Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\BSCAL4.d

Date : 20-NOV-2012 16:53

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

Purge Volume: 1000.0

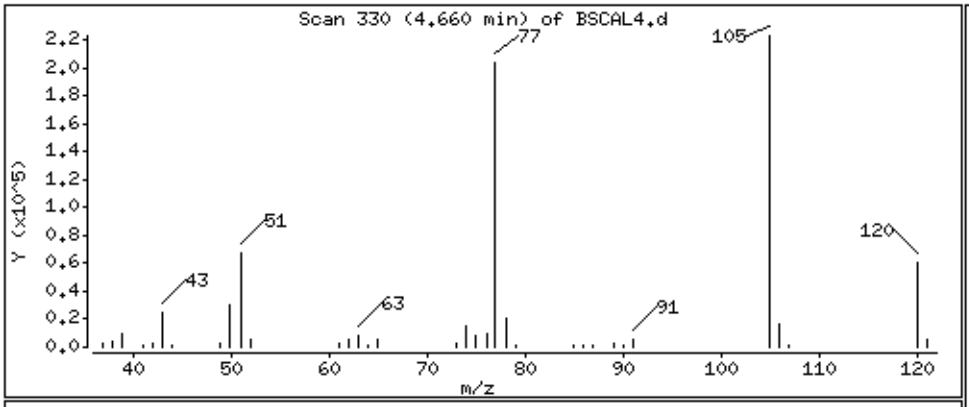
Operator: MJ

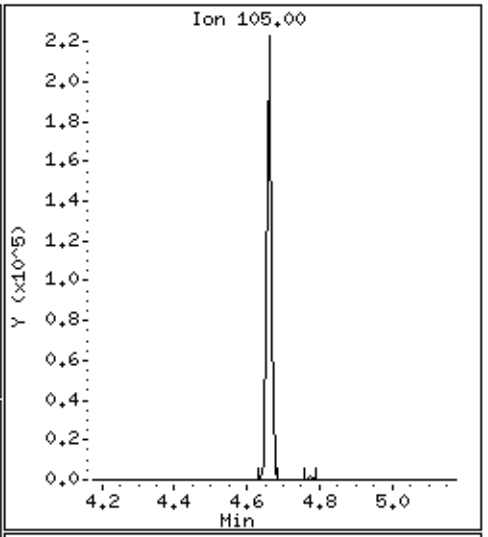
Column phase: HPMS-5

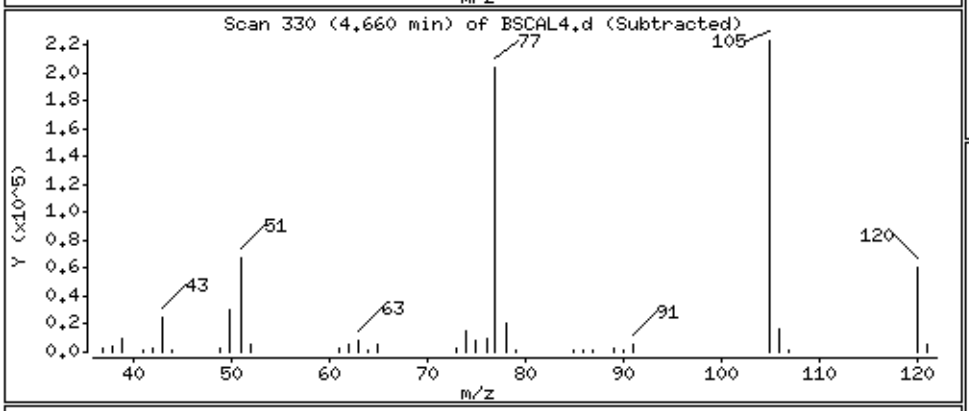
Column diameter: 0.25

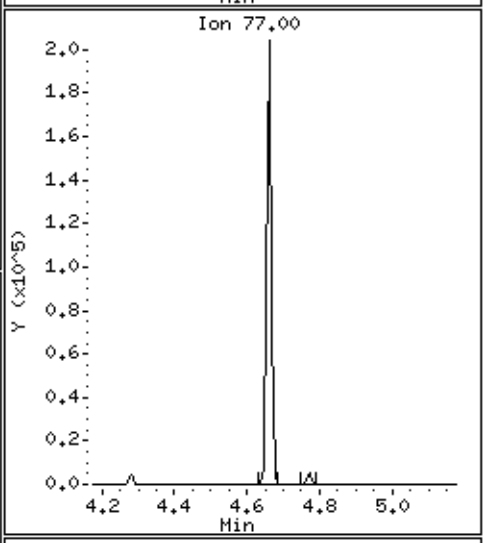
25 Acetophenone

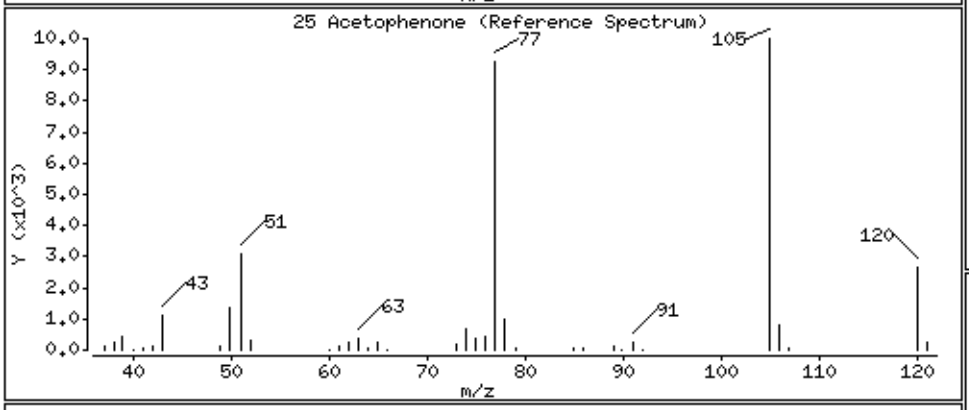
Concentration: 42.7 ug/l

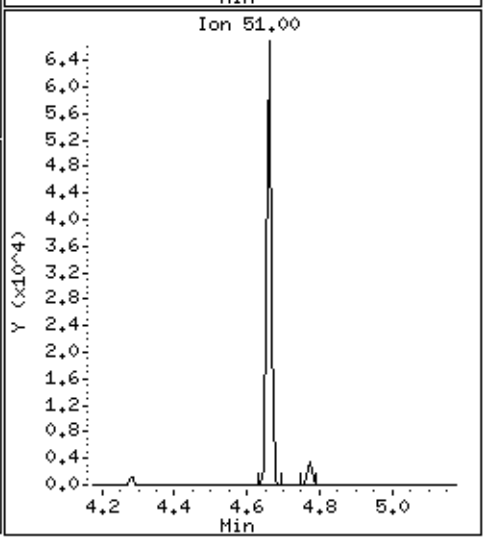


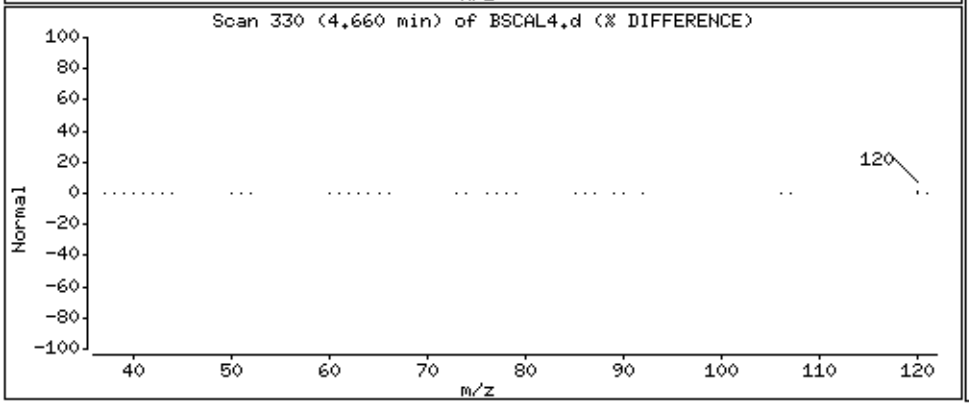












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\BSCAL4.d

Date : 20-NOV-2012 16:53

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

Purge Volume: 1000.0

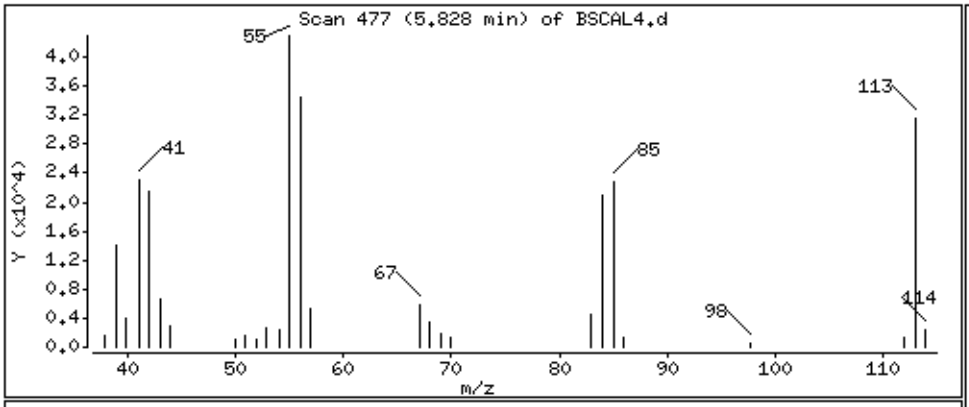
Operator: MJ

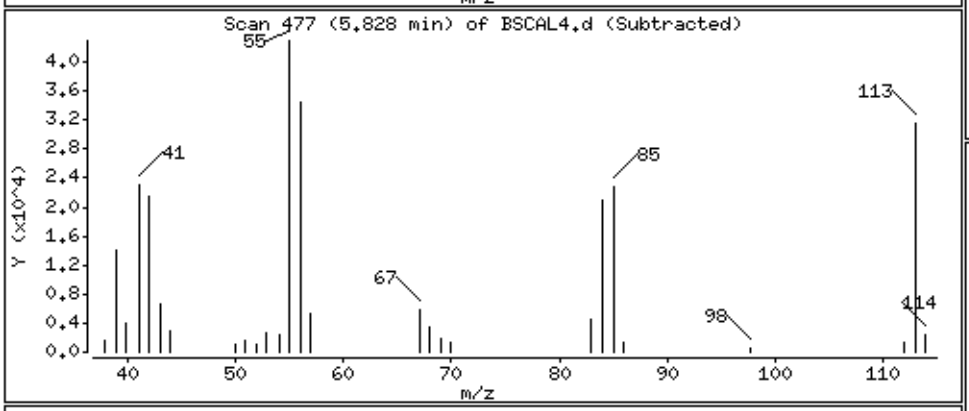
Column phase: HPMS-5

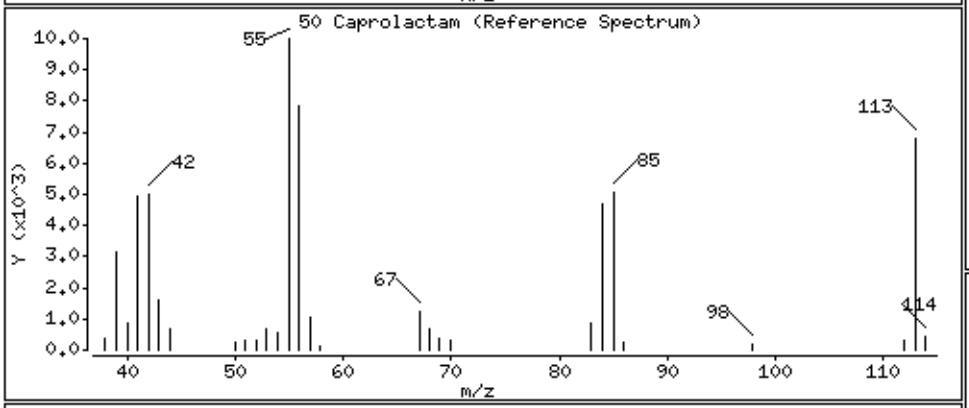
Column diameter: 0.25

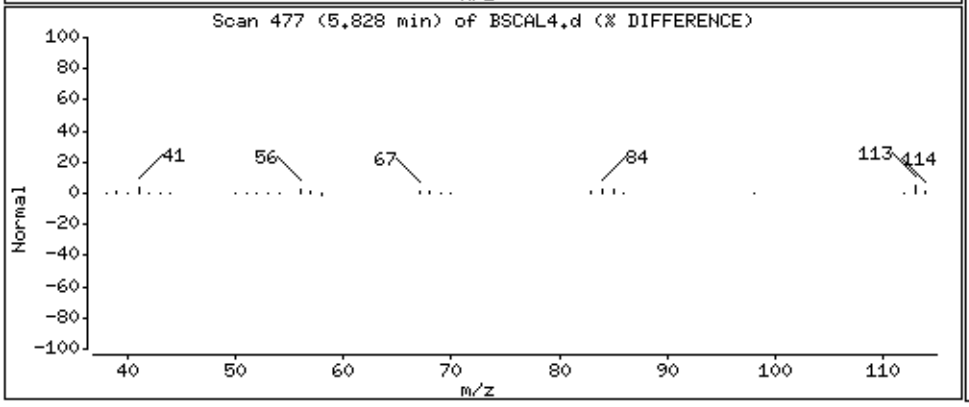
50 Caprolactam

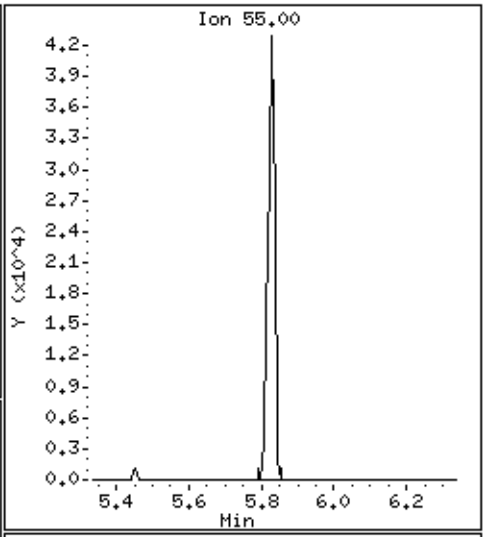
Concentration: 46.3 ug/l

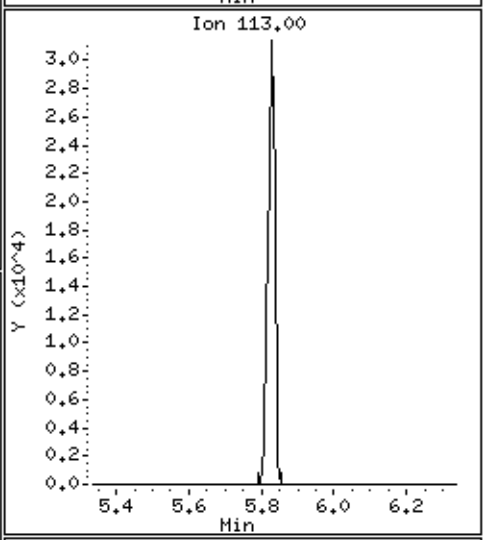


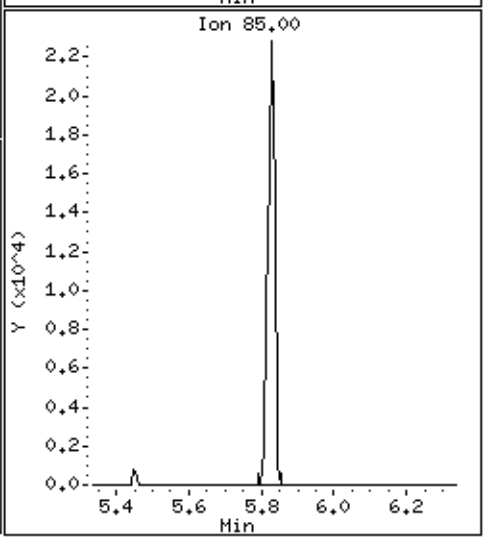












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\BSCAL4.d

Date : 20-NOV-2012 16:53

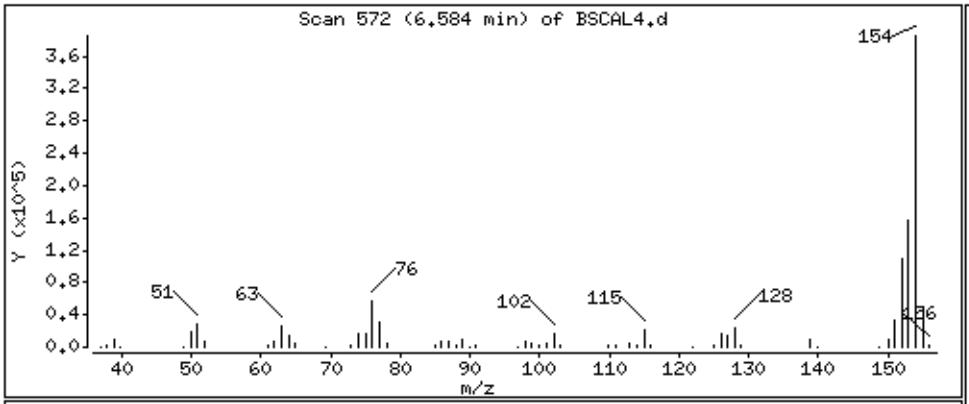
Client ID: BSCAL4 Instrument: smsd04.i

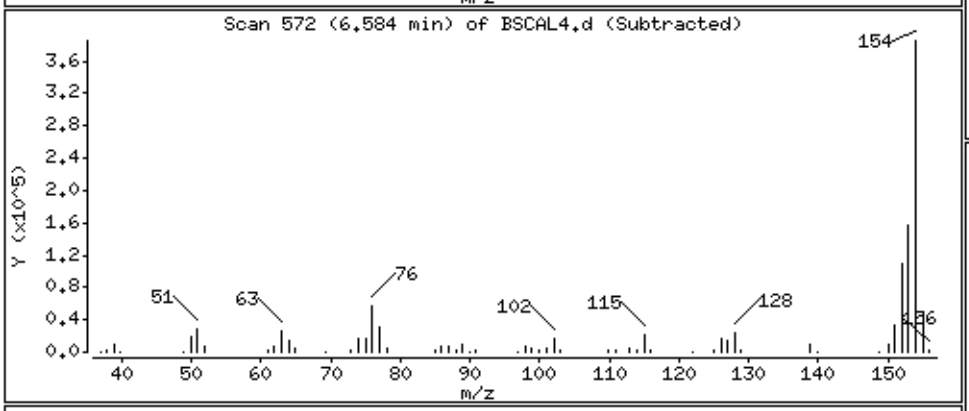
Sample Info: 47965

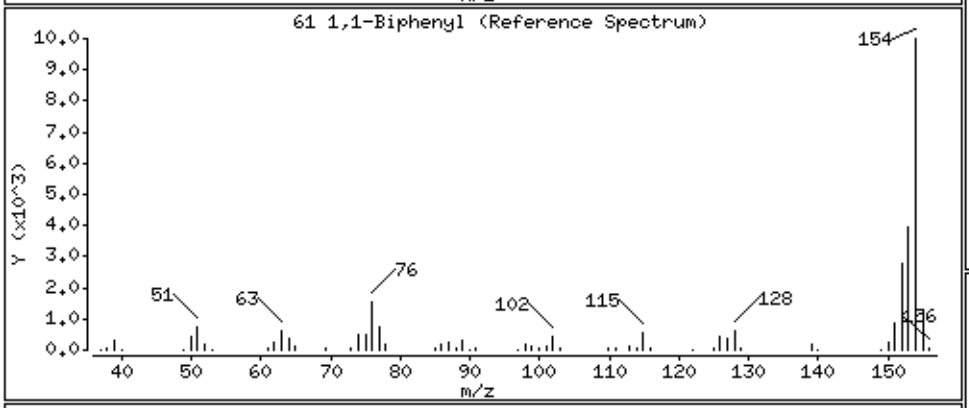
Purge Volume: 1000.0 Operator: MJ

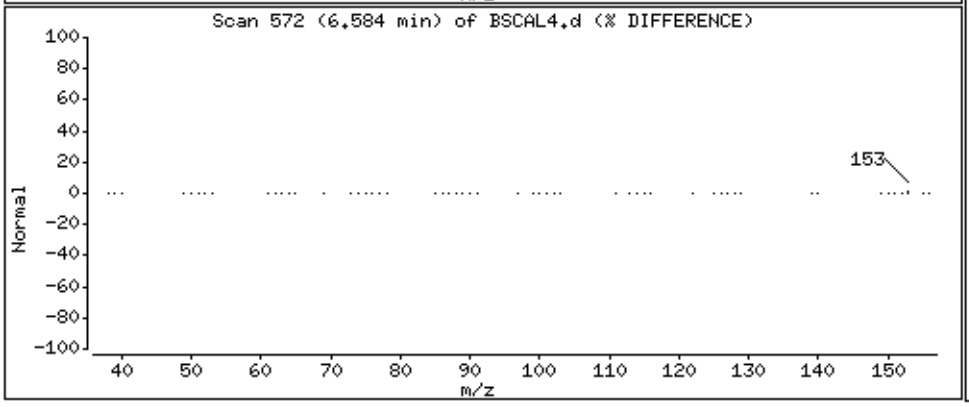
Column phase: HPMS-5 Column diameter: 0.25

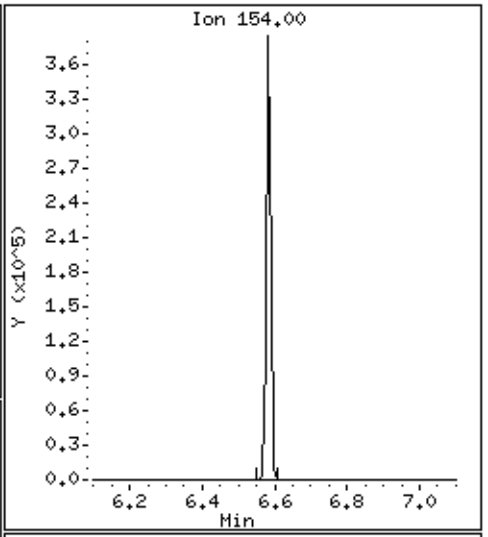
61 1,1-Biphenyl Concentration: 45.4 ug/l

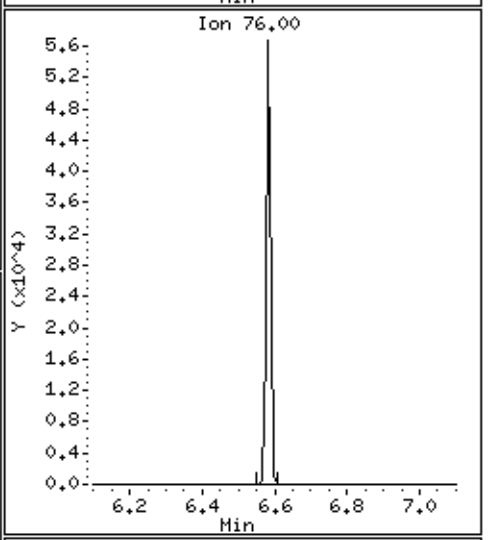


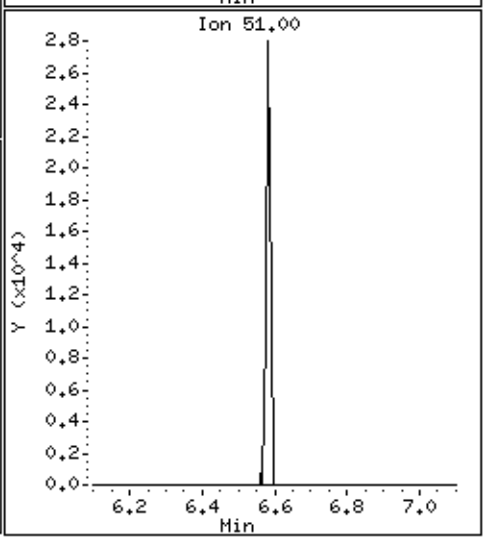












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\BSCAL4.d

Date : 20-NOV-2012 16:53

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

Purge Volume: 1000.0

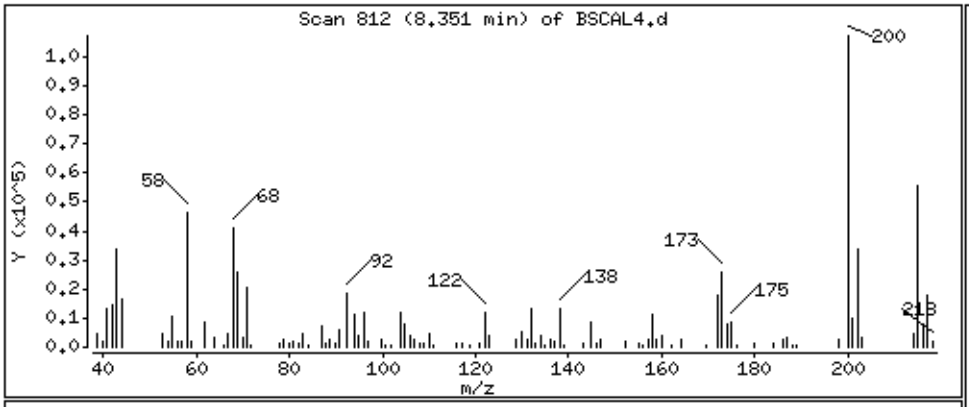
Operator: MJ

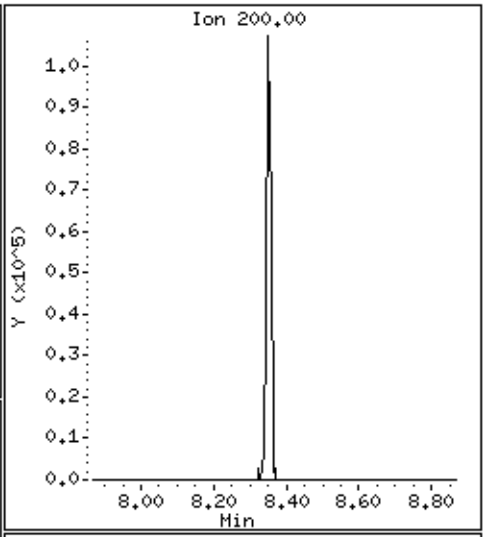
Column phase: HPMS-5

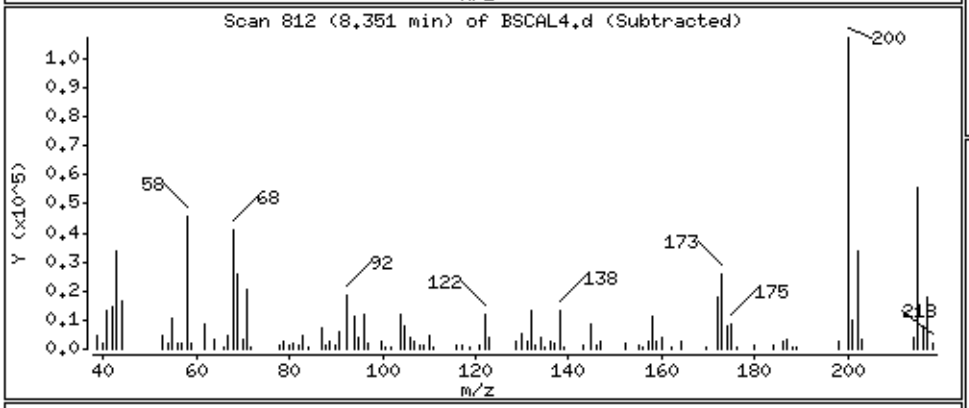
Column diameter: 0.25

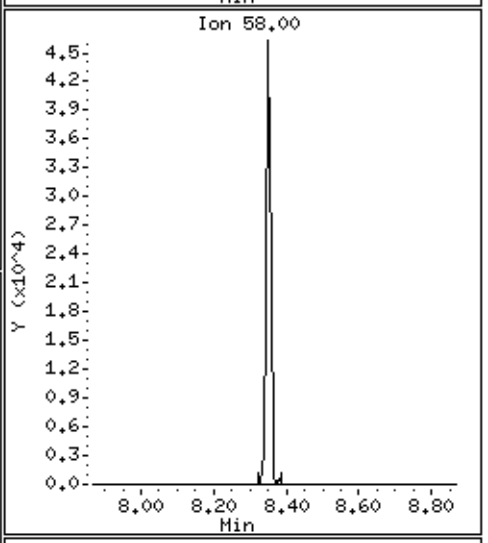
95 Atrazine

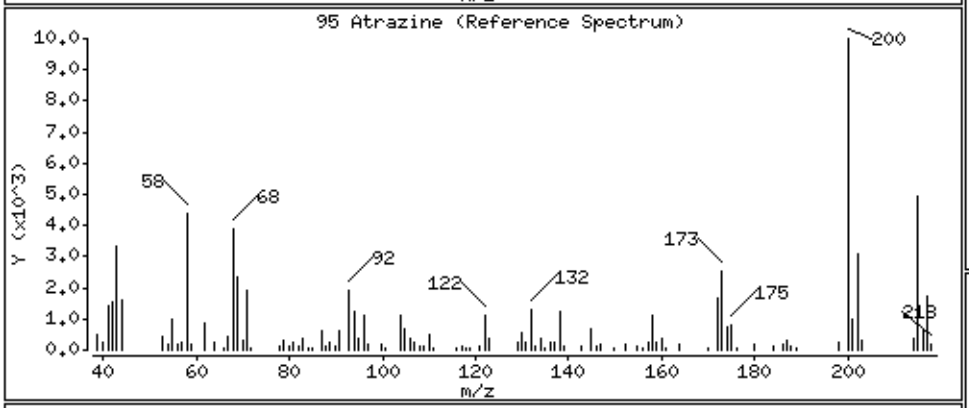
Concentration: 47.8 ug/l

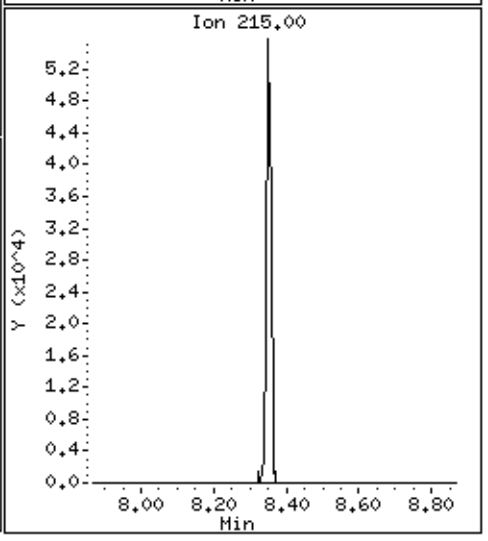


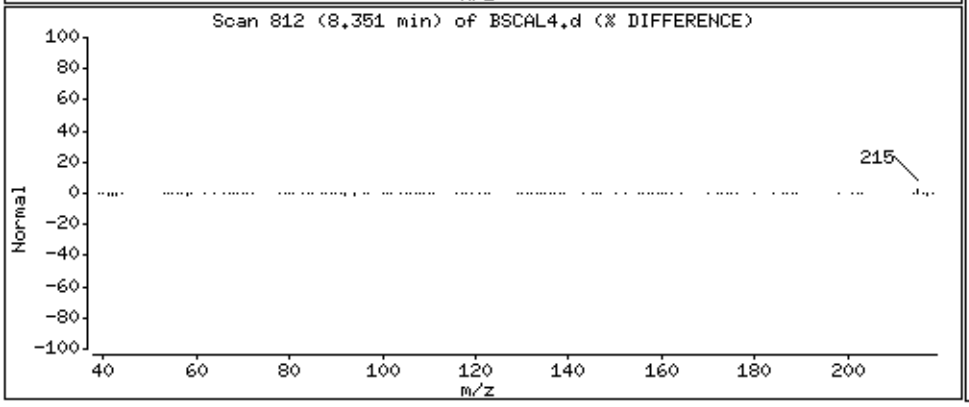












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\BSCAL4.d

Date : 20-NOV-2012 16:53

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

Purge Volume: 1000.0

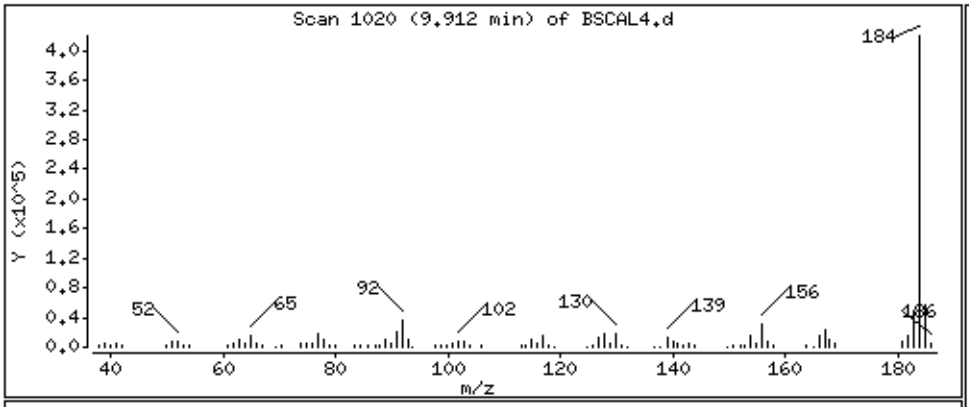
Operator: MJ

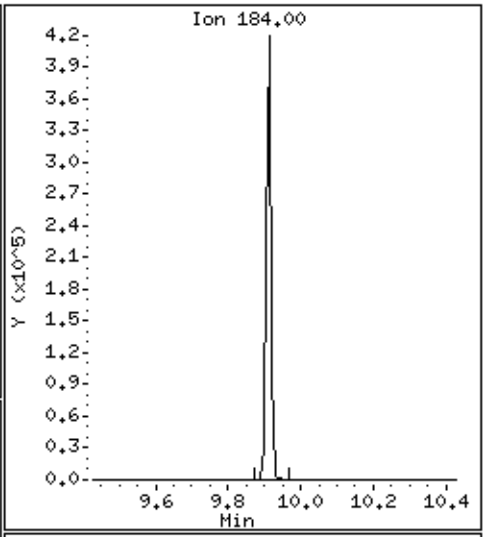
Column phase: HPMS-5

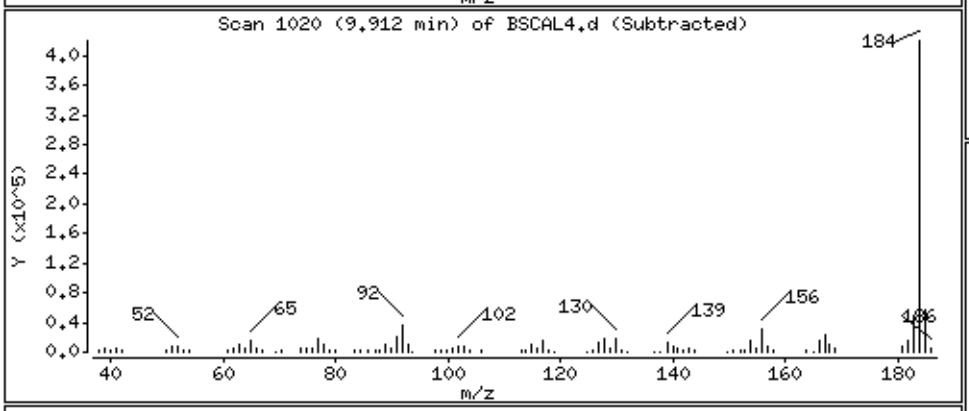
Column diameter: 0.25

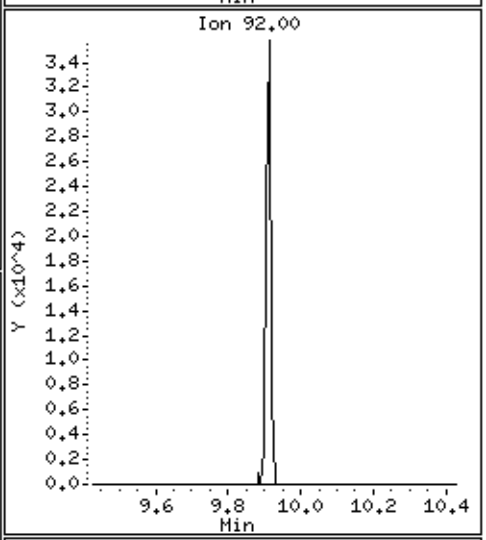
110 Benzidine

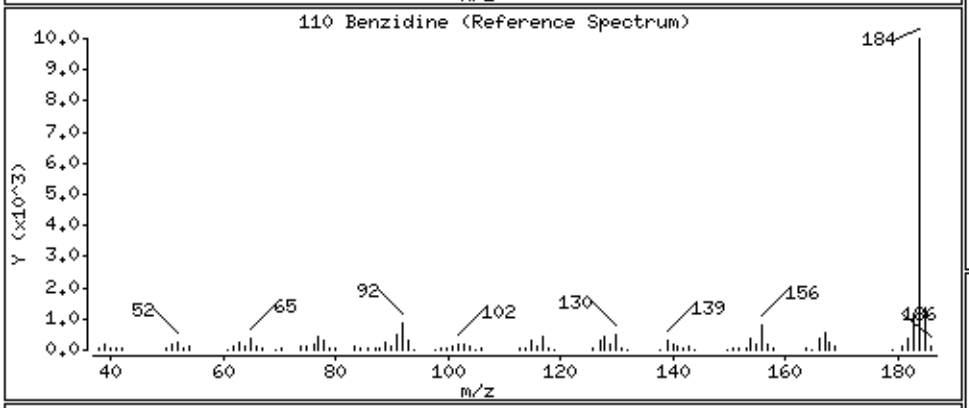
Concentration: 51.0 ug/l

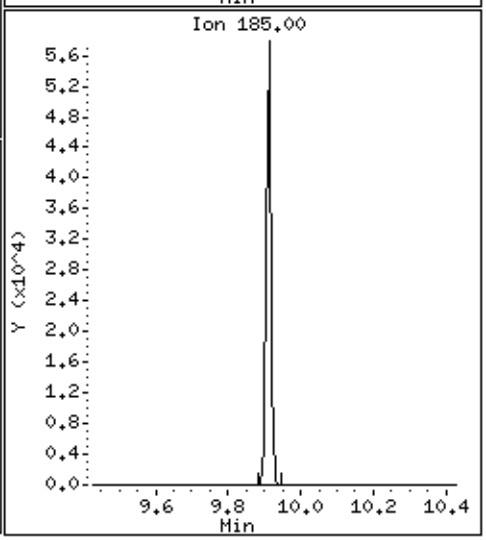


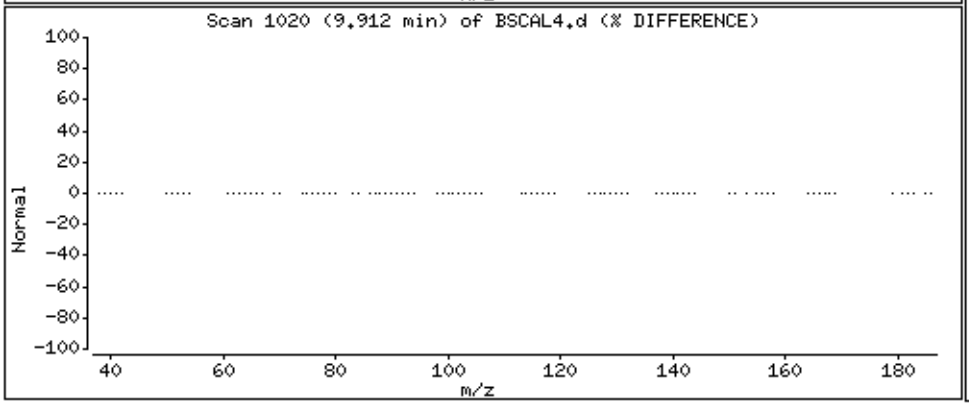












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\BSCAL4.d

Date : 20-NOV-2012 16:53

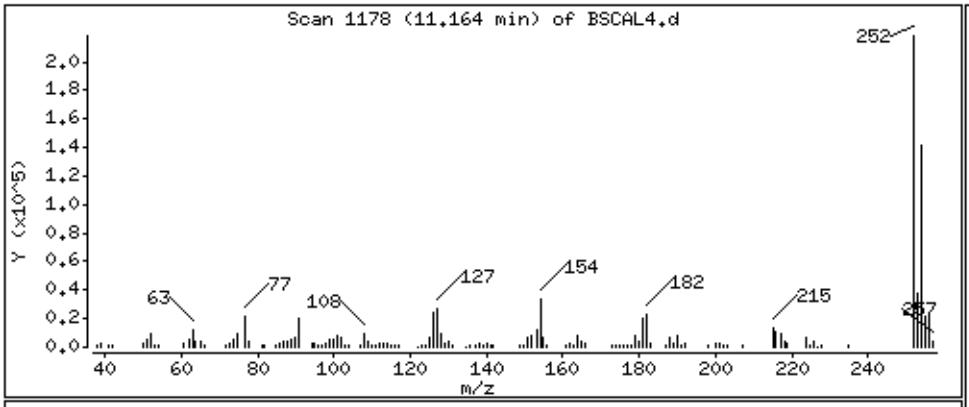
Client ID: BSCAL4 Instrument: smsd04.i

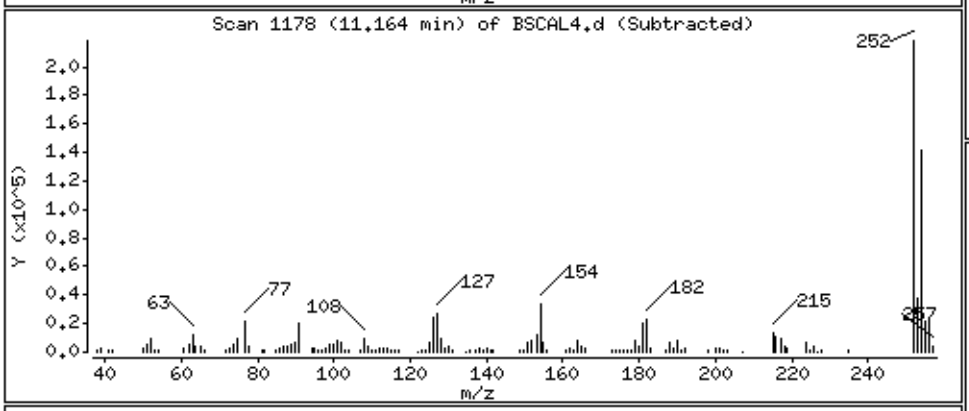
Sample Info: 47965

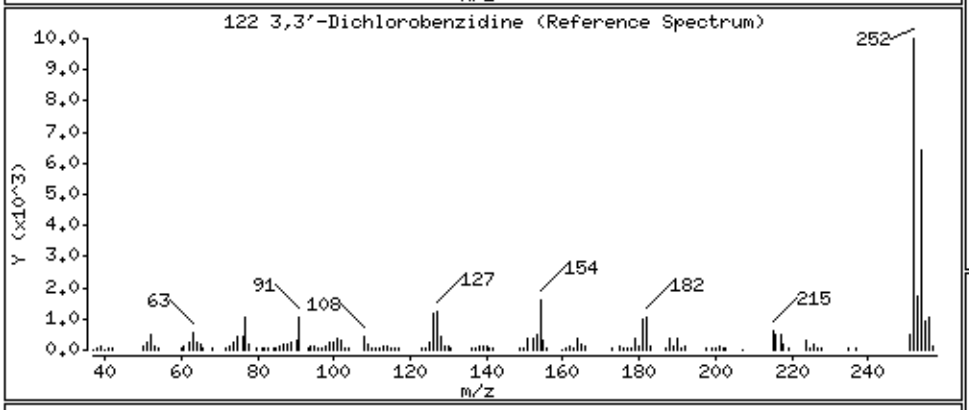
Purge Volume: 1000.0 Operator: MJ

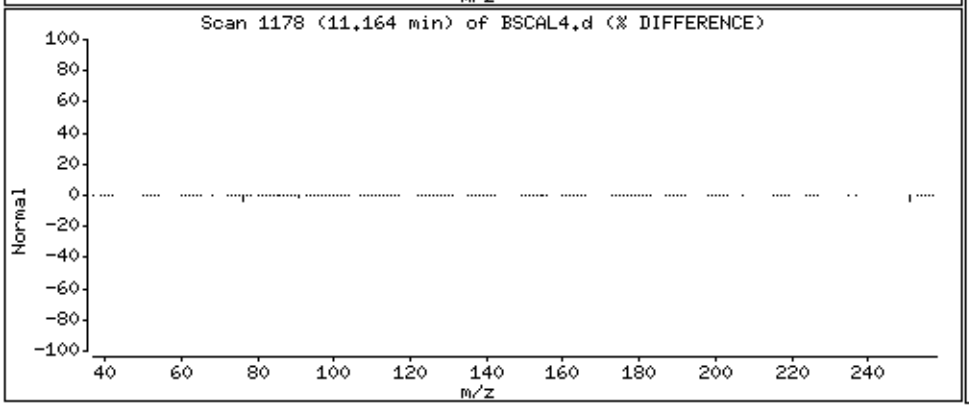
Column phase: HPMS-5 Column diameter: 0.25

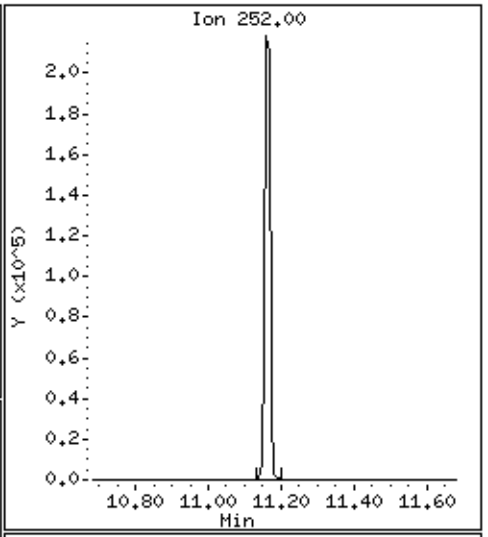
122 3,3'-Dichlorobenzidine Concentration: 50.3 ug/l

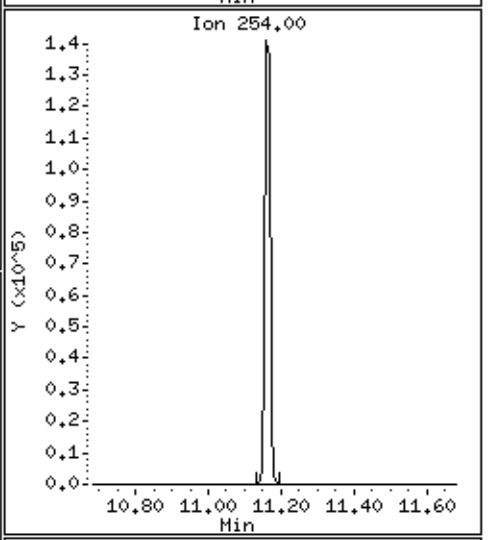


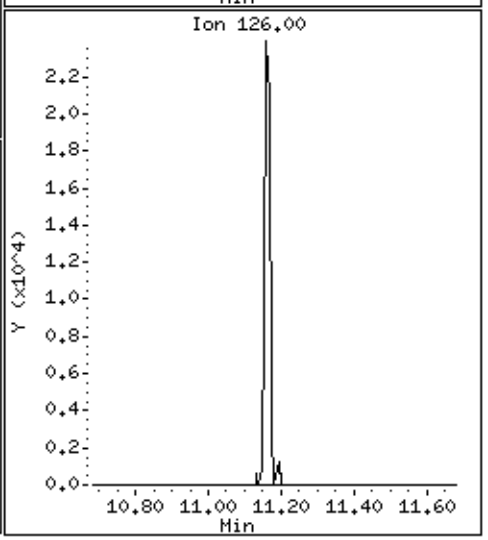












PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d
Lab Smp Id: 47936 Client Smp ID: AP9CAL4
Inj Date : 20-NOV-2012 17:14 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : 47936
Misc Info :
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112012.b\8270bcs.m
Meth Date : 27-Nov-2012 14:49 mjacobs Quant Type: ISTD
Cal Date : 15-NOV-2012 09:25 Cal File: AP9CAL7.d
Als bottle: 45 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ap9cal.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * (1/(Vo/1000))*Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1000.000	Volume of sample extracted (mL)
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

					AMOUNTS			
					CAL-AMT	ON-COL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/ml)	(ug/ml)	TARGET RANGE	RATIO
3 2- Picoline							CAS #: 109-06-8	
2.775	2.786	(0.648)	93	172372	45.0000	44.2	80.00- 120.00	100.00
2.774	2.786	(0.648)	66	83576			18.85- 78.85	48.49
2.775	2.786	(0.648)	92	43497			0.00- 55.79	25.23
4 N-Nitrosomethylethylamine							CAS #: 10595-95-6	
2.878	2.892	(0.672)	88	73804	45.0000	44.0	80.00- 120.00	100.00
2.879	2.892	(0.672)	43	48708			40.05- 100.05	66.00
2.878	2.892	(0.672)	42	80141			84.22- 144.22	108.59
5 Methyl Methanesulfonate							CAS #: 66-27-3	
3.126	3.139	(0.730)	80	98097	45.0000	42.8	80.00- 120.00	100.00
3.126	3.139	(0.730)	79	64554			37.37- 97.37	65.81
3.126	3.139	(0.730)	65	26562			0.00- 58.04	27.08
7 N-Nitrosodiethylamine							CAS #: 55-18-5	
3.433	3.445	(0.802)	102	75415	45.0000	45.2	80.00- 120.00	100.00
3.432	3.445	(0.802)	42	62634			59.82- 119.82	83.05
3.432	3.445	(0.802)	57	37521			22.61- 82.61	49.75
8 Ethyl Methanesulfonate							CAS #: 62-50-0	
3.678	3.691	(0.859)	79	122745	45.0000	43.8	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
	8 Ethyl Methanesulfonate (continued)							
3.679	3.691 (0.859)		109	70210			26.91- 86.91	57.20
3.679	3.691 (0.859)		97	24561			0.00- 49.95	20.01
	12 Pentachloroethane					CAS #: 76-01-7		
4.034	4.048 (0.942)		167	69851	45.0000	45.6	80.00- 120.00	100.00
4.034	4.048 (0.942)		117	57862			54.61- 114.61	82.84
4.034	4.048 (0.942)		130	26280			8.16- 68.16	37.62
*	18 1,4-Dichlorobenzene-d4					CAS #: 3855-82-1		
4.282	4.297 (1.000)		152	100558	40.0000		80.00- 120.00	100.00
4.281	4.297 (1.000)		115	62361			32.81- 92.81	62.01
4.282	4.297 (1.000)		150	156987			161.37- 221.37	156.12
	24 N-Nitrosopyrrolidine					CAS #: 930-55-2		
4.659	4.671 (1.088)		100	80668	45.0000	44.9	80.00- 120.00	100.00
4.659	4.671 (1.088)		41	71975			67.29- 127.29	89.22
4.660	4.671 (1.088)		42	67486			56.85- 116.85	83.66
	25 Acetophenone					CAS #: 98-86-2		
4.662	4.675 (0.855)		105	225485	45.0000	45.4	80.00- 120.00	100.00
4.662	4.675 (0.855)		77	203091			60.51- 120.51	90.07
4.661	4.675 (0.855)		51	69011			1.60- 61.60	30.61
	27 N-Nitrosomorpholine					CAS #: 59-89-2		
4.674	4.684 (1.092)		56	96169	45.0000	42.2	80.00- 120.00	100.00
4.674	4.684 (1.092)		116	32786			2.11- 62.11	34.09
4.674	4.684 (1.092)		86	50767			18.75- 78.75	52.79
	29 o-Toluidine					CAS #: 95-53-4		
4.704	4.715 (1.099)		106	237050	45.0000	45.0	80.00- 120.00	100.00
4.703	4.715 (1.098)		77	50977			0.00- 51.90	21.50
4.704	4.715 (1.099)		107	173177			44.38- 104.38	73.06
	33 N-Nitrosopiperidine					CAS #: 100-75-4		
4.954	4.967 (0.909)		114	68863	45.0000	45.0	80.00- 120.00	100.00
4.954	4.967 (0.909)		42	102448			123.47- 183.47	148.77
4.954	4.967 (0.909)		55	53705			53.49- 113.49	77.99
	37 o,o,o-Triethylphosphorothioate					CAS #: 126-68-1		
5.249	5.263 (1.226)		198	87382	45.0000	45.2	80.00- 120.00	100.00
5.249	5.263 (1.226)		97	71904			54.13- 114.13	82.29
5.248	5.263 (1.226)		65	58696			38.00- 98.00	67.17
	39 a,a-Dimethylphenethylamine					CAS #: 122-09-8		
5.297	5.375 (0.972)		58	350682	45.0000	43.6	80.00- 120.00	100.00
5.297	5.375 (0.972)		91	60100			0.00- 50.20	17.14
5.297	5.375 (0.972)		65	30556			0.00- 36.52	8.71
*	43 Naphthalene-d8					CAS #: 1146-65-2		
5.451	5.467 (1.000)		136	330436	40.0000		80.00- 120.00	100.00
5.450	5.467 (1.000)		68	23218			0.00- 37.30	7.03

RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	TARGET RANGE	RATIO
46 2,6-Dichlorophenol						CAS #: 87-65-0		
5.549	5.559	(1.018)	162	129180	45.0000	47.8	80.00- 120.00	100.00
5.548	5.559	(1.018)	63	86668			41.54- 101.54	67.09
5.548	5.559	(1.018)	98	34808			0.00- 57.68	26.95
47 Hexachloropropene						CAS #: 1888-71-7		
5.584	5.597	(1.024)	213	138783	45.0000	53.5	80.00- 120.00	100.00
5.584	5.597	(1.024)	215	88776			34.38- 94.38	63.97
5.583	5.597	(1.024)	117	34689			0.00- 55.68	25.00
49 N-Nitrosodi-n-butylamine						CAS #: 924-16-3		
5.876	5.890	(1.078)	84	119125	45.0000	44.7	80.00- 120.00	100.00
5.876	5.890	(1.078)	57	85343			42.68- 102.68	71.64
5.876	5.890	(1.078)	41	72486			32.37- 92.37	60.85
52 Isosafrole						CAS #: 120-58-1		
6.051	6.066	(1.110)	162	114667	45.0000	46.5	80.00- 120.00	100.00
6.051	6.066	(1.110)	104	82030			42.25- 102.25	71.54
6.051	6.066	(1.110)	131	56128			19.87- 79.87	48.95
56 1,2,4,5-Tetrachlorobenzene						CAS #: 95-94-3		
6.328	6.340	(0.884)	216	163564	45.0000	44.9	80.00- 120.00	100.00
6.328	6.340	(0.884)	214	128761			49.18- 109.18	78.72
6.327	6.340	(0.884)	108	32131			0.00- 50.98	19.64
60 Safrole						CAS #: 94-59-7		
6.544	6.558	(1.200)	162	102068	45.0000	47.3	80.00- 120.00	100.00
6.544	6.558	(1.200)	104	61991			32.30- 92.30	60.74
6.544	6.558	(1.200)	77	35417			6.02- 66.02	34.70
64 1,4-Naphthoquinone						CAS #: 130-15-4		
6.770	6.782	(0.946)	158	109005	45.0000	47.7	80.00- 120.00	100.00
6.769	6.782	(0.946)	102	90302			56.55- 116.55	82.84
6.769	6.782	(0.946)	130	51235			19.11- 79.11	47.00
66 1,3-Dinitrobenzene						CAS #: 99-65-0		
6.946	6.959	(0.971)	168	55333	45.0000	48.1	80.00- 120.00	100.00
6.946	6.959	(0.971)	75	64427			91.84- 151.84	116.44
6.946	6.959	(0.971)	50	48583			68.52- 128.52	87.80
* 70 Acenaphthene-d10						CAS #: 15067-26-2		
7.155	7.170	(1.000)	164	219812	40.0000		80.00- 120.00	100.00
7.155	7.170	(1.000)	162	206983			64.44- 124.44	94.16
7.155	7.170	(1.000)	160	92307			11.89- 71.89	41.99
73 Pentachlorobenzene						CAS #: 608-93-5		
7.363	7.376	(1.029)	250	154302	45.0000	46.0	80.00- 120.00	100.00
7.363	7.376	(1.029)	252	97754			34.86- 94.86	63.35
7.362	7.376	(1.029)	108	44261			0.00- 59.93	28.68
77 1-Naphthylamine						CAS #: 134-32-7		
7.420	7.433	(1.037)	143	272047	45.0000	45.1	80.00- 120.00	100.00
7.420	7.433	(1.037)	115	142210			24.25- 84.25	52.27

RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	TARGET RANGE	RATIO
77 1-Naphthylamine (continued)								
7.421	7.433 (1.037)		89	25286			0.00- 40.79	9.29
78 2,3,4,6-Tetrachlorophenol						CAS #: 58-90-2		
7.502	7.514 (1.049)		232	94187	45.0000	50.0	80.00- 120.00	100.00
7.502	7.514 (1.049)		168	27063			0.00- 58.61	28.73
7.501	7.514 (1.048)		131	43089			18.06- 78.06	45.75
79 2-Naphthylamine						CAS #: 91-59-8		
7.492	7.505 (1.047)		143	307981	45.0000	45.4	80.00- 120.00	100.00
7.491	7.505 (1.047)		115	166116			24.63- 84.63	53.94
7.491	7.505 (1.047)		116	70163			0.00- 52.80	22.78
83 5-Nitro-ortho-toluidine						CAS #: 99-55-8		
7.718	7.731 (1.079)		152	94226	45.0000	46.6	80.00- 120.00	100.00
7.718	7.731 (1.079)		106	72674			49.62- 109.62	77.13
7.718	7.731 (1.079)		77	104561			86.78- 146.78	110.97
90 1,3,5-Trinitrobenzene						CAS #: 99-35-4		
8.101	8.109 (1.132)		75	207818	45.0000	43.4	80.00- 120.00	100.00
8.101	8.109 (1.132)		74	123947			29.31- 89.31	59.64
8.102	8.109 (1.132)		213	81603			6.52- 66.52	39.27
89 Diallate						CAS #: 2303-16-4		
8.118	8.132 (1.135)		86	136451	45.0000	37.7	80.00- 120.00	100.00
8.118	8.132 (1.135)		43	166519			64.61- 124.61	122.04
8.119	8.132 (1.135)		234	62162			1.00- 61.00	45.56
92 Phenacetin						CAS #: 62-44-2		
8.139	8.150 (0.947)		109	197499	45.0000	46.7	80.00- 120.00	100.00
8.139	8.150 (0.947)		108	190840			70.78- 130.78	96.63
8.139	8.150 (0.947)		179	104142			22.17- 82.17	52.73
91 p-Phenylenediamine						CAS #: 106-50-3		
8.139	8.150 (0.947)		108	190840	45.0000	46.3	80.00- 120.00	100.00
8.139	8.150 (0.947)		80	41048			0.00- 51.04	21.51
8.138	8.150 (0.947)		53	25917			0.00- 43.69	13.58
97 Pentachloronitrobenzene						CAS #: 82-68-8		
8.546	8.560 (0.995)		237	58590	45.0000	46.6	80.00- 120.00	100.00
8.546	8.560 (0.995)		295	21398			6.13- 66.13	36.52
8.545	8.560 (0.995)		142	38402			37.48- 97.48	65.54
98 4-Aminobiphenyl						CAS #: 92-67-1		
8.413	8.425 (0.979)		169	363171	45.0000	46.4	80.00- 120.00	100.00
8.413	8.425 (0.979)		168	77189			0.00- 51.69	21.25
8.412	8.425 (0.979)		115	40850			0.00- 41.29	11.25
99 Pronamide						CAS #: 23950-58-5		
8.509	8.523 (0.991)		173	175921	45.0000	47.1	80.00- 120.00	100.00
8.509	8.523 (0.991)		175	115413			37.21- 97.21	65.61
8.509	8.523 (0.991)		145	62428			6.07- 66.07	35.49

RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
* 100 Phenanthrene-d10							CAS #: 1517-22-2	
8.591	8.603	(1.000)	188	392099	40.0000		80.00- 120.00	100.00
8.590	8.603	(1.000)	94	40685			0.00- 40.88	10.38
8.590	8.603	(1.000)	80	43311			0.00- 41.92	11.05
102 Dinoseb							CAS #: 88-85-7	
8.651	8.663	(1.007)	211	96245	45.0000	45.2	80.00- 120.00	100.00
8.651	8.663	(1.007)	163	44794			16.26- 76.26	46.54
8.651	8.663	(1.007)	117	27561			0.00- 57.53	28.64
106 4-Nitroquinoline-1-oxide							CAS #: 56-57-5	
8.510	9.398	(0.991)	174	17571	45.0000	48.5	80.00- 120.00	100.00(M)
8.517	9.398	(0.991)	128	0	0.00	0.00	143.92- 203.92	0.00
8.517	9.398	(0.991)	101	0	0.00	0.00	256.01- 316.01	0.00
107 Methapyrilene							CAS #: 91-80-5	
9.492	9.510	(1.105)	97	37129	45.0000	9.9	80.00- 120.00	100.00
9.492	9.510	(1.105)	58	48594			97.04- 157.04	130.88
9.492	9.510	(1.105)	191	33704			0.00- 44.49	90.78
108 Isodrin							CAS #: 465-73-6	
9.652	9.669	(1.124)	193	64777	45.0000	46.3	80.00- 120.00	100.00
9.651	9.669	(1.123)	66	57255			53.06- 113.06	88.39
9.652	9.669	(1.124)	195	57491			59.05- 119.05	88.75
113 Aramite							CAS #: 140-57-8	
10.238	10.261	(0.915)	185	82877	45.0000	46.5	80.00- 120.00	100.00(M)
10.166	10.261	(0.908)	191	38463			18.05- 78.05	46.41
10.166	10.261	(0.908)	319	22771			0.00- 55.81	27.48
114 p-Dimethylamino azobenzene							CAS #: 60-11-7	
10.318	10.334	(0.922)	225	135293	45.0000	46.6	80.00- 120.00	100.00
10.317	10.334	(0.922)	120	176596			107.72- 167.72	130.53
10.317	10.334	(0.922)	77	121792			69.64- 129.64	90.02
115 Chlorobenzilate							CAS #: 510-15-6	
10.371	10.388	(0.927)	251	186308	45.0000	46.0	80.00- 120.00	100.00
10.371	10.388	(0.927)	253	120415			35.05- 95.05	64.63
10.371	10.388	(0.927)	139	207429			88.99- 148.99	111.34
116 Kepone							CAS #: 143-50-0	
10.674	10.690	(0.954)	272	48771	45.0000	42.3	80.00- 120.00	100.00(M)
10.674	10.690	(0.954)	274	37917			51.38- 111.38	77.74
10.674	10.690	(0.954)	237	25624			13.59- 73.59	52.54
117 3,3-Dimethylbenzidine							CAS #: 119-93-7	
10.639	10.657	(0.951)	212	352002	45.0000	48.9	80.00- 120.00	100.00
10.638	10.657	(0.951)	106	31663			0.00- 39.77	9.00
10.639	10.657	(0.951)	180	25893			0.00- 38.39	7.36
119 2-Acetylaminofluorene							CAS #: 53-96-3	
10.903	10.920	(0.974)	181	256567	45.0000	43.5	80.00- 120.00	100.00
10.903	10.920	(0.974)	223	141207			22.99- 82.99	55.04

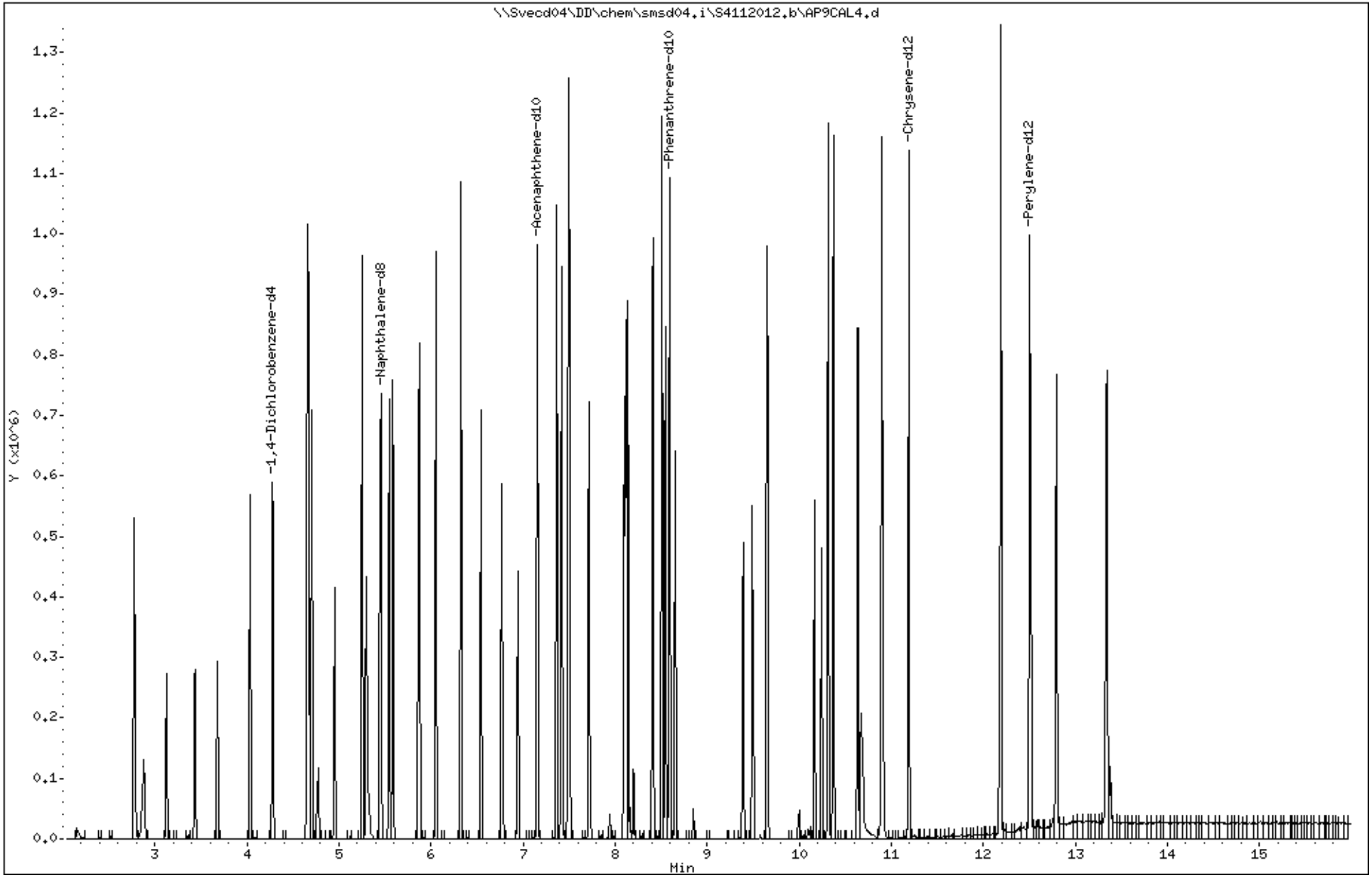
RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	TARGET RANGE	RATIO
119 2-Acetylaminofluorene (continued)								
10.903	10.920	(0.974)	180	207487			47.24- 107.24	80.87
* 121 Chrysene-d12							CAS #: 1719-03-5	
11.192	11.213	(1.000)	240	449982	40.0000		80.00- 120.00	100.00
11.191	11.213	(1.000)	120	45921			0.00- 40.23	10.21
11.192	11.213	(1.000)	236	109981			0.00- 54.43	24.44
126 7,12-Dimethylbenz(a)anthracen							CAS #: 57-97-6	
12.189	12.210	(0.974)	256	252565	45.0000	46.1	80.00- 120.00	100.00
12.189	12.210	(0.974)	241	141799			24.64- 84.64	56.14
12.189	12.210	(0.974)	239	118765			16.31- 76.31	47.02
* 130 Perylene-d12							CAS #: 1520-96-3	
12.509	12.532	(1.000)	264	414338	40.0000		80.00- 120.00	100.00
12.509	12.532	(1.000)	260	94136			0.00- 52.28	22.72
12.509	12.532	(1.000)	265	86856			0.00- 51.45	20.96
131 3-Methylcholanthrene							CAS #: 56-49-5	
12.795	12.822	(1.023)	268	189487	45.0000	47.6	80.00- 120.00	100.00
12.795	12.822	(1.023)	252	82557			13.86- 73.86	43.57
12.795	12.822	(1.023)	253	72244			11.25- 71.25	38.13
132 Dibenz(a,j)acridine							CAS #: 224-42-0	
13.339	13.369	(1.066)	279	399148	45.0000	46.0	80.00- 120.00	100.00
13.339	13.369	(1.066)	280	92807			0.00- 52.83	23.25
13.339	13.369	(1.066)	277	58304			0.00- 44.54	14.61

QC Flag Legend

M - Compound response manually integrated.

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Sample Info: 47936
Purge Volume: 1000.0
Column phase: HPMS-5

Instrument: smsd04.i
Operator: MJ
Column diameter: 0.25



1754

3507616

Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

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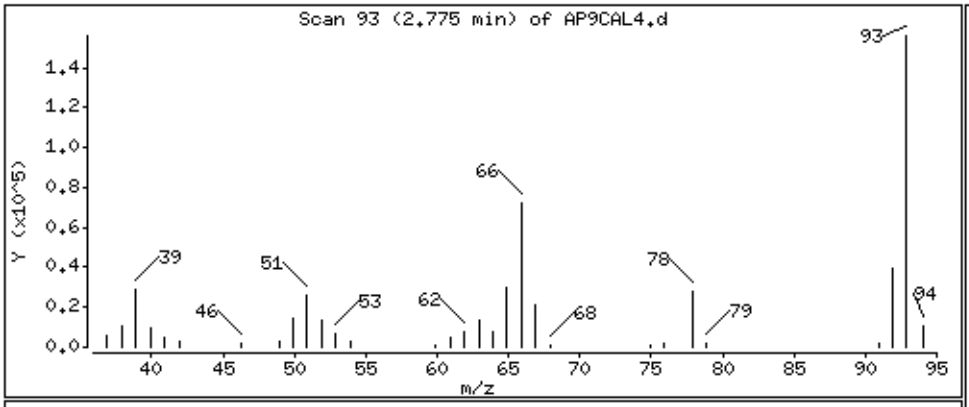
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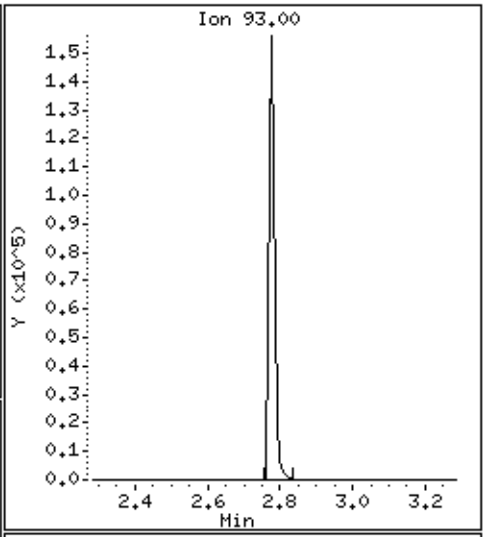
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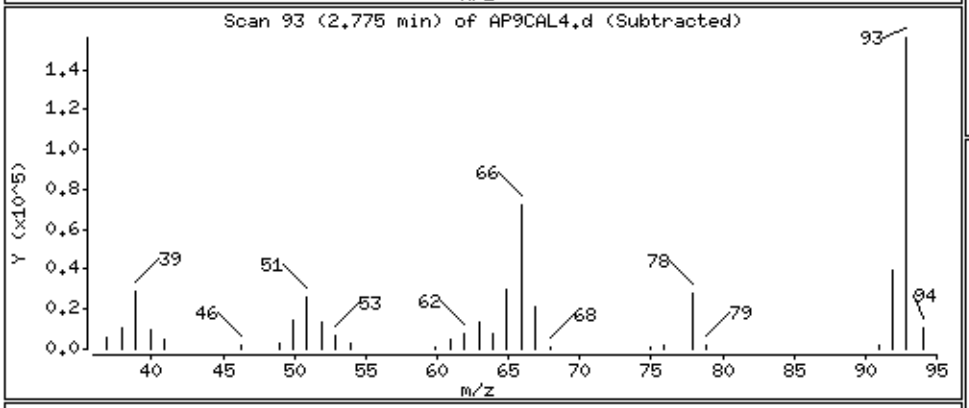
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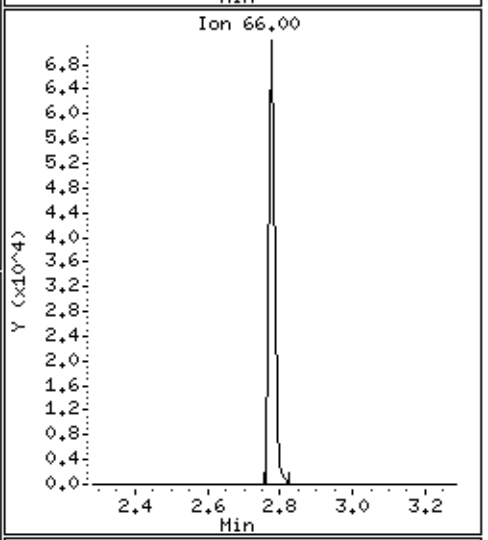
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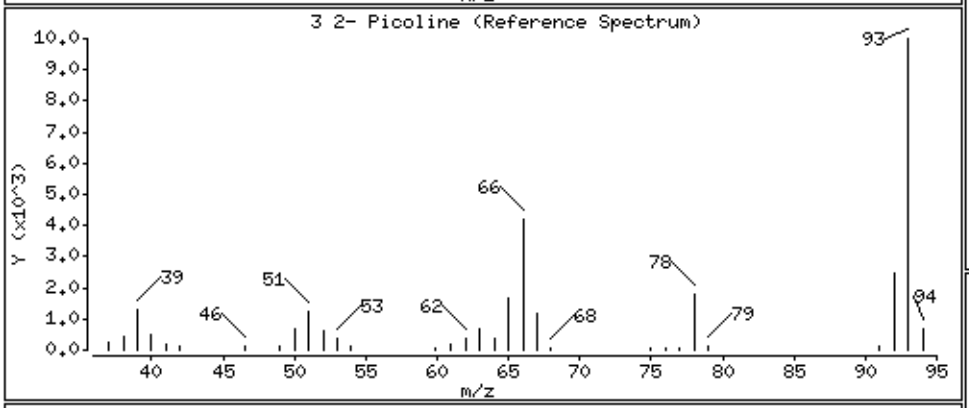
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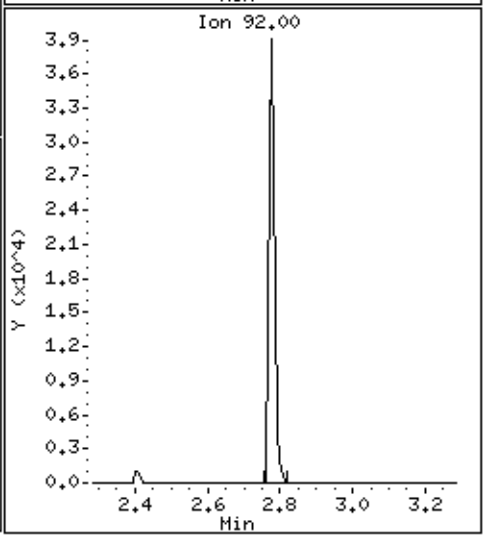


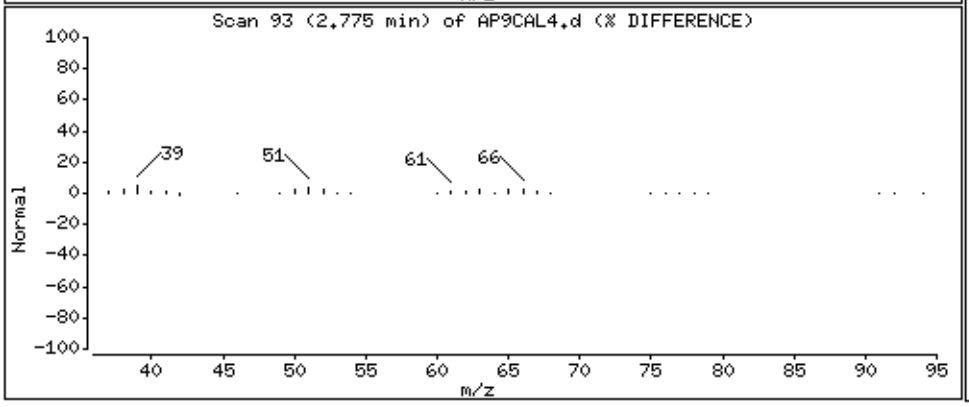












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Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

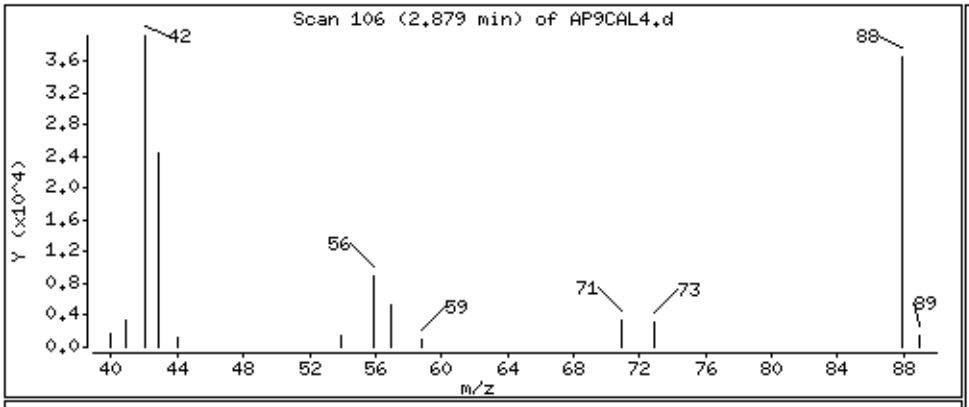
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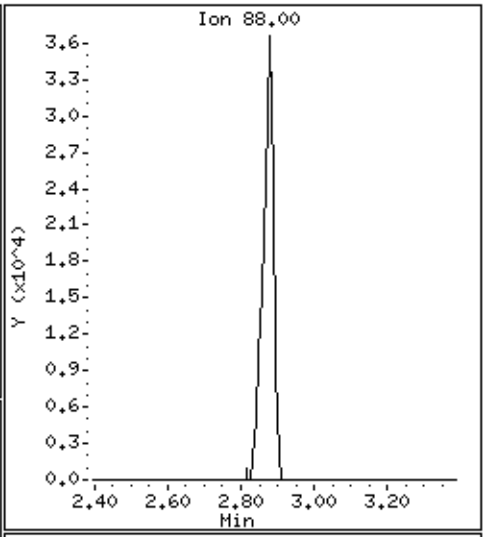
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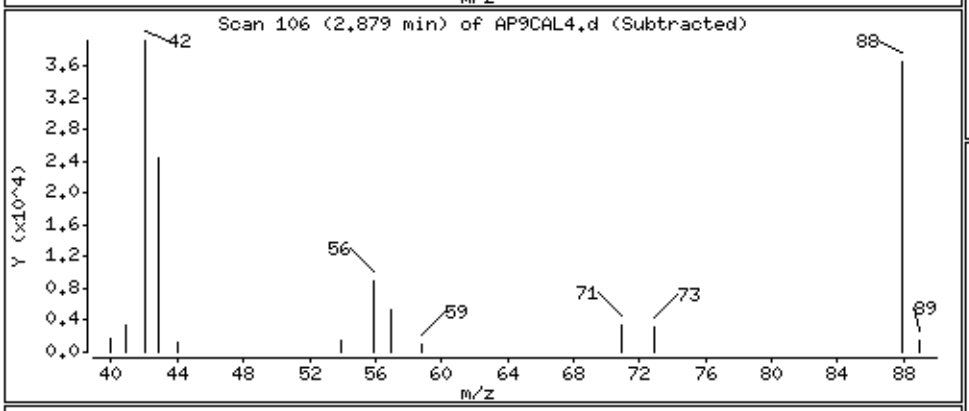
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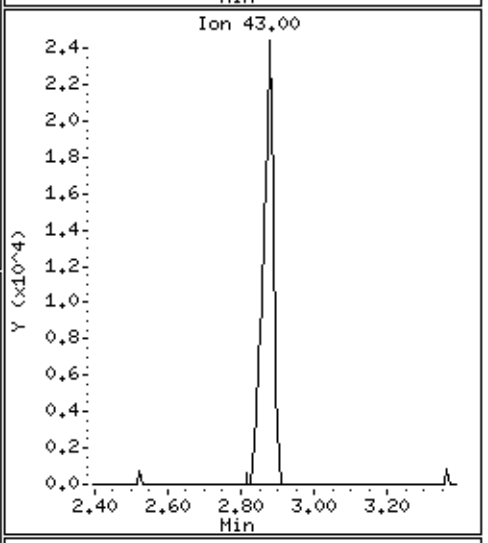
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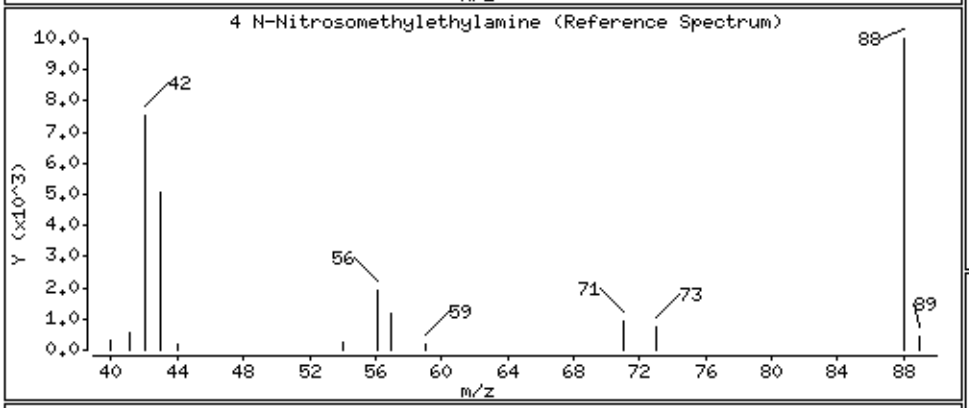
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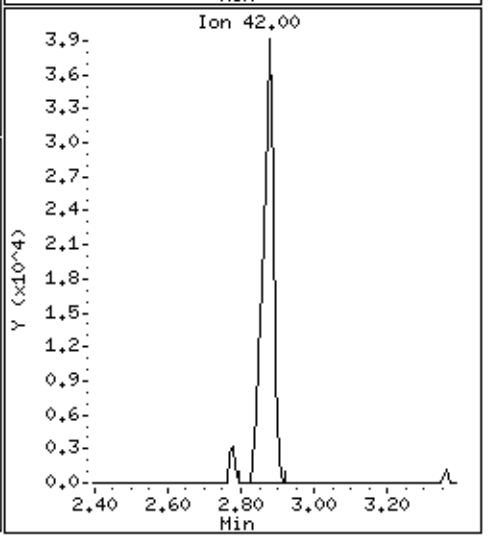


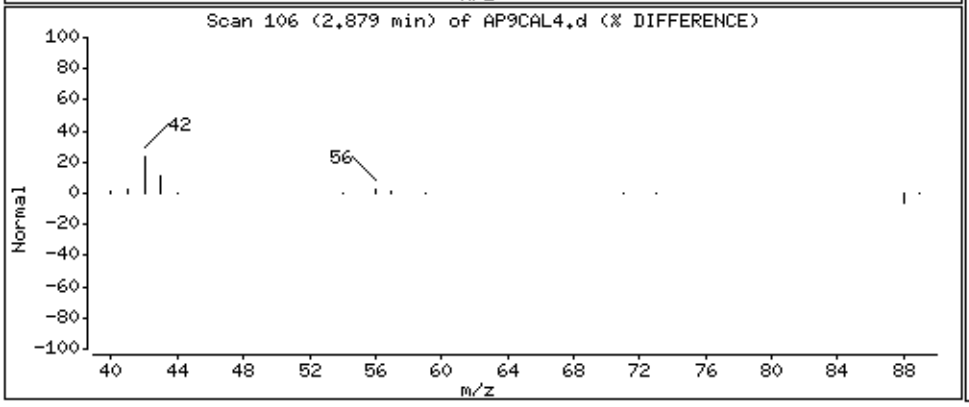












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

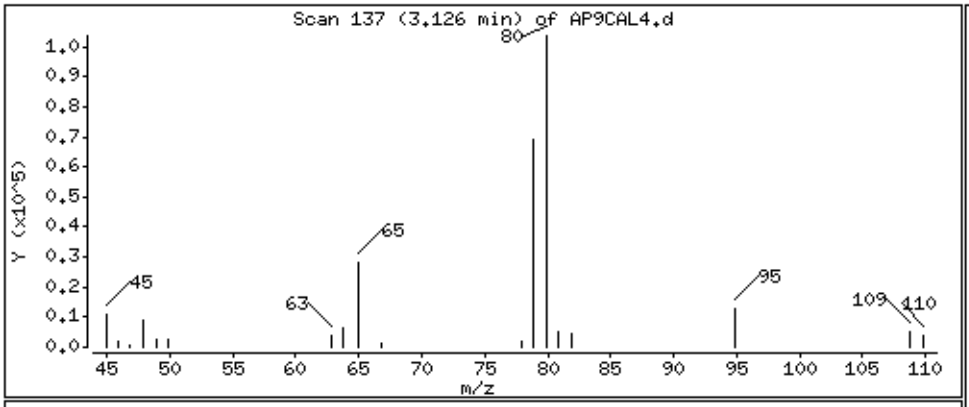
Operator: MJ

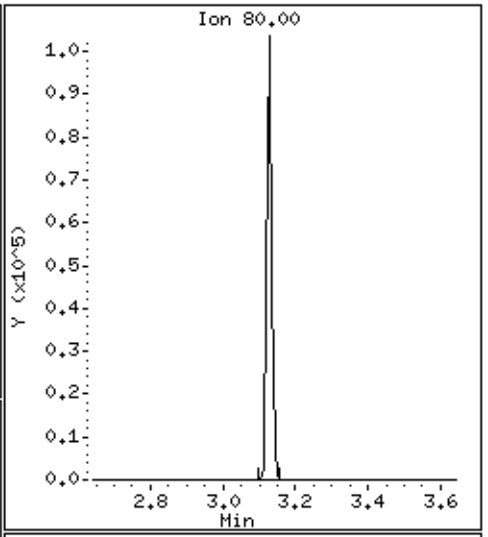
Column phase: HPMS-5

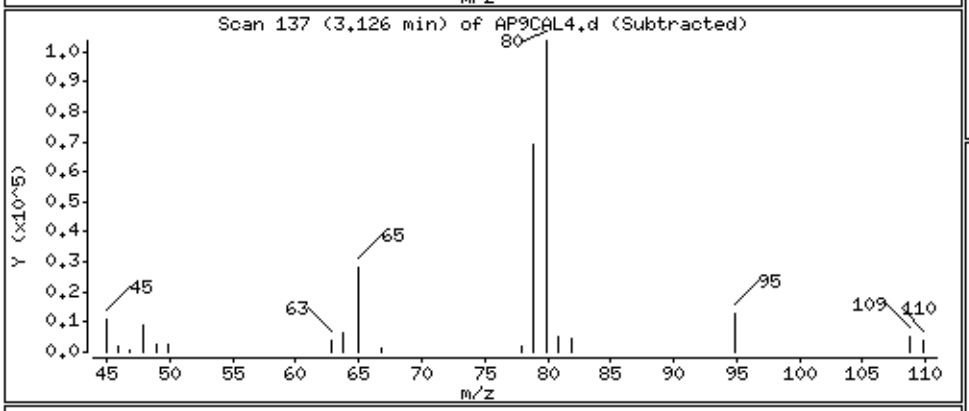
Column diameter: 0.25

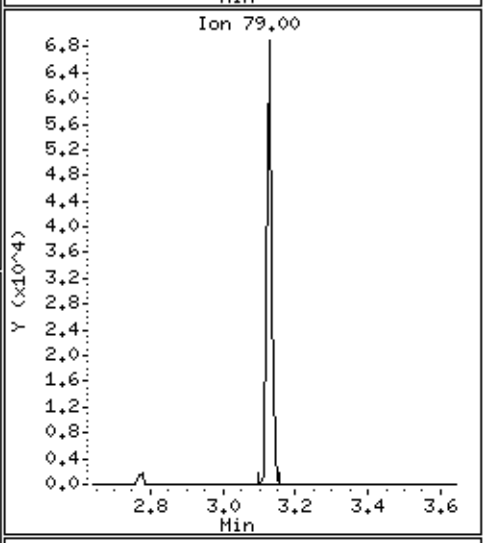
5 Methyl Methanesulfonate

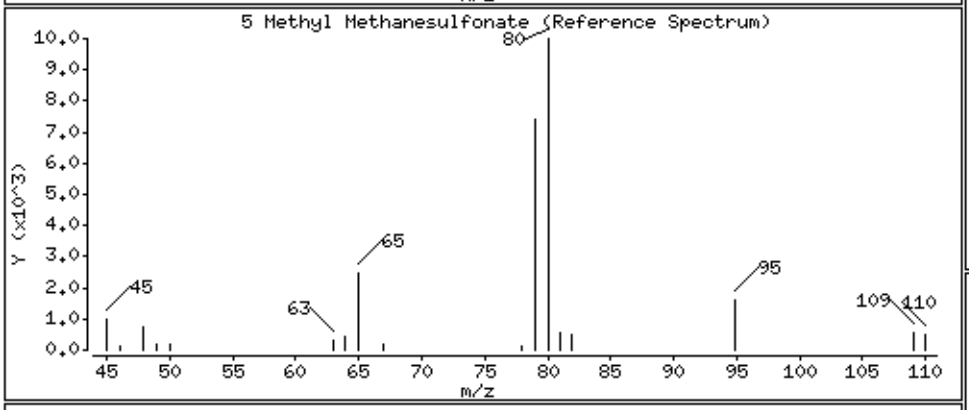
Concentration: 42.8 ug/l

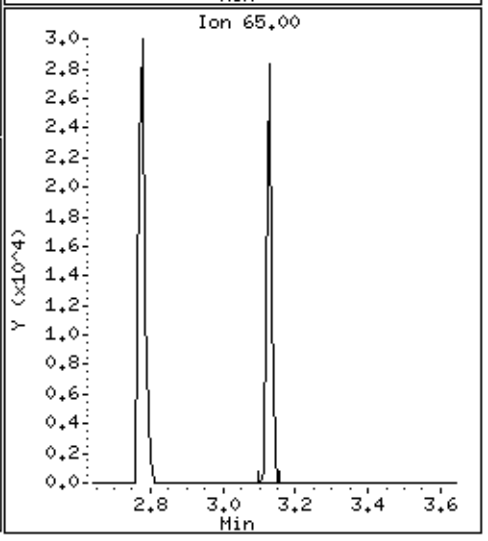


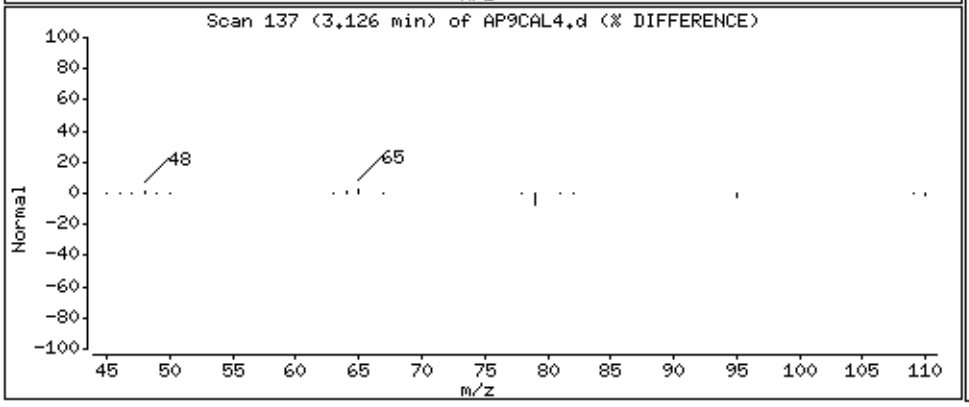












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

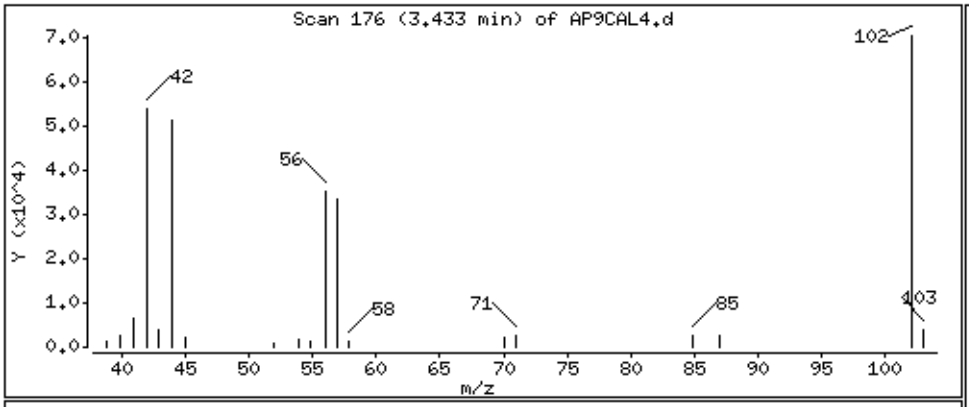
Operator: MJ

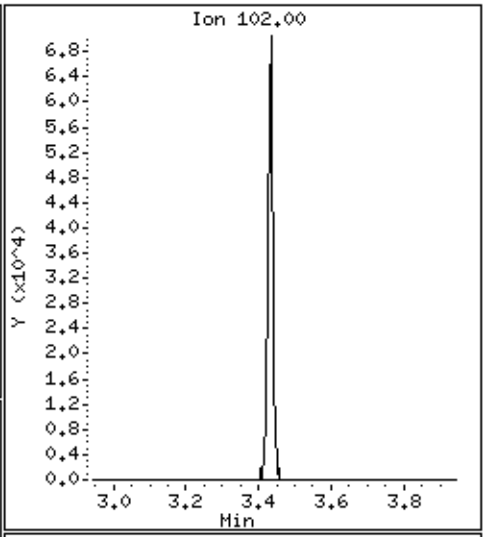
Column phase: HPMS-5

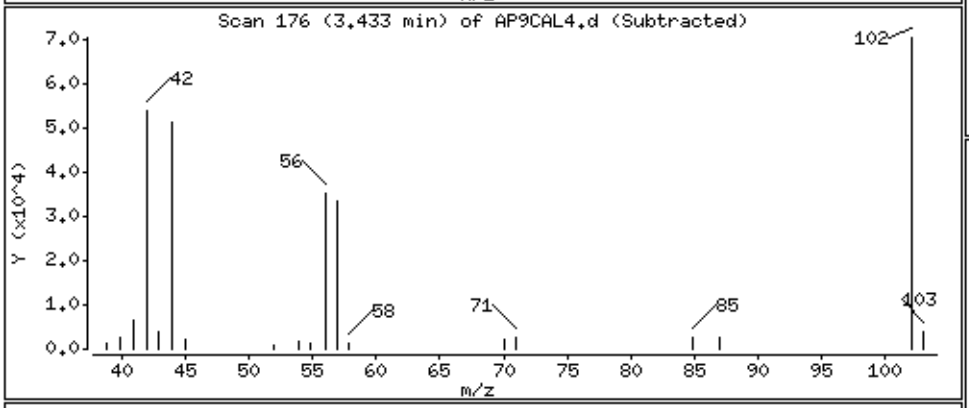
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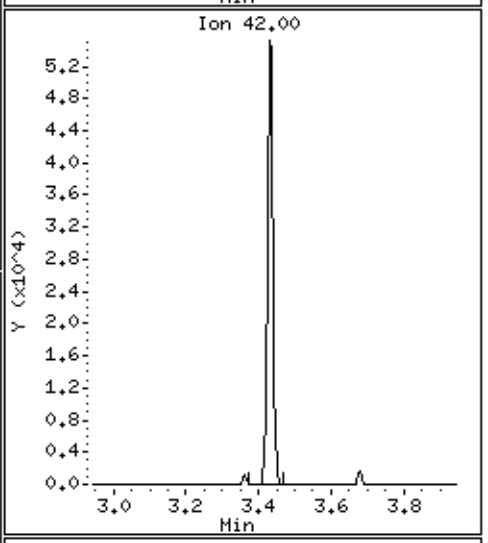
7 N-Nitrosodiethylamine

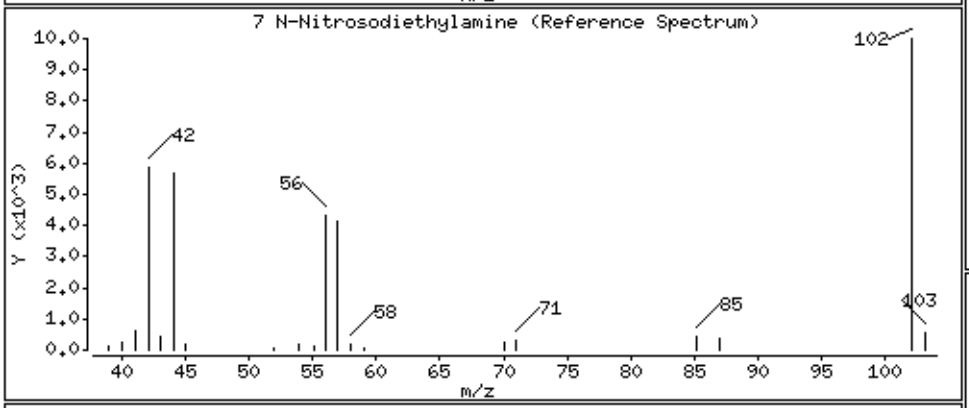
Concentration: 45.2 ug/l

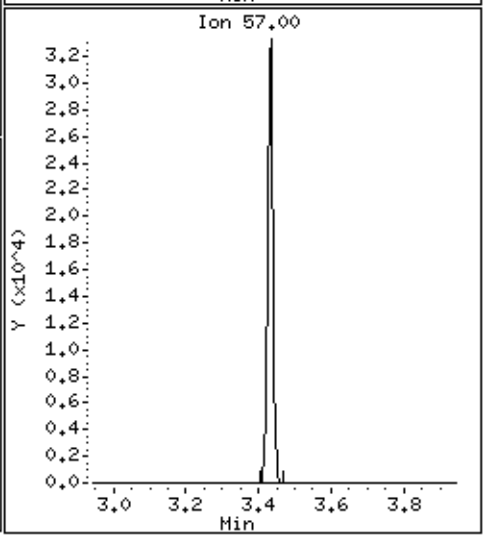


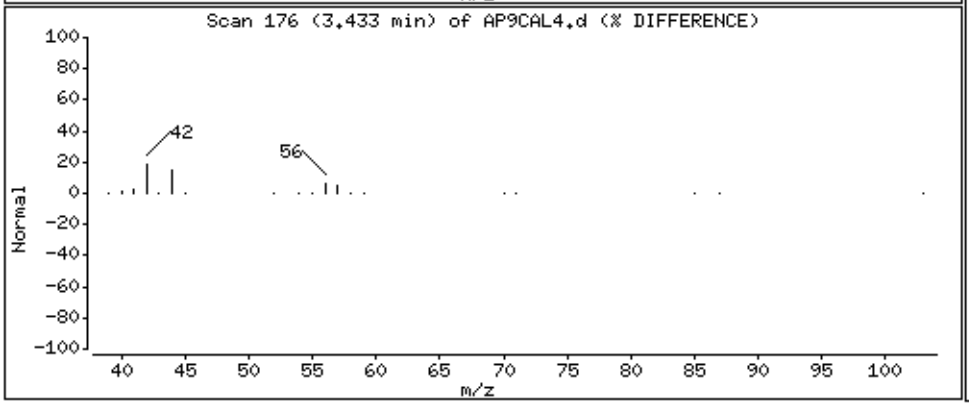












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

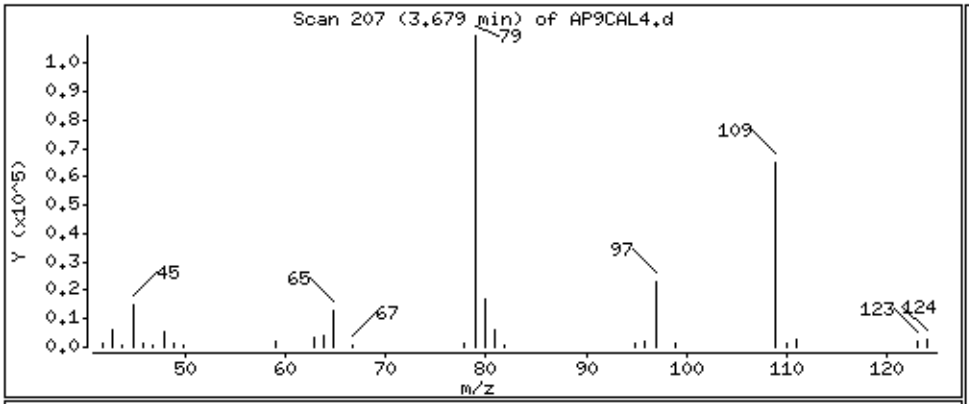
Operator: MJ

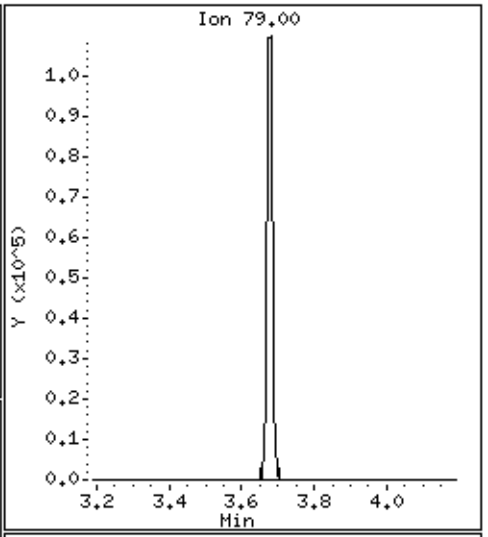
Column phase: HPMS-5

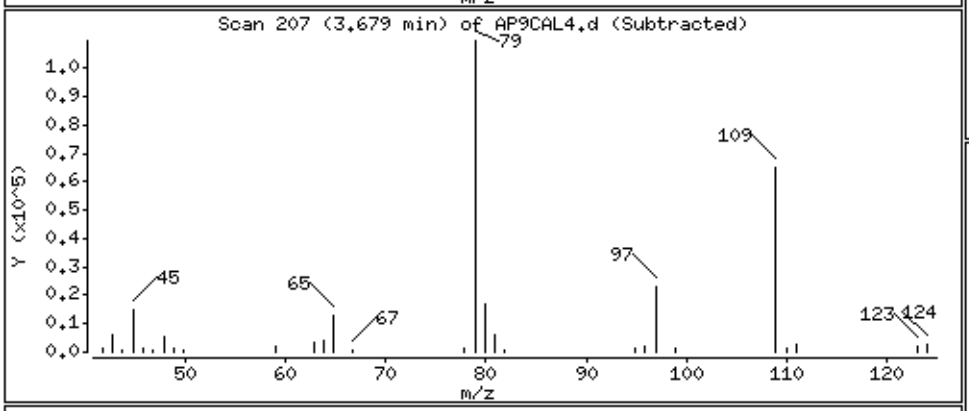
Column diameter: 0.25

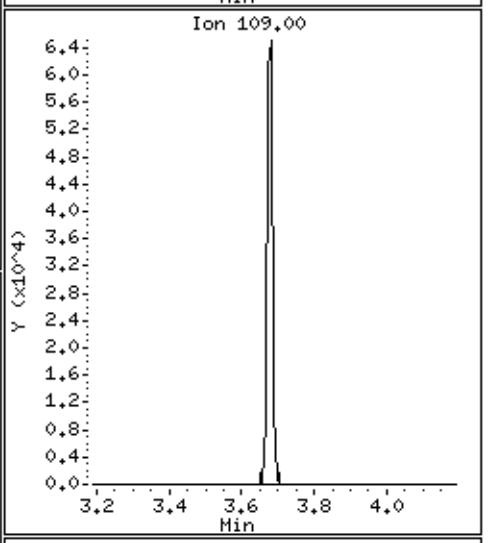
8 Ethyl Methanesulfonate

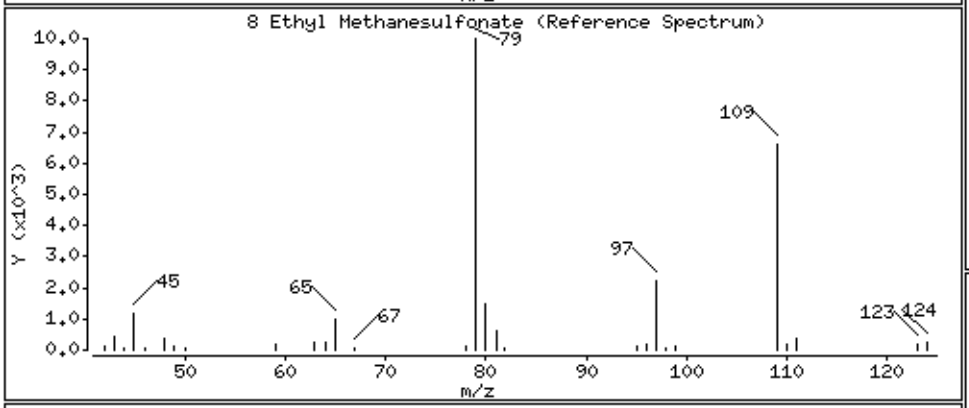
Concentration: 43.8 ug/l

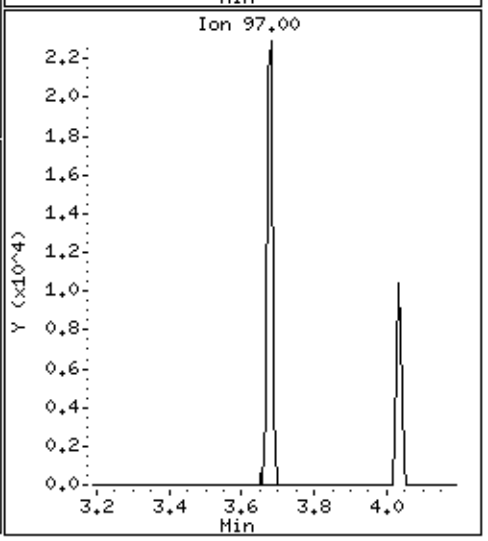


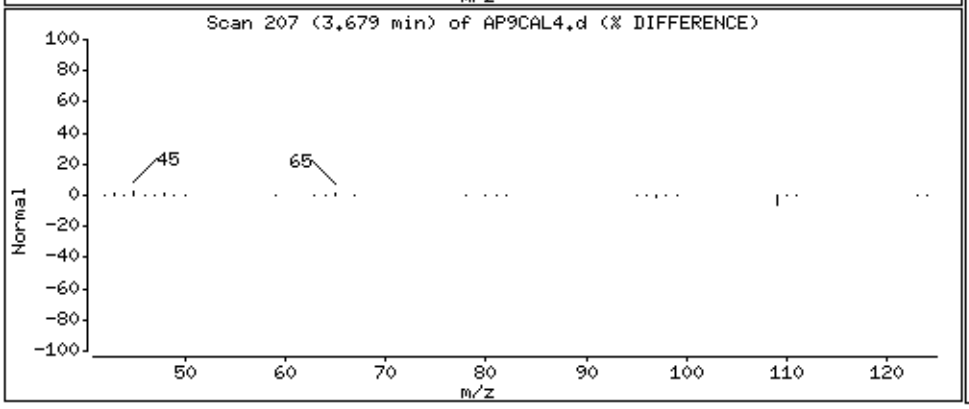












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

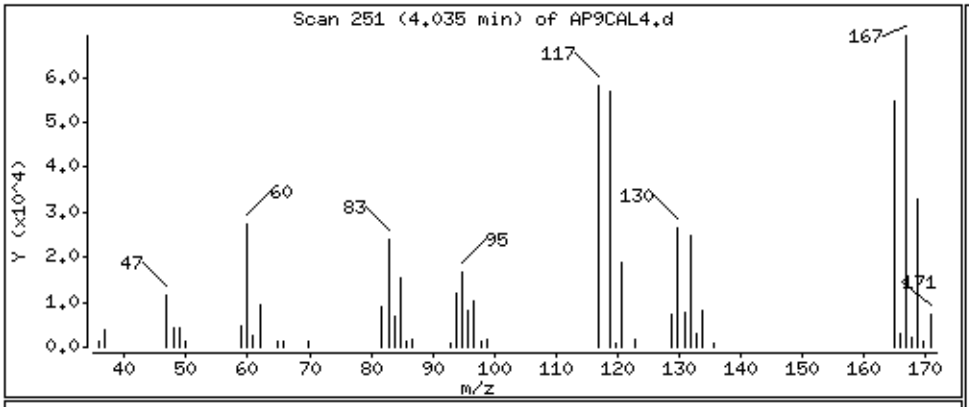
Operator: MJ

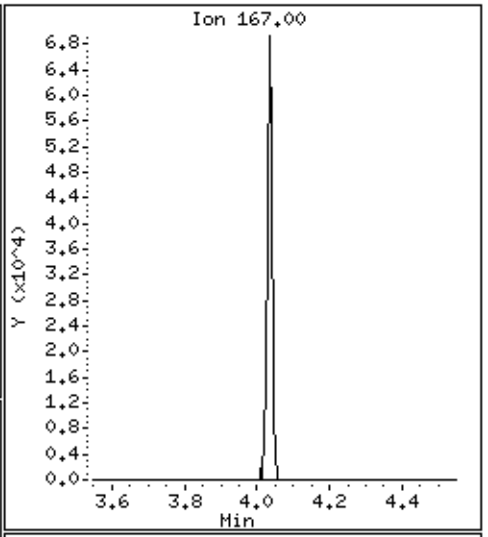
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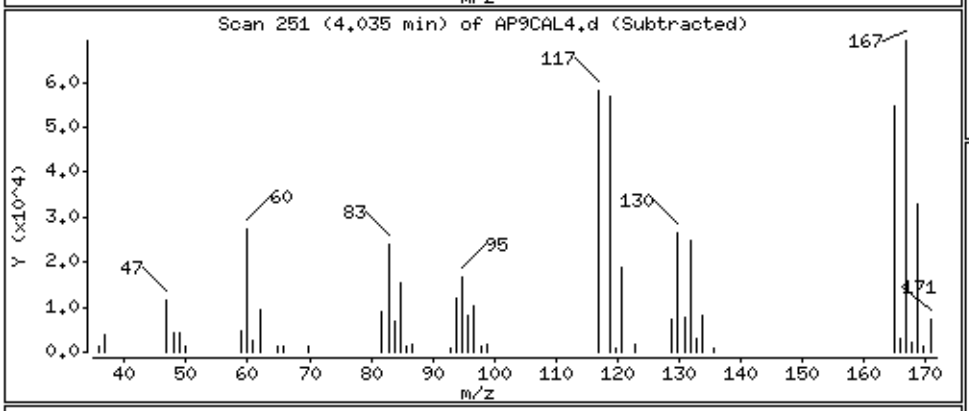
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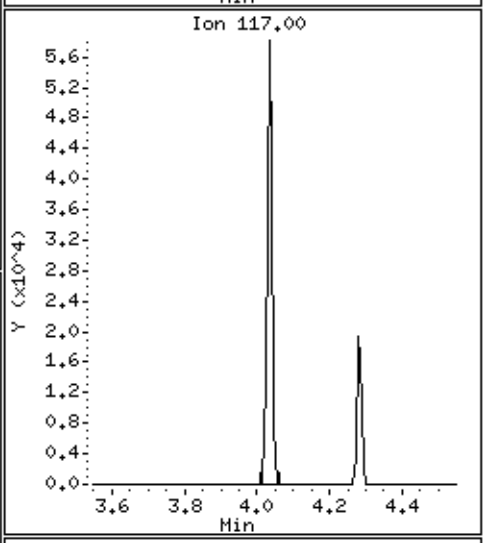
12 Pentachloroethane

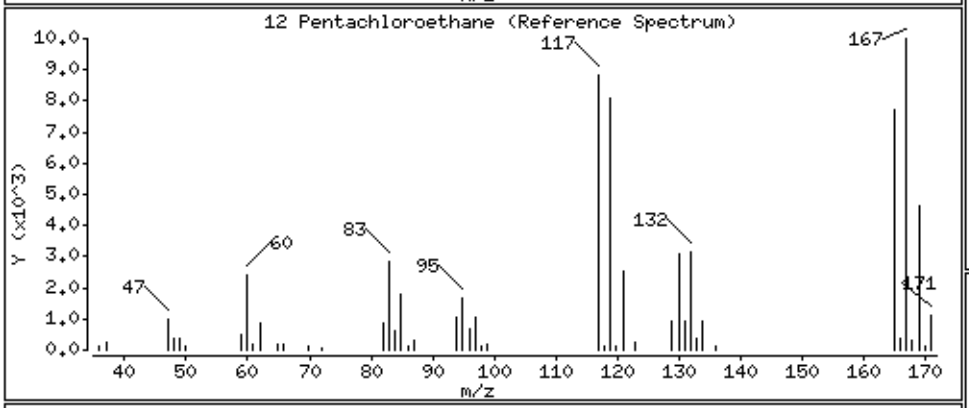
Concentration: 45.6 ug/l

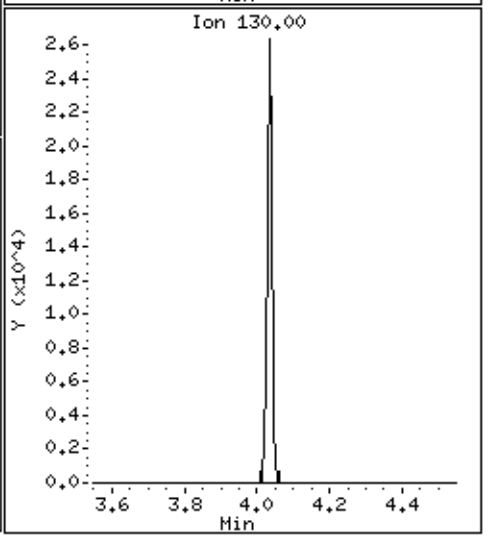


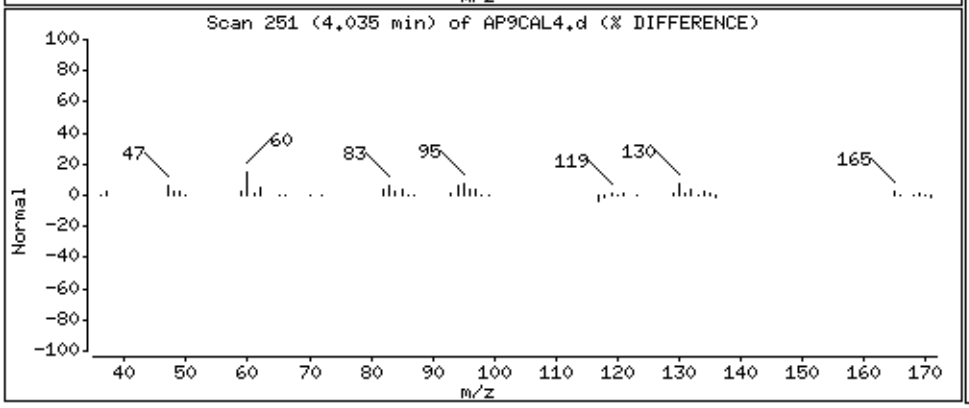












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

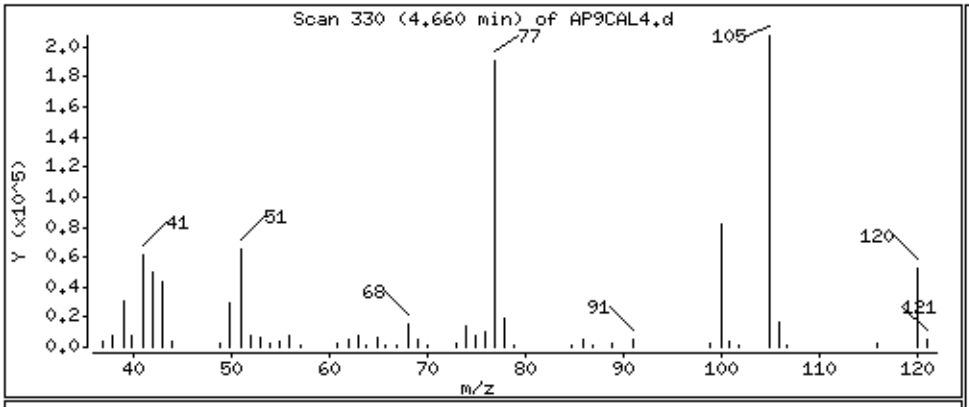
Operator: MJ

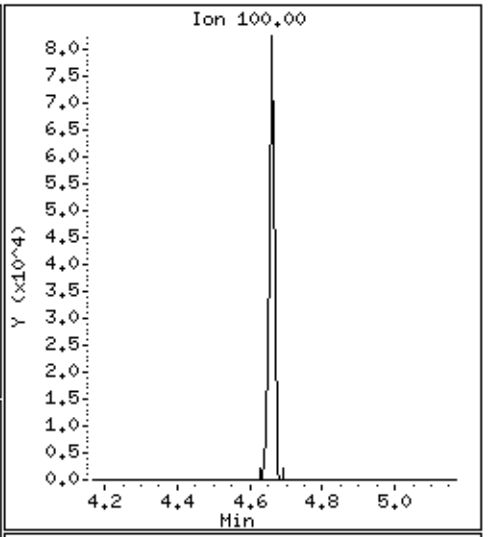
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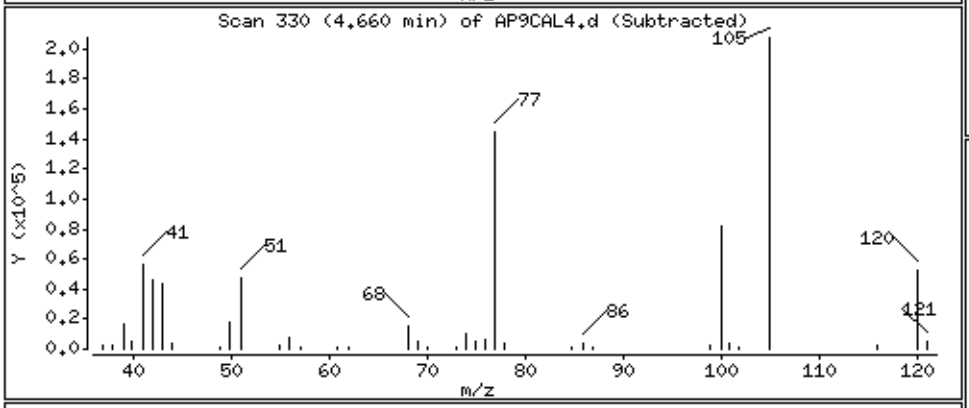
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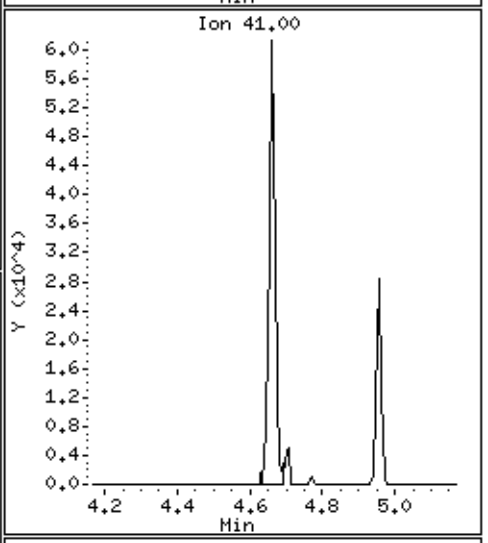
24 N-Nitrosopyrrolidine

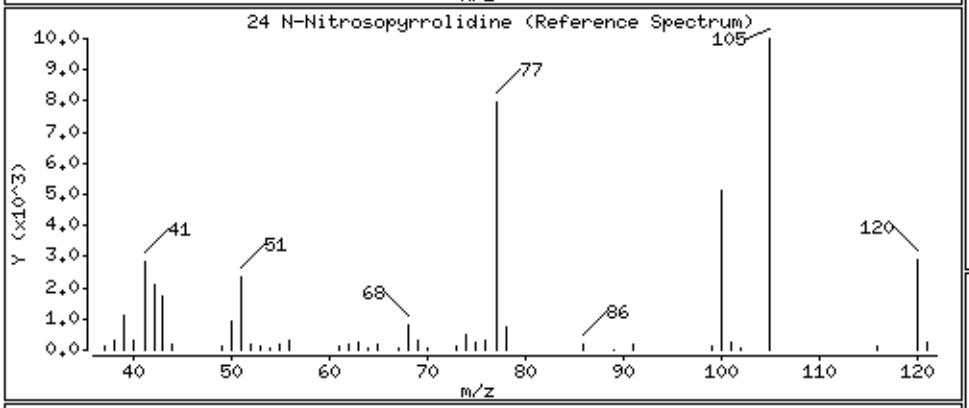
Concentration: 44.9 ug/l

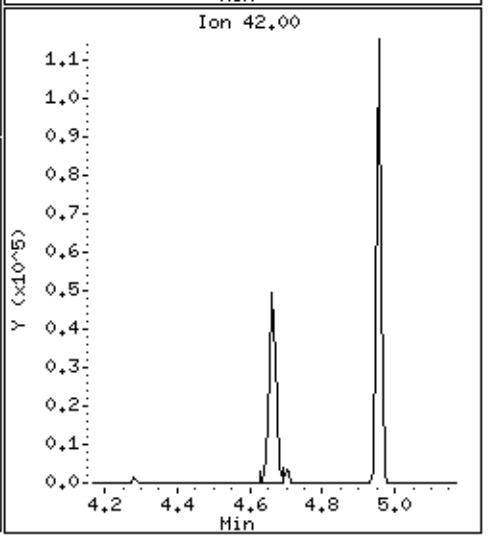


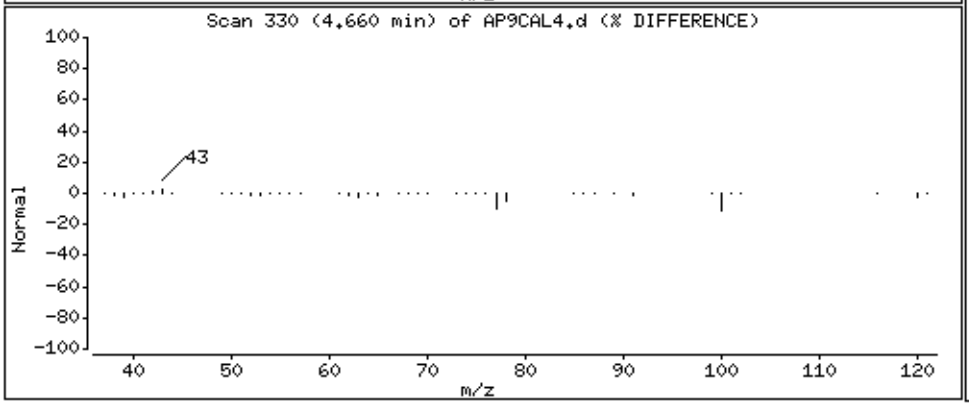












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Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

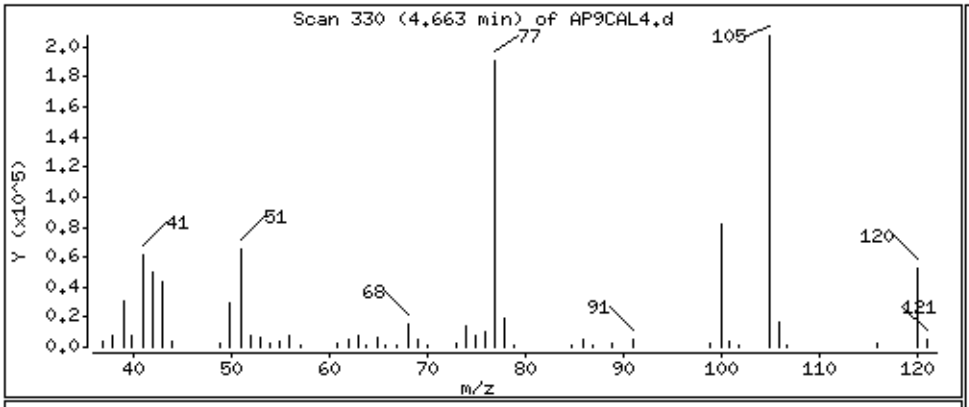
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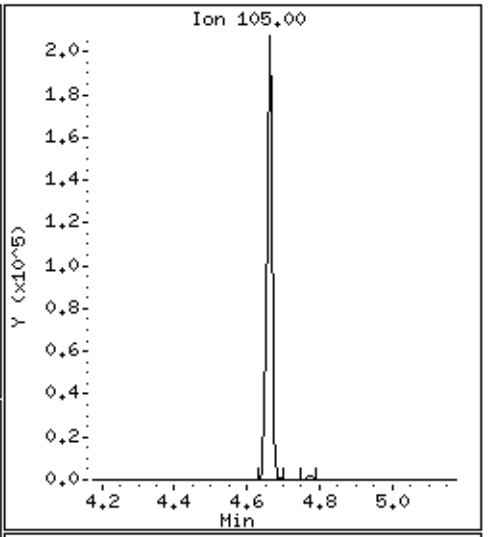
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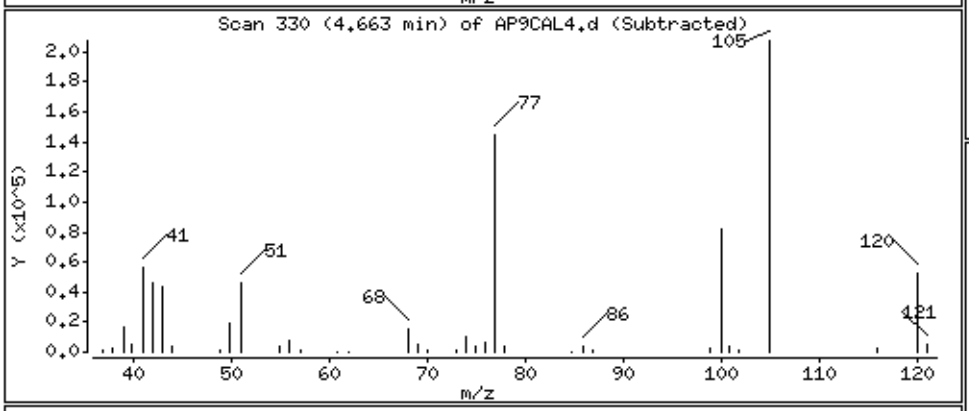
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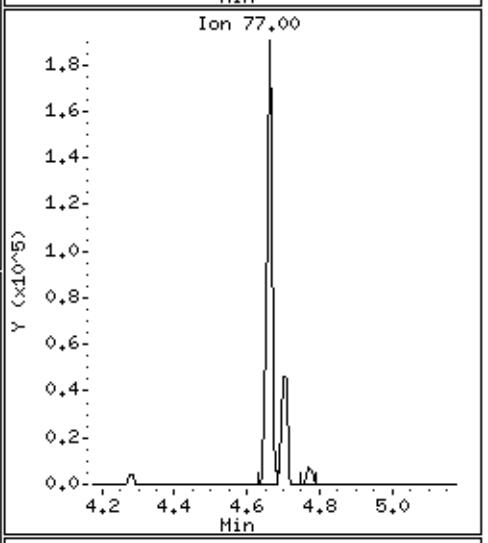
25 Acetophenone

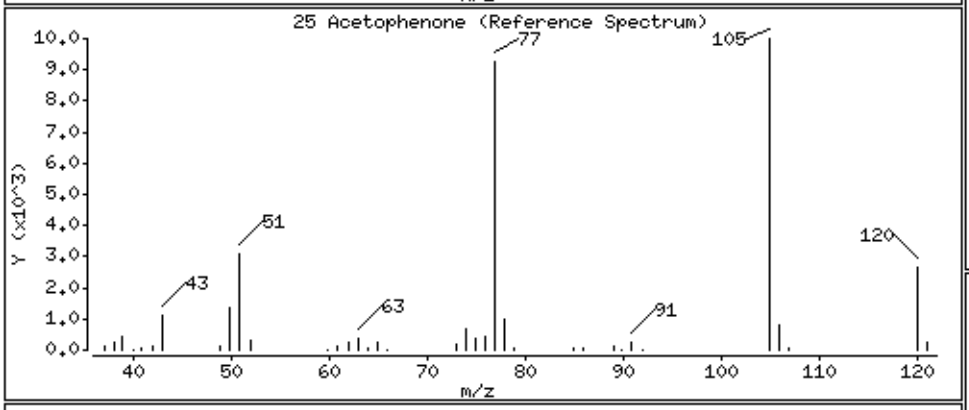
Concentration: 45.4 ug/l

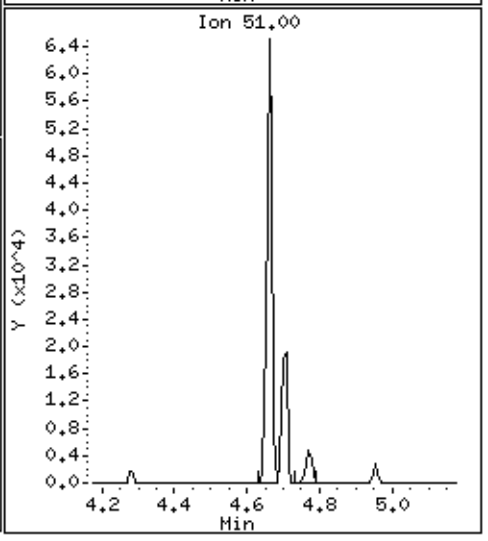


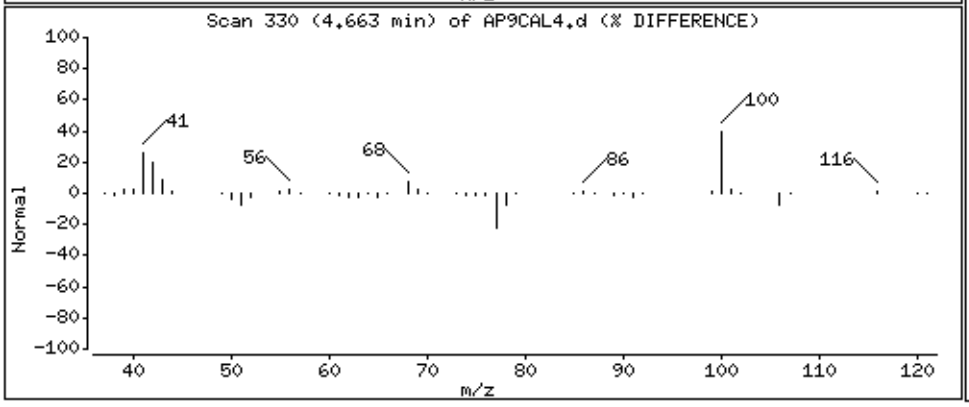












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

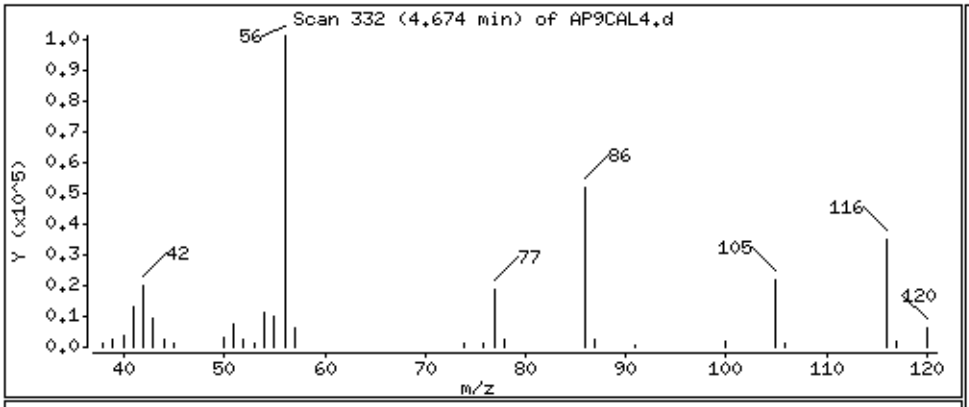
Operator: MJ

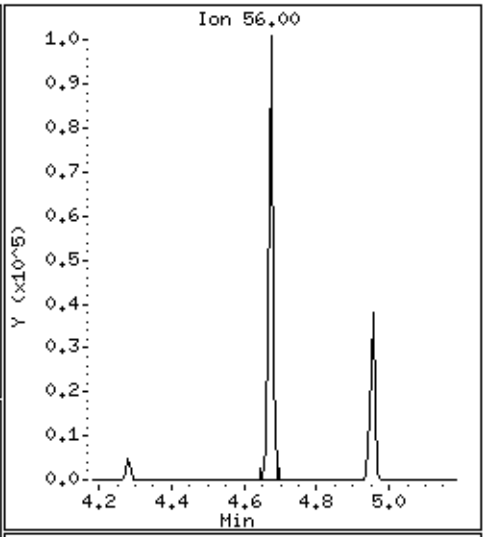
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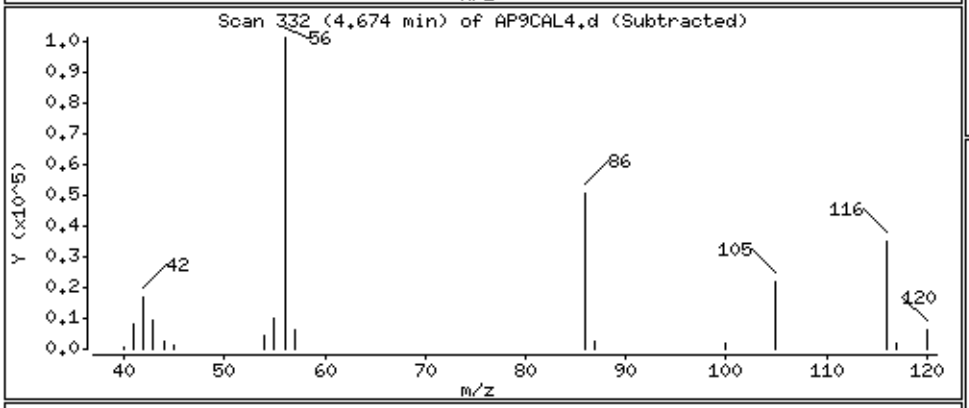
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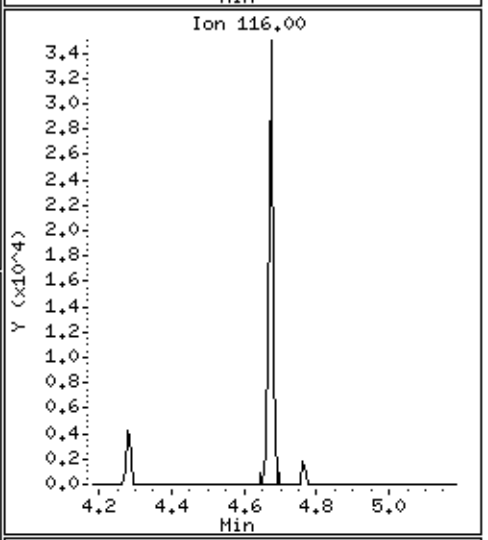
27 N-Nitrosomorpholine

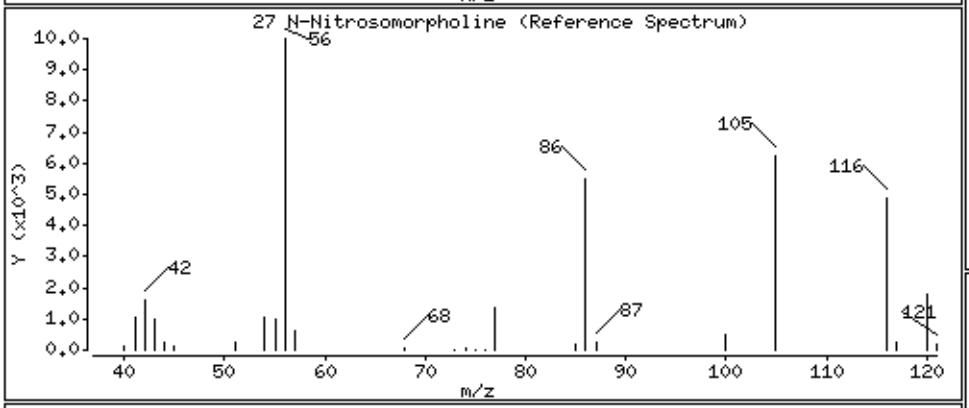
Concentration: 42.2 ug/l

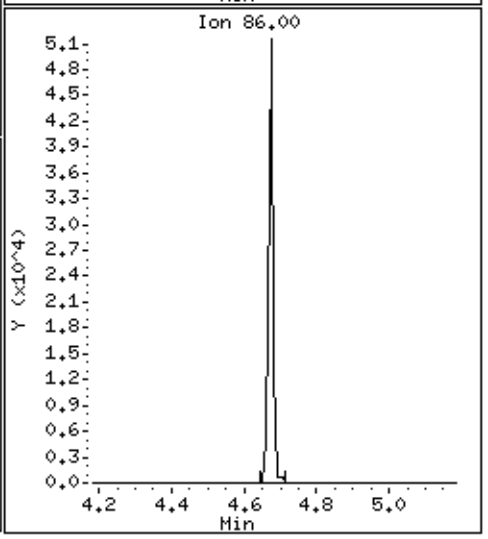


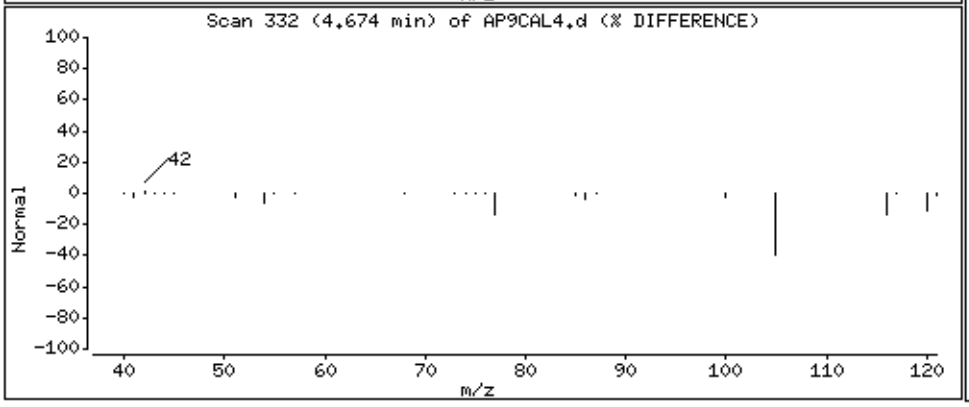












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Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

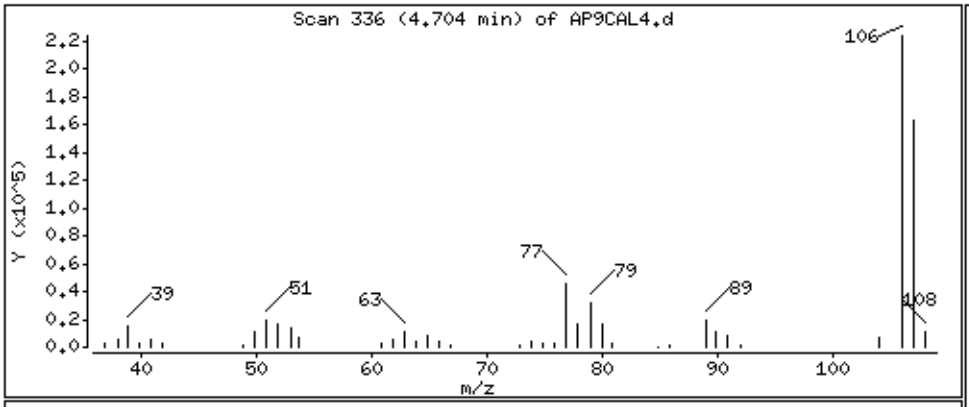
Operator: MJ

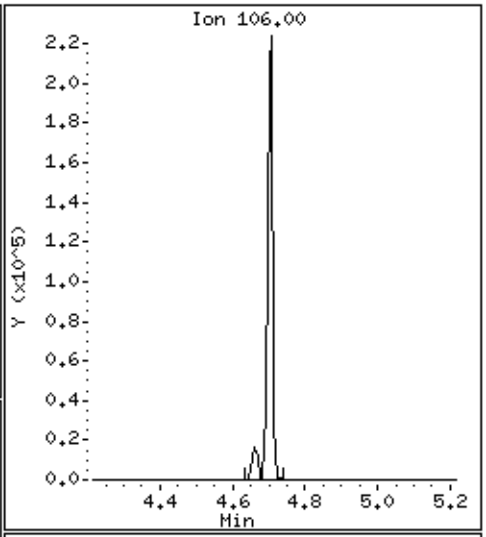
Column phase: HPMS-5

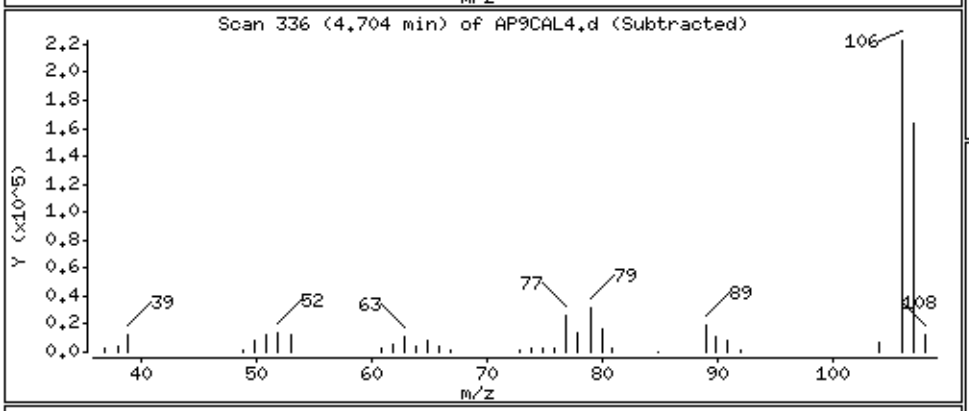
Column diameter: 0.25

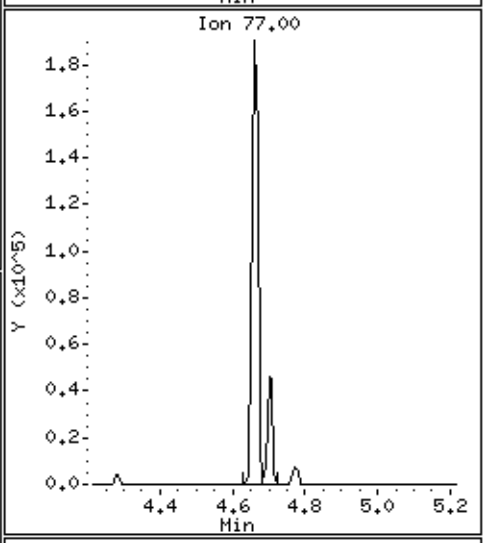
29 o-Toluidine

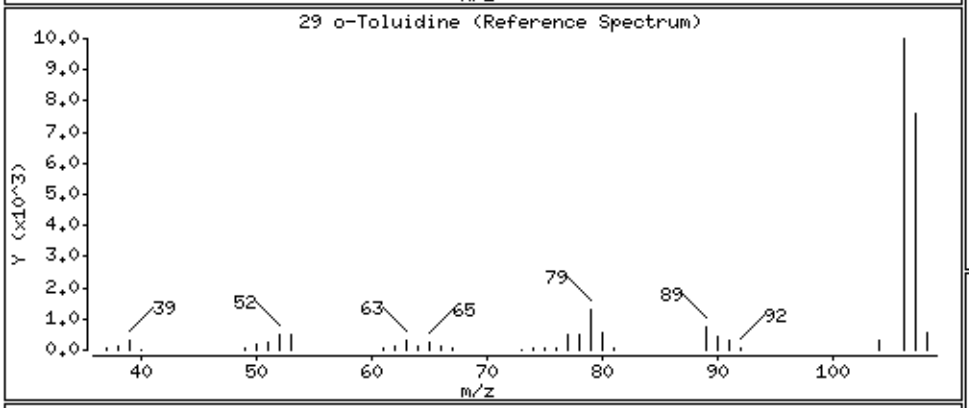
Concentration: 45.0 ug/l

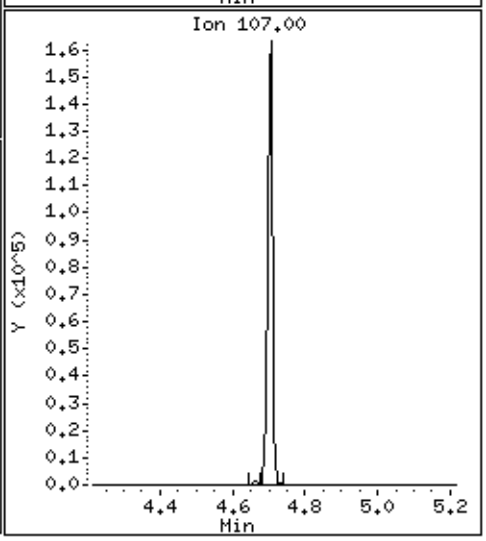


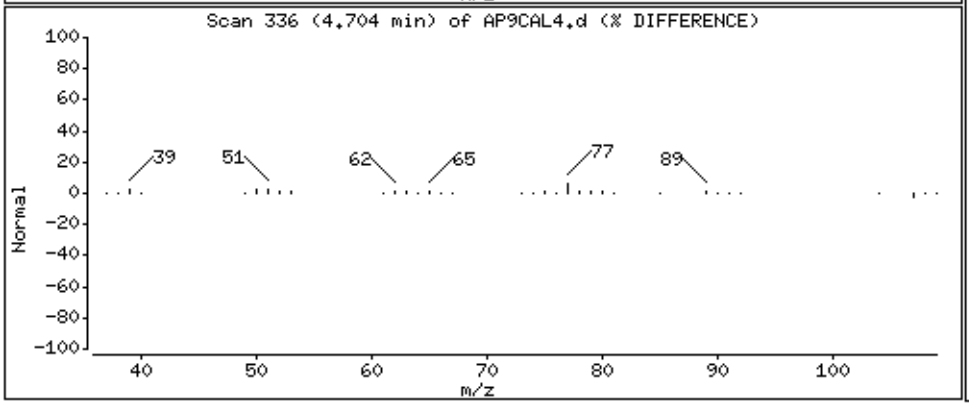












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

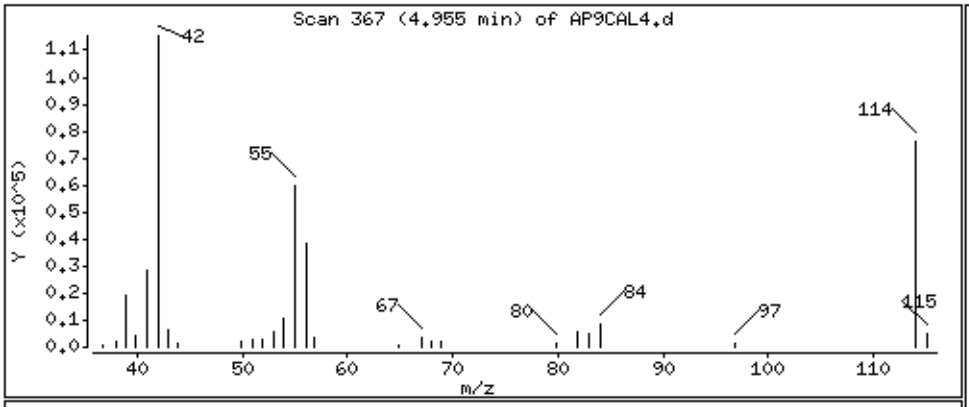
Operator: MJ

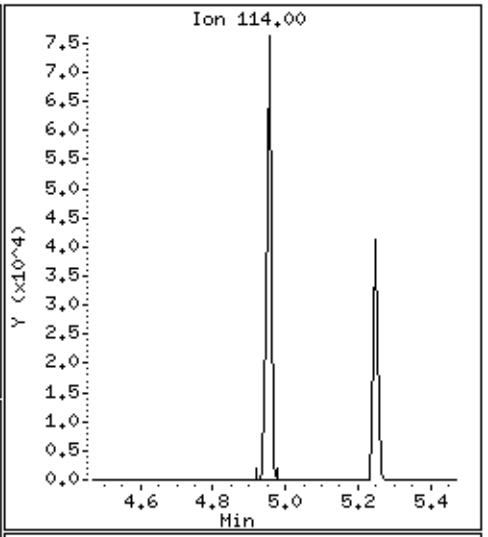
Column phase: HPMS-5

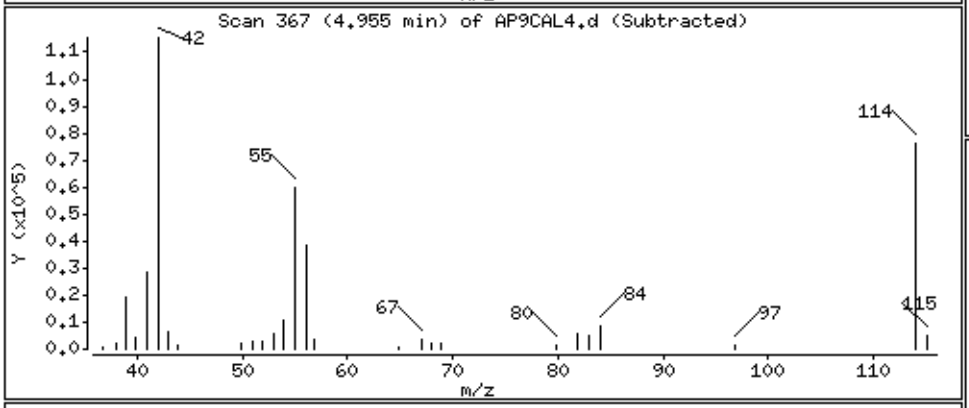
Column diameter: 0.25

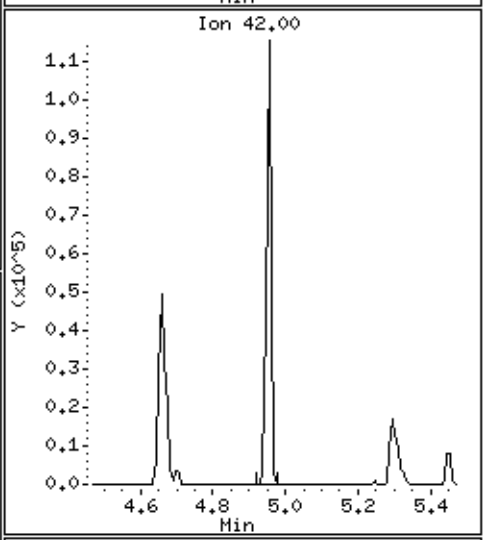
33 N-Nitrosopiperidine

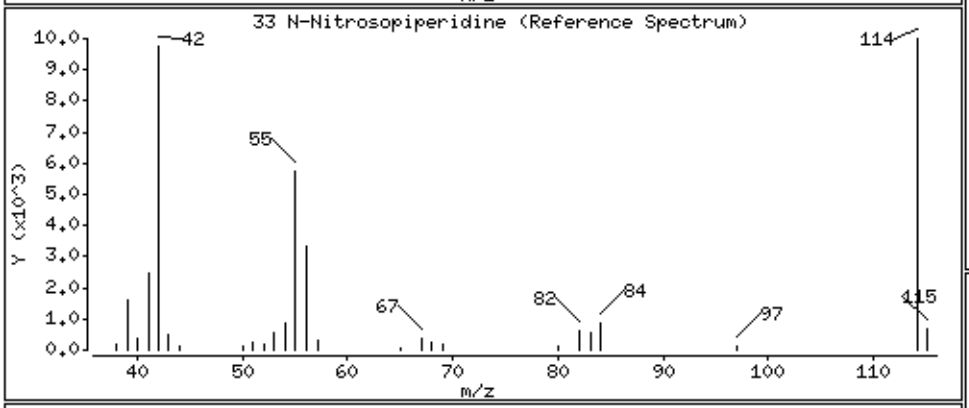
Concentration: 45.0 ug/l

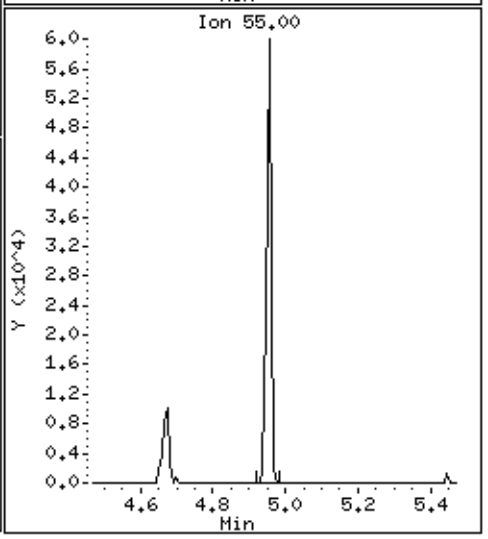


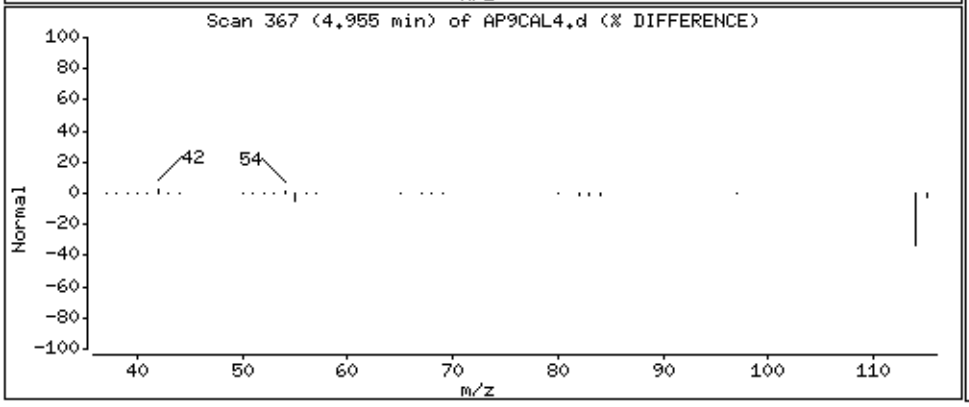












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

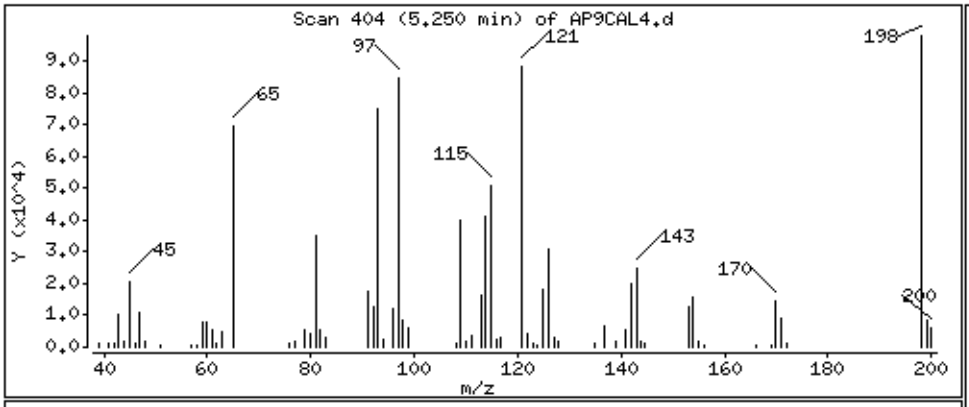
Operator: MJ

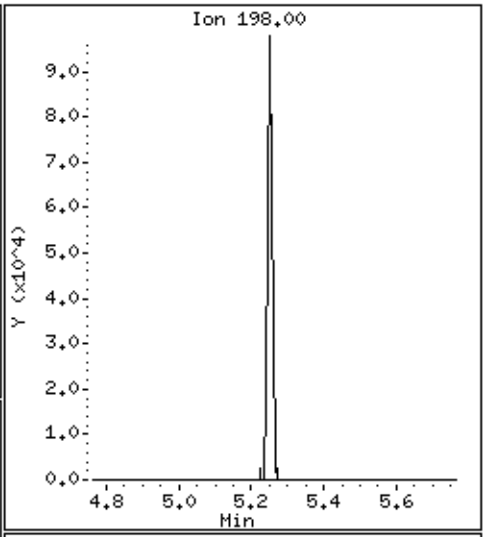
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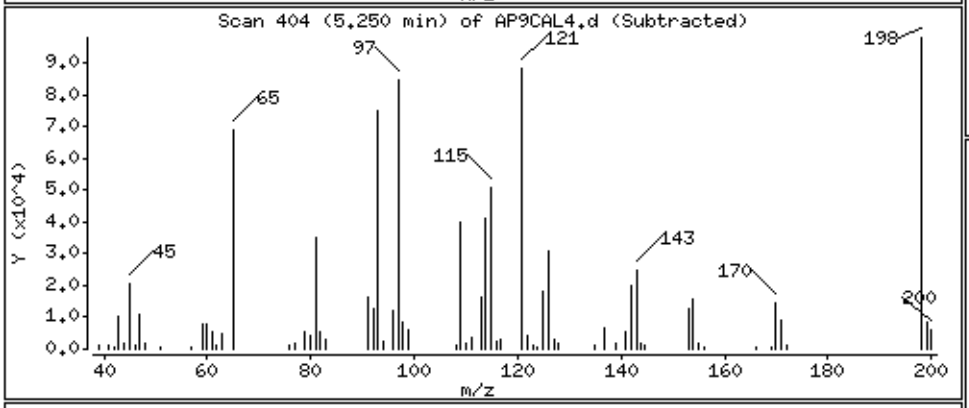
Column diameter: 0.25

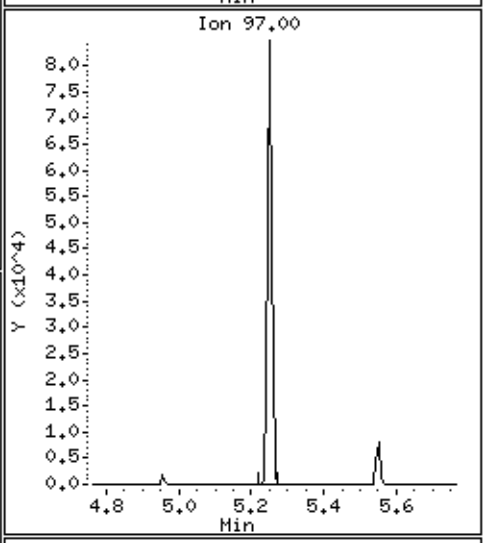
37 o,o,o-Triethylphosphorothioate

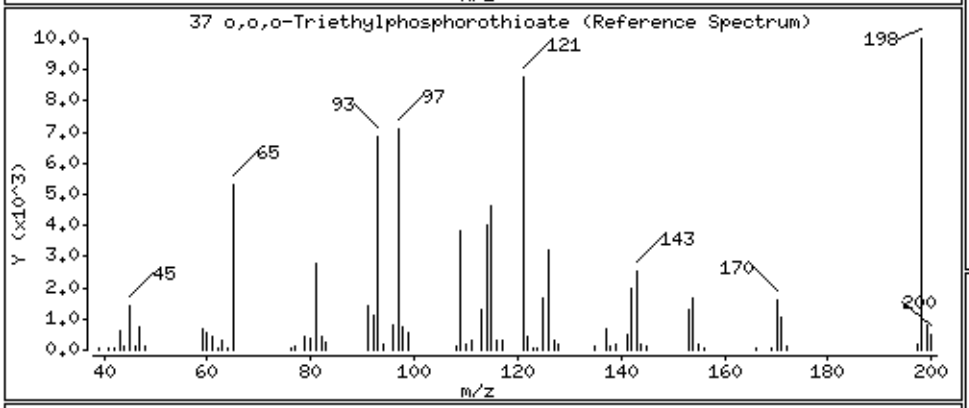
Concentration: 45.2 ug/l

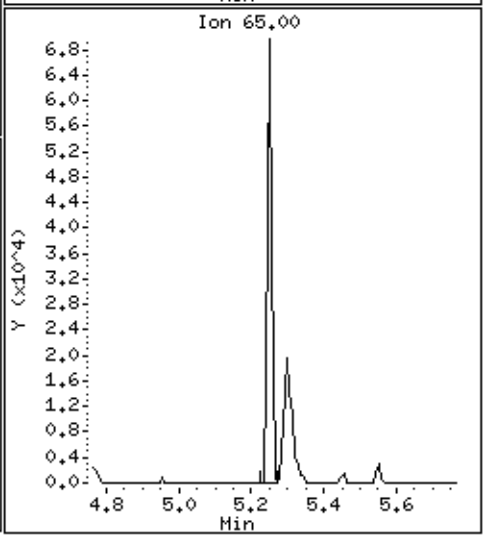


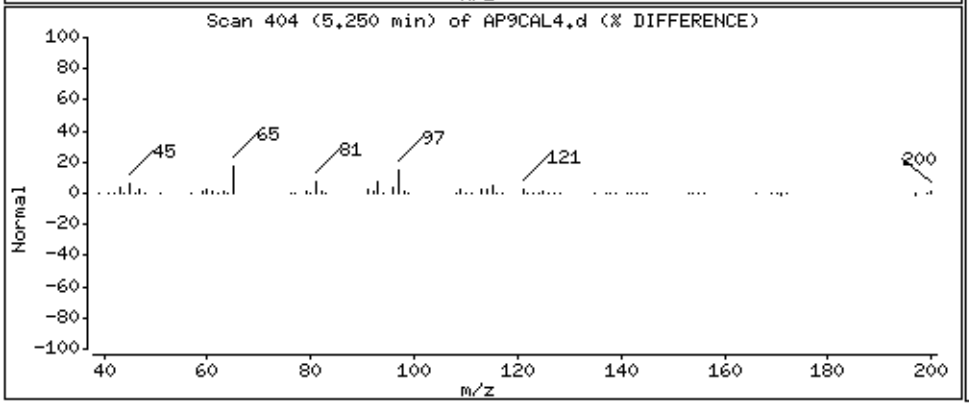












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

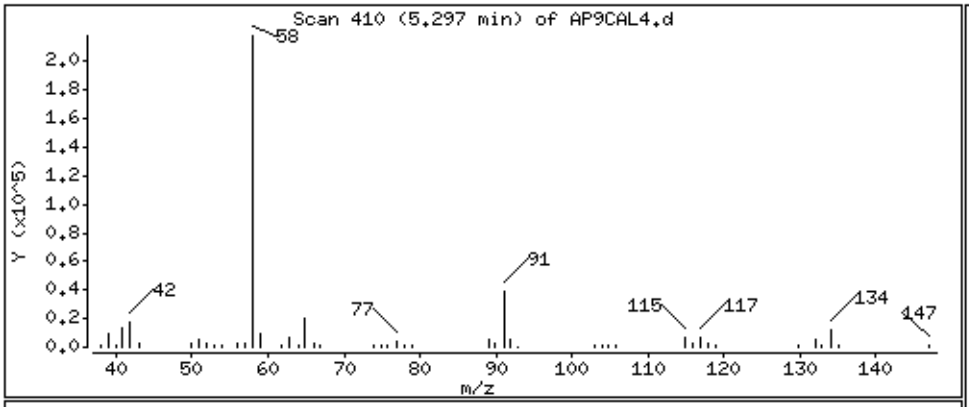
Operator: MJ

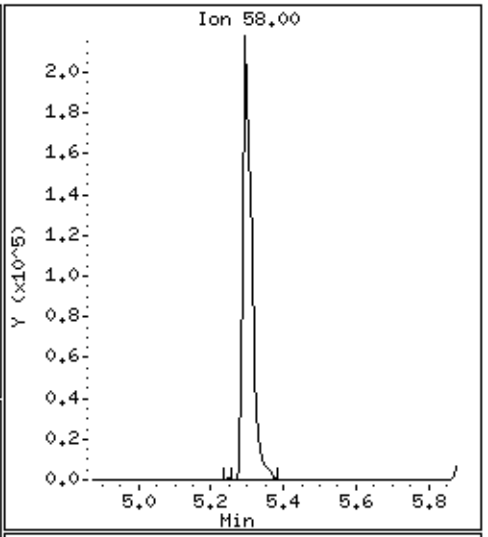
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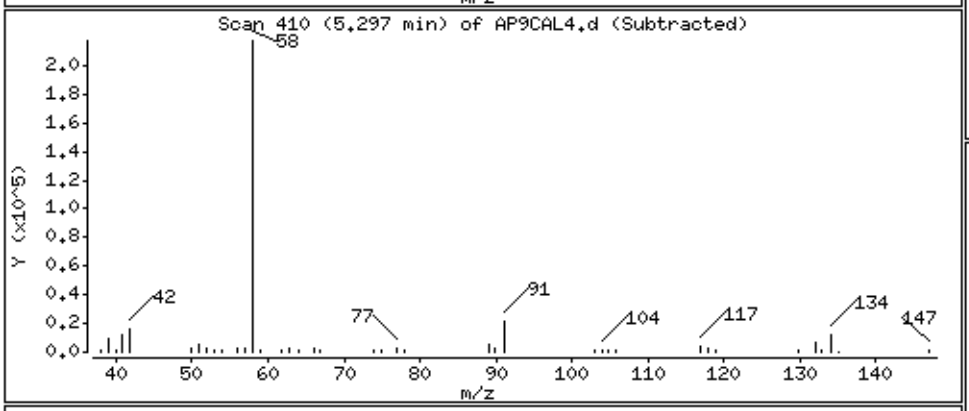
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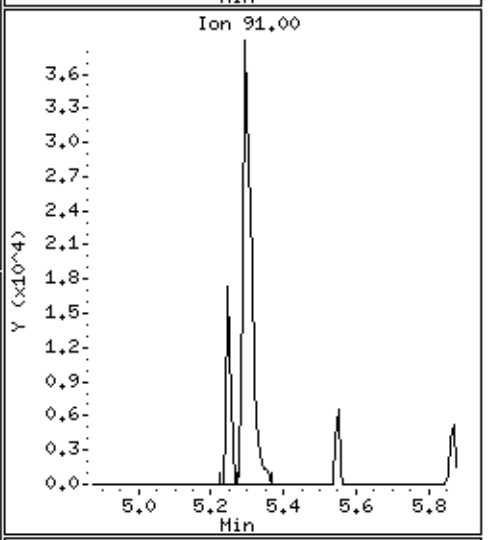
39 a,a-Dimethylphenethylamine

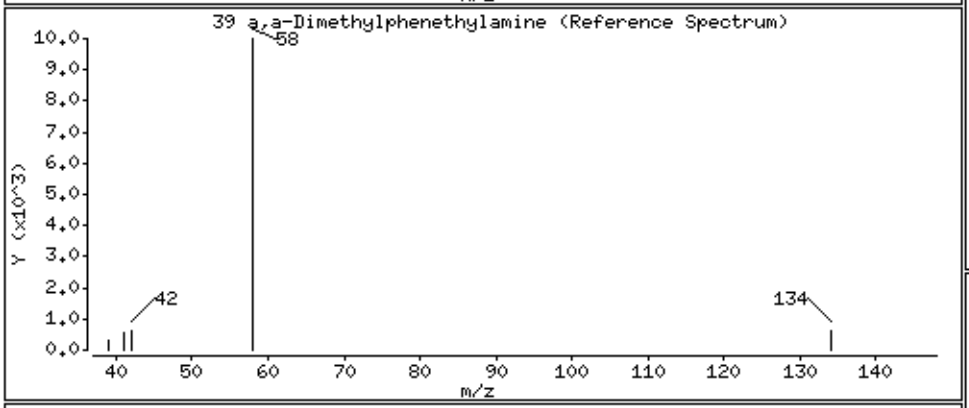
Concentration: 43.6 ug/l

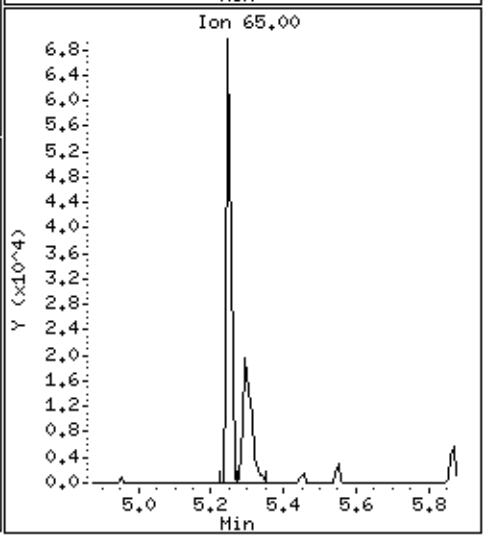


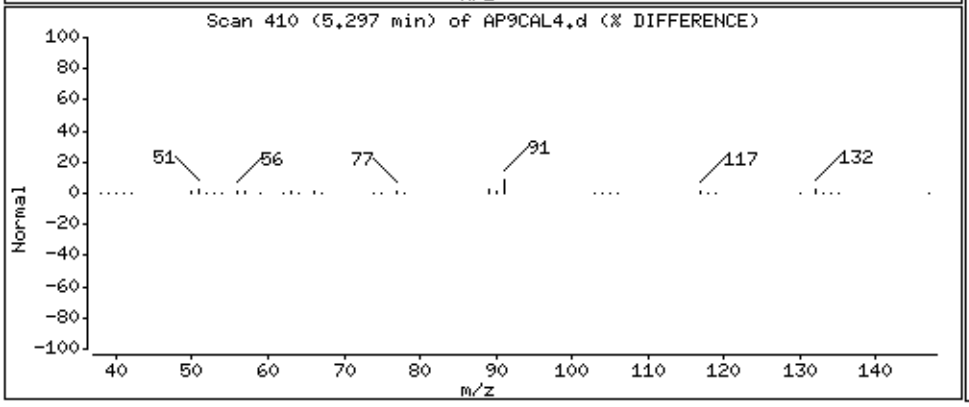












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

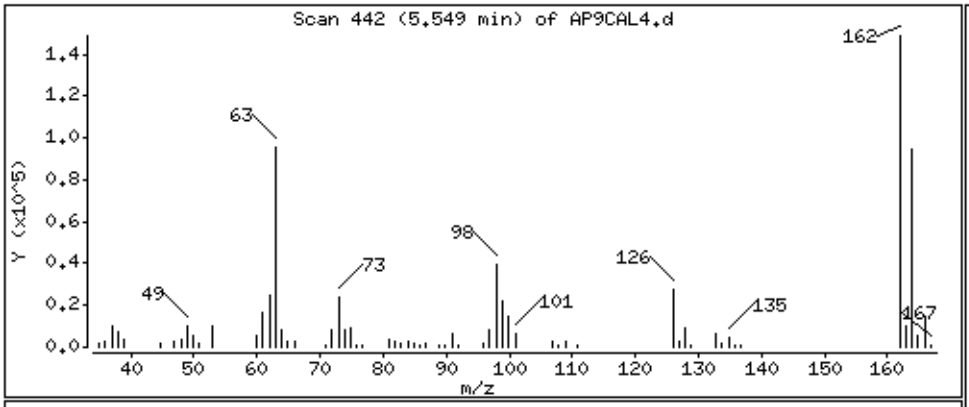
Operator: MJ

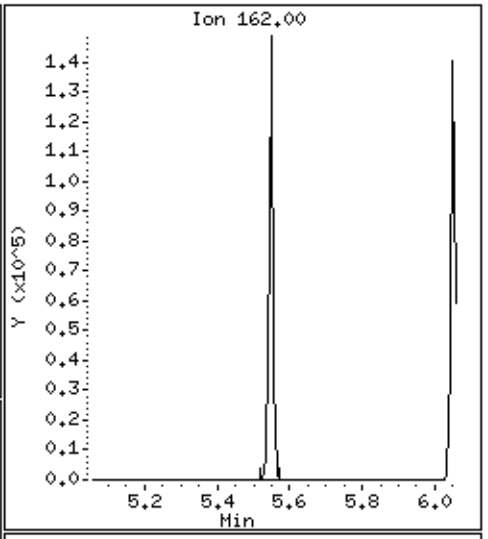
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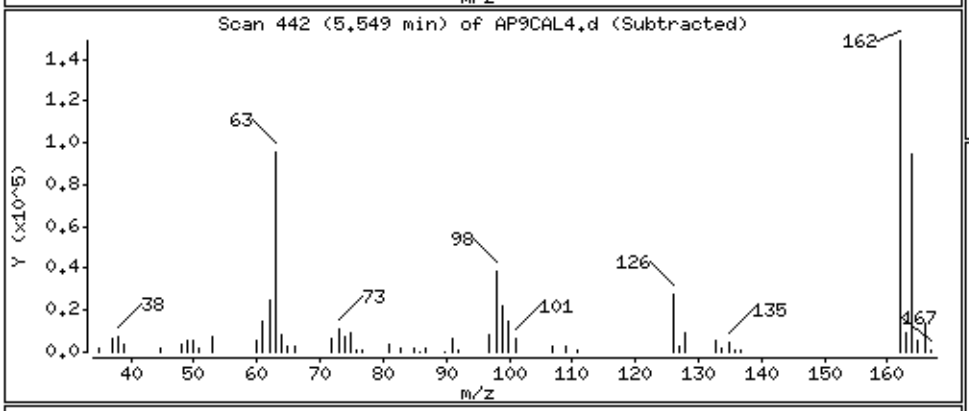
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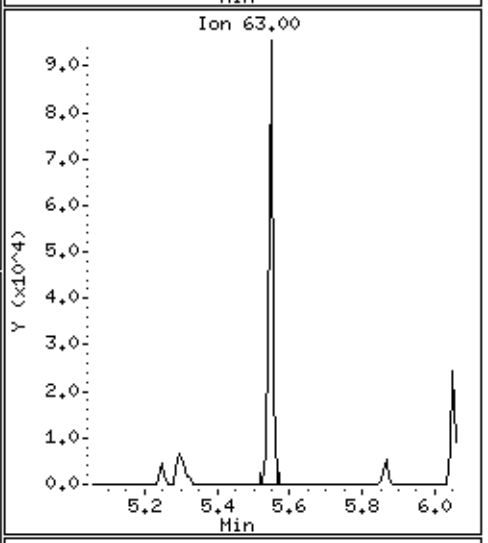
46 2,6-Dichlorophenol

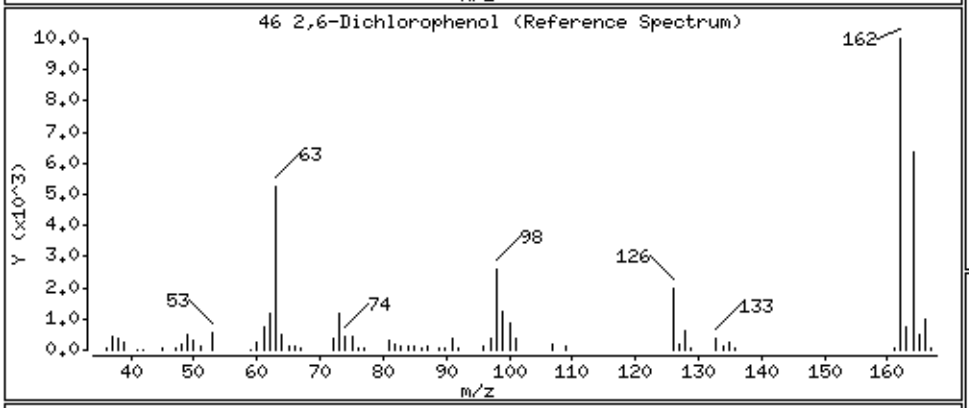
Concentration: 47.8 ug/l

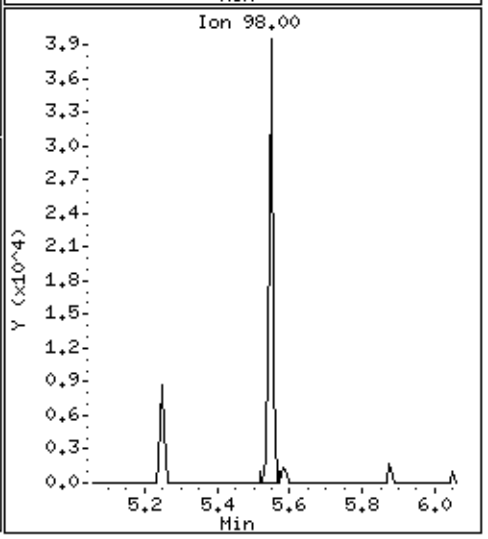


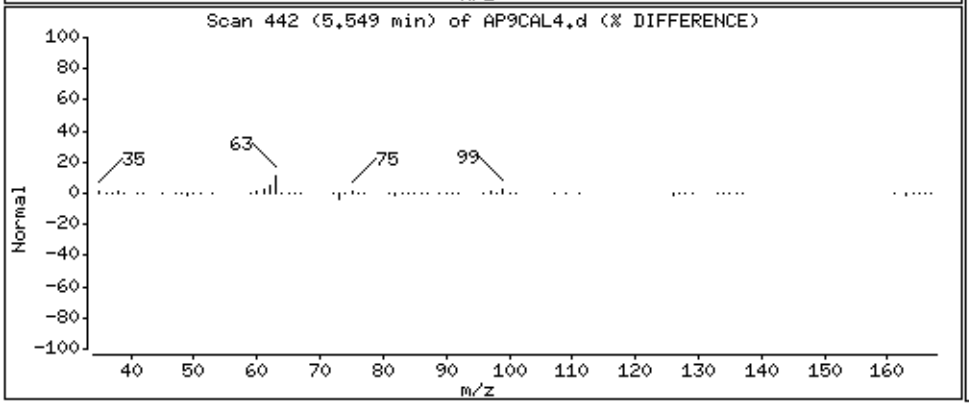












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

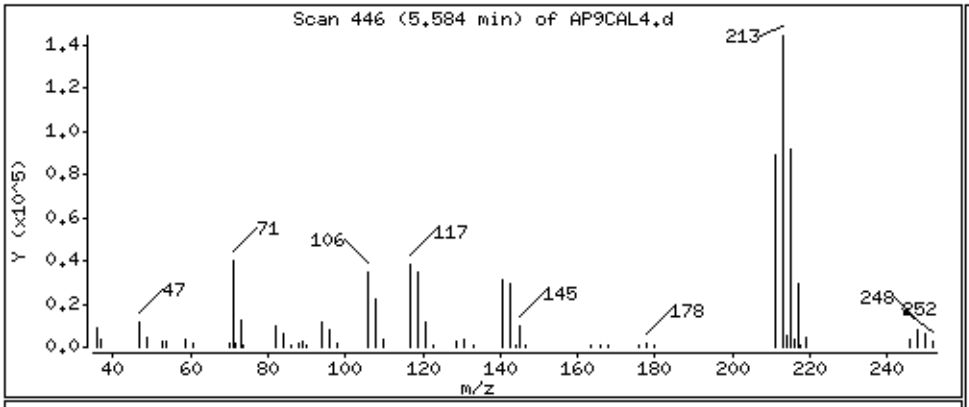
Operator: MJ

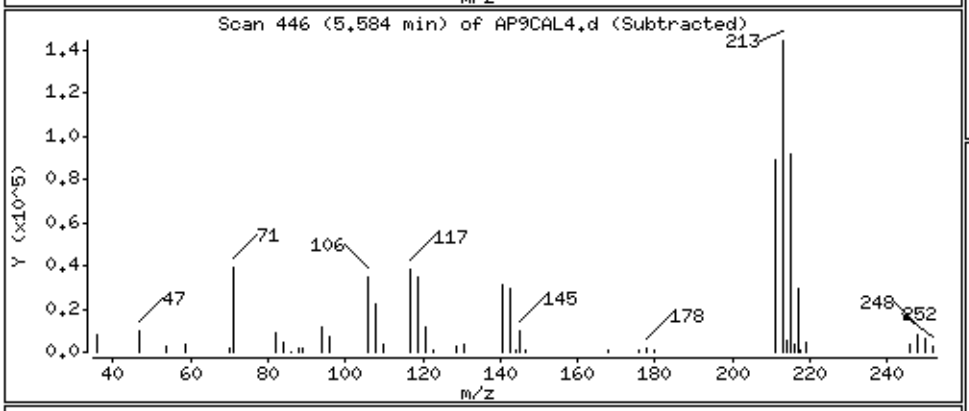
Column phase: HPMS-5

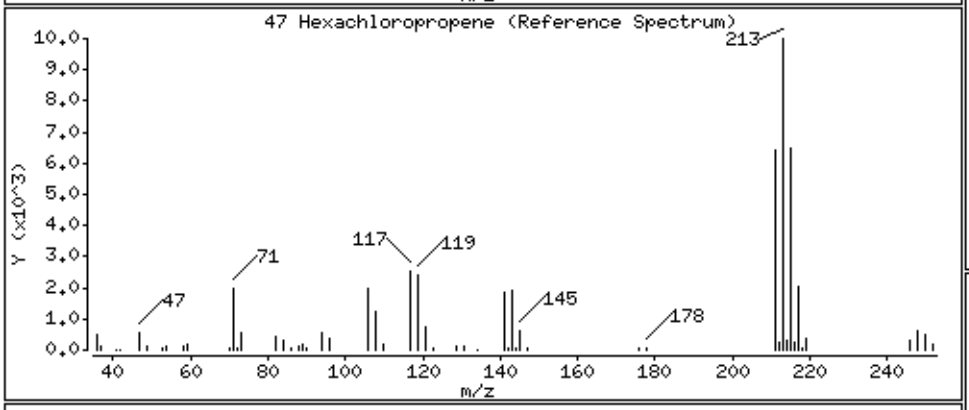
Column diameter: 0.25

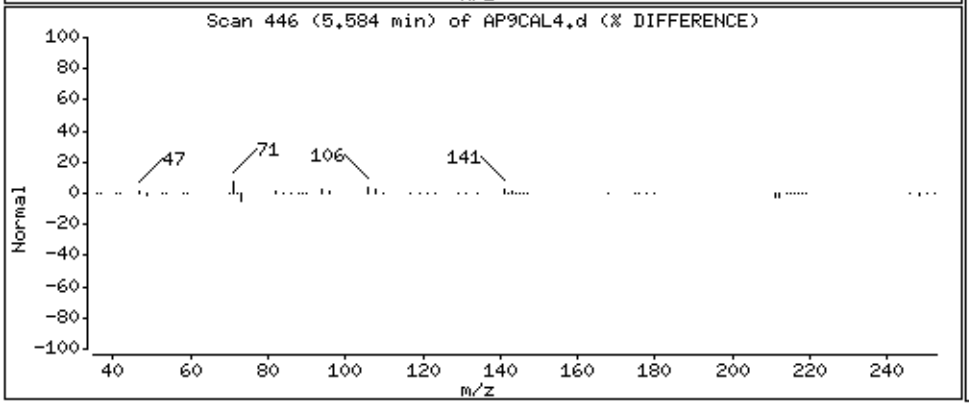
47 Hexachloropropene

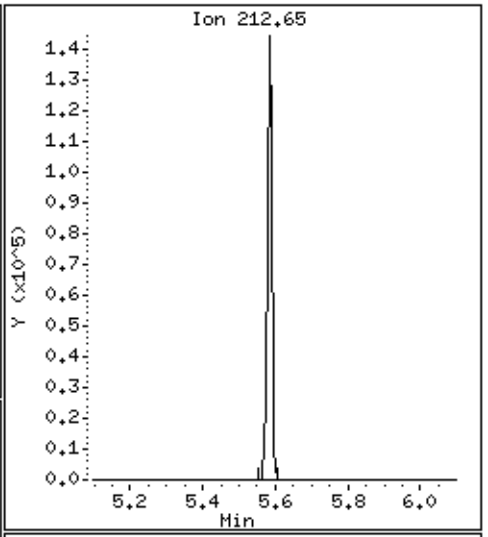
Concentration: 53.5 ug/l

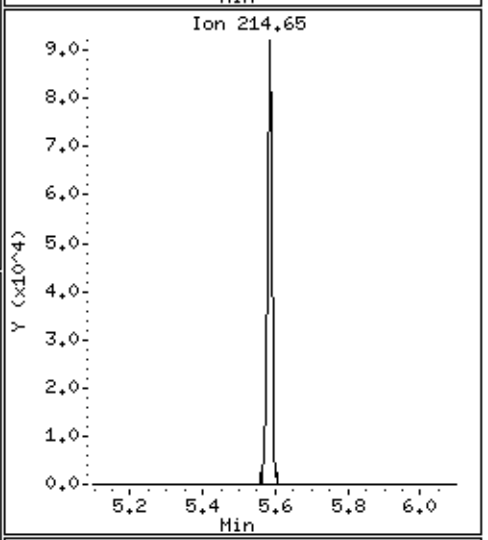


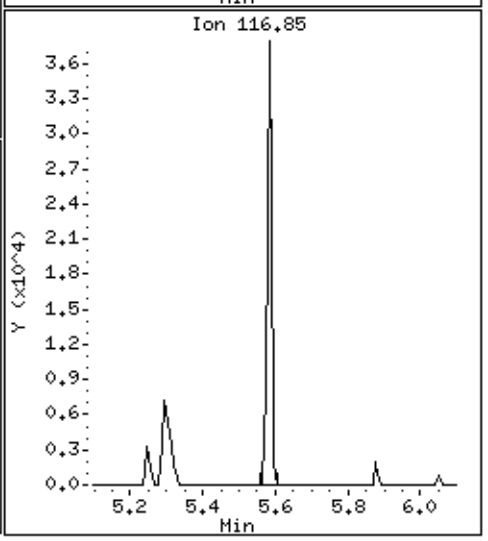












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

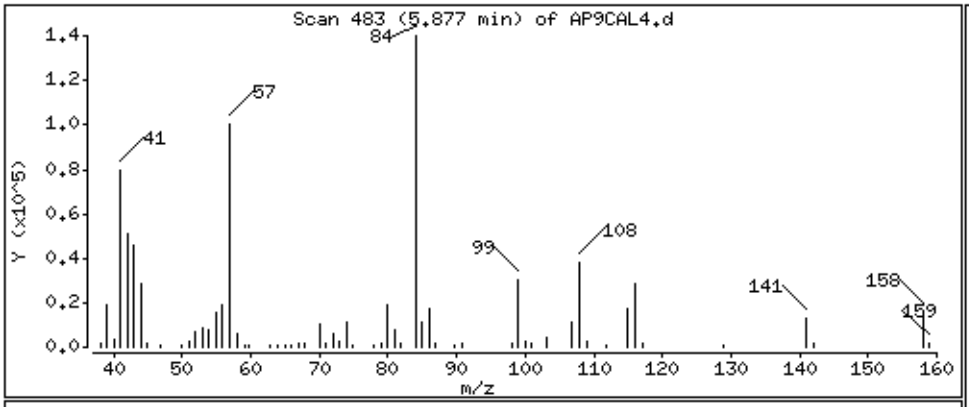
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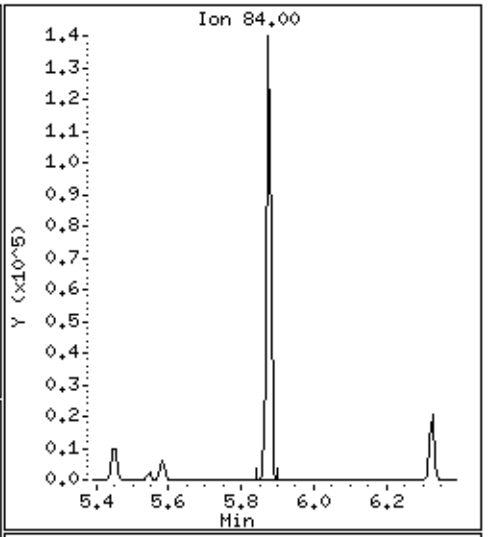
Column phase: HPMS-5

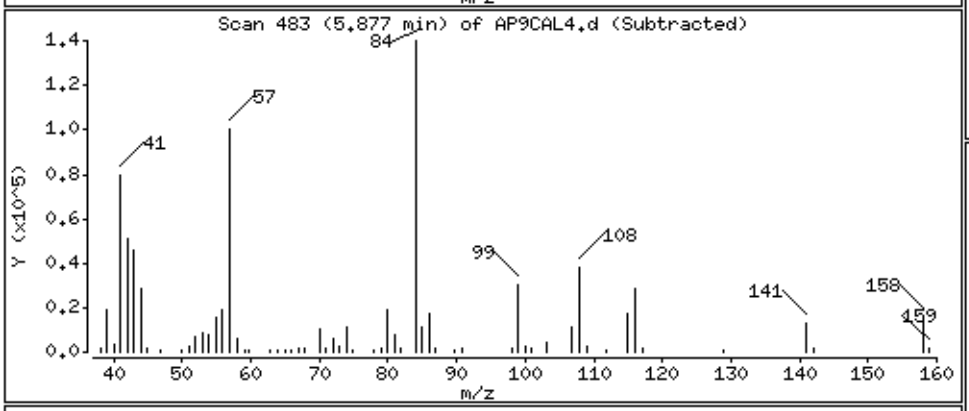
Column diameter: 0.25

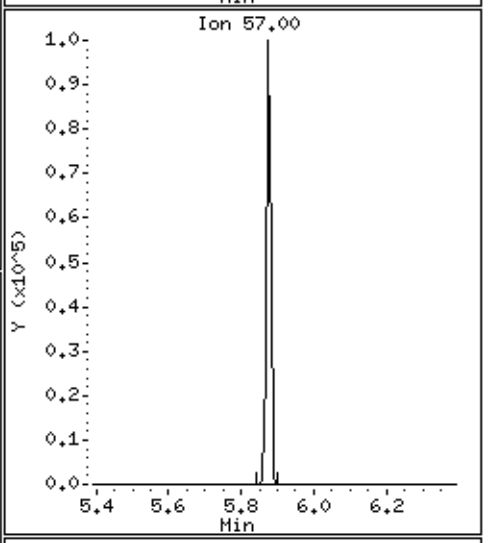
49 N-Nitrosodi-n-butylamine

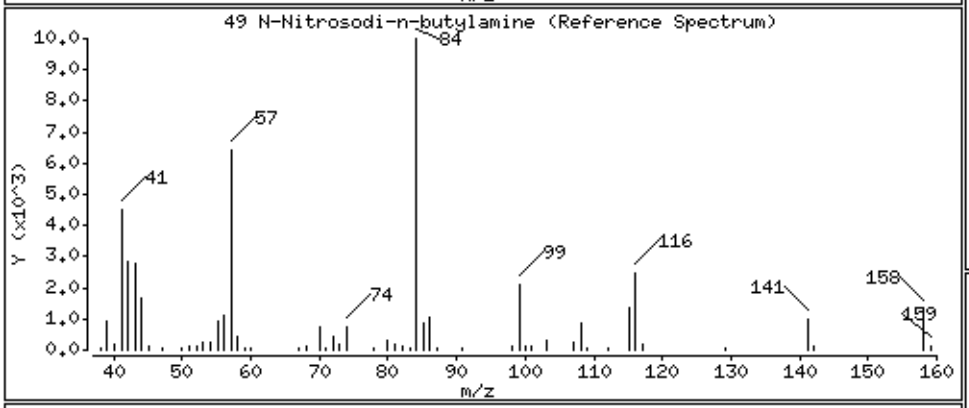
Concentration: 44.7 ug/l

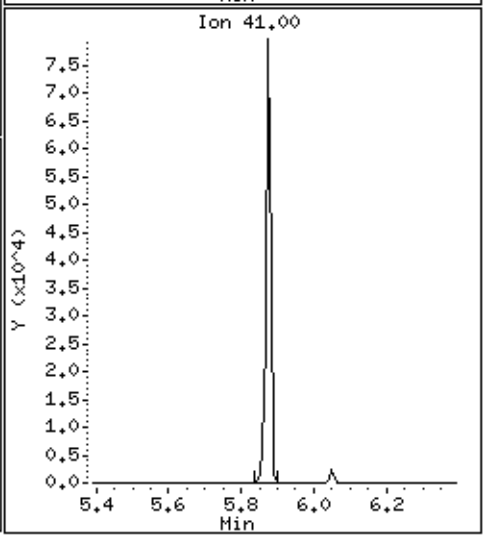


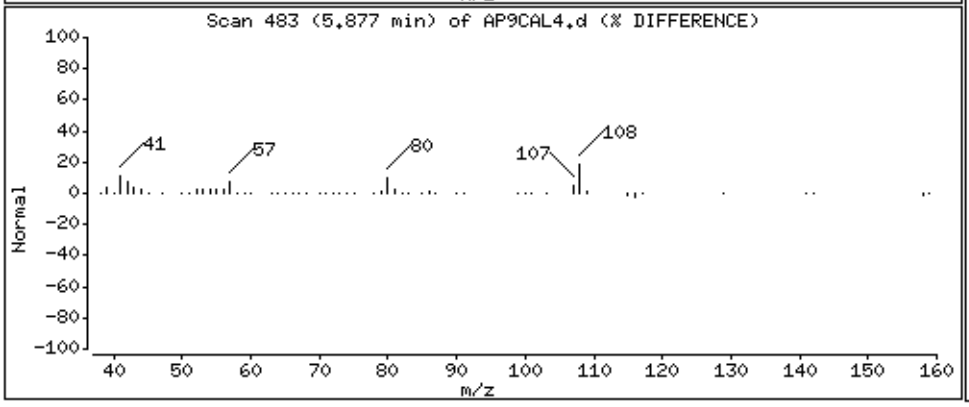












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

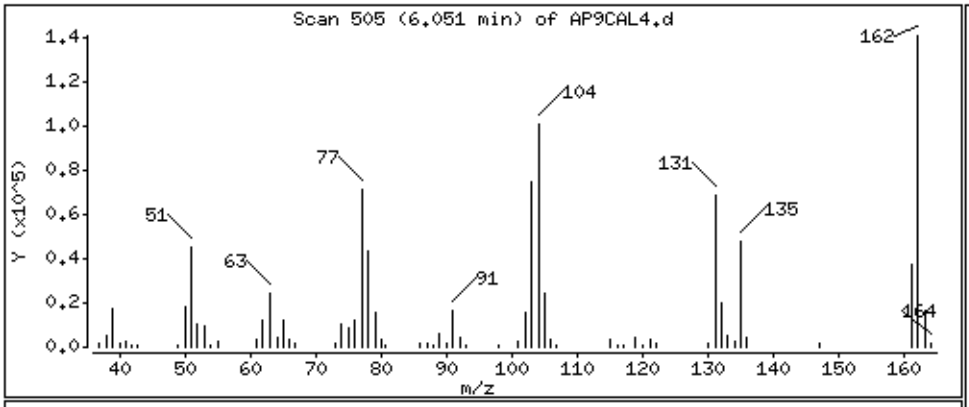
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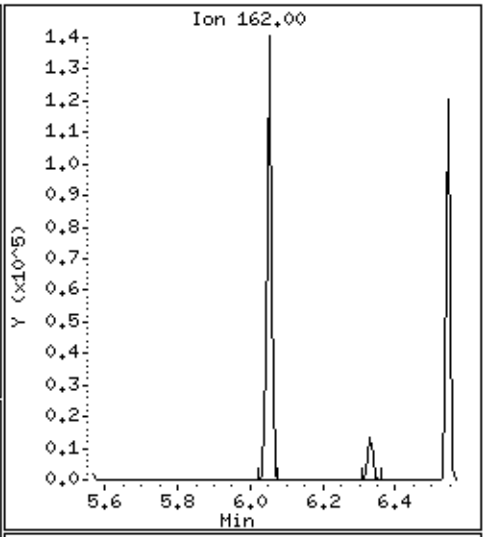
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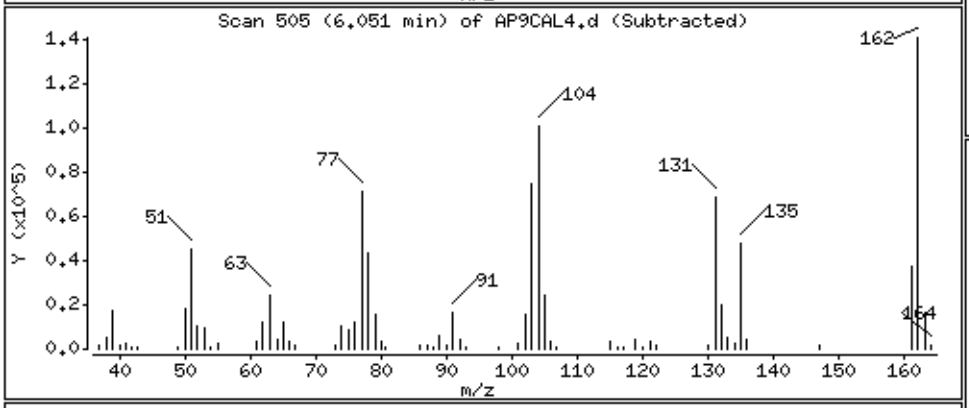
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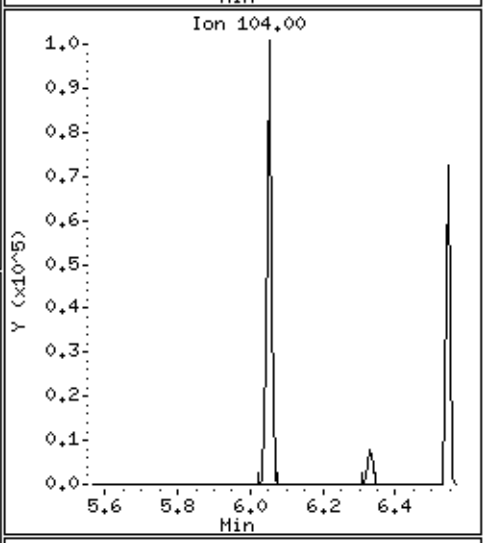
52 Isosafrole

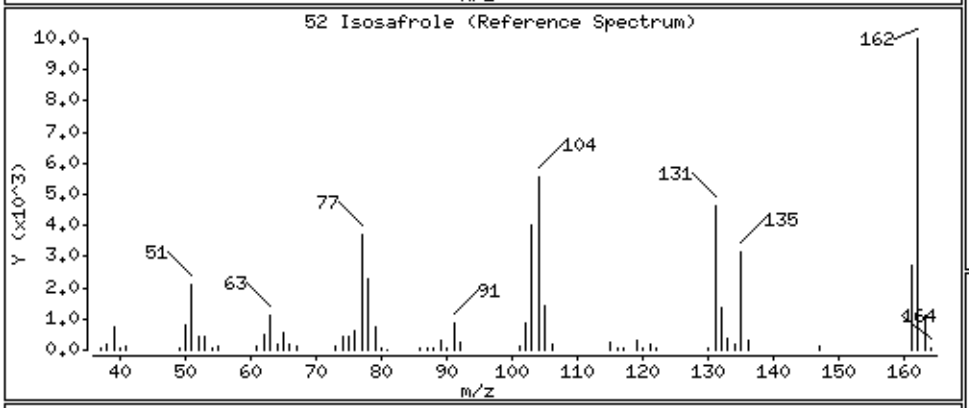
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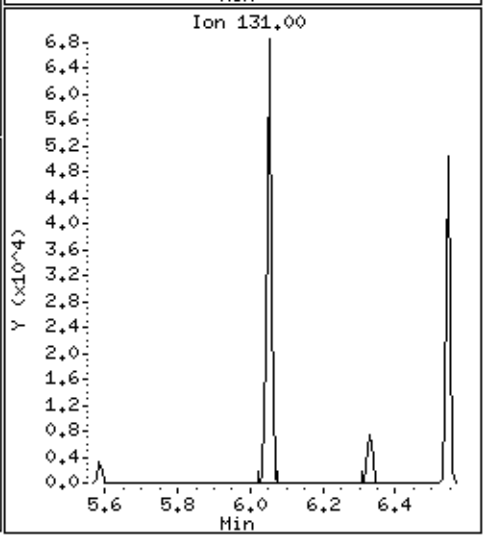


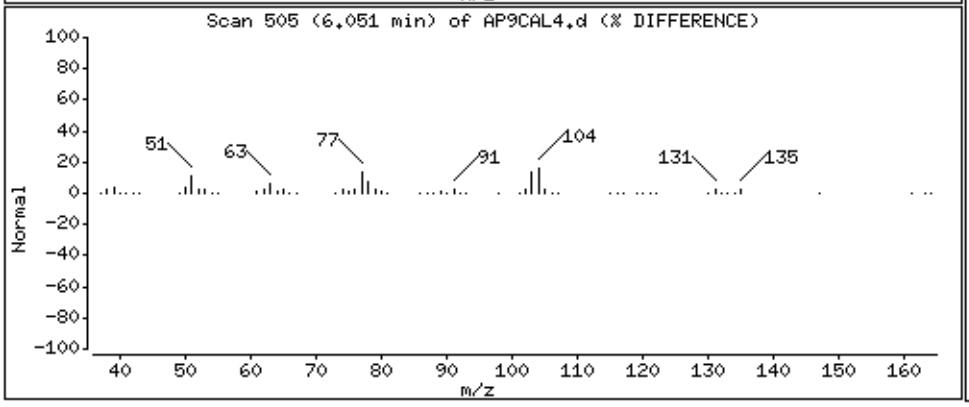












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

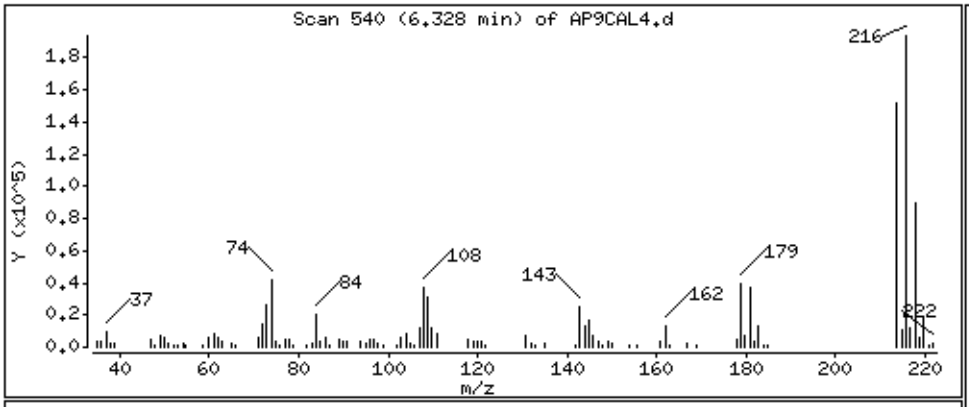
Operator: MJ

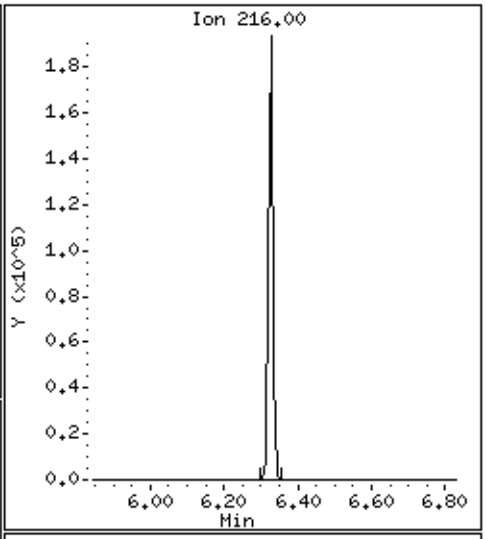
Column phase: HPMS-5

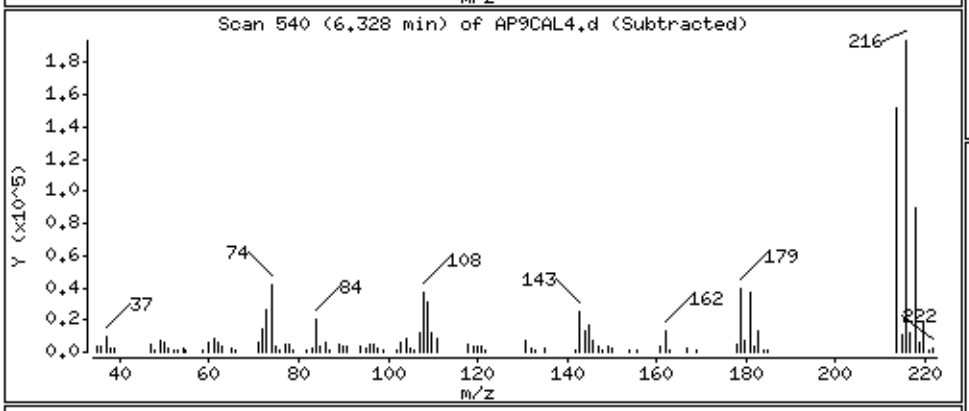
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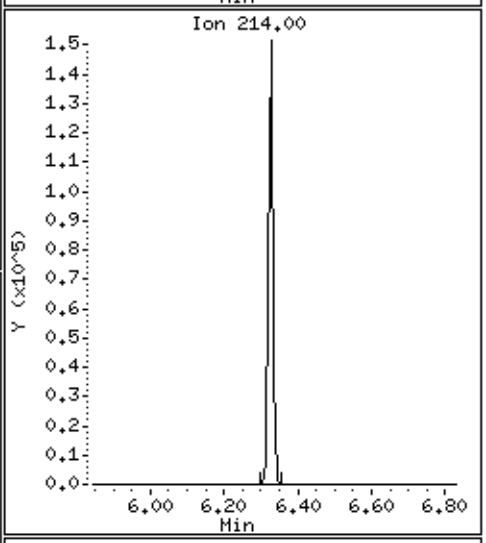
56 1,2,4,5-Tetrachlorobenzene

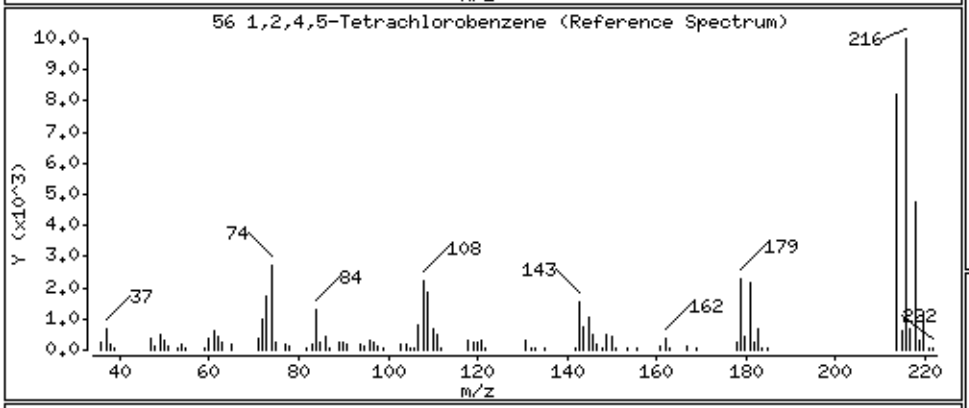
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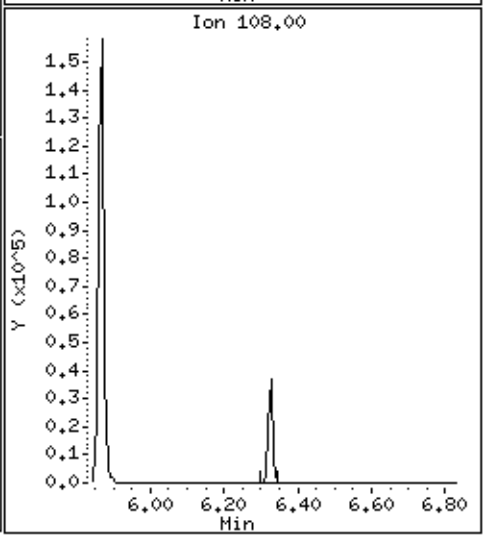


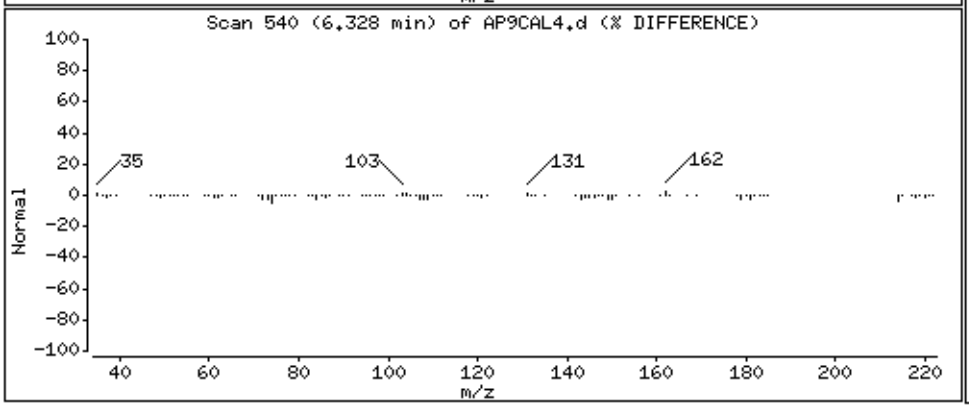












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

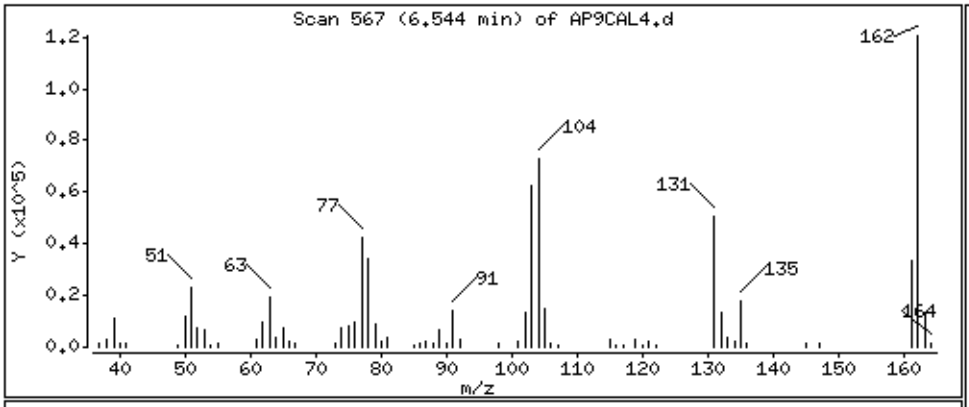
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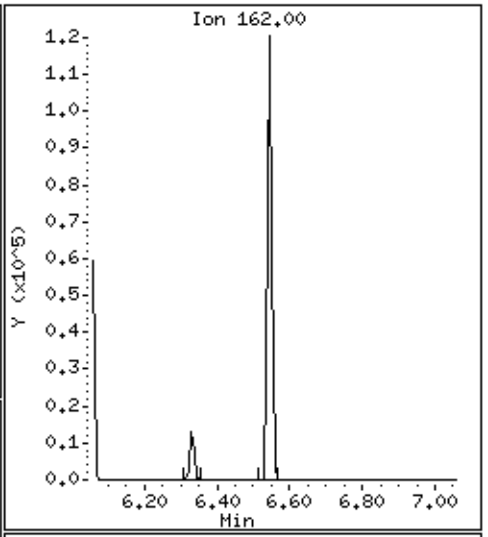
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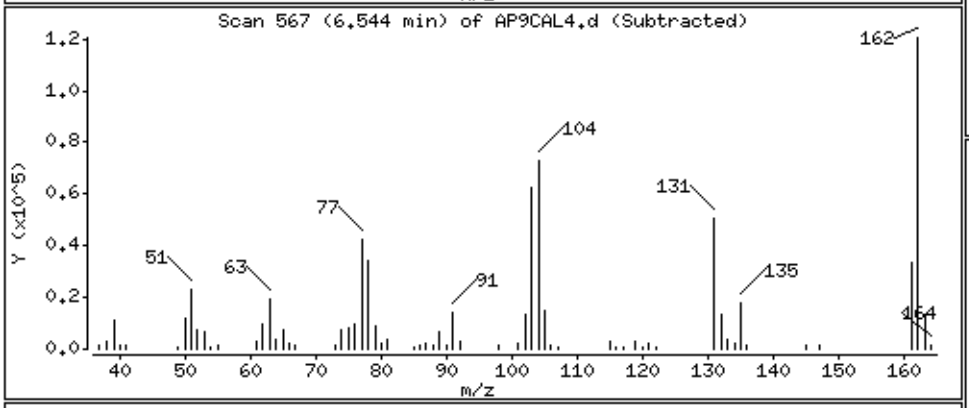
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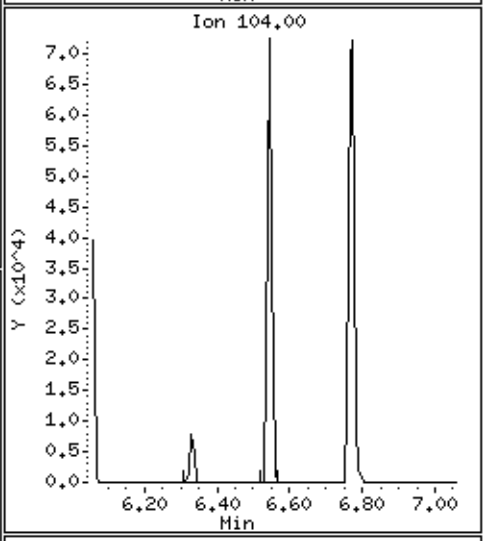
60 Safrole

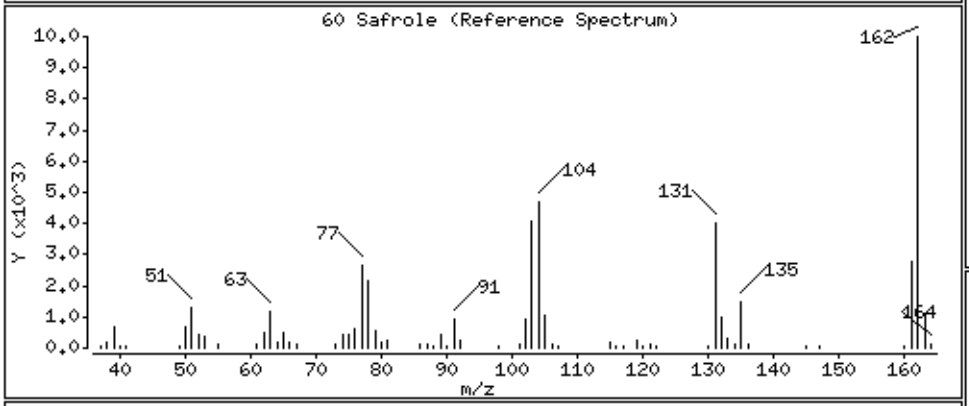
Concentration: 47.3 ug/l

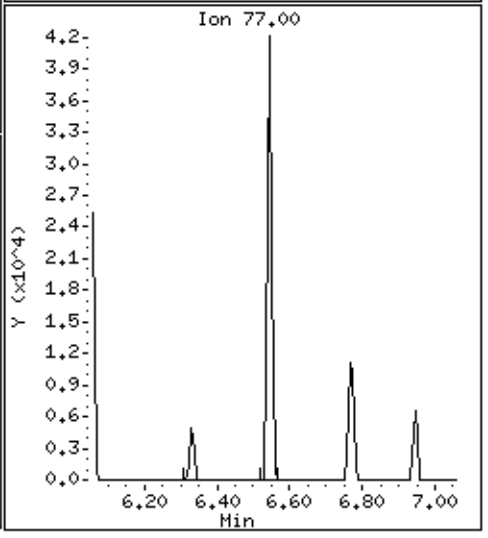


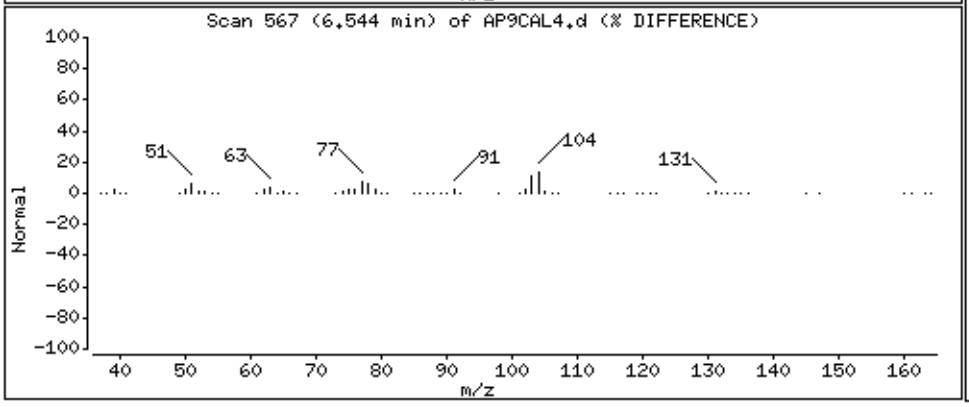












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

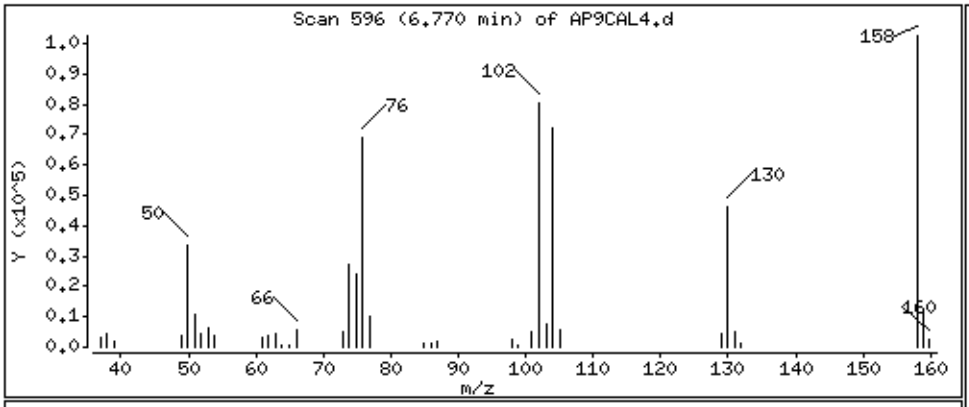
Operator: MJ

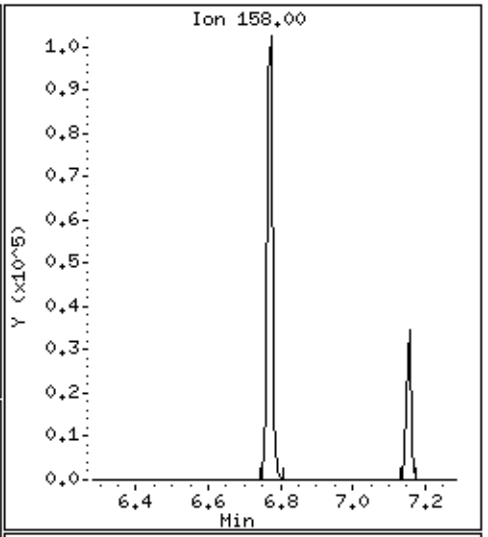
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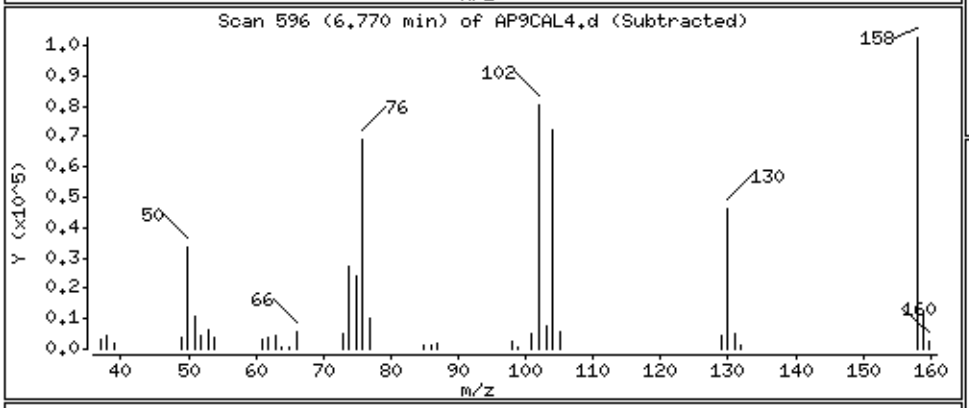
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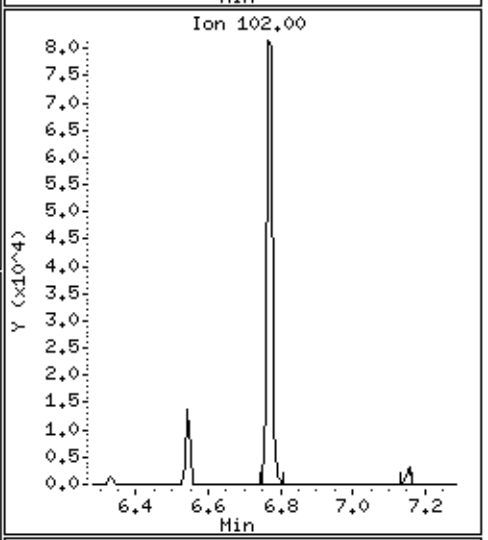
64 1,4-Naphthoquinone

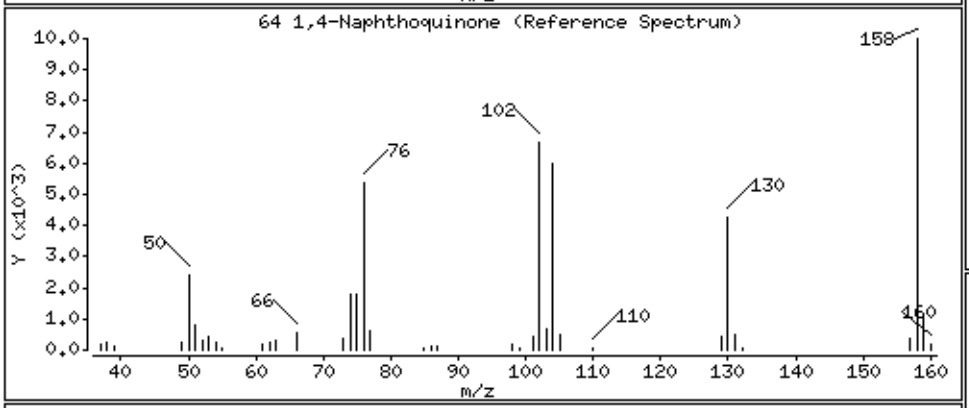
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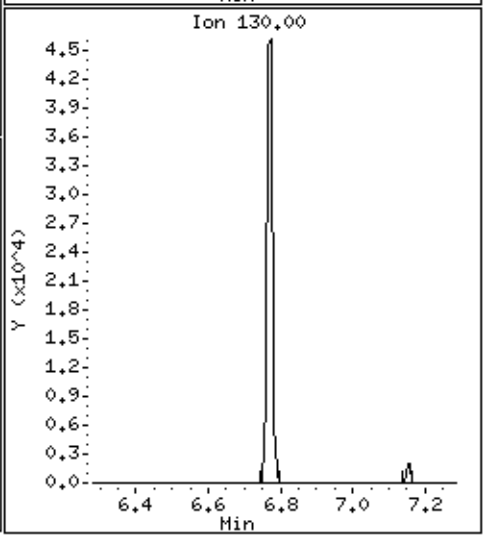


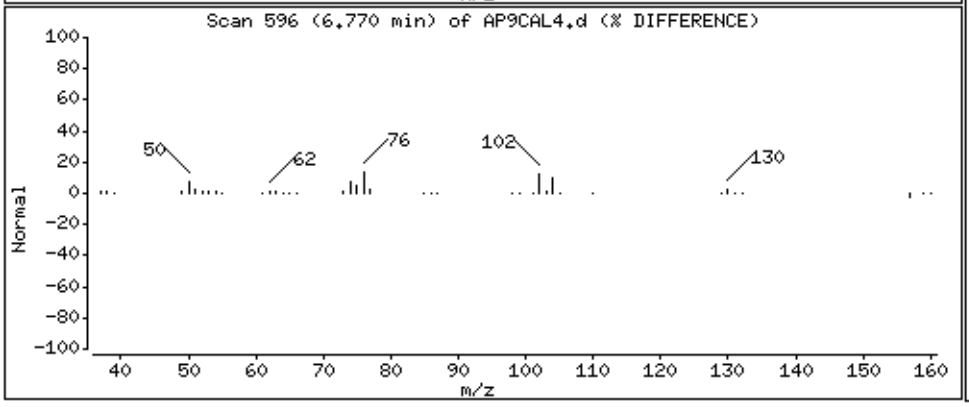












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Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

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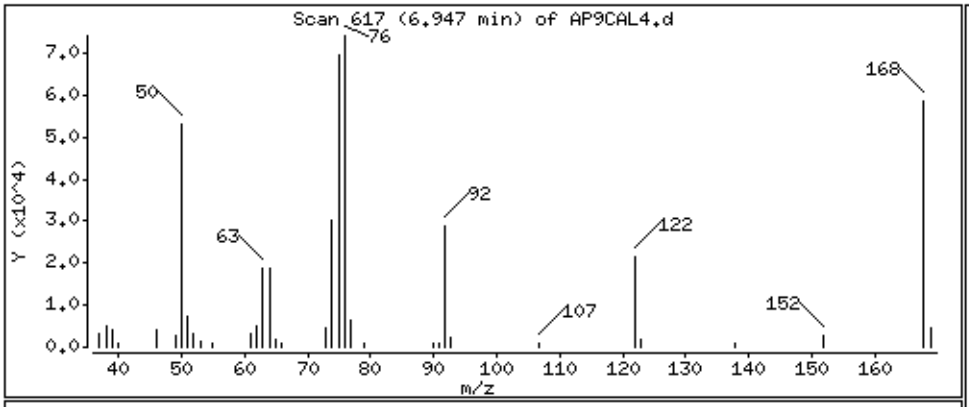
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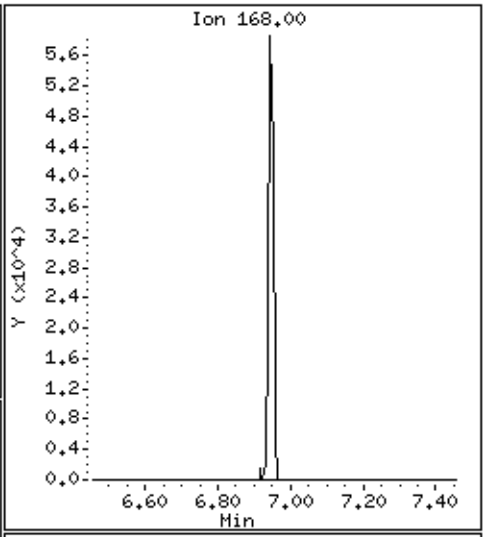
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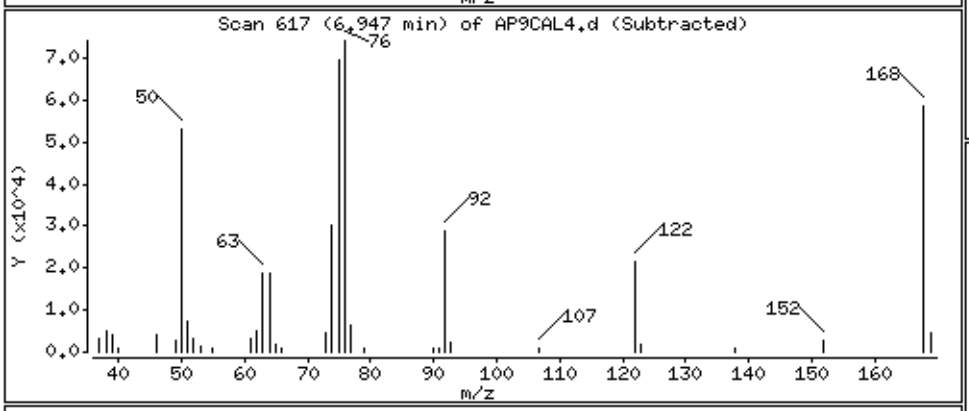
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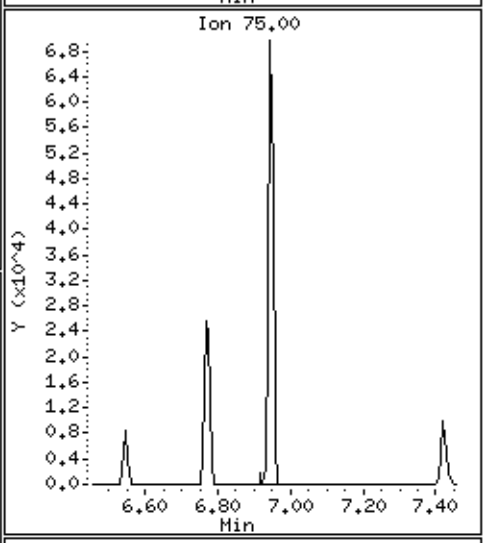
66 1,3-Dinitrobenzene

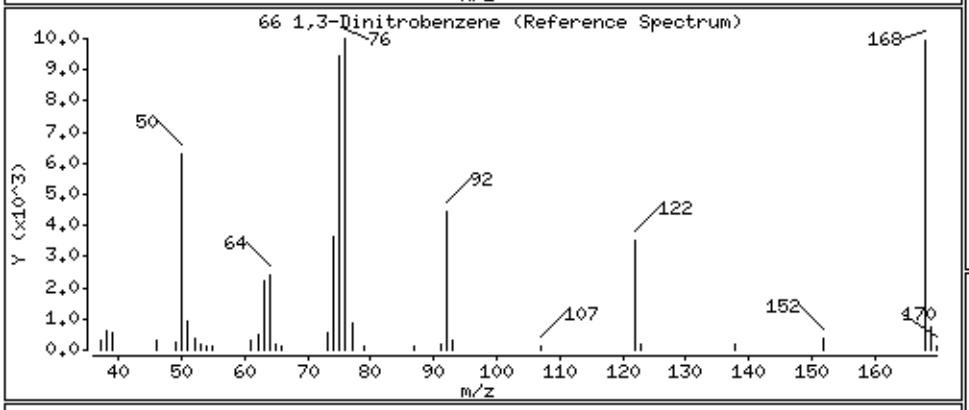
Concentration: 48.1 ug/l

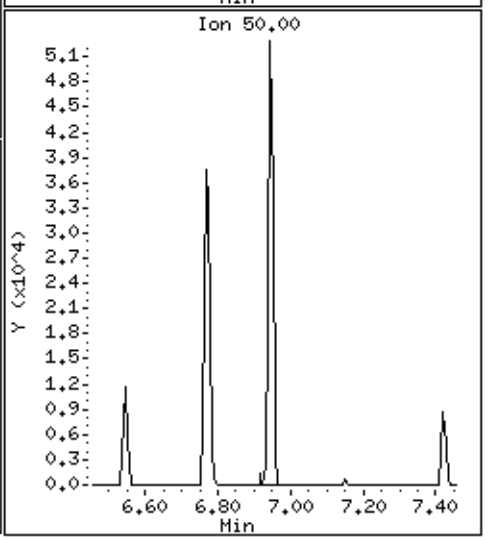


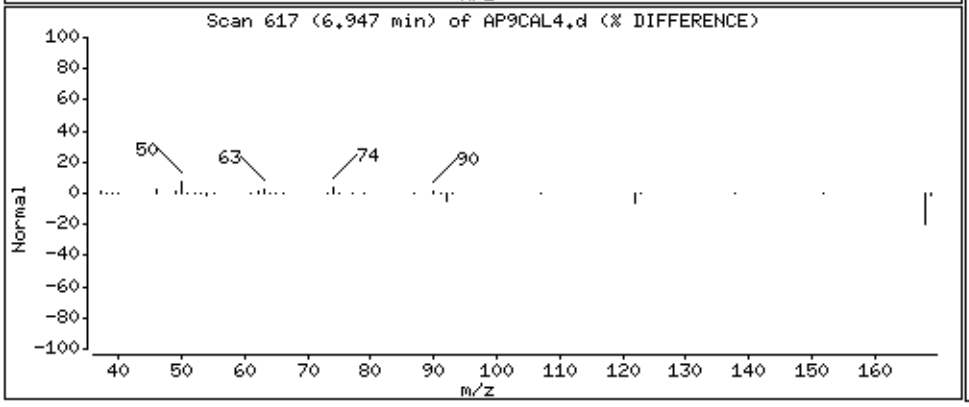












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Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

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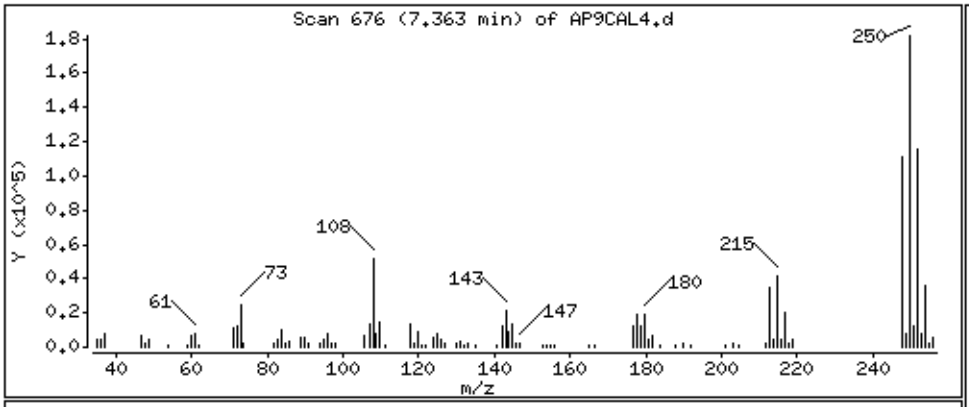
Operator: MJ

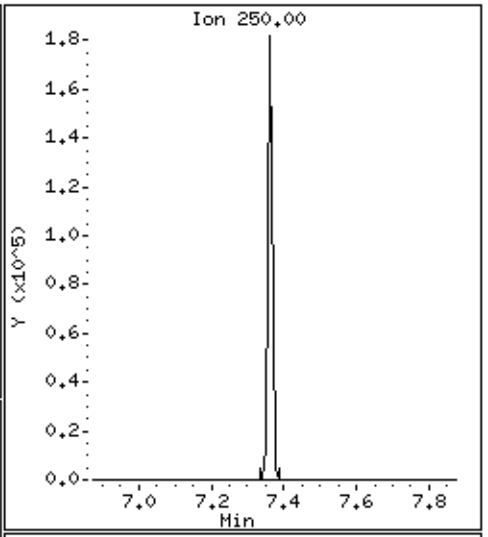
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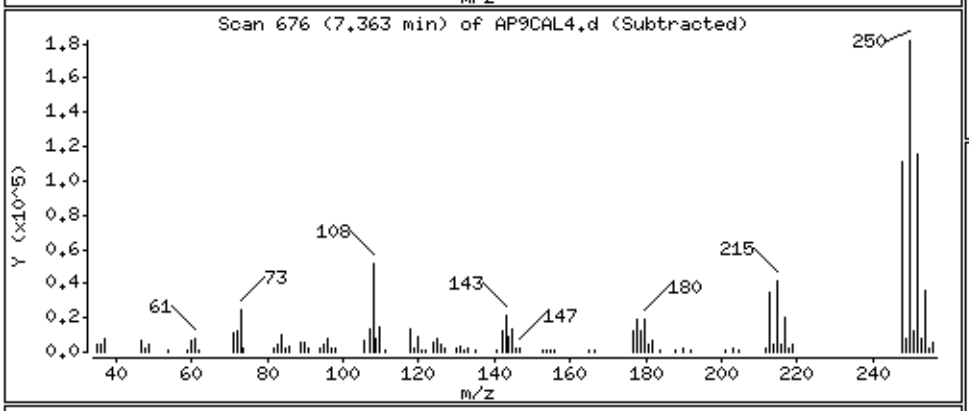
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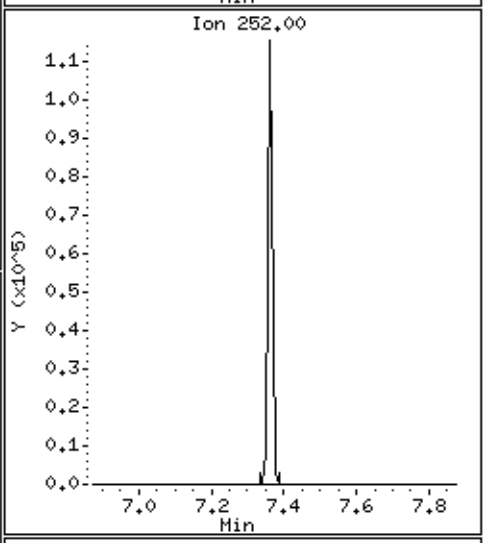
73 Pentachlorobenzene

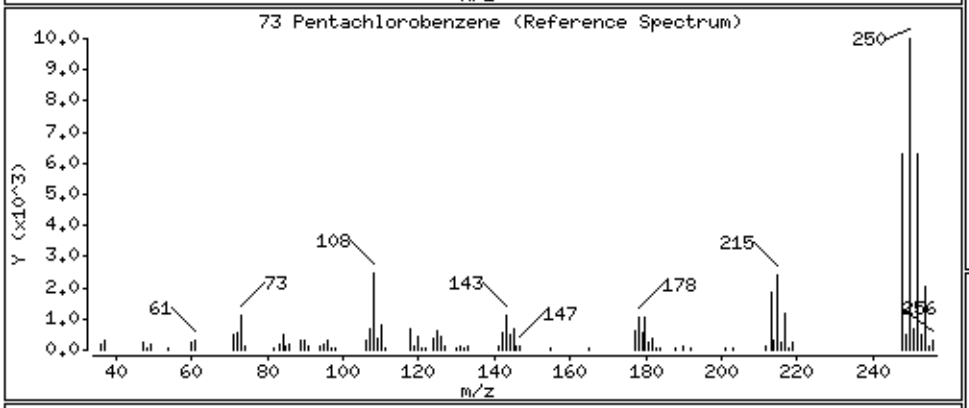
Concentration: 46.0 ug/l

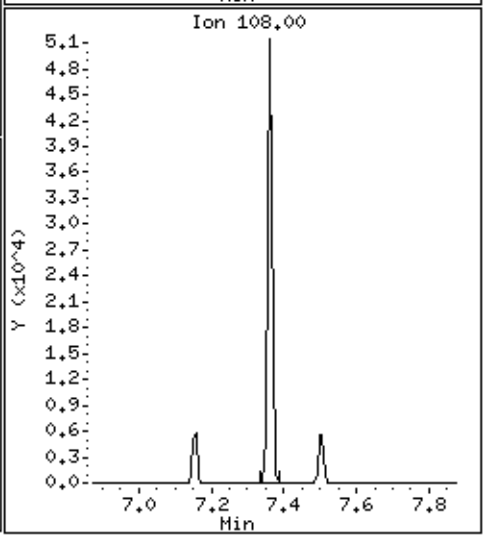


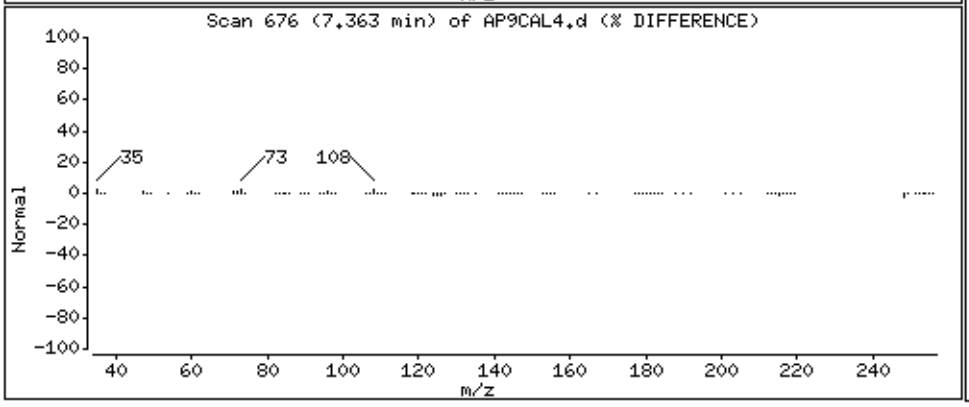












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

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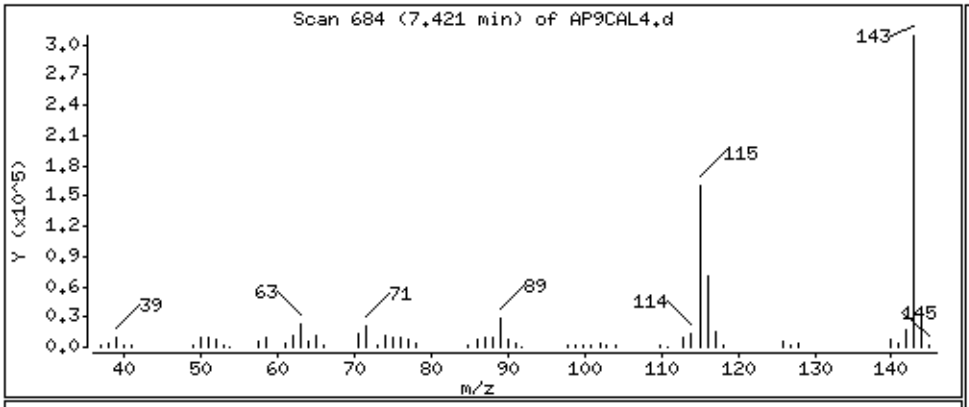
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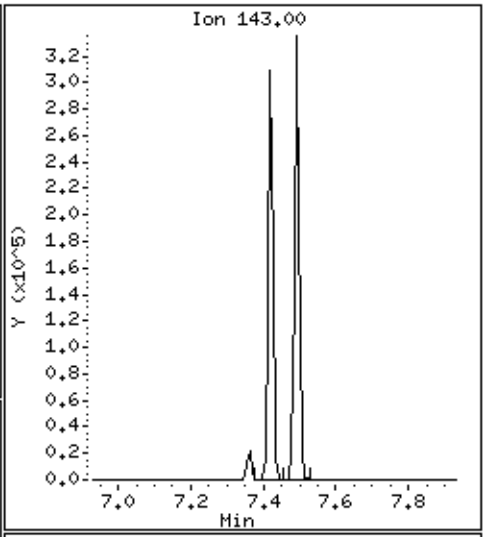
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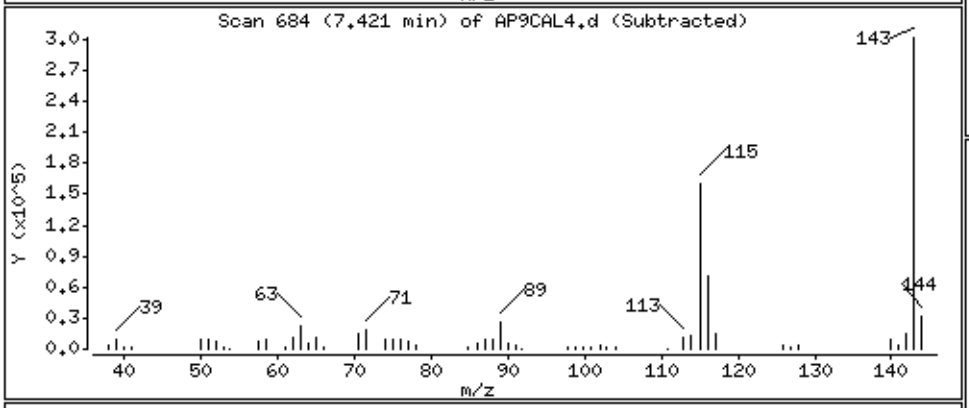
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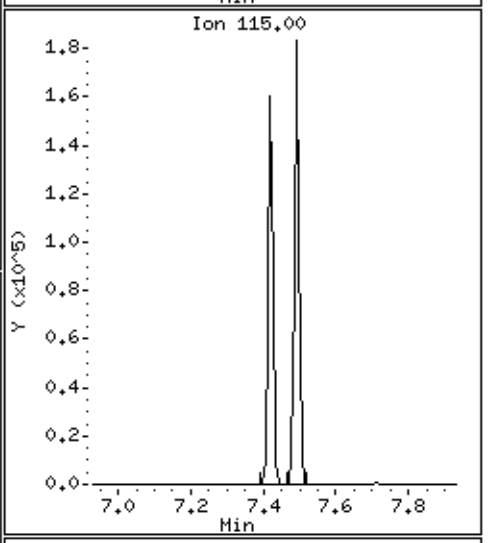
77 1-Naphthylamine

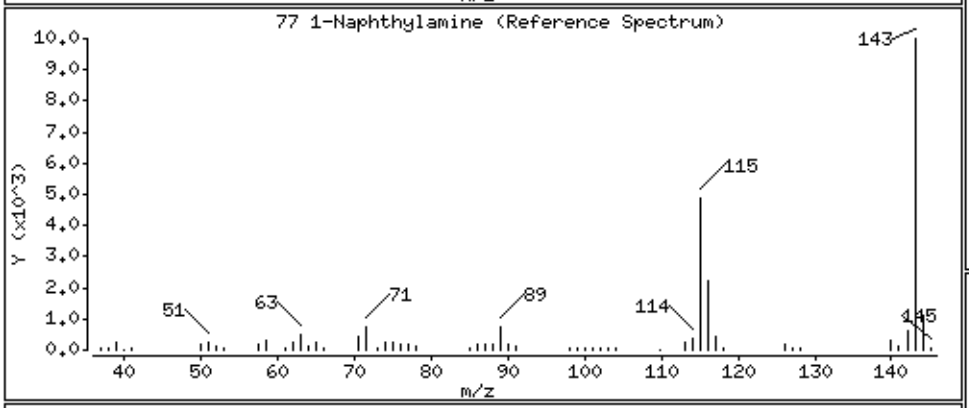
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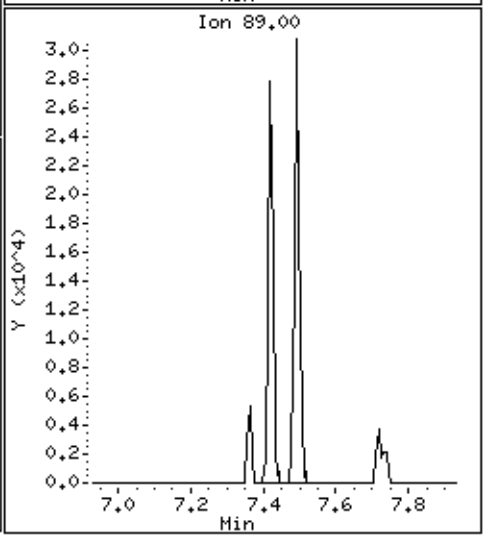


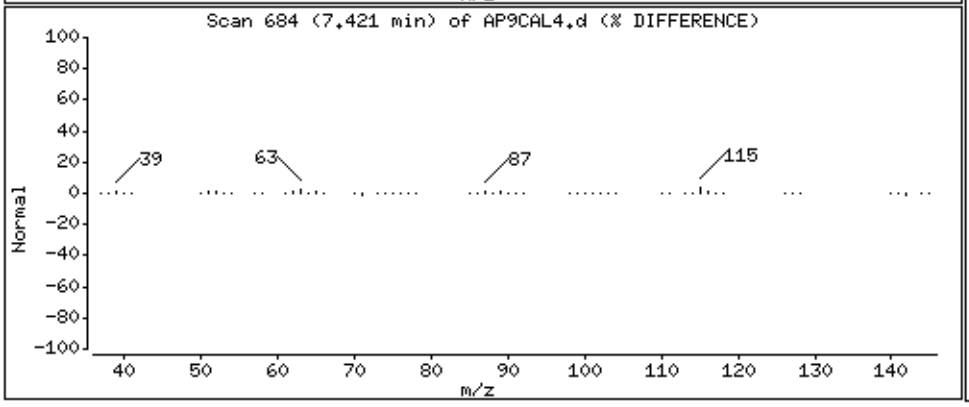












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

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Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

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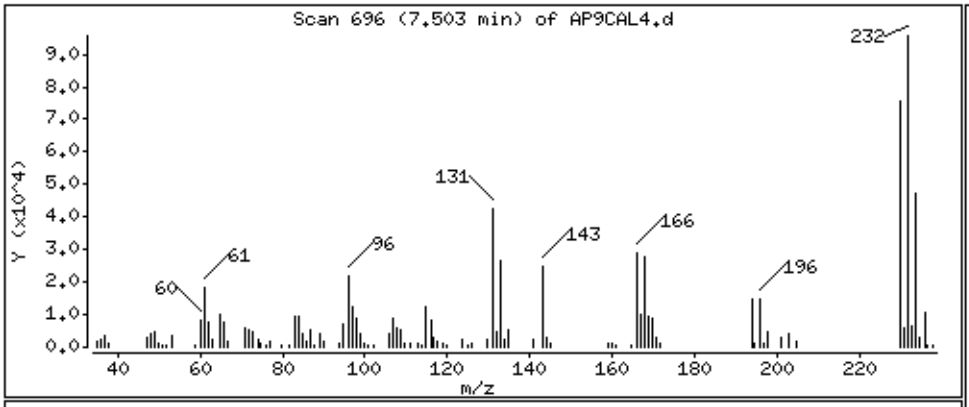
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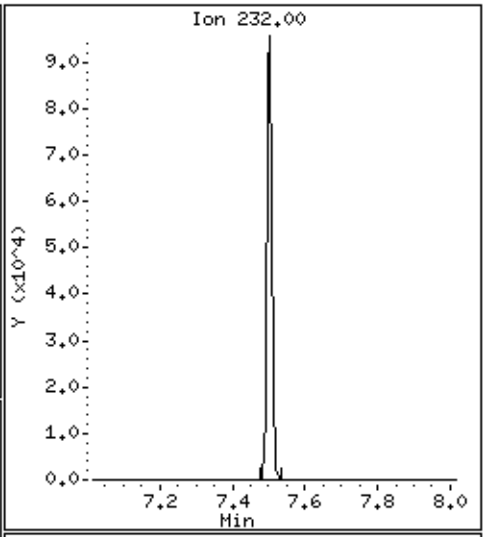
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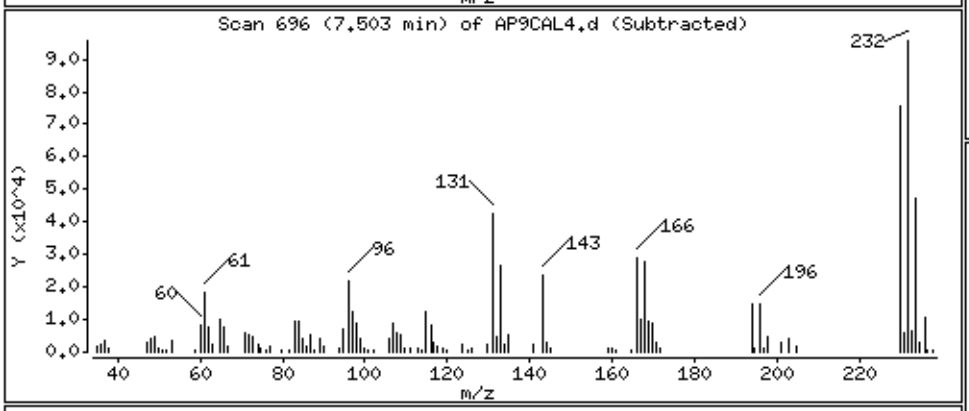
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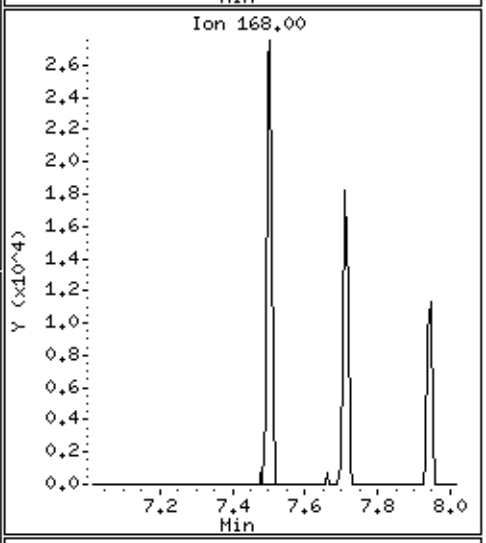
78 2,3,4,6-Tetrachlorophenol

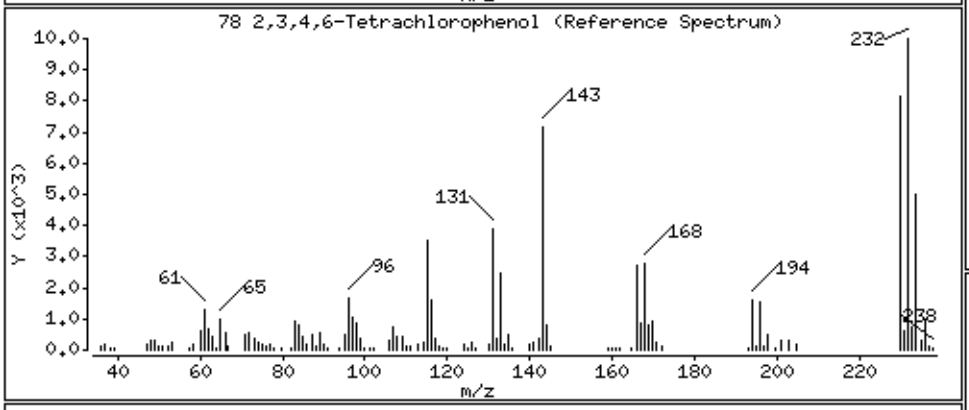
Concentration: 50.0 ug/l

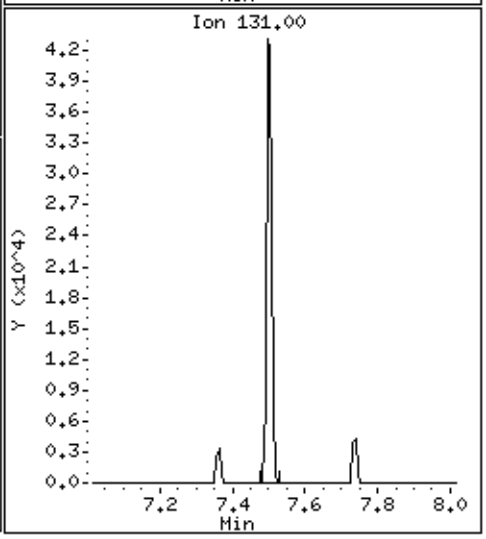


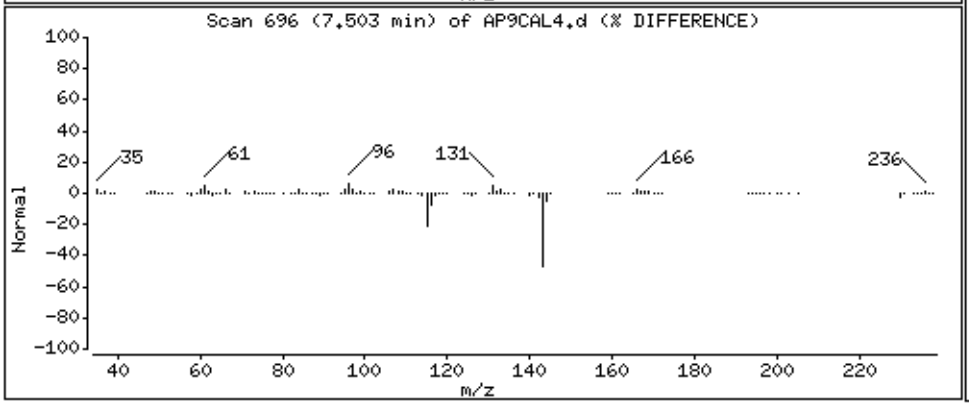












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

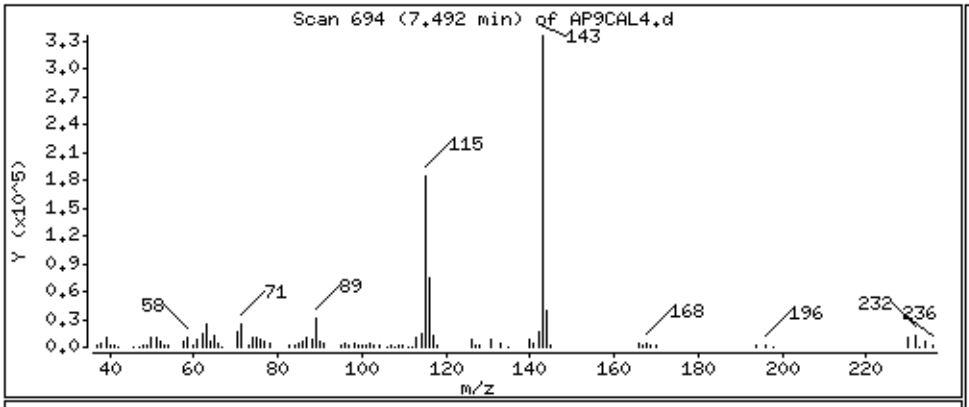
Operator: MJ

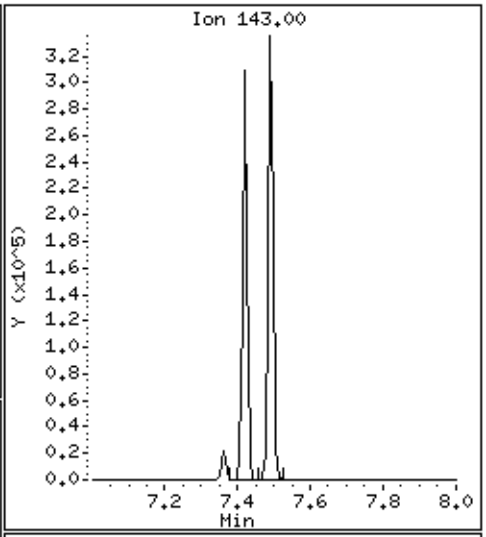
Column phase: HPMS-5

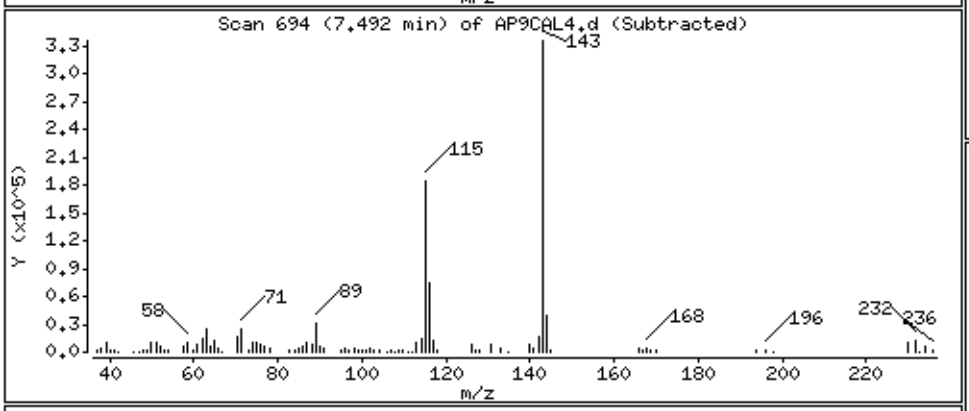
Column diameter: 0.25

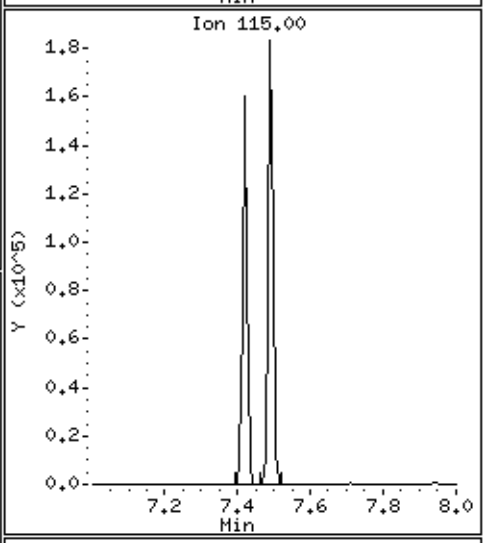
79 2-Naphthylamine

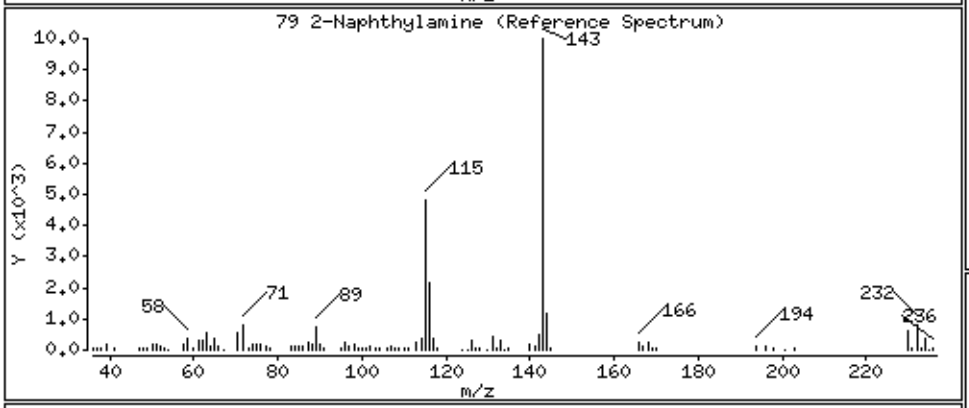
Concentration: 45.4 ug/l

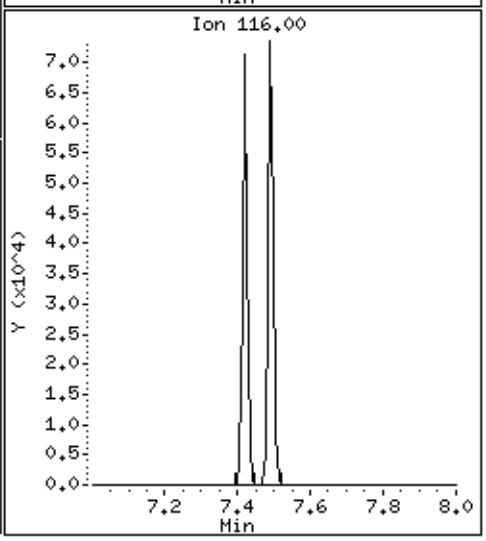


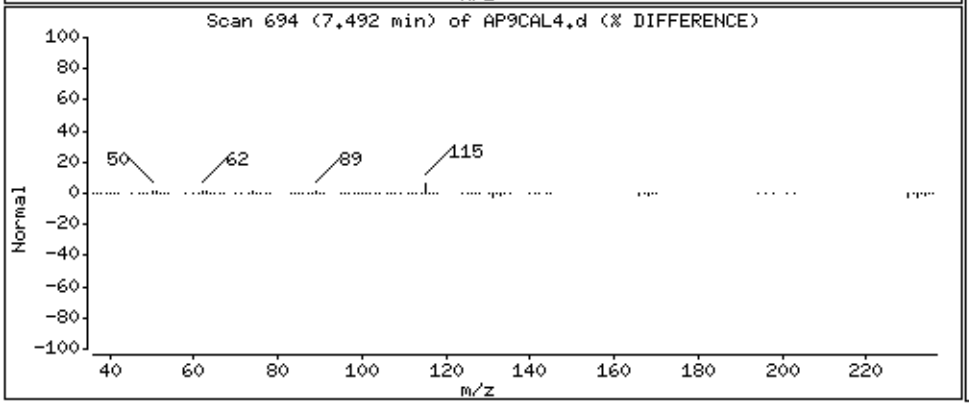












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

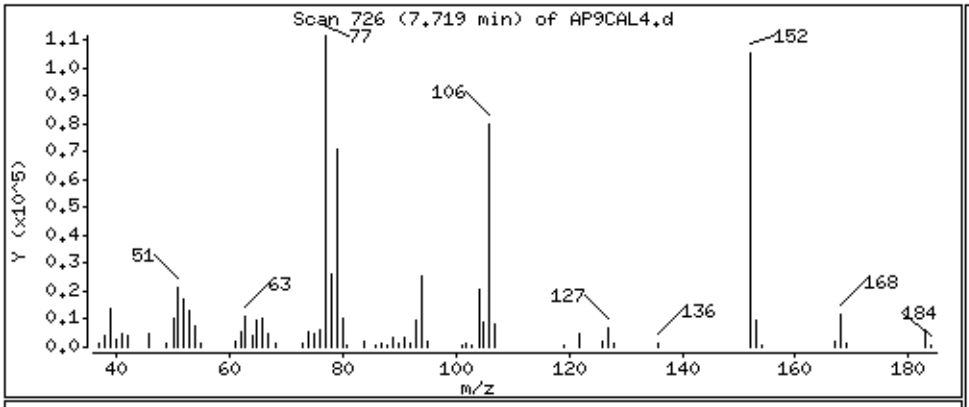
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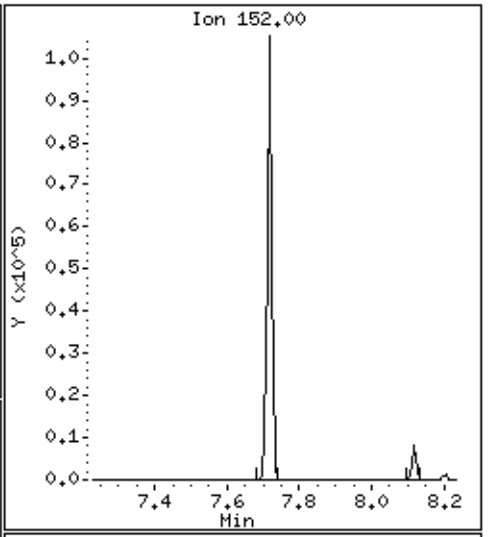
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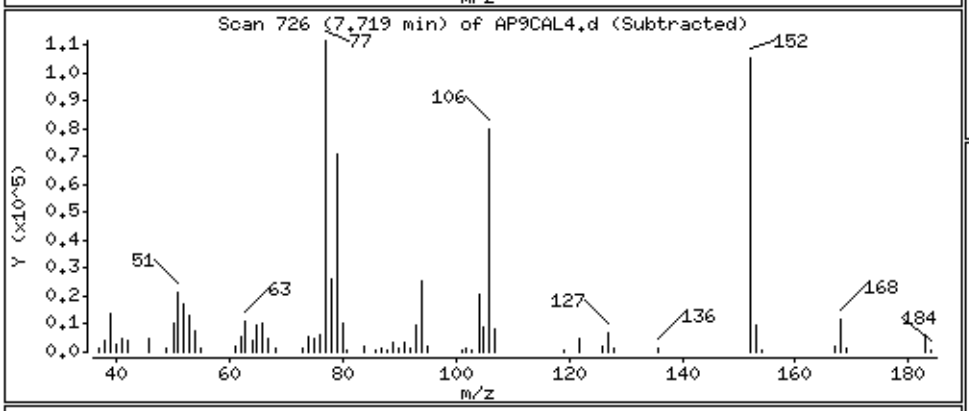
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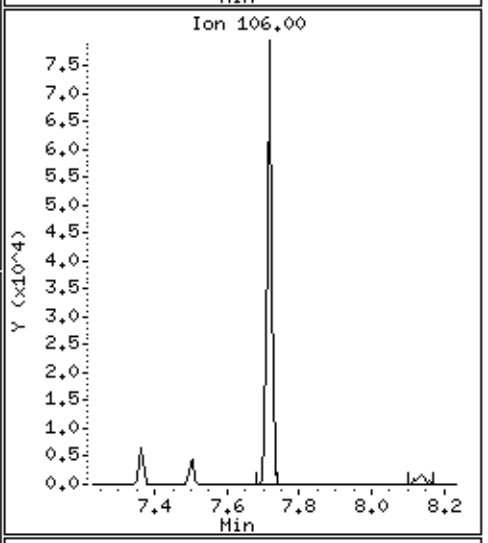
83 5-Nitro-ortho-toluidine

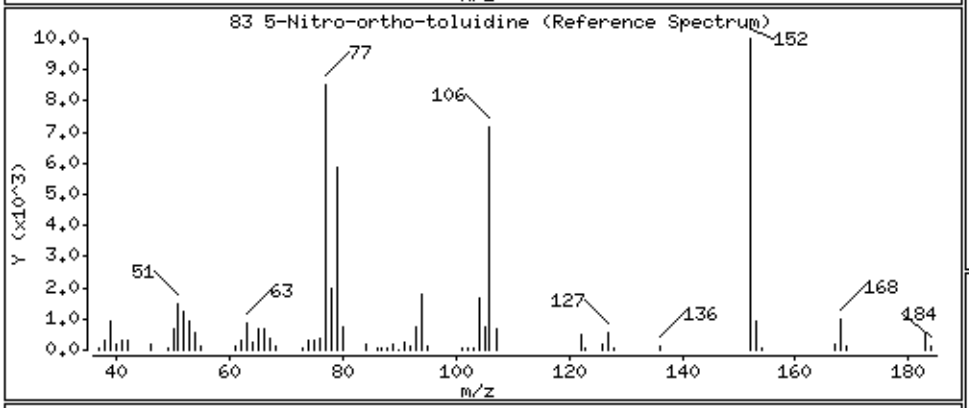
Concentration: 46.6 ug/l

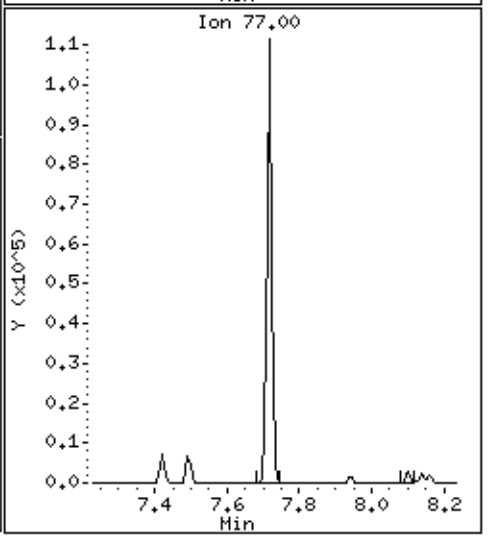


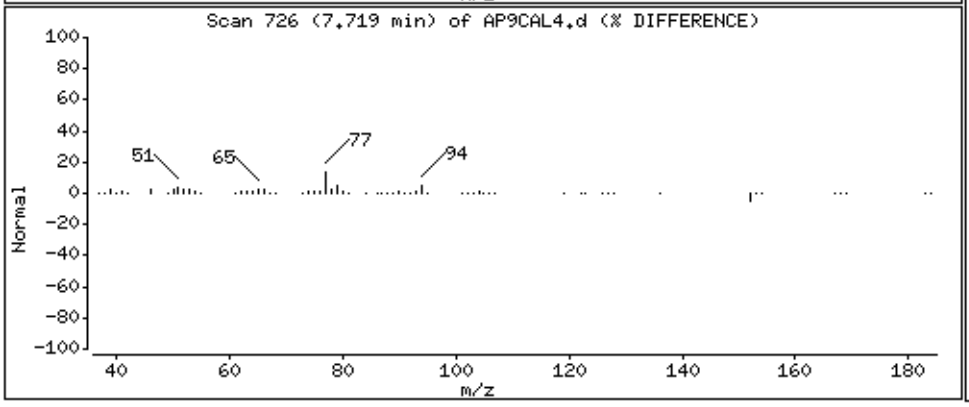












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Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

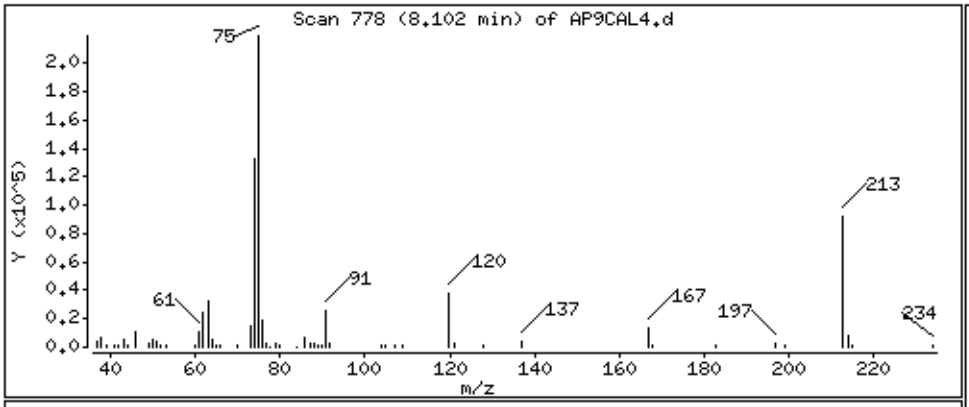
Operator: MJ

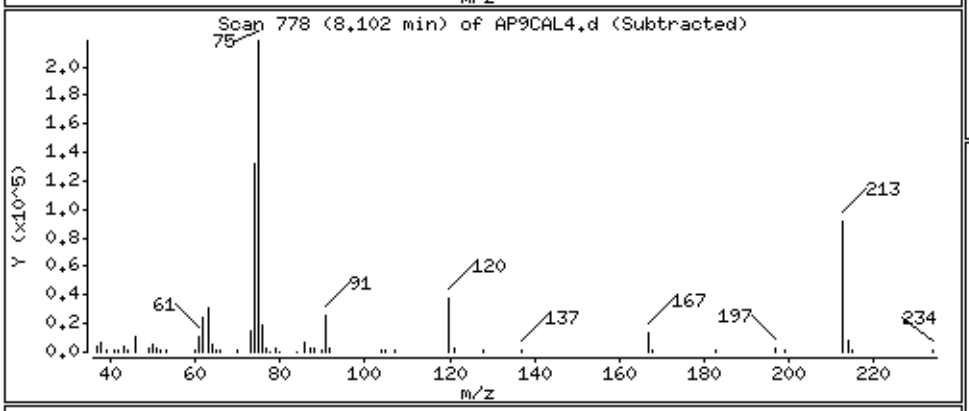
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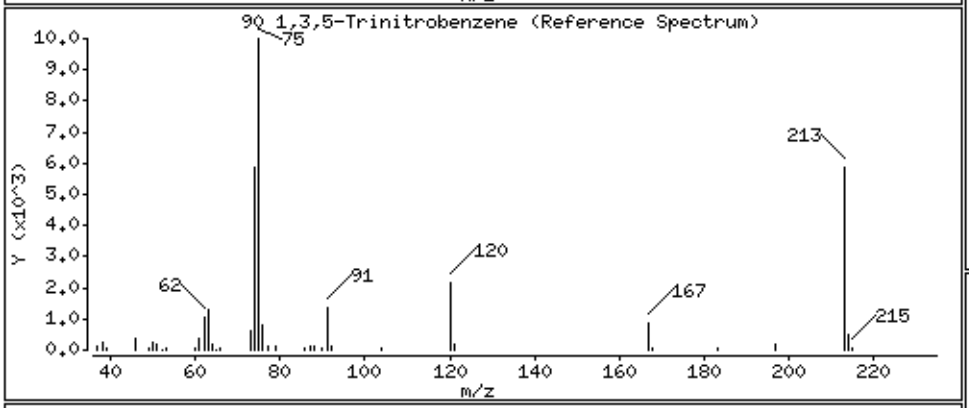
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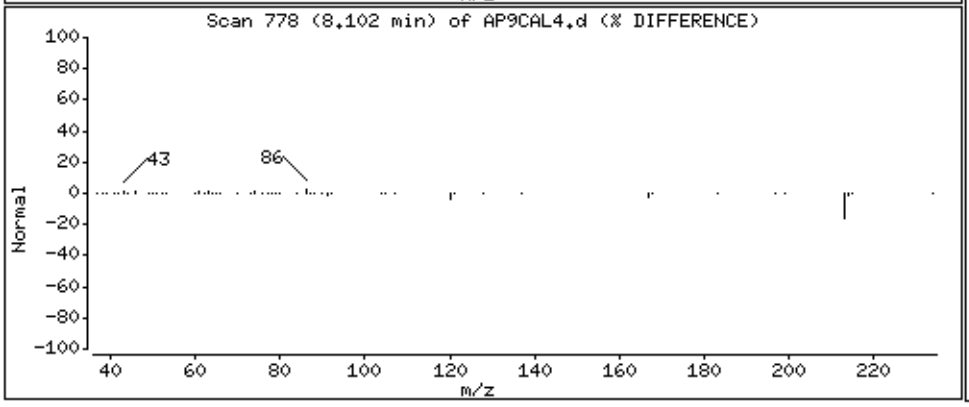
90 1,3,5-Trinitrobenzene

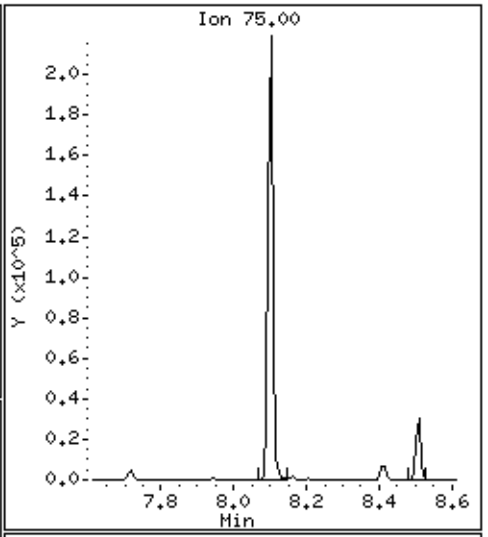
Concentration: 43.4 ug/l

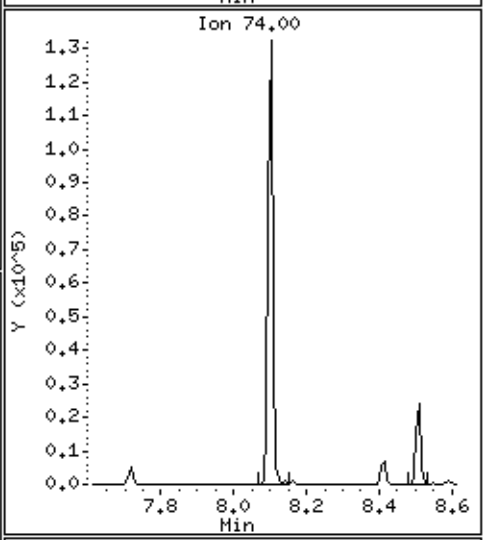


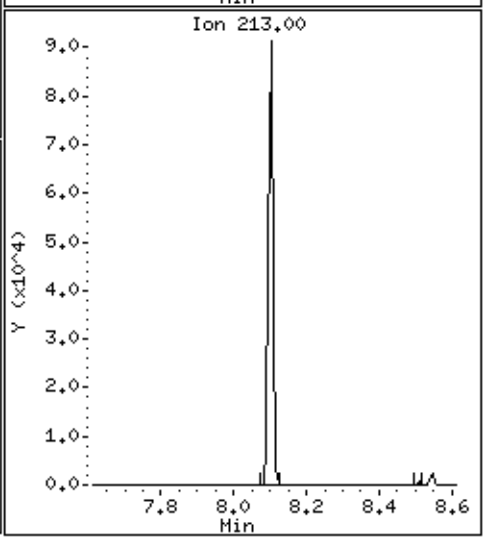












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Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

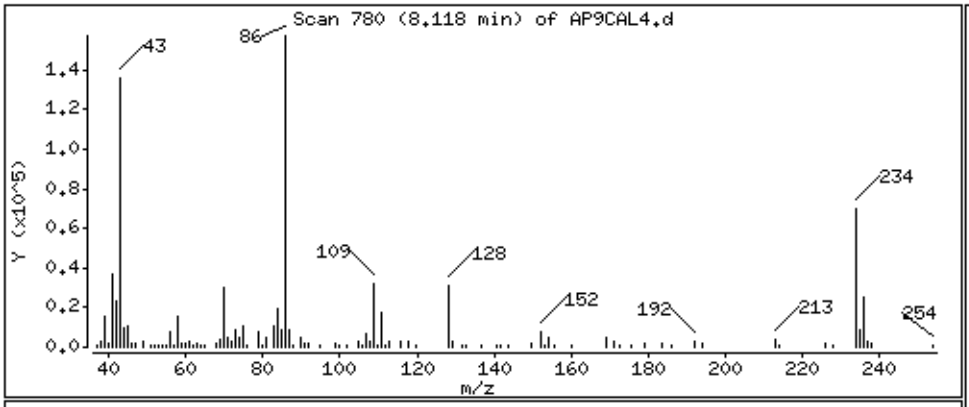
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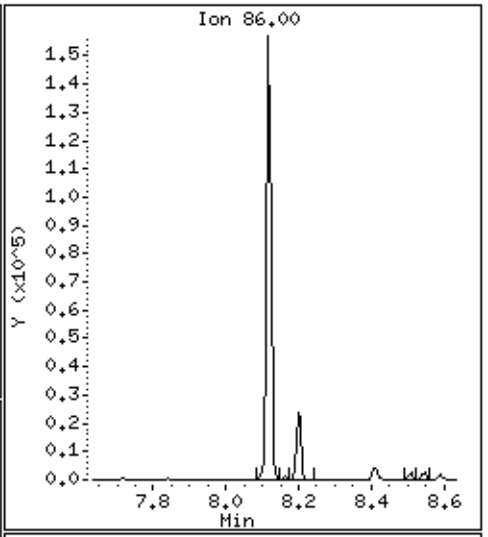
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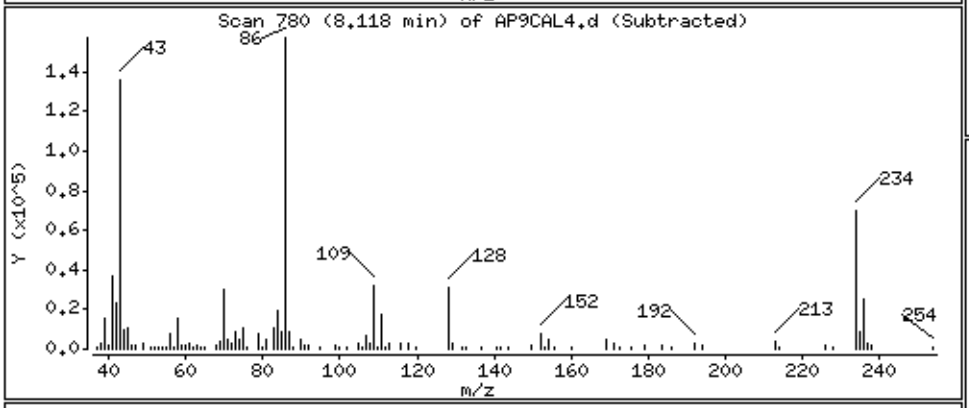
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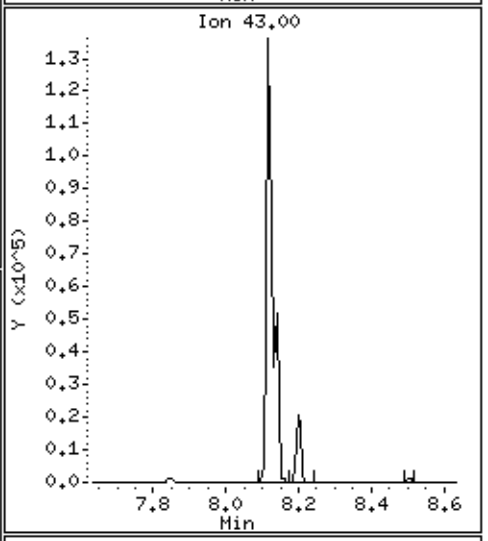
89 Diallate

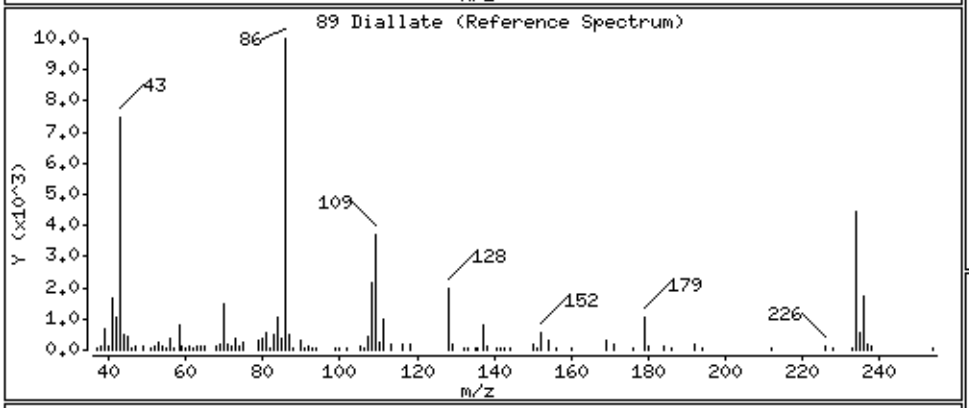
Concentration: 37.7 ug/l

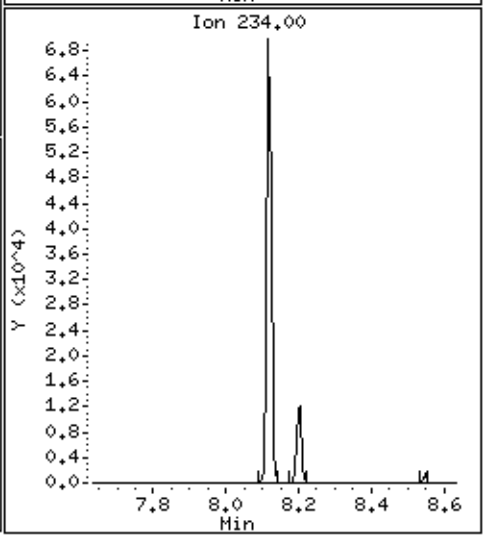


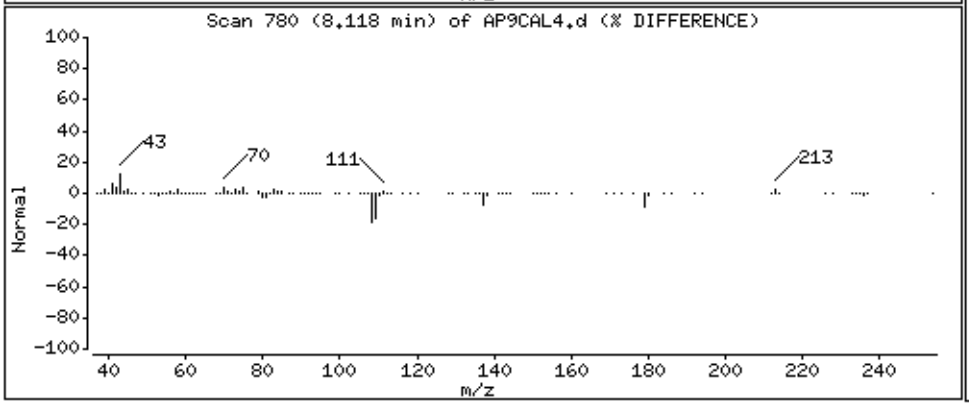












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Date : 20-NOV-2012 17:14

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Instrument: smsd04.i

Sample Info: 47936

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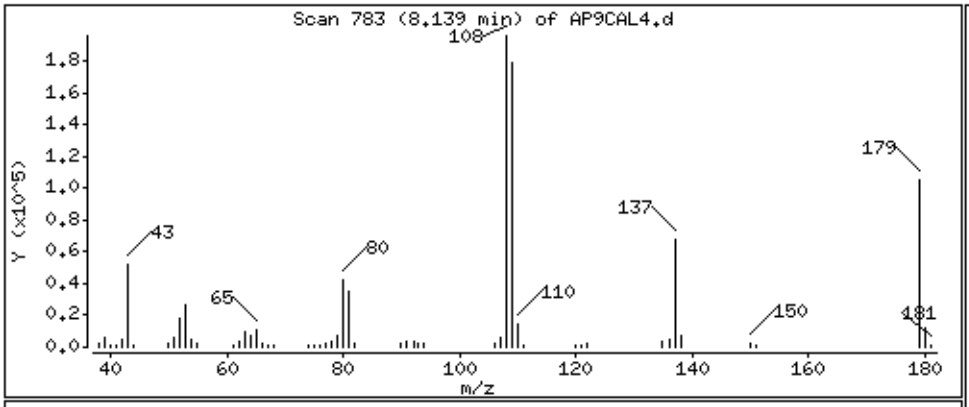
Operator: MJ

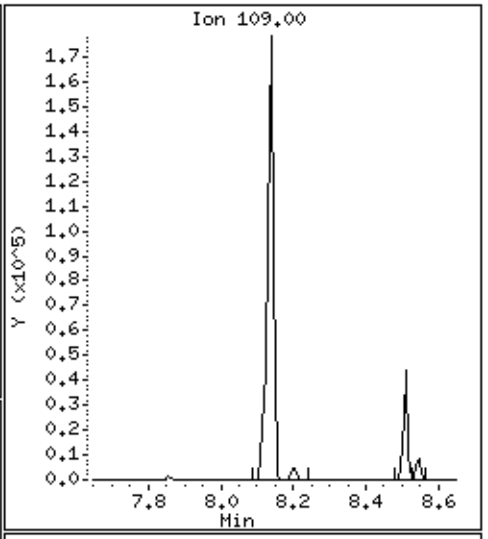
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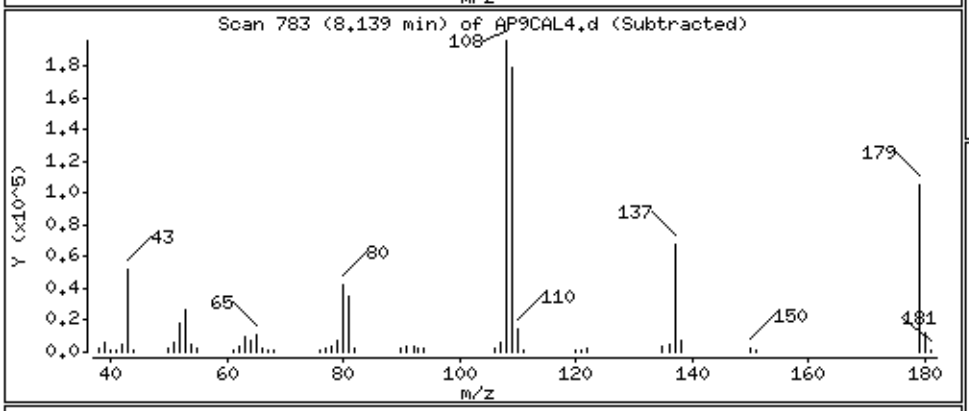
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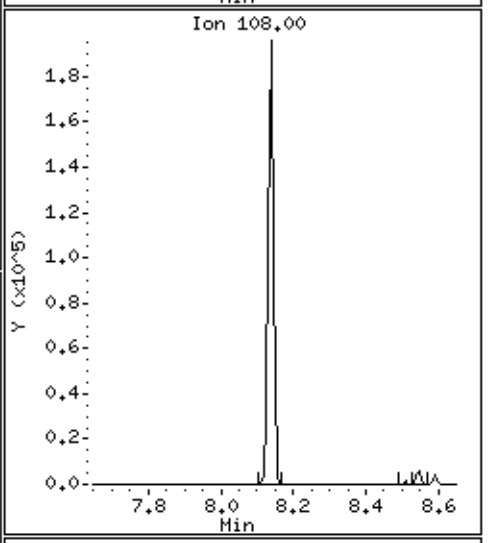
92 Phenacetin

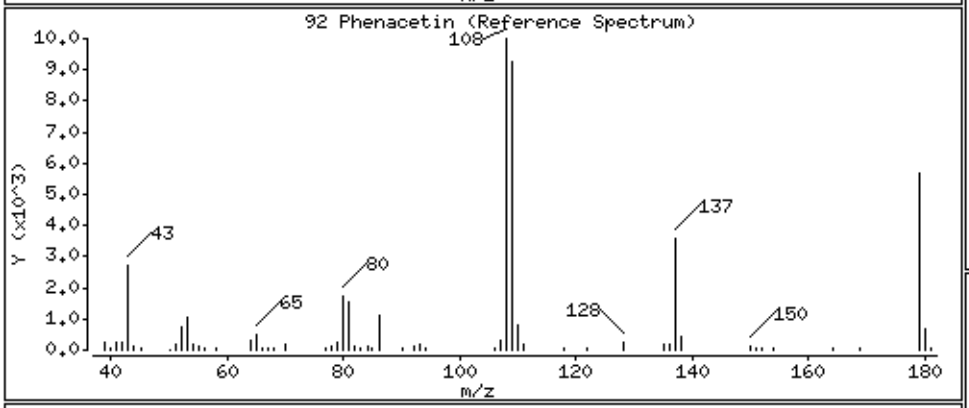
Concentration: 46.7 ug/l

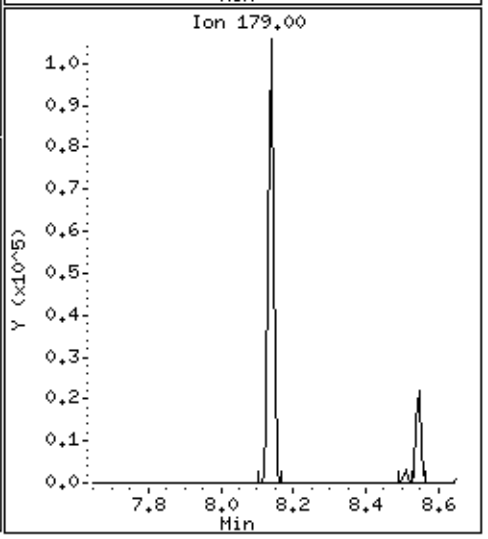


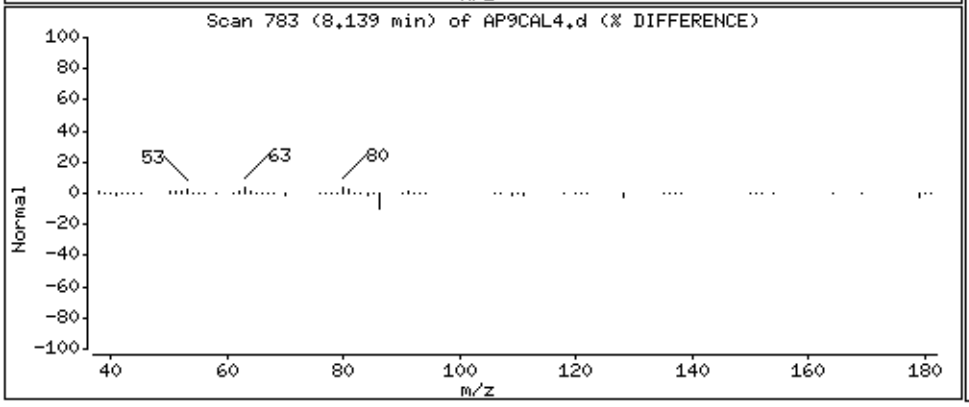












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Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

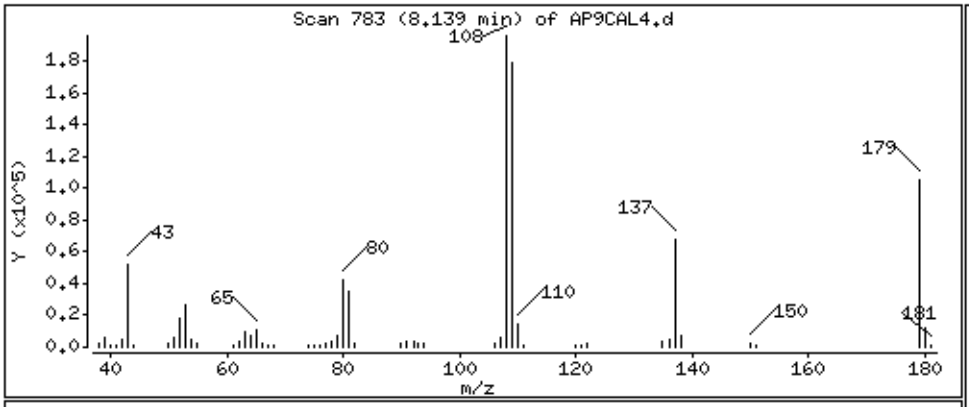
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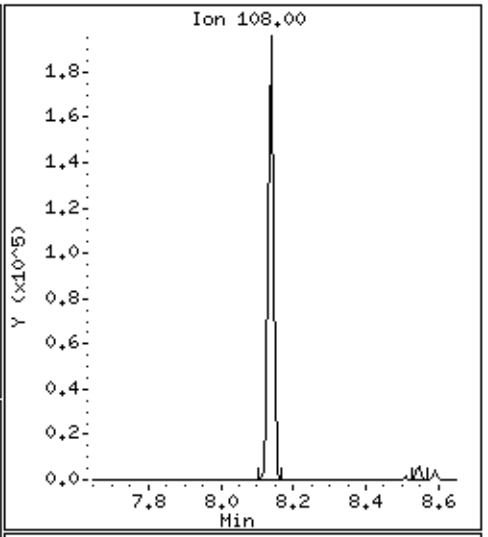
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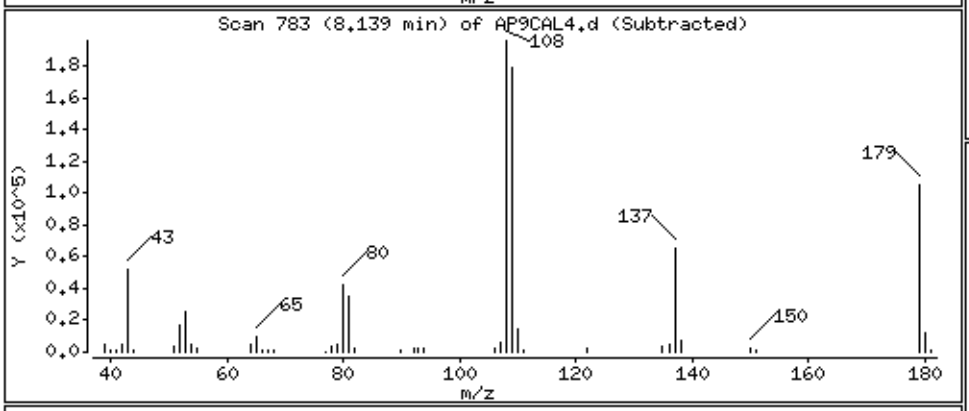
Column diameter: 0.25

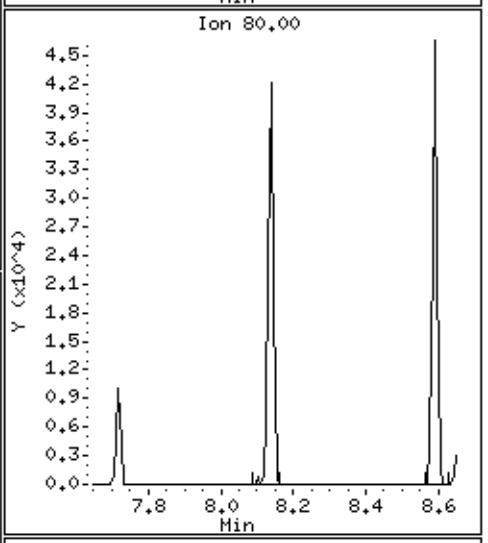
91 p-Phenylenediamine

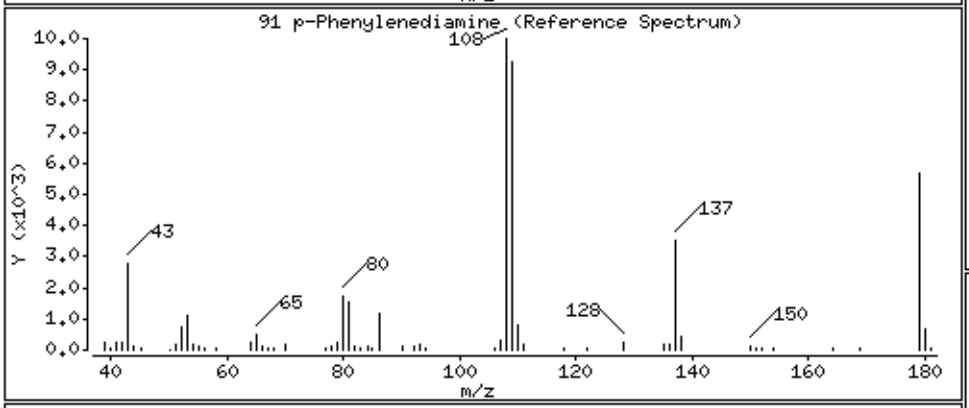
Concentration: 46.3 ug/l

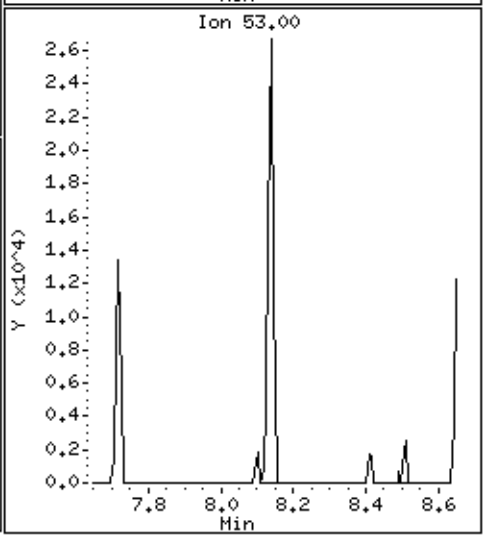


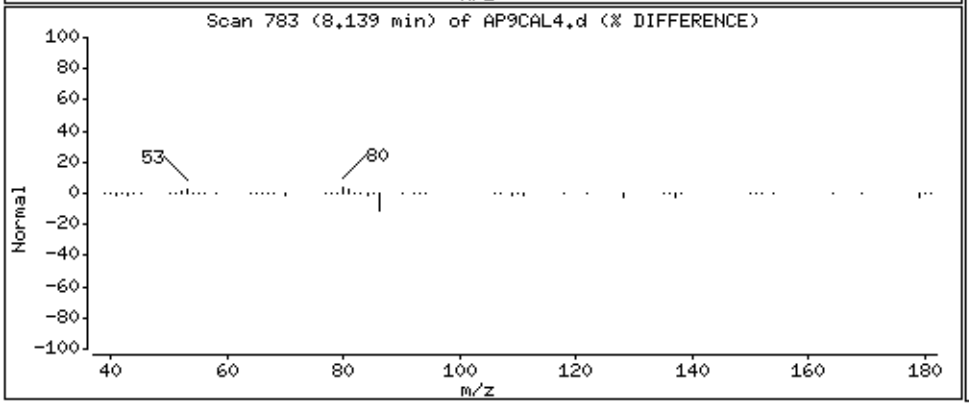












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Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

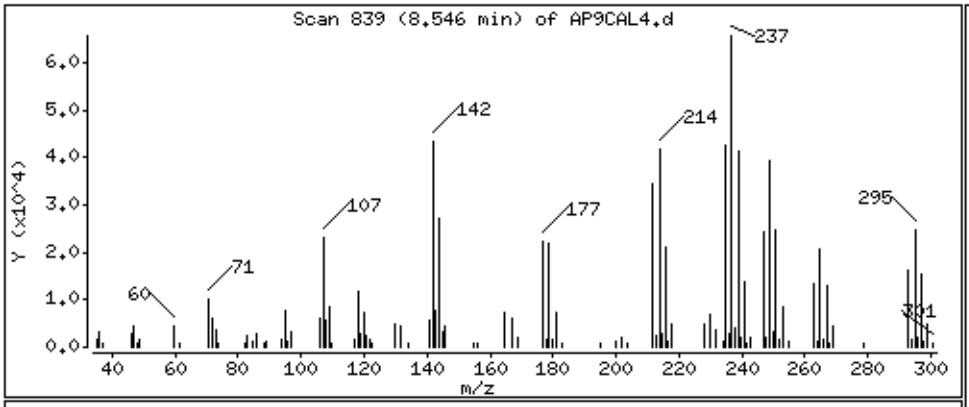
Operator: MJ

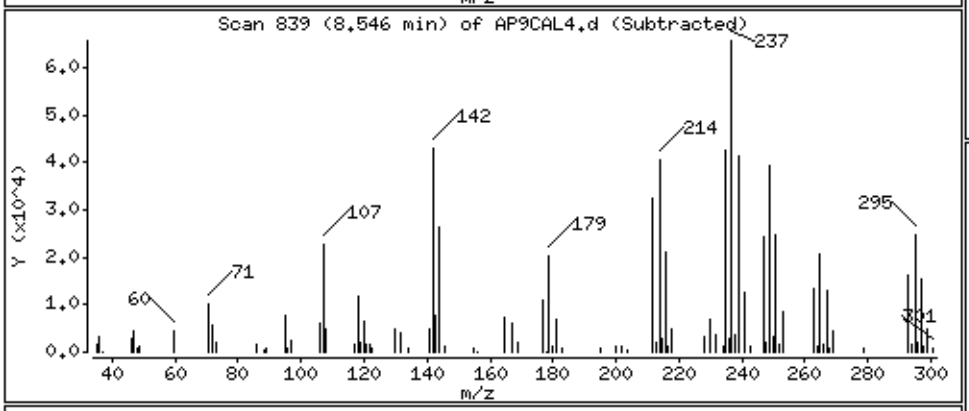
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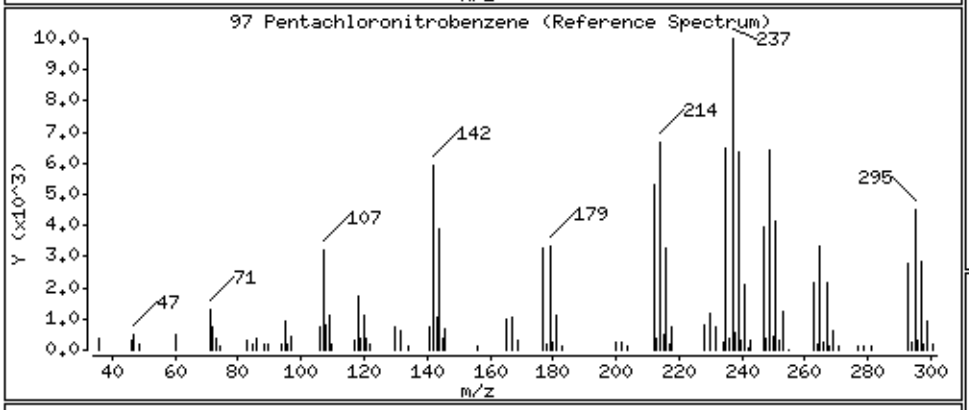
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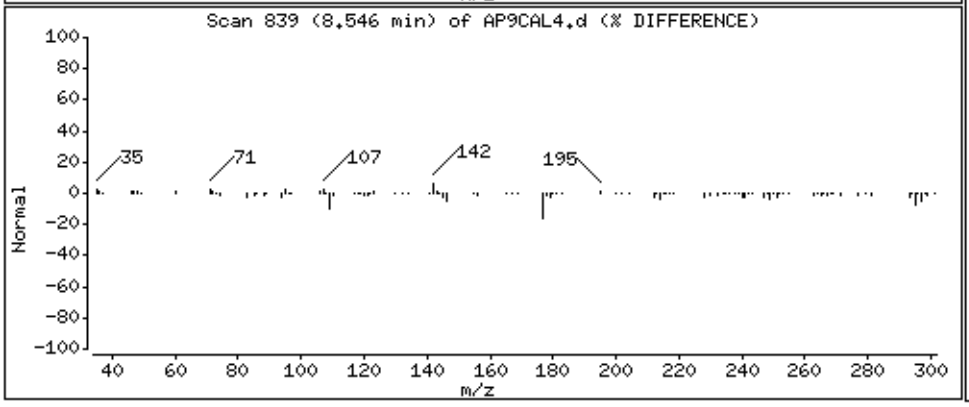
97 Pentachloronitrobenzene

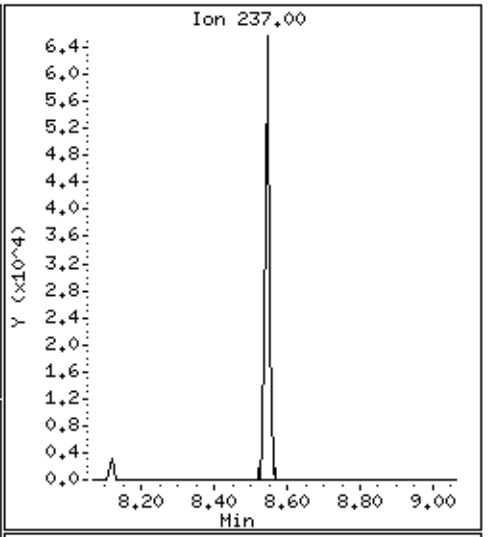
Concentration: 46.6 ug/l

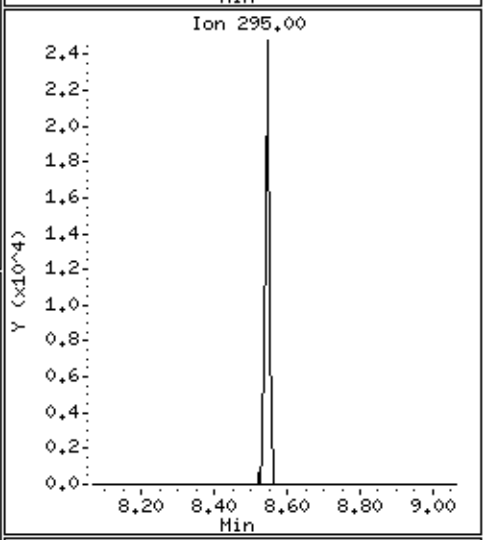


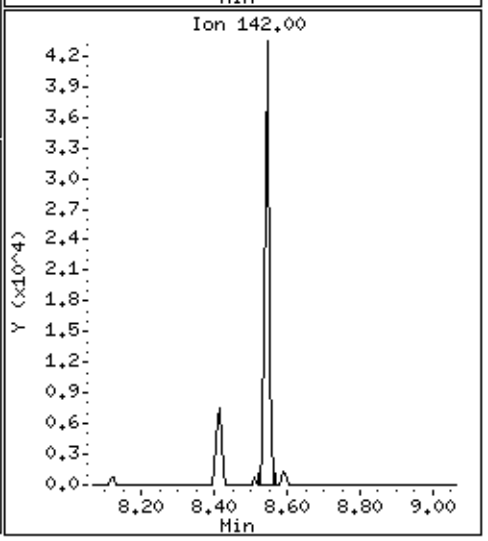












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Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

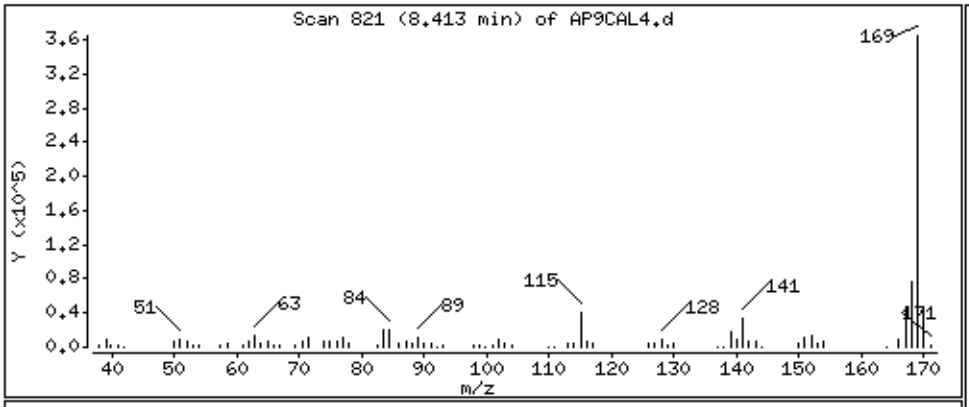
Operator: MJ

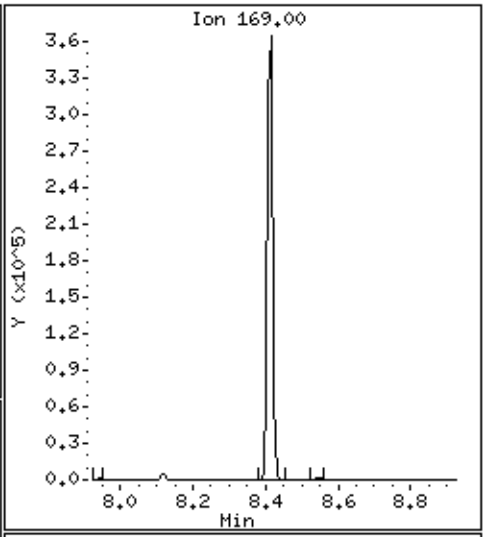
Column phase: HPMS-5

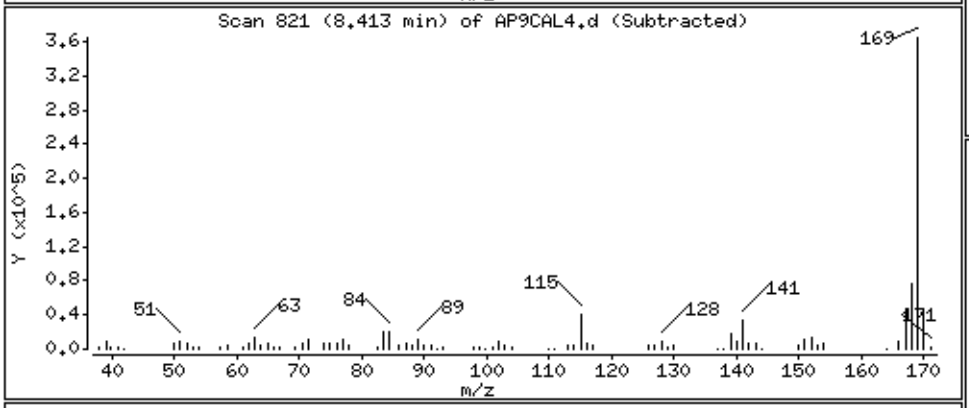
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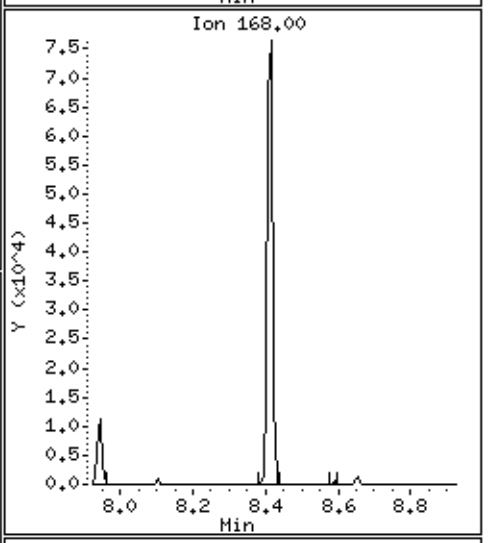
98 4-Aminobiphenyl

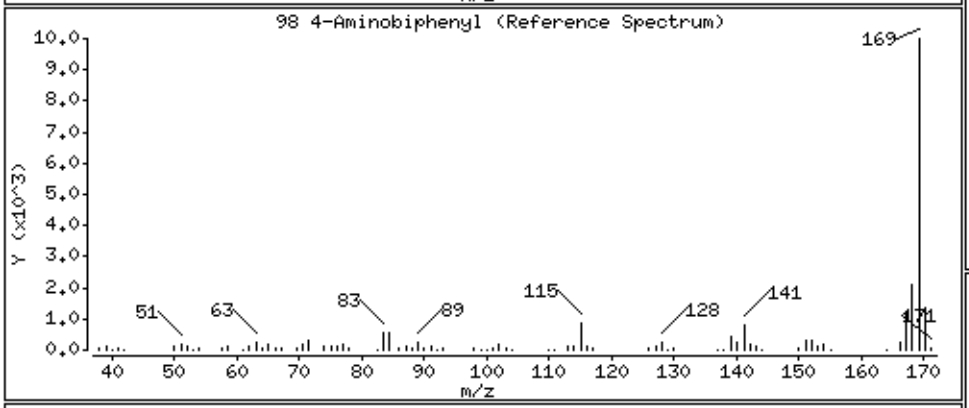
Concentration: 46.4 ug/l

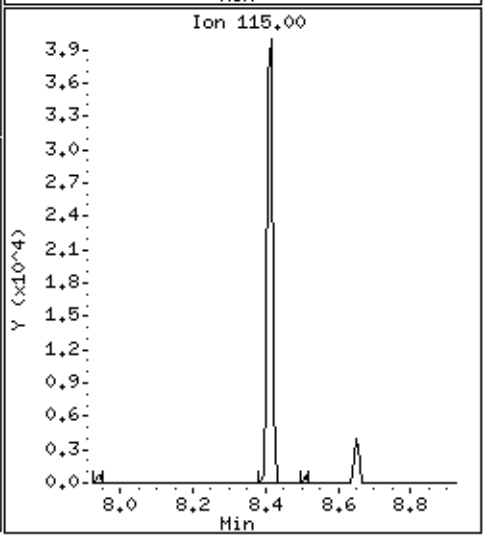


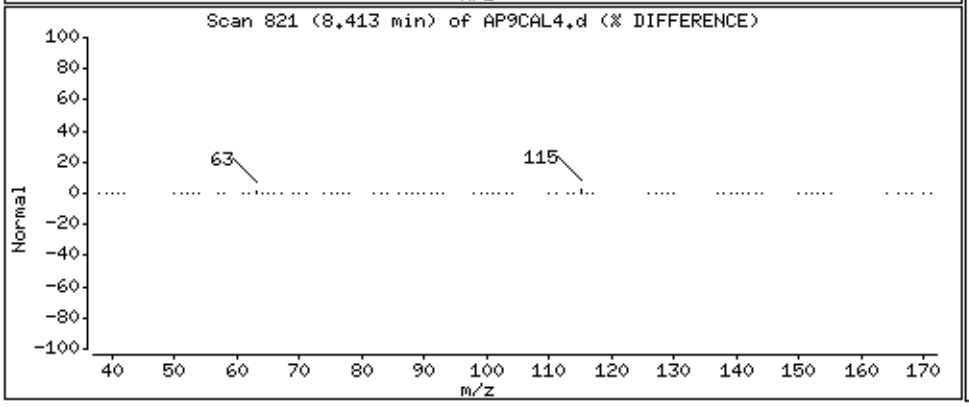












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

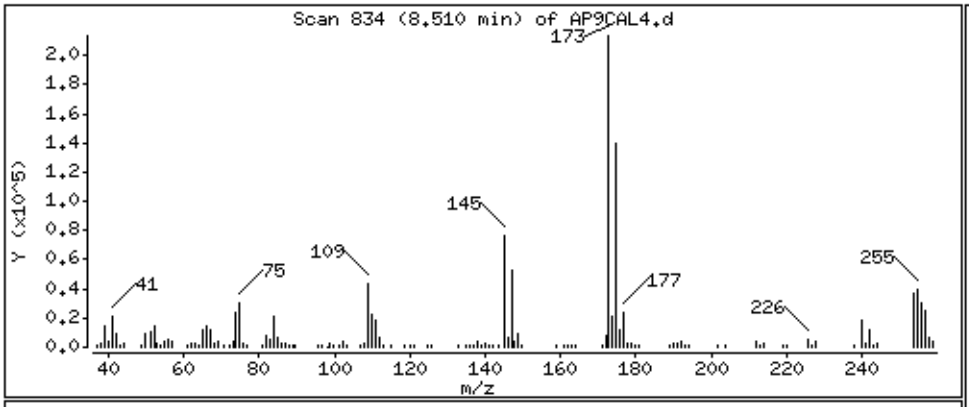
Operator: MJ

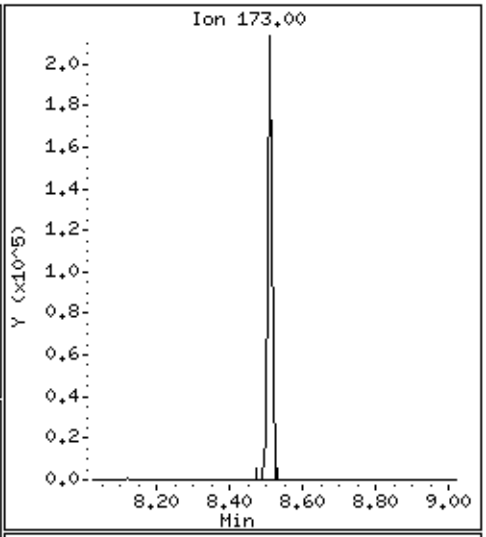
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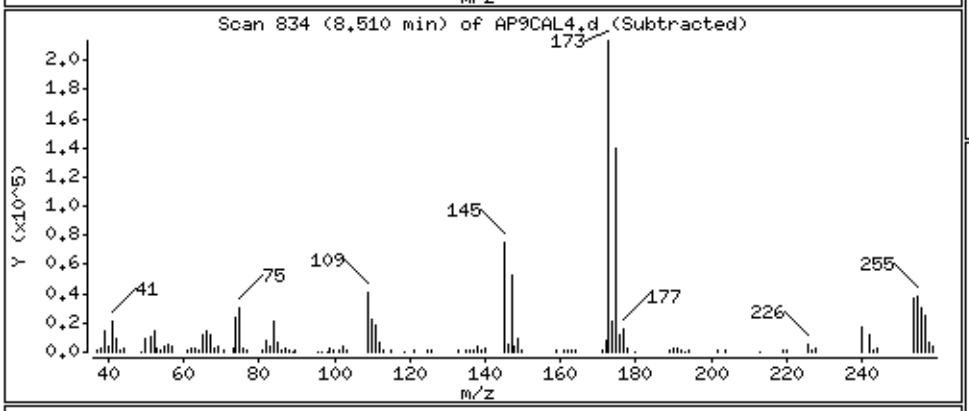
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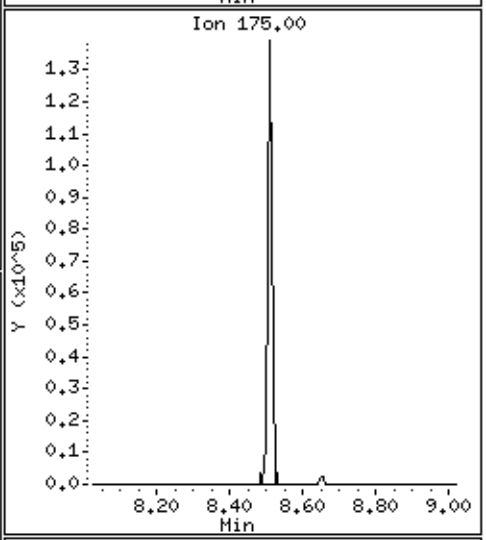
99 Pronamide

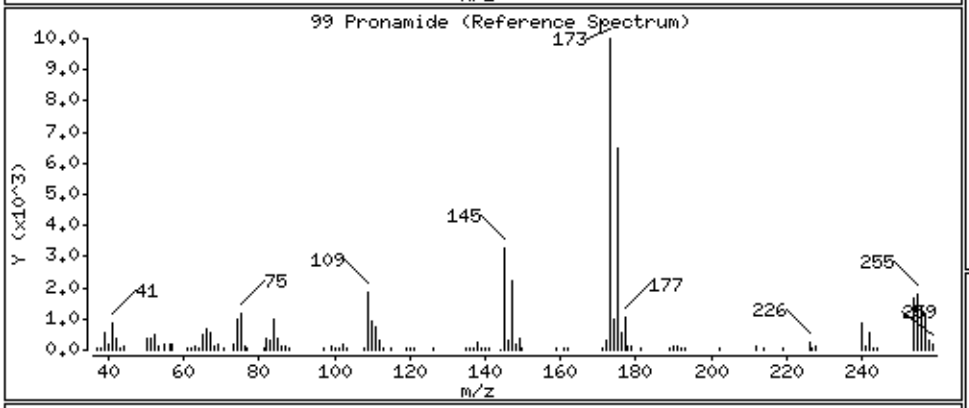
Concentration: 47.1 ug/l

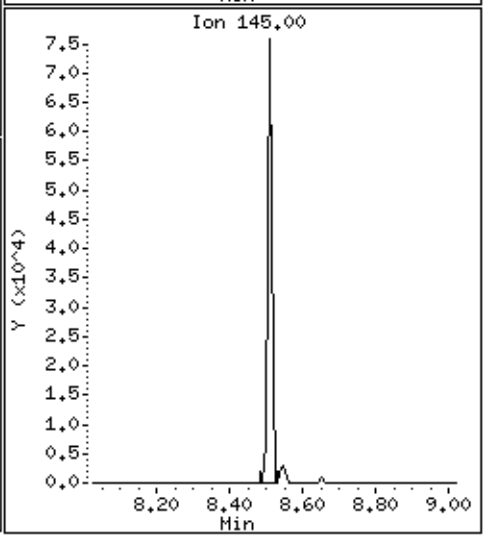


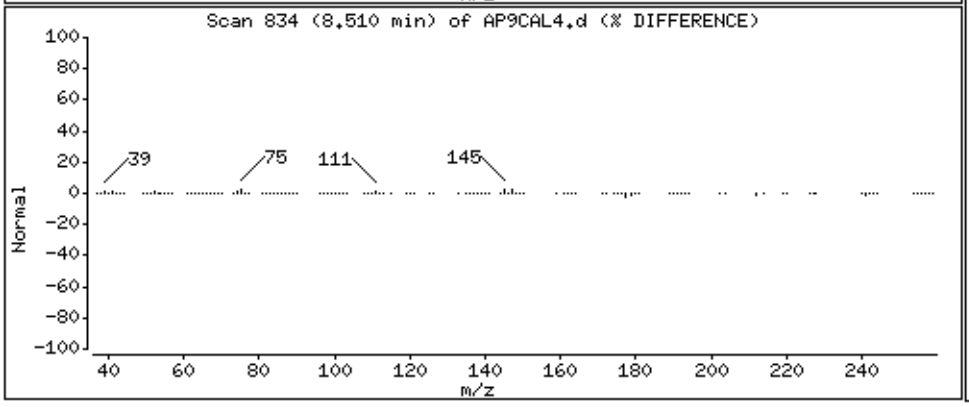












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

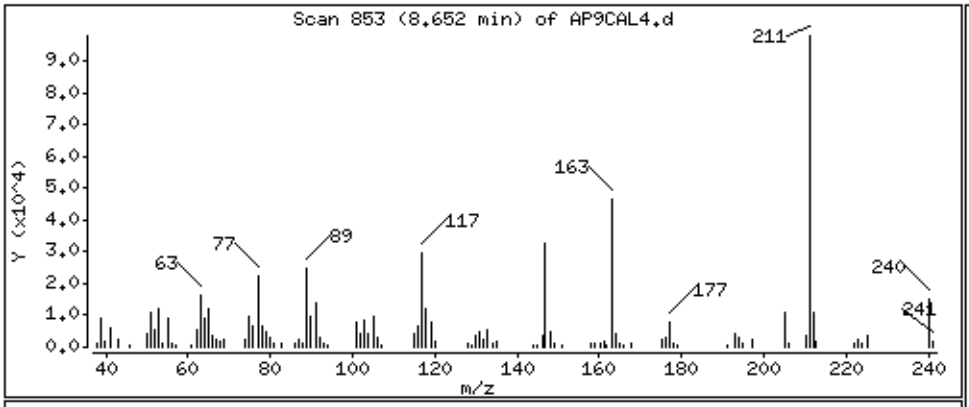
Operator: MJ

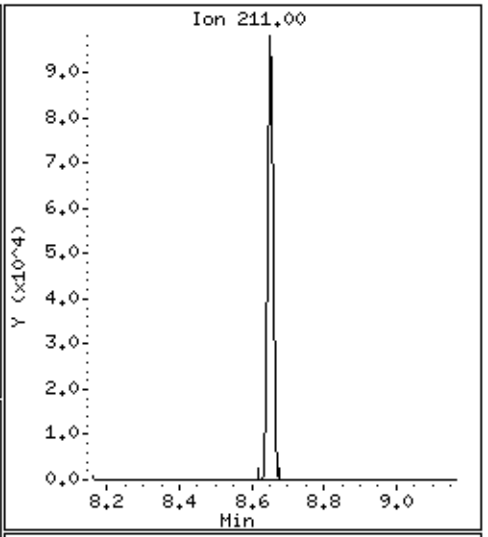
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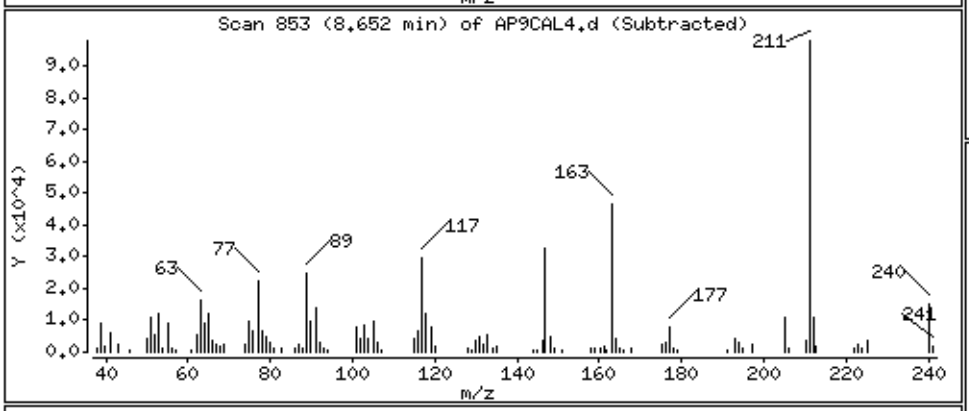
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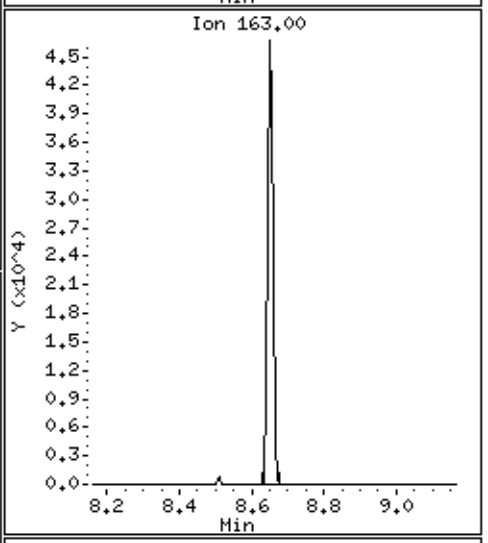
102 Dinoseb

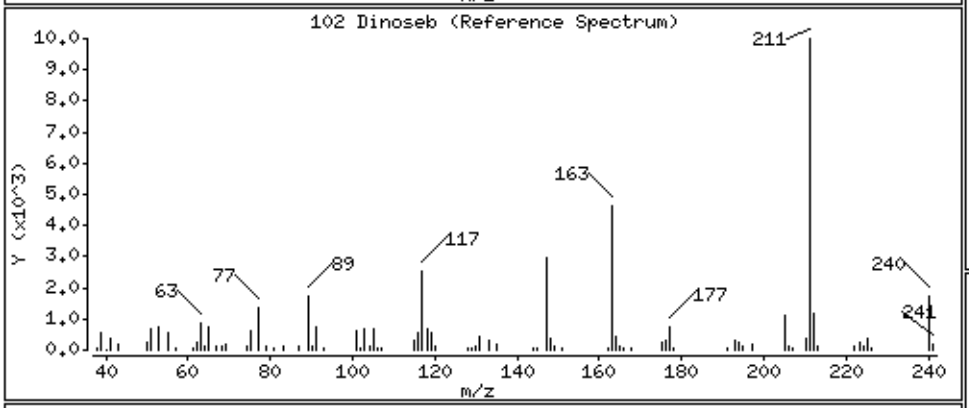
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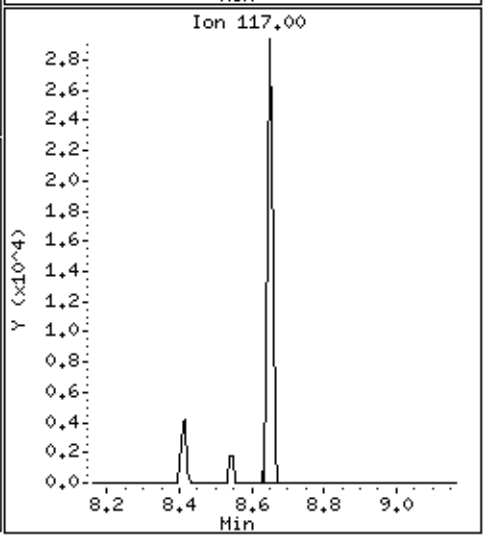


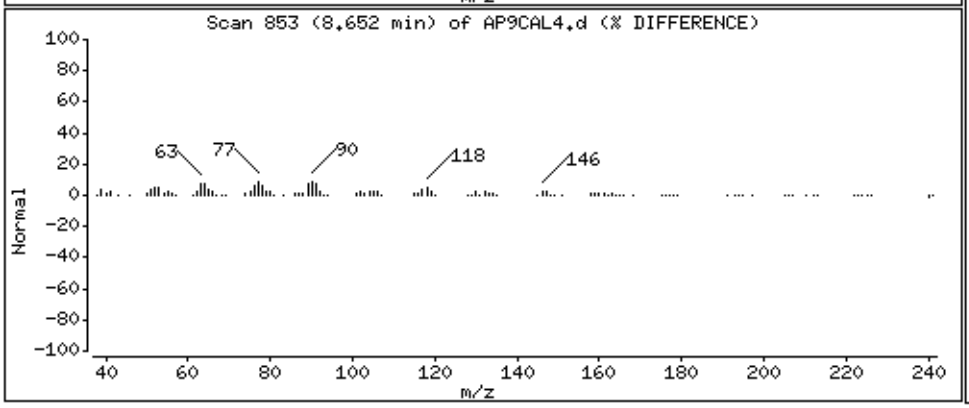












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

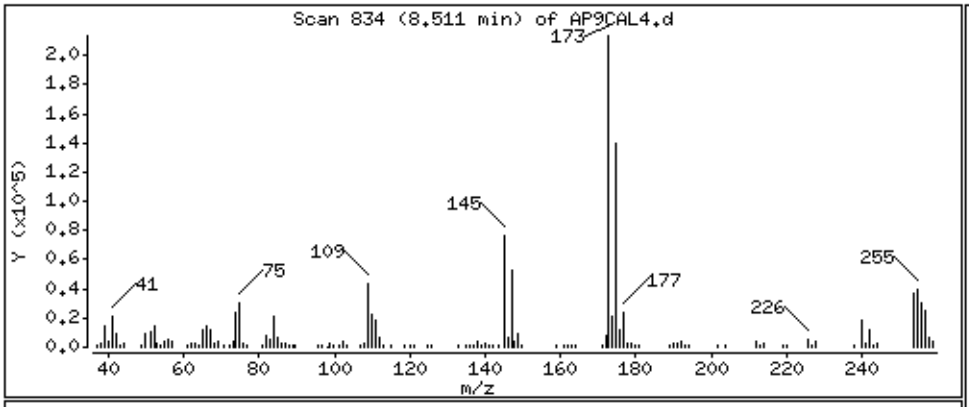
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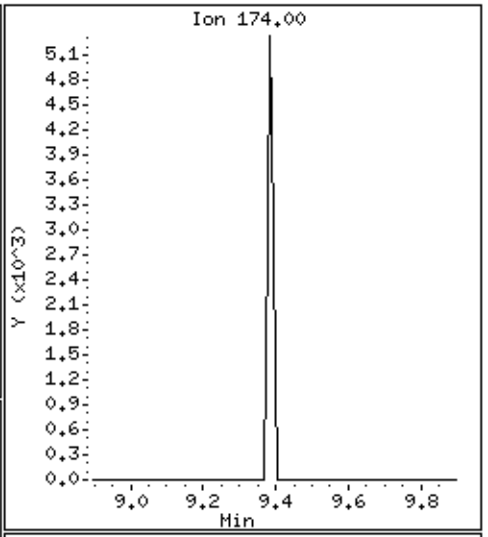
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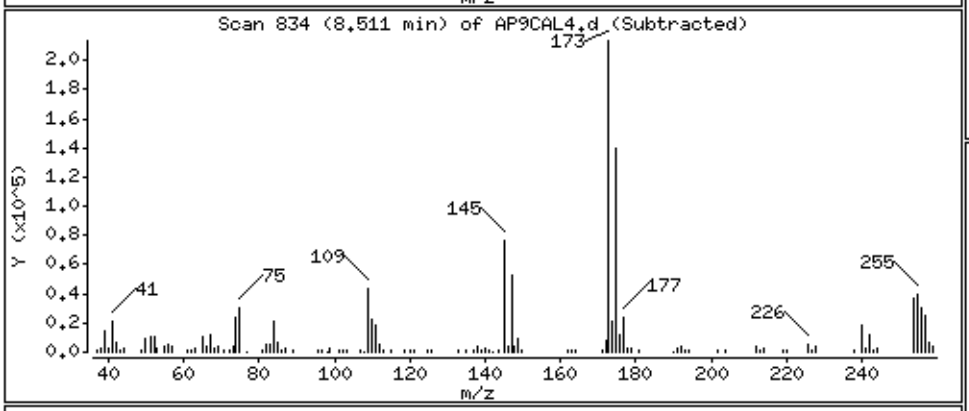
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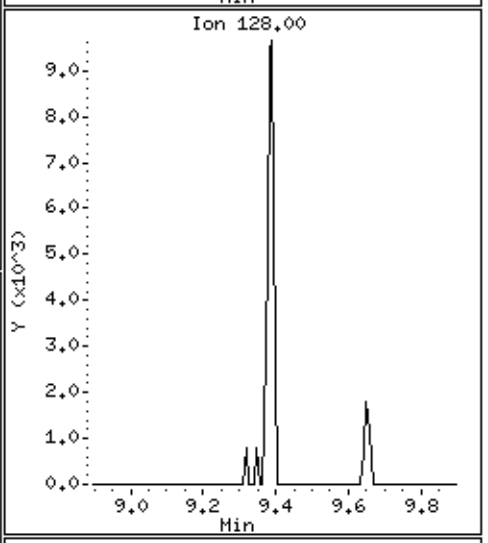
106 4-Nitroquinoline-1-oxide

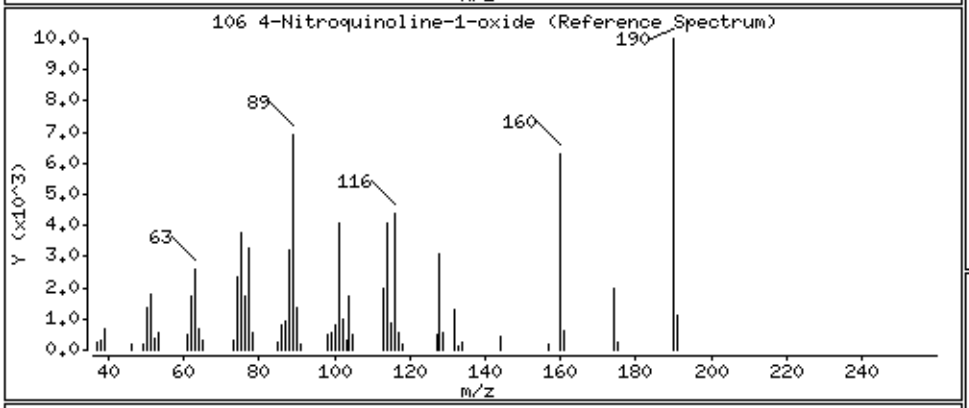
Concentration: 48.5 ug/l

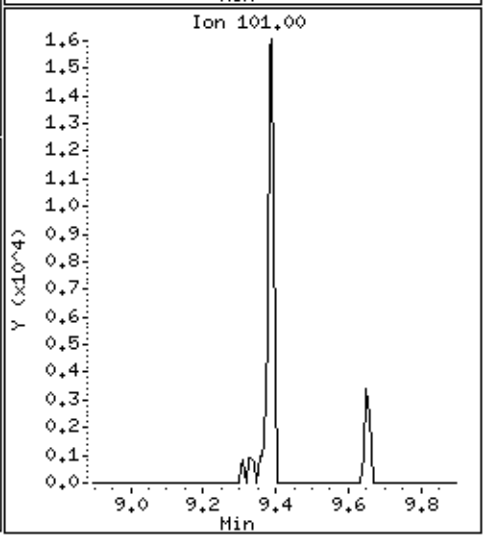


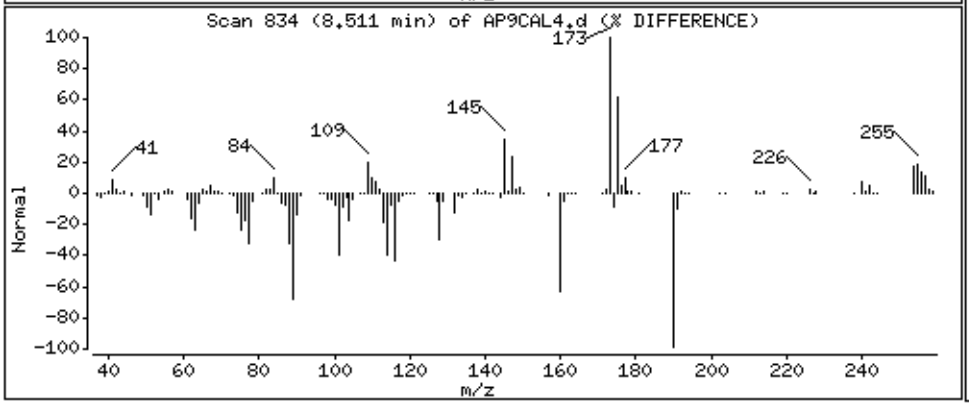












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

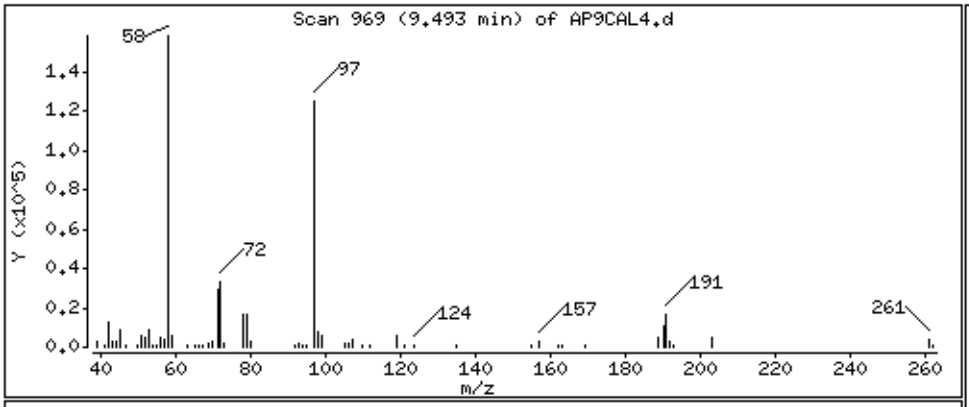
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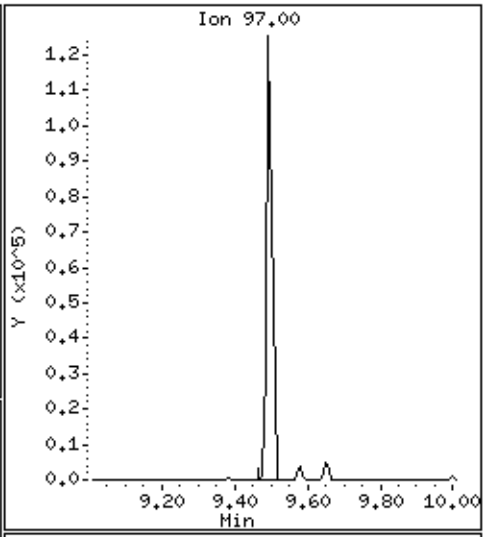
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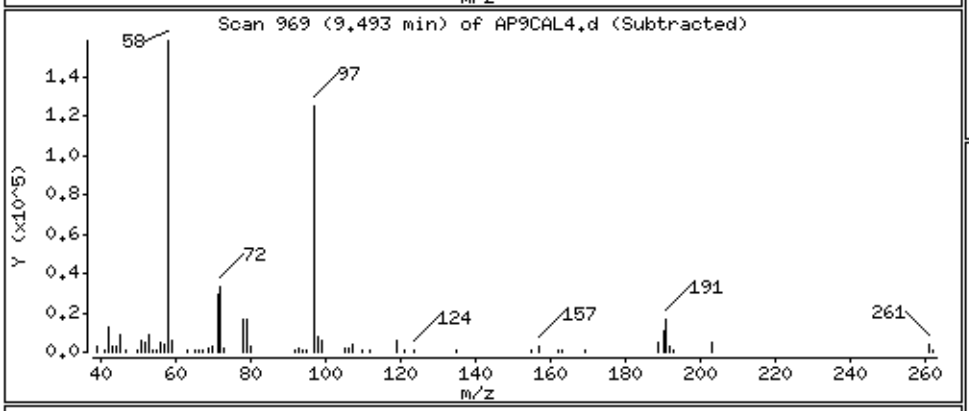
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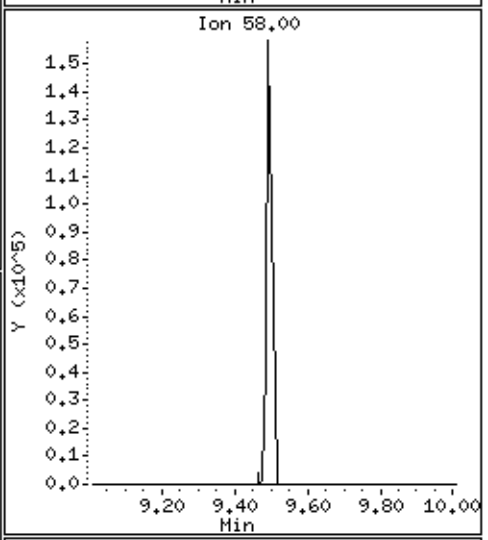
107 Methapyrilene

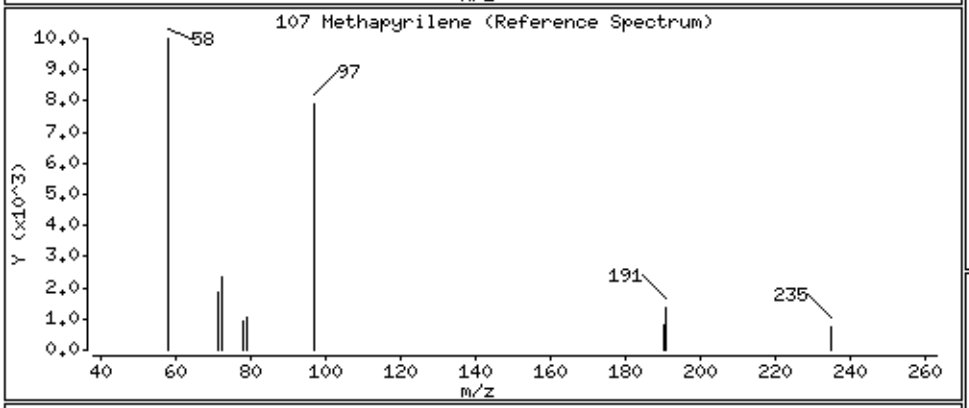
Concentration: 9.9 ug/l

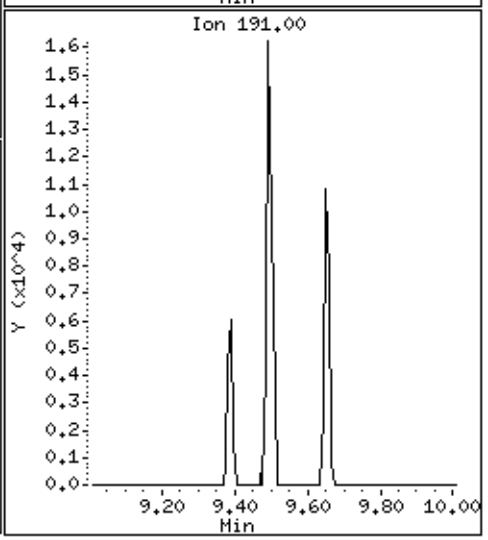


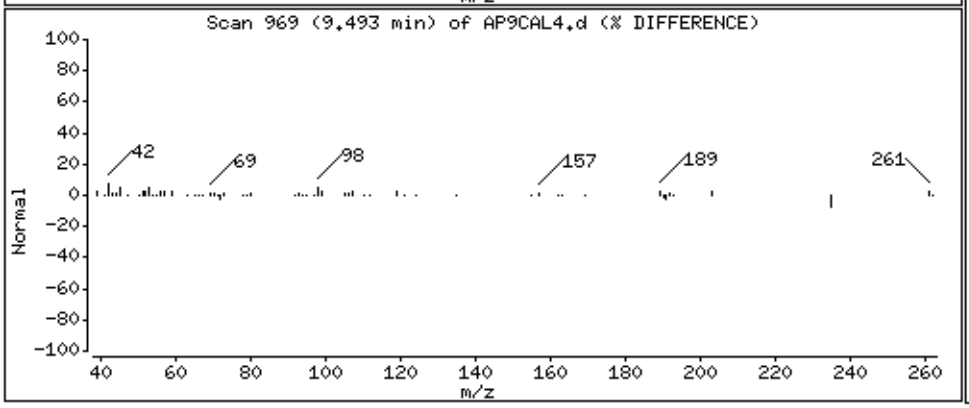












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Date : 20-NOV-2012 17:14

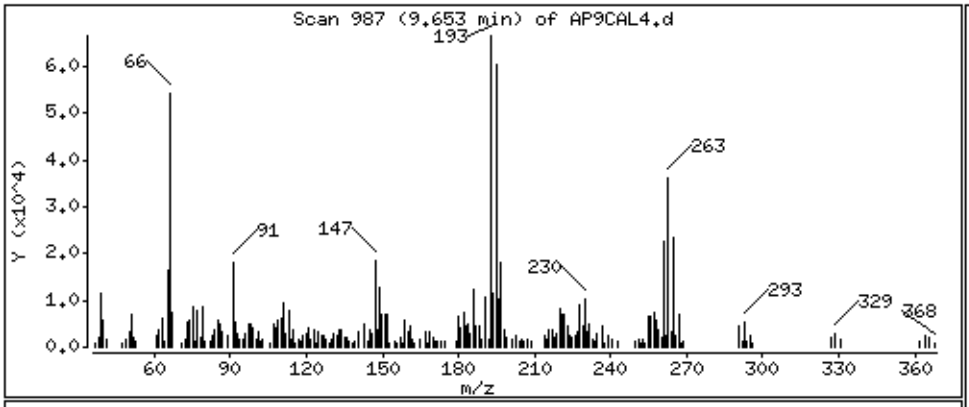
Client ID: AP9CAL4 Instrument: smsd04.i

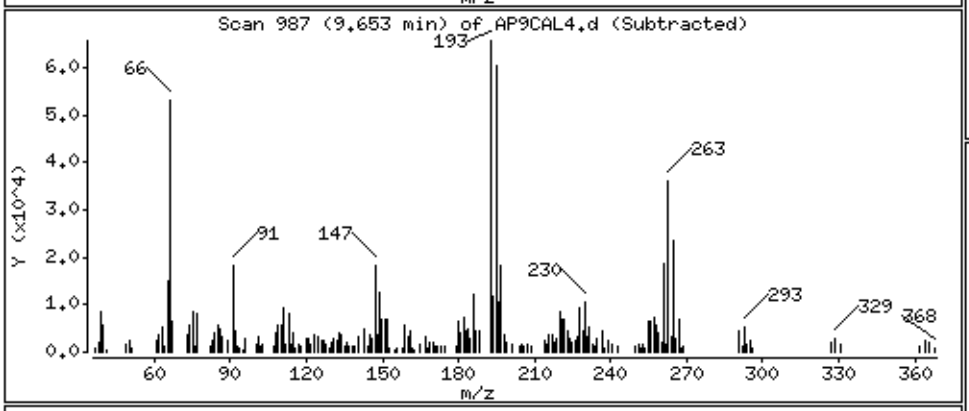
Sample Info: 47936

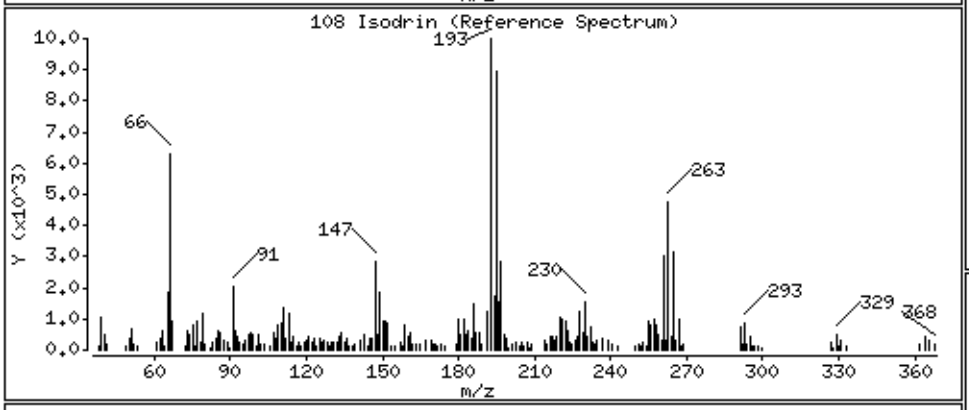
Purge Volume: 1000.0 Operator: MJ

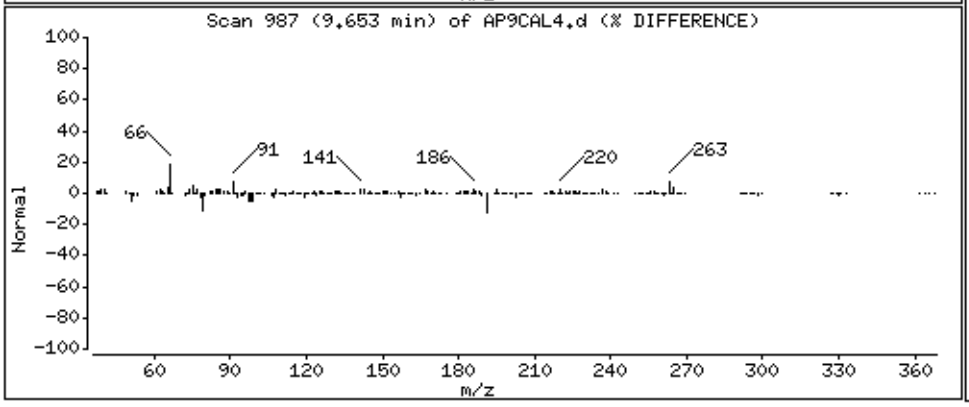
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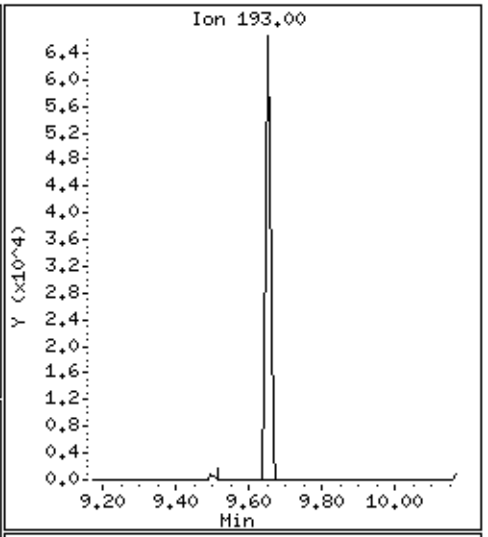
108 Isodrin Concentration: 46.3 ug/l

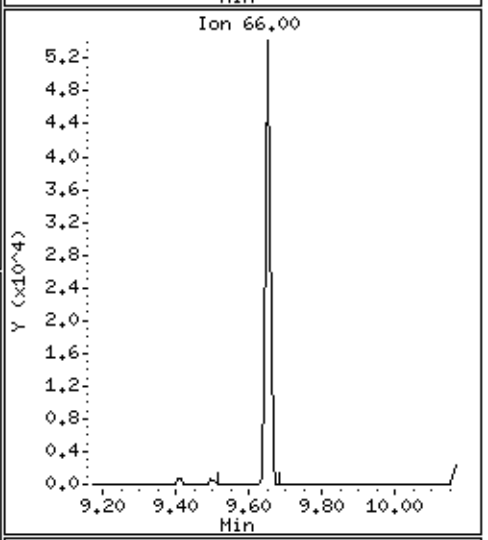


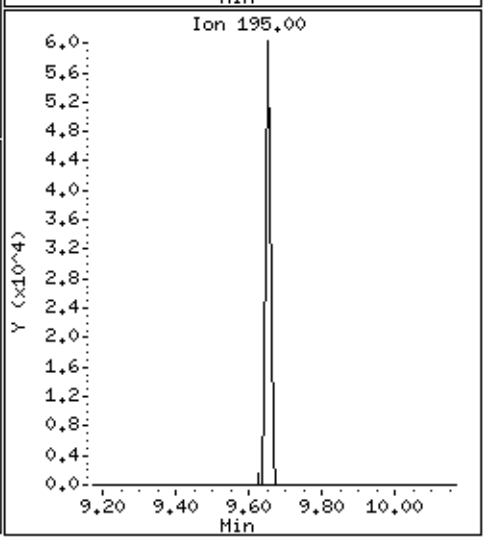












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

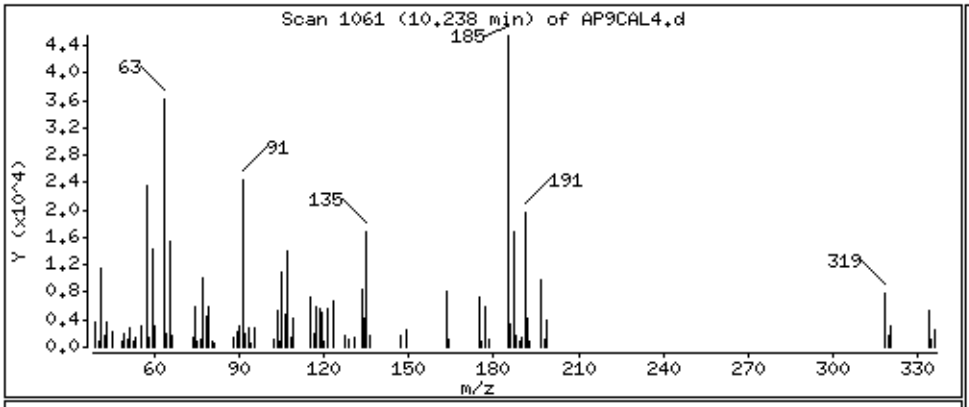
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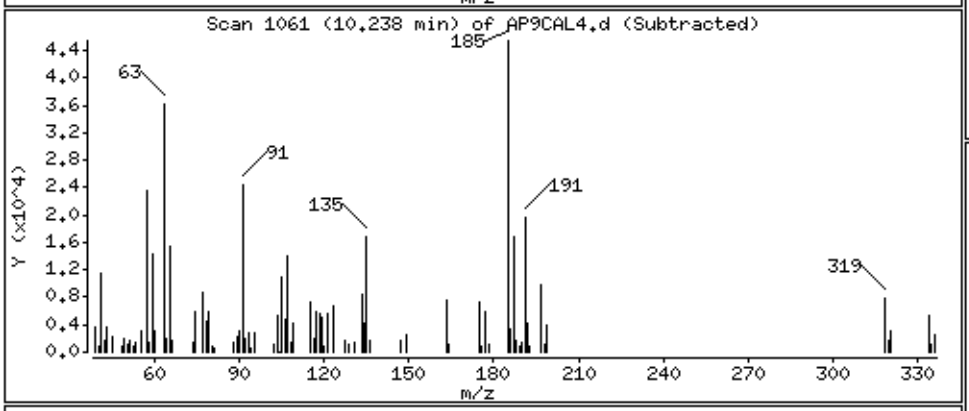
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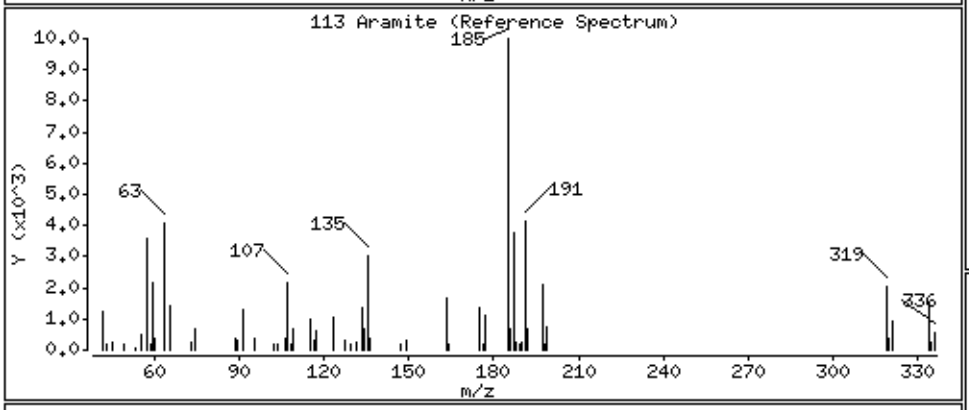
Column diameter: 0.25

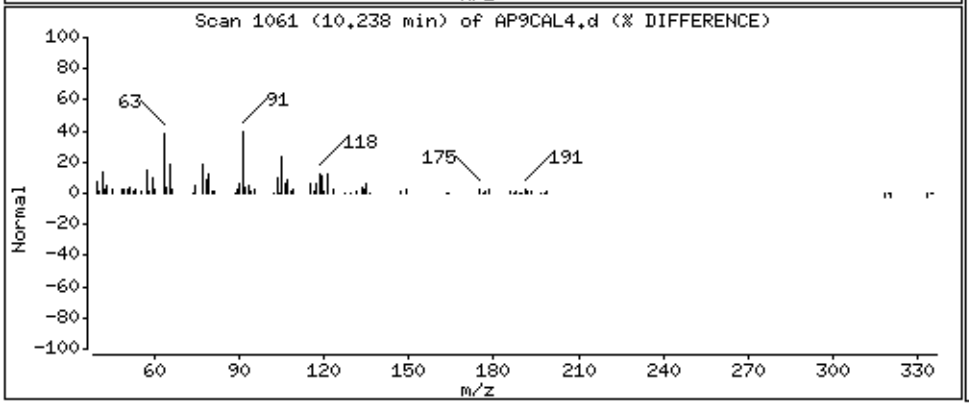
113 Aramite

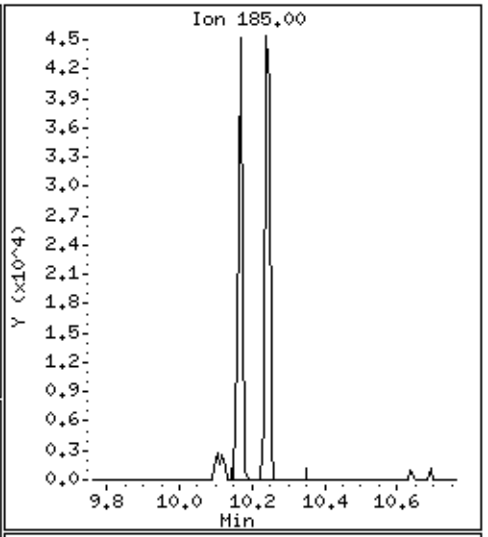
Concentration: 46.5 ug/l

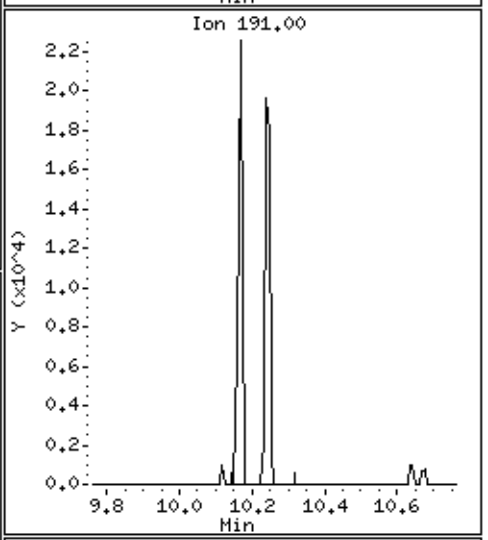


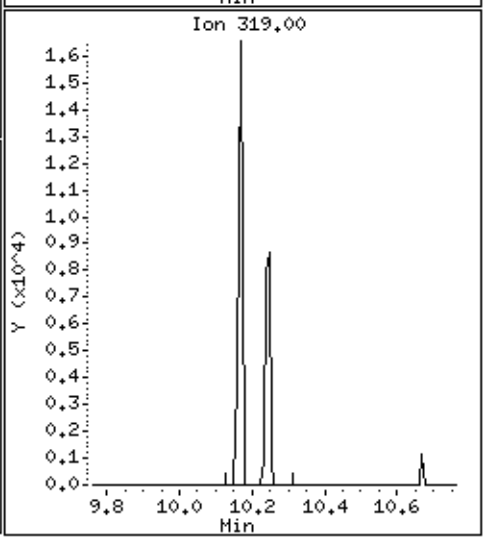












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

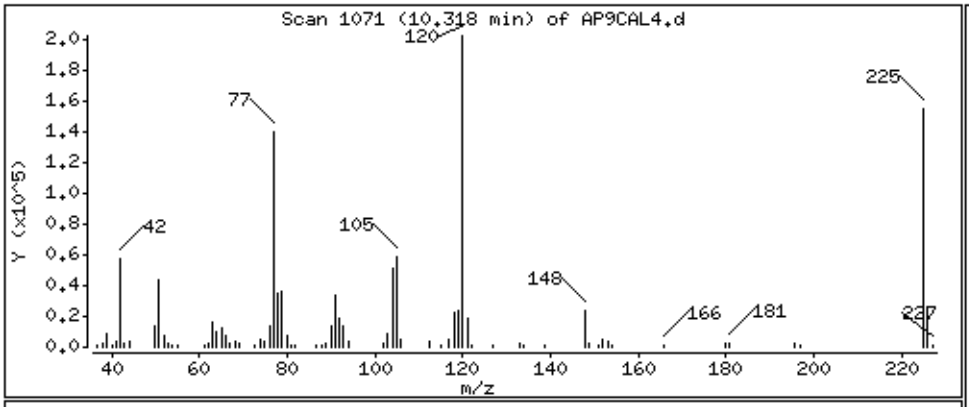
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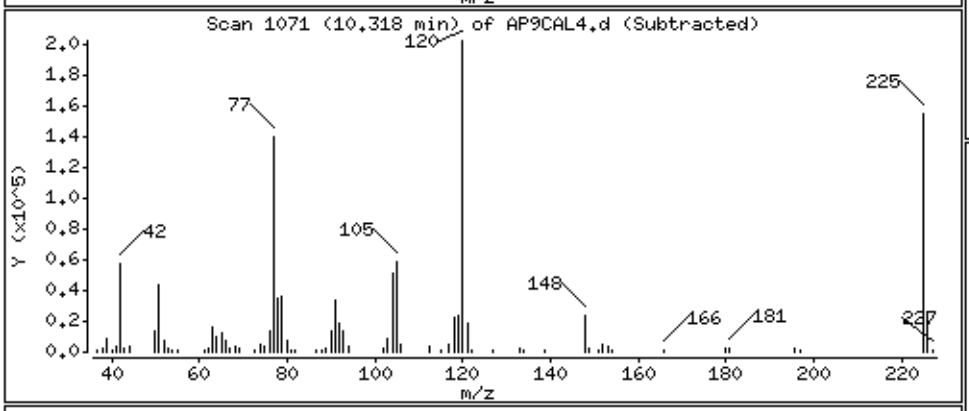
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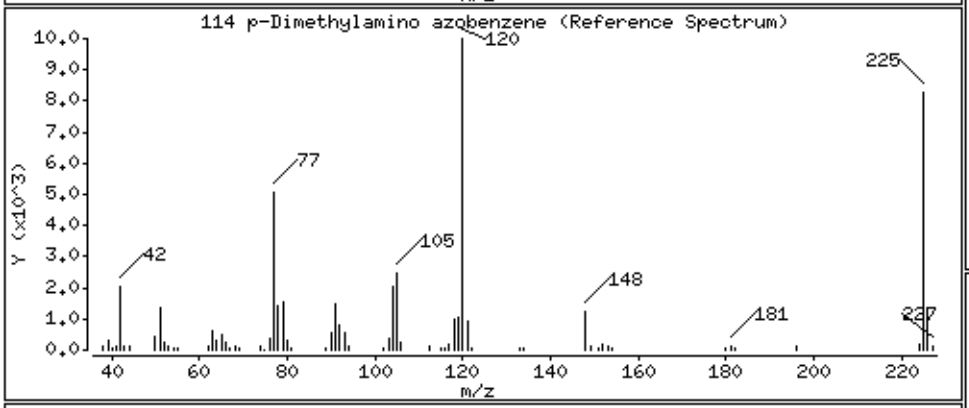
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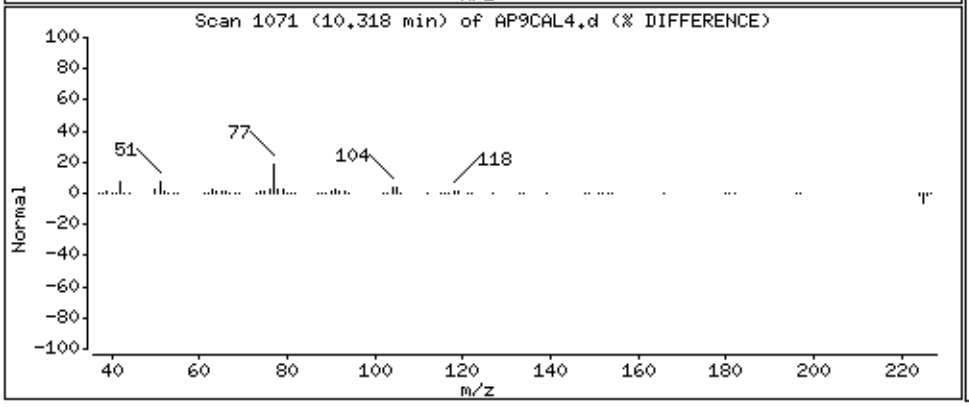
114 p-Dimethylamino azobenzene

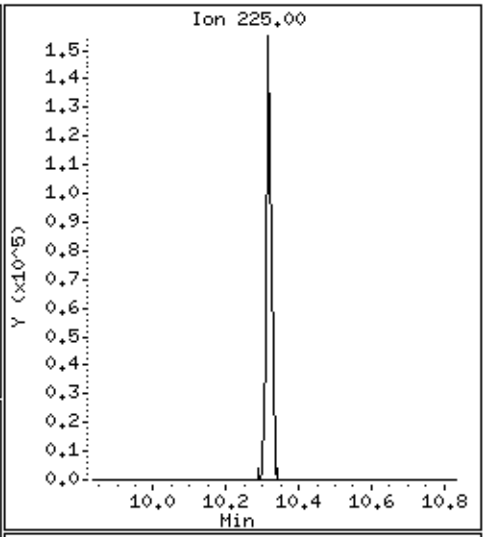
Concentration: 46.6 ug/l

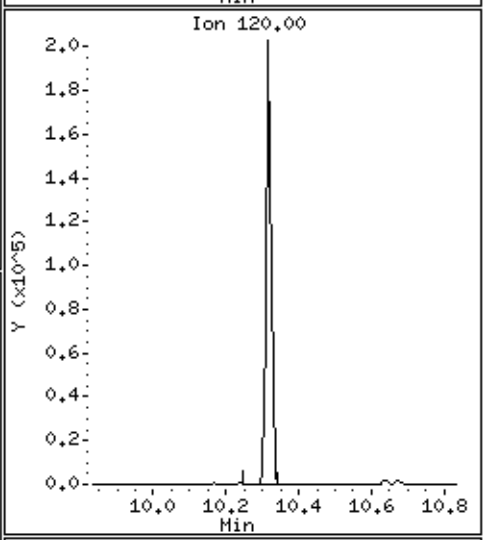


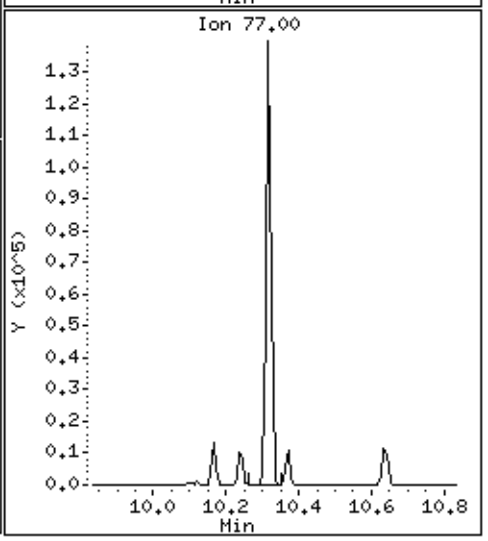












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

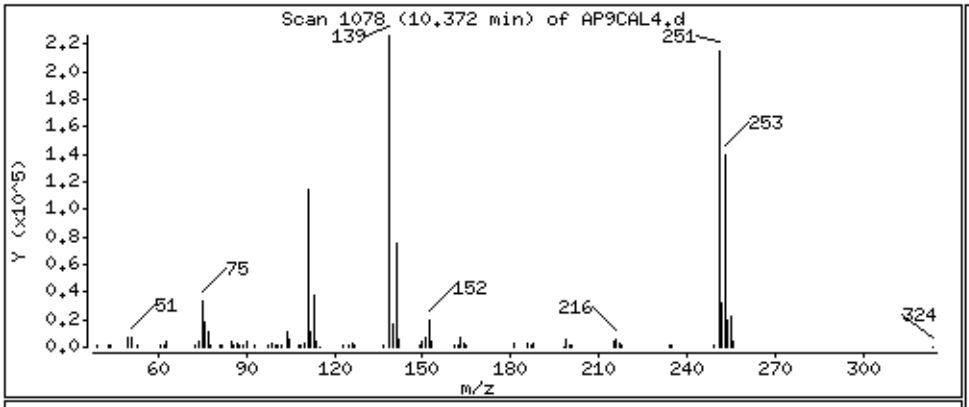
Client ID: AP9CAL4 Instrument: smsd04.i

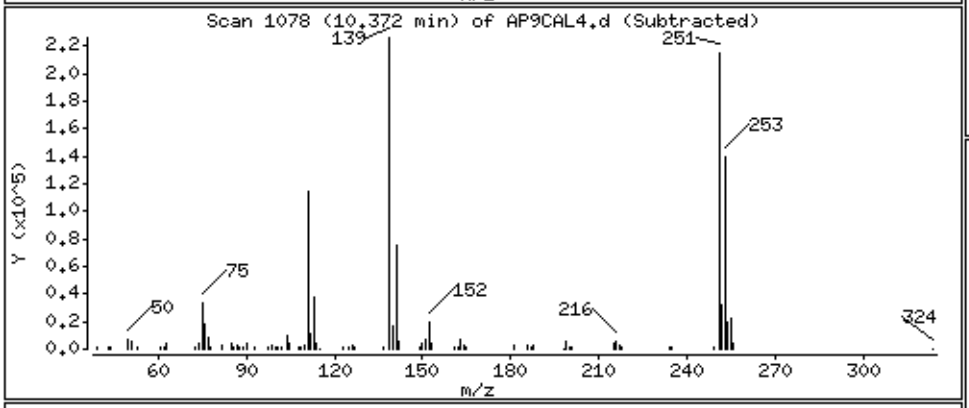
Sample Info: 47936

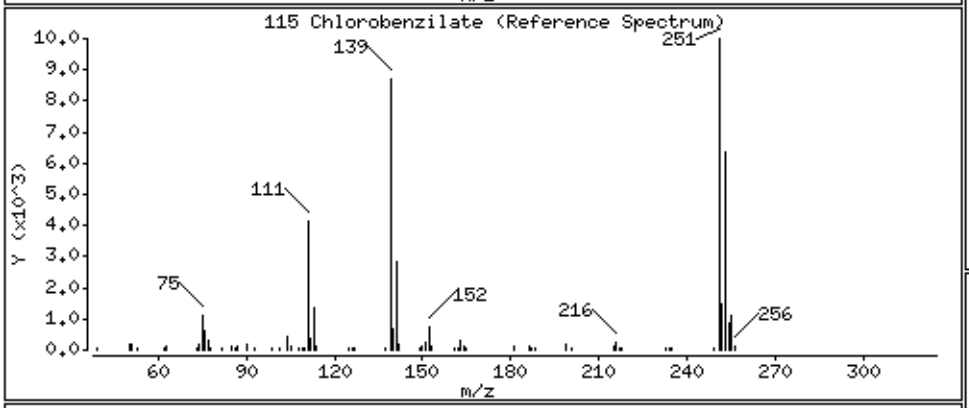
Purge Volume: 1000.0 Operator: MJ

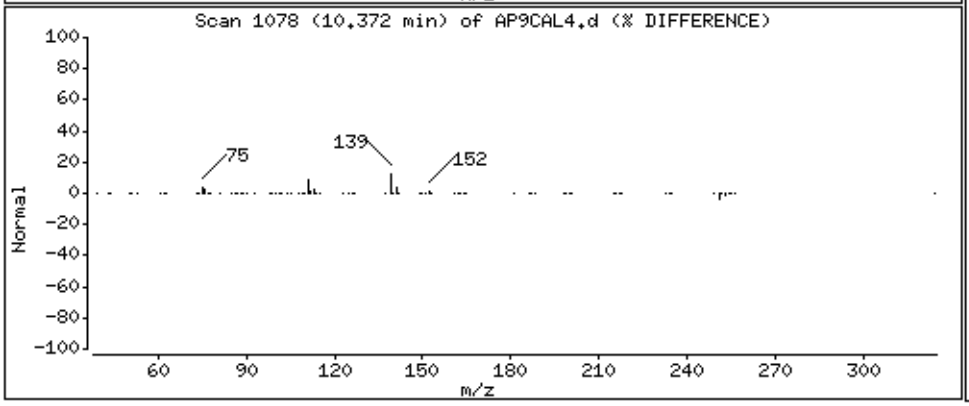
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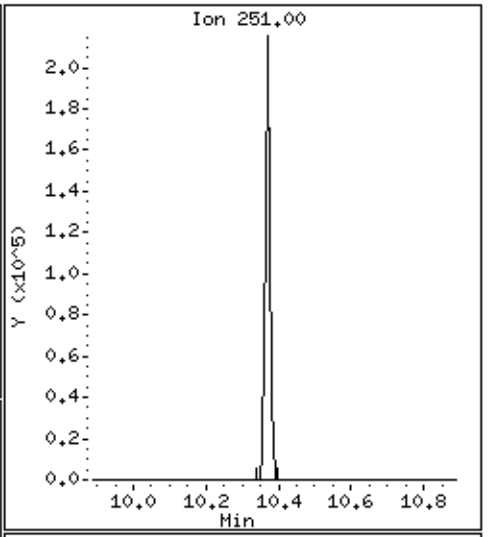
115 Chlorobenzilate Concentration: 46.0 ug/l

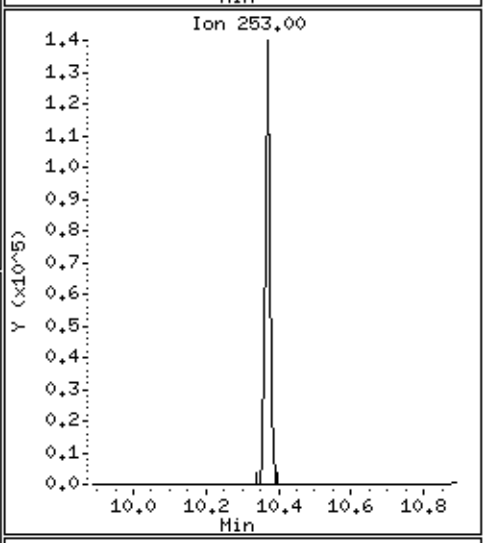


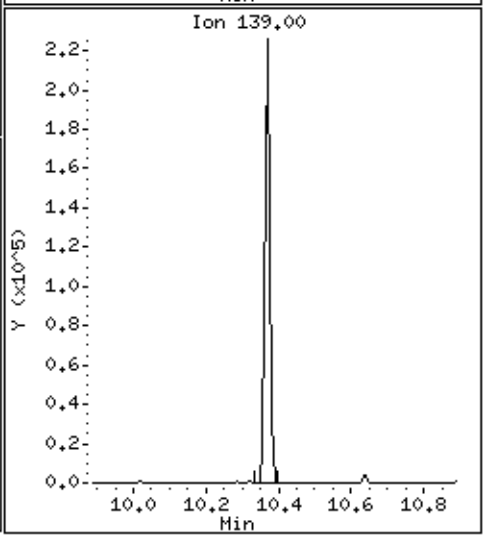












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

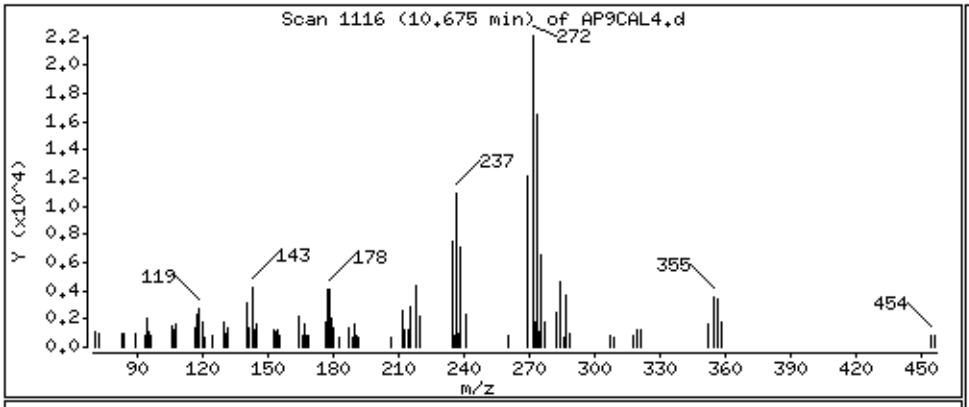
Operator: MJ

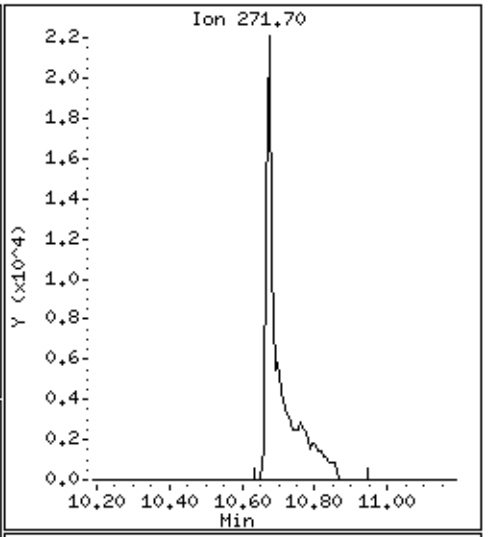
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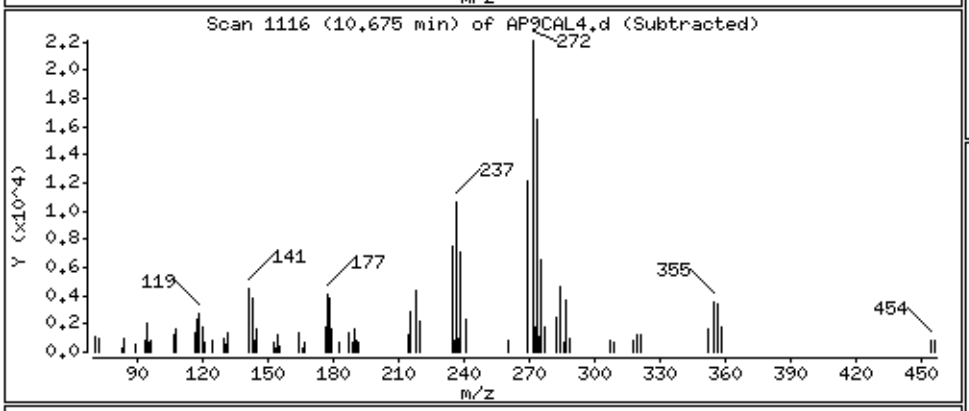
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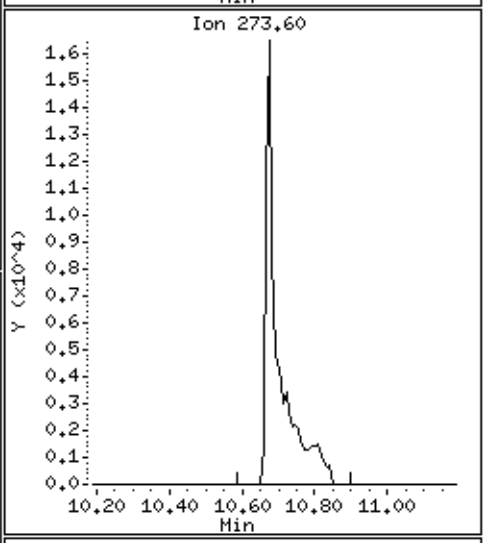
116 Kepone

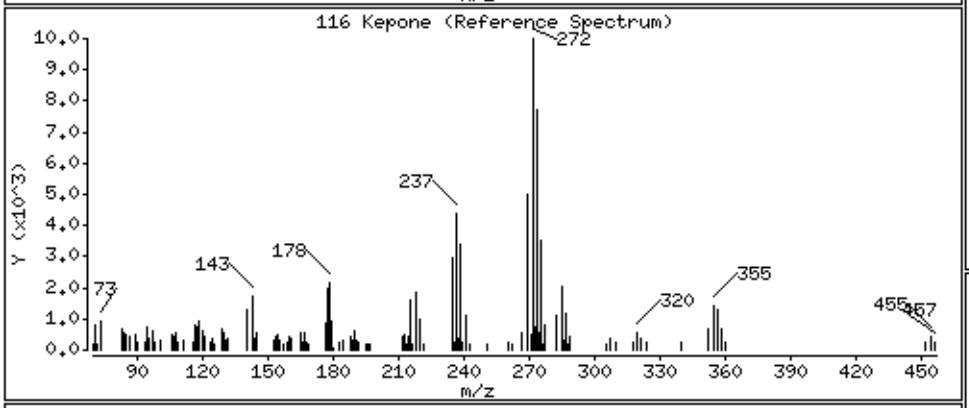
Concentration: 42.3 ug/l

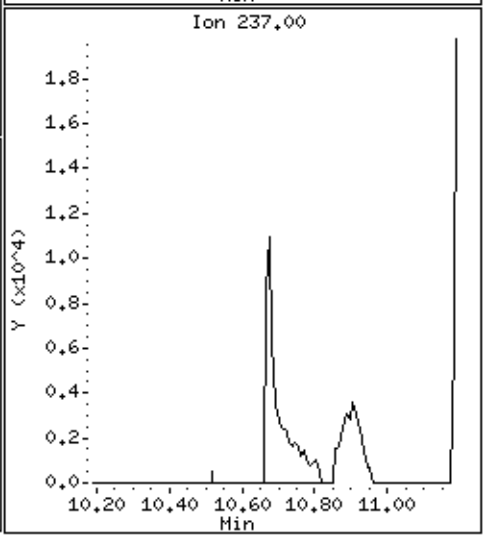


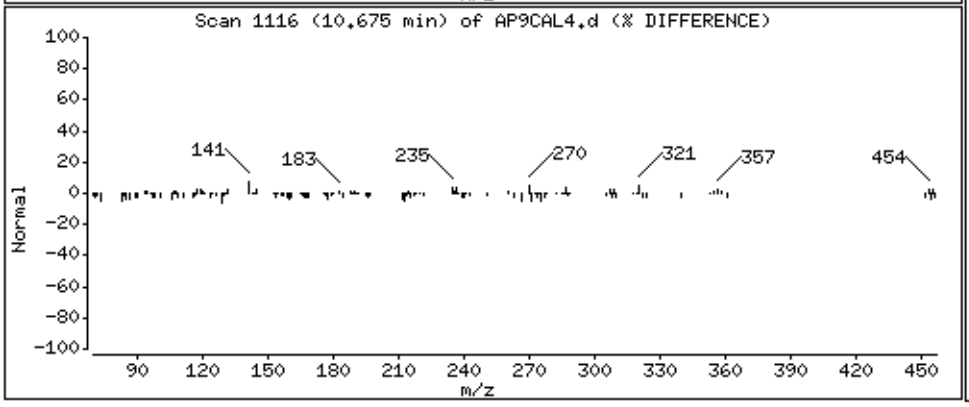












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

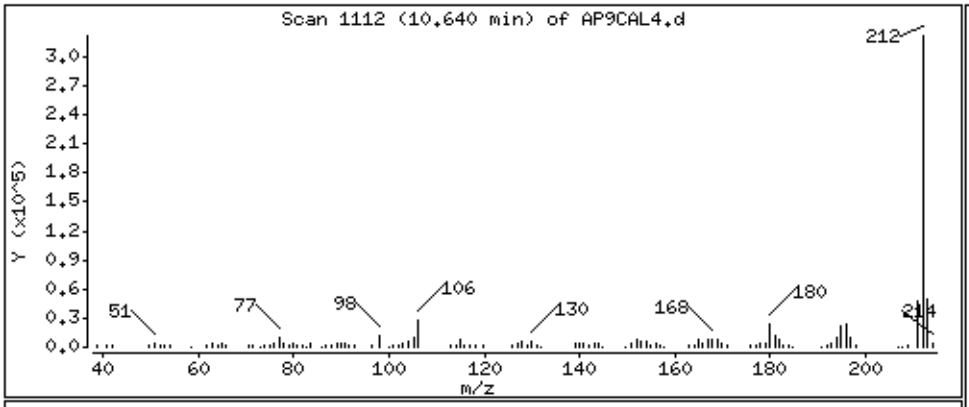
Operator: MJ

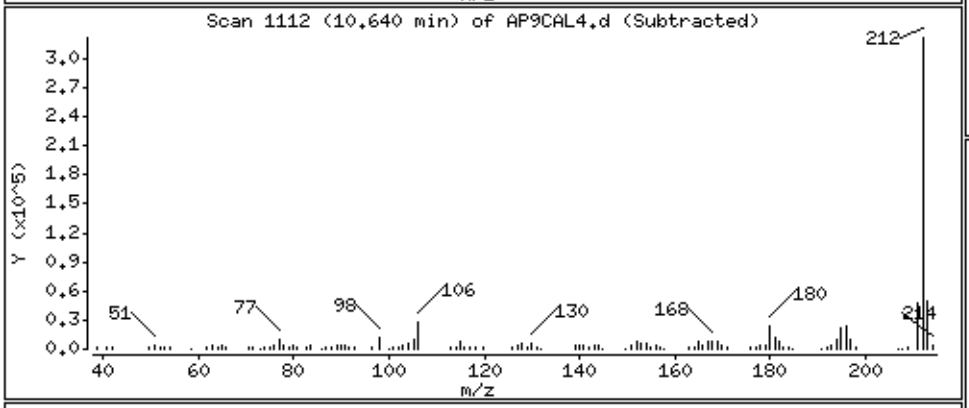
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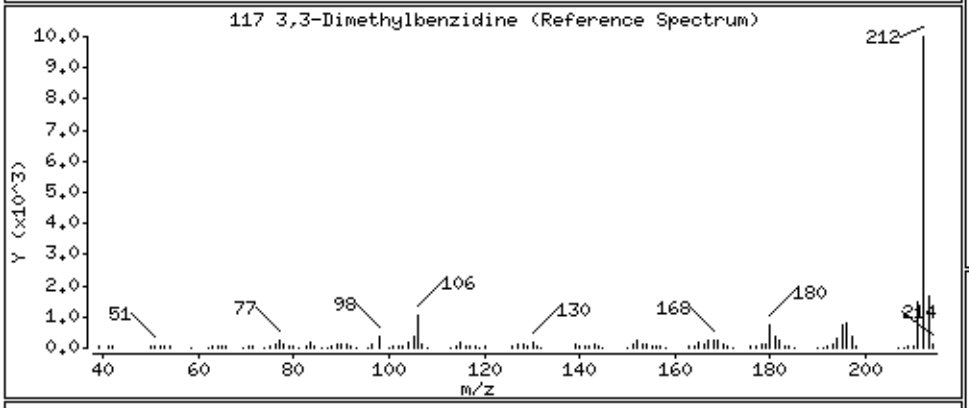
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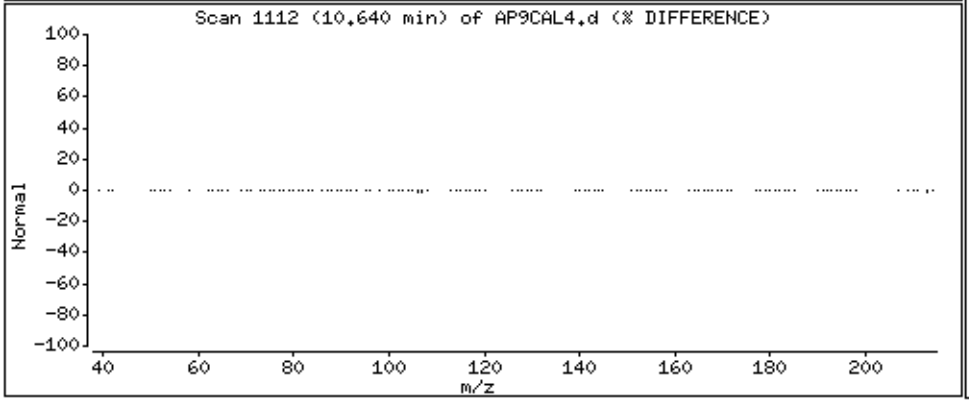
117 3,3-Dimethylbenzidine

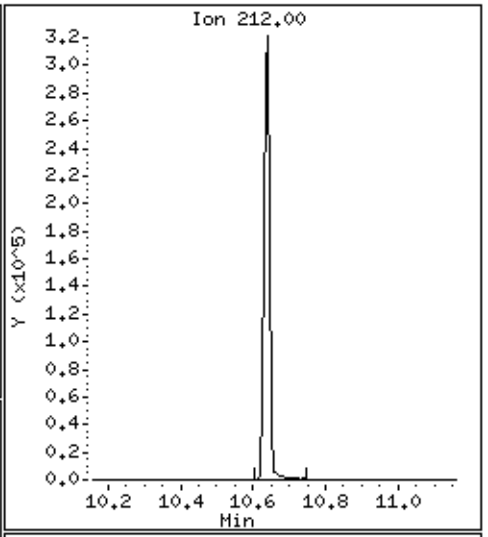
Concentration: 48.9 ug/l

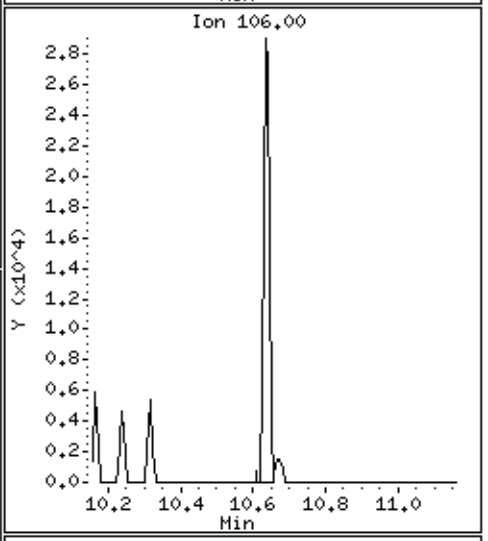


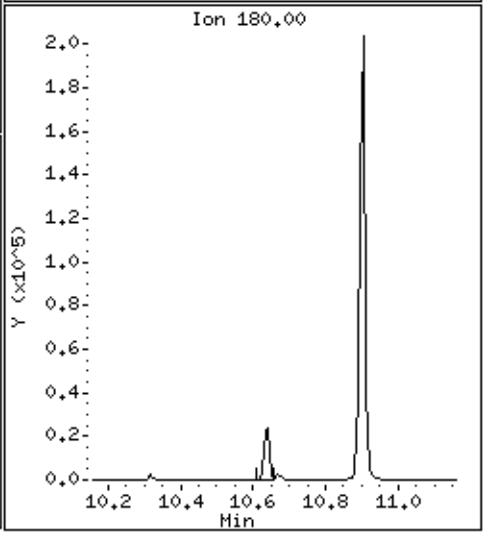












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

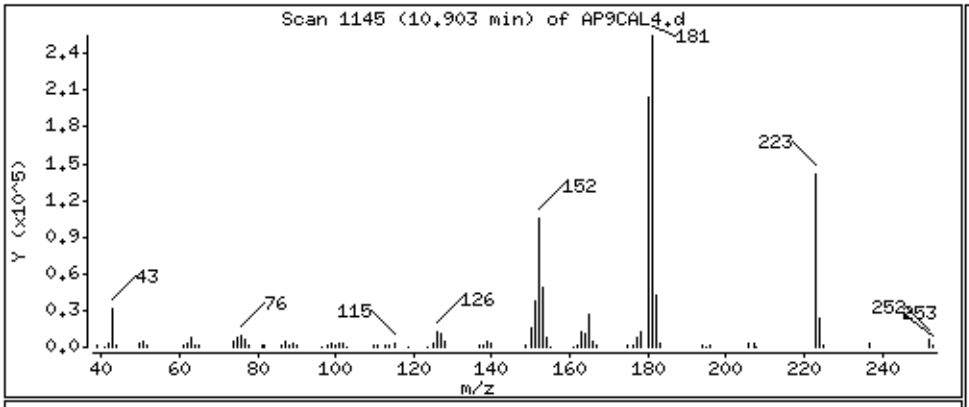
Operator: MJ

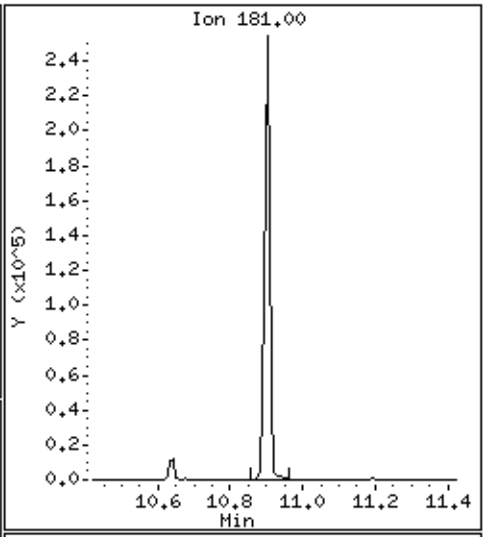
Column phase: HPMS-5

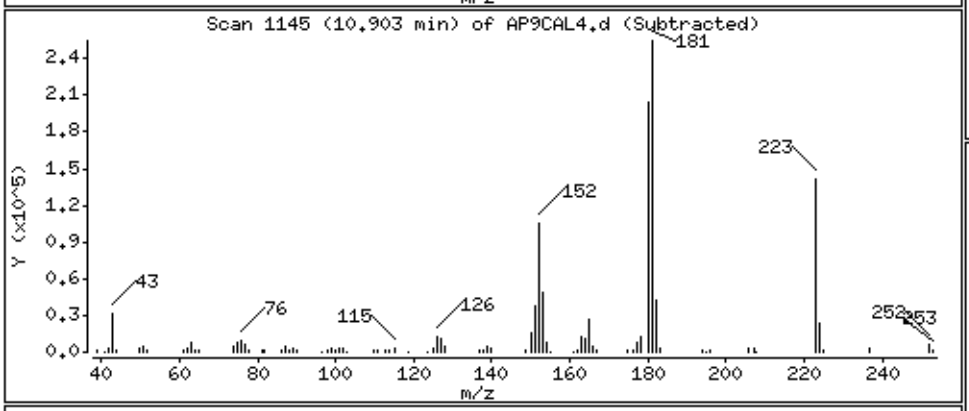
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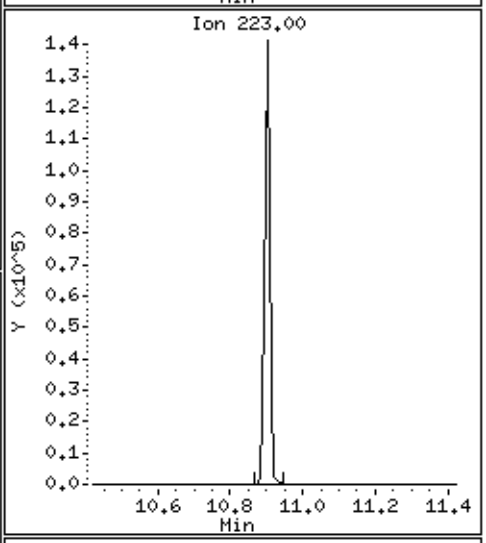
119 2-Acetylaminofluorene

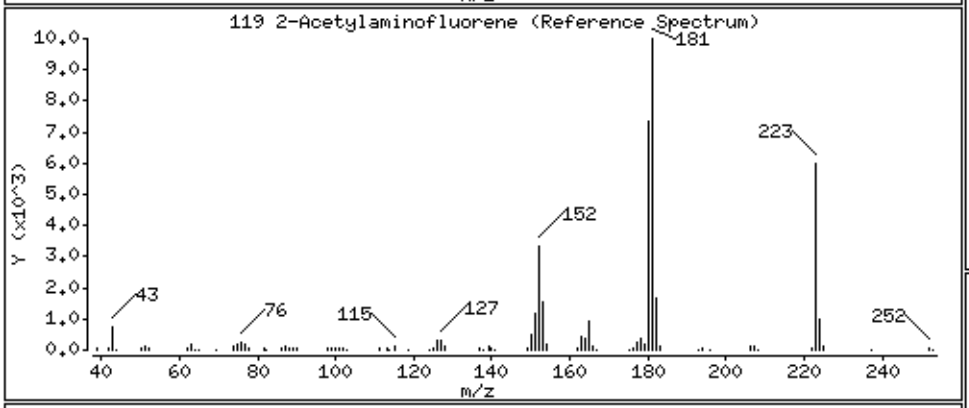
Concentration: 43.5 ug/l

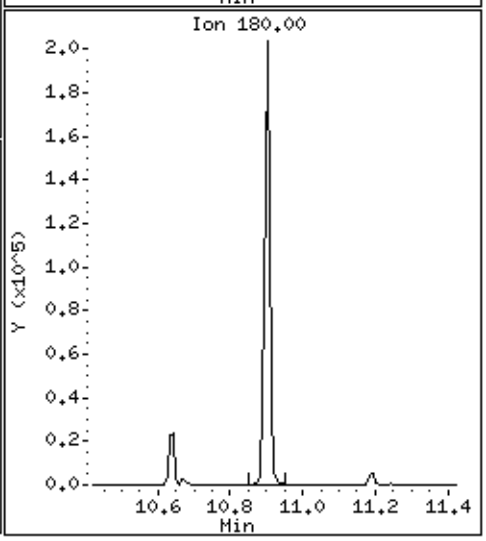


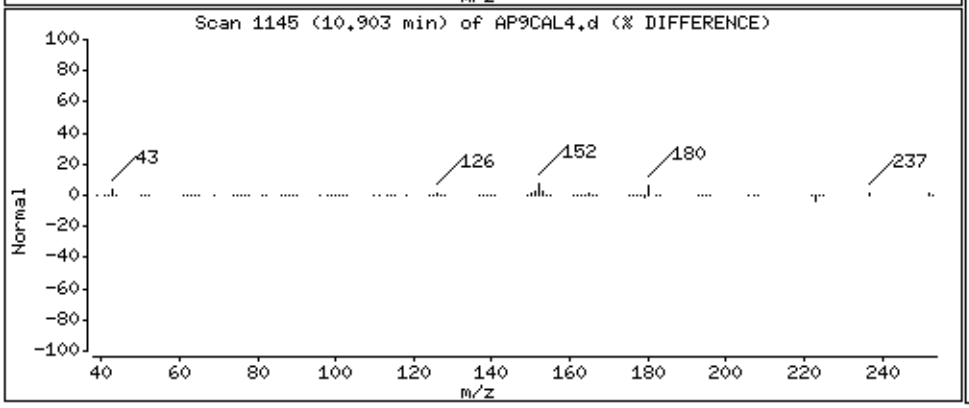












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

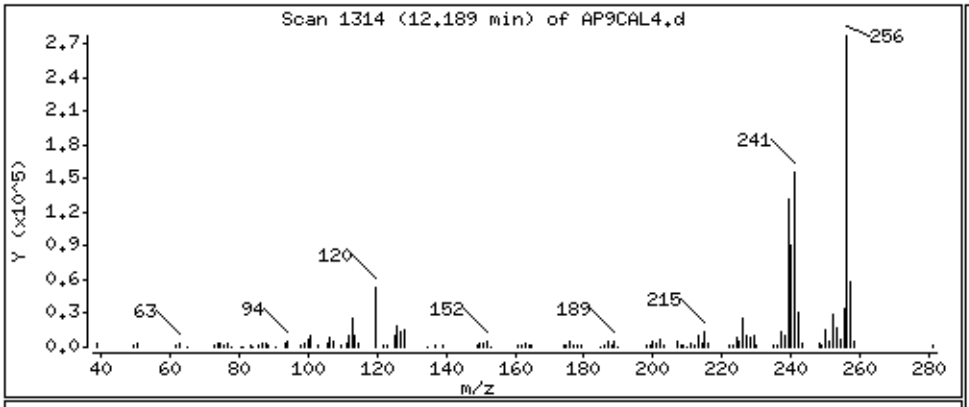
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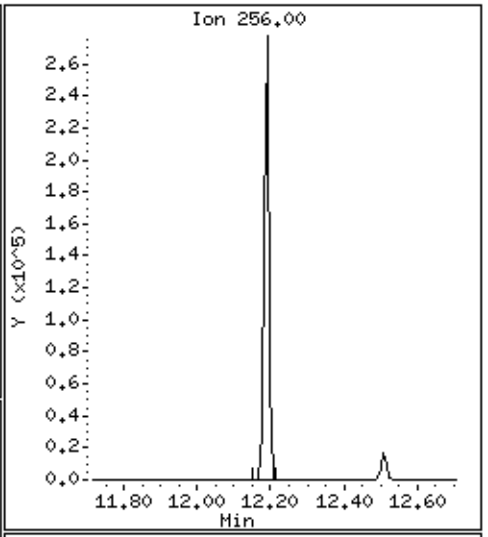
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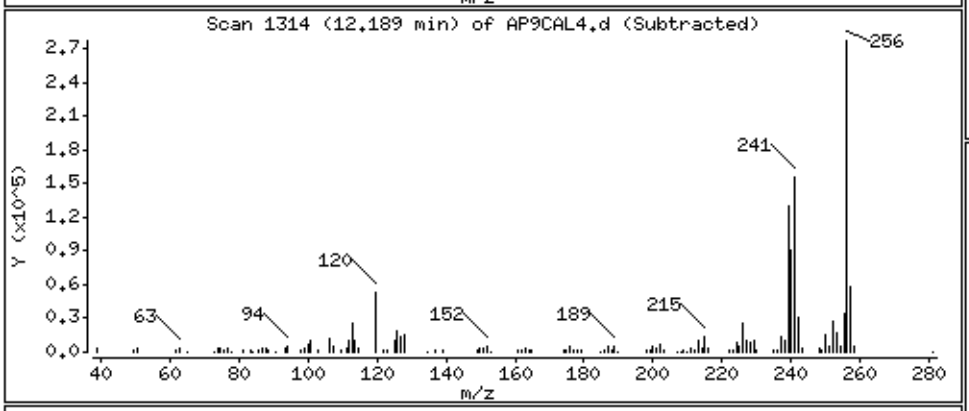
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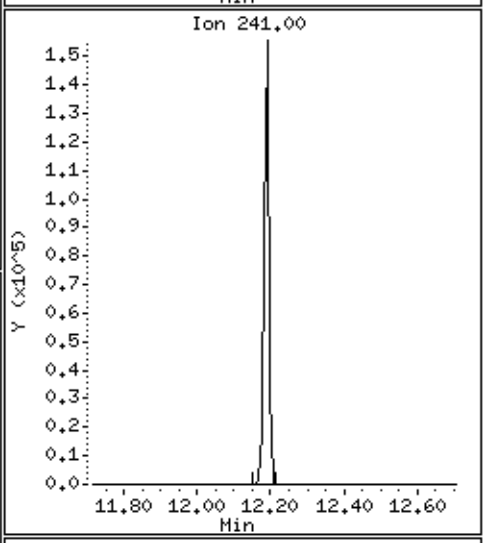
126 7,12-Dimethylbenz(a)anthracen

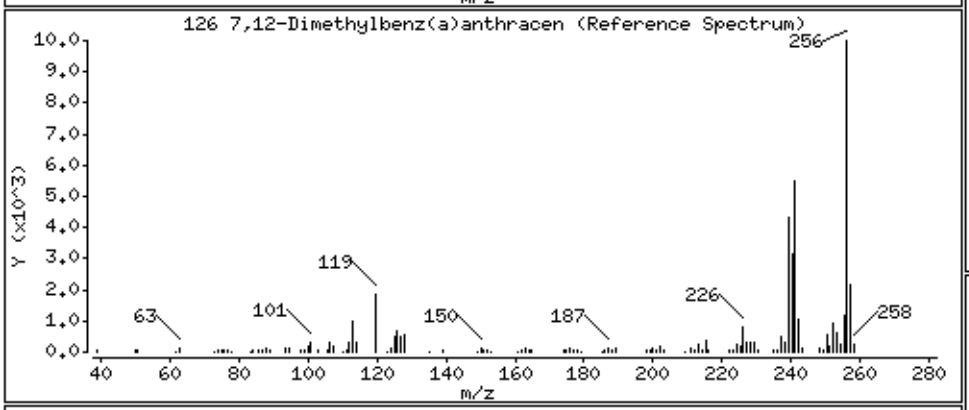
Concentration: 46.1 ug/l

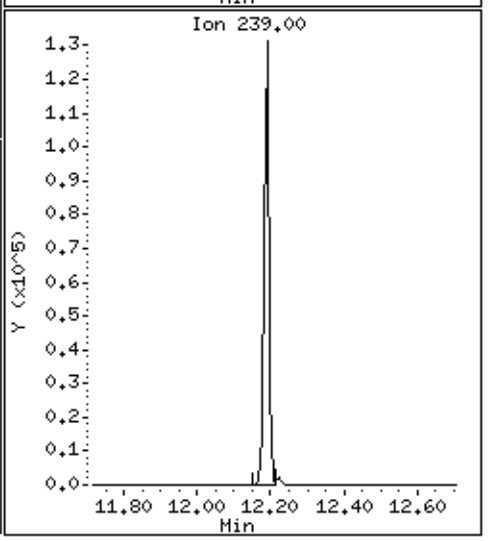


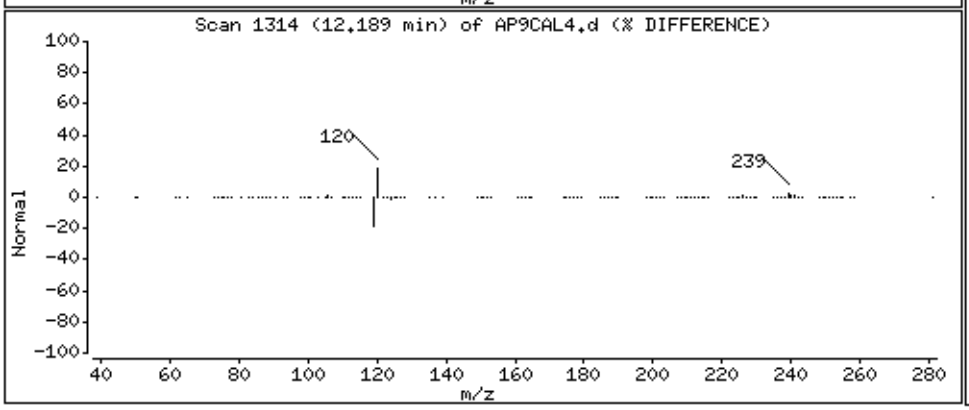












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\AP9CAL4.d

Date : 20-NOV-2012 17:14

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

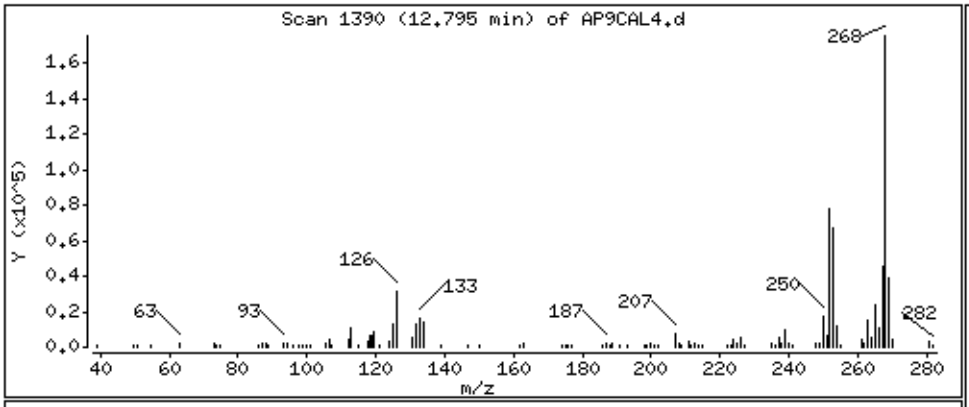
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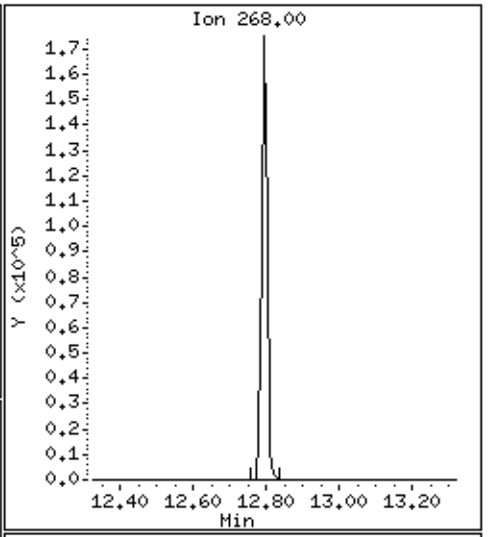
Column phase: HPMS-5

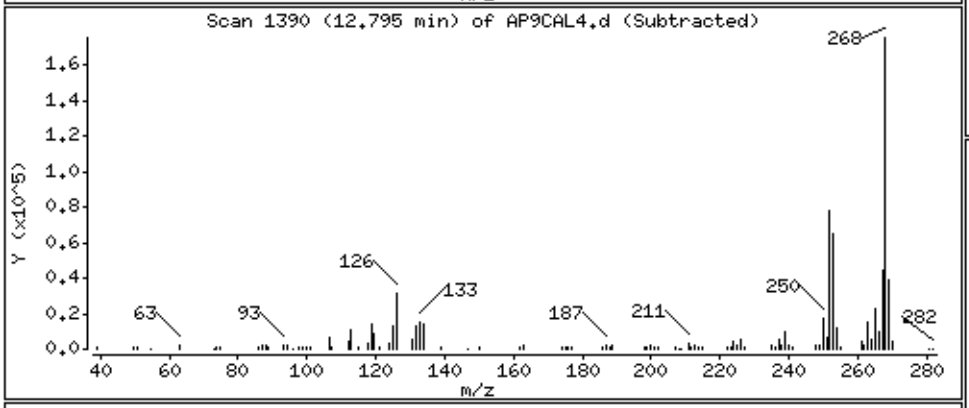
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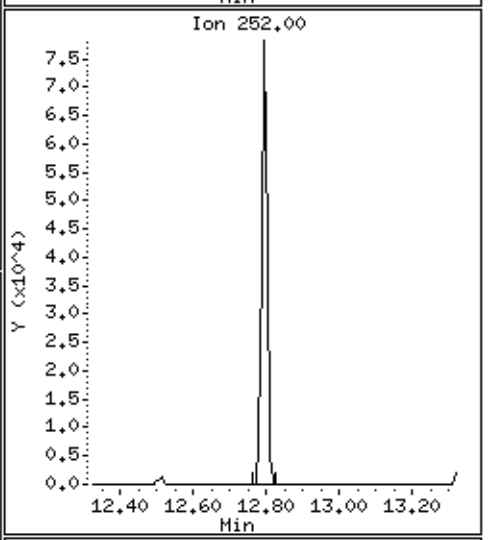
131 3-Methylcholanthrene

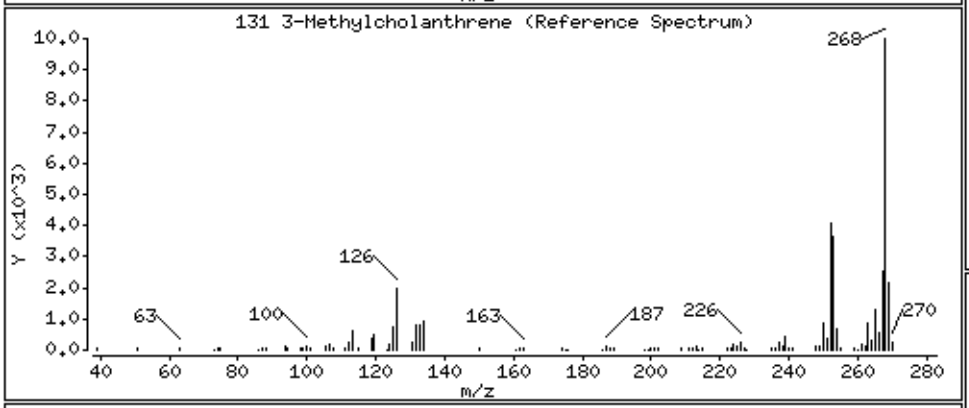
Concentration: 47.6 ug/l

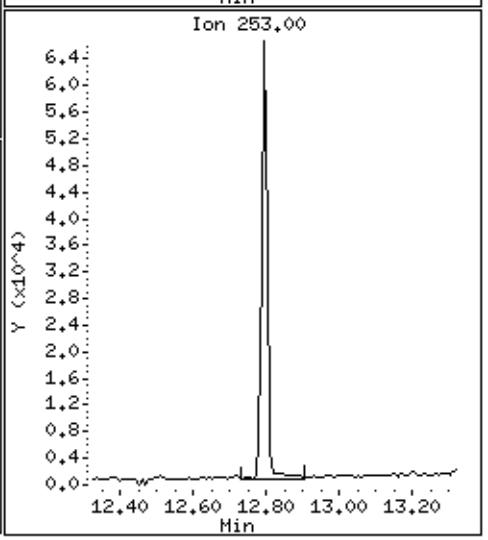


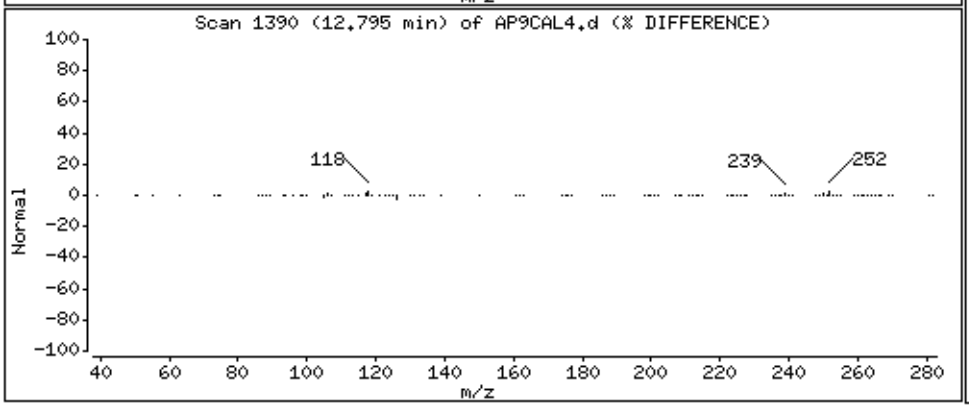












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Date : 20-NOV-2012 17:14

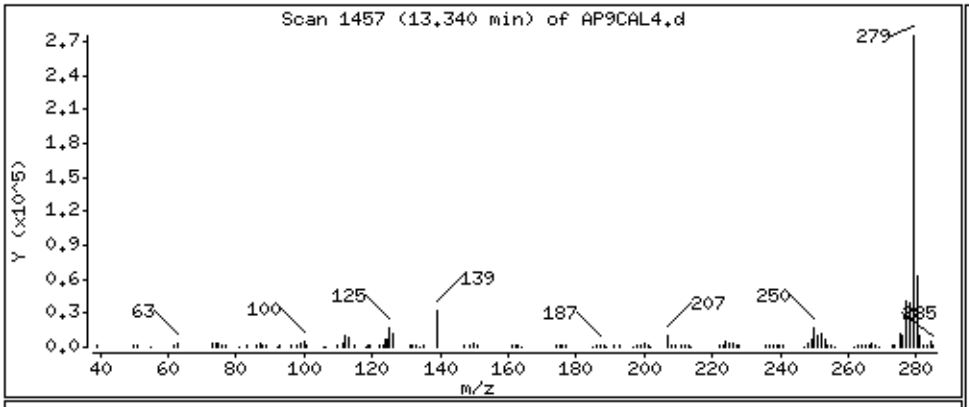
Client ID: AP9CAL4 Instrument: smsd04.i

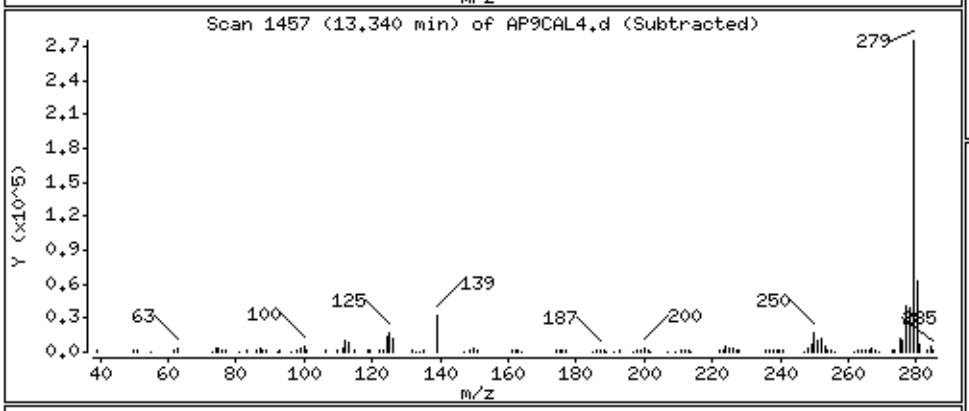
Sample Info: 47936

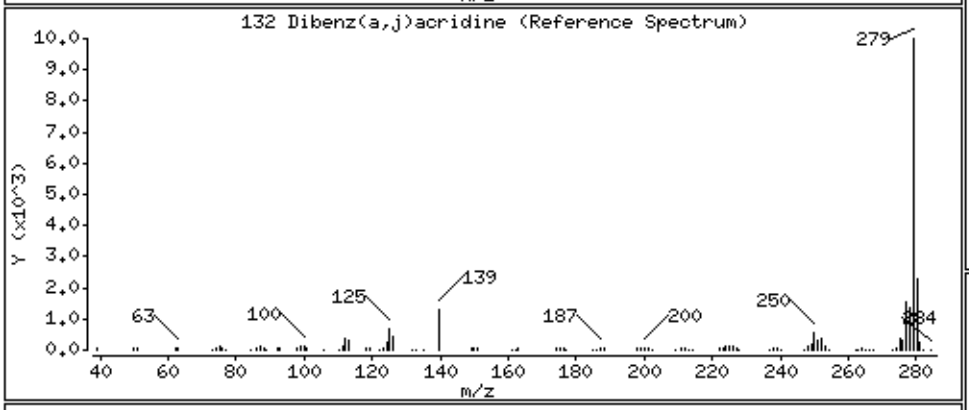
Purge Volume: 1000.0 Operator: MJ

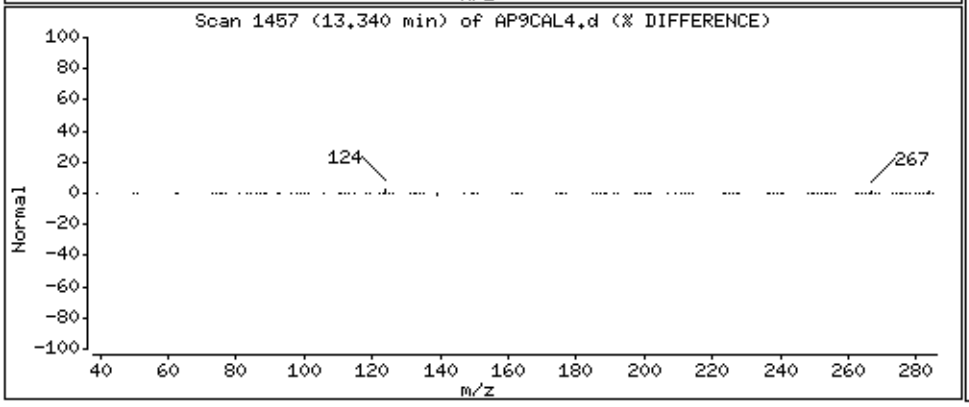
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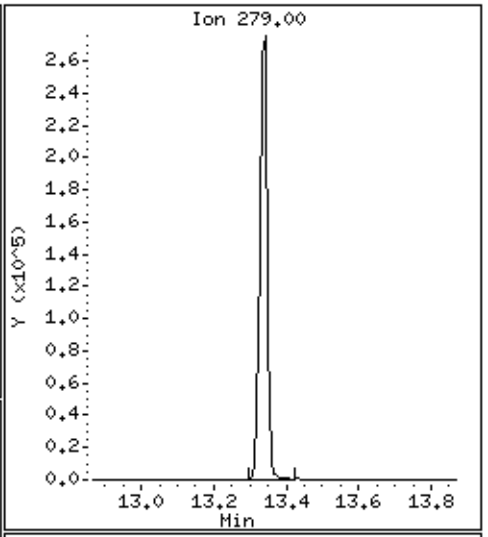
132 Dibenz(a,j)acridine Concentration: 46.0 ug/l

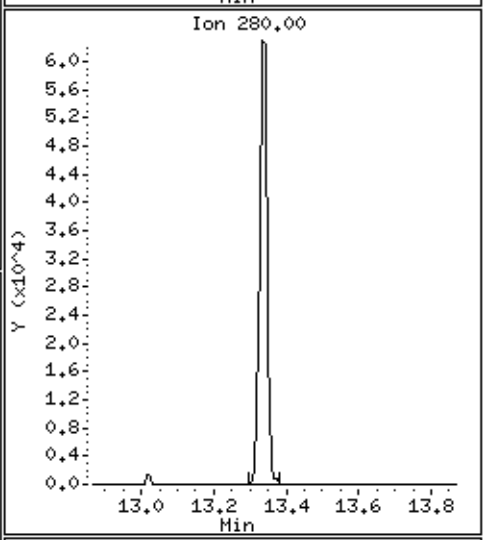


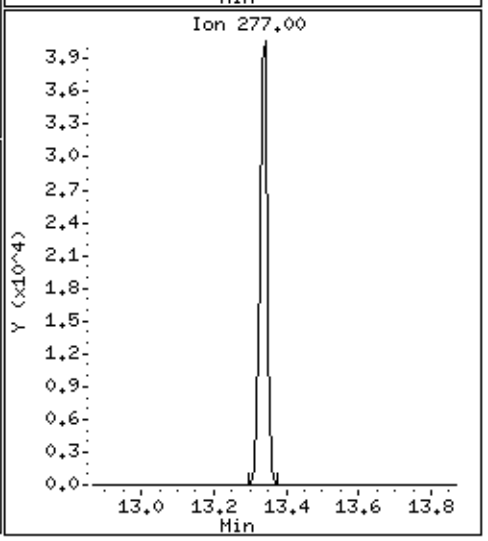












PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608MB.d
Lab Smp Id: 154210MB Client Smp ID: 154210MB
Inj Date : 20-NOV-2012 18:22 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : SW154210MB
Misc Info : SIM153989MB/11582
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112012.b\8270bcs.m
Meth Date : 27-Nov-2012 14:49 mjacobs Quant Type: ISTD
Cal Date : 15-NOV-2012 10:28 Cal File: AP9CAL4.d
Als bottle: 21 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * (1/((Ws * (1-(M/100)))/1000))*Vf * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Ws	20.220	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 6 2-Fluorophenol (SURR)						CAS #: 367-12-4		
3.234	3.247 (0.755)		112	216190	81.0375	4010	80.00- 120.00	100.00
3.233	3.247 (0.755)		64	129951			31.01- 91.01	60.11
$ 11 Phenol-d5 (SURR)						CAS #: 4165-62-2		
3.991	4.007 (0.931)		99	279600	82.7811	4090	80.00- 120.00	100.00
3.990	4.007 (0.931)		42	51435			0.00- 49.98	18.40
3.991	4.007 (0.931)		71	118301			11.59- 71.59	42.31
* 18 1,4-Dichlorobenzene-d4						CAS #: 3855-82-1		
4.284	4.297 (1.000)		152	83791	40.0000		80.00- 120.00	100.00(Q)
4.284	4.297 (1.000)		115	52787			32.81- 92.81	63.00
4.284	4.297 (1.000)		150	130334			161.37- 221.37	155.55
$ 31 Nitrobenzene-d5 (SURR)						CAS #: 4165-60-0		
4.803	4.818 (0.881)		82	137473	38.8731	1920	80.00- 120.00	100.00
4.803	4.818 (0.881)		128	51915			6.54- 66.54	37.76
4.803	4.818 (0.881)		54	66767			19.45- 79.45	48.57
* 43 Naphthalene-d8						CAS #: 1146-65-2		
5.453	5.467 (1.000)		136	282070	40.0000		80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
* 43 Naphthalene-d8 (continued)								
5.453	5.467	(1.000)	68	19813			0.00- 37.30	7.02
$ 59 2-Fluorobiphenyl (SURR)						CAS #: 321-60-8		
6.502	6.515	(0.909)	172	250682	38.3784	1900	80.00- 120.00	100.00
6.502	6.515	(0.909)	171	87512			3.57- 63.57	34.91
* 70 Acenaphthene-d10						CAS #: 15067-26-2		
7.157	7.170	(1.000)	164	182800	40.0000		80.00- 120.00	100.00
7.157	7.170	(1.000)	162	169953			64.44- 124.44	92.97
7.157	7.170	(1.000)	160	74804			11.89- 71.89	40.92
$ 88 2,4,6-Tribromophenol (SURR)						CAS #: 118-79-6		
7.932	7.945	(1.108)	330	98066	86.8255	4290	80.00- 120.00	100.00
7.932	7.945	(1.108)	332	94146			65.90- 125.90	96.00
7.931	7.945	(1.108)	141	39970			10.84- 70.84	40.76
* 100 Phenanthrene-d10						CAS #: 1517-22-2		
8.590	8.603	(1.000)	188	325306	40.0000		80.00- 120.00	100.00
8.590	8.603	(1.000)	94	32984			0.00- 40.88	10.14
8.590	8.603	(1.000)	80	36588			0.00- 41.92	11.25
$ 112 Terphenyl-d14 (SURR)						CAS #: 1718-51-0		
10.167	10.179	(0.908)	244	299486	38.0975	1880	80.00- 120.00	100.00
10.166	10.179	(0.908)	122	31272			0.00- 40.80	10.44
10.167	10.179	(0.908)	212	23162			0.00- 37.58	7.73
* 121 Chrysene-d12						CAS #: 1719-03-5		
11.199	11.213	(1.000)	240	382286	40.0000		80.00- 120.00	100.00
11.198	11.213	(1.000)	120	37512			0.00- 40.23	9.81
11.199	11.213	(1.000)	236	93129			0.00- 54.43	24.36
* 130 Perylene-d12						CAS #: 1520-96-3		
12.519	12.532	(1.000)	264	359967	40.0000		80.00- 120.00	100.00
12.519	12.532	(1.000)	260	81453			0.00- 52.28	22.63
12.519	12.532	(1.000)	265	78062			0.00- 51.45	21.69

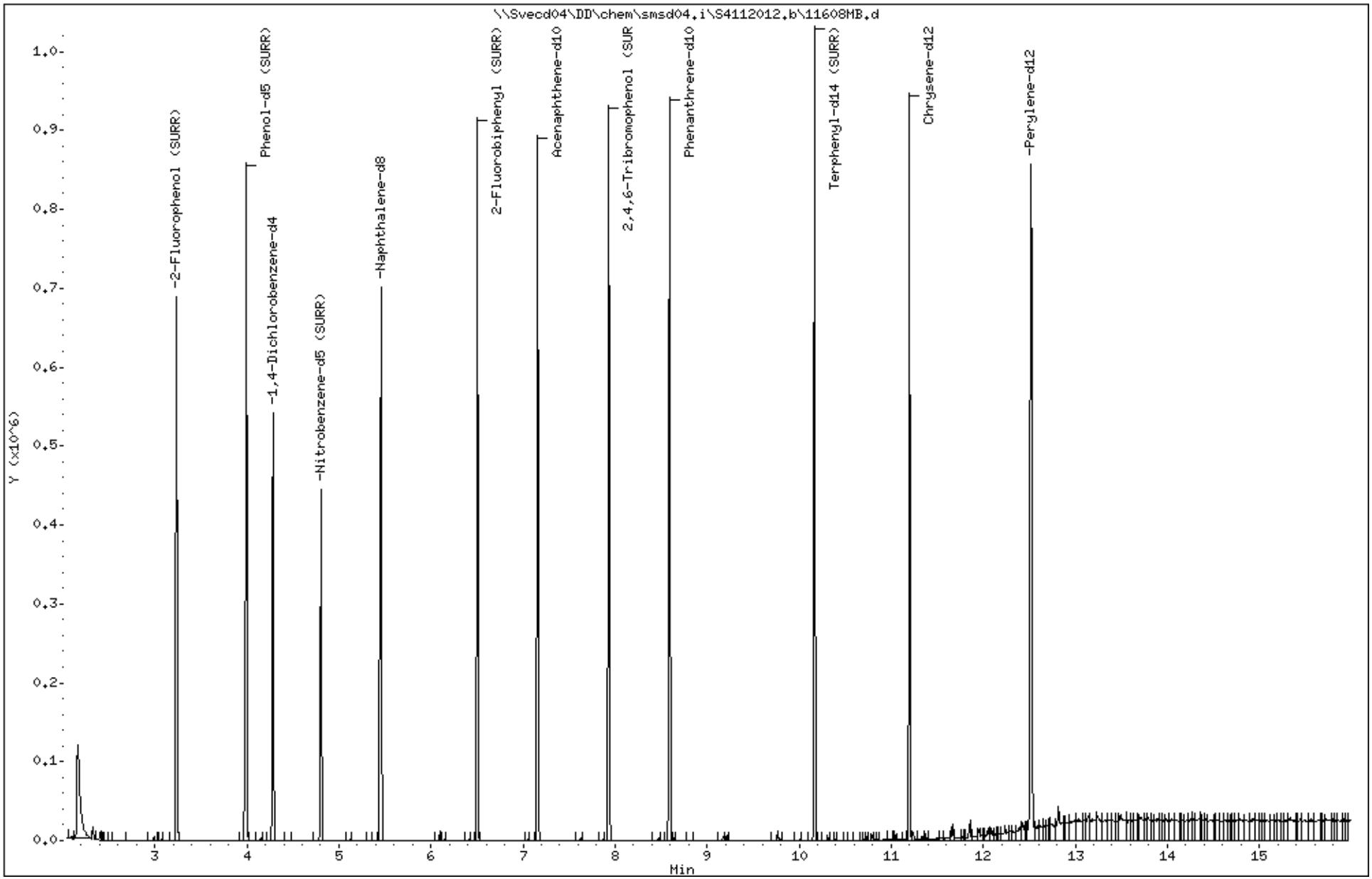
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608MB.d
Date : 20-NOV-2012 18:22
Client ID: 154210MB
Sample Info: SW154210MB

Instrument: smsd04.i
Operator: MJ
Column diameter: 0.25

Column phase: HPMS-5



1803

3507616

PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d
Lab Smp Id: 154211LCS Client Smp ID: 154211LCS
Inj Date : 20-NOV-2012 18:42 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : SW154211LCS
Misc Info :
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112012.b\8270bcs.m
Meth Date : 27-Nov-2012 14:49 mjacobs Quant Type: ISTD
Cal Date : 15-NOV-2012 10:28 Cal File: AP9CAL4.d
Als bottle: 22 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * (1/((Ws * (1-(M/100)))/1000))*Vf * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Ws	20.190	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
1 N-Nitrosodimethylamine						CAS #: 62-75-9		
2.213	2.221 (0.516)		42	50113	34.6058	1710	80.00- 120.00	100.00
2.213	2.221 (0.516)		74	62883			100.02- 160.02	125.48
2.213	2.221 (0.516)		44	2563			0.00- 34.70	5.11
2 Pyridine						CAS #: 110-86-1		
2.222	2.229 (0.519)		79	91659	28.2125	1400	80.00- 120.00	100.00
2.222	2.229 (0.519)		52	59588			35.44- 95.44	65.01
3 2- Picoline						CAS #: 109-06-8		
2.787	2.786 (0.650)		93	89356	25.7613	1280	80.00- 120.00	100.00
2.787	2.786 (0.650)		66	42785			18.85- 78.85	47.88
2.787	2.786 (0.650)		92	22675			0.00- 55.79	25.38
4 N-Nitrosomethylethylamine						CAS #: 10595-95-6		
2.887	2.892 (0.674)		88	42379	28.4698	1410	80.00- 120.00	100.00
2.886	2.892 (0.673)		43	28742			40.05- 100.05	67.82
2.887	2.892 (0.674)		42	46588			84.22- 144.22	109.93
5 Methyl Methanesulfonate						CAS #: 66-27-3		
3.133	3.139 (0.731)		80	71279	35.0128	1730	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
	5 Methyl Methanesulfonate (continued)							
3.133	3.139 (0.731)		79	46724			37.37- 97.37	65.55
3.133	3.139 (0.731)		65	19462			0.00- 58.04	27.30
$	6 2-Fluorophenol (SURR)					CAS #: 367-12-4		
3.239	3.247 (0.756)		112	237184	83.3662	4130	80.00- 120.00	100.00
3.239	3.247 (0.756)		64	145245			31.01- 91.01	61.24
	7 N-Nitrosodiethylamine					CAS #: 55-18-5		
3.438	3.445 (0.802)		102	44481	29.9749	1480	80.00- 120.00	100.00
3.438	3.445 (0.802)		42	37985			59.82- 119.82	85.40
3.439	3.445 (0.802)		57	22865			22.61- 82.61	51.40
	8 Ethyl Methanesulfonate					CAS #: 62-50-0		
3.683	3.691 (0.859)		79	90286	36.2135	1790	80.00- 120.00	100.00
3.684	3.691 (0.859)		109	51883			26.91- 86.91	57.47
3.683	3.691 (0.859)		97	19098			0.00- 49.95	21.15
	9 Benzaldehyde					CAS #: 100-52-7		
3.921	3.930 (0.915)		77	65066	23.3148	1150	80.00- 120.00	100.00(a)
3.921	3.930 (0.915)		106	53019			52.13- 112.13	81.48
3.921	3.930 (0.915)		51	30259			17.54- 77.54	46.51
	10 Aniline					CAS #: 62-53-3		
4.035	4.046 (0.941)		93	133668	32.6422	1620	80.00- 120.00	100.00
4.035	4.046 (0.941)		65	26999			0.00- 50.97	20.20
4.035	4.046 (0.941)		66	51929			12.53- 72.53	38.85
$	11 Phenol-d5 (SURR)					CAS #: 4165-62-2		
3.997	4.007 (0.933)		99	296946	82.4377	4080	80.00- 120.00	100.00
3.997	4.007 (0.933)		42	58495			0.00- 49.98	19.70
3.997	4.007 (0.933)		71	125737			11.59- 71.59	42.34
	12 Pentachloroethane					CAS #: 76-01-7		
4.040	4.048 (0.942)		167	44100	32.3983	1600	80.00- 120.00	100.00(M)
4.040	4.048 (0.942)		117	37977			54.61- 114.61	86.12
4.040	4.048 (0.942)		130	16288			8.16- 68.16	36.93
	13 Phenol					CAS #: 108-95-2		
4.007	4.016 (0.935)		94	155866	38.1110	1890	80.00- 120.00	100.00
4.007	4.016 (0.935)		65	47950			0.85- 60.85	30.76
4.006	4.016 (0.935)		66	83515			20.06- 80.06	53.58
	14 Bis(2-Chloroethyl)ether					CAS #: 111-44-4		
4.082	4.094 (0.952)		93	105392	37.2768	1850	80.00- 120.00	100.00
4.082	4.094 (0.952)		63	76651			42.88- 102.88	72.73
4.082	4.094 (0.952)		95	32567			1.40- 61.40	30.90
	15 2-Chlorophenol					CAS #: 95-57-8		
4.132	4.142 (0.964)		128	97096	35.0227	1730	80.00- 120.00	100.00
4.132	4.142 (0.964)		64	51195			25.16- 85.16	52.73
4.133	4.142 (0.964)		130	31666			3.51- 63.51	32.61

					CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
RT	EXP RT	REL RT	MASS	RESPONSE				
M 16 Cresols (Total)						CAS #: 1319-77-3		
			206047	72.8897	3610			(a)
17 1,3-Dichlorobenzene						CAS #: 541-73-1		
4.256	4.267 (0.993)		146	109969	33.1816	1640	80.00- 120.00	100.00
4.256	4.267 (0.993)		148	70093			33.32- 93.32	63.74
4.255	4.267 (0.993)		111	48501			14.03- 74.03	44.10
* 18 1,4-Dichlorobenzene-d4						CAS #: 3855-82-1		
4.286	4.297 (1.000)		152	89360	40.0000		80.00- 120.00	100.00
4.286	4.297 (1.000)		115	55160			32.81- 92.81	61.73
4.286	4.297 (1.000)		150	159588			161.37- 221.37	178.59
19 1,4-Dichlorobenzene						CAS #: 106-46-7		
4.301	4.311 (1.003)		146	113996	33.2106	1640	80.00- 120.00	100.00
4.301	4.311 (1.003)		148	69354			34.34- 94.34	60.84
4.301	4.311 (1.003)		111	50035			13.84- 73.84	43.89
20 1,2-Dichlorobenzene						CAS #: 95-50-1		
4.468	4.479 (1.042)		146	105693	33.1217	1640	80.00- 120.00	100.00
4.468	4.479 (1.042)		148	68123			33.85- 93.85	64.45
4.468	4.479 (1.042)		111	48785			16.56- 76.56	46.16
21 Benzyl alcohol						CAS #: 100-51-6		
4.419	4.429 (1.031)		108	63345	35.0157	1730	80.00- 120.00	100.00
4.419	4.429 (1.031)		79	98051			128.09- 188.09	154.79
4.419	4.429 (1.031)		77	67947			74.80- 134.80	107.26
22 2-Methylphenol						CAS #: 95-48-7		
4.534	4.539 (1.058)		107	80543	35.5940	1760	80.00- 120.00	100.00
4.534	4.539 (1.058)		108	89527			83.36- 143.36	111.15
4.534	4.539 (1.058)		79	61820			28.19- 88.19	76.75
23 2,2'-oxybis(1-chloropropane)						CAS #: 108-60-1		
4.559	4.571 (1.064)		45	122530	33.6319	1660	80.00- 120.00	100.00(Q)
4.534	4.571 (1.058)		77	68668			0.00- 47.41	56.04
4.560	4.571 (1.064)		121	33842			0.00- 56.53	27.62
24 N-Nitrosopyrrolidine						CAS #: 930-55-2		
4.666	4.671 (1.089)		100	50744	31.7741	1570	80.00- 120.00	100.00(Q)
4.667	4.671 (1.089)		41	43639			67.29- 127.29	86.00
4.688	4.671 (1.094)		42	88674			56.85- 116.85	174.75
25 Acetophenone						CAS #: 98-86-2		
4.667	4.675 (0.856)		105	278098	63.6498	3150	80.00- 120.00	100.00
4.666	4.675 (0.855)		77	293180			60.51- 120.51	105.42
4.666	4.675 (0.855)		51	99418			1.60- 61.60	35.75
26 N-Nitrosodinpropylamine						CAS #: 621-64-7		
4.691	4.699 (1.094)		70	87389	36.5136	1810	80.00- 120.00	100.00(QM)
4.688	4.699 (1.094)		42	88673			21.02- 81.02	101.47
4.690	4.699 (1.094)		130	19501			0.00- 50.80	22.32

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 N-Nitrosomorpholine						CAS #: 59-89-2		
4.678	4.684 (1.091)		56	65644	32.3817	1600	80.00- 120.00	100.00
4.677	4.684 (1.091)		116	20447			2.11- 62.11	31.15
4.677	4.684 (1.091)		86	31446			18.75- 78.75	47.90
28 4-Methylphenol						CAS #: 106-44-5		
4.659	4.668 (1.087)		107	125504	37.2958	1850	80.00- 120.00	100.00
4.659	4.668 (1.087)		108	103387			53.38- 113.38	82.38
4.659	4.668 (1.087)		79	33689			0.00- 57.00	26.84
29 o-Toluidine						CAS #: 95-53-4		
4.707	4.715 (1.098)		106	129405	27.6449	1370	80.00- 120.00	100.00
4.707	4.715 (1.098)		77	29021			0.00- 51.90	22.43
4.707	4.715 (1.098)		107	99074			44.38- 104.38	76.56
30 Hexachloroethane						CAS #: 67-72-1		
4.742	4.754 (1.106)		117	47186	32.5545	1610	80.00- 120.00	100.00
4.743	4.754 (1.107)		201	45127			64.30- 124.30	95.64
4.743	4.754 (1.107)		199	27715			28.93- 88.93	58.74
$ 31 Nitrobenzene-d5 (SURR)						CAS #: 4165-60-0		
4.808	4.818 (0.882)		82	146156	40.1023	1990	80.00- 120.00	100.00
4.808	4.818 (0.882)		128	53681			6.54- 66.54	36.73
4.808	4.818 (0.882)		54	69875			19.45- 79.45	47.81
32 Nitrobenzene						CAS #: 98-95-3		
4.825	4.835 (0.885)		77	123003	33.6860	1670	80.00- 120.00	100.00
4.825	4.835 (0.885)		123	45984			7.04- 67.04	37.38
4.825	4.835 (0.885)		65	17453			0.00- 44.13	14.19
33 N-Nitrosopiperidine						CAS #: 100-75-4		
4.959	4.967 (0.909)		114	44250	32.8507	1630	80.00- 120.00	100.00
4.959	4.967 (0.909)		42	62022			123.47- 183.47	140.16
4.959	4.967 (0.909)		55	32749			53.49- 113.49	74.01
34 Isophorone						CAS #: 78-59-1		
5.033	5.047 (0.923)		82	196903	32.1762	1590	80.00- 120.00	100.00
5.033	5.047 (0.923)		138	31540			0.00- 45.62	16.02
5.033	5.047 (0.923)		95	16349			0.00- 37.92	8.30
35 2-Nitrophenol						CAS #: 88-75-5		
5.116	5.128 (0.938)		139	54665	37.0834	1840	80.00- 120.00	100.00
5.116	5.128 (0.938)		65	34481			34.24- 94.24	63.08
5.116	5.128 (0.938)		109	22221			11.16- 71.16	40.65
36 2,4-Dimethylphenol						CAS #: 105-67-9		
5.147	5.158 (0.944)		122	89162	41.3880	2050	80.00- 120.00	100.00
5.146	5.158 (0.944)		107	118473			101.54- 161.54	132.87
5.146	5.158 (0.944)		121	52094			28.65- 88.65	58.43
37 o,o,o-Triethylphosphorothioate						CAS #: 126-68-1		
5.255	5.263 (1.226)		198	51417	29.9613	1480	80.00- 120.00	100.00(Q)
5.254	5.263 (1.226)		97	43399			54.13- 114.13	84.41

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
37 o,o,o-Triethylphosphorothioate (continued)								
5.251	5.263 (1.225)		65	65268			38.00- 98.00	126.94
38 Bis(2-Chloroethoxy)methane						CAS #: 111-91-1		
5.240	5.252 (0.961)		93	170321	47.6766	2360	80.00- 120.00	100.00(R)
5.240	5.252 (0.961)		95	43561			1.91- 61.91	25.58
5.240	5.252 (0.961)		123	16792			0.00- 43.90	9.86
39 a,a-Dimethylphenethylamine						CAS #: 122-09-8		
5.446	5.375 (0.998)		58	149585	21.1430	1050	80.00- 120.00	100.00(QM)
5.541	5.375 (1.016)		91	49765			0.00- 50.20	33.27
5.541	5.375 (1.016)		65	124804			0.00- 36.52	83.43
40 Benzoic Acid						CAS #: 65-85-0		
5.235	5.263 (0.960)		122	32068	22.8204	1130	80.00- 120.00	100.00
5.234	5.263 (0.960)		105	41668			111.24- 171.24	129.94
5.235	5.263 (0.960)		77	36186			91.47- 151.47	112.84
41 2,4-Dichlorophenol						CAS #: 120-83-2		
5.332	5.342 (0.978)		162	93318	37.0979	1840	80.00- 120.00	100.00
5.332	5.342 (0.978)		164	58527			32.98- 92.98	62.72
5.332	5.342 (0.977)		98	34840			7.67- 67.67	37.33
42 1,2,4-Trichlorobenzene						CAS #: 120-82-1		
5.415	5.427 (0.993)		180	99105	34.9835	1730	80.00- 120.00	100.00
5.415	5.427 (0.993)		182	94348			65.85- 125.85	95.20
5.414	5.427 (0.993)		145	28876			0.00- 59.12	29.14
* 43 Naphthalene-d8						CAS #: 1146-65-2		
5.454	5.467 (1.000)		136	290694	40.0000		80.00- 120.00	100.00
5.454	5.467 (1.000)		68	21393			0.00- 37.30	7.36
44 Naphthalene						CAS #: 91-20-3		
5.473	5.486 (1.003)		128	278330	36.2408	1790	80.00- 120.00	100.00
5.473	5.486 (1.003)		129	30729			0.00- 40.96	11.04
5.473	5.486 (1.003)		127	36219			0.00- 42.78	13.01
45 4-Chloroaniline						CAS #: 106-47-8		
5.541	5.552 (1.016)		127	111697	35.5256	1760	80.00- 120.00	100.00
5.541	5.552 (1.016)		129	36272			1.49- 61.49	32.47
5.541	5.552 (1.016)		65	41430			6.97- 66.97	37.09
46 2,6-Dichlorophenol						CAS #: 87-65-0		
5.549	5.559 (1.017)		162	80960	34.0642	1690	80.00- 120.00	100.00
5.548	5.559 (1.017)		63	71404			41.54- 101.54	88.20
5.549	5.559 (1.017)		98	22470			0.00- 57.68	27.75
47 Hexachloropropene						CAS #: 1888-71-7		
5.587	5.597 (1.024)		213	83371	36.5441	1810	80.00- 120.00	100.00
5.588	5.597 (1.024)		215	53429			34.38- 94.38	64.09
5.587	5.597 (1.024)		117	20993			0.00- 55.68	25.18
48 Hexachlorobutadiene						CAS #: 87-68-3		
5.644	5.654 (1.035)		225	75722	37.2642	1840	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
	48 Hexachlorobutadiene (continued)							
5.643	5.654	(1.035)	223	47794			31.59- 91.59	63.12
5.644	5.654	(1.035)	227	48808			33.71- 93.71	64.46
	49 N-Nitrosodi-n-butylamine					CAS #: 924-16-3		
5.880	5.890	(1.078)	84	86337	36.8521	1820	80.00- 120.00	100.00
5.879	5.890	(1.078)	57	54611			42.68- 102.68	63.25
5.879	5.890	(1.078)	41	59807			32.37- 92.37	69.27
	50 Caprolactam					CAS #: 105-60-2		
5.860	5.836	(1.074)	55	42145	35.4711	1760	80.00- 120.00	100.00(a)
5.860	5.836	(1.074)	113	25214			40.21- 100.21	59.83
5.860	5.836	(1.074)	85	23550			19.92- 79.92	55.88
	51 4-Chloro-3-methylphenol					CAS #: 59-50-7		
6.002	6.009	(1.100)	107	99637	36.8771	1830	80.00- 120.00	100.00
6.002	6.009	(1.100)	144	24626			0.00- 53.75	24.72
6.002	6.009	(1.100)	142	74276			40.75- 100.75	74.55
	52 Isosafrole					CAS #: 120-58-1		
6.050	6.066	(1.109)	162	79863	36.8181	1820	80.00- 120.00	100.00(M)
6.050	6.066	(1.109)	104	54709			42.25- 102.25	68.50
6.050	6.066	(1.109)	131	39729			19.87- 79.87	49.75
	53 2-Methylnaphthalene					CAS #: 91-57-6		
6.130	6.141	(1.124)	142	184460	35.6608	1770	80.00- 120.00	100.00
6.130	6.141	(1.124)	141	157837			56.12- 116.12	85.57
	54 1-Methylnaphthalene					CAS #: 90-12-0		
6.234	6.247	(1.143)	142	163175	34.2693	1700	80.00- 120.00	100.00
6.234	6.247	(1.143)	141	145727			59.98- 119.98	89.31
	55 Hexachlorocyclopentadiene					CAS #: 77-47-4		
6.348	6.360	(0.887)	237	53734	28.4662	1410	80.00- 120.00	100.00
6.348	6.360	(0.887)	235	34493			33.35- 93.35	64.19
6.349	6.360	(0.887)	272	6784			0.00- 42.65	12.63
	56 1,2,4,5-Tetrachlorobenzene					CAS #: 95-94-3		
6.329	6.340	(0.884)	216	99108	32.1130	1590	80.00- 120.00	100.00
6.329	6.340	(0.884)	214	77337			49.18- 109.18	78.03
6.328	6.340	(0.884)	108	21549			0.00- 50.98	21.74
	57 2,4,6-Trichlorophenol					CAS #: 88-06-2		
6.427	6.438	(0.898)	196	72899	37.1976	1840	80.00- 120.00	100.00
6.427	6.438	(0.898)	198	69949			68.00- 128.00	95.95
6.428	6.438	(0.898)	200	22392			0.40- 60.40	30.72
	58 2,4,5-Trichlorophenol					CAS #: 95-95-4		
6.464	6.472	(0.903)	196	81860	38.5966	1910	80.00- 120.00	100.00
6.464	6.472	(0.903)	198	76080			64.76- 124.76	92.94
6.464	6.472	(0.903)	97	45402			28.28- 88.28	55.46
	$ 59 2-Fluorobiphenyl (SURR)					CAS #: 321-60-8		
6.503	6.515	(0.909)	172	269006	40.3814	2000	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 59 2-Fluorobiphenyl (SURR) (continued)								
6.503	6.515	(0.909)	171	93008			3.57- 63.57	34.57
60 Safrole						CAS #: 94-59-7		
6.549	6.558	(1.201)	162	81931	43.1424	2140	80.00- 120.00	100.00
6.549	6.558	(1.201)	104	51359			32.30- 92.30	62.69
6.548	6.558	(1.201)	77	29633			6.02- 66.02	36.17
61 1,1-Biphenyl						CAS #: 92-52-4		
6.588	6.598	(0.920)	154	214979	31.0036	1540	80.00- 120.00	100.00(a)
6.588	6.598	(0.921)	76	40172			0.00- 46.03	18.69
6.590	6.598	(0.921)	51	25215			0.00- 37.80	11.73
62 2-Chloronaphthalene						CAS #: 91-58-7		
6.598	6.611	(0.922)	162	196743	35.7399	1770	80.00- 120.00	100.00
6.598	6.611	(0.922)	164	64292			1.91- 61.91	32.68
6.597	6.611	(0.922)	127	85993			8.19- 68.19	43.71
63 2-Nitroaniline						CAS #: 88-74-4		
6.728	6.740	(0.940)	65	69625	36.3474	1800	80.00- 120.00	100.00
6.728	6.740	(0.940)	92	46376			33.95- 93.95	66.61
6.729	6.740	(0.940)	138	64153			59.17- 119.17	92.14
64 1,4-Naphthoquinone						CAS #: 130-15-4		
6.773	6.782	(0.946)	158	37602	19.3900	960	80.00- 120.00	100.00
6.772	6.782	(0.946)	102	32350			56.55- 116.55	86.03
6.773	6.782	(0.946)	130	17808			19.11- 79.11	47.36
65 Dimethylphthalate						CAS #: 131-11-3		
6.938	6.949	(0.969)	163	246695	37.9310	1880	80.00- 120.00	100.00
6.938	6.949	(0.969)	194	15078			0.00- 35.78	6.11
6.938	6.949	(0.969)	164	23759			0.00- 40.21	9.63
66 1,3-Dinitrobenzene						CAS #: 99-65-0		
6.951	6.959	(0.971)	168	34587	35.4580	1760	80.00- 120.00	100.00(Q)
6.950	6.959	(0.971)	75	51687			91.84- 151.84	149.44
6.945	6.959	(0.970)	50	53294			68.52- 128.52	154.09
67 2,6-Dinitrotoluene						CAS #: 606-20-2		
7.001	7.015	(0.978)	165	56227	38.0736	1880	80.00- 120.00	100.00
7.001	7.015	(0.978)	89	37296			39.67- 99.67	66.33
7.003	7.015	(0.978)	63	57315			74.50- 134.50	101.94
68 Acenaphthylene						CAS #: 208-96-8		
7.008	7.020	(0.979)	152	318345	36.9527	1830	80.00- 120.00	100.00
7.008	7.020	(0.979)	151	63206			0.00- 50.02	19.85
7.007	7.020	(0.979)	153	41649			0.00- 42.99	13.08
69 3-Nitroaniline						CAS #: 99-09-2		
7.133	7.145	(0.997)	138	53640	38.3755	1900	80.00- 120.00	100.00
7.132	7.145	(0.997)	108	6612			0.00- 42.08	12.33
7.133	7.145	(0.997)	92	69745			105.51- 165.51	130.02

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
* 70 Acenaphthene-d10						CAS #: 15067-26-2		
7.157	7.170	(1.000)	164	186432	40.0000		80.00- 120.00	100.00
7.158	7.170	(1.000)	162	173988			64.44- 124.44	93.33
7.157	7.170	(1.000)	160	77603			11.89- 71.89	41.63
71 Acenaphthene						CAS #: 83-32-9		
7.188	7.201	(1.004)	154	177927	35.8132	1770	80.00- 120.00	100.00
7.188	7.201	(1.004)	153	190993			76.44- 136.44	107.34
7.188	7.201	(1.004)	152	92291			20.57- 80.57	51.87
72 2,4-Dinitrophenol						CAS #: 51-28-5		
7.234	7.242	(1.011)	184	76287	79.7318	3950	80.00- 120.00	100.00
7.233	7.242	(1.011)	63	54712			46.77- 106.77	71.72
7.234	7.242	(1.011)	154	46548			34.25- 94.25	61.02
73 Pentachlorobenzene						CAS #: 608-93-5		
7.365	7.376	(1.029)	250	89256	31.3975	1560	80.00- 120.00	100.00
7.365	7.376	(1.029)	252	57147			34.86- 94.86	64.03
7.365	7.376	(1.029)	108	27281			0.00- 59.93	30.56
74 4-Nitrophenol						CAS #: 100-02-7		
7.297	7.303	(1.020)	109	47276	40.3035	2000	80.00- 120.00	100.00
7.297	7.303	(1.020)	139	43724			68.18- 128.18	92.49
7.297	7.303	(1.019)	65	52802			86.07- 146.07	111.69
75 Dibenzofuran						CAS #: 132-64-9		
7.342	7.354	(1.026)	168	282263	37.0651	1840	80.00- 120.00	100.00
7.342	7.354	(1.026)	139	113027			10.66- 70.66	40.04
76 2,4-Dinitrotoluene						CAS #: 121-14-2		
7.382	7.392	(1.031)	165	73296	39.1720	1940	80.00- 120.00	100.00
7.381	7.392	(1.031)	63	37929			23.04- 83.04	51.75
7.381	7.392	(1.031)	89	61030			53.09- 113.09	83.27
77 1-Naphthylamine						CAS #: 134-32-7		
7.424	7.433	(1.037)	143	82624	16.1626	800	80.00- 120.00	100.00
7.424	7.433	(1.037)	115	43754			24.25- 84.25	52.96
7.424	7.433	(1.037)	89	7711			0.00- 40.79	9.33
78 2,3,4,6-Tetrachlorophenol						CAS #: 58-90-2		
7.505	7.514	(1.049)	232	64326	40.2741	1990	80.00- 120.00	100.00
7.505	7.514	(1.049)	168	18341			0.00- 58.61	28.51
7.505	7.514	(1.049)	131	29161			18.06- 78.06	45.33
79 2-Naphthylamine						CAS #: 91-59-8		
7.496	7.505	(1.047)	143	148243	25.7647	1280	80.00- 120.00	100.00
7.496	7.505	(1.047)	115	79963			24.63- 84.63	53.94
7.496	7.505	(1.047)	116	34298			0.00- 52.80	23.14
80 Diethylphthalate						CAS #: 84-66-2		
7.627	7.640	(1.066)	149	242120	37.8891	1880	80.00- 120.00	100.00
7.627	7.640	(1.066)	177	51980			0.00- 51.89	21.47
7.627	7.640	(1.066)	150	29267			0.00- 42.18	12.09

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
81 Fluorene						CAS #: 86-73-7		
7.677	7.690 (1.073)		166	243092	36.2724	1800	80.00- 120.00	100.00
7.677	7.690 (1.073)		165	226918			64.28- 124.28	93.35
7.677	7.690 (1.073)		167	34054			0.00- 43.68	14.01
82 4-Chlorophenyl-phenylether						CAS #: 7005-72-3		
7.677	7.690 (1.073)		204	126545	35.9497	1780	80.00- 120.00	100.00
7.677	7.690 (1.073)		206	42001			2.35- 62.35	33.19
7.677	7.690 (1.073)		141	76717			31.15- 91.15	60.62
83 5-Nitro-ortho-toluidine						CAS #: 99-55-8		
7.721	7.731 (1.079)		152	55673	32.5042	1610	80.00- 120.00	100.00
7.721	7.731 (1.079)		106	42444			49.62- 109.62	76.24
7.721	7.731 (1.079)		77	64381			86.78- 146.78	115.64
84 4-Nitroaniline						CAS #: 100-01-6		
7.736	7.747 (1.081)		138	52547	41.3948	2050	80.00- 120.00	100.00
7.735	7.747 (1.081)		92	31354			28.45- 88.45	59.67
7.736	7.747 (1.081)		108	59657			87.80- 147.80	113.53
85 4,6-Dinitro-2-methylphenol						CAS #: 534-52-1		
7.776	7.789 (0.905)		198	49800	39.5227	1960	80.00- 120.00	100.00
7.776	7.789 (0.905)		51	22415			22.13- 82.13	45.01
7.776	7.789 (0.905)		105	22120			13.62- 73.62	44.42
86 N-Nitrosodiphenylamine						CAS #: 86-30-6		
7.801	7.813 (0.908)		169	167538	39.5588	1960	80.00- 120.00	100.00
7.801	7.813 (0.908)		168	117345			39.77- 99.77	70.04
7.801	7.813 (0.908)		167	57947			4.69- 64.69	34.59
87 1,2-Diphenylhydrazine						CAS #: 122-66-7		
7.831	7.845 (1.094)		77	273672	37.2919	1850	80.00- 120.00	100.00
7.832	7.845 (1.094)		105	38604			0.00- 43.78	14.11
7.832	7.845 (1.094)		182	66543			0.00- 53.70	24.31
$ 88 2,4,6-Tribromophenol (SURR)						CAS #: 118-79-6		
7.934	7.945 (1.108)		330	102573	89.0466	4410	80.00- 120.00	100.00
7.934	7.945 (1.108)		332	102078			65.90- 125.90	99.52
7.932	7.945 (1.108)		141	42741			10.84- 70.84	41.67
89 Diallate						CAS #: 2303-16-4		
8.117	8.132 (1.134)		86	107507	34.2786	1700	80.00- 120.00	100.00(M)
8.117	8.132 (1.134)		43	122569			64.61- 124.61	114.01
8.117	8.132 (1.134)		234	49619			1.00- 61.00	46.15
90 1,3,5-Trinitrobenzene						CAS #: 99-35-4		
8.109	8.109 (1.133)		75	66935	17.8192	882	80.00- 120.00	100.00(R)
8.109	8.109 (1.133)		74	39890			29.31- 89.31	59.60
8.110	8.109 (1.133)		213	25882			6.52- 66.52	38.67
91 p-Phenylenediamine						CAS #: 106-50-3		
8.139	8.150 (0.947)		108	117440	33.9449	1680	80.00- 120.00	100.00
8.139	8.150 (0.947)		80	25104			0.00- 51.04	21.38

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
91 p-Phenylenediamine (continued)								
8.139	8.150	(0.947)	53	16979			0.00- 43.69	14.46
92 Phenacetin						CAS #: 62-44-2		
8.139	8.150	(0.947)	109	116659	32.9095	1630	80.00- 120.00	100.00
8.139	8.150	(0.947)	108	117440			70.78- 130.78	100.67
8.139	8.150	(0.947)	179	62839			22.17- 82.17	53.87
93 4-Bromophenylphenylether						CAS #: 101-55-3		
8.151	8.163	(0.949)	248	79427	38.9188	1930	80.00- 120.00	100.00
8.151	8.163	(0.949)	250	78177			66.19- 126.19	98.43
8.151	8.163	(0.949)	141	61716			47.90- 107.90	77.70
94 Hexachlorobenzene						CAS #: 118-74-1		
8.294	8.307	(0.965)	284	84334	36.6813	1820	80.00- 120.00	100.00
8.293	8.307	(0.965)	142	32559			8.18- 68.18	38.61
8.294	8.307	(0.965)	249	26989			0.00- 59.97	32.00
95 Atrazine						CAS #: 1912-24-9		
8.355	8.365	(0.973)	200	60697	33.4989	1660	80.00- 120.00	100.00(a)
8.354	8.365	(0.972)	58	25948			14.20- 74.20	42.75
8.355	8.365	(0.973)	215	31796			20.34- 80.34	52.38
96 Pentachlorophenol						CAS #: 87-86-5		
8.471	8.480	(0.986)	266	60215	40.8143	2020	80.00- 120.00	100.00
8.471	8.480	(0.986)	264	38868			33.17- 93.17	64.55
8.471	8.480	(0.986)	268	38443			33.83- 93.83	63.84
97 Pentachloronitrobenzene						CAS #: 82-68-8		
8.549	8.560	(0.995)	237	38260	36.3011	1800	80.00- 120.00	100.00
8.549	8.560	(0.995)	295	13366			6.13- 66.13	34.93
8.548	8.560	(0.995)	142	23872			37.48- 97.48	62.39
98 4-Aminobiphenyl						CAS #: 92-67-1		
8.413	8.425	(0.979)	169	208640	31.7960	1570	80.00- 120.00	100.00
8.413	8.425	(0.979)	168	43966			0.00- 51.69	21.07
8.413	8.425	(0.979)	115	22908			0.00- 41.29	10.98
99 Pronamide						CAS #: 23950-58-5		
8.510	8.523	(0.991)	173	109129	34.7947	1720	80.00- 120.00	100.00
8.510	8.523	(0.991)	175	72991			37.21- 97.21	66.89
8.510	8.523	(0.991)	145	38742			6.07- 66.07	35.50
* 100 Phenanthrene-d10						CAS #: 1517-22-2		
8.591	8.603	(1.000)	188	328976	40.0000		80.00- 120.00	100.00
8.591	8.603	(1.000)	94	33633			0.00- 40.88	10.22
8.591	8.603	(1.000)	80	37209			0.00- 41.92	11.31
101 Phenanthrene						CAS #: 85-01-8		
8.613	8.626	(1.003)	178	341350	37.8526	1870	80.00- 120.00	100.00
8.613	8.626	(1.003)	179	52482			0.00- 45.20	15.37
8.613	8.626	(1.003)	176	64563			0.00- 49.13	18.91

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
102 Dinoseb						CAS #: 88-85-7		
8.655	8.663	(1.007)	211	62338	35.9220	1780	80.00- 120.00	100.00(M)
8.655	8.663	(1.007)	163	28591			16.26- 76.26	45.86
8.655	8.663	(1.007)	117	16612			0.00- 57.53	26.65
103 Anthracene						CAS #: 120-12-7		
8.656	8.669	(1.008)	178	347068	43.2394	2140	80.00- 120.00	100.00(R)
8.656	8.669	(1.008)	179	52336			0.00- 45.33	15.08
8.656	8.669	(1.008)	176	64952			0.00- 48.26	18.71
104 Carbazole						CAS #: 86-74-8		
8.817	8.829	(1.026)	167	309185	38.8512	1920	80.00- 120.00	100.00
8.817	8.829	(1.026)	139	41175			0.00- 43.51	13.32
8.817	8.829	(1.026)	83	28448			0.00- 39.22	9.20
105 Di-n-butylphthalate						CAS #: 84-74-2		
9.214	9.226	(1.073)	149	428946	39.9137	1980	80.00- 120.00	100.00
9.214	9.226	(1.072)	150	39836			0.00- 38.85	9.29
9.213	9.226	(1.072)	104	26968			0.00- 36.43	6.29
106 4-Nitroquinoline-1-oxide						CAS #: 56-57-5		
9.391	9.398	(1.093)	174	4465	38.3095	1900	80.00- 120.00	100.00(M)
9.391	9.398	(1.093)	128	7944			143.92- 203.92	177.92
9.391	9.398	(1.093)	101	13108			256.01- 316.01	293.57
107 Methapyrilene						CAS #: 91-80-5		
9.492	9.510	(1.105)	97	940	4.52961	224	80.00- 120.00	100.00(QM)
9.492	9.510	(1.105)	58	1629			97.04- 157.04	173.30
9.510	9.510	(1.107)	191	0	0.00	0.00	0.00- 44.49	0.00
108 Isodrin						CAS #: 465-73-6		
9.654	9.669	(1.124)	193	42465	36.1548	1790	80.00- 120.00	100.00
9.653	9.669	(1.124)	66	32320			53.06- 113.06	76.11
9.655	9.669	(1.124)	195	37533			59.05- 119.05	88.39
109 Fluoranthene						CAS #: 206-44-0		
9.782	9.795	(1.139)	202	386493	39.1218	1940	80.00- 120.00	100.00
9.782	9.795	(1.139)	101	44369			0.00- 41.63	11.48
9.782	9.795	(1.139)	203	65970			0.00- 46.75	17.07
110 Benzidine						CAS #: 92-87-5		
9.911	9.928	(0.885)	184	98415	14.3870	712	80.00- 120.00	100.00
9.911	9.928	(0.885)	92	7194			0.00- 38.66	7.31
9.911	9.928	(0.885)	185	13196			0.00- 43.92	13.41
111 Pyrene						CAS #: 129-00-0		
10.000	10.016	(0.893)	202	402233	38.5484	1910	80.00- 120.00	100.00
10.000	10.016	(0.893)	200	83872			0.00- 50.49	20.85
10.000	10.016	(0.893)	203	72875			0.00- 47.75	18.12
$ 112 Terphenyl-d14 (SURR)						CAS #: 1718-51-0		
10.164	10.179	(0.908)	244	320966	39.5877	1960	80.00- 120.00	100.00
10.163	10.179	(0.908)	122	33443			0.00- 40.80	10.42

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 112 Terphenyl-d14 (SURR) (continued)								
10.164	10.179	(0.908)	212	26182			0.00- 37.58	8.16
113 Aramite						CAS #: 140-57-8		
10.166	10.261	(0.908)	185	39740	25.4704	1260	80.00- 120.00	100.00(M)
10.166	10.261	(0.908)	191	19202			18.05- 78.05	48.32
10.166	10.261	(0.908)	319	10020			0.00- 55.81	25.21
114 p-Dimethylamino azobenzene						CAS #: 60-11-7		
10.317	10.334	(0.922)	225	84165	33.0985	1640	80.00- 120.00	100.00
10.317	10.334	(0.921)	120	107582			107.72- 167.72	127.82
10.317	10.334	(0.921)	77	75784			69.64- 129.64	90.04
115 Chlorobenzilate						CAS #: 510-15-6		
10.371	10.388	(0.926)	251	114369	32.2188	1600	80.00- 120.00	100.00
10.371	10.388	(0.926)	253	72839			35.05- 95.05	63.69
10.371	10.388	(0.926)	139	131847			88.99- 148.99	115.28
116 Kepone						CAS #: 143-50-0		
10.777	10.690	(0.963)	272	31309	30.9900	1530	80.00- 120.00	100.00(RM)
10.758	10.690	(0.961)	274	24697			51.38- 111.38	78.88
10.769	10.690	(0.962)	237	11978			13.59- 73.59	38.26
117 3,3-Dimethylbenzidine						CAS #: 119-93-7		
10.637	10.657	(0.950)	212	124402	19.7381	978	80.00- 120.00	100.00
10.636	10.657	(0.950)	106	11757			0.00- 39.77	9.45
10.637	10.657	(0.950)	180	8982			0.00- 38.39	7.22
118 Butylbenzylphthalate						CAS #: 85-68-7		
10.675	10.691	(0.953)	149	208840	41.7204	2070	80.00- 120.00	100.00
10.675	10.691	(0.953)	91	157572			45.37- 105.37	75.45
10.675	10.691	(0.954)	206	45529			0.00- 51.70	21.80
119 2-Acetylaminofluorene						CAS #: 53-96-3		
10.903	10.920	(0.974)	181	167912	33.2520	1650	80.00- 120.00	100.00
10.903	10.920	(0.974)	223	91319			22.99- 82.99	54.39
10.903	10.920	(0.974)	180	136390			47.24- 107.24	81.23
120 Benzo[a]anthracene						CAS #: 56-55-3		
11.179	11.194	(0.998)	228	411493	39.8780	1980	80.00- 120.00	100.00
11.179	11.194	(0.998)	229	80232			0.00- 49.81	19.50
11.178	11.194	(0.998)	226	115967			0.00- 56.61	28.18
* 121 Chrysene-d12						CAS #: 1719-03-5		
11.196	11.213	(1.000)	240	394282	40.0000		80.00- 120.00	100.00
11.195	11.213	(1.000)	120	38276			0.00- 40.23	9.71
11.196	11.213	(1.000)	236	96140			0.00- 54.43	24.38
122 3,3'-Dichlorobenzidine						CAS #: 91-94-1		
11.166	11.181	(0.997)	252	303183	73.1008	3620	80.00- 120.00	100.00
11.166	11.181	(0.997)	254	195345			34.93- 94.93	64.43
11.166	11.181	(0.997)	126	36047			0.00- 41.83	11.89

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
123 Chrysene						CAS #: 218-01-9		
11.221	11.236	(1.002)	228	388900	38.2179	1890	80.00- 120.00	100.00
11.221	11.236	(1.002)	226	113418			0.00- 59.02	29.16
11.220	11.236	(1.002)	229	74715			0.00- 49.74	19.21
124 Bis-2-Ethylhexylphthalate						CAS #: 117-81-7		
11.258	11.275	(1.006)	149	278700	40.3672	2000	80.00- 120.00	100.00
11.258	11.275	(1.006)	167	83343			0.09- 60.09	29.90
11.259	11.275	(1.006)	279	21078			0.00- 37.40	7.56
125 Di-n-octylphthalate						CAS #: 117-84-0		
11.824	11.842	(0.945)	149	481741	36.4988	1810	80.00- 120.00	100.00
11.824	11.842	(0.945)	167	7217			0.00- 31.53	1.50
11.824	11.842	(0.945)	43	41903			0.00- 38.73	8.70
126 7,12-Dimethylbenz(a)anthracen						CAS #: 57-97-6		
12.193	12.210	(0.974)	256	177785	37.3678	1850	80.00- 120.00	100.00
12.193	12.210	(0.974)	241	99740			24.64- 84.64	56.10
12.193	12.210	(0.974)	239	83114			16.31- 76.31	46.75
127 Benzo[b]fluoranthene						CAS #: 205-99-2		
12.182	12.198	(0.974)	252	442046	43.1058	2140	80.00- 120.00	100.00(M)
12.182	12.198	(0.974)	253	104610			0.00- 51.93	23.66
12.182	12.198	(0.974)	125	41969			0.00- 48.50	9.49
128 Benzo[k]fluoranthene						CAS #: 207-08-9		
12.206	12.220	(0.975)	252	474558	41.3638	2050	80.00- 120.00	100.00(M)
12.198	12.220	(0.975)	253	109112			0.00- 51.78	22.99
12.198	12.220	(0.975)	125	44602			0.00- 47.06	9.40
129 Benzo[a]pyrene						CAS #: 50-32-8		
12.461	12.482	(0.996)	252	371082	39.5047	1960	80.00- 120.00	100.00
12.461	12.482	(0.996)	253	97588			0.00- 52.83	26.30
12.461	12.482	(0.996)	125	35163			0.00- 39.81	9.48
* 130 Perylene-d12						CAS #: 1520-96-3		
12.513	12.532	(1.000)	264	359920	40.0000		80.00- 120.00	100.00
12.512	12.532	(1.000)	260	81992			0.00- 52.28	22.78
12.512	12.532	(1.000)	265	78065			0.00- 51.45	21.69
131 3-Methylcholanthrene						CAS #: 56-49-5		
12.797	12.822	(1.023)	268	176720	51.1615	2530	80.00- 120.00	100.00
12.797	12.822	(1.023)	252	77903			13.86- 73.86	44.08
12.797	12.822	(1.023)	253	66866			11.25- 71.25	37.84
132 Dibenz(a,j)acridine						CAS #: 224-42-0		
13.336	13.369	(1.066)	279	154125	20.4540	1010	80.00- 120.00	100.00
13.336	13.369	(1.066)	280	34879			0.00- 52.83	22.63
13.336	13.369	(1.066)	277	22269			0.00- 44.54	14.45
133 Indeno[1,2,3-cd]pyrene						CAS #: 193-39-5		
13.541	13.569	(1.082)	276	410771	38.9620	1930	80.00- 120.00	100.00
13.541	13.569	(1.082)	138	91357			0.00- 52.87	22.24

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
133 Indeno[1,2,3-cd]pyrene (continued)								
13.542	13.569	(1.082)	277	106358			0.00- 55.20	25.89
134 Dibenz[a,h]anthracene						CAS #: 53-70-3		
13.546	13.574	(1.083)	278	347031	39.0520	1930	80.00- 120.00	100.00
13.545	13.574	(1.082)	139	50325			0.00- 45.22	14.50
13.546	13.574	(1.083)	279	82238			0.00- 52.97	23.70
135 Benzo[g,h,i]perylene						CAS #: 191-24-2		
13.821	13.852	(1.105)	276	336673	40.1029	1990	80.00- 120.00	100.00
13.820	13.852	(1.104)	138	63306			0.00- 49.03	18.80
13.821	13.852	(1.105)	277	78959			0.00- 53.91	23.45

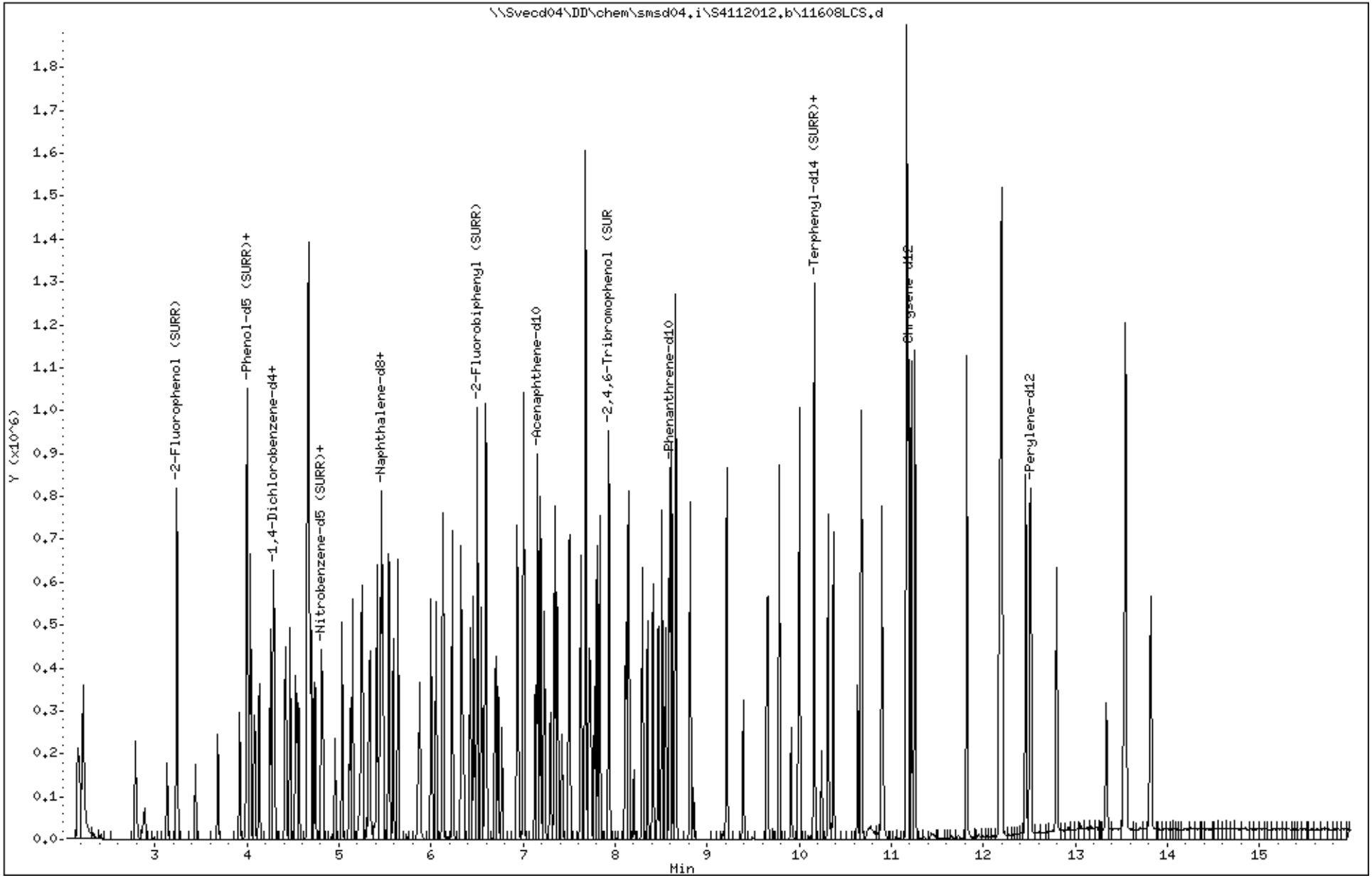
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

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Date : 20-NOV-2012 18:42
Client ID: 154211LCS
Sample Info: SW154211LCS

Instrument: smsd04.i
Operator: MJ
Column diameter: 0.25

Column phase: HPMS-5



1818

3507616

Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

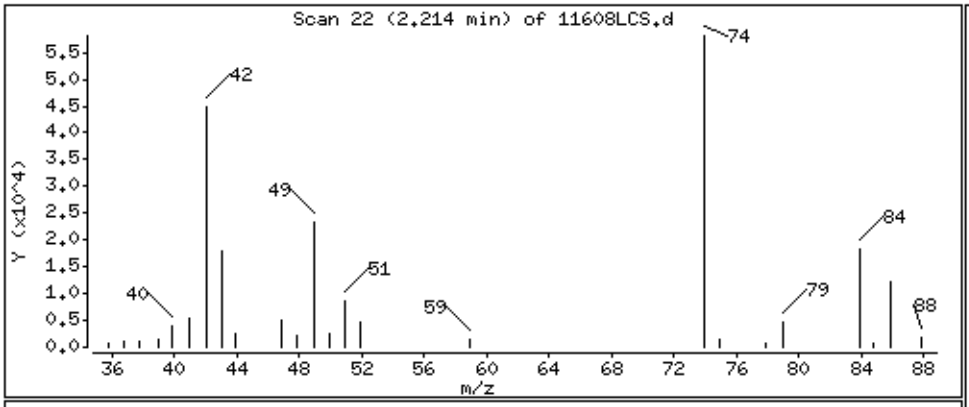
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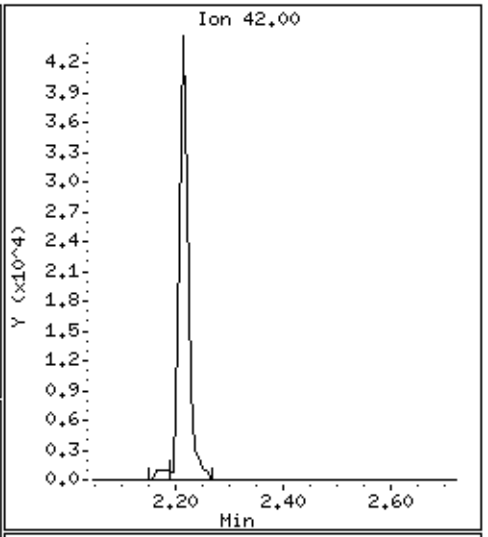
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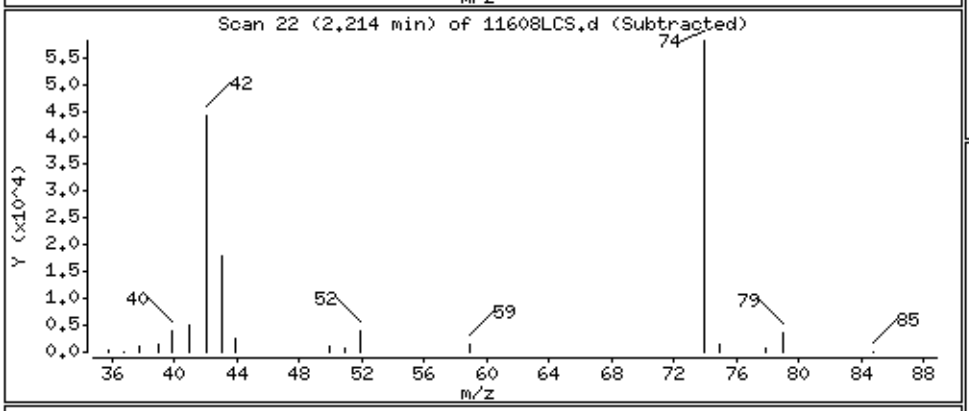
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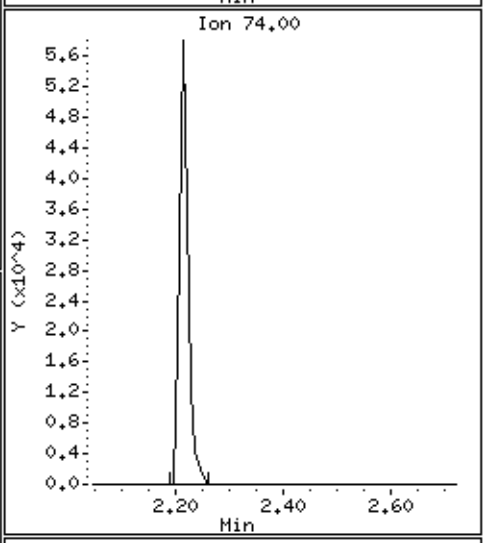
1 N-Nitrosodimethylamine

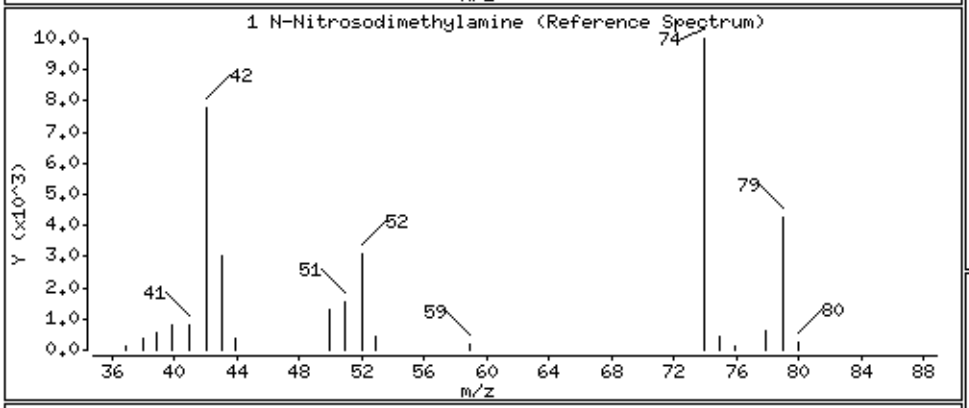
Concentration: 1710 ug/kg

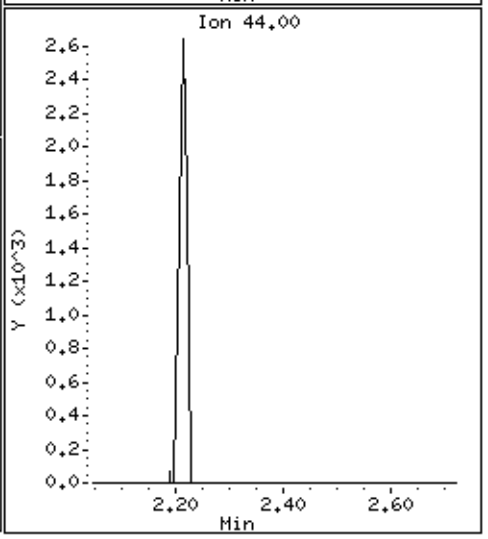


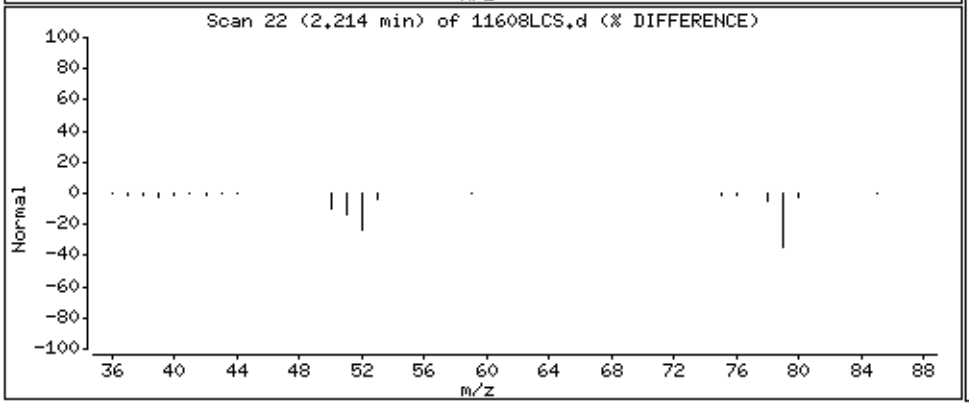












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Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

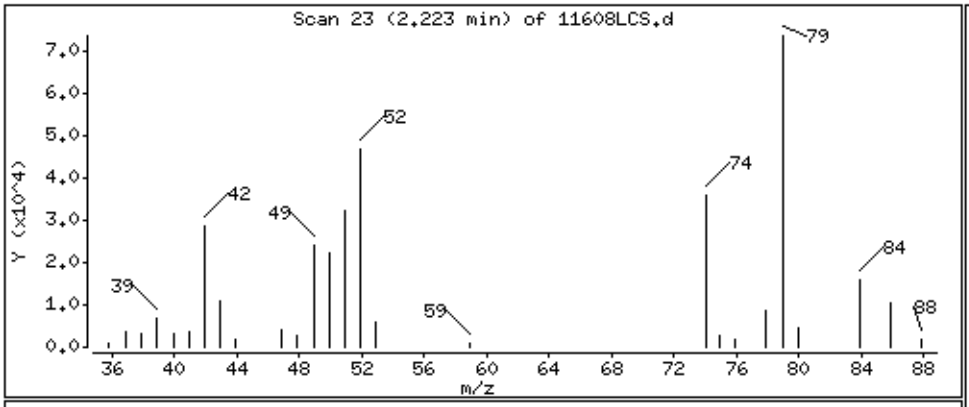
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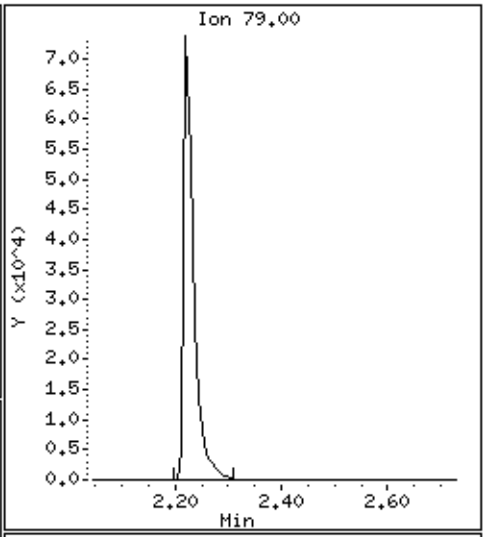
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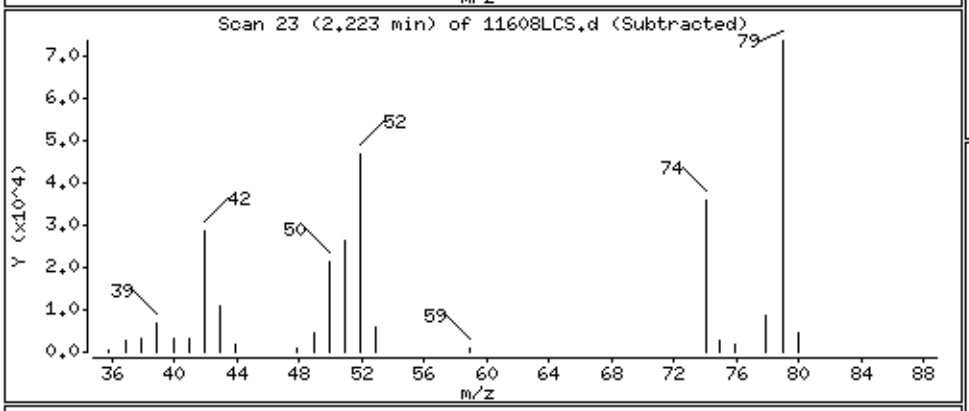
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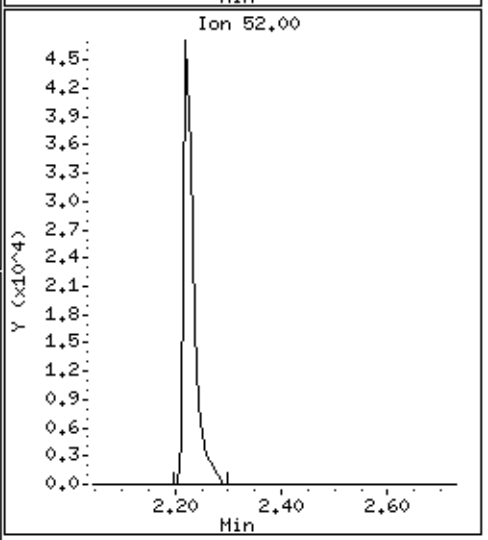
2 Pyridine

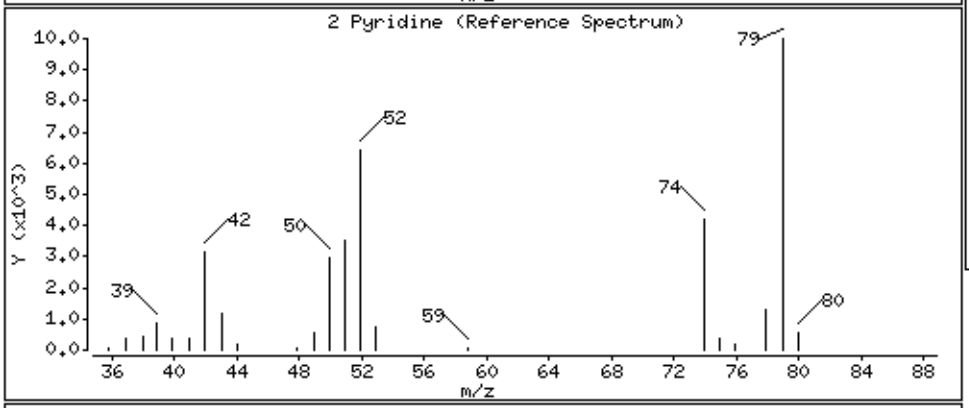
Concentration: 1400 ug/kg

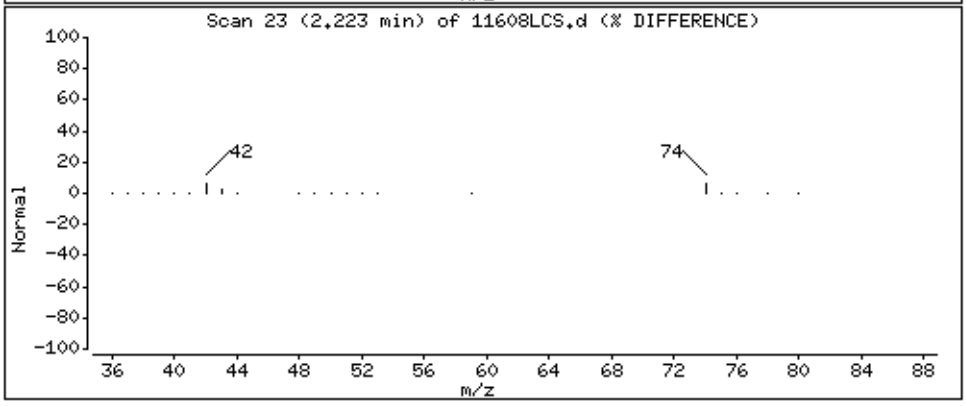












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

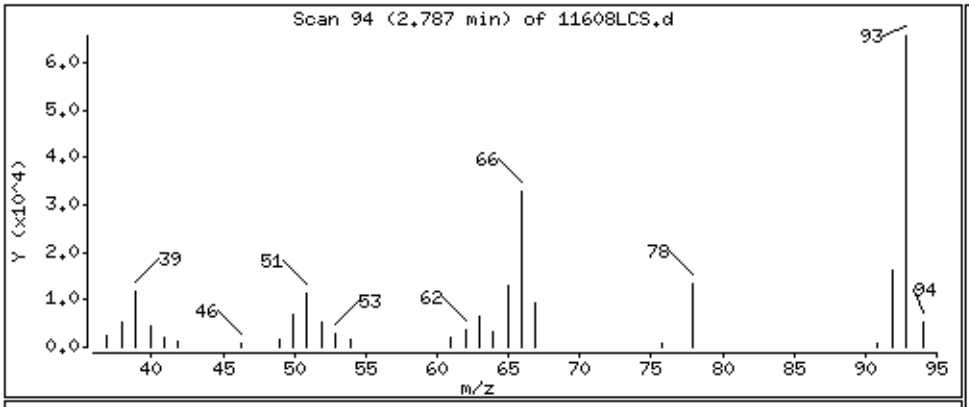
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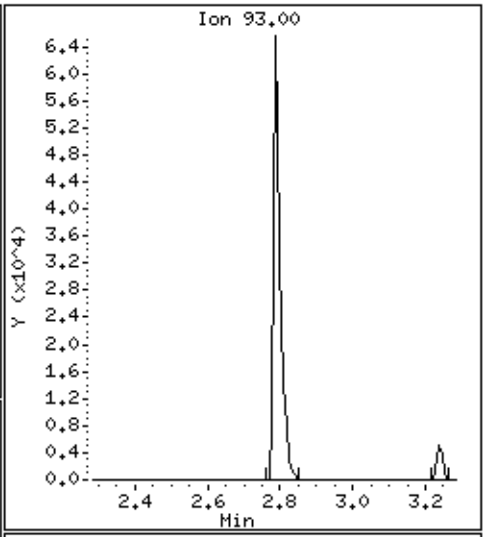
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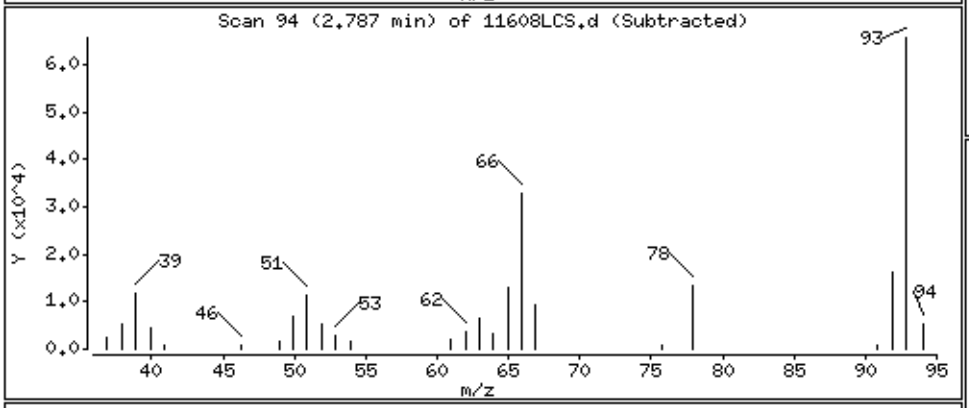
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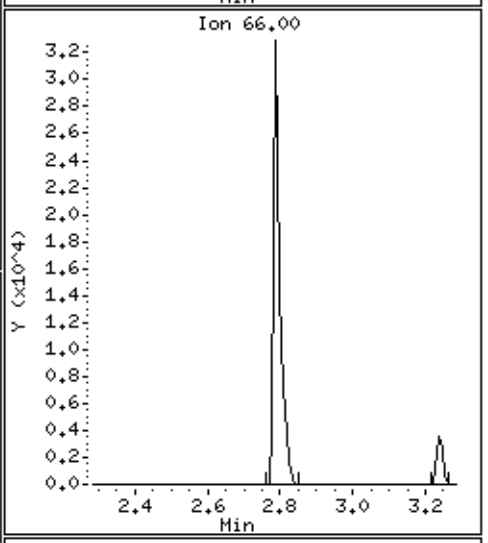
3 2- Picoline

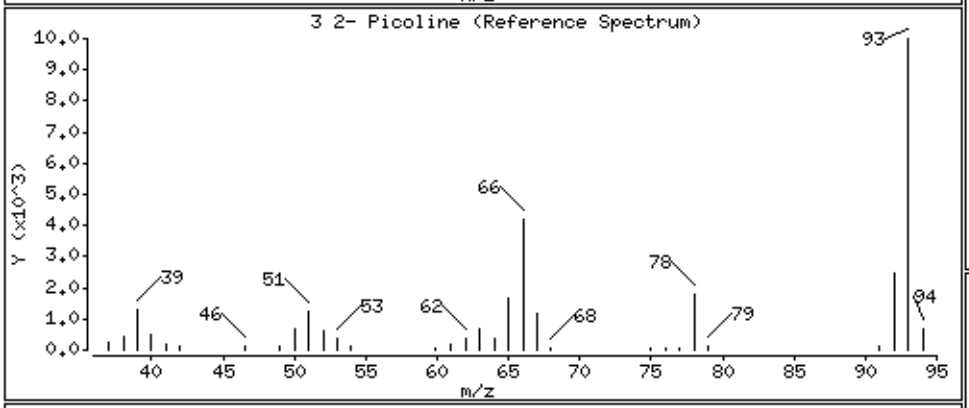
Concentration: 1280 ug/kg

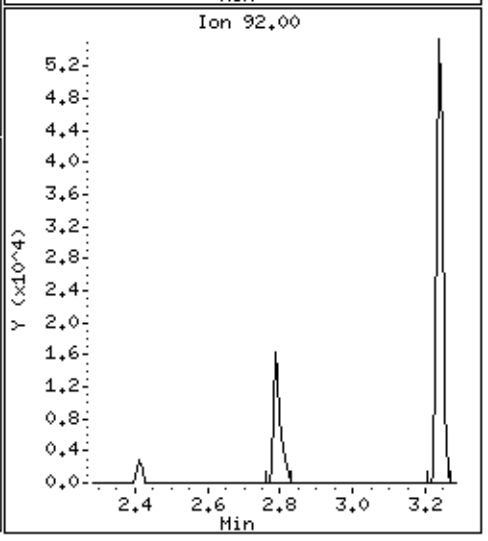


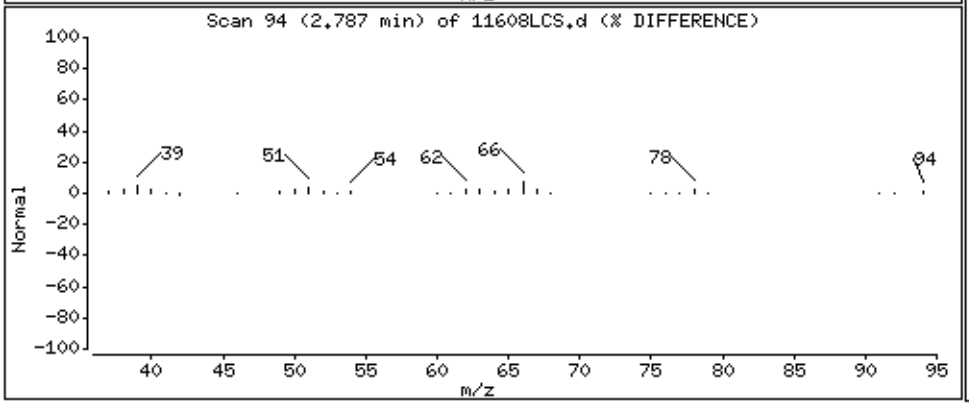












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

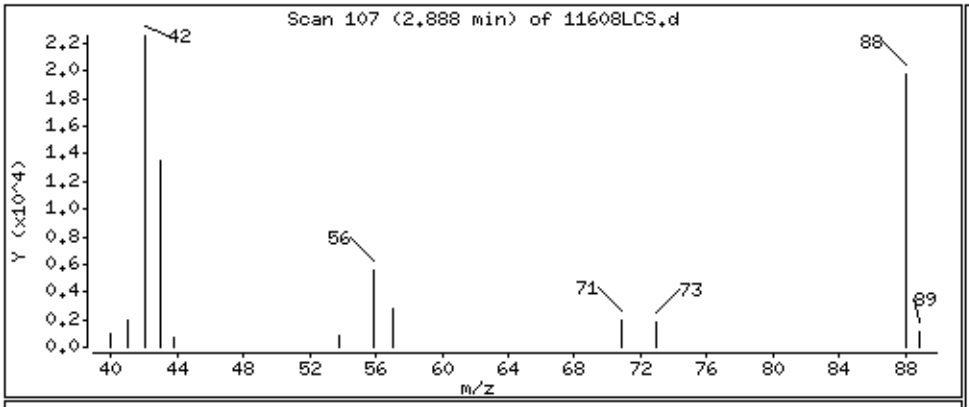
Operator: MJ

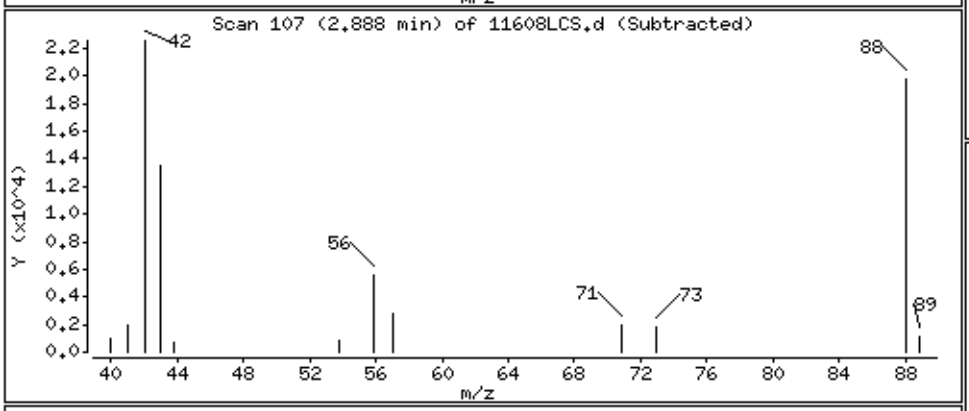
Column phase: HPMS-5

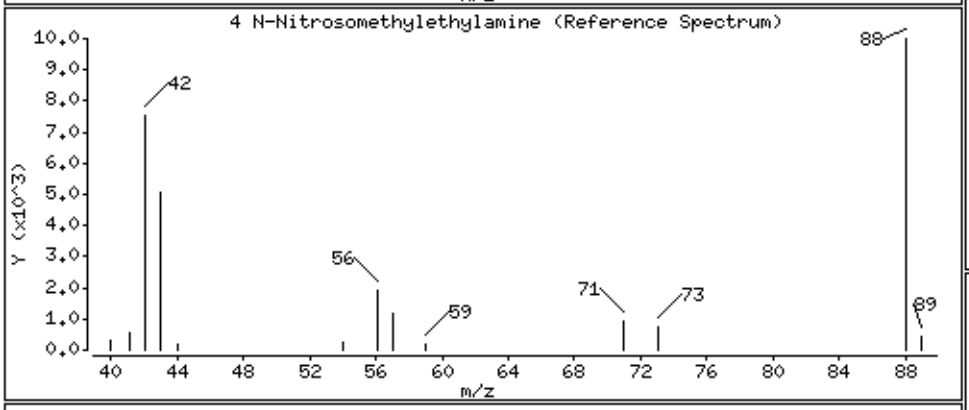
Column diameter: 0.25

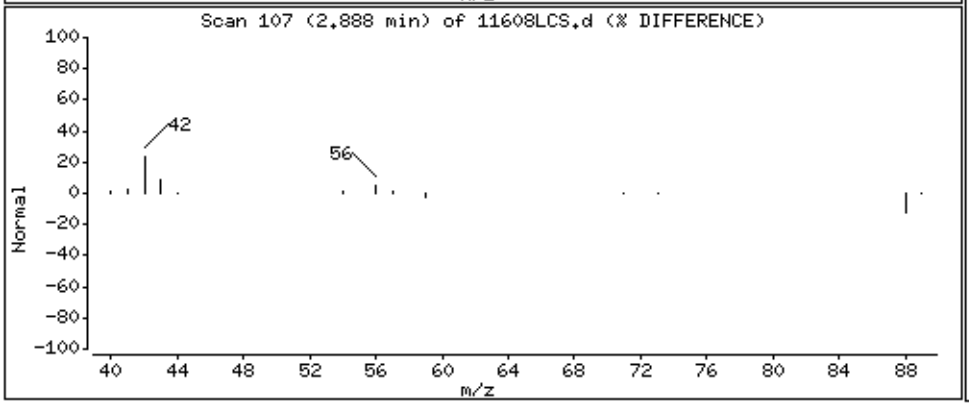
4 N-Nitrosomethylethylamine

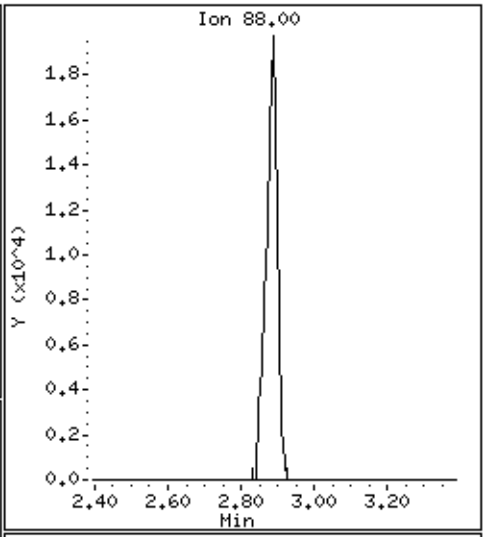
Concentration: 1410 ug/kg

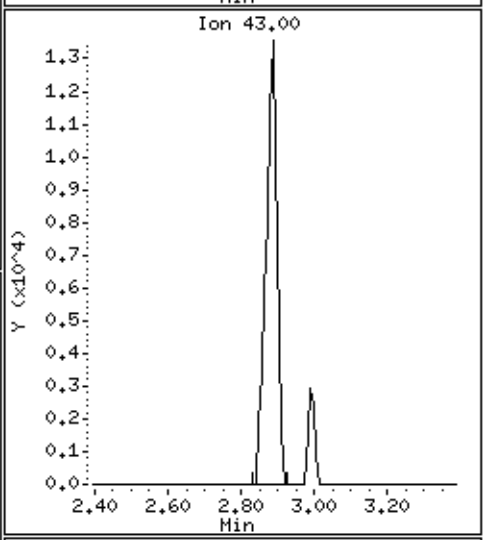


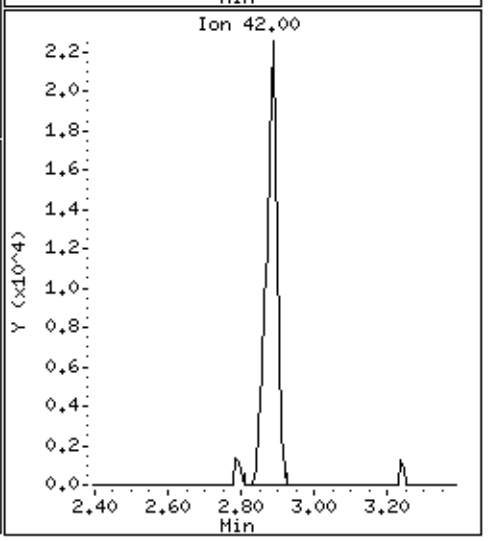












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

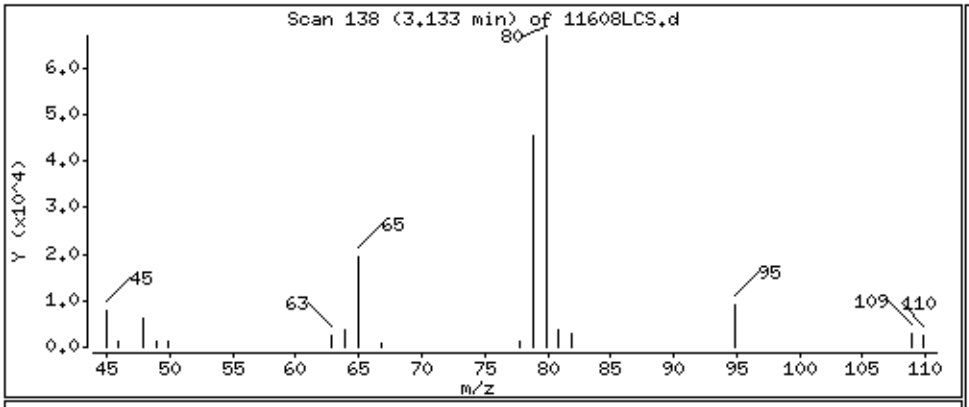
Operator: MJ

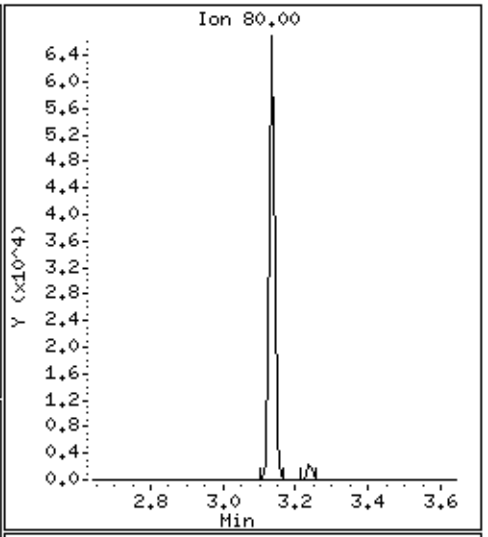
Column phase: HPMS-5

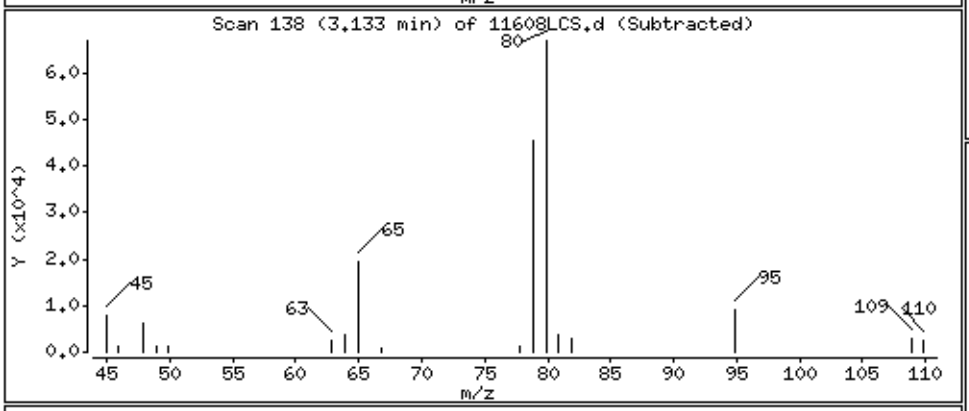
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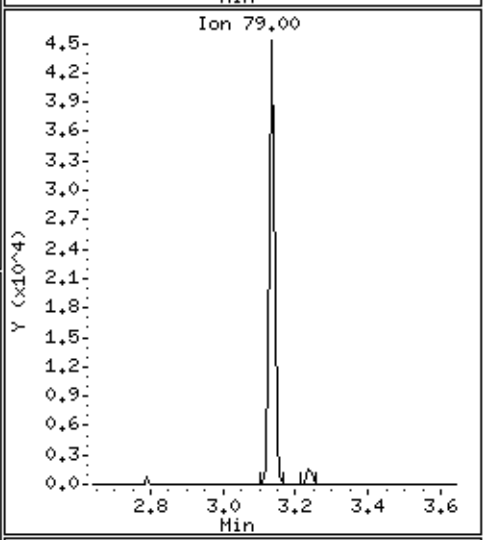
5 Methyl Methanesulfonate

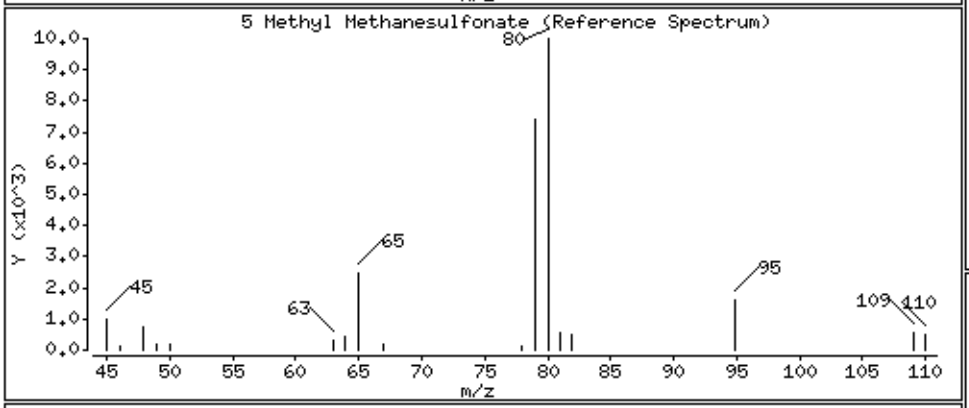
Concentration: 1730 ug/kg

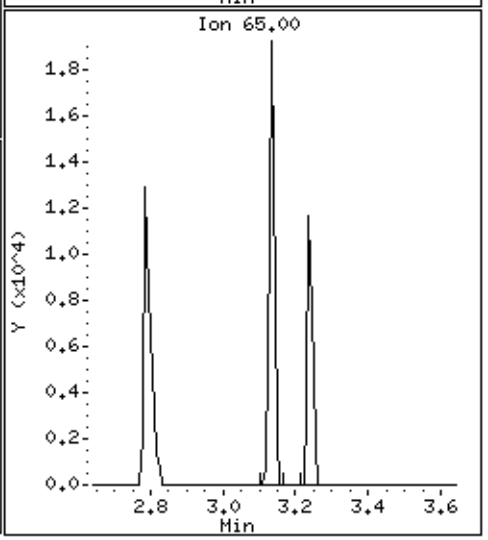


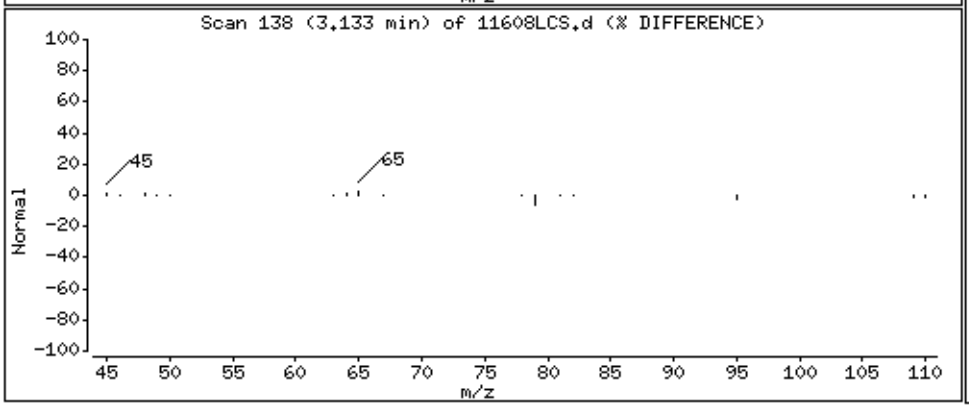












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

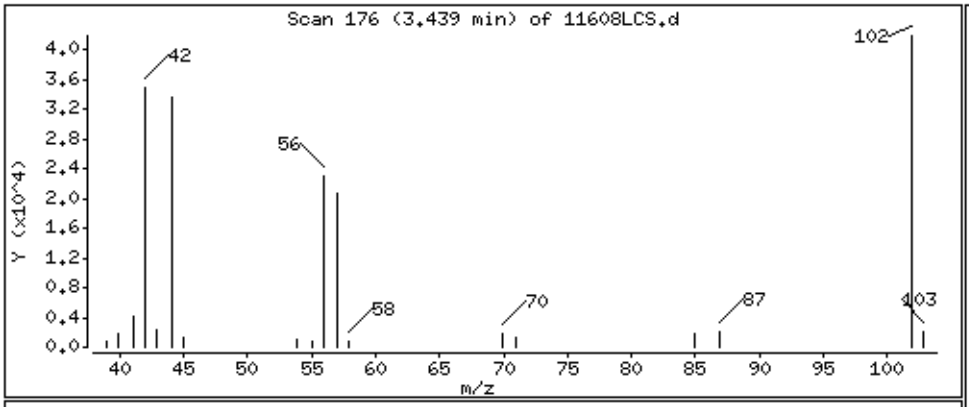
Operator: MJ

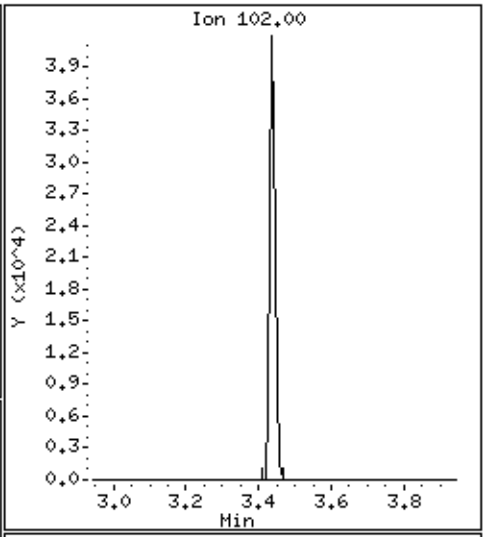
Column phase: HPMS-5

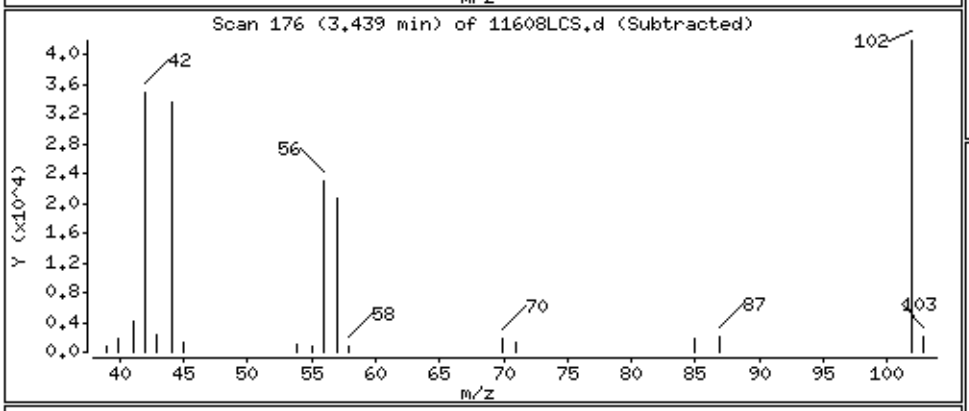
Column diameter: 0.25

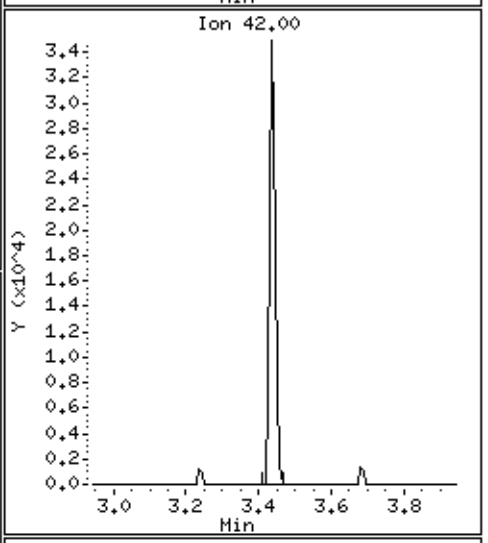
7 N-Nitrosodiethylamine

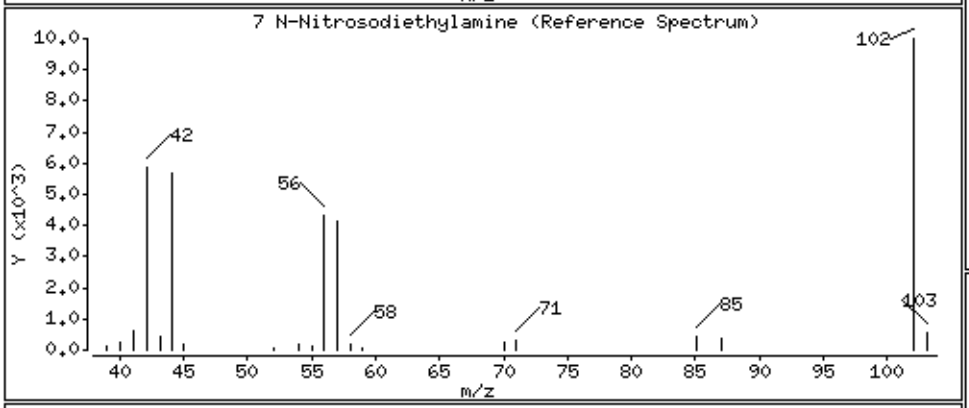
Concentration: 1480 ug/kg

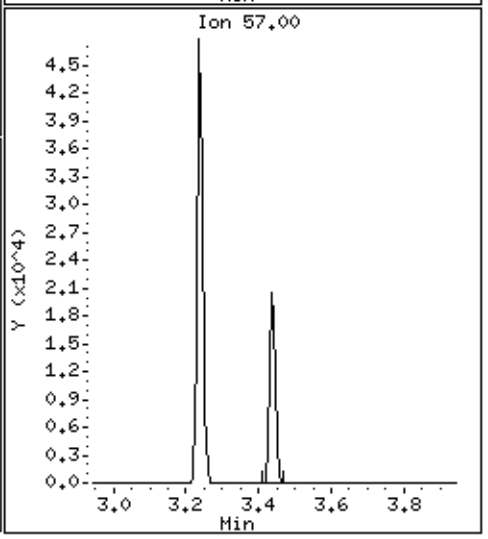


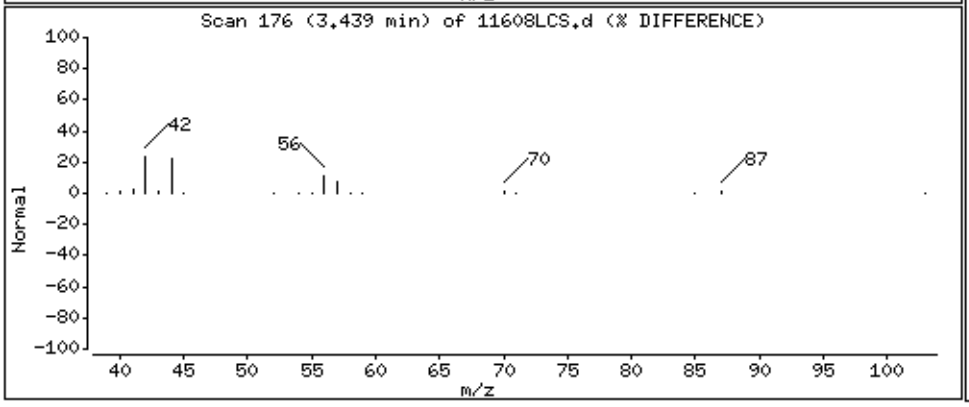












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

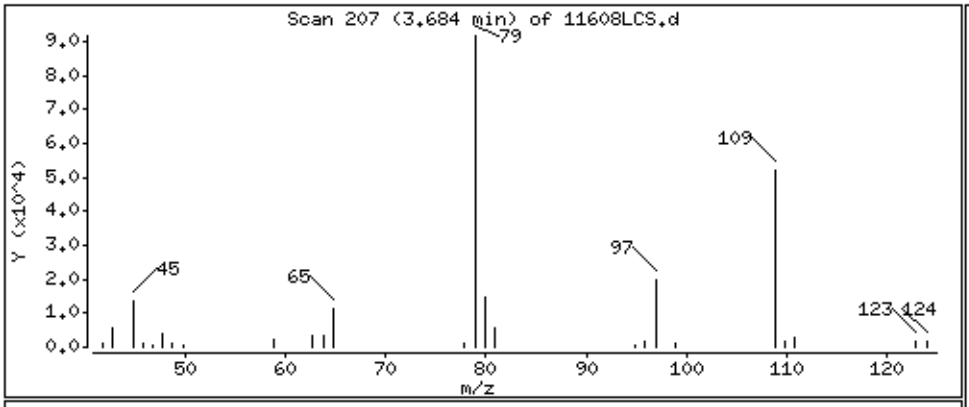
Operator: MJ

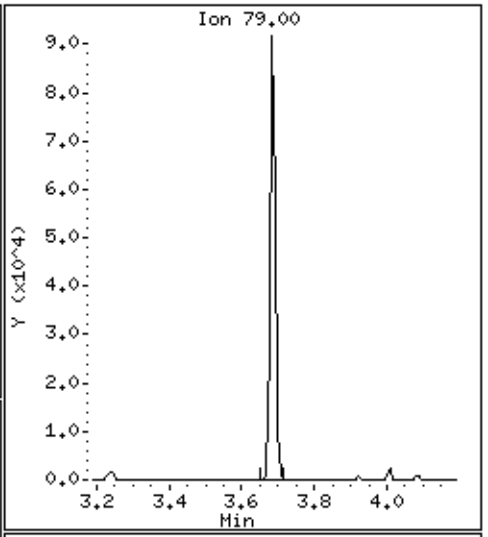
Column phase: HPMS-5

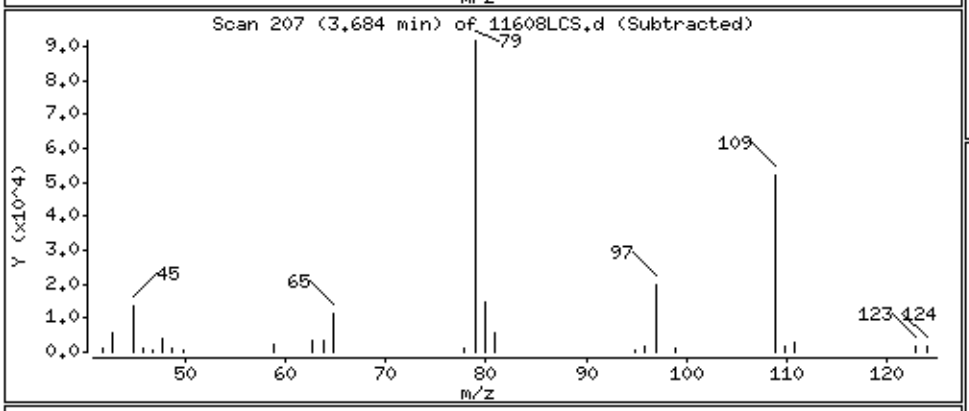
Column diameter: 0.25

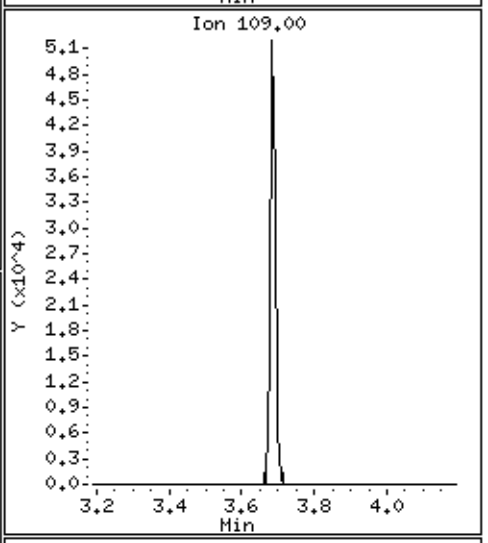
8 Ethyl Methanesulfonate

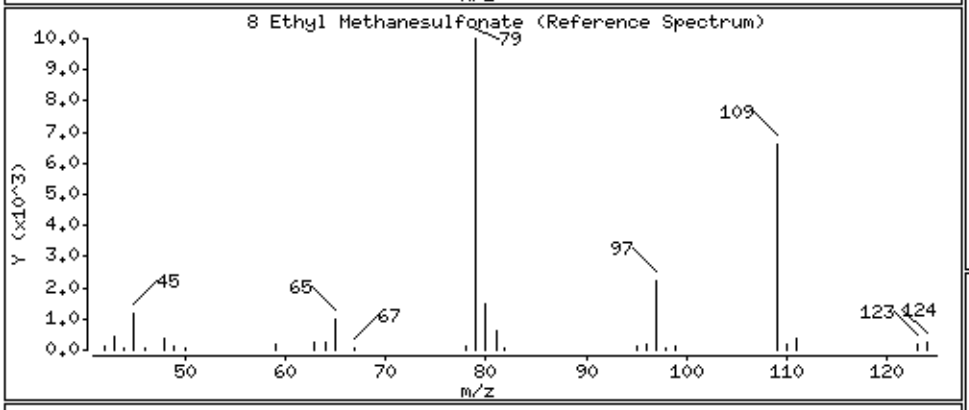
Concentration: 1790 ug/kg

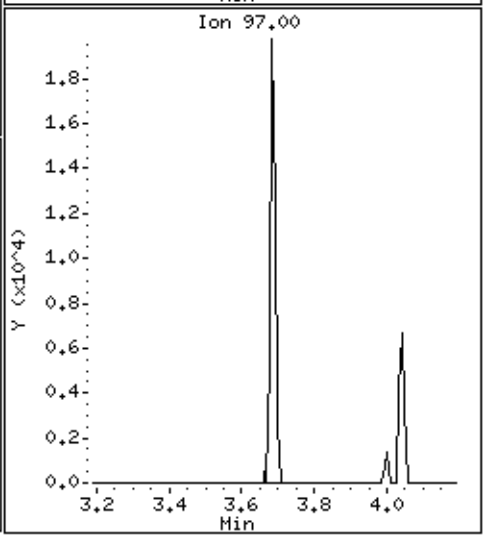


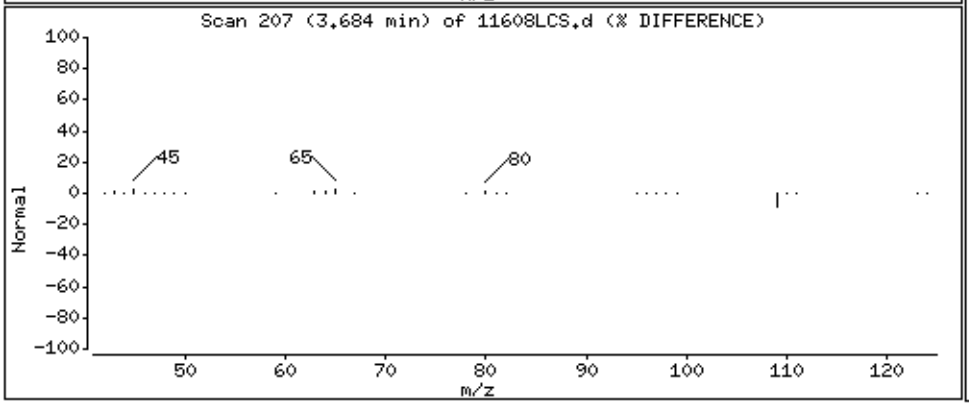












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Date : 20-NOV-2012 18:42

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Instrument: smsd04.i

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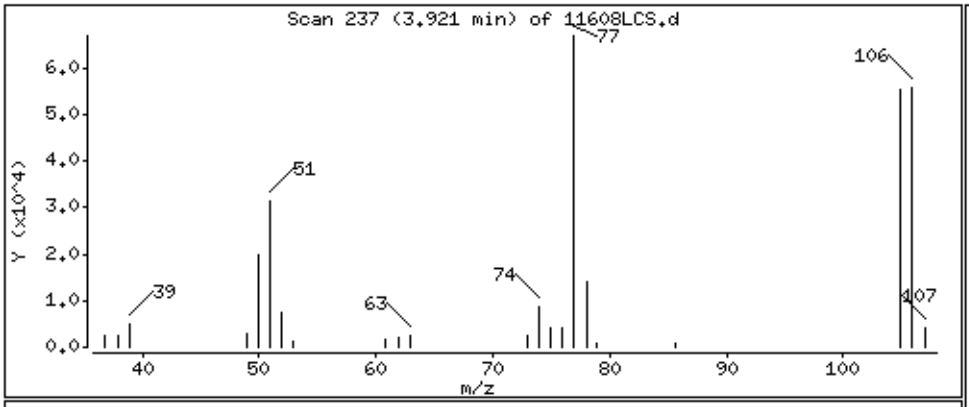
Operator: MJ

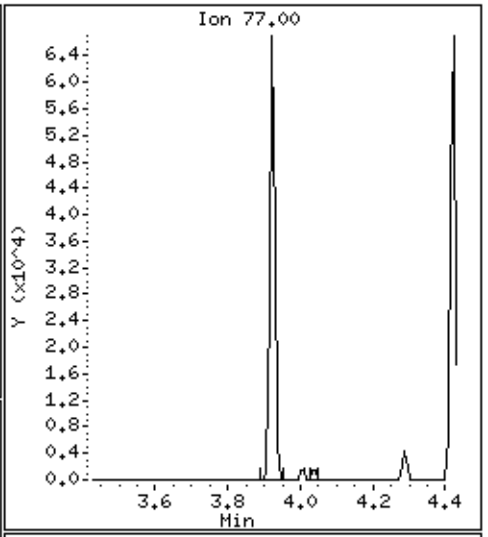
Column phase: HPMS-5

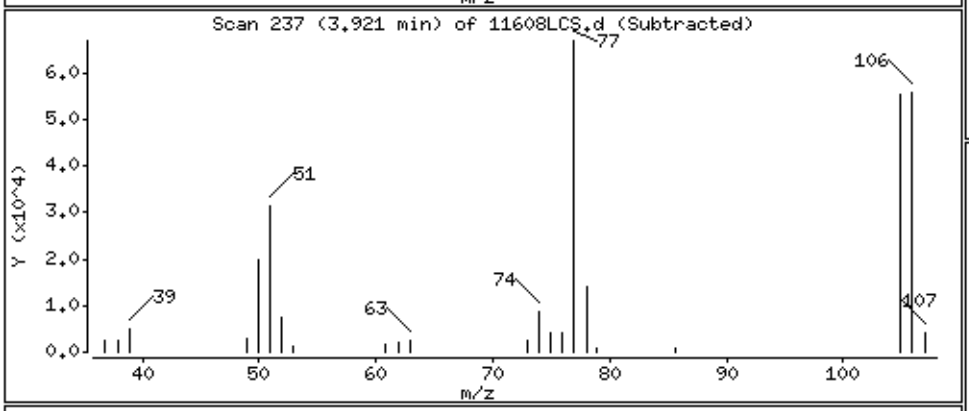
Column diameter: 0.25

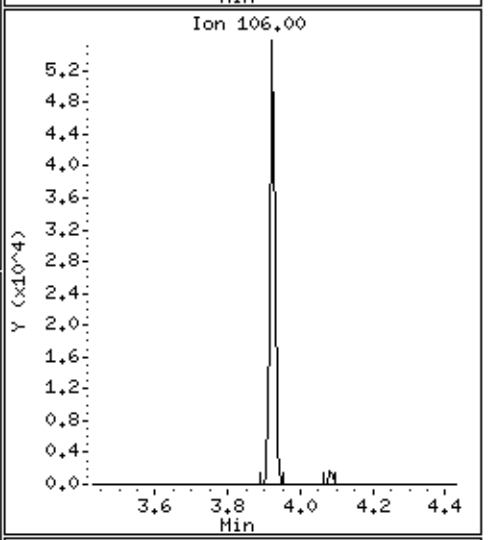
9 Benzaldehyde

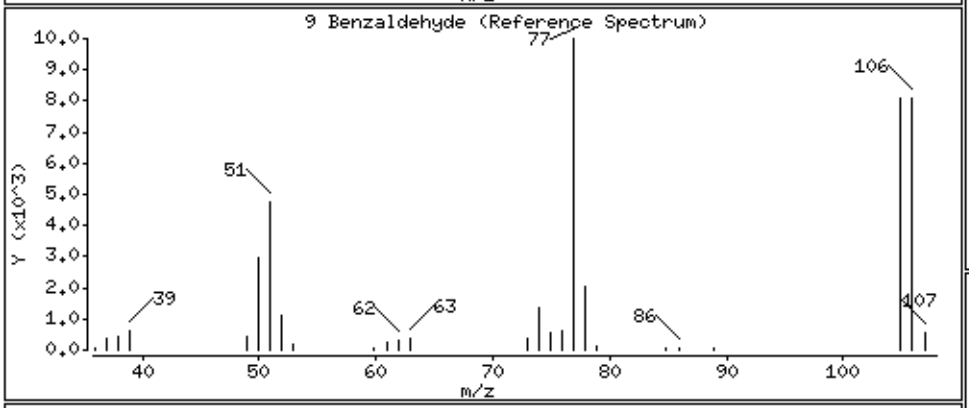
Concentration: 1150 ug/kg

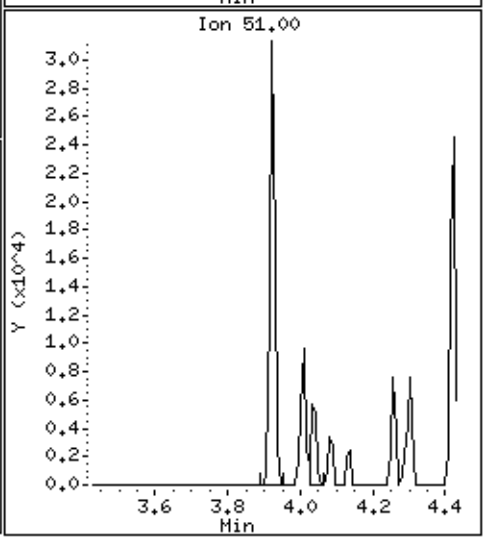


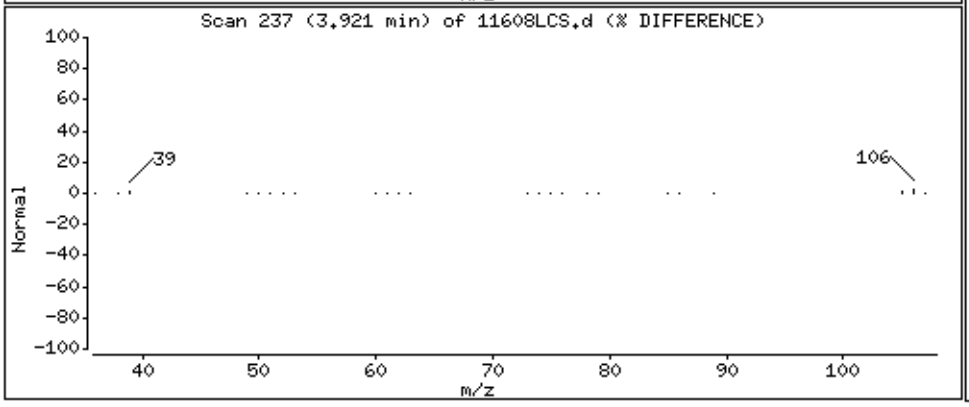












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

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Sample Info: SW154211LCS

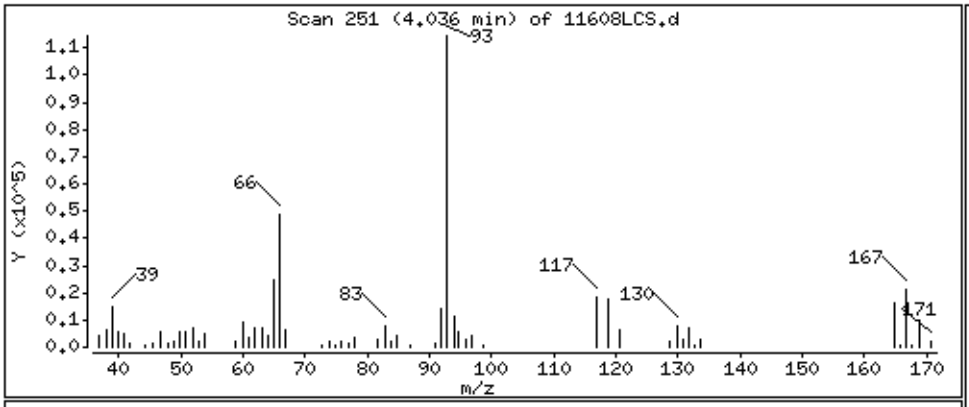
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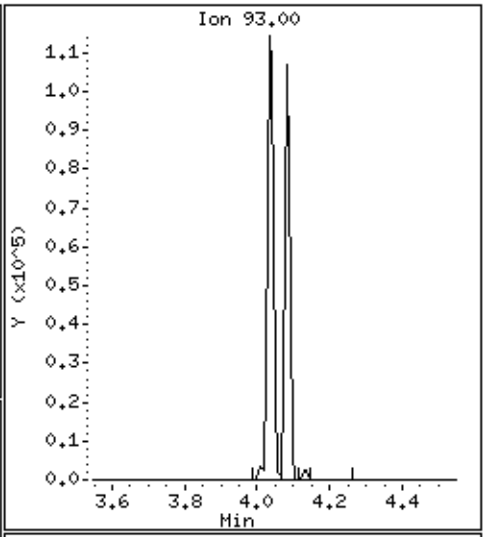
Column phase: HPMS-5

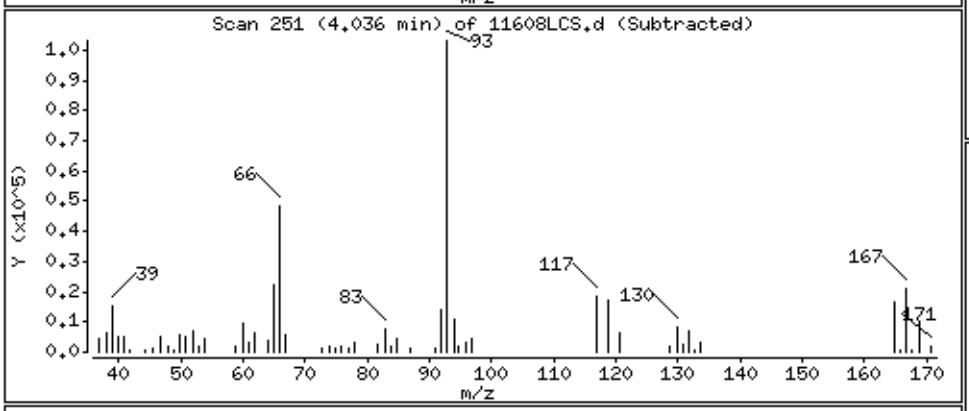
Column diameter: 0.25

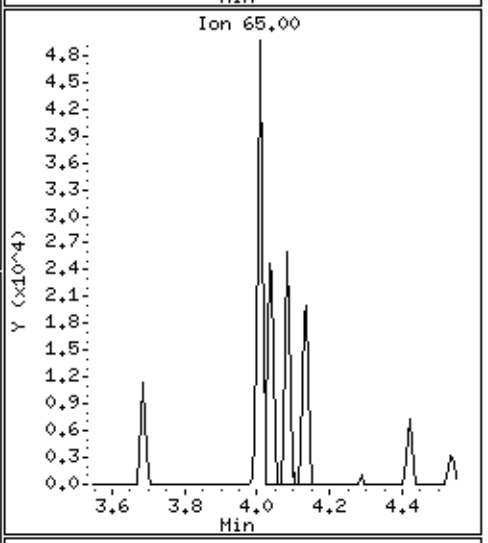
10 Aniline

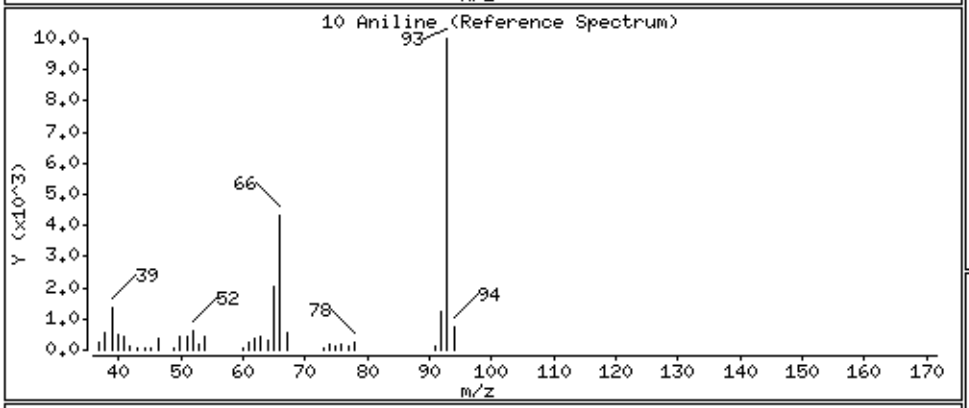
Concentration: 1620 ug/kg

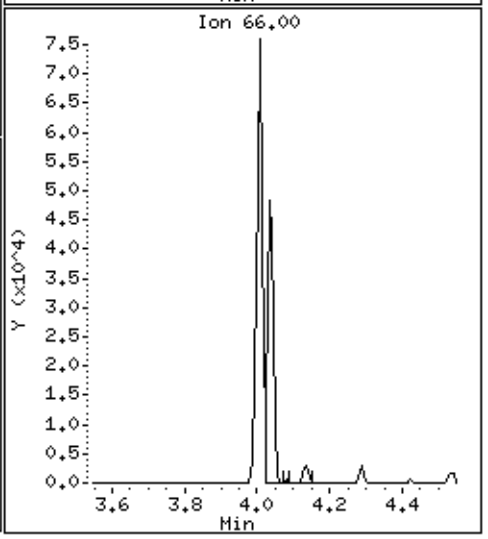


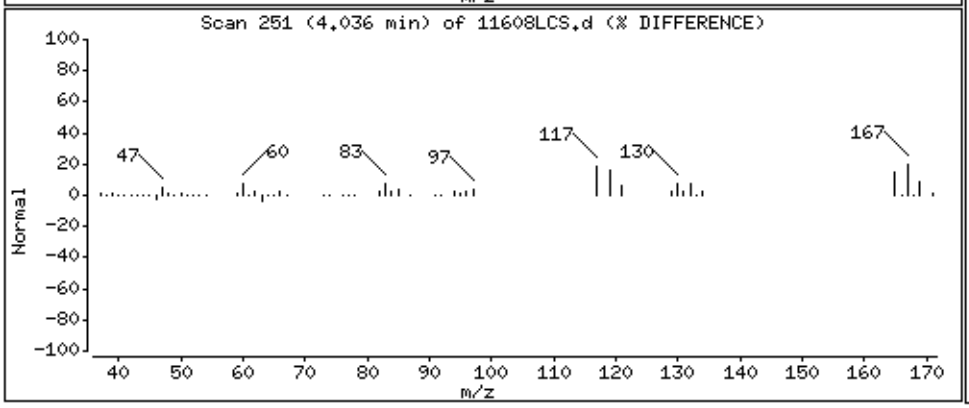












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Sample Info: SW154211LCS

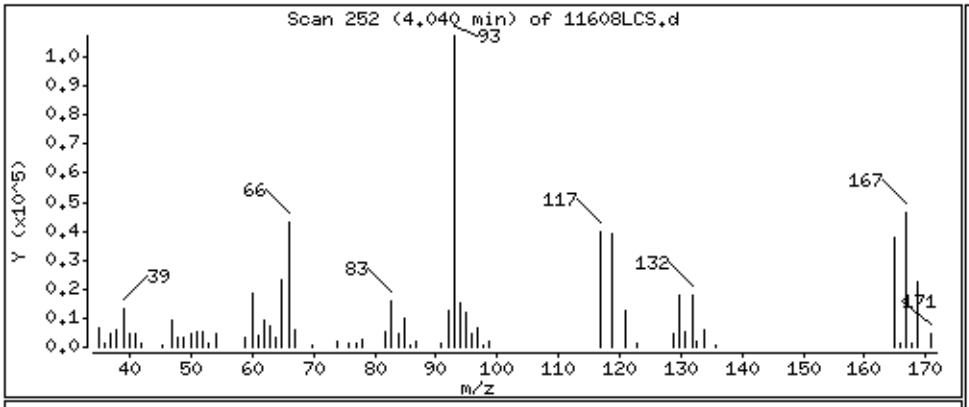
Operator: MJ

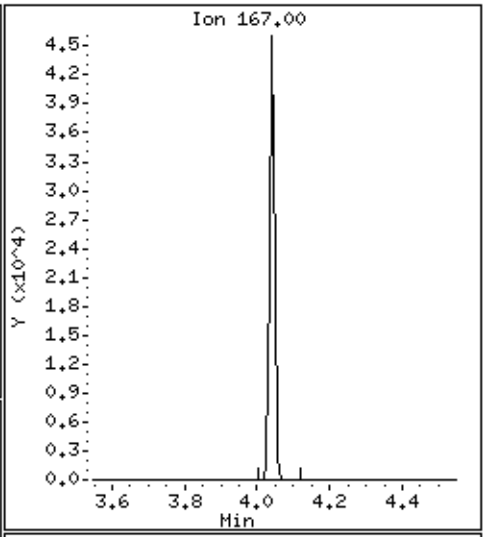
Column phase: HPMS-5

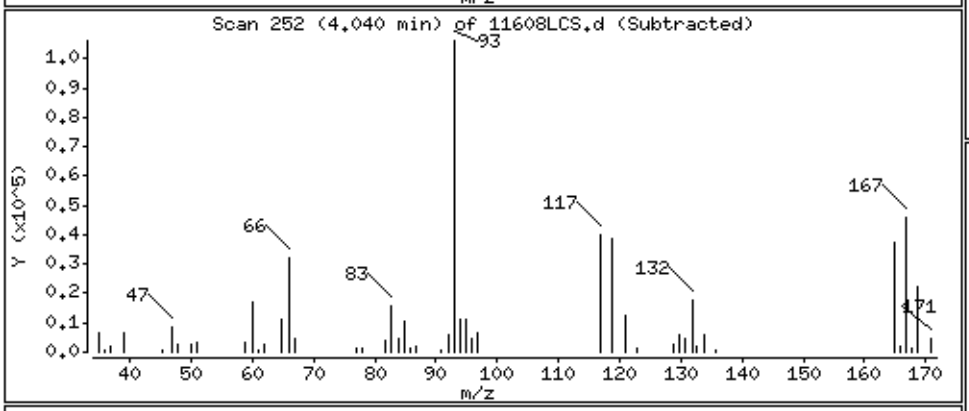
Column diameter: 0.25

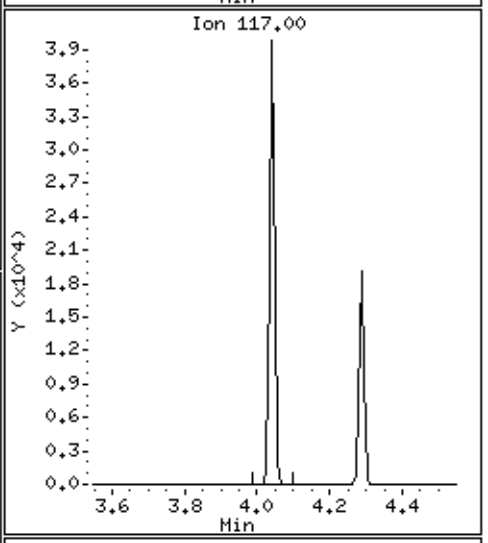
12 Pentachloroethane

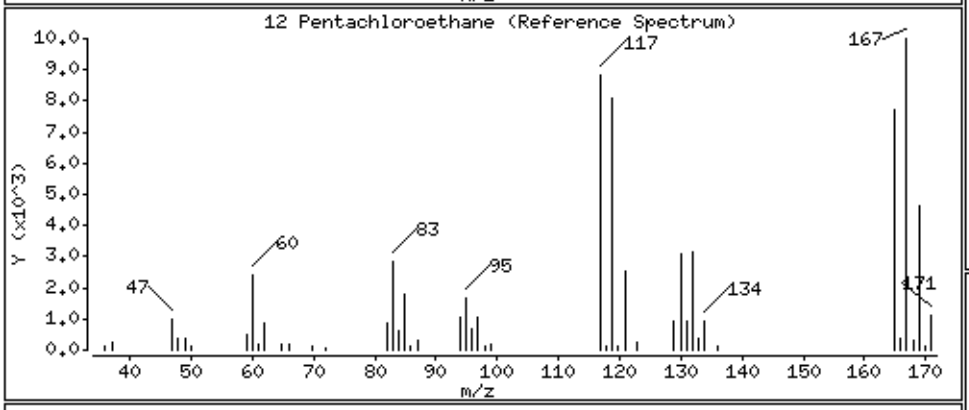
Concentration: 1600 ug/kg

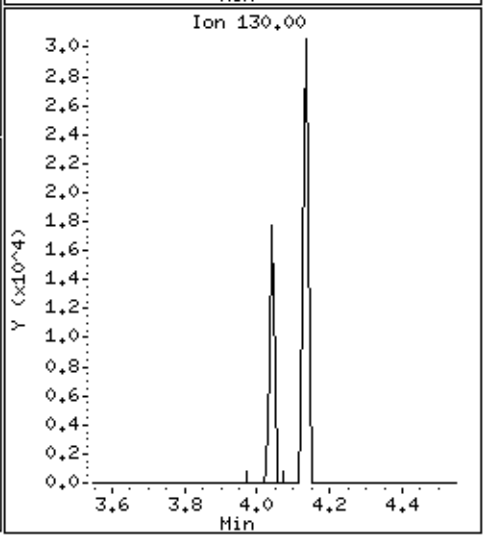


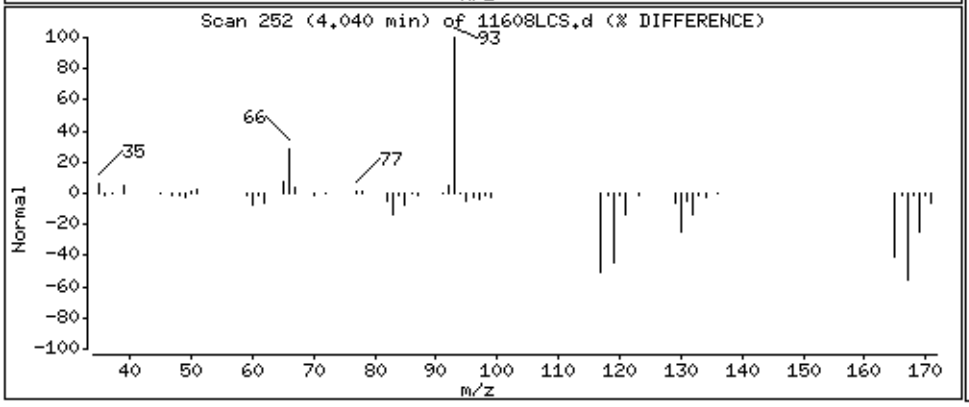












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Instrument: smsd04.i

Sample Info: SW154211LCS

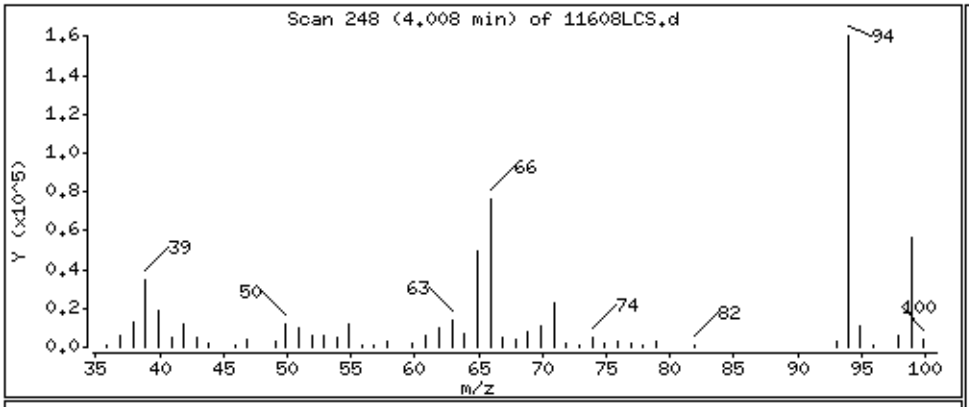
Operator: MJ

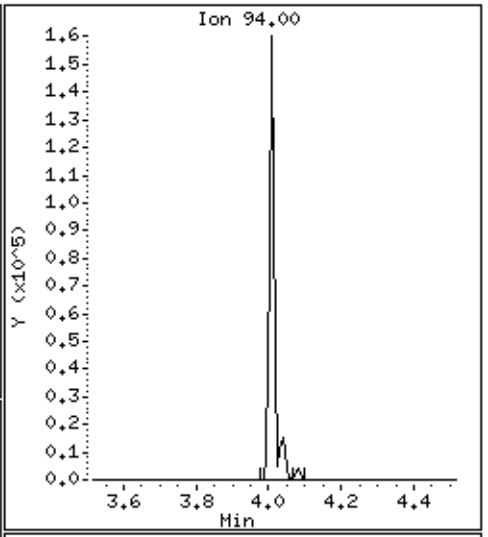
Column phase: HPMS-5

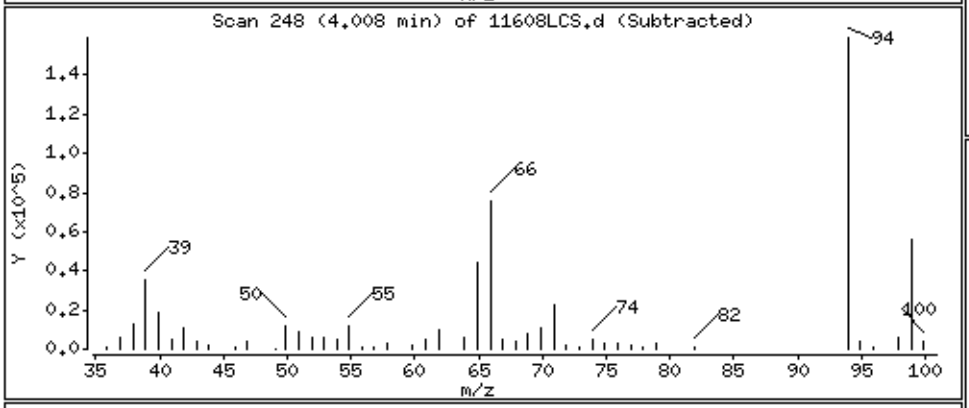
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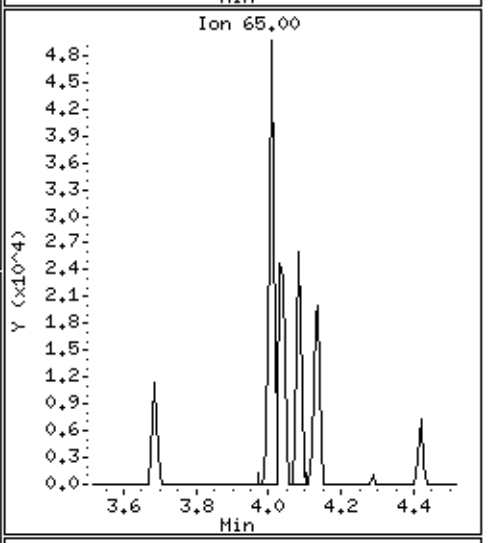
13 Phenol

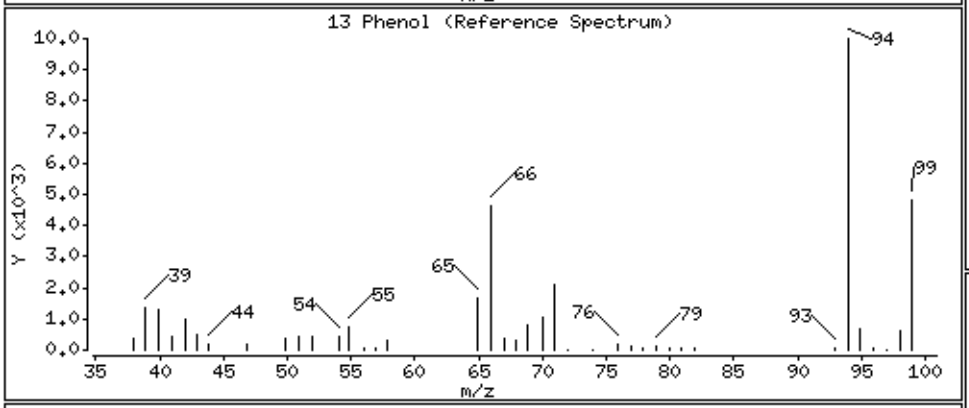
Concentration: 1890 ug/kg

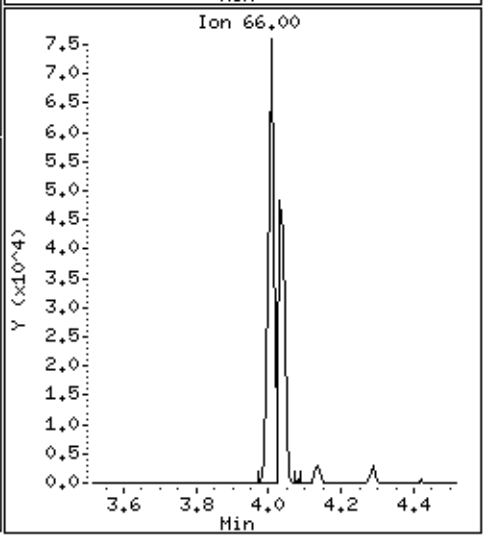


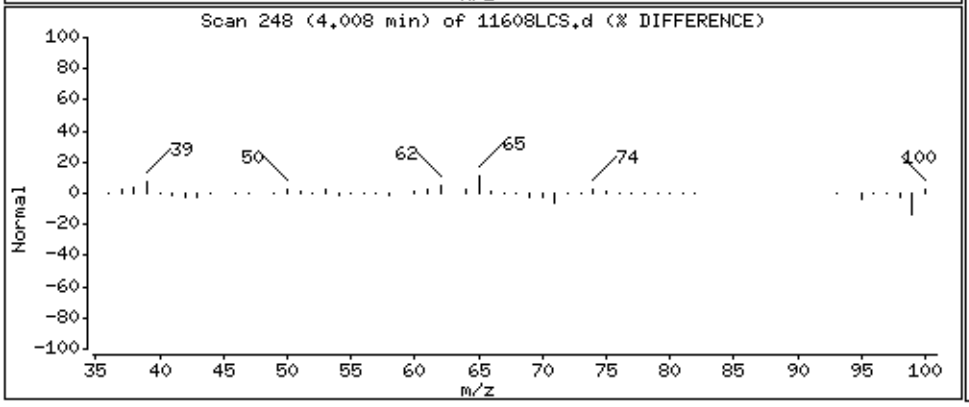












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

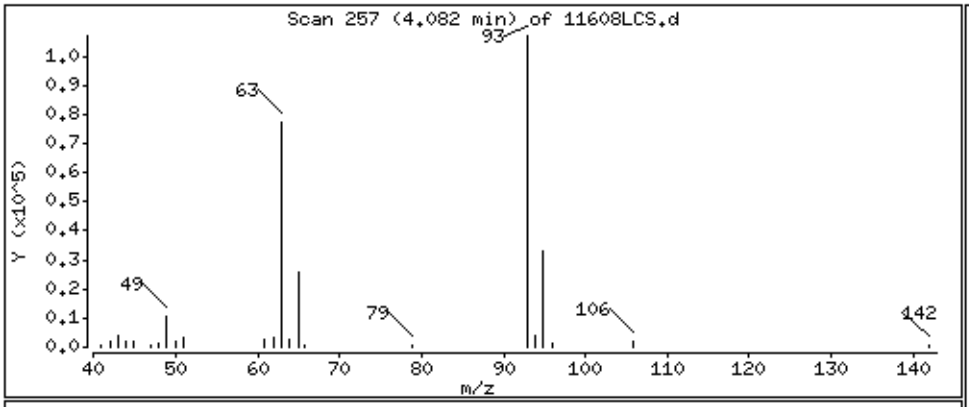
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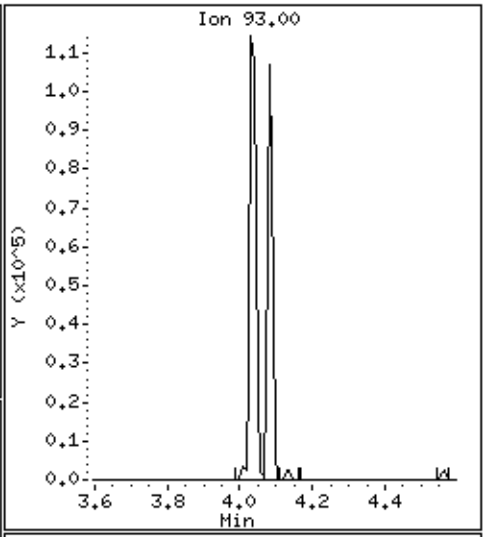
Column phase: HPMS-5

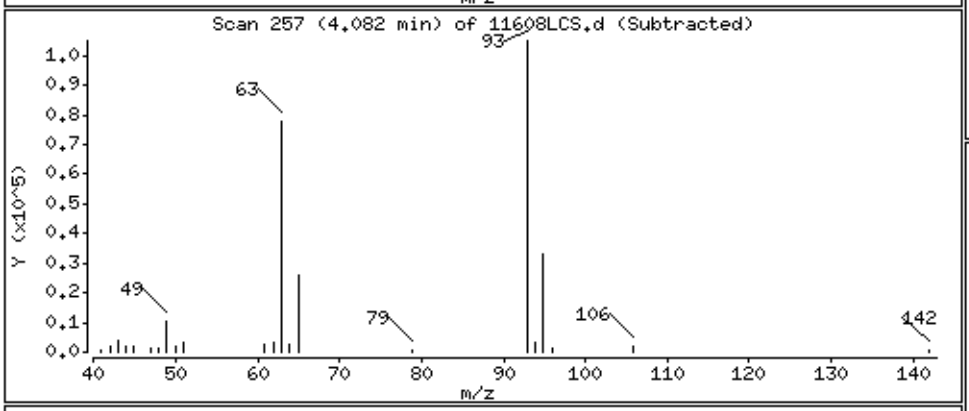
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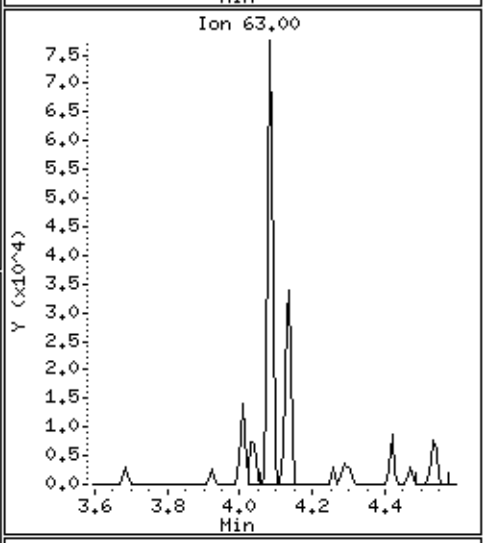
14 Bis(2-Chloroethyl)ether

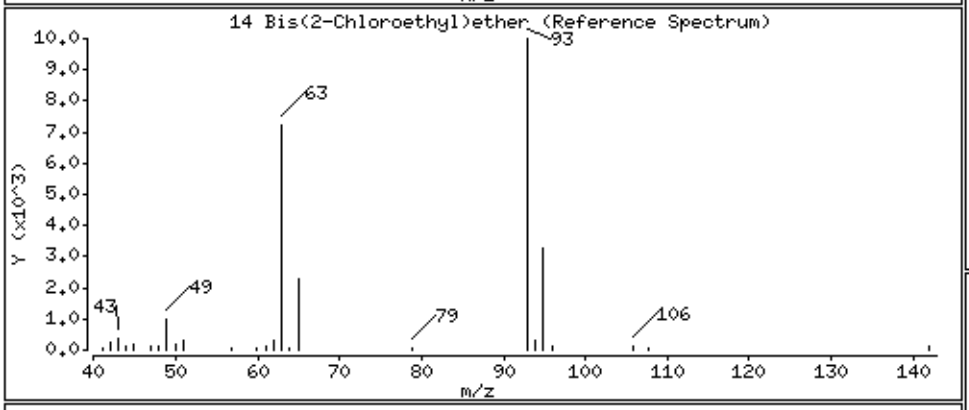
Concentration: 1850 ug/kg

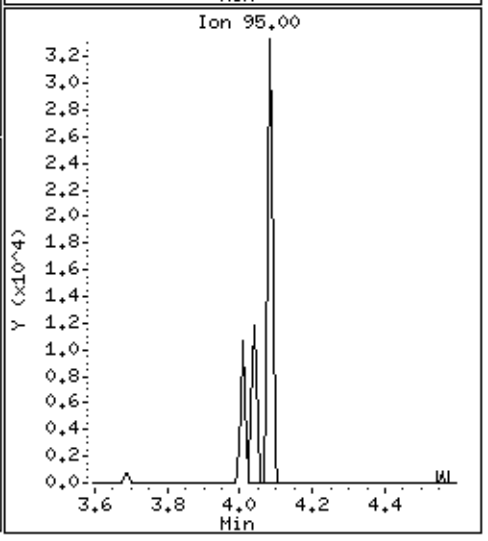


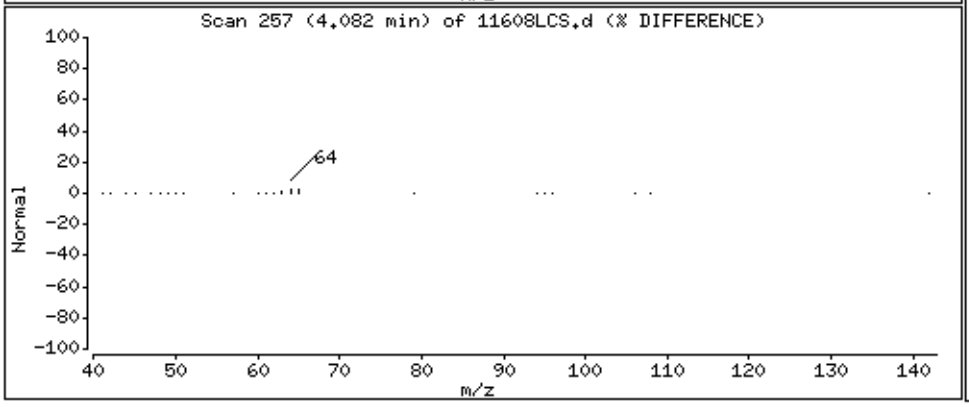












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

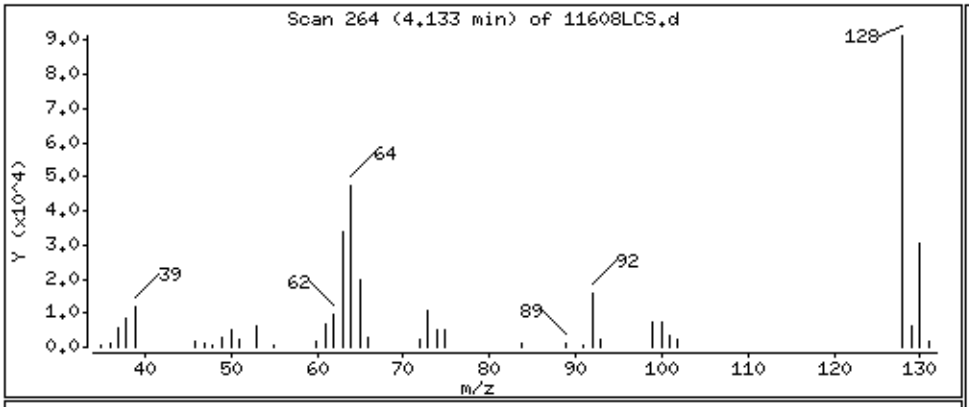
Operator: MJ

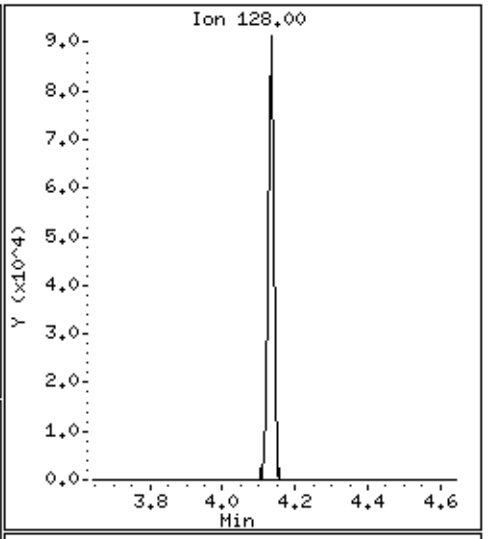
Column phase: HPMS-5

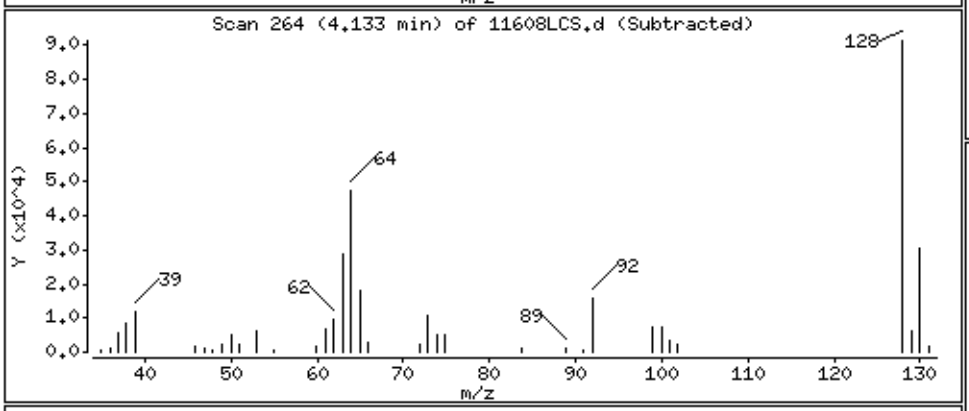
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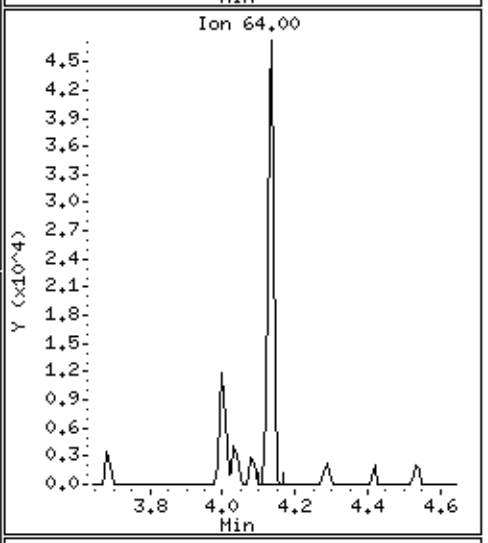
15 2-Chlorophenol

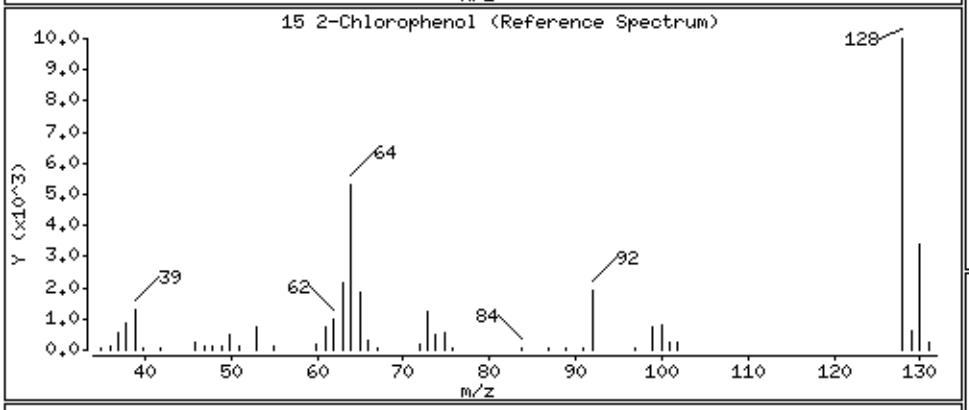
Concentration: 1730 ug/kg

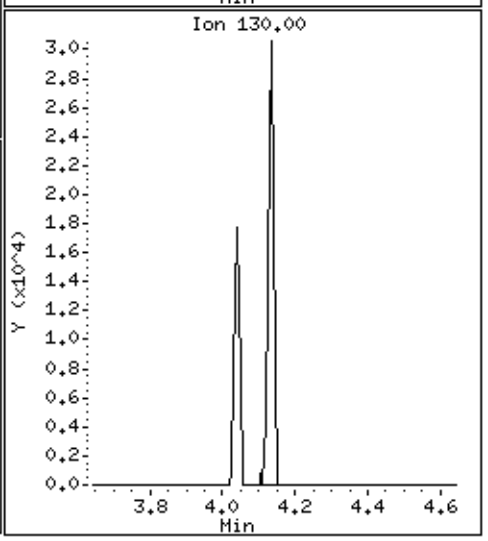


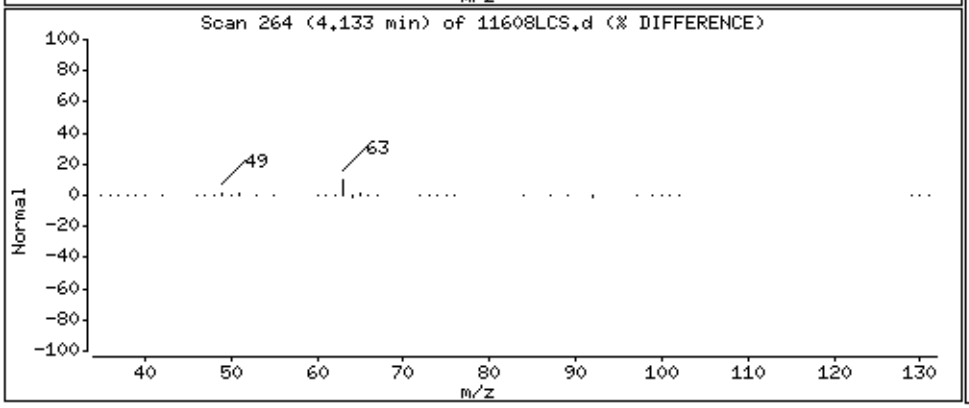












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Date : 20-NOV-2012 18:42

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Instrument: smsd04.i

Sample Info: SW154211LCS

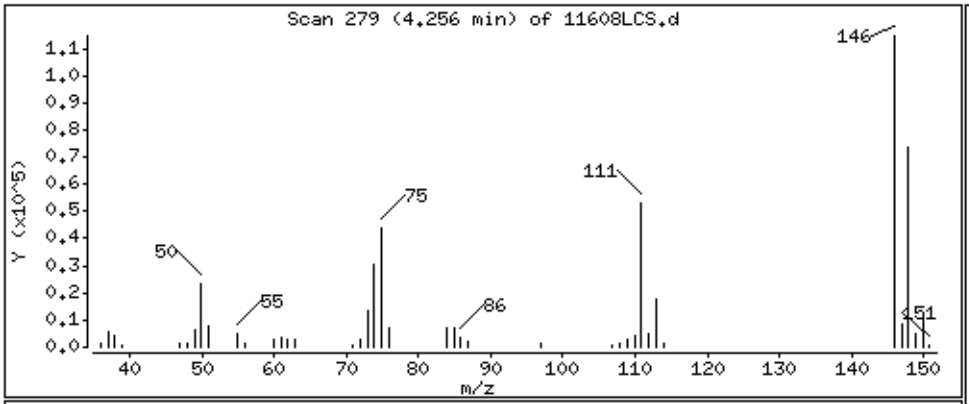
Operator: MJ

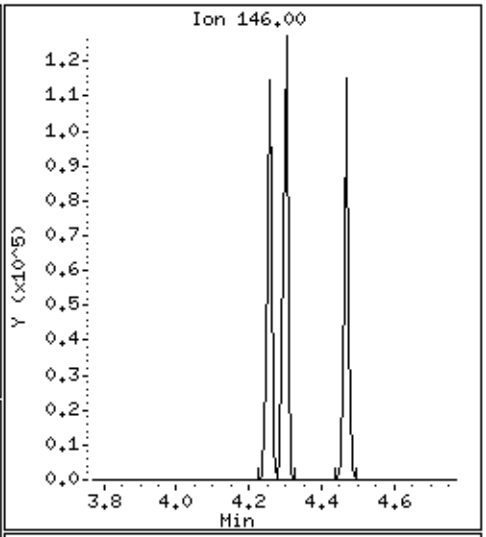
Column phase: HPMS-5

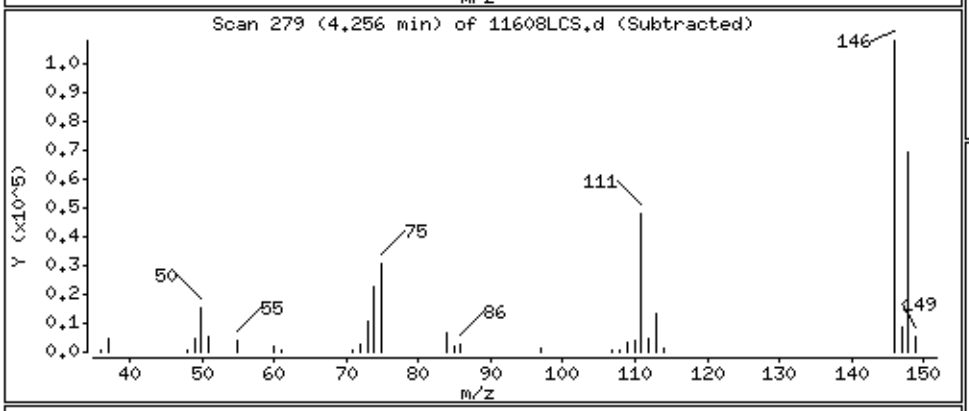
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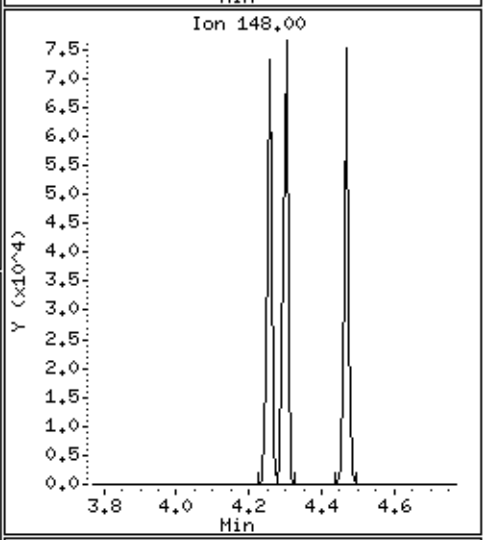
17 1,3-Dichlorobenzene

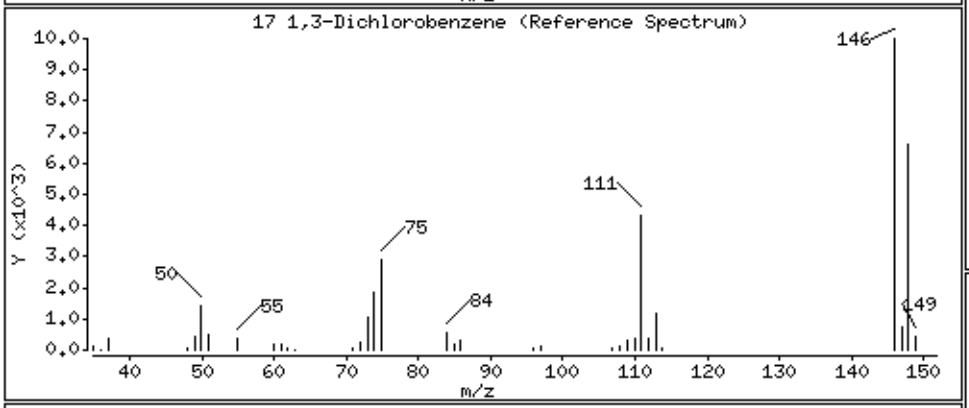
Concentration: 1640 ug/kg

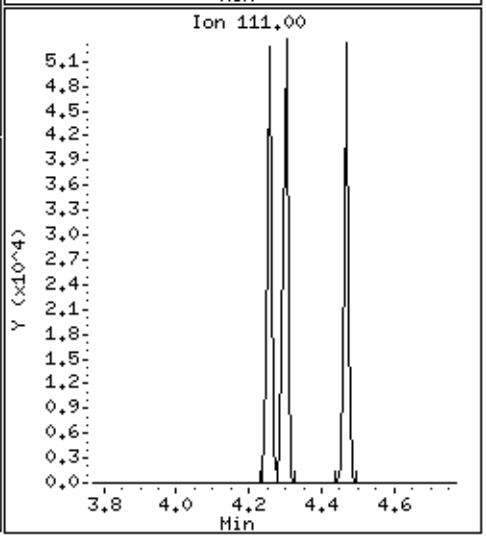


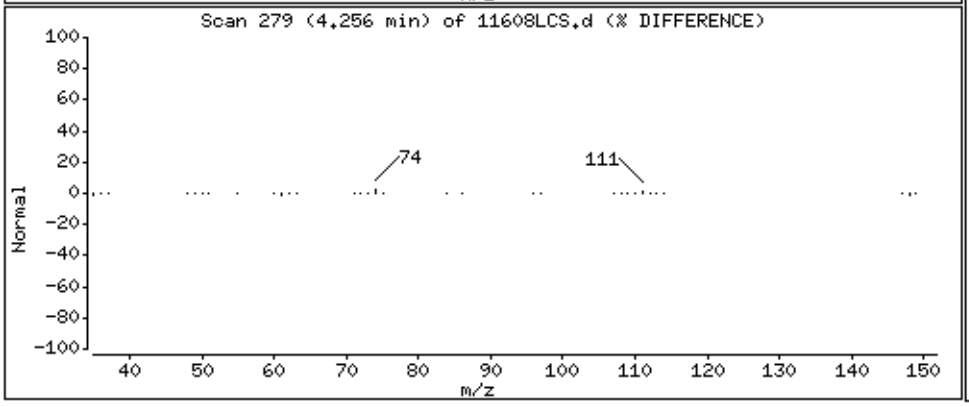












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Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

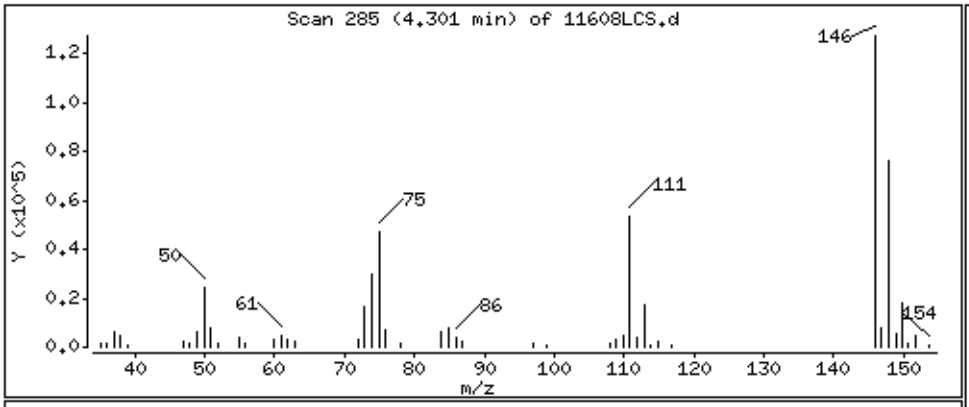
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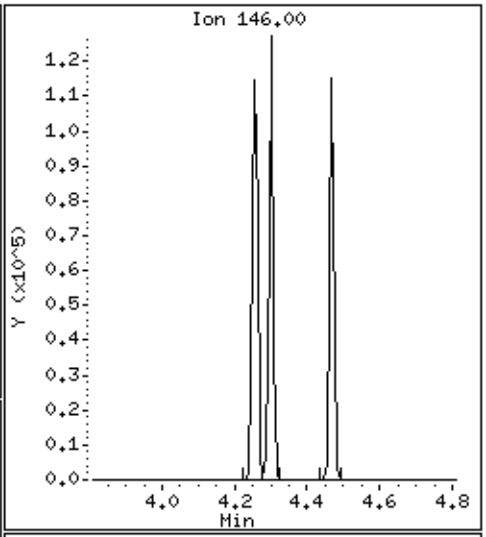
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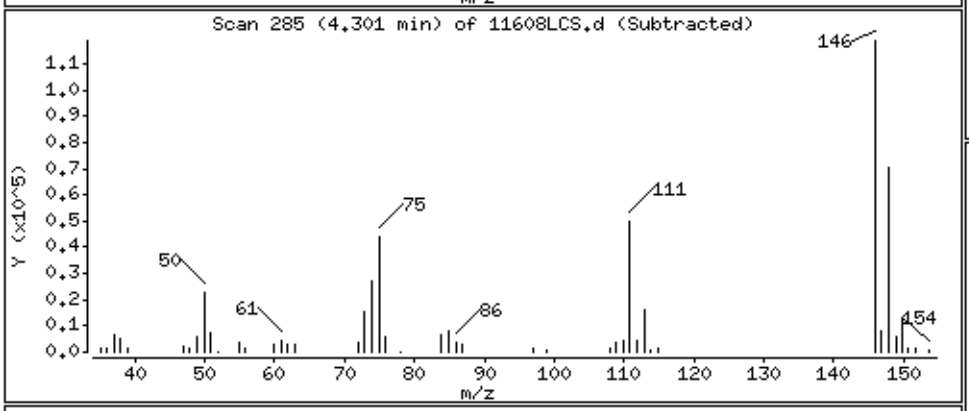
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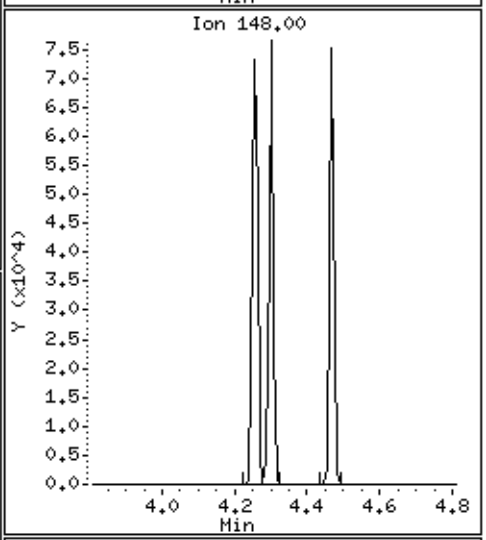
19 1,4-Dichlorobenzene

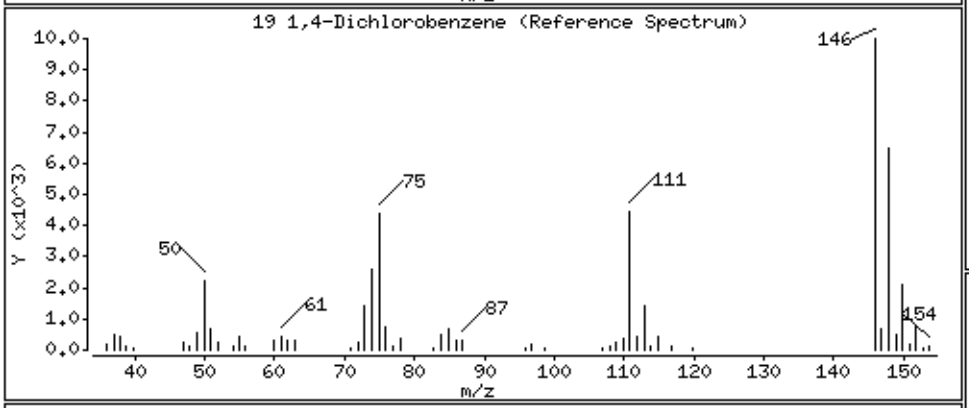
Concentration: 1640 ug/kg

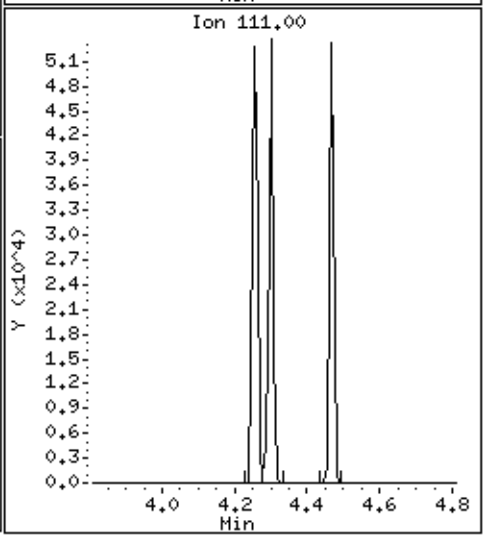


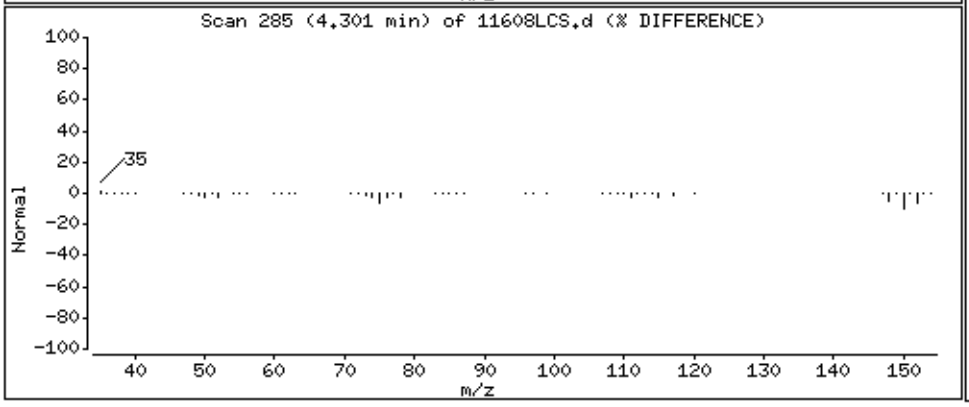












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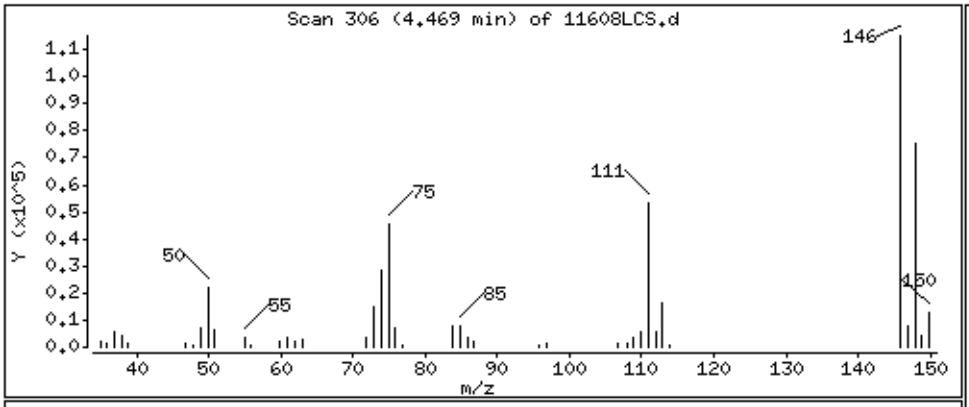
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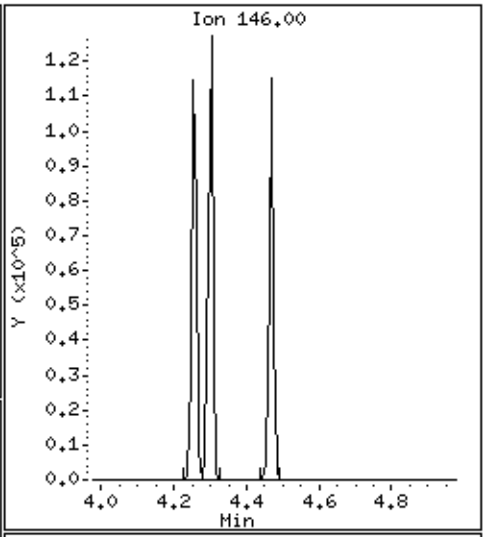
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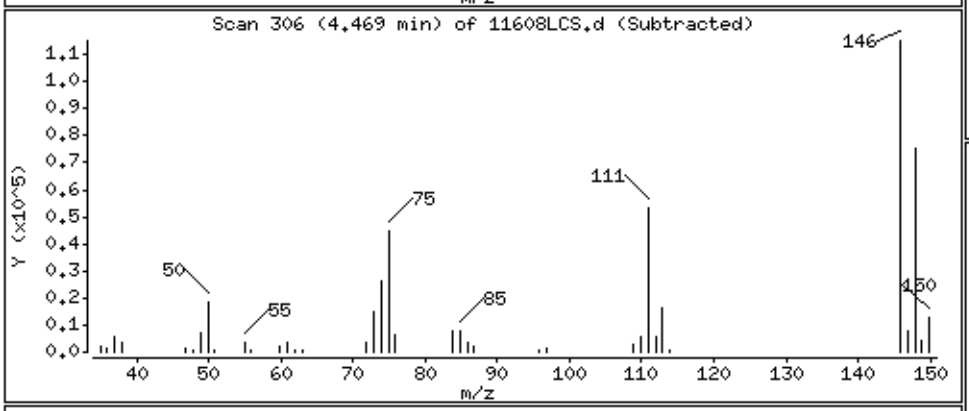
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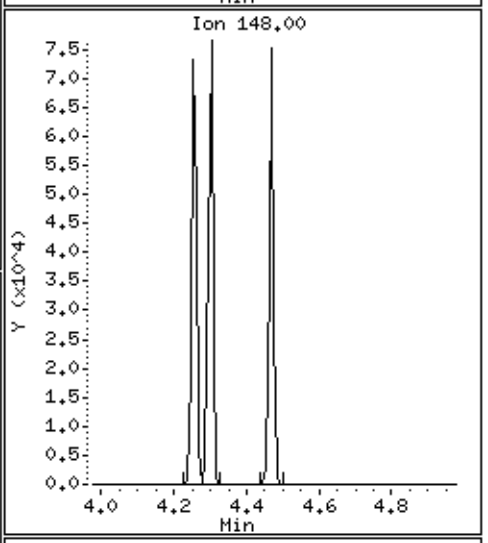
20 1,2-Dichlorobenzene

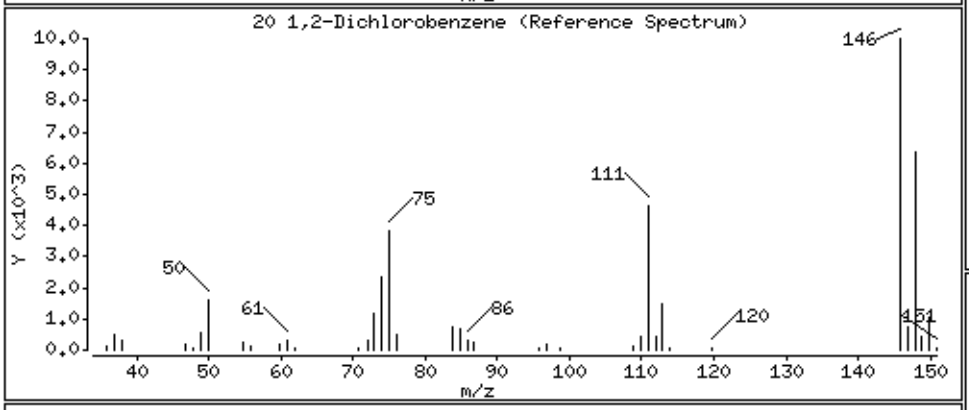
Concentration: 1640 ug/kg

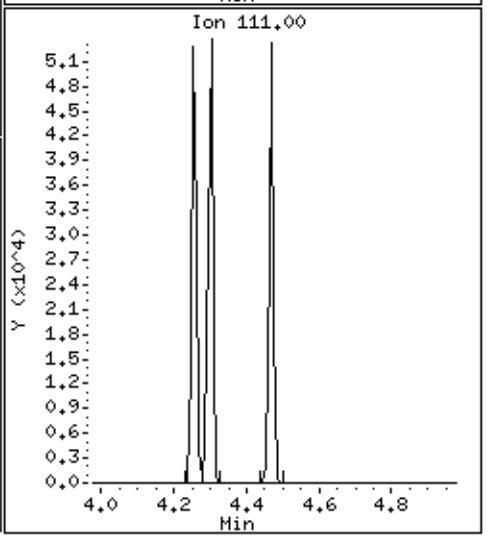


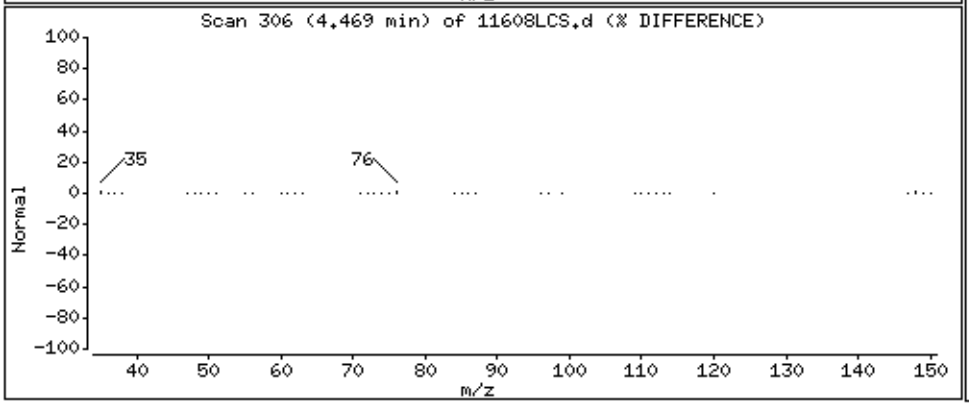












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Client ID: 154211LCS

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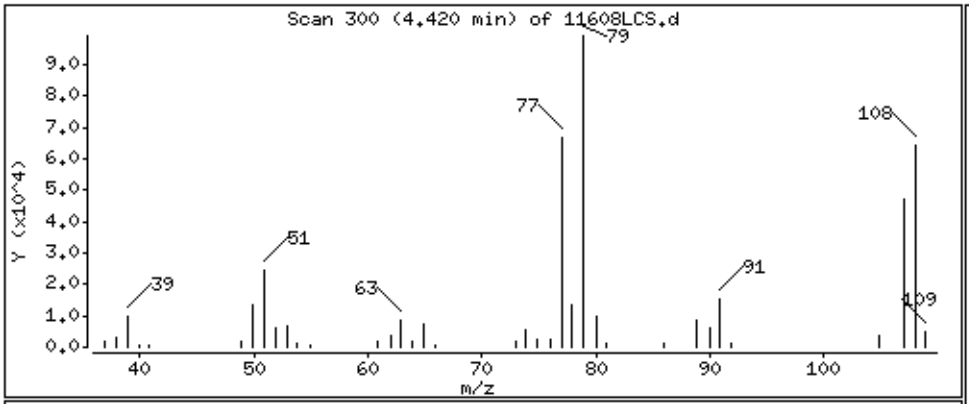
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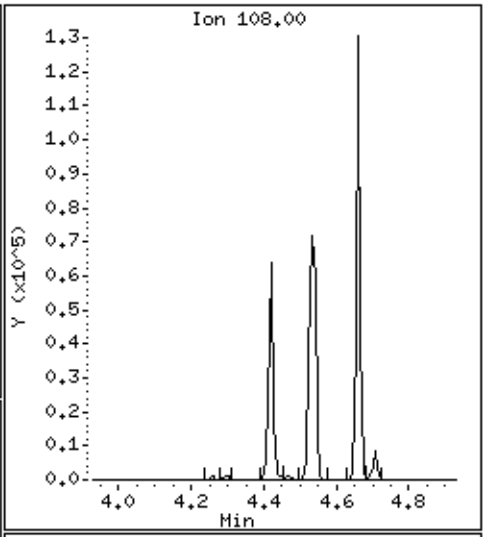
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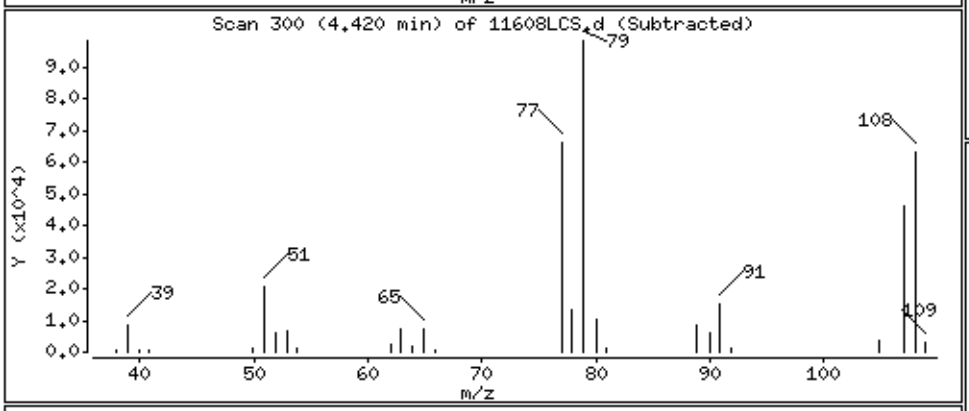
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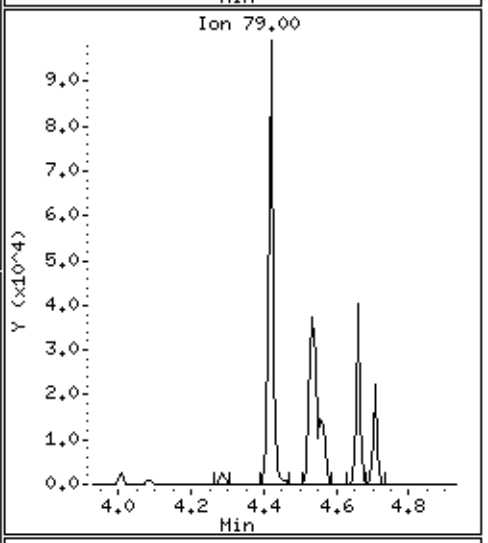
21 Benzyl alcohol

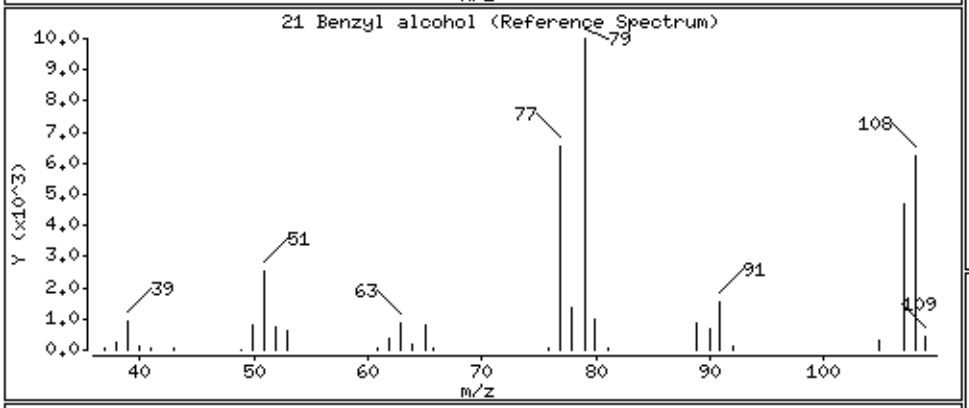
Concentration: 1730 ug/kg

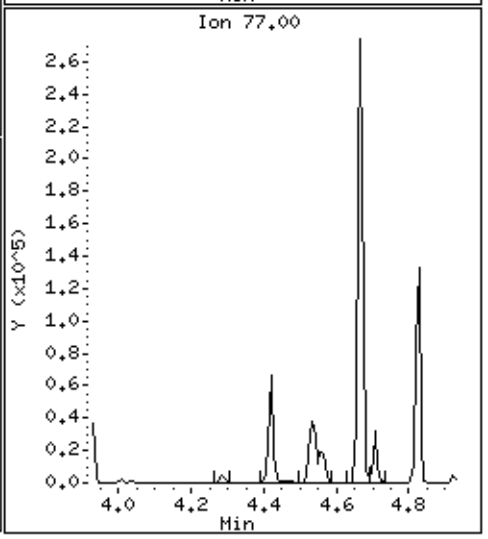


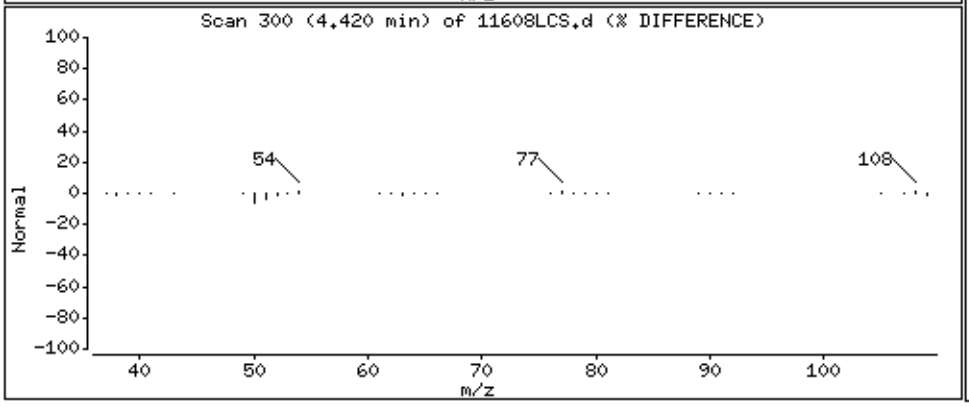












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Client ID: 154211LCS

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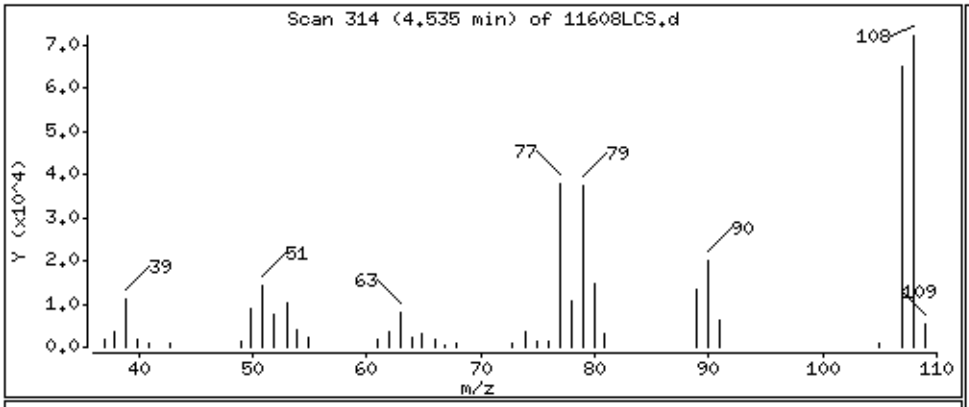
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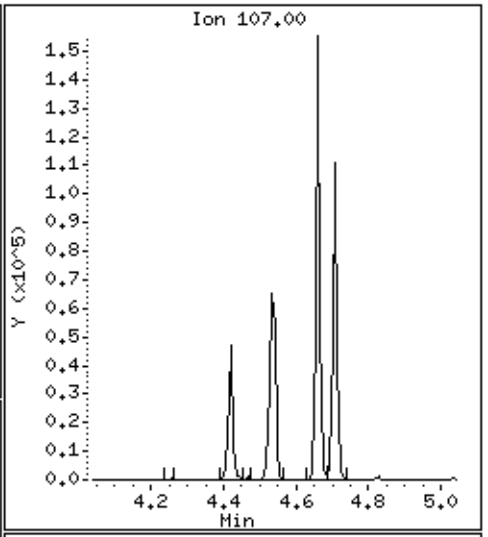
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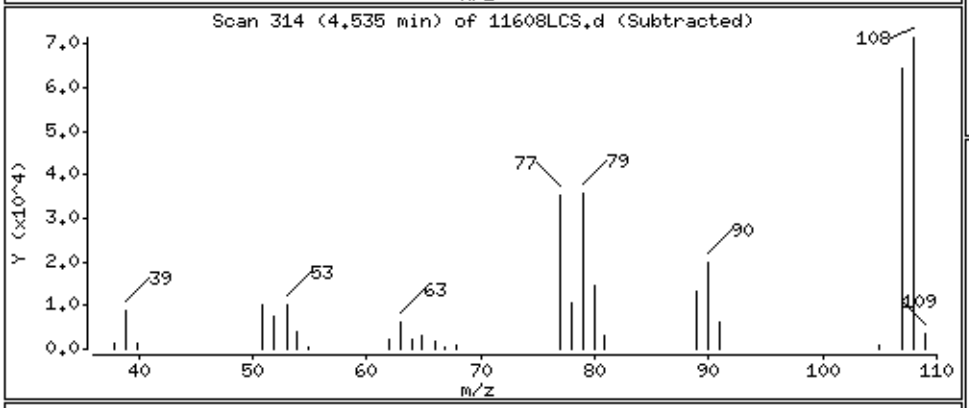
Column diameter: 0.25

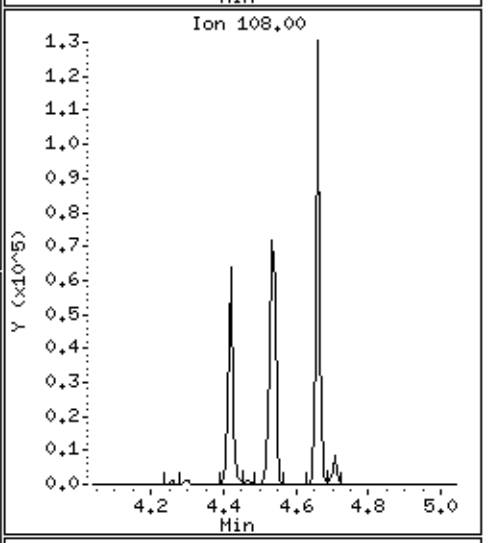
22 2-Methylphenol

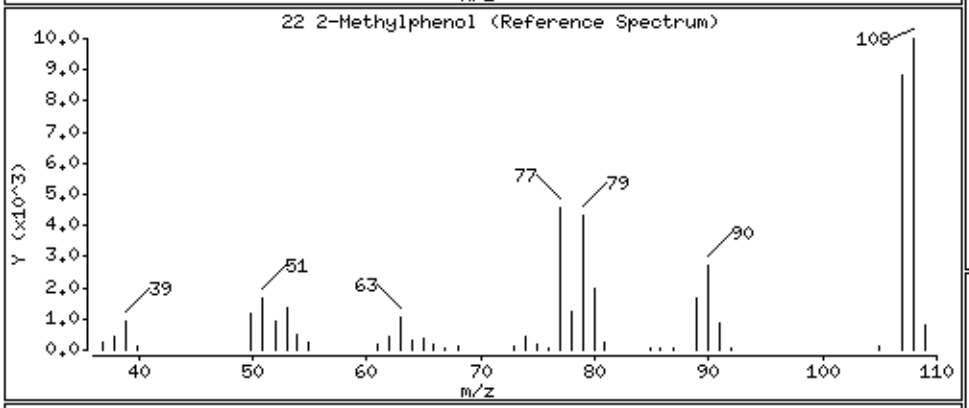
Concentration: 1760 ug/kg

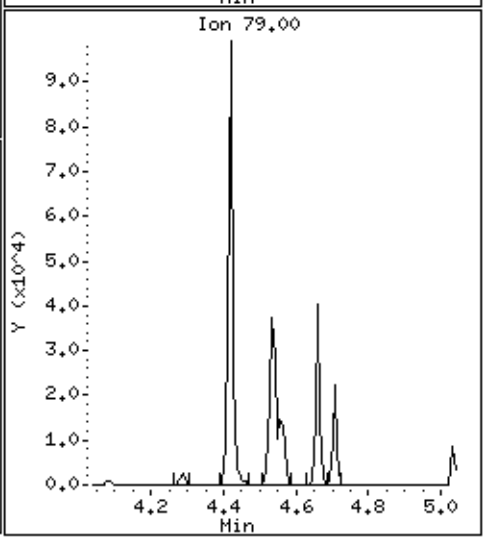


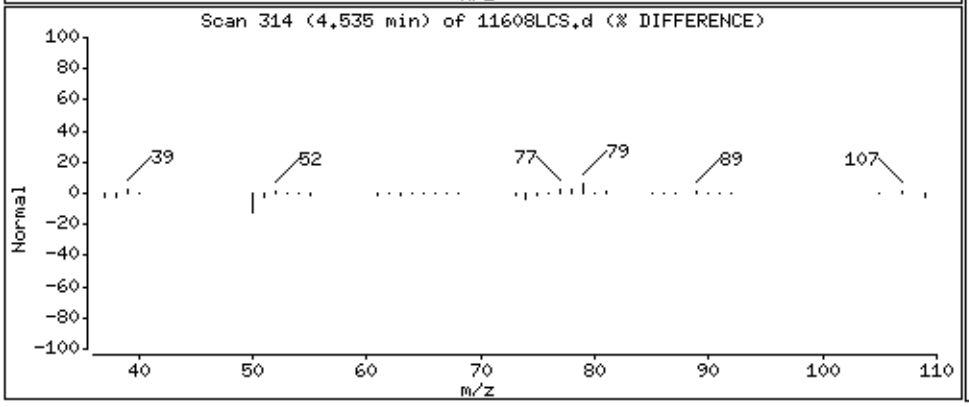












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

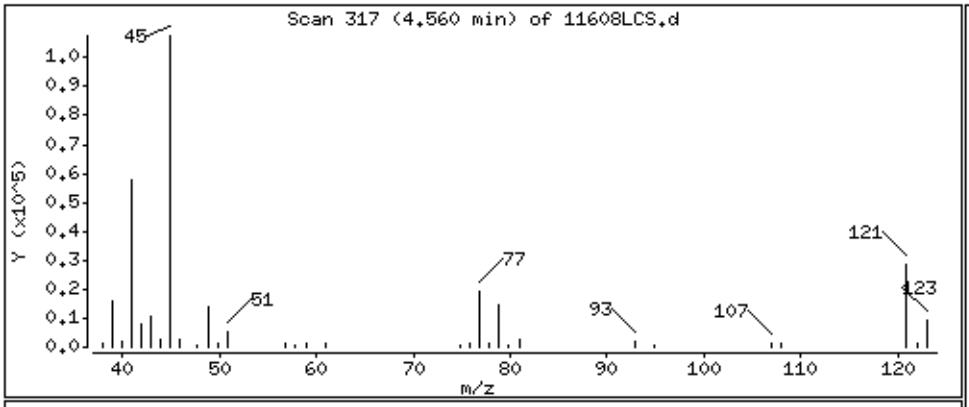
Operator: MJ

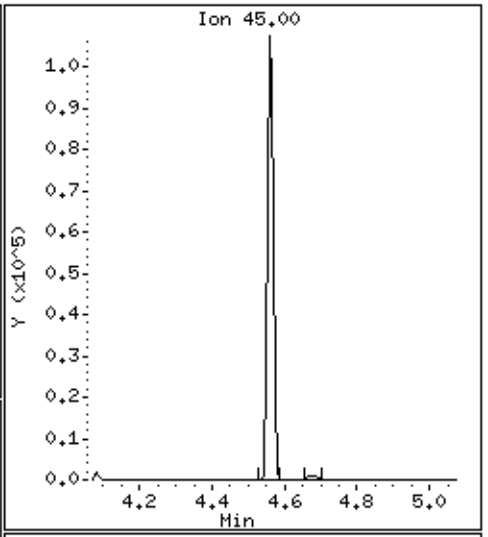
Column phase: HPMS-5

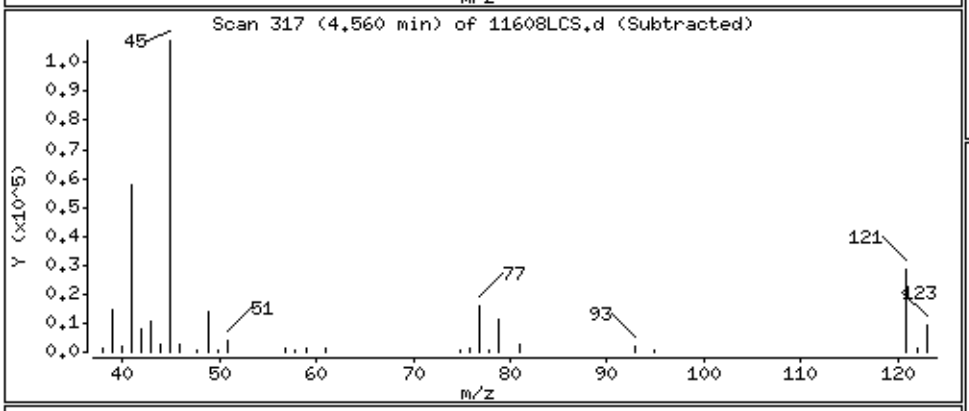
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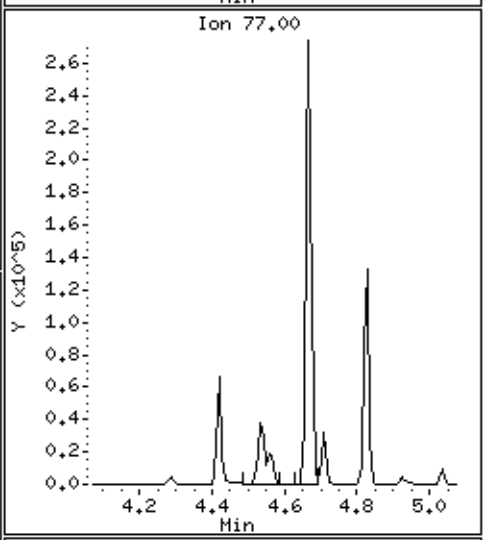
23 2,2'-oxybis(1-chloropropane)

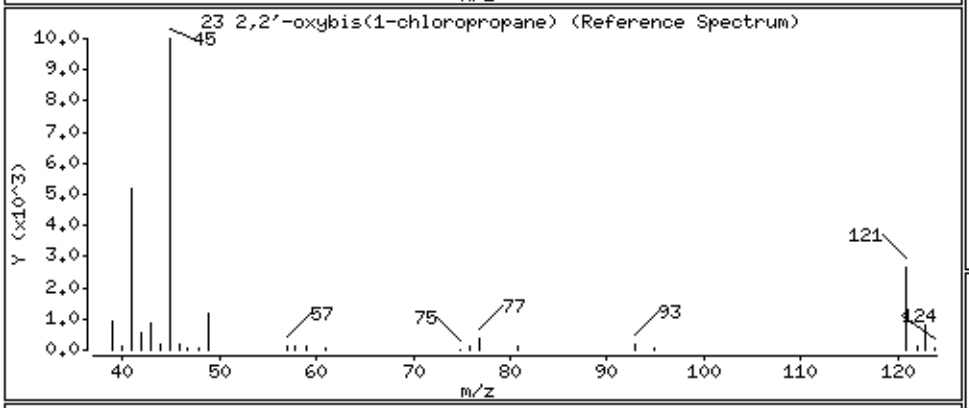
Concentration: 1660 ug/kg

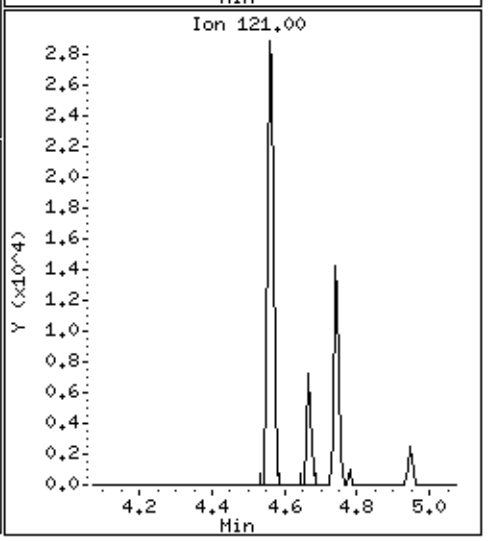


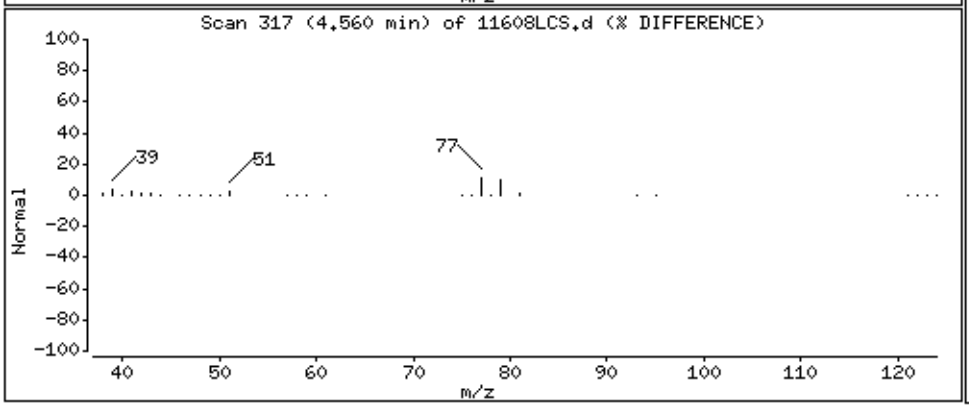












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

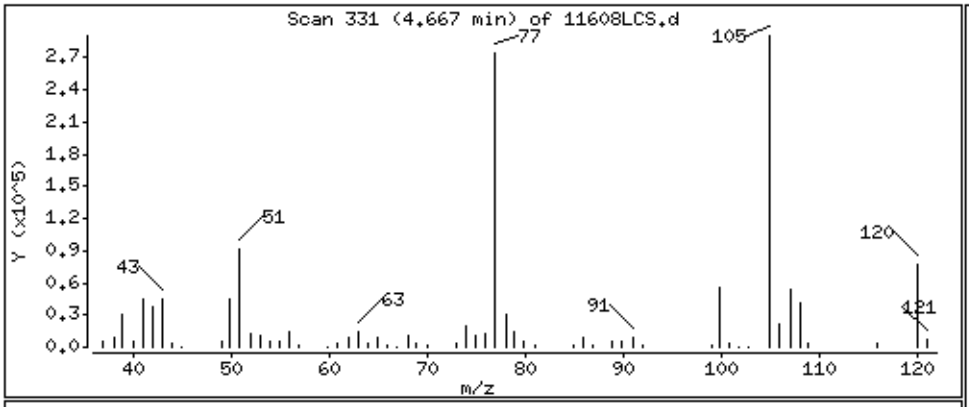
Operator: MJ

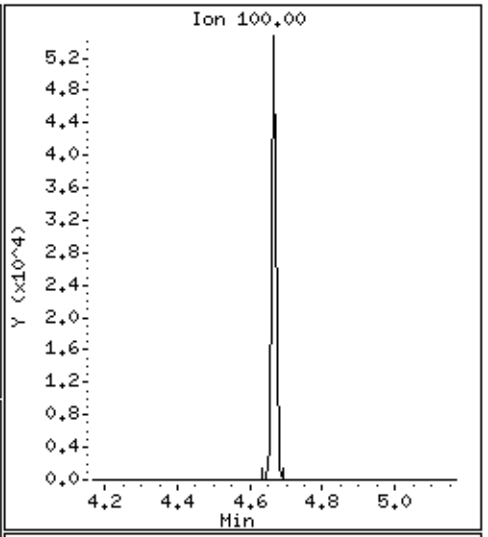
Column phase: HPMS-5

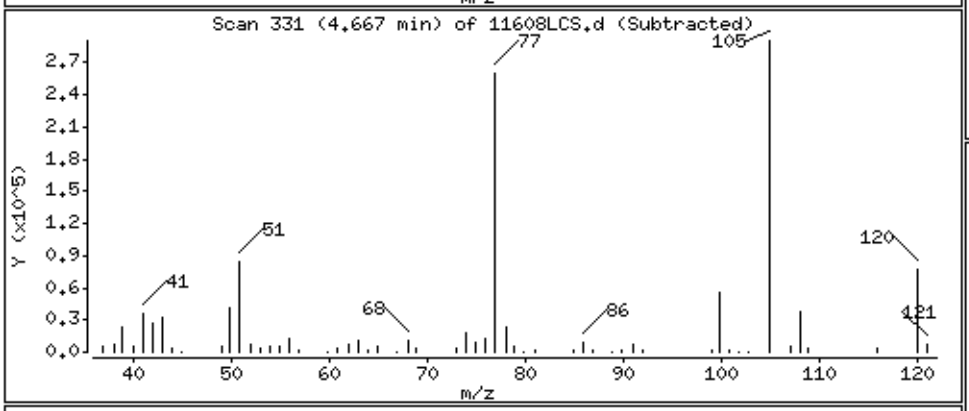
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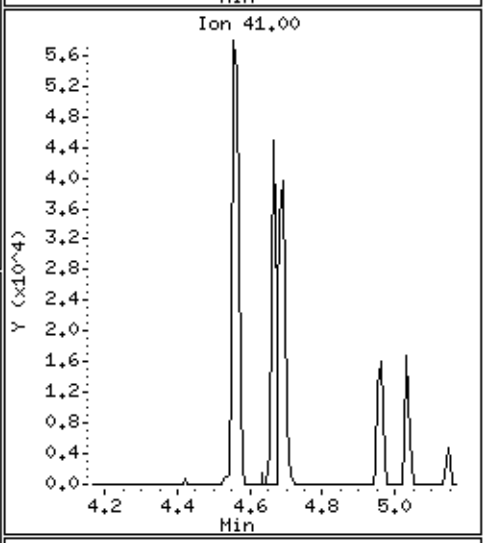
24 N-Nitrosopyrrolidine

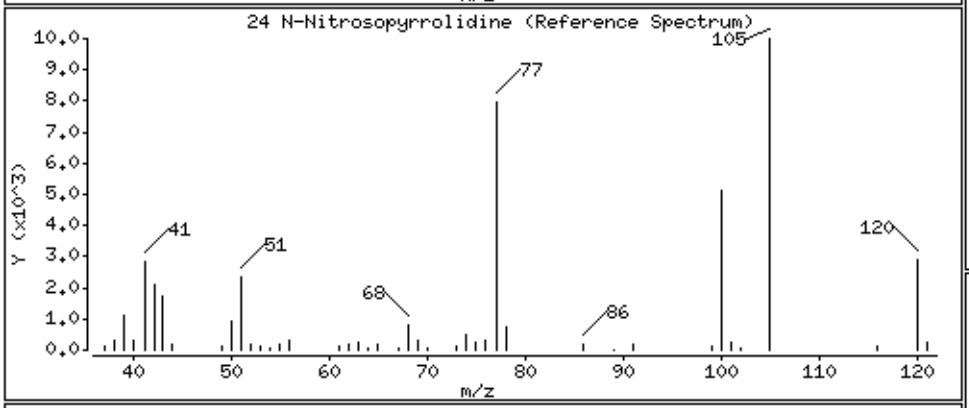
Concentration: 1570 ug/kg

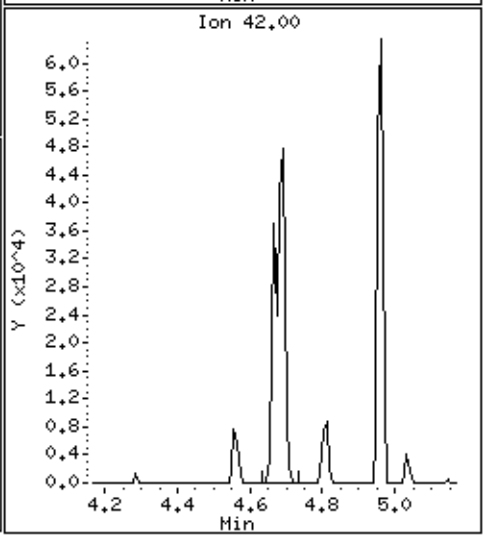


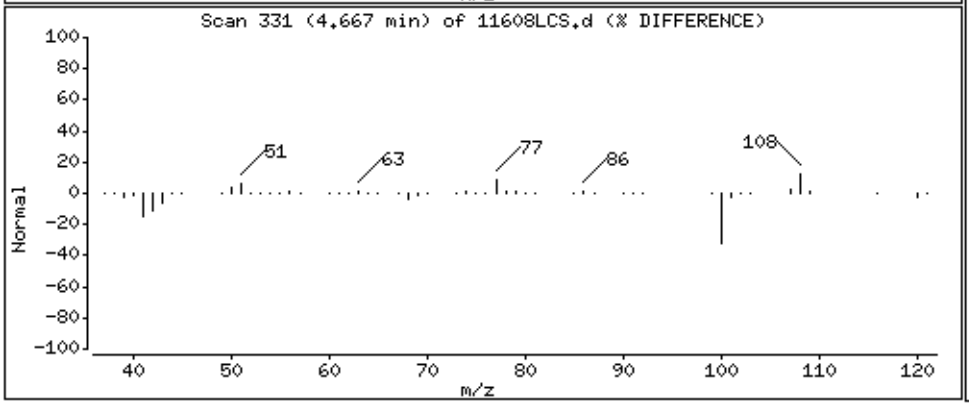












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Instrument: smsd04.i

Sample Info: SW154211LCS

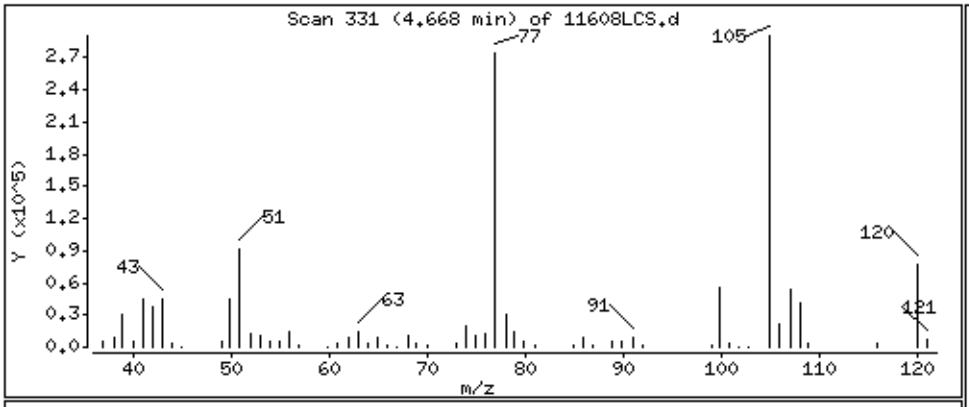
Operator: MJ

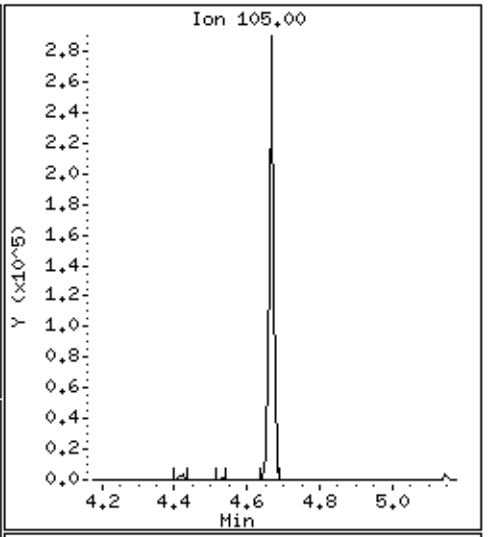
Column phase: HPMS-5

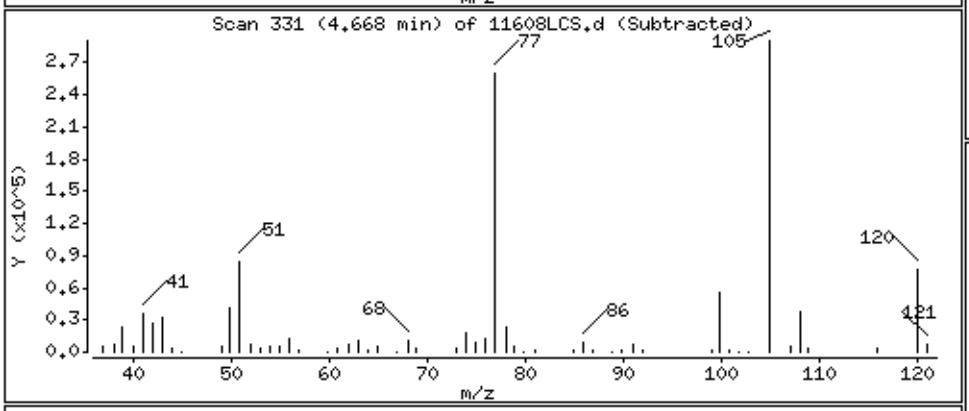
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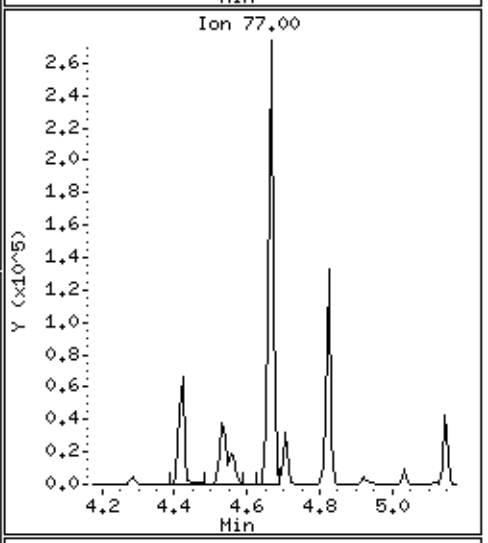
25 Acetophenone

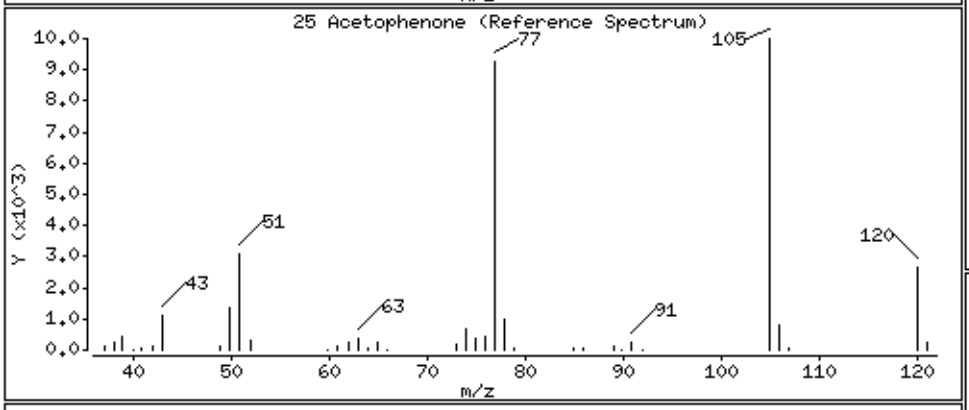
Concentration: 3150 ug/kg

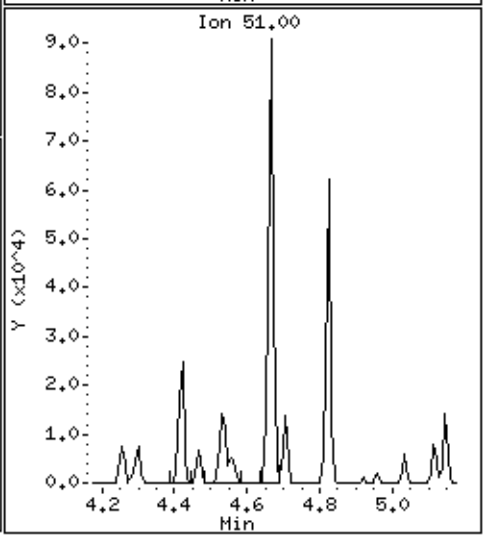


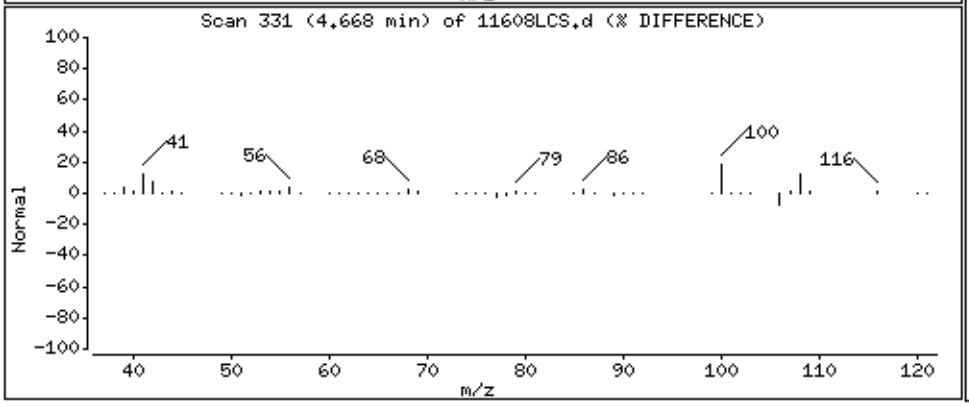












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

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Sample Info: SW154211LCS

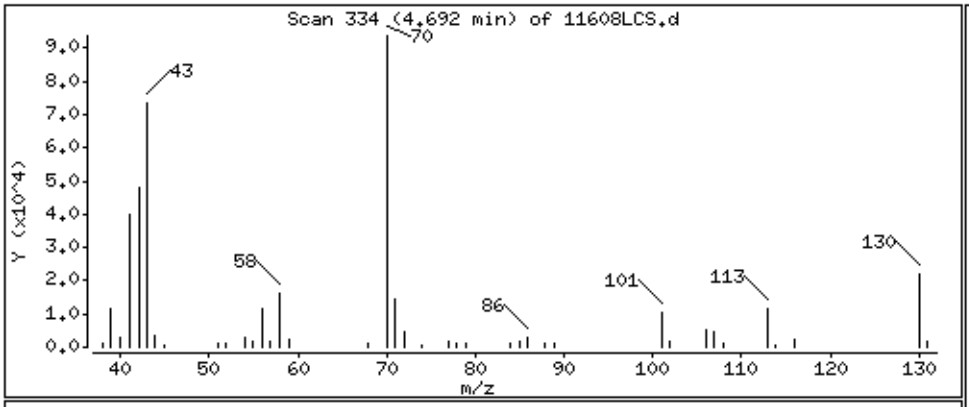
Operator: MJ

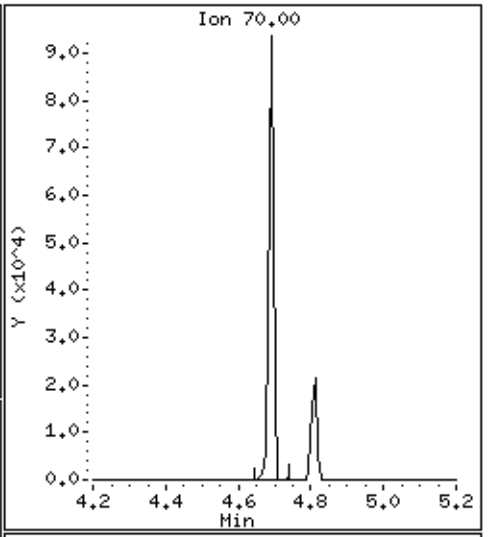
Column phase: HPMS-5

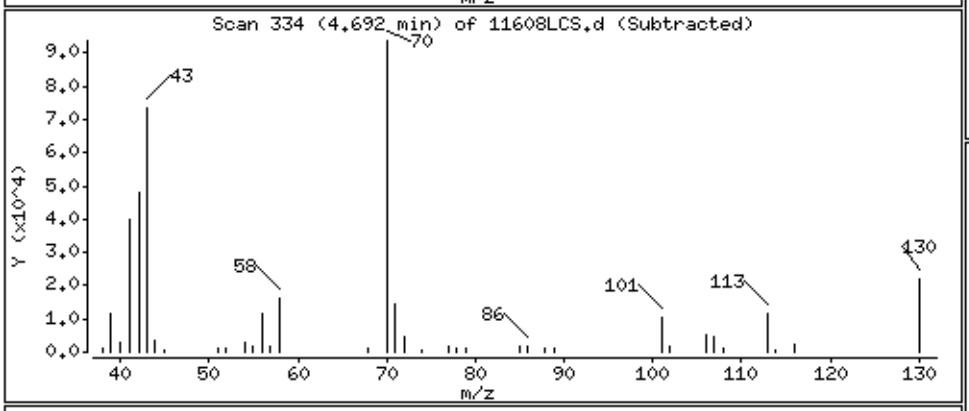
Column diameter: 0.25

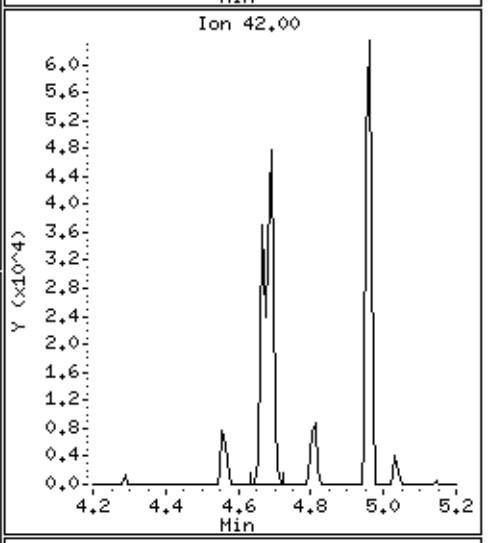
26 N-Nitrosodinpropylamine

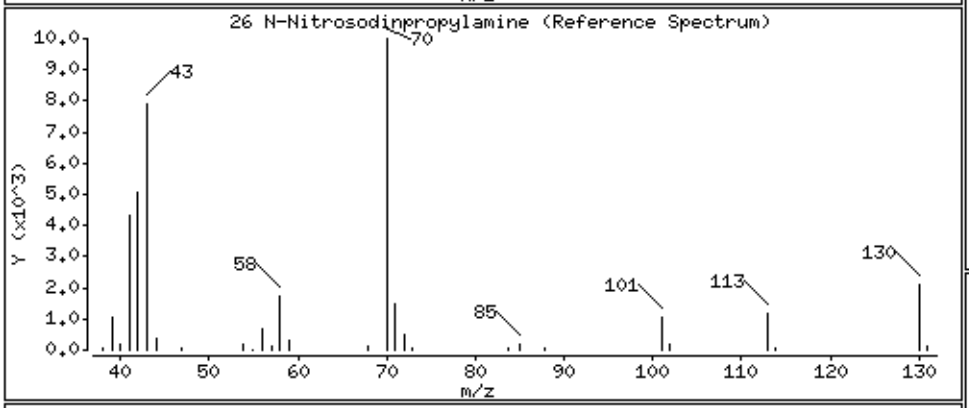
Concentration: 1810 ug/kg

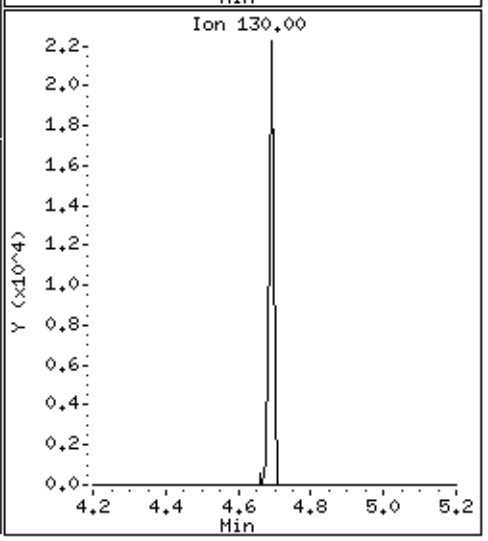


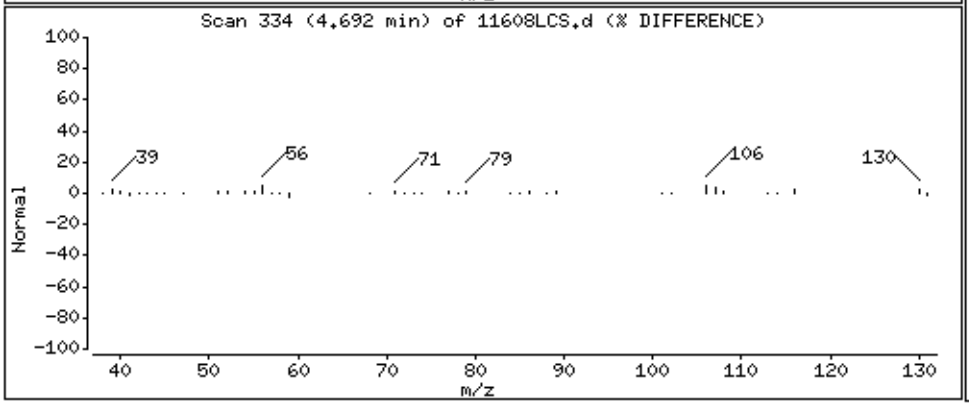












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Sample Info: SW154211LCS

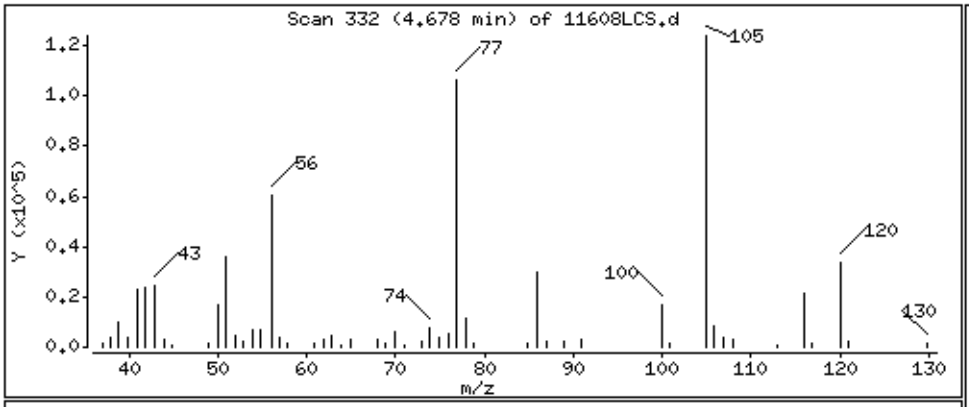
Operator: MJ

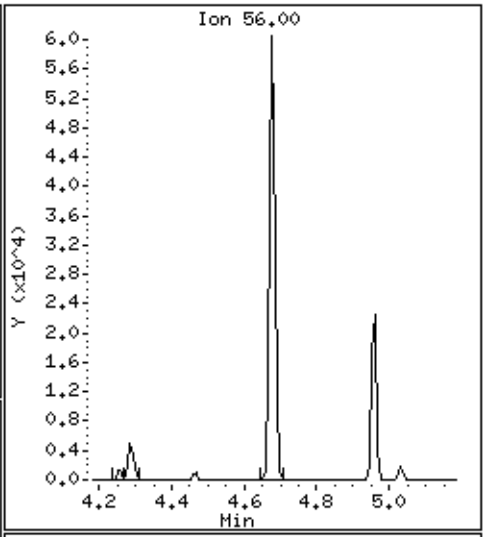
Column phase: HPMS-5

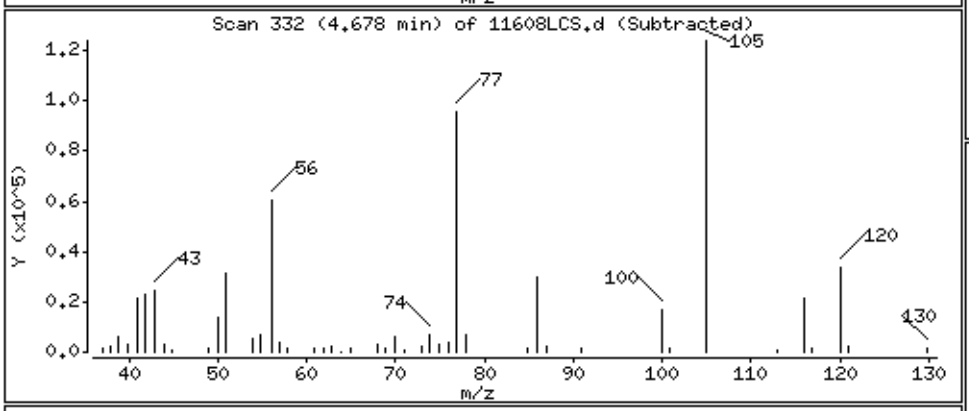
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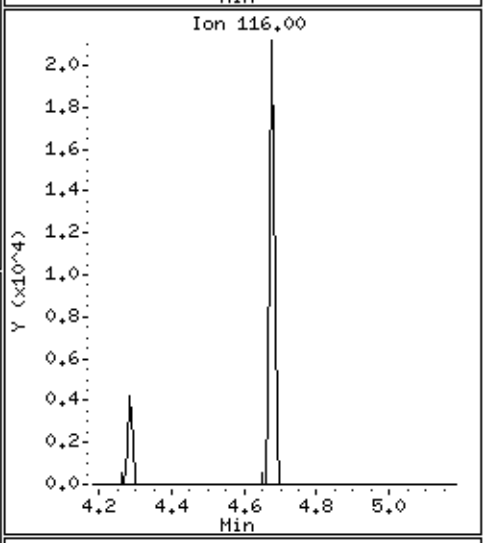
27 N-Nitrosomorpholine

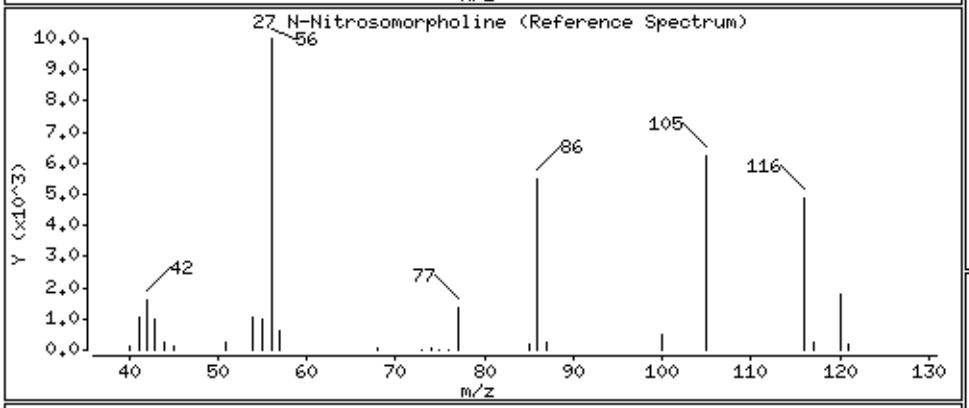
Concentration: 1600 ug/kg

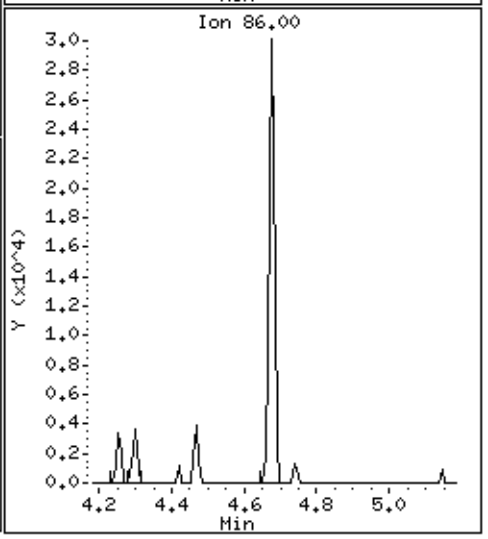


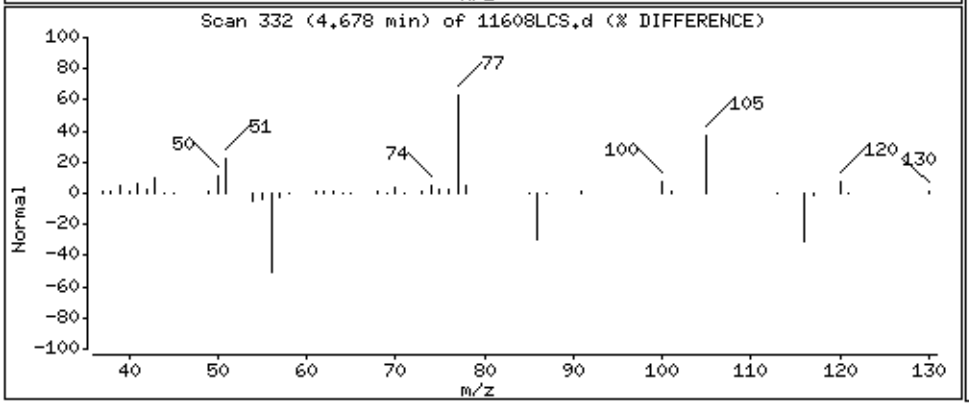












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Sample Info: SW154211LCS

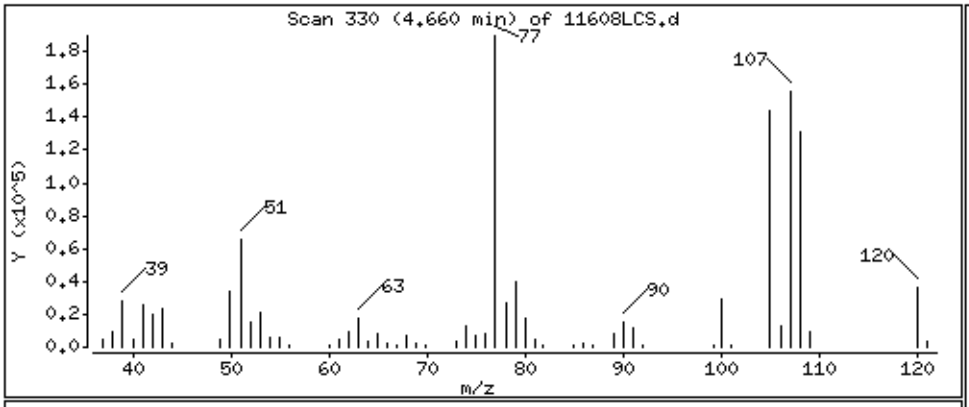
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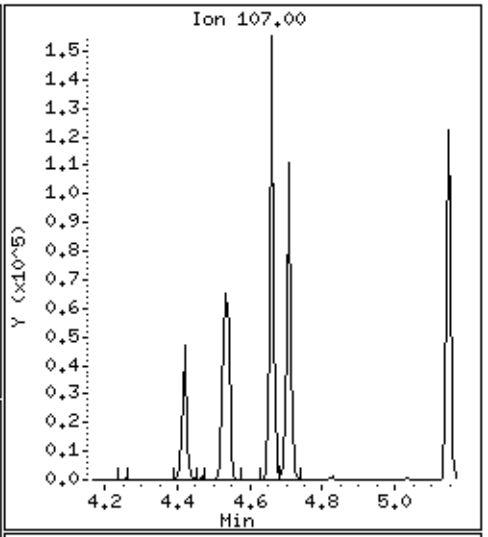
Column phase: HPMS-5

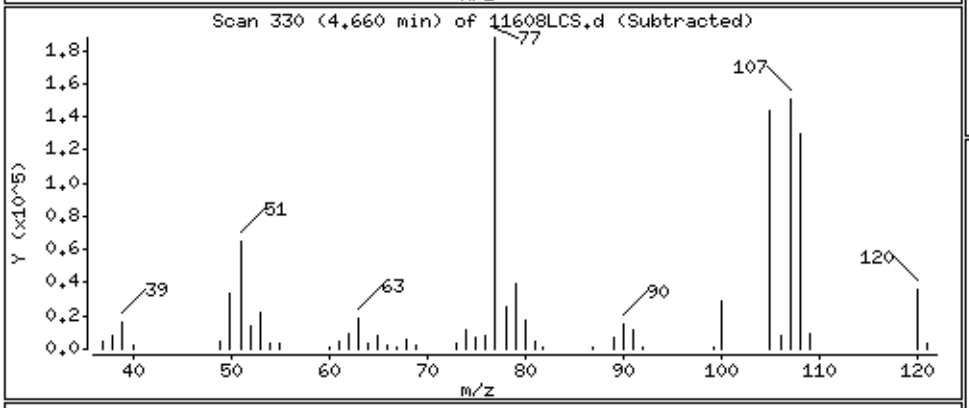
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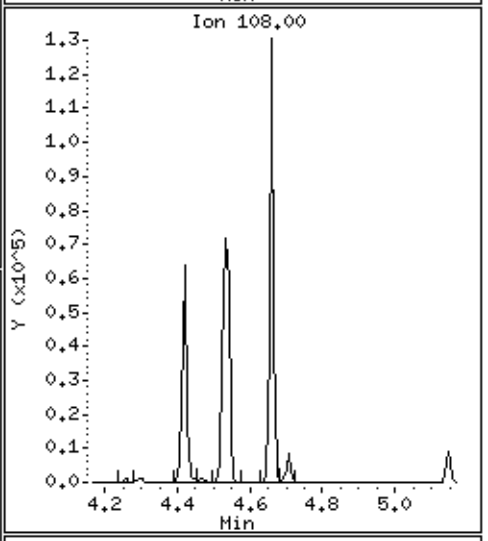
28 4-Methylphenol

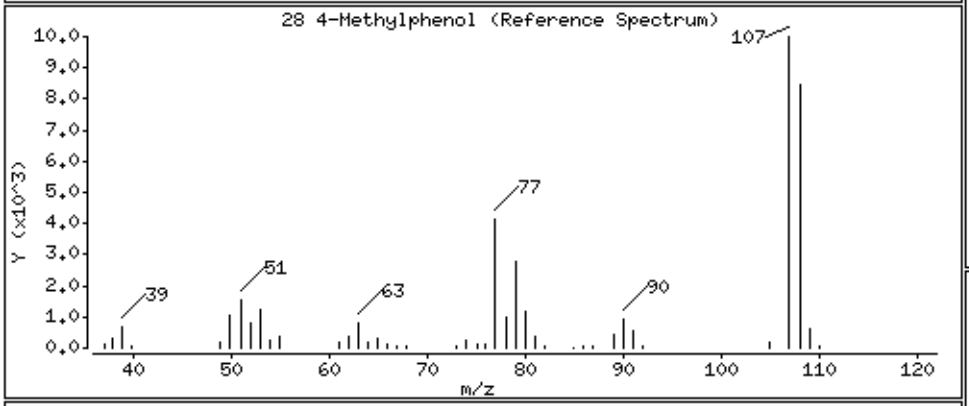
Concentration: 1850 ug/kg

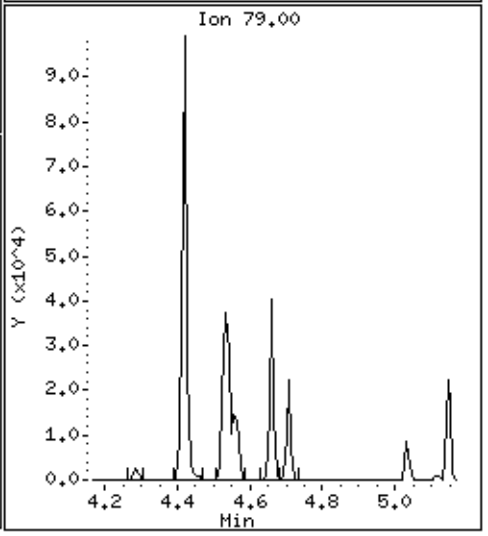


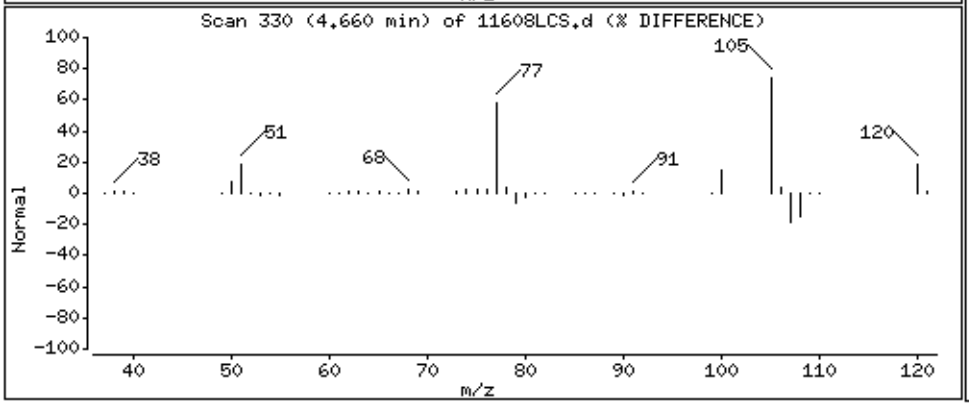












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Sample Info: SW154211LCS

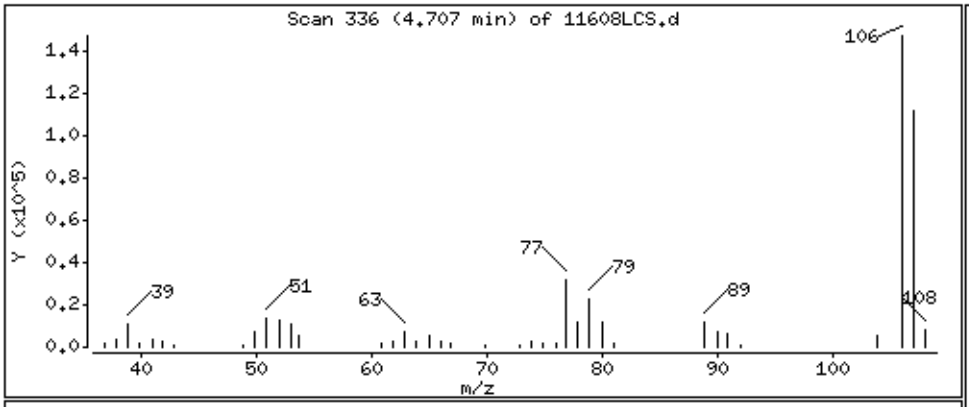
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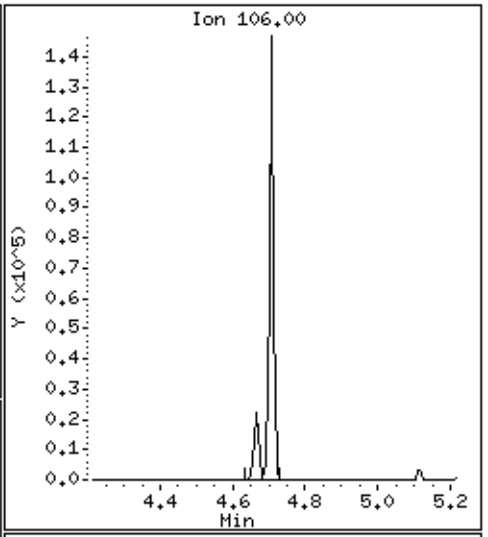
Column phase: HPMS-5

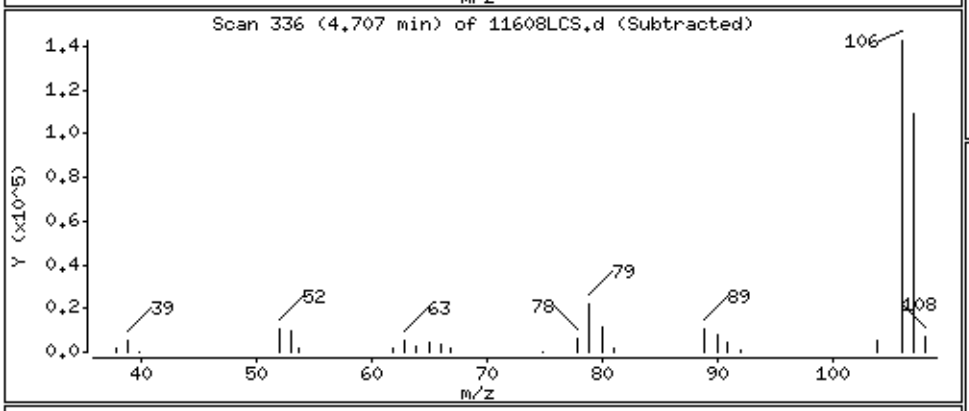
Column diameter: 0.25

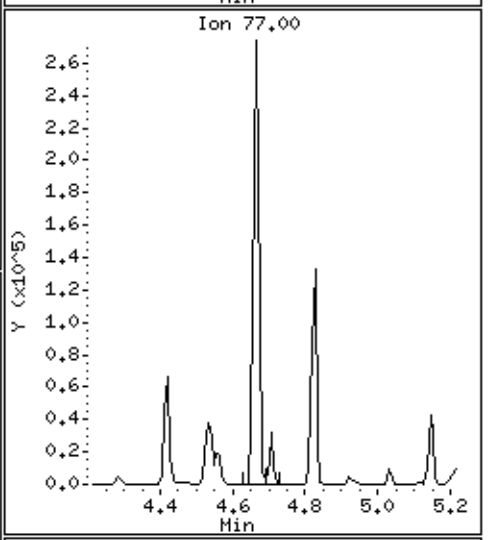
29 o-Toluidine

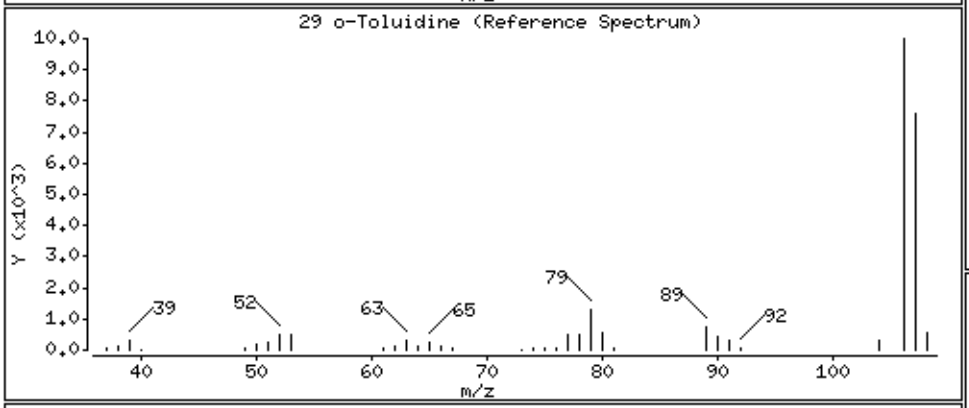
Concentration: 1370 ug/kg

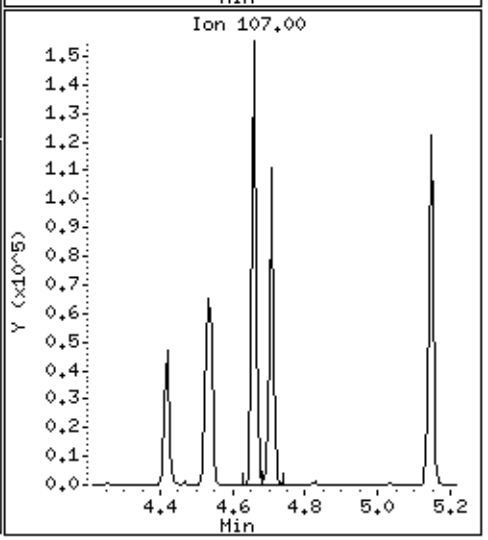


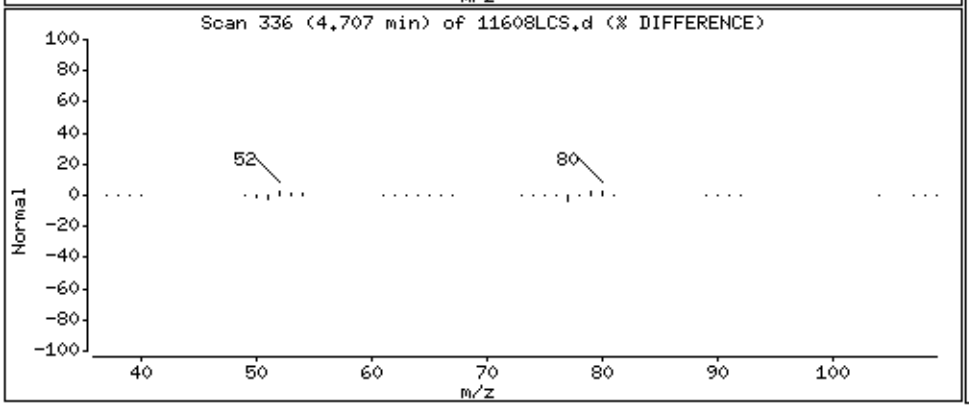












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

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Instrument: smsd04.i

Sample Info: SW154211LCS

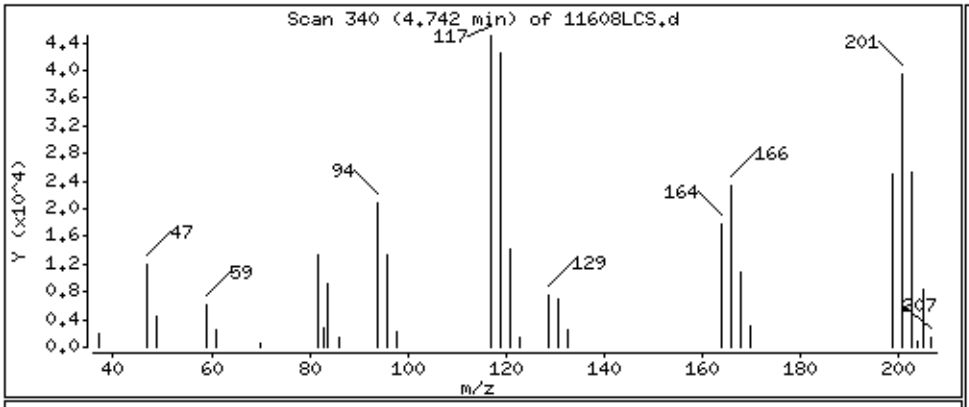
Operator: MJ

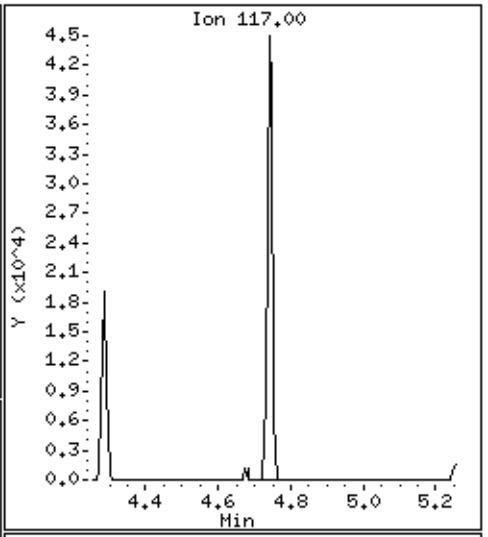
Column phase: HPMS-5

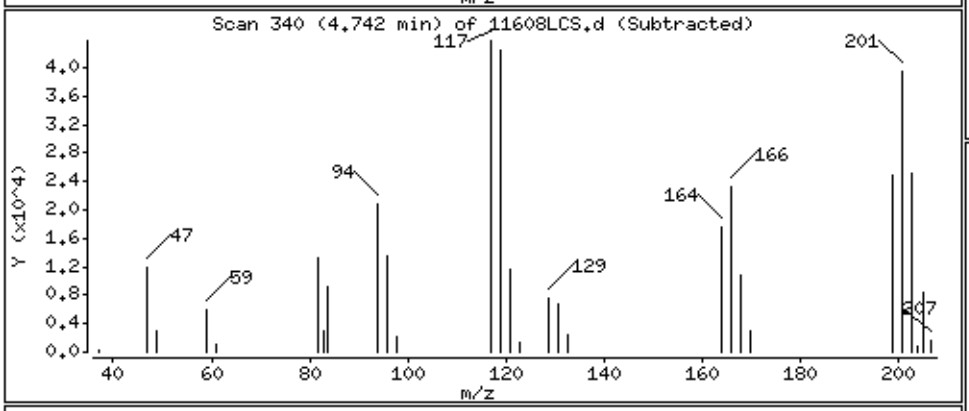
Column diameter: 0.25

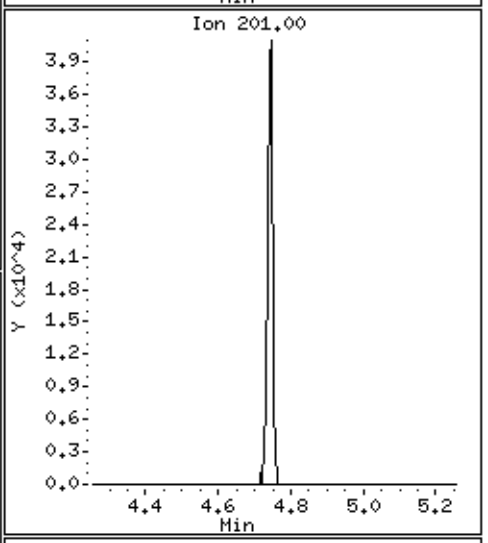
30 Hexachloroethane

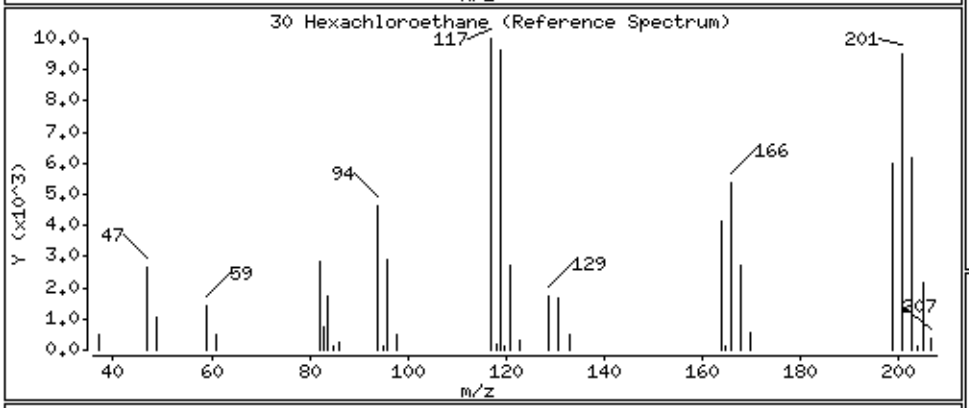
Concentration: 1610 ug/kg

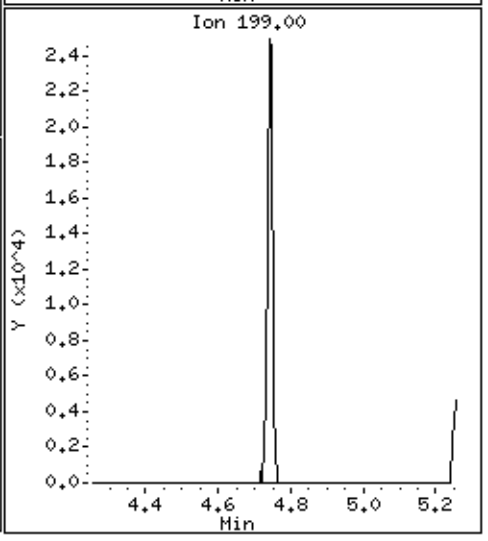


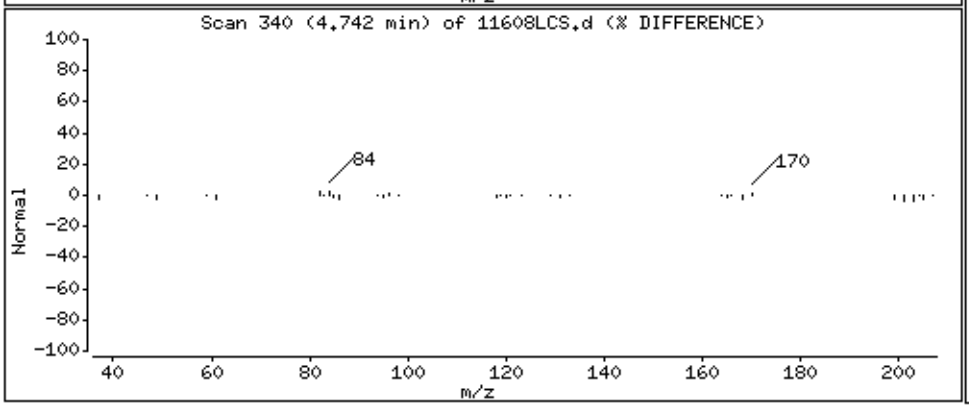












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Instrument: smsd04.i

Sample Info: SW154211LCS

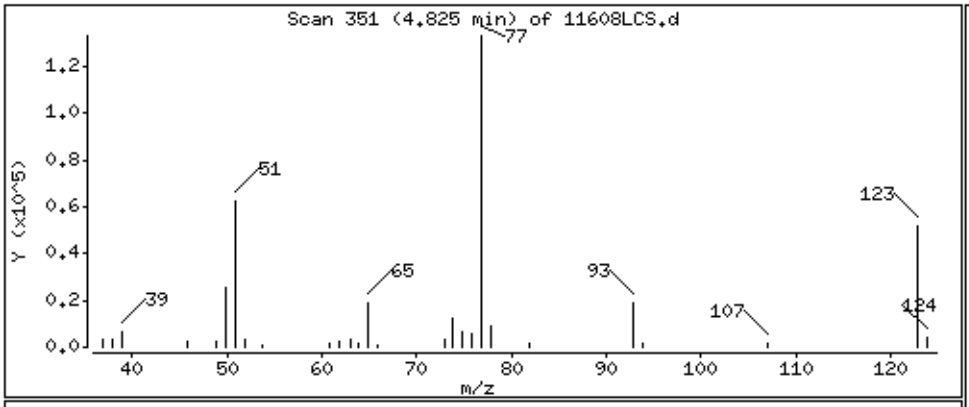
Operator: MJ

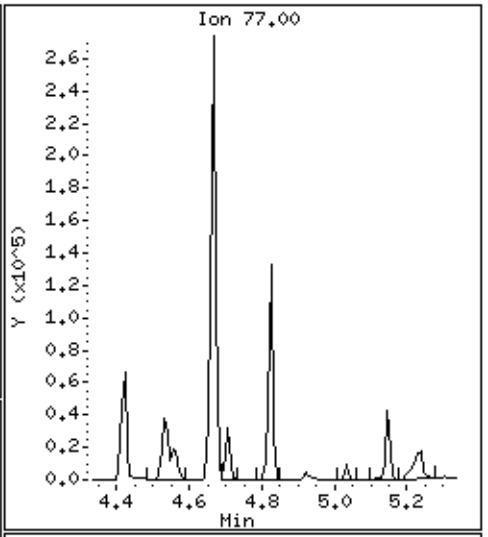
Column phase: HPMS-5

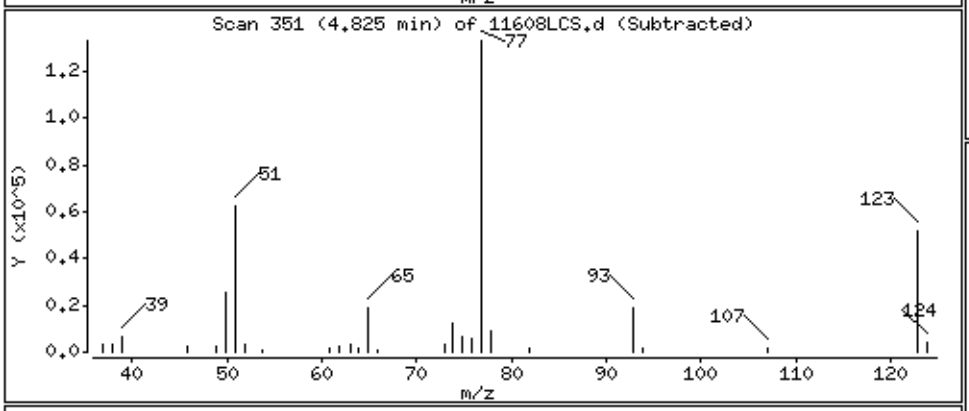
Column diameter: 0.25

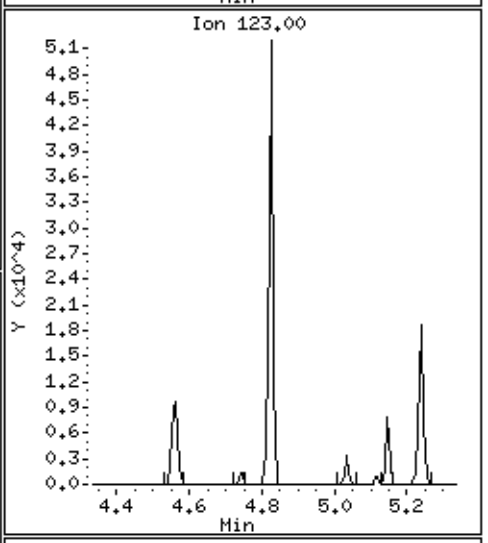
32 Nitrobenzene

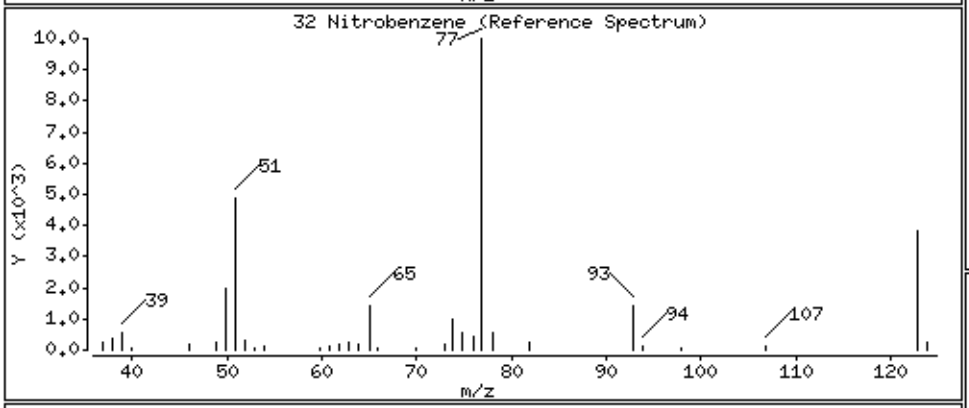
Concentration: 1670 ug/kg

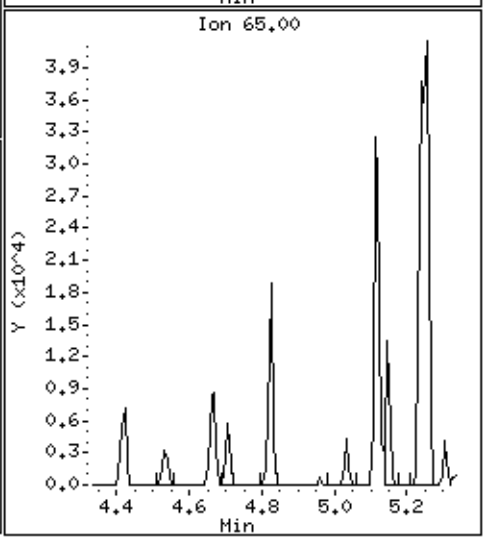


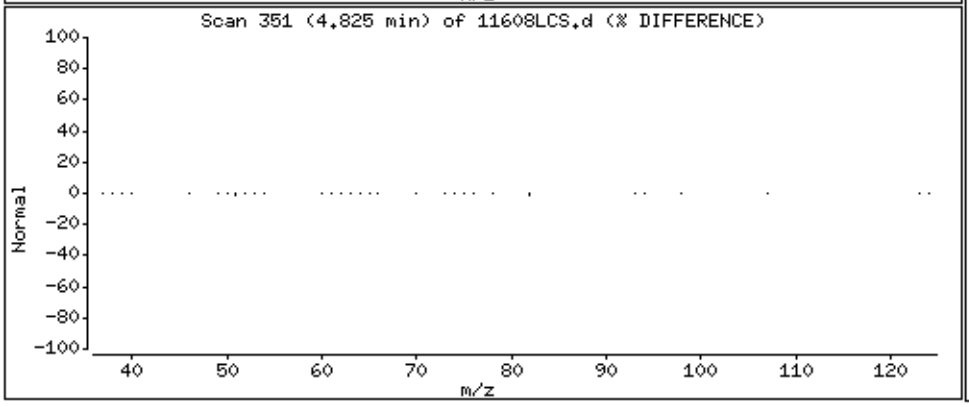












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Sample Info: SW154211LCS

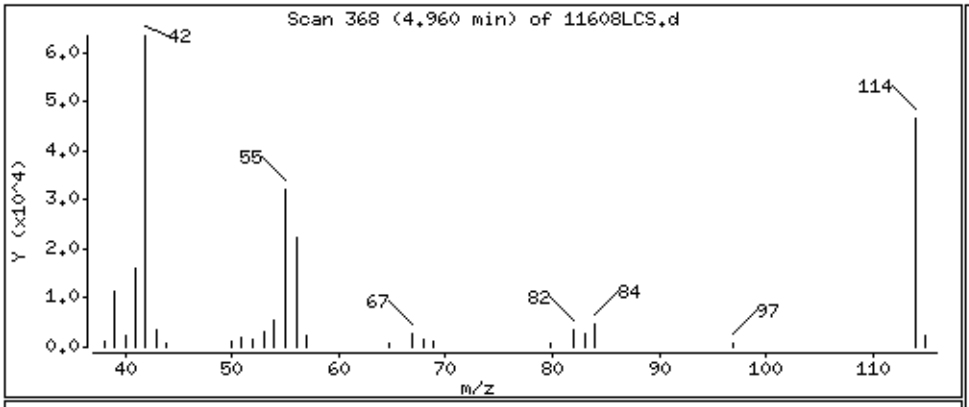
Operator: MJ

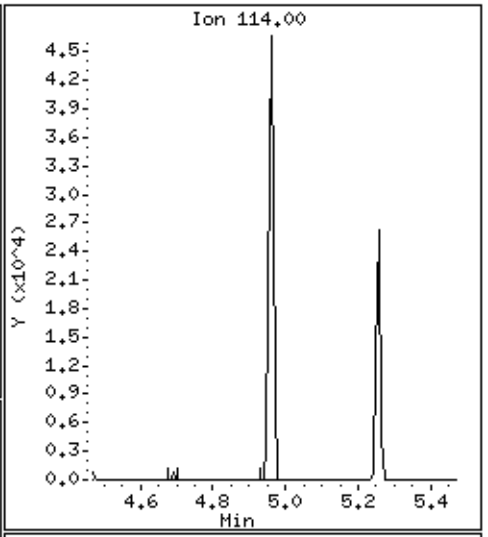
Column phase: HPMS-5

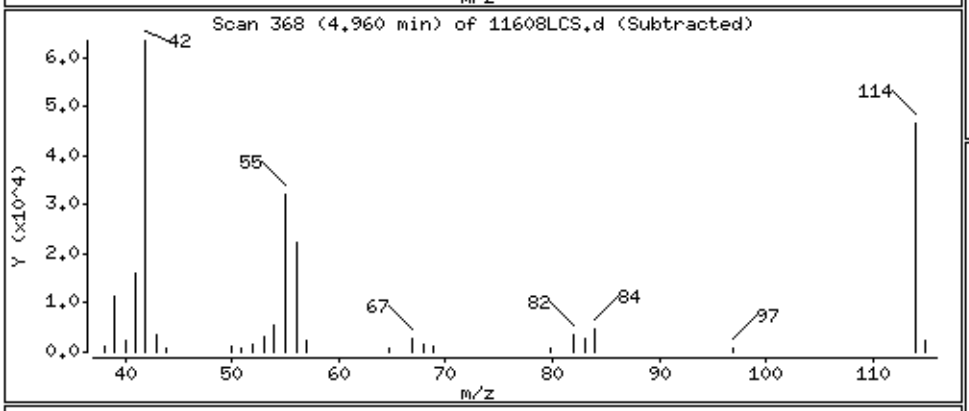
Column diameter: 0.25

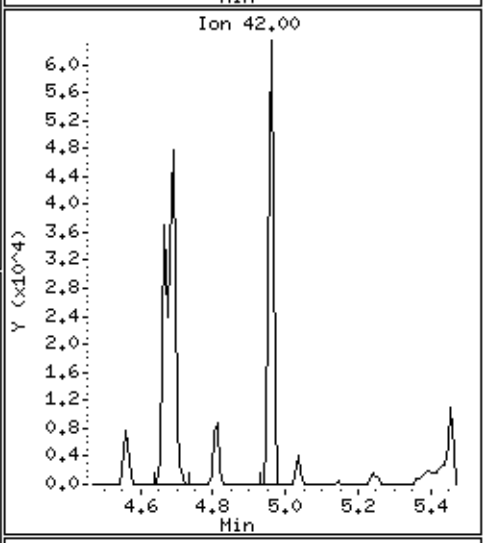
33 N-Nitrosopiperidine

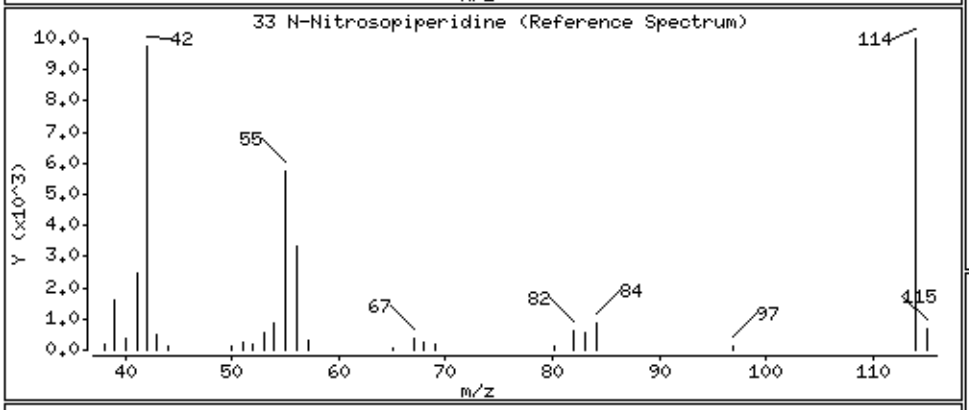
Concentration: 1630 ug/kg

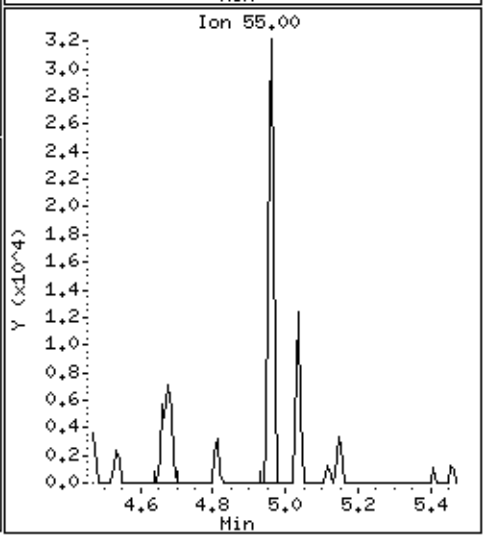


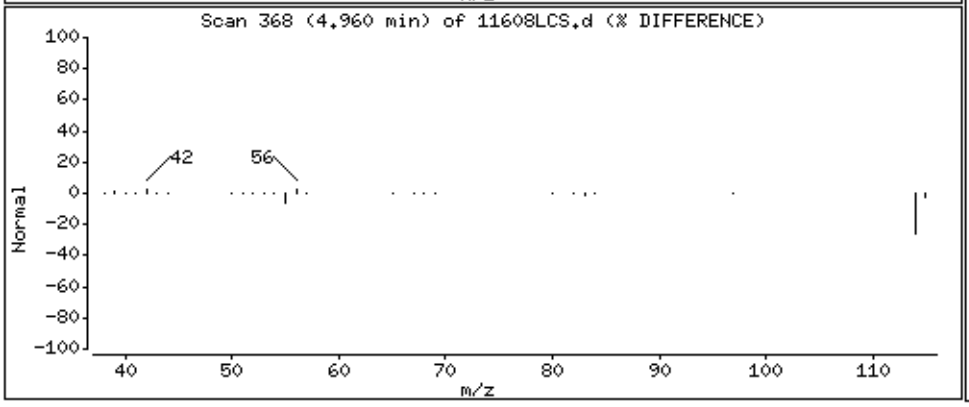












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Sample Info: SW154211LCS

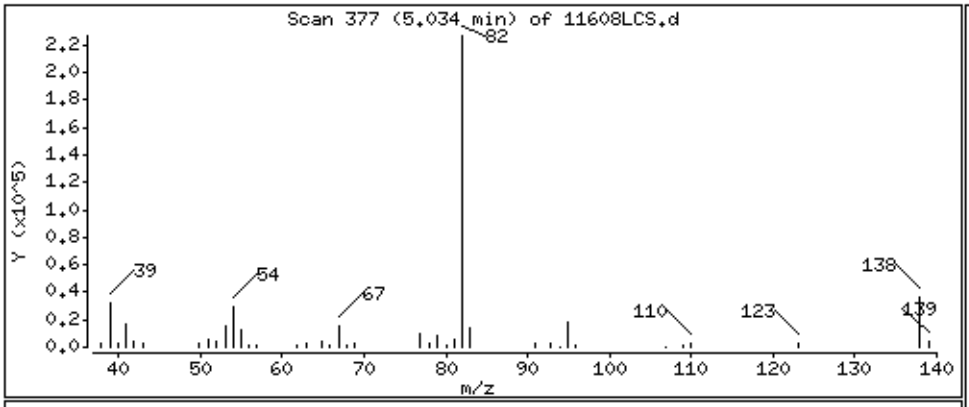
Operator: MJ

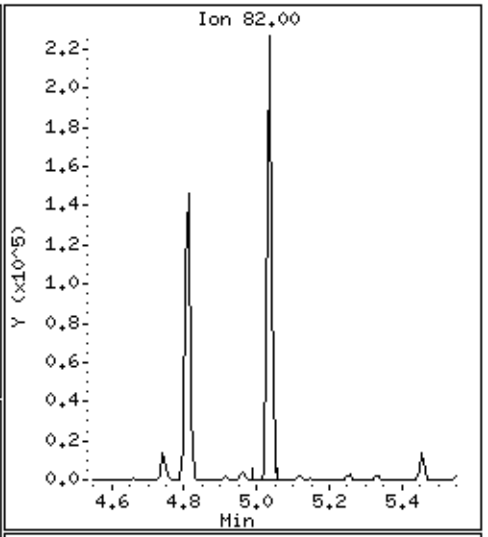
Column phase: HPMS-5

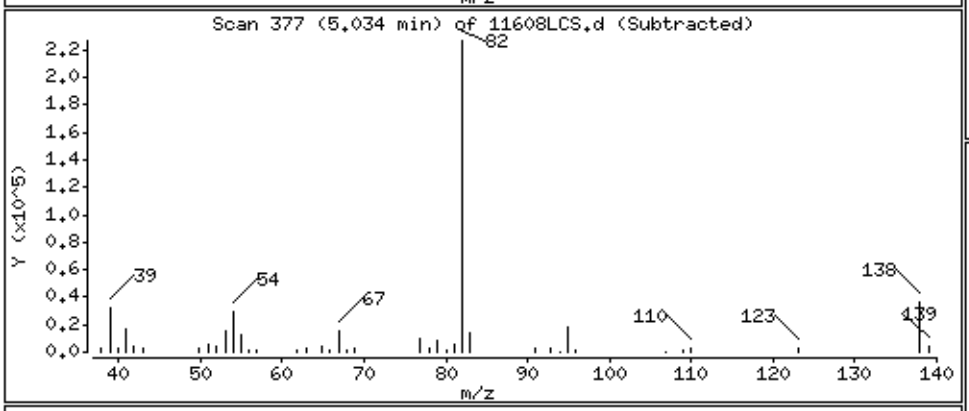
Column diameter: 0.25

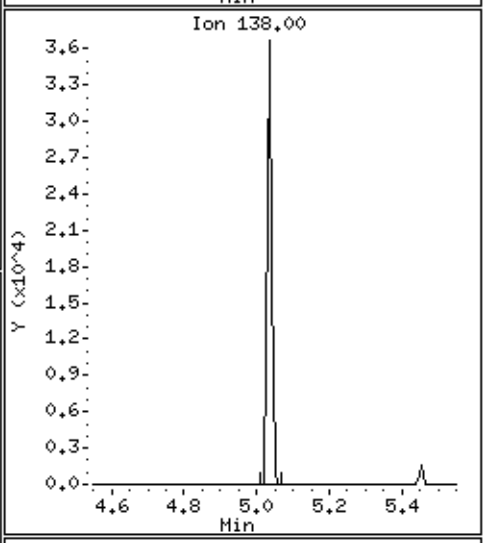
34 Isophorone

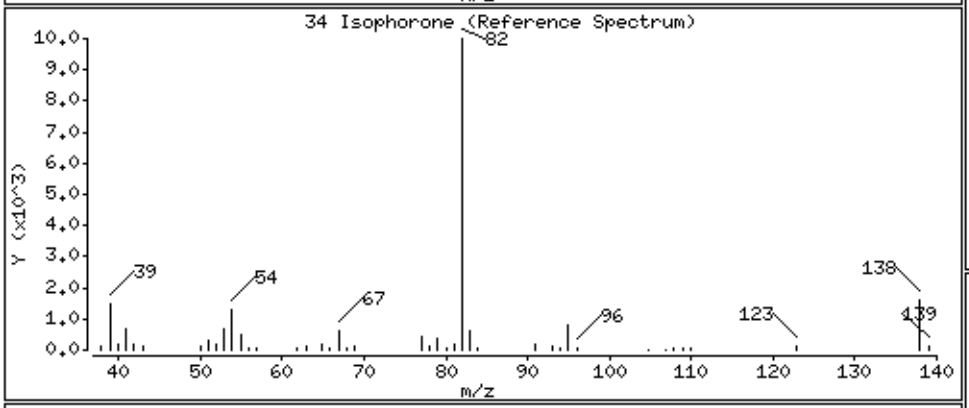
Concentration: 1590 ug/kg

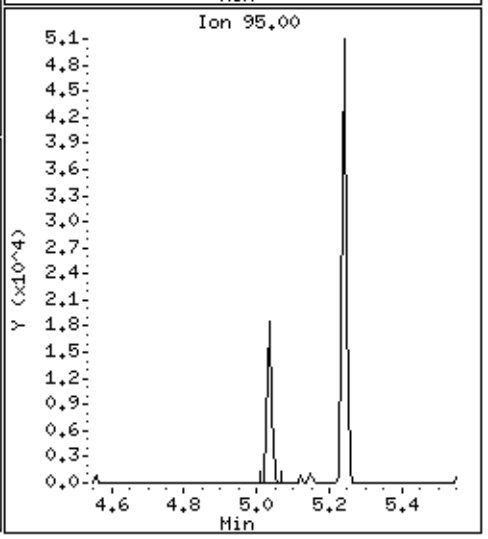


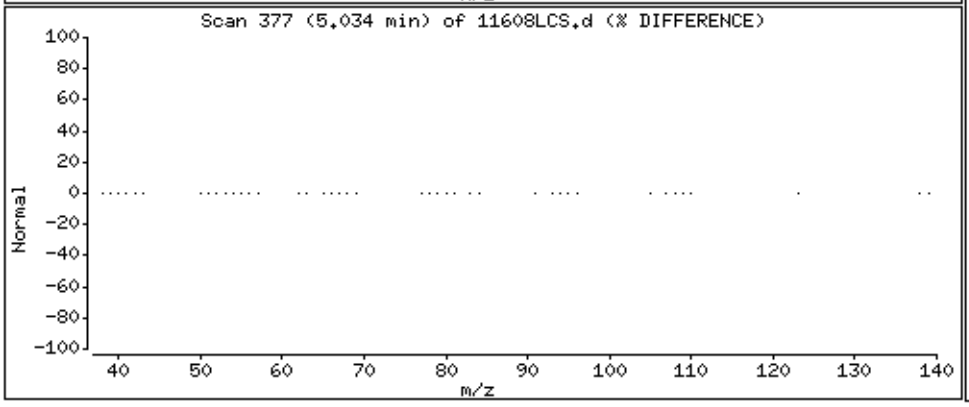












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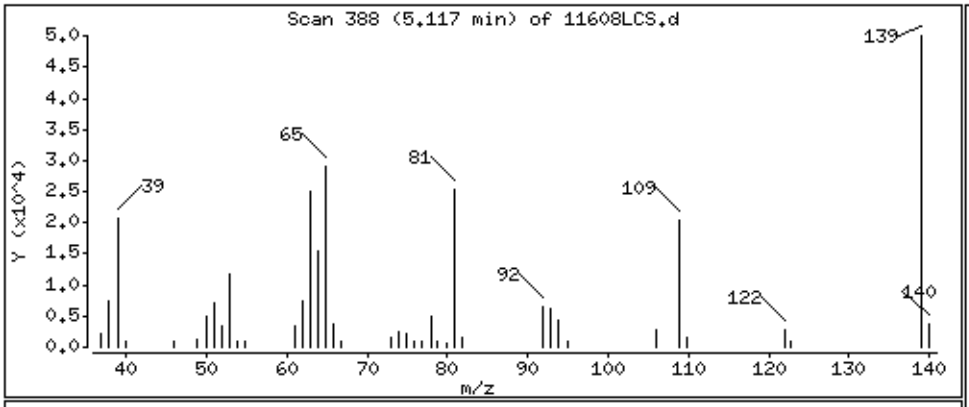
Operator: MJ

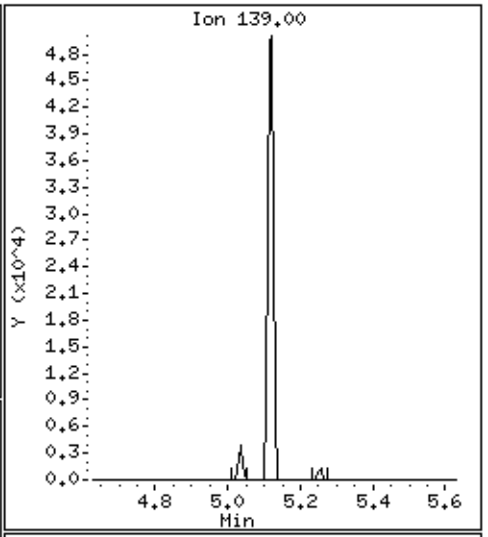
Column phase: HPMS-5

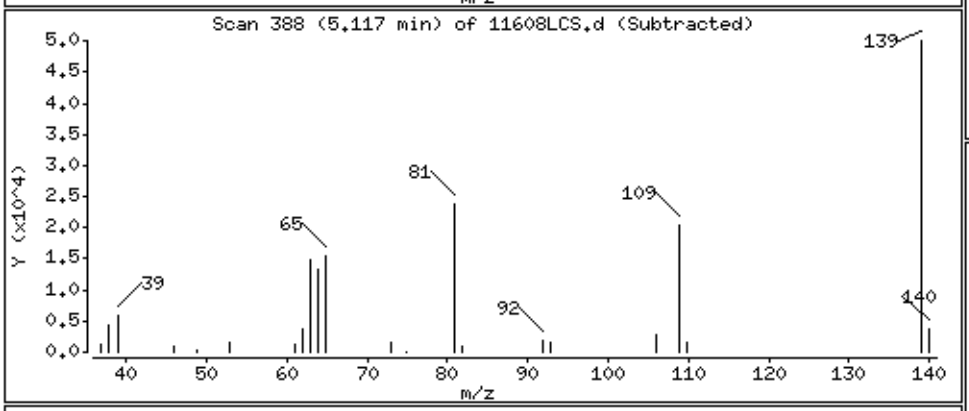
Column diameter: 0.25

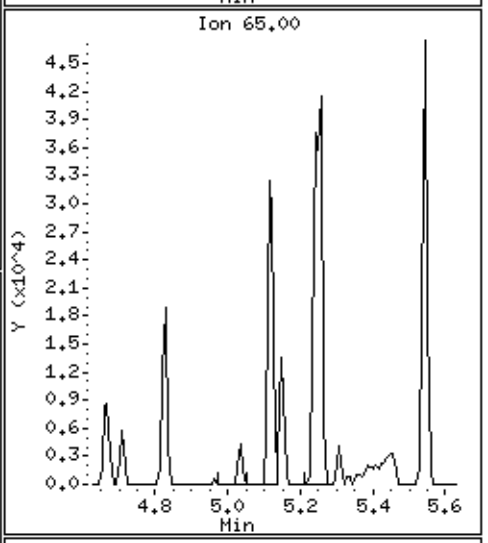
35 2-Nitrophenol

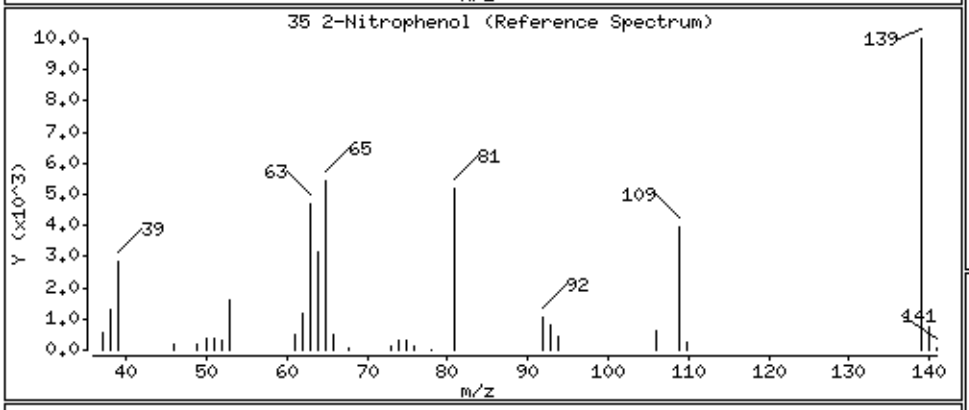
Concentration: 1840 ug/kg

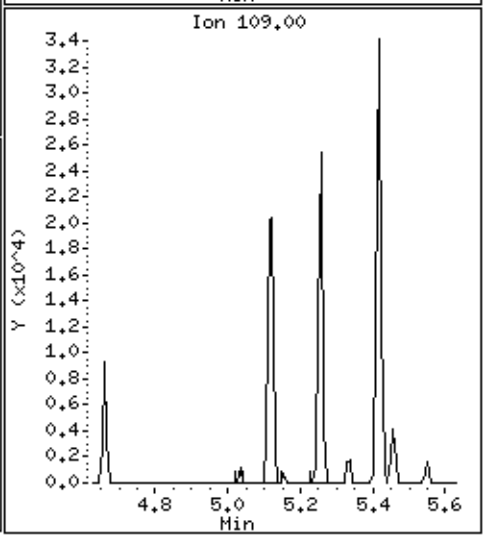


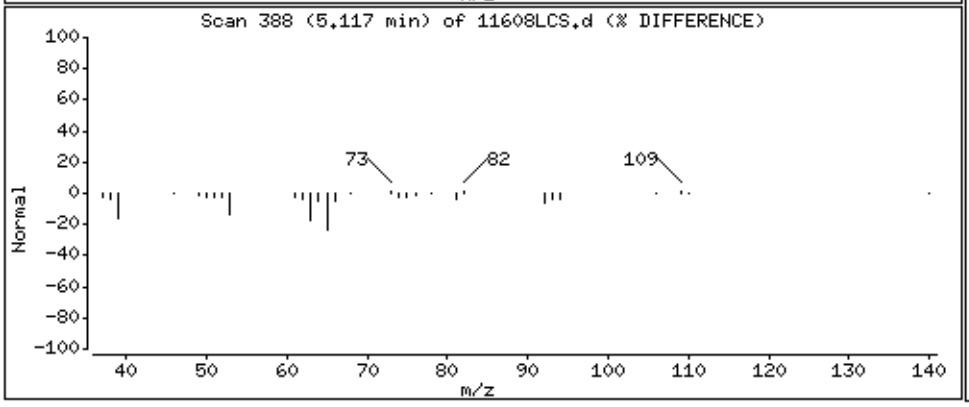












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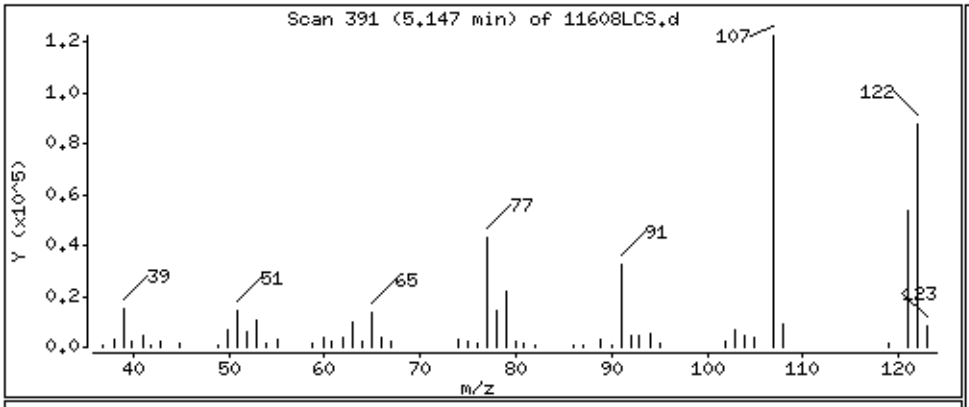
Operator: MJ

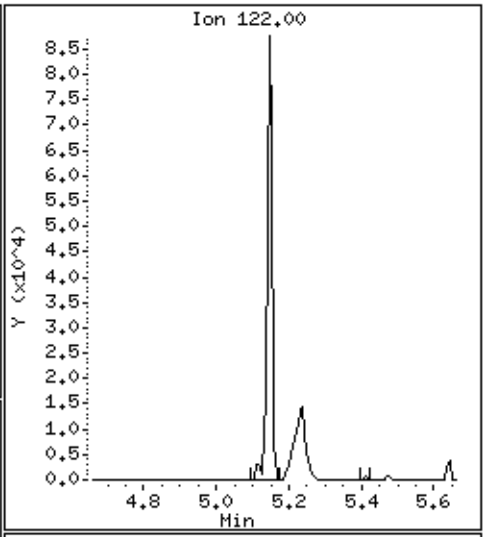
Column phase: HPMS-5

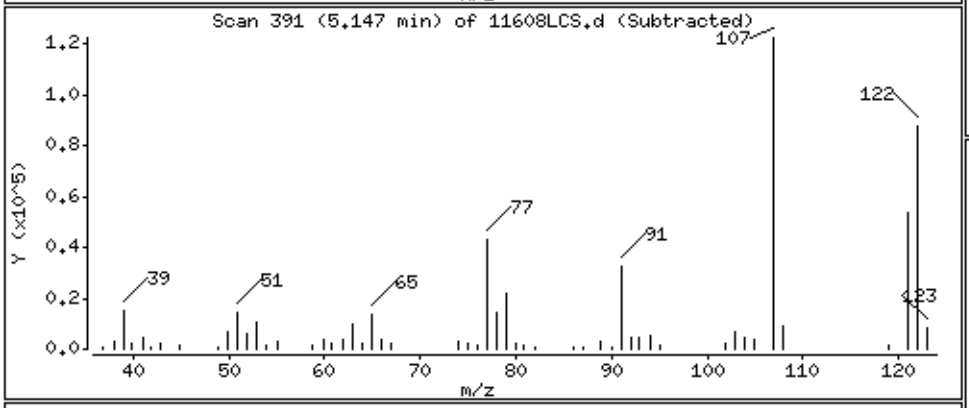
Column diameter: 0.25

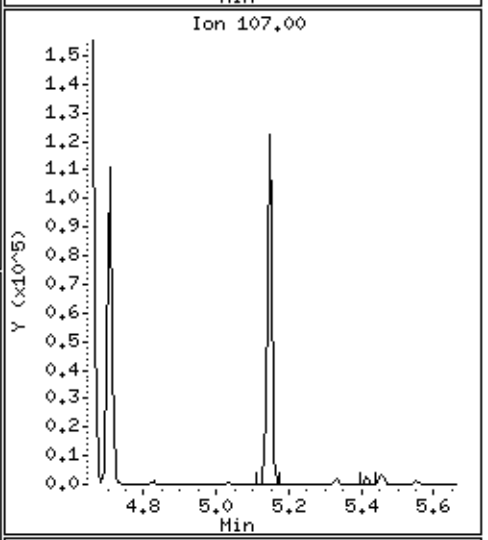
36 2,4-Dimethylphenol

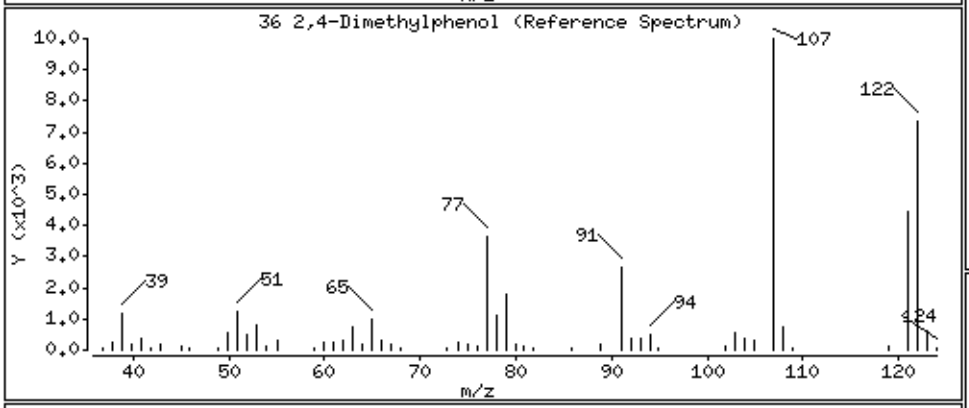
Concentration: 2050 ug/kg

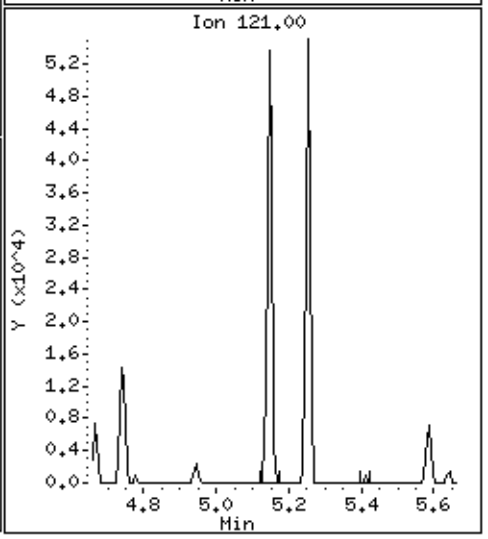


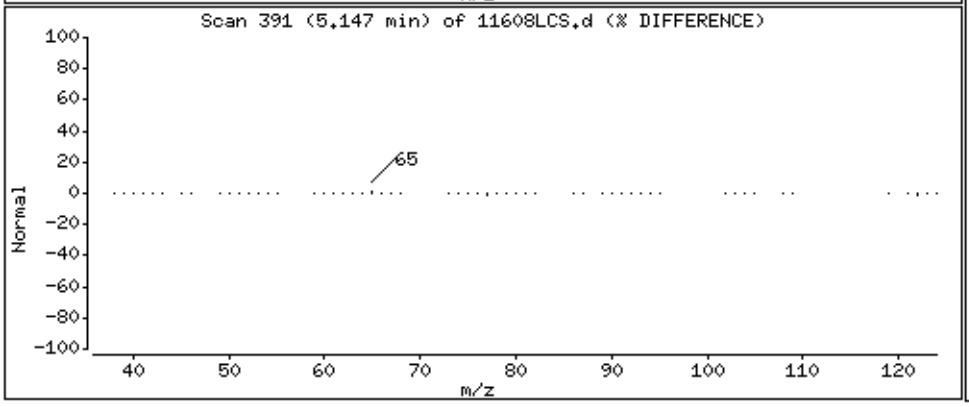












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Sample Info: SW154211LCS

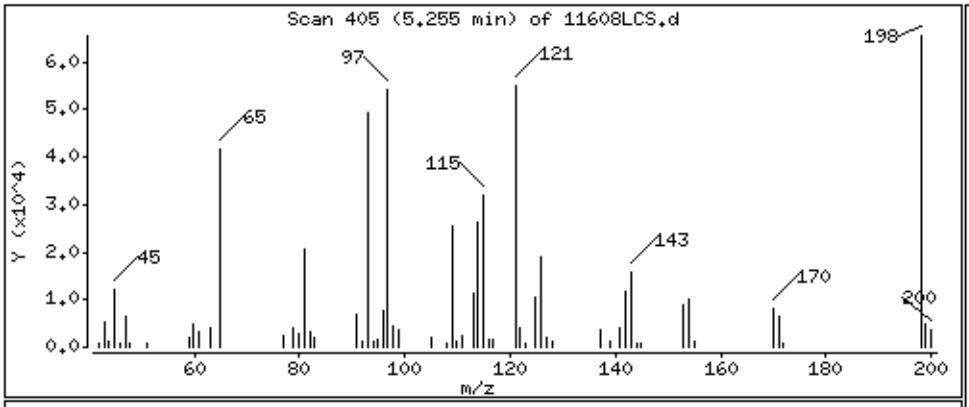
Operator: MJ

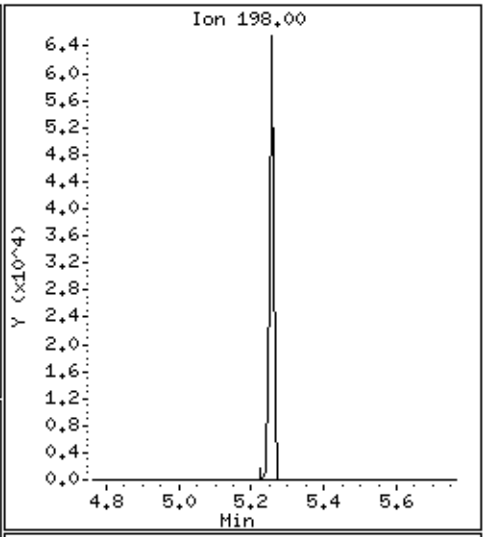
Column phase: HPMS-5

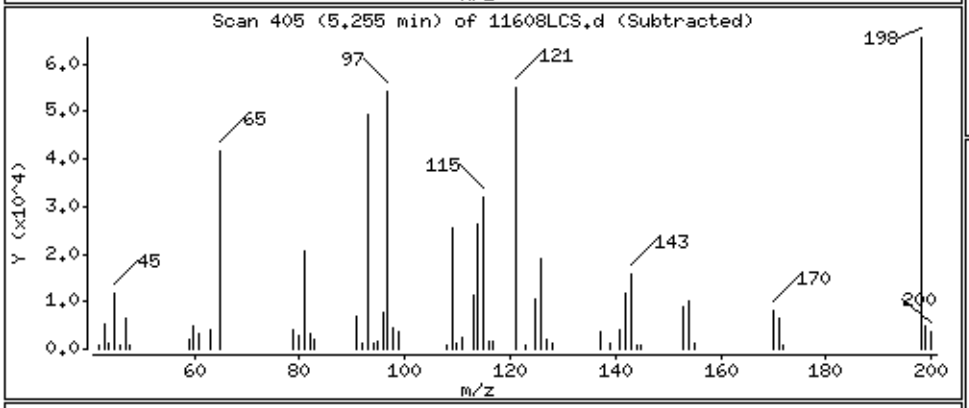
Column diameter: 0.25

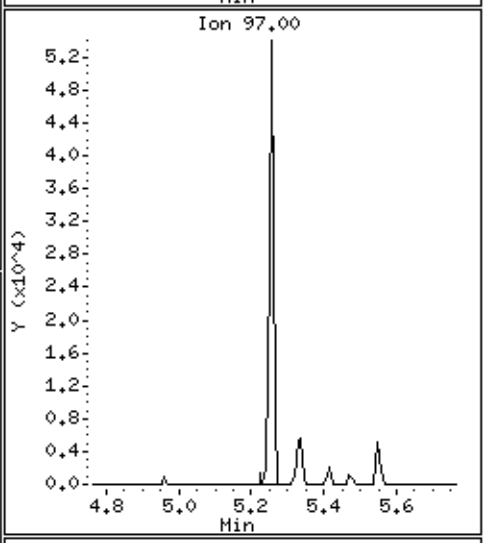
37 o,o,o-Triethylphosphorothioate

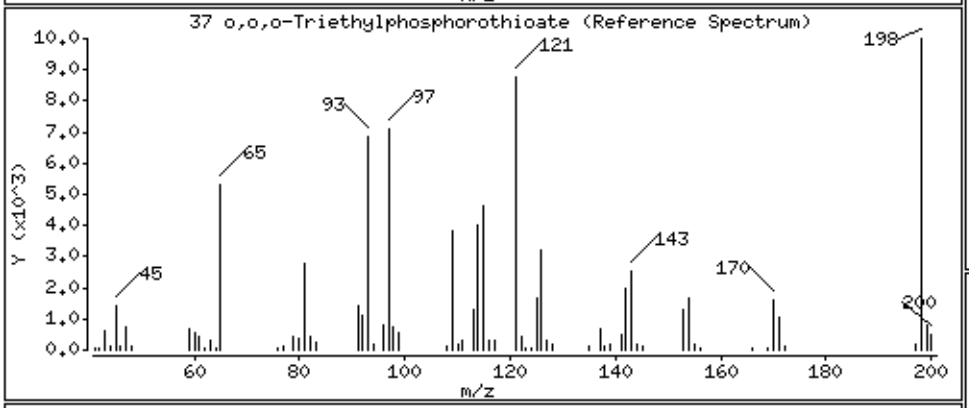
Concentration: 1480 ug/kg

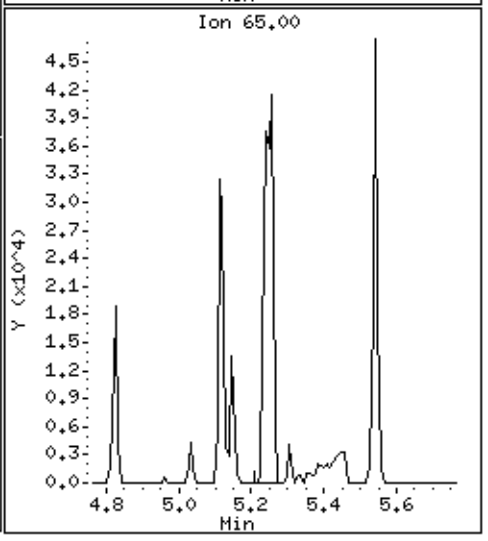


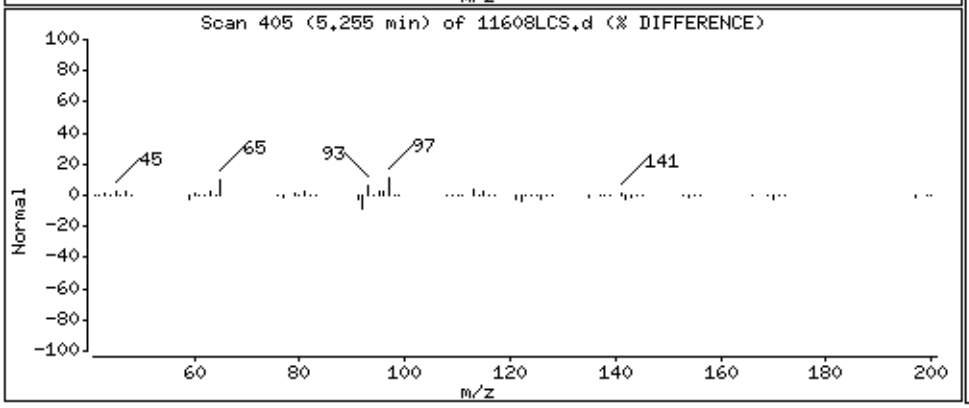












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Instrument: smsd04.i

Sample Info: SW154211LCS

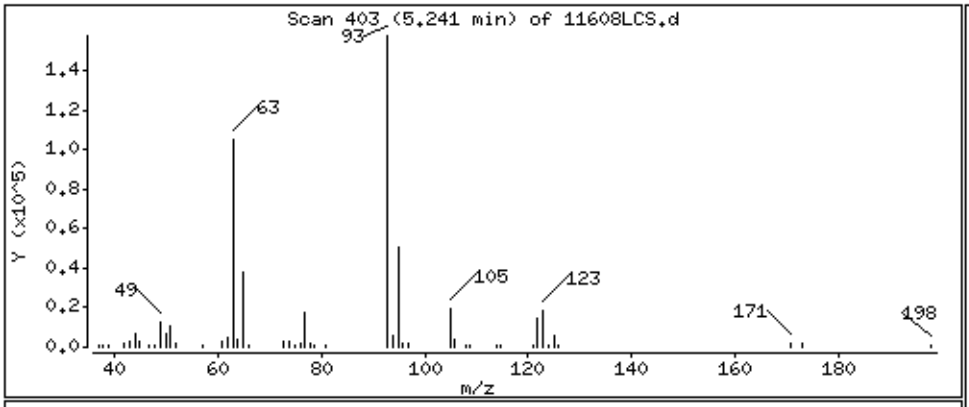
Operator: MJ

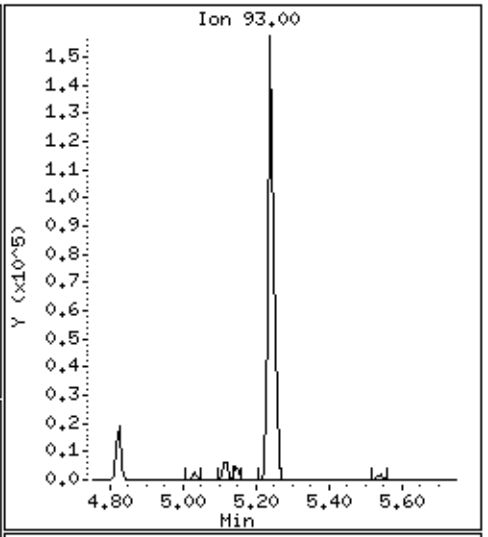
Column phase: HPMS-5

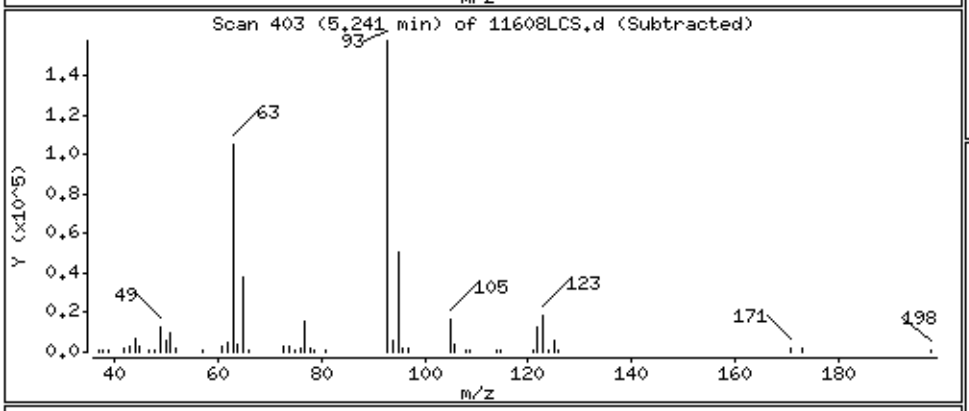
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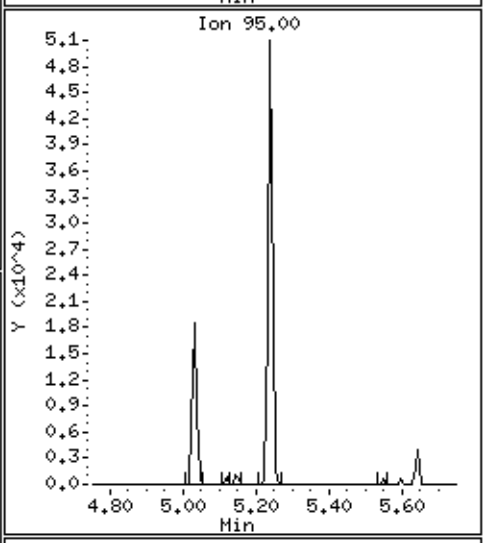
38 Bis(2-Chloroethoxy)methane

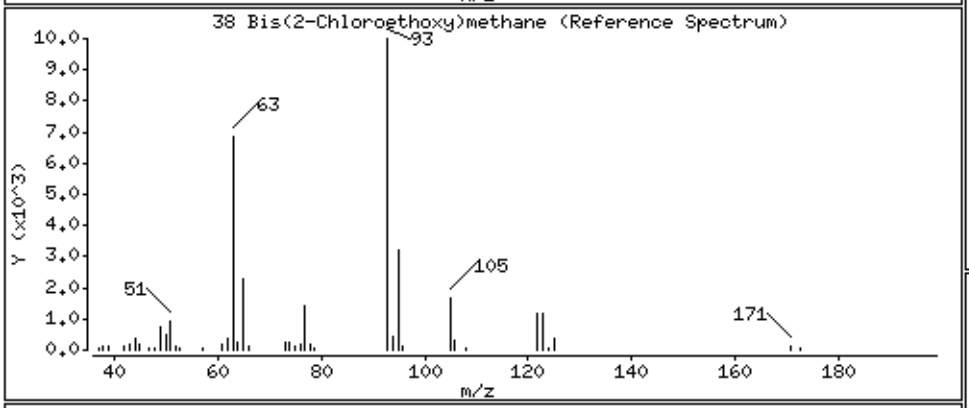
Concentration: 2360 ug/kg

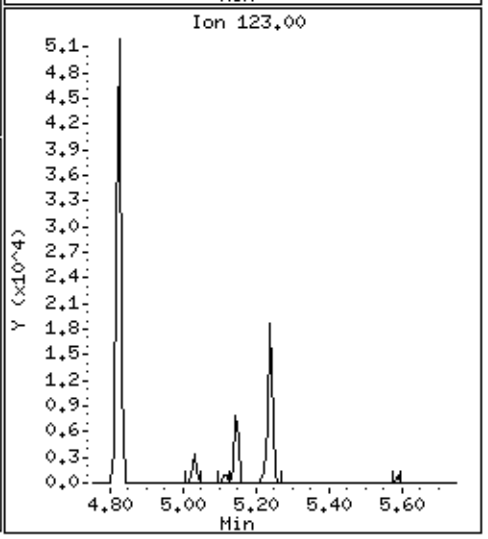


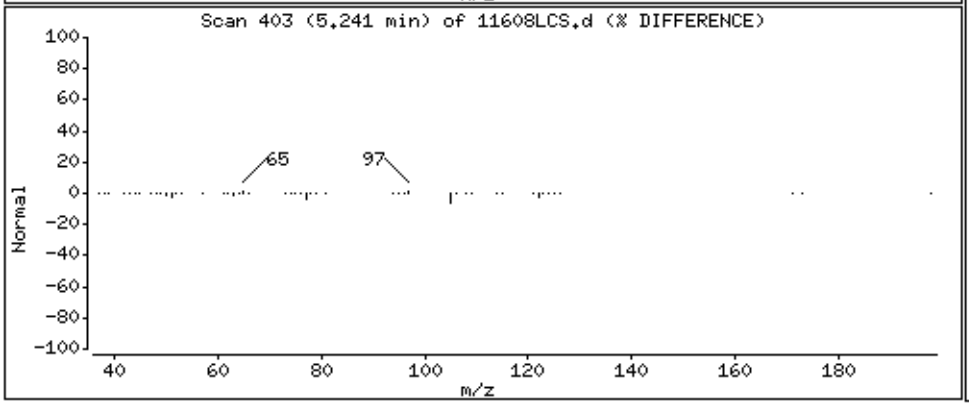












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

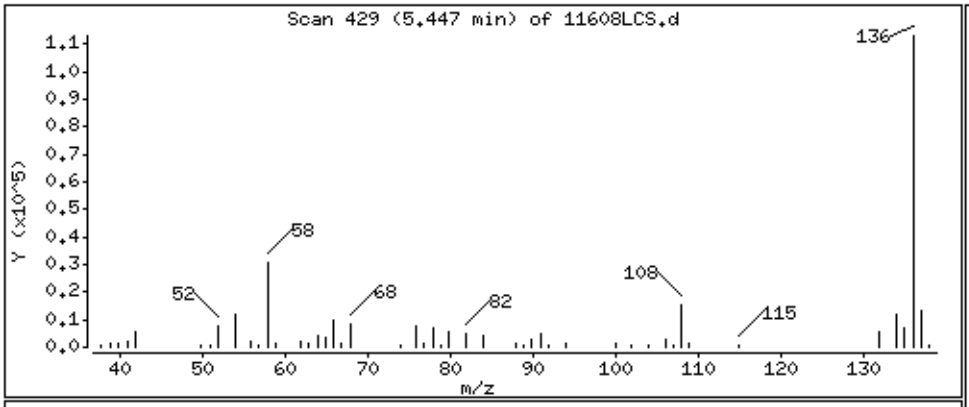
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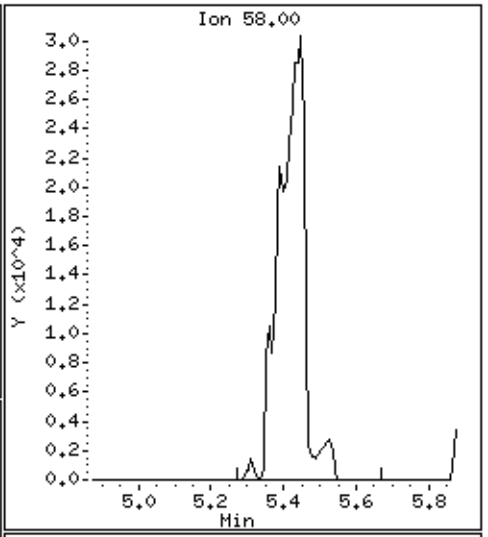
Column phase: HPMS-5

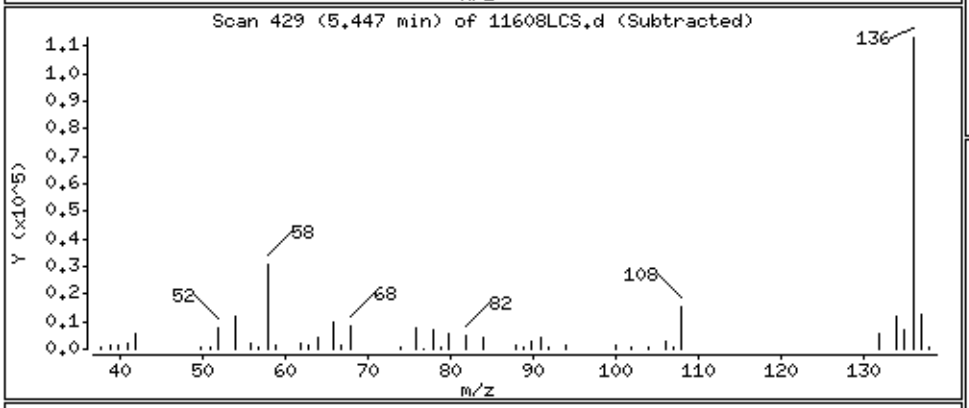
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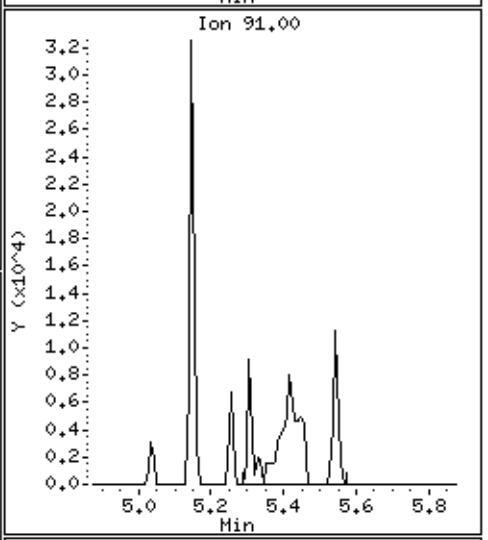
39 a,a-Dimethylphenethylamine

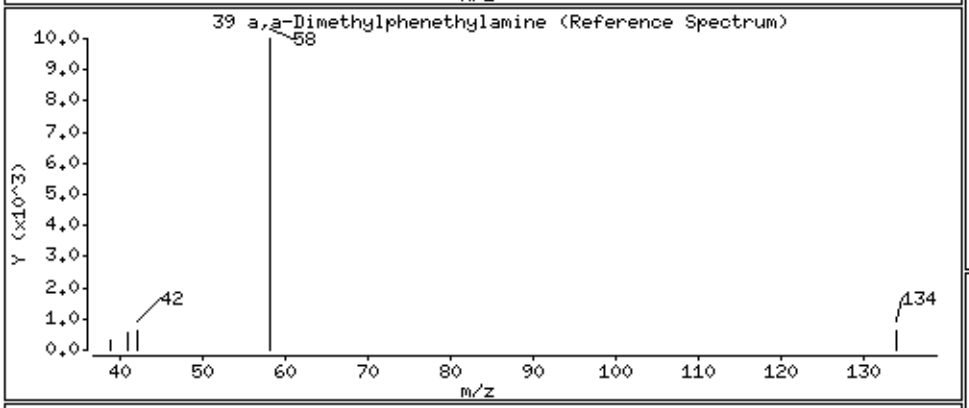
Concentration: 1050 ug/kg

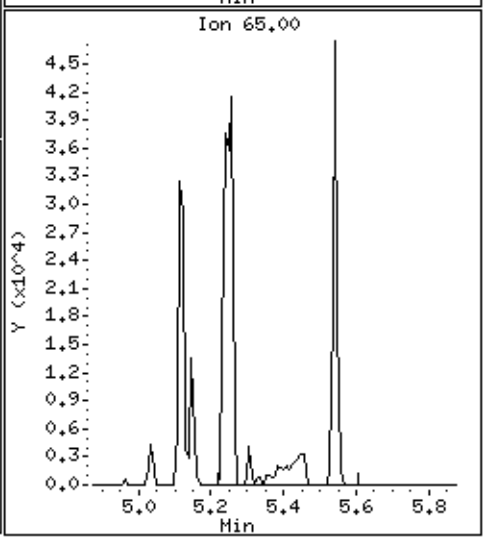


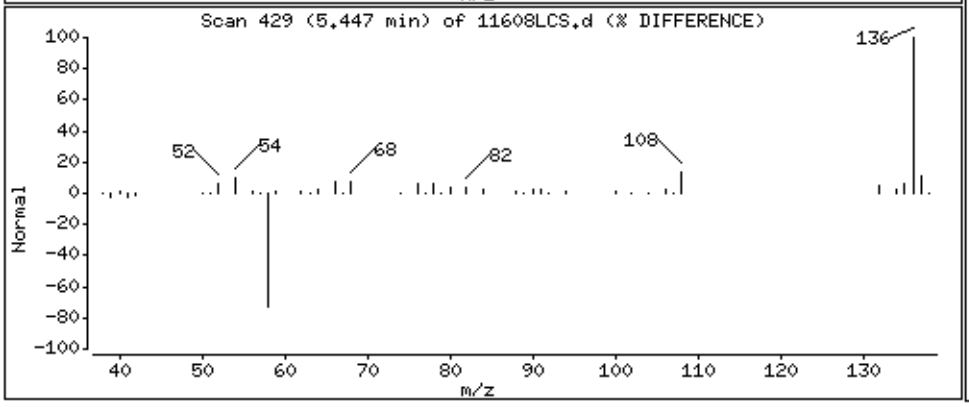












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

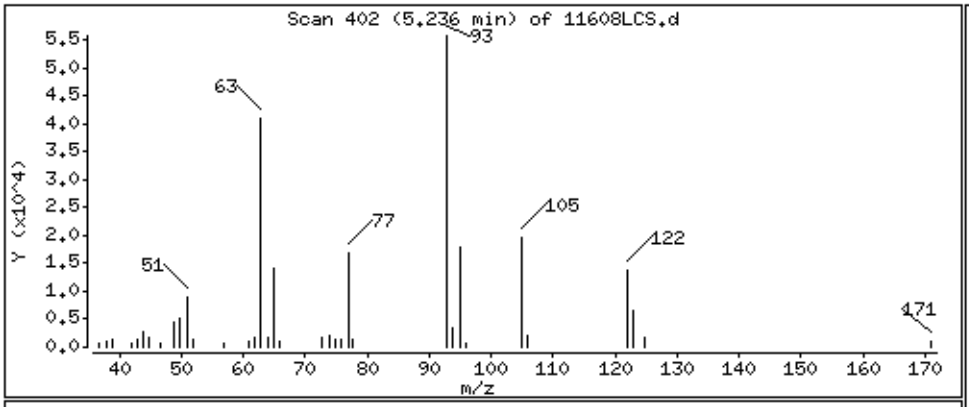
Operator: MJ

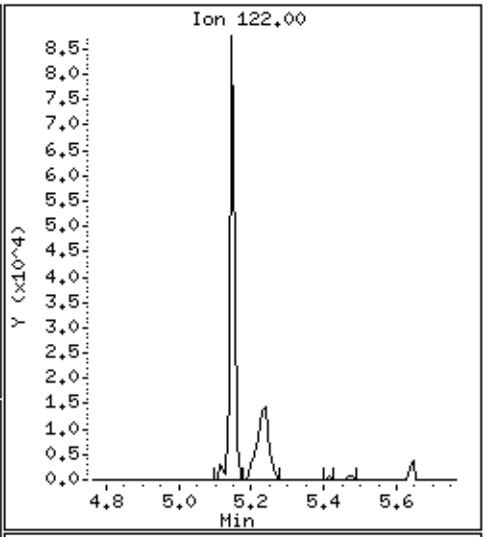
Column phase: HPMS-5

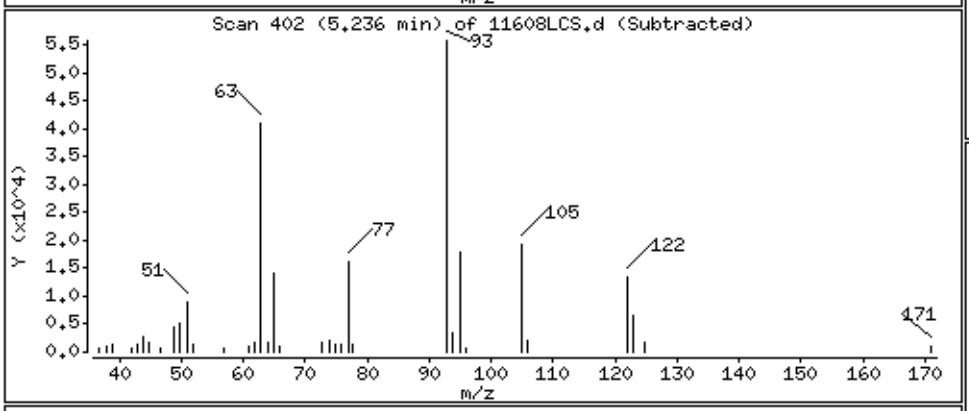
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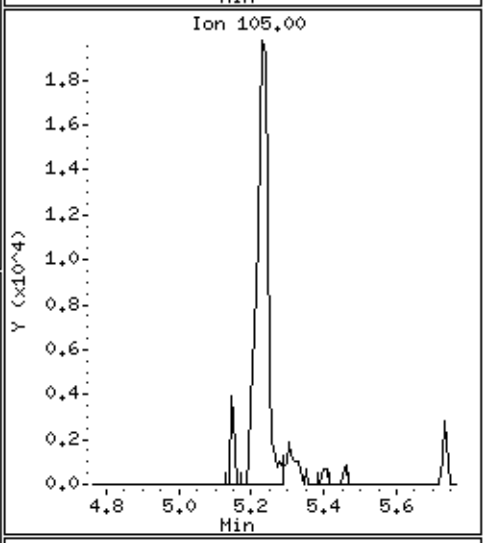
40 Benzoic Acid

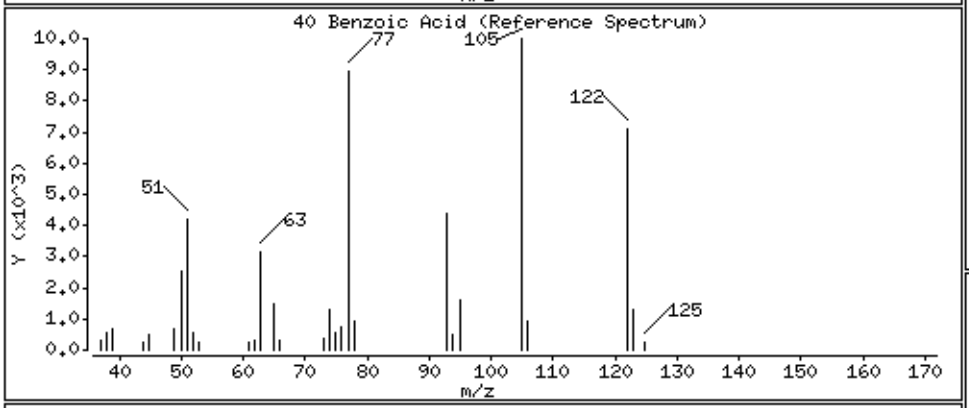
Concentration: 1130 ug/kg

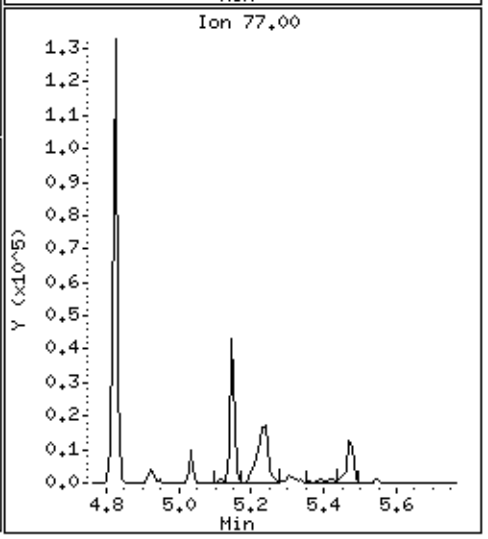


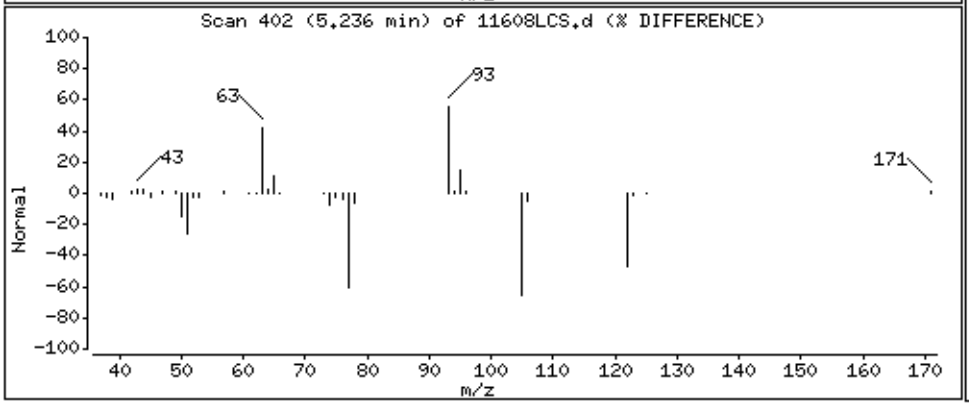












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

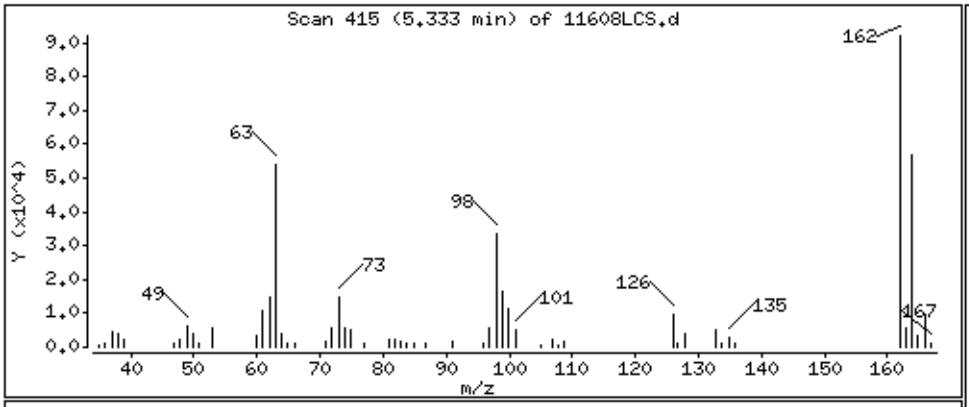
Operator: MJ

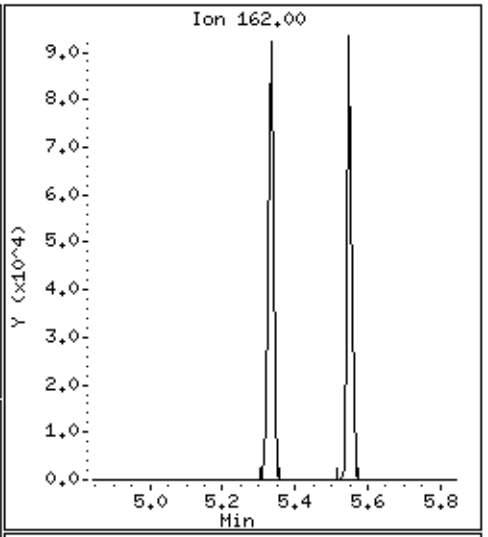
Column phase: HPMS-5

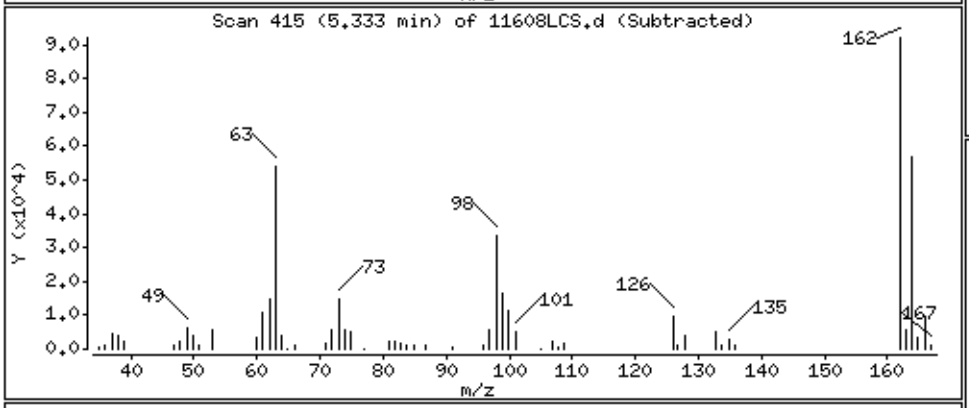
Column diameter: 0.25

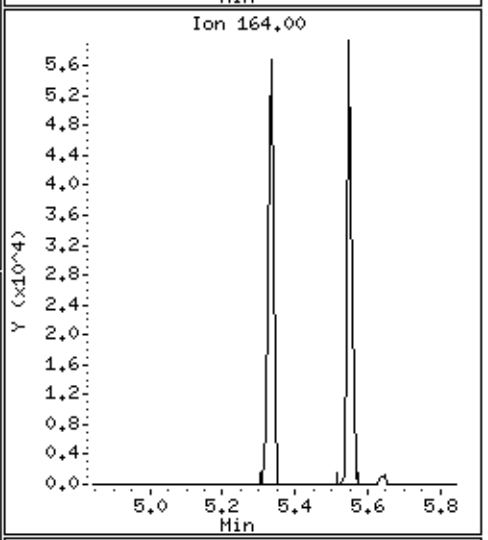
41 2,4-Dichlorophenol

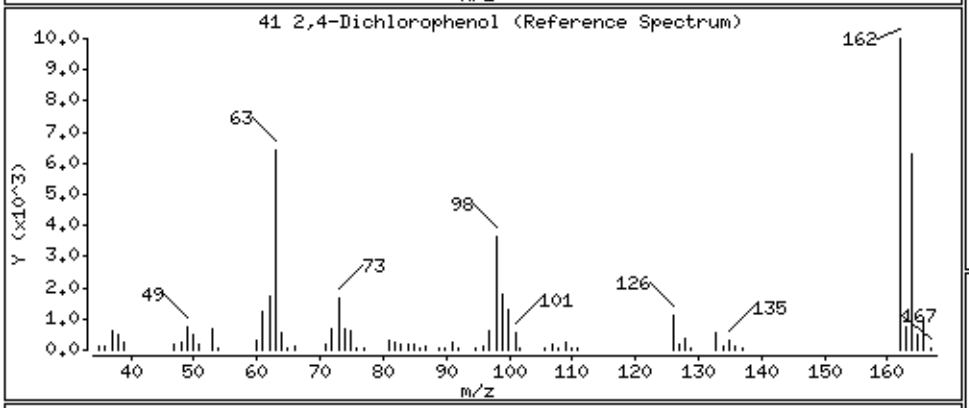
Concentration: 1840 ug/kg

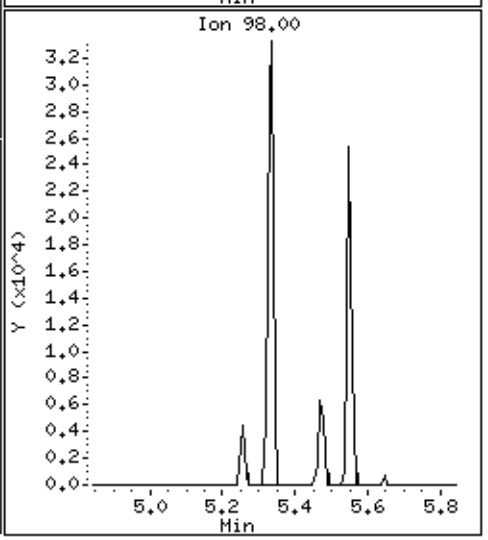


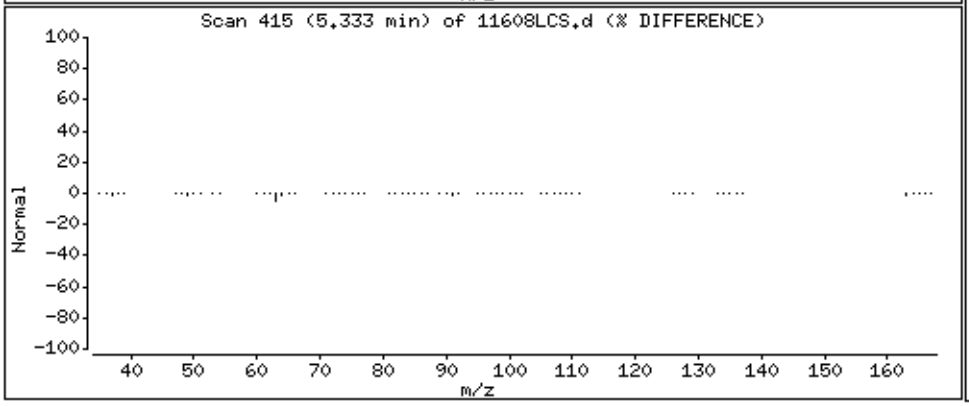












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

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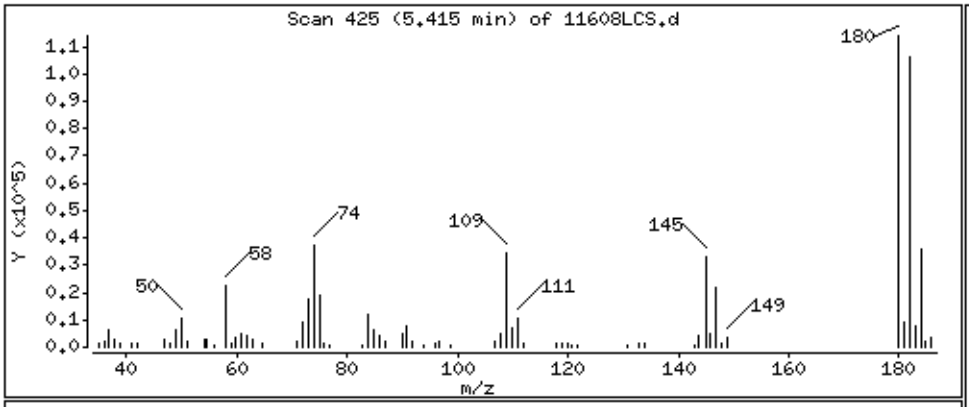
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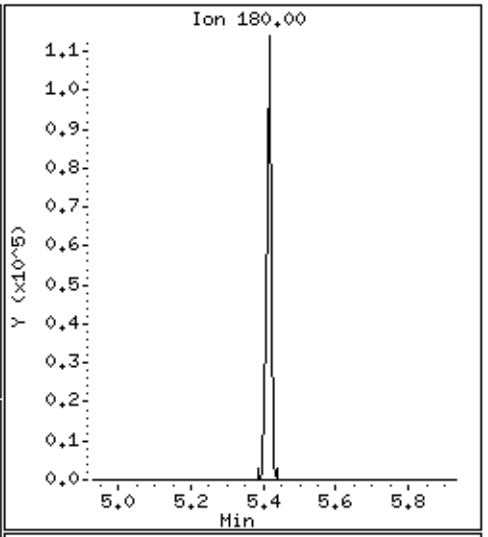
Column phase: HPMS-5

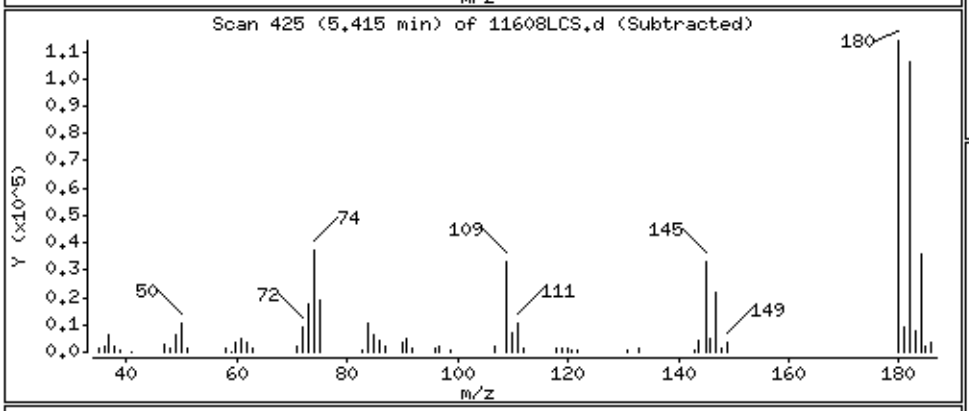
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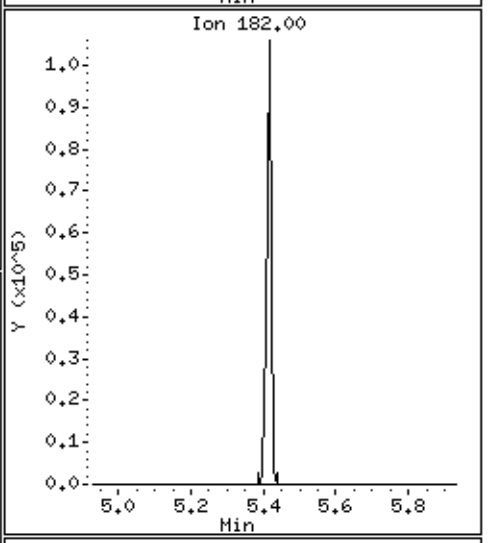
42 1,2,4-Trichlorobenzene

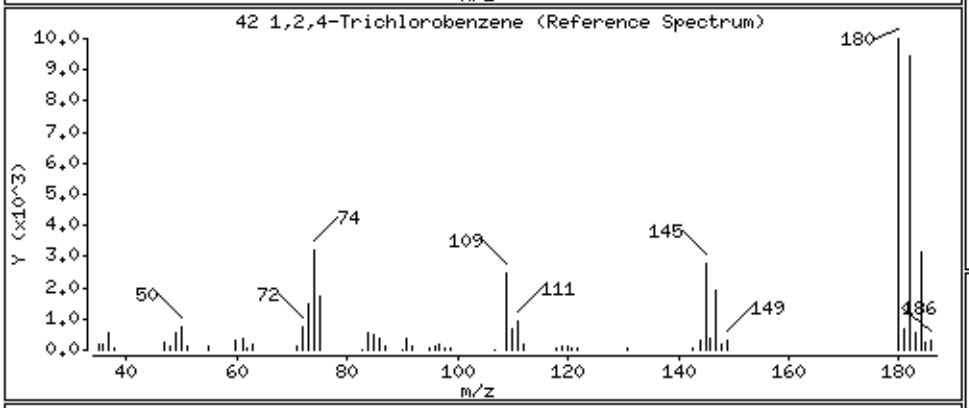
Concentration: 1730 ug/kg

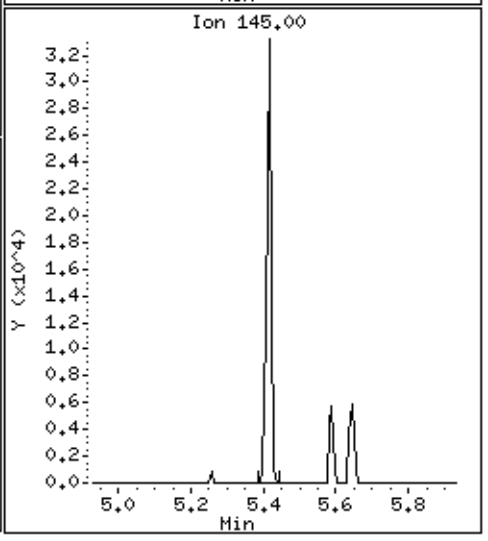


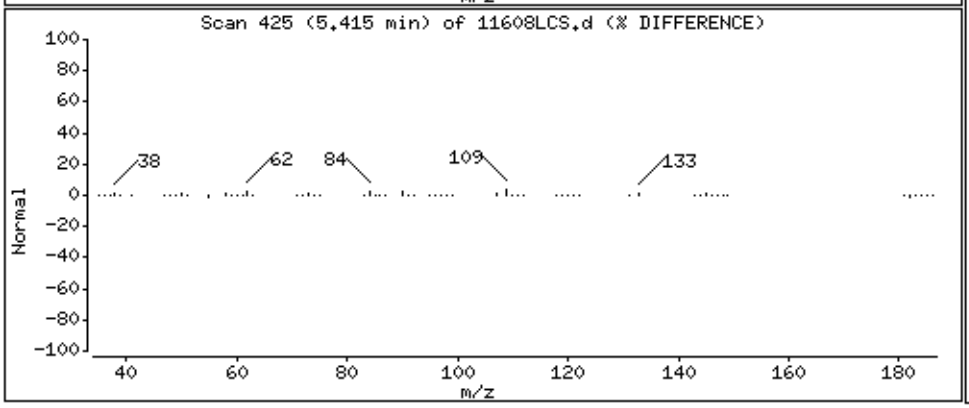












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Client ID: 154211LCS

Instrument: smsd04.i

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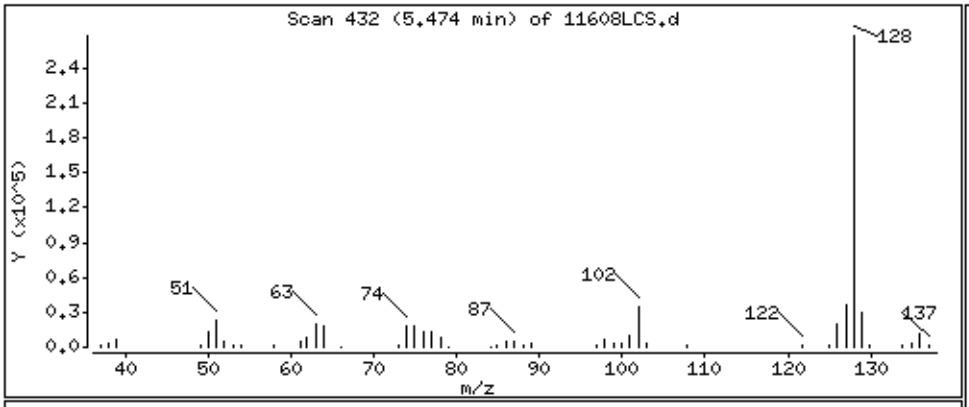
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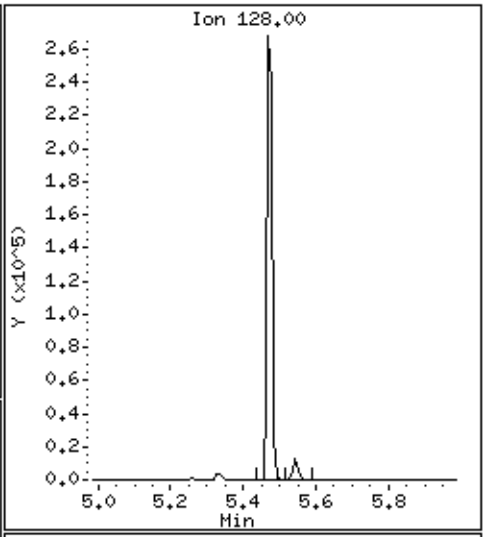
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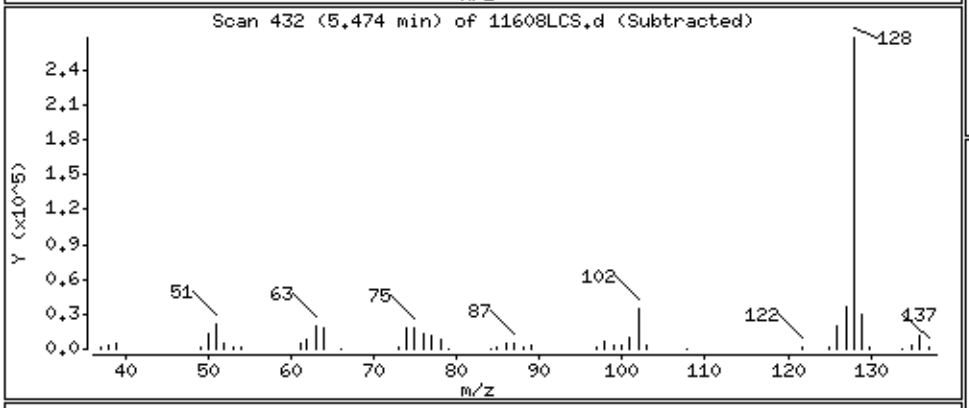
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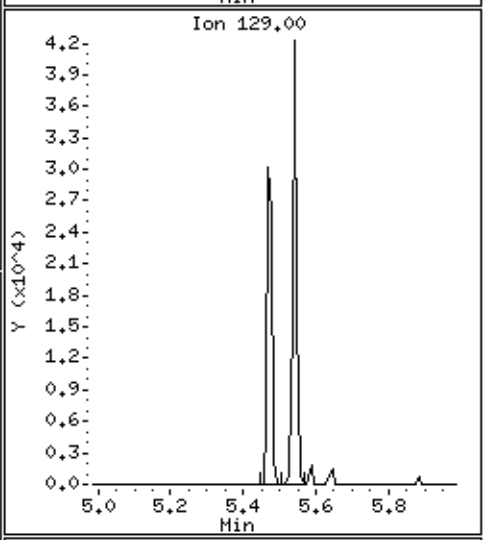
44 Naphthalene

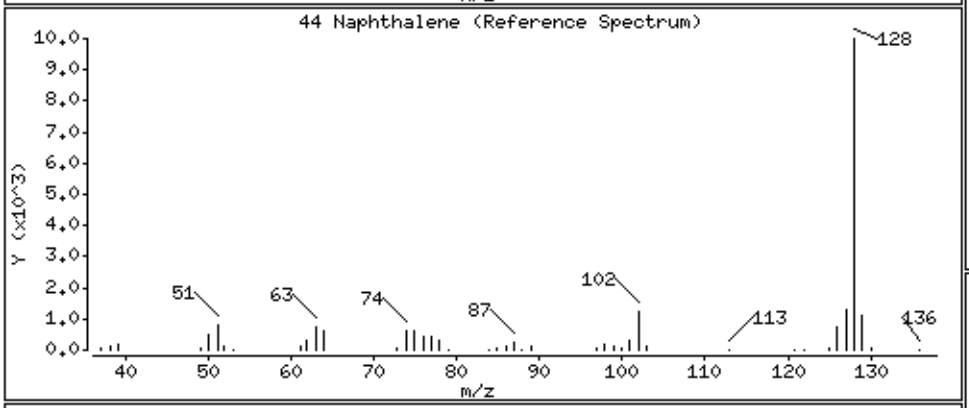
Concentration: 1790 ug/kg

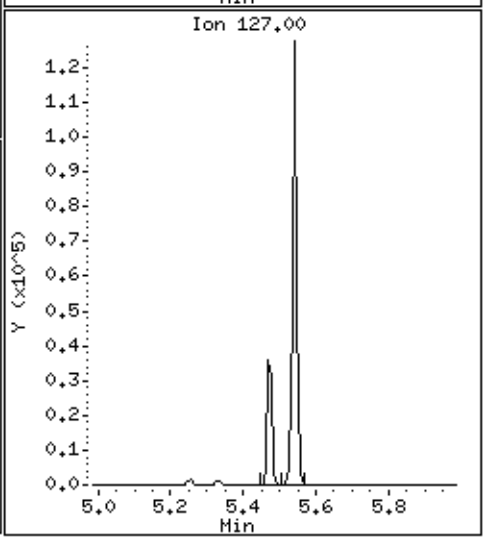


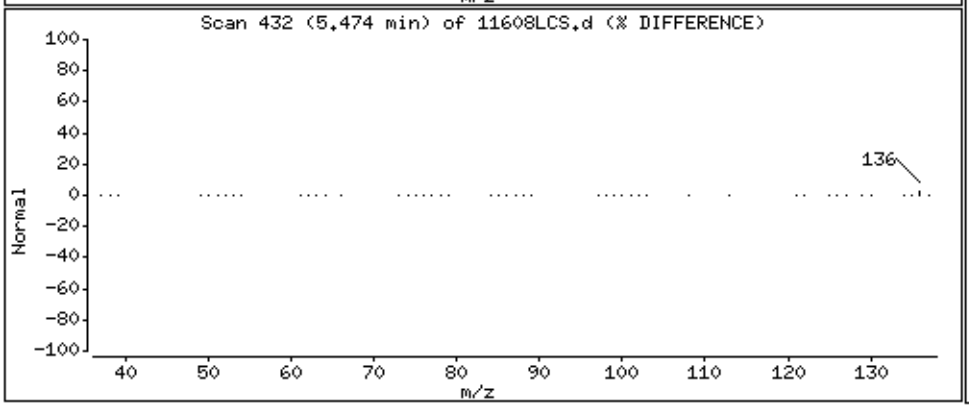












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

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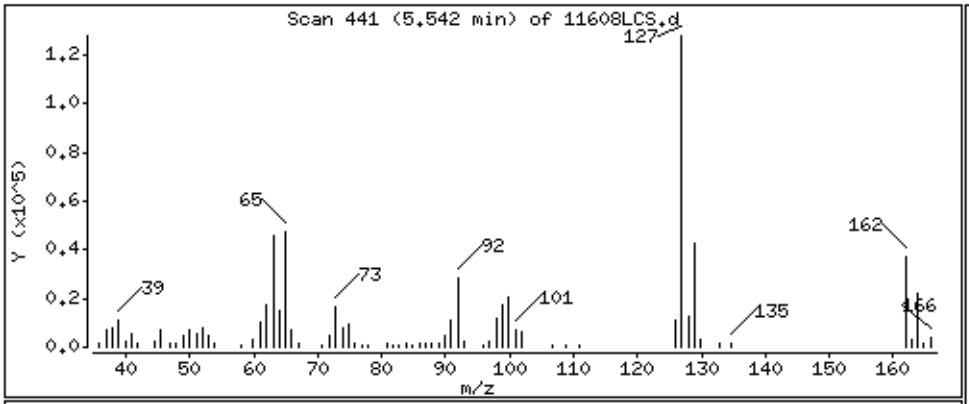
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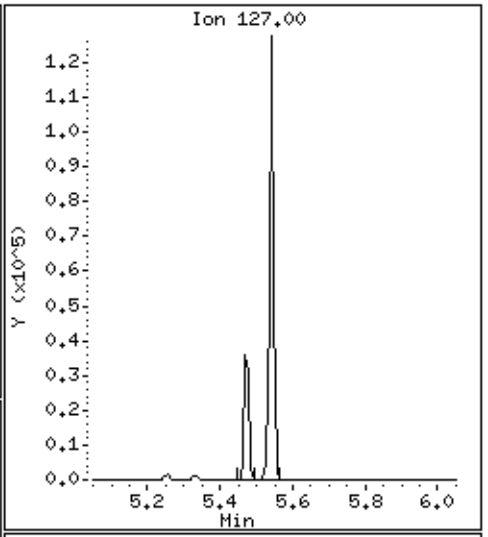
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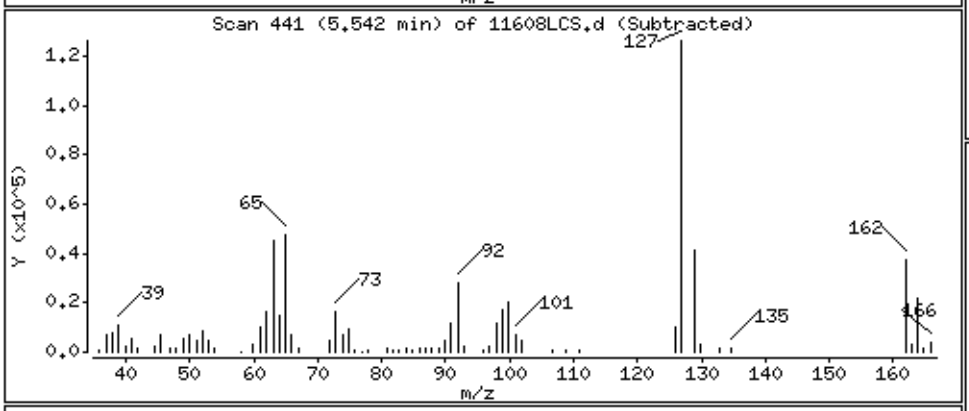
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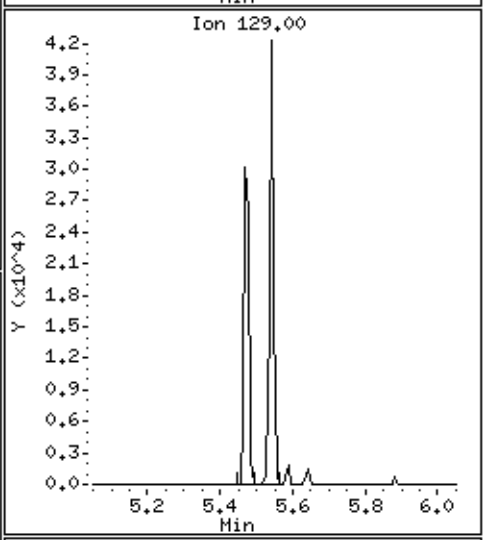
45 4-Chloroaniline

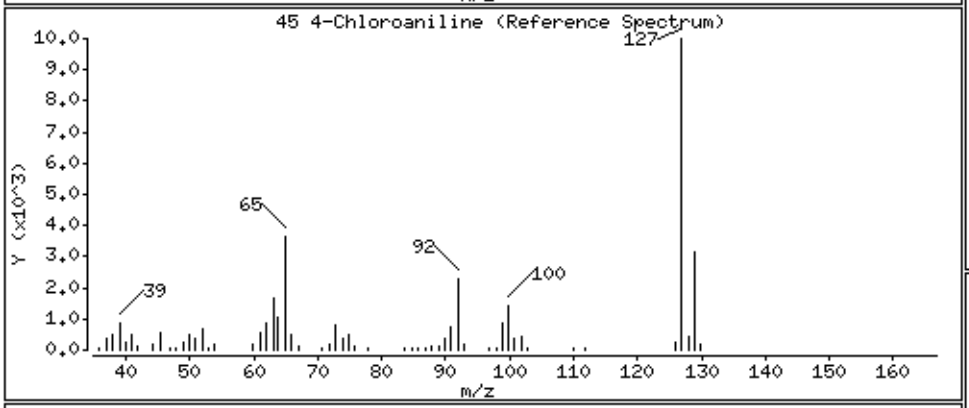
Concentration: 1760 ug/kg

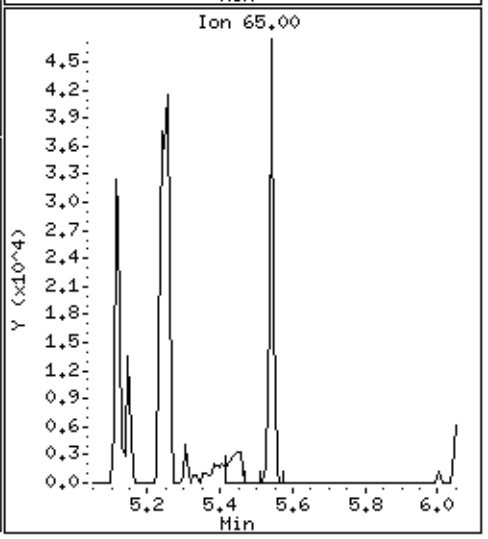


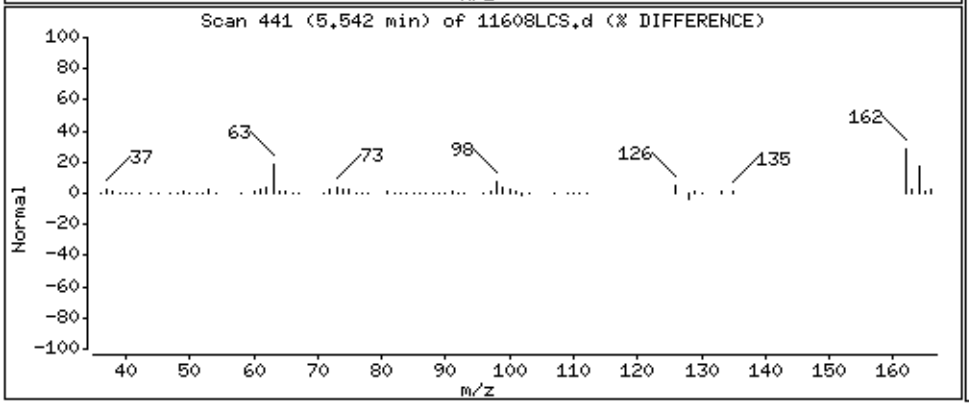












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Client ID: 154211LCS

Instrument: smsd04.i

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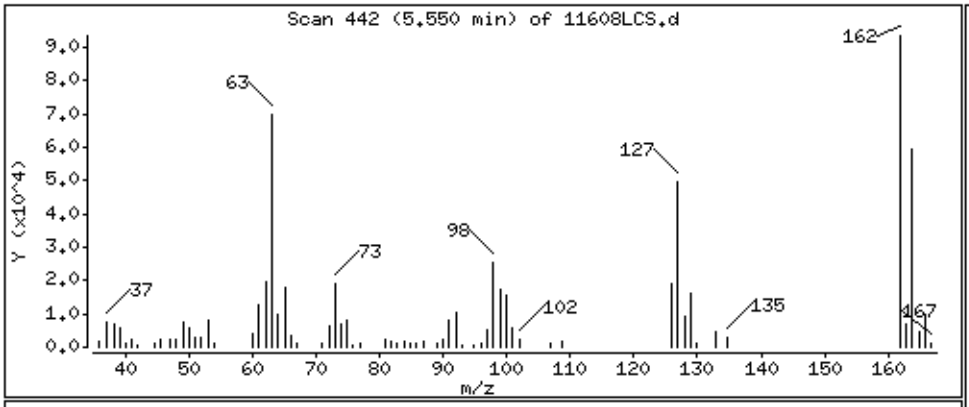
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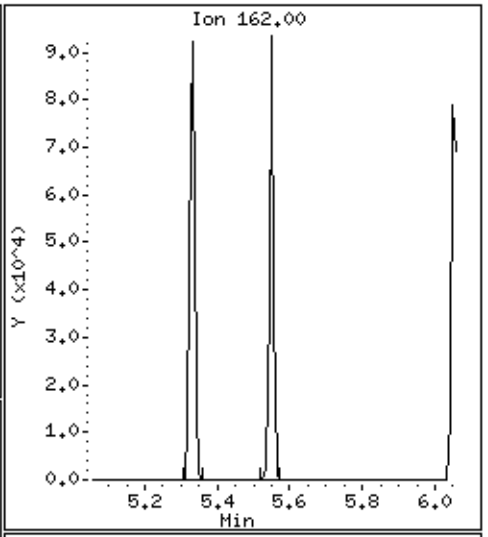
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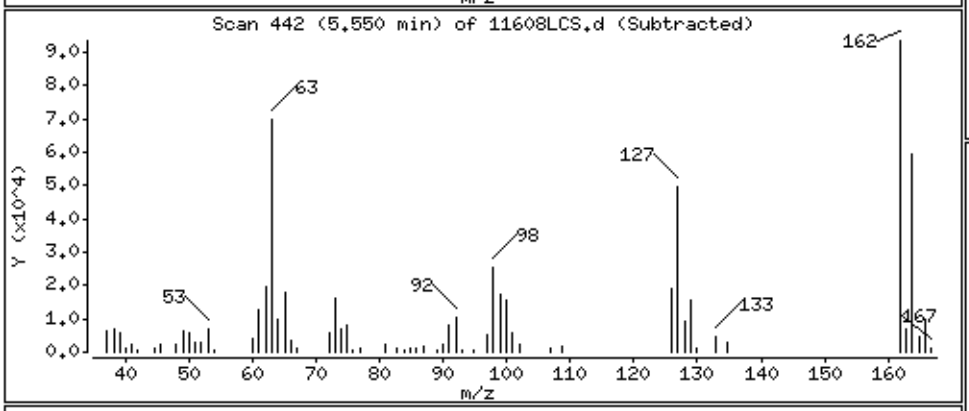
Column diameter: 0.25

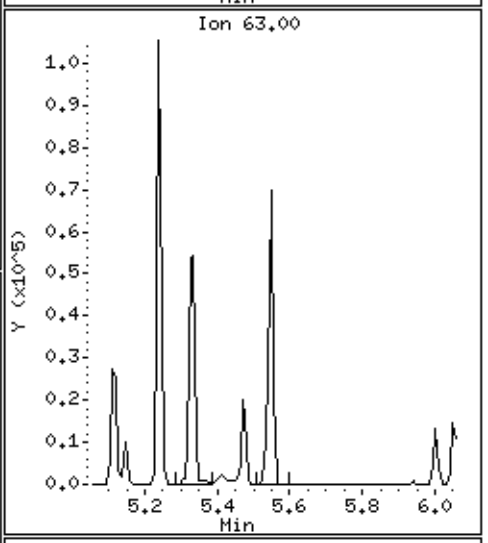
46 2,6-Dichlorophenol

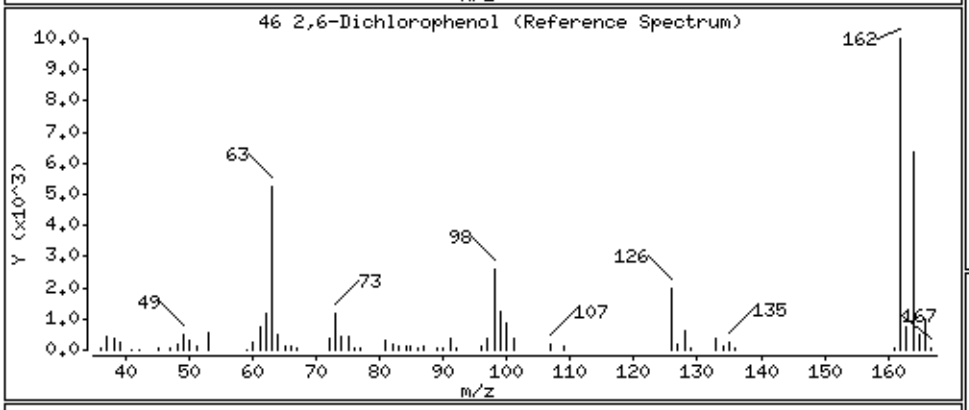
Concentration: 1690 ug/kg

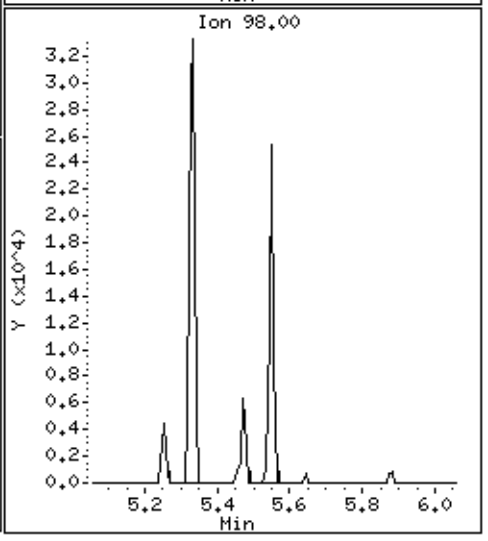


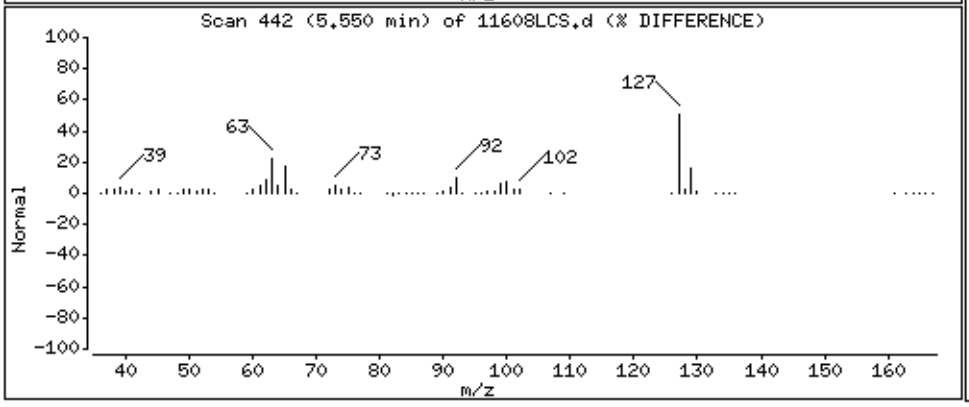












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

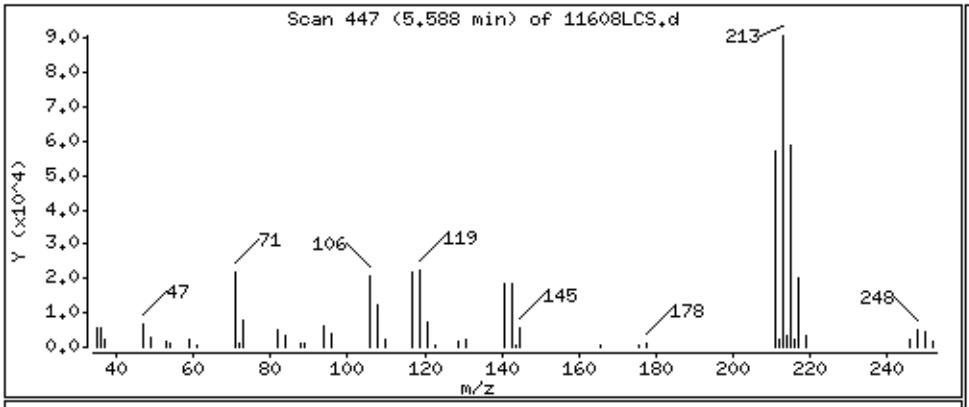
Operator: MJ

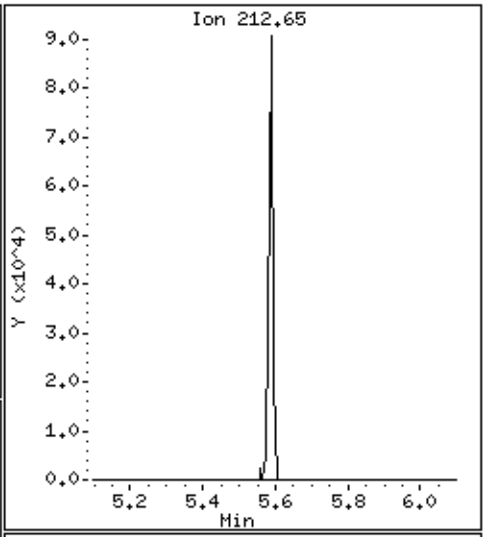
Column phase: HPMS-5

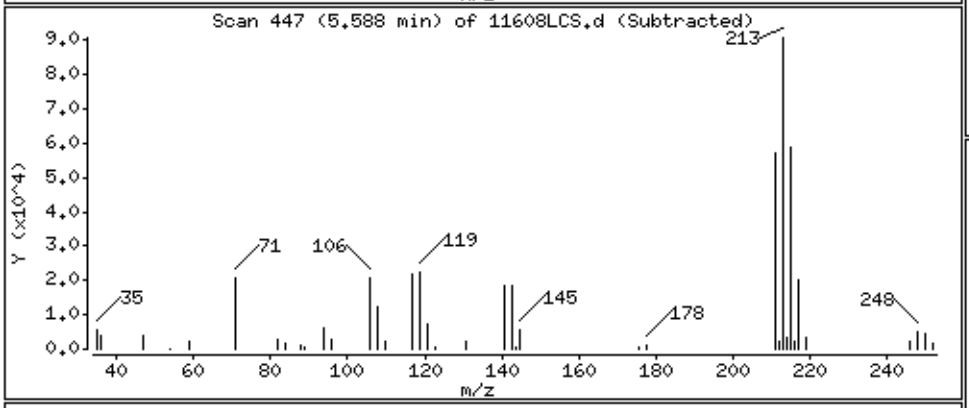
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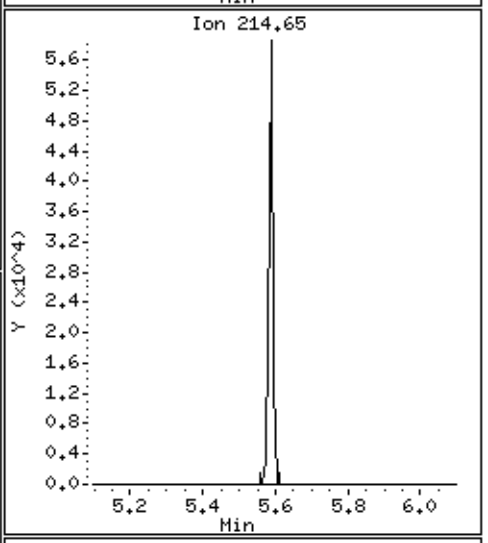
47 Hexachloropropene

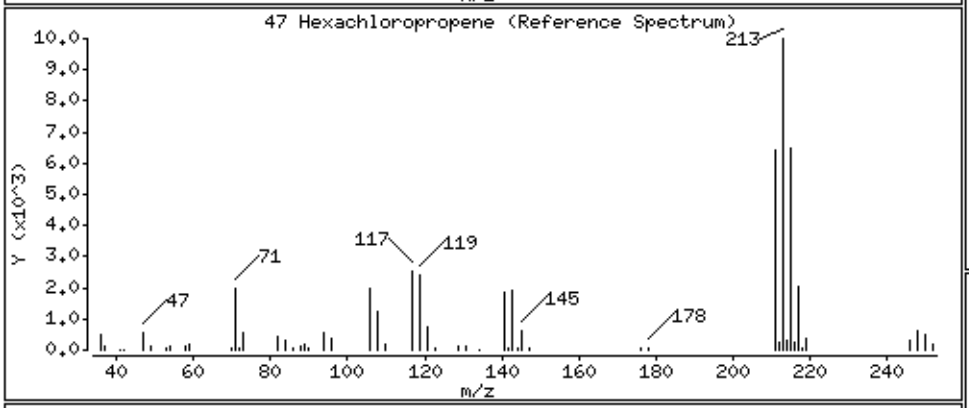
Concentration: 1810 ug/kg

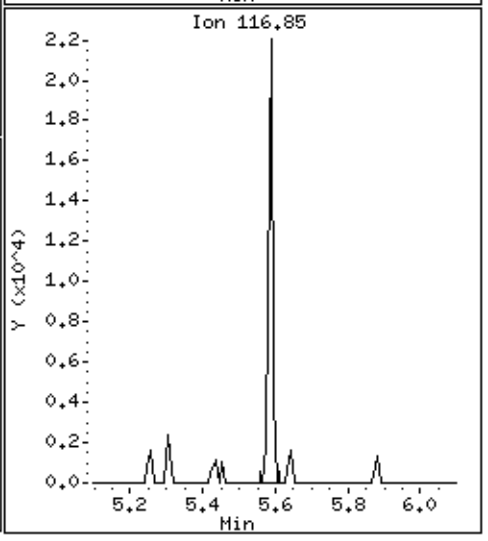


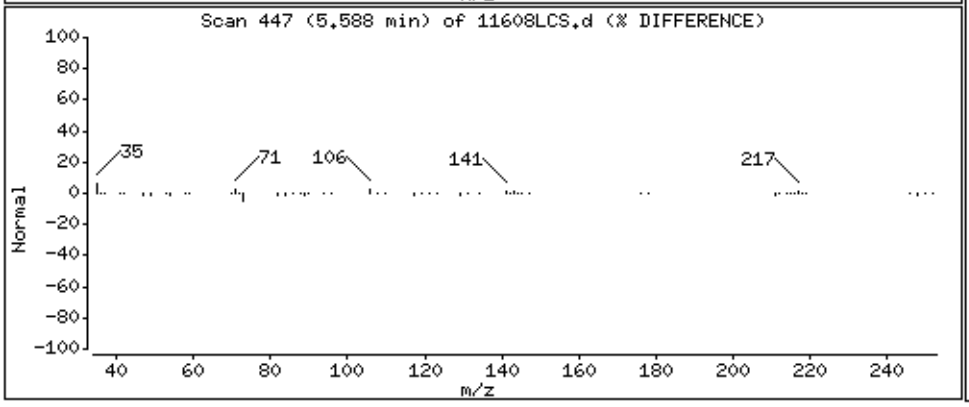












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Date : 20-NOV-2012 18:42

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Instrument: smsd04.i

Sample Info: SW154211LCS

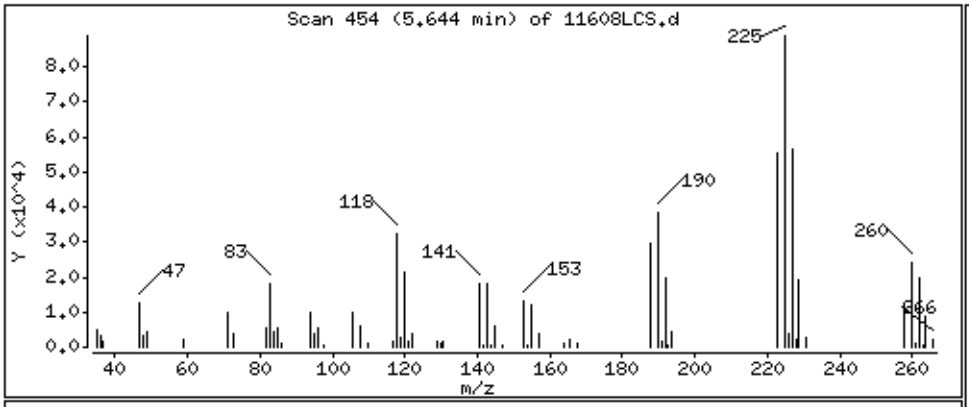
Operator: MJ

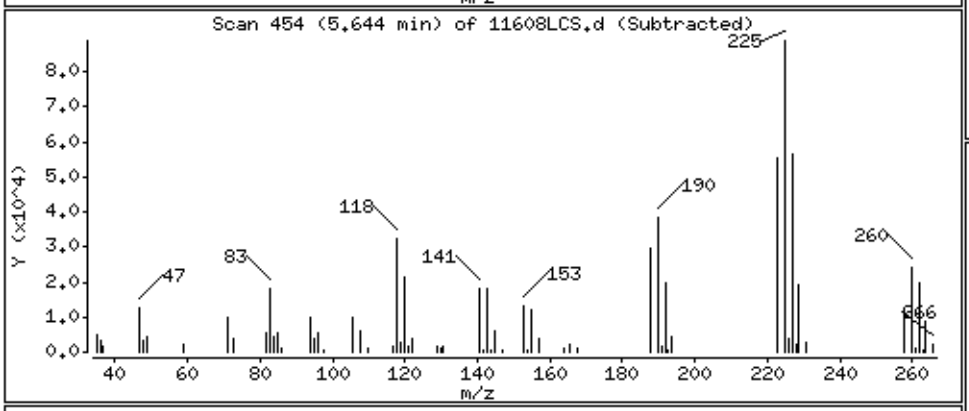
Column phase: HPMS-5

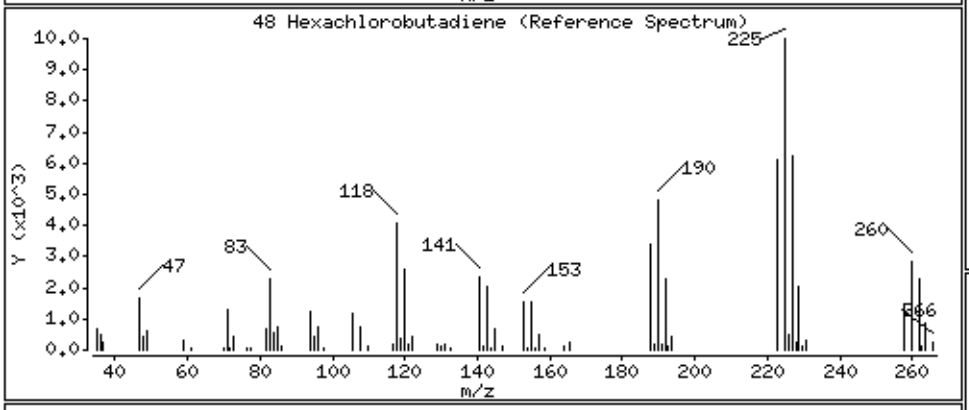
Column diameter: 0.25

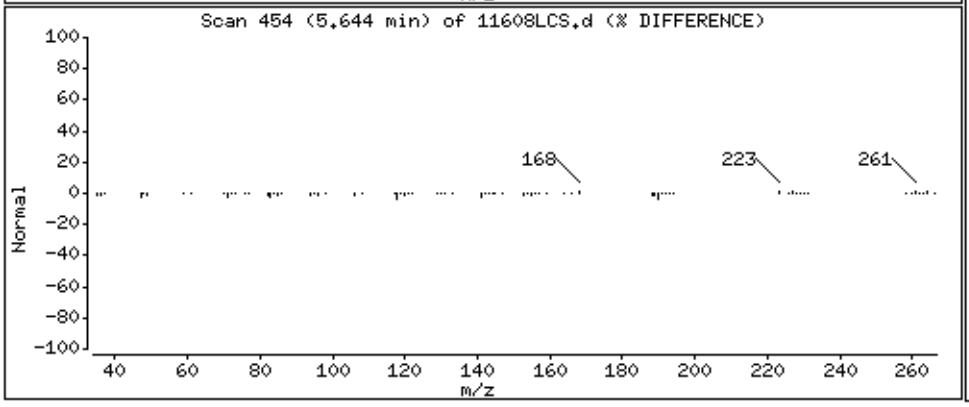
48 Hexachlorobutadiene

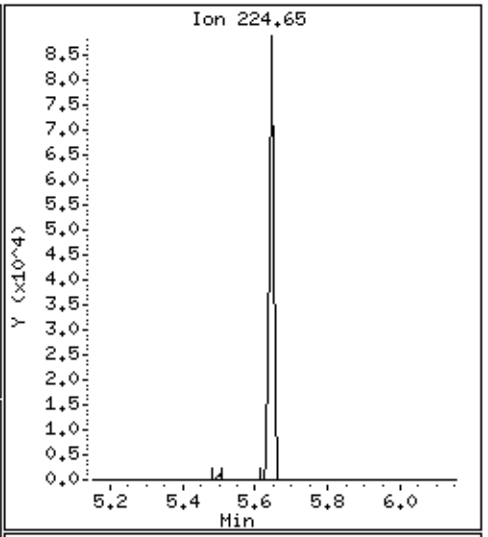
Concentration: 1840 ug/kg

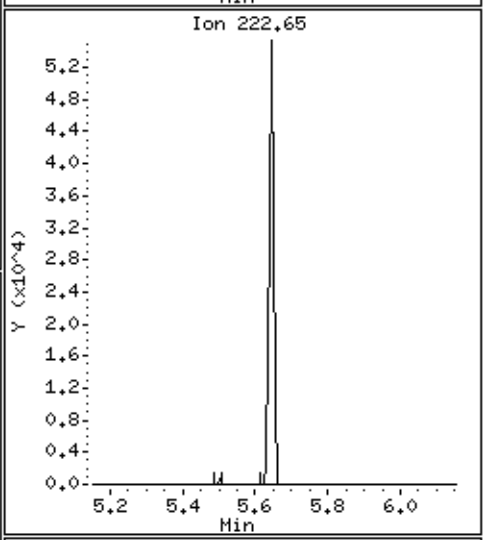


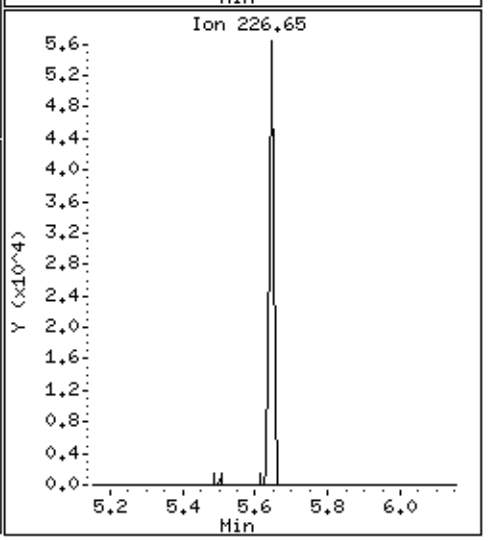












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Sample Info: SW154211LCS

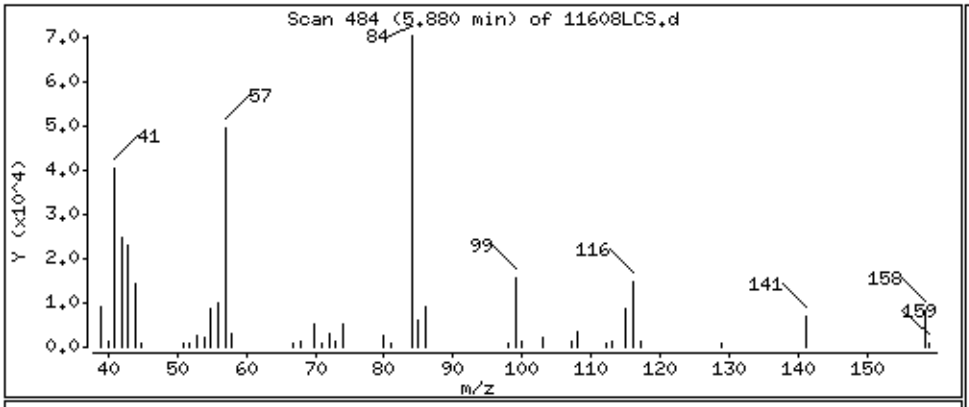
Operator: MJ

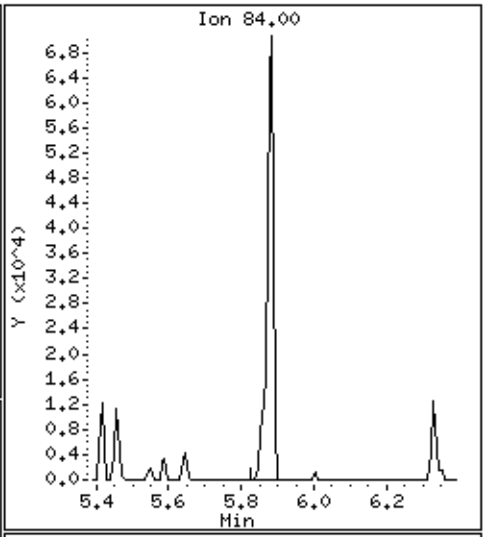
Column phase: HPMS-5

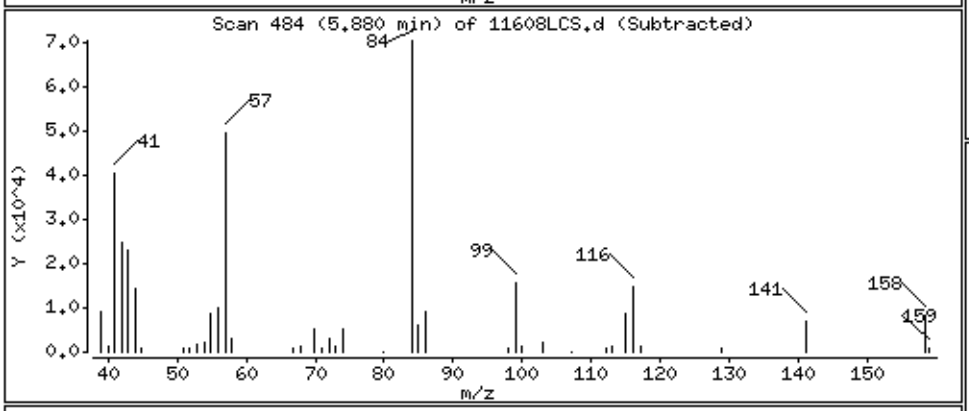
Column diameter: 0.25

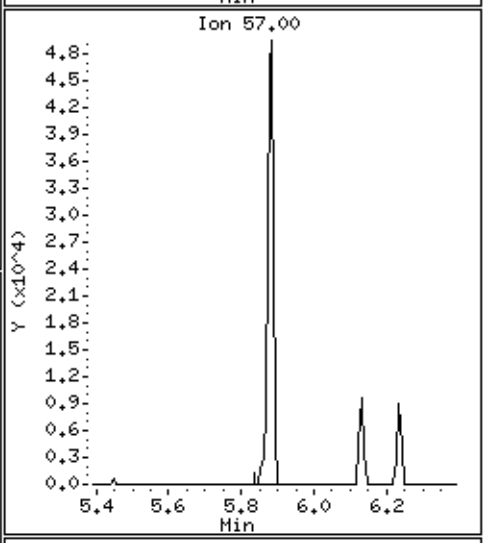
49 N-Nitrosodi-n-butylamine

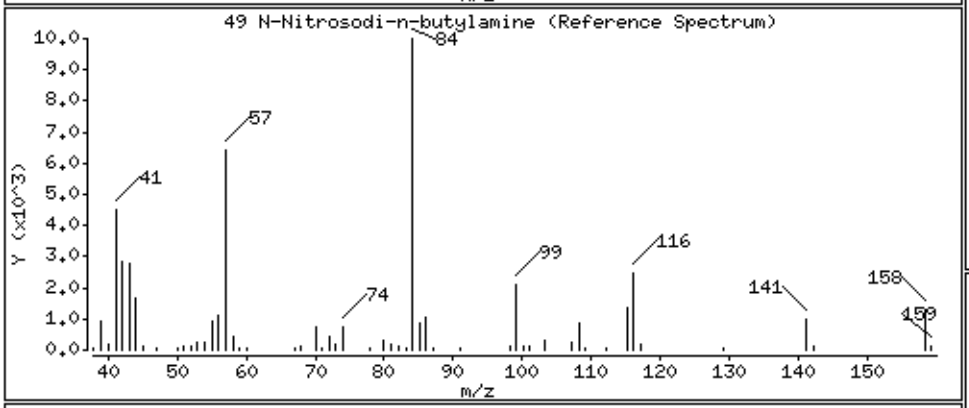
Concentration: 1820 ug/kg

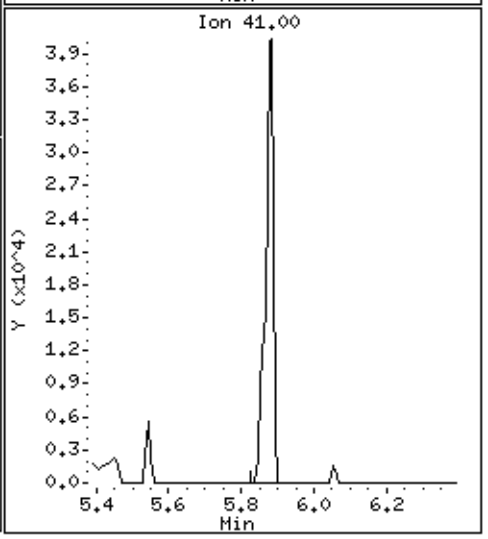


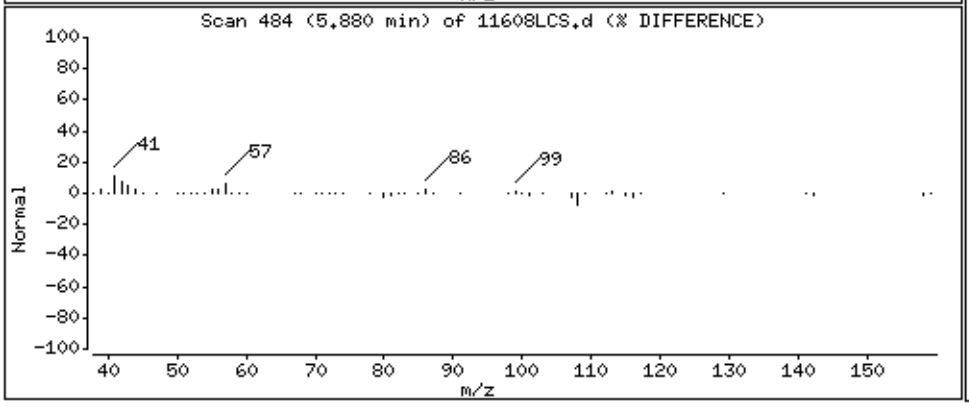












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Sample Info: SW154211LCS

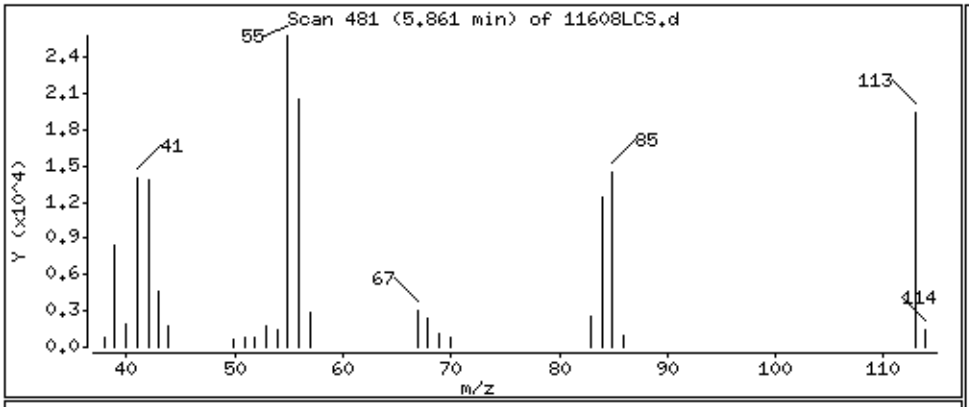
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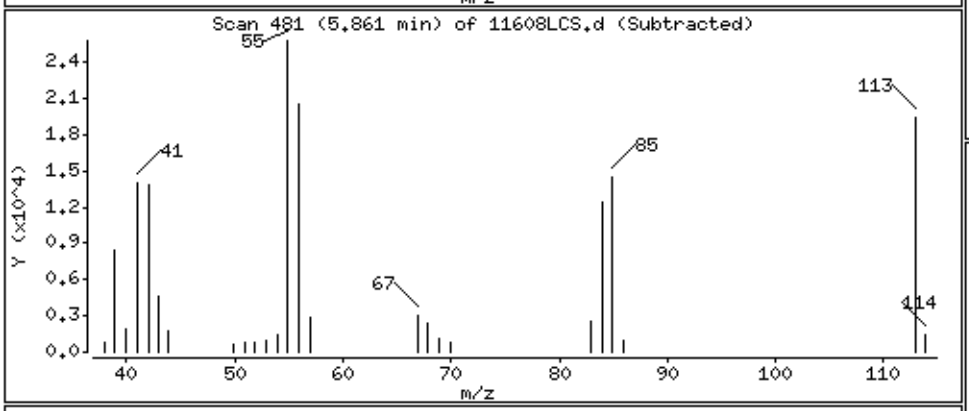
Column phase: HPMS-5

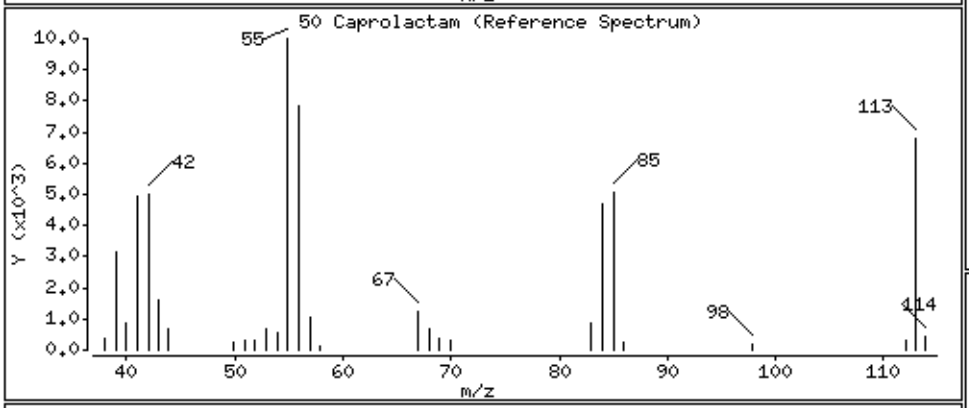
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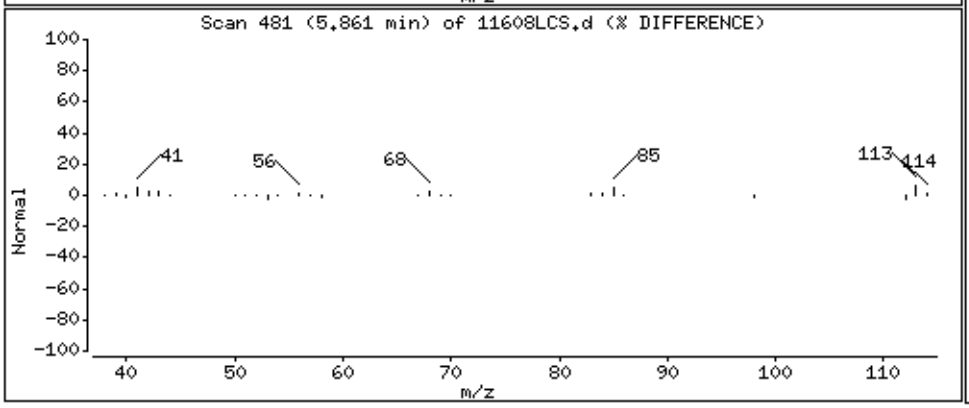
50 Caprolactam

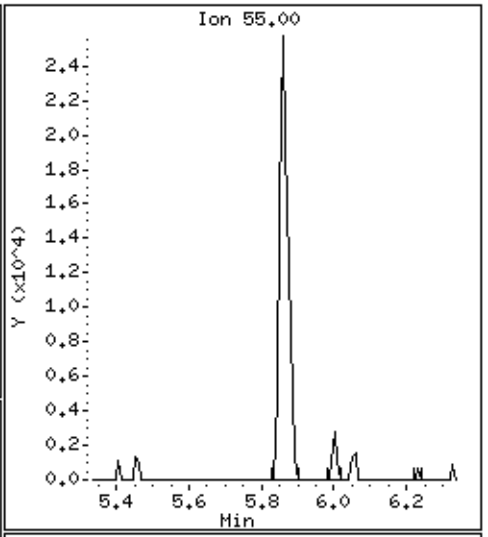
Concentration: 1760 ug/kg

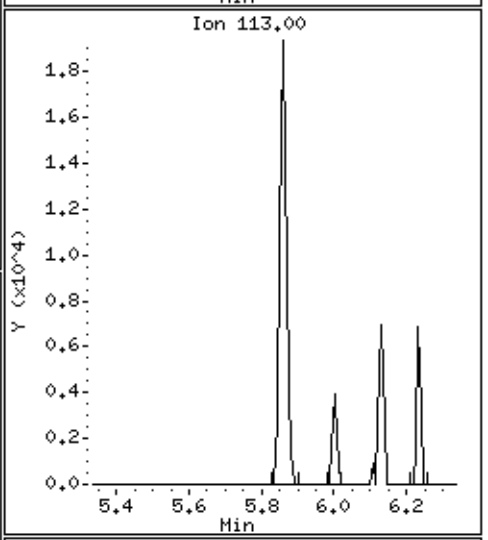


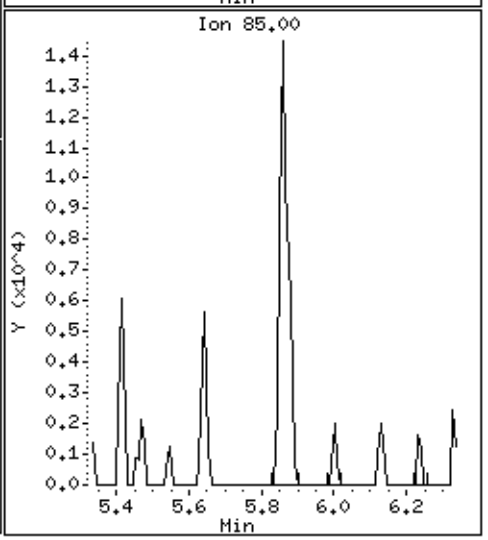












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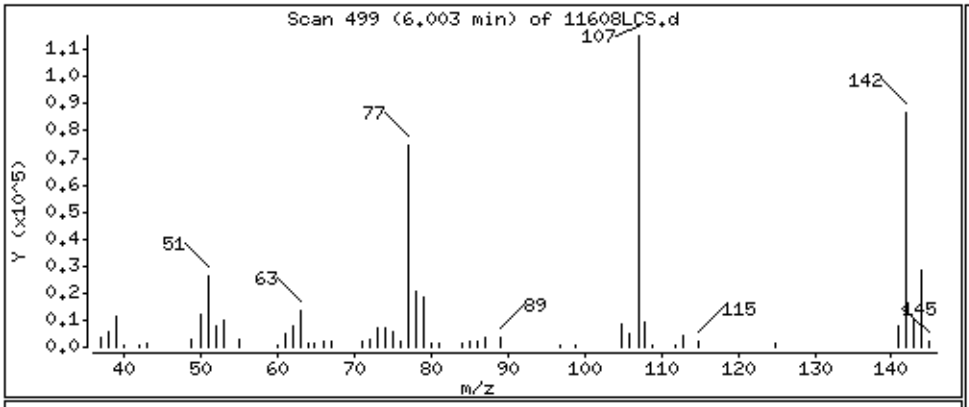
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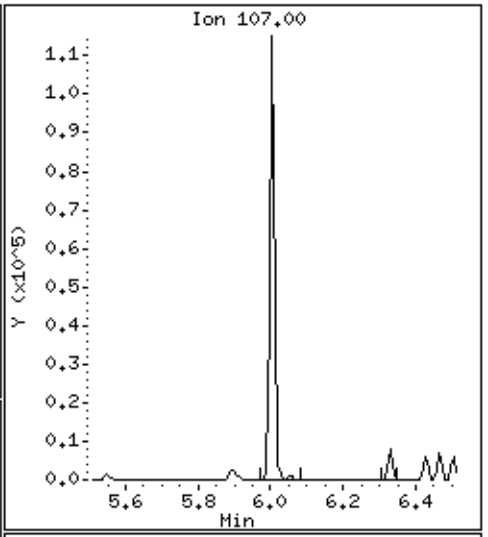
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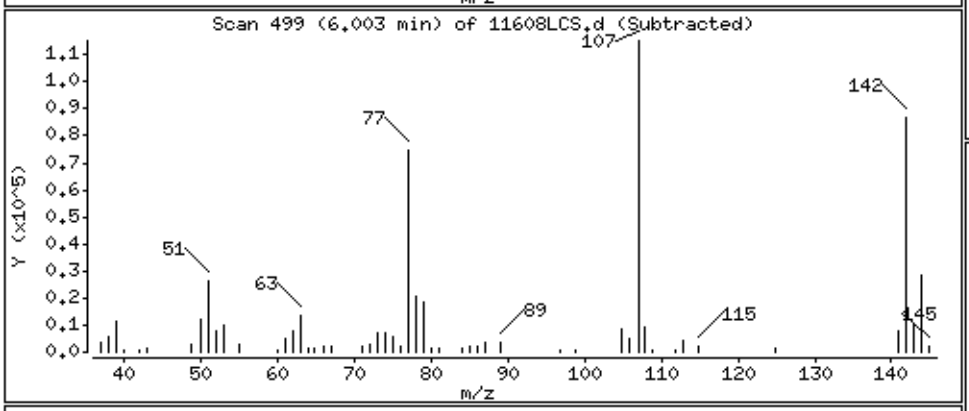
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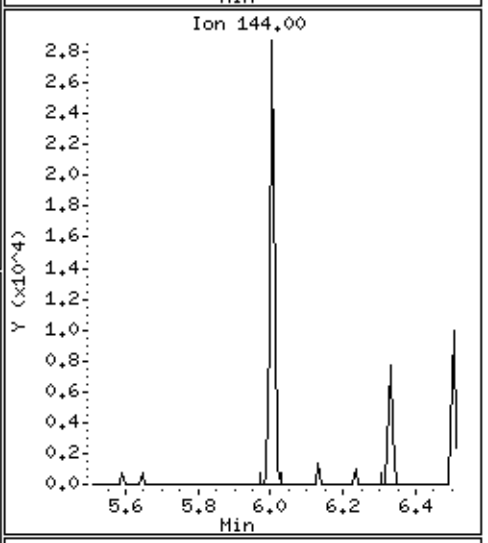
51 4-Chloro-3-methylphenol

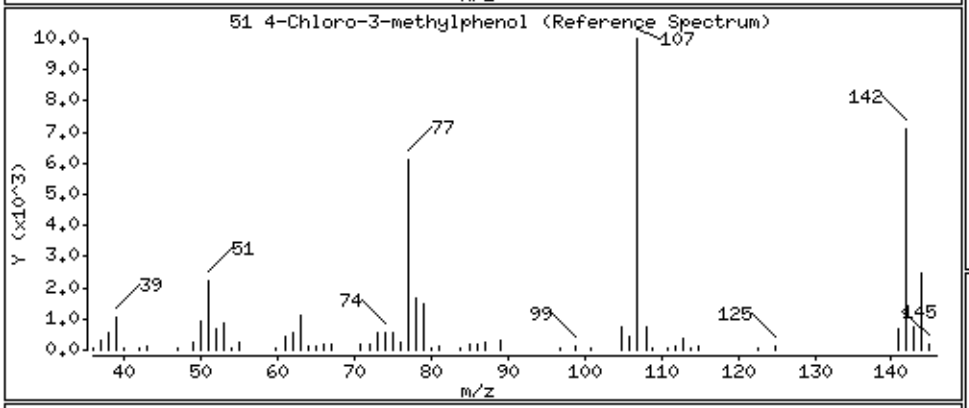
Concentration: 1830 ug/kg

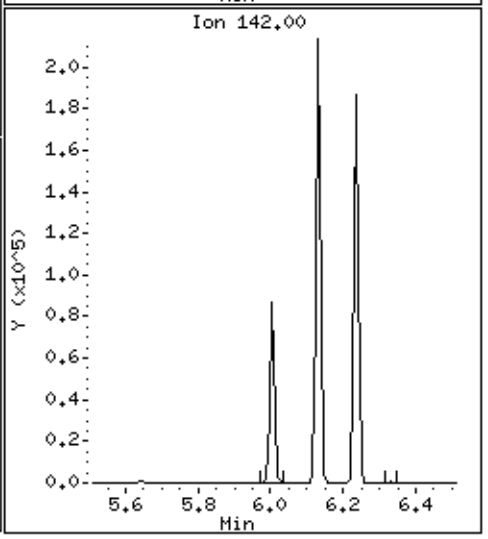


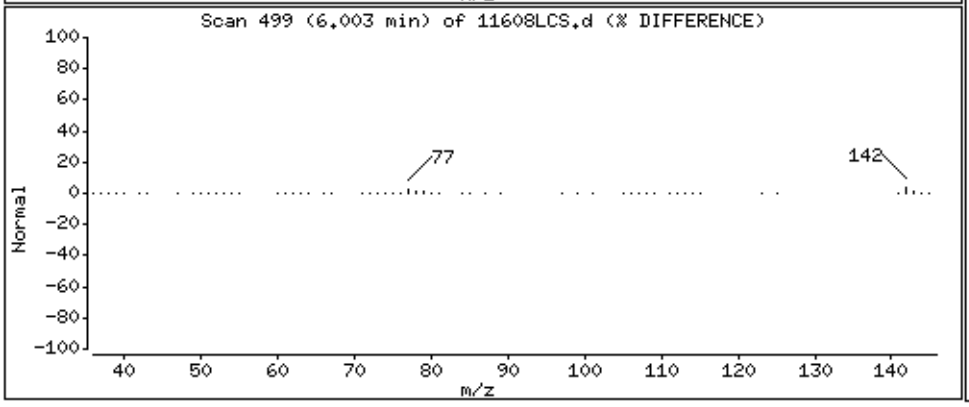












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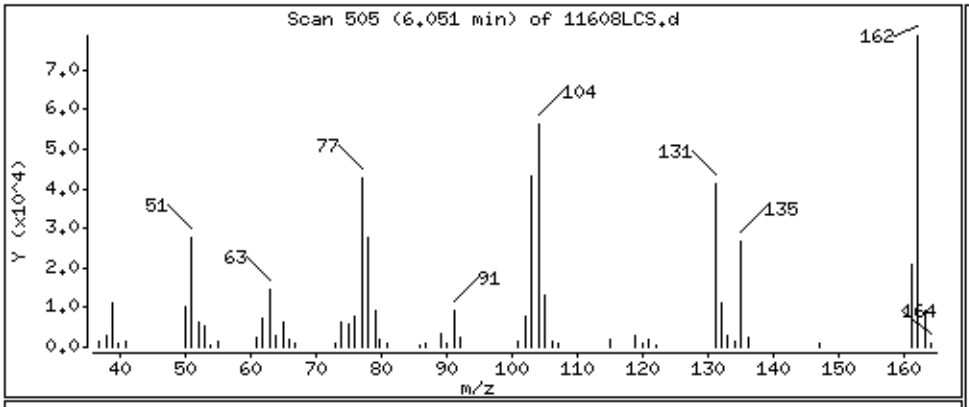
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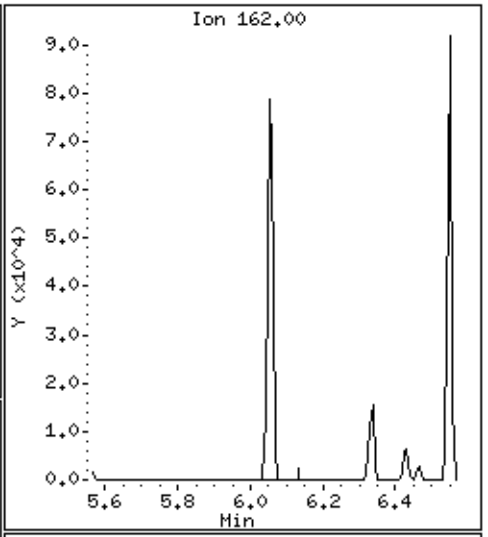
Column phase: HPMS-5

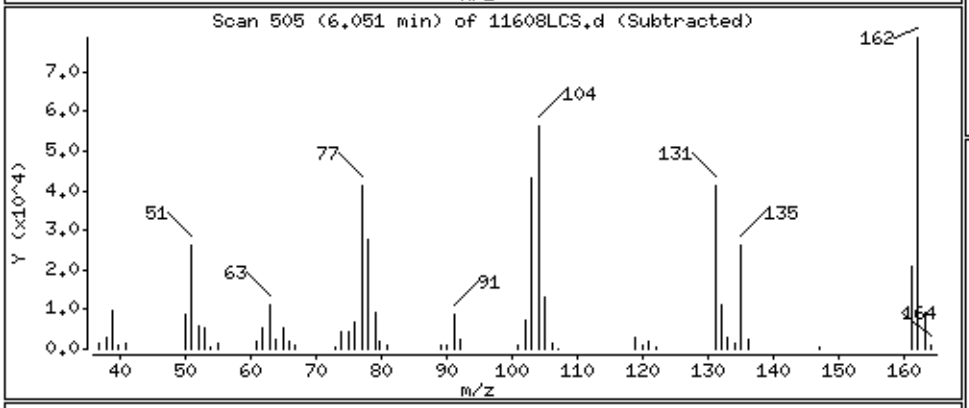
Column diameter: 0.25

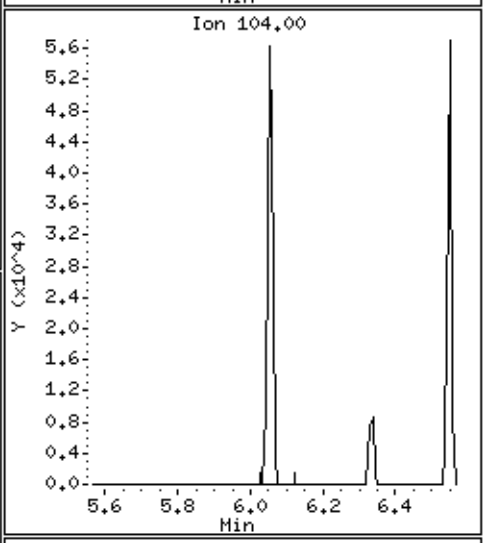
52 Isosafrole

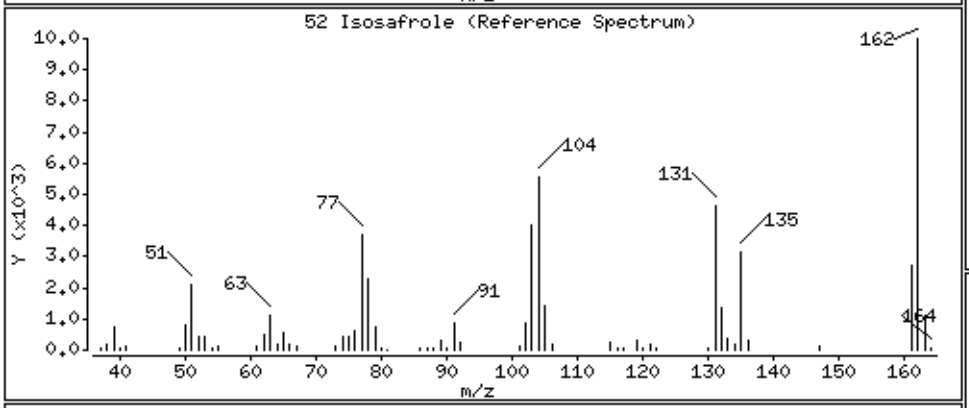
Concentration: 1820 ug/kg

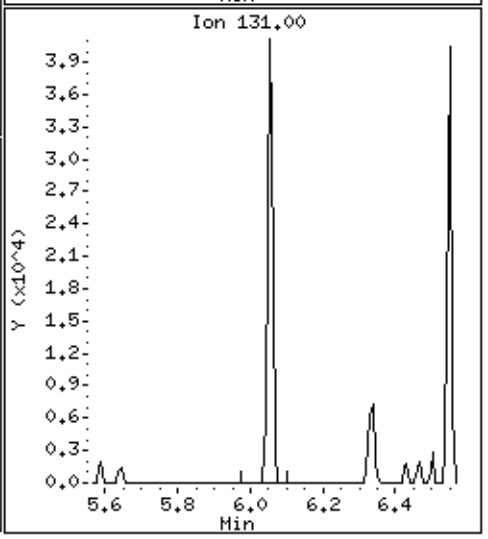


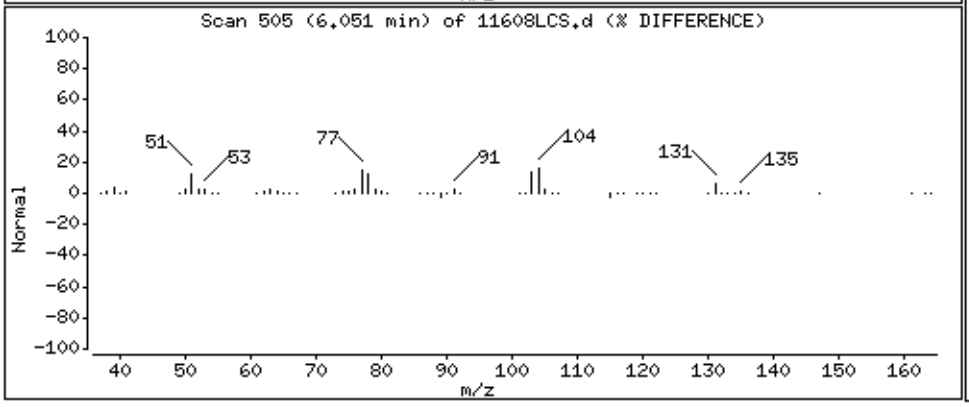












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Sample Info: SW154211LCS

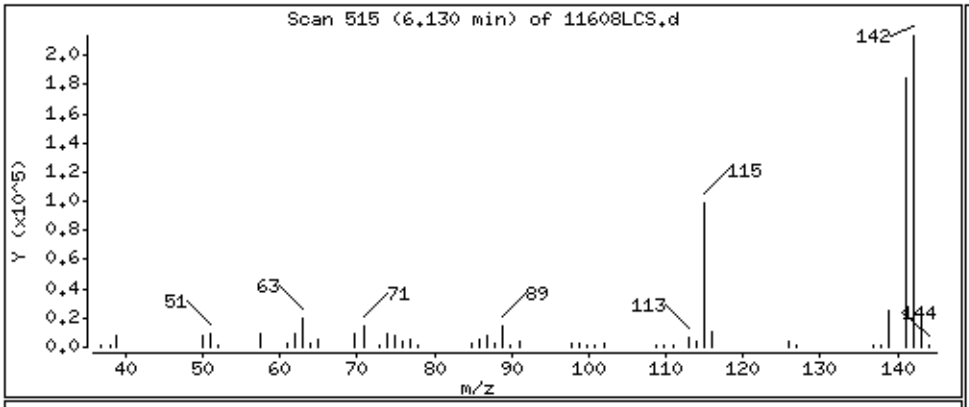
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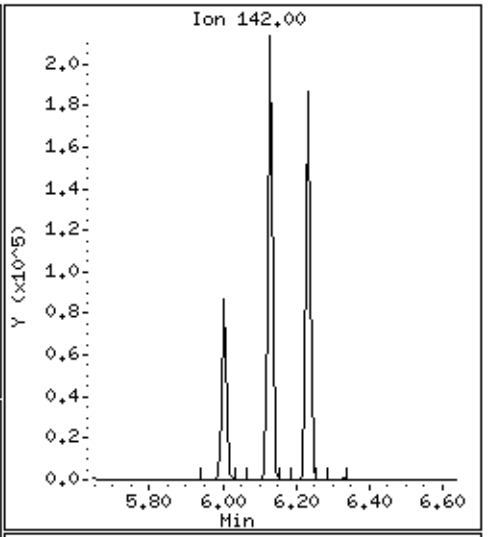
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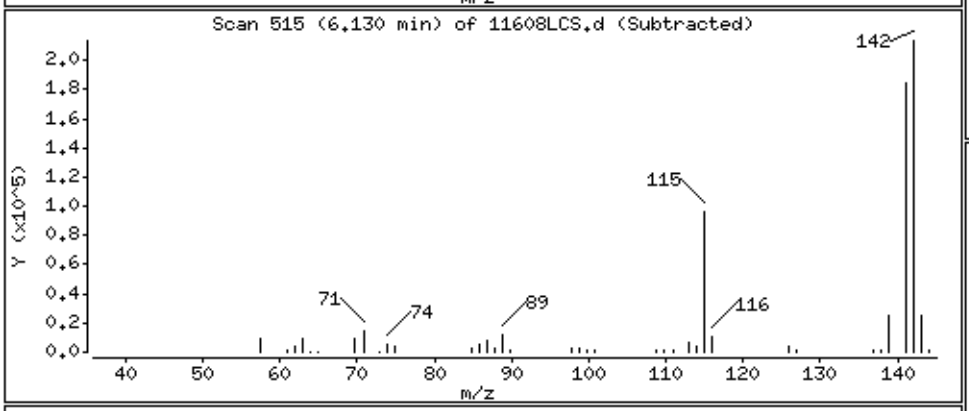
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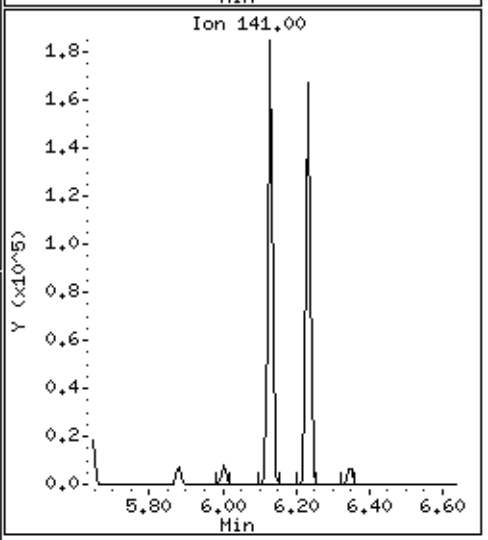
53 2-Methylnaphthalene

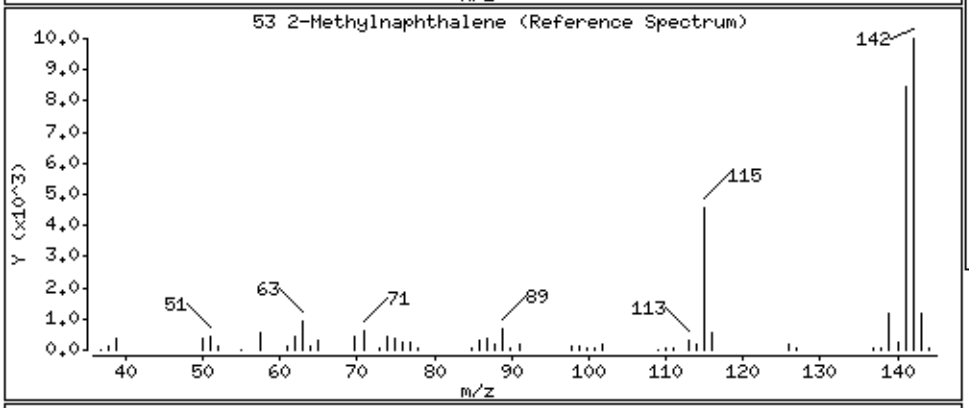
Concentration: 1770 ug/kg

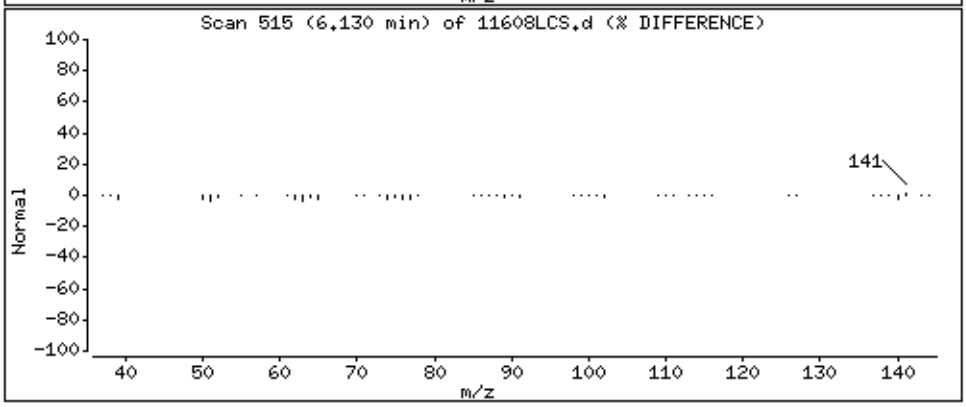












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

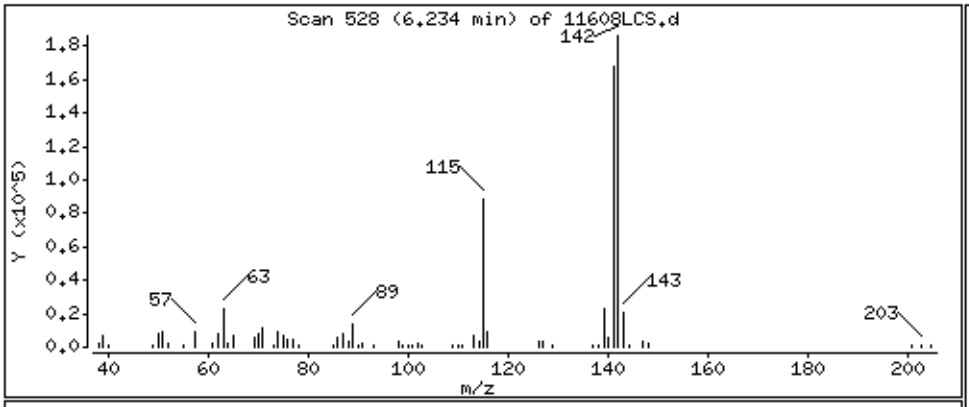
Operator: MJ

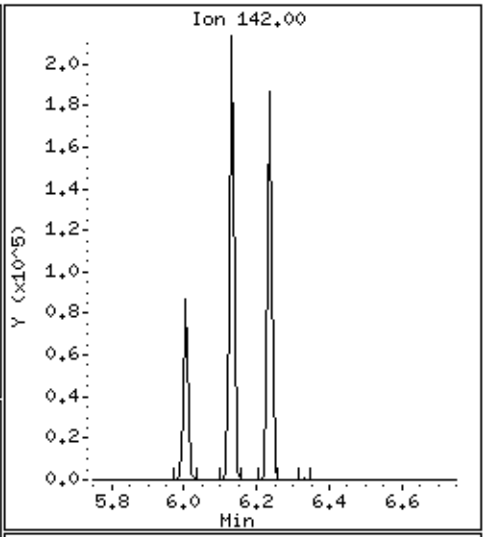
Column phase: HPMS-5

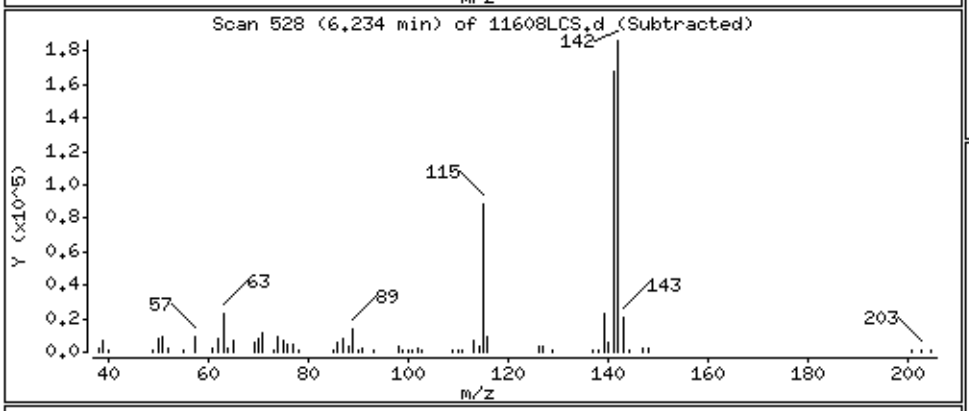
Column diameter: 0.25

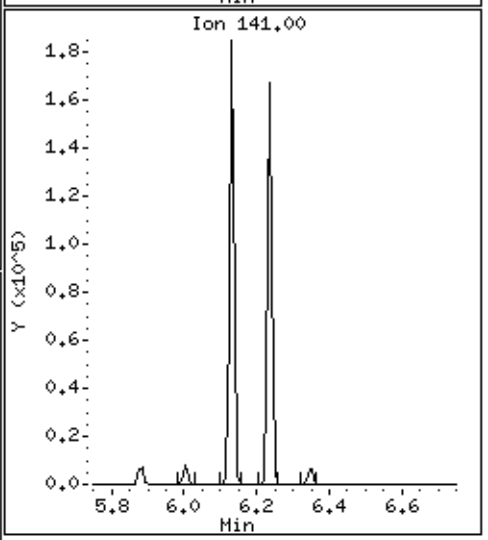
54 1-Methylnaphthalene

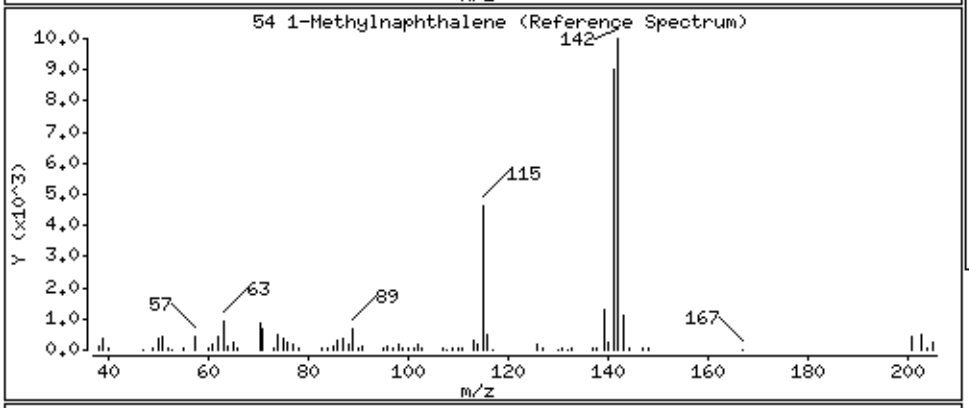
Concentration: 1700 ug/kg

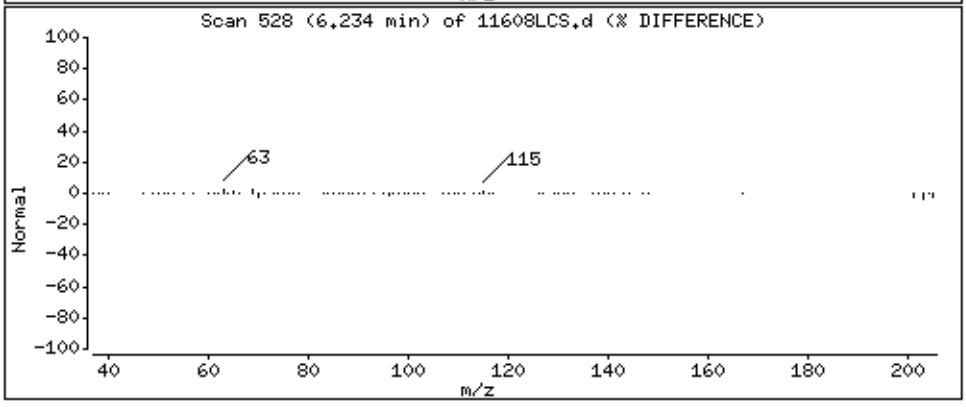












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

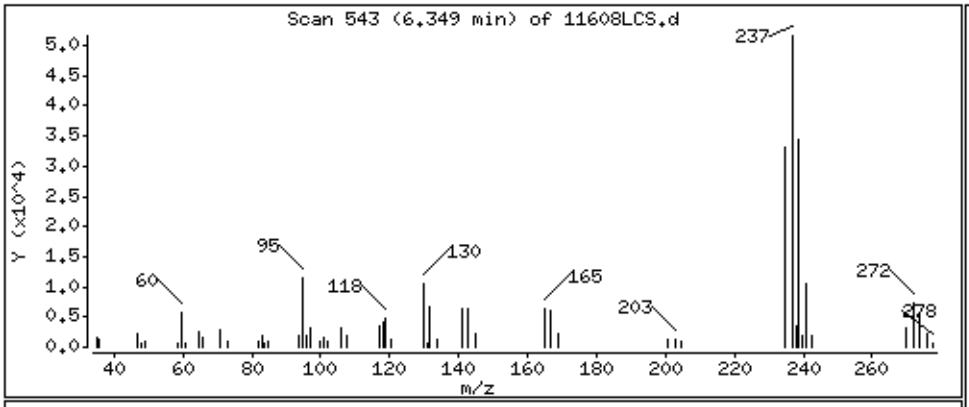
Operator: MJ

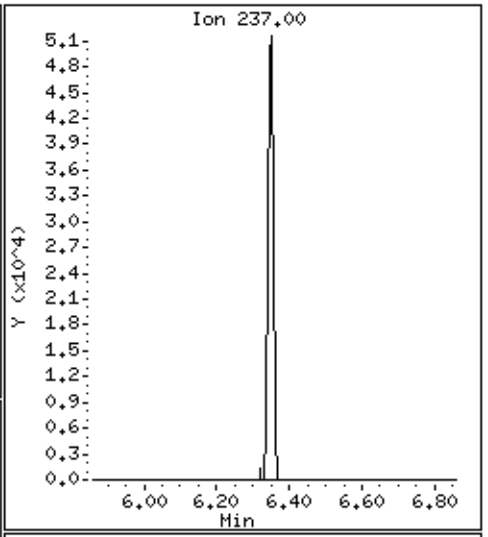
Column phase: HPMS-5

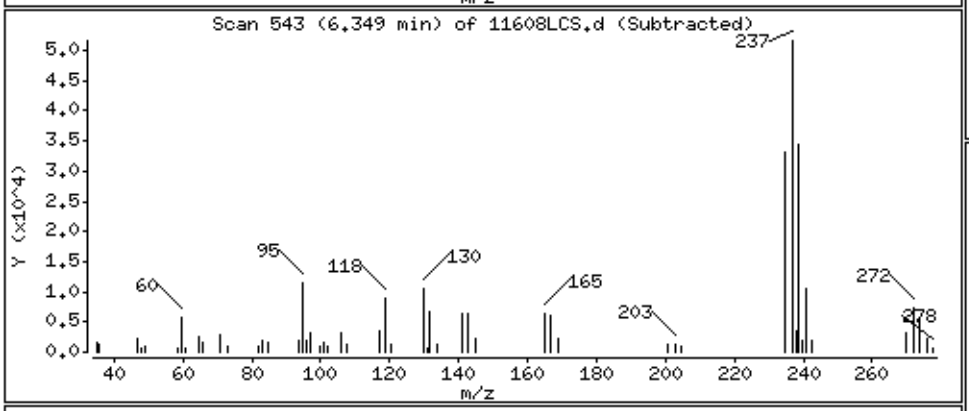
Column diameter: 0.25

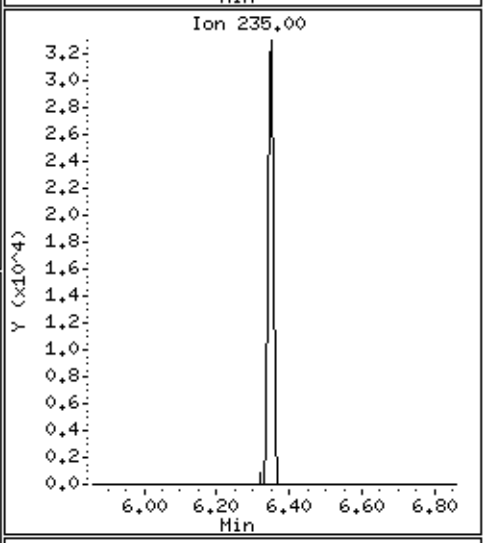
55 Hexachlorocyclopentadiene

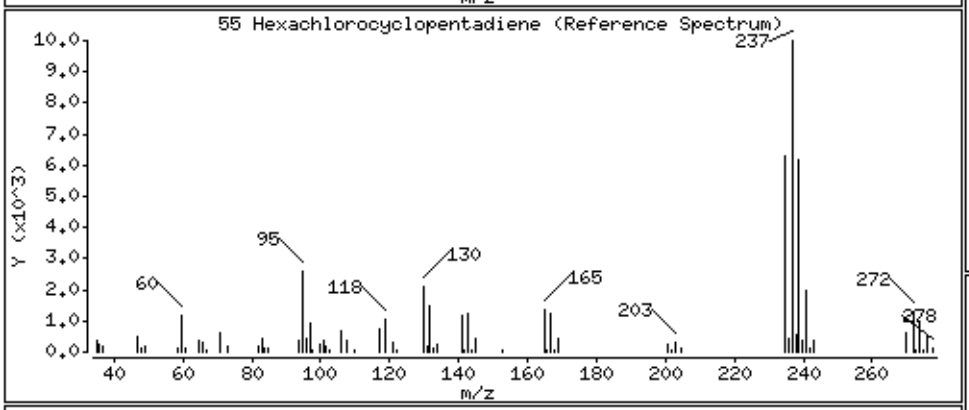
Concentration: 1410 ug/kg

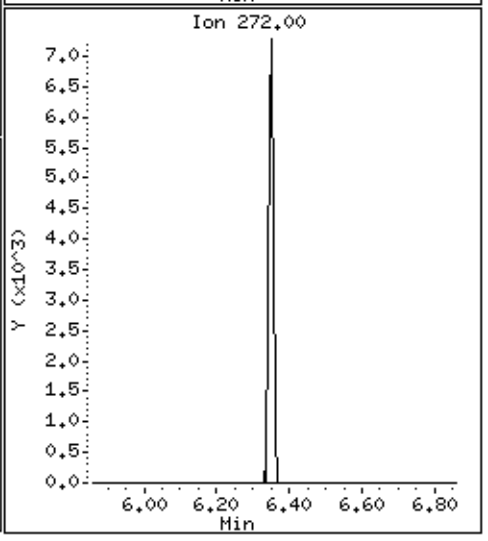


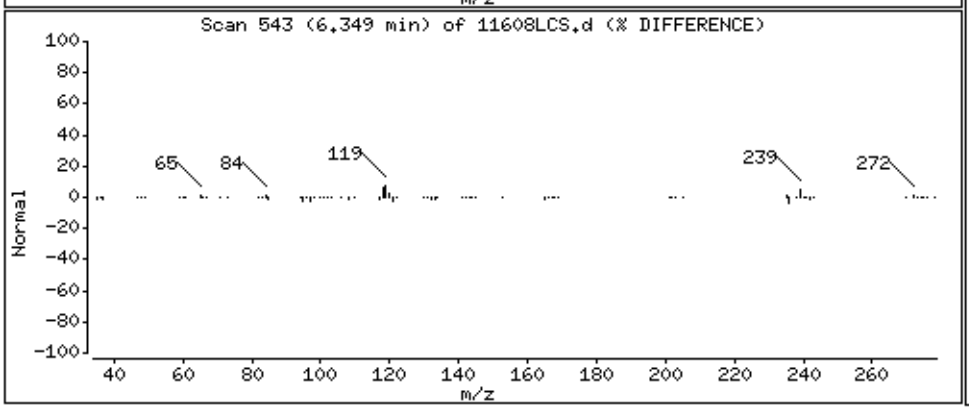












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

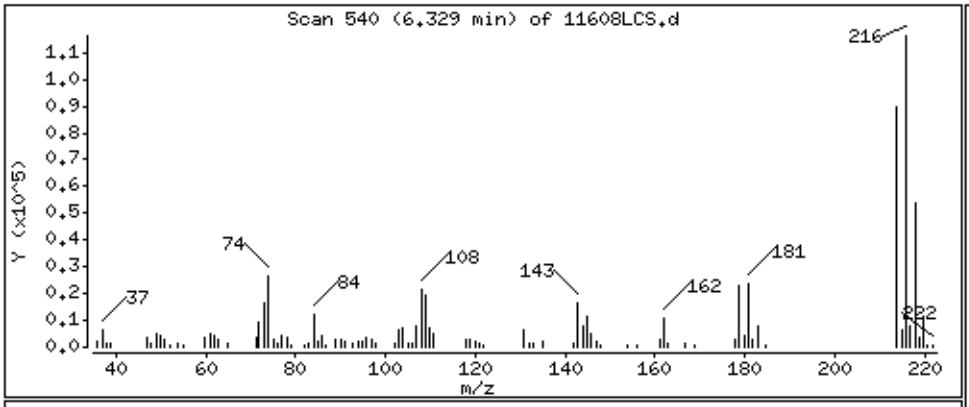
Operator: MJ

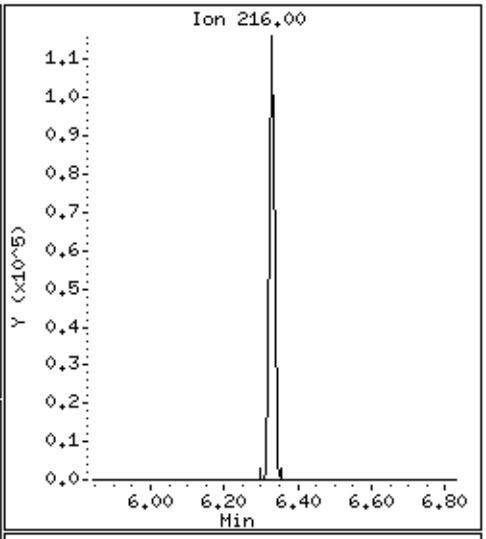
Column phase: HPMS-5

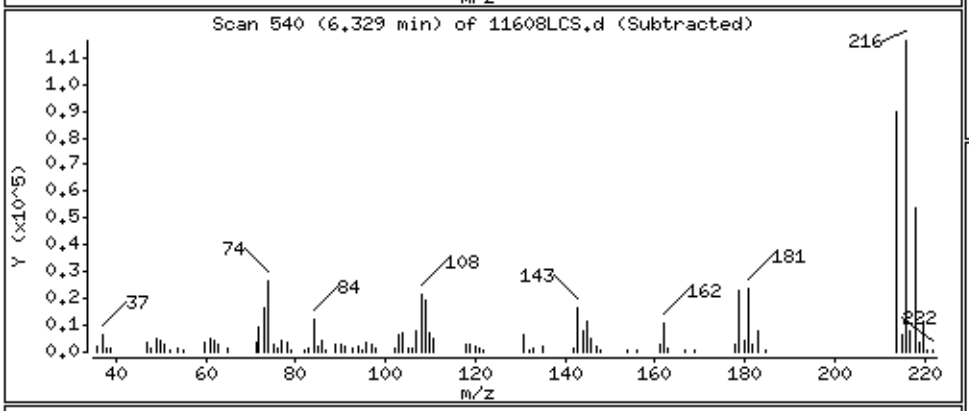
Column diameter: 0.25

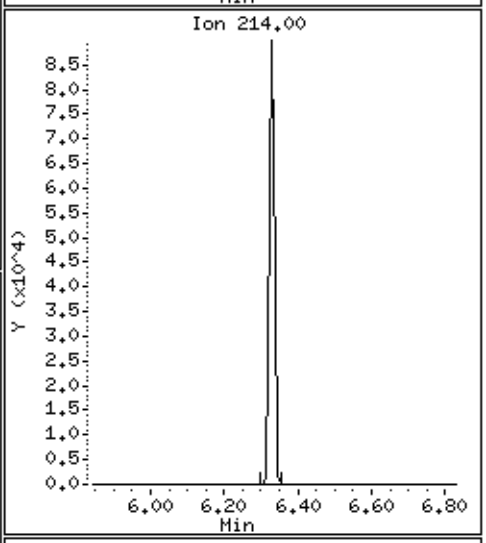
56 1,2,4,5-Tetrachlorobenzene

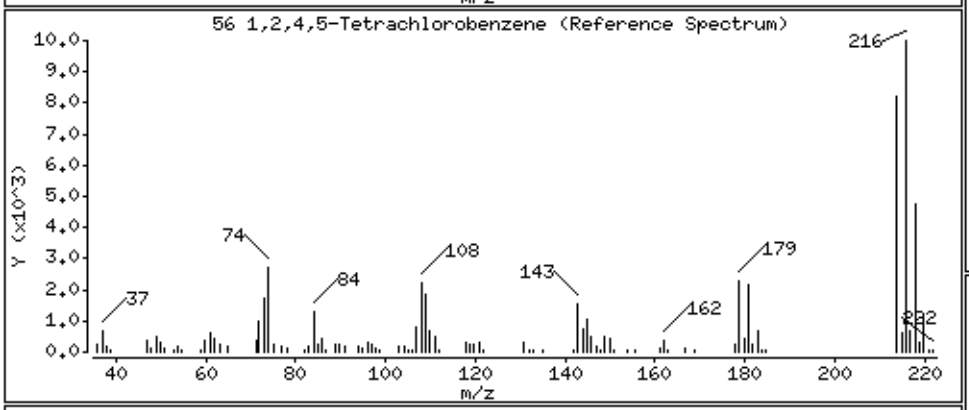
Concentration: 1590 ug/kg

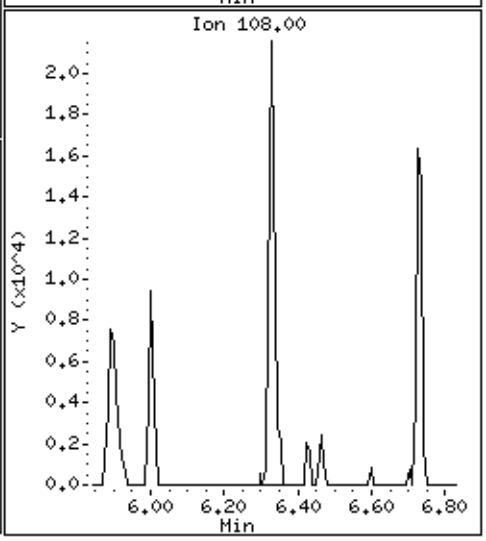


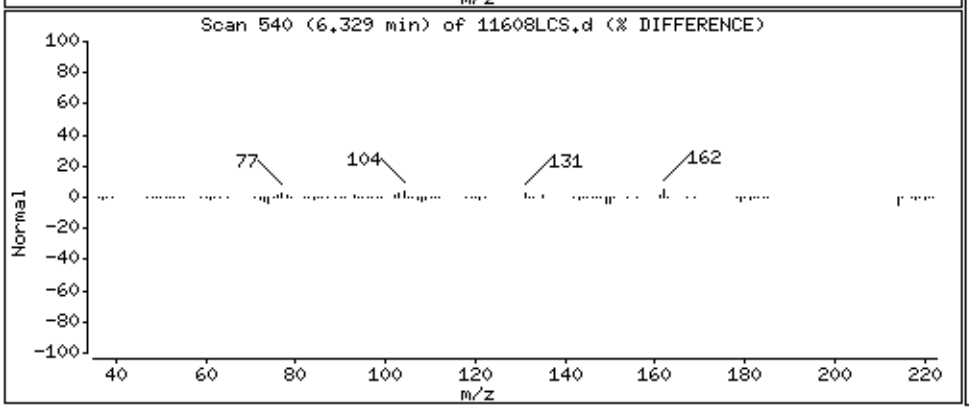












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

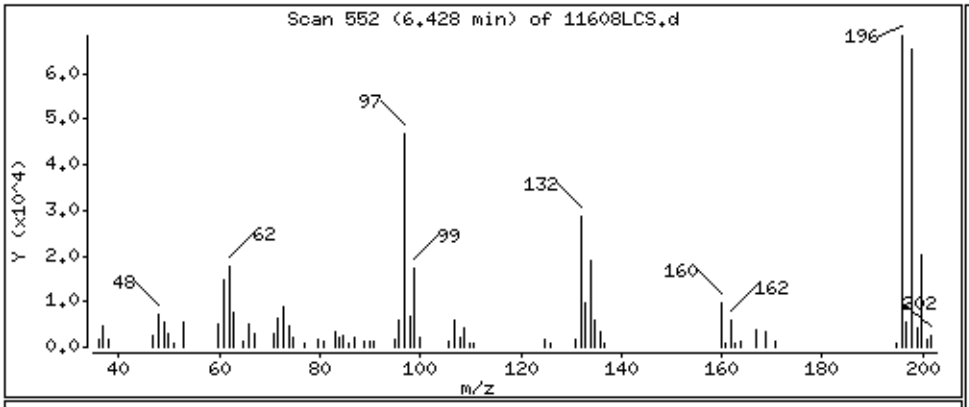
Operator: MJ

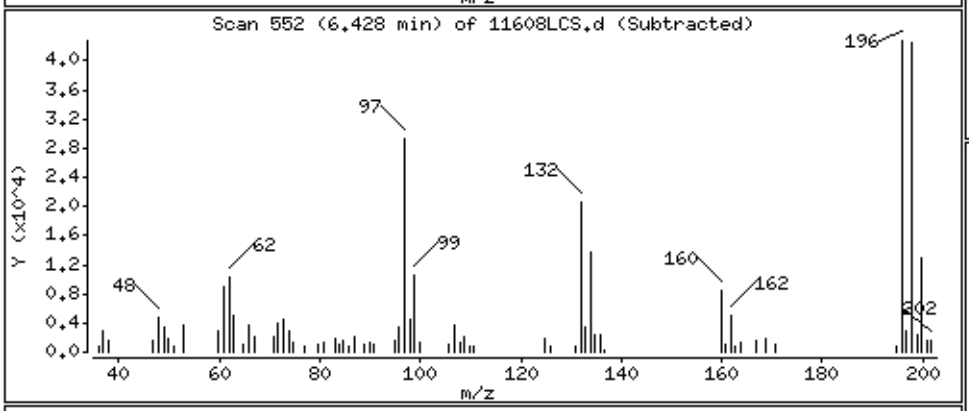
Column phase: HPMS-5

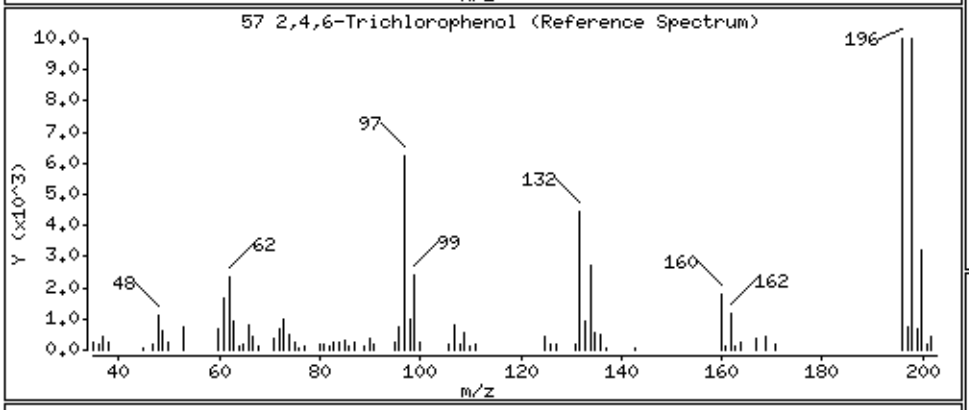
Column diameter: 0.25

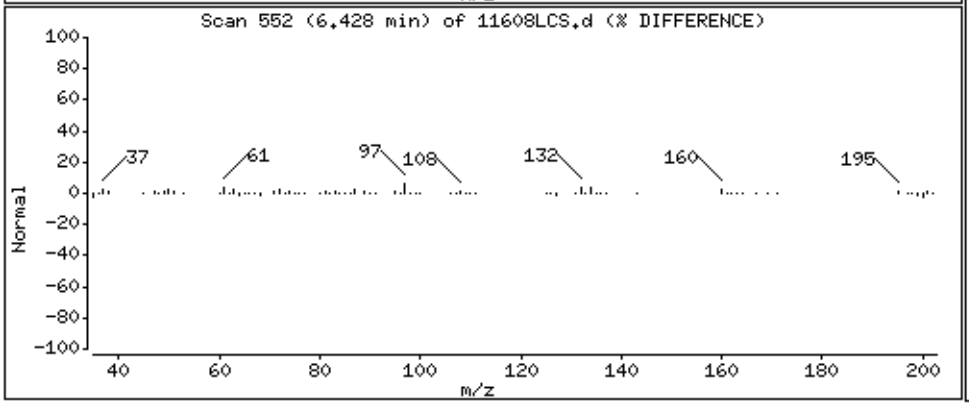
57 2,4,6-Trichlorophenol

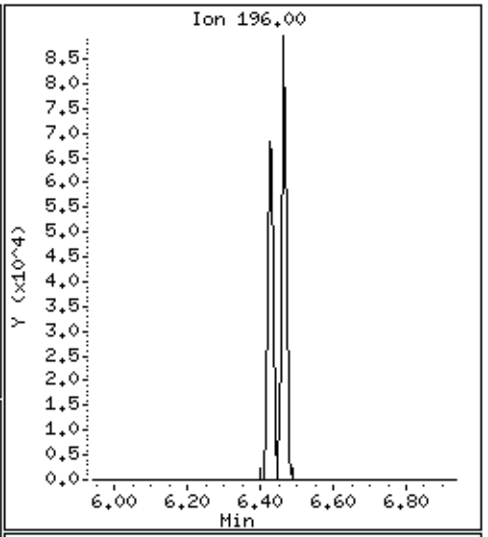
Concentration: 1840 ug/kg

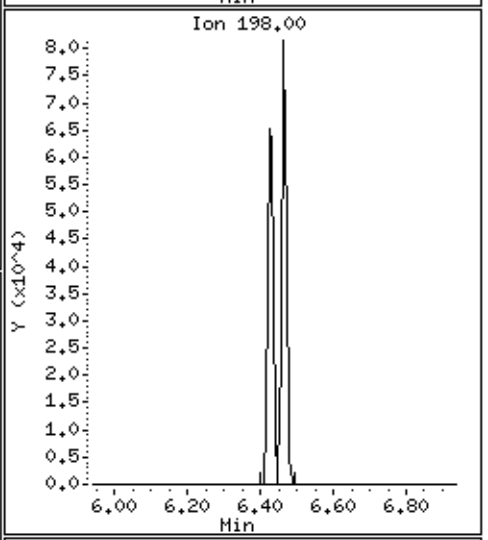


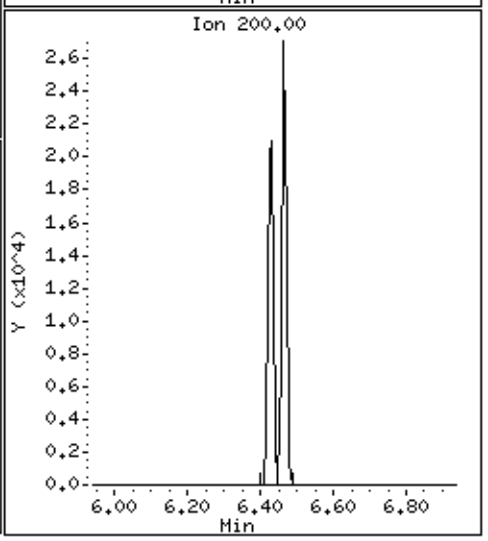












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

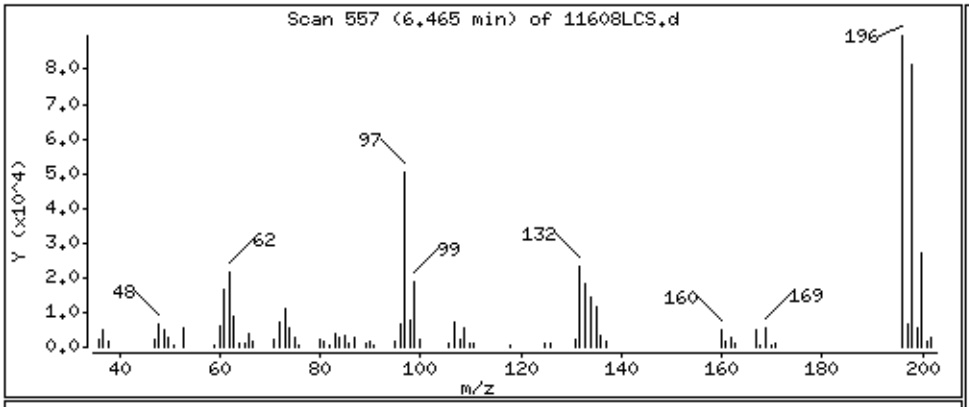
Operator: MJ

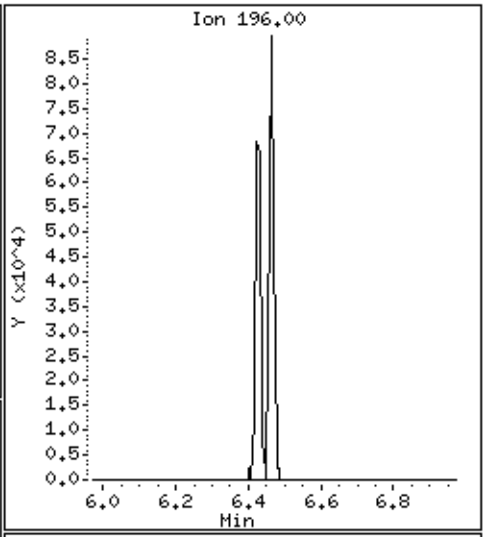
Column phase: HPMS-5

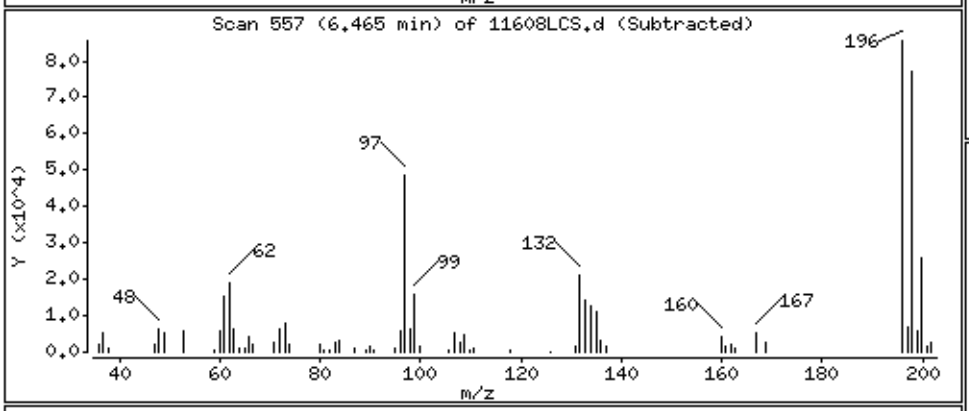
Column diameter: 0.25

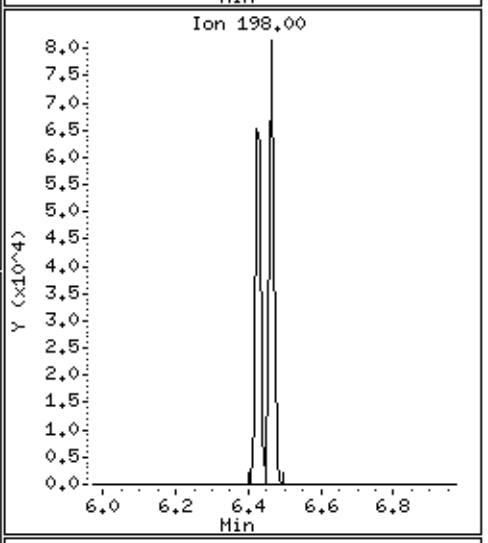
58 2,4,5-Trichlorophenol

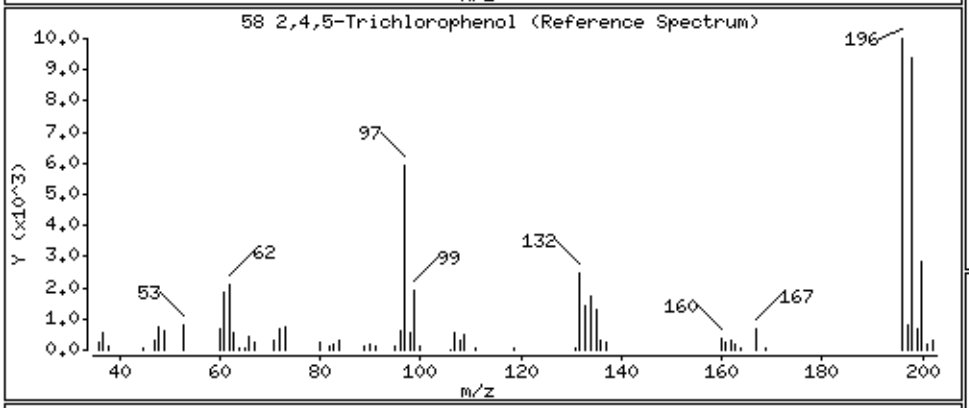
Concentration: 1910 ug/kg

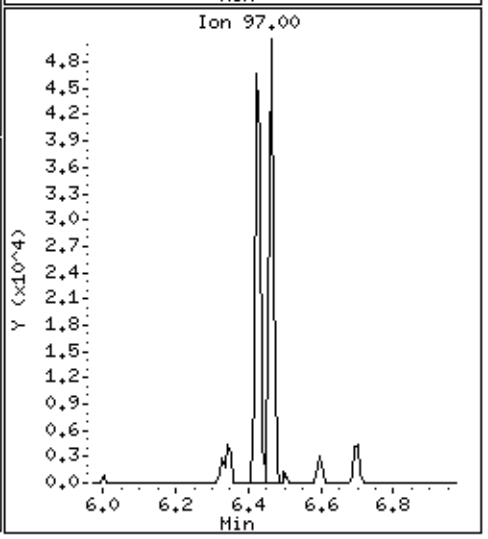


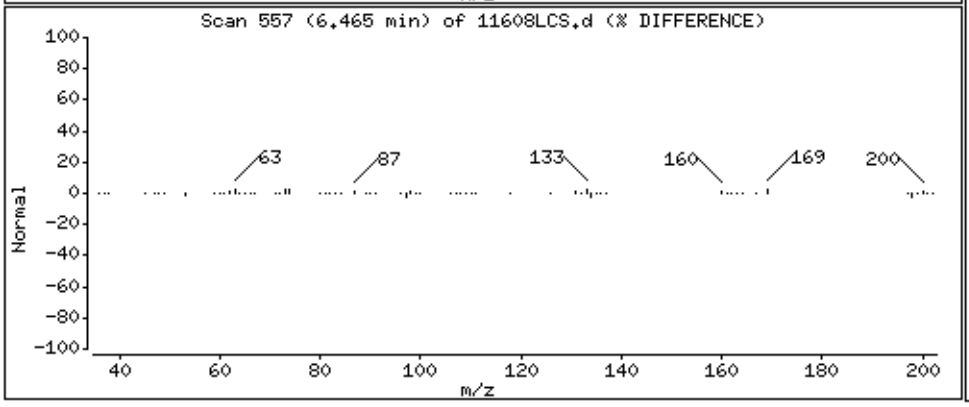












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

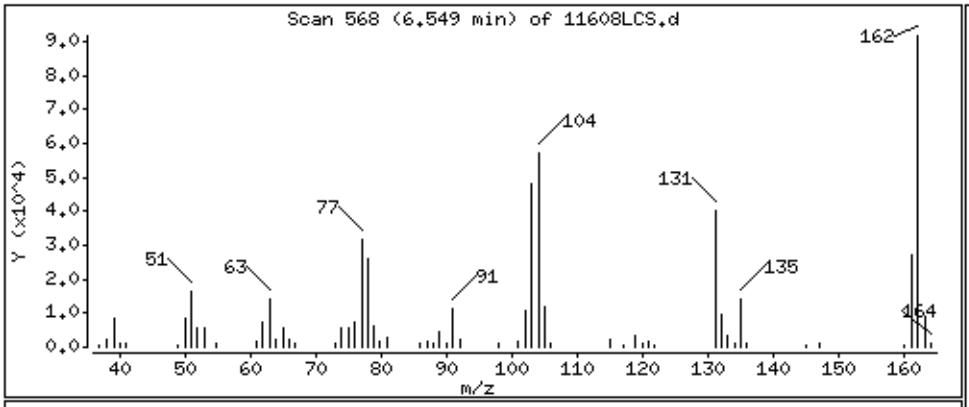
Operator: MJ

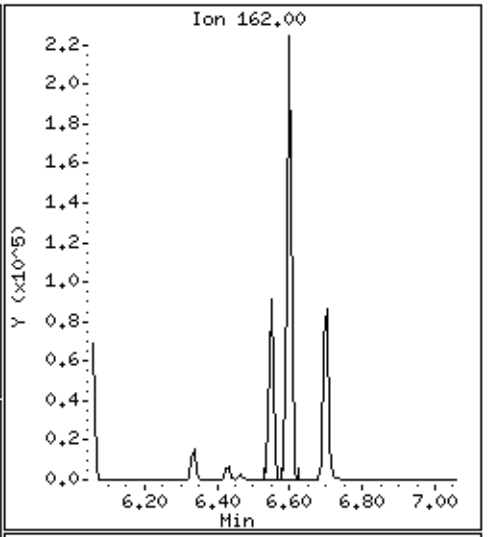
Column phase: HPMS-5

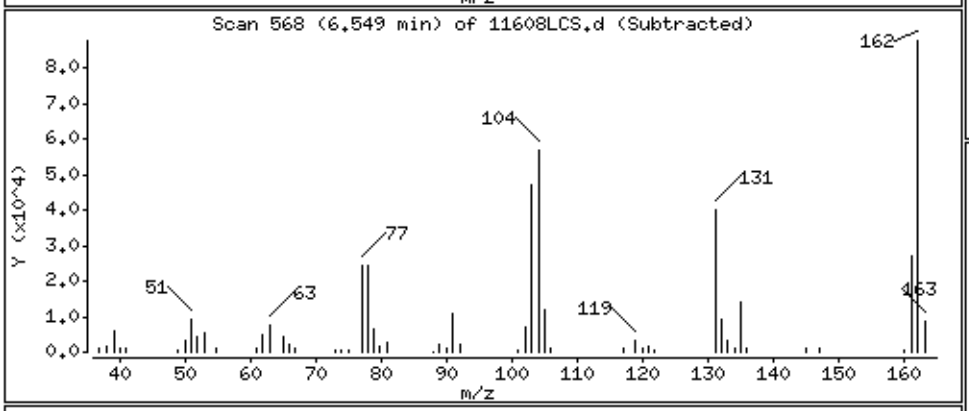
Column diameter: 0.25

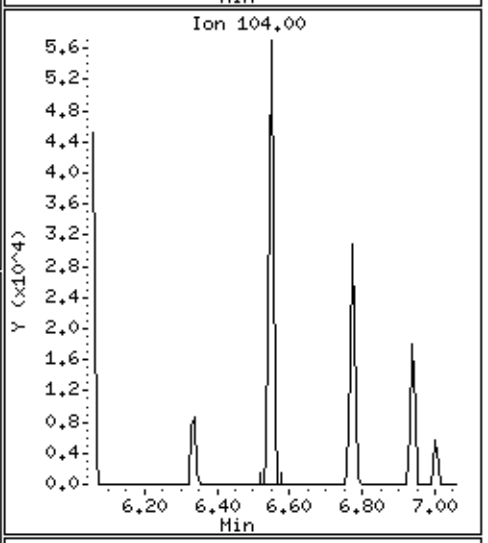
60 Safrole

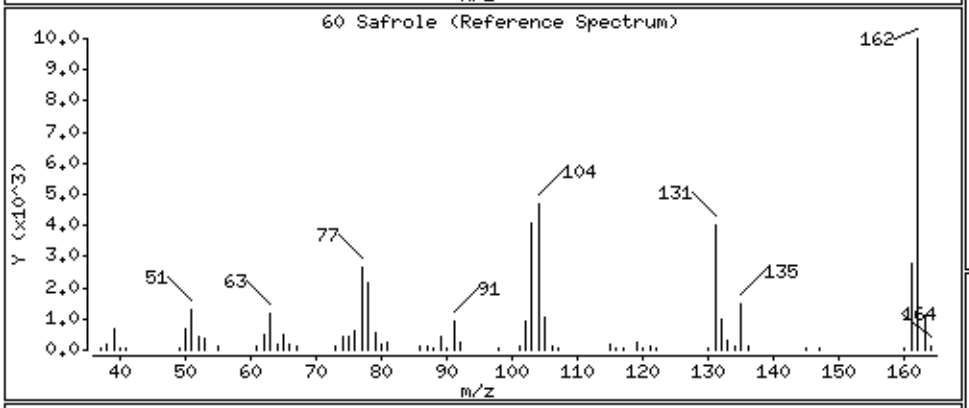
Concentration: 2140 ug/kg

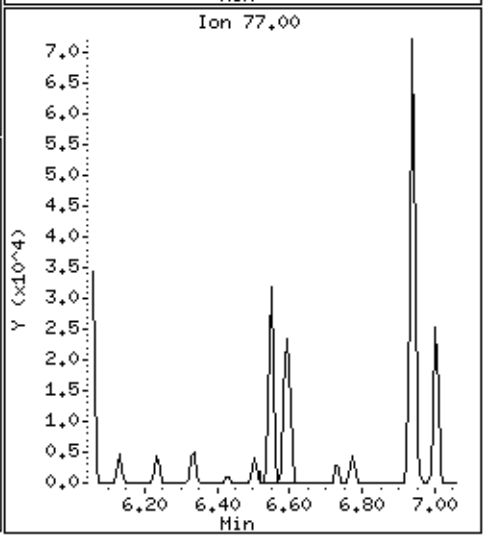


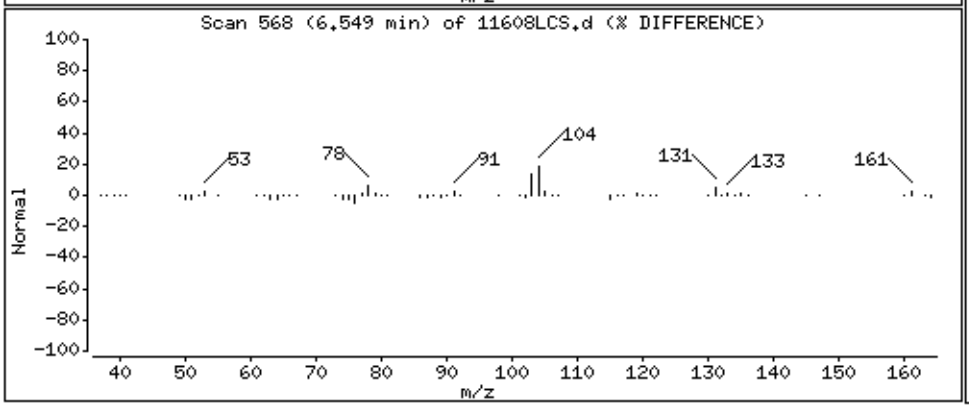












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

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Sample Info: SW154211LCS

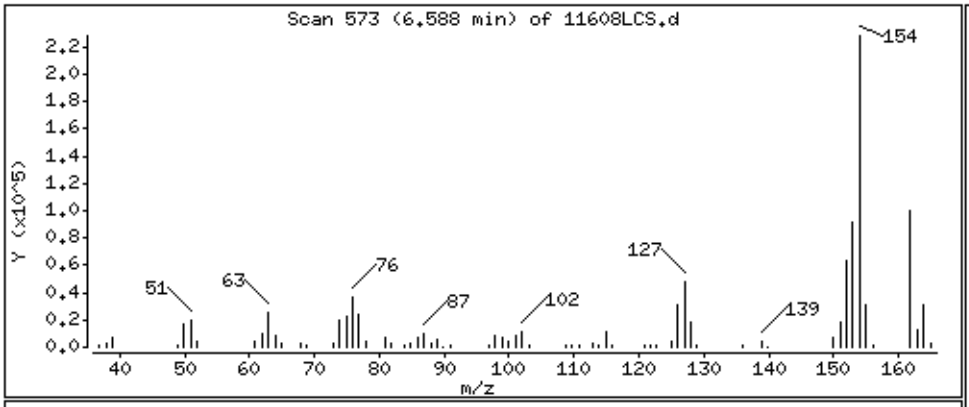
Operator: MJ

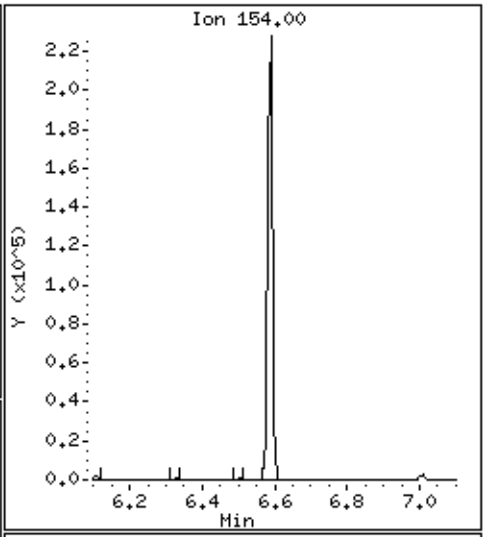
Column phase: HPMS-5

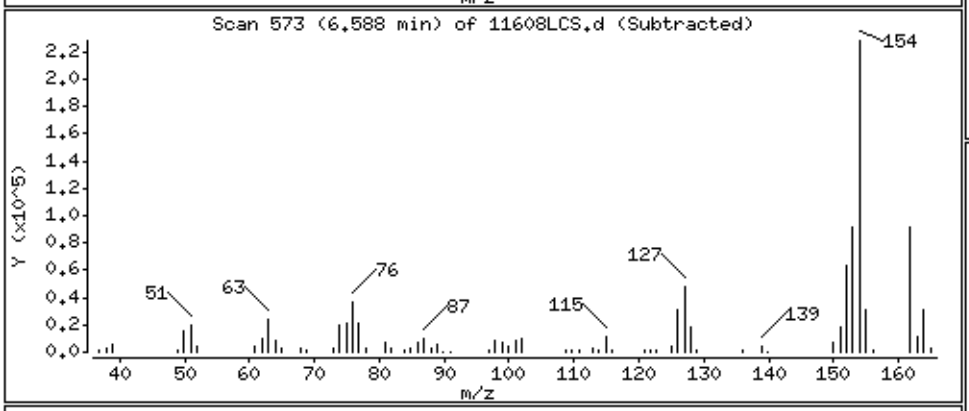
Column diameter: 0.25

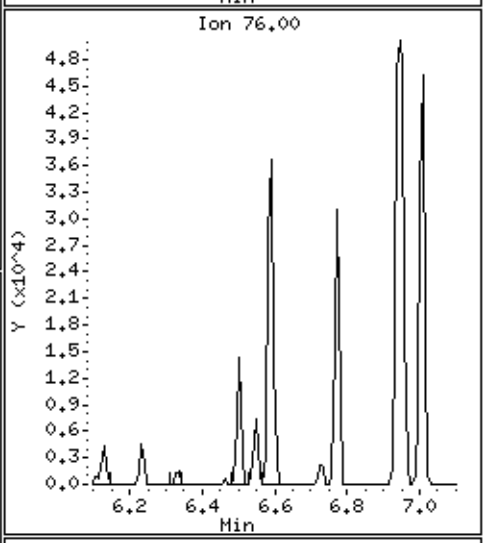
61 1,1-Biphenyl

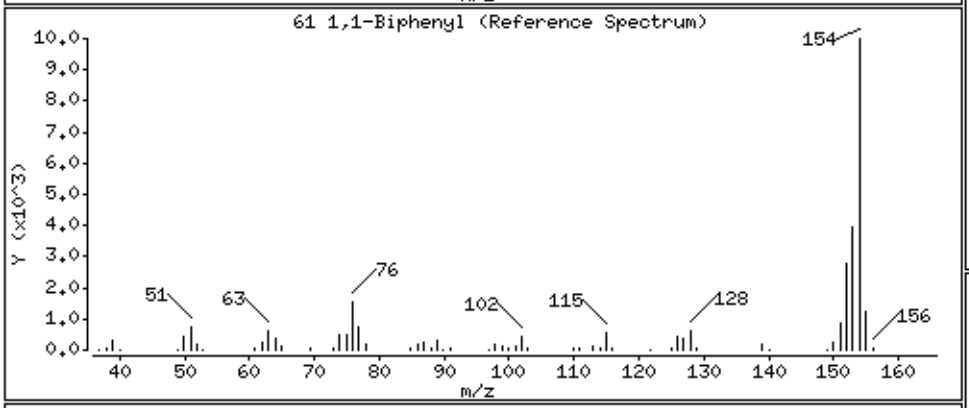
Concentration: 1540 ug/kg

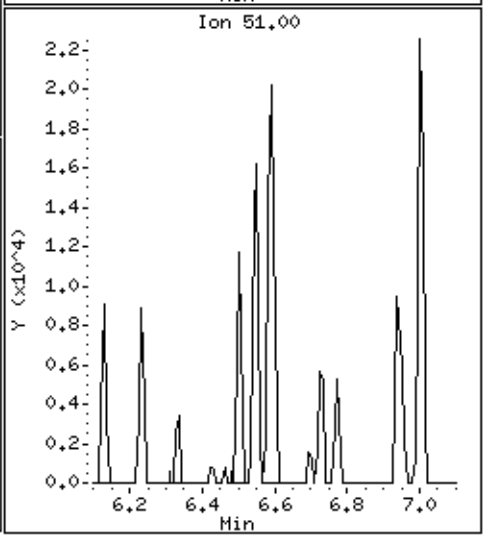


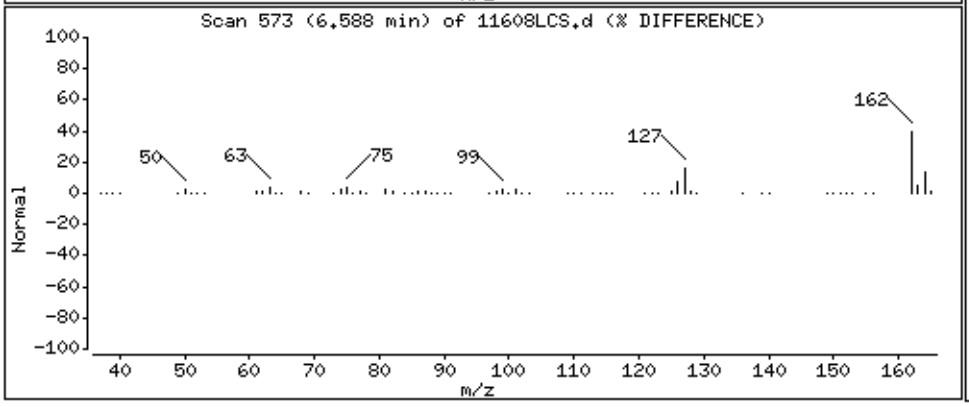












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

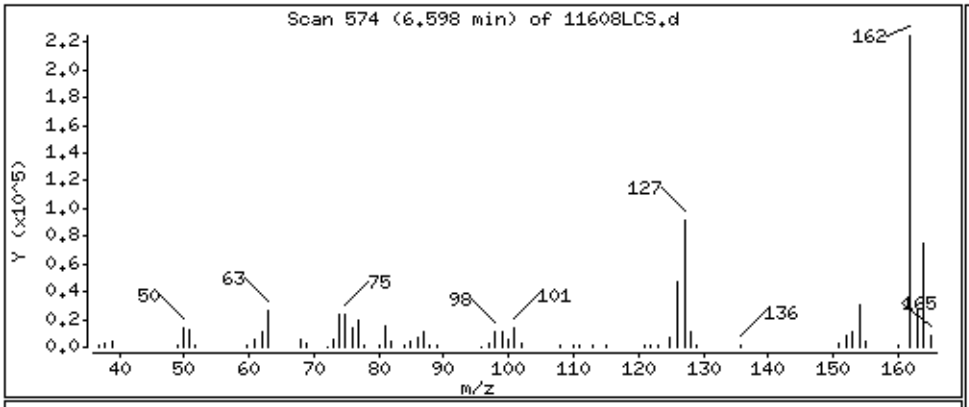
Operator: MJ

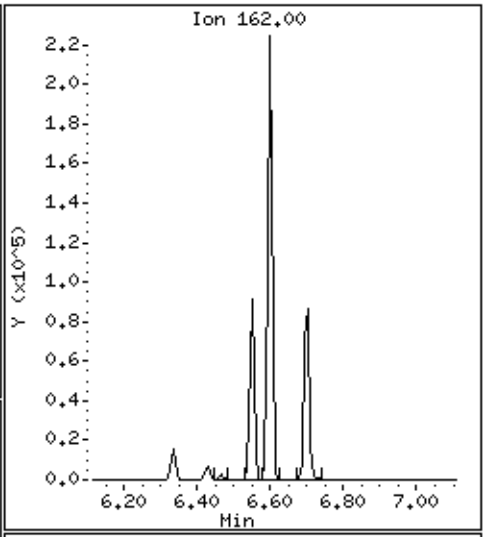
Column phase: HPMS-5

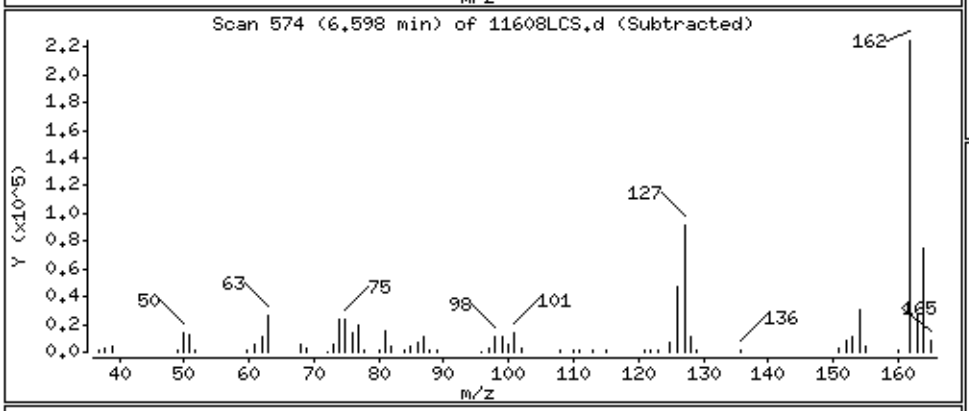
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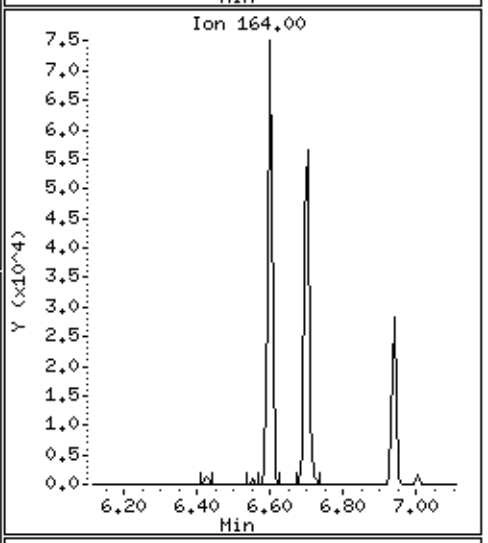
62 2-Chloronaphthalene

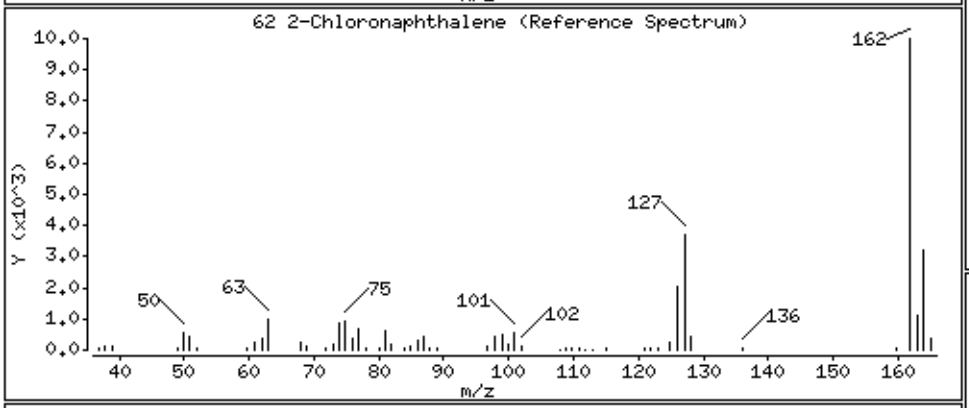
Concentration: 1770 ug/kg

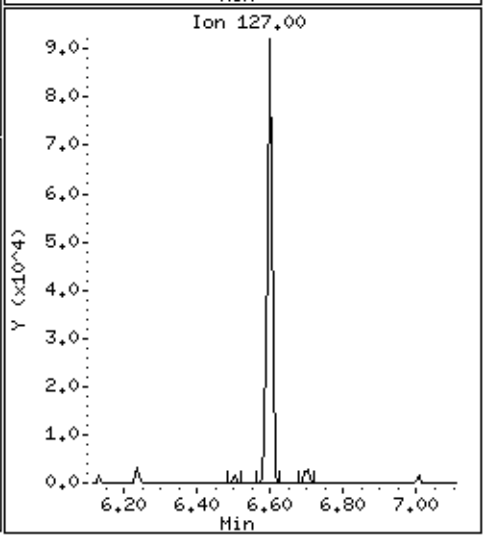


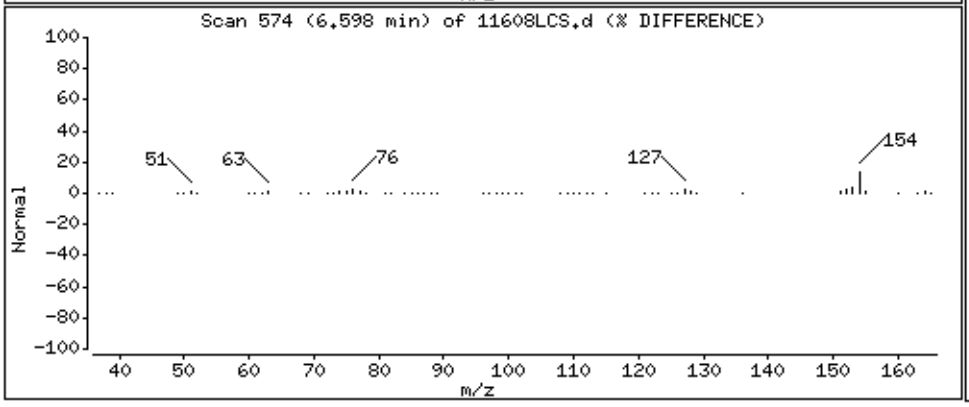












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

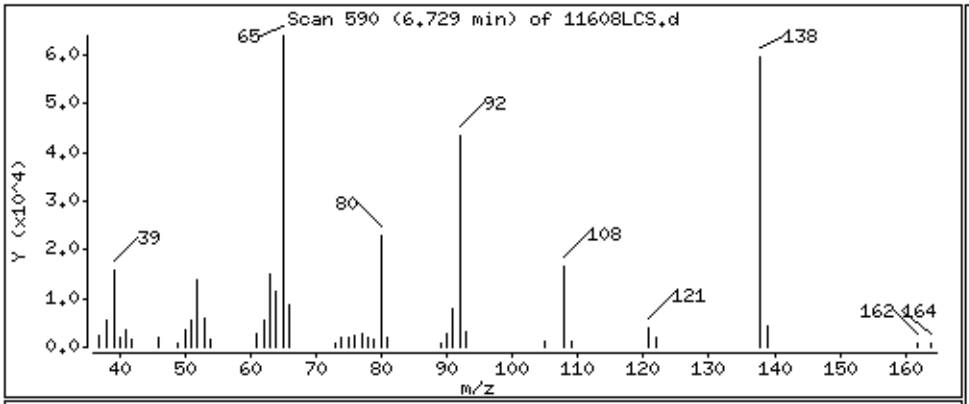
Operator: MJ

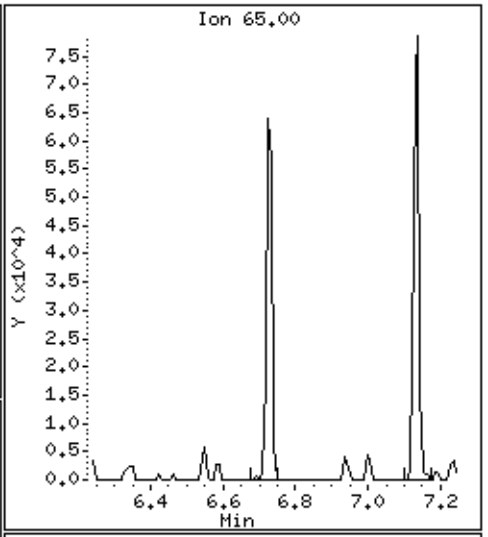
Column phase: HPMS-5

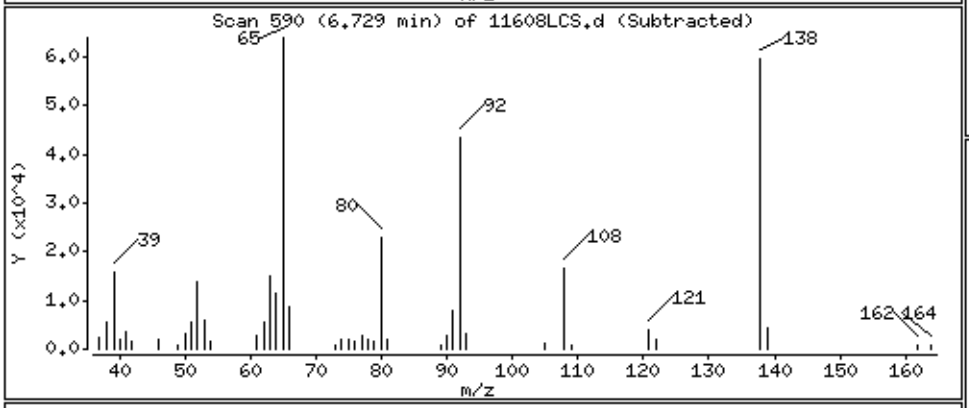
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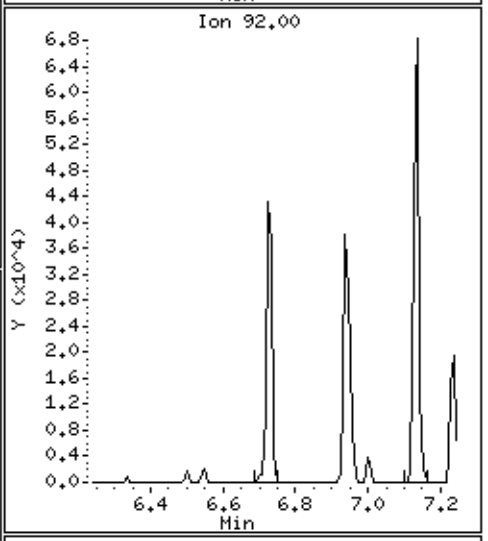
63 2-Nitroaniline

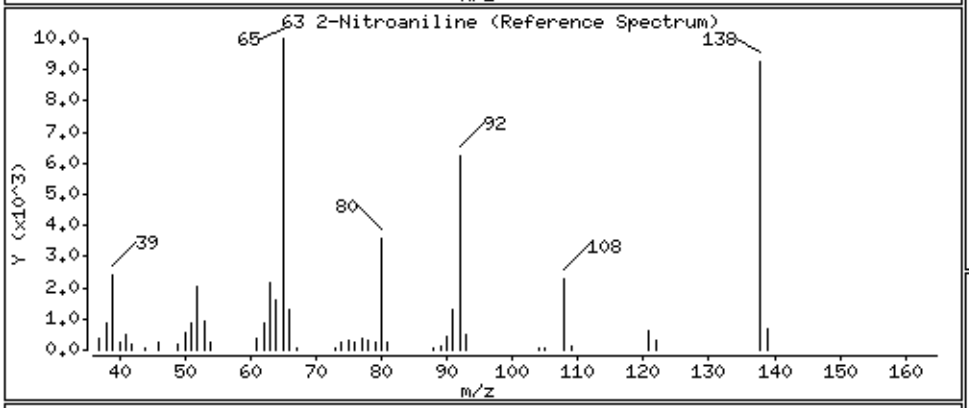
Concentration: 1800 ug/kg

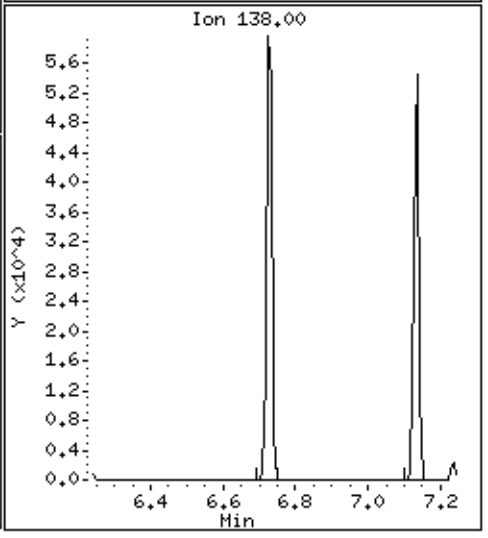


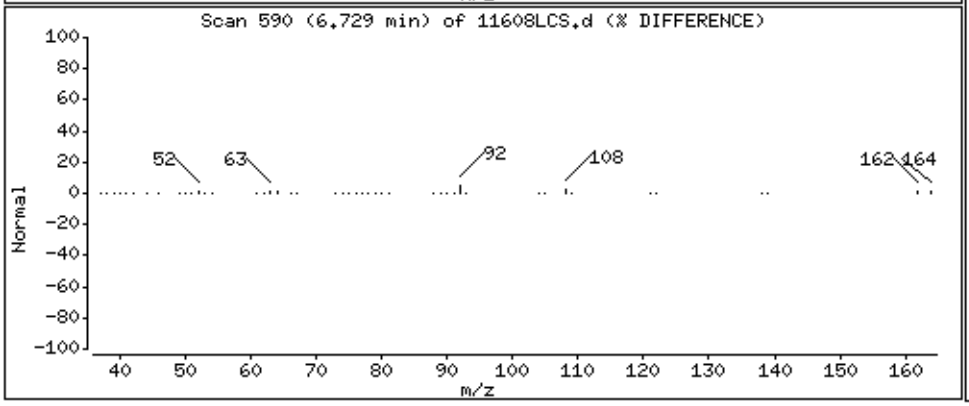












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

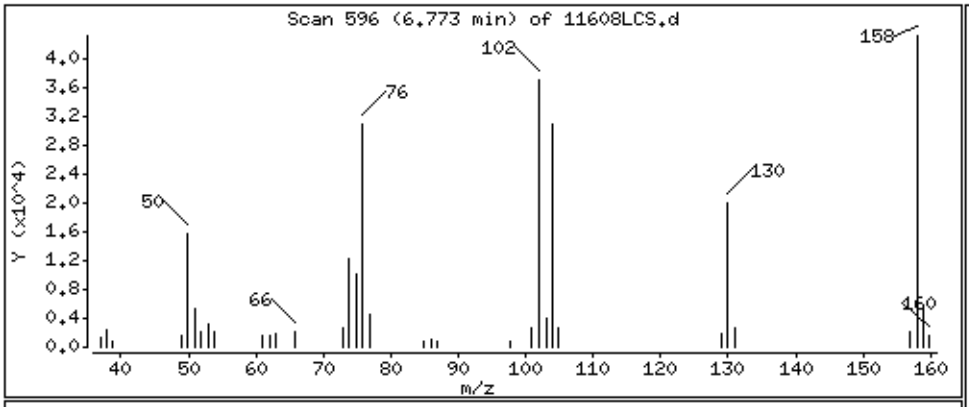
Operator: MJ

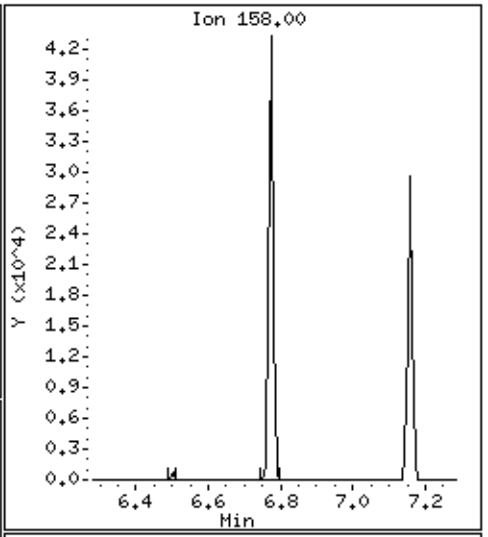
Column phase: HPMS-5

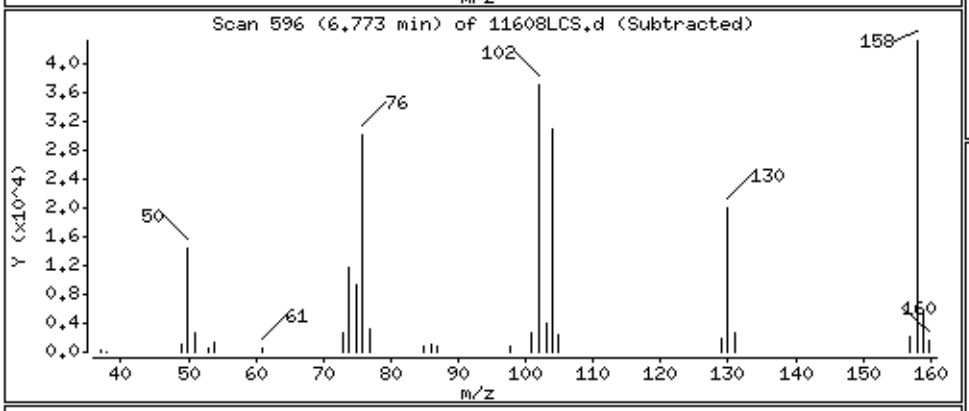
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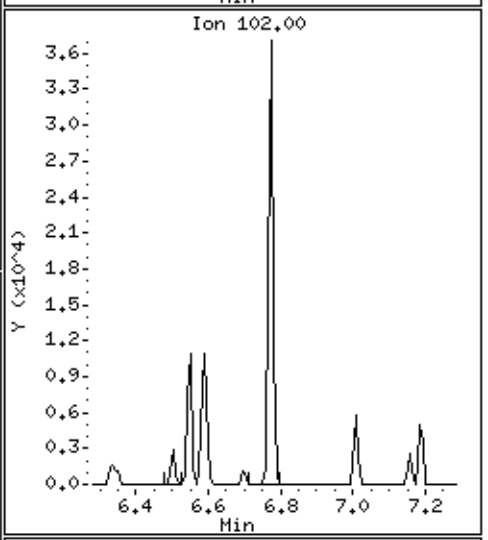
64 1,4-Naphthoquinone

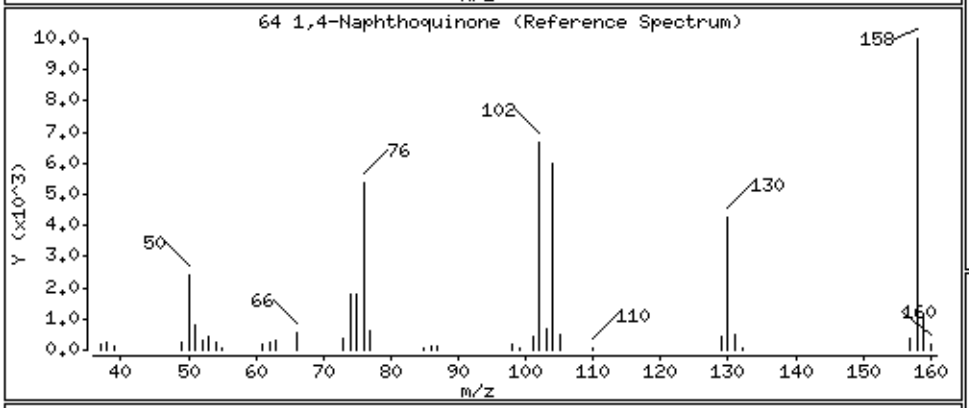
Concentration: 960 ug/kg

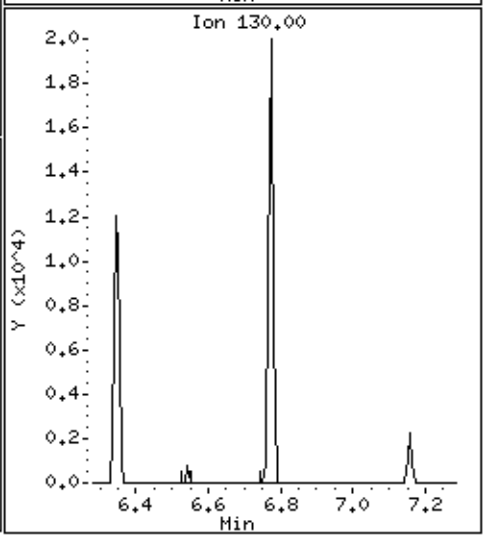


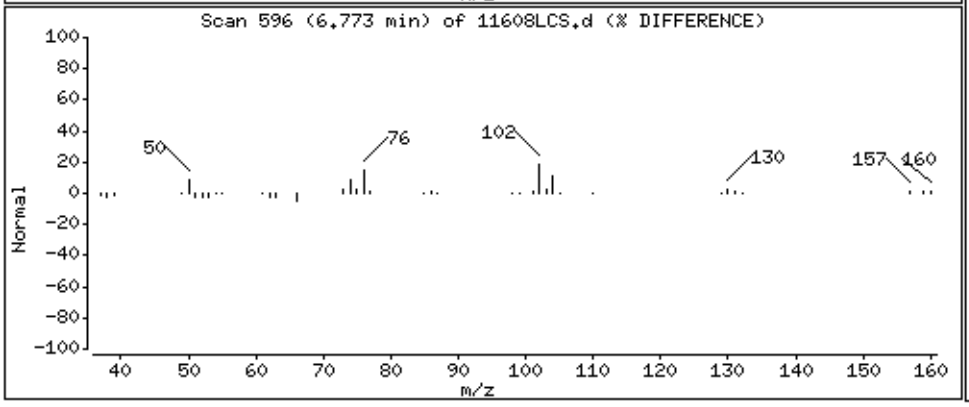












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

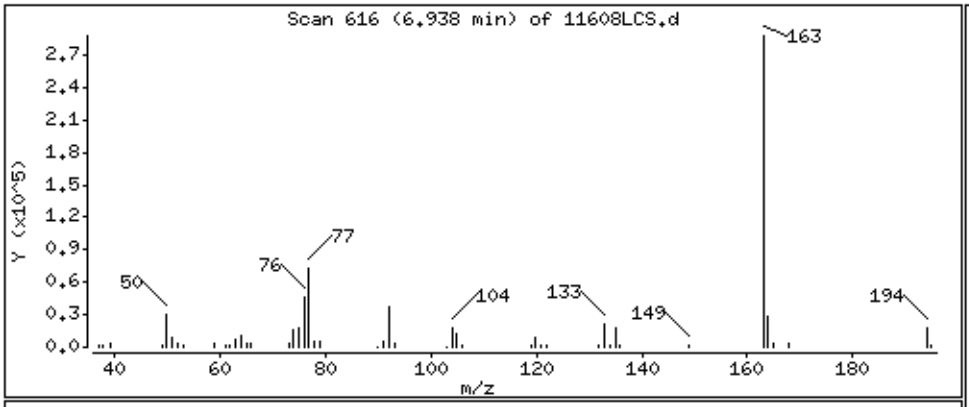
Operator: MJ

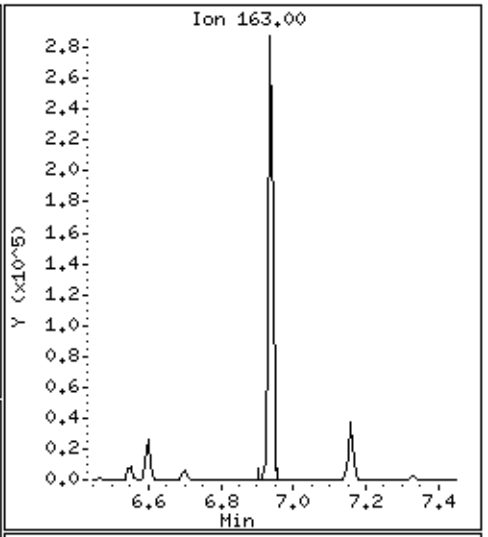
Column phase: HPMS-5

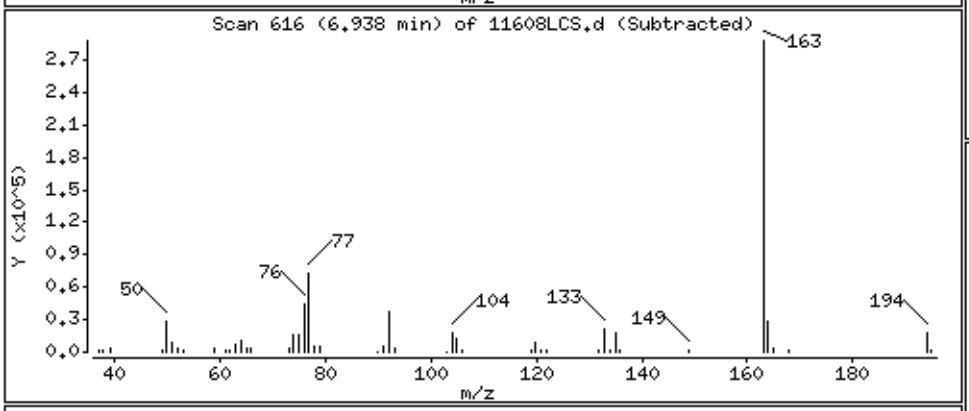
Column diameter: 0.25

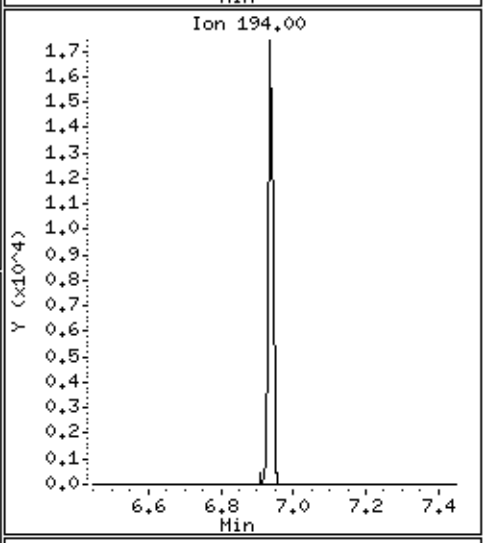
65 Dimethylphthalate

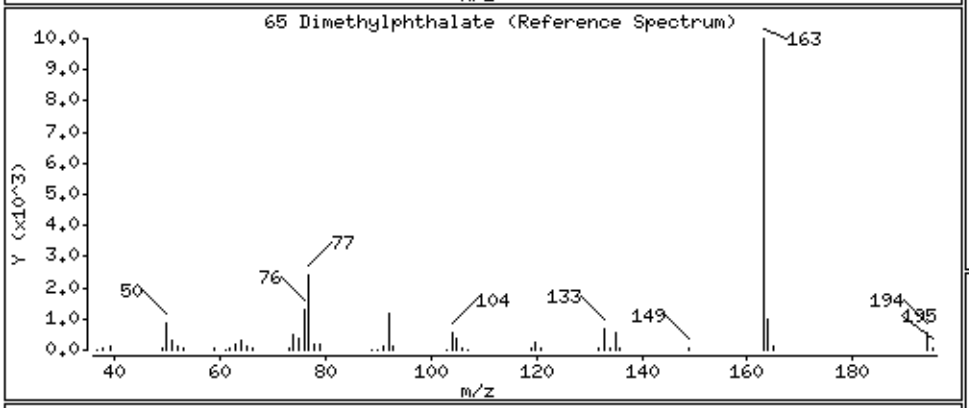
Concentration: 1880 ug/kg

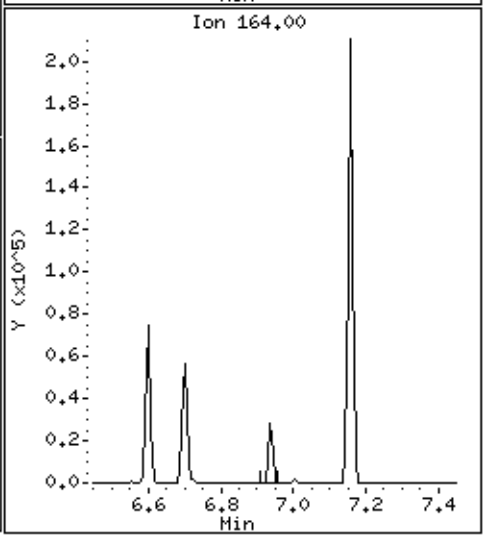


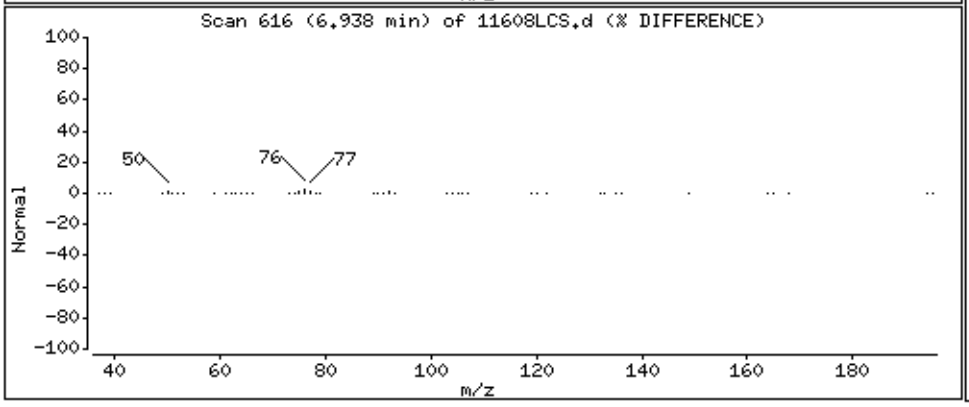












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

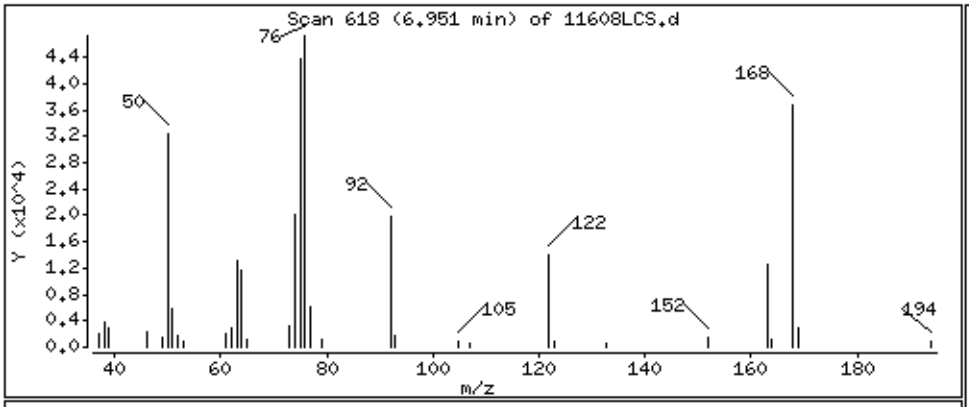
Operator: MJ

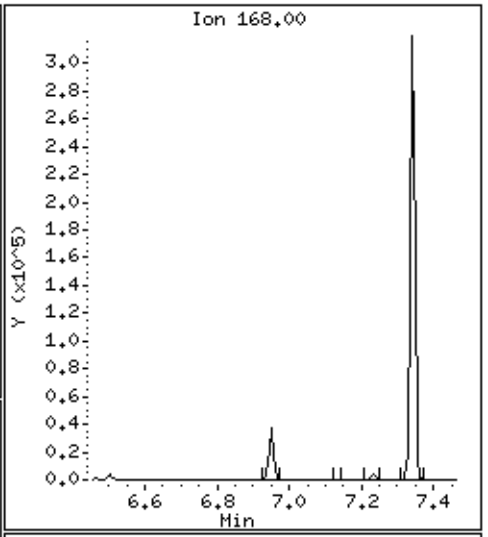
Column phase: HPMS-5

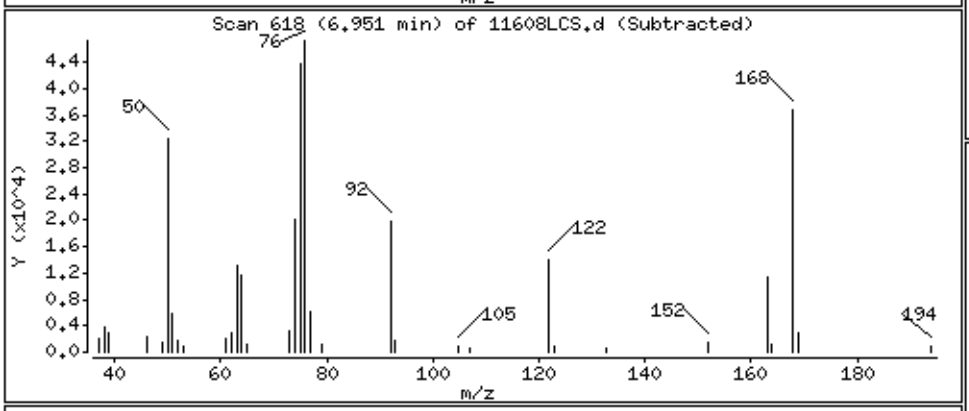
Column diameter: 0.25

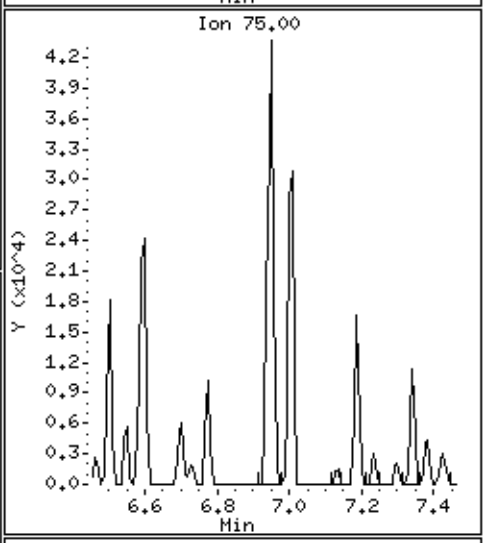
66 1,3-Dinitrobenzene

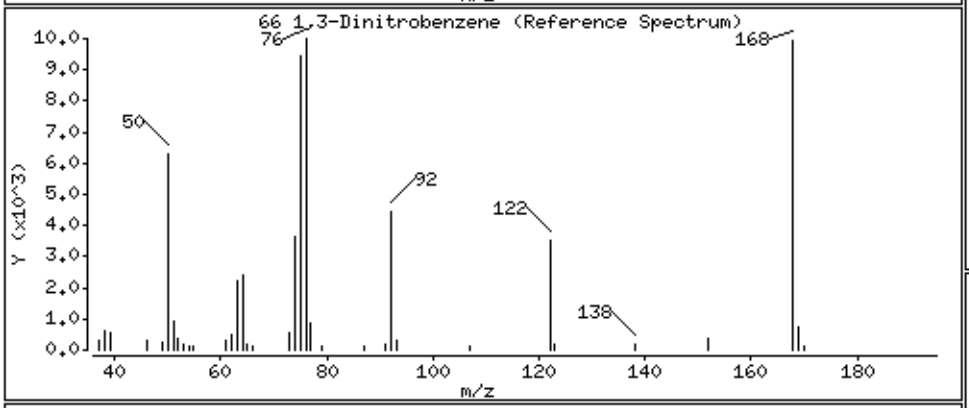
Concentration: 1760 ug/kg

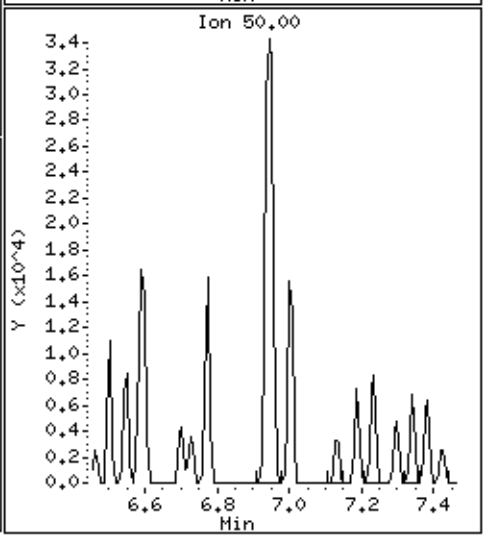


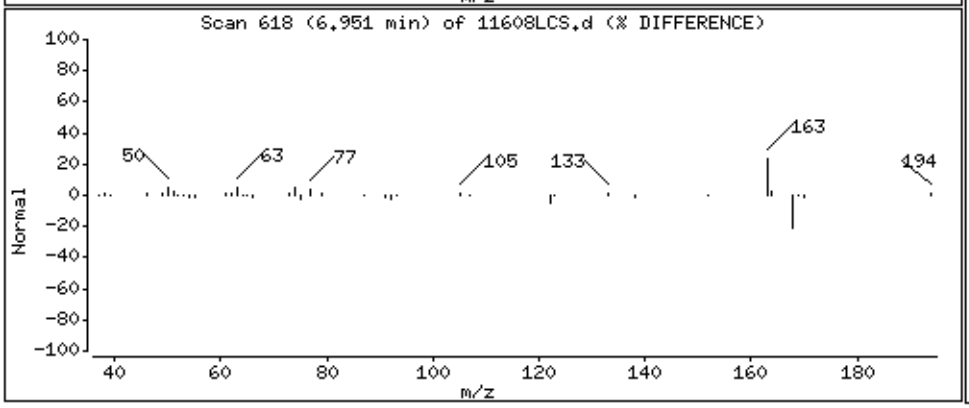












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

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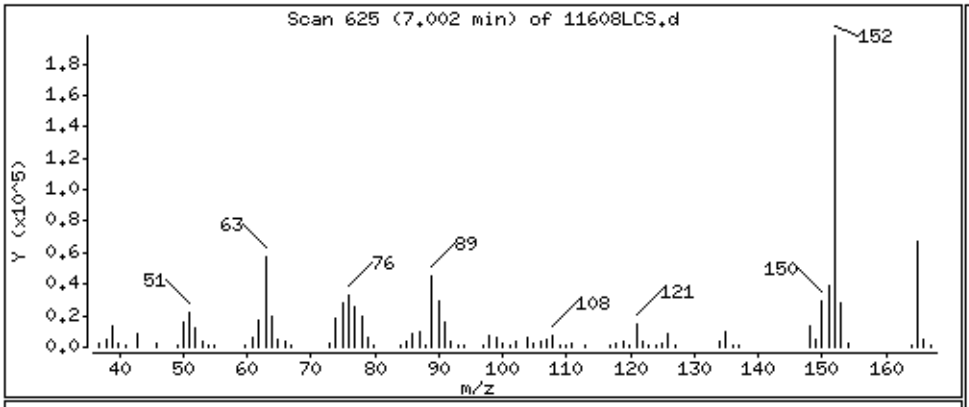
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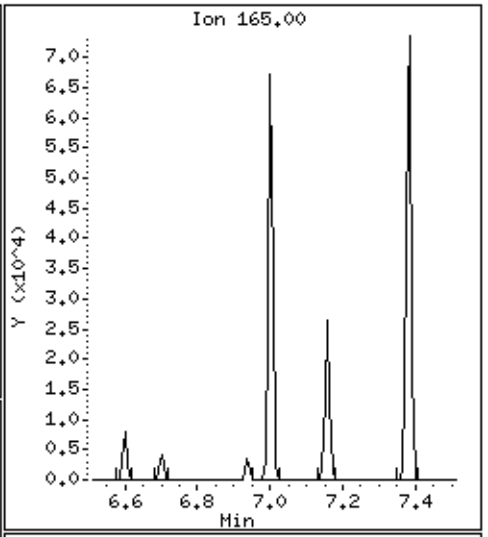
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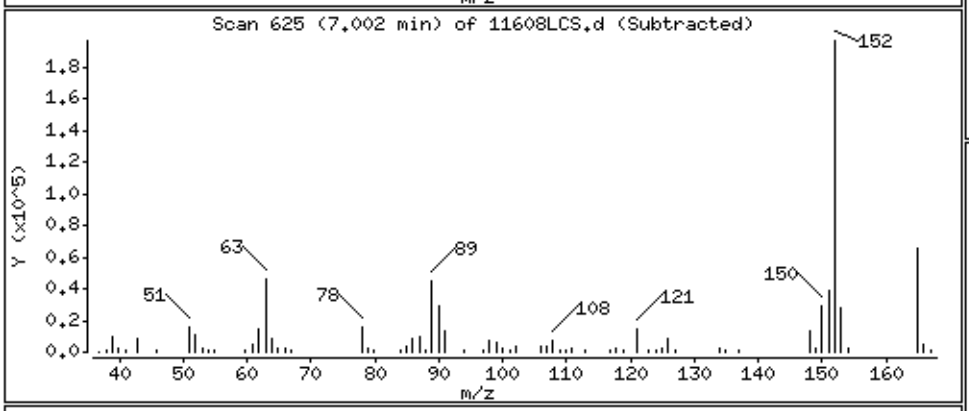
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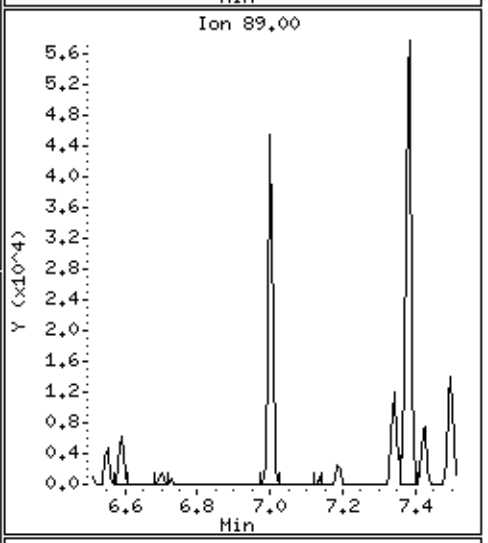
67 2,6-Dinitrotoluene

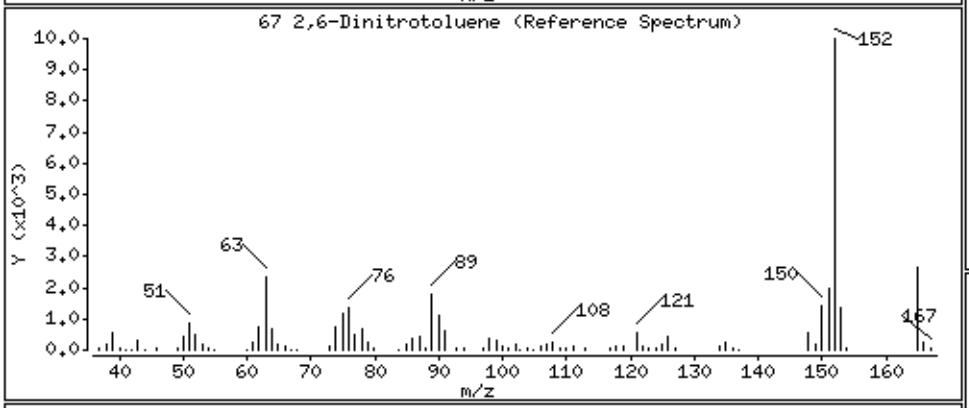
Concentration: 1880 ug/kg

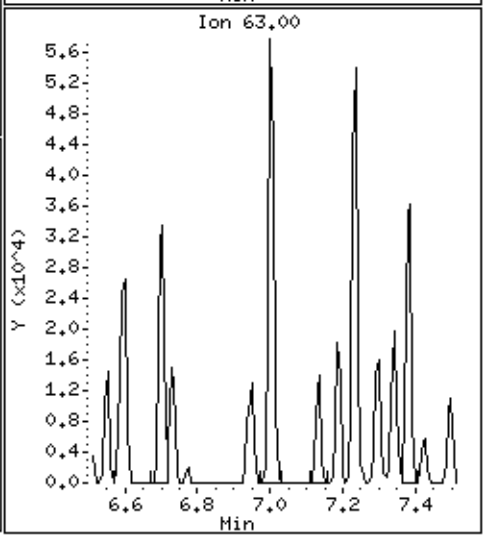


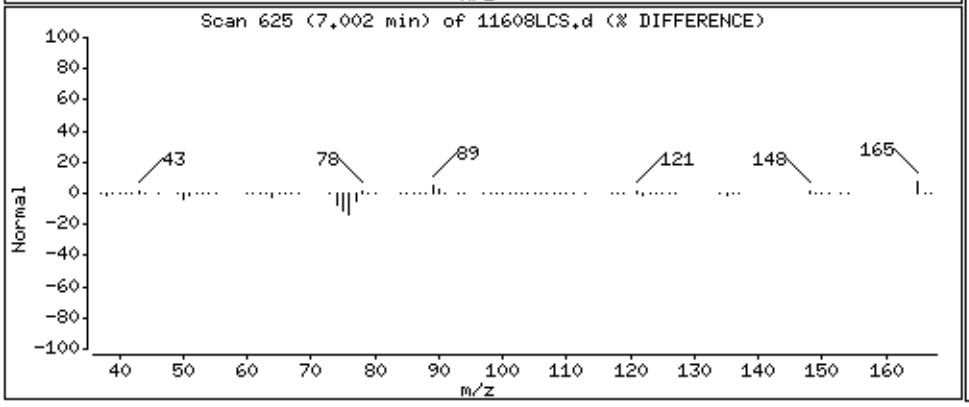












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

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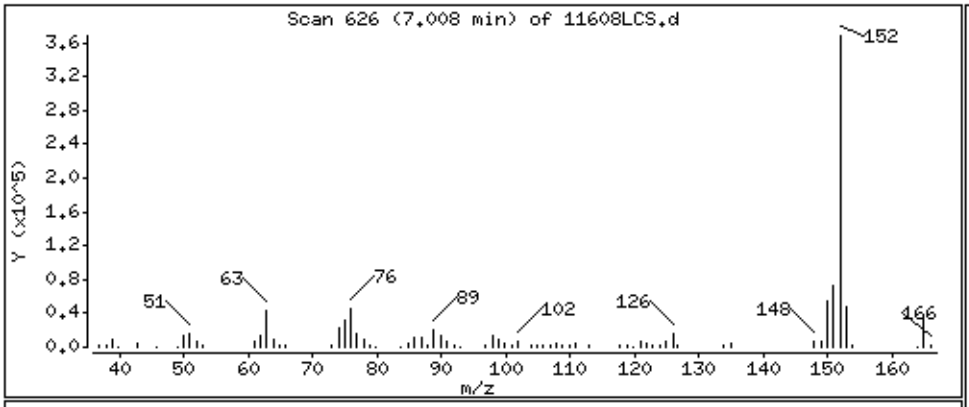
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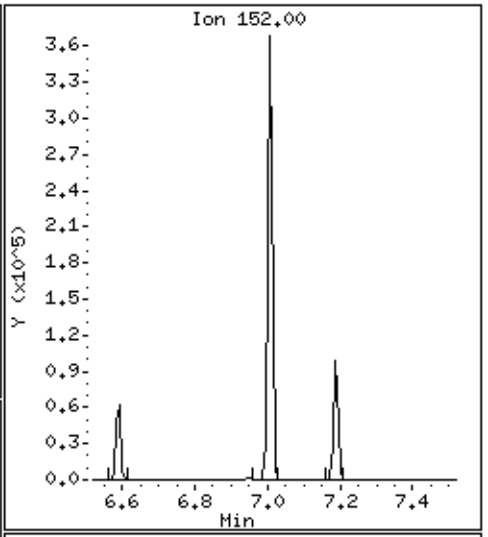
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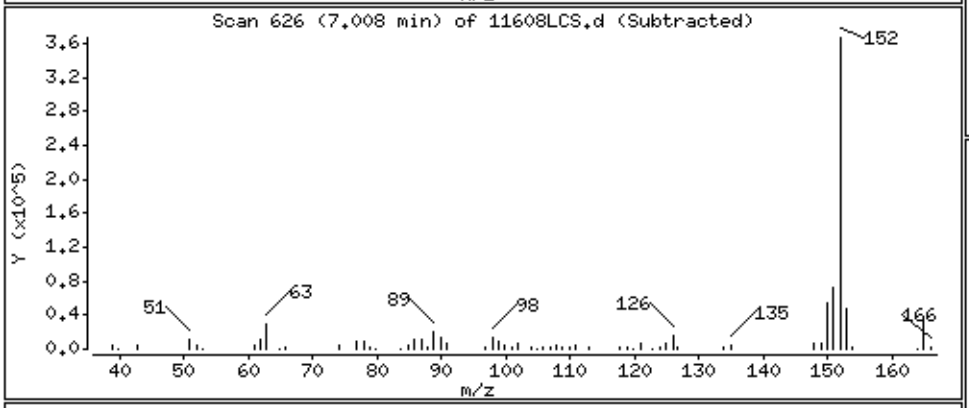
Column diameter: 0.25

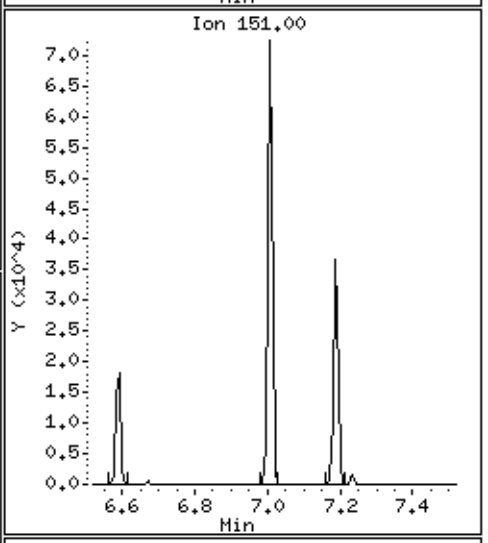
68 Acenaphthylene

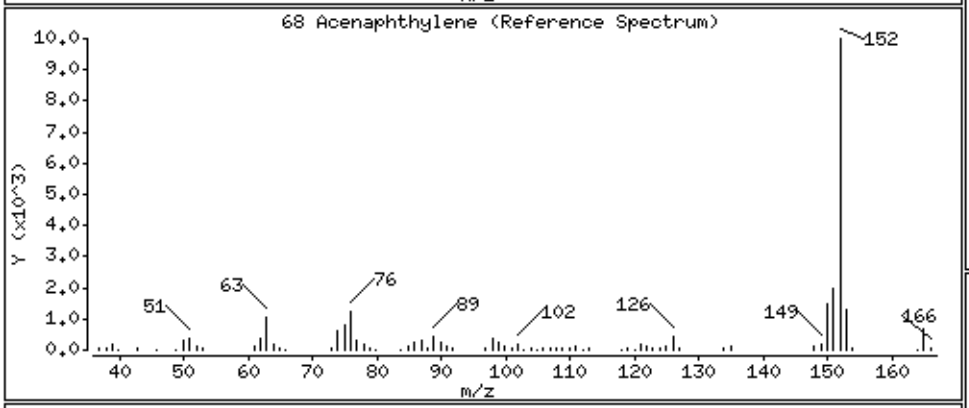
Concentration: 1830 ug/kg

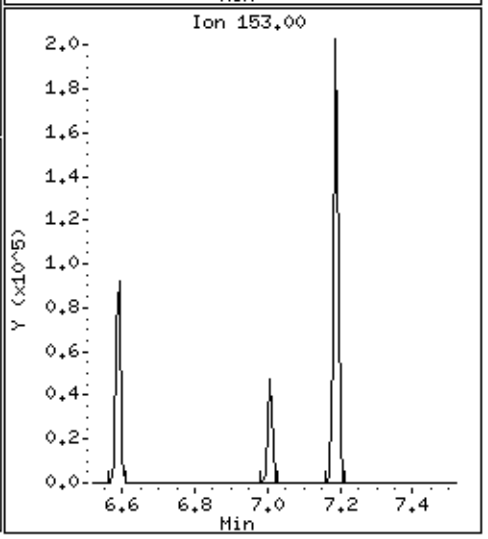


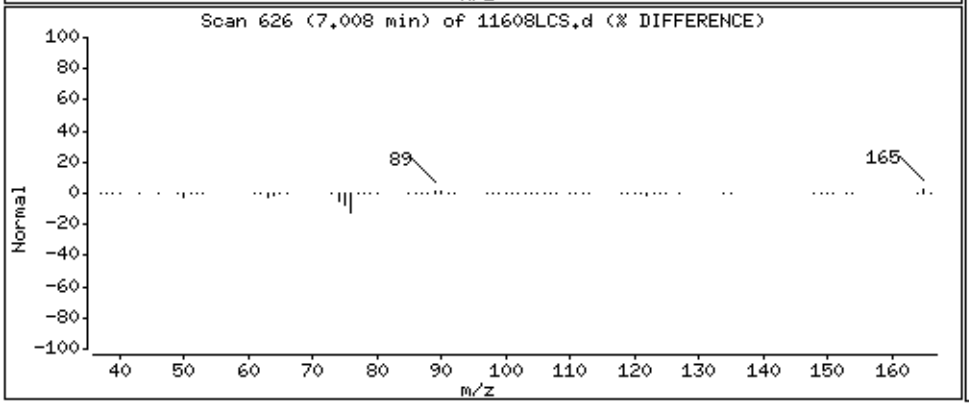












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Client ID: 154211LCS

Instrument: smsd04.i

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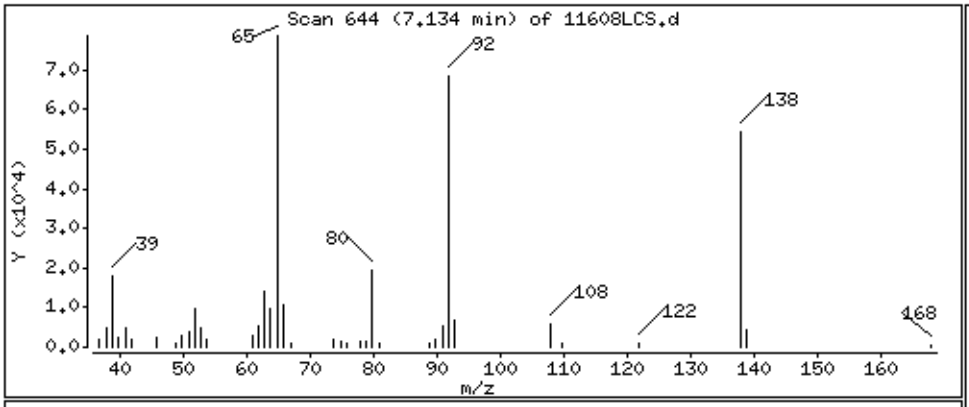
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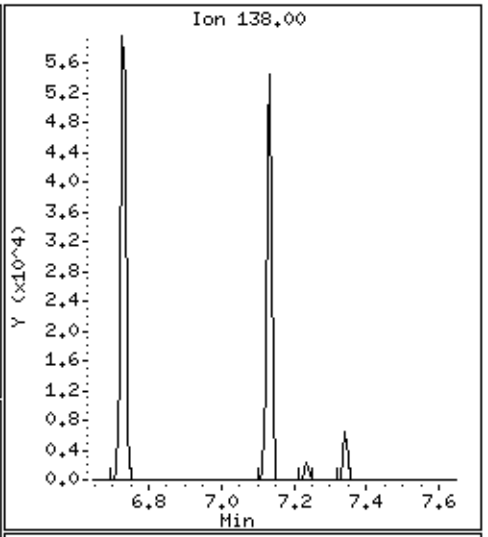
Column phase: HPMS-5

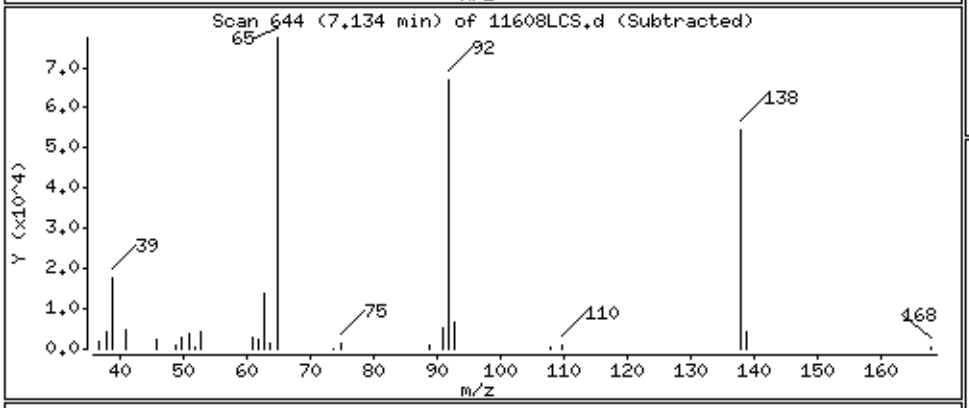
Column diameter: 0.25

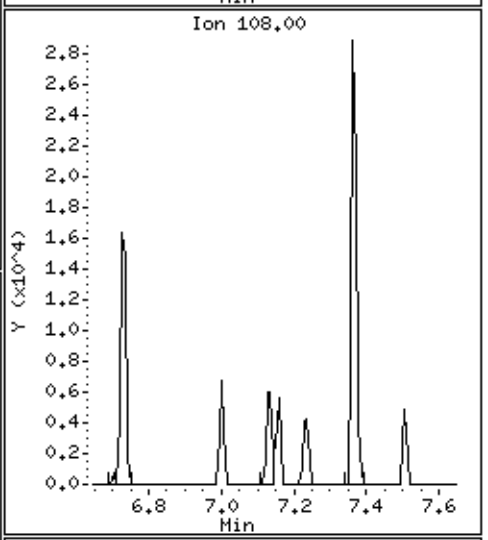
69 3-Nitroaniline

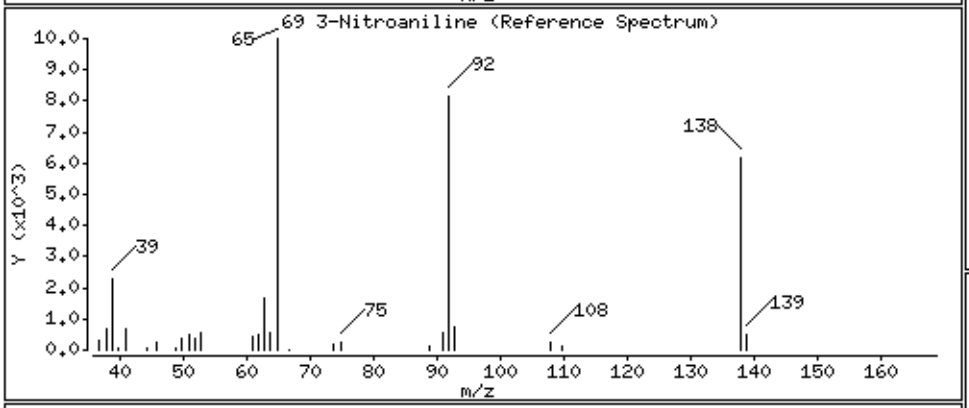
Concentration: 1900 ug/kg

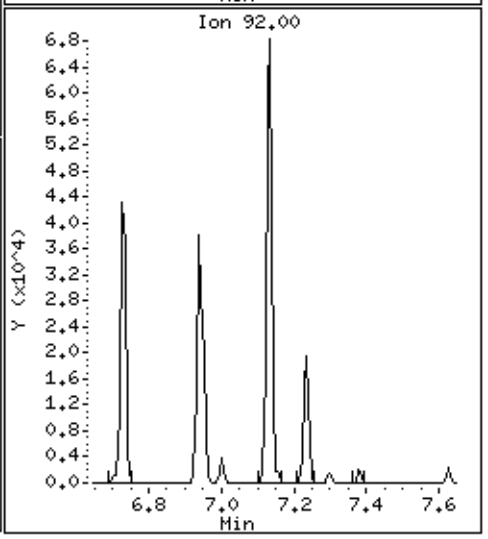


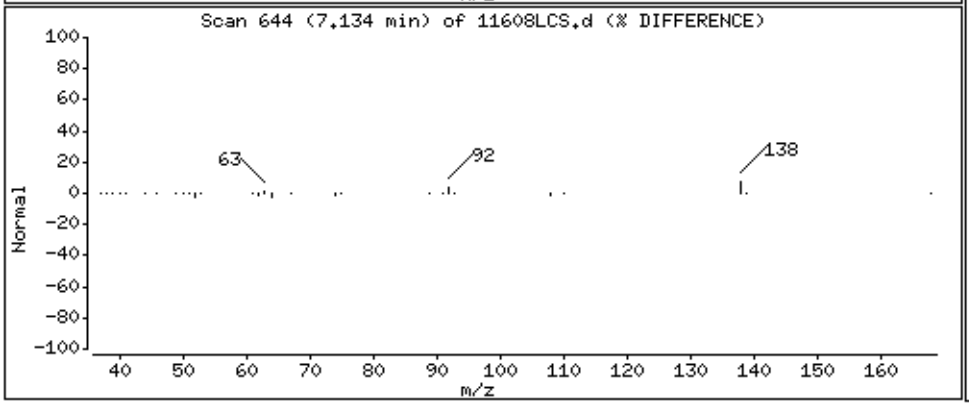












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

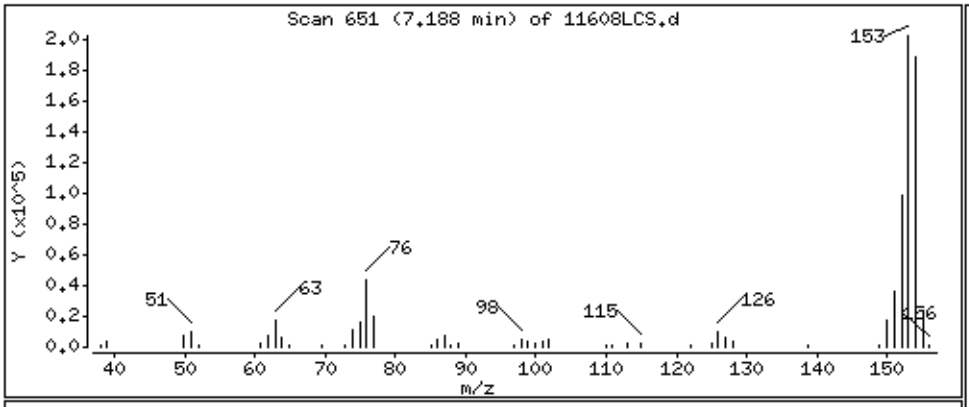
Operator: MJ

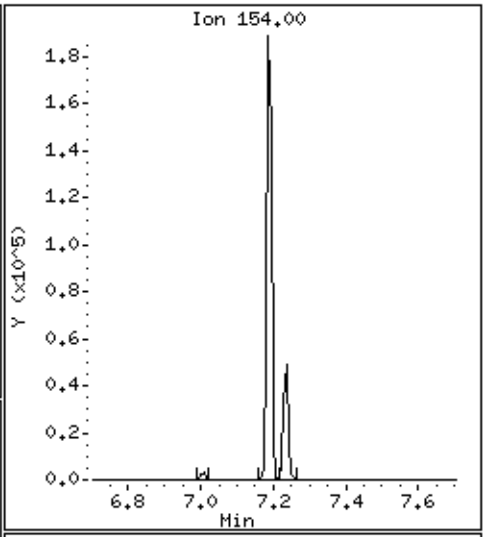
Column phase: HPMS-5

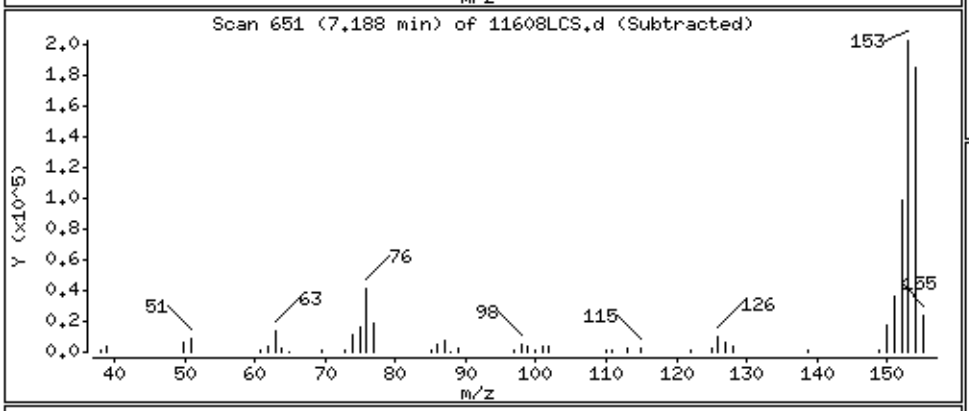
Column diameter: 0.25

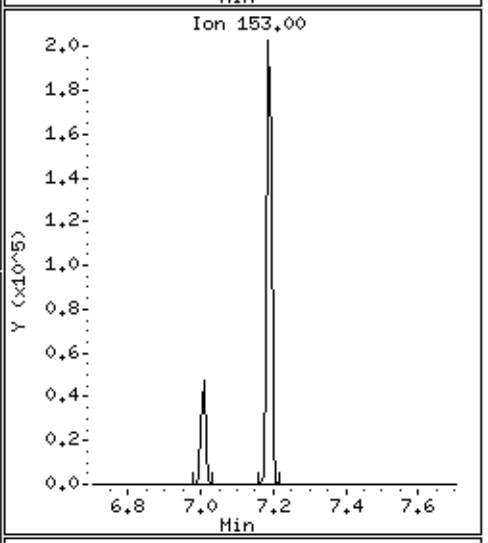
71 Acenaphthene

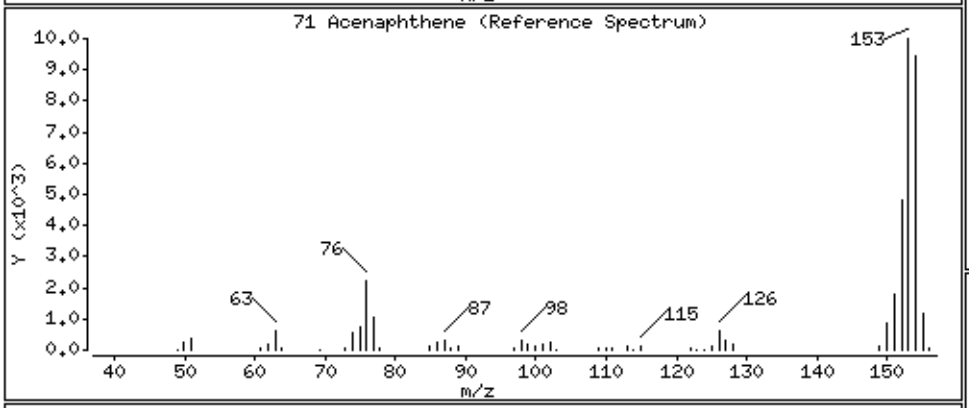
Concentration: 1770 ug/kg

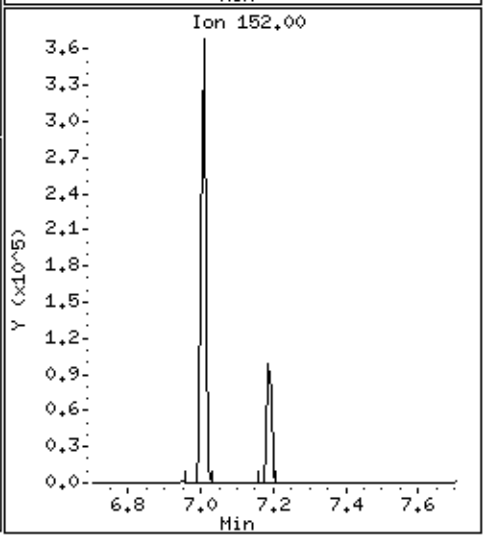


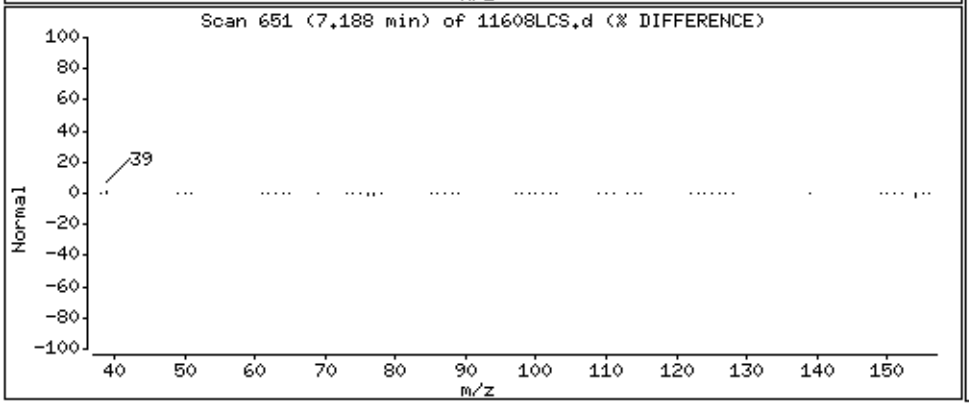












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

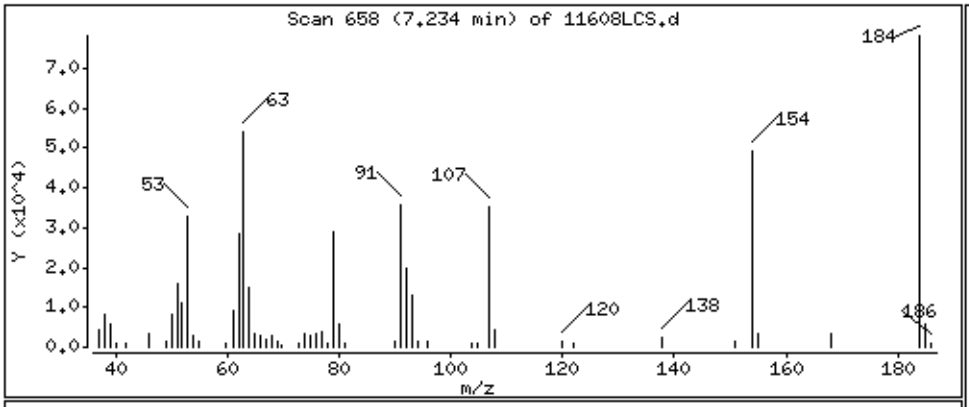
Operator: MJ

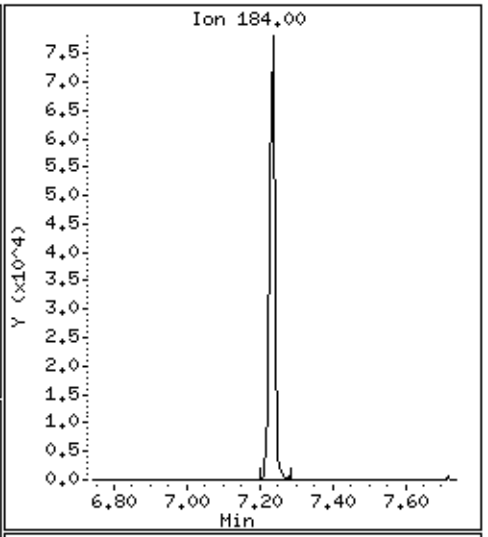
Column phase: HPMS-5

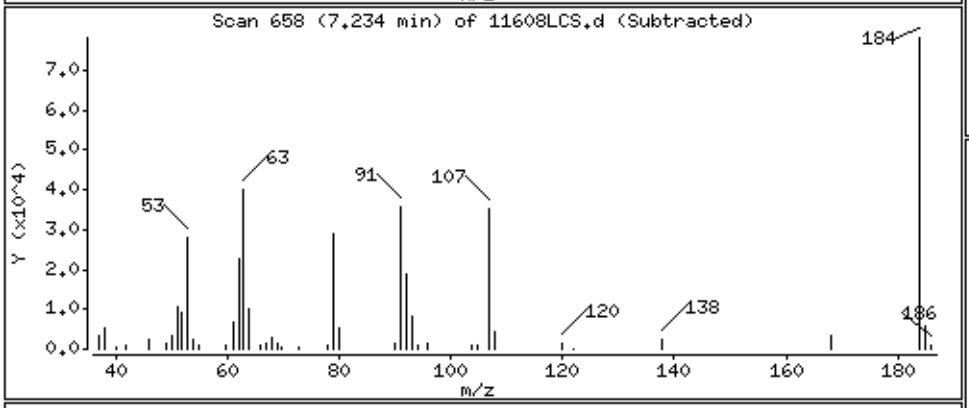
Column diameter: 0.25

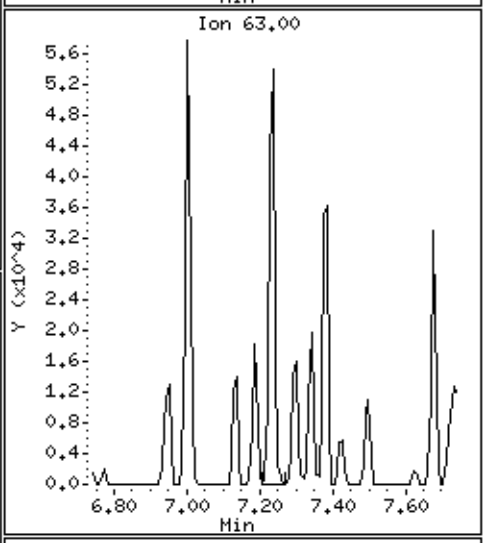
72 2,4-Dinitrophenol

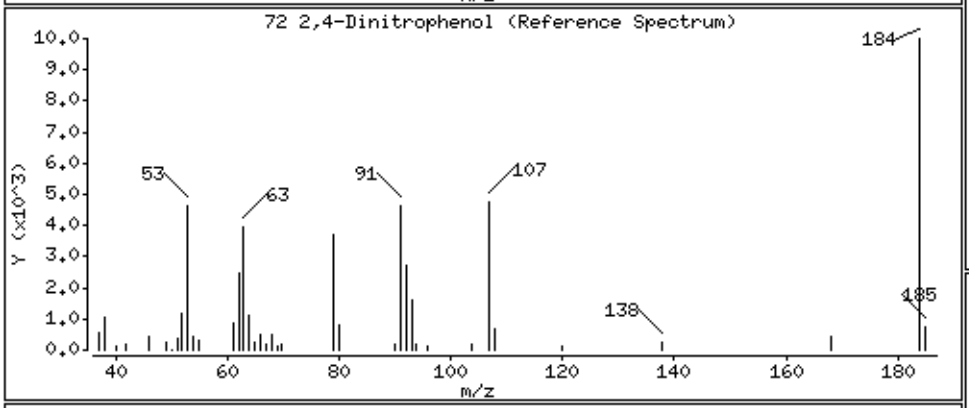
Concentration: 3950 ug/kg

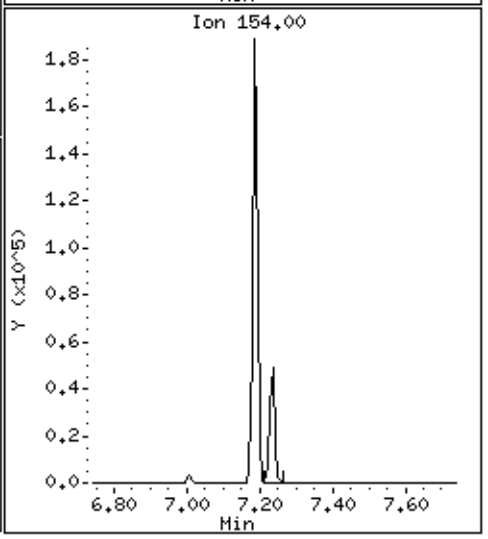


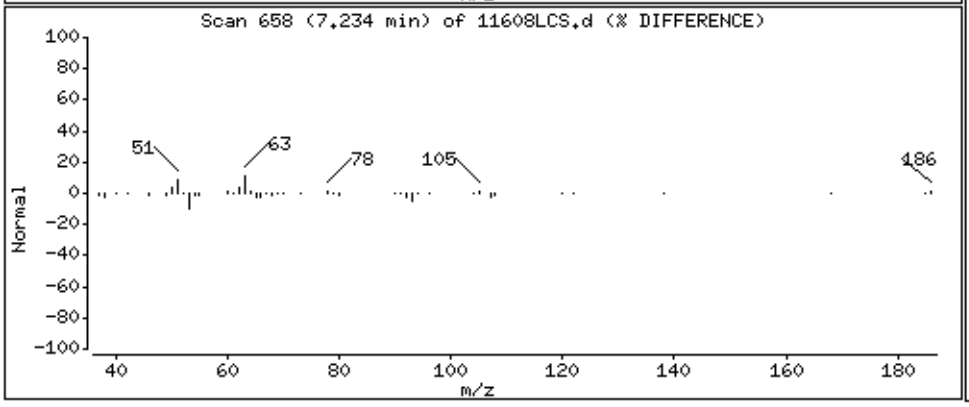












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

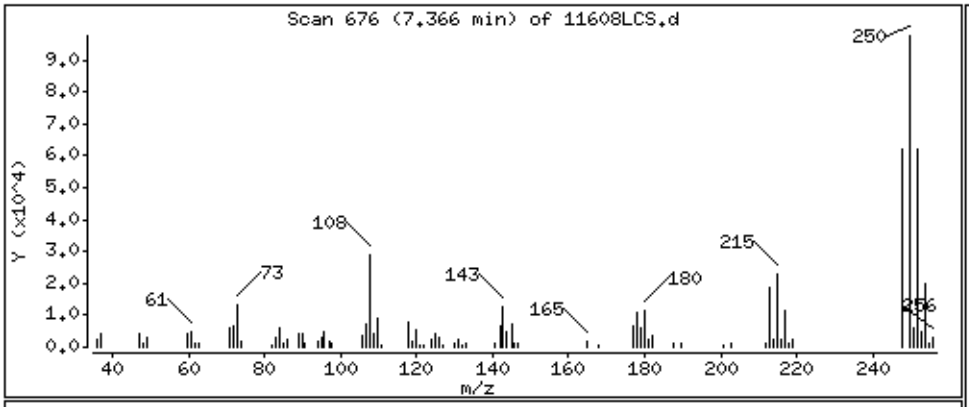
Operator: MJ

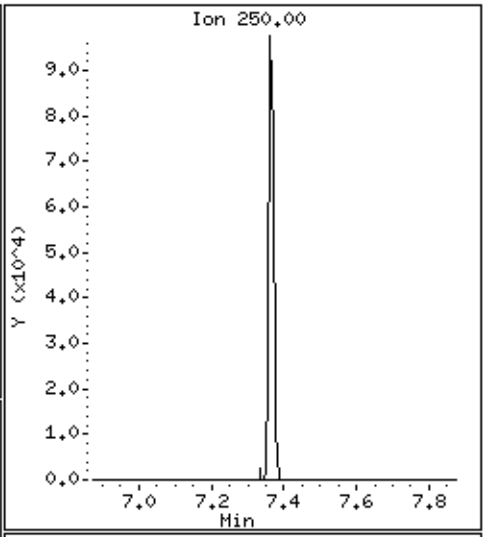
Column phase: HPMS-5

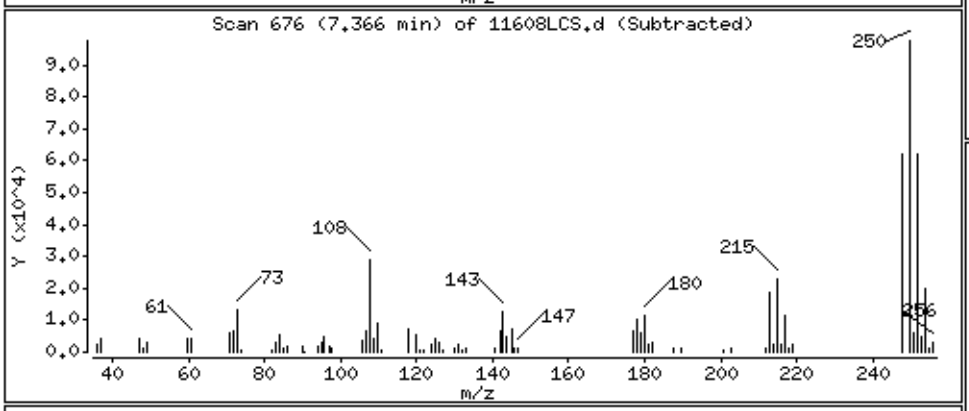
Column diameter: 0.25

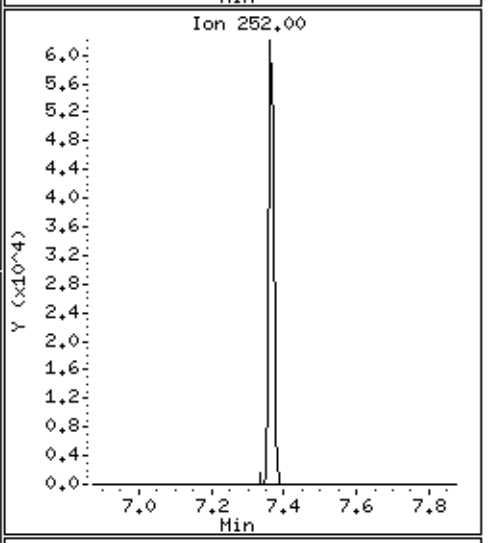
73 Pentachlorobenzene

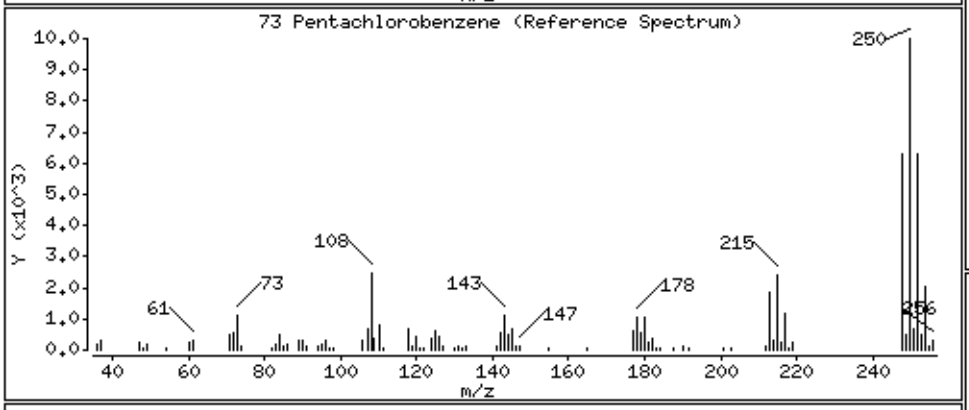
Concentration: 1560 ug/kg

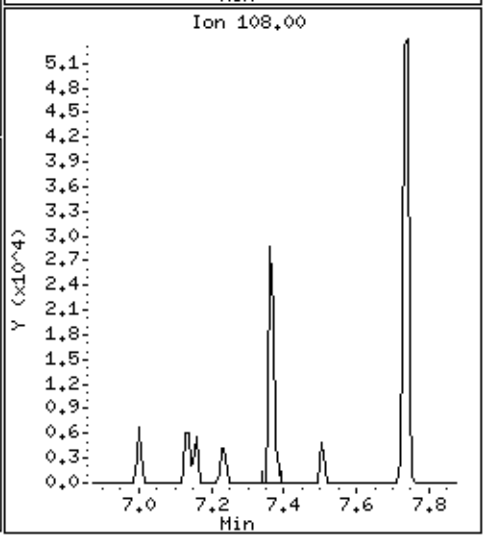


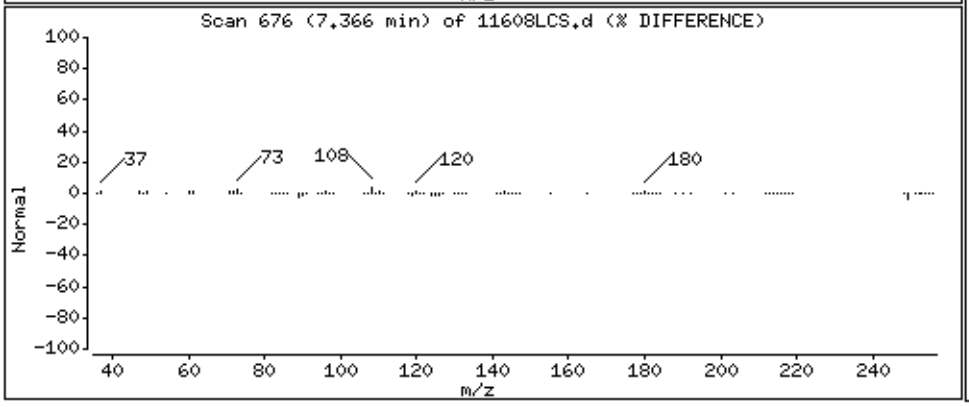












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

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Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

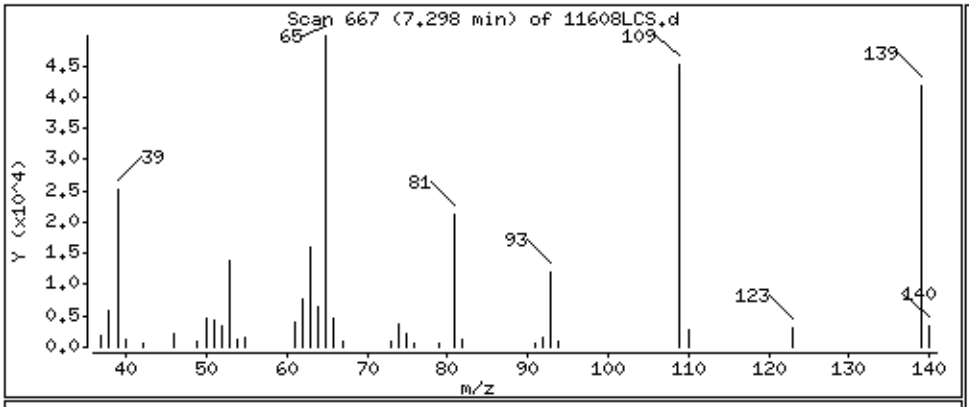
Operator: MJ

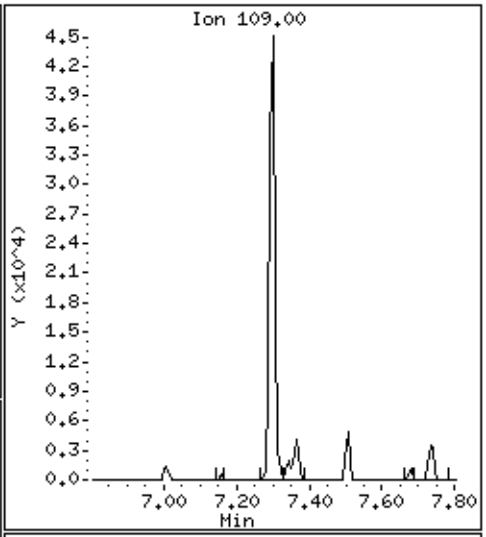
Column phase: HPMS-5

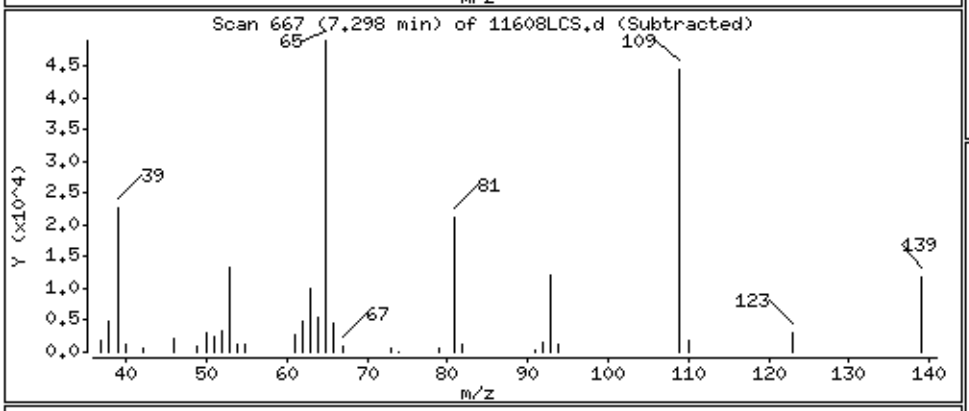
Column diameter: 0.25

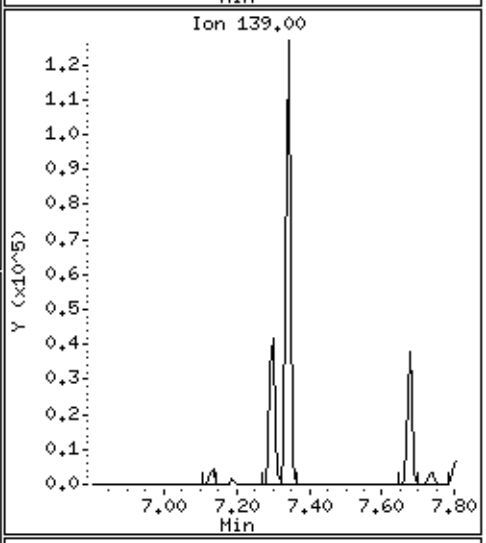
74 4-Nitrophenol

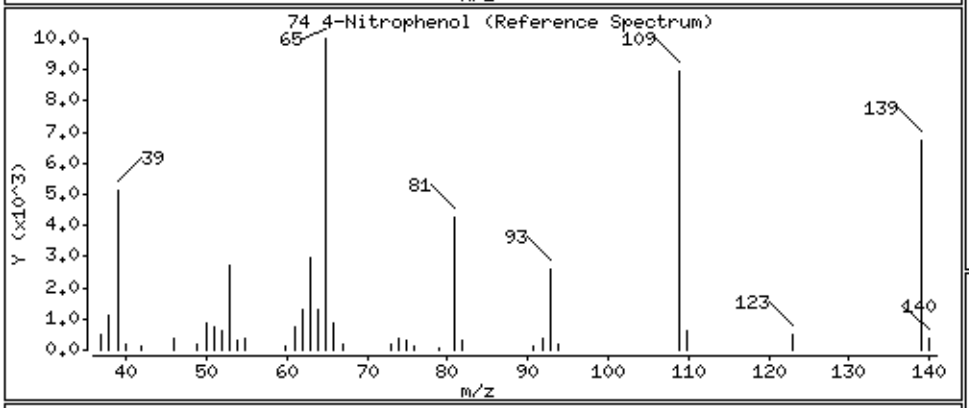
Concentration: 2000 ug/kg

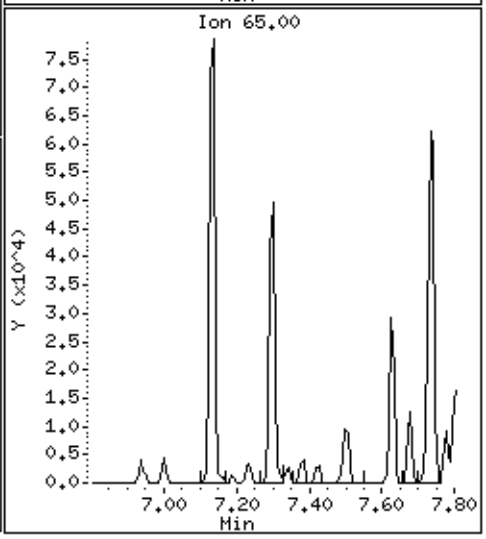


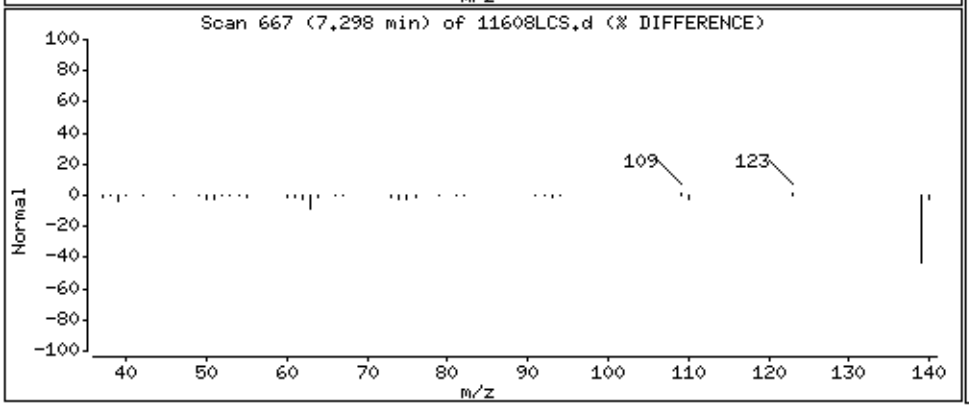












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Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

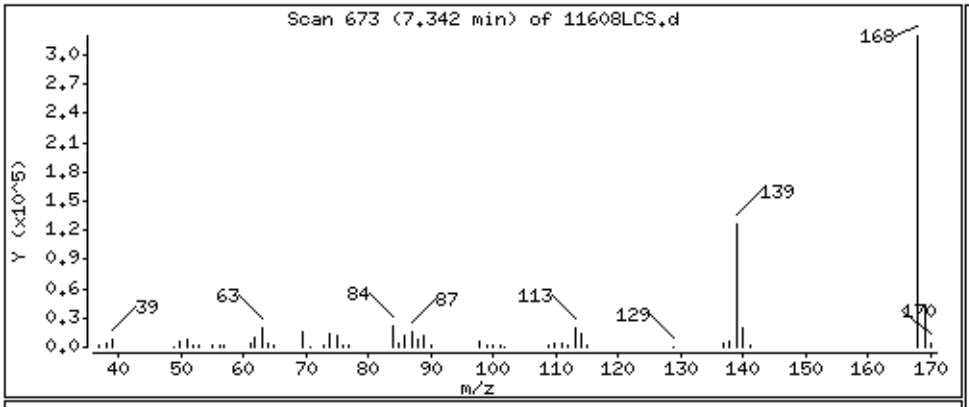
Operator: MJ

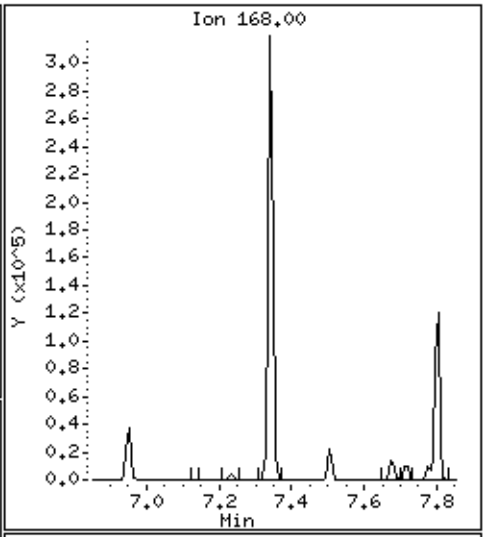
Column phase: HPMS-5

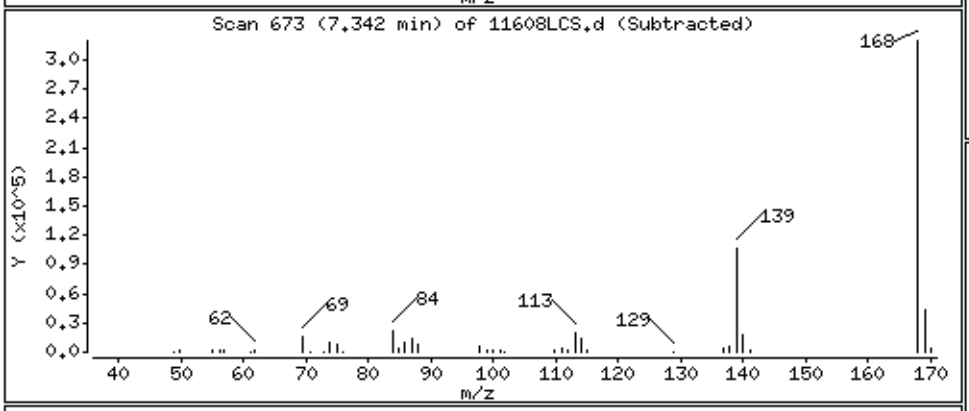
Column diameter: 0.25

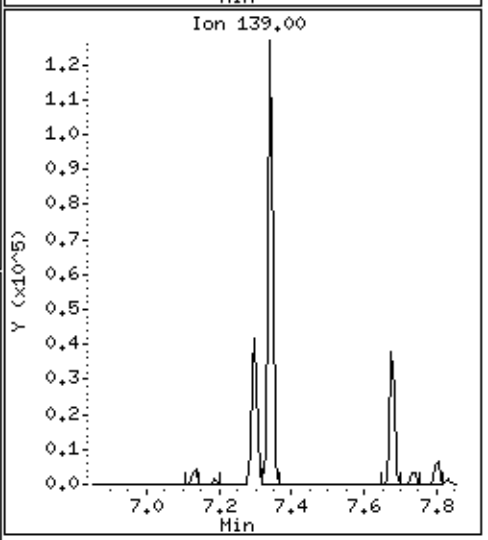
75 Dibenzofuran

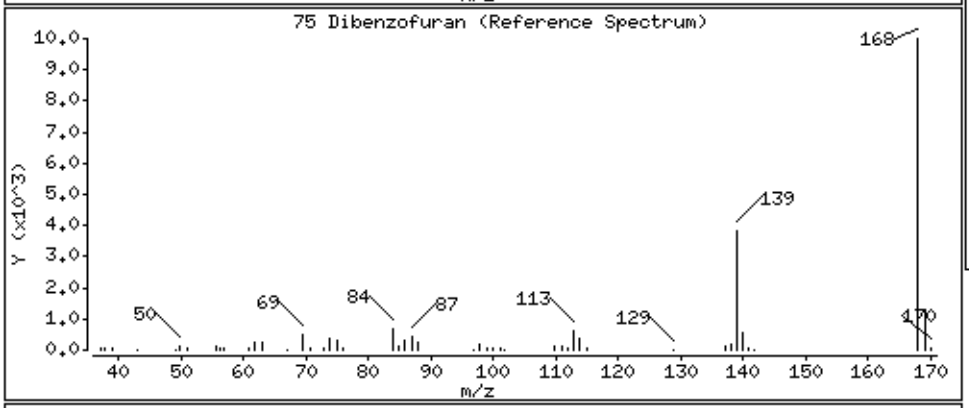
Concentration: 1840 ug/kg

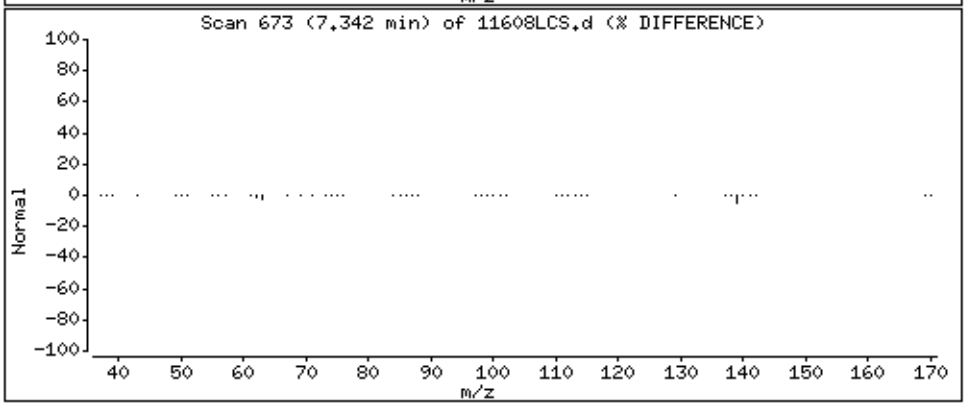












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

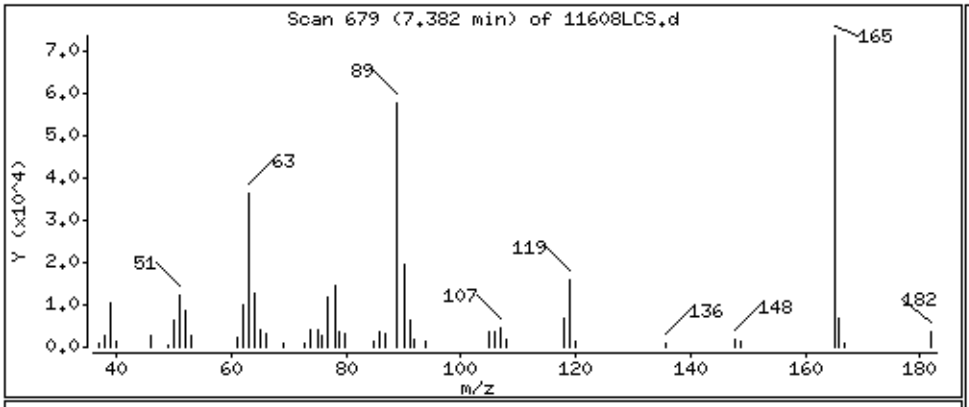
Operator: MJ

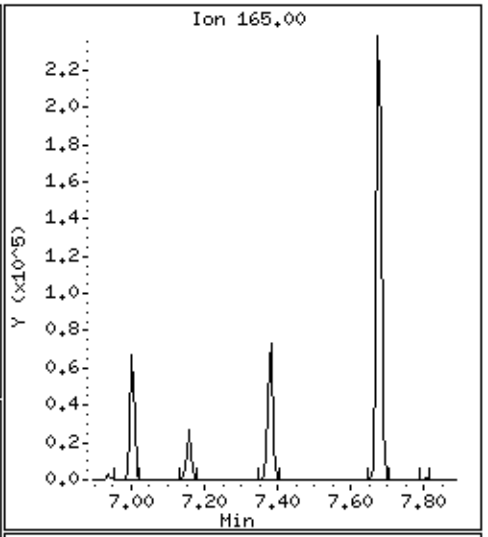
Column phase: HPMS-5

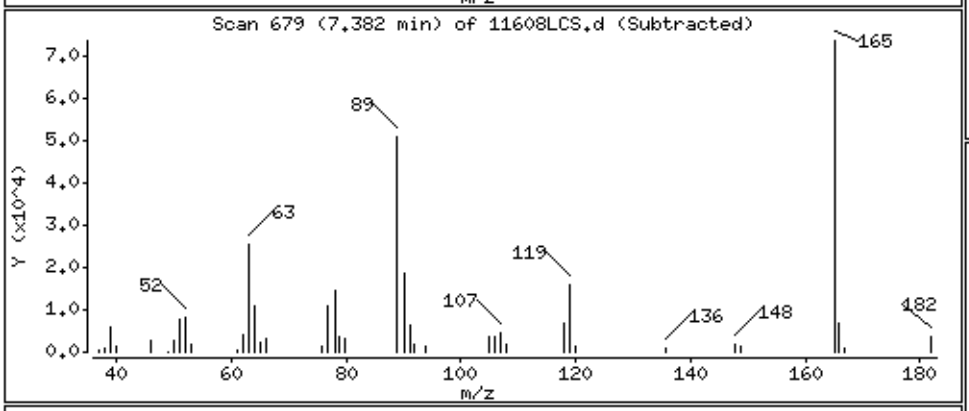
Column diameter: 0.25

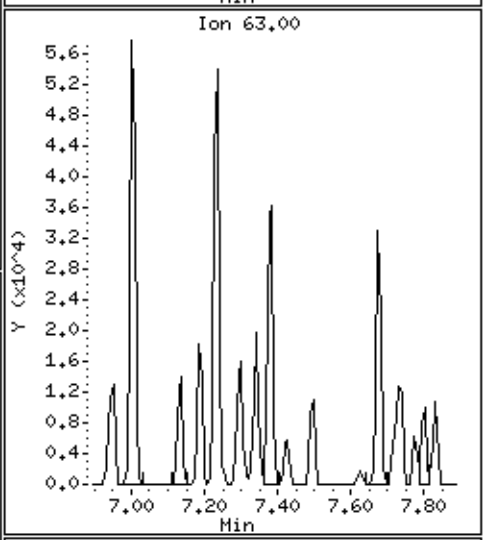
76 2,4-Dinitrotoluene

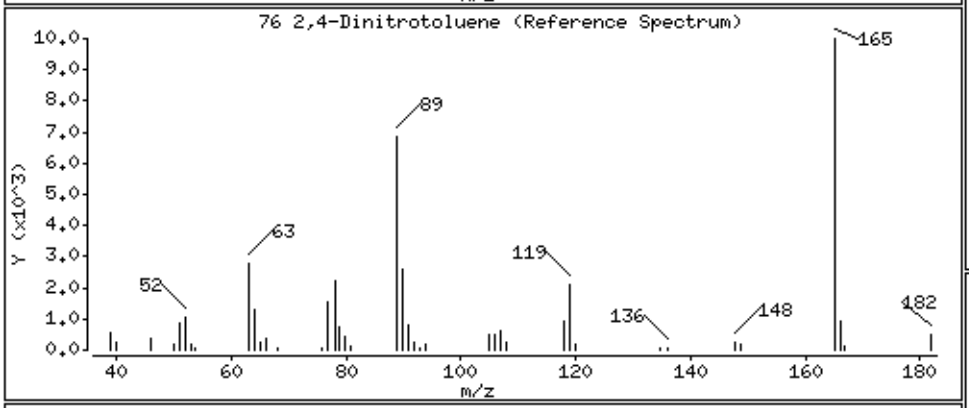
Concentration: 1940 ug/kg

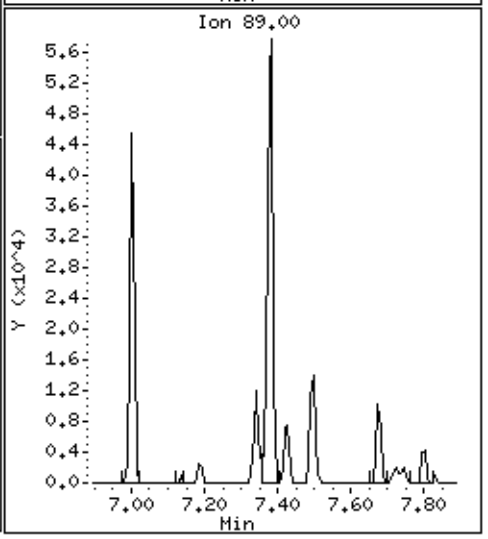


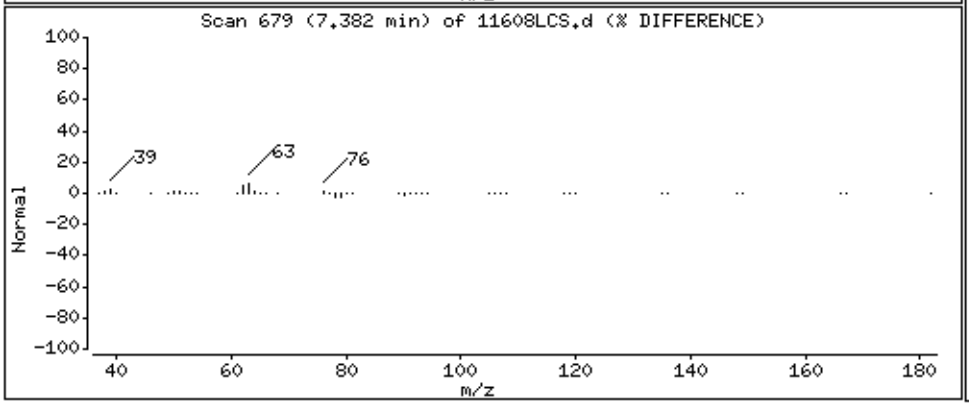












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Client ID: 154211LCS

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Sample Info: SW154211LCS

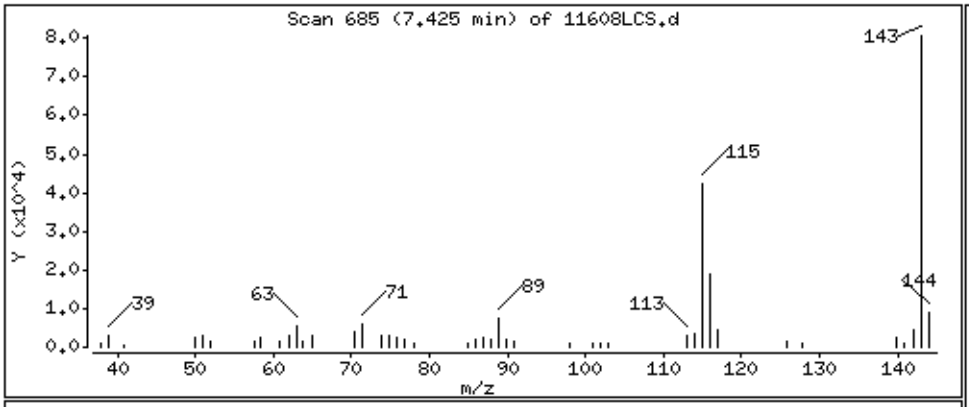
Operator: MJ

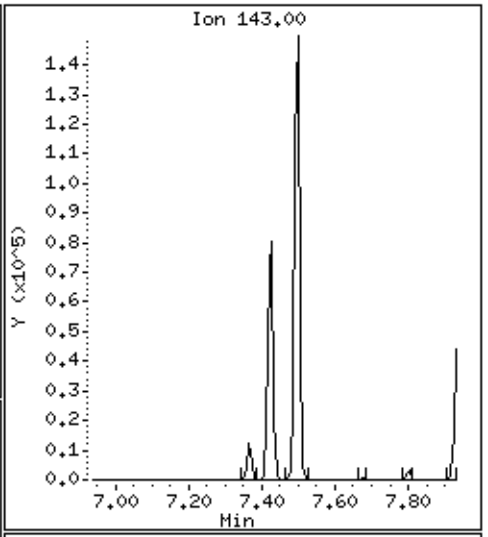
Column phase: HPMS-5

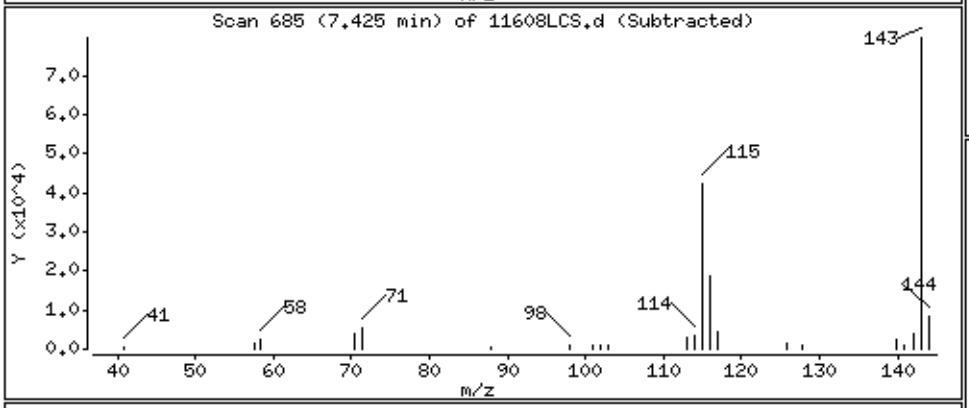
Column diameter: 0.25

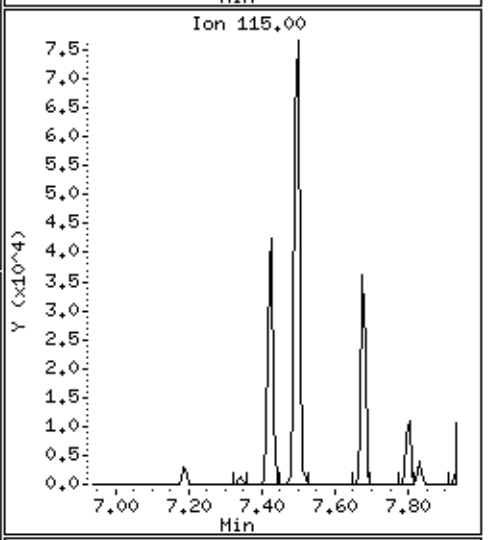
77 1-Naphthylamine

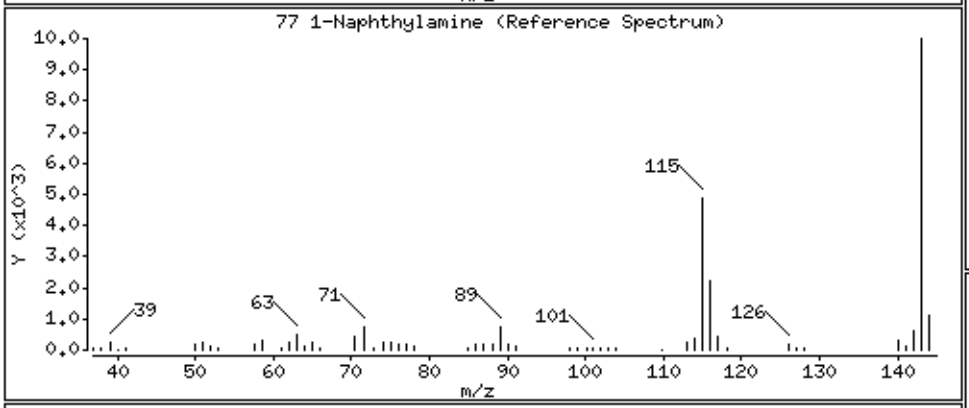
Concentration: 800 ug/kg

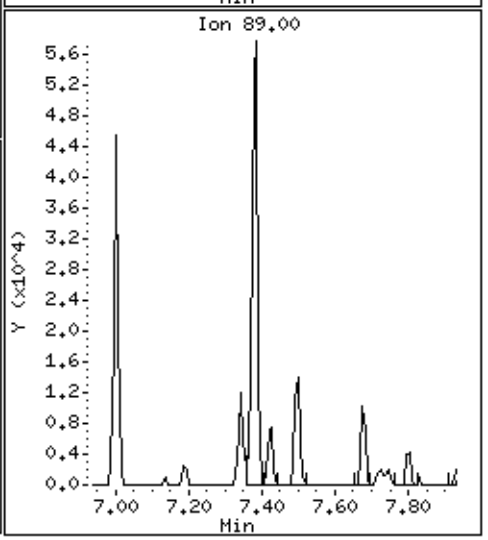


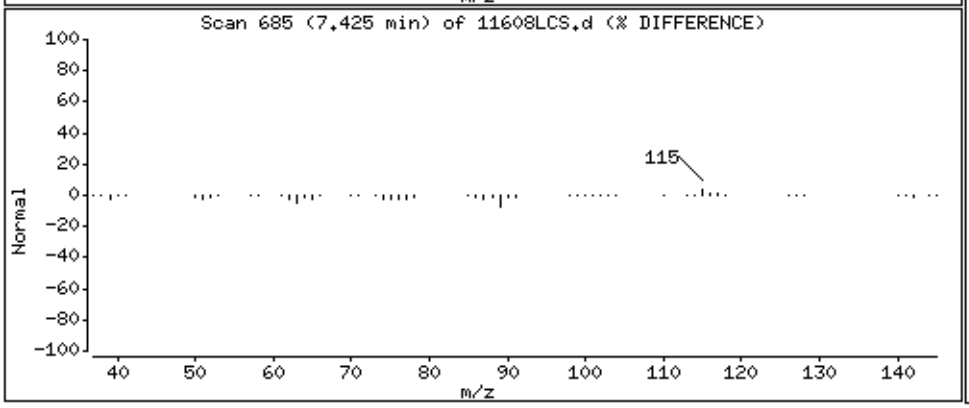












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

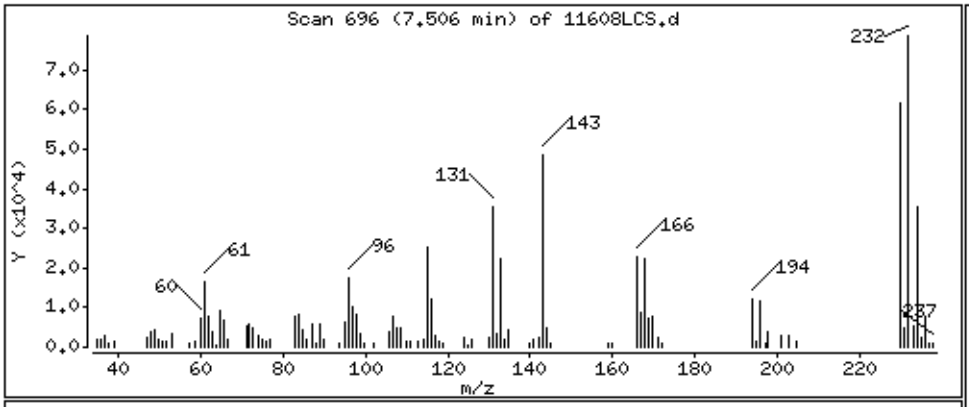
Operator: MJ

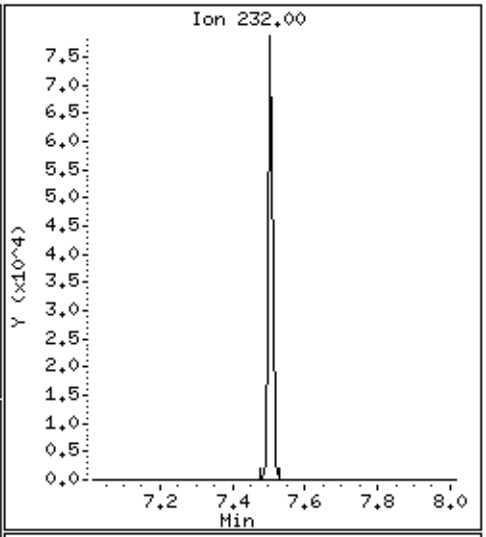
Column phase: HPMS-5

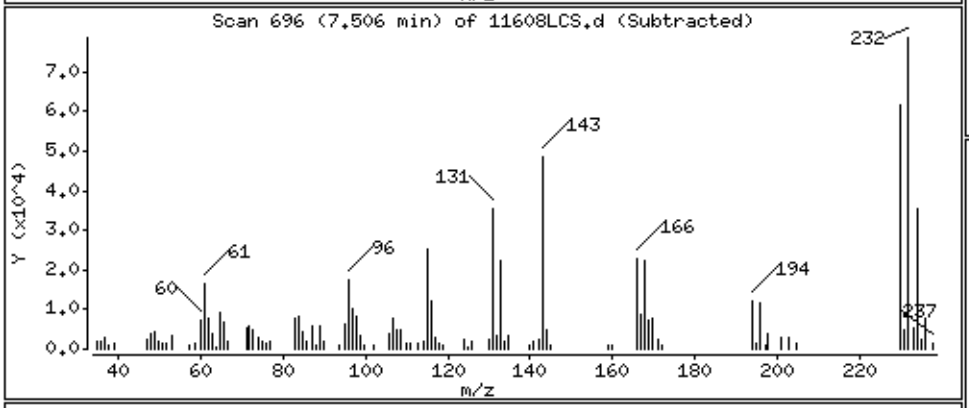
Column diameter: 0.25

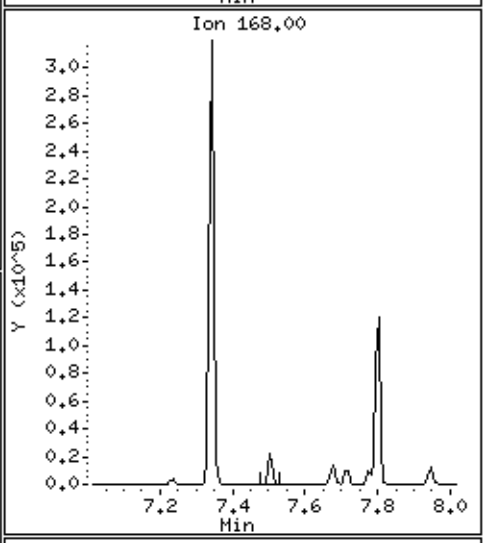
78 2,3,4,6-Tetrachlorophenol

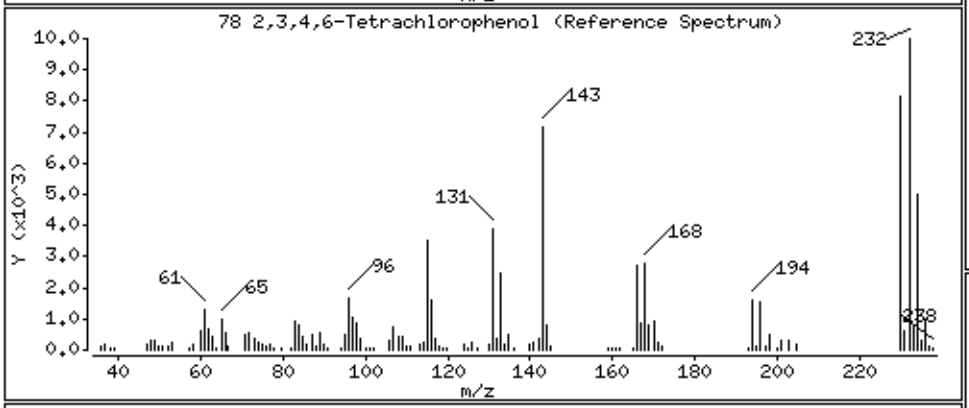
Concentration: 1990 ug/kg

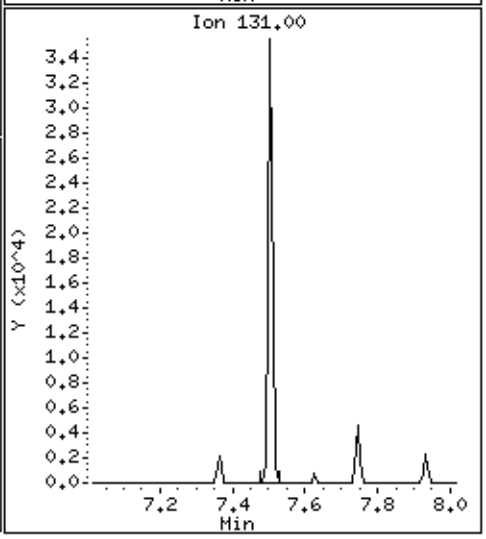


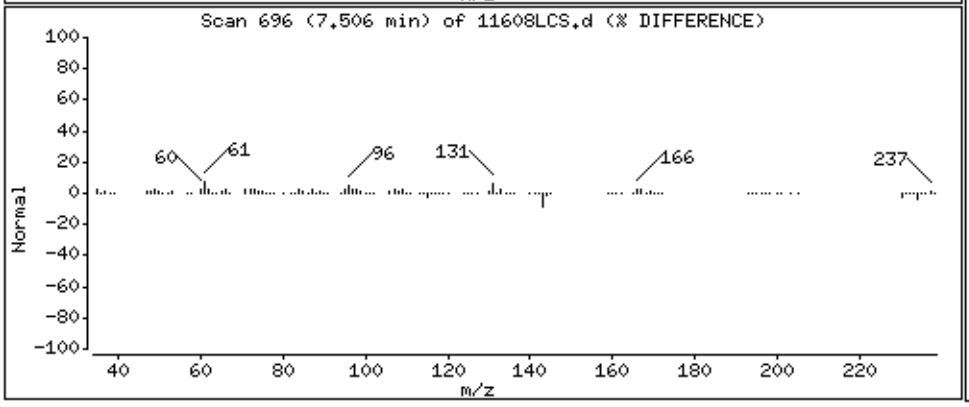












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

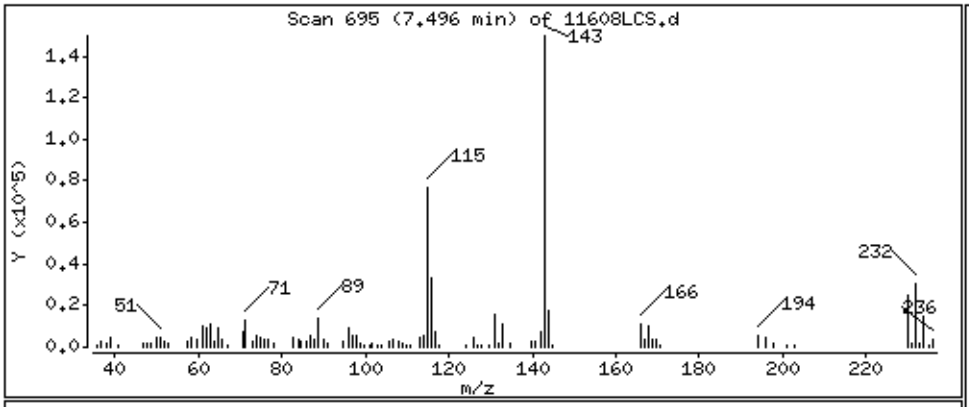
Operator: MJ

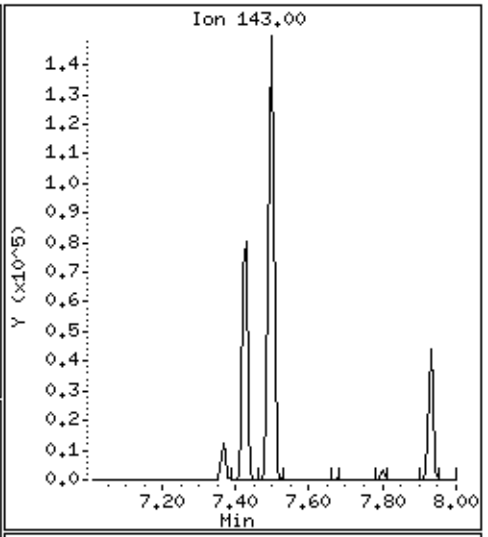
Column phase: HPMS-5

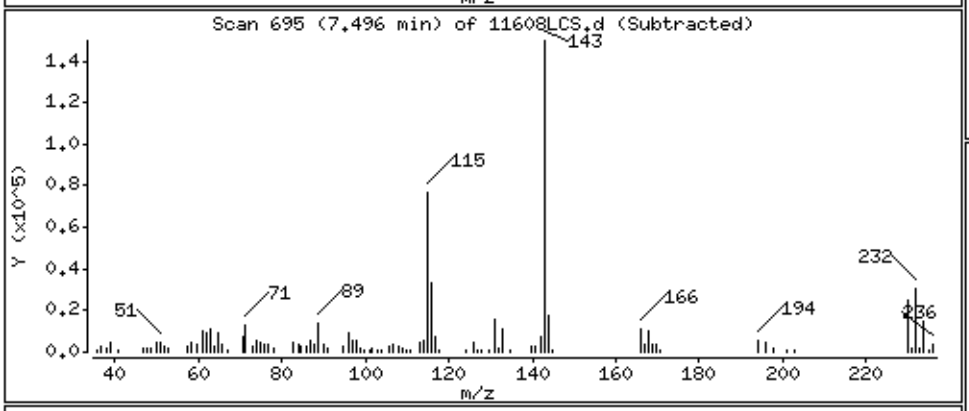
Column diameter: 0.25

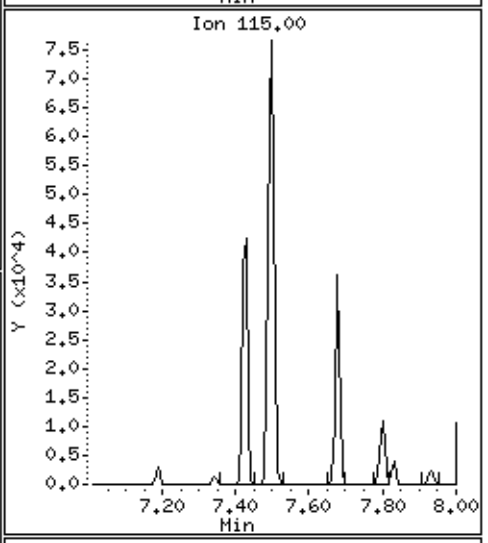
79 2-Naphthylamine

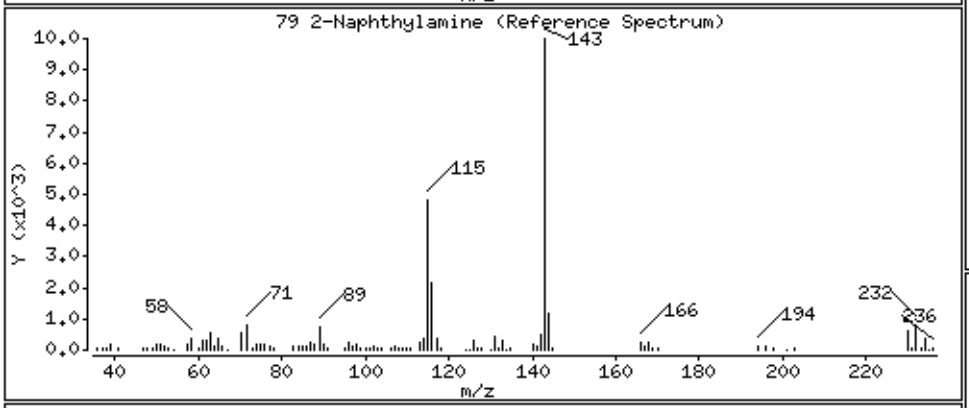
Concentration: 1280 ug/kg

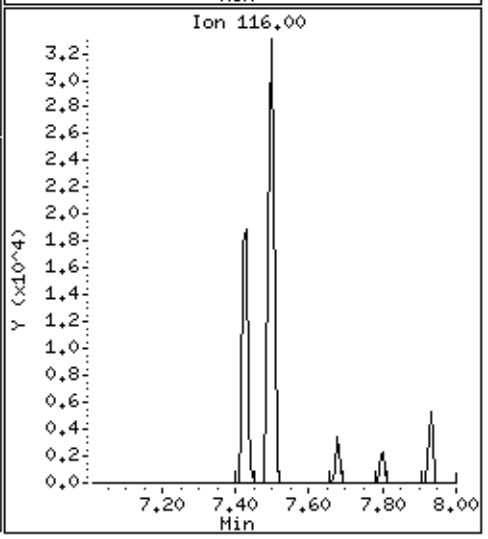


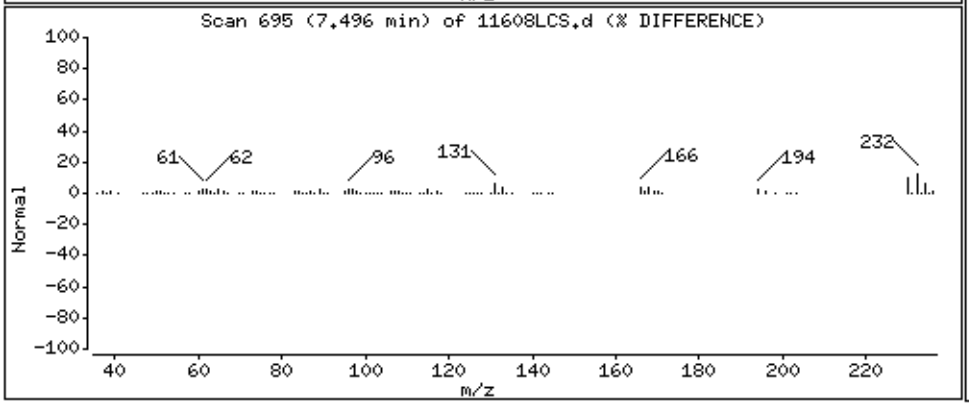












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

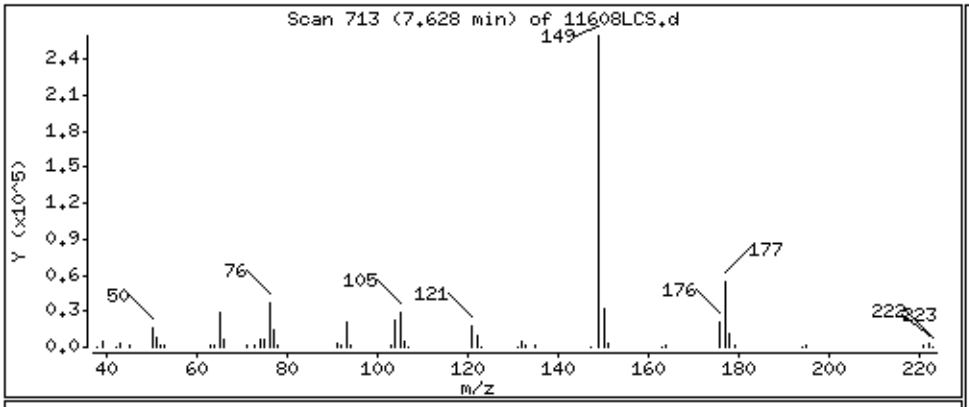
Operator: MJ

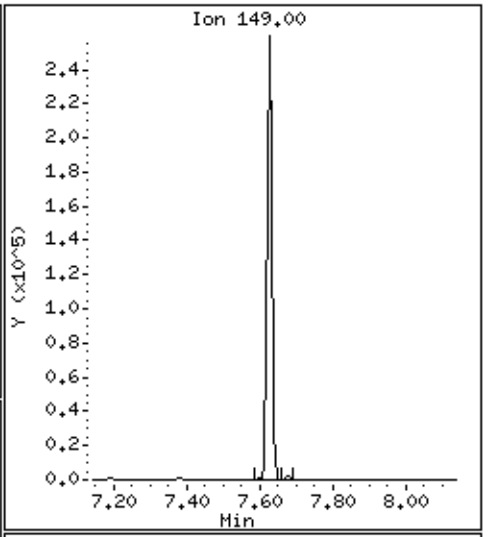
Column phase: HPMS-5

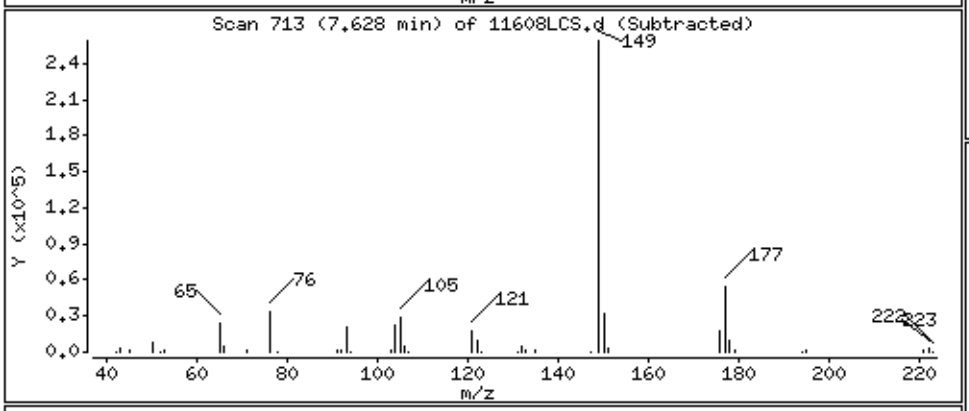
Column diameter: 0.25

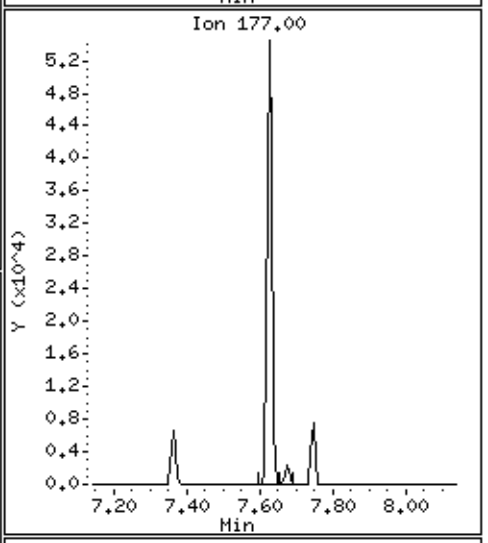
80 Diethylphthalate

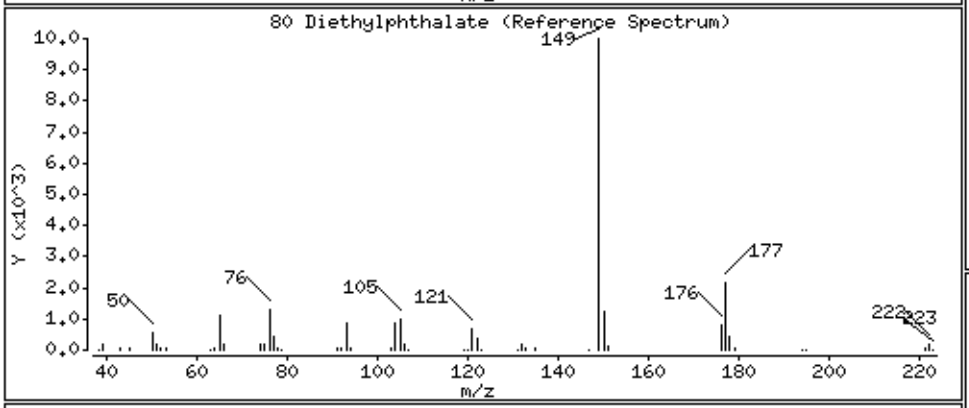
Concentration: 1880 ug/kg

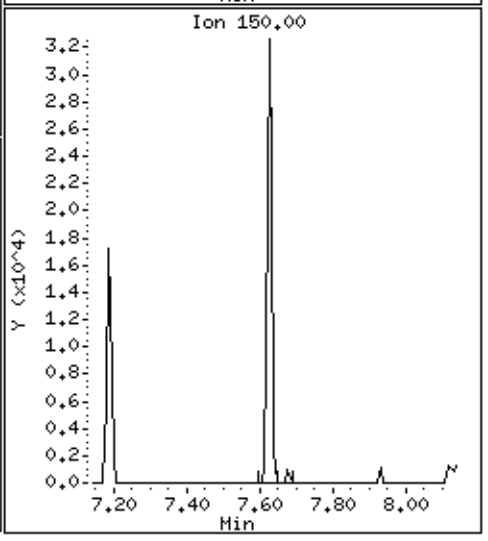


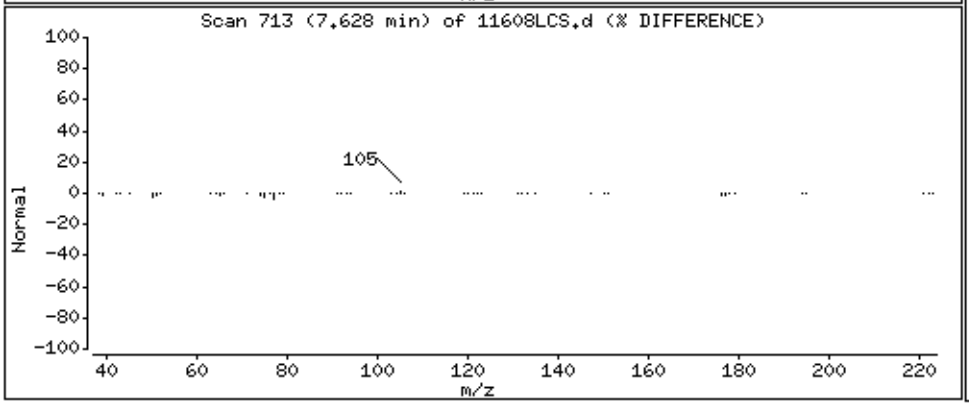












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

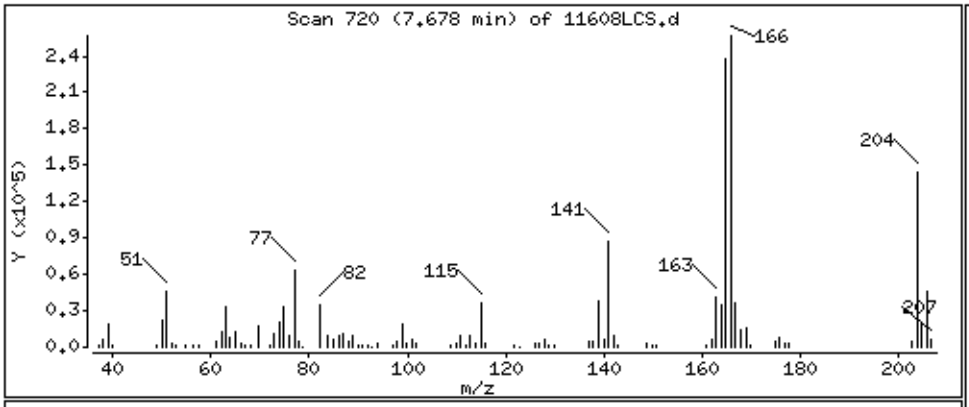
Operator: MJ

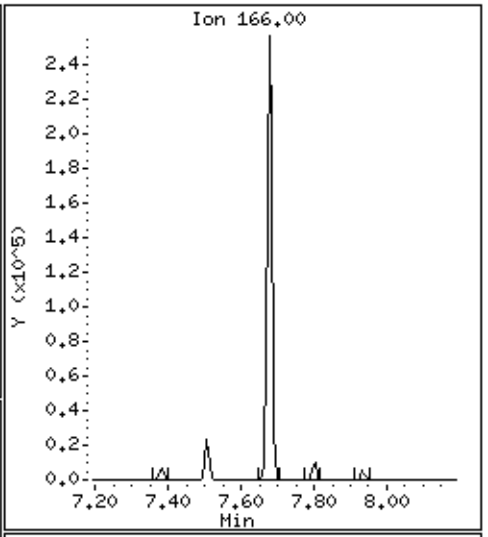
Column phase: HPMS-5

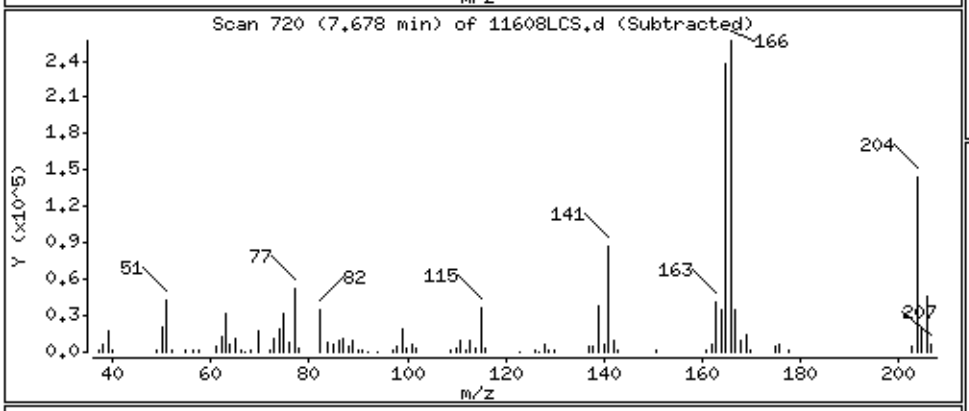
Column diameter: 0.25

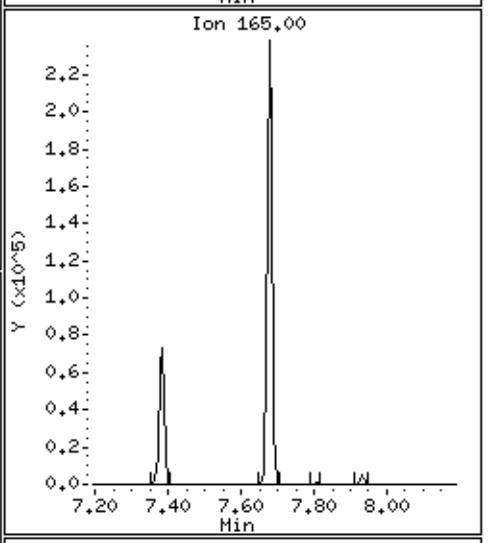
81 Fluorene

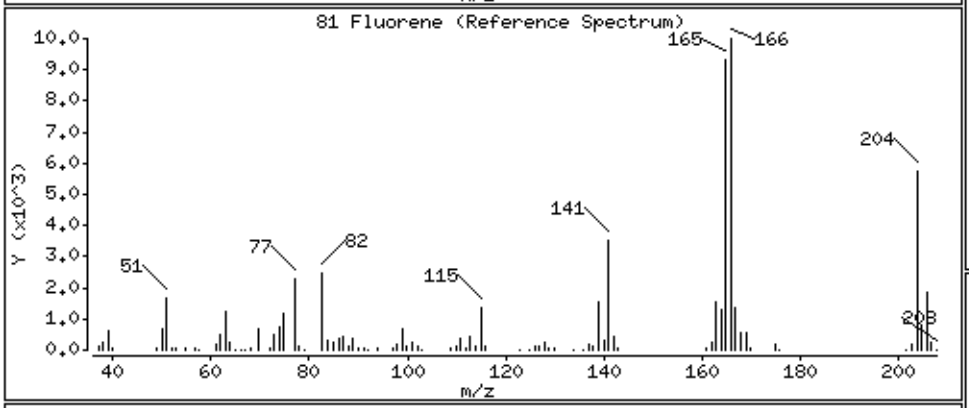
Concentration: 1800 ug/kg

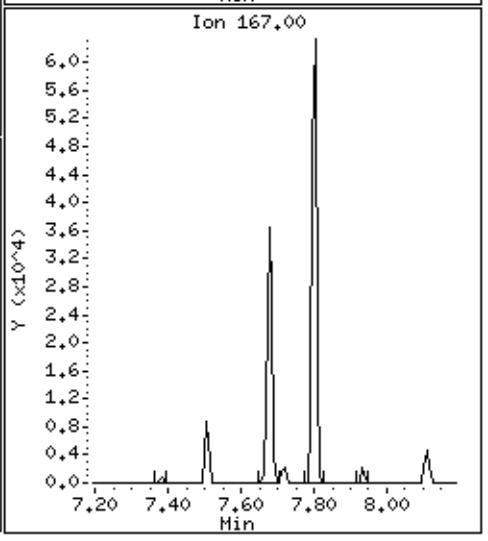


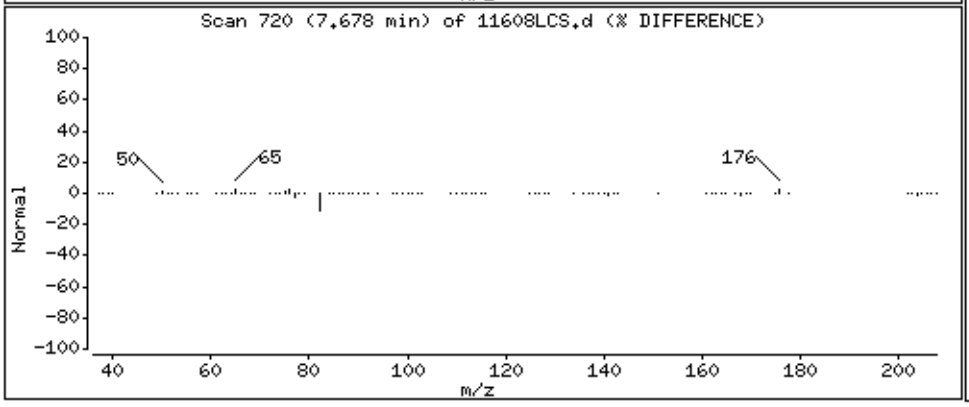












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

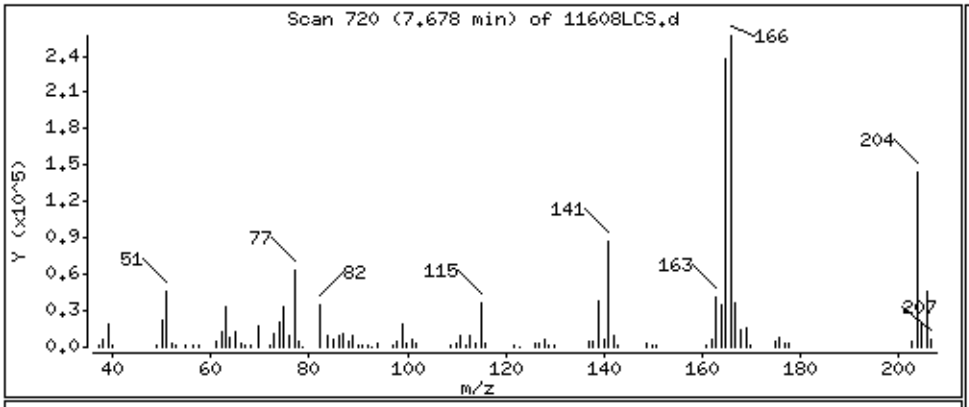
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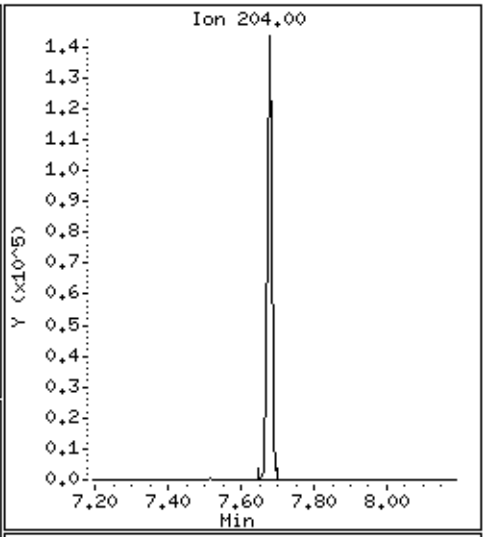
Column phase: HPMS-5

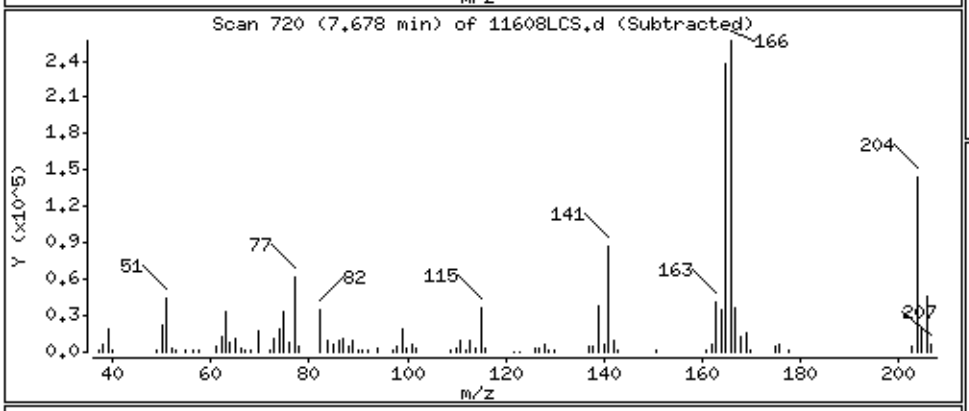
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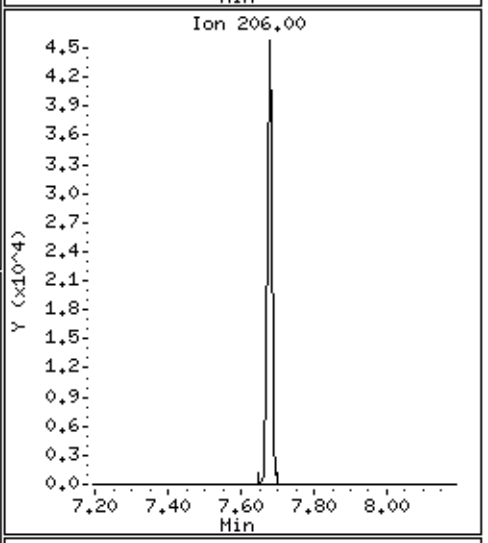
82 4-Chlorophenyl-phenylether

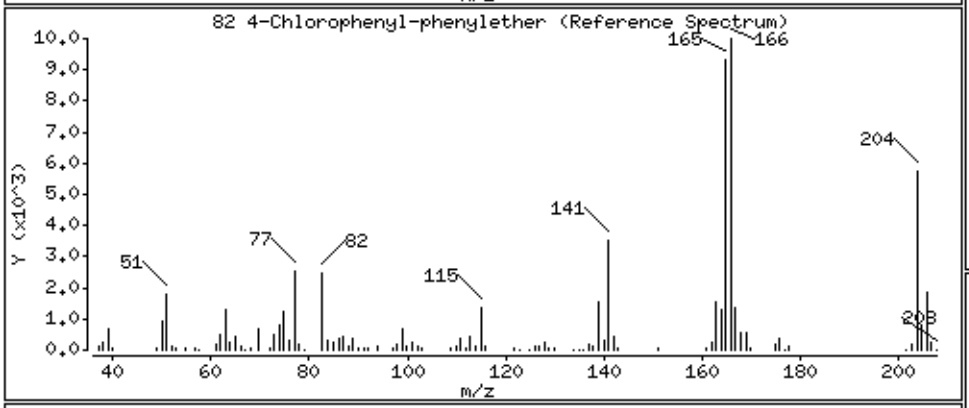
Concentration: 1780 ug/kg

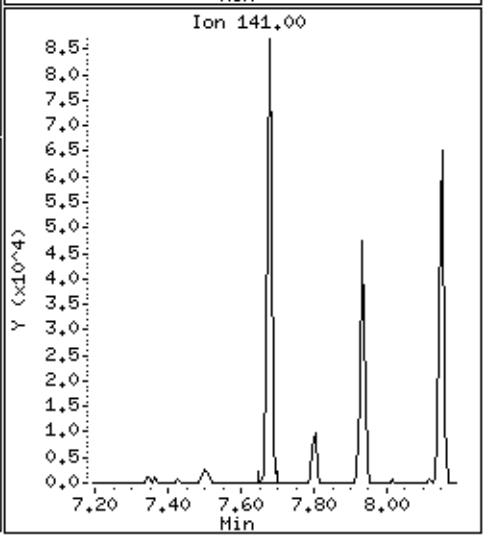


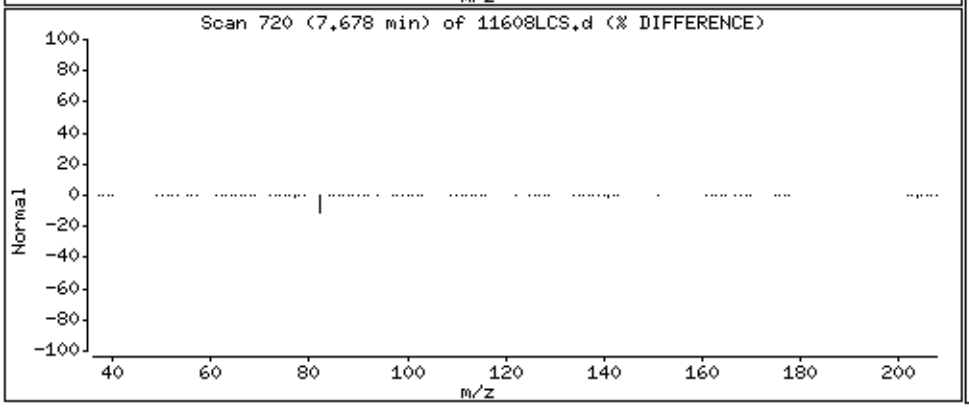












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

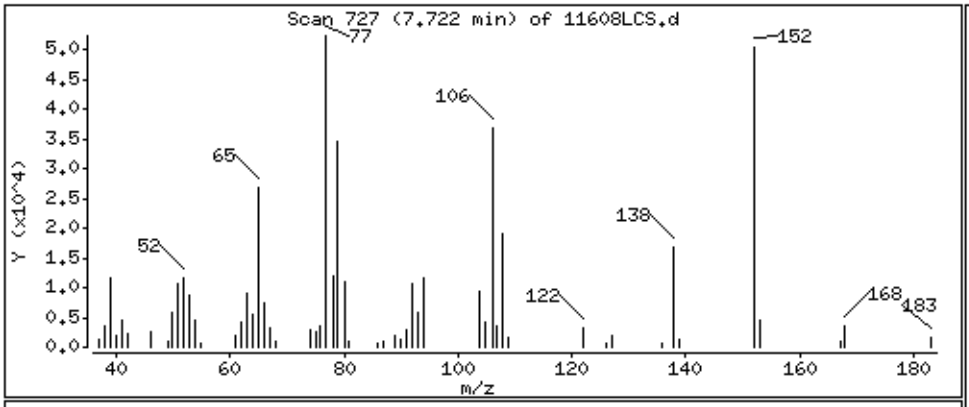
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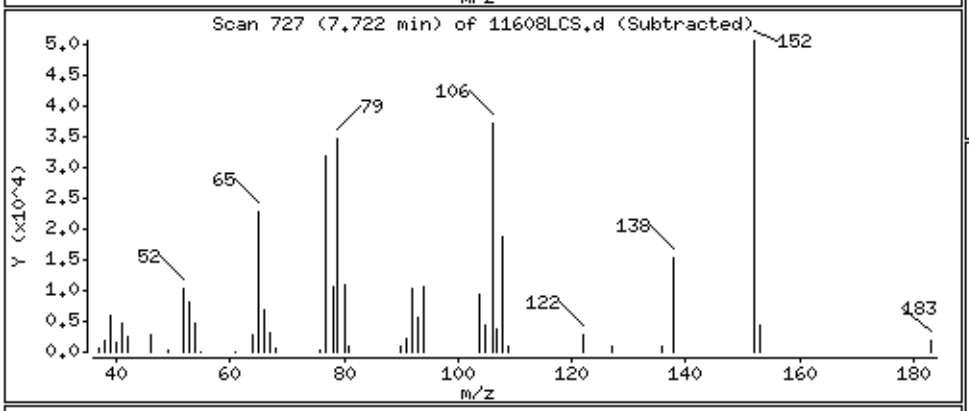
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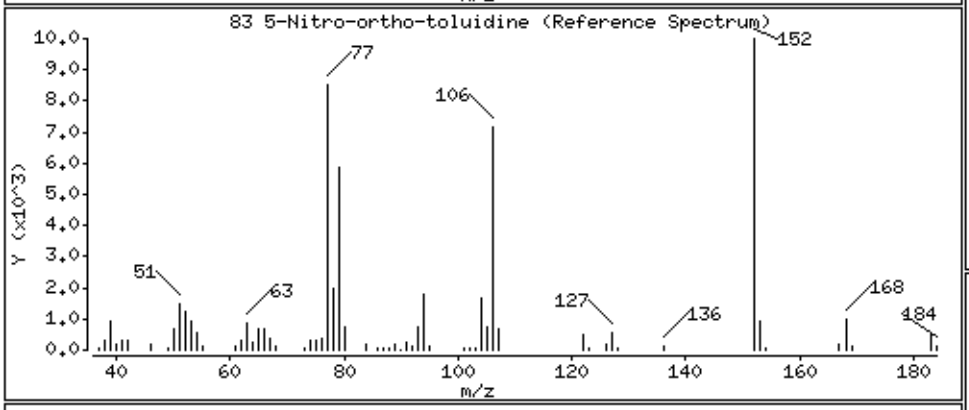
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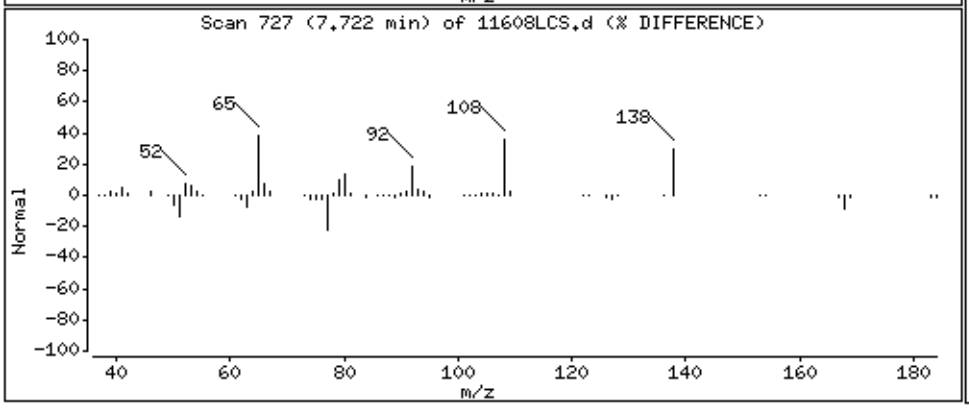
83 5-Nitro-ortho-toluidine

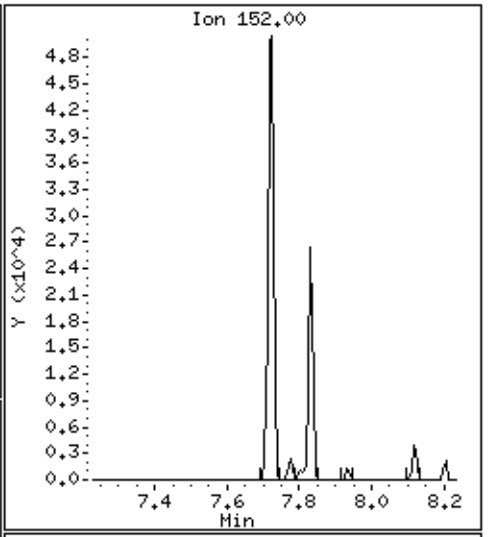
Concentration: 1610 ug/kg

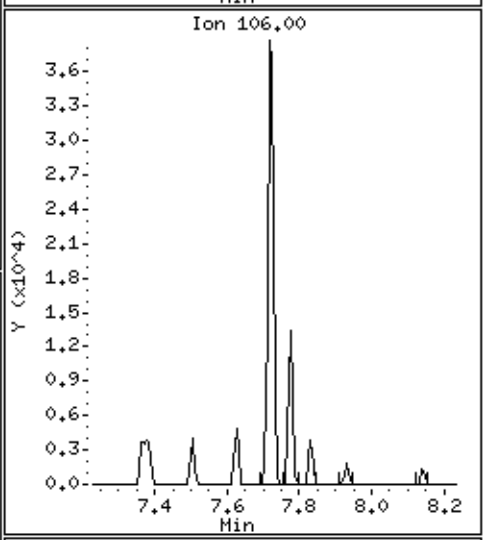


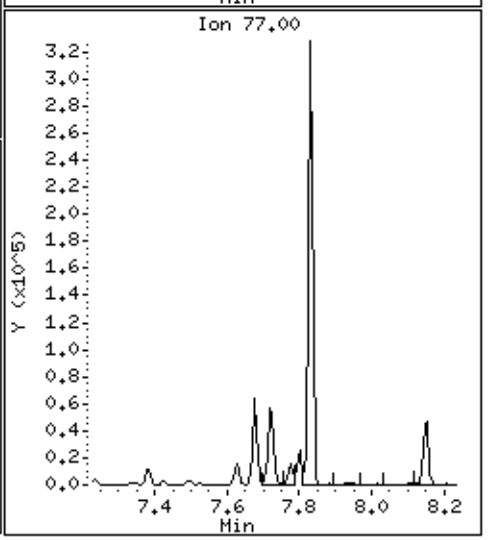












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

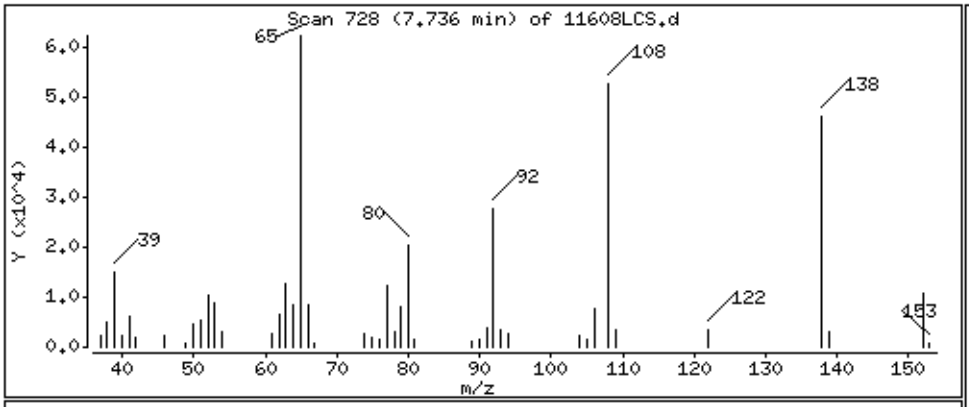
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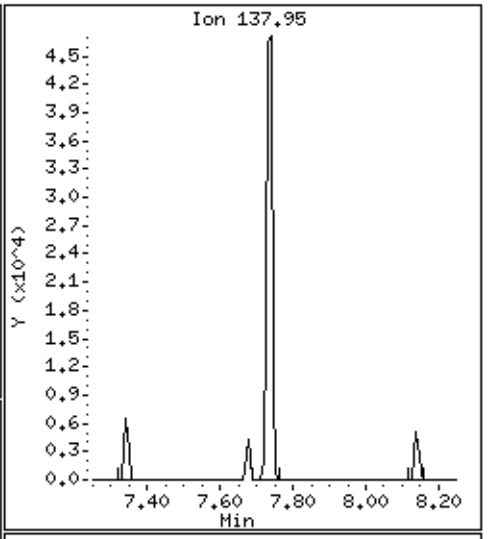
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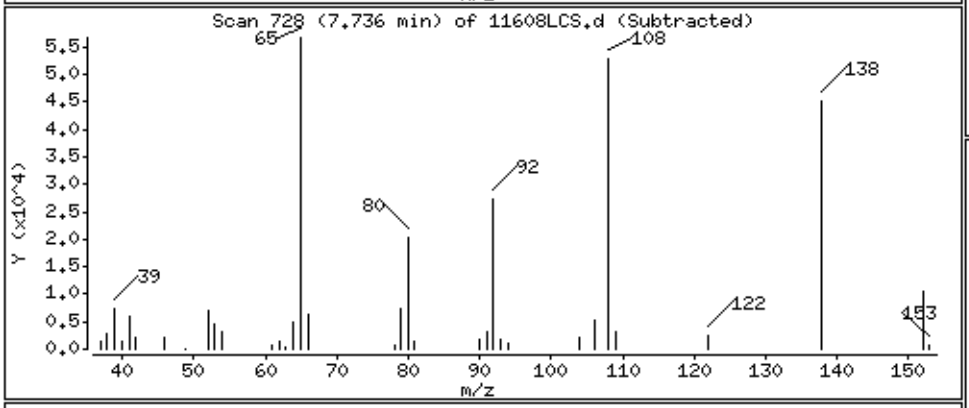
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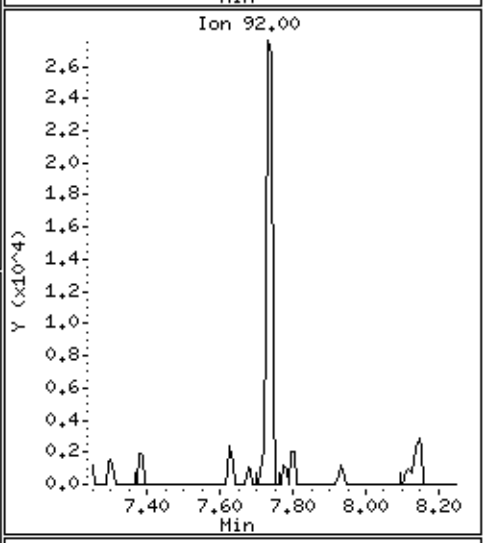
84 4-Nitroaniline

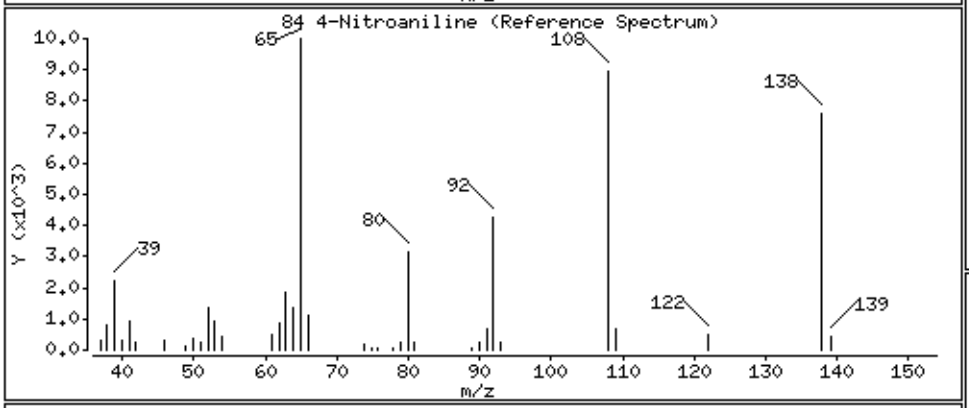
Concentration: 2050 ug/kg

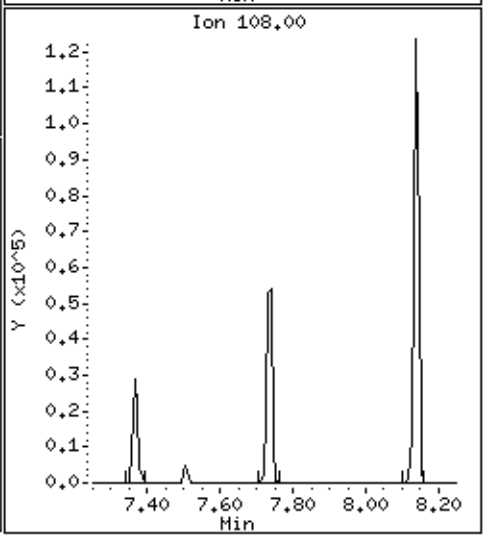


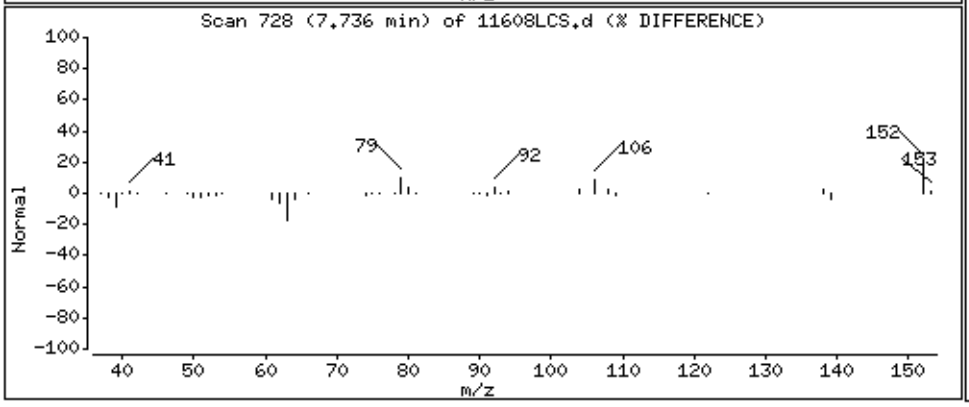












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

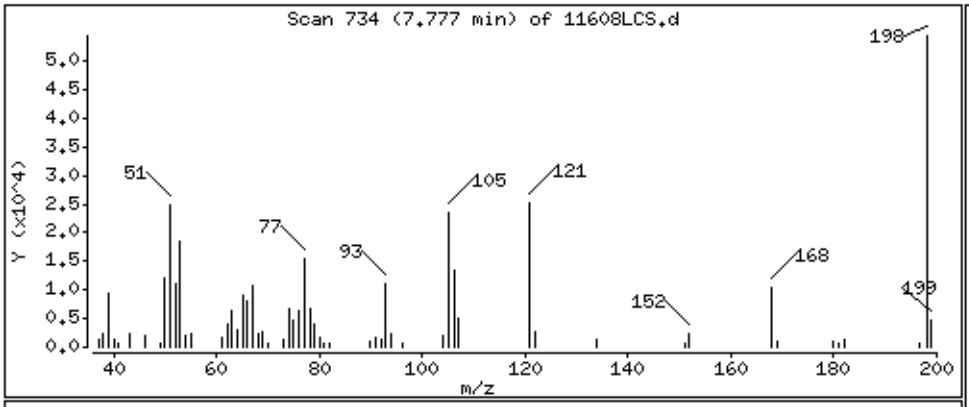
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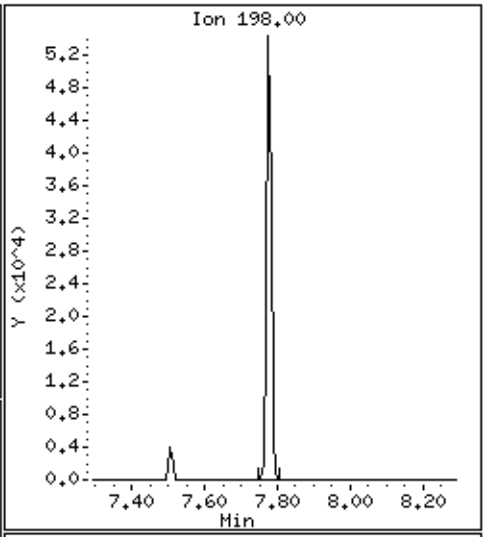
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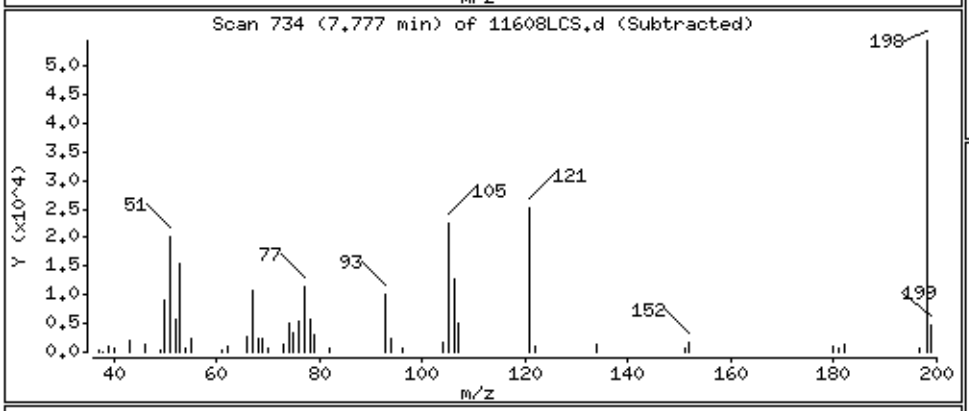
Column diameter: 0.25

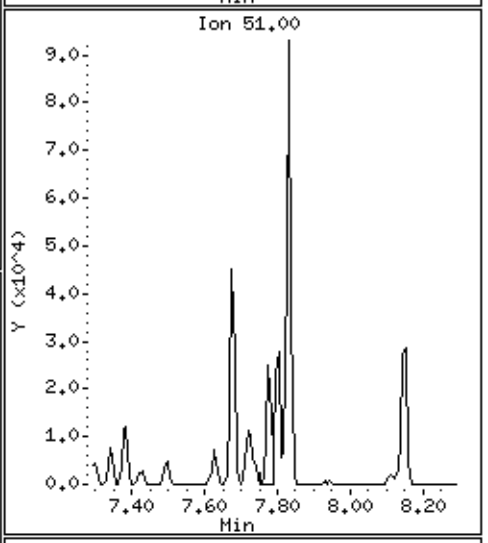
85 4,6-Dinitro-2-methylphenol

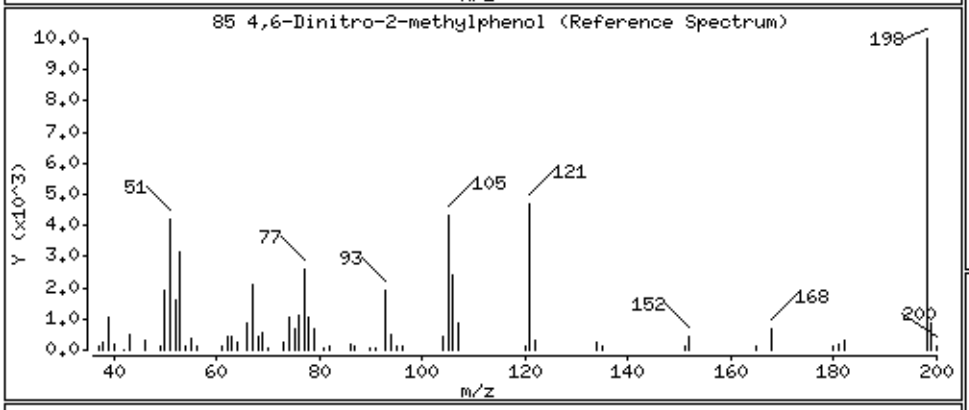
Concentration: 1960 ug/kg

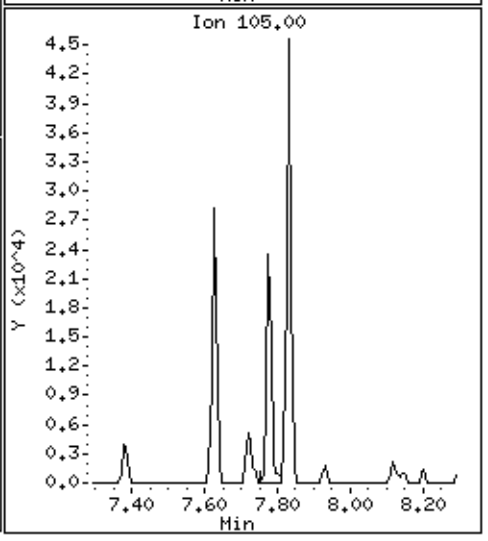


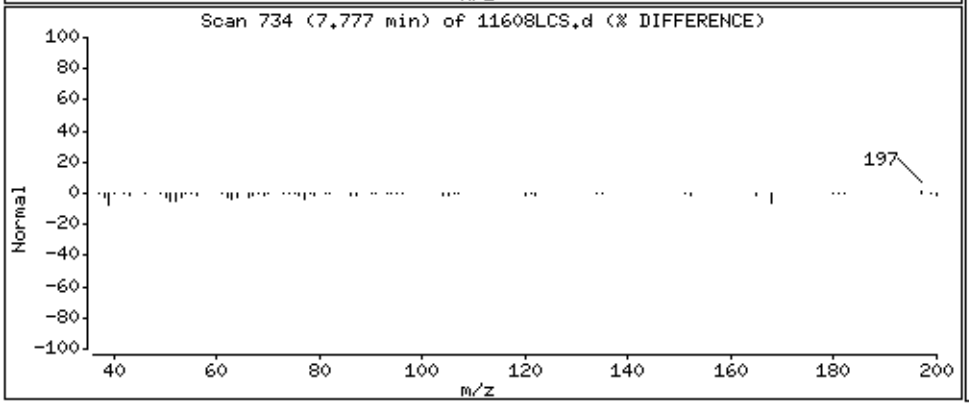












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

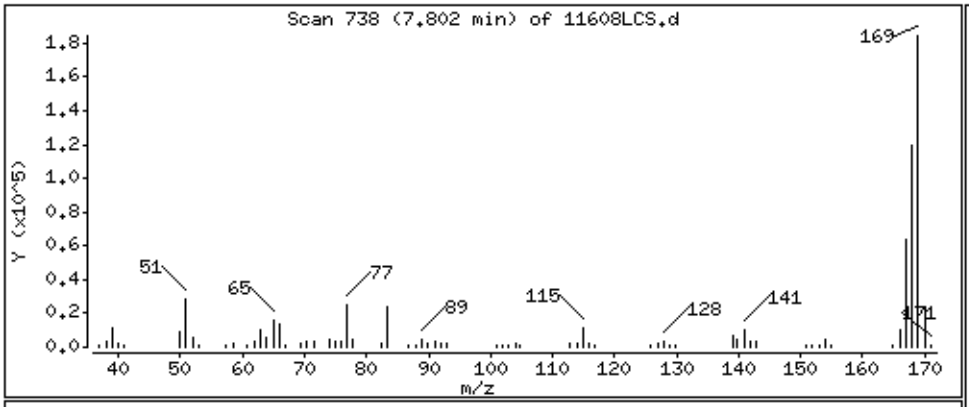
Operator: MJ

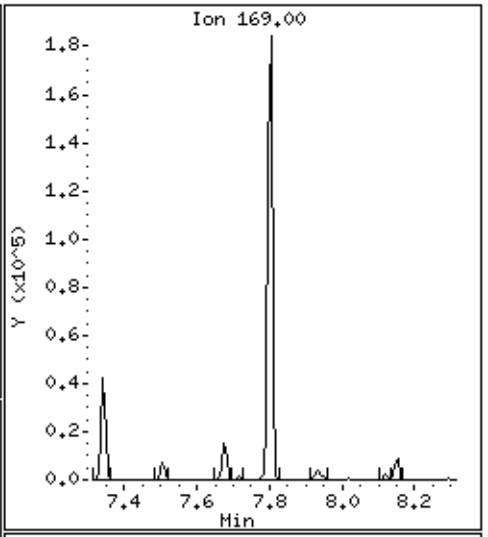
Column phase: HPMS-5

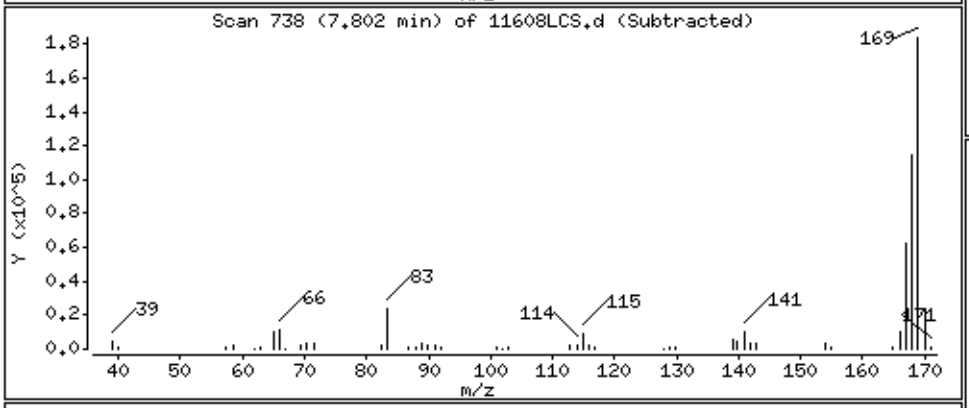
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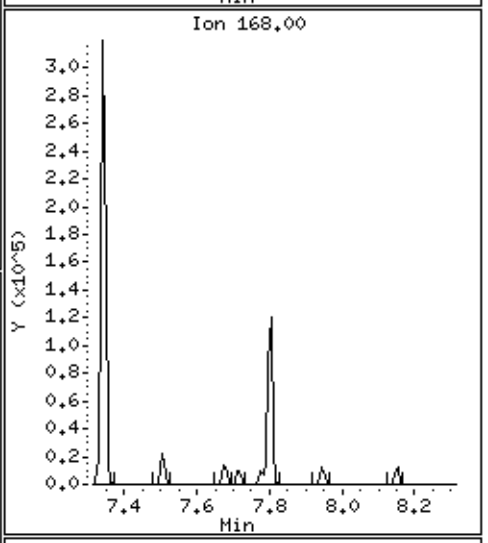
86 N-Nitrosodiphenylamine

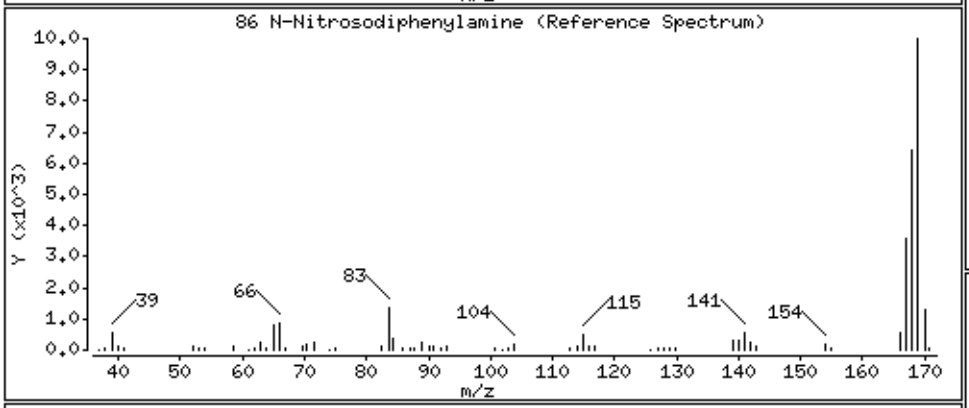
Concentration: 1960 ug/kg

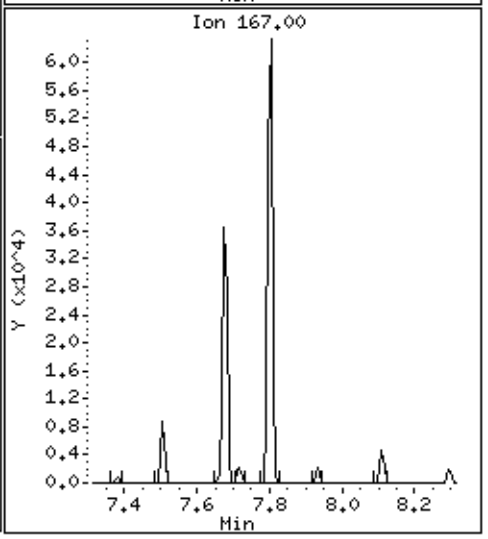


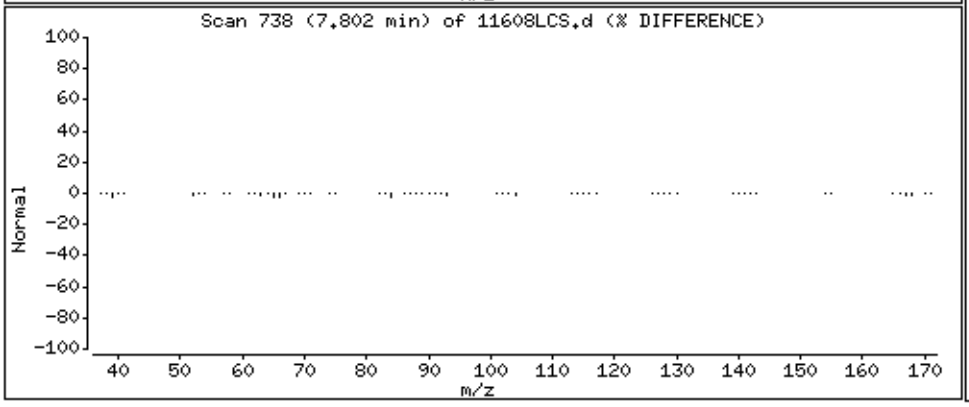












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

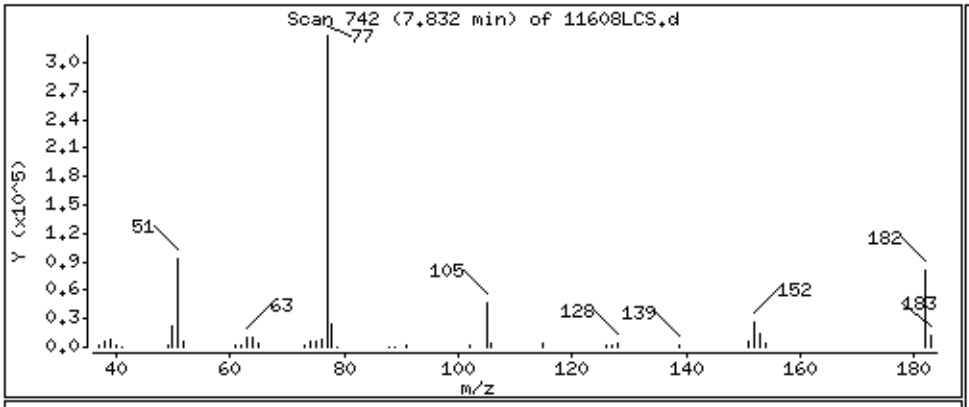
Operator: MJ

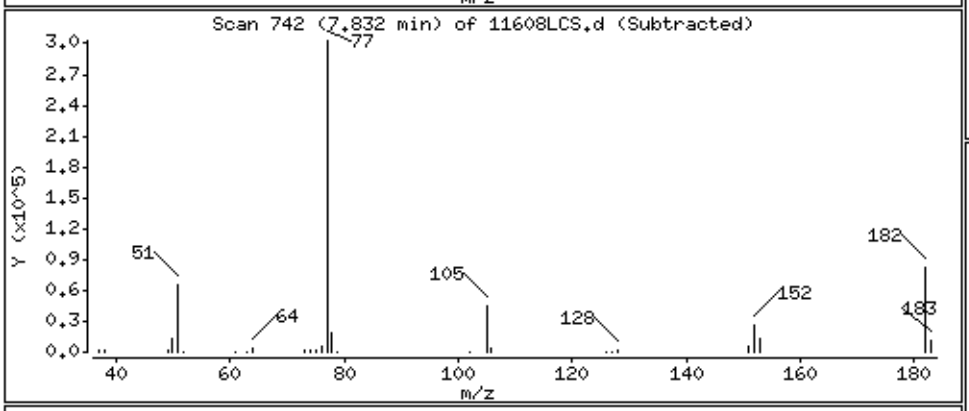
Column phase: HPMS-5

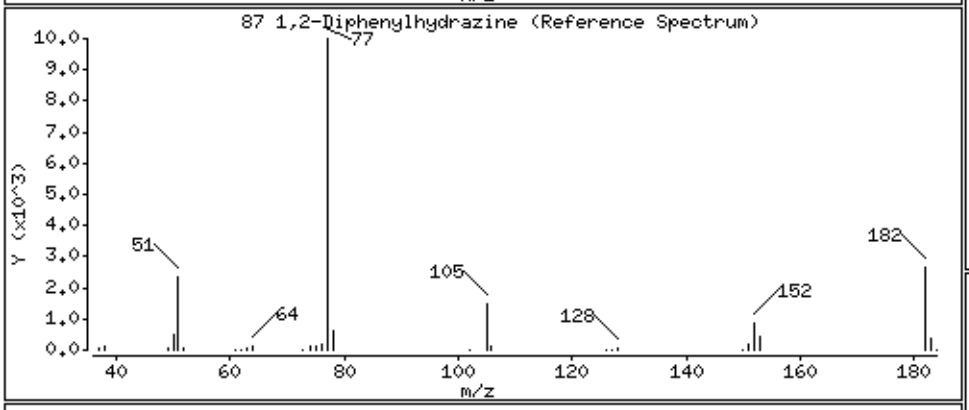
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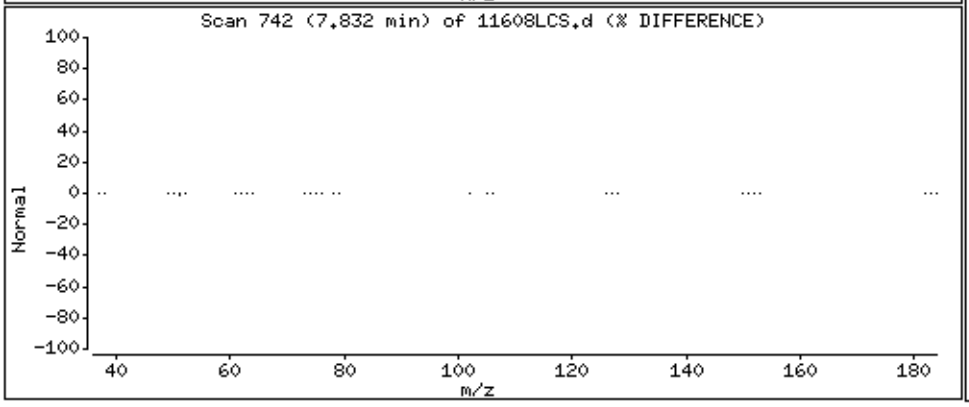
87 1,2-Diphenylhydrazine

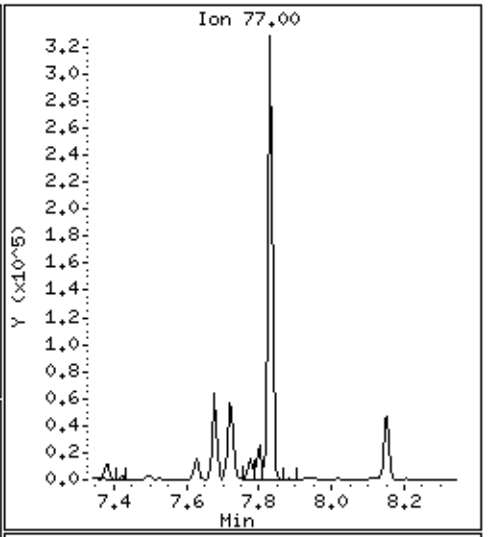
Concentration: 1850 ug/kg

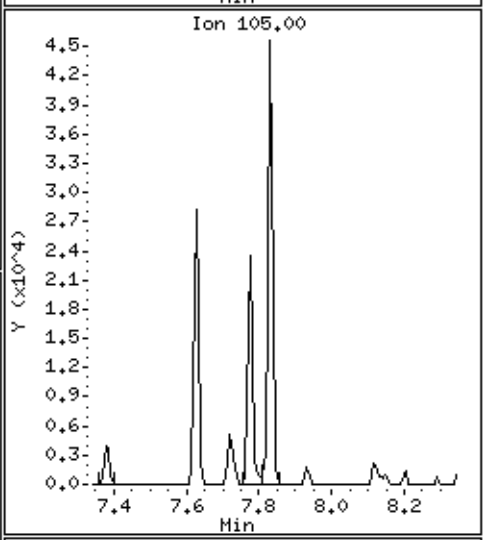


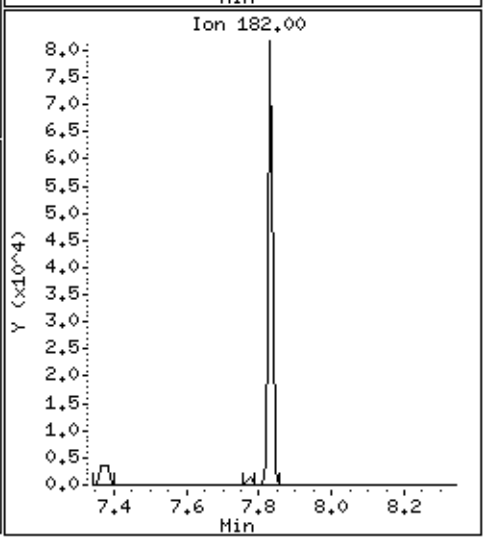












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

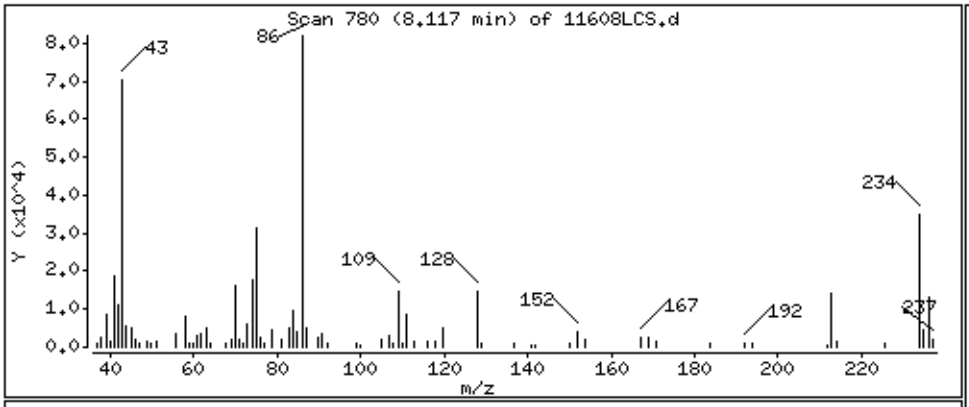
Operator: MJ

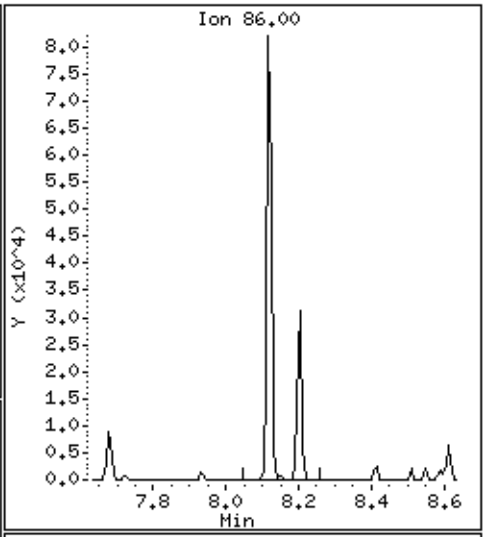
Column phase: HPMS-5

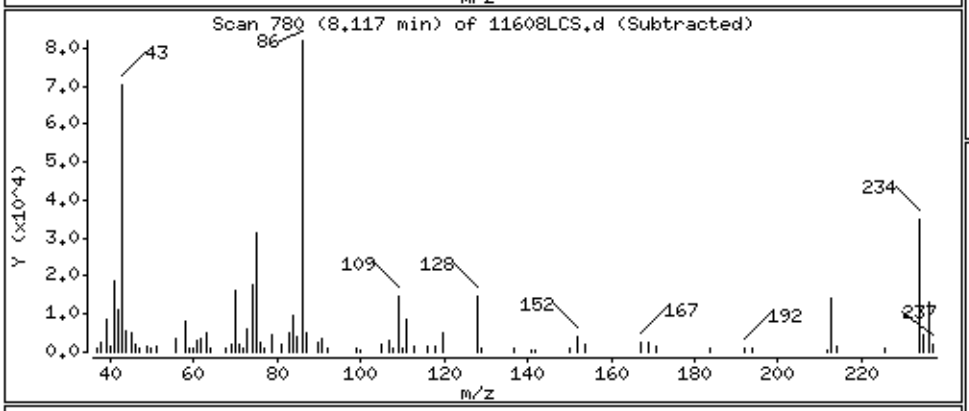
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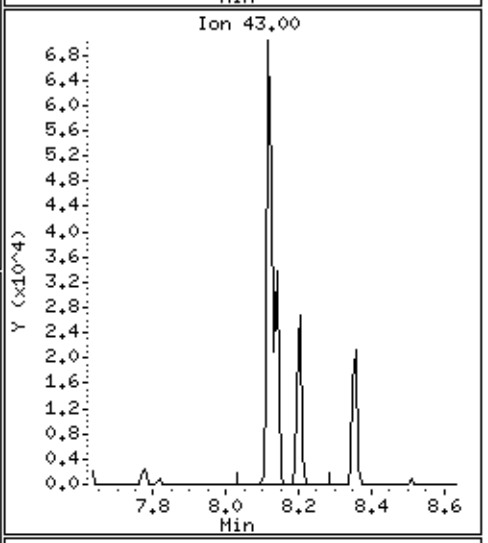
89 Diallate

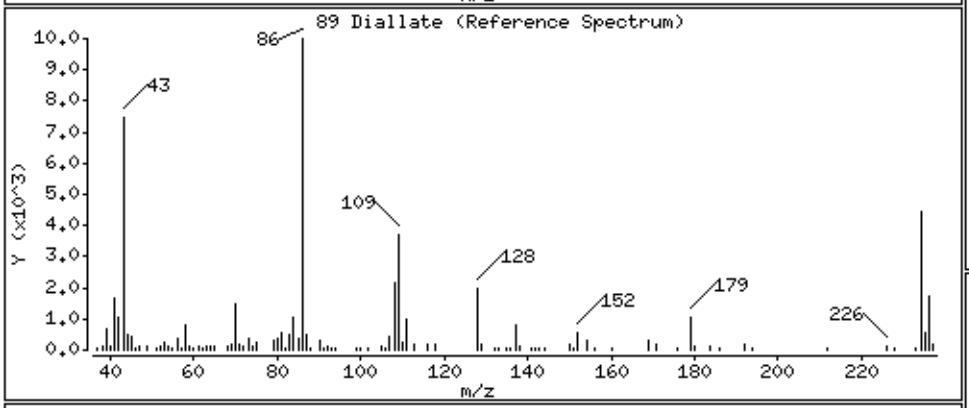
Concentration: 1700 ug/kg

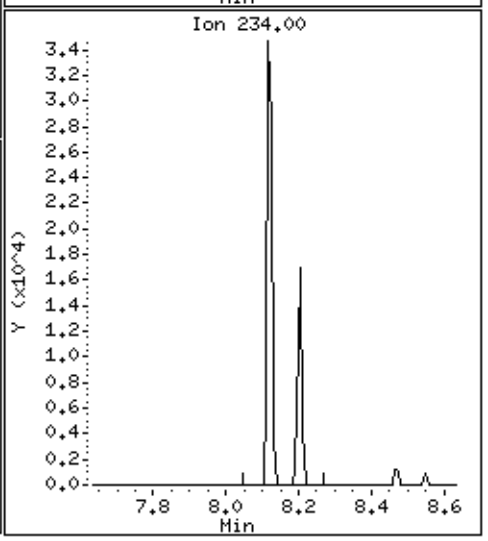


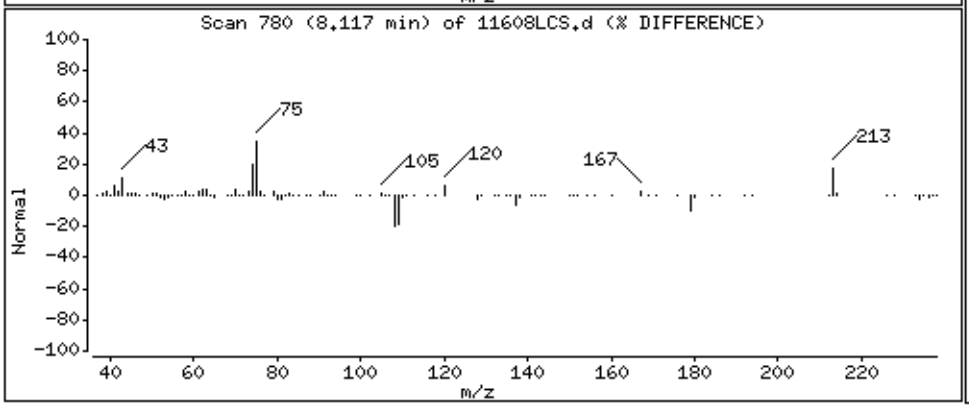












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

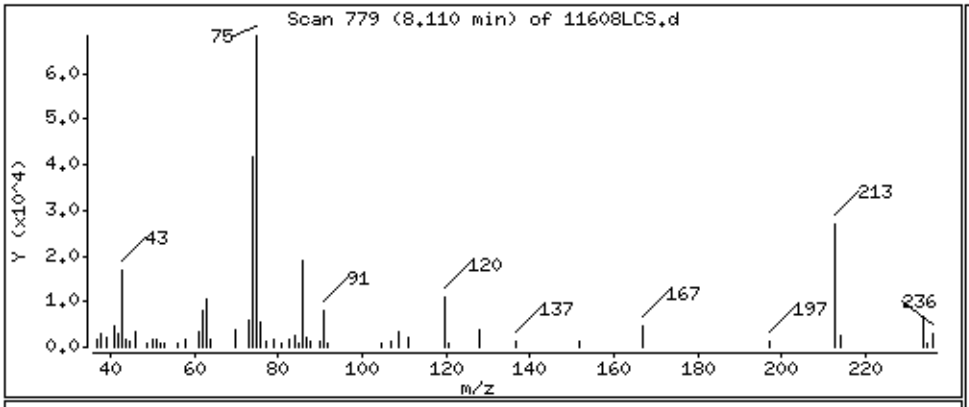
Operator: MJ

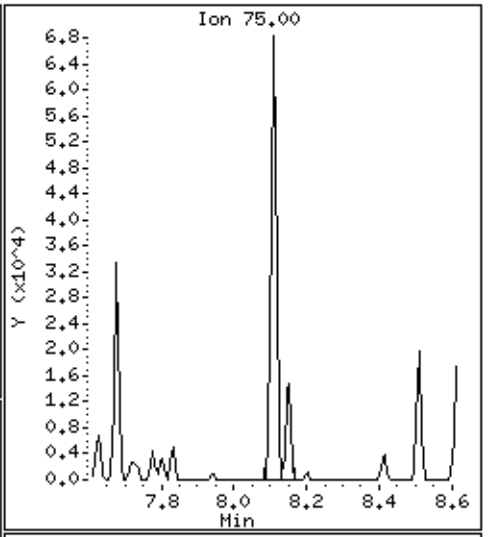
Column phase: HPMS-5

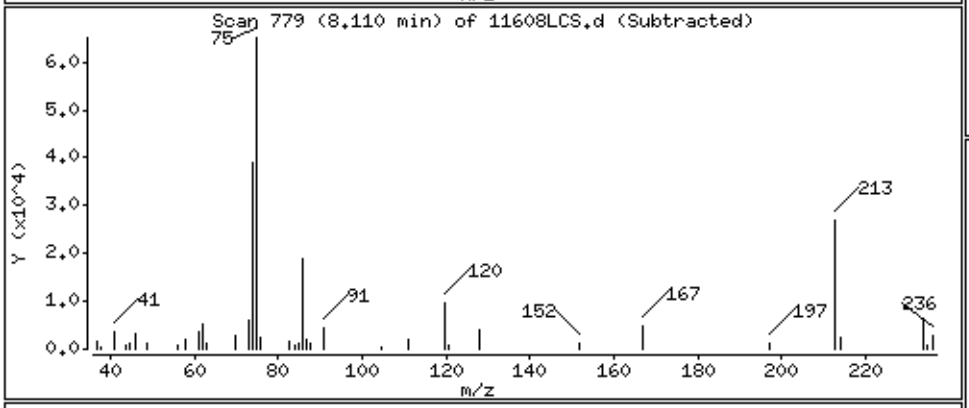
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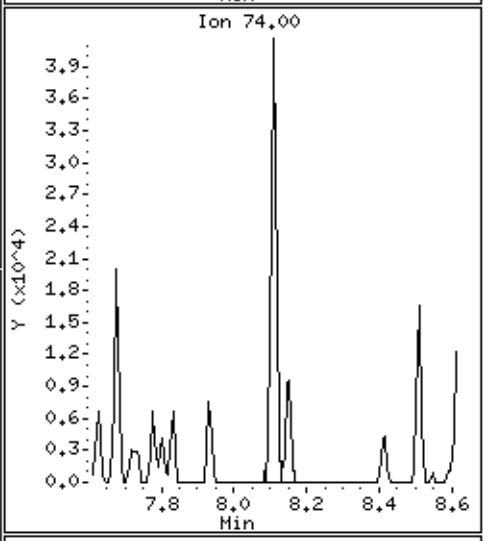
90 1,3,5-Trinitrobenzene

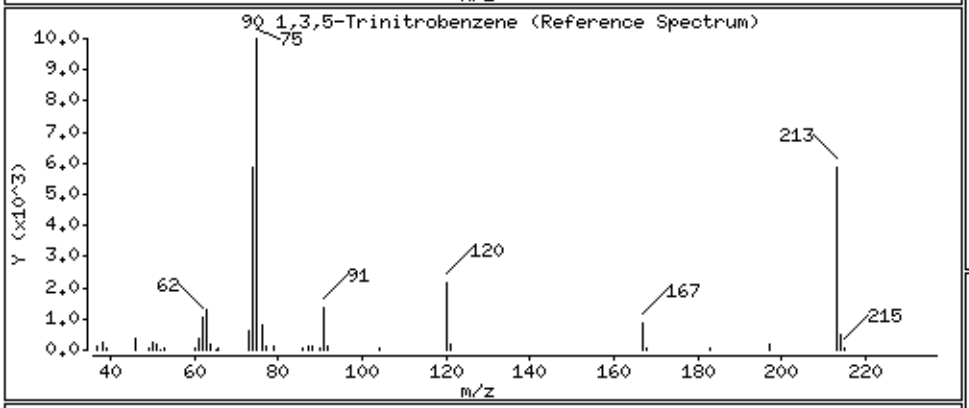
Concentration: 882 ug/kg

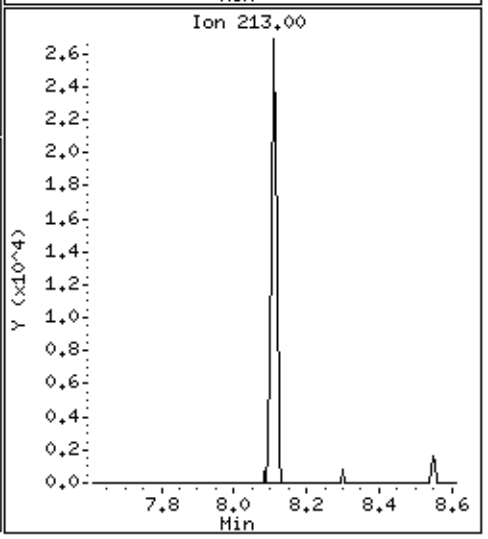


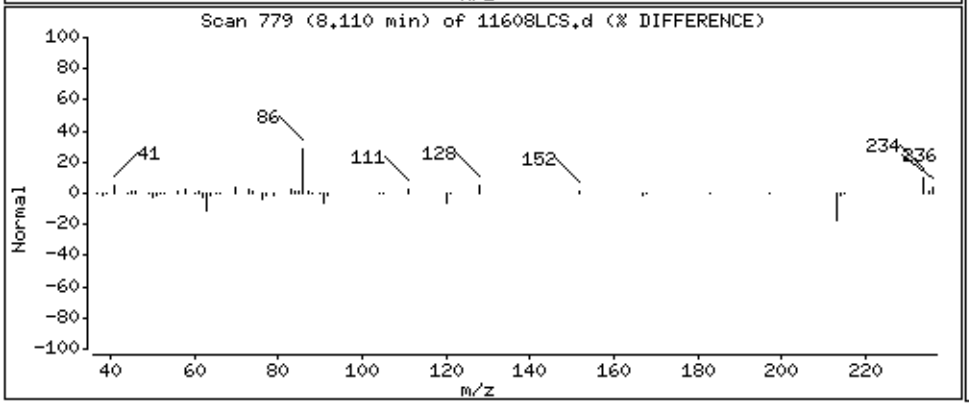












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

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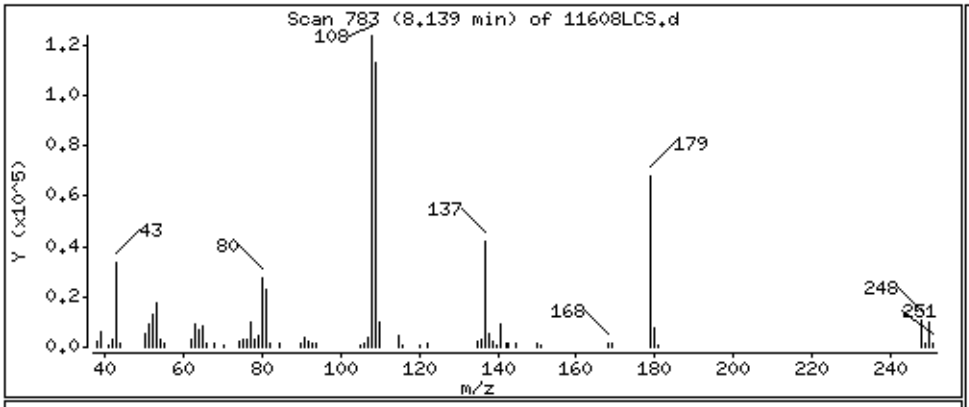
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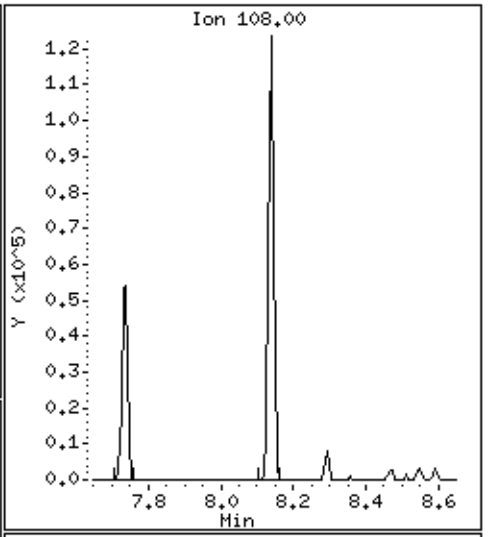
Column phase: HPMS-5

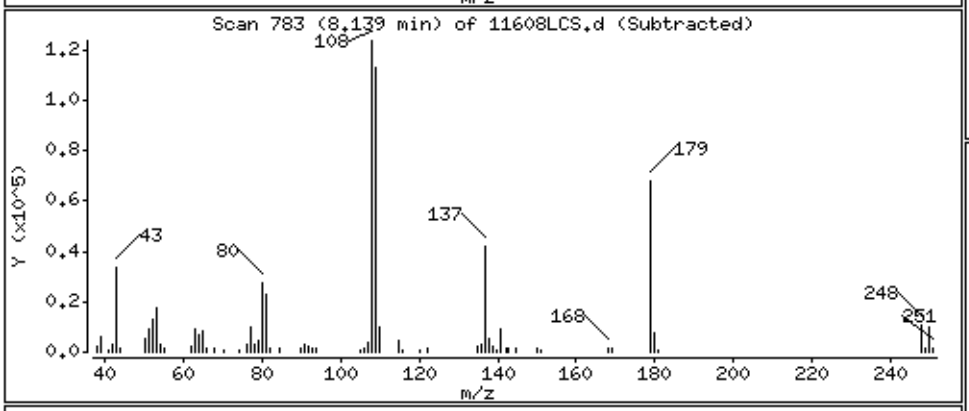
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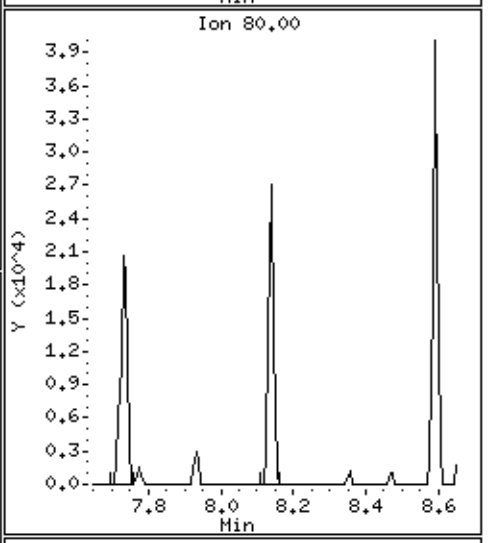
91 p-Phenylenediamine

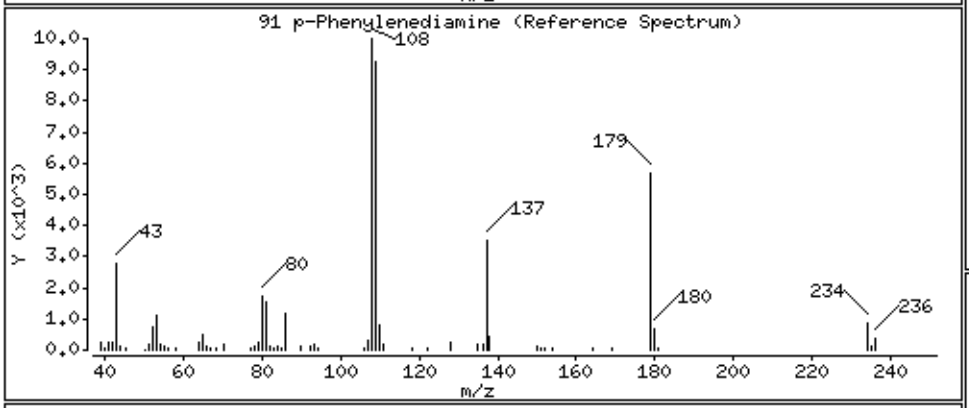
Concentration: 1680 ug/kg

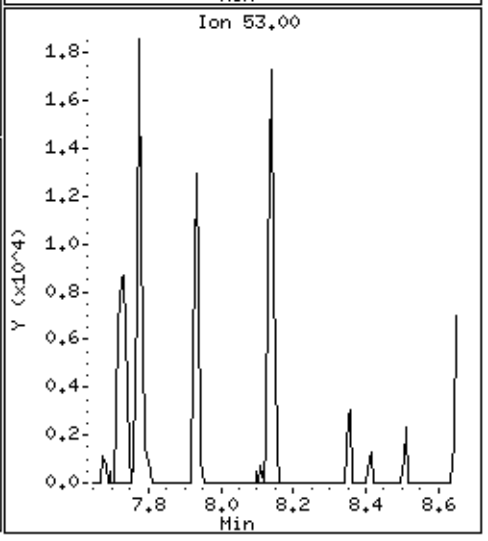


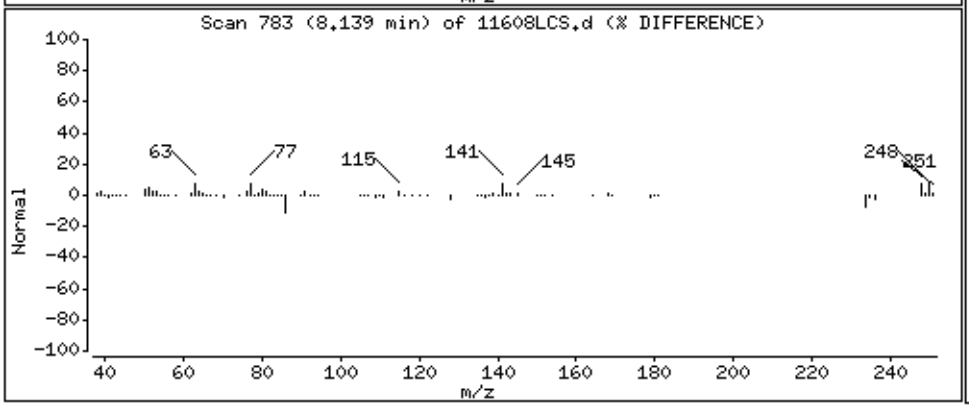












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

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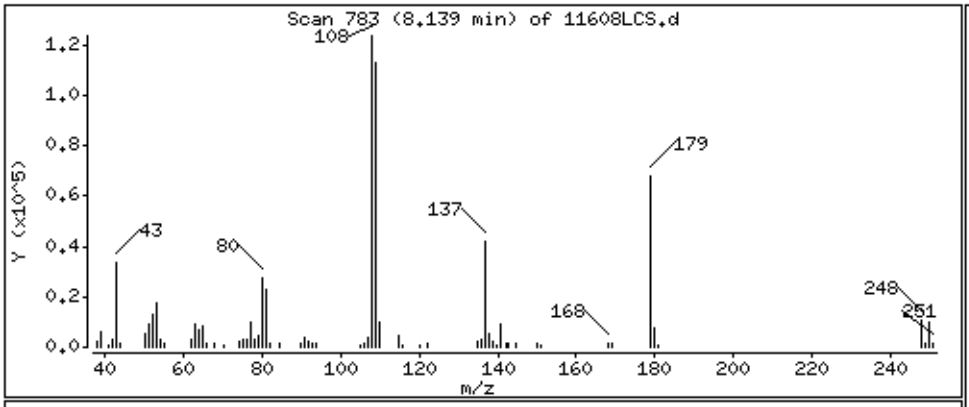
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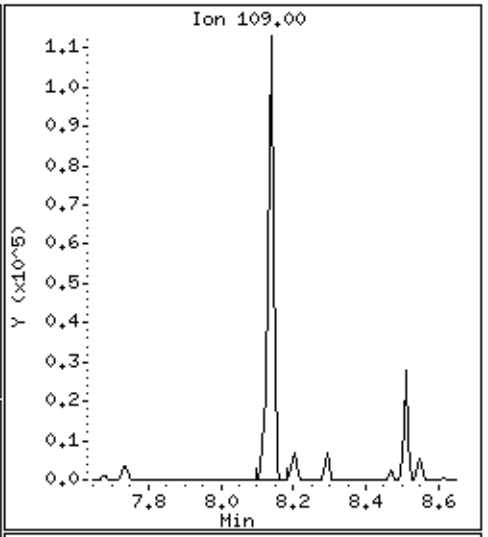
Column phase: HPMS-5

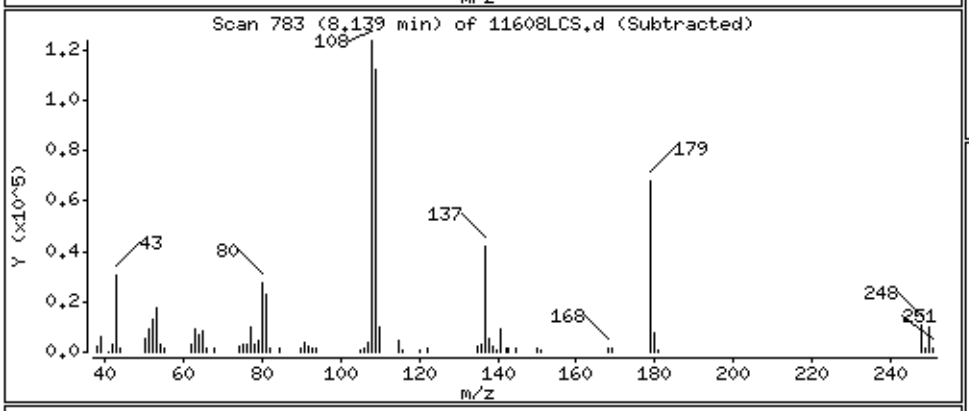
Column diameter: 0.25

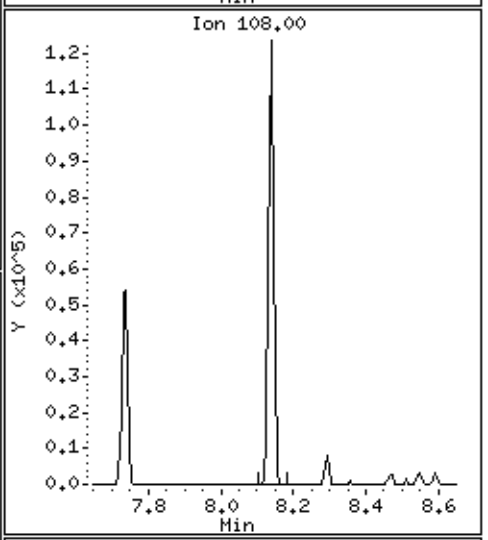
92 Phenacetin

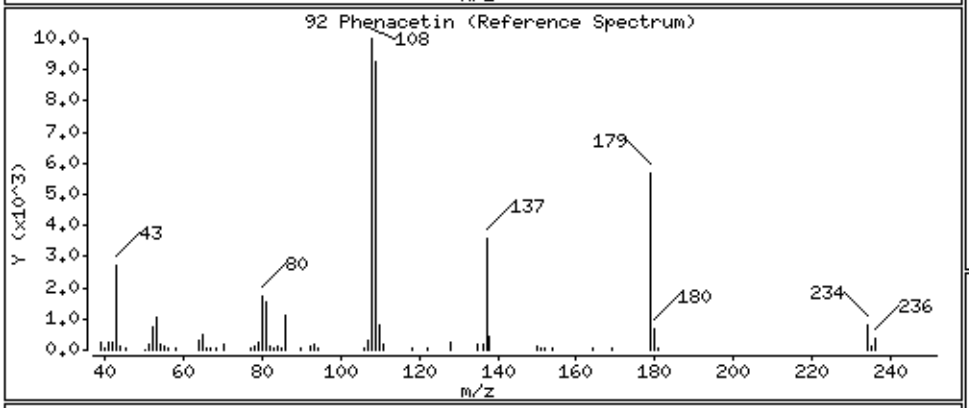
Concentration: 1630 ug/kg

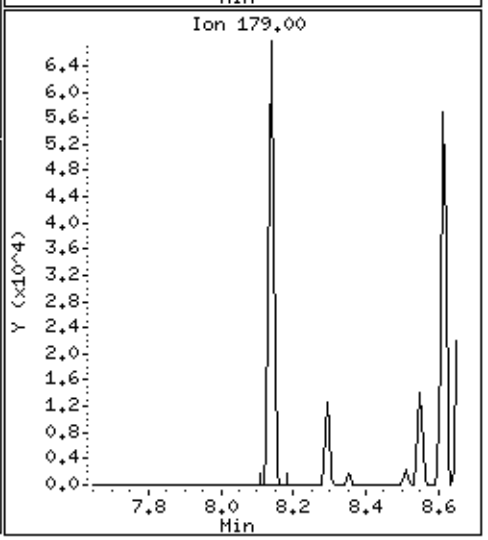


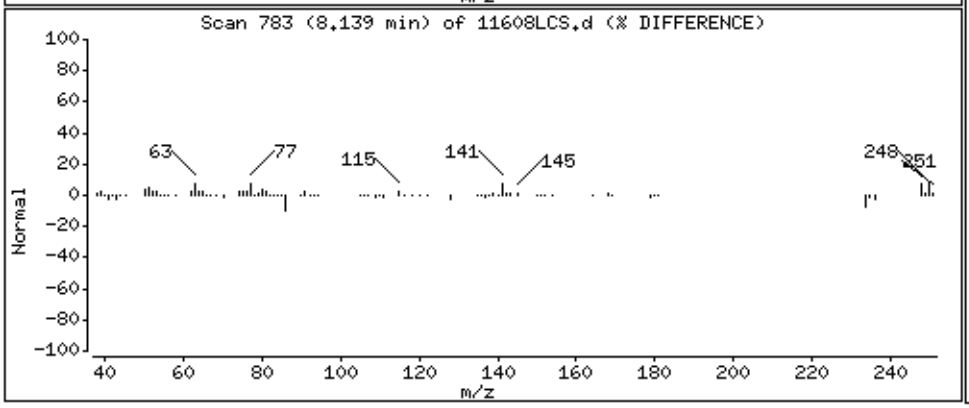












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

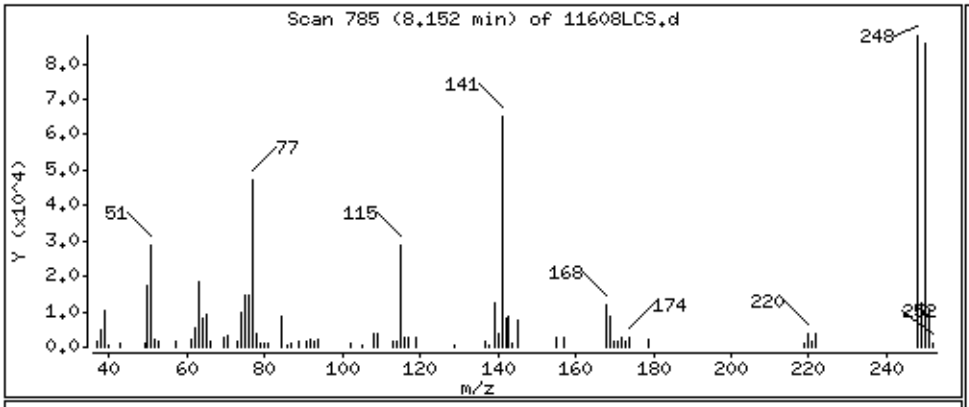
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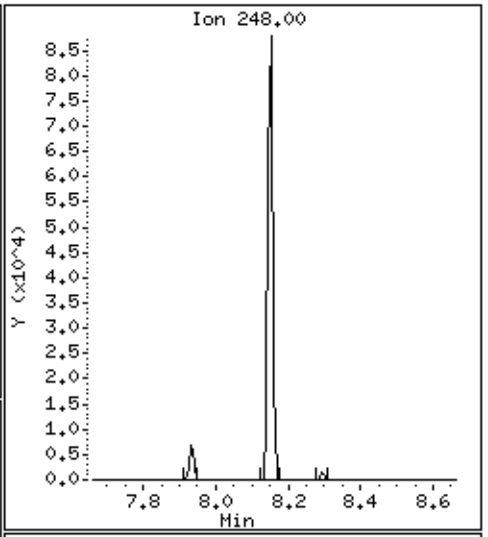
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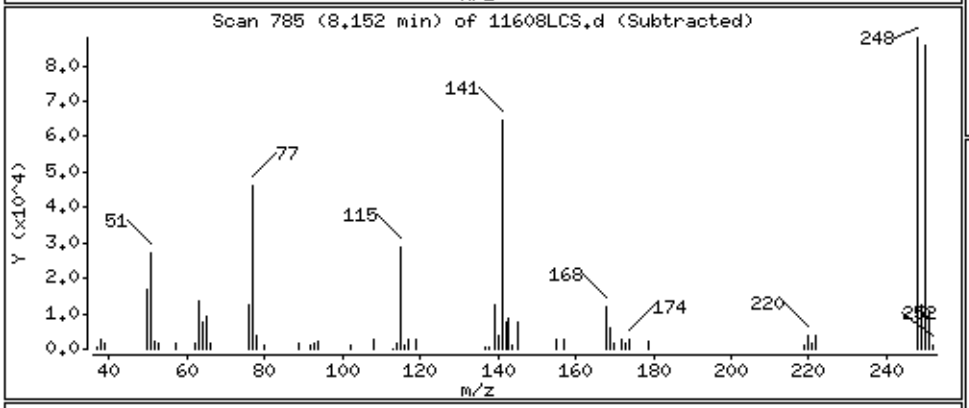
Column diameter: 0.25

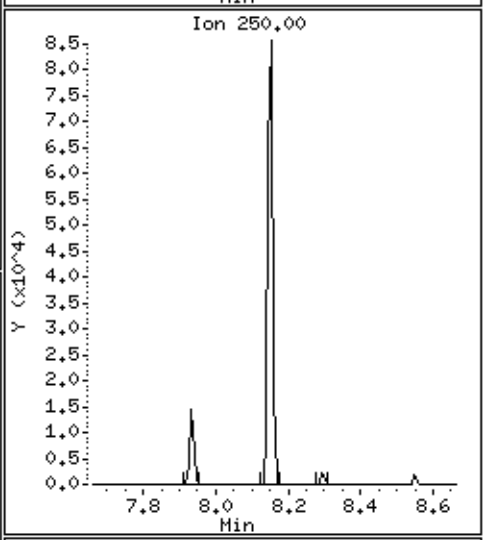
93 4-Bromophenylphenylether

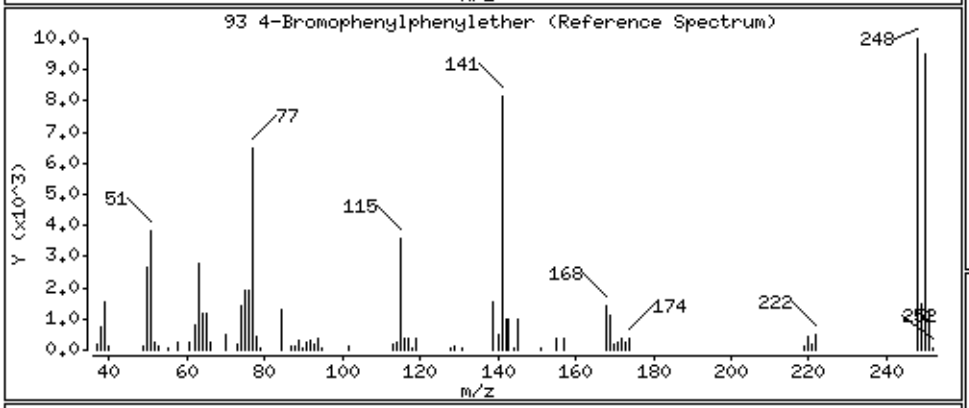
Concentration: 1930 ug/kg

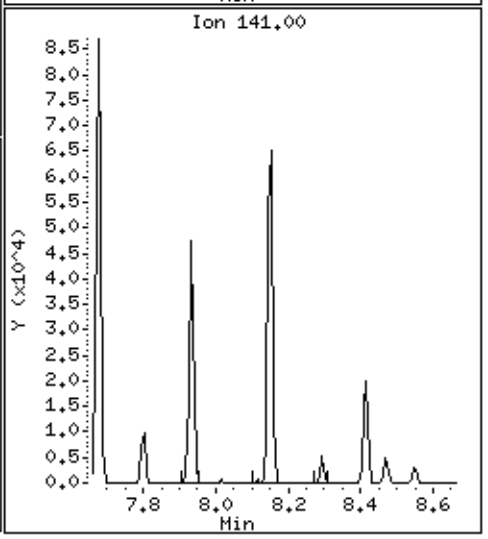


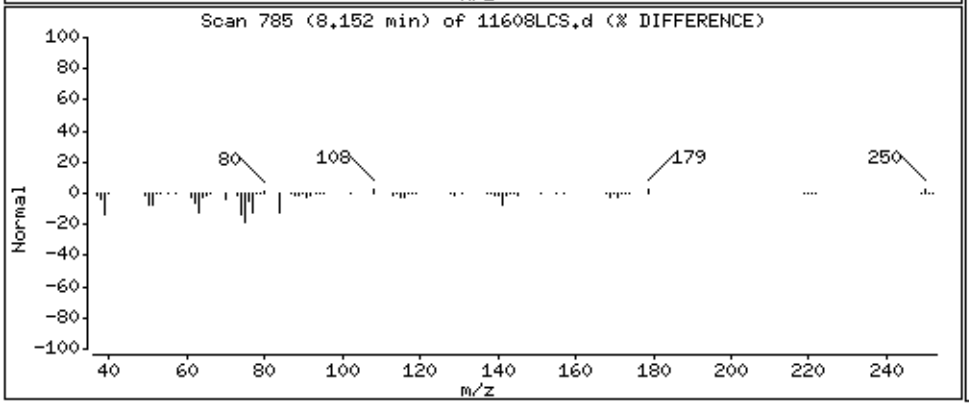












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

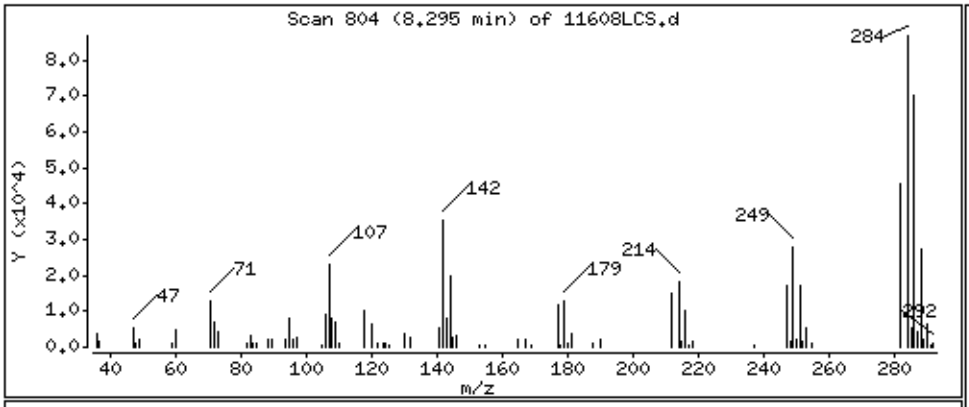
Operator: MJ

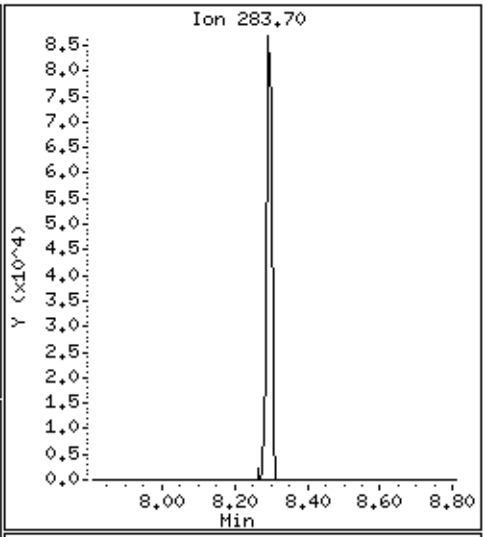
Column phase: HPMS-5

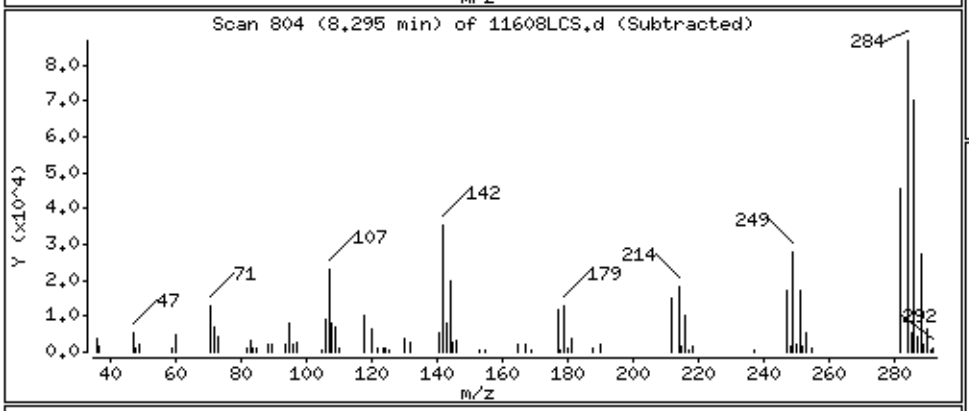
Column diameter: 0.25

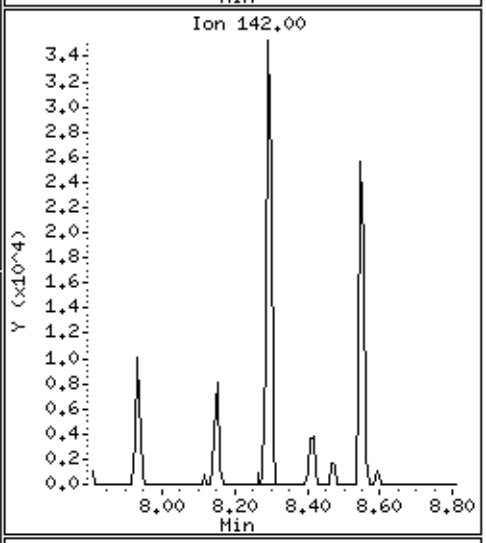
94 Hexachlorobenzene

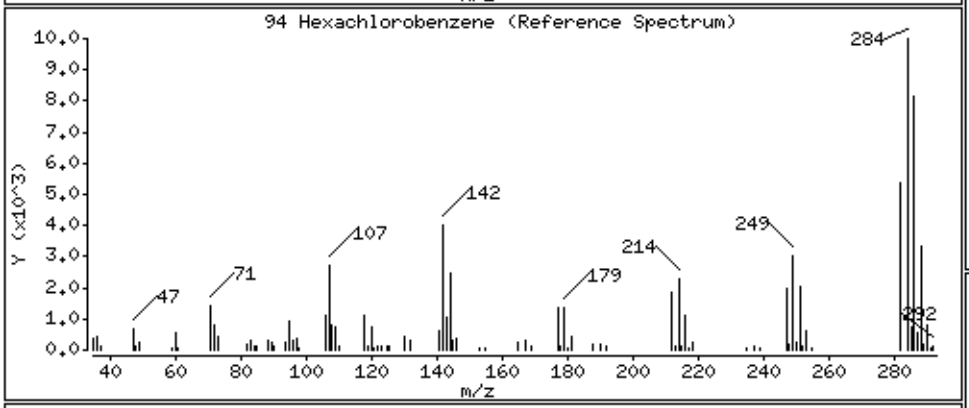
Concentration: 1820 ug/kg

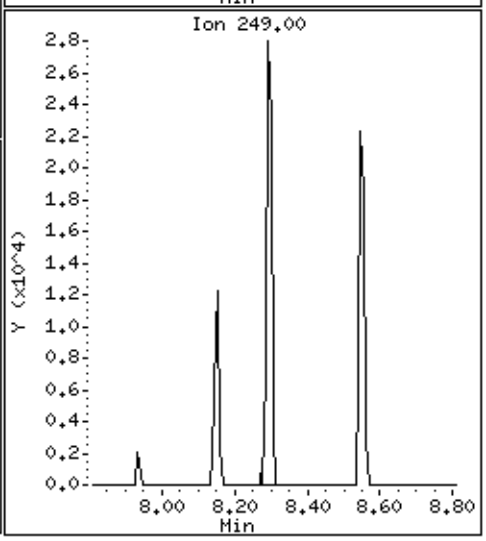


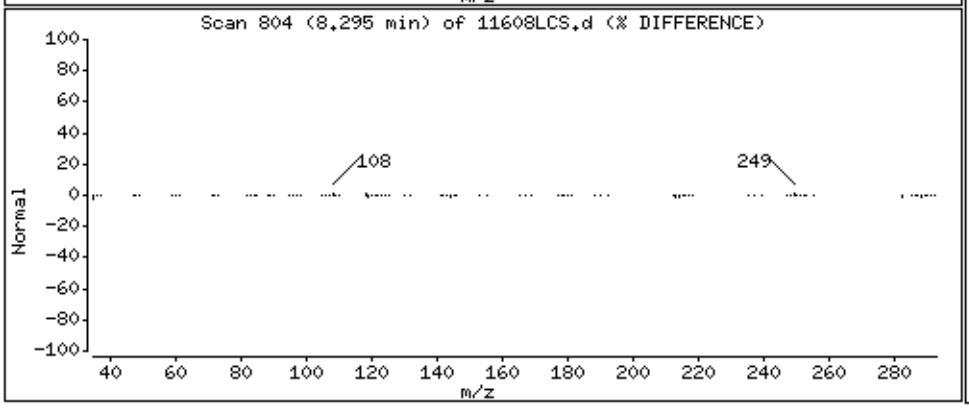












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

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Instrument: smsd04.i

Sample Info: SW154211LCS

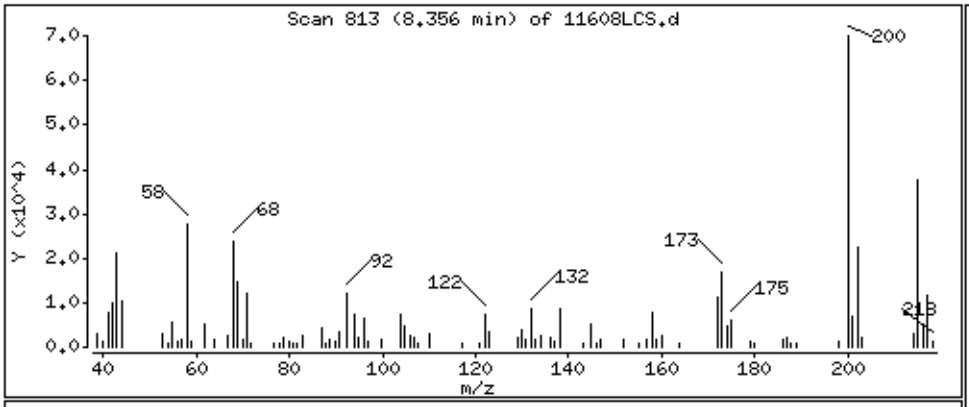
Operator: MJ

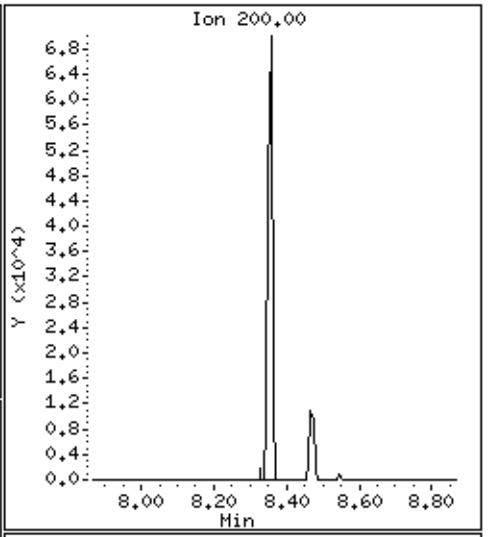
Column phase: HPMS-5

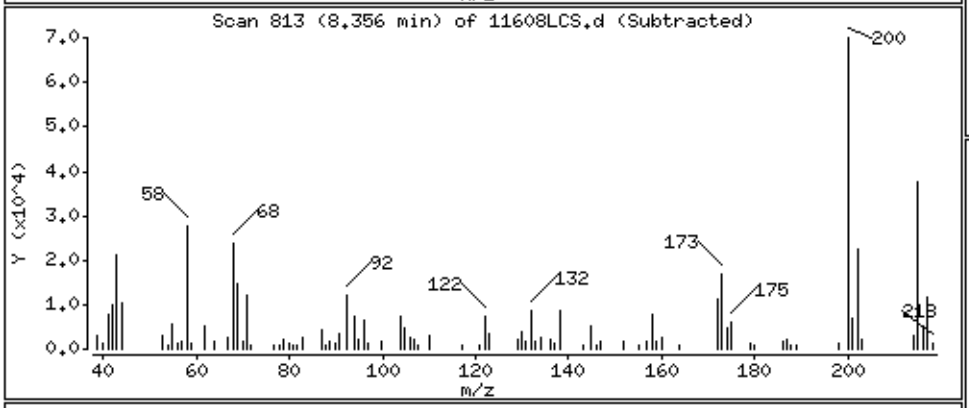
Column diameter: 0.25

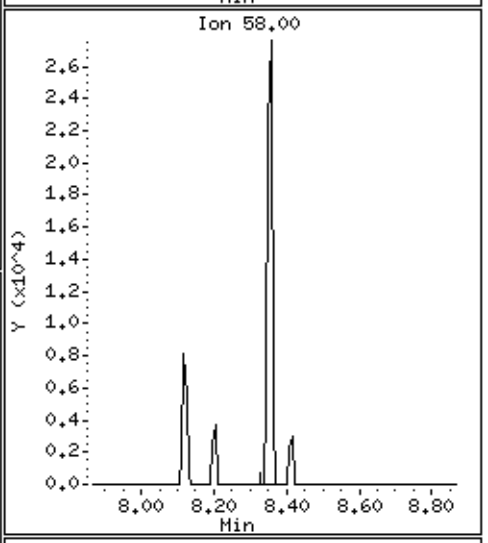
95 Atrazine

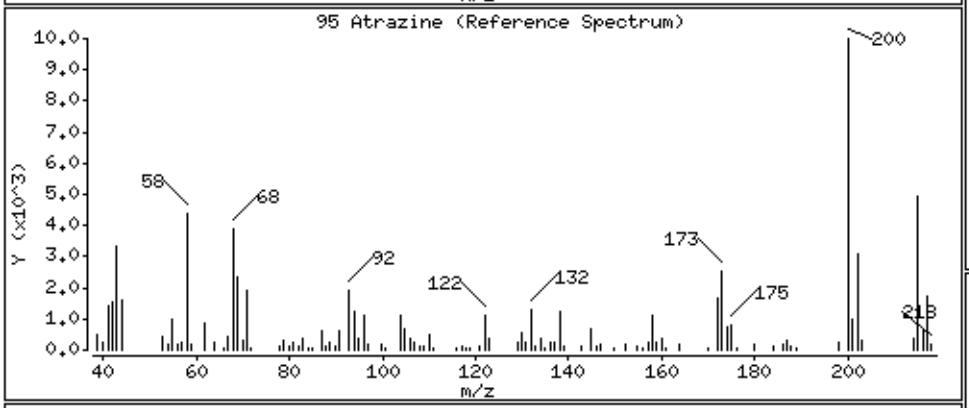
Concentration: 1660 ug/kg

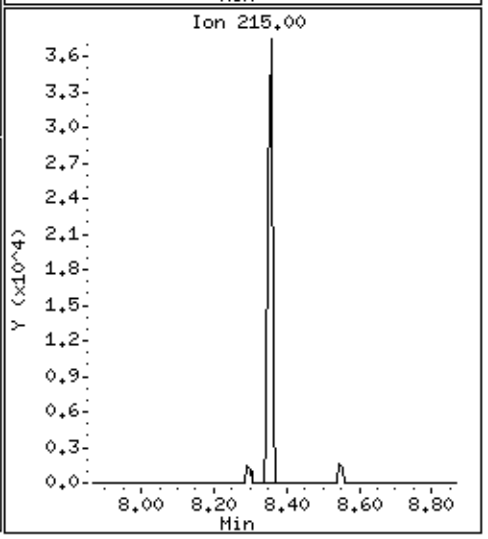


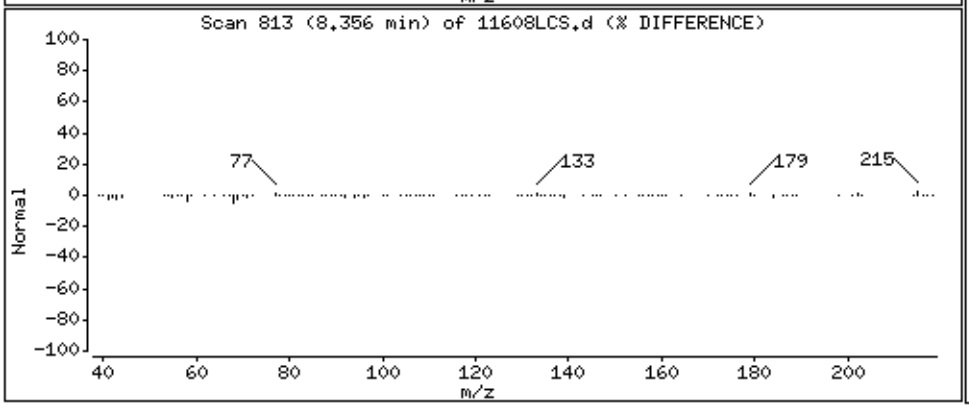












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

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Instrument: smsd04.i

Sample Info: SW154211LCS

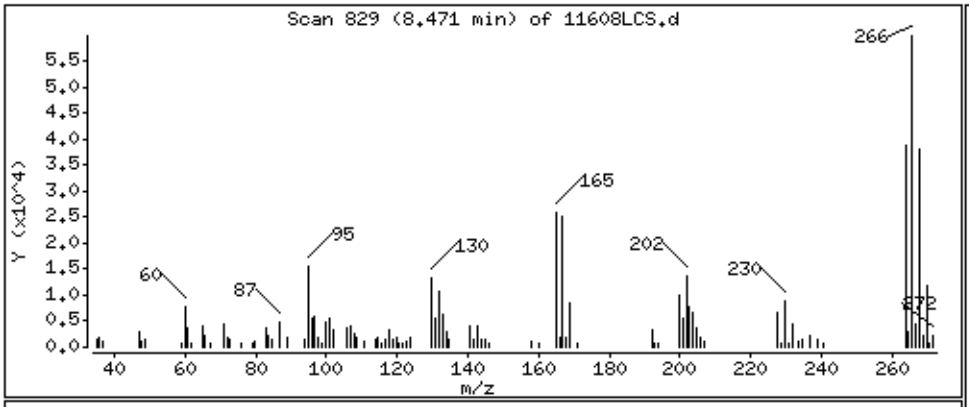
Operator: MJ

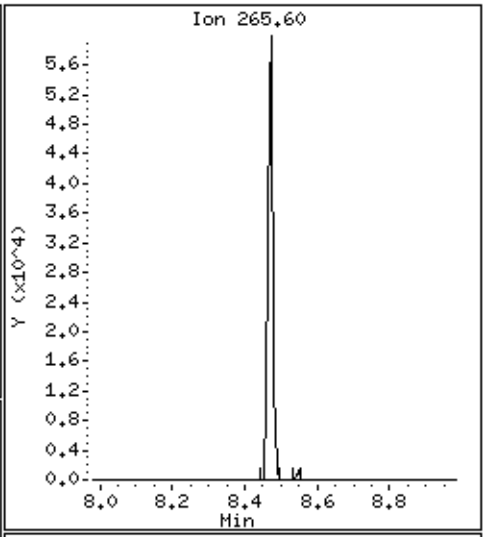
Column phase: HPMS-5

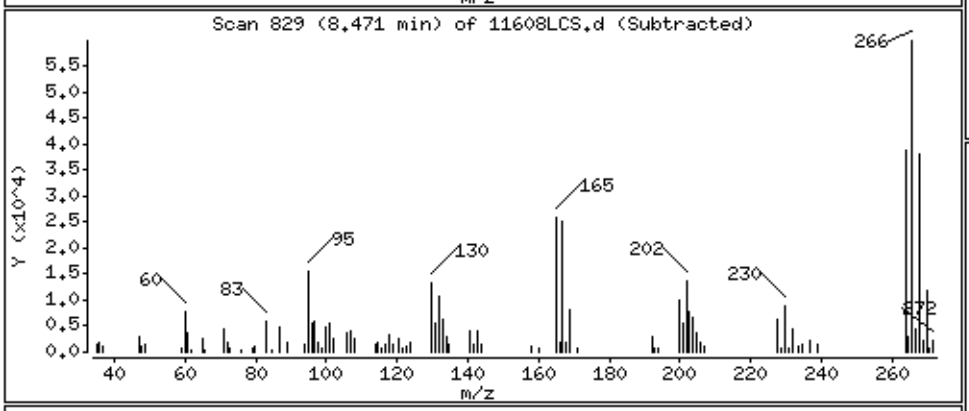
Column diameter: 0.25

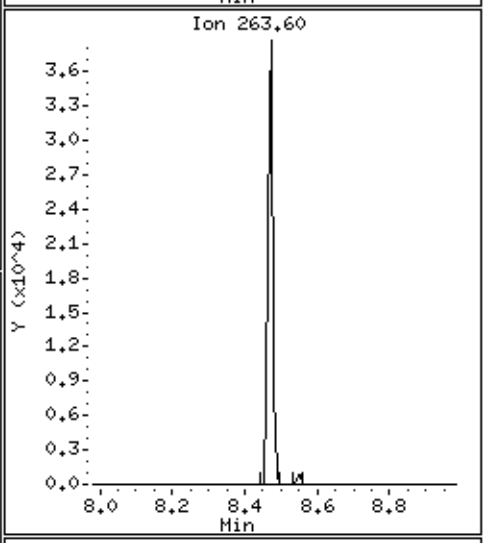
96 Pentachlorophenol

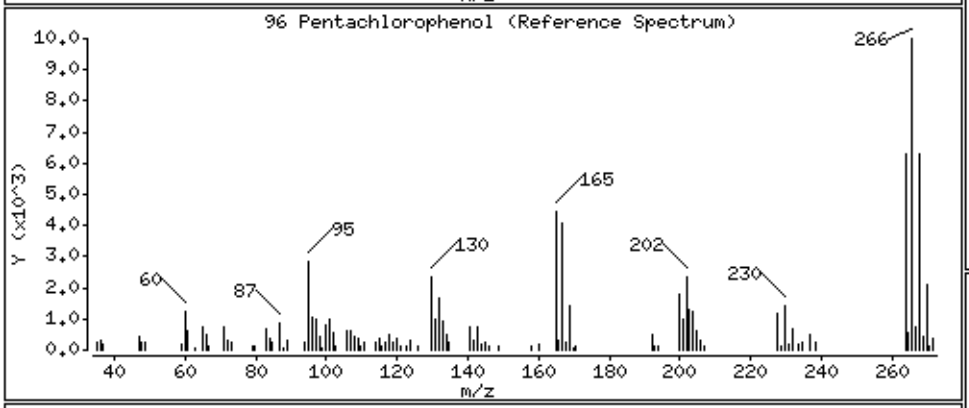
Concentration: 2020 ug/kg

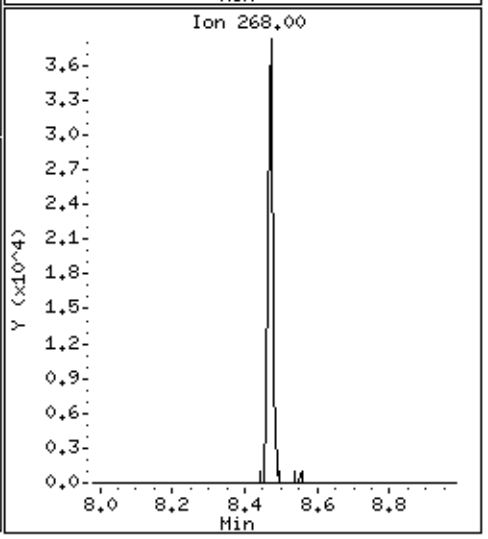


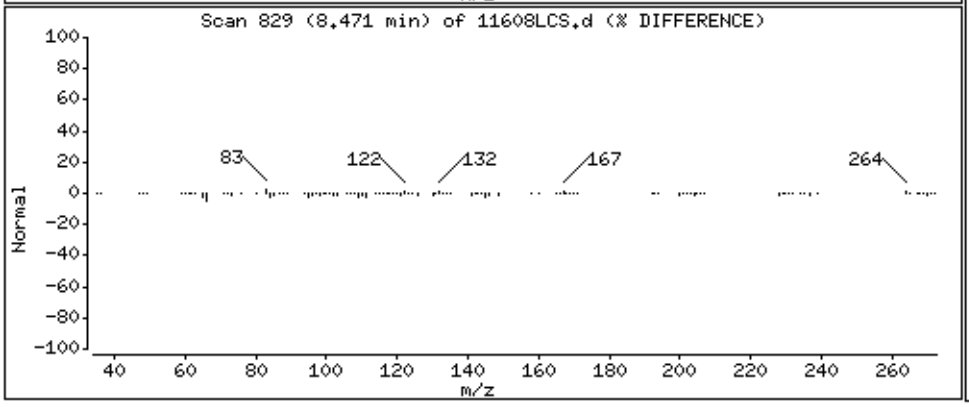












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Sample Info: SW154211LCS

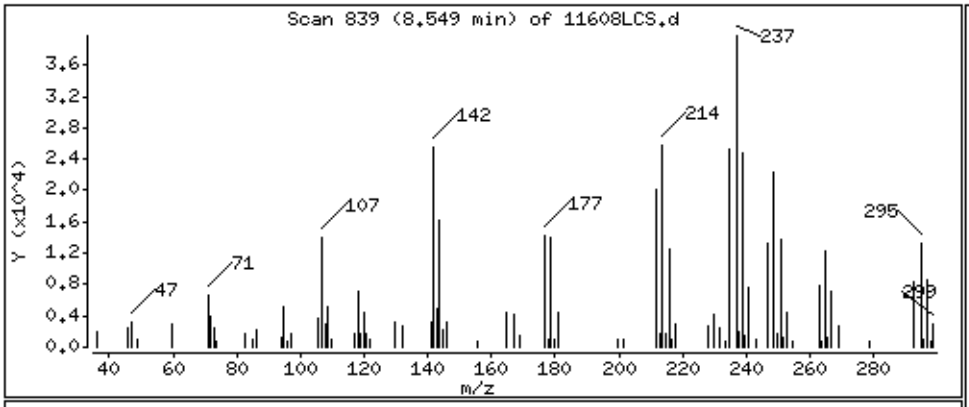
Operator: MJ

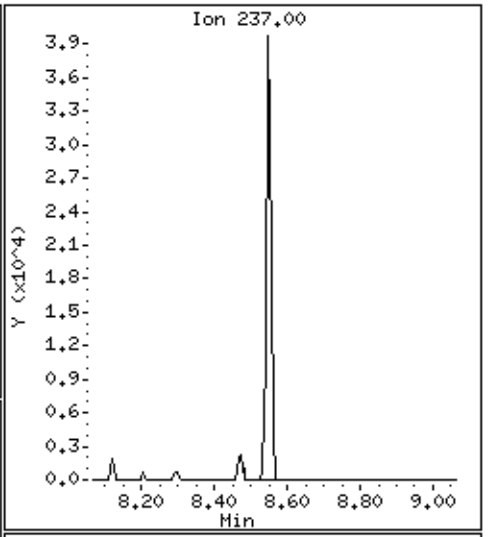
Column phase: HPMS-5

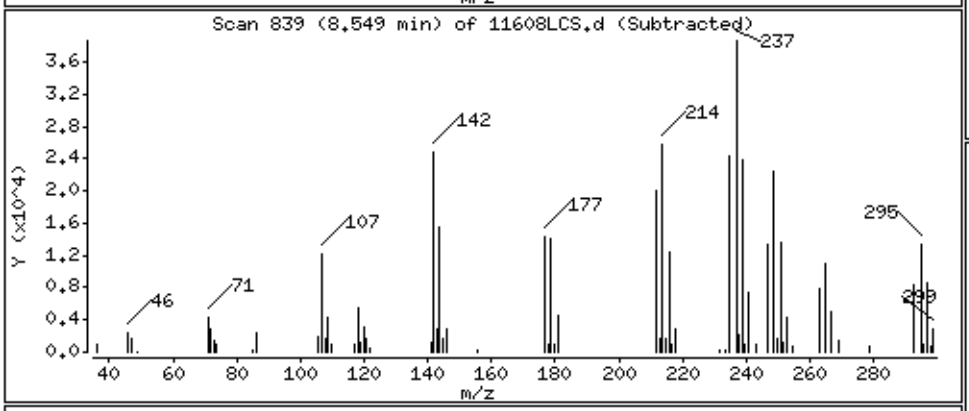
Column diameter: 0.25

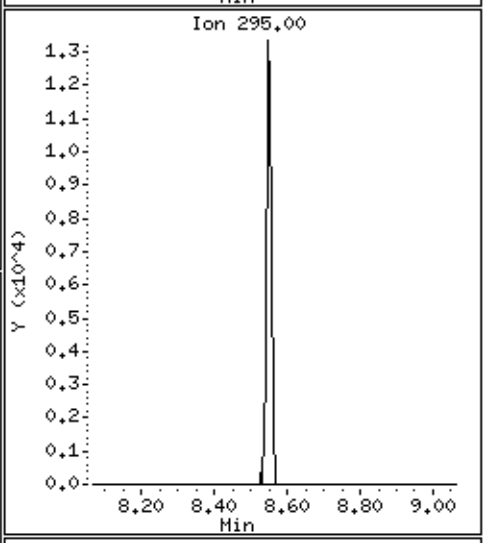
97 Pentachloronitrobenzene

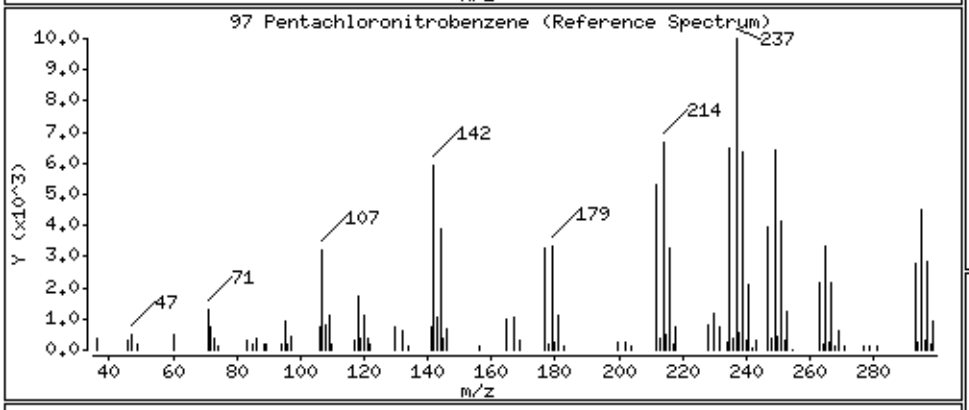
Concentration: 1800 ug/kg

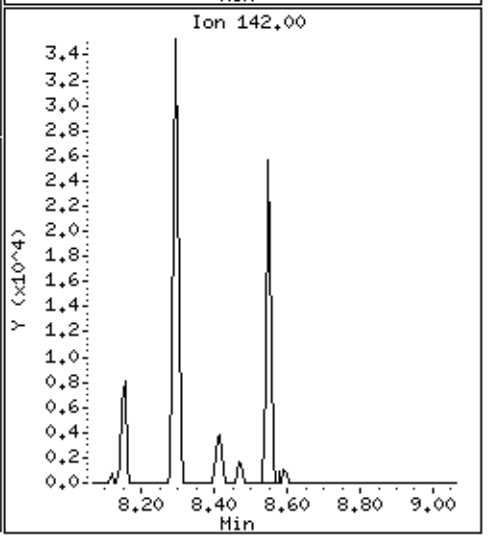


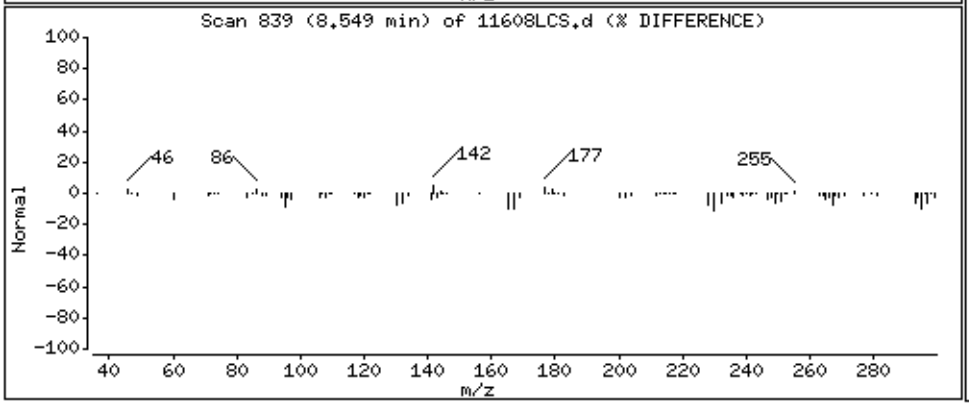












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

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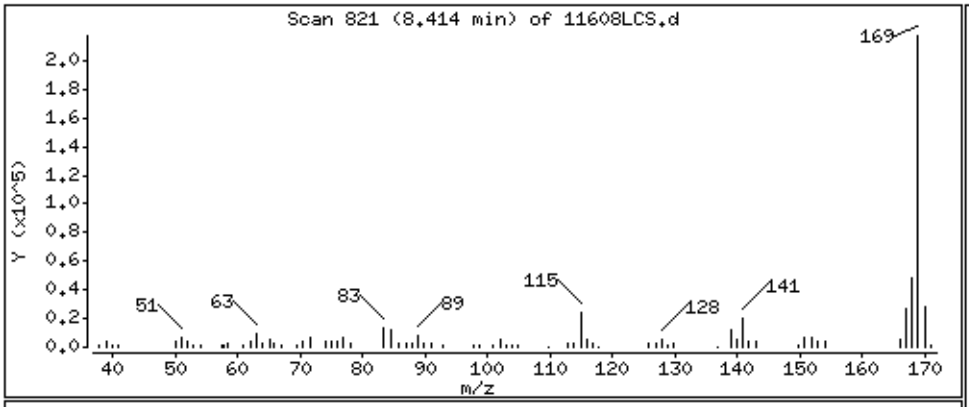
Operator: MJ

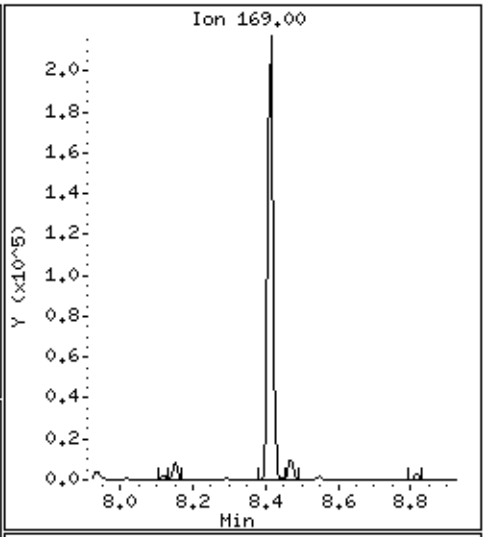
Column phase: HPMS-5

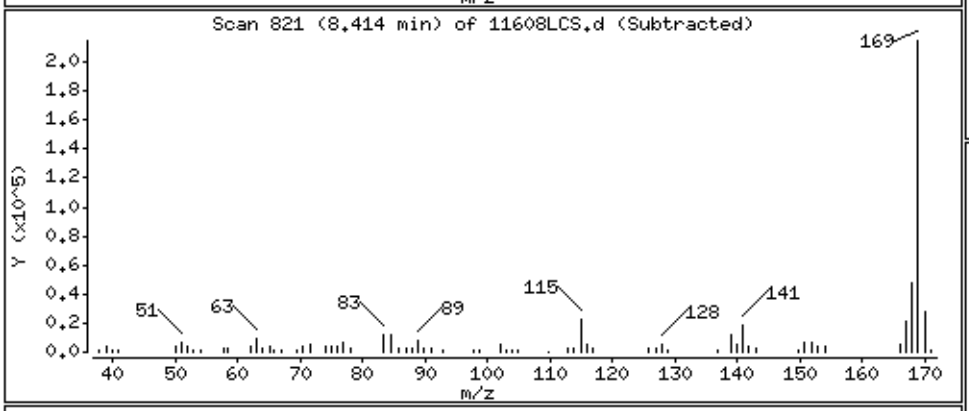
Column diameter: 0.25

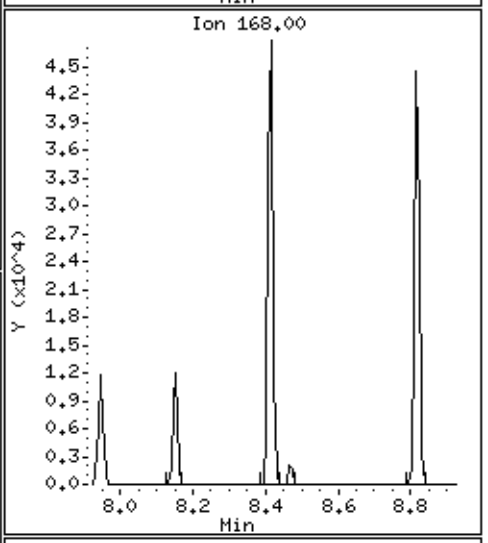
98 4-Aminobiphenyl

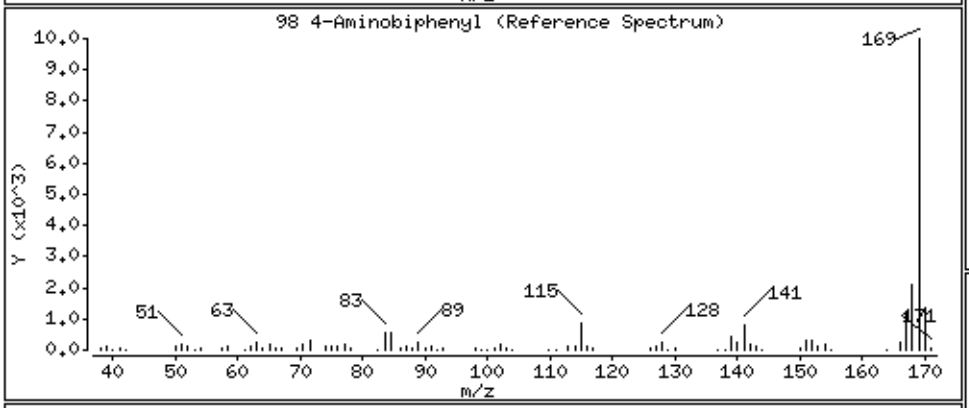
Concentration: 1570 ug/kg

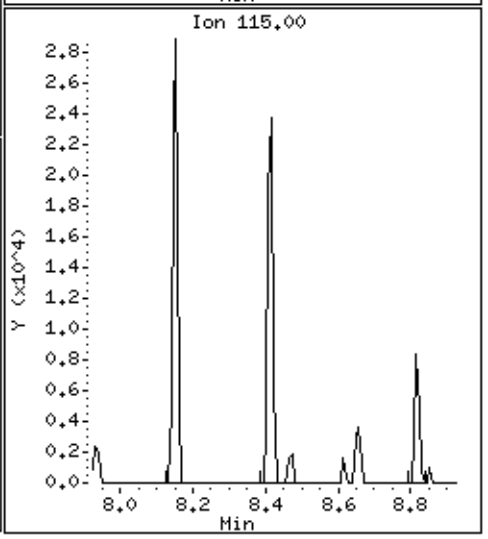


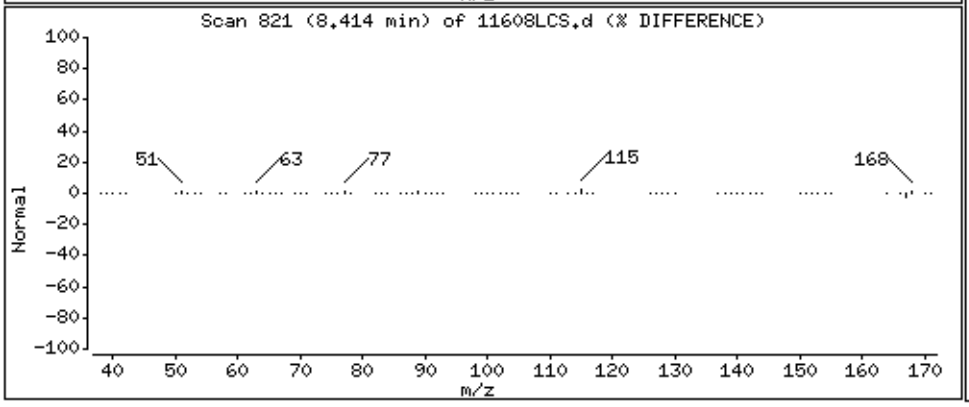












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Sample Info: SW154211LCS

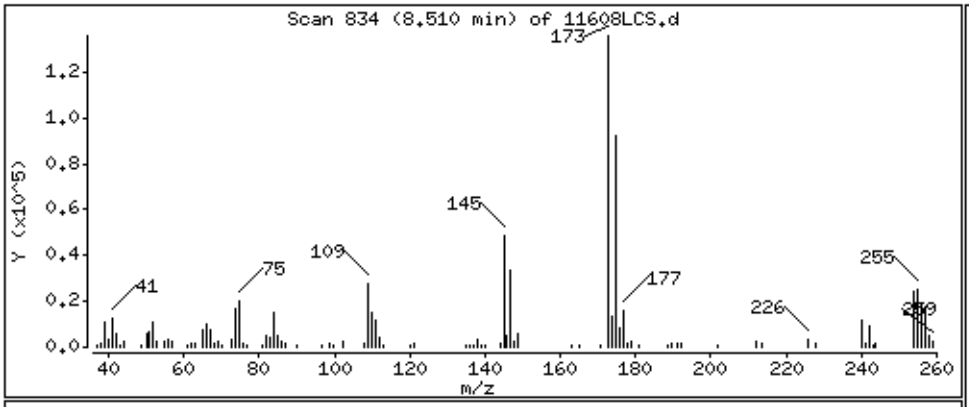
Operator: MJ

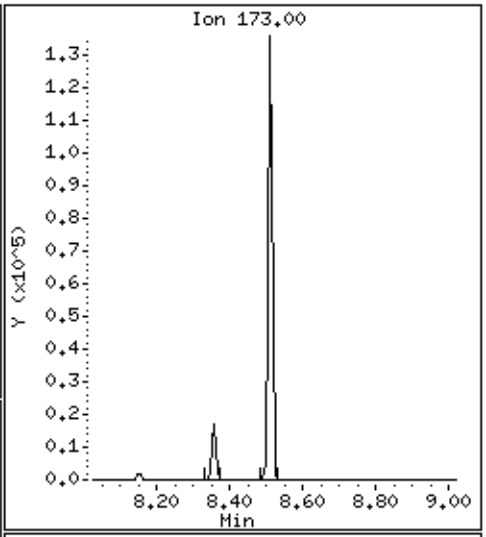
Column phase: HPMS-5

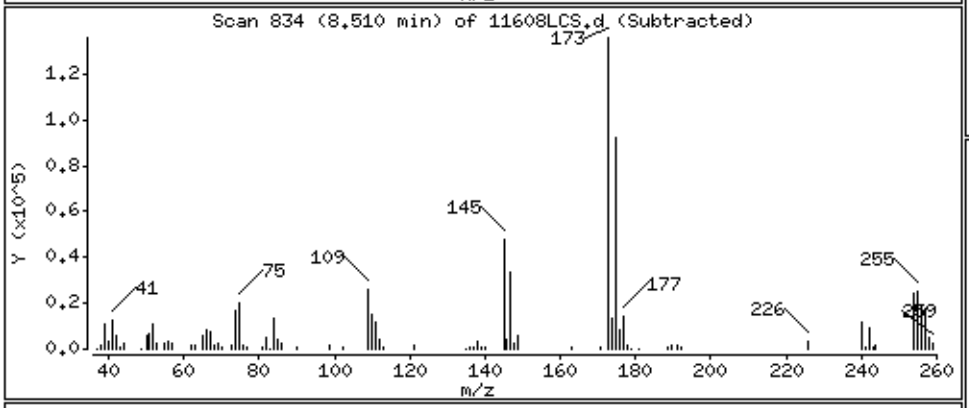
Column diameter: 0.25

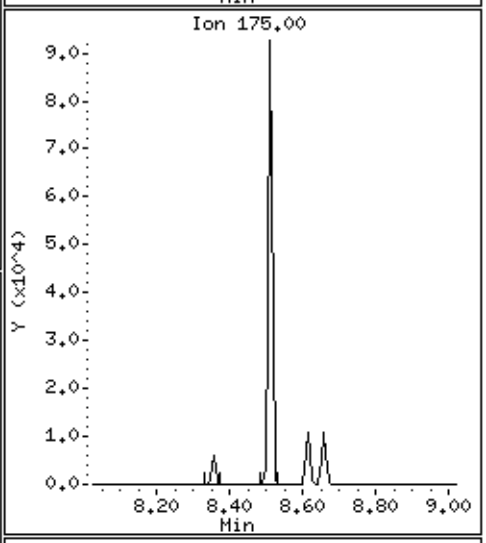
99 Pronamide

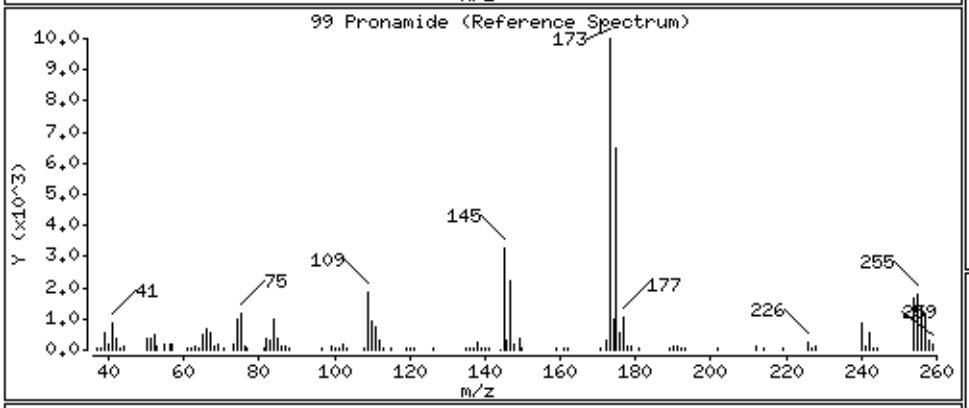
Concentration: 1720 ug/kg

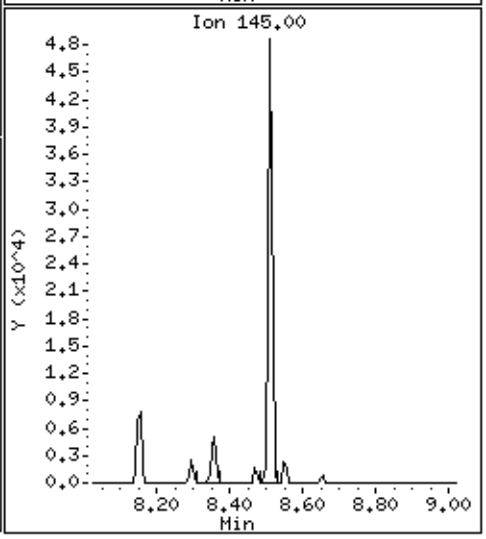


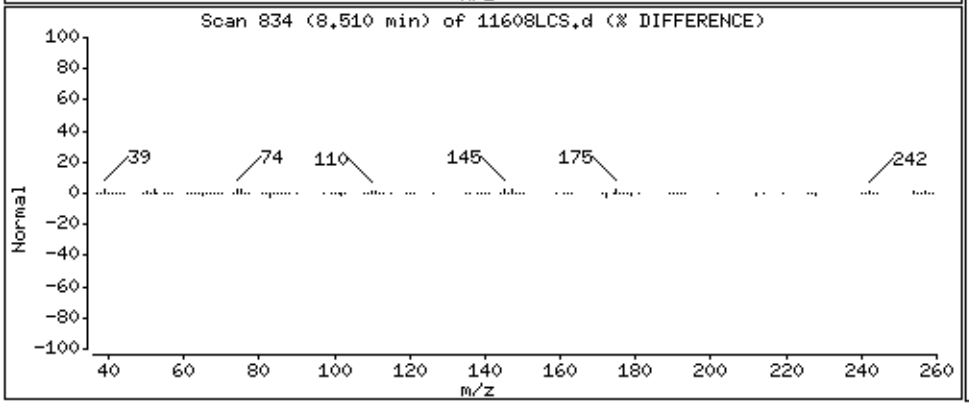












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

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Sample Info: SW154211LCS

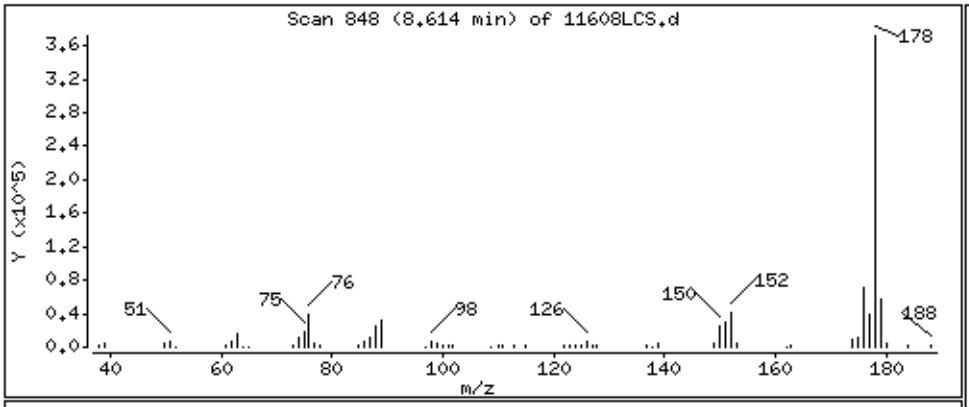
Operator: MJ

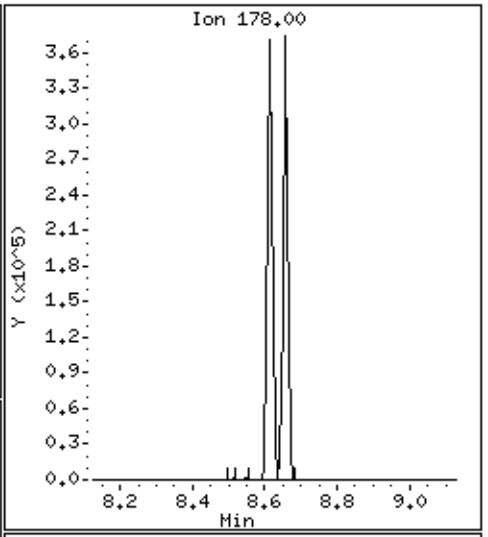
Column phase: HPMS-5

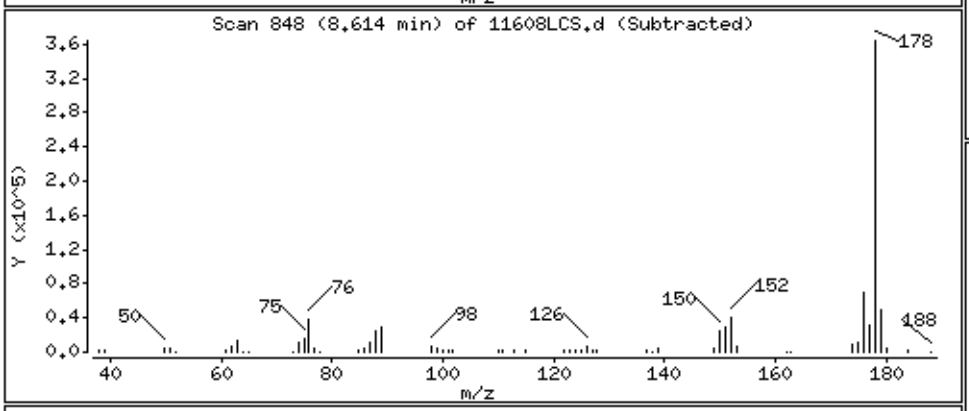
Column diameter: 0.25

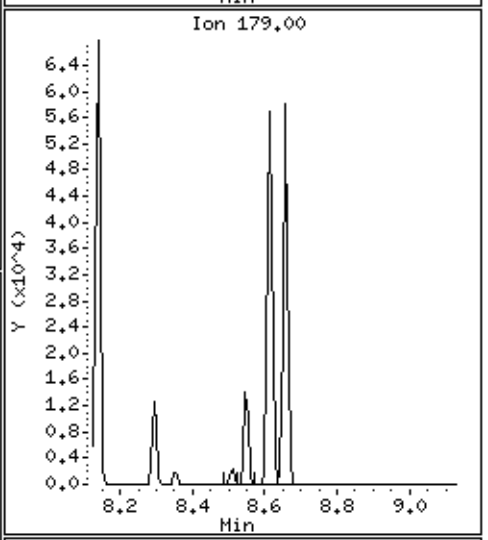
101 Phenanthrene

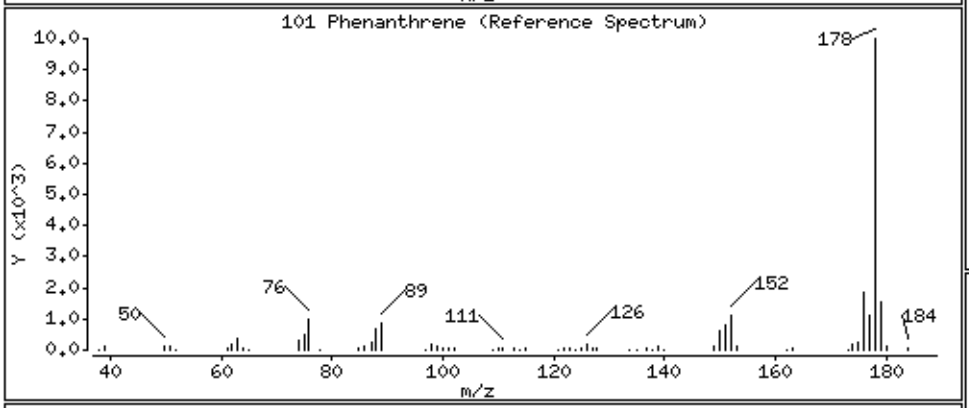
Concentration: 1870 ug/kg

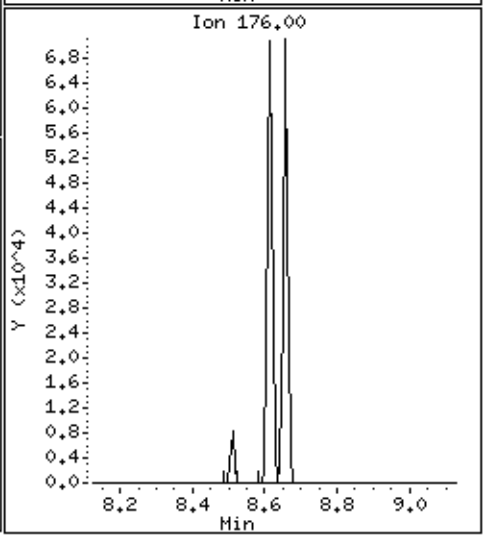


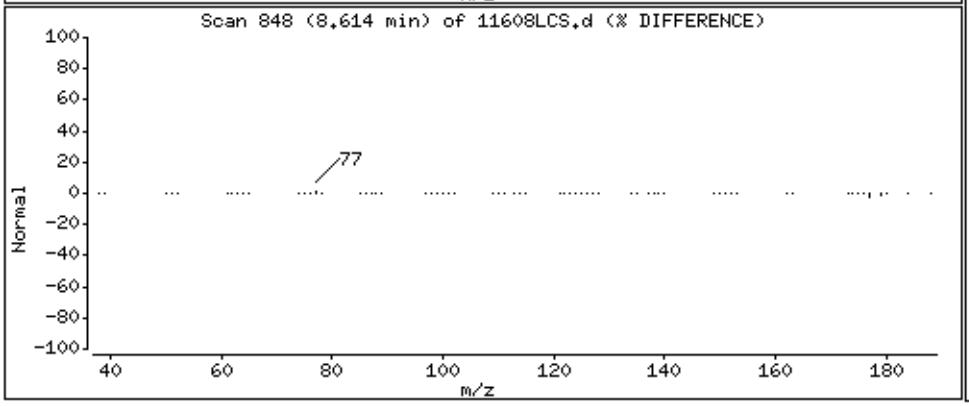












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Instrument: smsd04.i

Sample Info: SW154211LCS

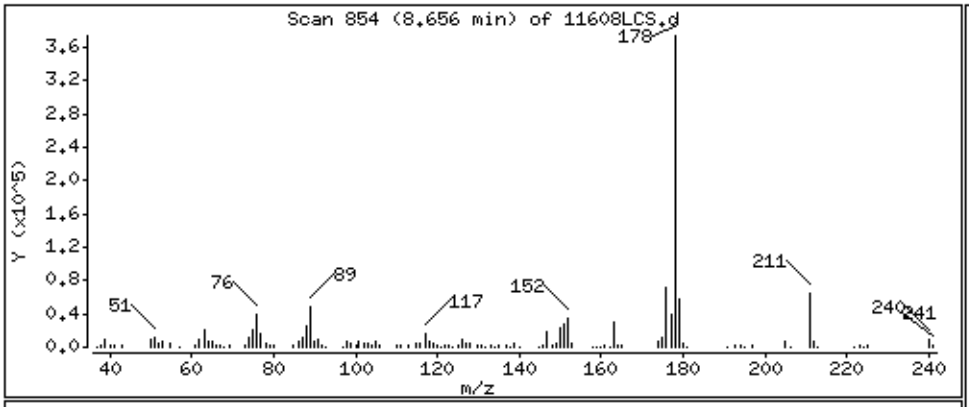
Operator: MJ

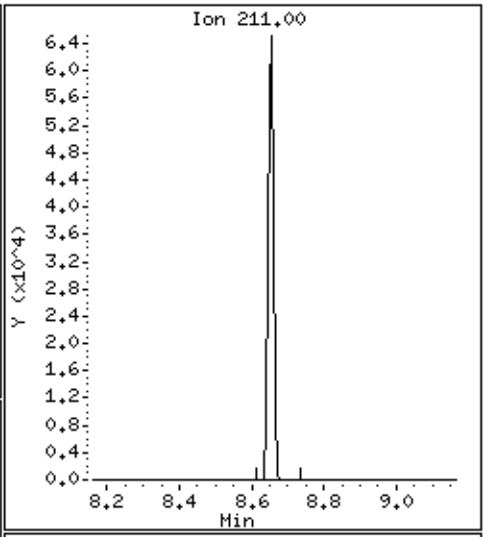
Column phase: HPMS-5

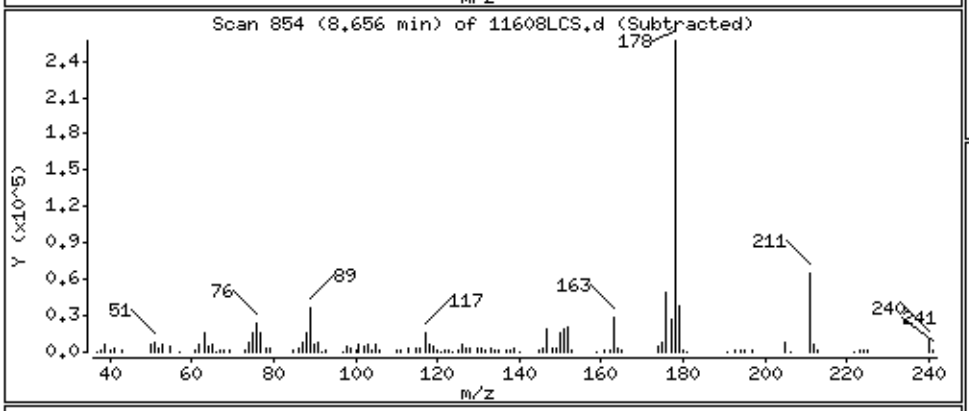
Column diameter: 0.25

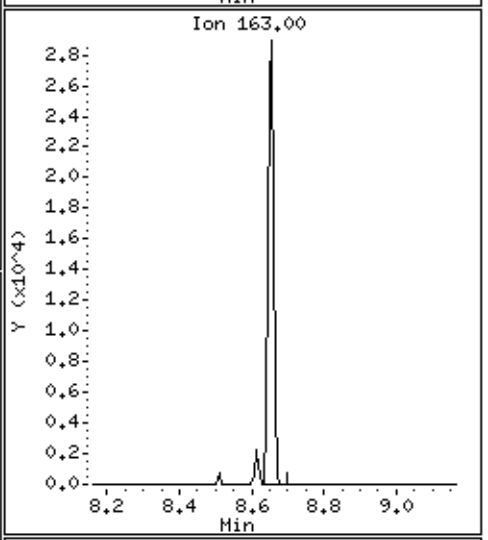
102 Dinoseb

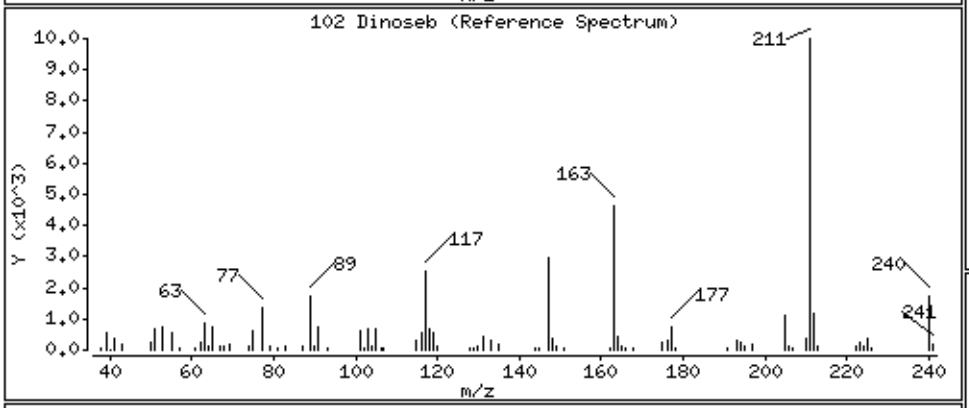
Concentration: 1780 ug/kg

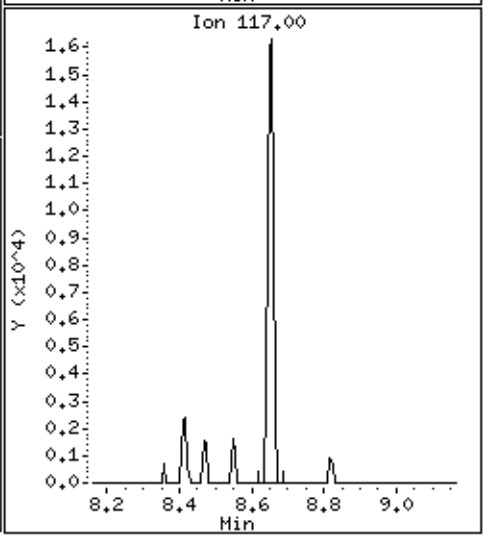


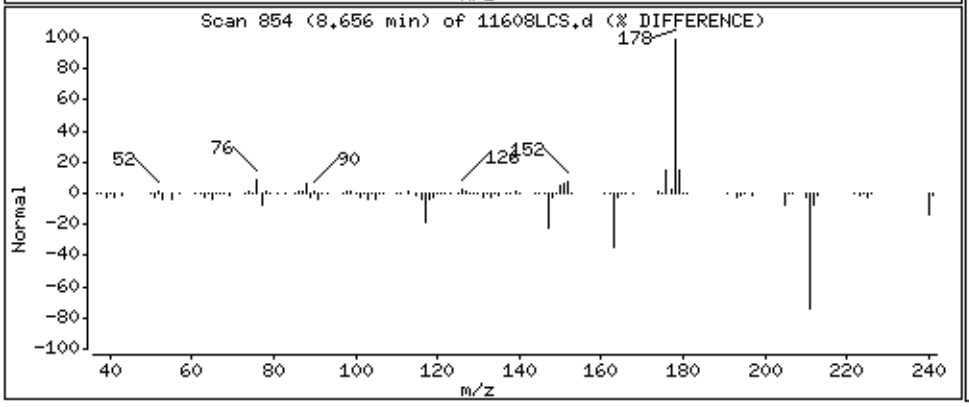












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

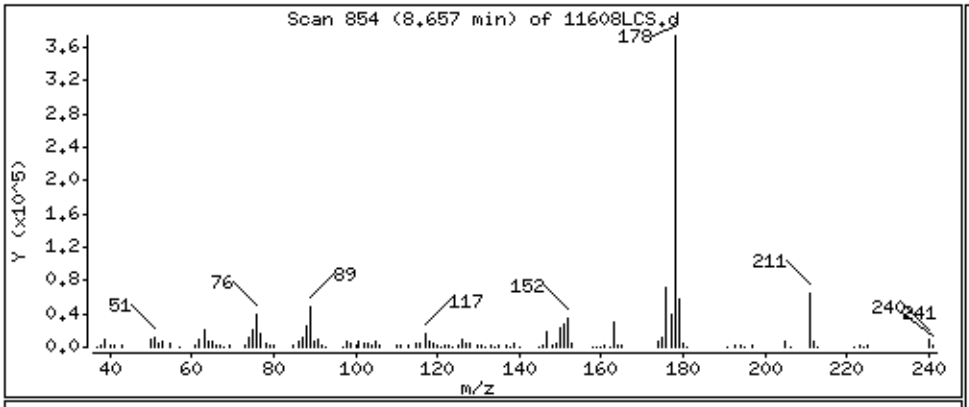
Operator: MJ

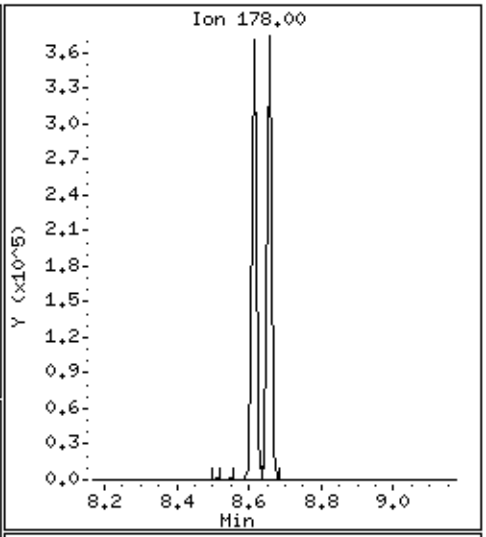
Column phase: HPMS-5

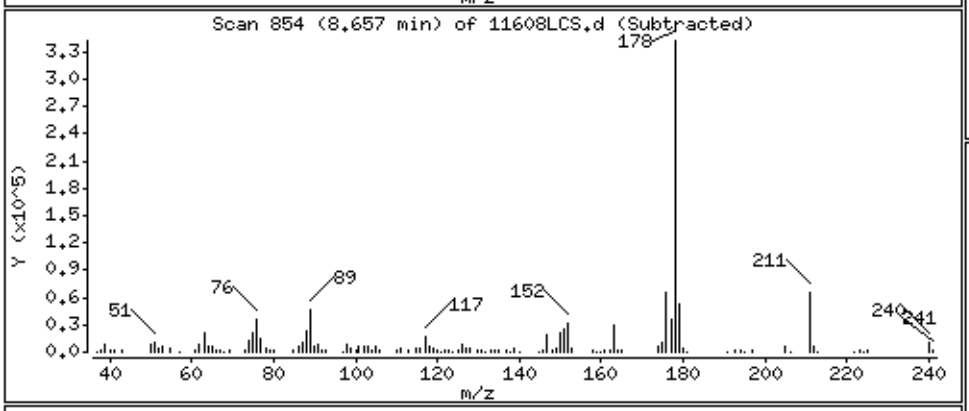
Column diameter: 0.25

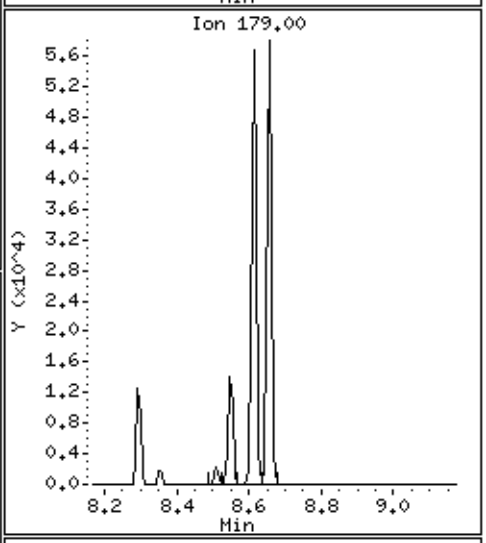
103 Anthracene

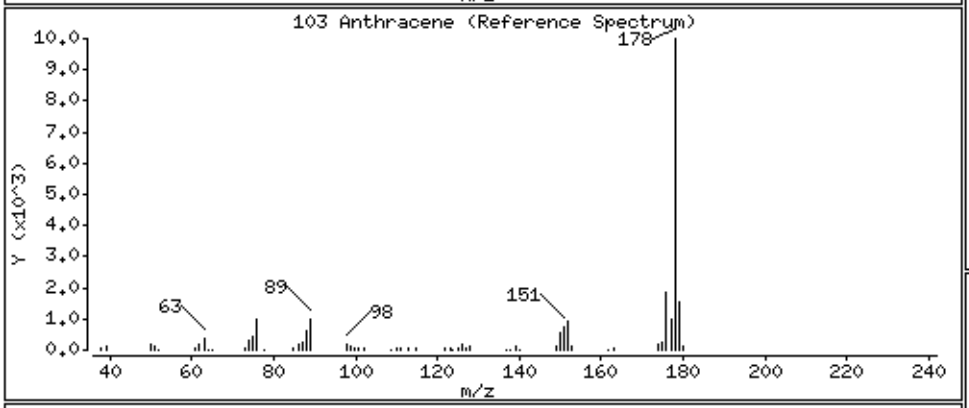
Concentration: 2140 ug/kg

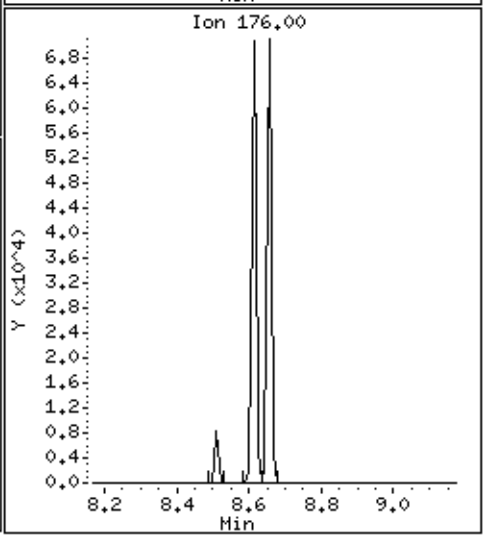


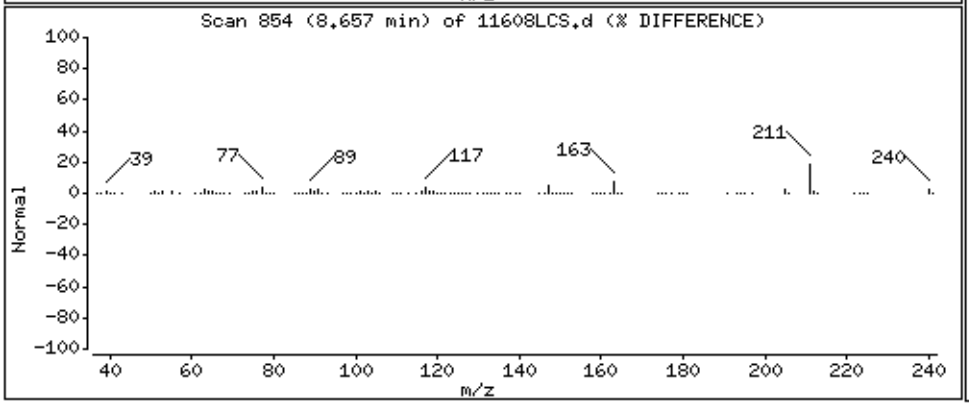












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

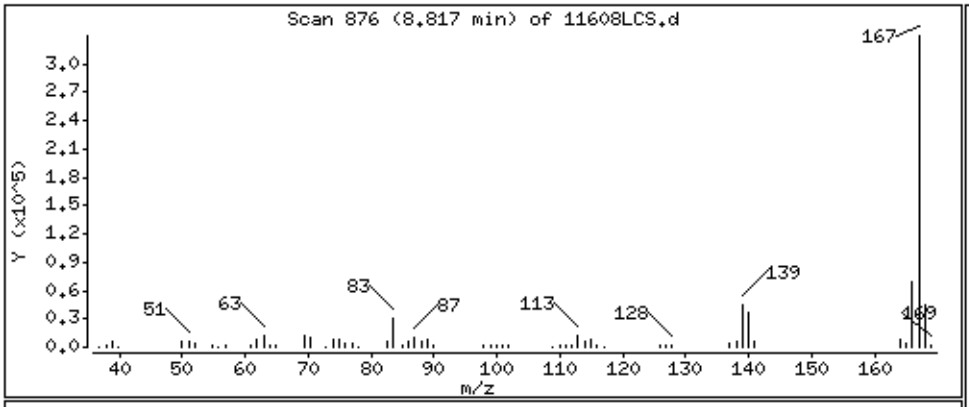
Operator: MJ

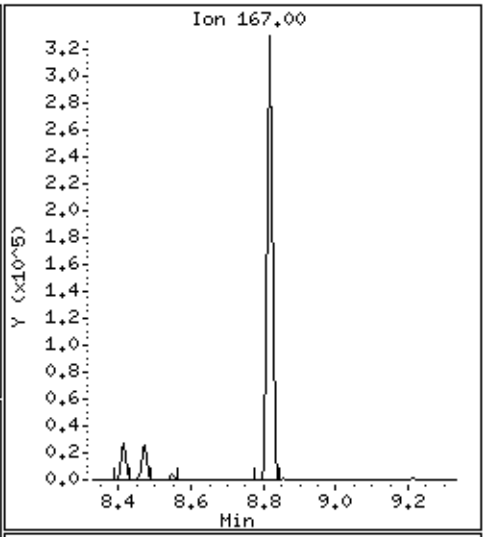
Column phase: HPMS-5

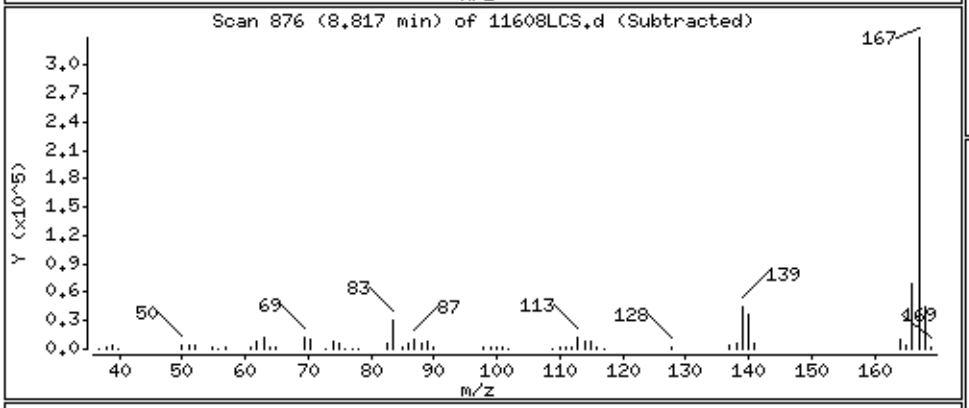
Column diameter: 0.25

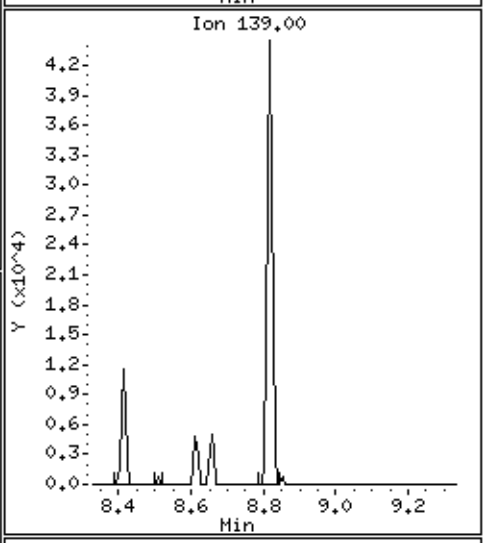
104 Carbazole

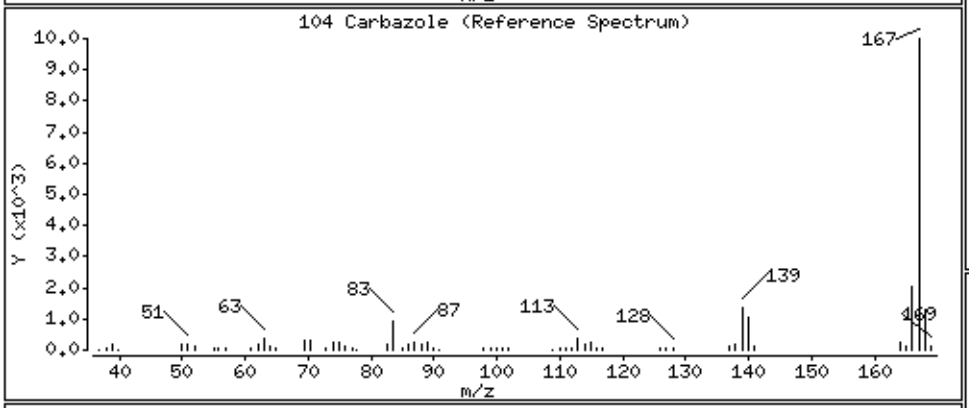
Concentration: 1920 ug/kg

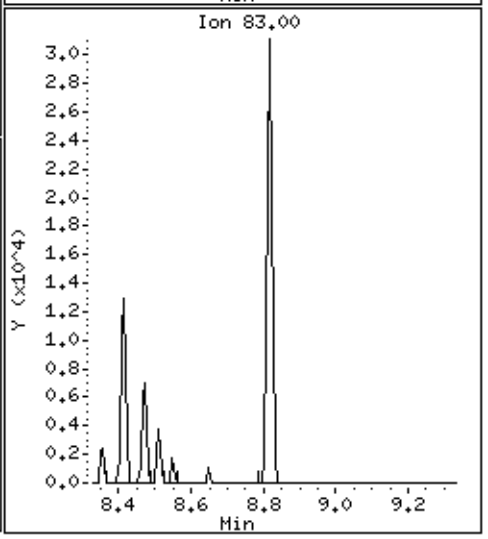


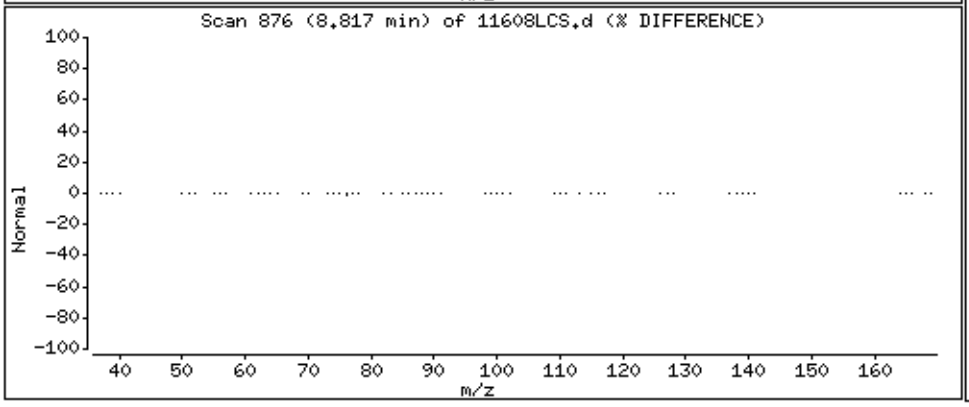












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

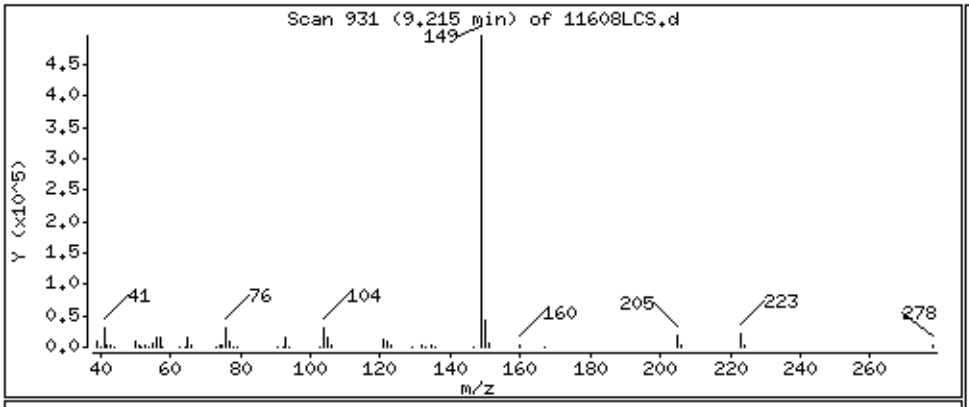
Operator: MJ

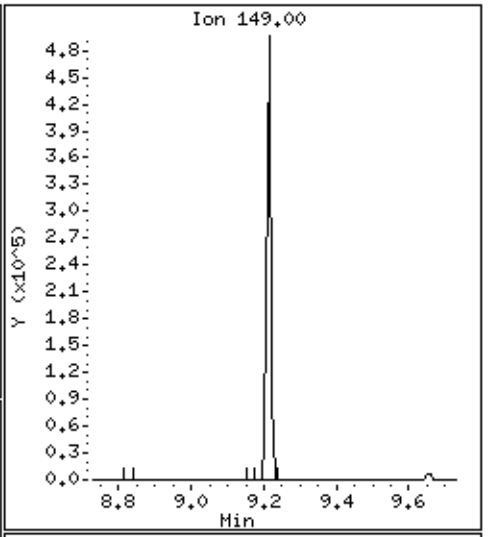
Column phase: HPMS-5

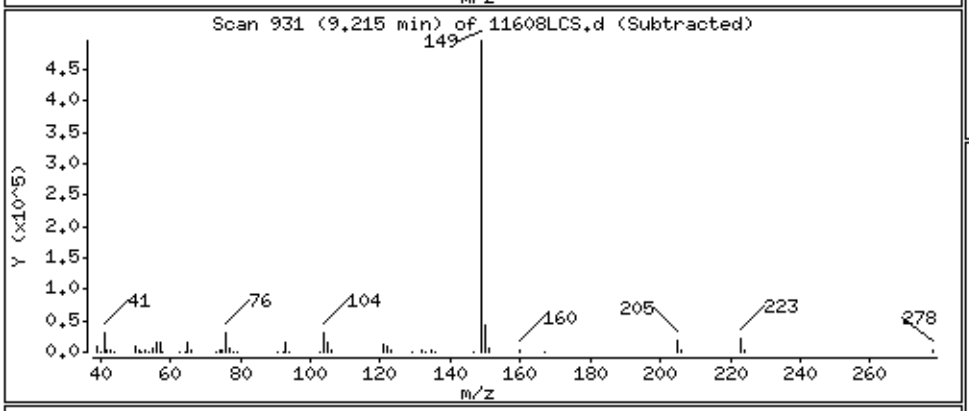
Column diameter: 0.25

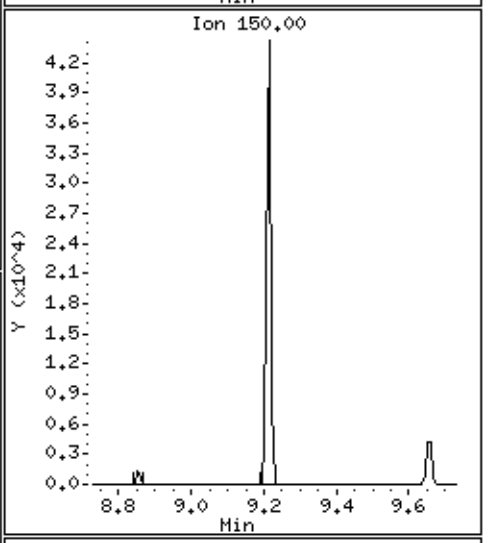
105 Di-n-butylphthalate

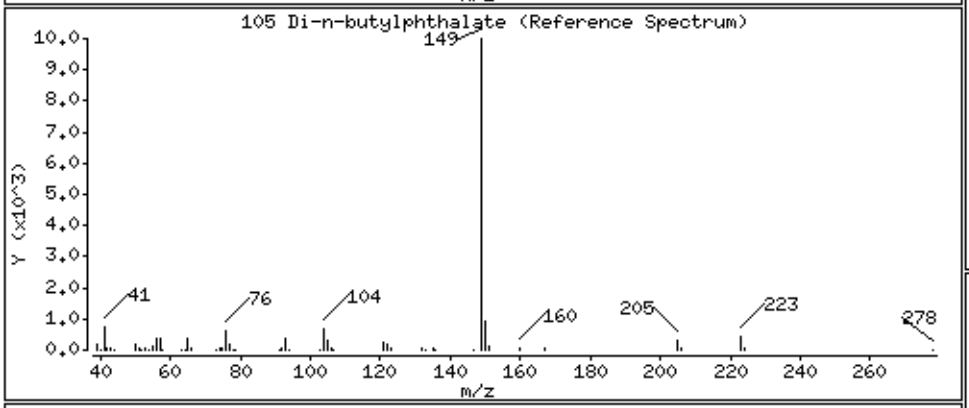
Concentration: 1980 ug/kg

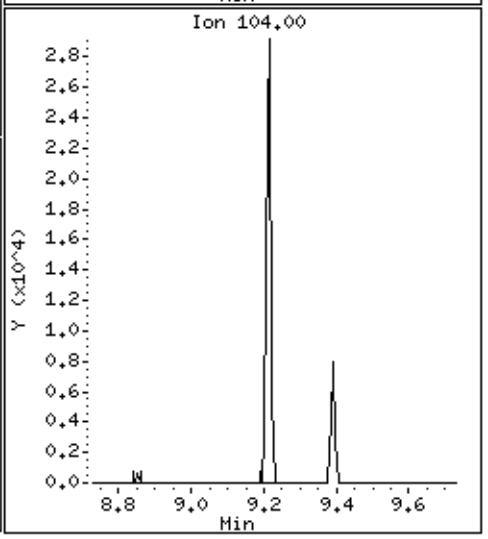


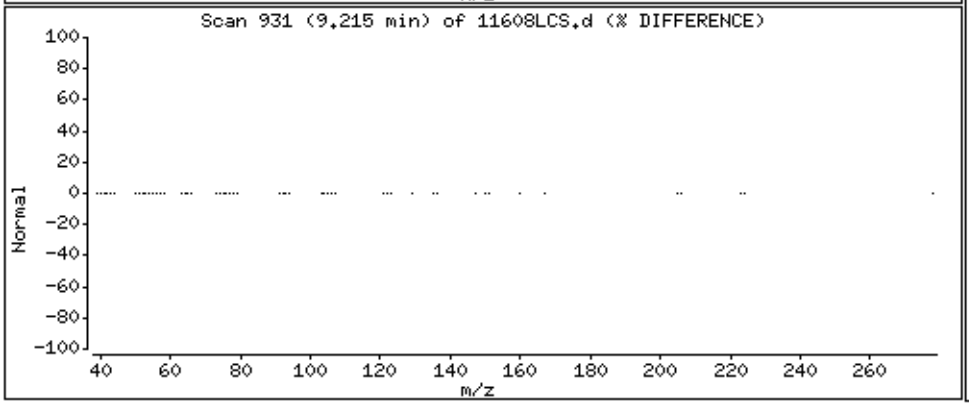












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

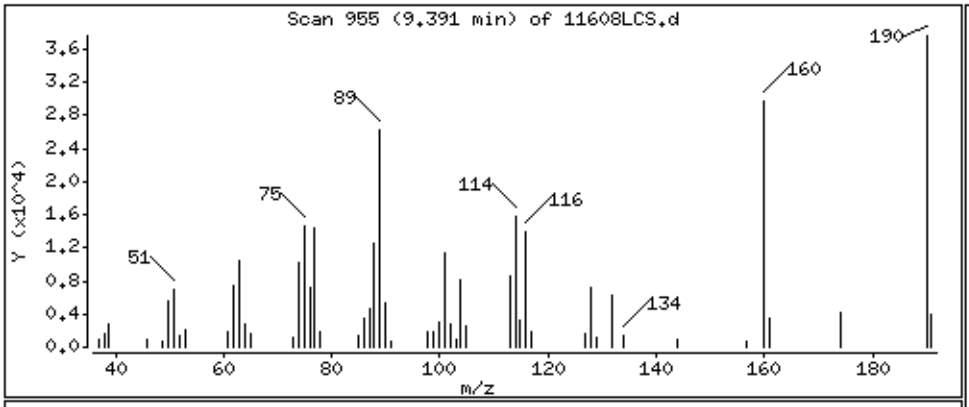
Operator: MJ

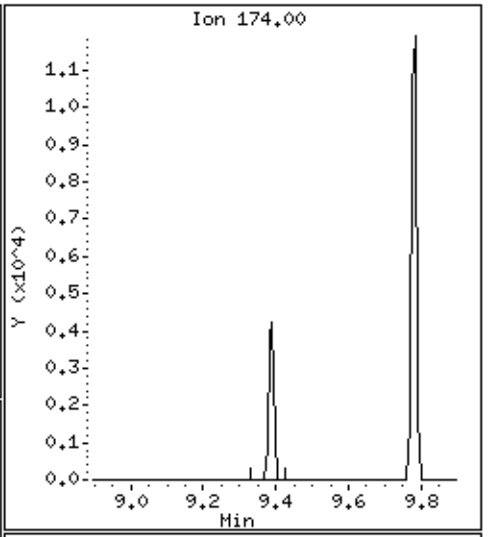
Column phase: HPMS-5

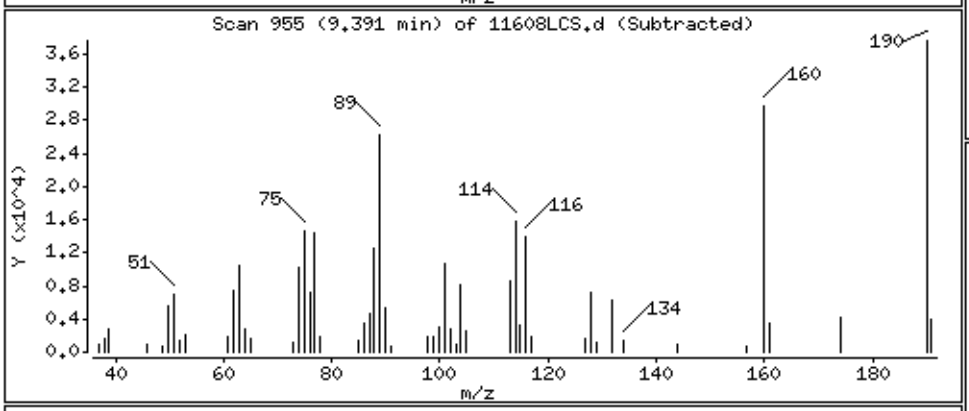
Column diameter: 0.25

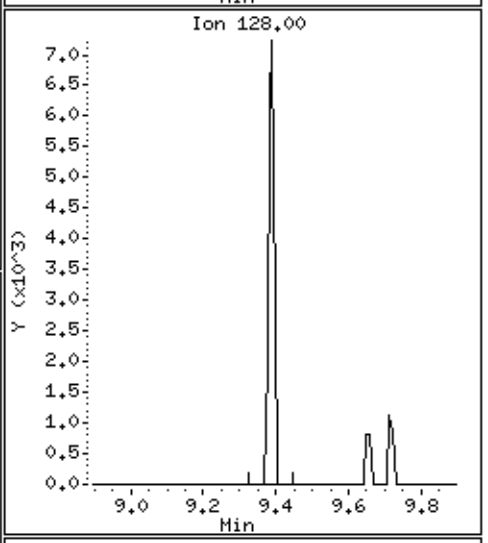
106 4-Nitroquinoline-1-oxide

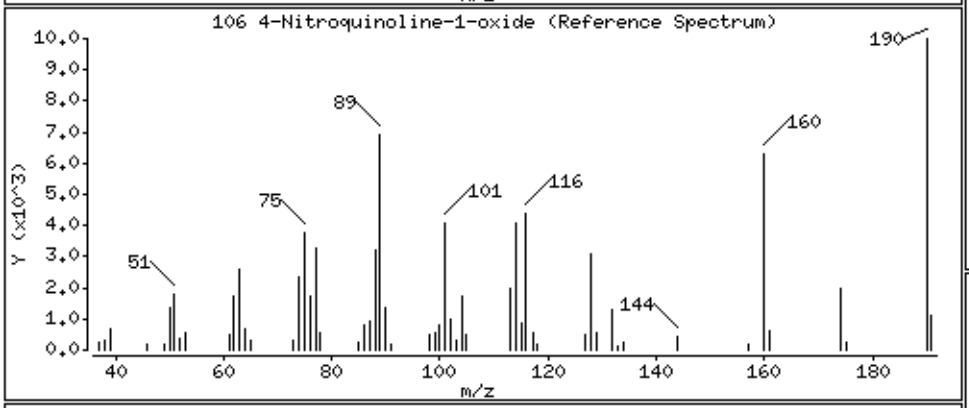
Concentration: 1900 ug/kg

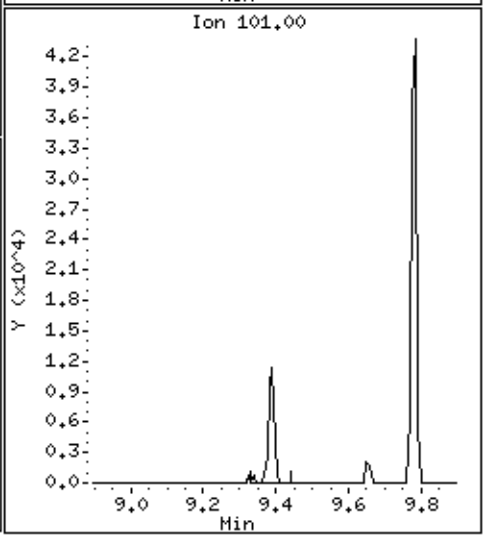


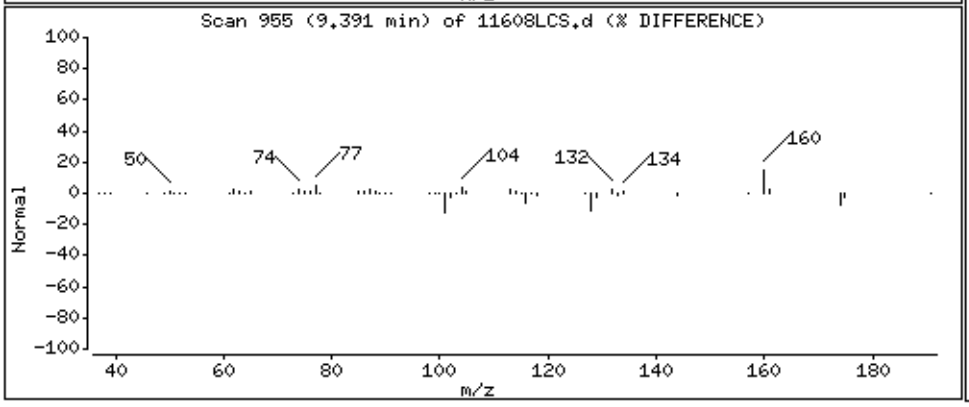












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

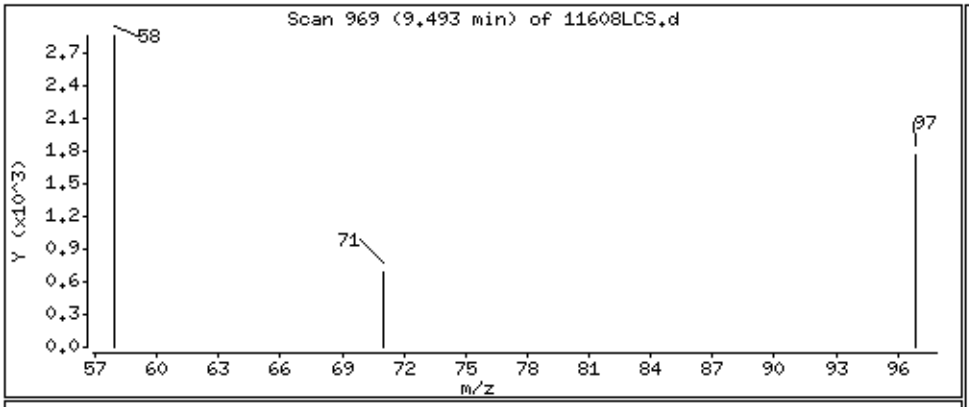
Operator: MJ

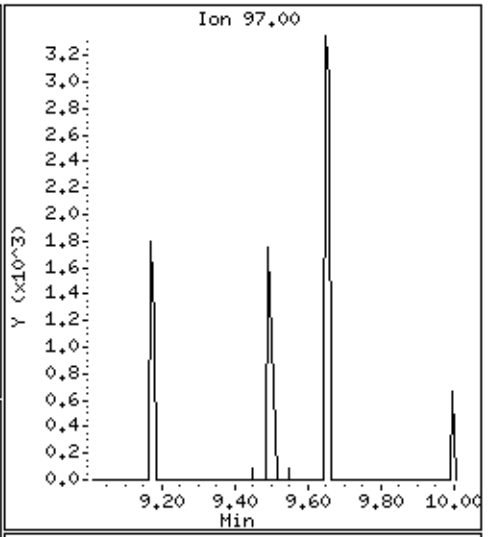
Column phase: HPMS-5

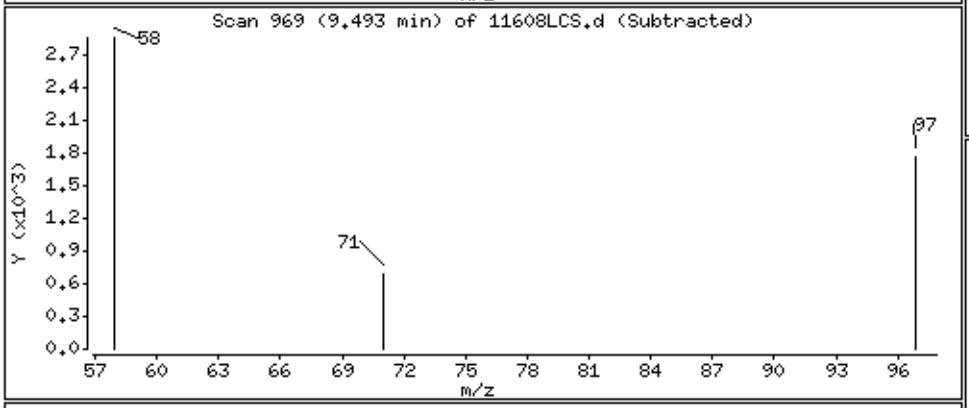
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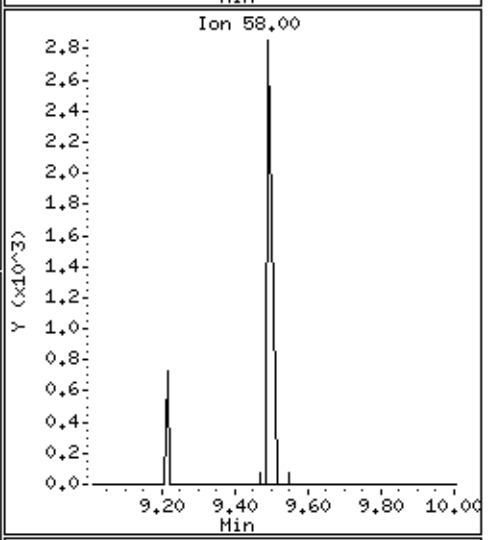
107 Methapyrilene

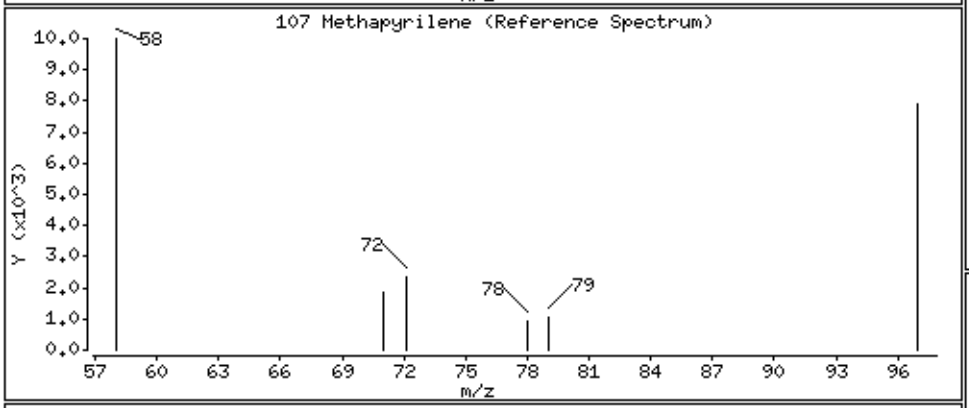
Concentration: 224 ug/kg

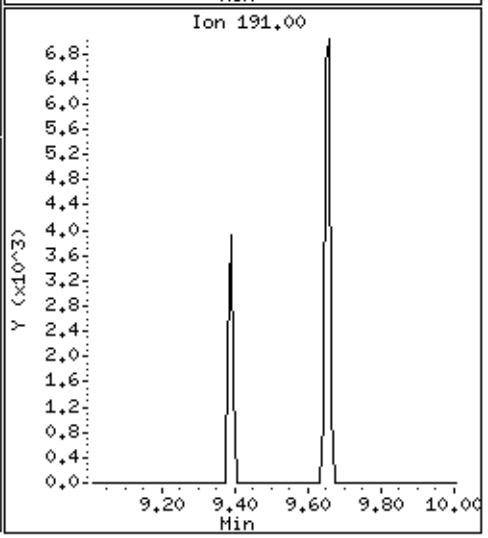


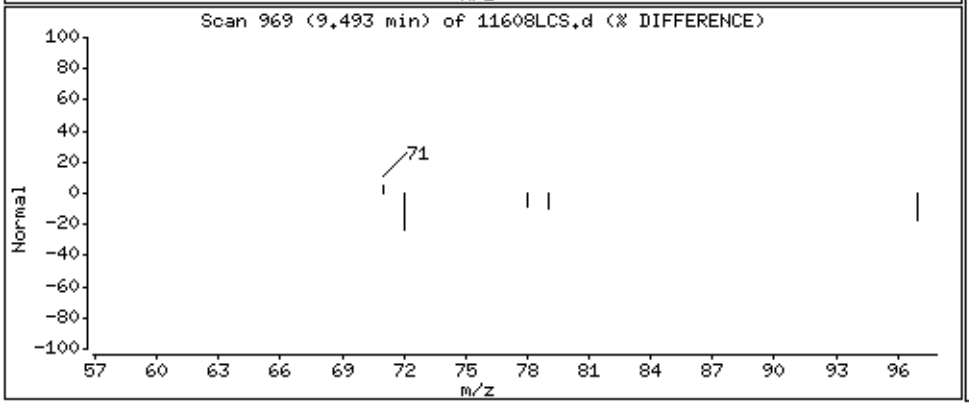












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

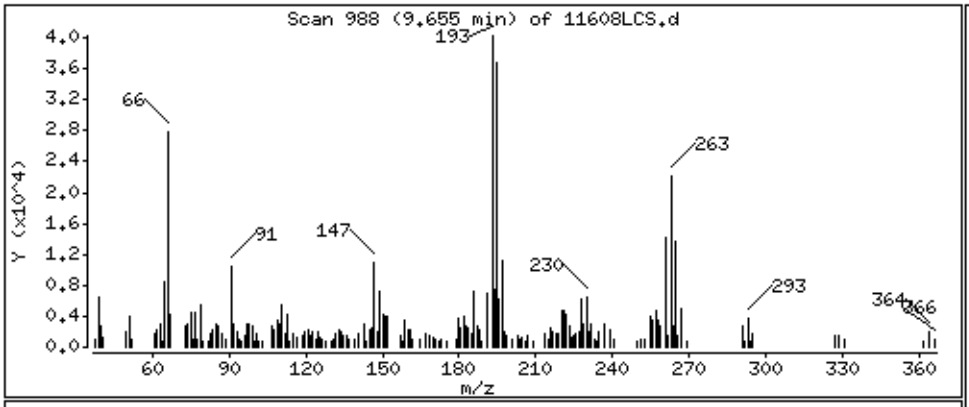
Operator: MJ

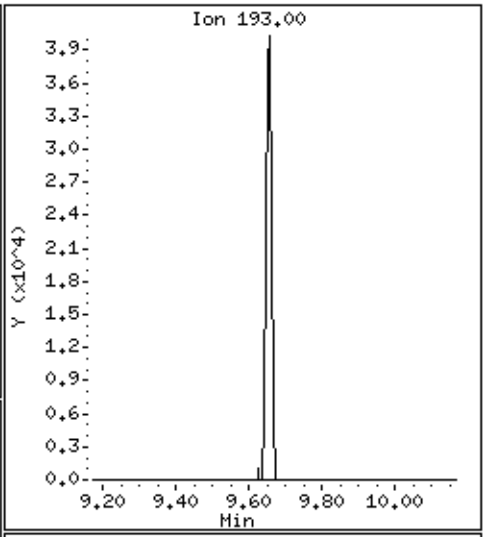
Column phase: HPMS-5

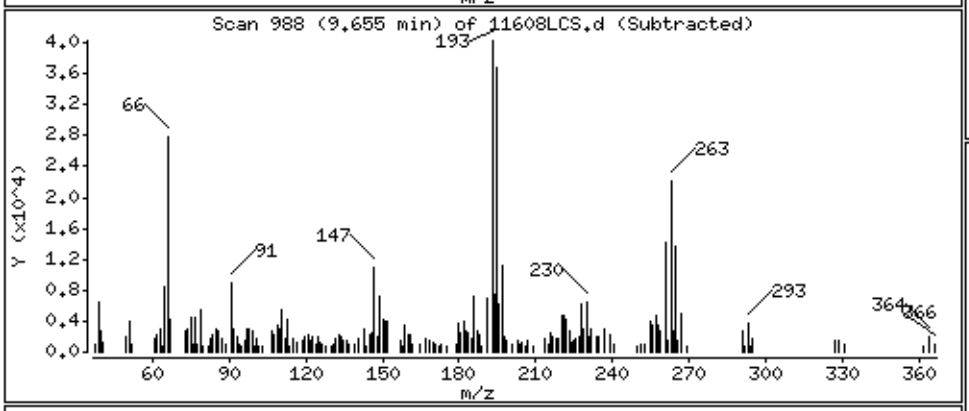
Column diameter: 0.25

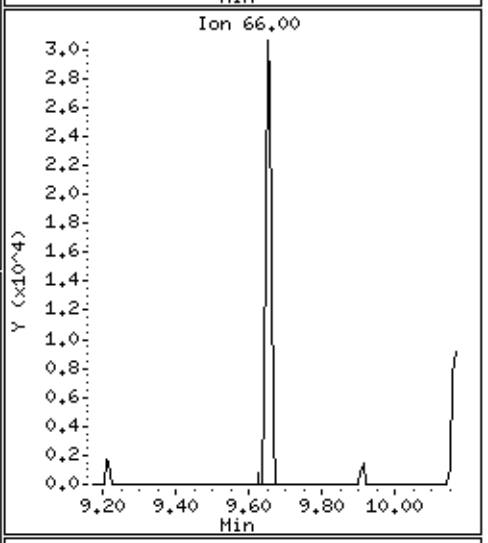
108 Isodrin

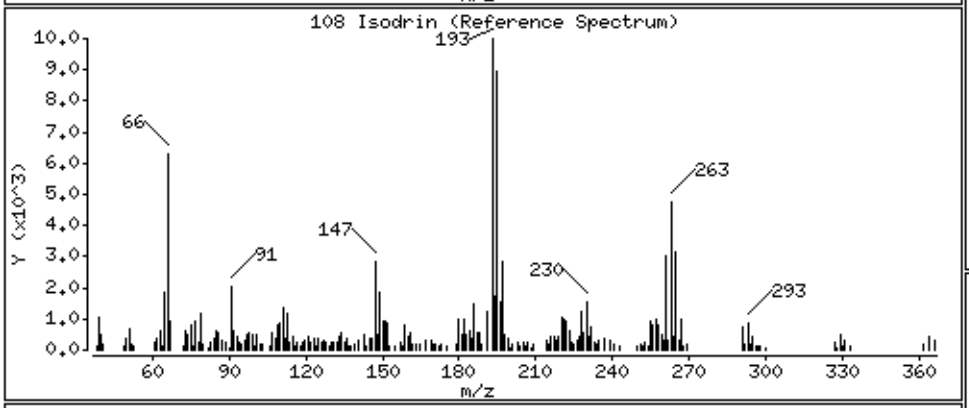
Concentration: 1790 ug/kg

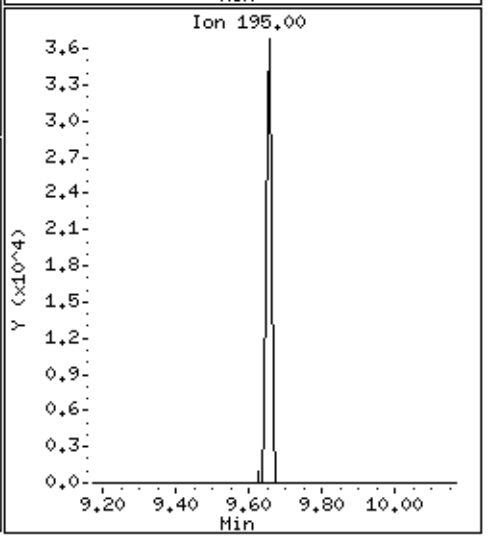


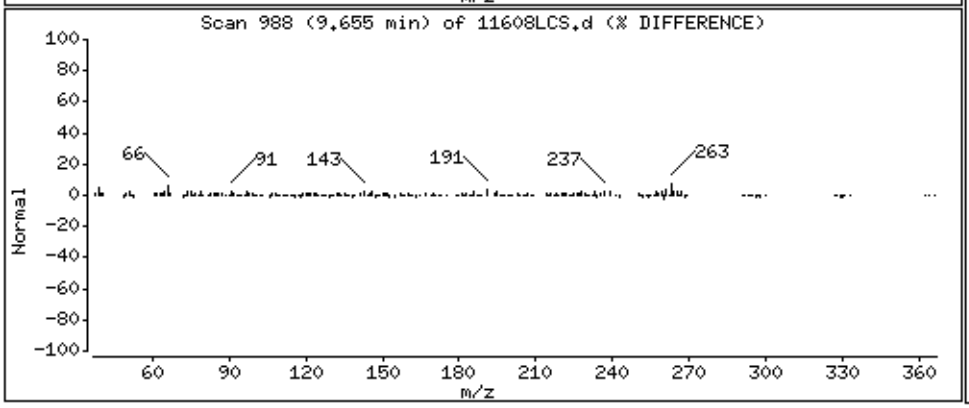












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

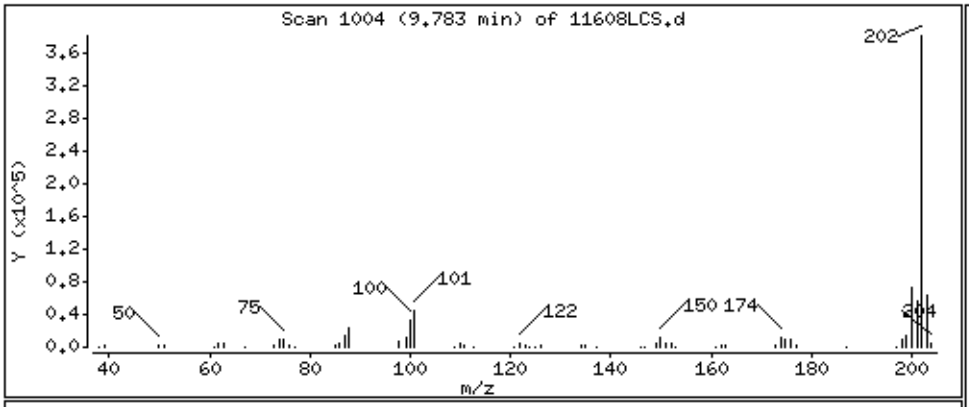
Operator: MJ

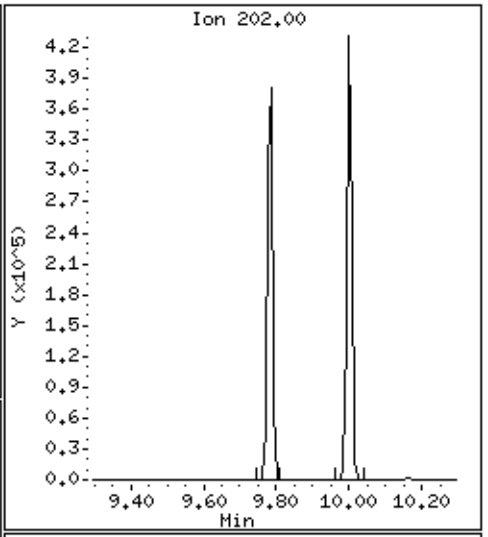
Column phase: HPMS-5

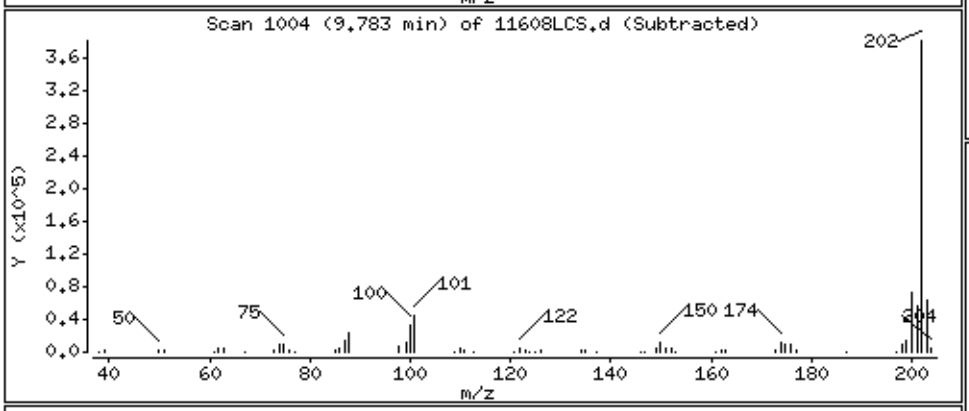
Column diameter: 0.25

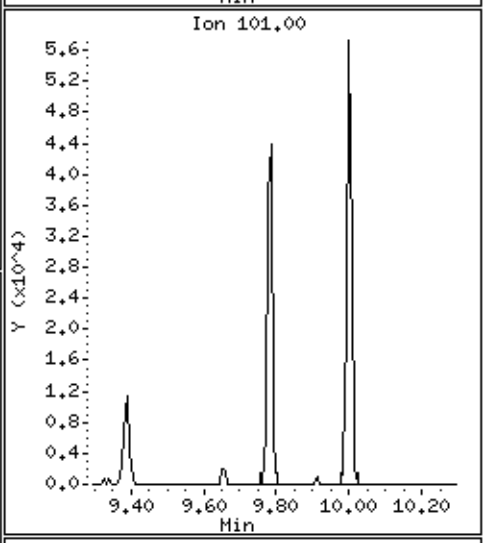
109 Fluoranthene

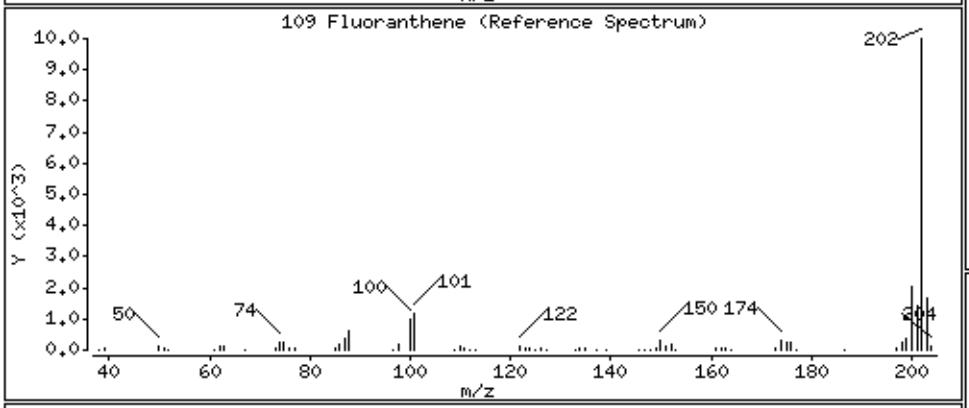
Concentration: 1940 ug/kg

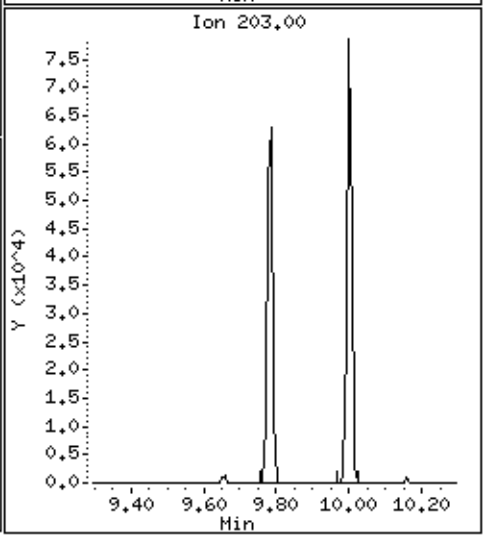


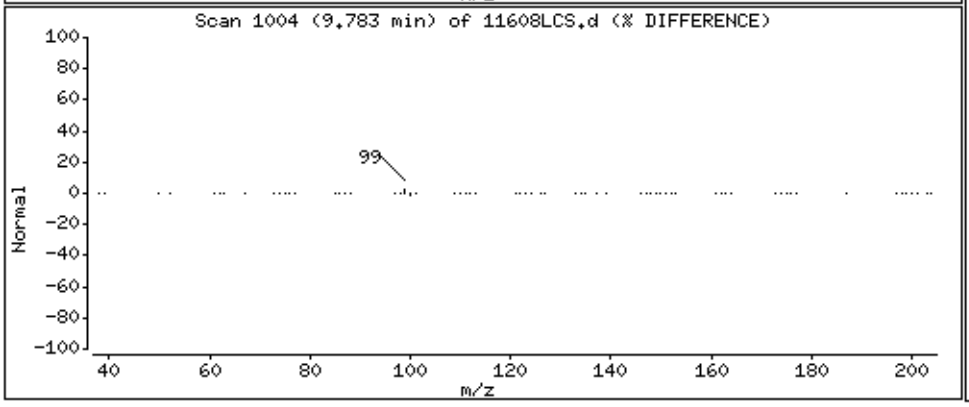












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

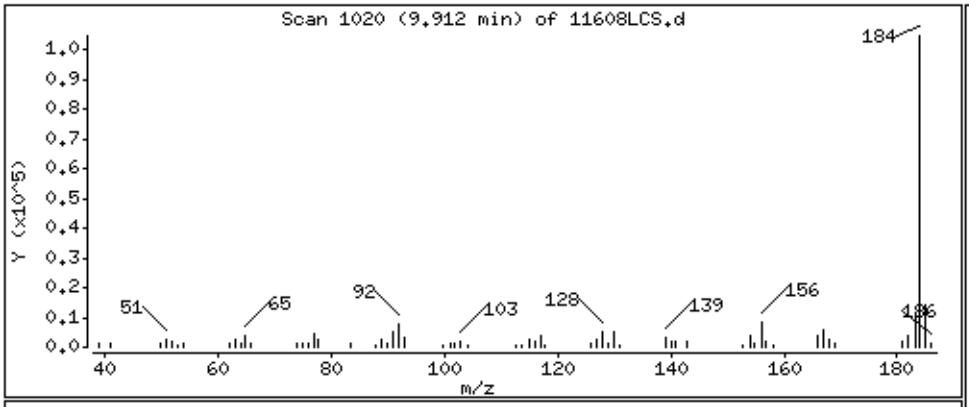
Operator: MJ

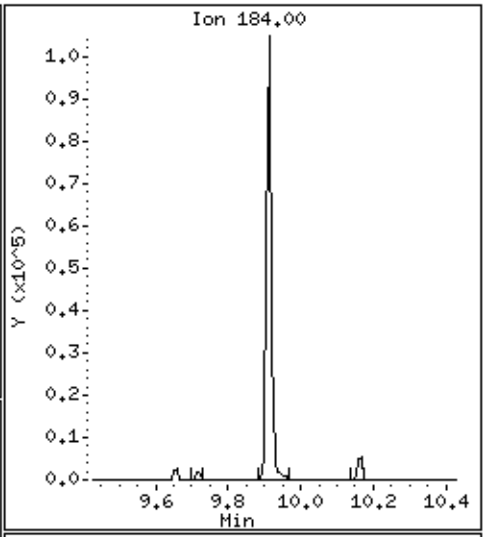
Column phase: HPMS-5

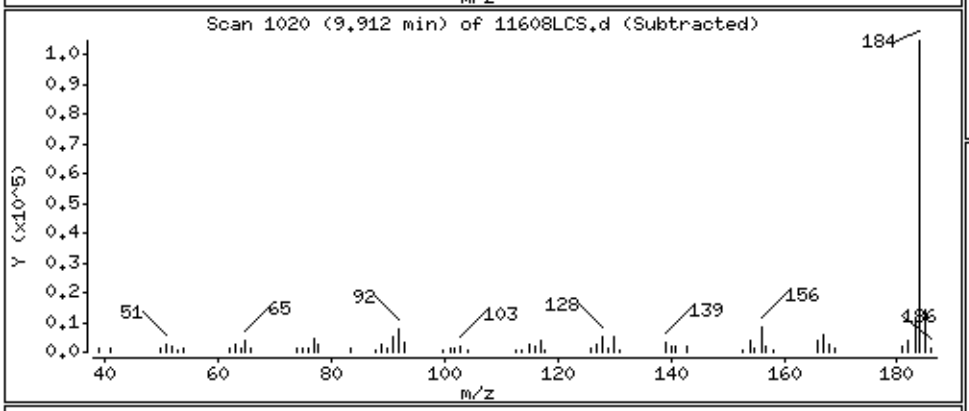
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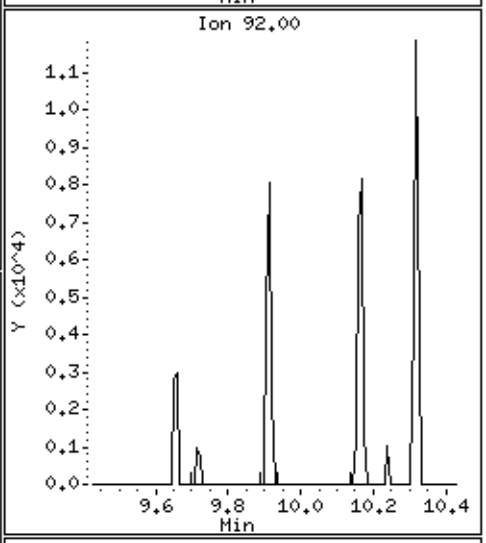
110 Benzidine

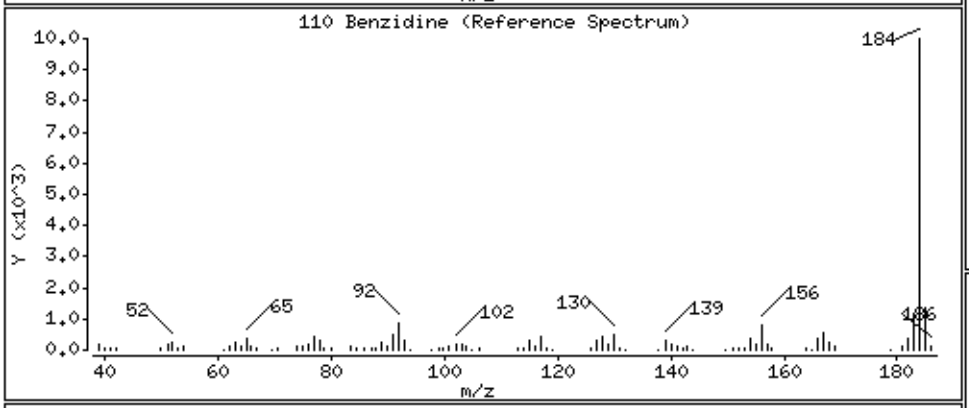
Concentration: 712 ug/kg

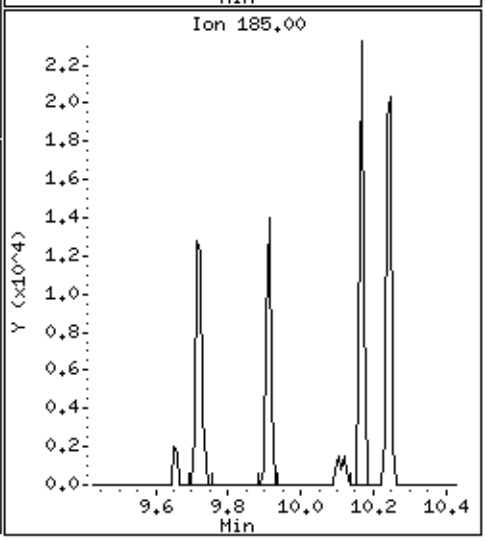


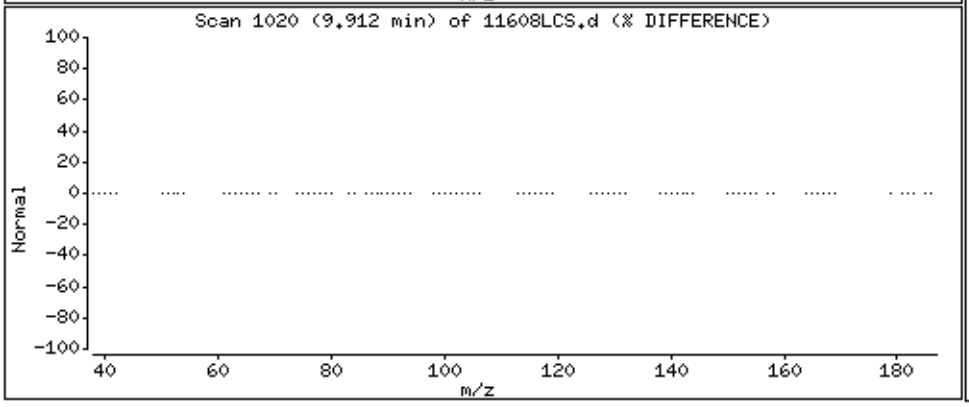












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

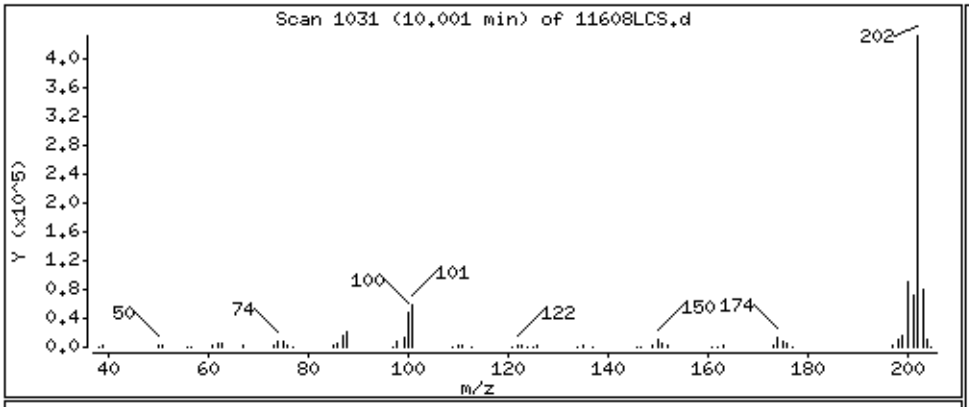
Operator: MJ

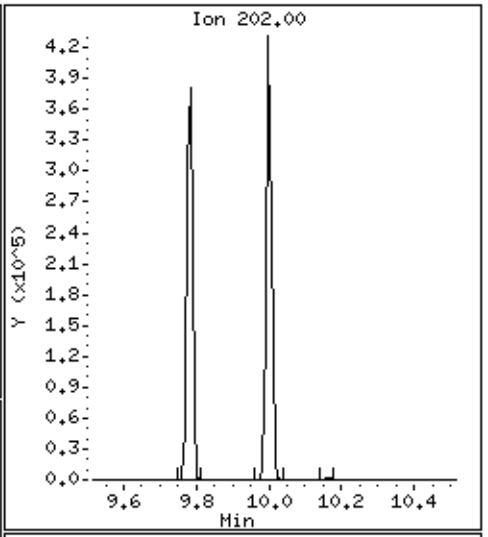
Column phase: HPMS-5

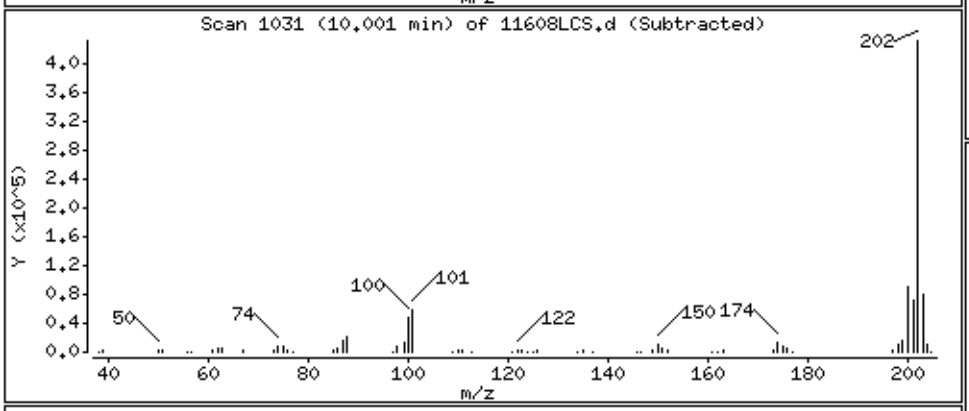
Column diameter: 0.25

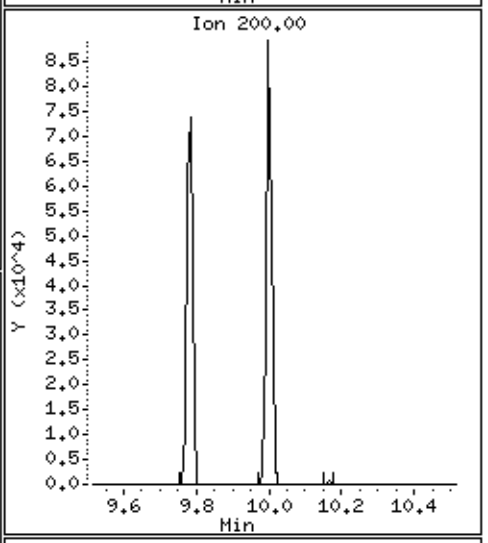
111 Pyrene

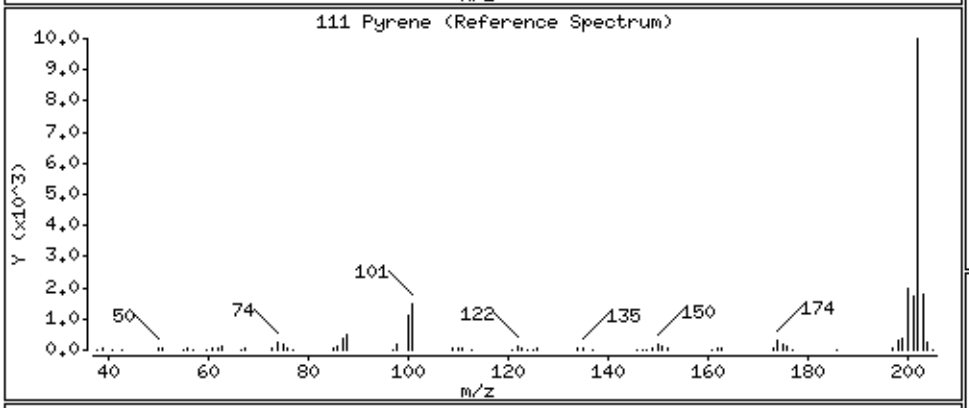
Concentration: 1910 ug/kg

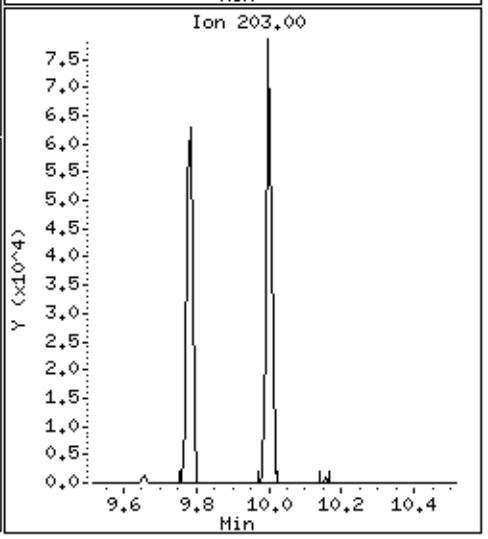


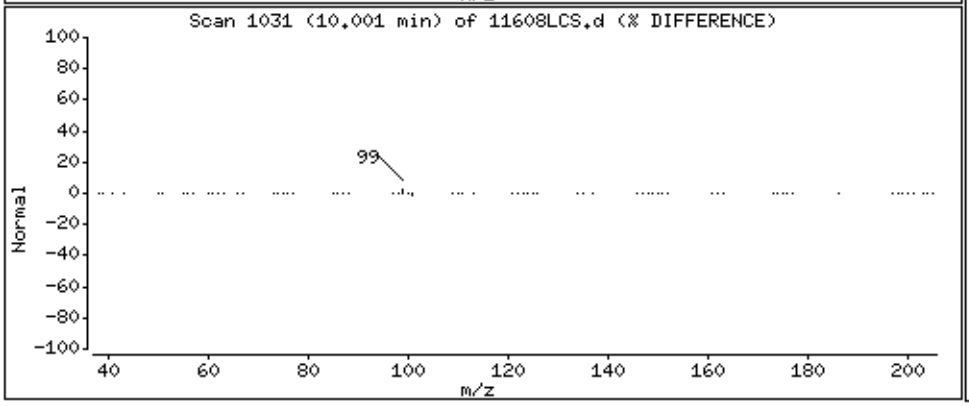












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

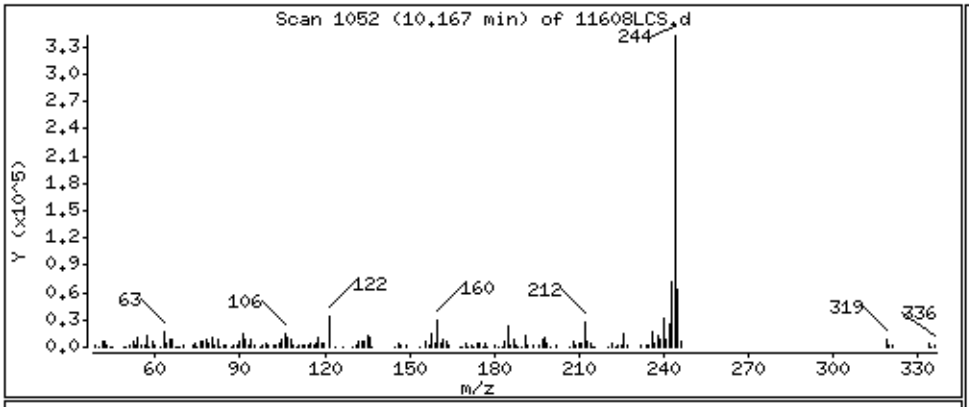
Operator: MJ

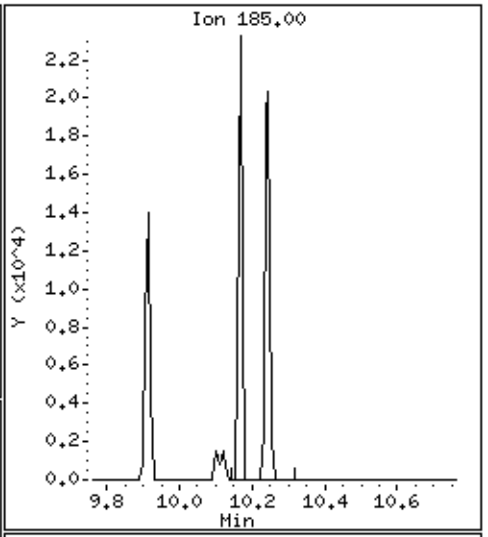
Column phase: HPMS-5

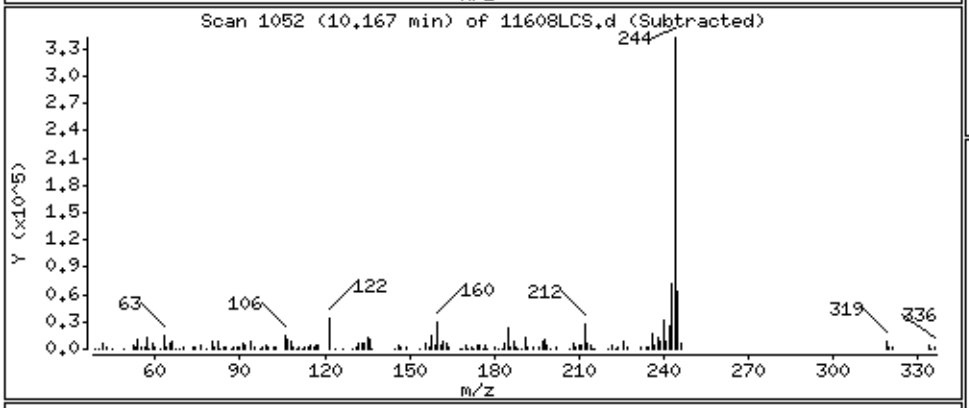
Column diameter: 0.25

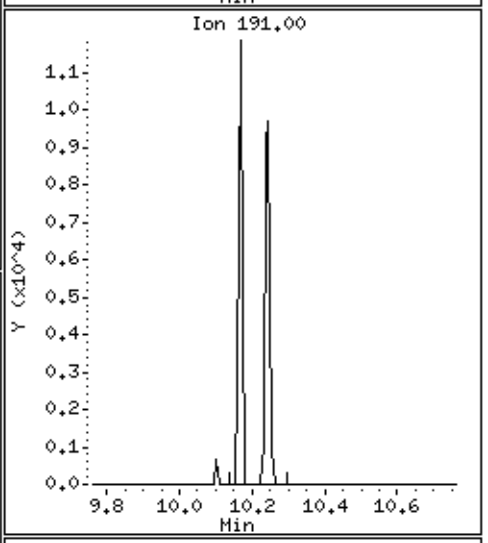
113 Aramite

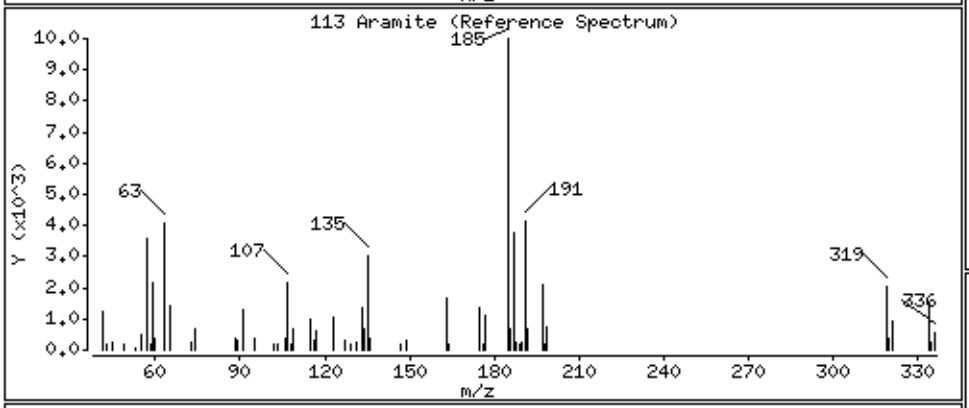
Concentration: 1260 ug/kg

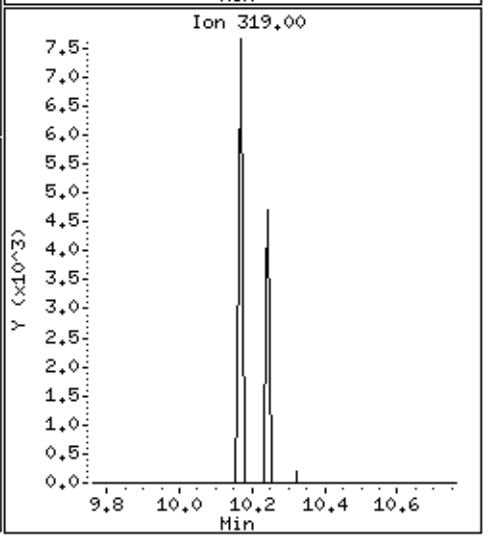


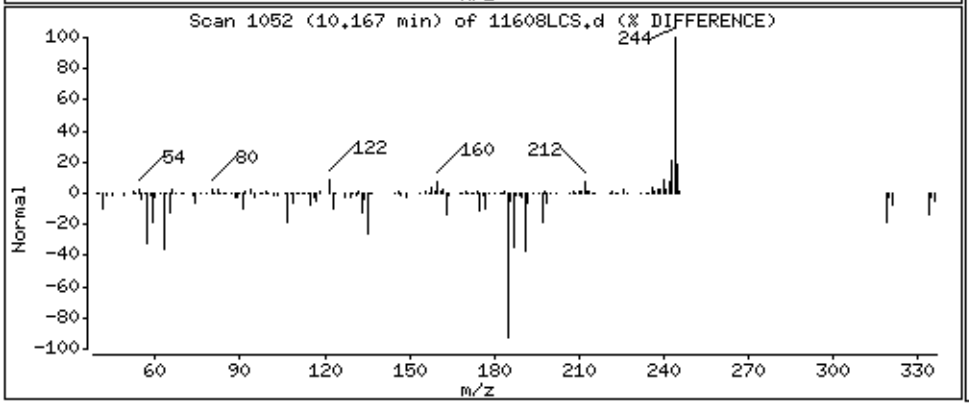












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

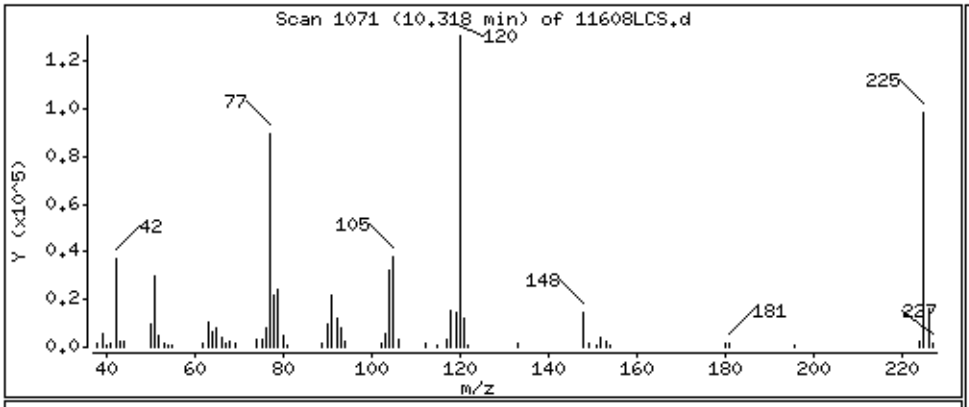
Operator: MJ

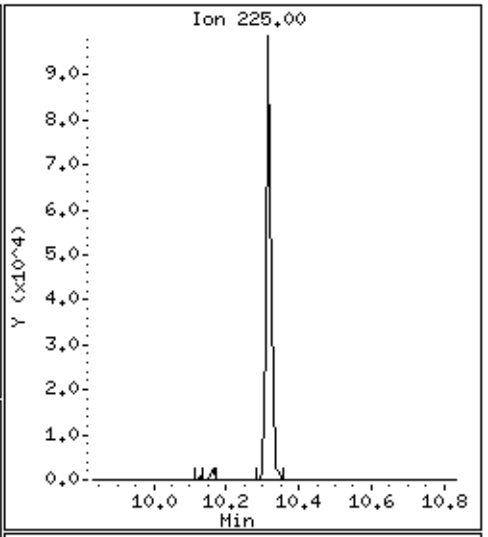
Column phase: HPMS-5

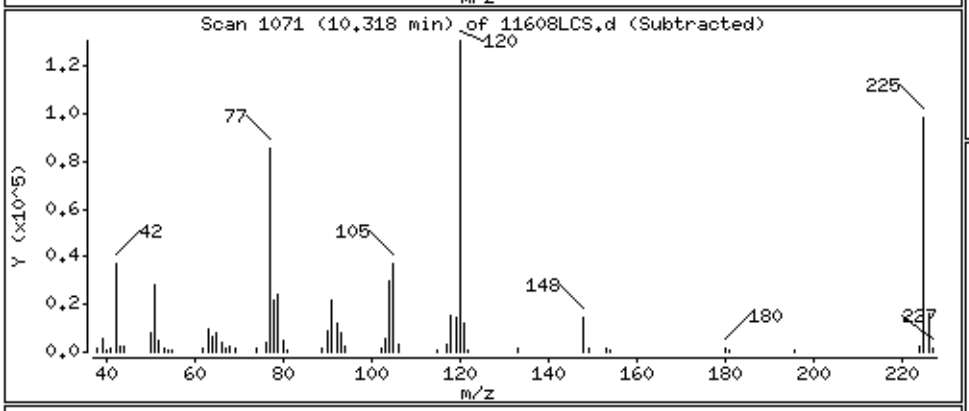
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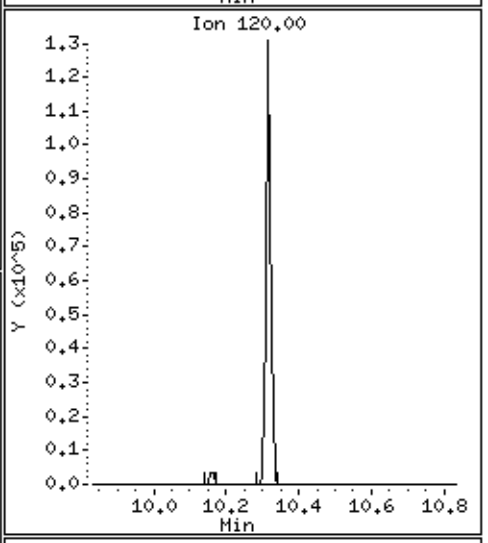
114 p-Dimethylamino azobenzene

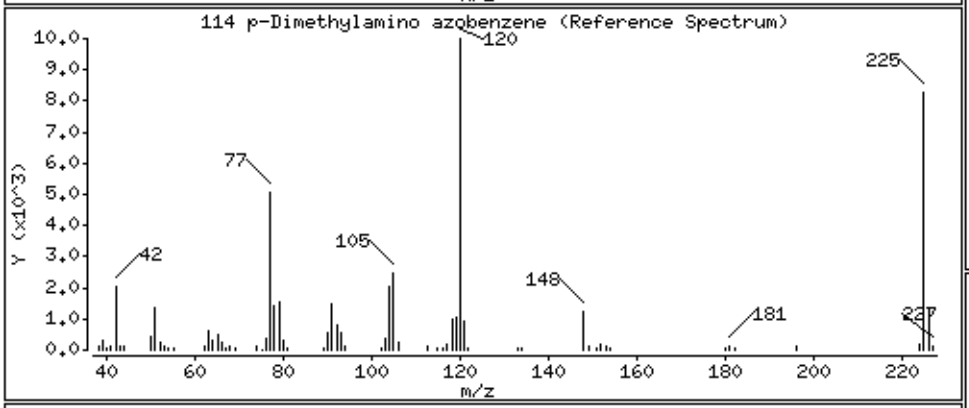
Concentration: 1640 ug/kg

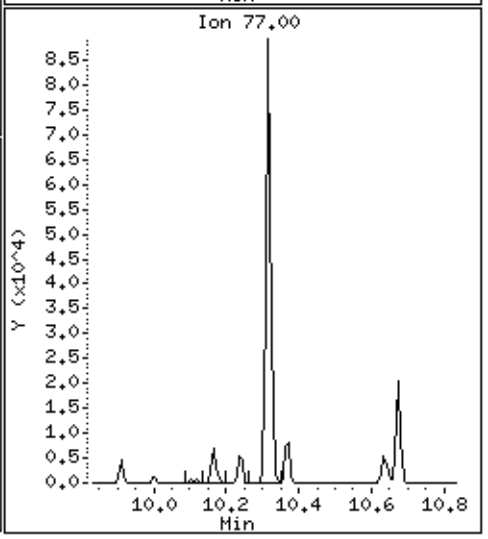


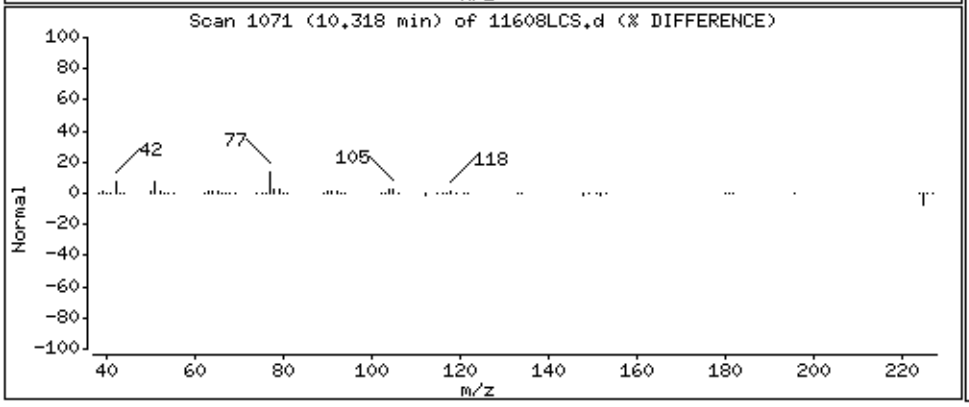












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

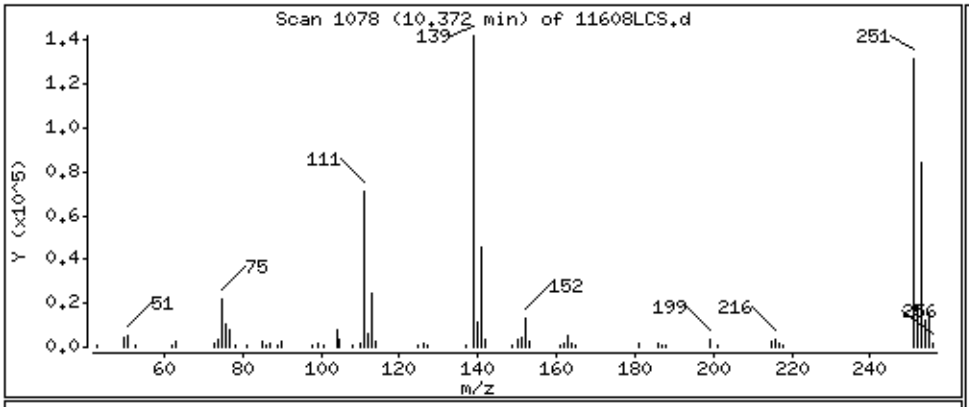
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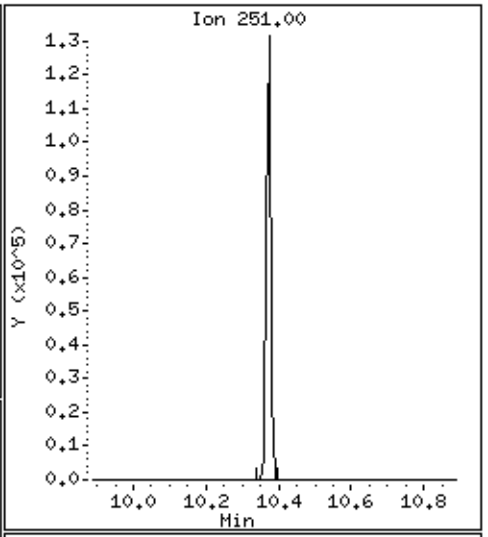
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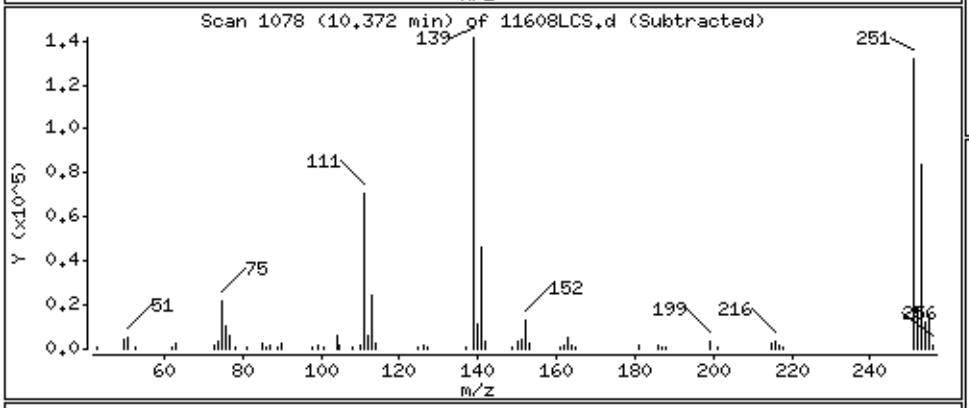
Column diameter: 0.25

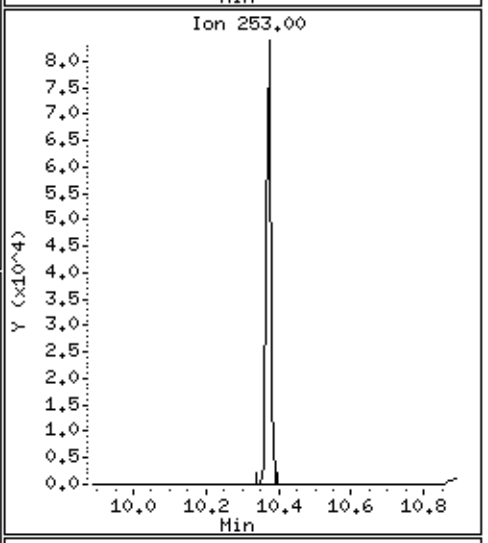
115 Chlorobenzilate

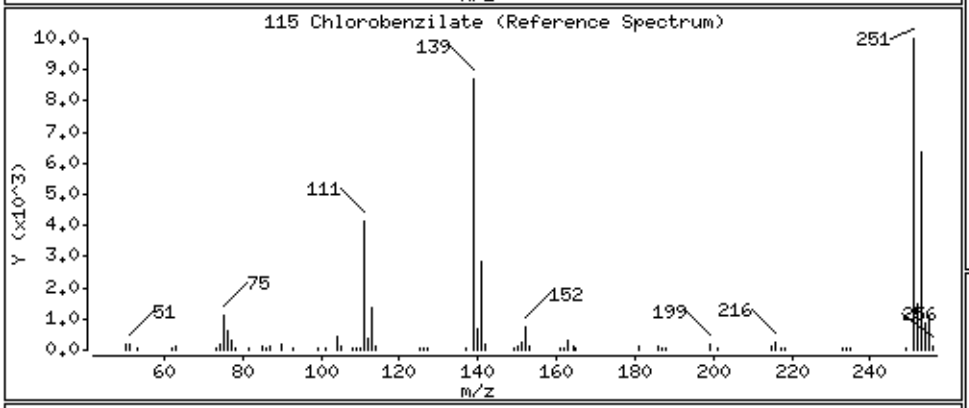
Concentration: 1600 ug/kg

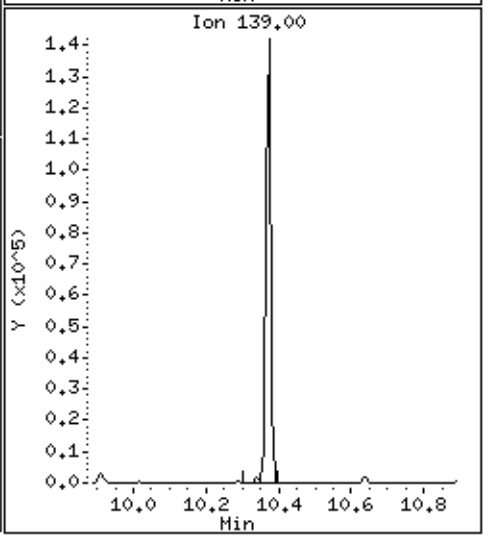


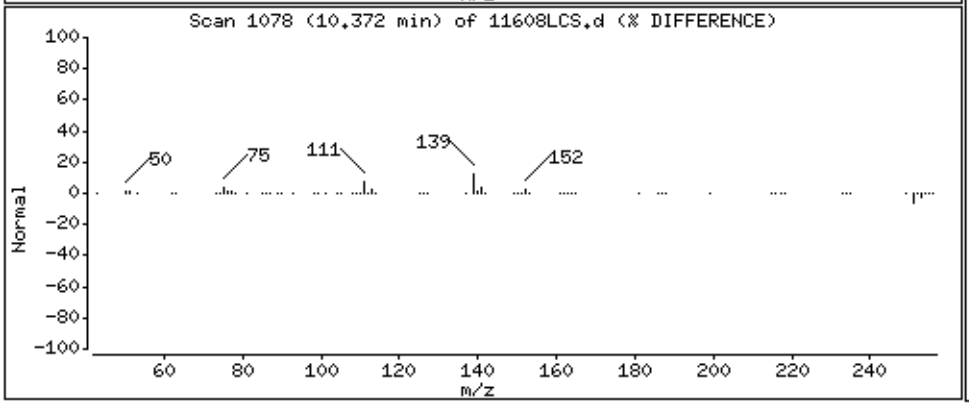












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

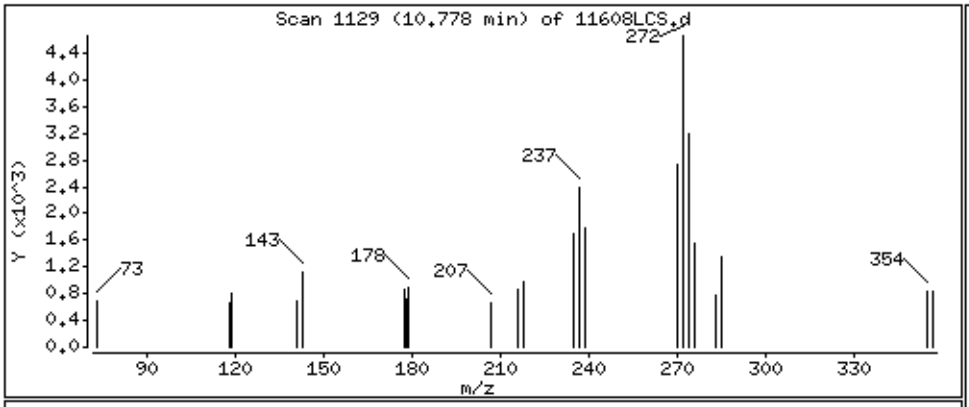
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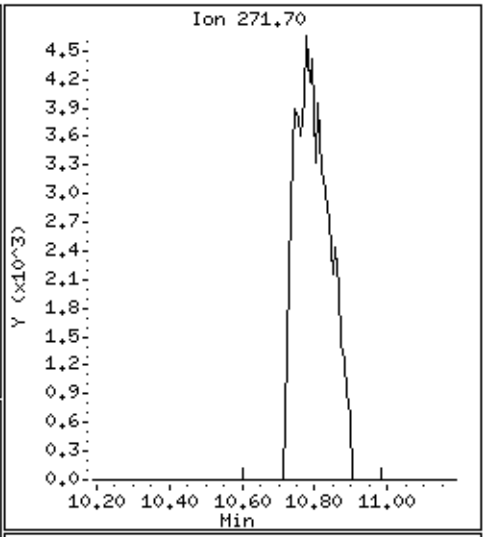
Column phase: HPMS-5

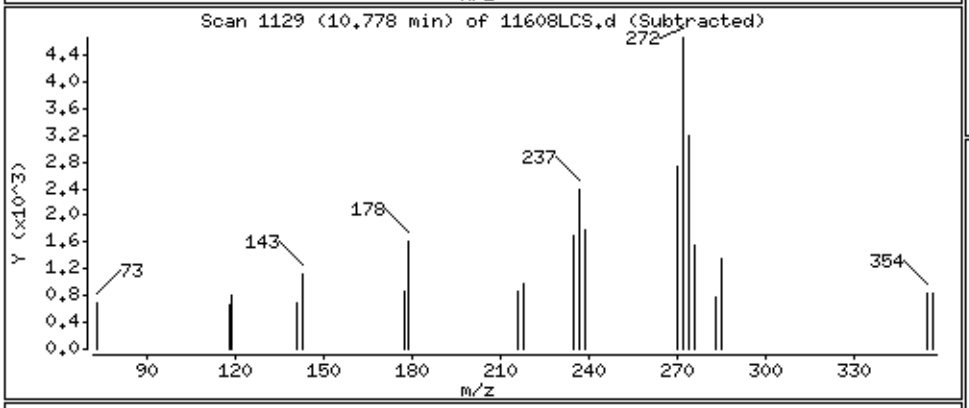
Column diameter: 0.25

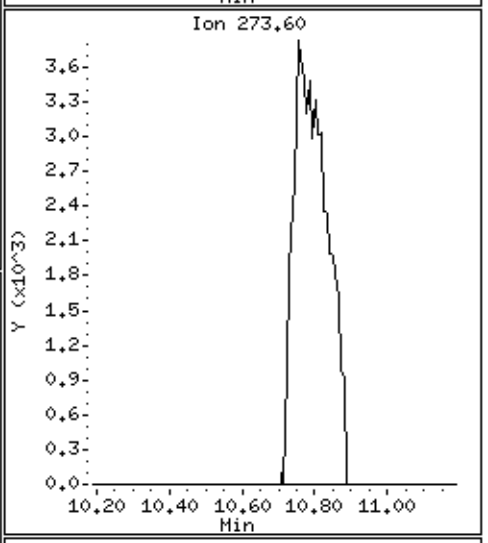
116 Kepone

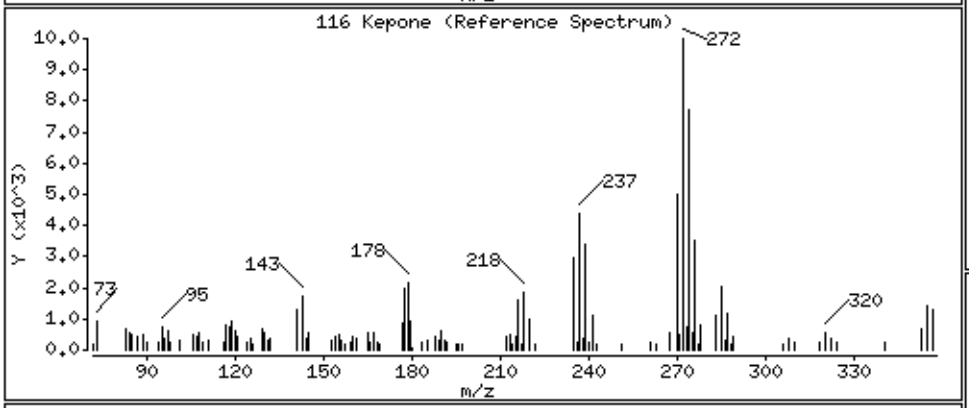
Concentration: 1530 ug/kg

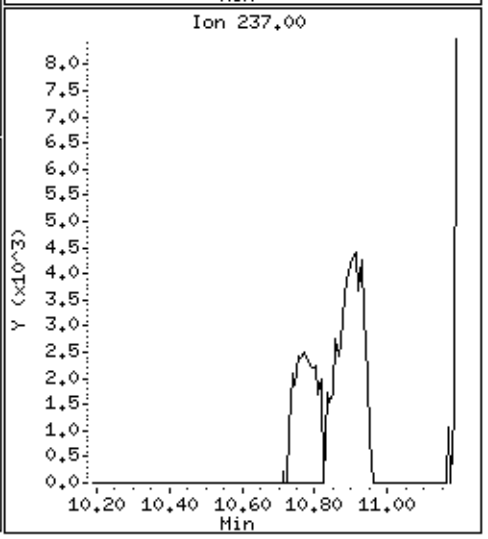


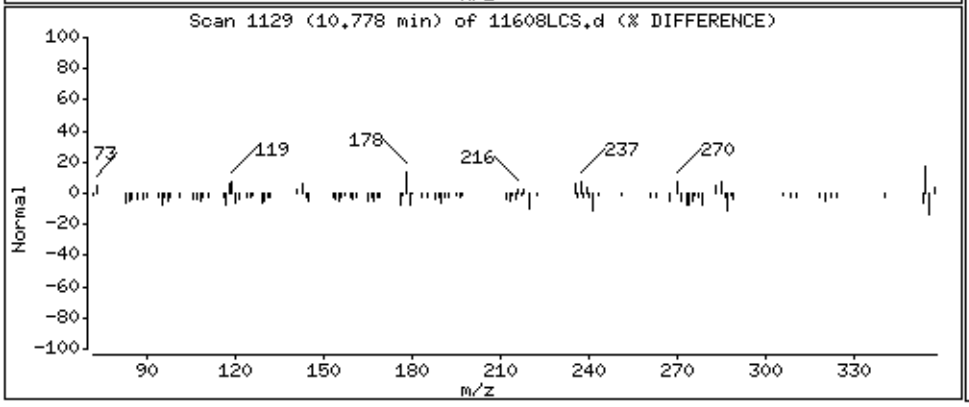












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

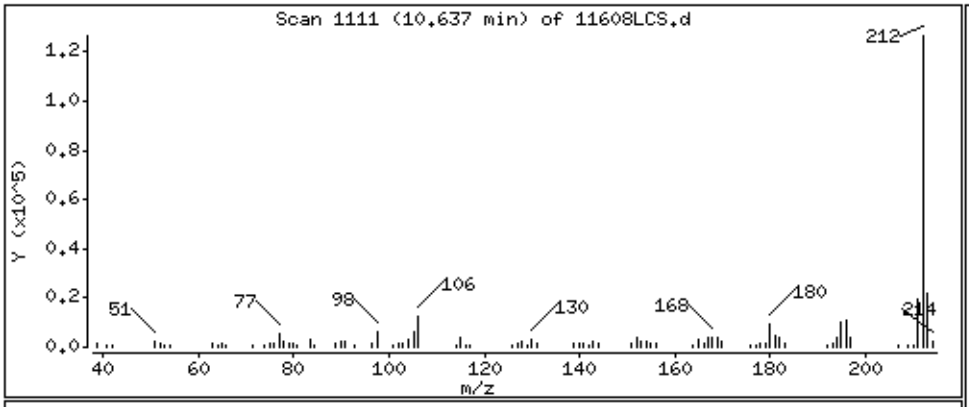
Operator: MJ

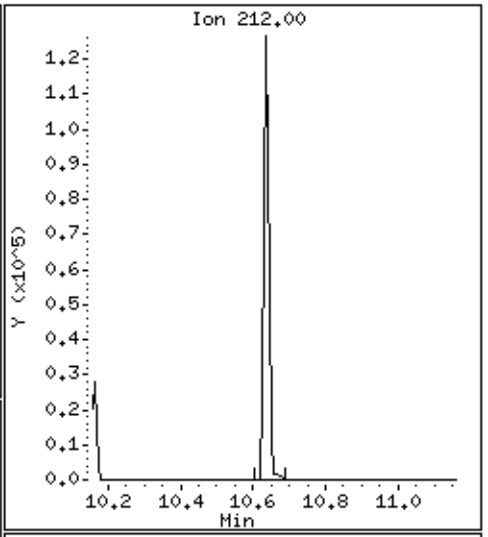
Column phase: HPMS-5

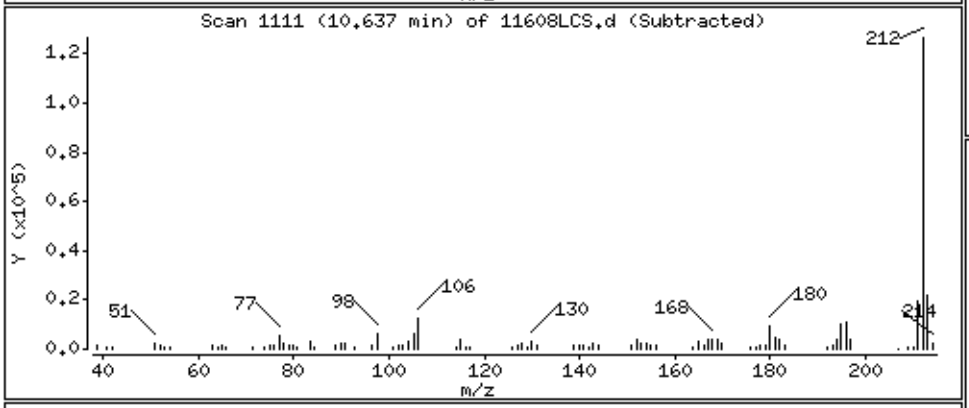
Column diameter: 0.25

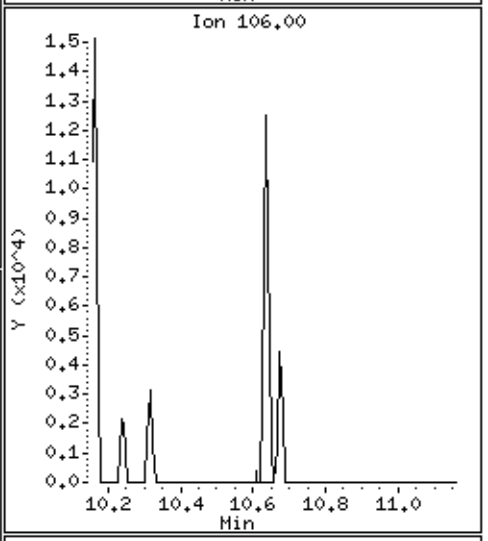
117 3,3-Dimethylbenzidine

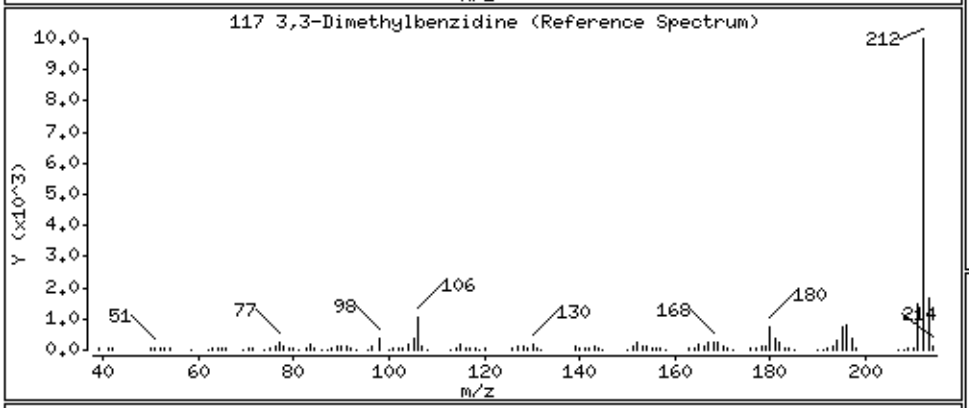
Concentration: 978 ug/kg

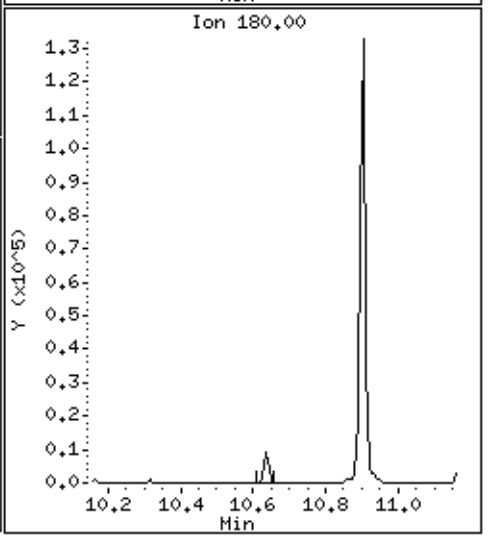


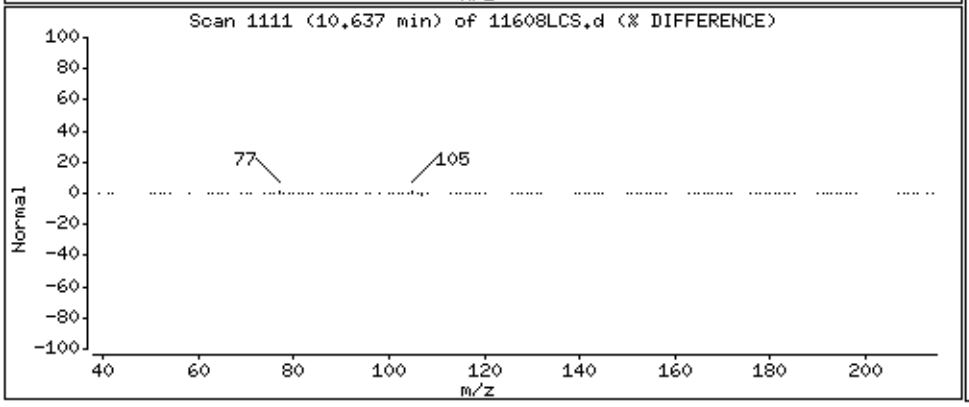












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

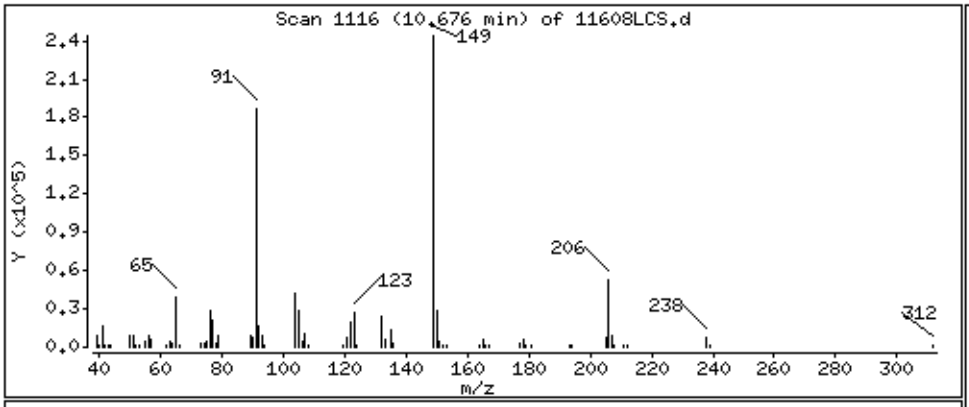
Operator: MJ

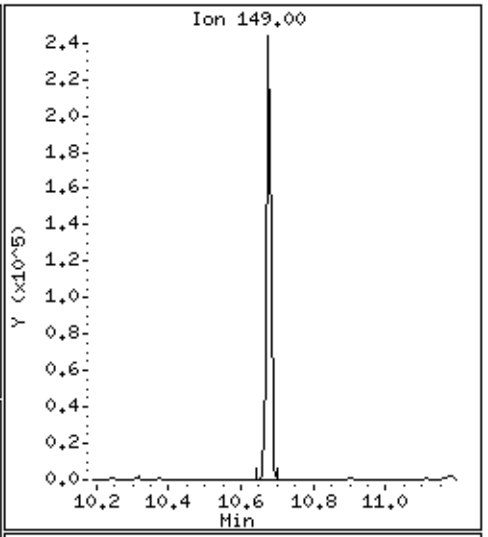
Column phase: HPMS-5

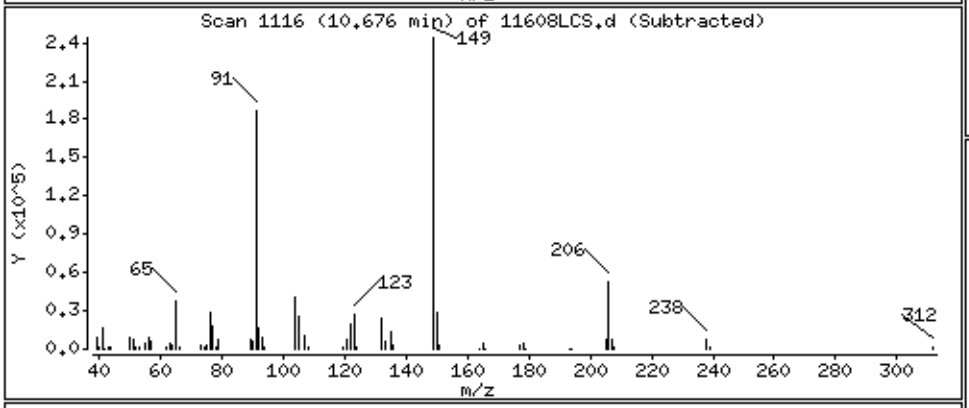
Column diameter: 0.25

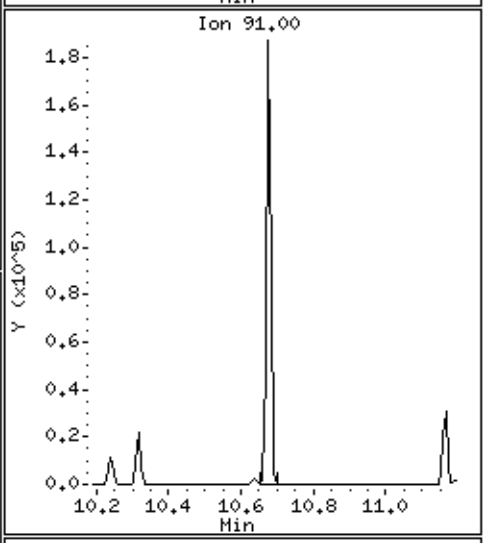
118 Butylbenzylphthalate

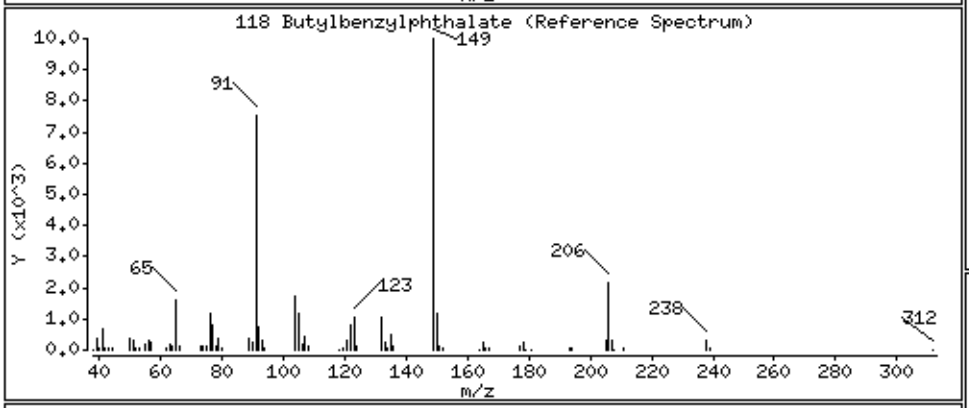
Concentration: 2070 ug/kg

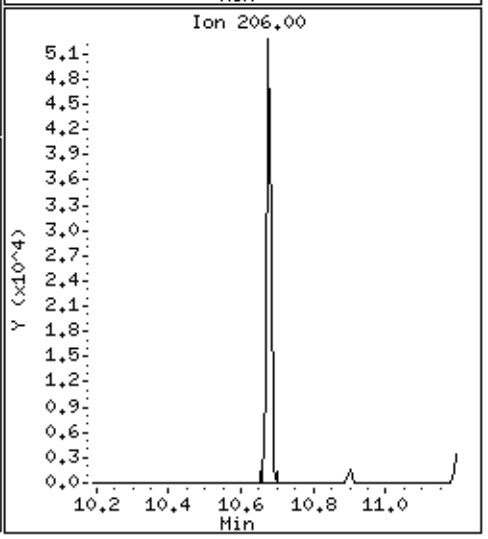


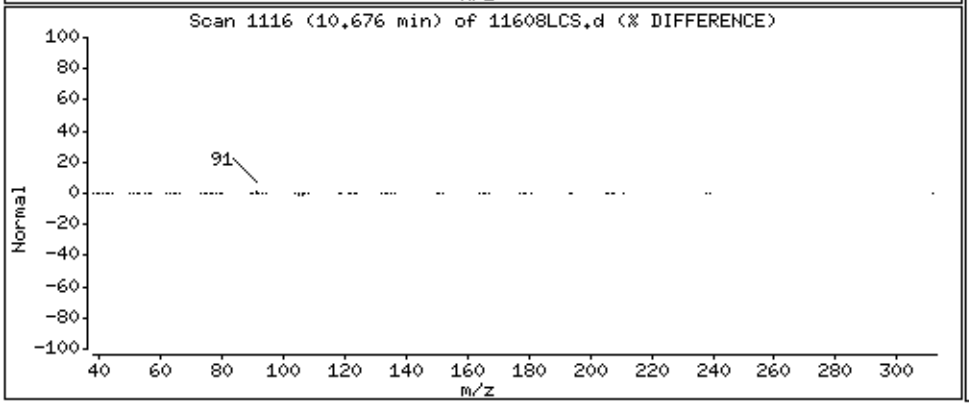












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

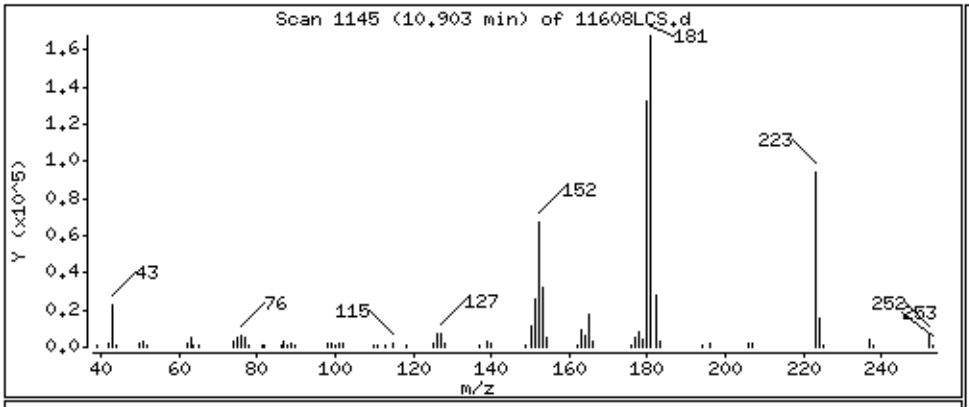
Operator: MJ

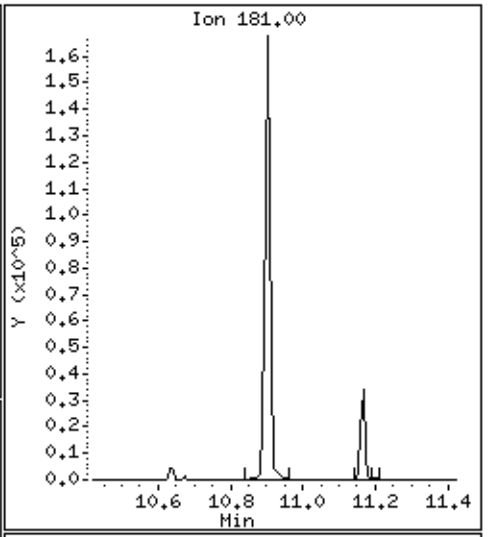
Column phase: HPMS-5

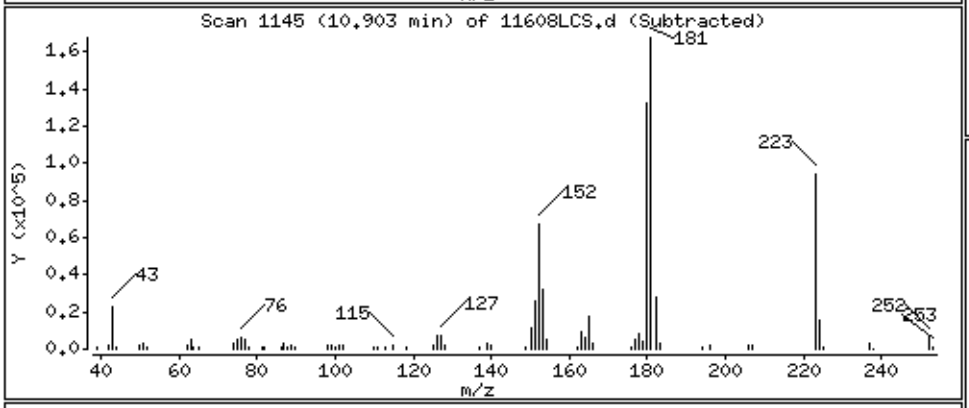
Column diameter: 0.25

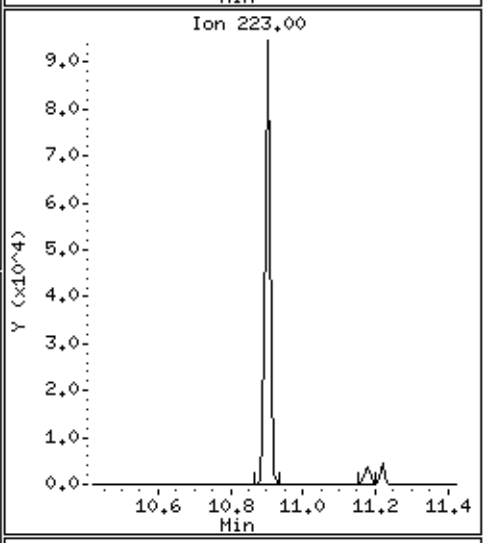
119 2-Acetylaminofluorene

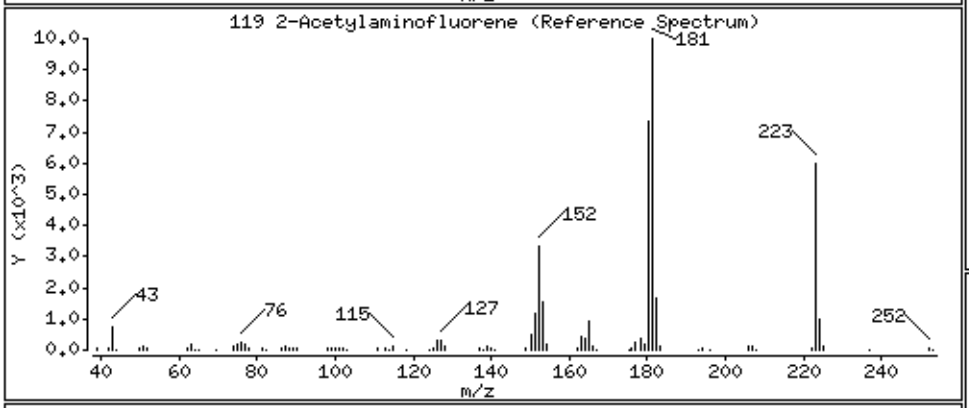
Concentration: 1650 ug/kg

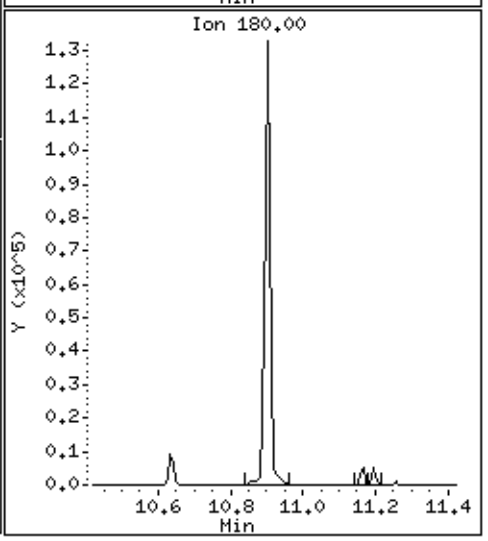


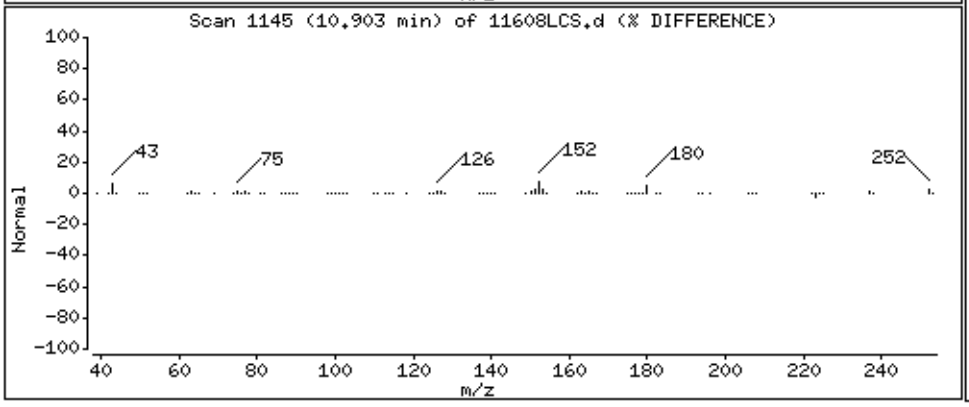












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

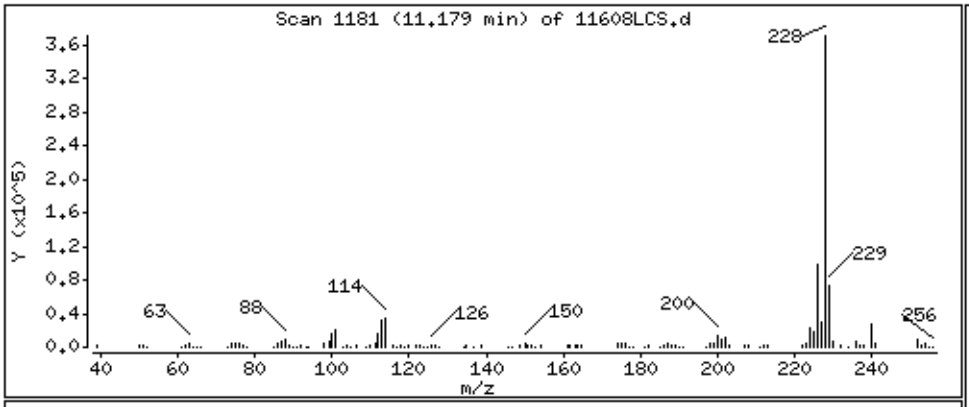
Operator: MJ

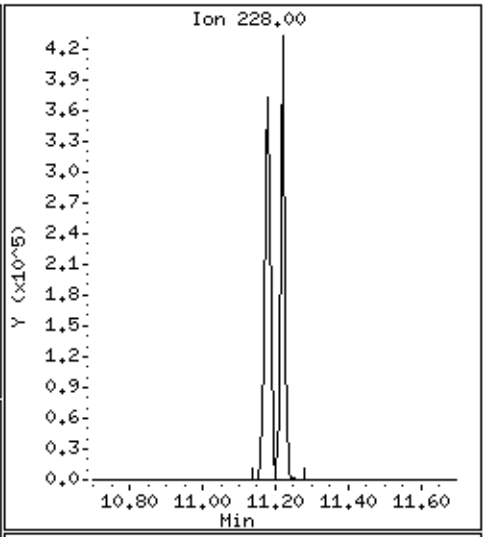
Column phase: HPMS-5

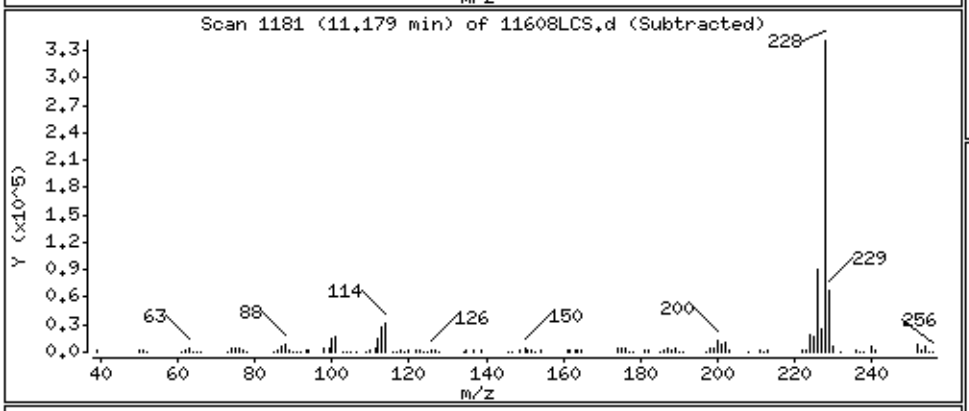
Column diameter: 0.25

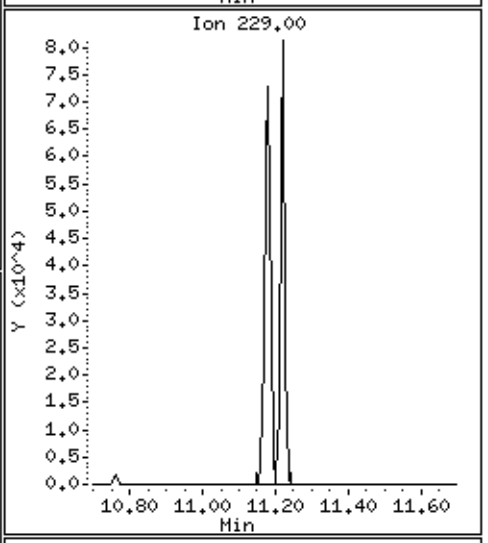
120 Benzo[a]anthracene

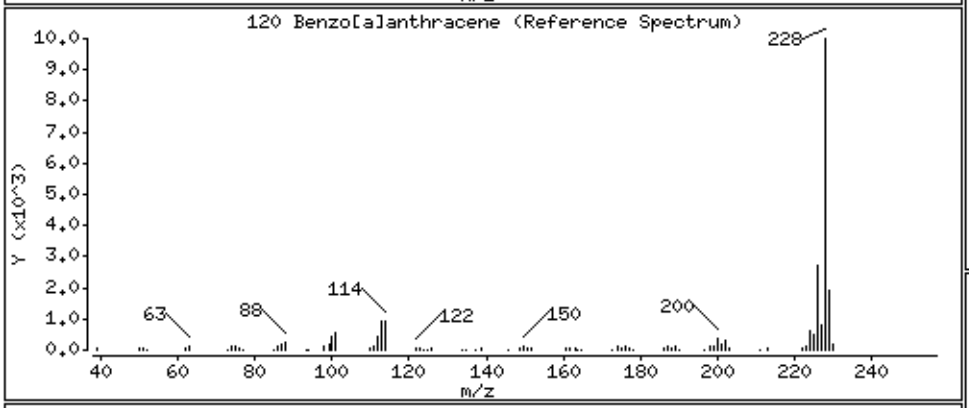
Concentration: 1980 ug/kg

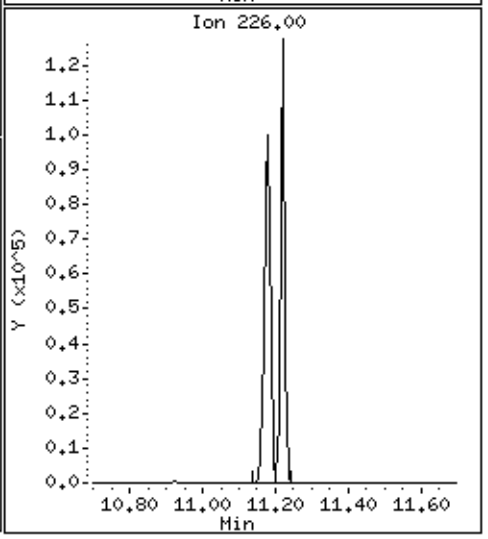


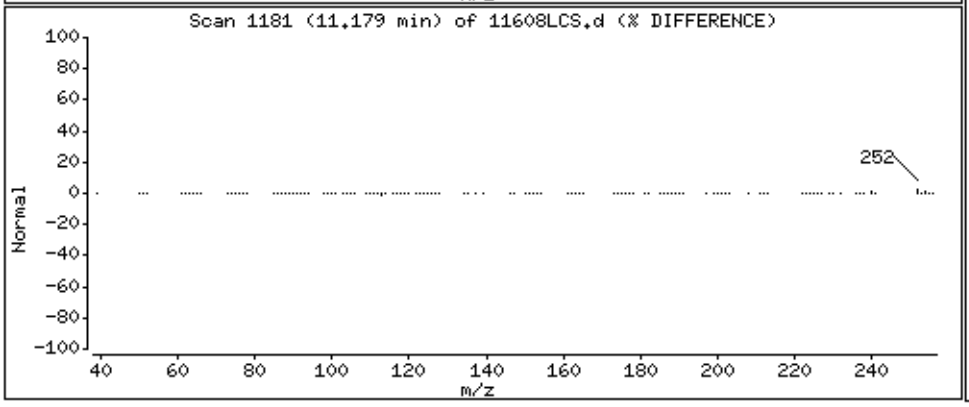












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

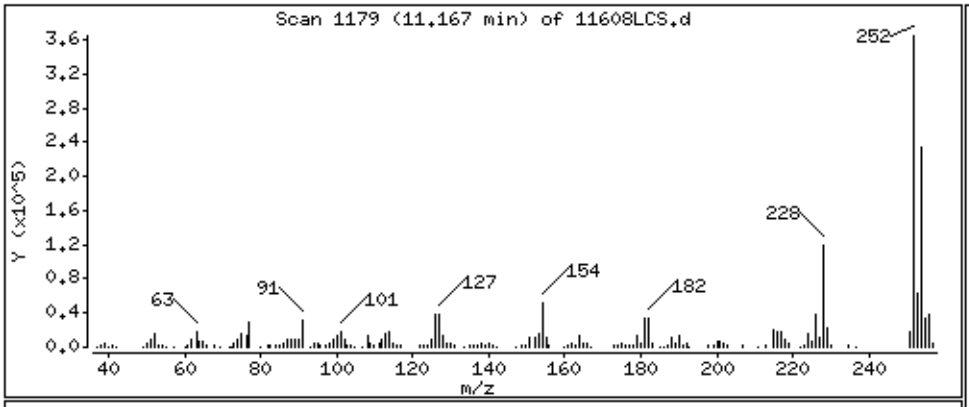
Operator: MJ

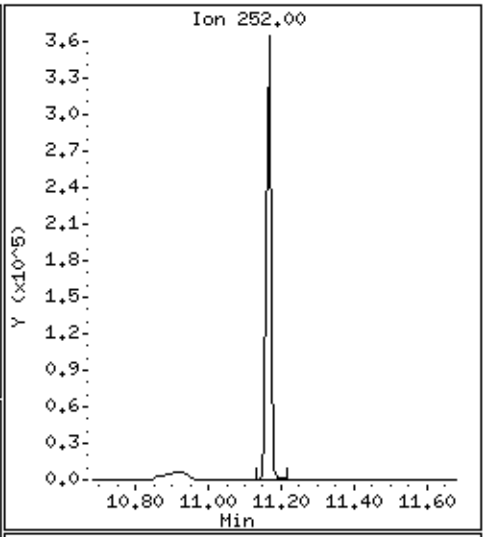
Column phase: HPMS-5

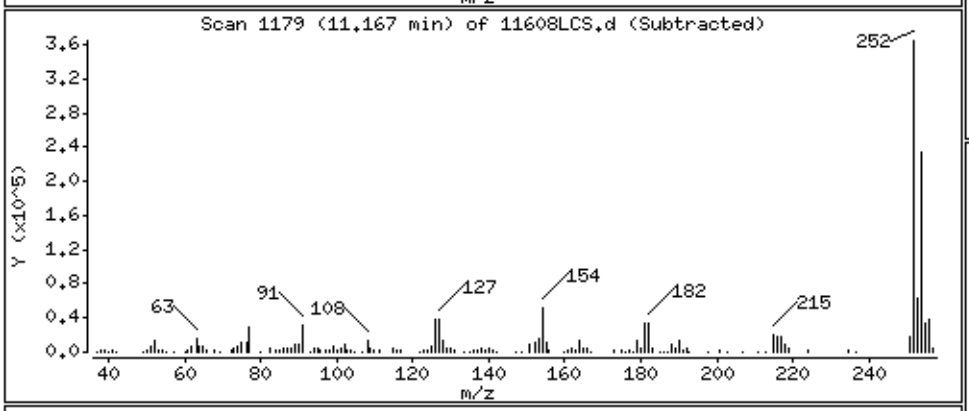
Column diameter: 0.25

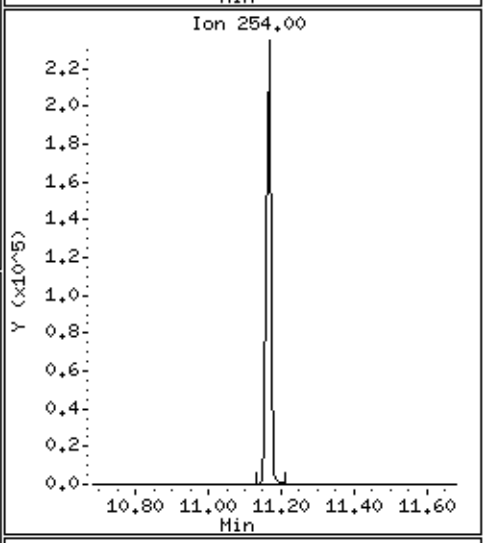
122 3,3'-Dichlorobenzidine

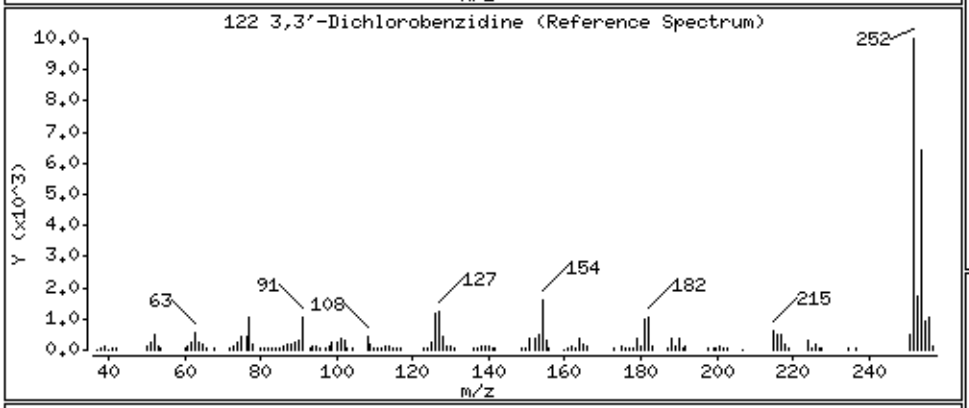
Concentration: 3620 ug/kg

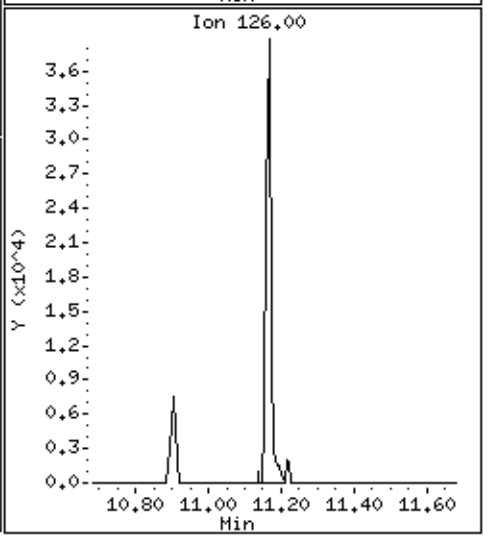


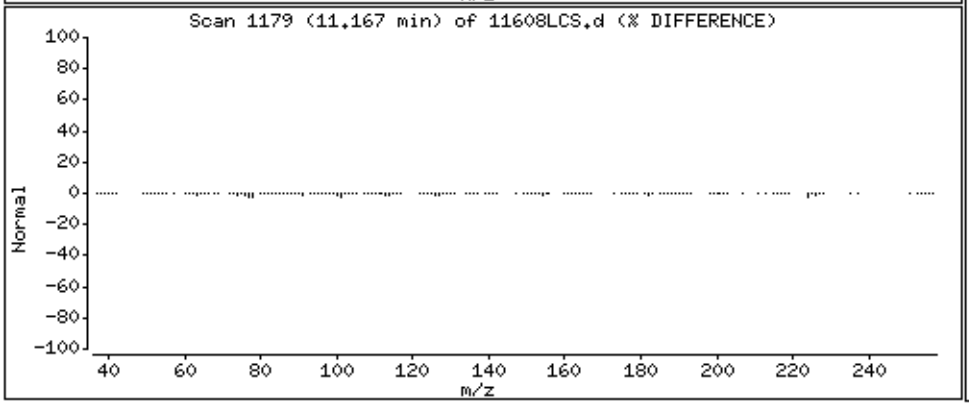












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

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Instrument: smsd04.i

Sample Info: SW154211LCS

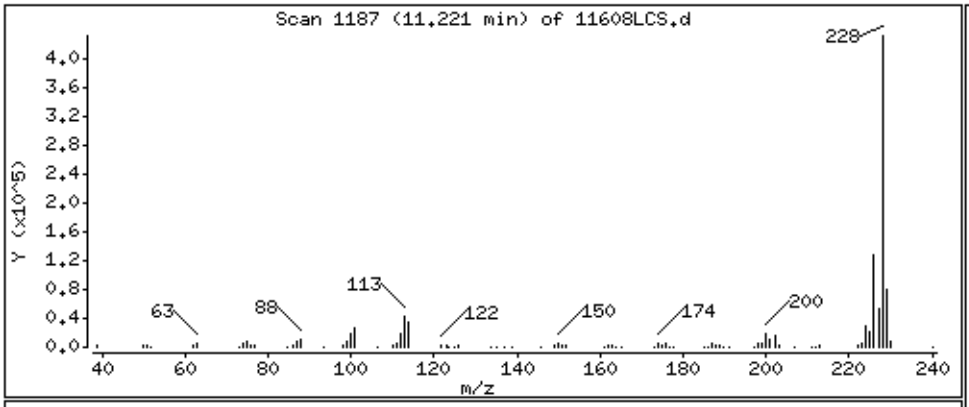
Operator: MJ

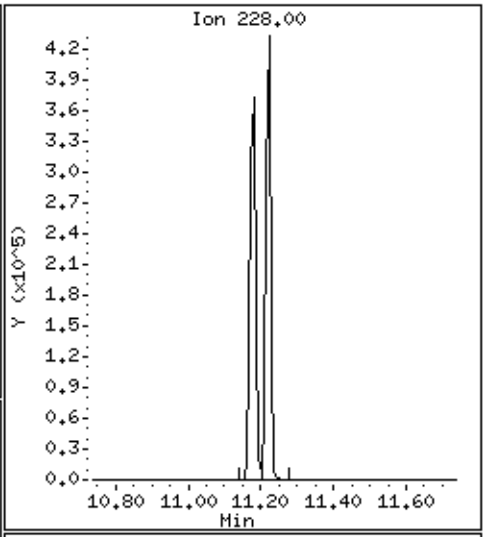
Column phase: HPMS-5

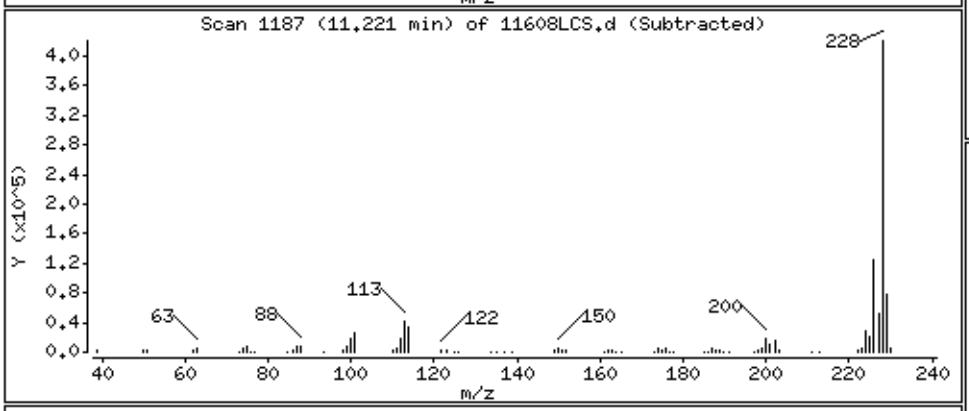
Column diameter: 0.25

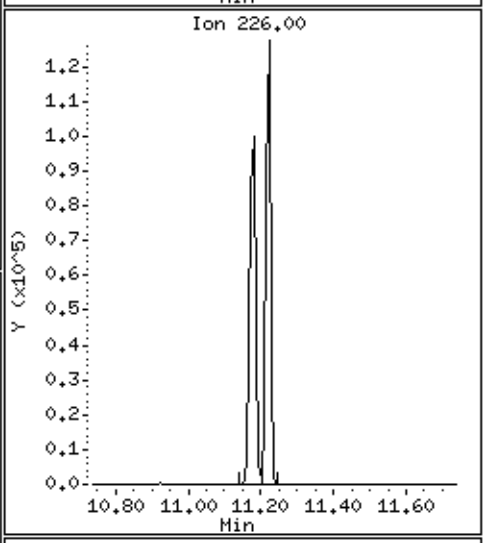
123 Chrysene

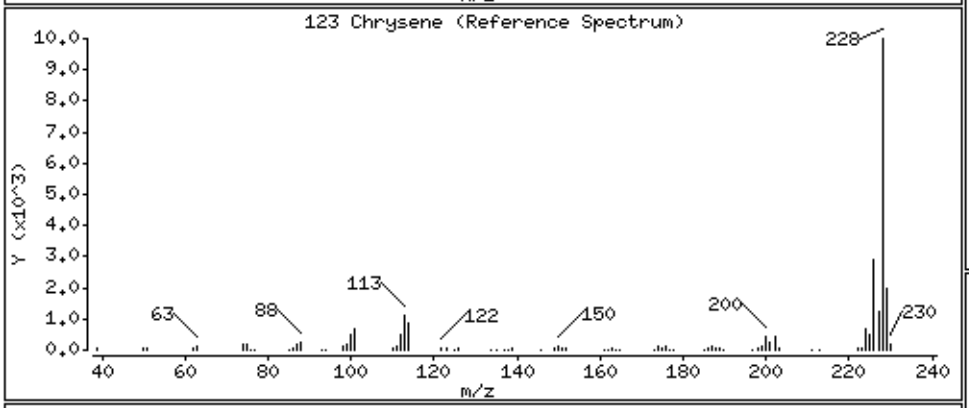
Concentration: 1890 ug/kg

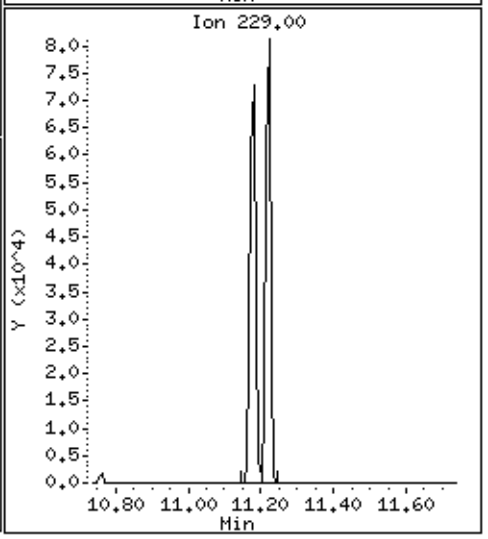


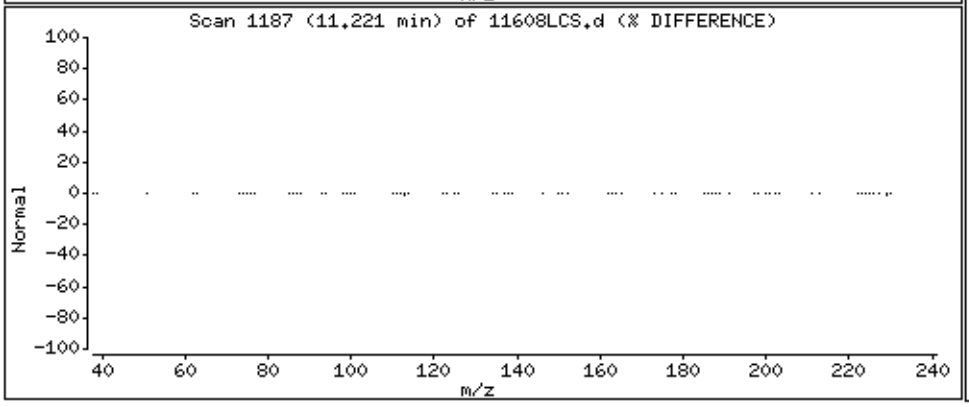












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Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

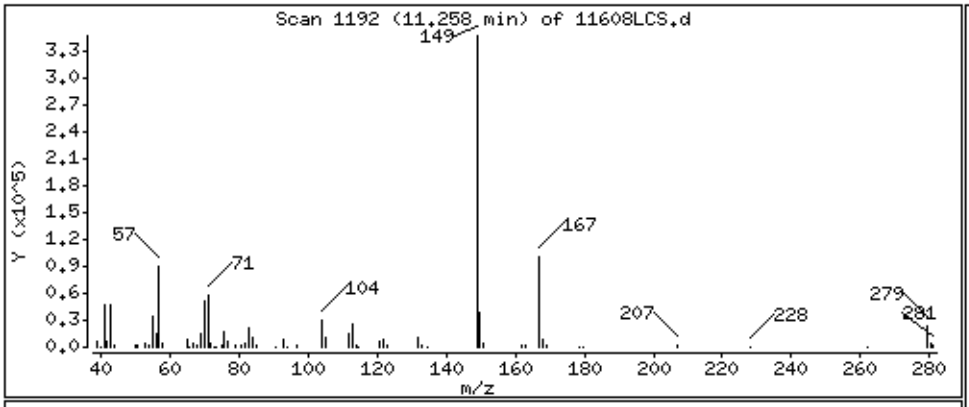
Operator: MJ

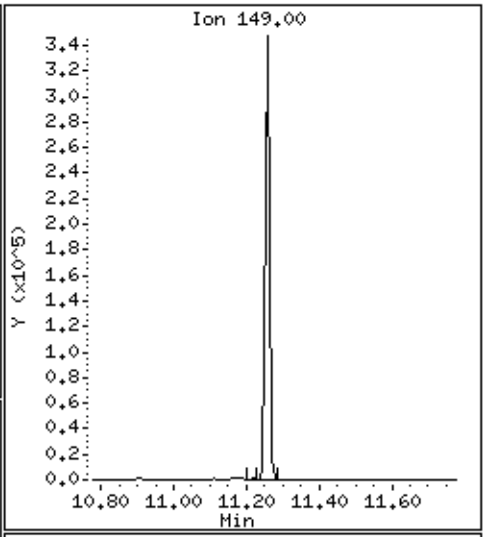
Column phase: HPMS-5

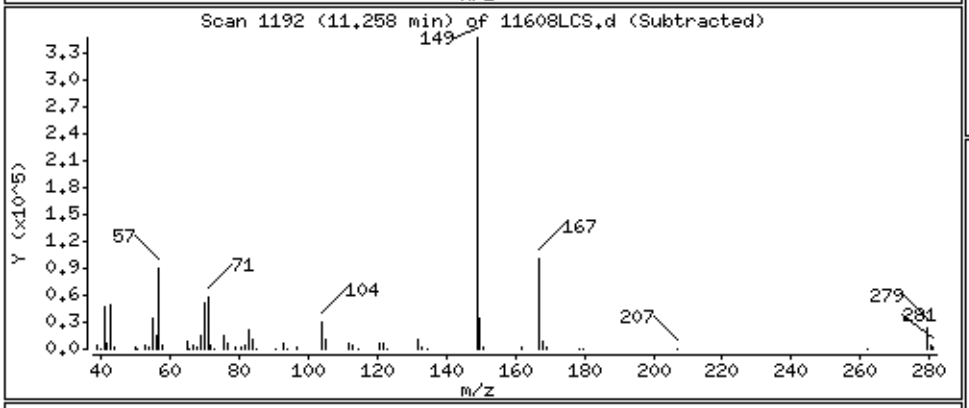
Column diameter: 0.25

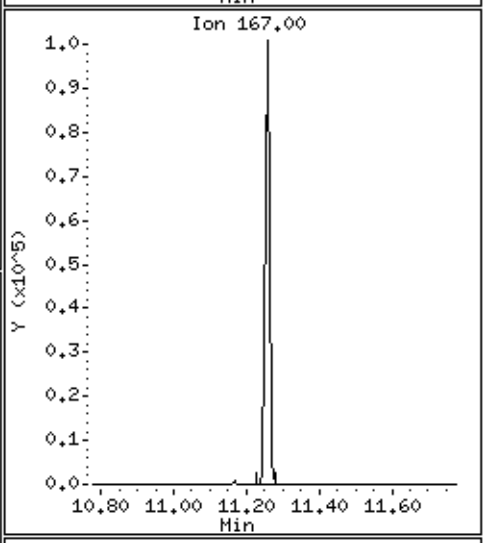
124 Bis-2-Ethylhexylphthalate

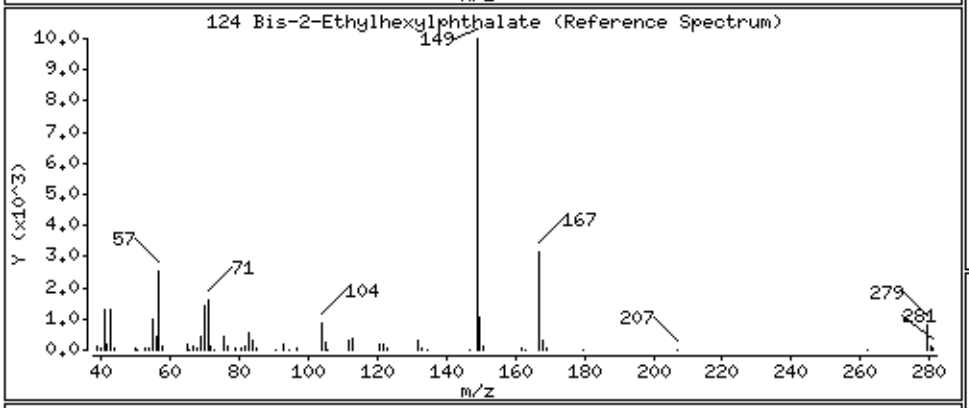
Concentration: 2000 ug/kg

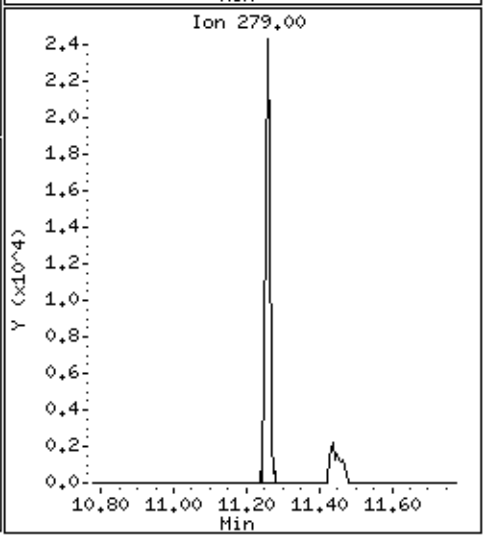


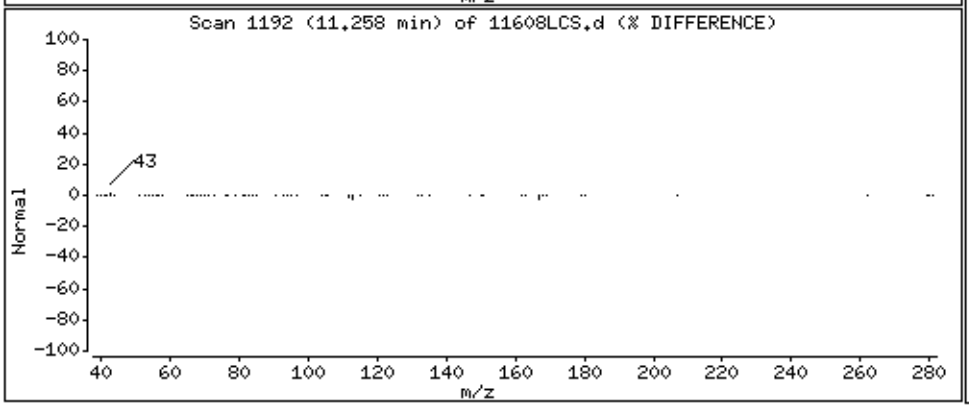












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

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Sample Info: SW154211LCS

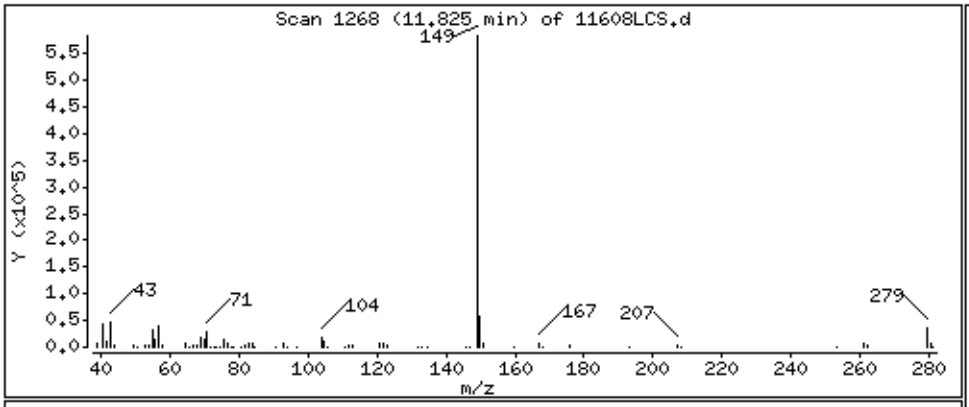
Operator: MJ

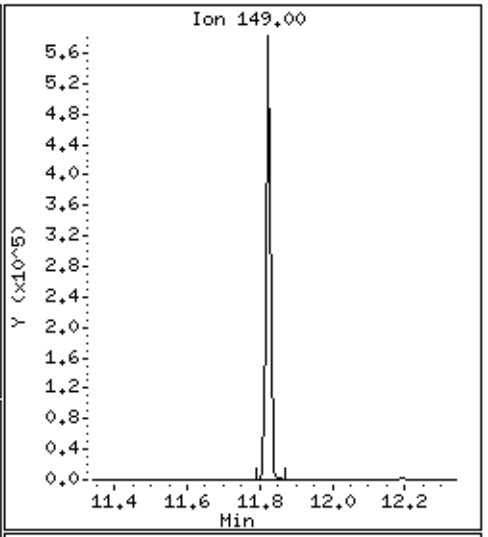
Column phase: HPMS-5

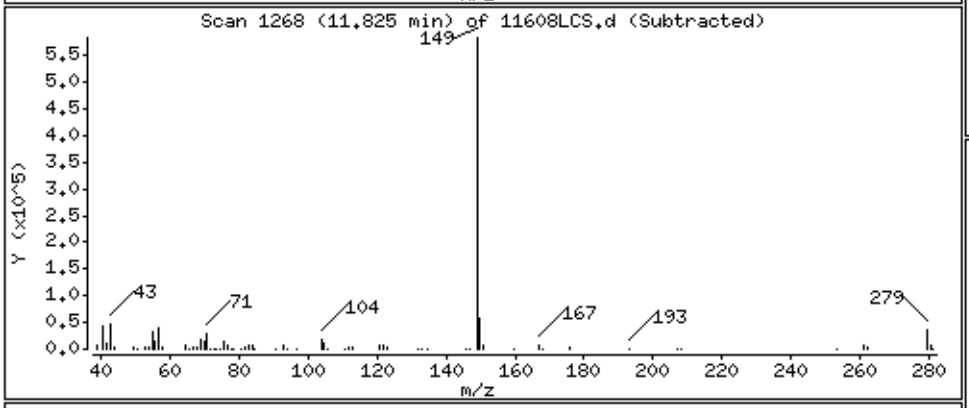
Column diameter: 0.25

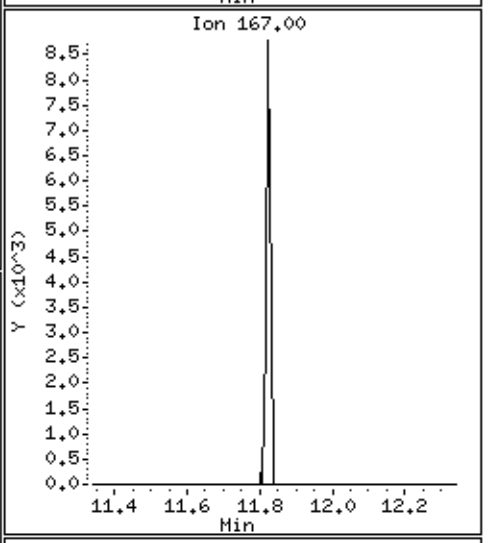
125 Di-n-octylphthalate

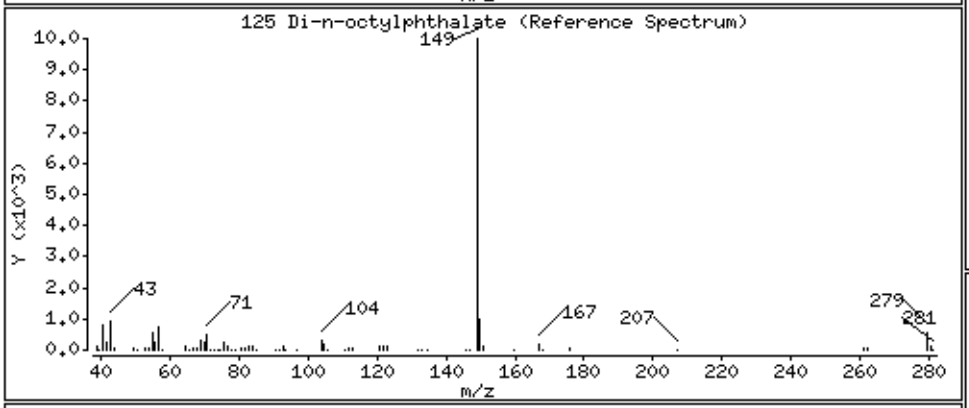
Concentration: 1810 ug/kg

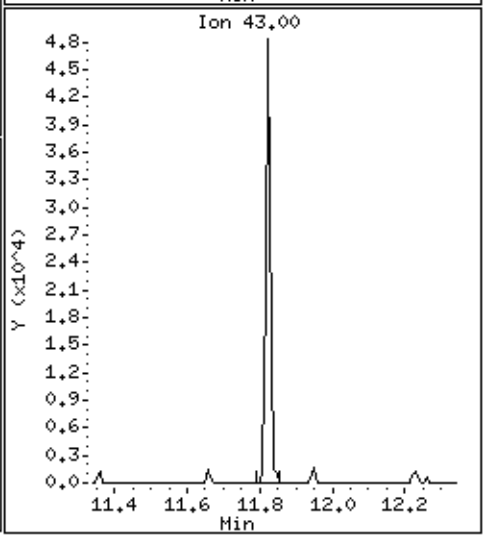


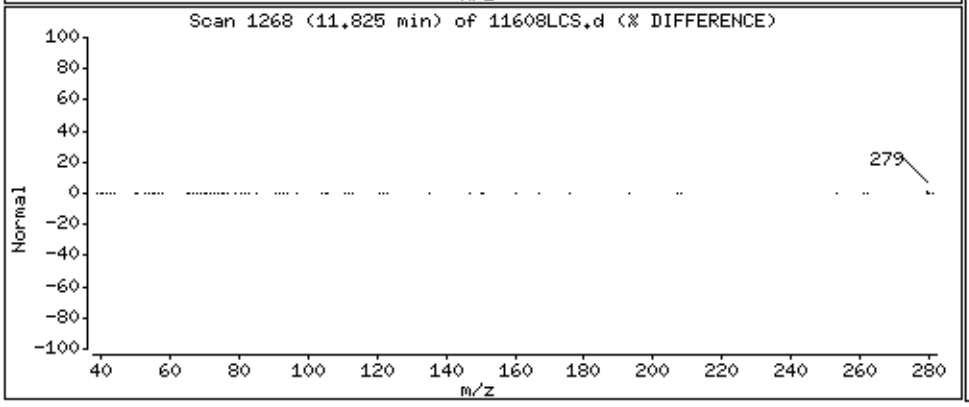












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Instrument: smsd04.i

Sample Info: SW154211LCS

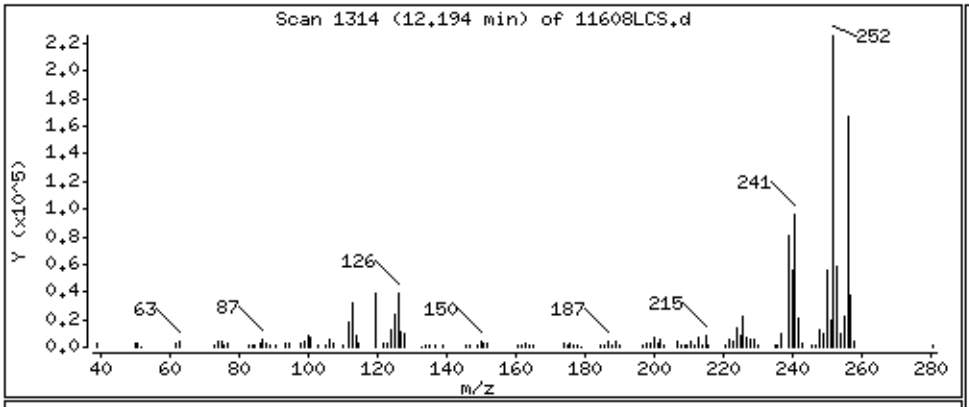
Operator: MJ

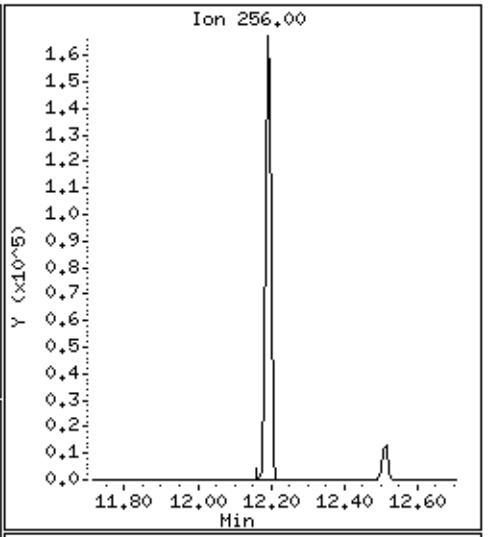
Column phase: HPMS-5

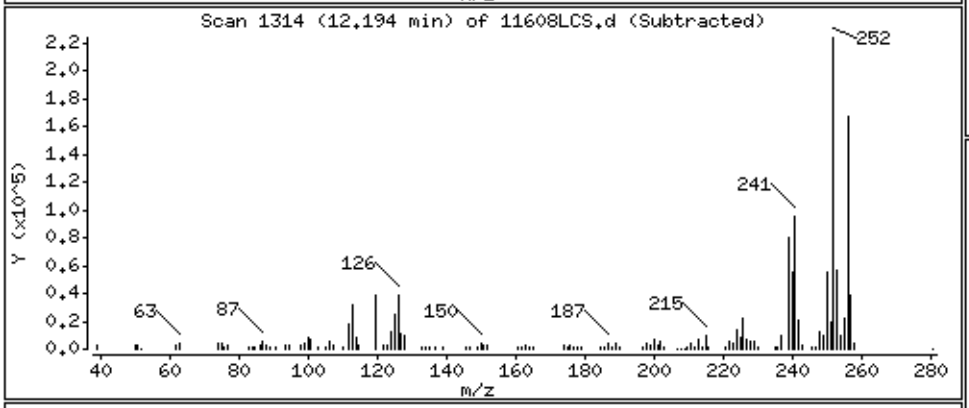
Column diameter: 0.25

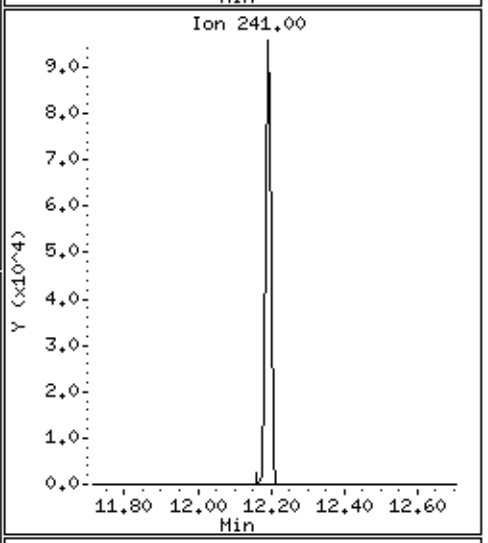
126 7,12-Dimethylbenz(a)anthracen

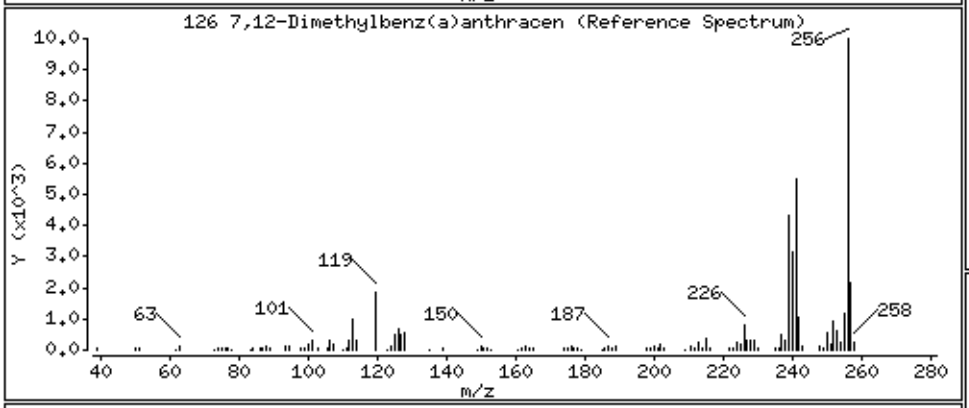
Concentration: 1850 ug/kg

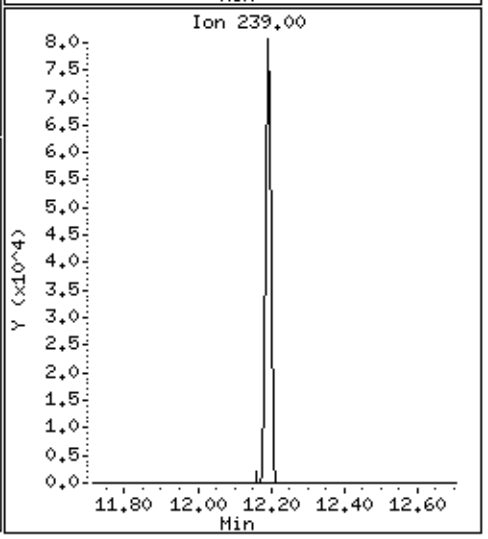


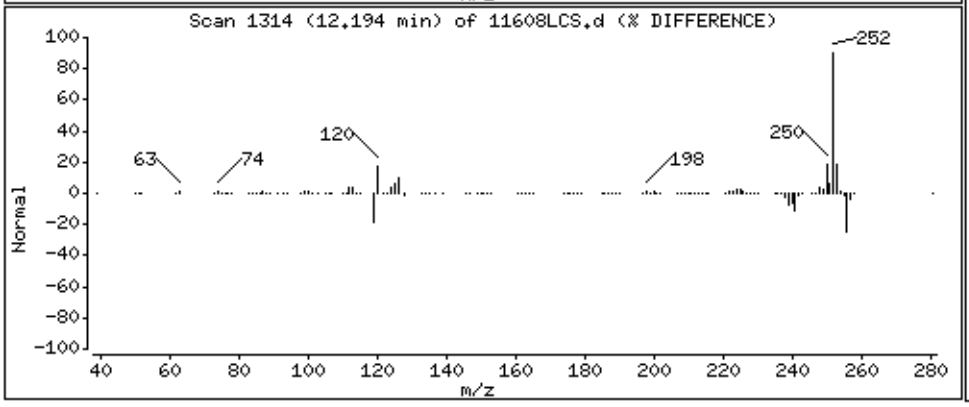












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

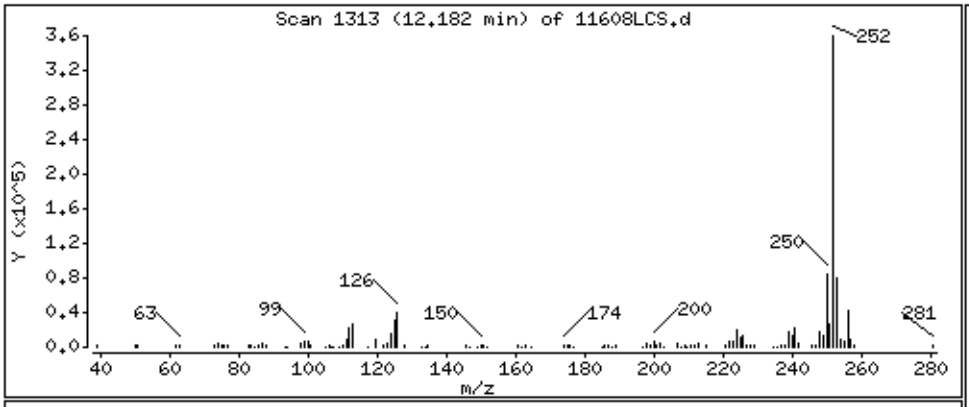
Operator: MJ

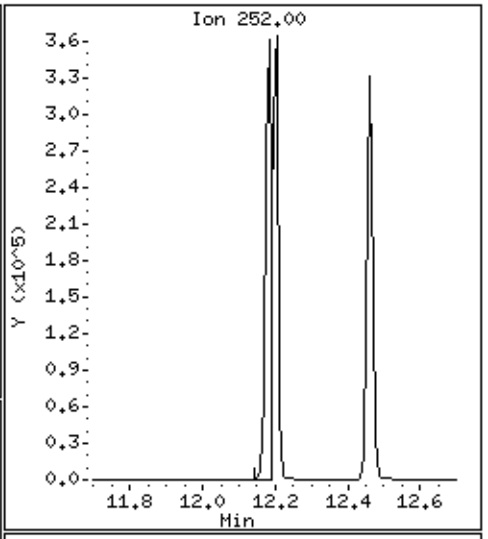
Column phase: HPMS-5

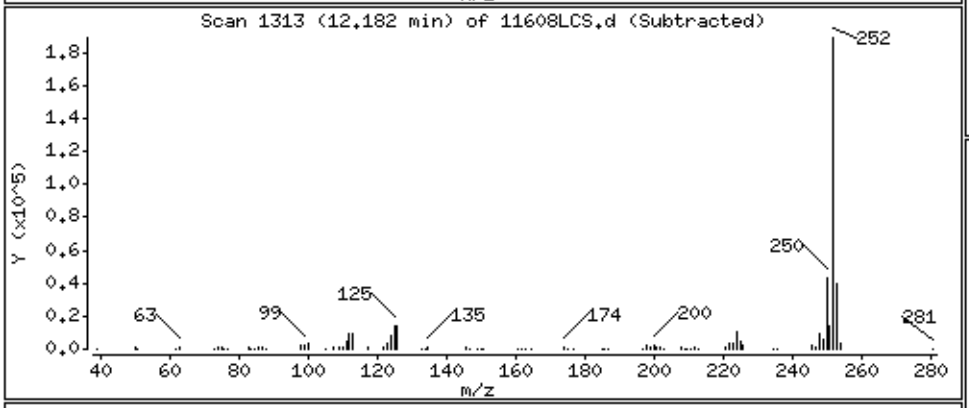
Column diameter: 0.25

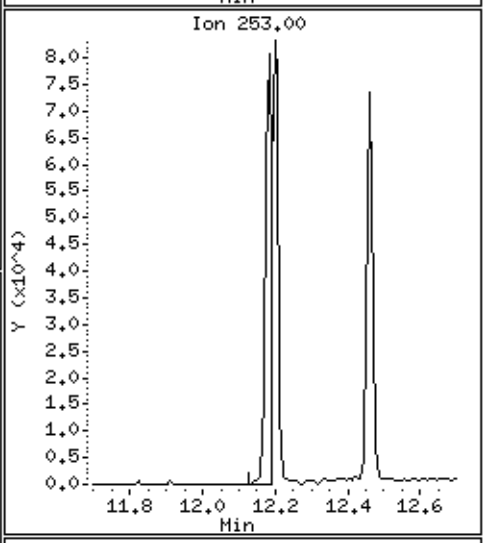
127 Benzo[b]fluoranthene

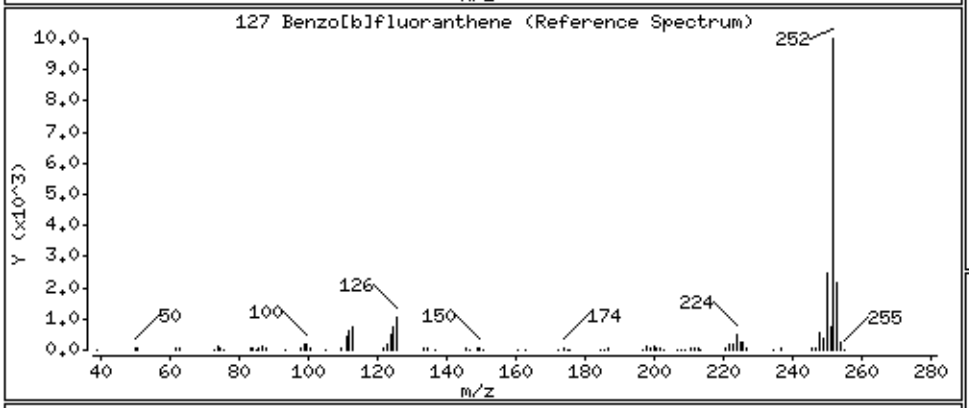
Concentration: 2140 ug/kg

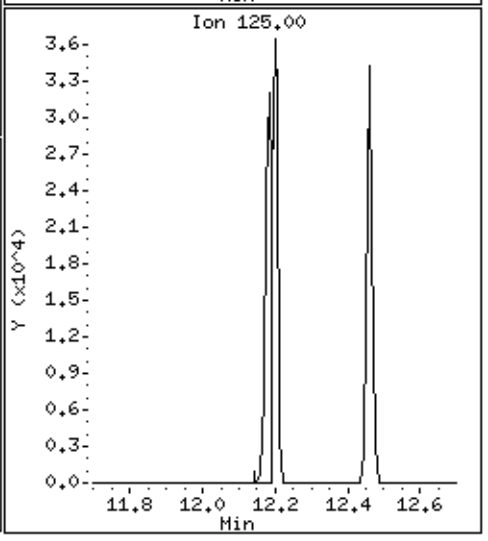


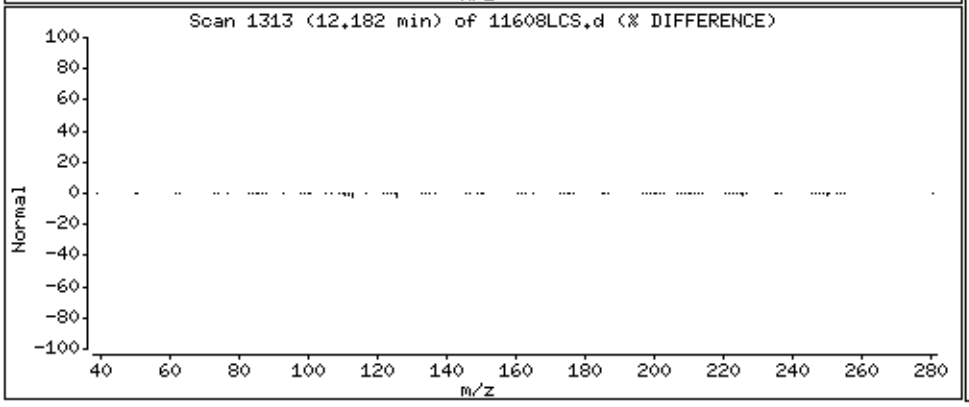












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

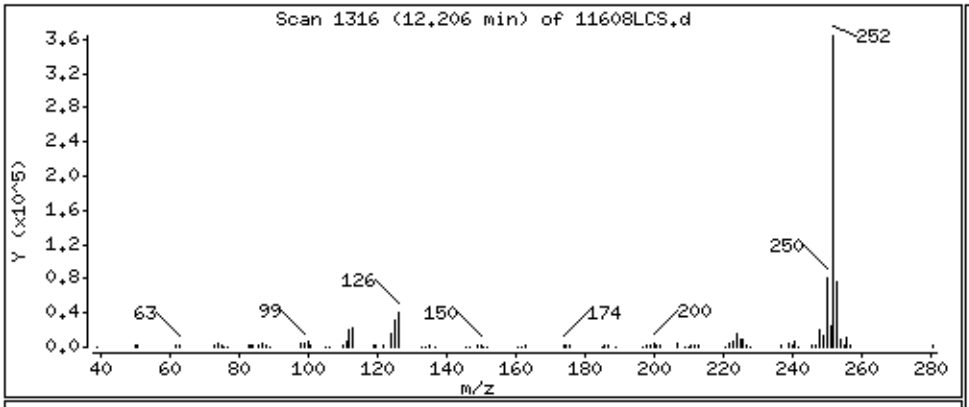
Operator: MJ

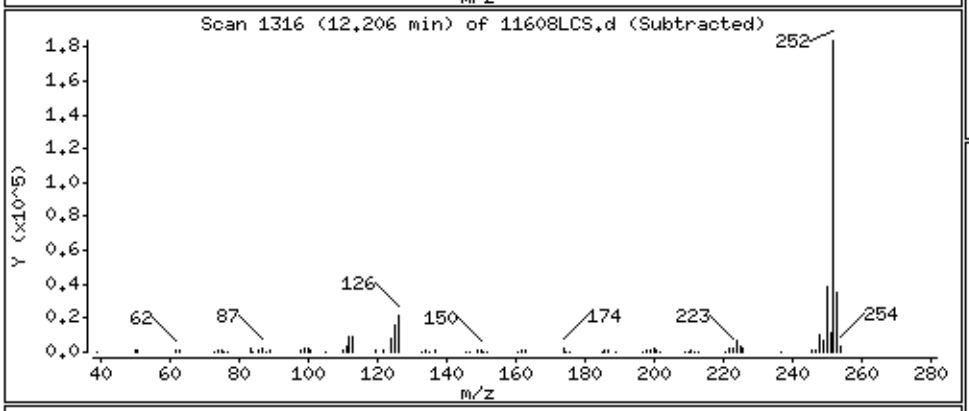
Column phase: HPMS-5

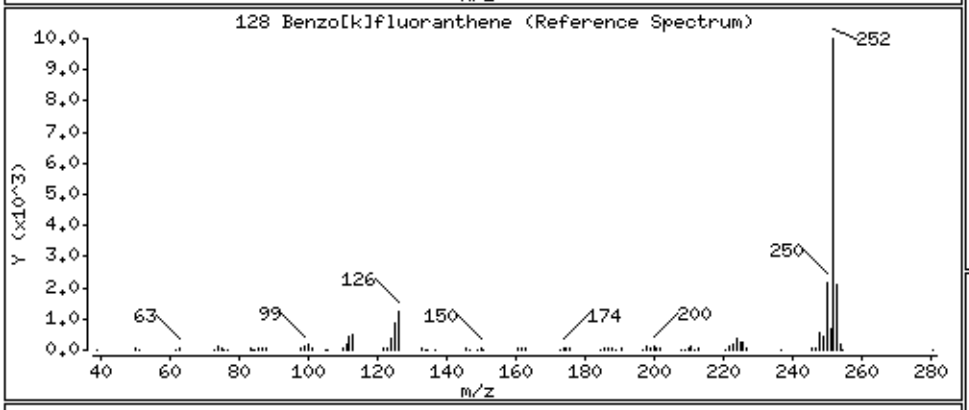
Column diameter: 0.25

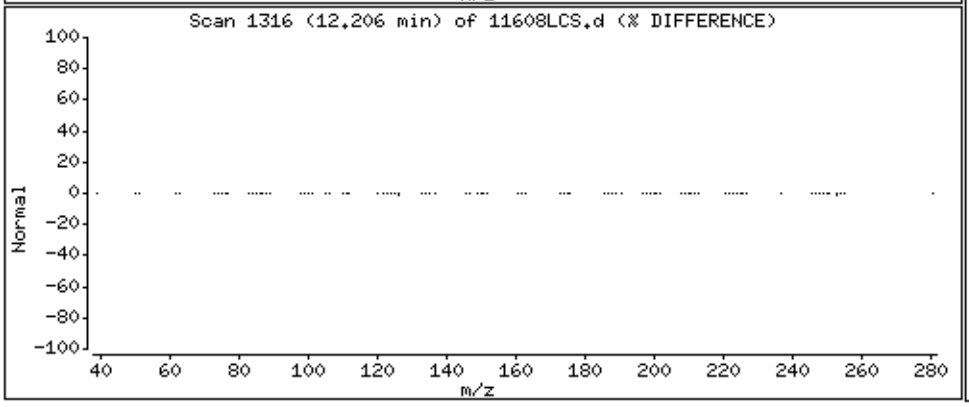
128 Benzo[k]fluoranthene

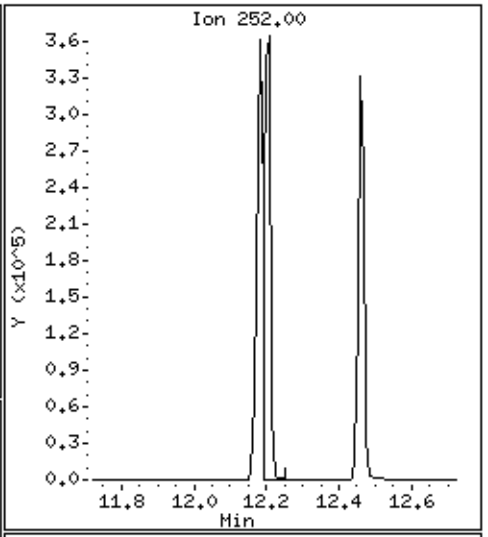
Concentration: 2050 ug/kg

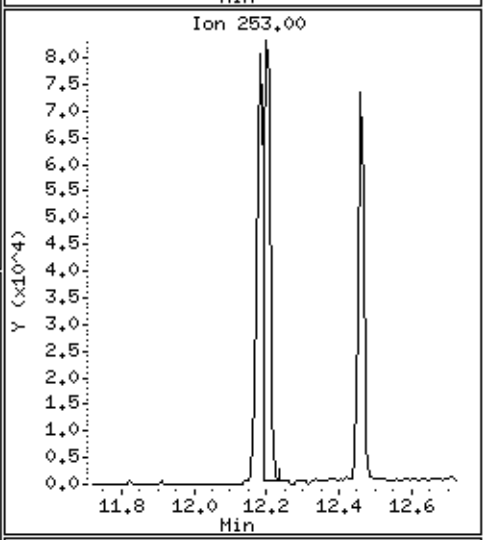


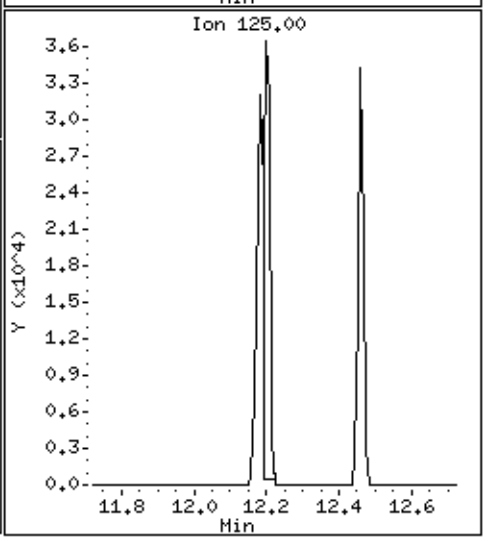












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

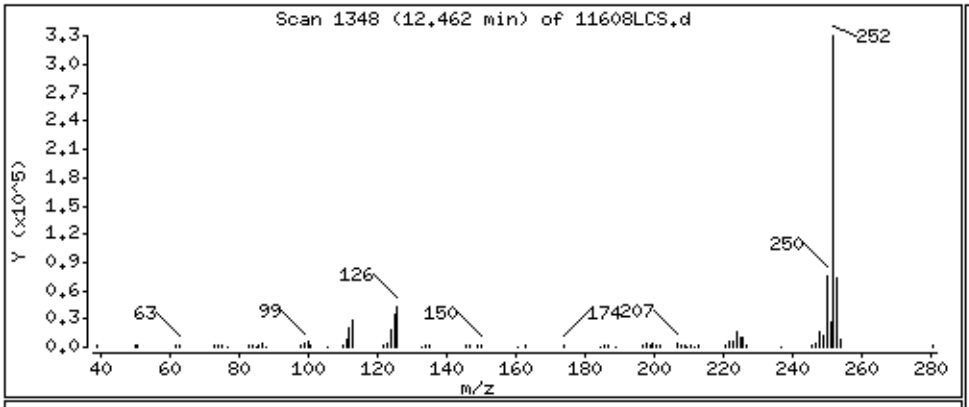
Operator: MJ

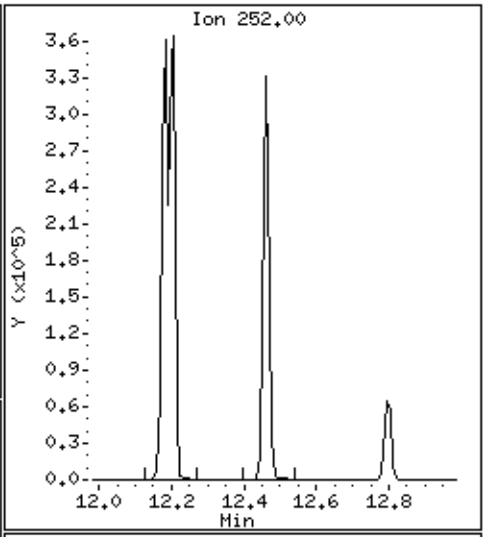
Column phase: HPMS-5

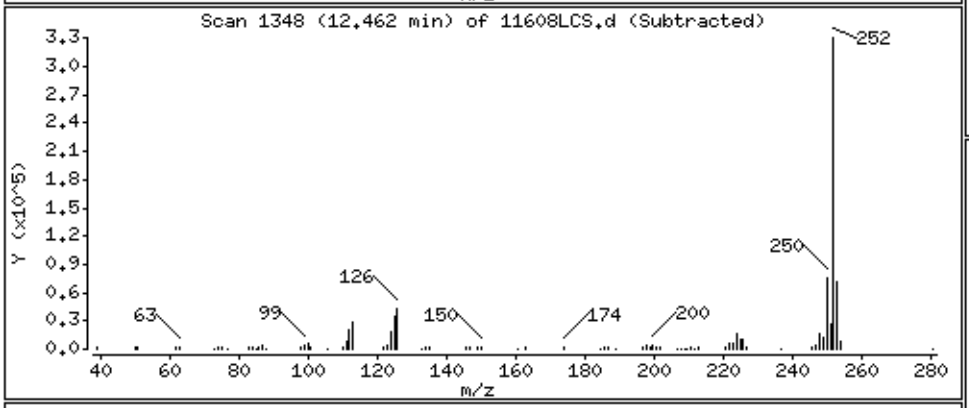
Column diameter: 0.25

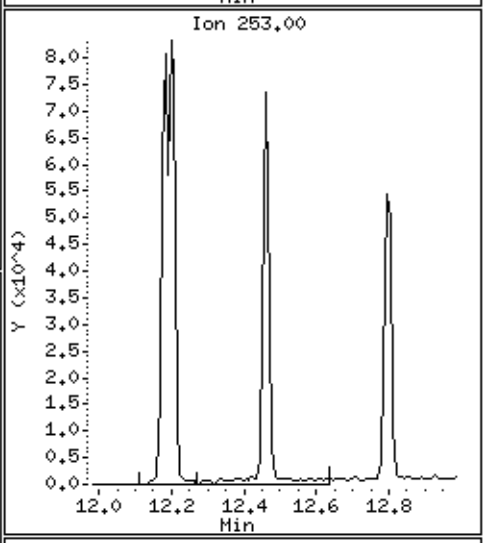
129 Benzo[a]pyrene

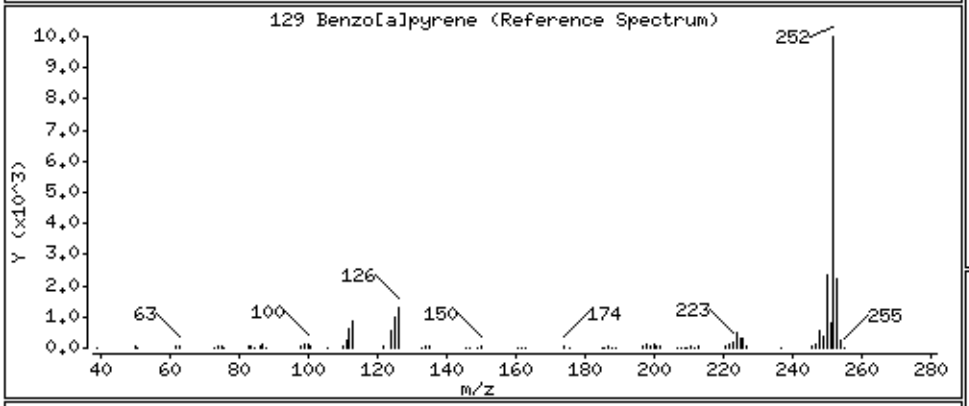
Concentration: 1960 ug/kg

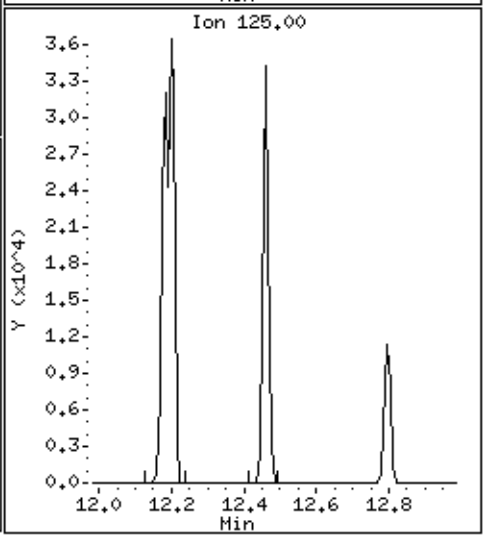


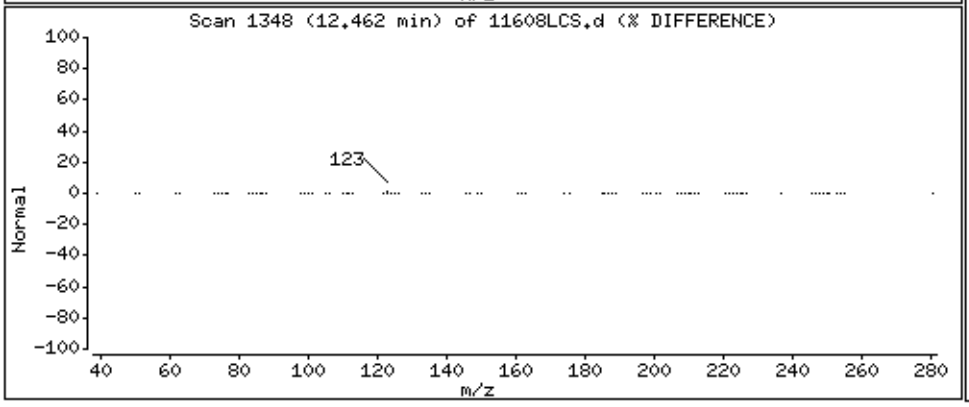












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

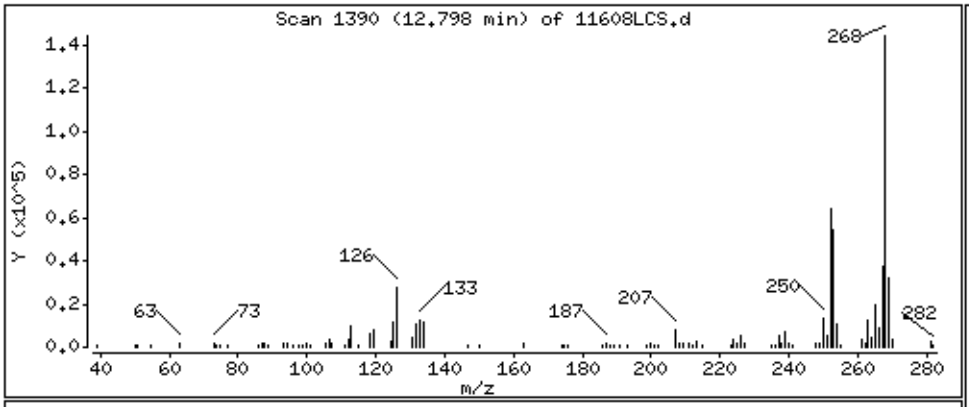
Operator: MJ

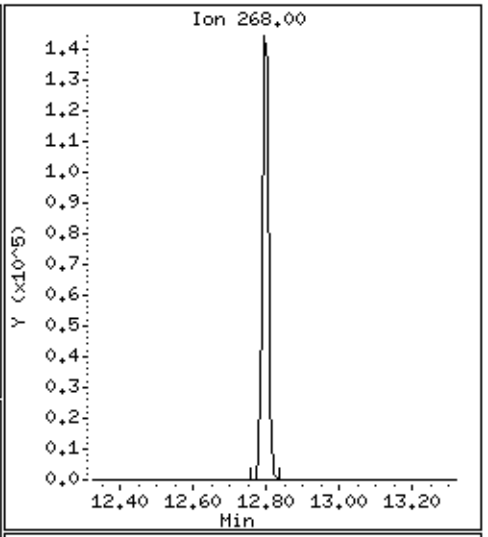
Column phase: HPMS-5

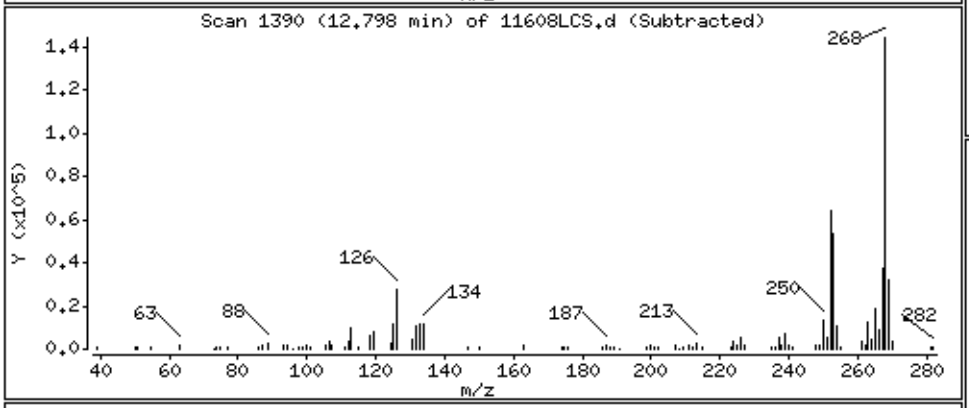
Column diameter: 0.25

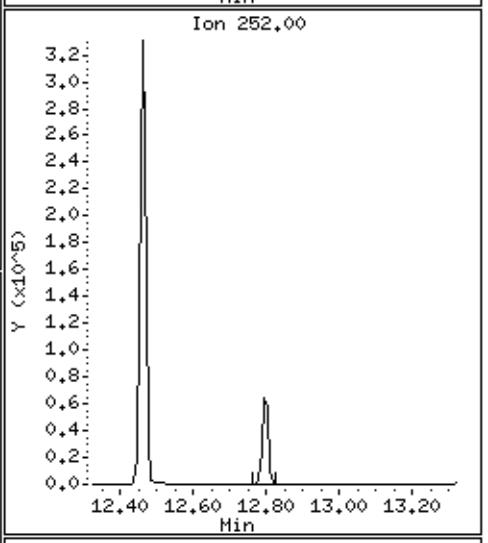
131 3-Methylcholanthrene

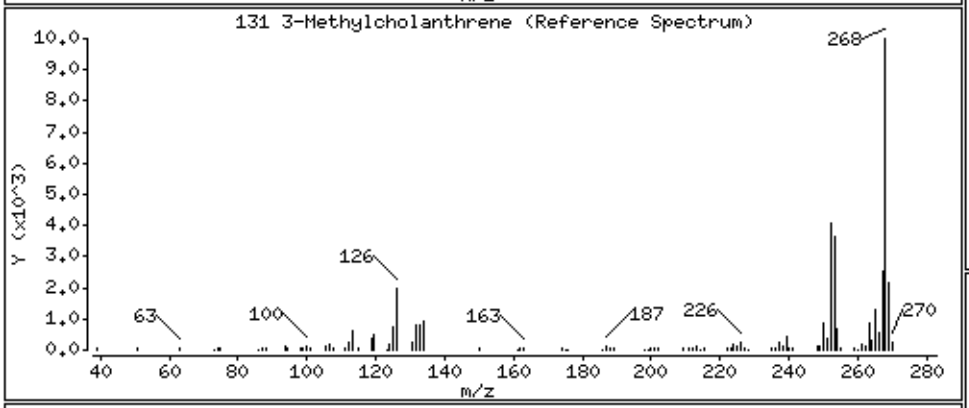
Concentration: 2530 ug/kg

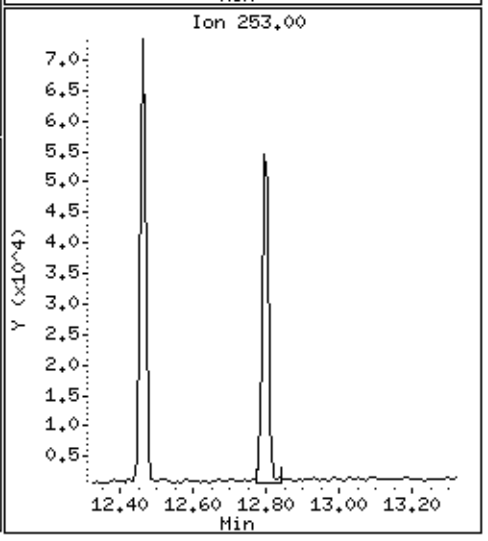


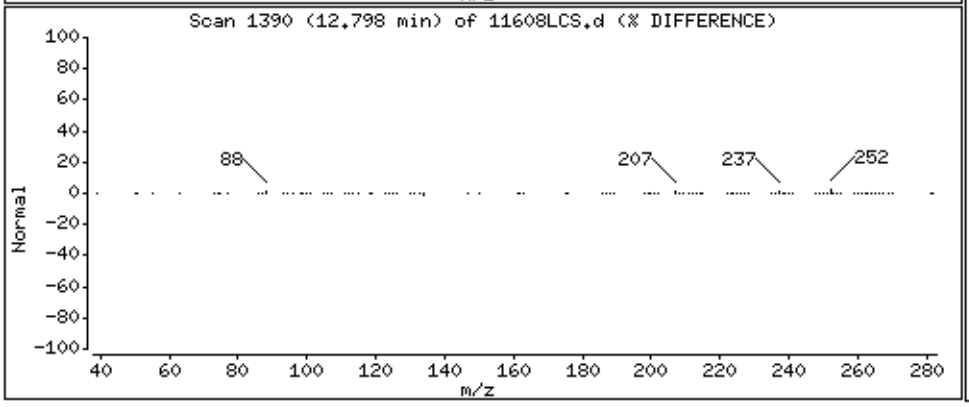












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

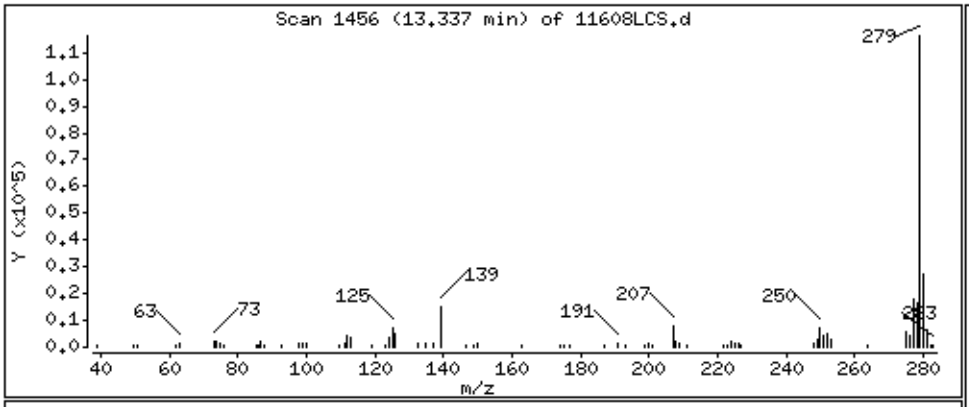
Operator: MJ

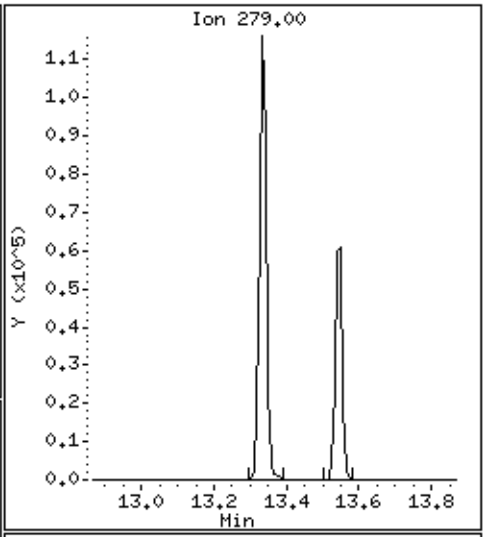
Column phase: HPMS-5

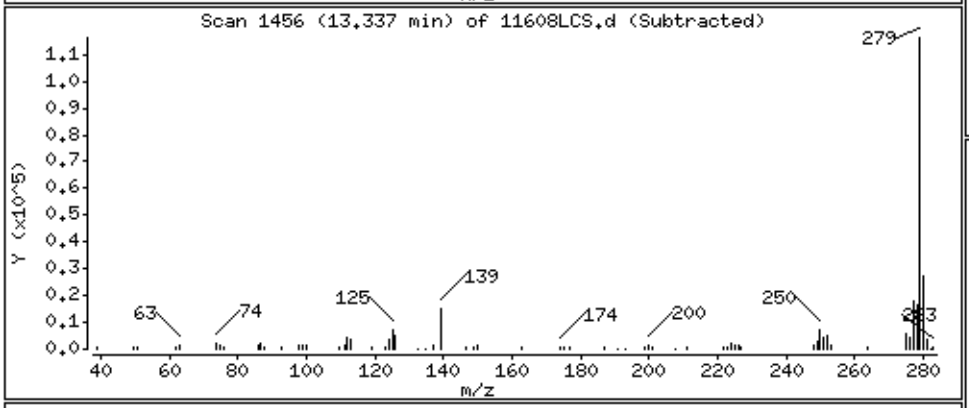
Column diameter: 0.25

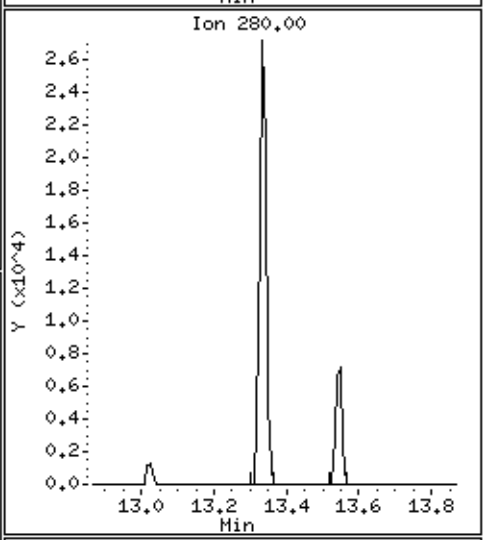
132 Dibenz(a,j)acridine

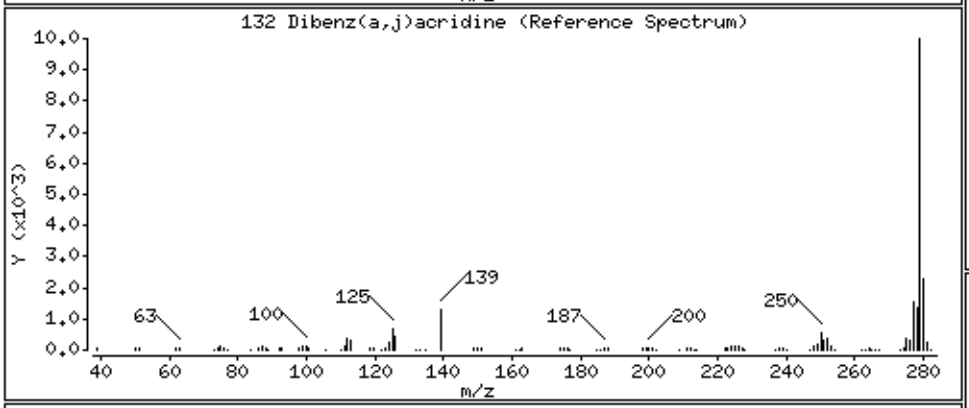
Concentration: 1010 ug/kg

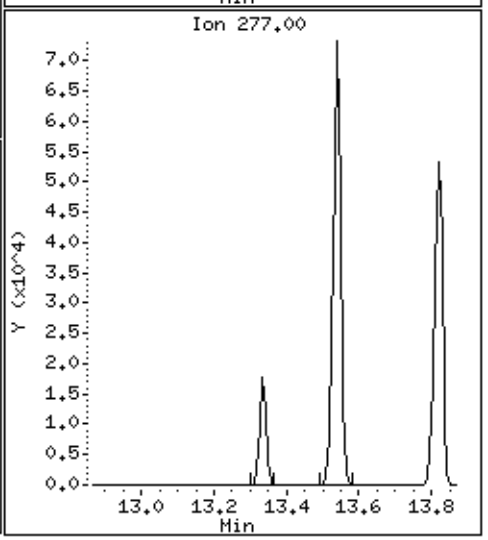


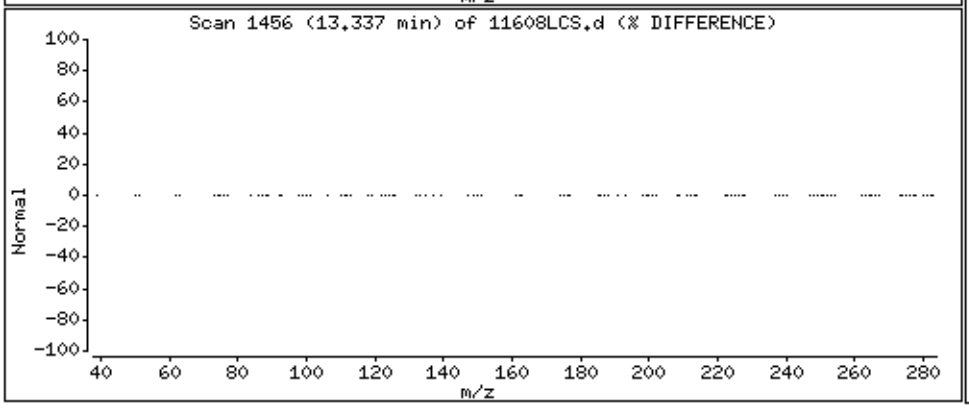












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

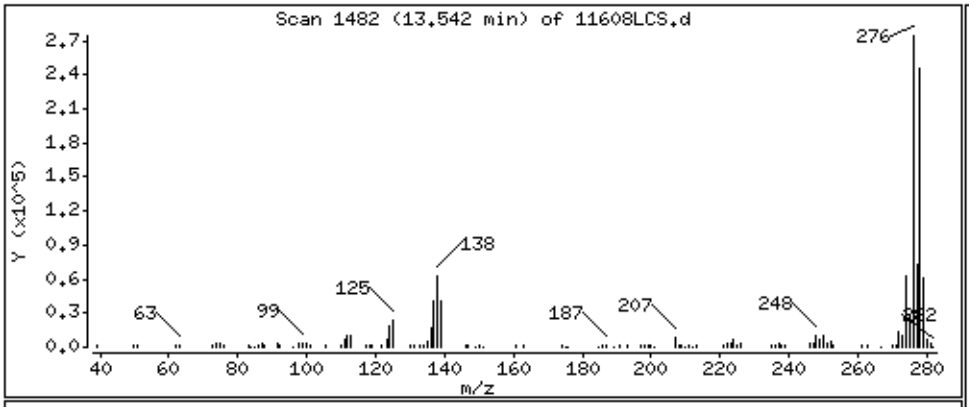
Operator: MJ

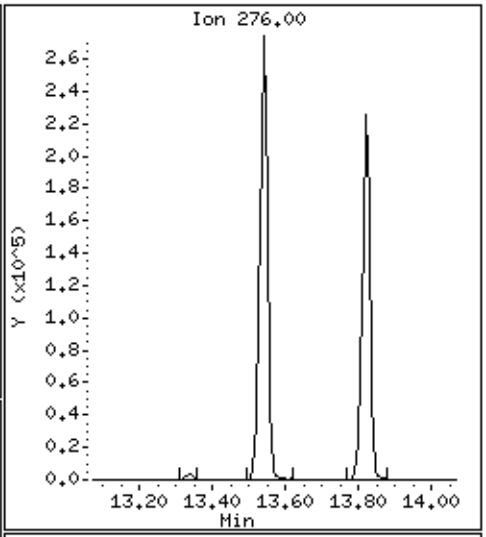
Column phase: HPMS-5

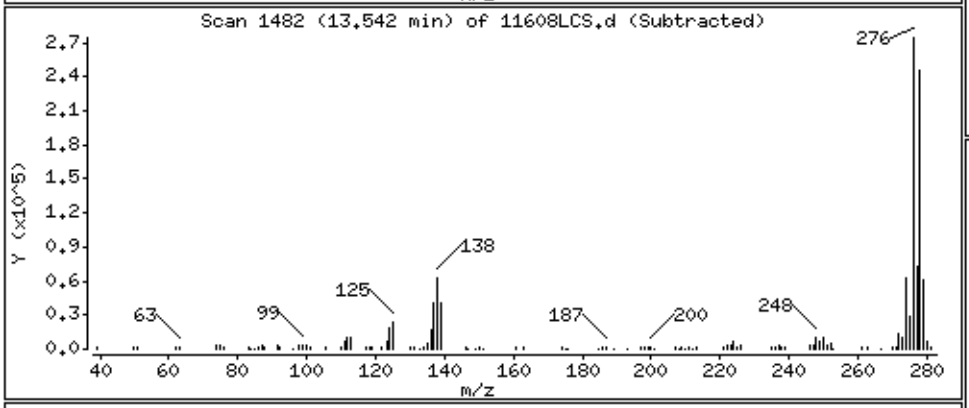
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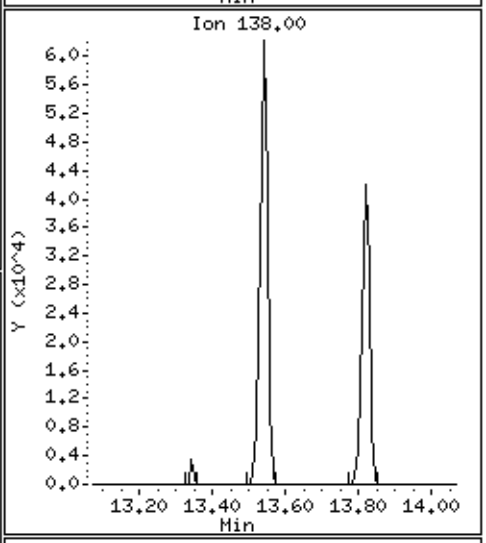
133 Indeno[1,2,3-cd]pyrene

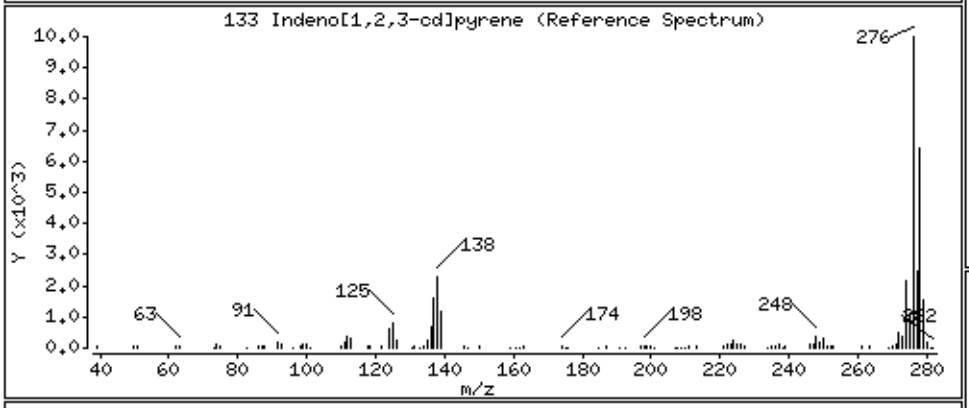
Concentration: 1930 ug/kg

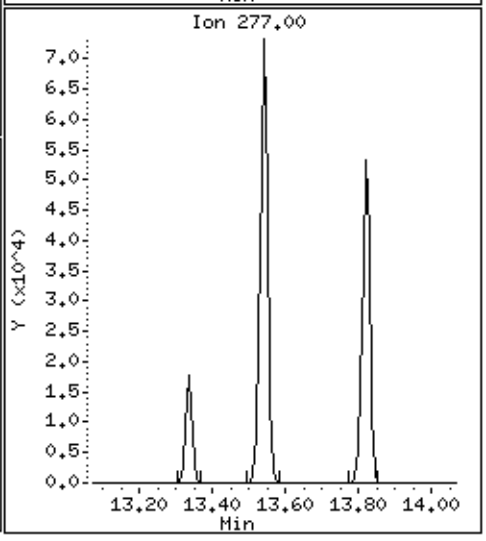


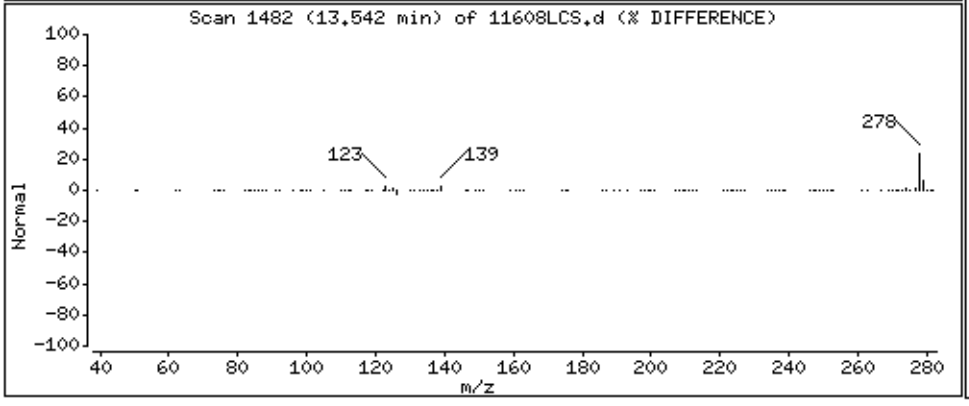












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

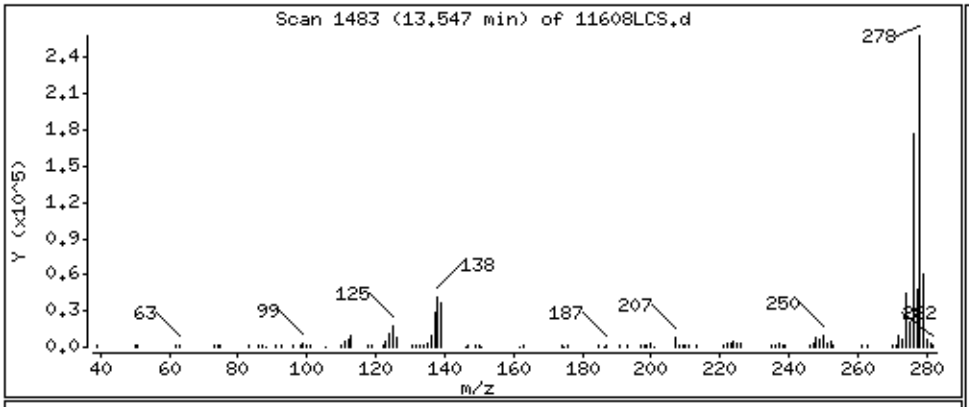
Operator: MJ

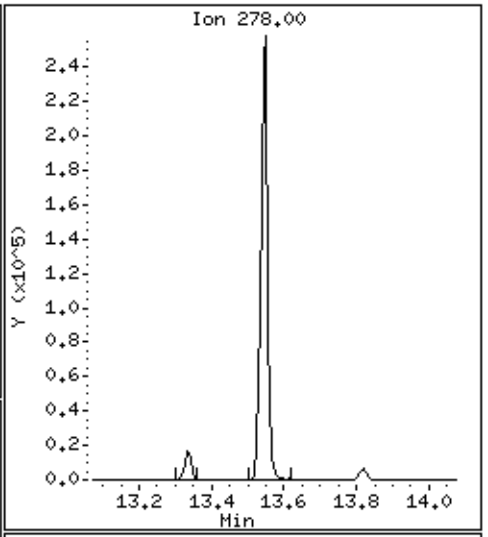
Column phase: HPMS-5

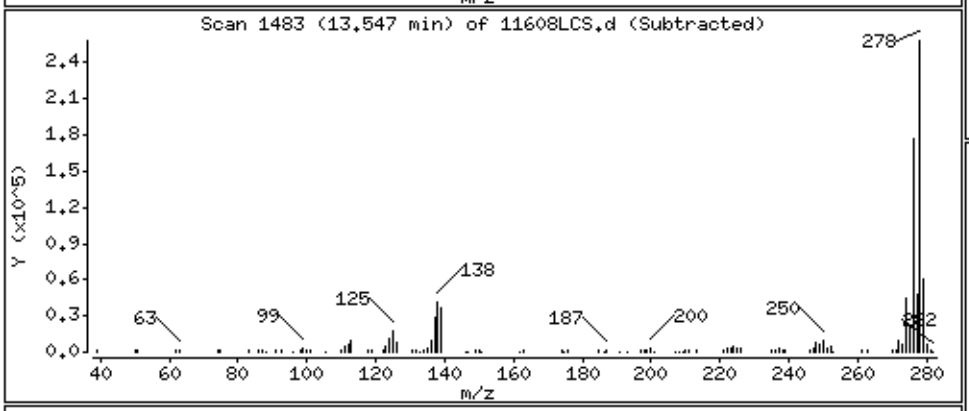
Column diameter: 0.25

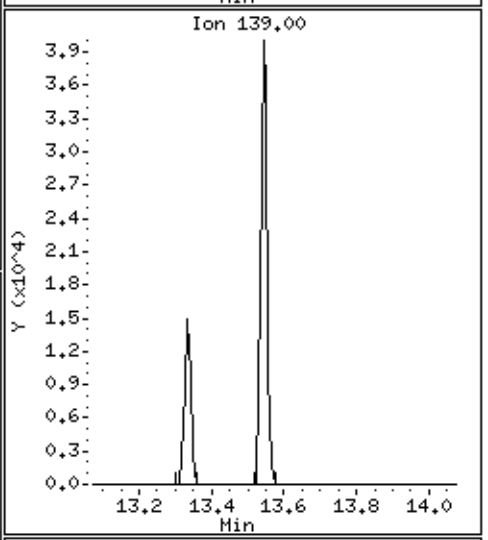
134 Dibenz[a,h]anthracene

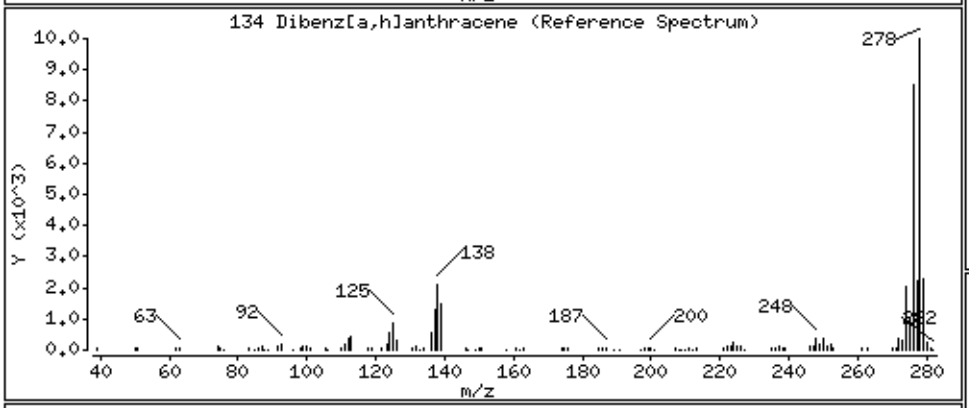
Concentration: 1930 ug/kg

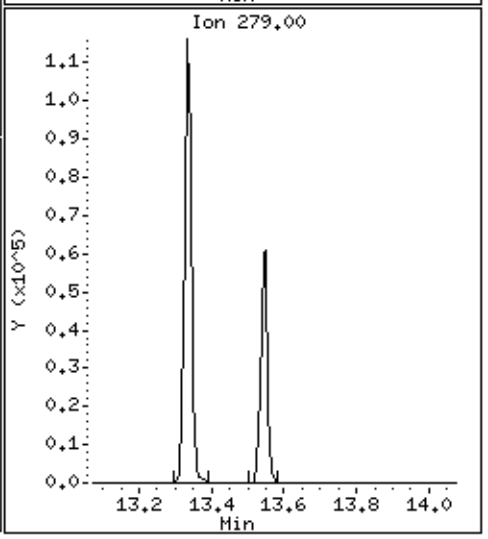


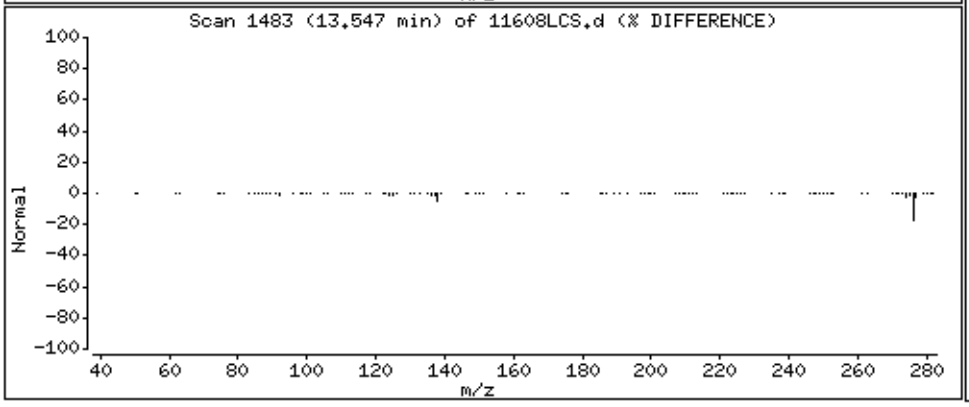












Data File: \\Svecd04\DD\chem\smsd04.i\S4112012.b\11608LCS.d

Date : 20-NOV-2012 18:42

Client ID: 154211LCS

Instrument: smsd04.i

Sample Info: SW154211LCS

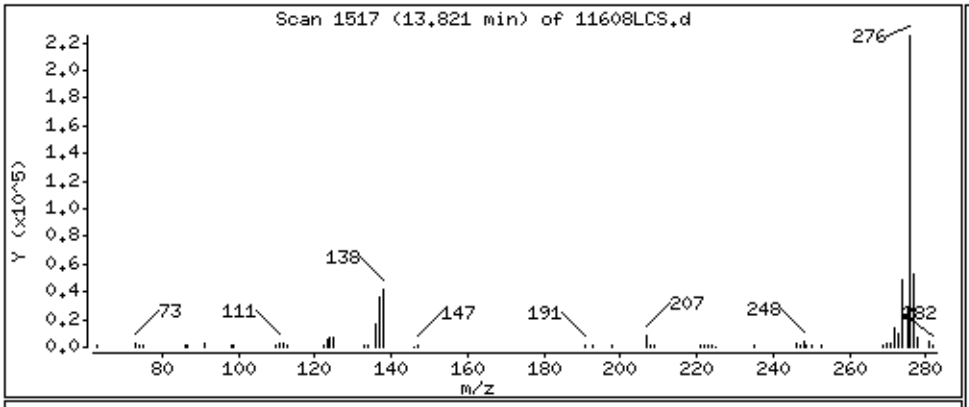
Operator: MJ

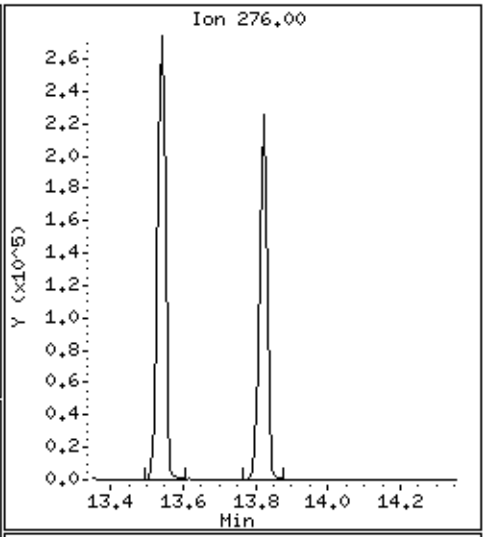
Column phase: HPMS-5

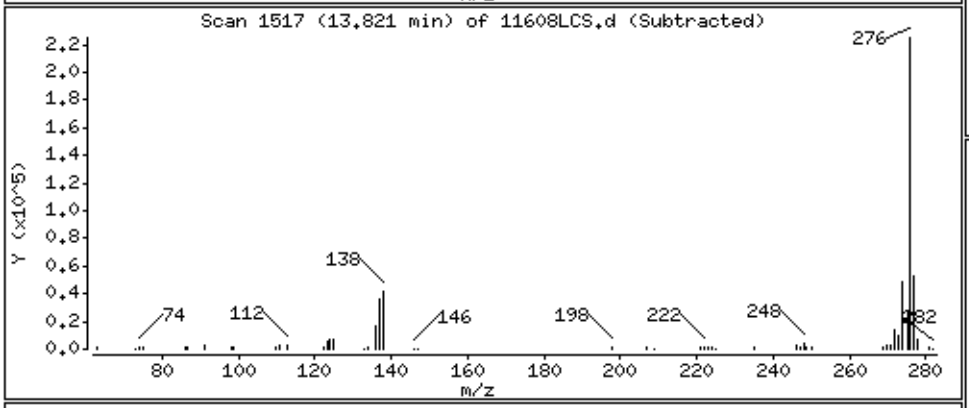
Column diameter: 0.25

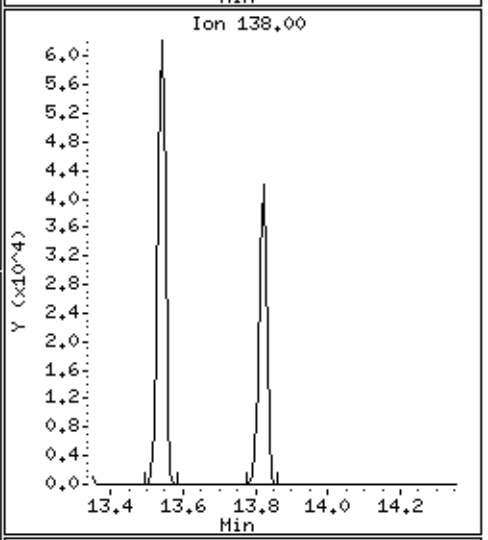
135 Benzo[g,h,i]perylene

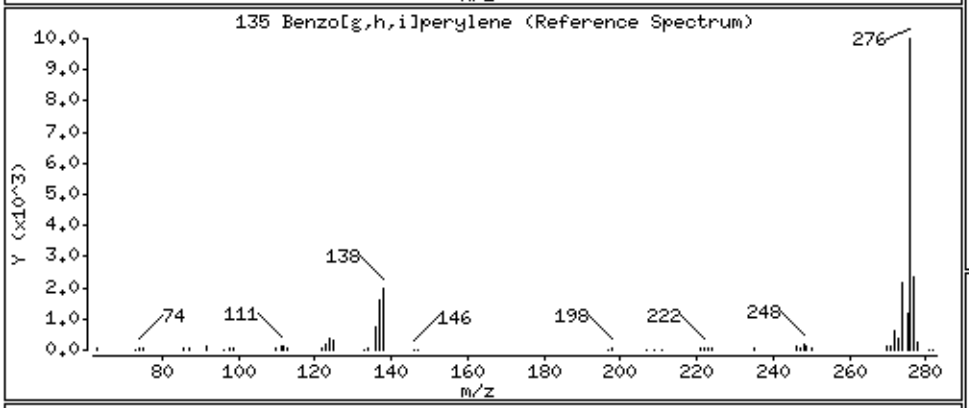
Concentration: 1990 ug/kg

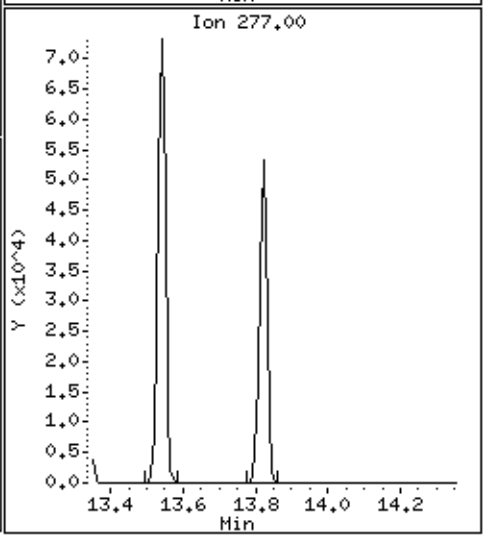


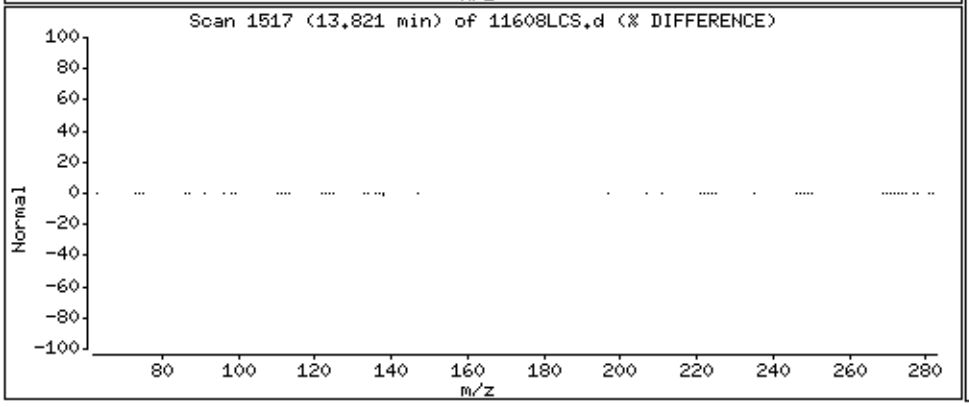












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\DFTPP2.d
Report Date: 29-Nov-2012 18:04

PEL Laboratories, Inc.

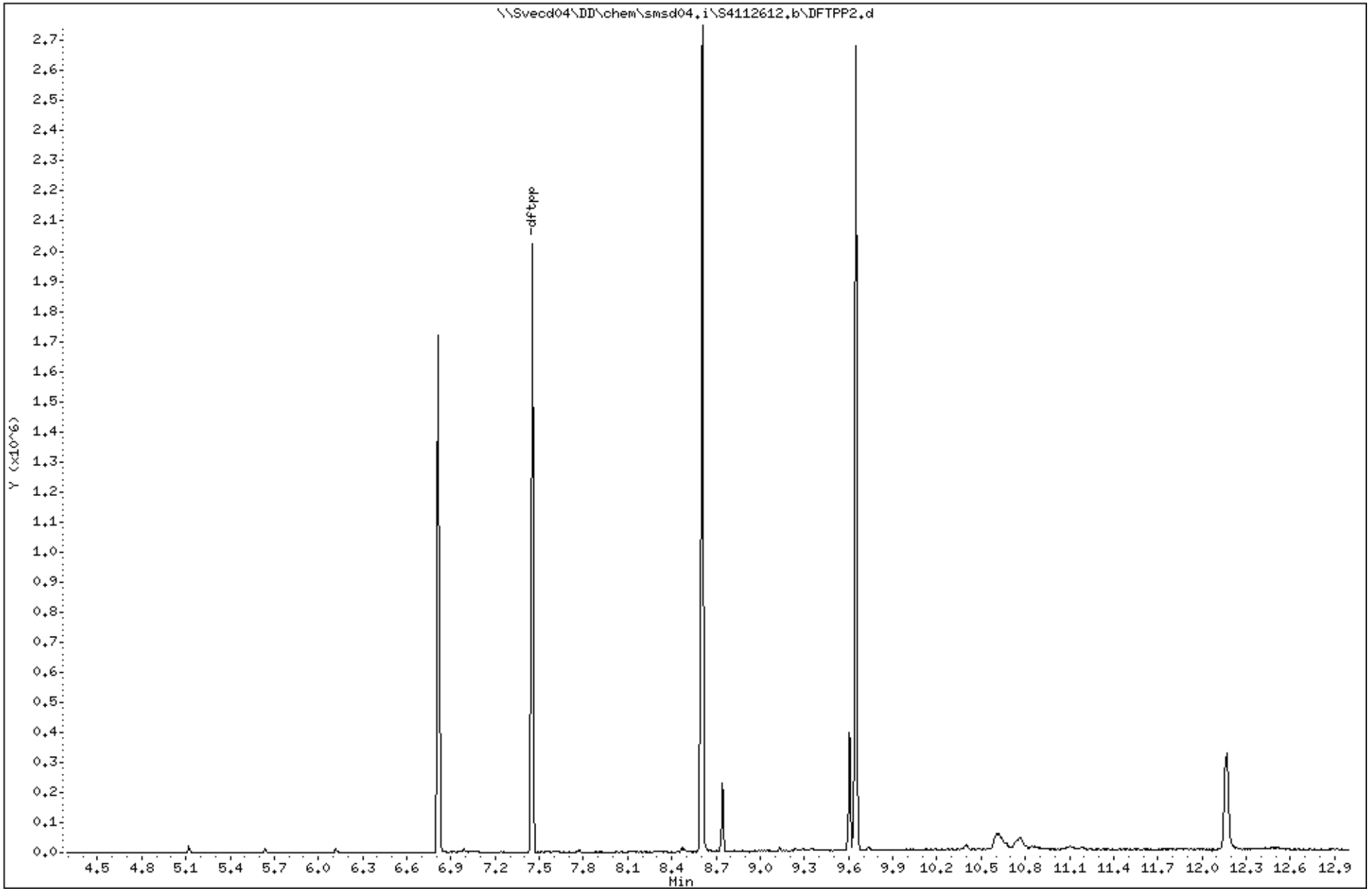
Data file : \\Svecd04\DD\chem\smsd04.i\S4112612.b\DFTPP2.d
Lab Smp Id: 47137 Client Smp ID: DFTPP2
Inj Date : 26-NOV-2012 16:26 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : 47137
Misc Info :
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112612.b\DoDTUN.m
Meth Date : 06-Aug-2012 11:47 Quant Type: ISTD
Cal Date : 23-MAR-2009 02:58 Cal File: AP9CAL1.D
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: WETCHEMDX500

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	1.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
7.453	7.410	(0.000)	198	176896			0.00- 100.00	100.00
7.453	7.410	(0.000)	51	74096			10.00- 80.00	41.89
7.453	7.410	(0.000)	68	0	0.0	0.0	0.00- 2.00	0.00
7.453	7.410	(0.000)	69	94128			0.00- 0.00	53.21
7.453	7.410	(0.000)	70	519			0.00- 2.00	0.55
7.453	7.410	(0.000)	127	83896			10.00- 80.00	47.43
7.453	7.410	(0.000)	197	0	0.0	0.0	0.00- 2.00	0.00
7.453	7.410	(0.000)	199	12302			5.00- 9.00	6.95
7.453	7.410	(0.000)	275	42936			10.00- 60.00	24.27
7.453	7.410	(0.000)	365	6137			1.00- 0.00	3.47
7.453	7.410	(0.000)	441	24272			0.01- 24.00	17.16
7.453	7.410	(0.000)	442	141440			50.00- 0.00	79.96
7.453	7.410	(0.000)	443	27768			15.00- 24.00	19.63

Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\DFTPP2.d
Date : 26-NOV-2012 16:26
Client ID: DFTPP2 Instrument: smsd04.i
Sample Info: 47137
Volume Injected (uL): 1.0 Operator: MJ
Column phase: Column diameter: 2.00



1942

3507616

Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\DFTPP2.d

Date : 26-NOV-2012 16:26

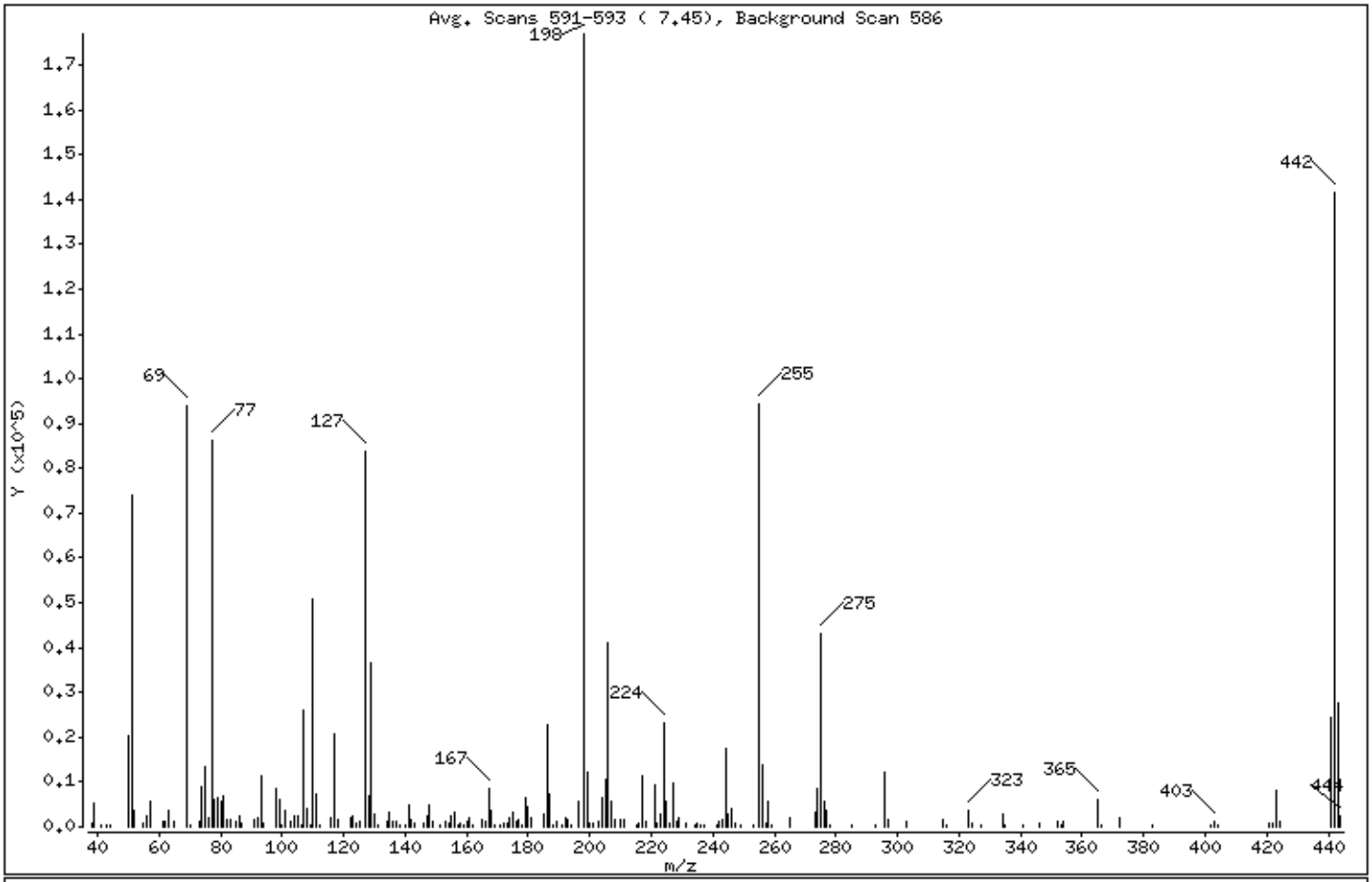
Client ID: DFTPP2 Instrument: smsd04.i

Sample Info: 47137

Volume Injected (uL): 1.0 Operator: MJ

Column phase: Column diameter: 2.00

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	41.89
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	53.21
70	Less than 2.00% of mass 69	0.29 (0.55)
127	10.00 - 80.00% of mass 198	47.43
197	Less than 2.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.95
275	10.00 - 60.00% of mass 198	24.27
365	Greater than 1.00% of mass 198	3.47
441	0.01 - 24.00% of mass 442	13.72 (17.16)
442	Greater than 50.00% of mass 198	79.96
443	15.00 - 24.00% of mass 442	15.70 (19.63)

Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\DFTPP2.d

Date : 26-NOV-2012 16:26

Client ID: DFTPP2 Instrument: smsd04.i

Sample Info: 47137

Volume Injected (uL): 1.0 Operator: MJ

Column phase: Column diameter: 2.00

Data File: DFTPP2.d
Spectrum: Avg. Scans 591-593 (7.45), Background Scan 586
Location of Maximum: 198.00
Number of points: 194

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	851	116.00	1872	179.00	6674	247.00	775
39.00	5425	117.00	20872	180.00	4413	249.00	272
41.00	504	118.00	1508	181.00	1880	253.00	567
43.00	225	122.00	1921	185.00	3046	255.00	94448
44.00	307	123.00	2572	186.00	22688	256.00	13647
50.00	20256	124.00	993	187.00	7234	257.00	813
51.00	74096	125.00	1295	188.00	319	258.00	5598
52.00	3712	127.00	83896	189.00	1406	259.00	590
55.00	630	128.00	6876	191.00	591	265.00	2229
56.00	2523	129.00	36432	192.00	2206	273.00	3099
57.00	5725	130.00	2929	193.00	1815	274.00	8716
61.00	1079	131.00	223	194.00	235	275.00	42936
62.00	1143	134.00	1209	196.00	5677	276.00	5666
63.00	3483	135.00	3155	198.00	176896	277.00	3641
65.00	1309	136.00	1024	199.00	12302	278.00	228
69.00	94128	137.00	1367	200.00	944	285.00	335
70.00	519	138.00	262	201.00	979	293.00	463
73.00	1169	140.00	282	203.00	1396	296.00	12286
74.00	8752	141.00	4727	204.00	6377	297.00	1827
75.00	13573	142.00	1464	205.00	10601	303.00	1350
76.00	1991	143.00	756	206.00	41248	315.00	1466
77.00	86072	146.00	683	207.00	5887	316.00	385
78.00	6047	147.00	2294	208.00	1625	323.00	3740
79.00	6642	148.00	4940	210.00	1473	324.00	699
80.00	5504	149.00	1057	211.00	1457	327.00	330
81.00	6920	151.00	249	215.00	283	334.00	2686
82.00	1622	153.00	1386	216.00	948	335.00	604
83.00	1536	154.00	920	217.00	11233	341.00	490
85.00	1155	155.00	2371	218.00	1342	346.00	940
86.00	2257	156.00	3418	221.00	9395	352.00	1155
87.00	935	157.00	557	222.00	933	353.00	496
91.00	1722	158.00	641	223.00	2849	354.00	1279
92.00	1874	159.00	256	224.00	23248	365.00	6137
93.00	11292	160.00	1298	225.00	5740	366.00	605
94.00	686	161.00	1934	226.00	931	372.00	1869

Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\DFTPP2.d

Date : 26-NOV-2012 16:26

Client ID: DFTPP2 Instrument: smsd04.i

Sample Info: 47137

Volume Injected (uL): 1.0 Operator: MJ

Column phase: Column diameter: 2.00

Data File: DFTPP2.d
Spectrum: Avg. Scans 591-593 (7.45), Background Scan 586
Location of Maximum: 198.00
Number of points: 194

m/z	Y	m/z	Y	m/z	Y	m/z	Y
98.00	8603	162.00	519	227.00	9634	383.00	301
99.00	6015	165.00	1473	228.00	1248	402.00	522
100.00	225	166.00	1410	229.00	1852	403.00	1233
101.00	3577	167.00	8347	231.00	617	404.00	226
103.00	1229	168.00	3467	234.00	504	421.00	764
104.00	2504	169.00	537	235.00	652	422.00	952
105.00	2269	171.00	256	236.00	485	423.00	8136
106.00	332	172.00	819	237.00	536	424.00	1410
107.00	26096	173.00	976	241.00	509	441.00	24272
108.00	4131	174.00	1959	242.00	1262	442.00	141440
109.00	483	175.00	3076	243.00	1433	443.00	27768
110.00	51016	176.00	1133	244.00	17304	444.00	2383
111.00	7467	177.00	1687	245.00	2652		
112.00	545	178.00	562	246.00	4041		

DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/26/2012 16:41

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S4112612.b/DFTPP2.d
DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/28/2012 10:30

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S4112612.b/DFTPP2.d
DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/28/2012 10:34

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S4112612.b/DFTPP2.d
DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/28/2012 12:31

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S4112612.b/DFTPP2.d
DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/29/2012 18:04

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S4112612.b/DFTPP2.d

PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d
Lab Smp Id: 47766 Client Smp ID: 8270CAL4
Inj Date : 26-NOV-2012 17:04 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : 47766
Misc Info :
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270bcs.m
Meth Date : 29-Nov-2012 11:15 smsd04.i Quant Type: ISTD
Cal Date : 15-NOV-2012 09:25 Cal File: AP9CAL7.d
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: 8270caln.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * (1/(Vo/1000))*Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1000.000	Volume of sample extracted (mL)
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

					AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
	2 Pyridine					CAS #: 110-86-1		
2.222	2.222 (0.519)	79	136512	45.0000		45.5	80.00- 120.00	100.00
2.222	2.222 (0.519)	52	87369				34.00- 94.00	64.00
M	16 Cresols (Total)					CAS #: 1319-77-3		
			232828	90.0000				(a)
	1 N-Nitrosodimethylamine					CAS #: 62-75-9		
2.212	2.212 (0.516)	42	58120	45.0000		43.5	80.00- 120.00	100.00
2.212	2.212 (0.517)	74	76971				102.43- 162.43	132.43
2.212	2.212 (0.517)	44	2977				0.00- 35.12	5.12
$	6 2-Fluorophenol (SURR)					CAS #: 367-12-4		
3.236	3.236 (0.756)	112	237088	90.0000		90.3	80.00- 120.00	100.00
3.236	3.236 (0.756)	64	144392				30.90- 90.90	60.90
$	11 Phenol-d5 (SURR)					CAS #: 4165-62-2		
3.993	3.993 (0.932)	99	293053	90.0000		88.2	80.00- 120.00	100.00
3.993	3.993 (0.932)	42	57842				0.00- 49.74	19.74
3.993	3.993 (0.932)	71	123753				12.23- 72.23	42.23
	13 Phenol					CAS #: 108-95-2		
4.004	4.004 (0.935)	94	172798	45.0000		45.8	80.00- 120.00	100.00

					AMOUNTS			
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
	13 Phenol (continued)							
4.004	4.004	(0.935)	65	51859			0.01- 60.01	30.01
4.003	4.003	(0.934)	66	91618			23.02- 83.02	53.02
	10 Aniline					CAS #: 62-53-3		
4.032	4.032	(0.941)	93	169651	45.0000	44.9	80.00- 120.00	100.00
4.032	4.032	(0.941)	65	36672			0.00- 51.62	21.62
4.032	4.032	(0.941)	66	69845			11.17- 71.17	41.17
	14 Bis(2-Chloroethyl)ether					CAS #: 111-44-4		
4.079	4.079	(0.952)	93	117791	45.0000	45.2	80.00- 120.00	100.00
4.079	4.079	(0.952)	63	85545			42.62- 102.62	72.62
4.079	4.079	(0.952)	95	39166			3.25- 63.25	33.25
	15 2-Chlorophenol					CAS #: 95-57-8		
4.128	4.128	(0.964)	128	116337	45.0000	45.5	80.00- 120.00	100.00
4.128	4.128	(0.964)	64	61018			22.45- 82.45	52.45
4.129	4.129	(0.964)	130	37570			2.29- 62.29	32.29
	17 1,3-Dichlorobenzene					CAS #: 541-73-1		
4.253	4.253	(0.993)	146	137058	45.0000	44.8	80.00- 120.00	100.00
4.253	4.253	(0.993)	148	90960			36.37- 96.37	66.37
4.253	4.253	(0.993)	111	62858			15.86- 75.86	45.86
*	18 1,4-Dichlorobenzene-d4					CAS #: 3855-82-1		
4.283	4.282	(1.000)	152	82433	40.0000		80.00- 120.00	100.00
4.283	4.282	(1.000)	115	51833			33.16- 93.16	62.88
4.284	4.282	(1.000)	150	157568			129.12- 189.12	191.15
	19 1,4-Dichlorobenzene					CAS #: 106-46-7		
4.297	4.297	(1.003)	146	144967	45.0000	45.8	80.00- 120.00	100.00
4.297	4.297	(1.003)	148	90797			32.63- 92.63	62.63
4.297	4.297	(1.003)	111	62337			13.00- 73.00	43.00
	21 Benzyl alcohol					CAS #: 100-51-6		
4.416	4.416	(1.031)	108	76529	45.0000	45.8	80.00- 120.00	100.00
4.415	4.415	(1.031)	79	121947			129.35- 189.35	159.35
4.415	4.415	(1.031)	77	80877			75.68- 135.68	105.68
	20 1,2-Dichlorobenzene					CAS #: 95-50-1		
4.465	4.465	(1.042)	146	135282	45.0000	46.0	80.00- 120.00	100.00
4.466	4.466	(1.043)	148	83313			31.58- 91.58	61.58
4.465	4.465	(1.042)	111	59893			14.27- 74.27	44.27
	22 2-Methylphenol					CAS #: 95-48-7		
4.525	4.525	(1.056)	107	93341	45.0000	44.7	80.00- 120.00	100.00
4.525	4.525	(1.056)	108	105548			83.08- 143.08	113.08
4.525	4.525	(1.056)	79	52932			26.71- 86.71	56.71
	23 2,2'-oxybis(1-chloropropane)					CAS #: 108-60-1		
4.556	4.556	(1.064)	45	142213	45.0000	42.3	80.00- 120.00	100.00
4.557	4.557	(1.064)	77	27086			0.00- 49.05	19.05
4.557	4.557	(1.064)	121	39630			0.00- 57.87	27.87

RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
28 4-Methylphenol							CAS #: 106-44-5	
4.656	4.656 (1.087)		107	139487	45.0000	44.9	80.00- 120.00	100.00
4.655	4.655 (1.087)		108	113939			51.68- 111.68	81.68
4.655	4.655 (1.087)		79	37792			0.00- 57.09	27.09
26 N-Nitrosodinpropylamine							CAS #: 621-64-7	
4.683	4.683 (1.093)		70	97194	45.0000	44.0	80.00- 120.00	100.00(M)
4.684	4.684 (1.093)		42	51070			22.54- 82.54	52.54
4.684	4.684 (1.094)		130	21391			0.00- 52.01	22.01
30 Hexachloroethane							CAS #: 67-72-1	
4.739	4.739 (1.106)		117	64228	45.0000	48.0	80.00- 120.00	100.00
4.739	4.739 (1.106)		201	57626			59.72- 119.72	89.72
4.739	4.739 (1.106)		199	37080			27.73- 87.73	57.73
$ 31 Nitrobenzene-d5 (SURR)							CAS #: 4165-60-0	
4.803	4.803 (0.881)		82	153384	45.0000	44.4	80.00- 120.00	100.00
4.803	4.803 (0.881)		128	56565			6.88- 66.88	36.88
4.803	4.803 (0.881)		54	74417			18.52- 78.52	48.52
32 Nitrobenzene							CAS #: 98-95-3	
4.819	4.819 (0.884)		77	154094	45.0000	44.5	80.00- 120.00	100.00
4.820	4.820 (0.884)		123	57139			7.08- 67.08	37.08
4.820	4.820 (0.884)		65	21118			0.00- 43.70	13.70
34 Isophorone							CAS #: 78-59-1	
5.031	5.031 (0.923)		82	261905	45.0000	45.1	80.00- 120.00	100.00
5.032	5.032 (0.923)		138	41819			0.00- 45.97	15.97
5.031	5.031 (0.923)		95	20603			0.00- 37.87	7.87
35 2-Nitrophenol							CAS #: 88-75-5	
5.113	5.113 (0.938)		139	65651	45.0000	46.9	80.00- 120.00	100.00
5.112	5.112 (0.938)		65	40111			31.10- 91.10	61.10
5.113	5.113 (0.938)		109	26330			10.11- 70.11	40.11
36 2,4-Dimethylphenol							CAS #: 105-67-9	
5.144	5.144 (0.944)		122	92050	45.0000	45.0	80.00- 120.00	100.00(M)
5.144	5.144 (0.943)		107	122431			103.00- 163.00	133.00
5.144	5.144 (0.943)		121	53801			28.45- 88.45	58.45
38 Bis(2-Chloroethoxy)methane							CAS #: 111-91-1	
5.237	5.237 (0.961)		93	153377	45.0000	45.3	80.00- 120.00	100.00
5.237	5.237 (0.961)		95	49290			2.14- 62.14	32.14
5.237	5.237 (0.961)		123	22229			0.00- 44.49	14.49
40 Benzoic Acid							CAS #: 65-85-0	
5.250	5.250 (0.963)		122	62109	45.0000	42.5	80.00- 120.00	100.00
5.250	5.250 (0.963)		105	89838			114.65- 174.65	144.65
5.250	5.250 (0.963)		77	77622			94.98- 154.98	124.98
41 2,4-Dichlorophenol							CAS #: 120-83-2	
5.327	5.327 (0.977)		162	108495	45.0000	45.5	80.00- 120.00	100.00
5.327	5.327 (0.977)		164	69936			34.46- 94.46	64.46

RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	TARGET RANGE	RATIO
	41 2,4-Dichlorophenol (continued)							
5.327	5.327	(0.977)	98	40976			7.77- 67.77	37.77
	42 1,2,4-Trichlorobenzene					CAS #: 120-82-1		
5.413	5.413	(0.993)	180	122466	45.0000	45.6	80.00- 120.00	100.00
5.412	5.412	(0.993)	182	118001			66.35- 126.35	96.35
5.412	5.412	(0.993)	145	35895			0.00- 59.31	29.31
*	43 Naphthalene-d8					CAS #: 1146-65-2		
5.452	5.450	(1.000)	136	275751	40.0000		80.00- 120.00	100.00
5.452	5.450	(1.000)	68	19546			0.00- 37.24	7.09
	44 Naphthalene					CAS #: 91-20-3		
5.470	5.470	(1.003)	128	326074	45.0000	44.8	80.00- 120.00	100.00
5.470	5.470	(1.003)	129	34168			0.00- 40.48	10.48
5.470	5.470	(1.003)	127	41912			0.00- 42.78	12.85
	45 4-Chloroaniline					CAS #: 106-47-8		
5.538	5.538	(1.016)	127	133564	45.0000	44.8	80.00- 120.00	100.00
5.538	5.538	(1.016)	129	44142			3.05- 63.05	33.05
5.538	5.538	(1.016)	65	49324			6.93- 66.93	36.93
	48 Hexachlorobutadiene					CAS #: 87-68-3		
5.639	5.639	(1.034)	225	86560	45.0000	44.9	80.00- 120.00	100.00
5.639	5.639	(1.034)	223	54949			33.48- 93.48	63.48
5.640	5.640	(1.034)	227	54813			33.32- 93.32	63.32
	51 4-Chloro-3-methylphenol					CAS #: 59-50-7		
5.995	5.995	(1.100)	107	111571	45.0000	43.5	80.00- 120.00	100.00
5.995	5.995	(1.100)	144	25940			0.00- 53.25	23.25
5.995	5.995	(1.100)	142	83643			44.97- 104.97	74.97
	53 2-Methylnaphthalene					CAS #: 91-57-6		
6.126	6.126	(1.124)	142	219863	45.0000	44.8	80.00- 120.00	100.00
6.127	6.127	(1.124)	141	189582			56.23- 116.23	86.23
	54 1-Methylnaphthalene					CAS #: 90-12-0		
6.232	6.232	(1.143)	142	200279	45.0000	44.3	80.00- 120.00	100.00
6.232	6.232	(1.143)	141	178740			59.25- 119.25	89.25
	55 Hexachlorocyclopentadiene					CAS #: 77-47-4		
6.345	6.345	(0.887)	237	100922	45.0000	53.0	80.00- 120.00	100.00
6.345	6.345	(0.887)	235	62926			32.35- 92.35	62.35
6.345	6.345	(0.887)	272	12605			0.00- 42.49	12.49
	57 2,4,6-Trichlorophenol					CAS #: 88-06-2		
6.423	6.423	(0.898)	196	81445	45.0000	44.7	80.00- 120.00	100.00
6.423	6.423	(0.898)	198	78668			66.59- 126.59	96.59
6.423	6.423	(0.898)	200	25667			1.51- 61.51	31.51
	58 2,4,5-Trichlorophenol					CAS #: 95-95-4		
6.459	6.459	(0.903)	196	91884	45.0000	46.6	80.00- 120.00	100.00
6.459	6.459	(0.903)	198	88079			65.86- 125.86	95.86

					AMOUNTS			
					CAL-AMT	ON-COL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/ml)	(ug/ml)	TARGET RANGE	RATIO
58 2,4,5-Trichlorophenol (continued)								
6.458	6.458	(0.903)	97	51997			26.59- 86.59	56.59
$ 59 2-Fluorobiphenyl (SURR)						CAS #: 321-60-8		
6.500	6.500	(0.908)	172	278648	45.0000	45.0	80.00- 120.00	100.00
6.500	6.500	(0.908)	171	94304			3.84- 63.84	33.84
62 2-Chloronaphthalene						CAS #: 91-58-7		
6.595	6.595	(0.922)	162	227618	45.0000	44.5	80.00- 120.00	100.00
6.595	6.595	(0.922)	164	73811			2.43- 62.43	32.43
6.595	6.595	(0.922)	127	87984			8.65- 68.65	38.65
63 2-Nitroaniline						CAS #: 88-74-4		
6.725	6.725	(0.940)	65	79333	45.0000	44.6	80.00- 120.00	100.00
6.725	6.725	(0.940)	92	53027			36.84- 96.84	66.84
6.725	6.725	(0.940)	138	74772			64.25- 124.25	94.25
65 Dimethylphthalate						CAS #: 131-11-3		
6.934	6.934	(0.969)	163	274058	45.0000	45.4	80.00- 120.00	100.00
6.934	6.934	(0.969)	194	17129			0.00- 36.25	6.25
6.934	6.934	(0.969)	164	28414			0.00- 40.21	10.37
68 Acenaphthylene						CAS #: 208-96-8		
7.004	7.004	(0.979)	152	354192	45.0000	44.3	80.00- 120.00	100.00
7.004	7.004	(0.979)	151	69349			0.00- 49.58	19.58
7.004	7.004	(0.979)	153	46841			0.00- 43.22	13.22
67 2,6-Dinitrotoluene						CAS #: 606-20-2		
7.000	7.000	(0.978)	165	64527	45.0000	47.0	80.00- 120.00	100.00
6.999	6.999	(0.978)	89	43521			37.45- 97.45	67.45
7.001	7.001	(0.978)	63	65824			72.01- 132.01	102.01
69 3-Nitroaniline						CAS #: 99-09-2		
7.130	7.130	(0.997)	138	60011	45.0000	46.2	80.00- 120.00	100.00
7.130	7.130	(0.997)	108	7090			0.00- 41.81	11.81
7.130	7.130	(0.997)	92	79962			103.25- 163.25	133.25
* 70 Acenaphthene-d10						CAS #: 15067-26-2		
7.155	7.153	(1.000)	164	173156	40.0000		80.00- 120.00	100.00
7.155	7.153	(1.000)	162	160784			65.06- 125.06	92.85
7.155	7.153	(1.000)	160	71795			12.17- 72.17	41.46
71 Acenaphthene						CAS #: 83-32-9		
7.185	7.185	(1.004)	154	203891	45.0000	44.2	80.00- 120.00	100.00
7.185	7.185	(1.004)	153	217183			76.52- 136.52	106.52
7.185	7.185	(1.004)	152	105983			21.98- 81.98	51.98
72 2,4-Dinitrophenol						CAS #: 51-28-5		
7.227	7.227	(1.010)	184	37825	45.0000	46.1	80.00- 120.00	100.00
7.227	7.227	(1.010)	63	28996			46.66- 106.66	76.66
7.227	7.227	(1.010)	154	24892			35.81- 95.81	65.81
74 4-Nitrophenol						CAS #: 100-02-7		
7.291	7.291	(1.019)	109	51040	45.0000	46.8	80.00- 120.00	100.00

					AMOUNTS			
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
	74 4-Nitrophenol (continued)							
7.291	7.291 (1.019)		139	48127			64.29- 124.29	94.29
7.291	7.291 (1.019)		65	58864			85.33- 145.33	115.33
	75 Dibenzofuran					CAS #: 132-64-9		
7.339	7.339 (1.026)		168	317438	45.0000	44.9	80.00- 120.00	100.00
7.339	7.339 (1.026)		139	131148			11.31- 71.31	41.31
	76 2,4-Dinitrotoluene					CAS #: 121-14-2		
7.377	7.377 (1.031)		165	80263	45.0000	46.2	80.00- 120.00	100.00
7.377	7.377 (1.031)		63	41907			22.21- 82.21	52.21
7.377	7.377 (1.031)		89	65148			51.17- 111.17	81.17
	80 Diethylphthalate					CAS #: 84-66-2		
7.625	7.625 (1.066)		149	264143	45.0000	44.5	80.00- 120.00	100.00
7.625	7.625 (1.066)		177	56499			0.00- 51.39	21.39
7.625	7.625 (1.066)		150	32001			0.00- 42.12	12.12
	81 Fluorene					CAS #: 86-73-7		
7.675	7.675 (1.073)		166	280407	45.0000	45.0	80.00- 120.00	100.00
7.675	7.675 (1.073)		165	259707			62.62- 122.62	92.62
7.675	7.675 (1.073)		167	37634			0.00- 43.42	13.42
	82 4-Chlorophenyl-phenylether					CAS #: 7005-72-3		
7.675	7.675 (1.073)		204	145715	45.0000	44.6	80.00- 120.00	100.00
7.675	7.675 (1.073)		206	48134			3.03- 63.03	33.03
7.675	7.675 (1.073)		141	88306			30.60- 90.60	60.60
	84 4-Nitroaniline					CAS #: 100-01-6		
7.732	7.732 (1.081)		138	57417	45.0000	48.7	80.00- 120.00	100.00
7.732	7.732 (1.081)		92	32490			26.59- 86.59	56.59
7.732	7.732 (1.081)		108	66531			85.87- 145.87	115.87
	85 4,6-Dinitro-2-methylphenol					CAS #: 534-52-1		
7.774	7.774 (0.905)		198	55194	45.0000	47.9	80.00- 120.00	100.00
7.773	7.773 (0.905)		51	26068			17.23- 77.23	47.23
7.773	7.773 (0.905)		105	23858			13.23- 73.23	43.23
	86 N-Nitrosodiphenylamine					CAS #: 86-30-6		
7.798	7.798 (0.908)		169	174537	45.0000	45.1	80.00- 120.00	100.00
7.798	7.798 (0.908)		168	121467			39.59- 99.59	69.59
7.798	7.798 (0.908)		167	59478			4.08- 64.08	34.08
	87 1,2-Diphenylhydrazine					CAS #: 122-66-7		
7.829	7.829 (1.094)		77	289678	45.0000	42.5	80.00- 120.00	100.00
7.829	7.829 (1.094)		105	41880			0.00- 44.46	14.46
7.830	7.830 (1.094)		182	71424			0.00- 54.66	24.66
$	88 2,4,6-Tribromophenol (SURR)					CAS #: 118-79-6		
7.930	7.930 (1.108)		330	95002	90.0000	88.8	80.00- 120.00	100.00
7.930	7.930 (1.108)		332	93702			68.63- 128.63	98.63
7.930	7.930 (1.108)		141	39752			11.84- 71.84	41.84

					AMOUNTS			
					CAL-AMT	ON-COL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/ml)	(ug/ml)	TARGET RANGE	RATIO
93 4-Bromophenylphenylether						CAS #: 101-55-3		
8.148	8.148	(0.949)	248	85008	45.0000	45.6	80.00- 120.00	100.00
8.148	8.148	(0.949)	250	82441			66.98- 126.98	96.98
8.147	8.147	(0.949)	141	66566			48.31- 108.31	78.31
94 Hexachlorobenzene						CAS #: 118-74-1		
8.292	8.292	(0.966)	284	97069	45.0000	46.2	80.00- 120.00	100.00
8.291	8.291	(0.965)	142	37771			8.91- 68.91	38.91
8.291	8.291	(0.966)	249	30893			1.83- 61.83	31.83
96 Pentachlorophenol						CAS #: 87-86-5		
8.465	8.465	(0.986)	266	60207	45.0000	44.2	80.00- 120.00	100.00
8.466	8.466	(0.986)	264	35910			29.64- 89.64	59.64
8.465	8.465	(0.986)	268	37857			32.88- 92.88	62.88
* 100 Phenanthrene-d10						CAS #: 1517-22-2		
8.587	8.590	(1.000)	188	300833	40.0000		80.00- 120.00	100.00
8.587	8.589	(1.000)	94	30362			0.00- 40.12	10.09
8.587	8.589	(1.000)	80	33644			0.00- 41.14	11.18
101 Phenanthrene						CAS #: 85-01-8		
8.610	8.610	(1.003)	178	369906	45.0000	44.8	80.00- 120.00	100.00
8.610	8.610	(1.003)	179	55908			0.00- 45.11	15.11
8.610	8.610	(1.003)	176	69541			0.00- 48.80	18.80
103 Anthracene						CAS #: 120-12-7		
8.653	8.653	(1.008)	178	329902	45.0000	44.9	80.00- 120.00	100.00
8.653	8.653	(1.008)	179	50640			0.00- 45.35	15.35
8.653	8.653	(1.008)	176	60172			0.00- 48.24	18.24
104 Carbazole						CAS #: 86-74-8		
8.814	8.814	(1.026)	167	339312	45.0000	46.6	80.00- 120.00	100.00
8.814	8.814	(1.026)	139	45952			0.00- 43.54	13.54
8.814	8.814	(1.026)	83	30362			0.00- 38.95	8.95
105 Di-n-butylphthalate						CAS #: 84-74-2		
9.211	9.211	(1.073)	149	461529	45.0000	47.0	80.00- 120.00	100.00
9.211	9.211	(1.073)	150	42127			0.00- 39.13	9.13
9.211	9.211	(1.073)	104	29082			0.00- 36.30	6.30
109 Fluoranthene						CAS #: 206-44-0		
9.780	9.780	(1.139)	202	418685	45.0000	46.3	80.00- 120.00	100.00
9.779	9.779	(1.139)	101	47935			0.00- 41.45	11.45
9.779	9.779	(1.139)	203	72222			0.00- 47.25	17.25
111 Pyrene						CAS #: 129-00-0		
9.999	9.999	(0.893)	202	434650	45.0000	45.6	80.00- 120.00	100.00
9.999	9.999	(0.893)	200	89818			0.00- 50.66	20.66
9.999	9.999	(0.893)	203	75115			0.00- 47.28	17.28
$ 112 Terphenyl-d14 (SURR)						CAS #: 1718-51-0		
10.161	10.161	(0.908)	244	329272	45.0000	44.5	80.00- 120.00	100.00
10.161	10.161	(0.908)	122	34599			0.00- 40.51	10.51

					AMOUNTS			
					CAL-AMT	ON-COL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/ml)	(ug/ml)	TARGET RANGE	RATIO
$ 112 Terphenyl-d14 (SURR) (continued)								
10.162	10.162 (0.908)		212	25965			0.00- 37.89	7.89
118 Butylbenzylphthalate						CAS #: 85-68-7		
10.674	10.674 (0.954)		149	216176	45.0000	47.3	80.00- 120.00	100.00
10.674	10.674 (0.954)		91	164746			46.21- 106.21	76.21
10.674	10.674 (0.954)		206	46978			0.00- 51.73	21.73
120 Benzo[a]anthracene						CAS #: 56-55-3		
11.176	11.176 (0.998)		228	431194	45.0000	45.8	80.00- 120.00	100.00
11.176	11.176 (0.998)		229	83602			0.00- 49.39	19.39
11.176	11.176 (0.998)		226	115871			0.00- 56.87	26.87
* 121 Chrysene-d12						CAS #: 1719-03-5		
11.194	11.191 (1.000)		240	360074	40.0000		80.00- 120.00	100.00
11.194	11.191 (1.000)		120	35655			0.00- 39.96	9.90
11.194	11.191 (1.000)		236	87948			0.00- 54.60	24.42
123 Chrysene						CAS #: 218-01-9		
11.219	11.219 (1.002)		228	426515	45.0000	45.9	80.00- 120.00	100.00
11.219	11.219 (1.002)		226	124221			0.00- 59.12	29.12
11.219	11.219 (1.002)		229	84368			0.00- 49.78	19.78
124 Bis-2-Ethylhexylphthalate						CAS #: 117-81-7		
11.257	11.257 (1.006)		149	296822	45.0000	47.1	80.00- 120.00	100.00
11.257	11.257 (1.006)		167	90539			0.50- 60.50	30.50
11.257	11.257 (1.006)		279	23166			0.00- 37.80	7.80
125 Di-n-octylphthalate						CAS #: 117-84-0		
11.824	11.824 (0.945)		149	520465	45.0000	42.3	80.00- 120.00	100.00
11.824	11.824 (0.945)		167	7529			0.00- 31.45	1.45
11.824	11.824 (0.945)		43	44806			0.00- 38.61	8.61
127 Benzo[b]fluoranthene						CAS #: 205-99-2		
12.179	12.179 (0.973)		252	432192	45.0000	46.0	80.00- 120.00	100.00
12.179	12.179 (0.973)		253	96523			0.00- 52.33	22.33
12.177	12.177 (0.973)		125	40104			0.00- 39.28	9.28
128 Benzo[k]fluoranthene						CAS #: 207-08-9		
12.198	12.198 (0.975)		252	423388	45.0000	40.3	80.00- 120.00	100.00
12.198	12.198 (0.975)		253	94553			0.00- 52.33	22.33
12.198	12.198 (0.975)		125	34785			0.00- 38.22	8.22
129 Benzo[a]pyrene						CAS #: 50-32-8		
12.460	12.460 (0.996)		252	401870	45.0000	46.7	80.00- 120.00	100.00
12.460	12.460 (0.996)		253	98717			0.00- 54.56	24.56
12.460	12.460 (0.996)		125	37377			0.00- 39.30	9.30
* 130 Perylene-d12						CAS #: 1520-96-3		
12.511	12.509 (1.000)		264	329666	40.0000		80.00- 120.00	100.00
12.511	12.509 (1.000)		260	73979			0.00- 52.64	22.44
12.510	12.508 (1.000)		265	70510			0.00- 51.95	21.39

					AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
RT	EXP RT	REL RT	MASS	RESPONSE				
133 Indeno[1,2,3-cd]pyrene						CAS #: 193-39-5		
13.537	13.537	(1.082)	276	458180	45.0000	47.4	80.00- 120.00	100.00
13.539	13.539	(1.082)	138	100484			0.00- 51.93	21.93
13.538	13.538	(1.082)	277	118318			0.00- 55.82	25.82
134 Dibenz[a,h]anthracene						CAS #: 53-70-3		
13.544	13.544	(1.083)	278	384440	45.0000	47.2	80.00- 120.00	100.00
13.542	13.542	(1.082)	139	53626			0.00- 43.95	13.95
13.544	13.544	(1.083)	279	89029			0.00- 53.16	23.16
135 Benzo[g,h,i]perylene						CAS #: 191-24-2		
13.818	13.818	(1.105)	276	362094	45.0000	47.1	80.00- 120.00	100.00
13.818	13.818	(1.104)	138	66894			0.00- 48.47	18.47
13.818	13.818	(1.105)	277	87321			0.00- 54.12	24.12

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\Svecdo4\DD\chem\smsdo4.i\S4112612.b\8270CAL4.d
Date : 26-NOV-2012 17:04
Client ID: 8270CAL4
Sample Info: 47766
Purge Volume: 1000.0
Column phase: HPMS-5
Instrument: smsdo4.i
Operator: MJ
Column diameter: 0.25
\\Svecdo4\DD\chem\smsdo4.i\S4112612.b\8270CAL4.d
Y (x10^6)
Min
-2-Fluorophenol (SURR)
-Phenol-d5 (SURR)+
-1,4-Dichlorobenzene-d4+
-Nitrobenzene-d5 (SURR)+
-Naphthalene-d8+
-2-Fluorobiphenyl (SURR)
-Acenaphthene-d10
-Phenanthrene-d10
-2,4,6-Tribromophenol (SUR
-Terphenyl-d14 (SURR)
-Perylene-d12

Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

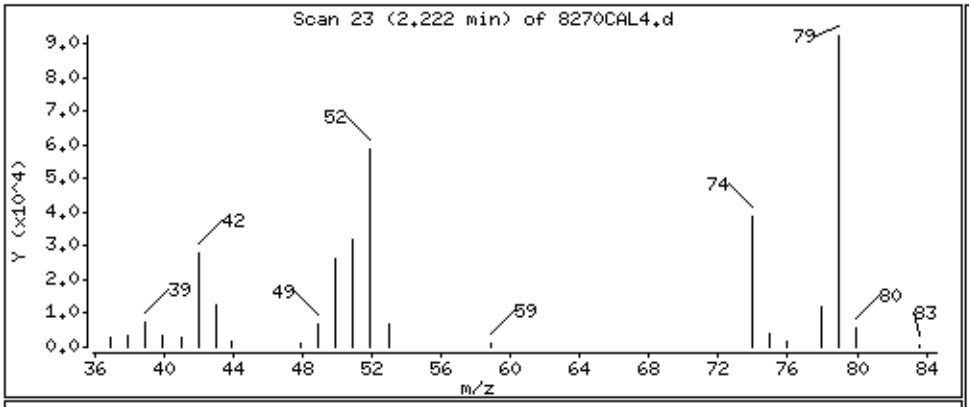
Operator: MJ

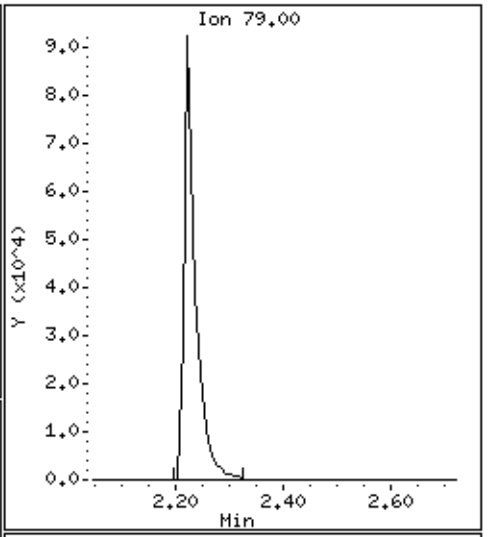
Column phase: HPMS-5

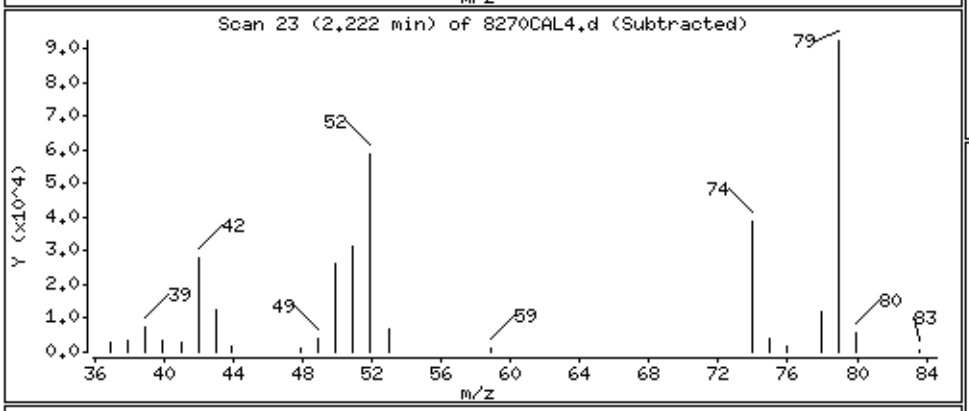
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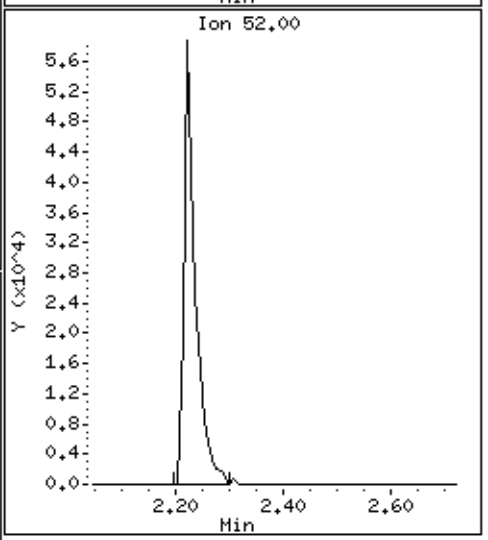
2 Pyridine

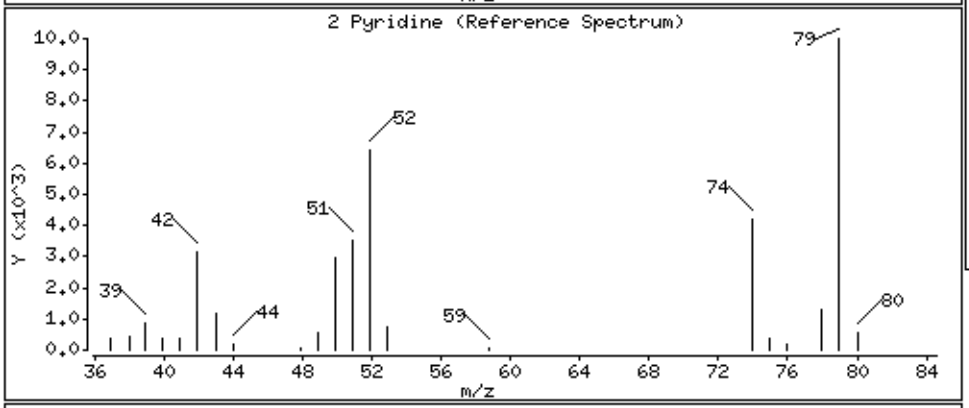
Concentration: 45.5 ug/l

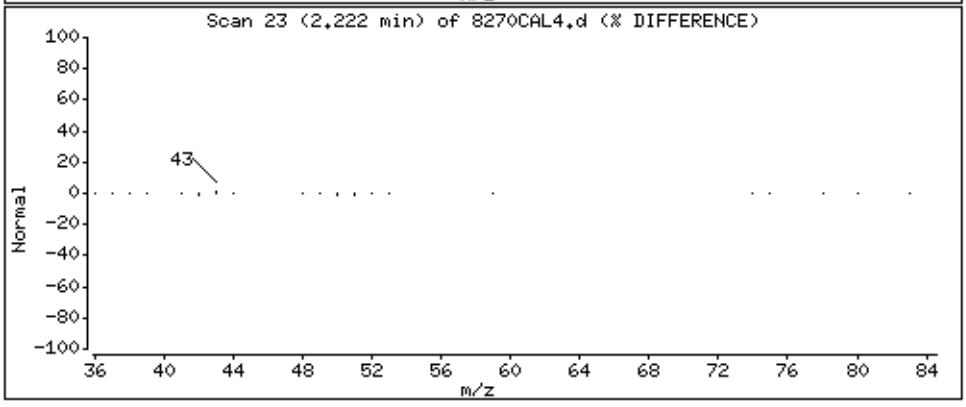












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

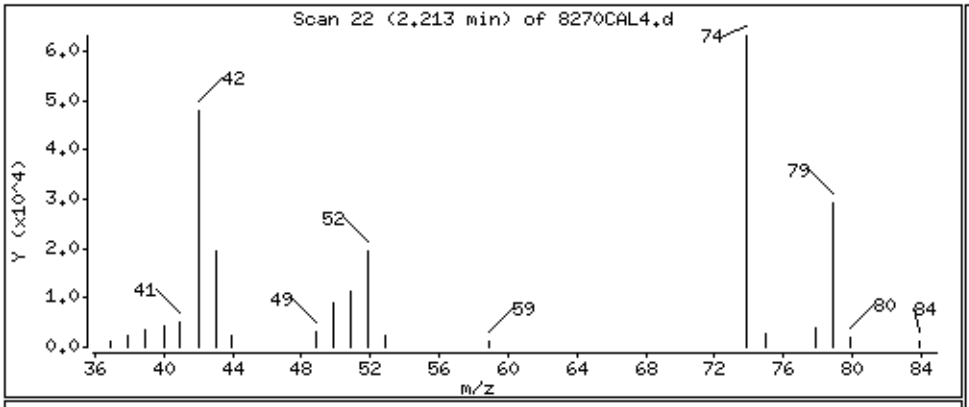
Client ID: 8270CAL4 Instrument: smsd04.i

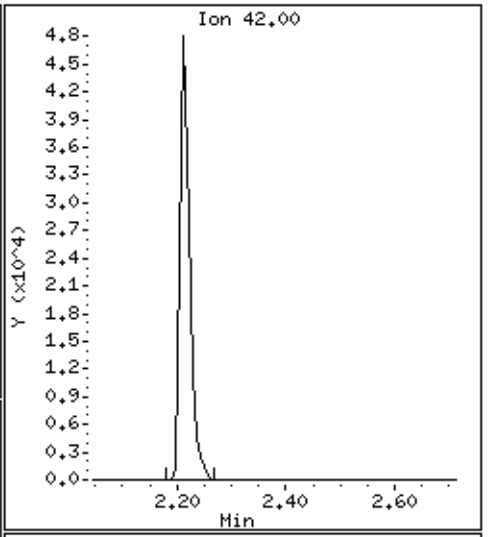
Sample Info: 47766

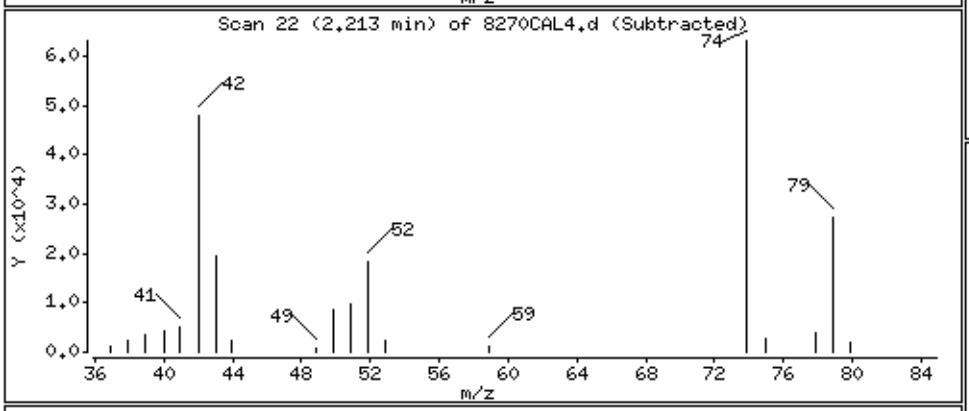
Purge Volume: 1000.0 Operator: MJ

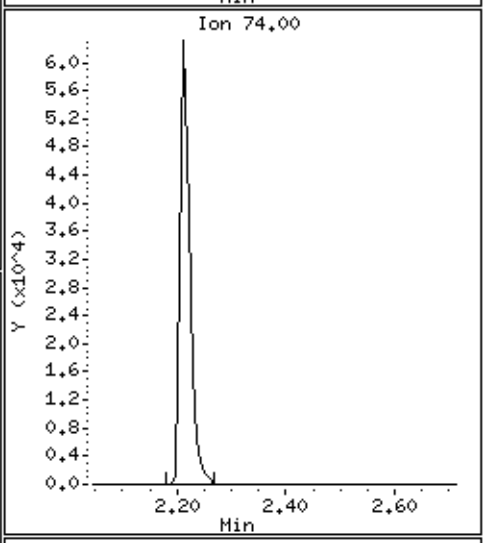
Column phase: HPMS-5 Column diameter: 0.25

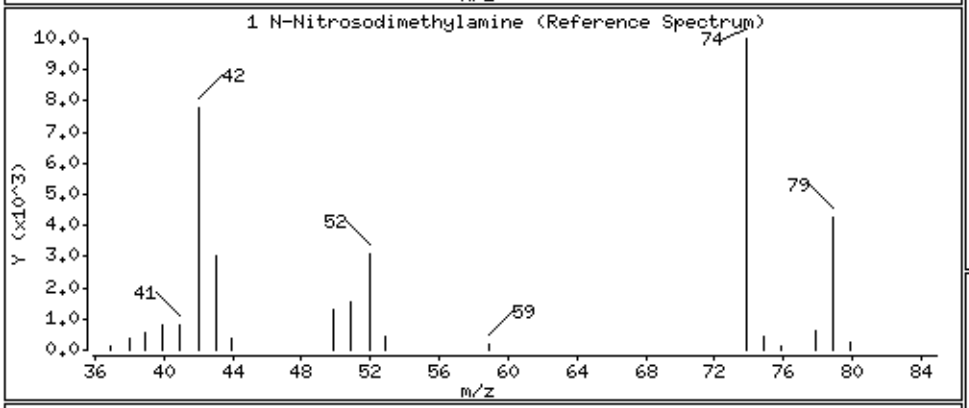
1 N-Nitrosodimethylamine Concentration: 43.5 ug/l

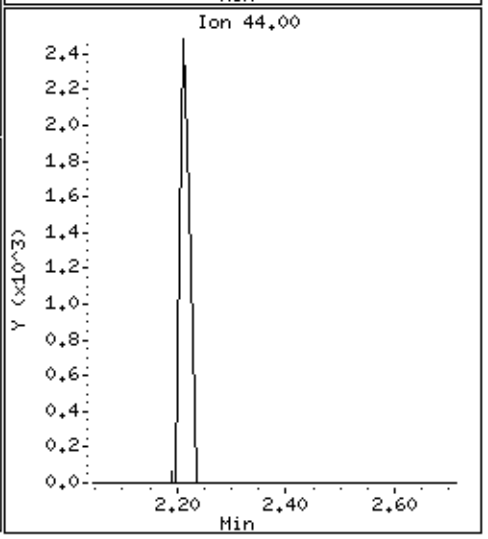


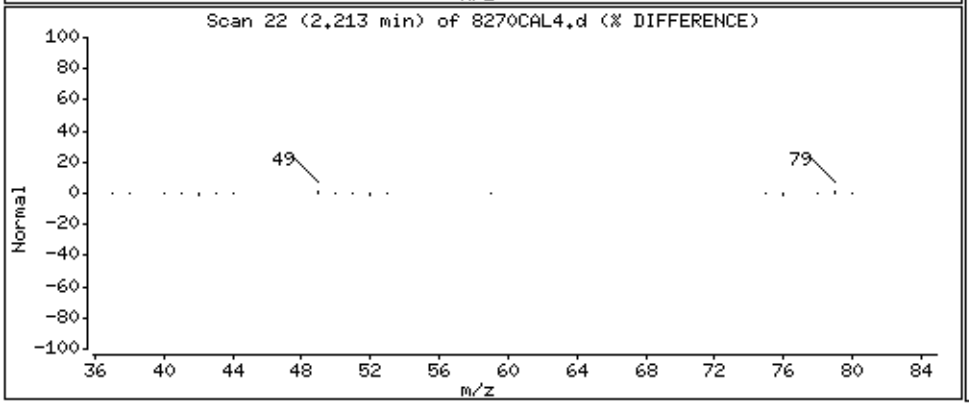












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

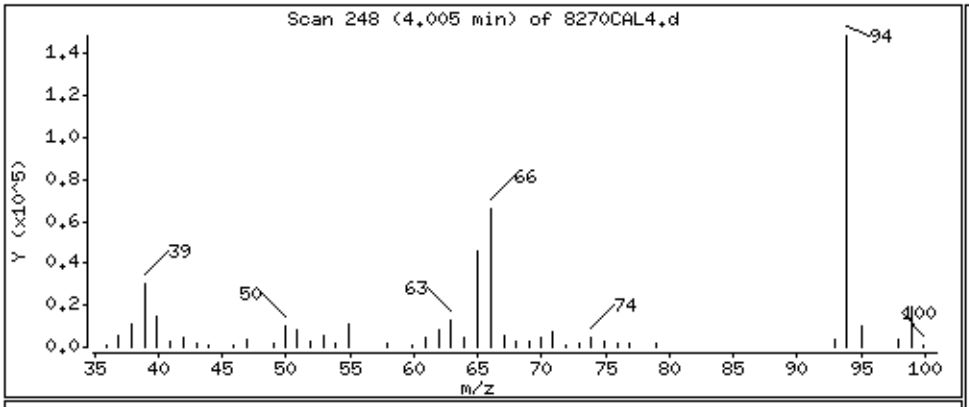
Operator: MJ

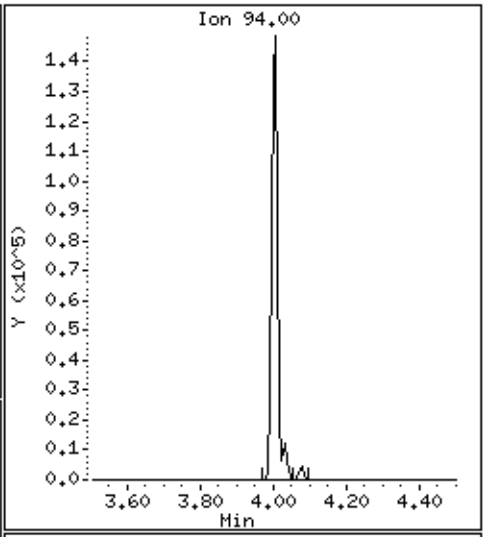
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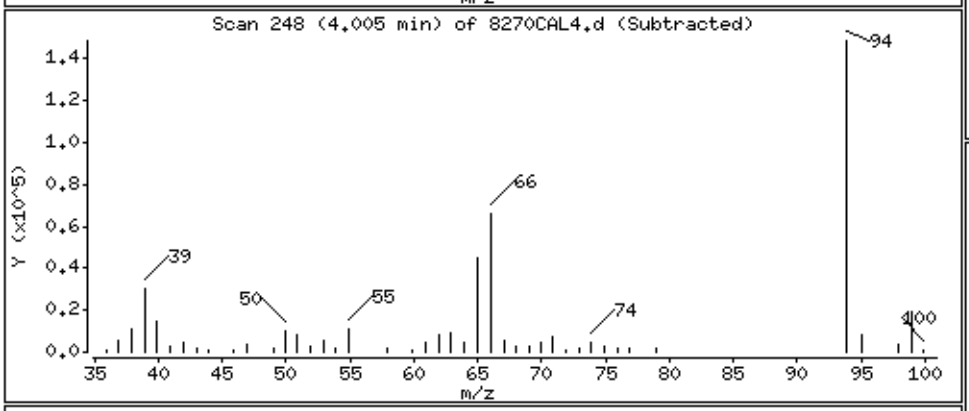
Column diameter: 0.25

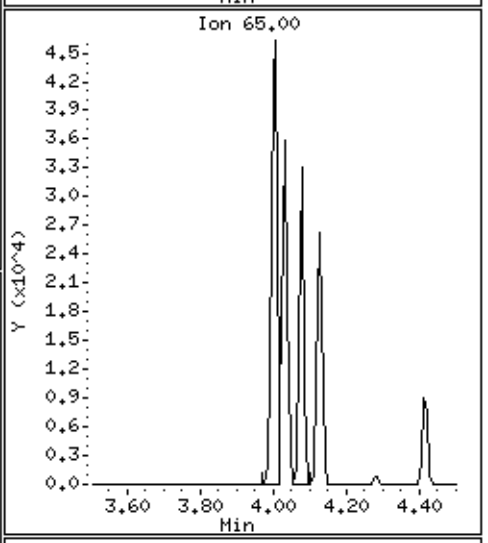
13 Phenol

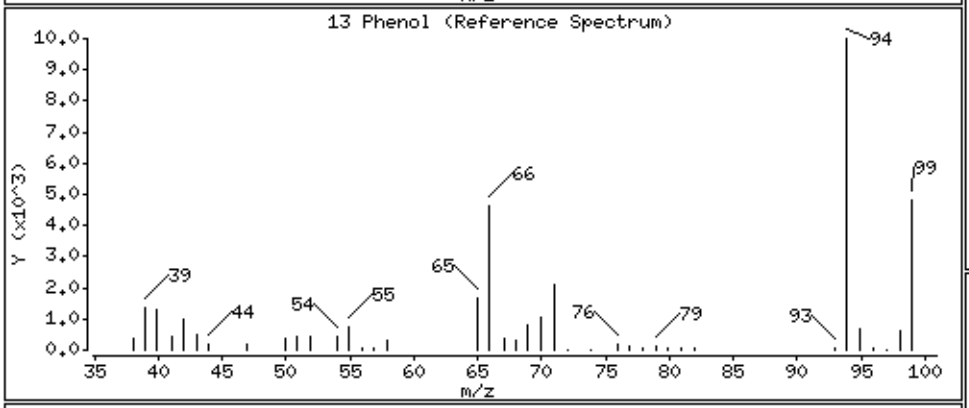
Concentration: 45.8 ug/l

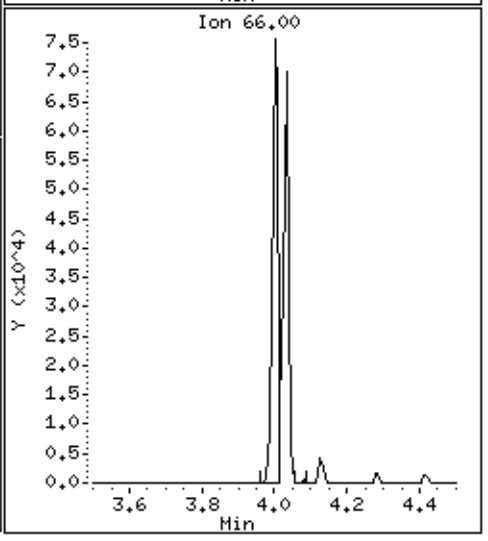


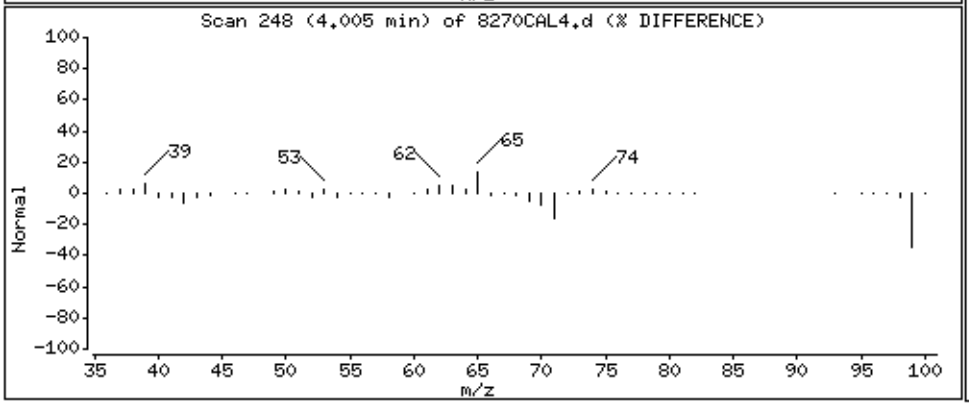












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

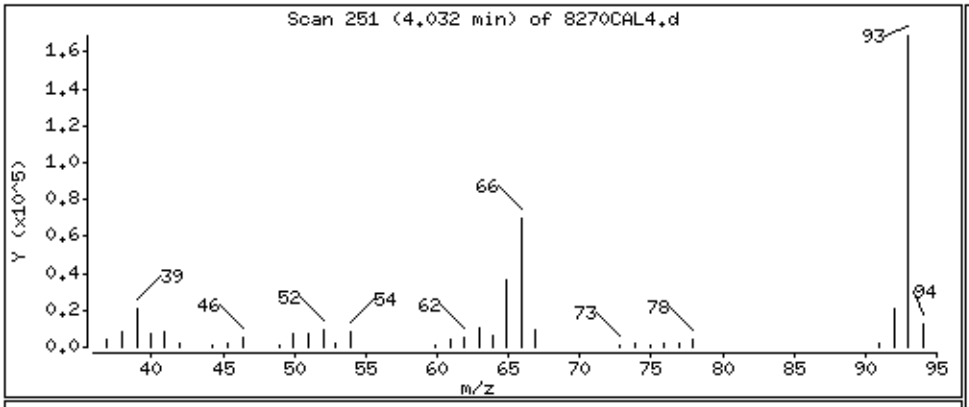
Client ID: 8270CAL4 Instrument: smsd04.i

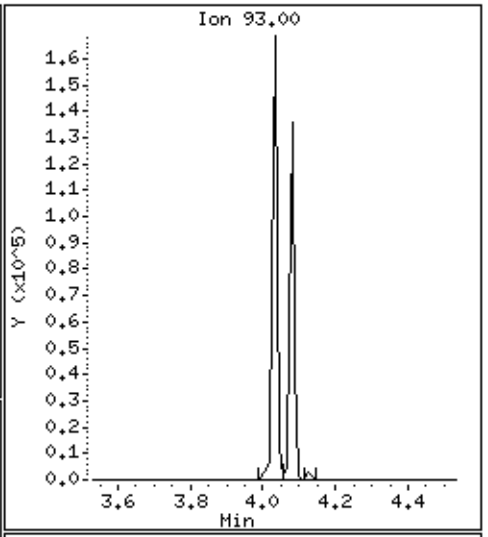
Sample Info: 47766

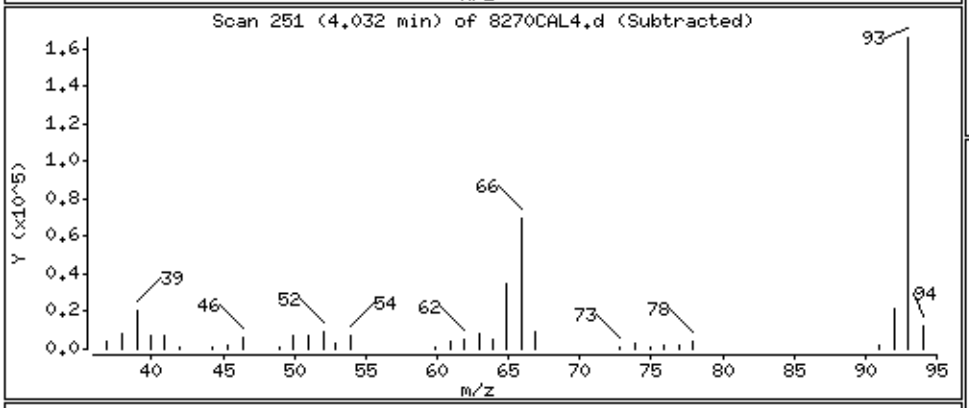
Purge Volume: 1000.0 Operator: MJ

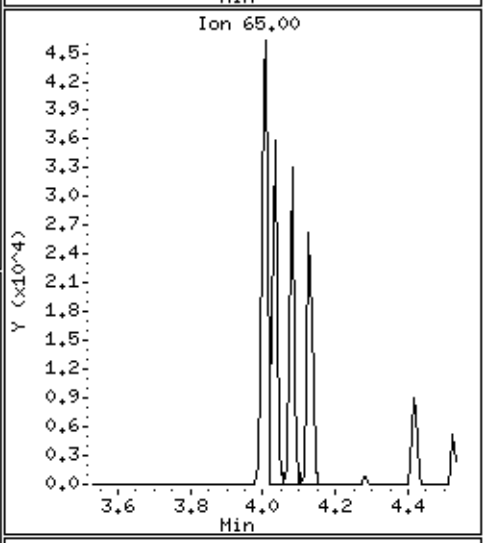
Column phase: HPMS-5 Column diameter: 0.25

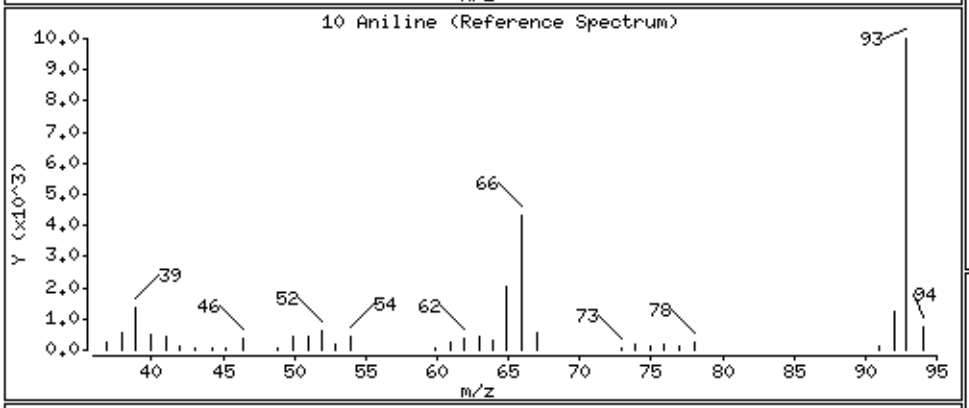
10 Aniline Concentration: 44.9 ug/l

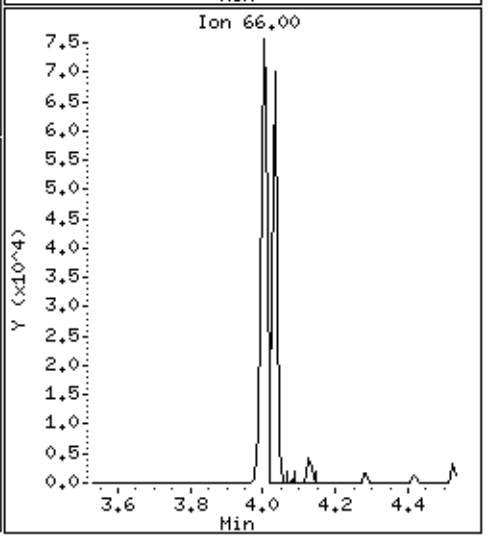


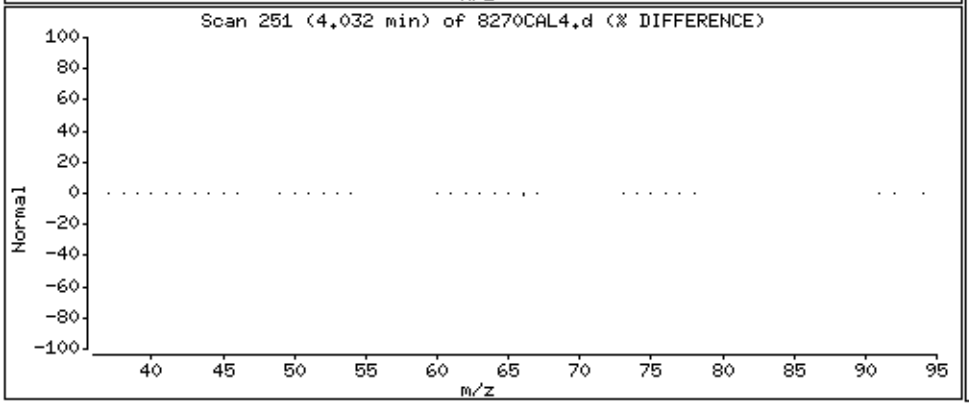












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

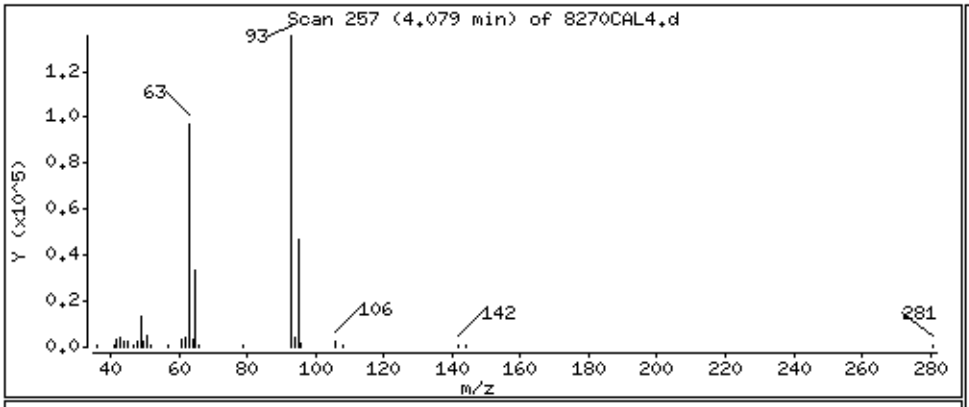
Client ID: 8270CAL4 Instrument: smsd04.i

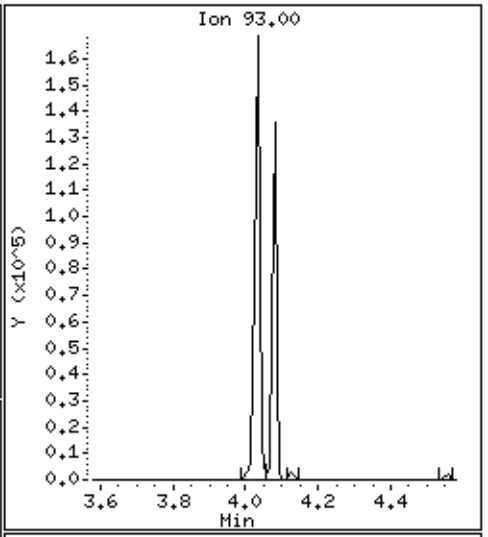
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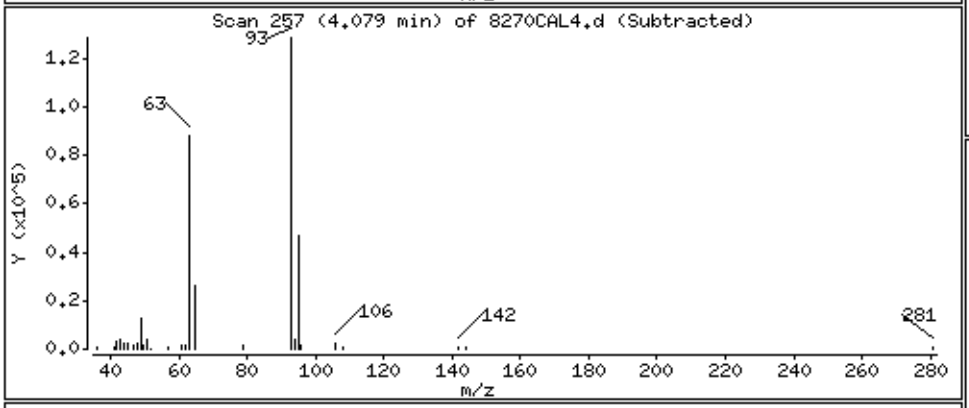
Purge Volume: 1000.0 Operator: MJ

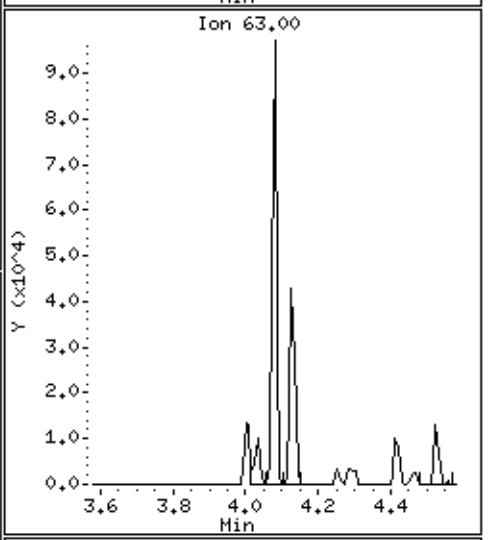
Column phase: HPMS-5 Column diameter: 0.25

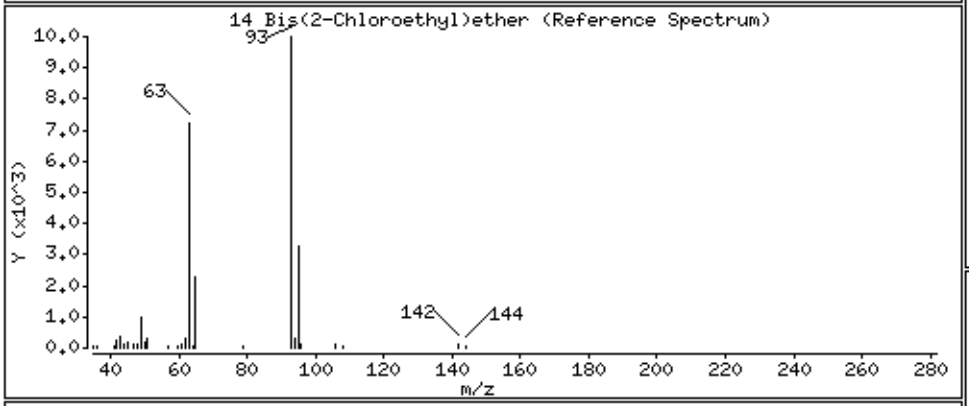
14 Bis(2-Chloroethyl)ether Concentration: 45.2 ug/l

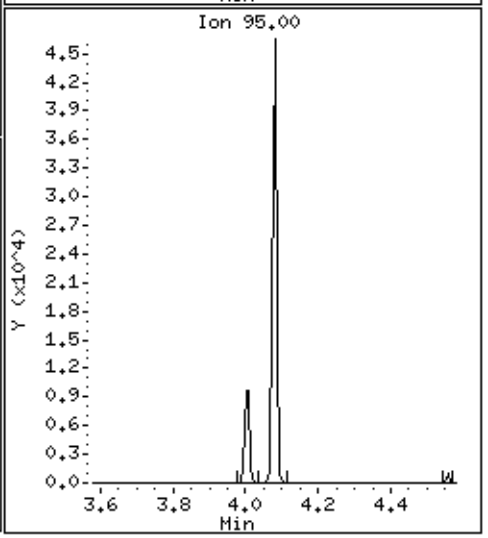


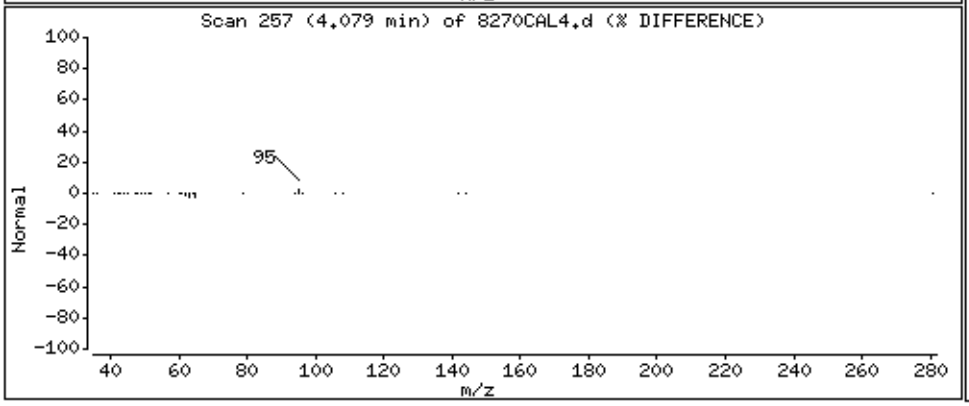












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

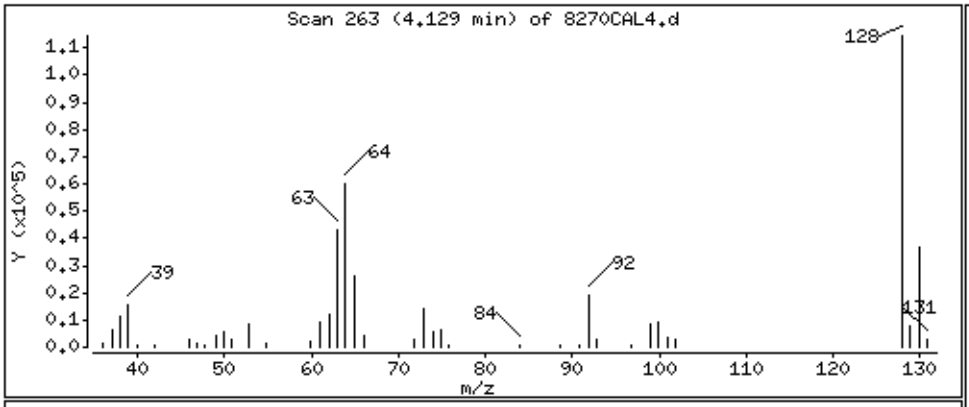
Client ID: 8270CAL4 Instrument: smsd04.i

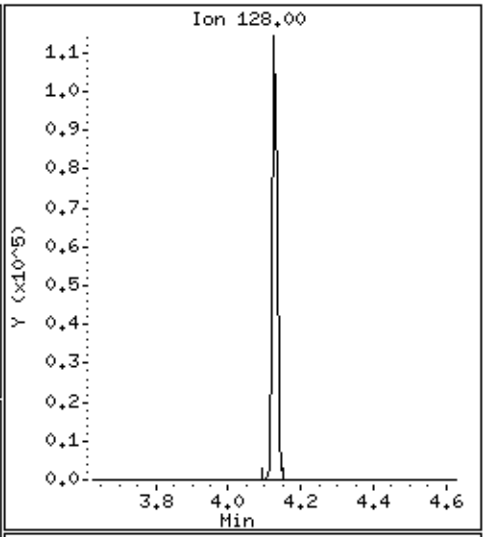
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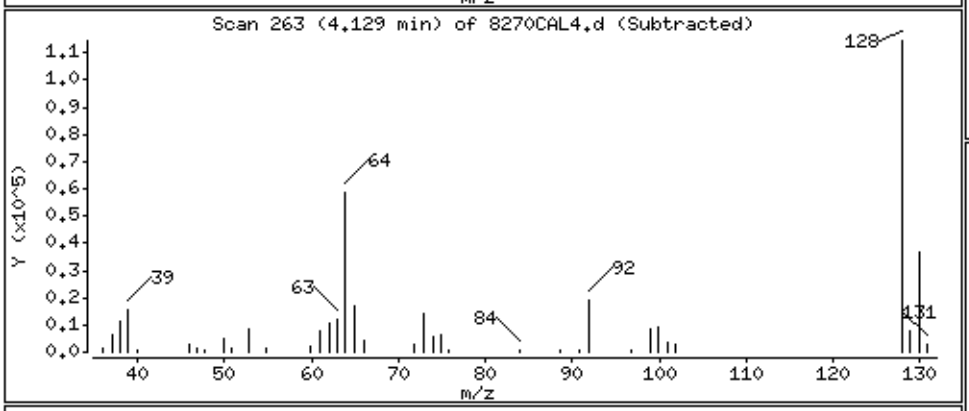
Purge Volume: 1000.0 Operator: MJ

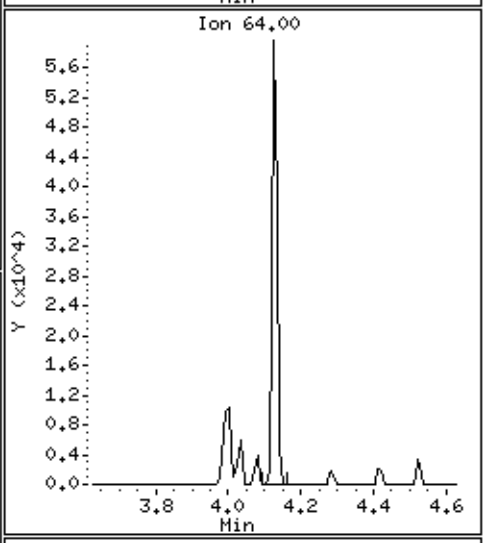
Column phase: HPMS-5 Column diameter: 0.25

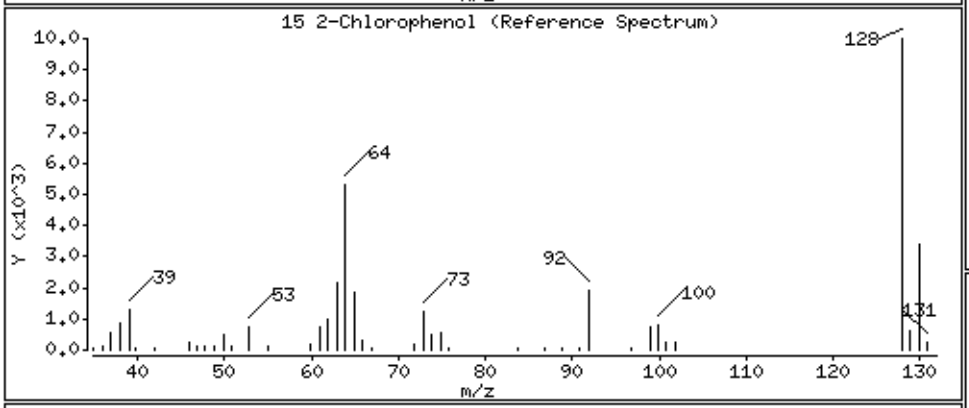
15 2-Chlorophenol Concentration: 45.5 ug/l

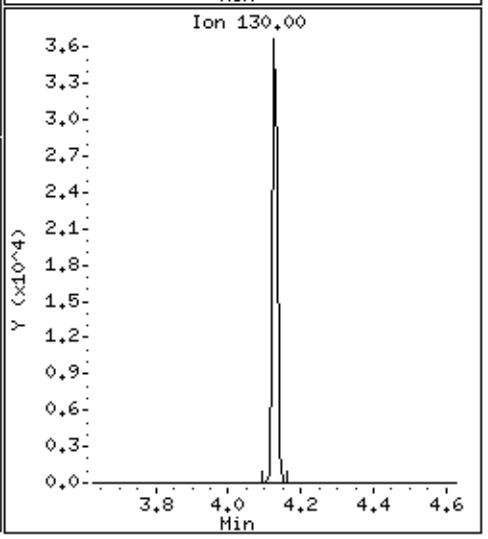


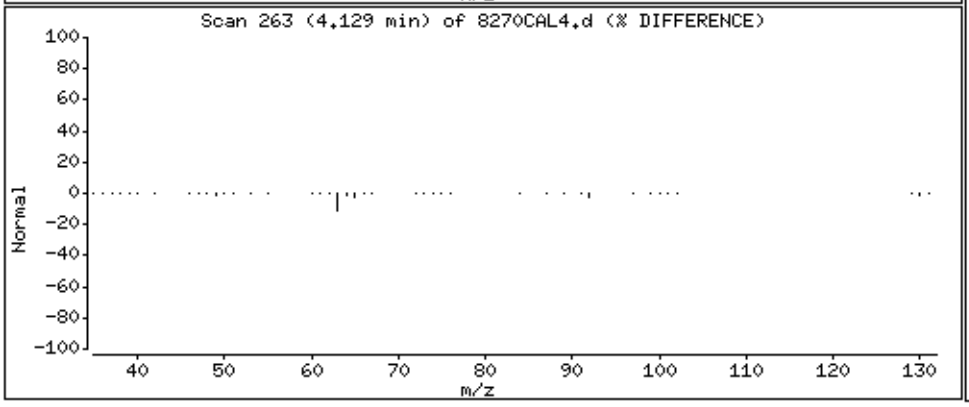












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

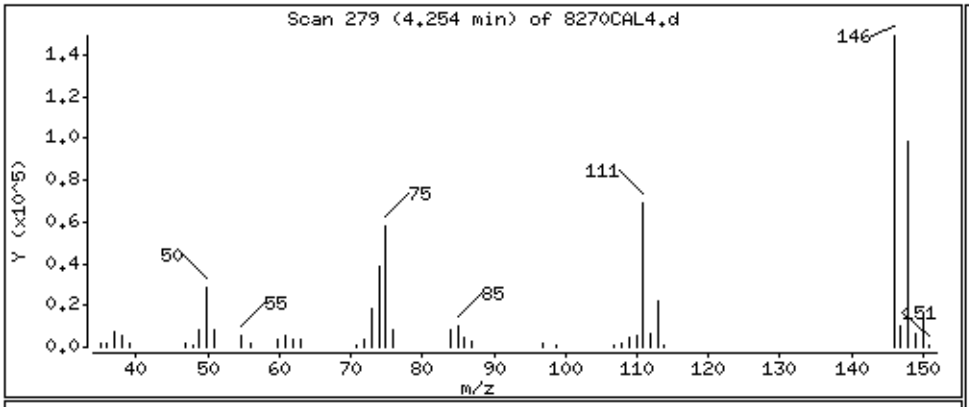
Client ID: 8270CAL4 Instrument: smsd04.i

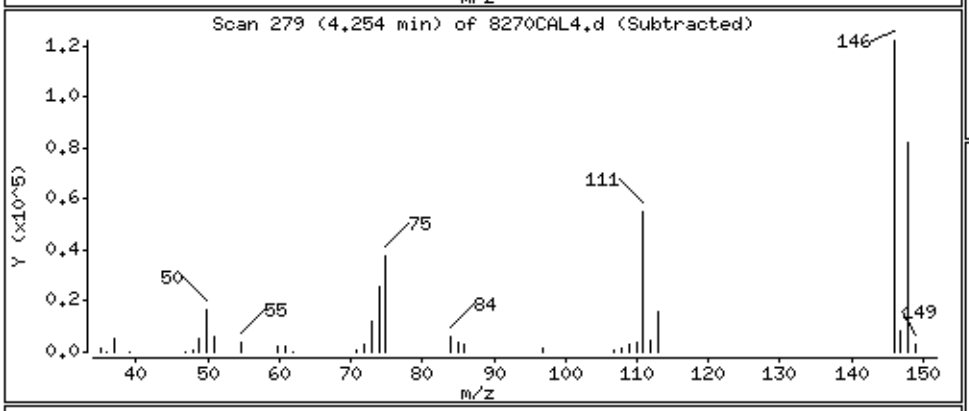
Sample Info: 47766

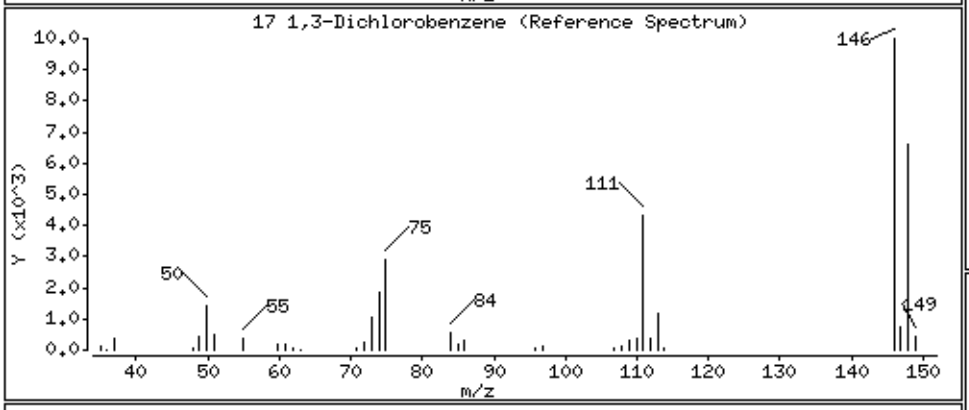
Purge Volume: 1000.0 Operator: MJ

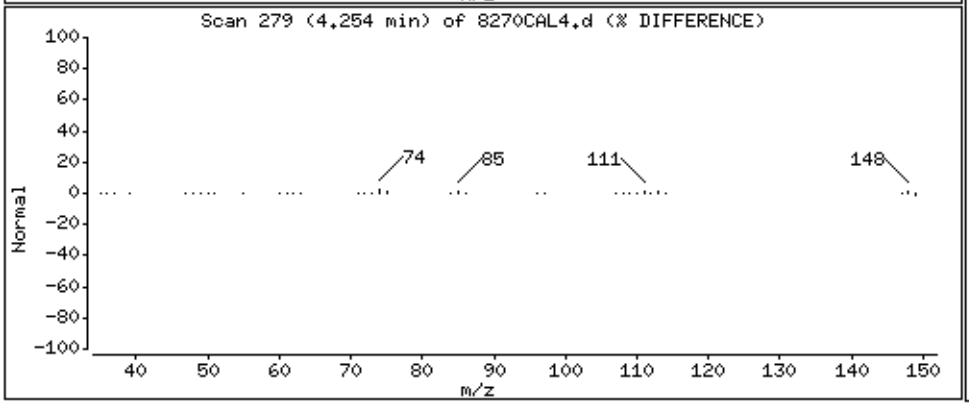
Column phase: HPMS-5 Column diameter: 0.25

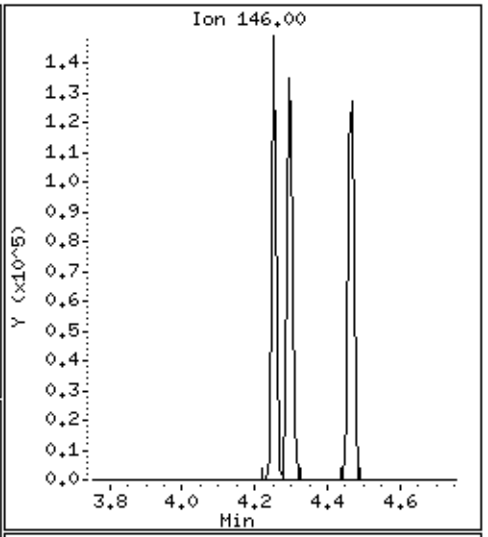
17 1,3-Dichlorobenzene Concentration: 44.8 ug/l

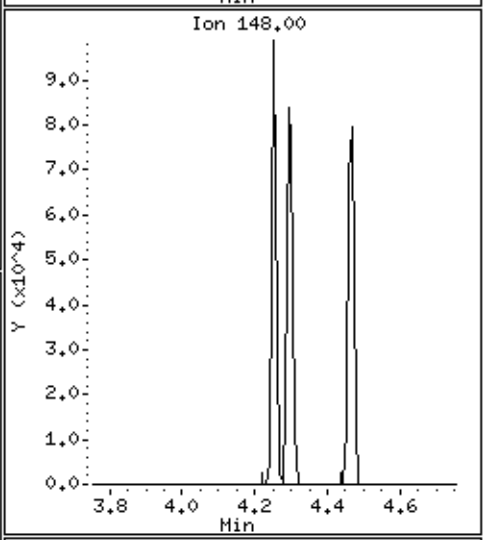


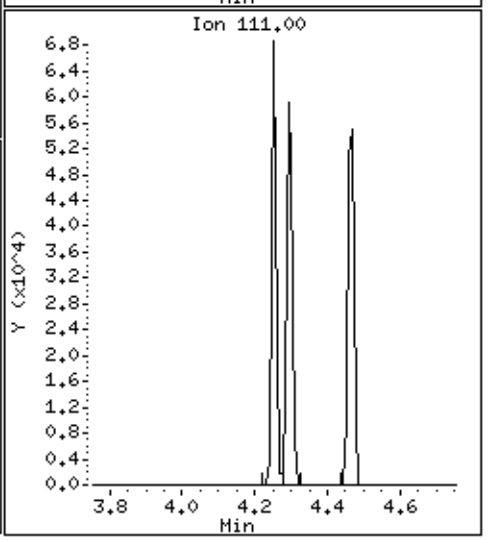












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

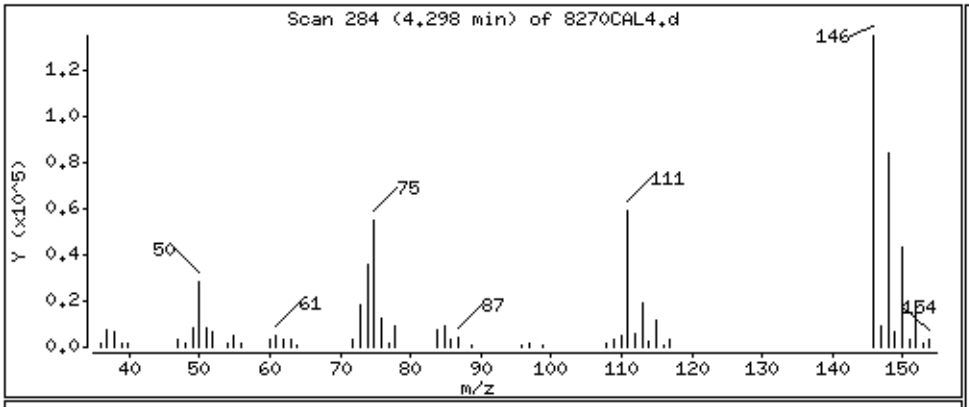
Operator: MJ

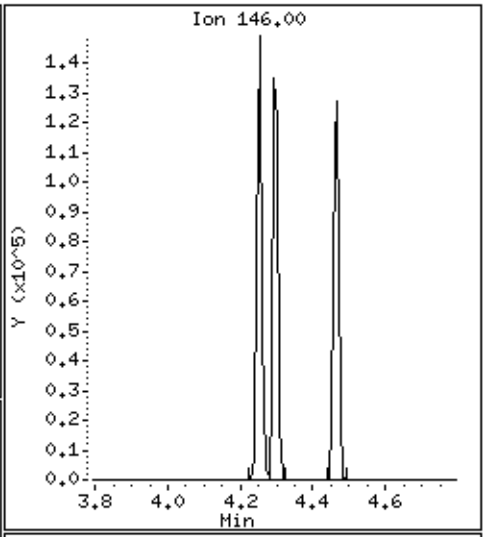
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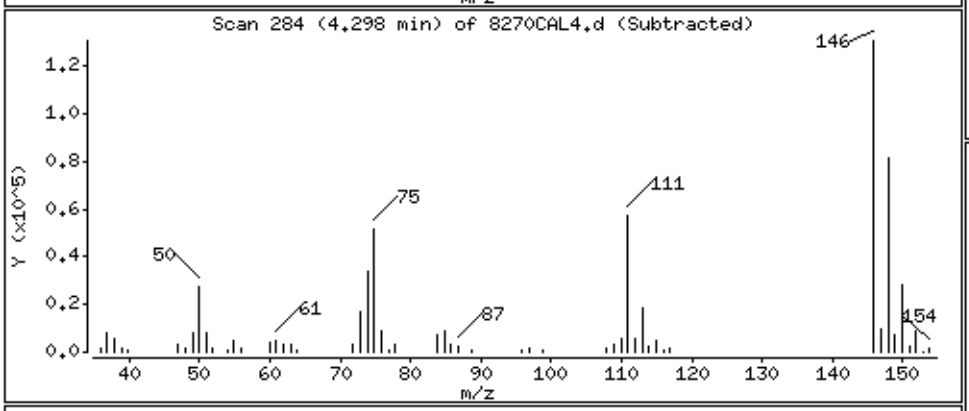
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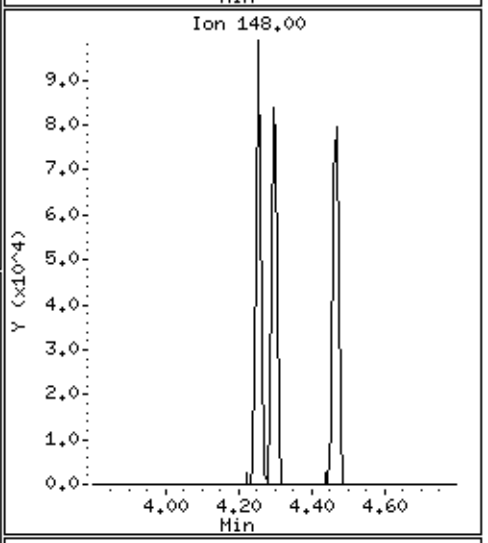
19 1,4-Dichlorobenzene

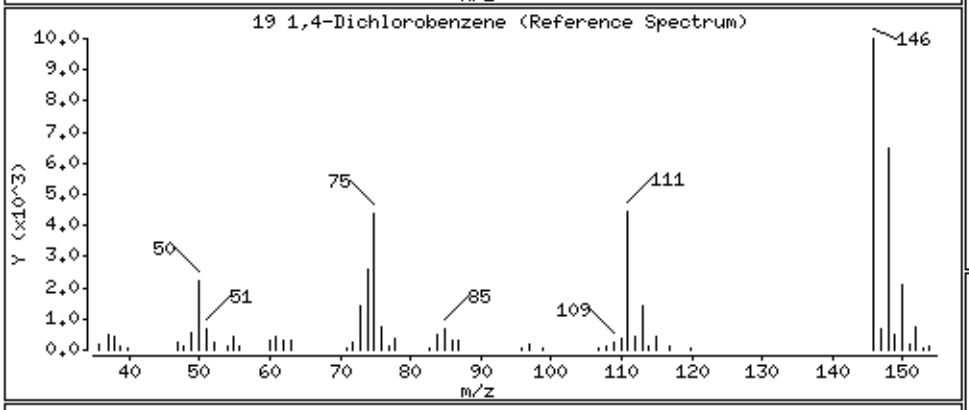
Concentration: 45.8 ug/l

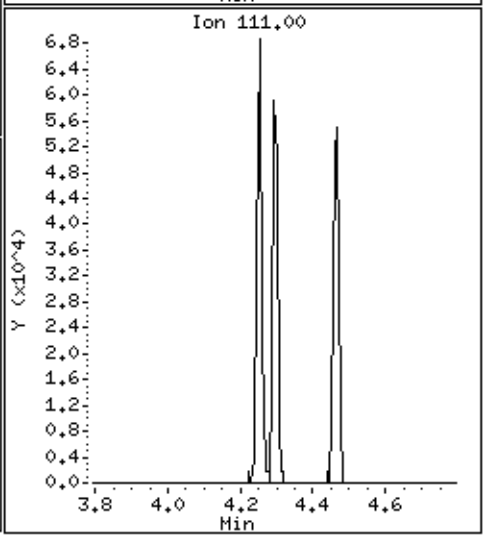


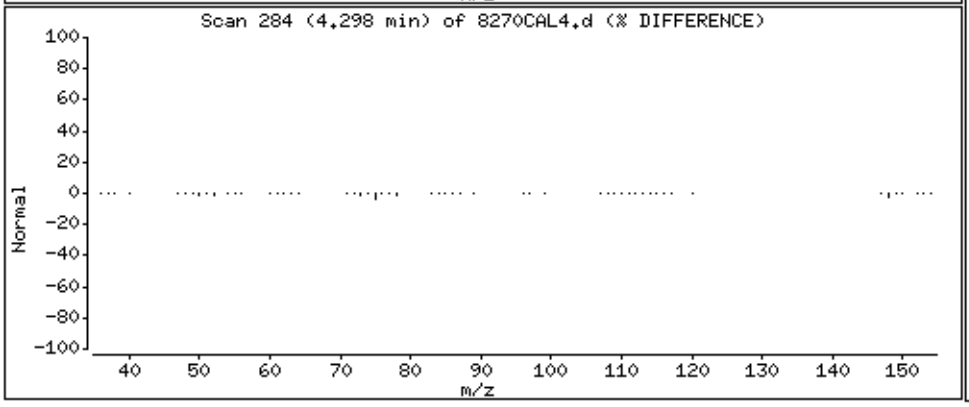












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

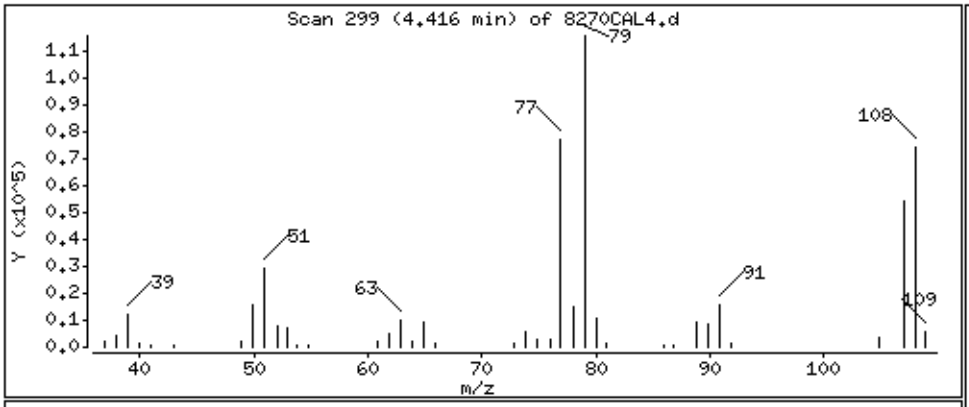
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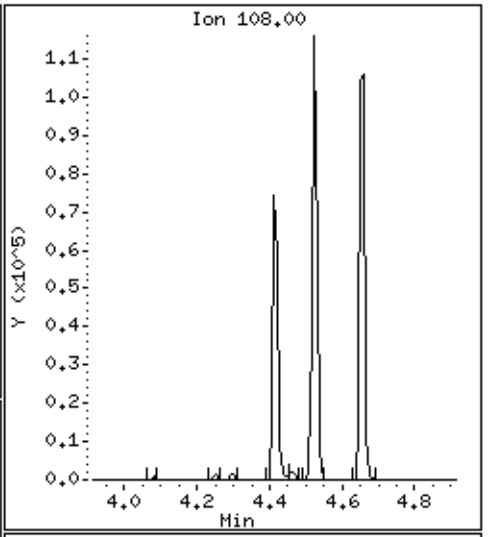
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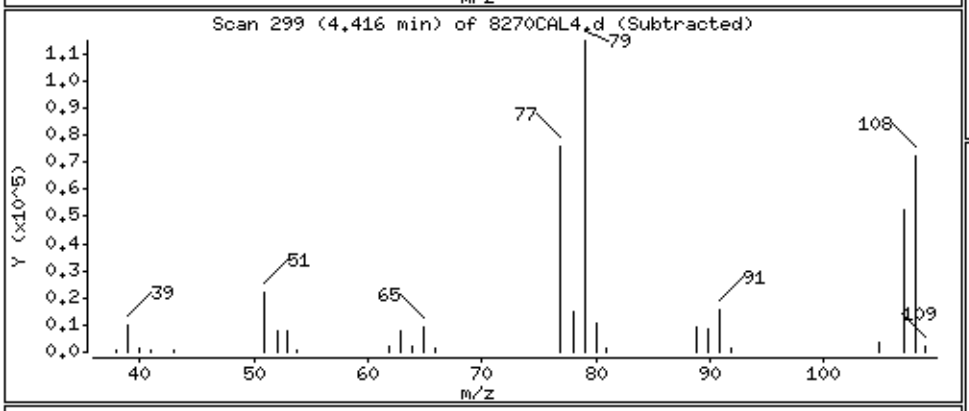
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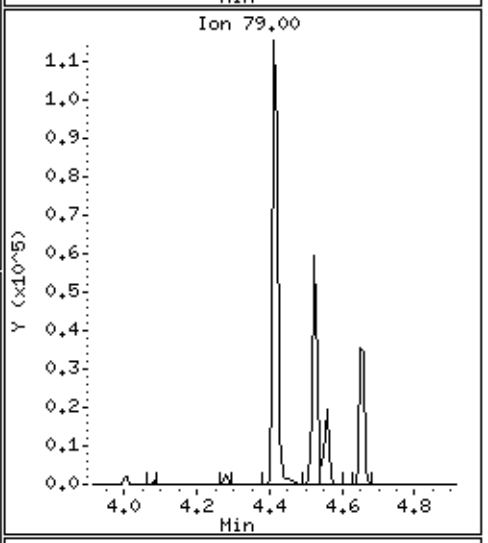
21 Benzyl alcohol

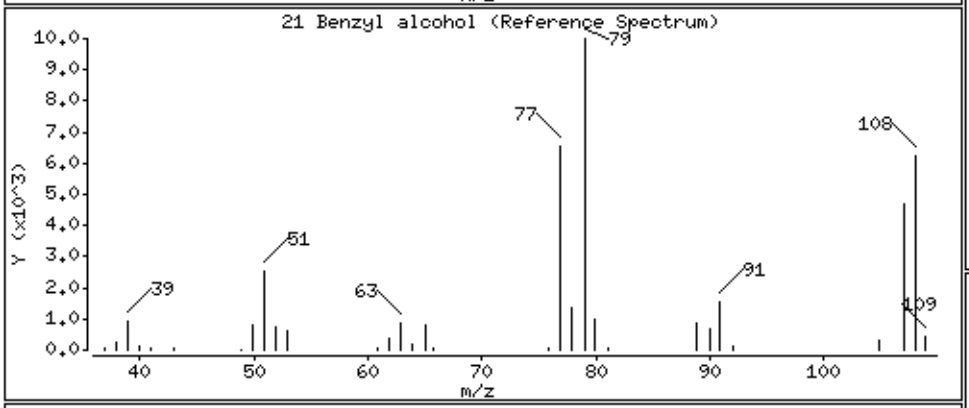
Concentration: 45.8 ug/l

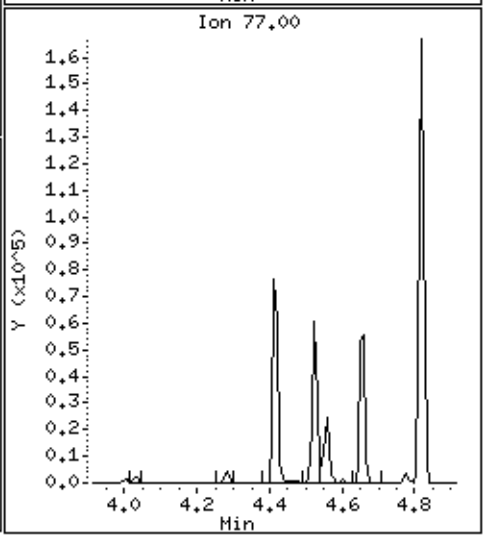


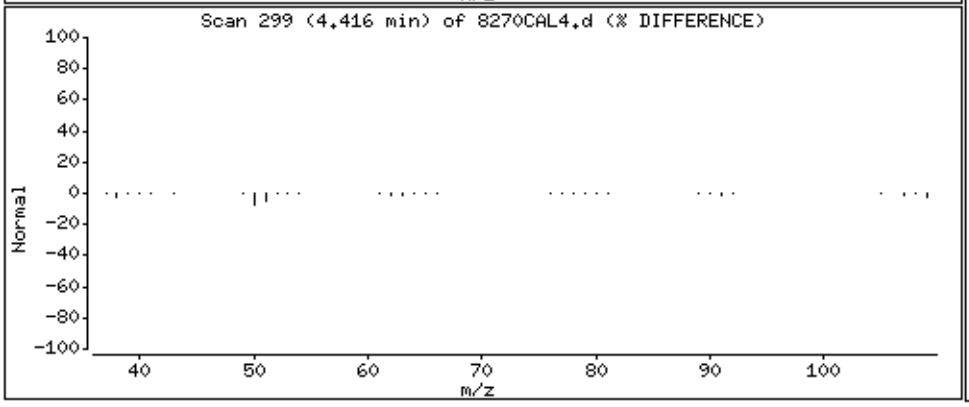












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

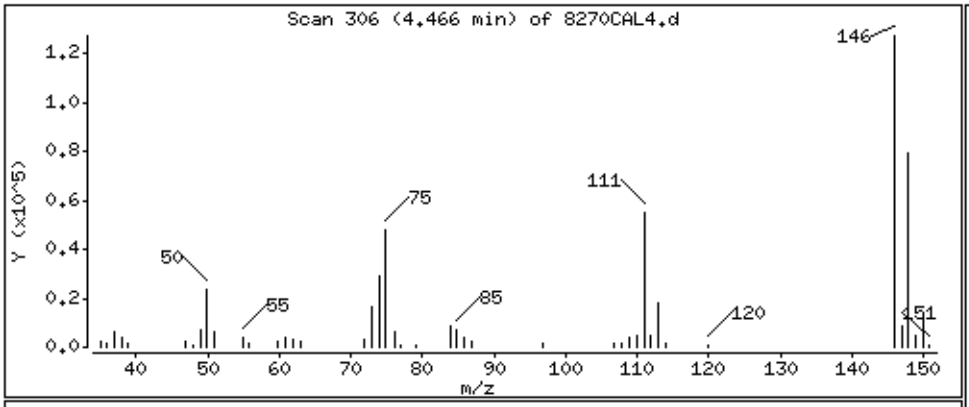
Operator: MJ

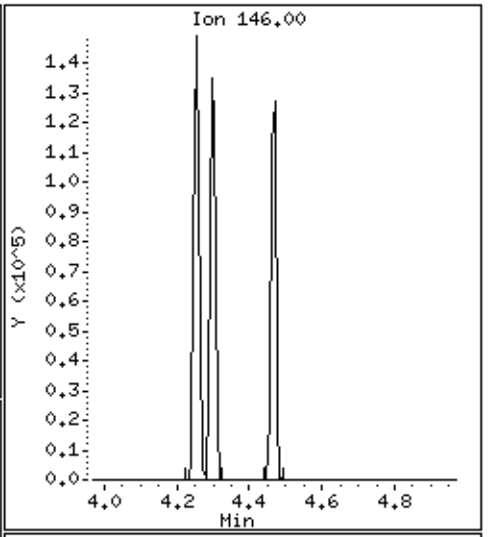
Column phase: HPMS-5

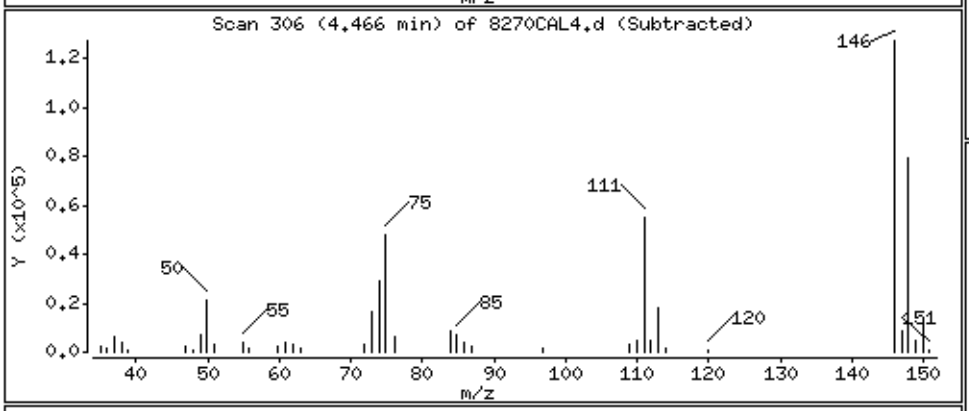
Column diameter: 0.25

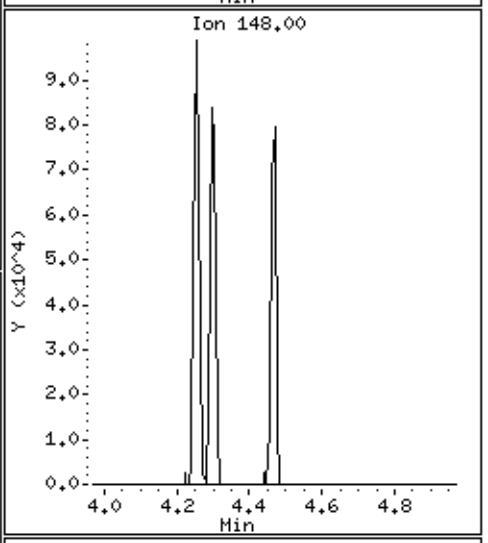
20 1,2-Dichlorobenzene

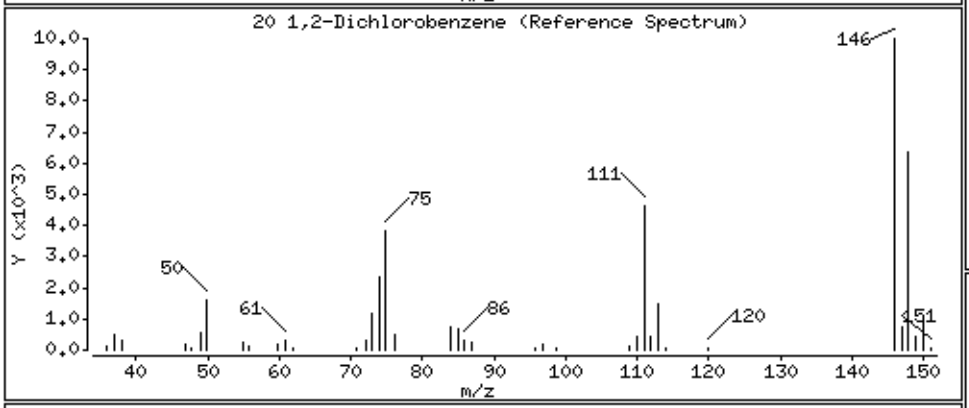
Concentration: 46.0 ug/l

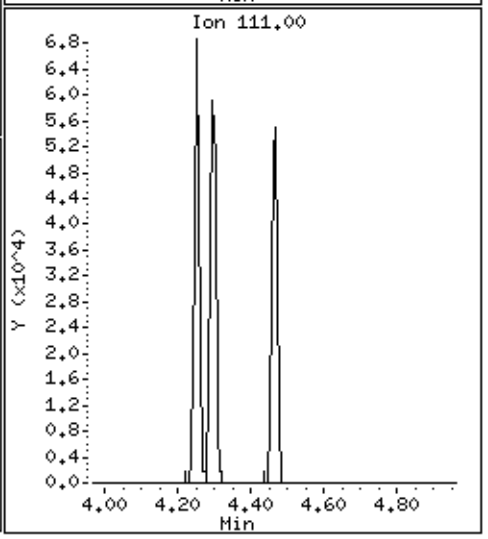


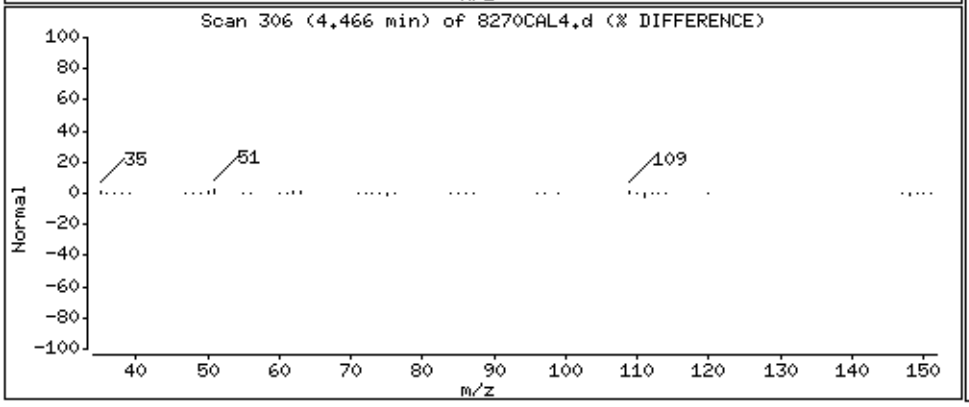












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

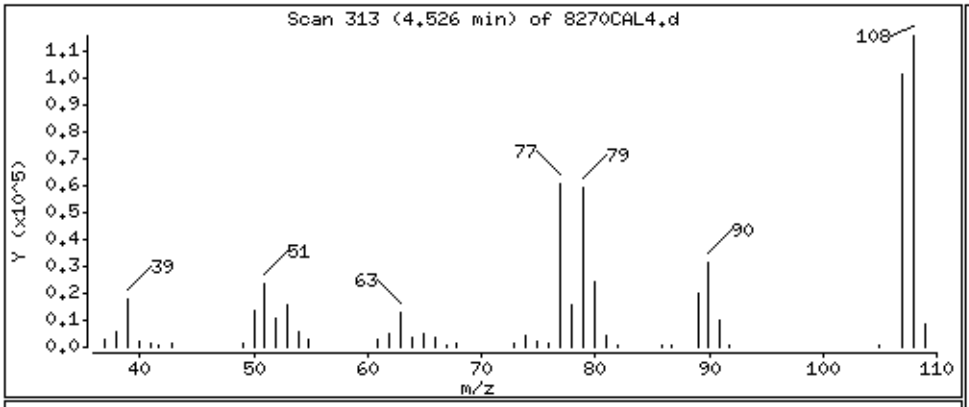
Operator: MJ

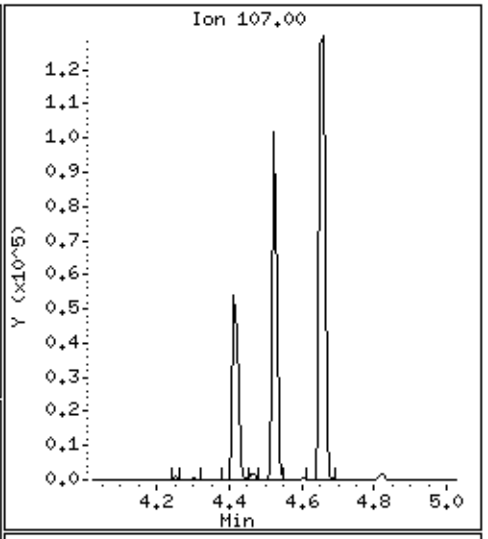
Column phase: HPMS-5

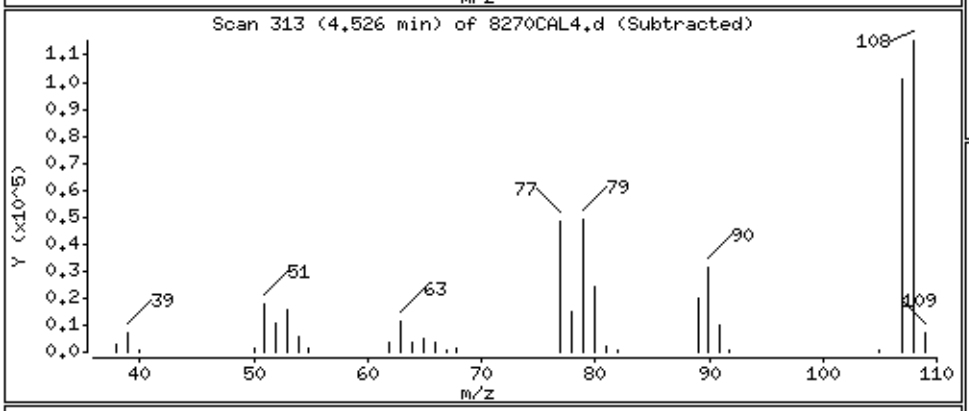
Column diameter: 0.25

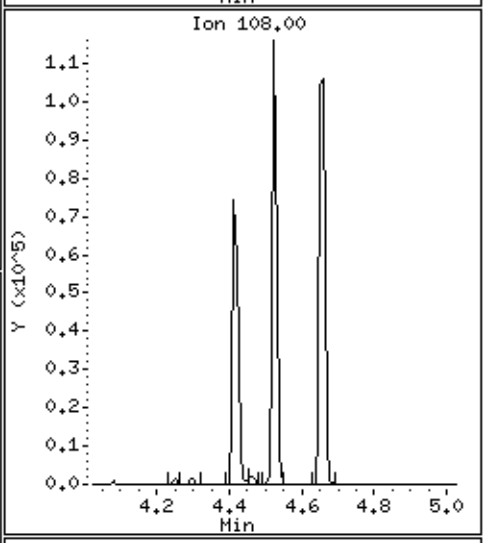
22 2-Methylphenol

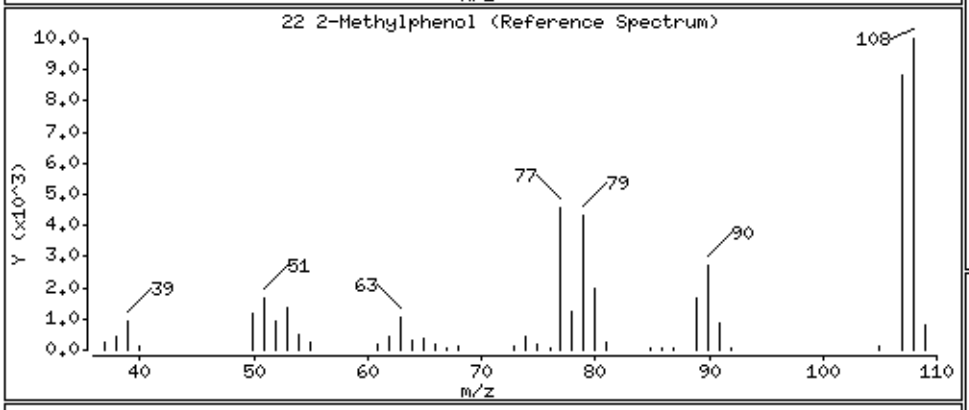
Concentration: 44.7 ug/l

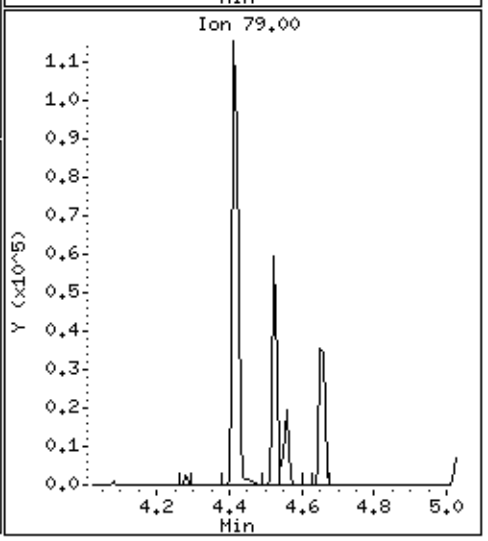


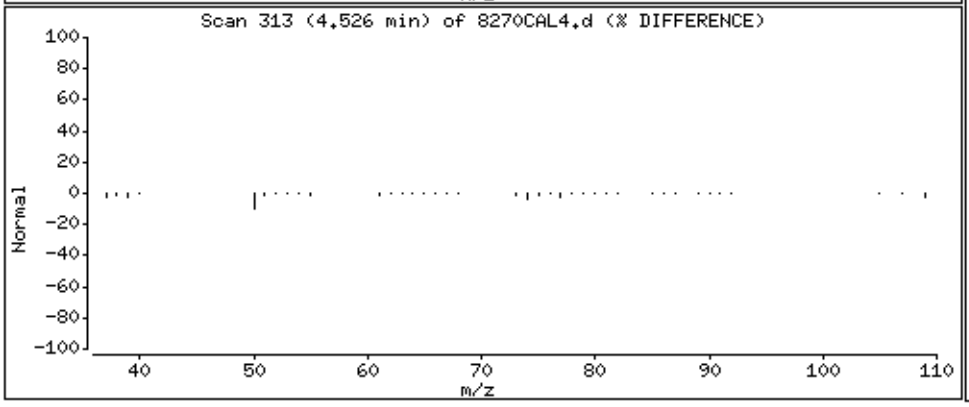












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

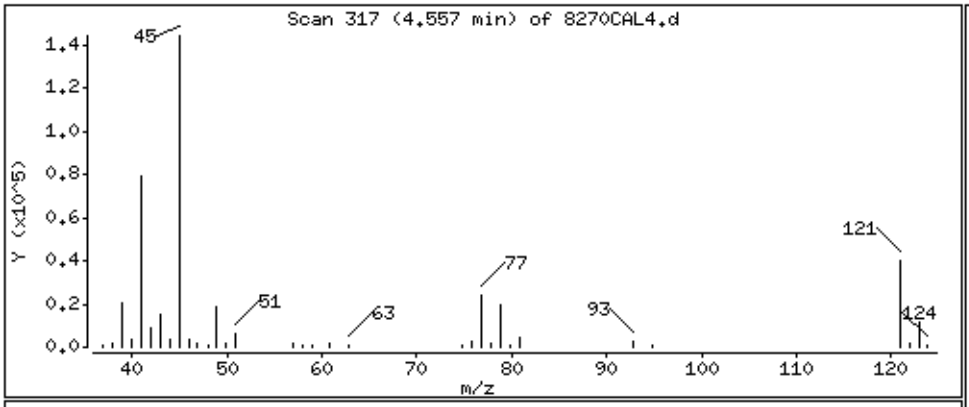
Client ID: 8270CAL4 Instrument: smsd04.i

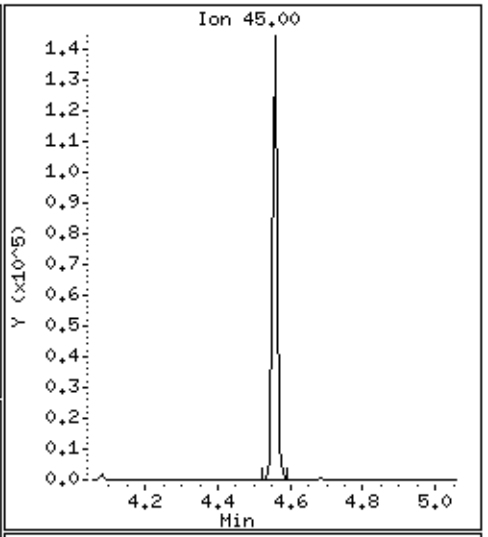
Sample Info: 47766

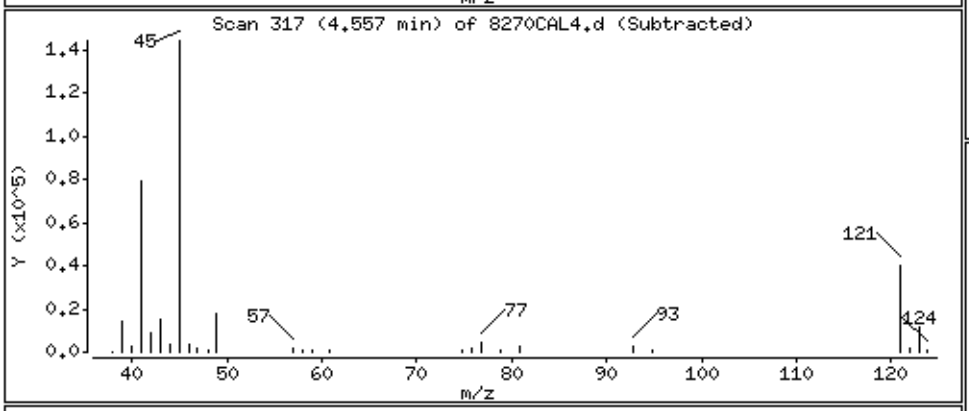
Purge Volume: 1000.0 Operator: MJ

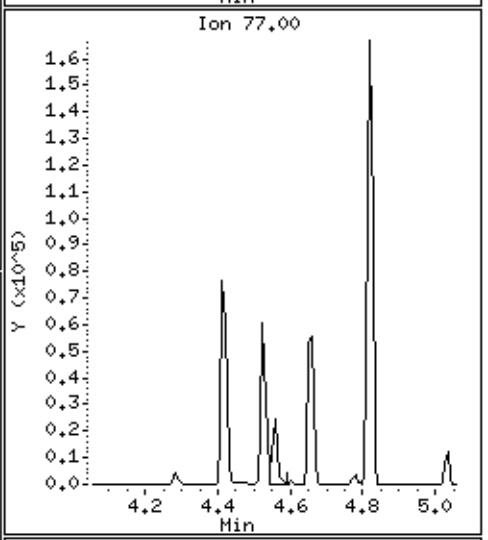
Column phase: HPMS-5 Column diameter: 0.25

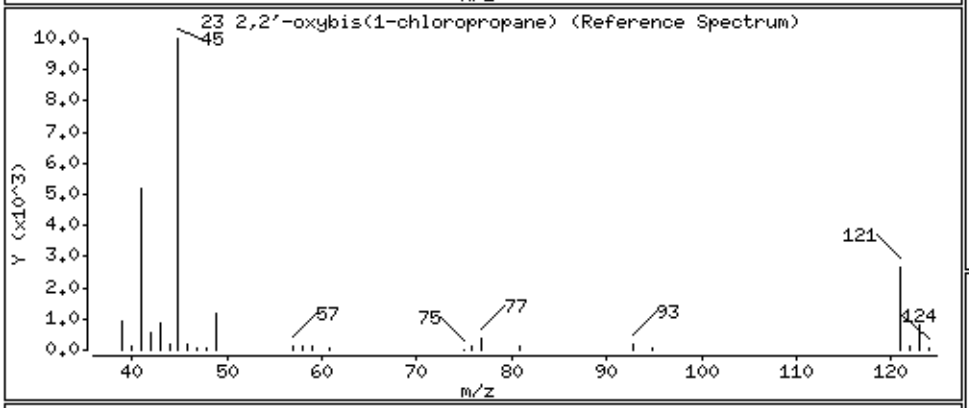
23 2,2'-oxybis(1-chloropropane) Concentration: 42.3 ug/l

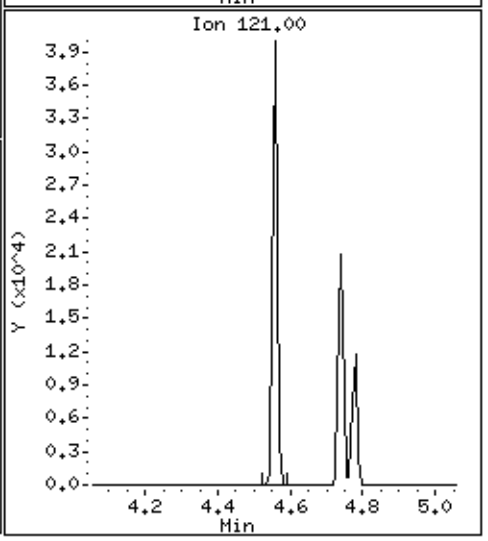


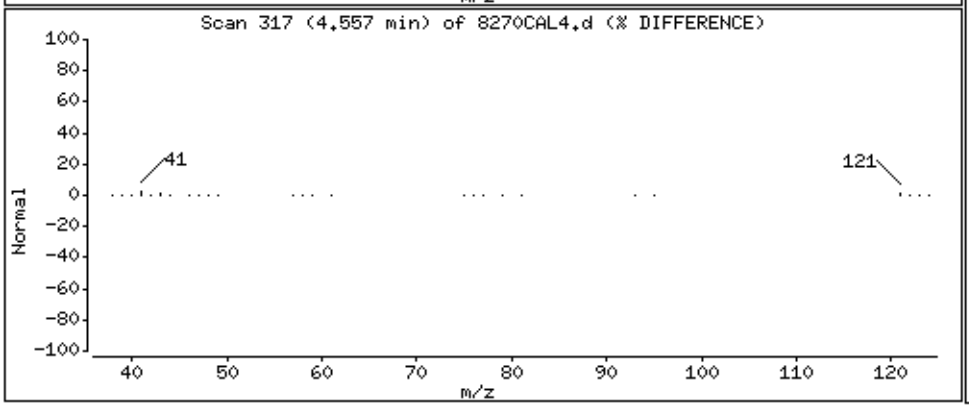












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Date : 26-NOV-2012 17:04

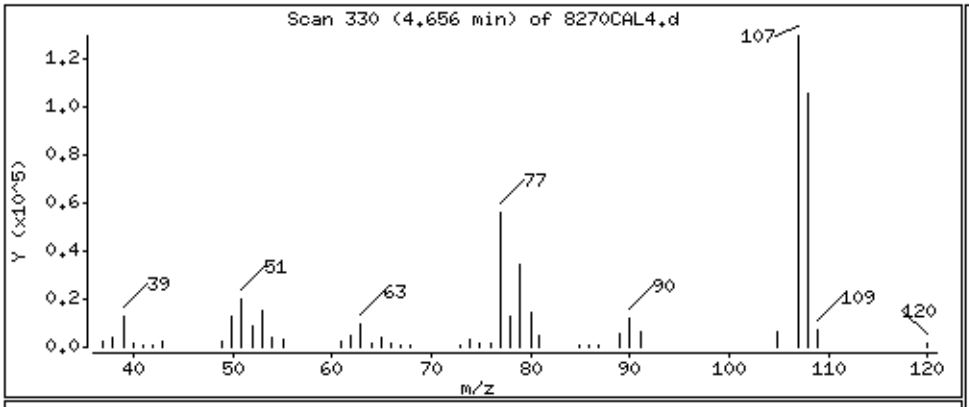
Client ID: 8270CAL4 Instrument: smsd04.i

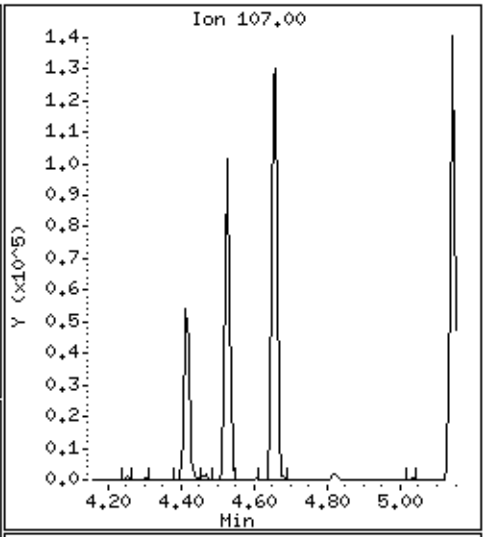
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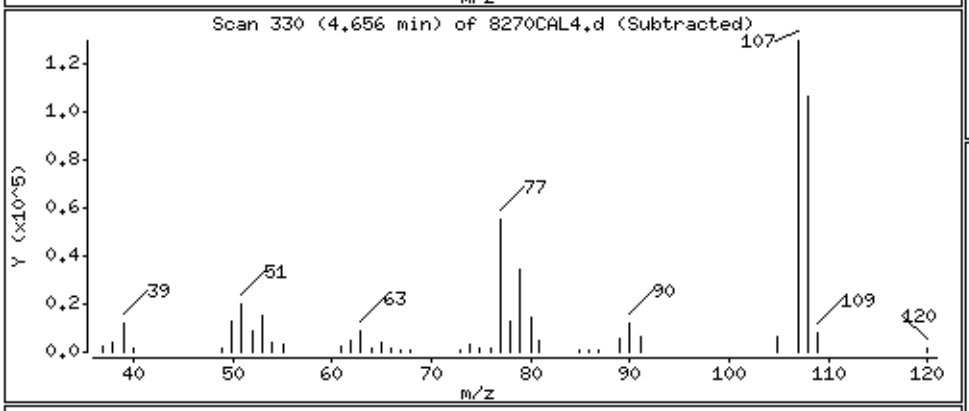
Purge Volume: 1000.0 Operator: MJ

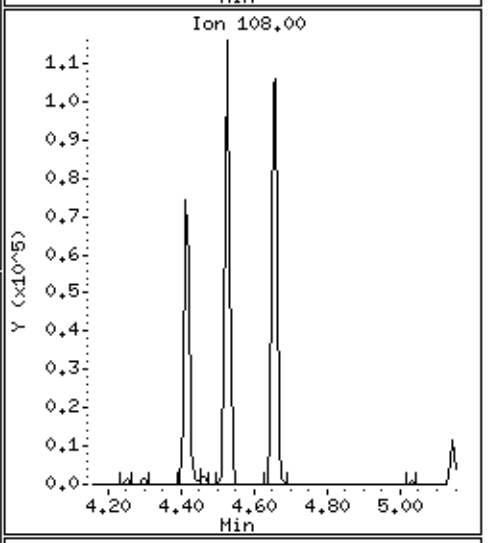
Column phase: HPMS-5 Column diameter: 0.25

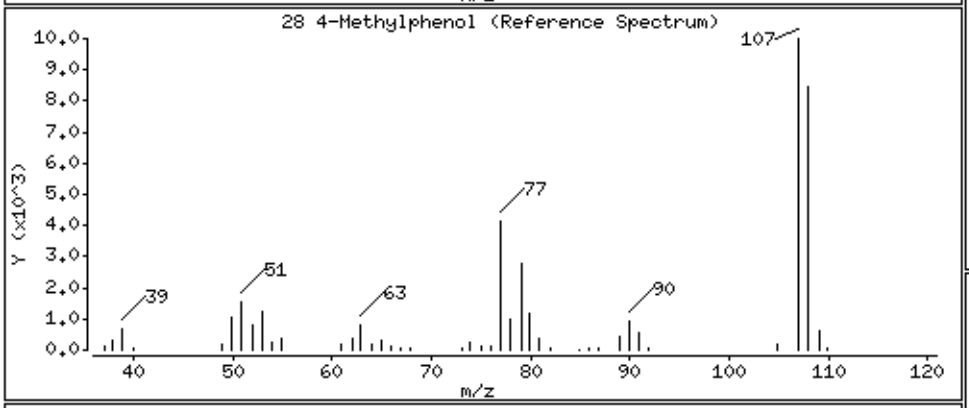
28 4-Methylphenol Concentration: 44.9 ug/l

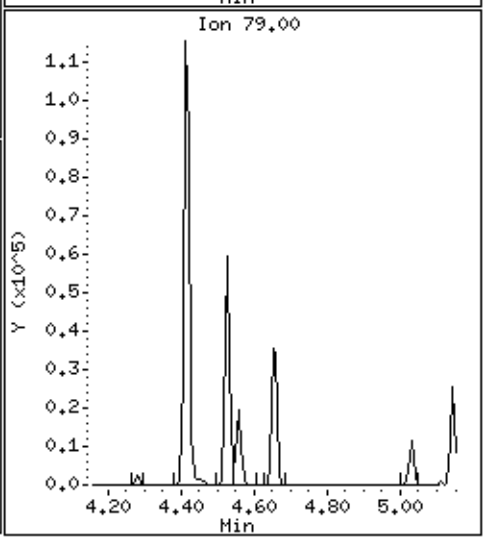


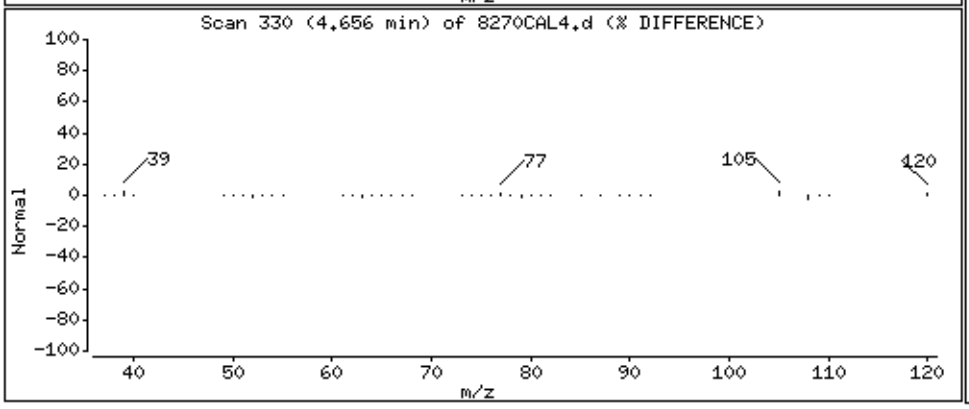












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Date : 26-NOV-2012 17:04

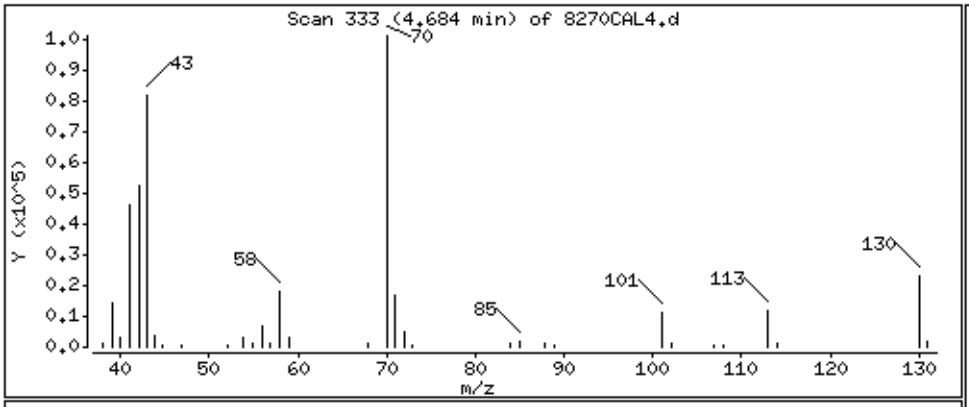
Client ID: 8270CAL4 Instrument: smsd04.i

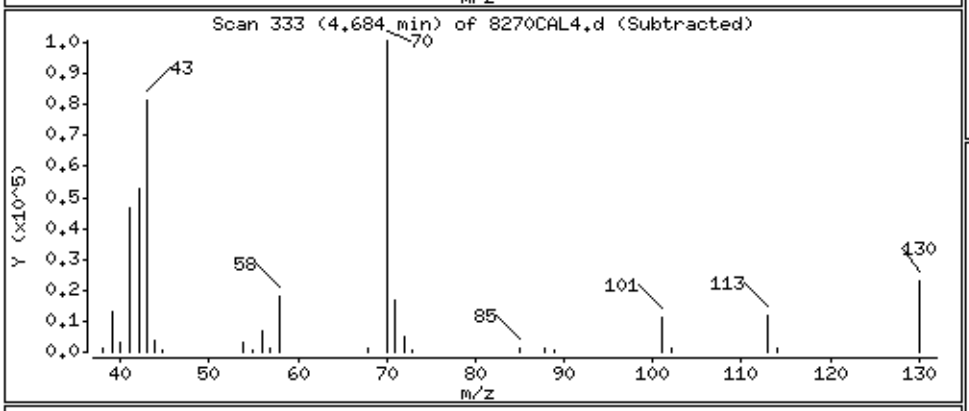
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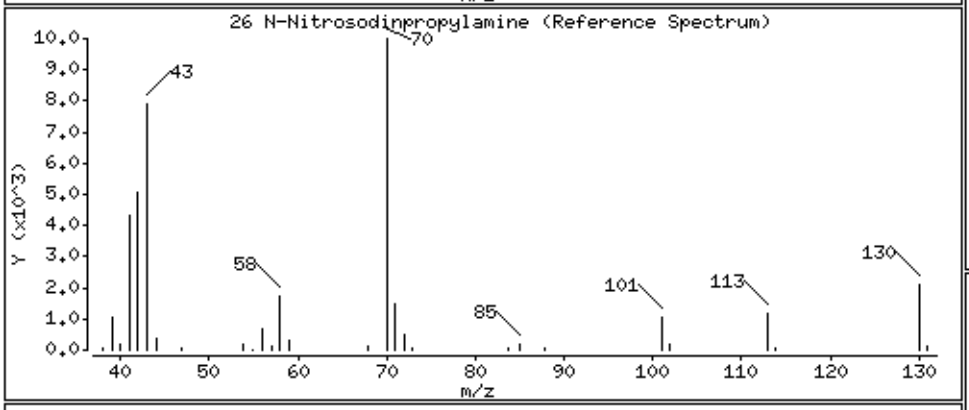
Purge Volume: 1000.0 Operator: MJ

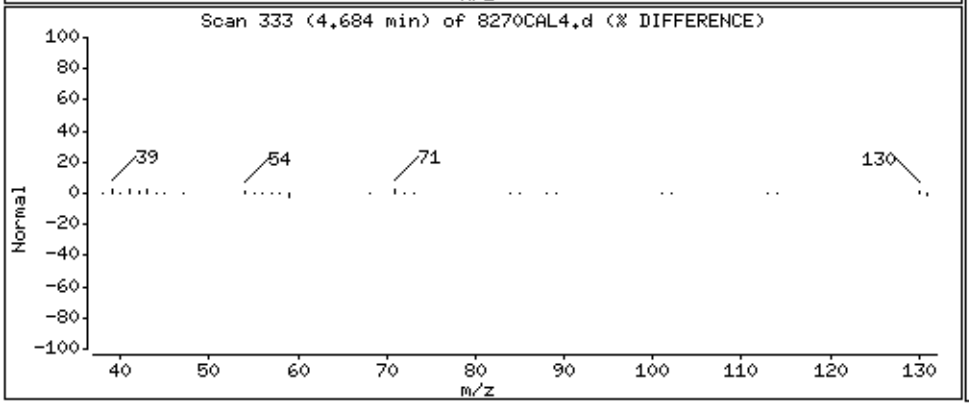
Column phase: HPMS-5 Column diameter: 0.25

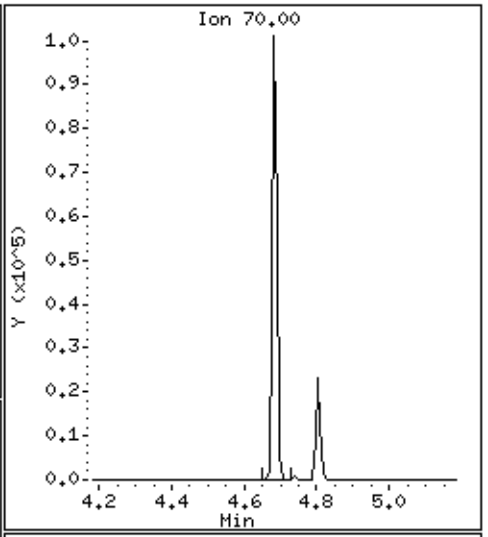
26 N-Nitrosodinpropylamine Concentration: 44.0 ug/l

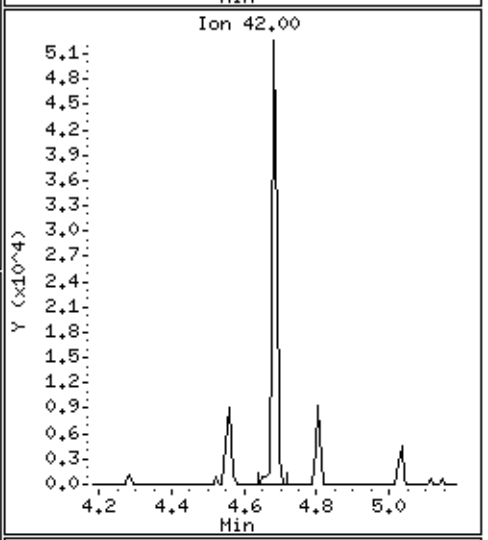


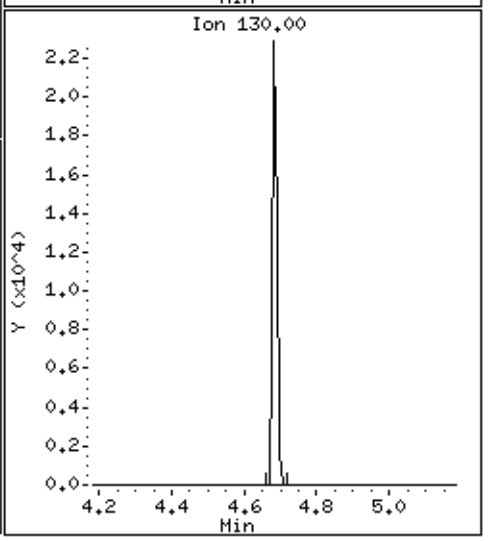












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

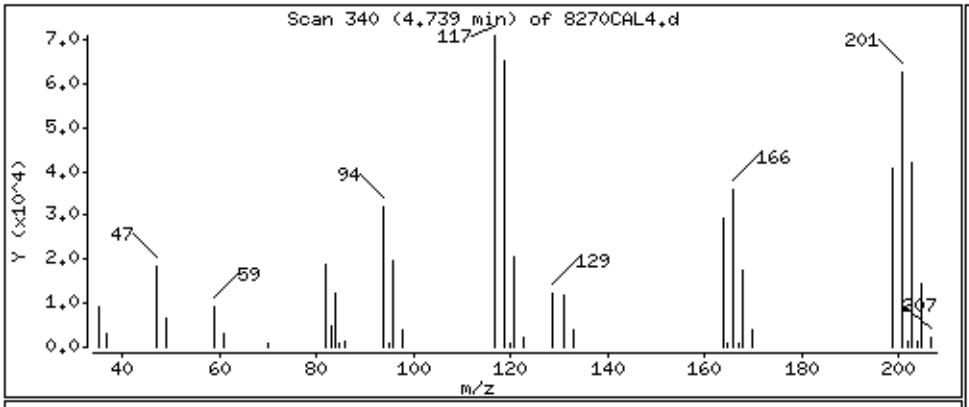
Client ID: 8270CAL4 Instrument: smsd04.i

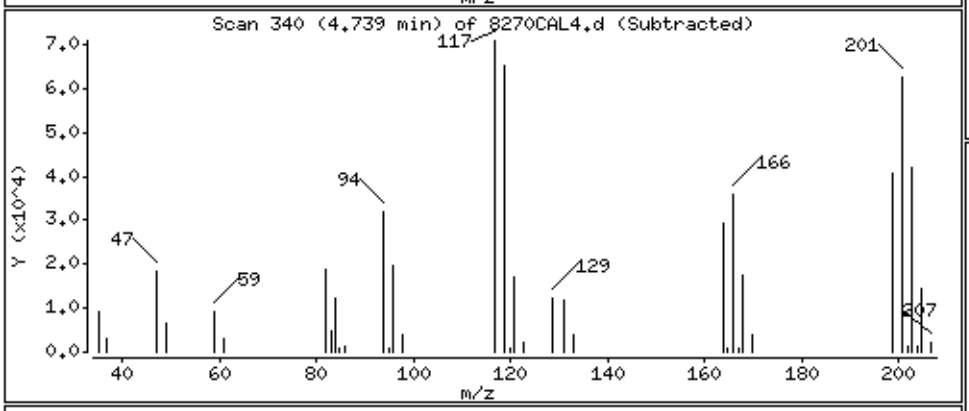
Sample Info: 47766

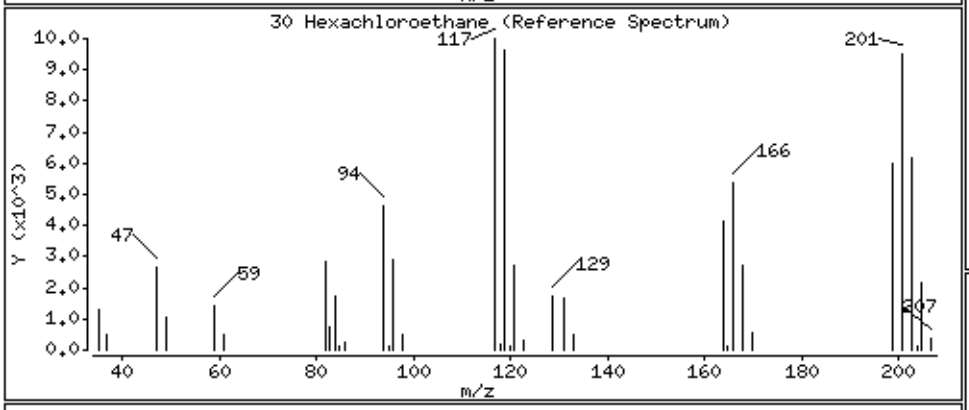
Purge Volume: 1000.0 Operator: MJ

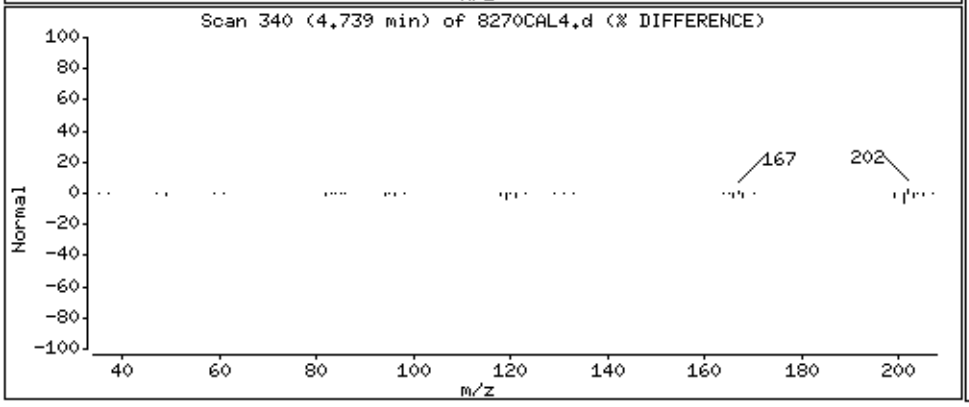
Column phase: HPMS-5 Column diameter: 0.25

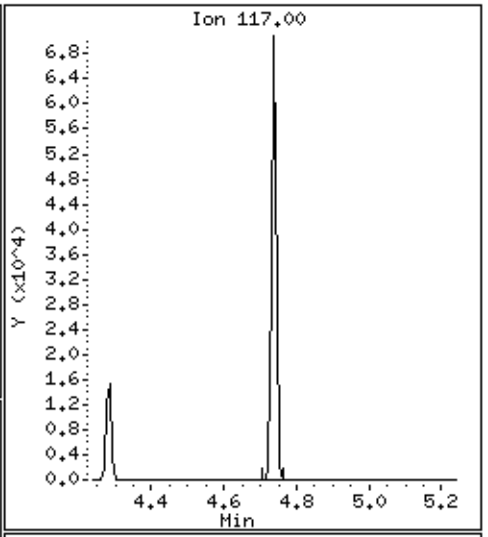
30 Hexachloroethane Concentration: 48.0 ug/l

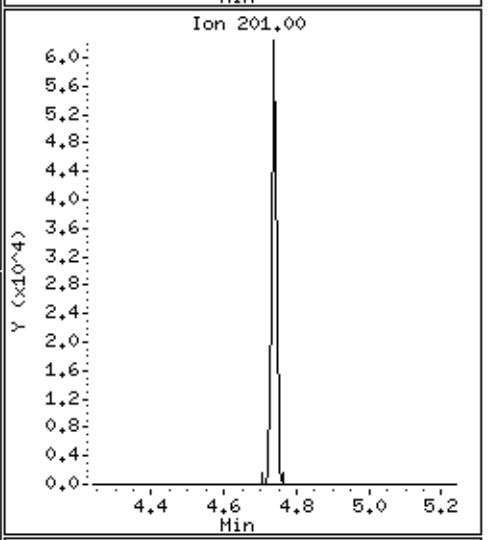


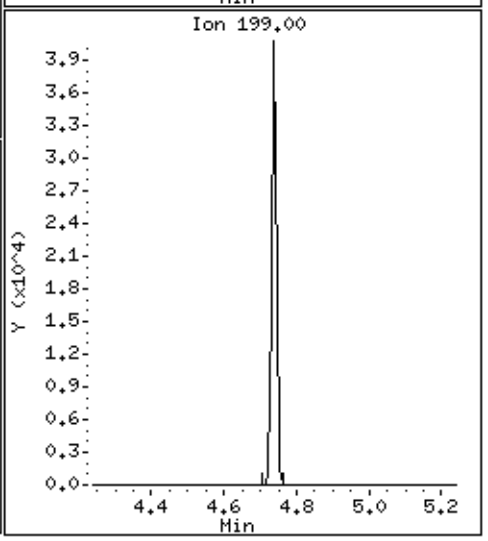












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

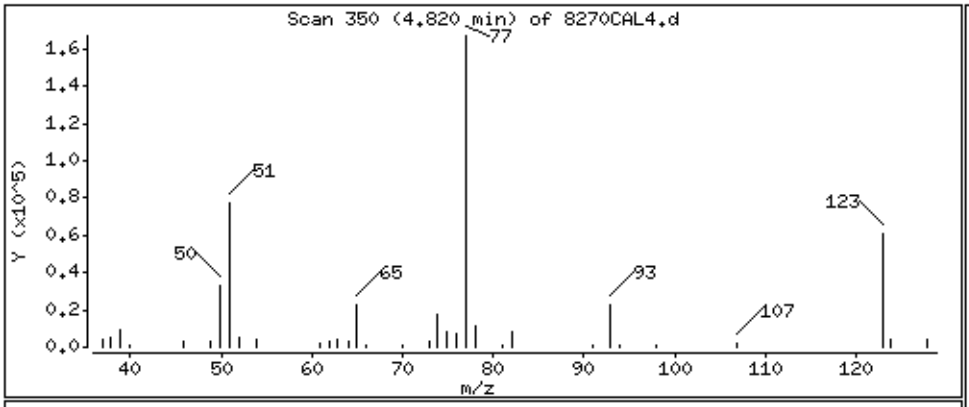
Operator: MJ

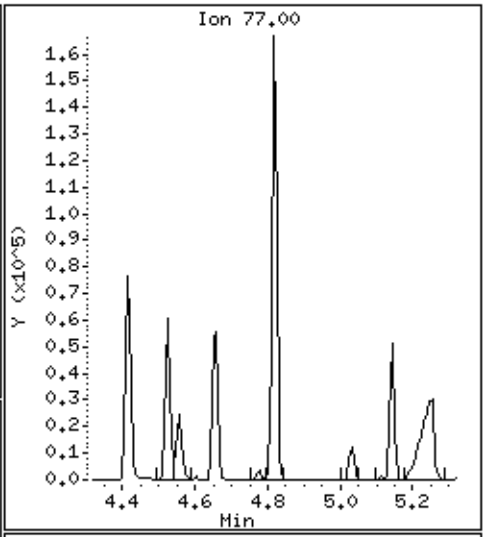
Column phase: HPMS-5

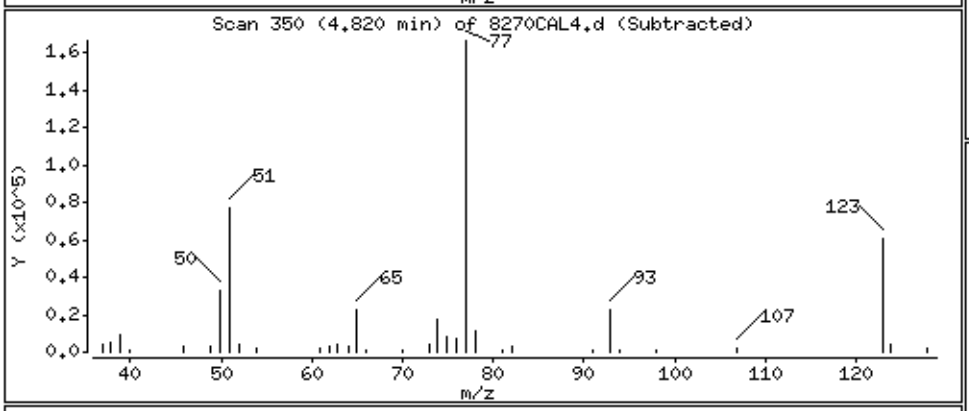
Column diameter: 0.25

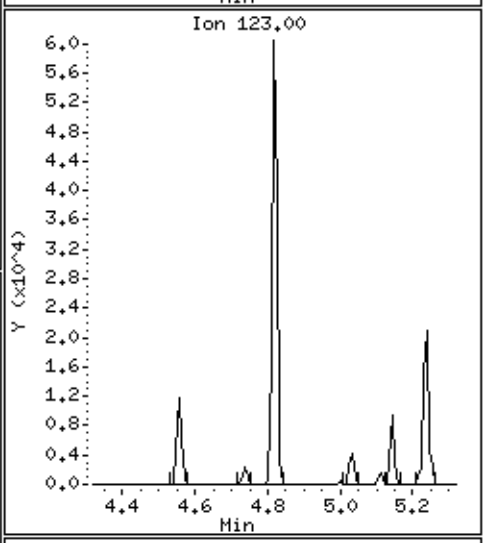
32 Nitrobenzene

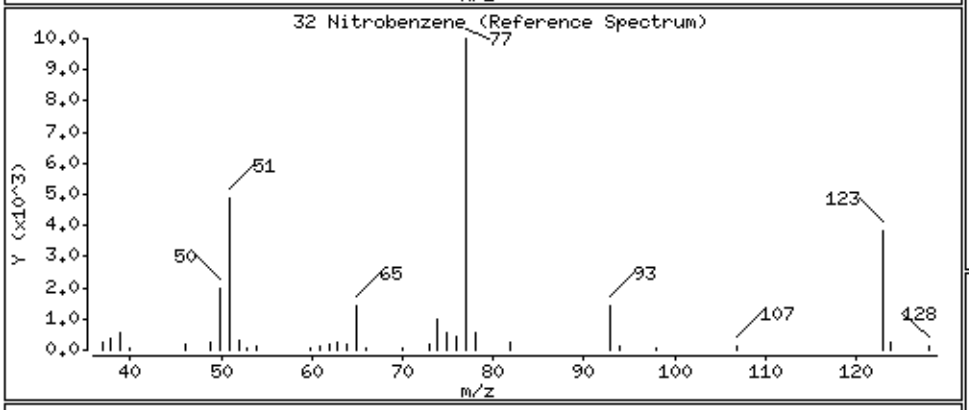
Concentration: 44.5 ug/l

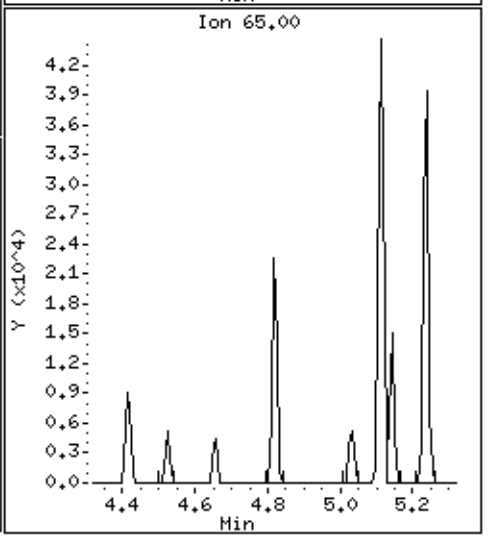


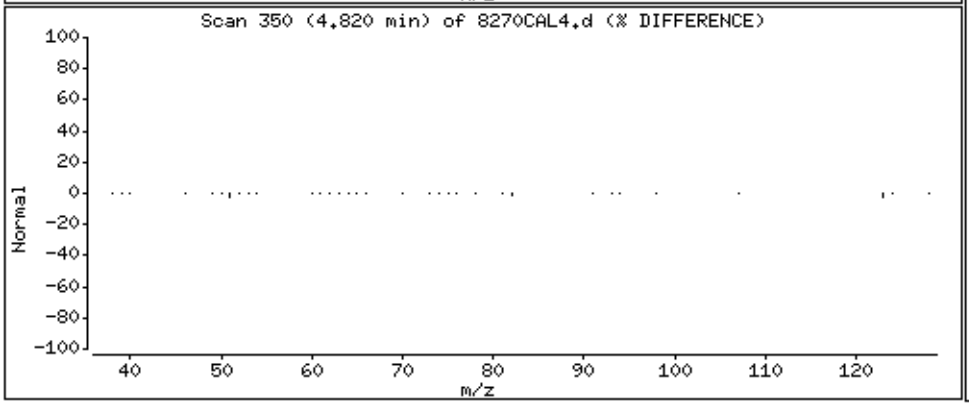












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

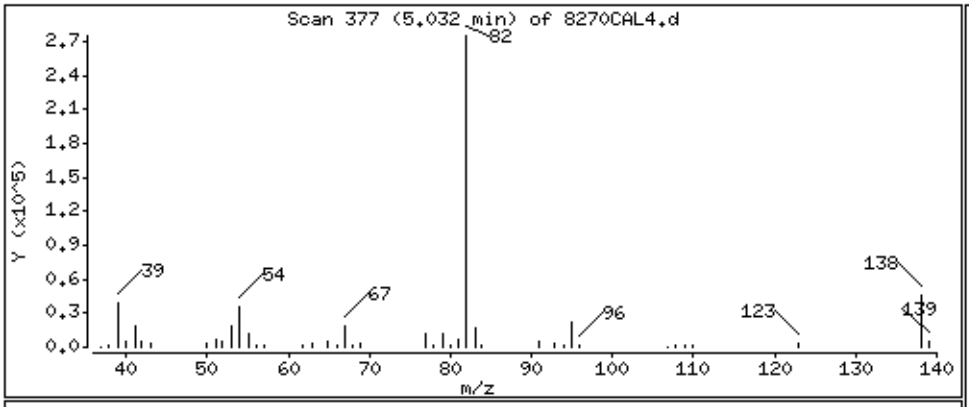
Client ID: 8270CAL4 Instrument: smsd04.i

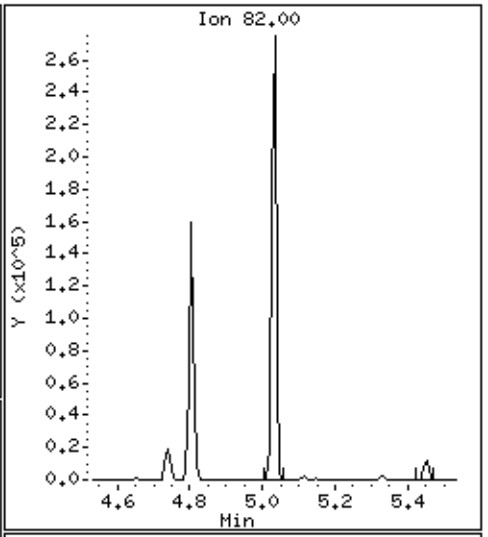
Sample Info: 47766

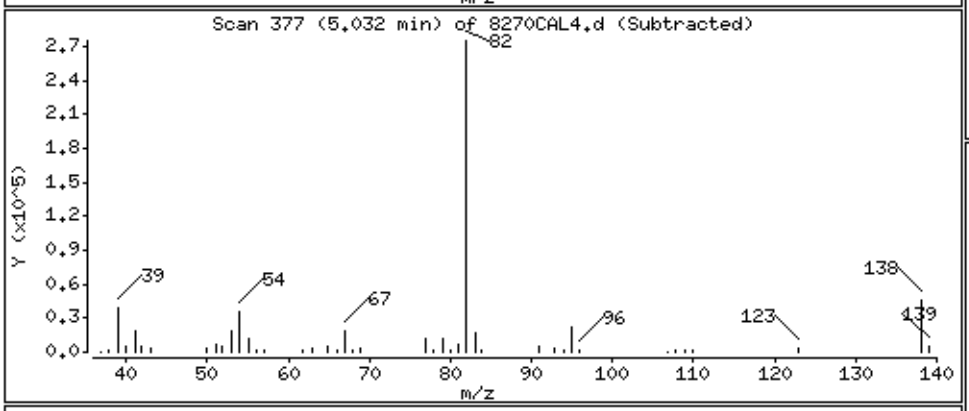
Purge Volume: 1000.0 Operator: MJ

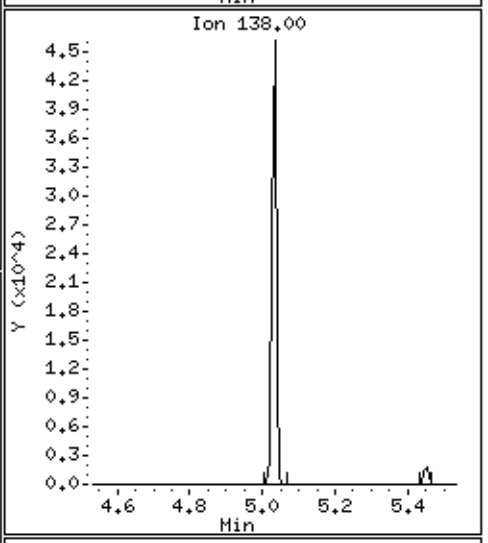
Column phase: HPMS-5 Column diameter: 0.25

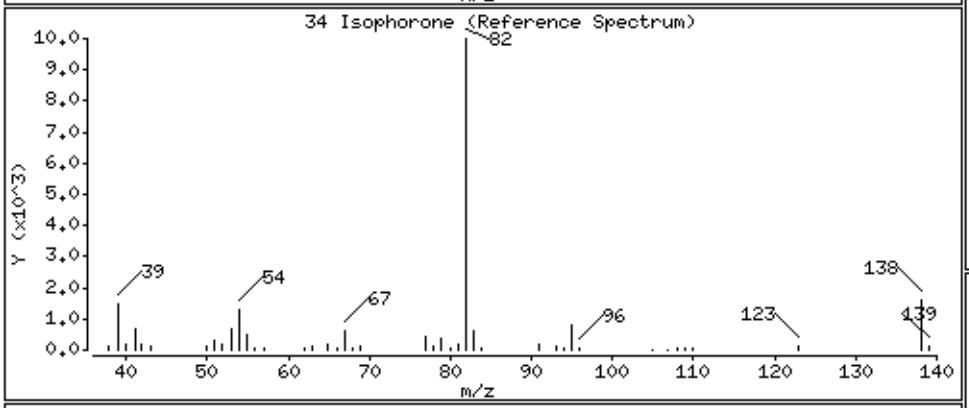
34 Isophorone Concentration: 45.1 ug/l

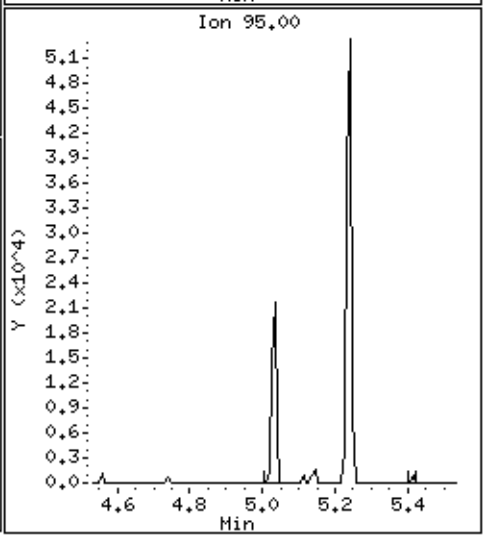


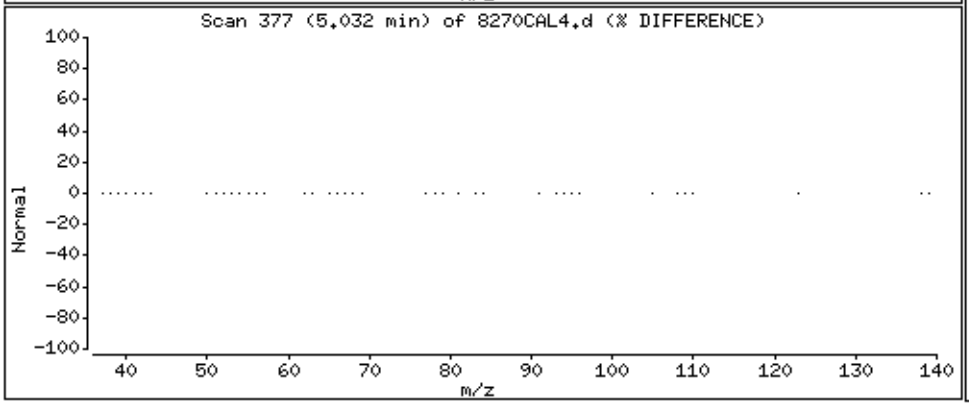












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

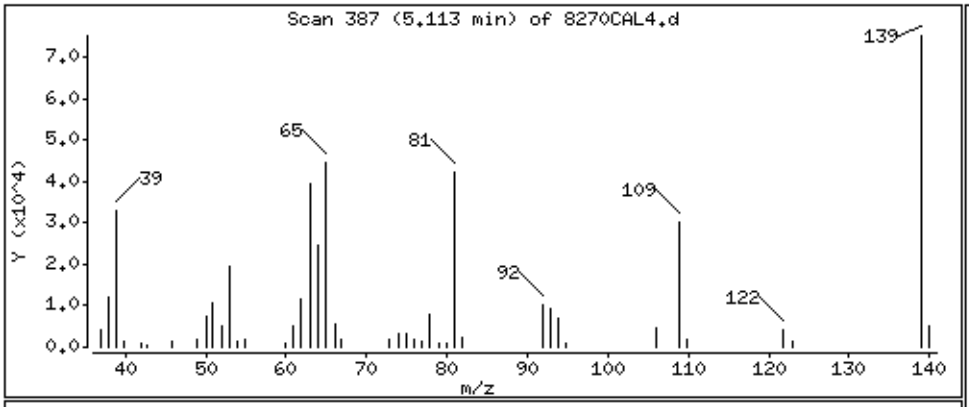
Operator: MJ

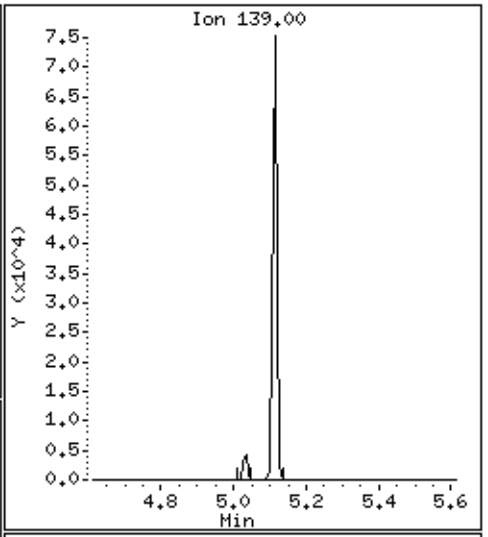
Column phase: HPMS-5

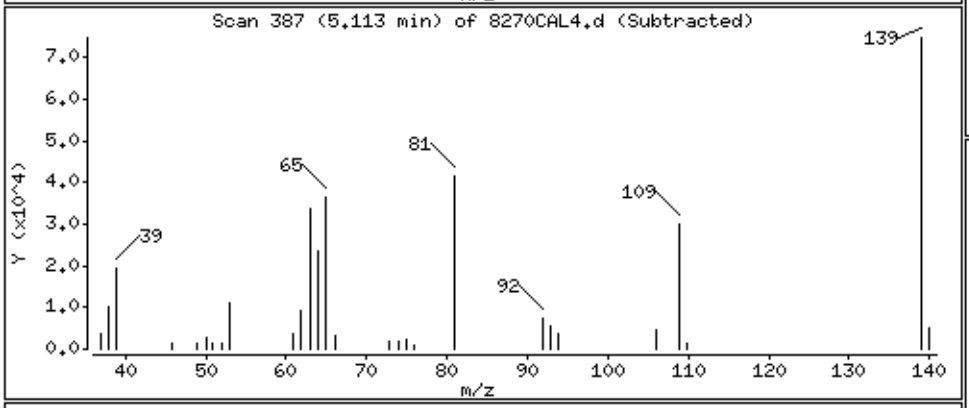
Column diameter: 0.25

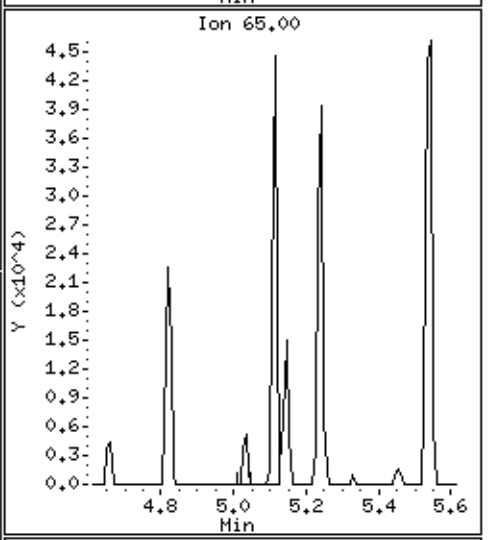
35 2-Nitrophenol

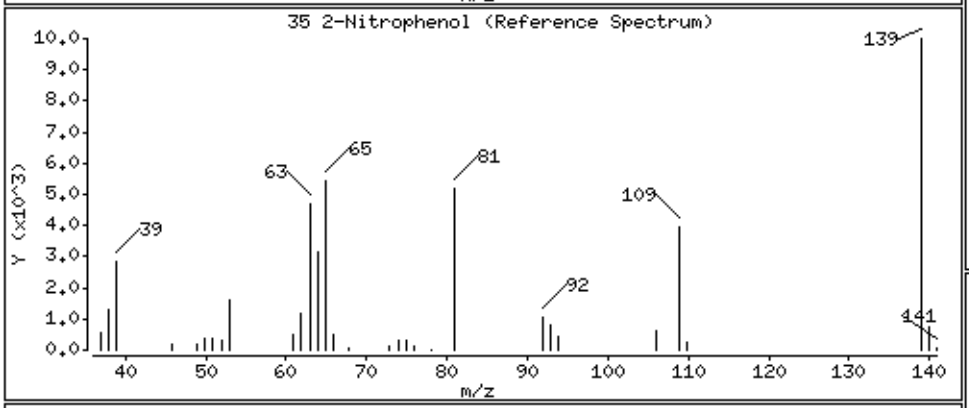
Concentration: 46.9 ug/l

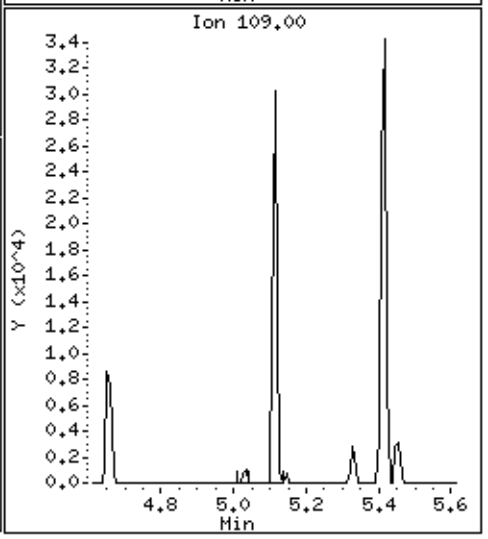


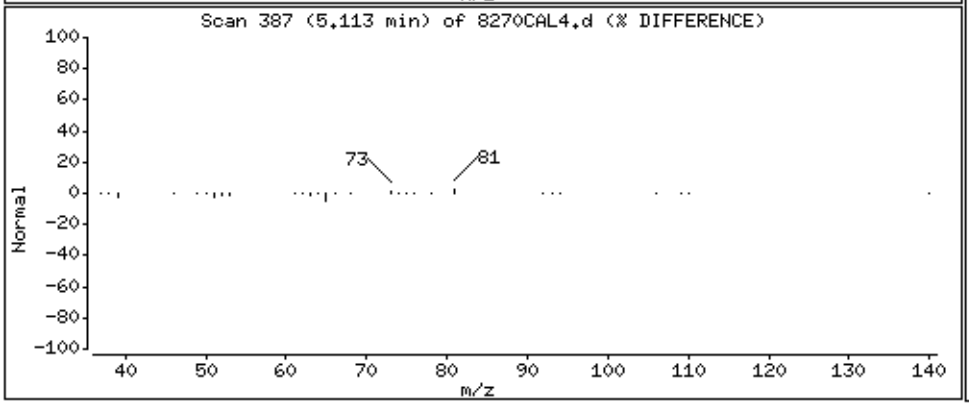












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

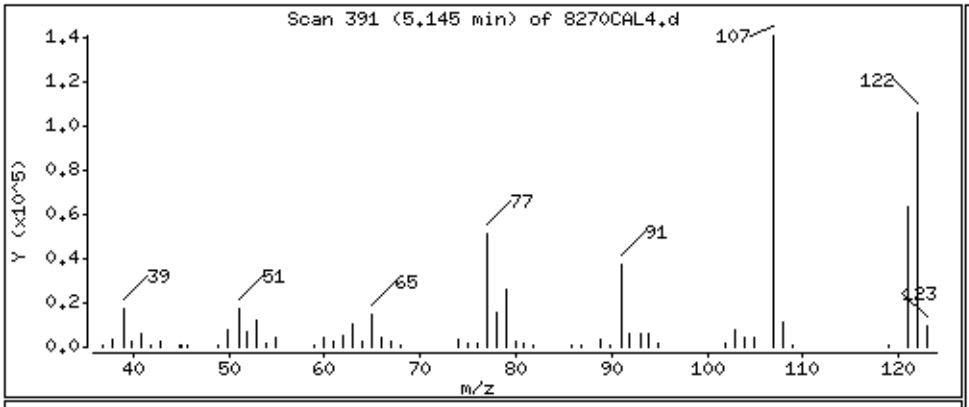
Operator: MJ

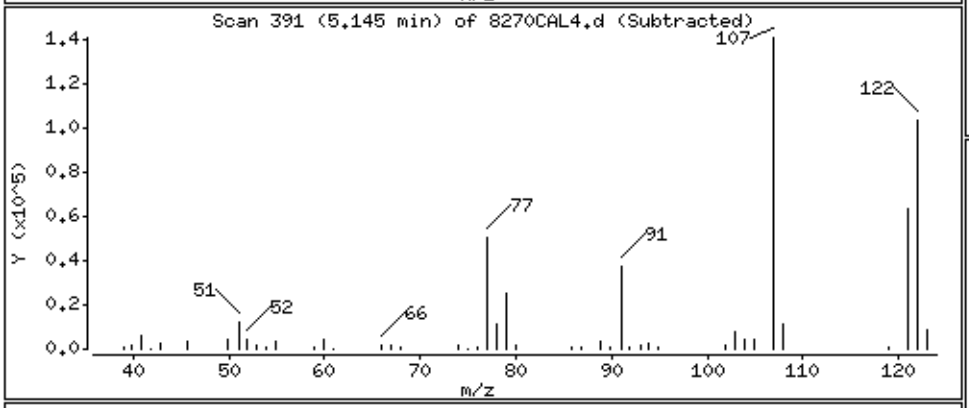
Column phase: HPMS-5

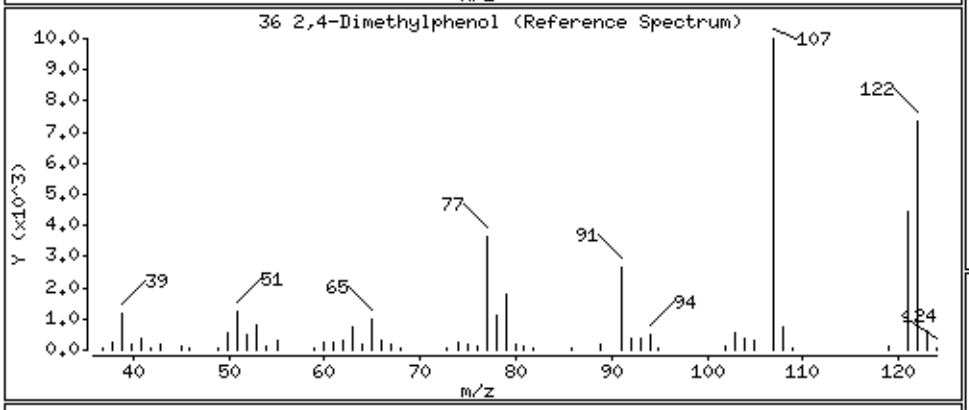
Column diameter: 0.25

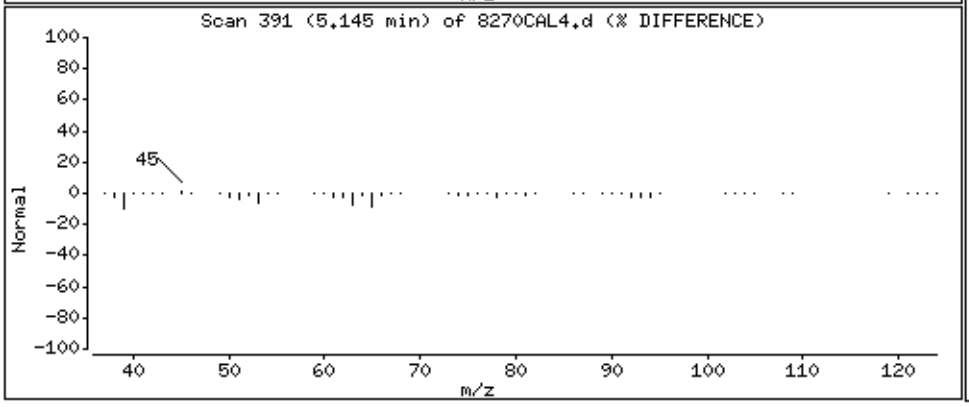
36 2,4-Dimethylphenol

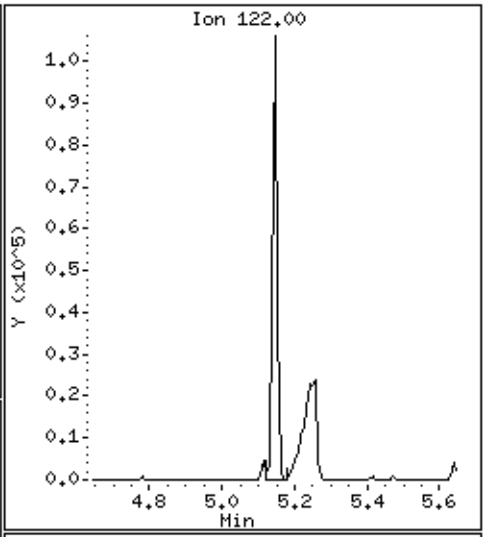
Concentration: 45.0 ug/l

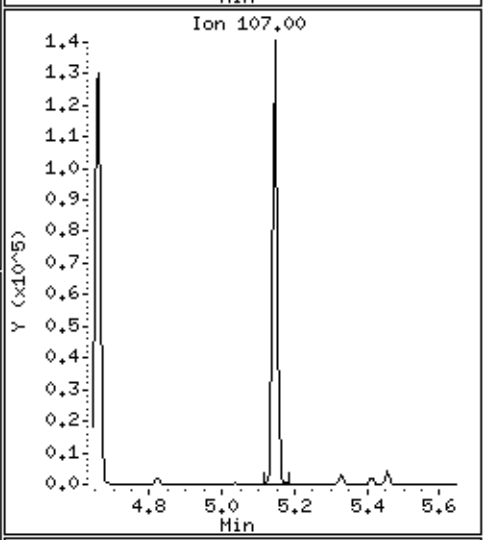


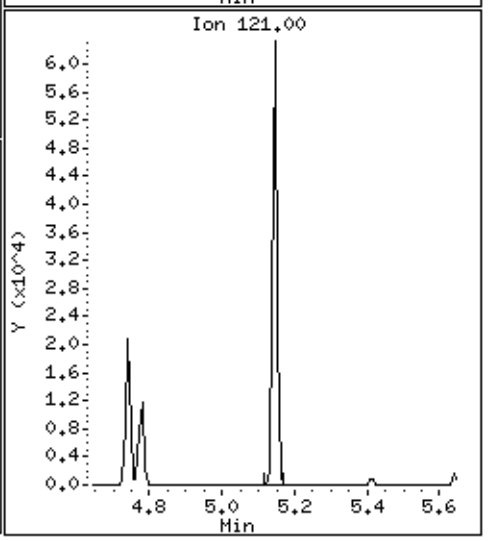












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

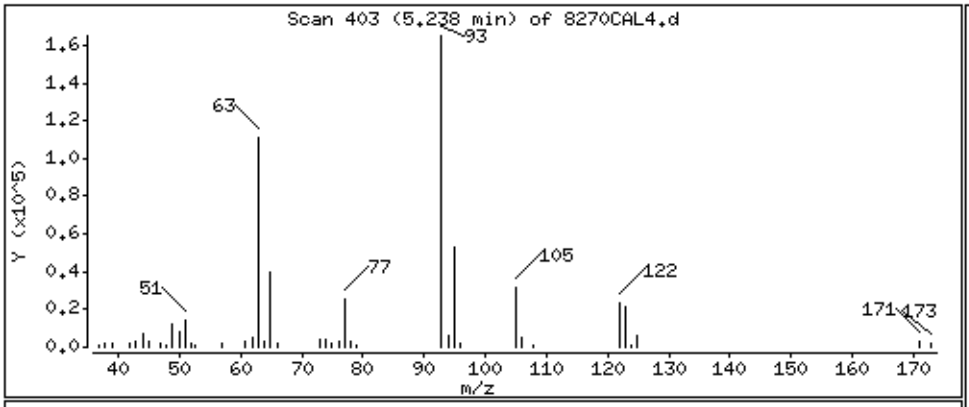
Operator: MJ

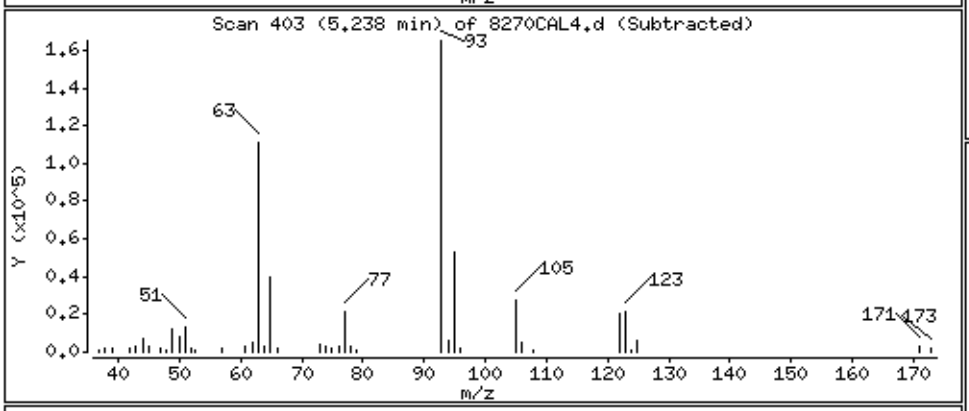
Column phase: HPMS-5

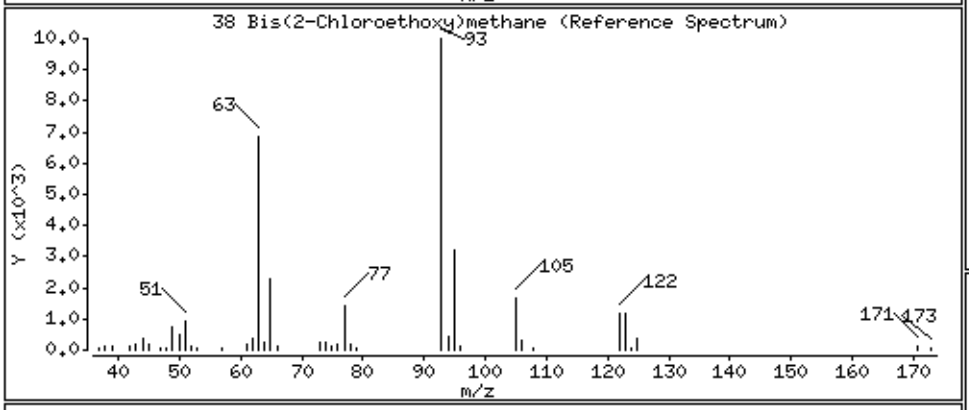
Column diameter: 0.25

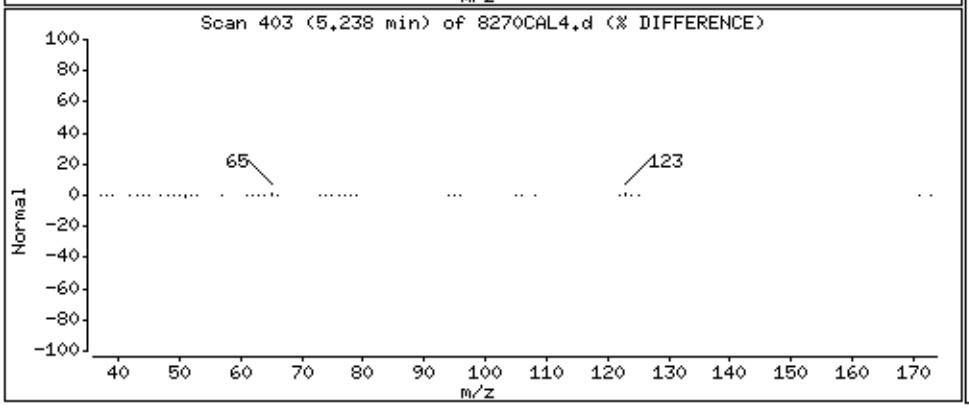
38 Bis(2-Chloroethoxy)methane

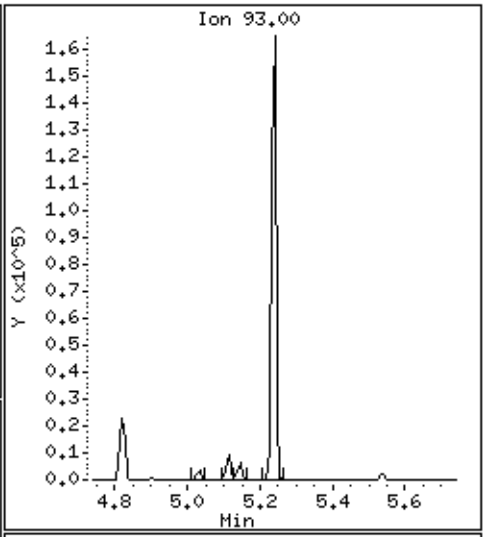
Concentration: 45.3 ug/l

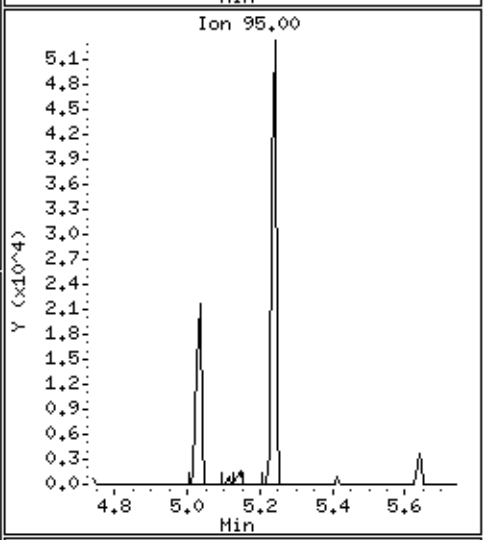


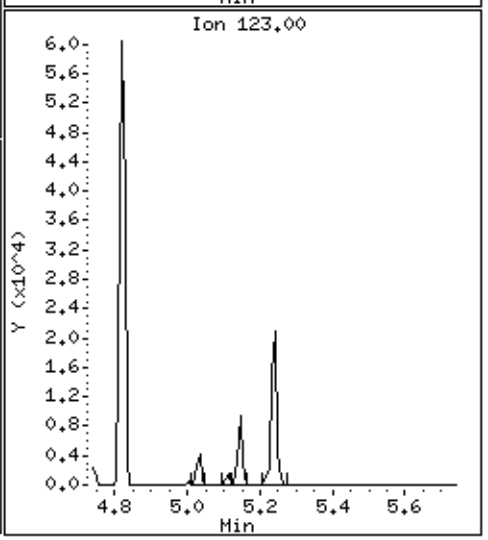












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

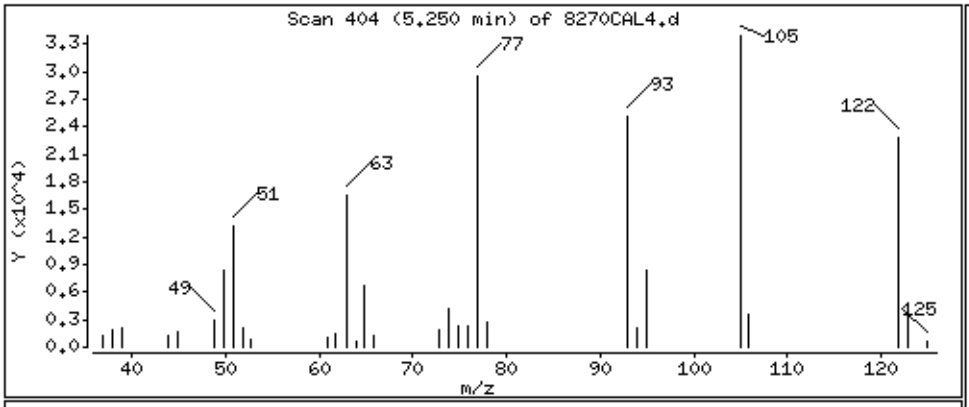
Operator: MJ

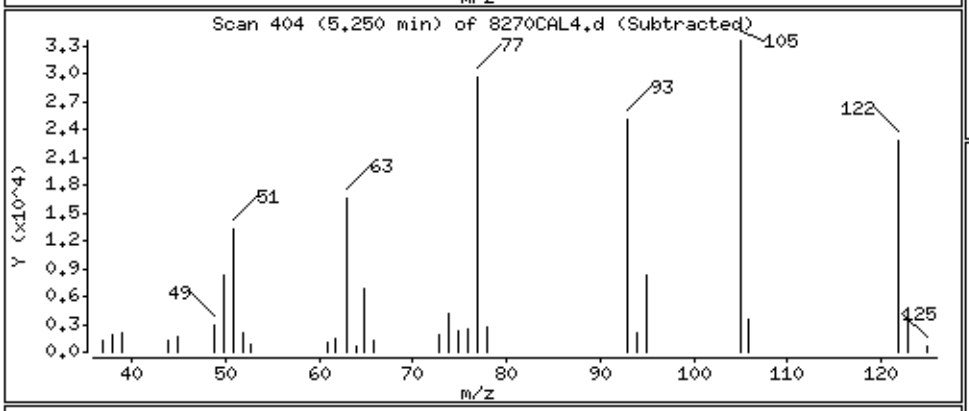
Column phase: HPMS-5

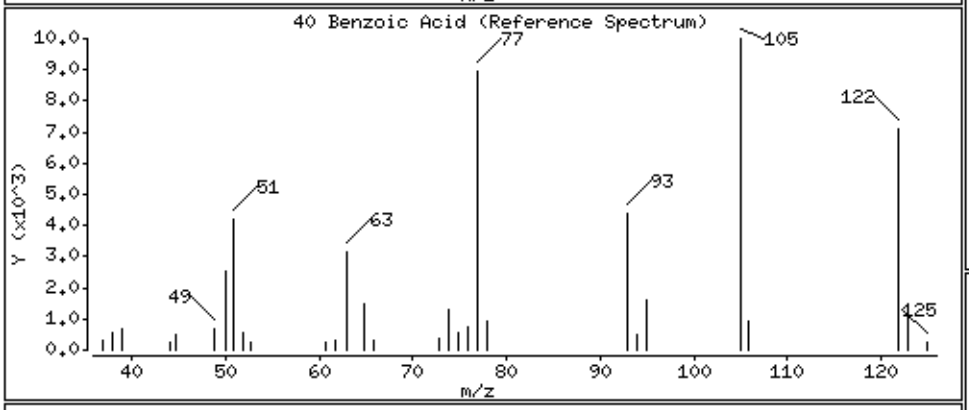
Column diameter: 0.25

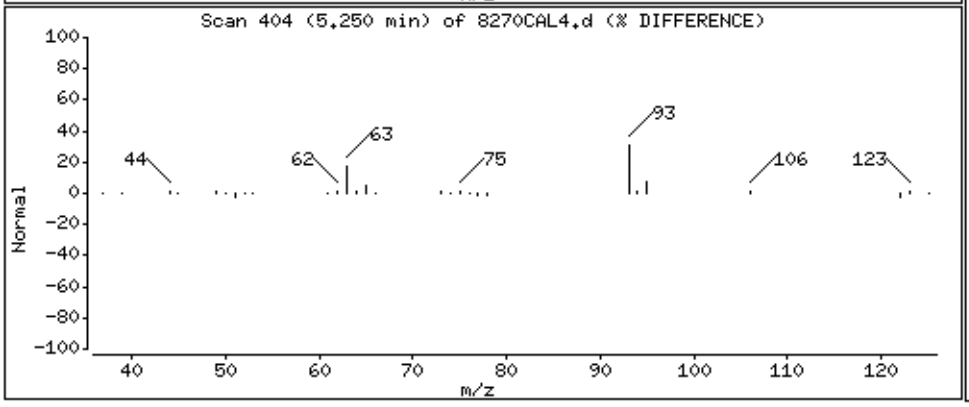
40 Benzoic Acid

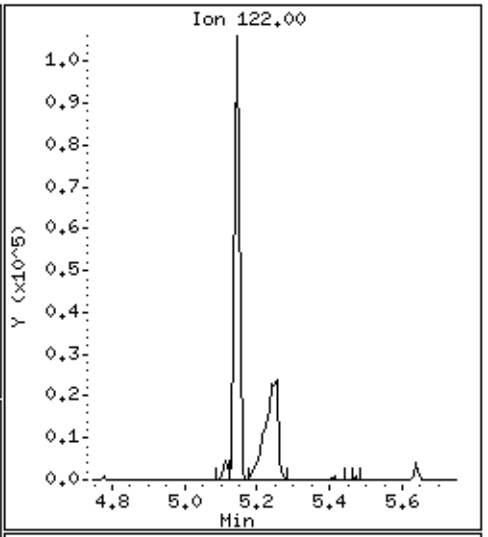
Concentration: 42.5 ug/l

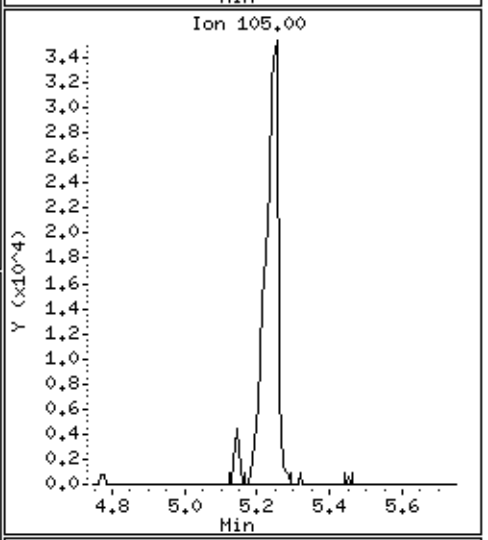


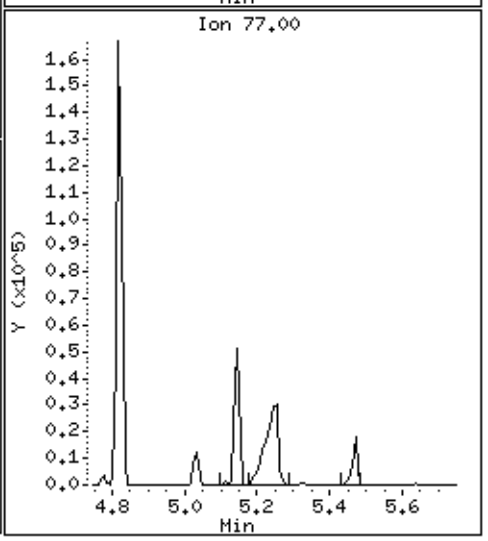












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

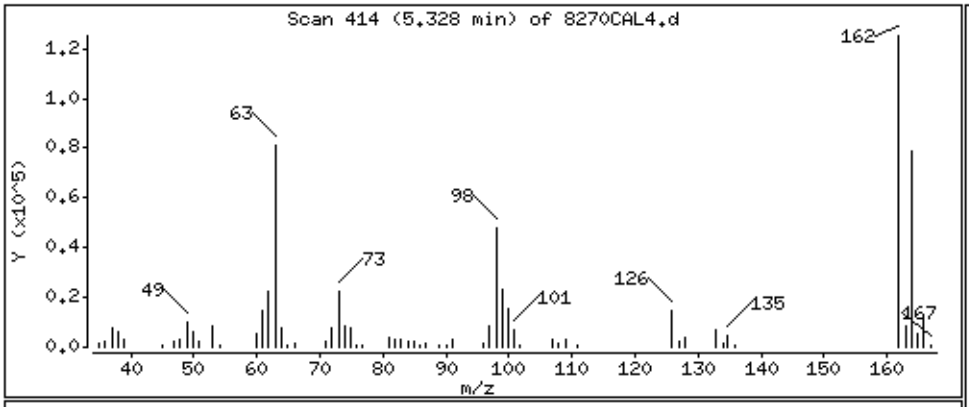
Operator: MJ

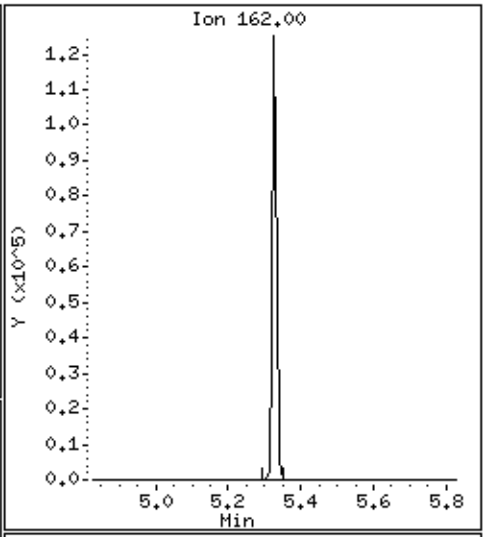
Column phase: HPMS-5

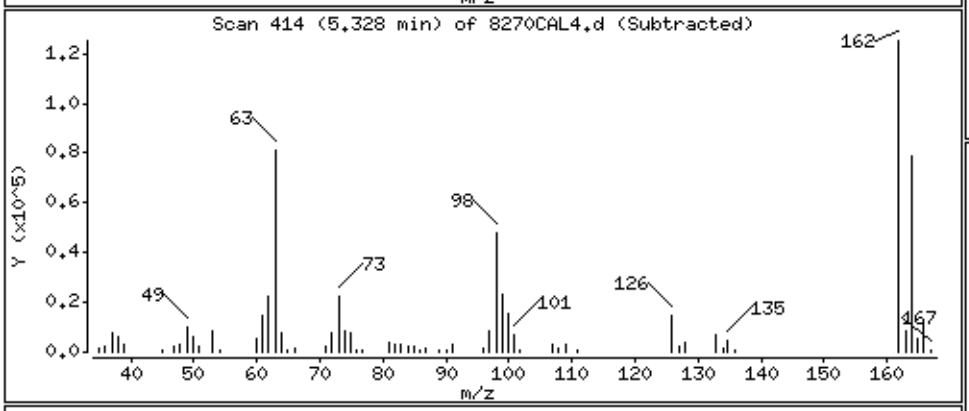
Column diameter: 0.25

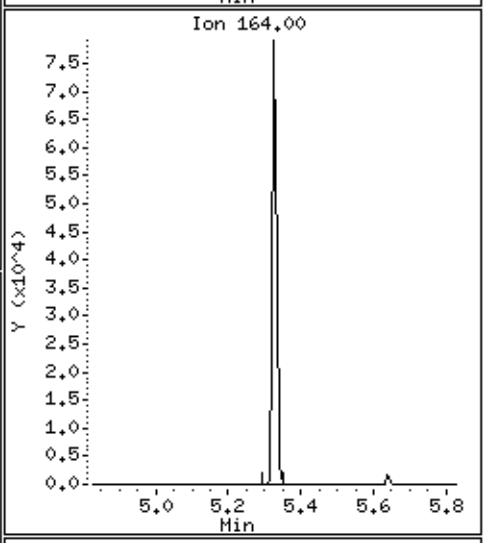
41 2,4-Dichlorophenol

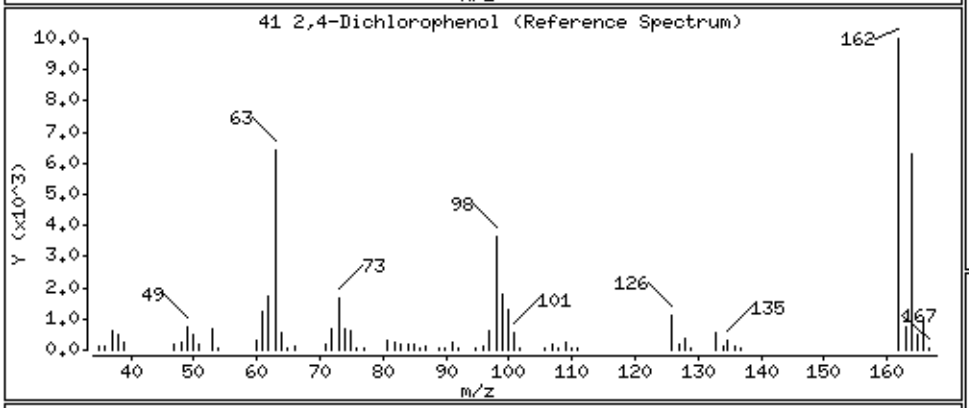
Concentration: 45.5 ug/l

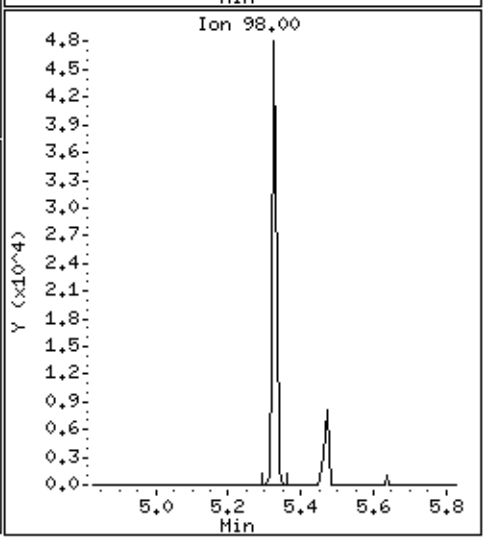


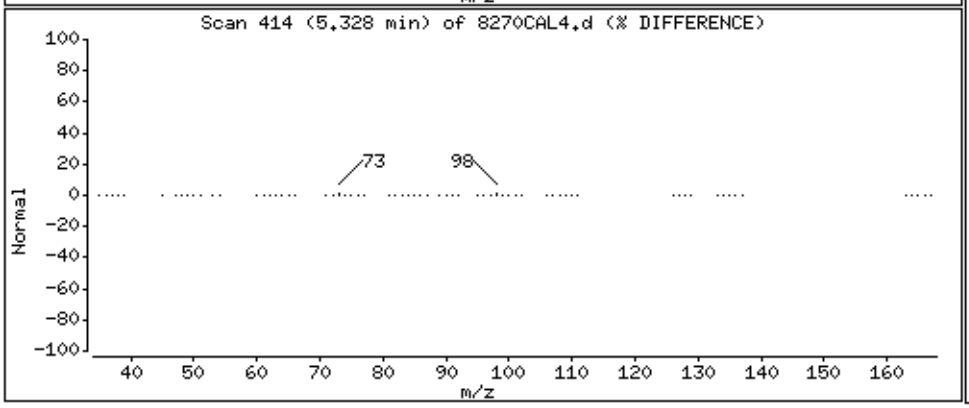












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

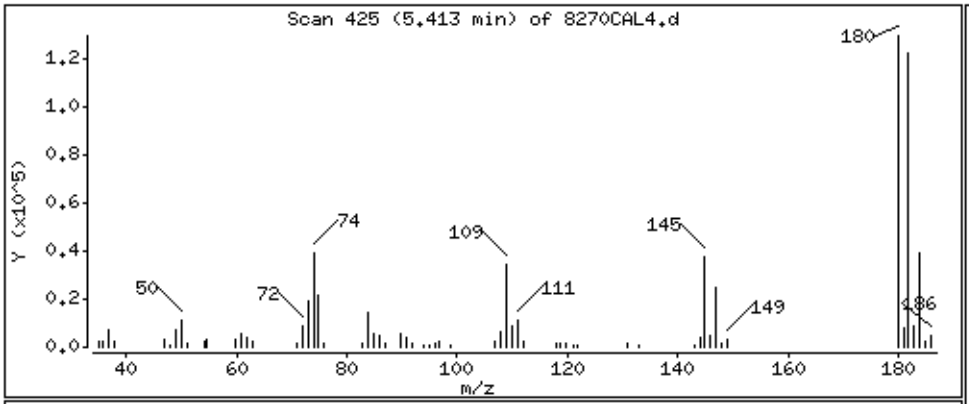
Client ID: 8270CAL4 Instrument: smsd04.i

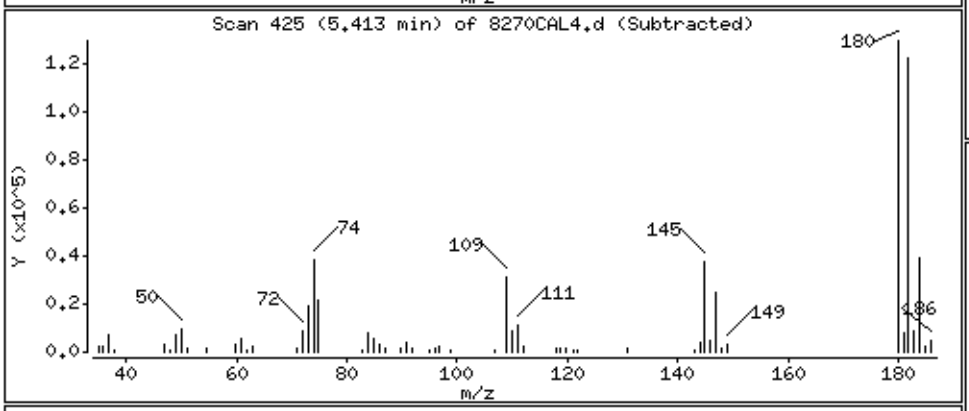
Sample Info: 47766

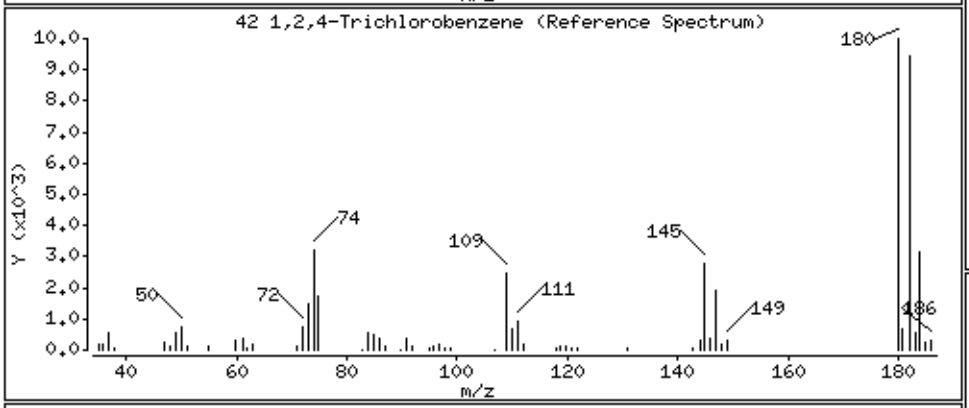
Purge Volume: 1000.0 Operator: MJ

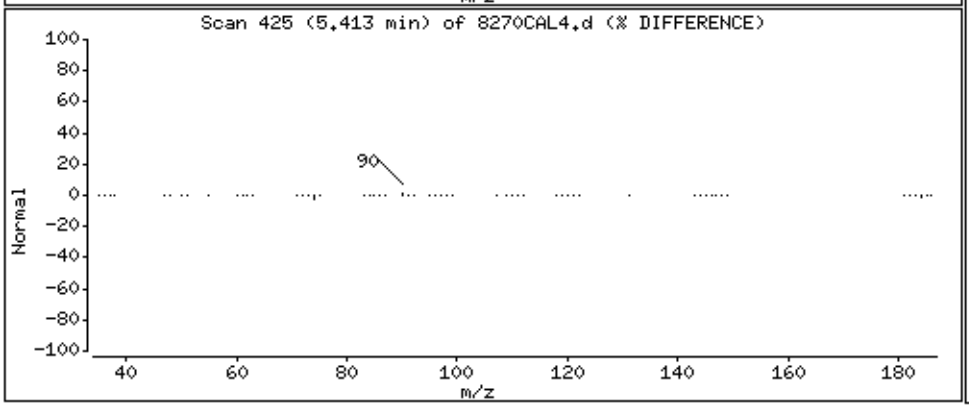
Column phase: HPMS-5 Column diameter: 0.25

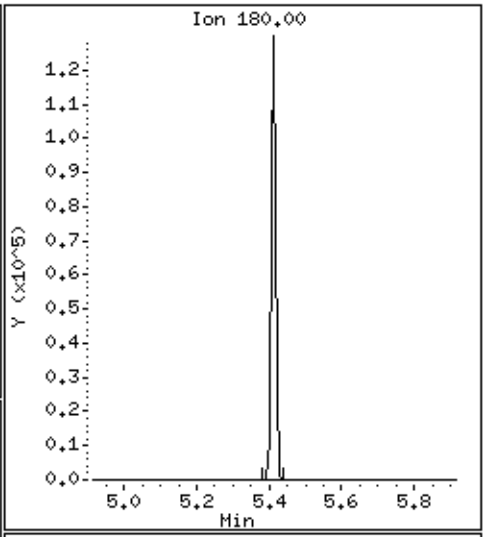
42 1,2,4-Trichlorobenzene Concentration: 45.6 ug/l

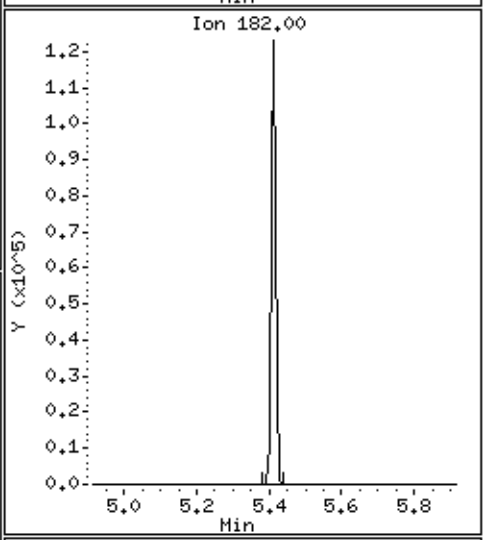


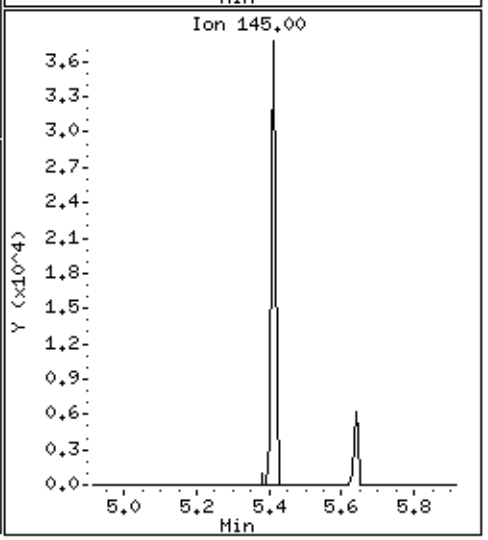












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

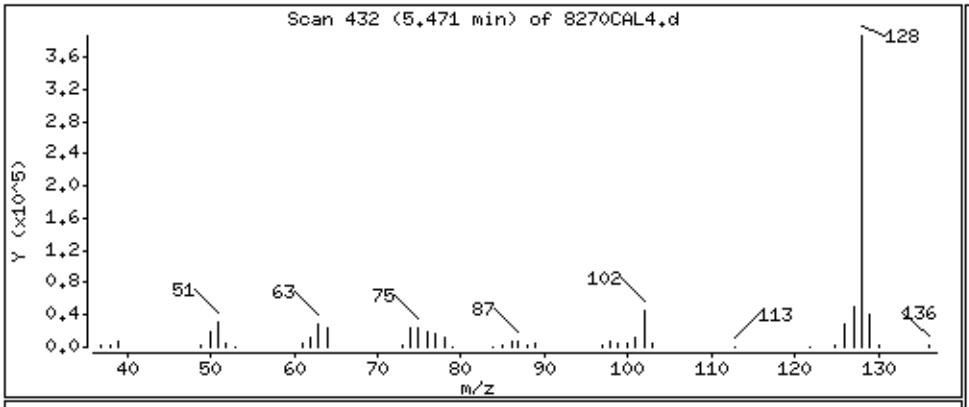
Client ID: 8270CAL4 Instrument: smsd04.i

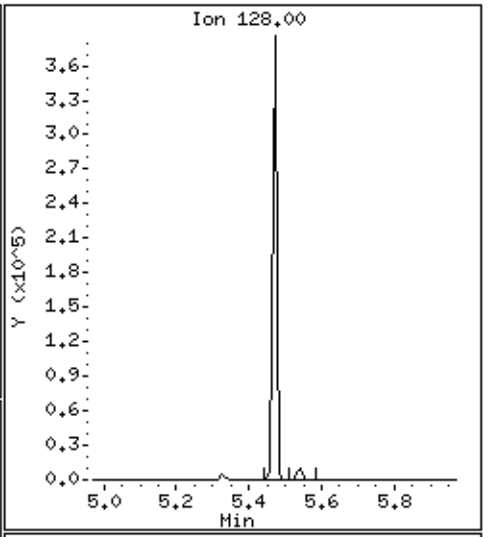
Sample Info: 47766

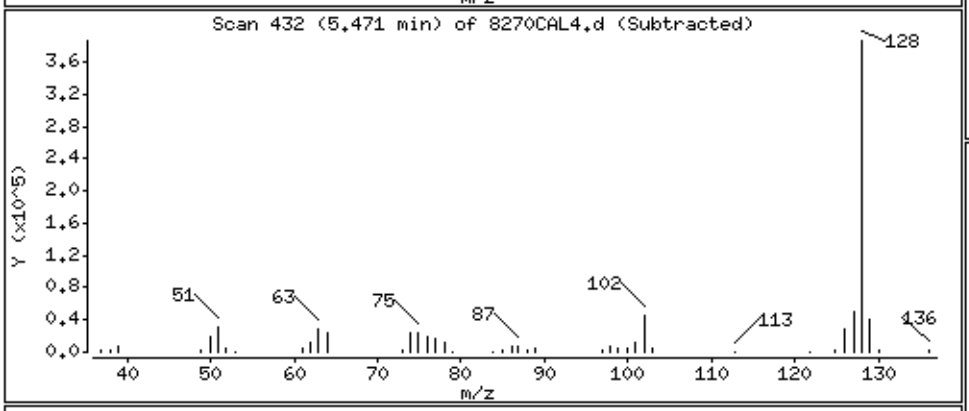
Purge Volume: 1000.0 Operator: MJ

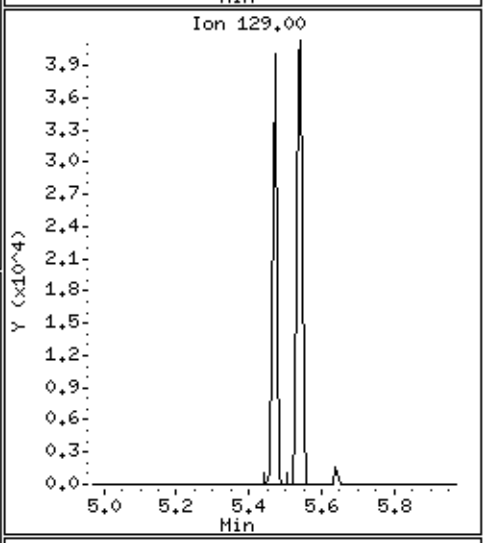
Column phase: HPMS-5 Column diameter: 0.25

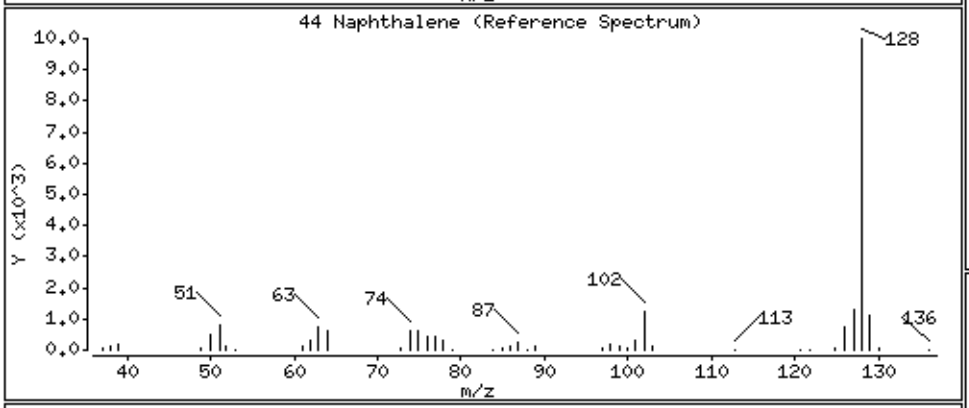
44 Naphthalene Concentration: 44.8 ug/l

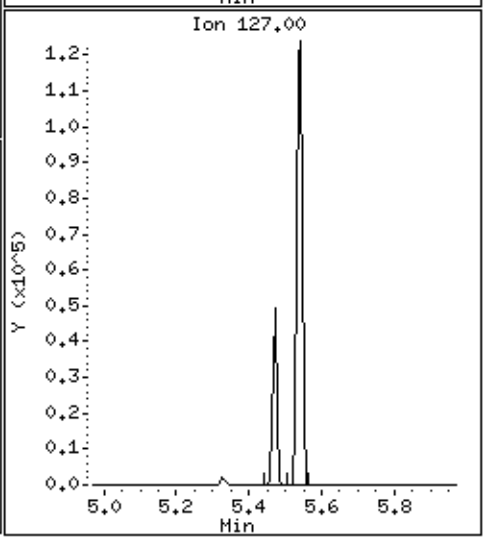


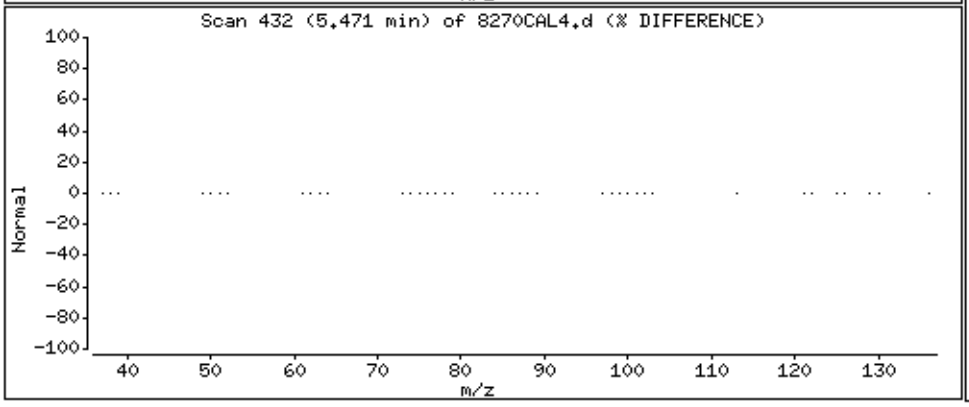












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

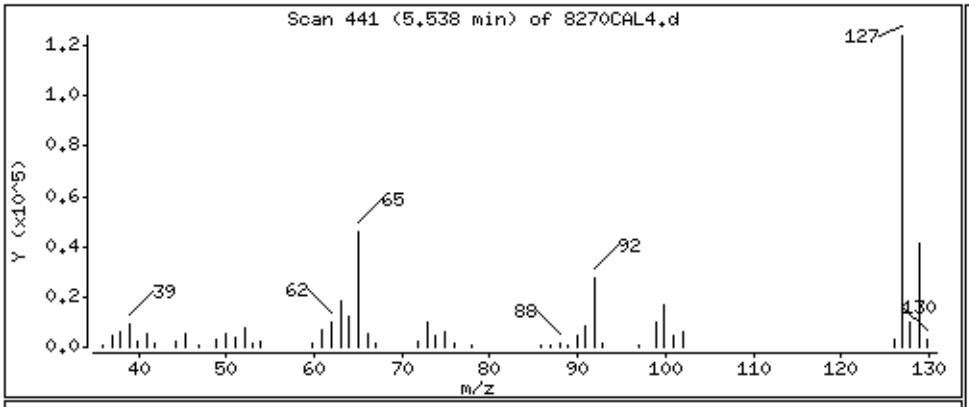
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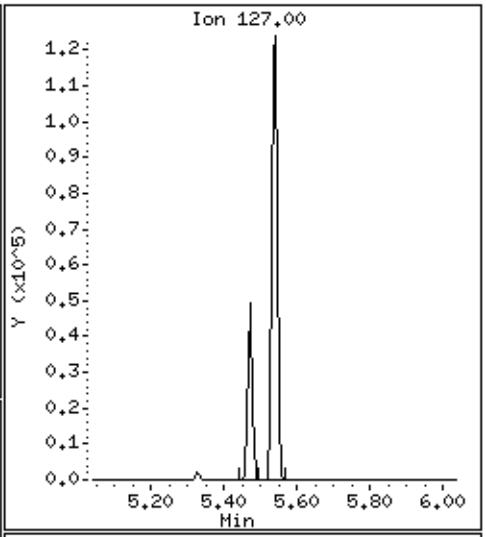
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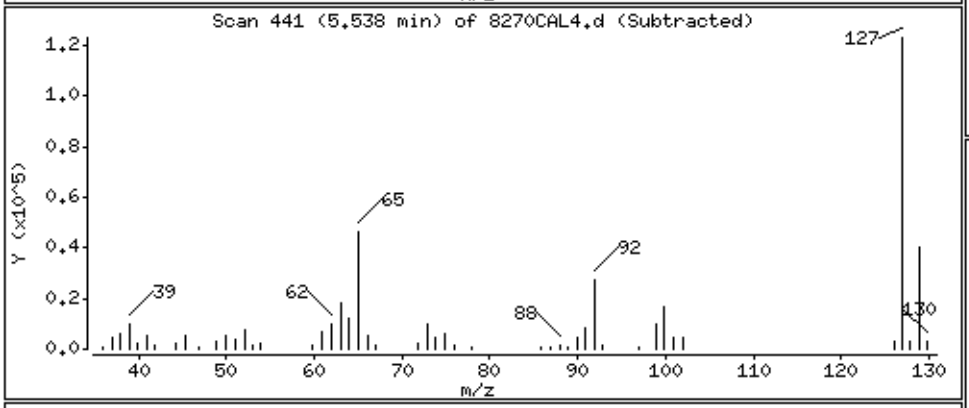
Column diameter: 0.25

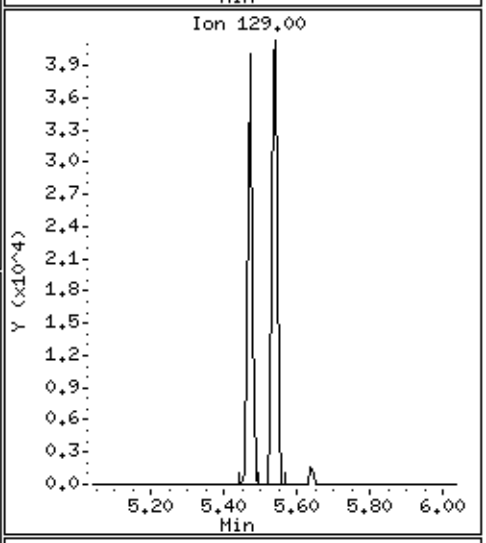
45 4-Chloroaniline

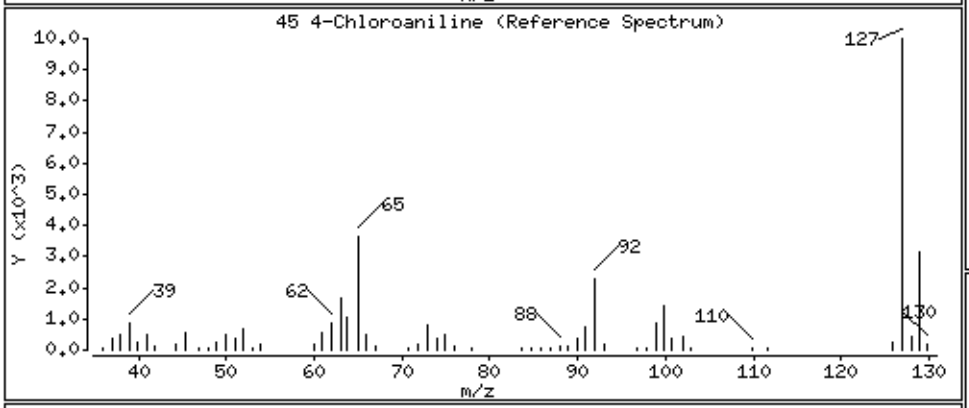
Concentration: 44.8 ug/l

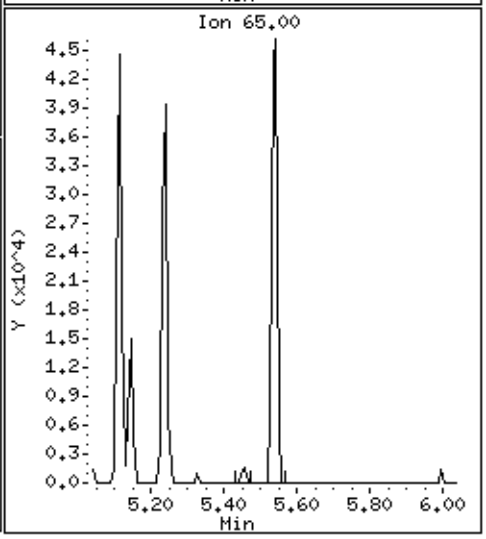


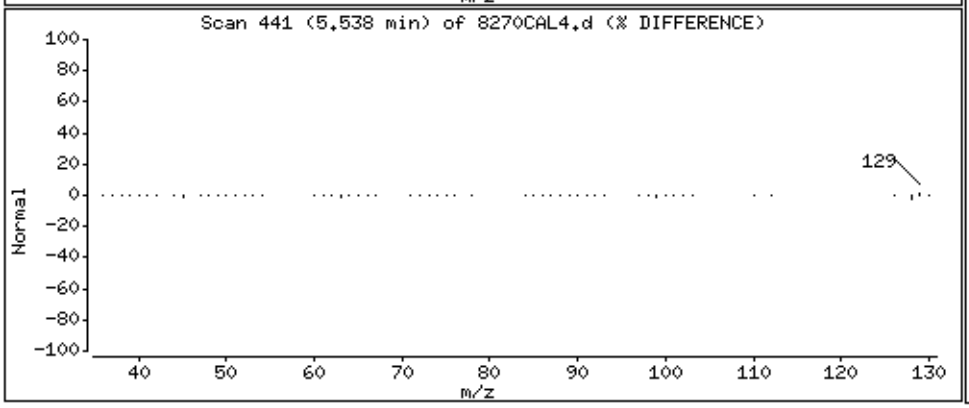












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

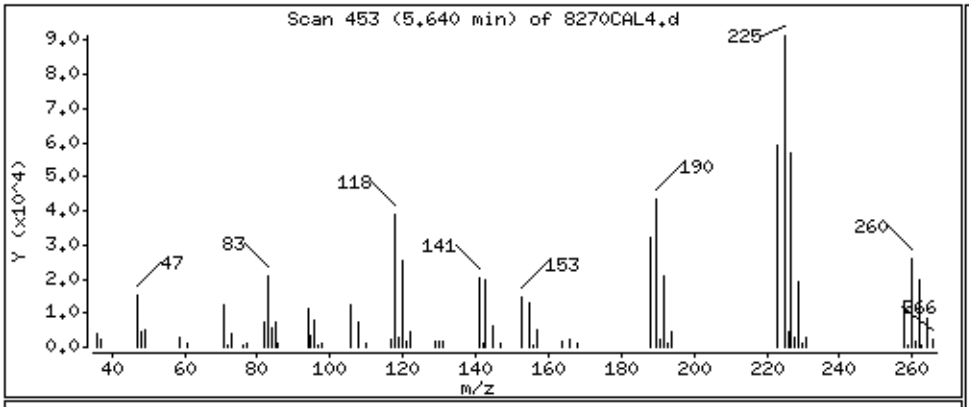
Operator: MJ

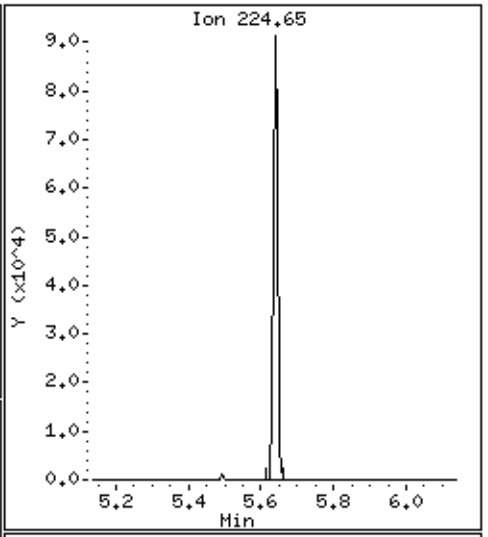
Column phase: HPMS-5

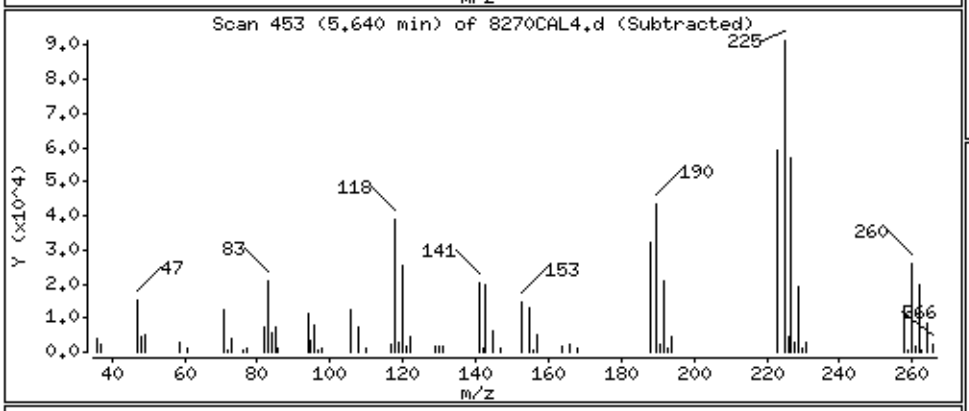
Column diameter: 0.25

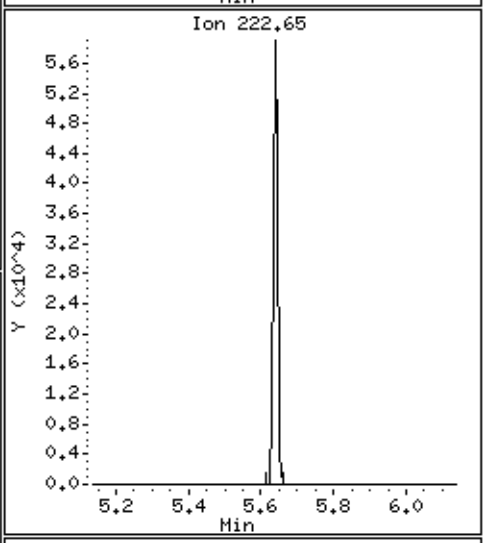
48 Hexachlorobutadiene

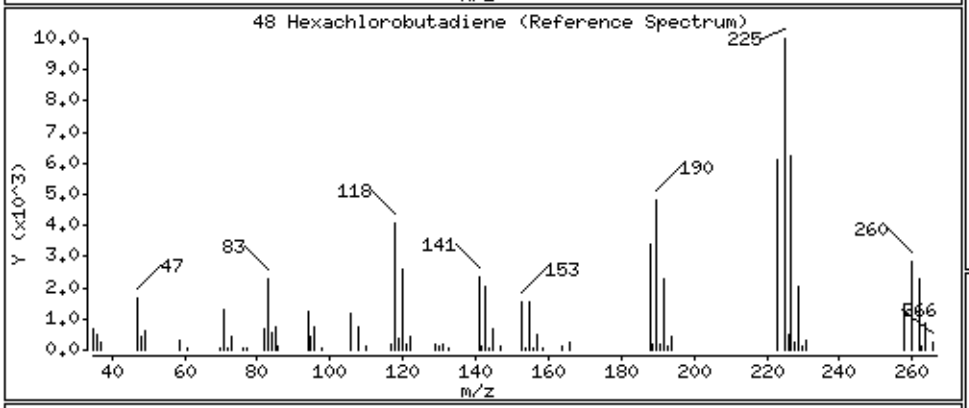
Concentration: 44.9 ug/l

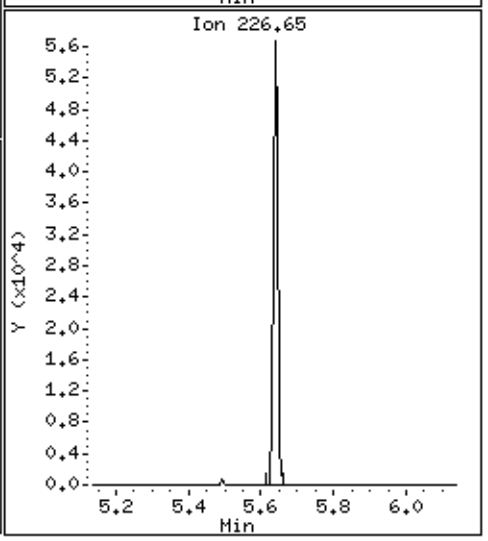


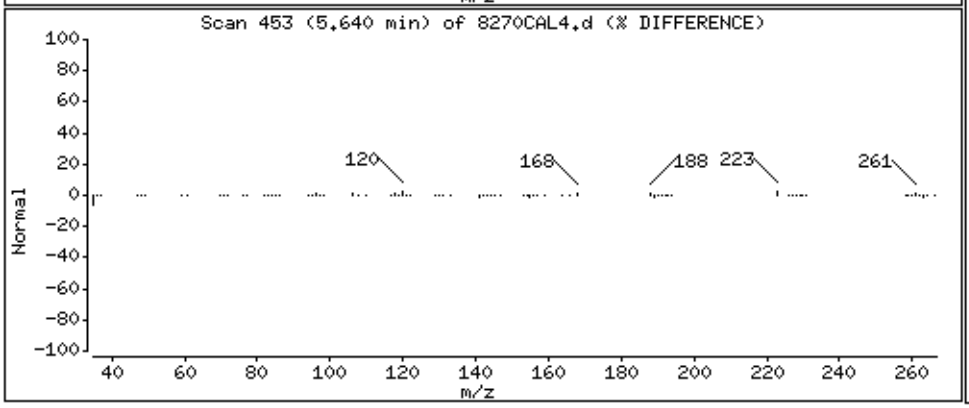












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

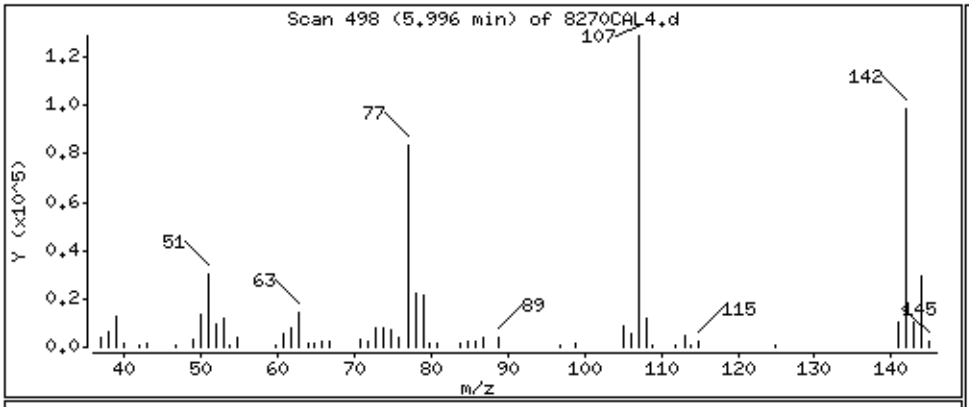
Operator: MJ

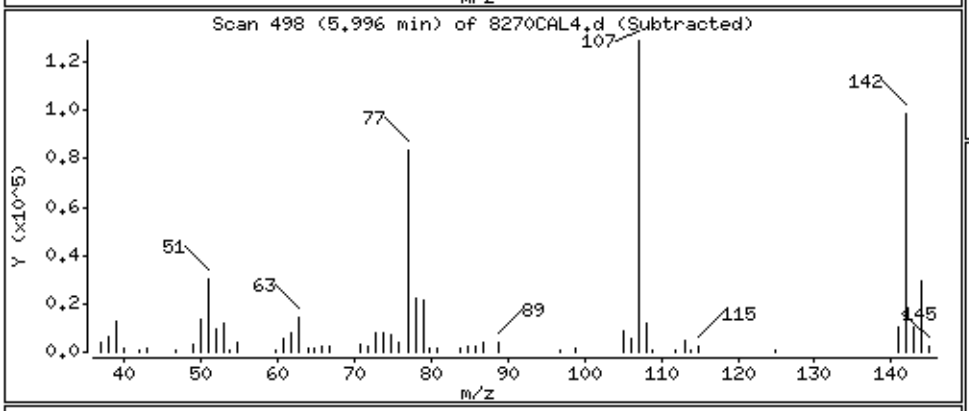
Column phase: HPMS-5

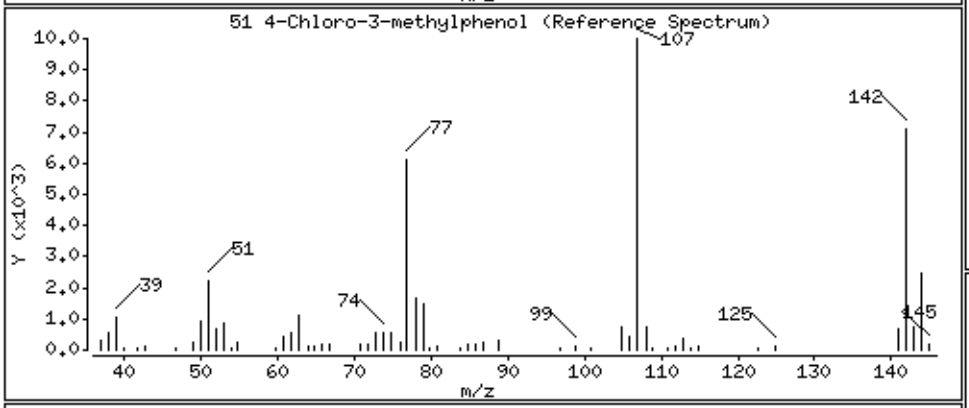
Column diameter: 0.25

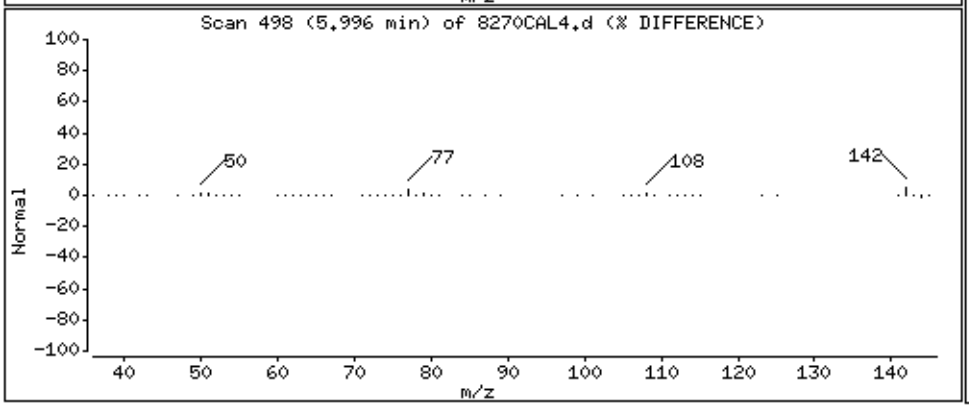
51 4-Chloro-3-methylphenol

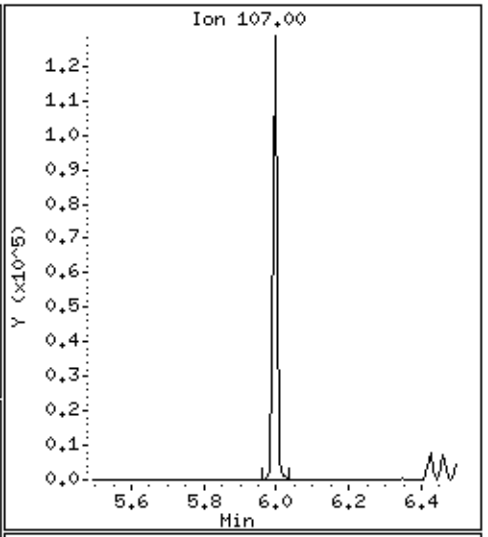
Concentration: 43.5 ug/l

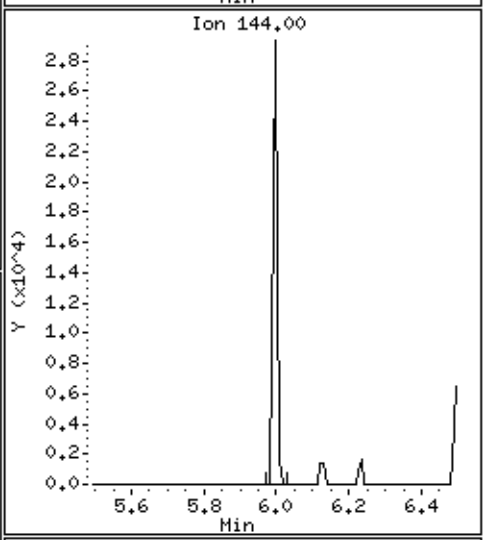


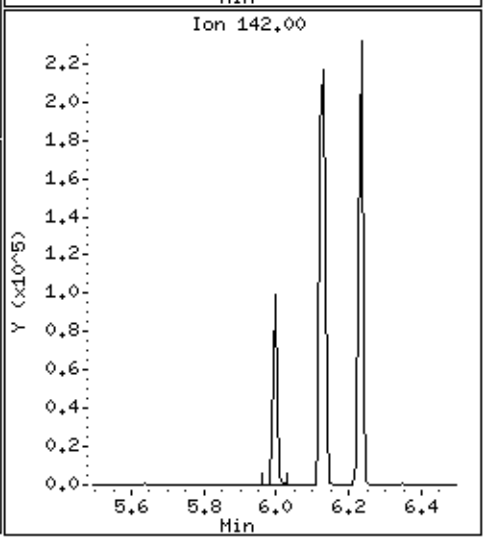












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

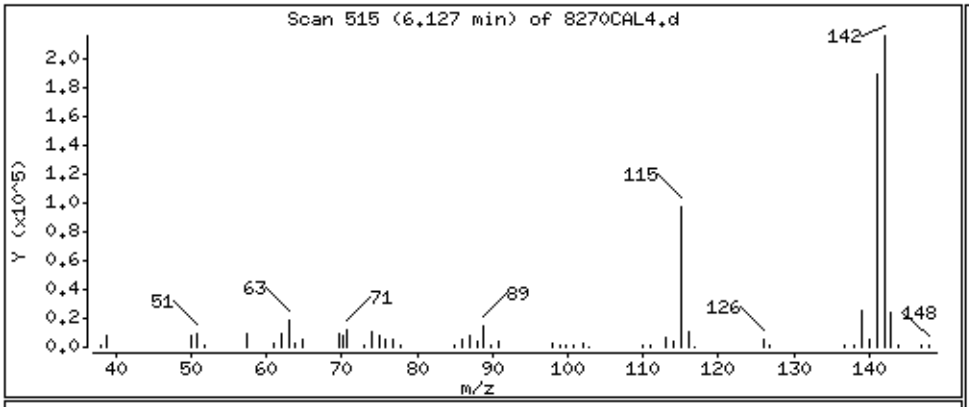
Client ID: 8270CAL4 Instrument: smsd04.i

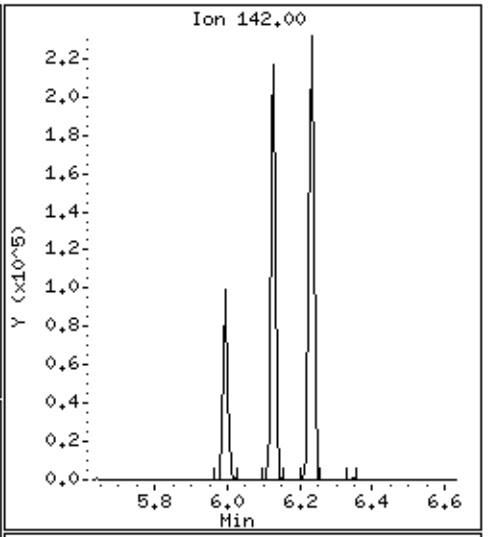
Sample Info: 47766

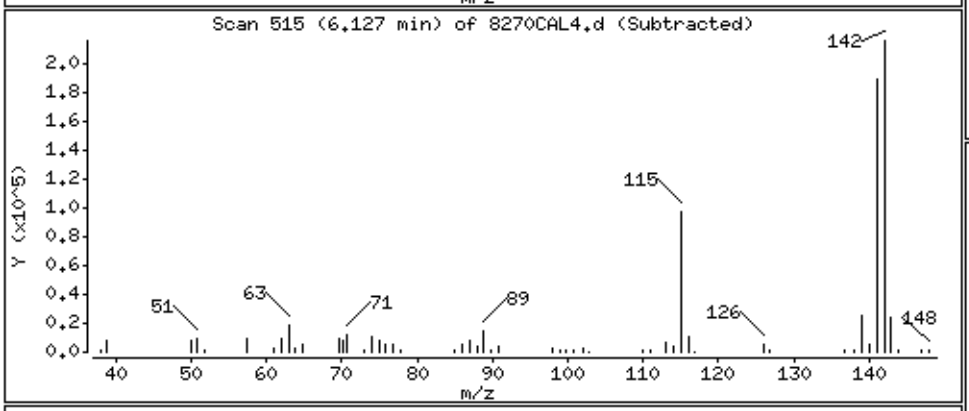
Purge Volume: 1000.0 Operator: MJ

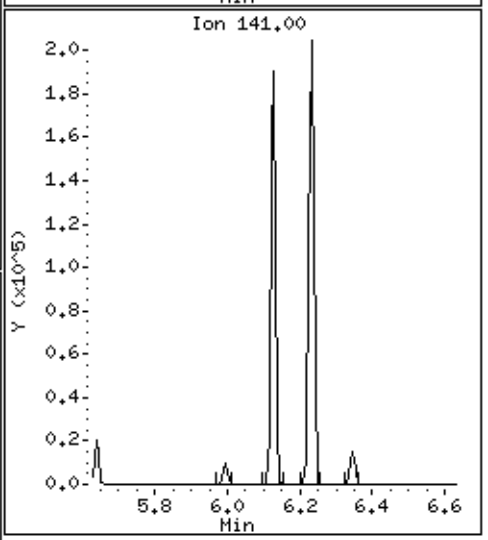
Column phase: HPMS-5 Column diameter: 0.25

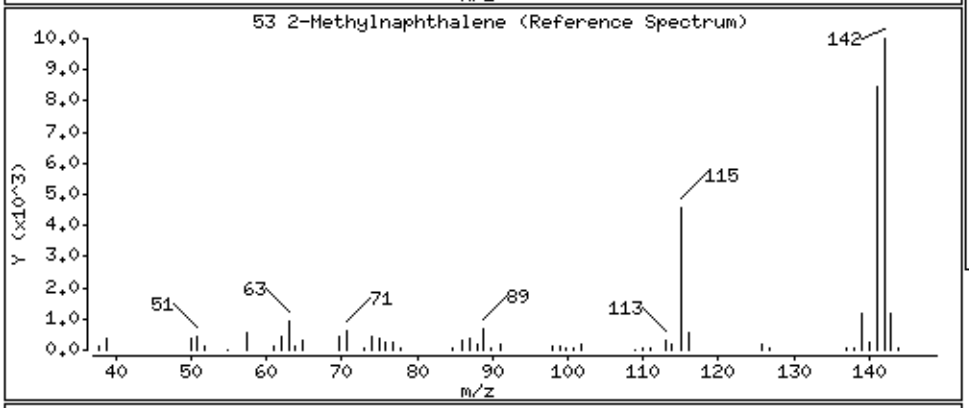
53 2-Methylnaphthalene Concentration: 44.8 ug/l

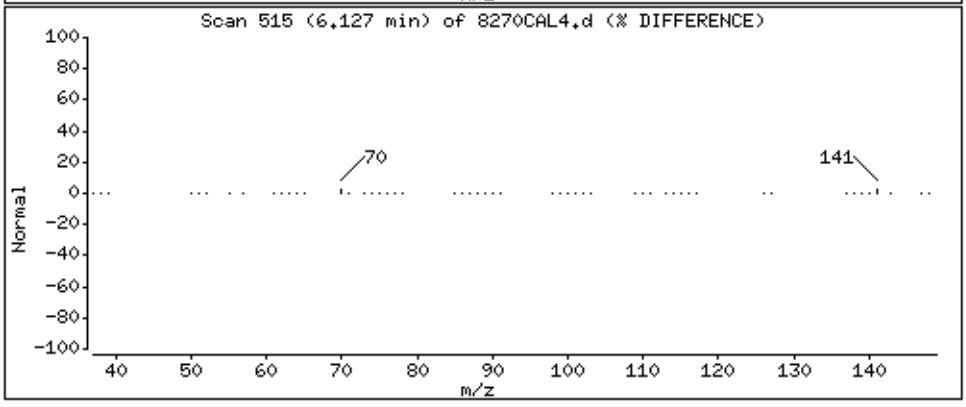












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

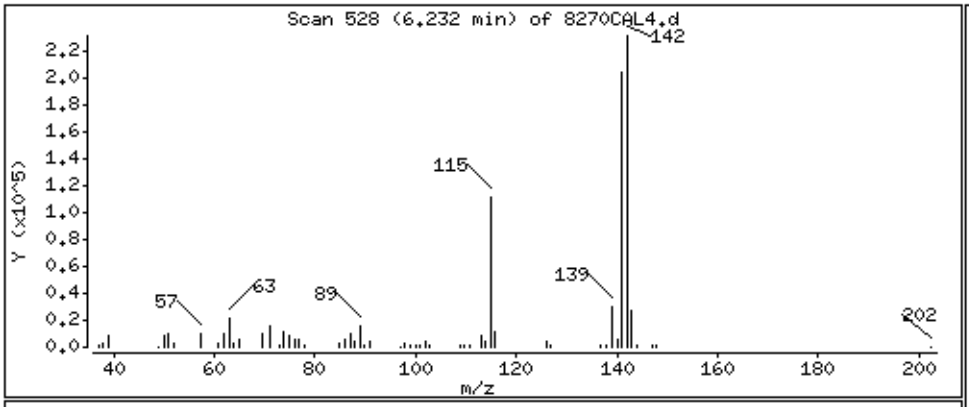
Client ID: 8270CAL4 Instrument: smsd04.i

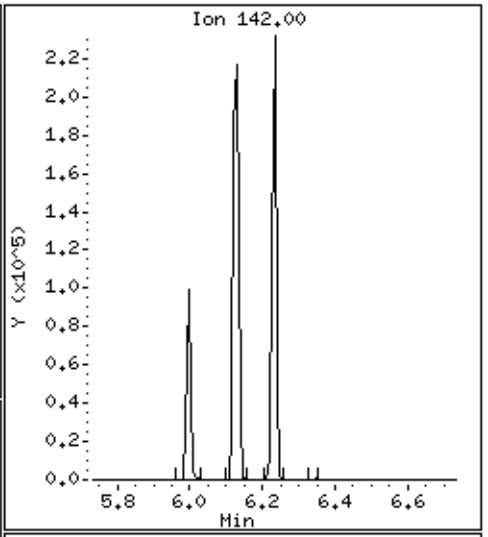
Sample Info: 47766

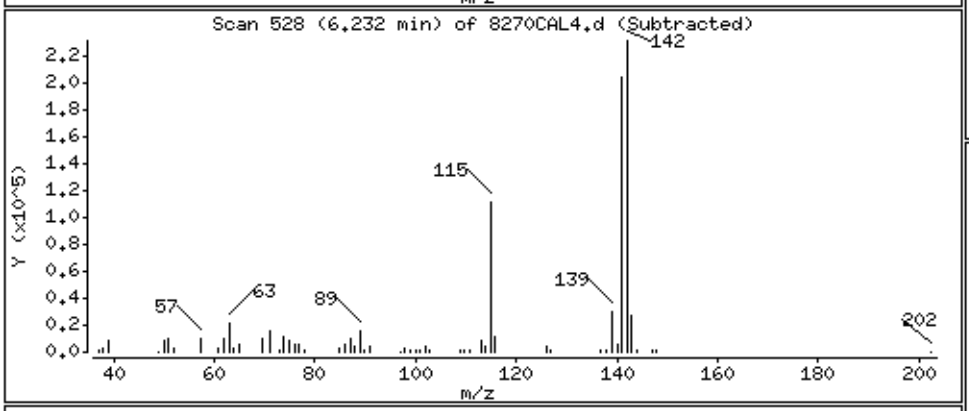
Purge Volume: 1000.0 Operator: MJ

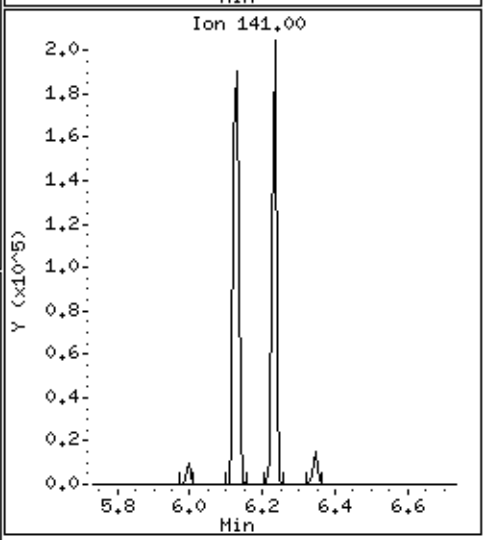
Column phase: HPMS-5 Column diameter: 0.25

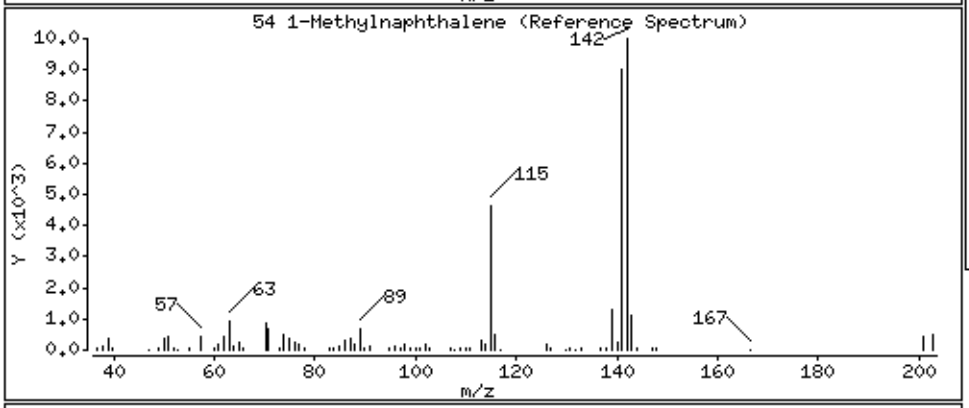
54 1-Methylnaphthalene Concentration: 44.3 ug/l

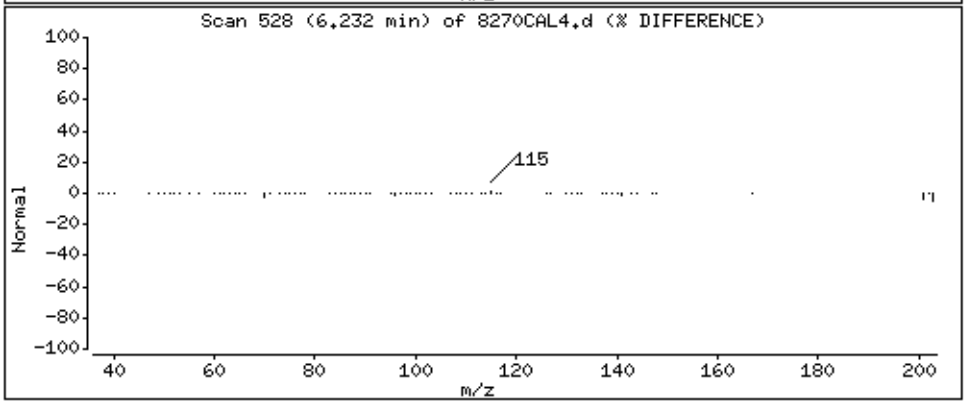












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

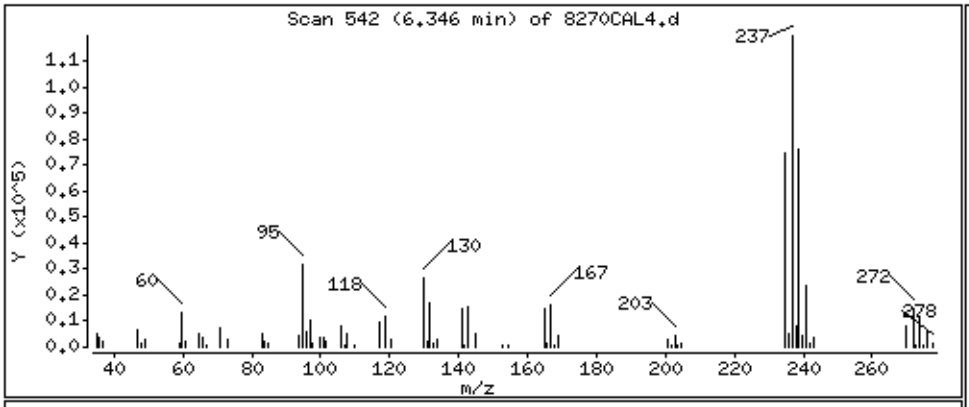
Operator: MJ

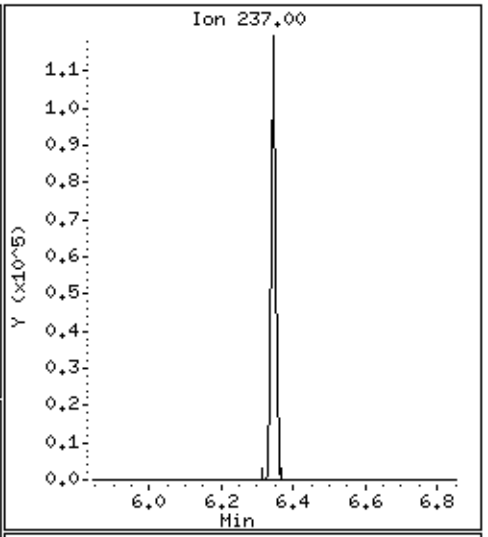
Column phase: HPMS-5

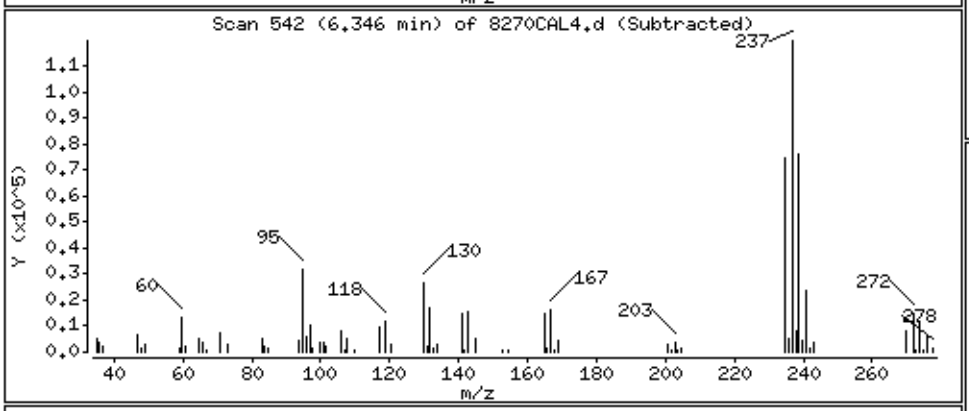
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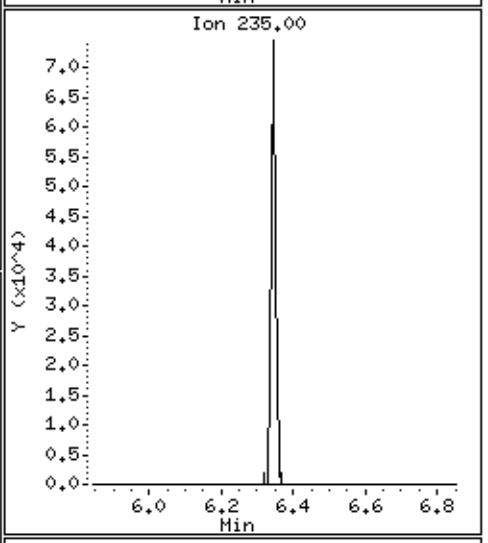
55 Hexachlorocyclopentadiene

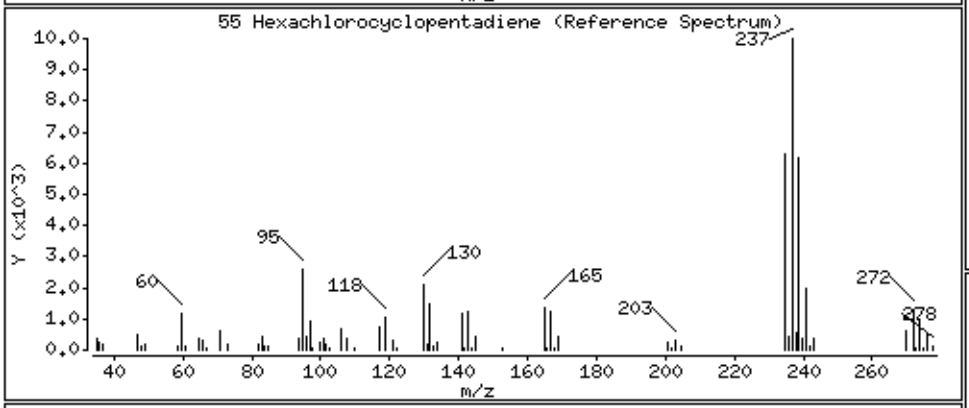
Concentration: 53.0 ug/l

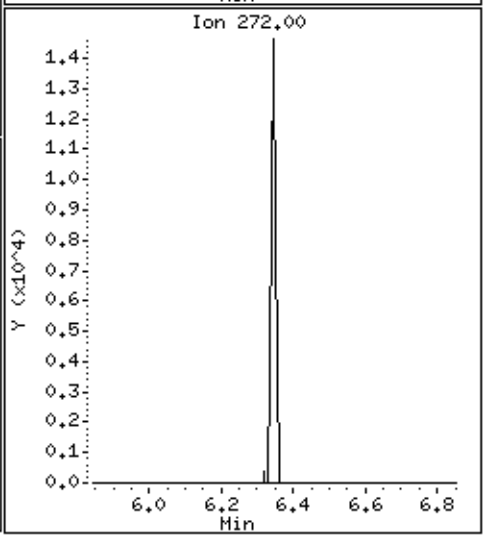


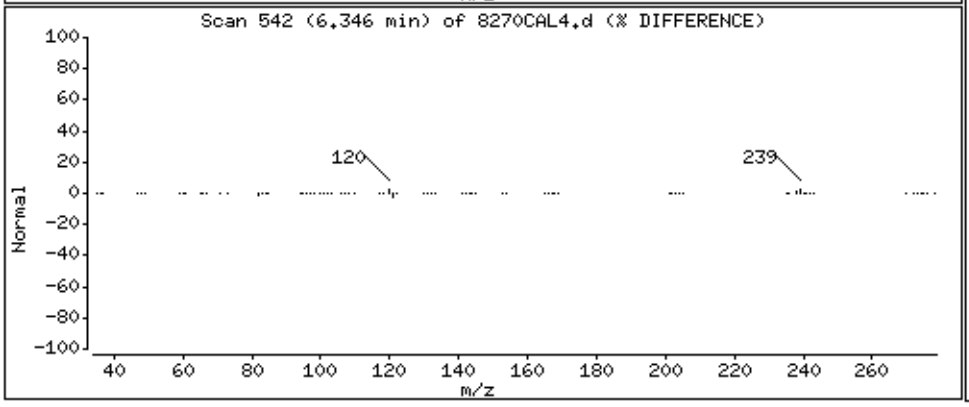












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

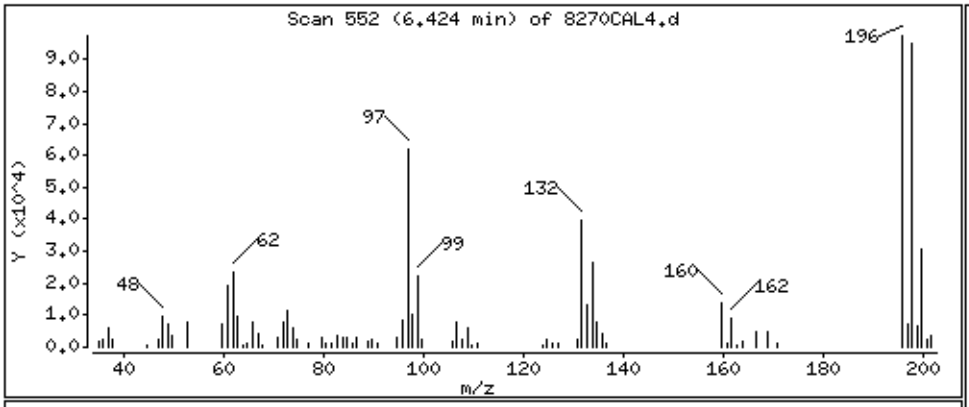
Client ID: 8270CAL4 Instrument: smsd04.i

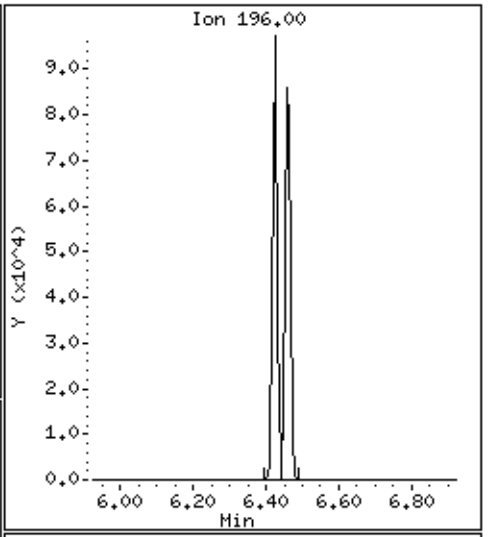
Sample Info: 47766

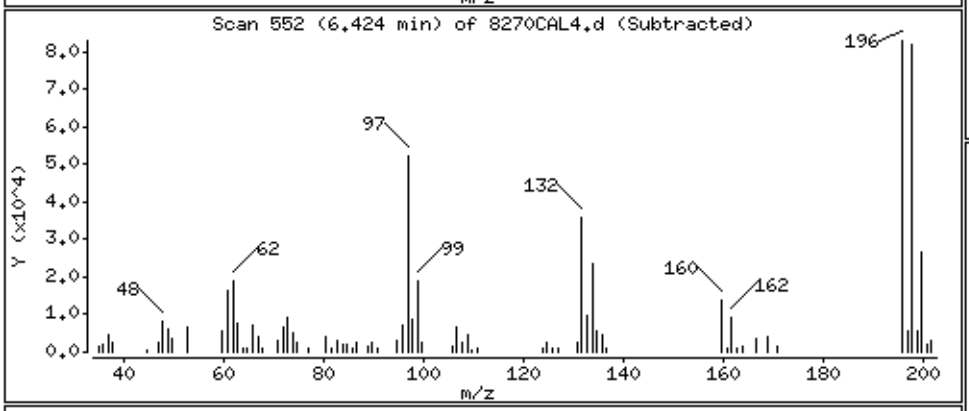
Purge Volume: 1000.0 Operator: MJ

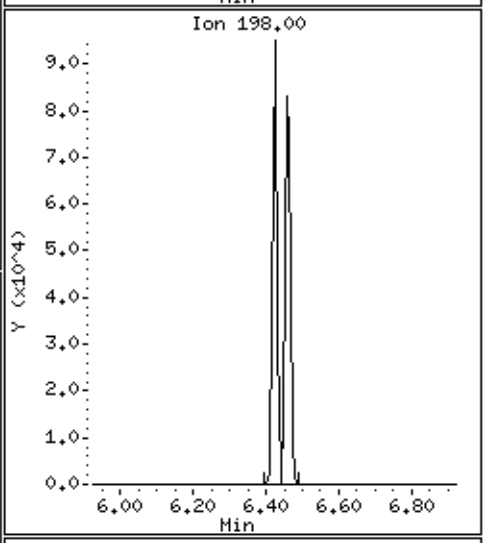
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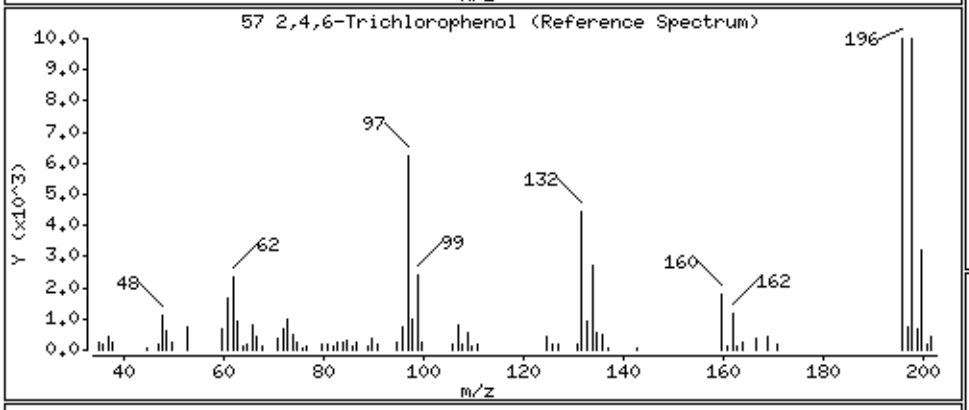
57 2,4,6-Trichlorophenol Concentration: 44.7 ug/l

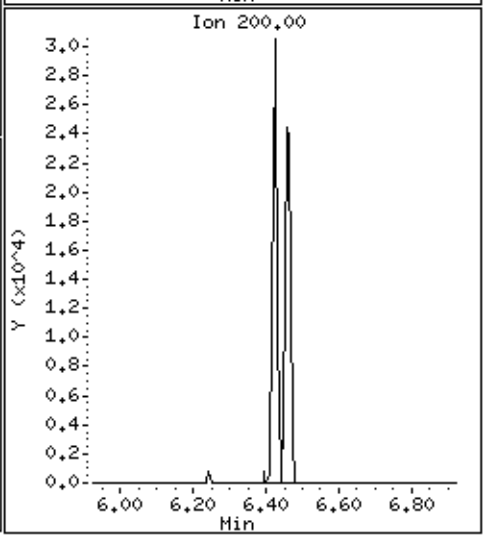


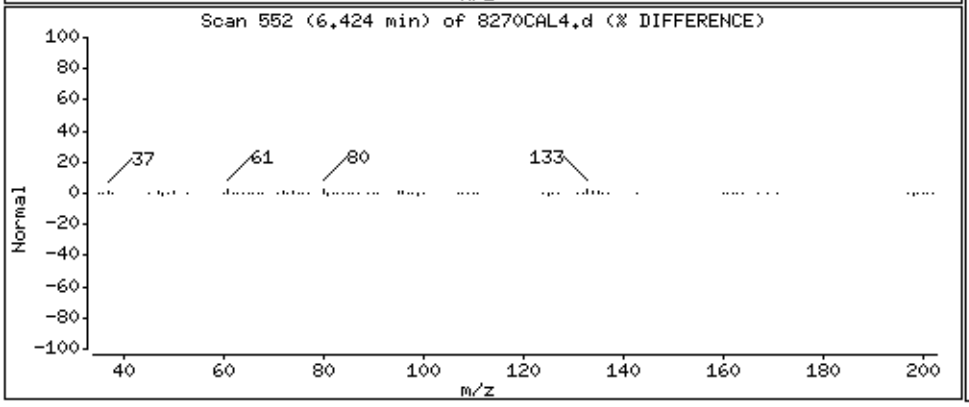












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

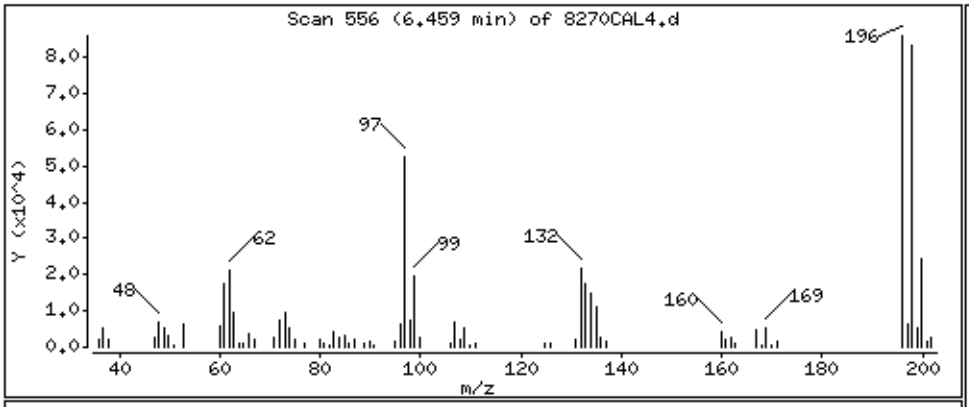
Operator: MJ

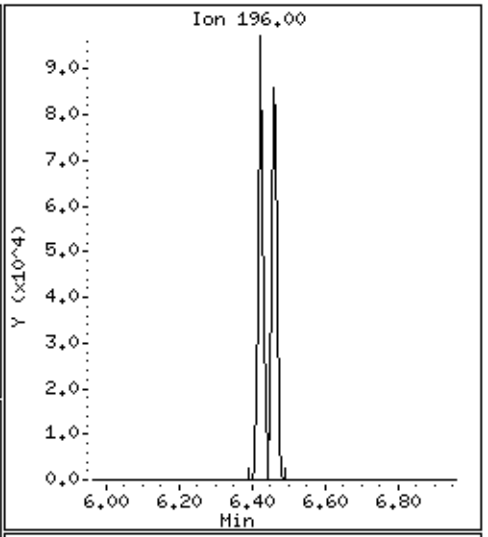
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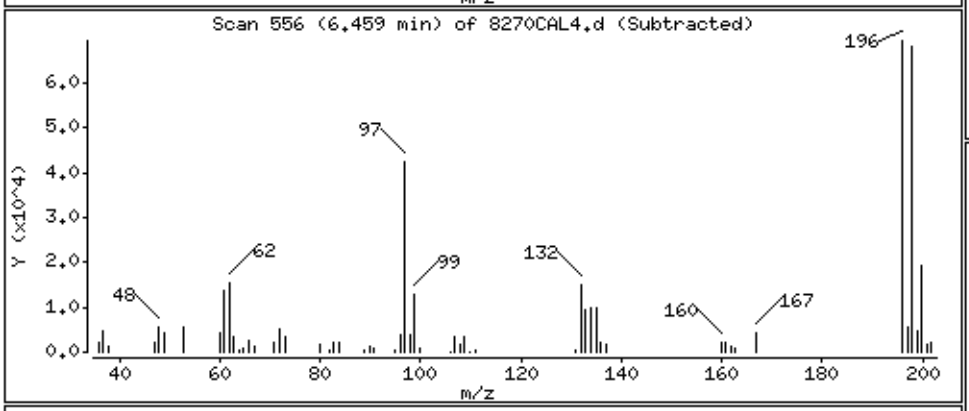
Column diameter: 0.25

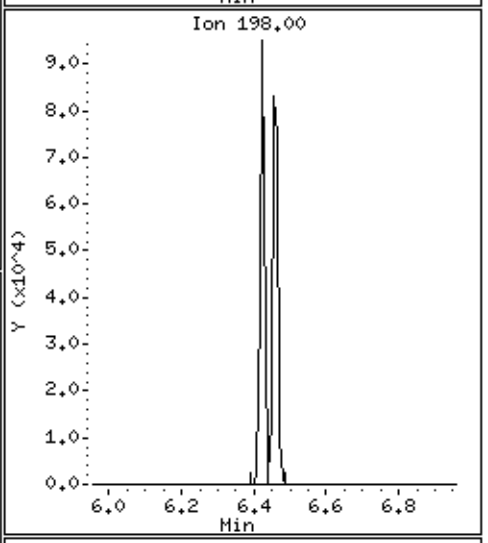
58 2,4,5-Trichlorophenol

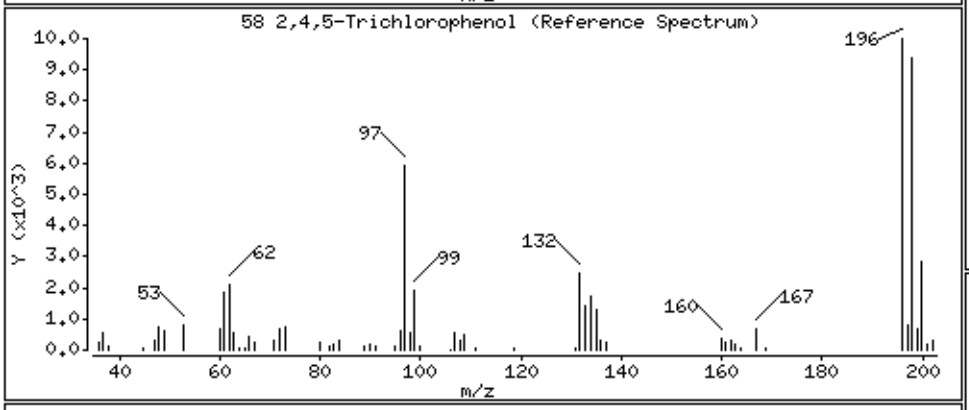
Concentration: 46.6 ug/l

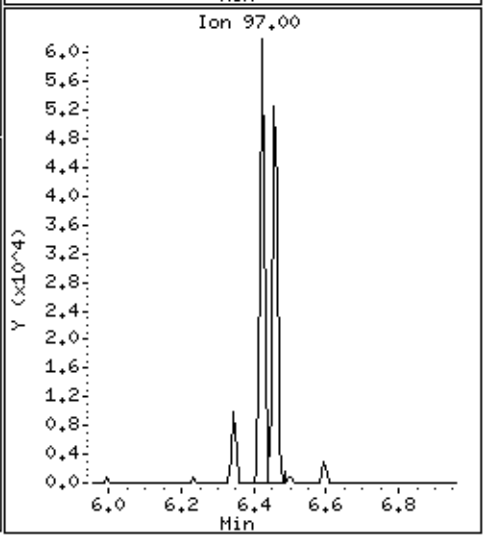


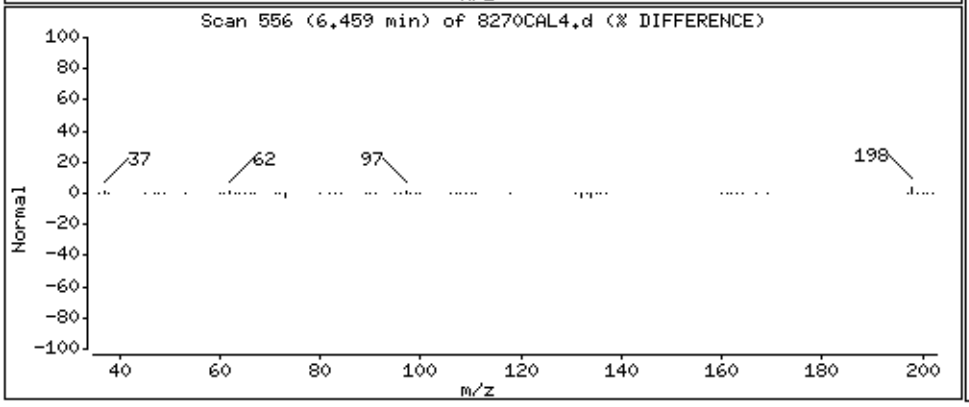












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Date : 26-NOV-2012 17:04

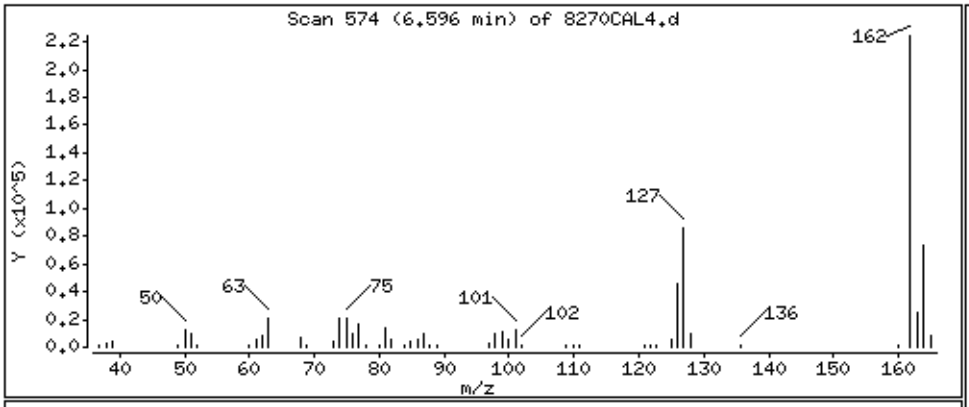
Client ID: 8270CAL4 Instrument: smsd04.i

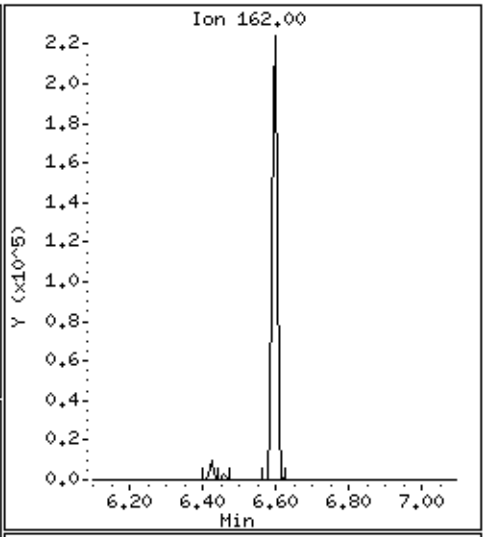
Sample Info: 47766

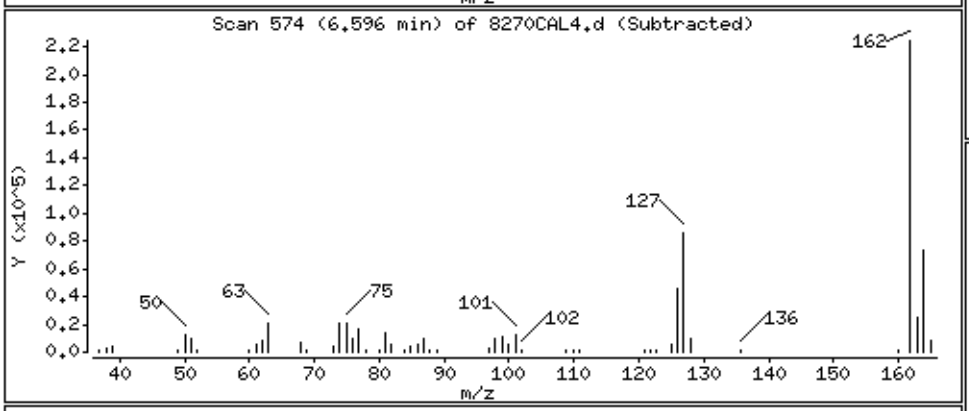
Purge Volume: 1000.0 Operator: MJ

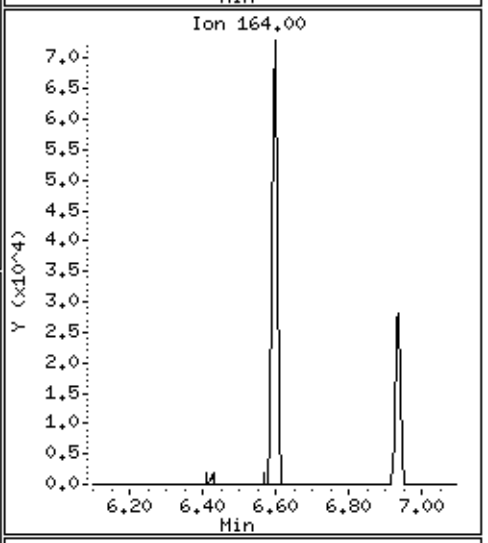
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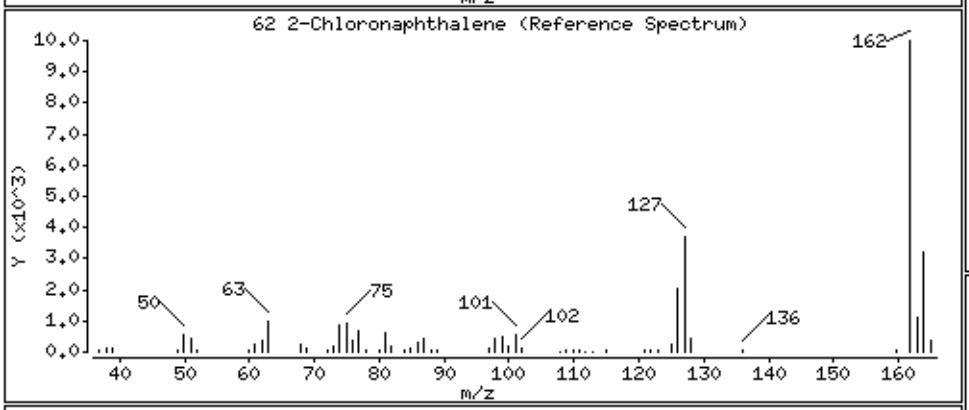
62 2-Chloronaphthalene Concentration: 44.5 ug/l

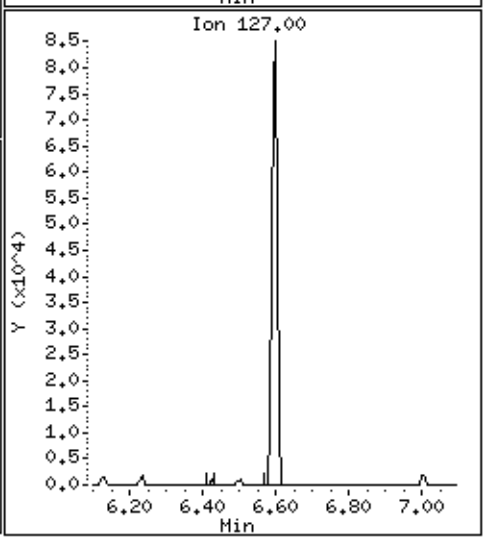


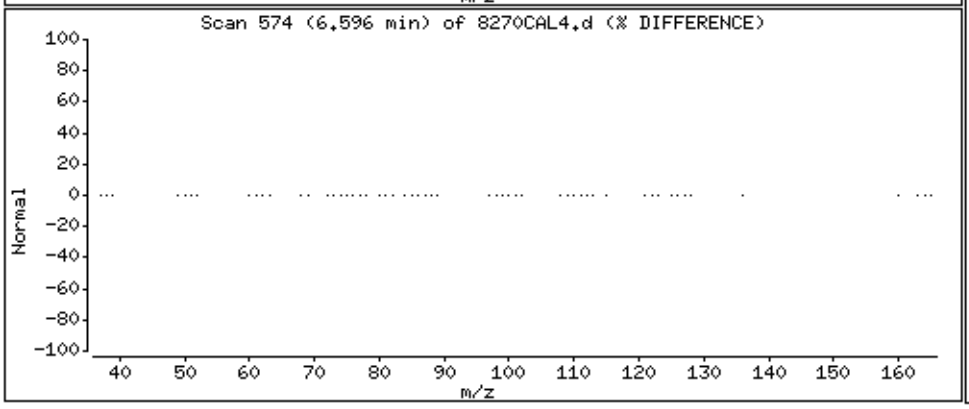












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Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

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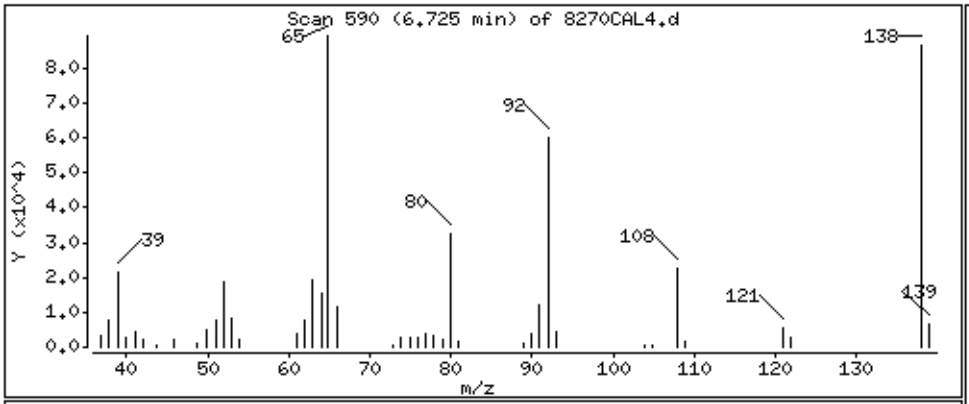
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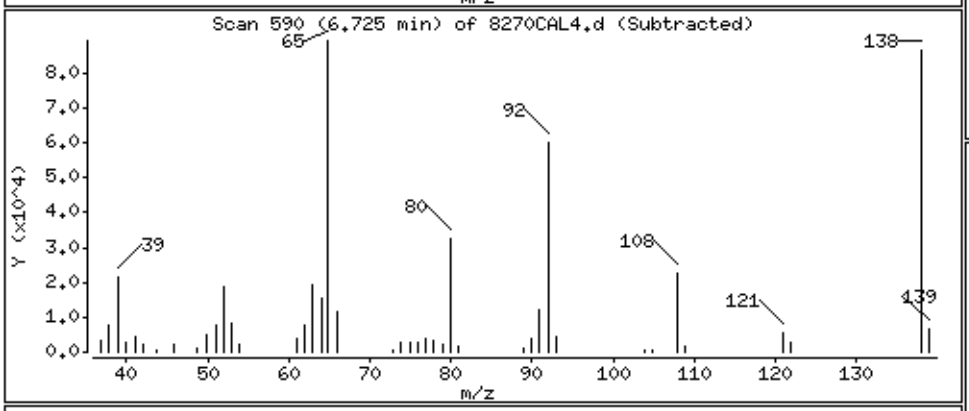
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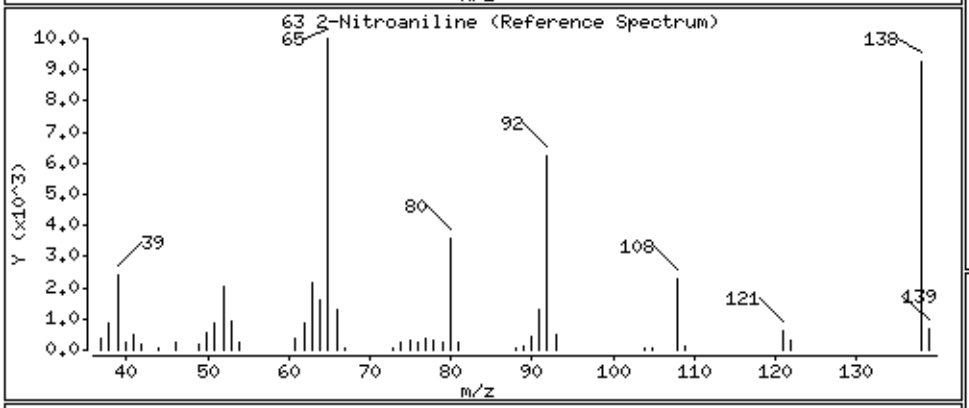
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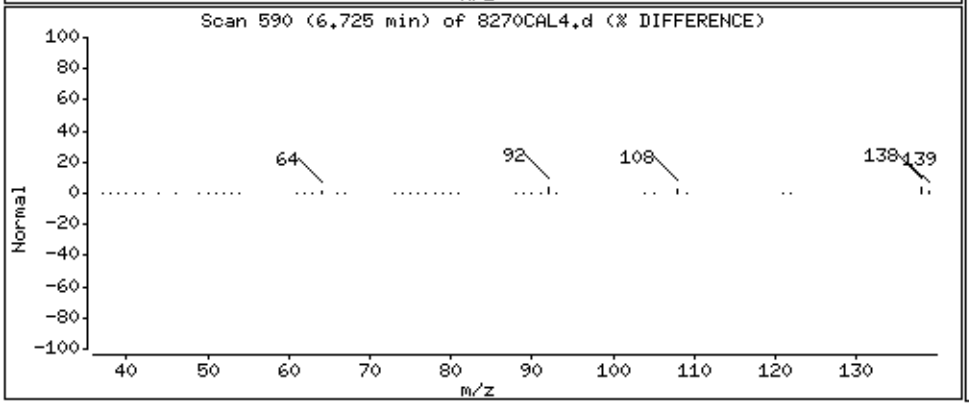
63 2-Nitroaniline

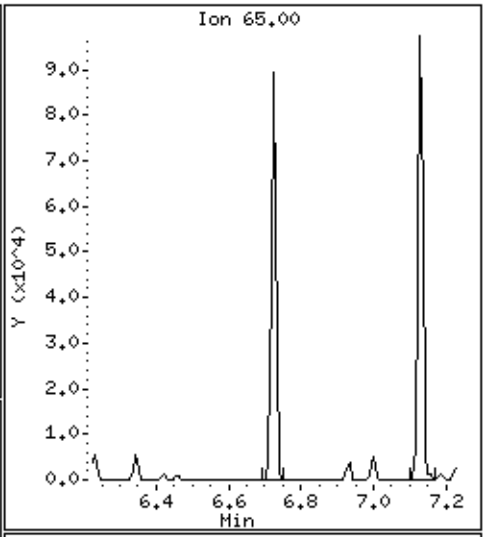
Concentration: 44.6 ug/l

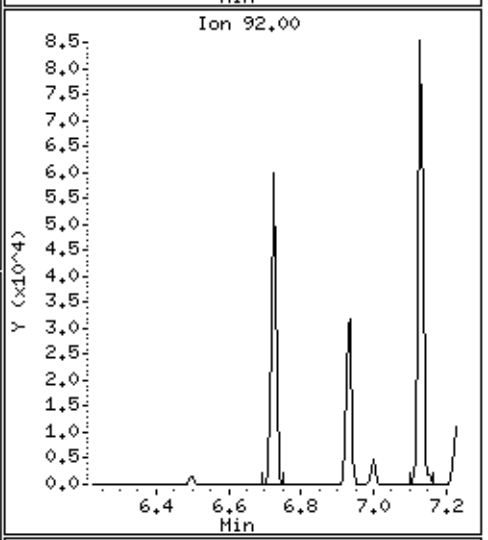


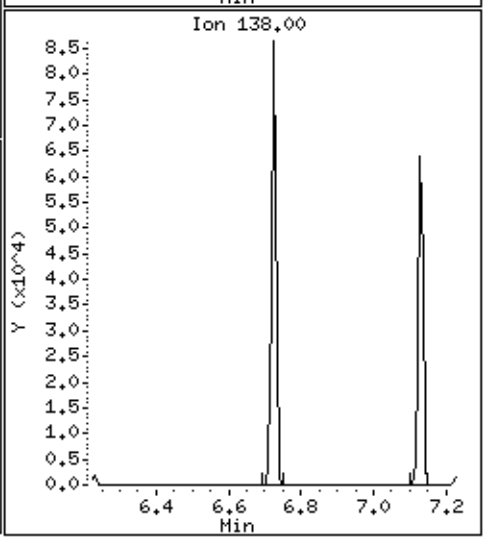












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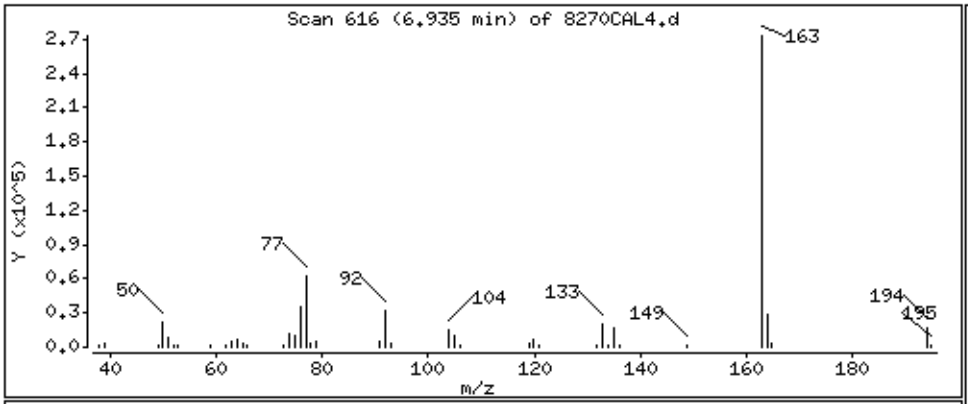
Client ID: 8270CAL4 Instrument: smsd04.i

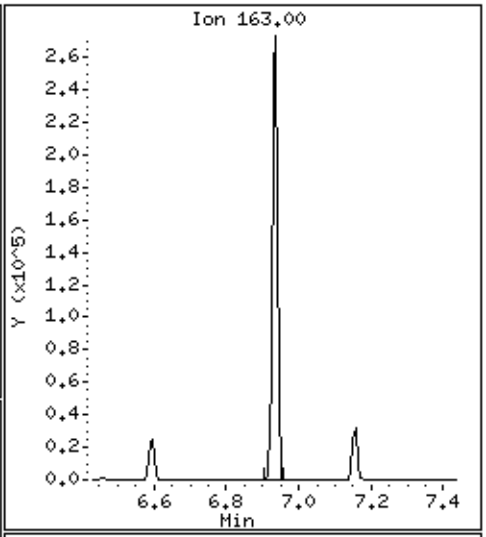
Sample Info: 47766

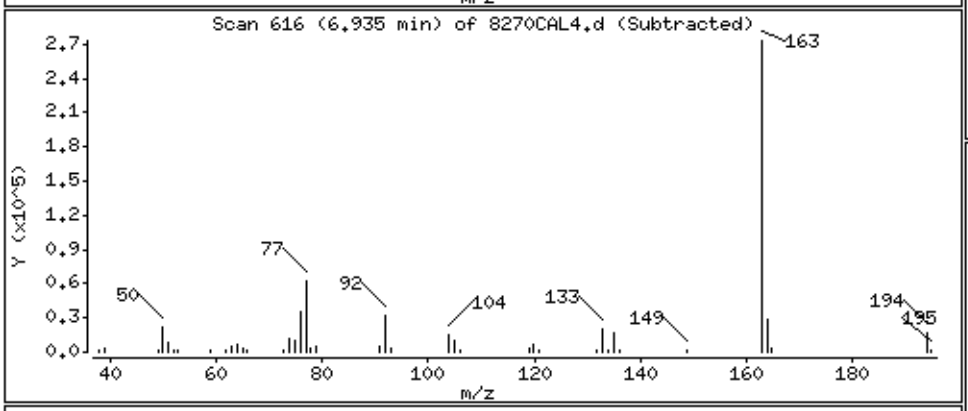
Purge Volume: 1000.0 Operator: MJ

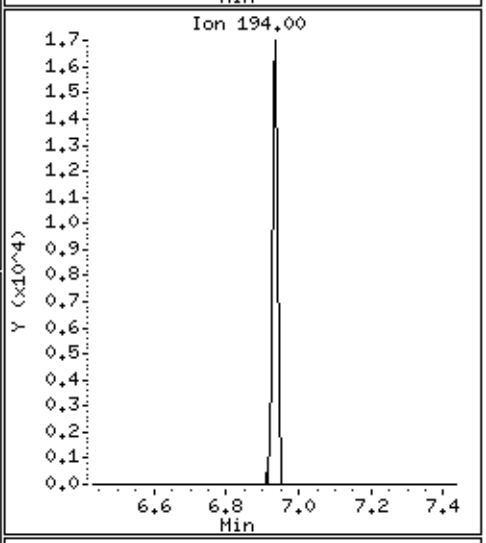
Column phase: HPMS-5 Column diameter: 0.25

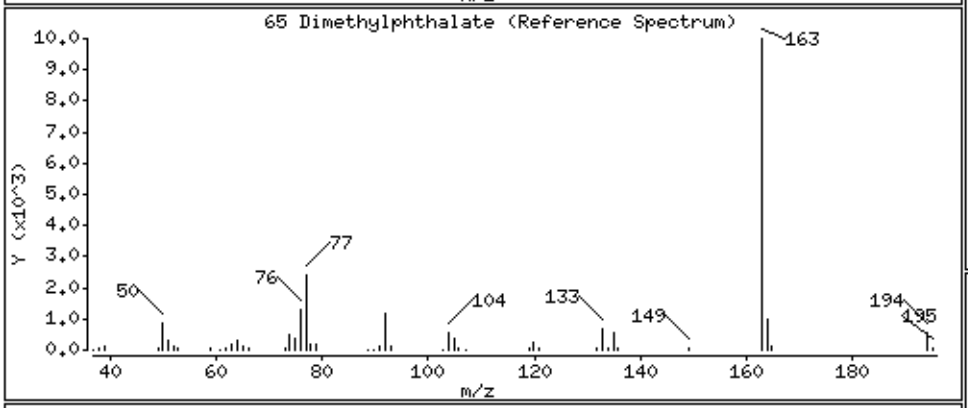
65 Dimethylphthalate Concentration: 45.4 ug/l

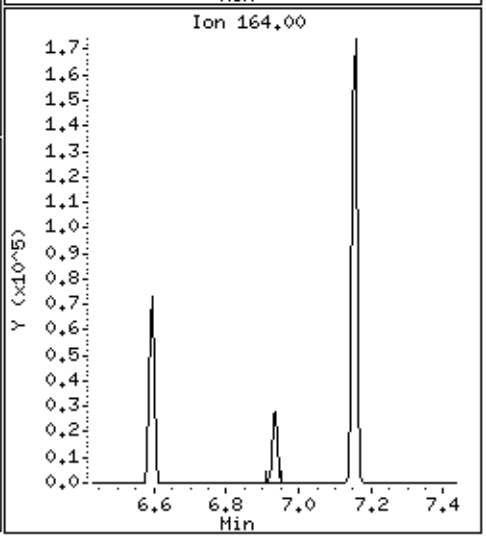


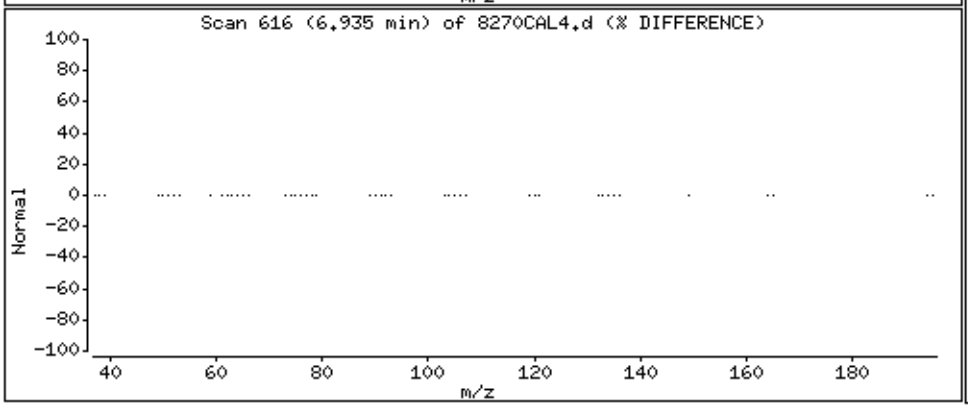












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Date : 26-NOV-2012 17:04

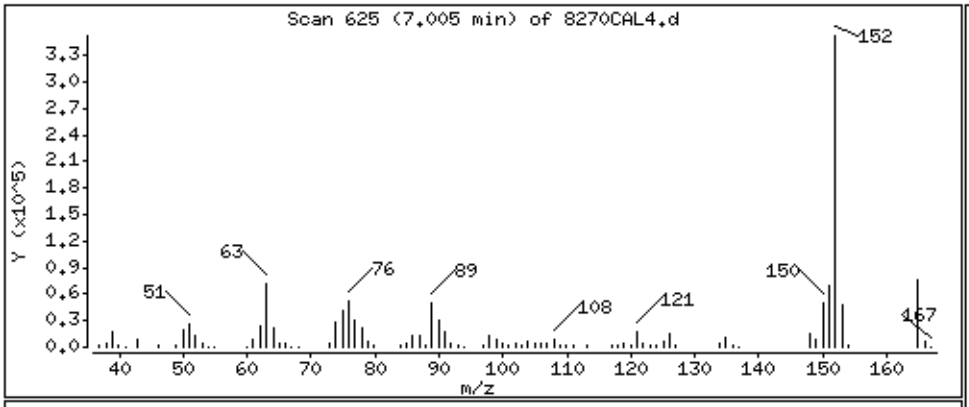
Client ID: 8270CAL4 Instrument: smsd04.i

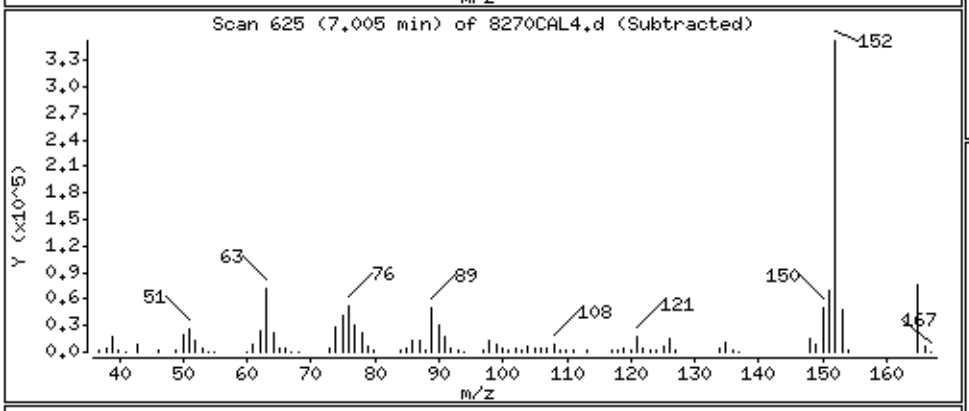
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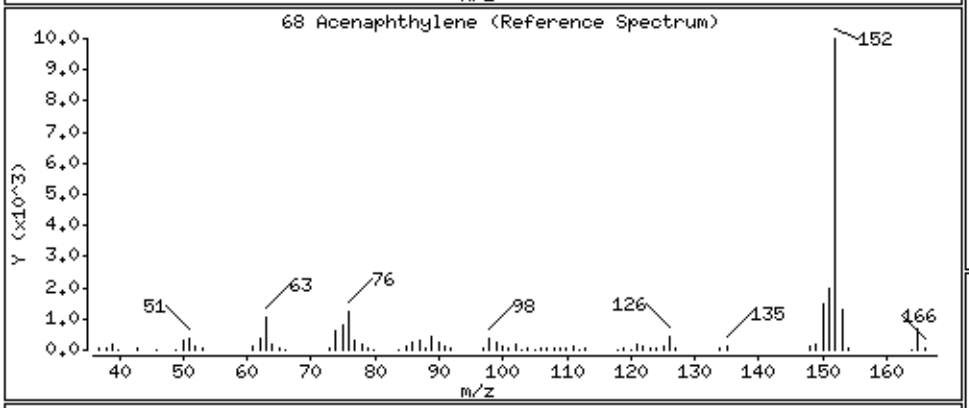
Purge Volume: 1000.0 Operator: MJ

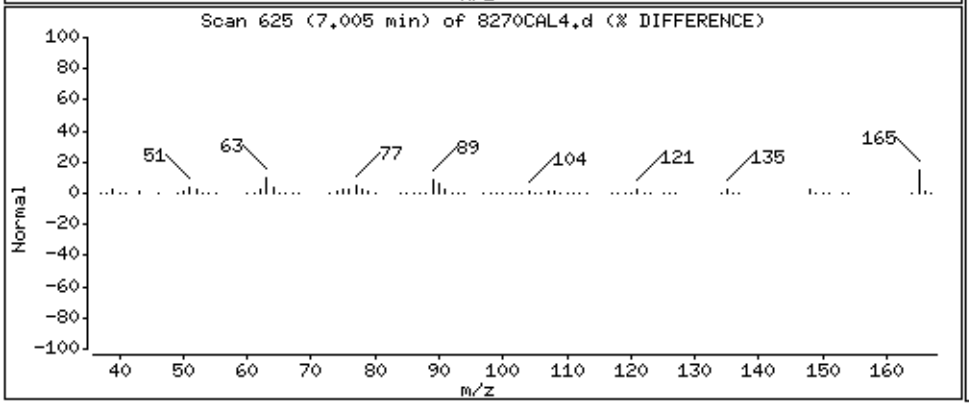
Column phase: HPMS-5 Column diameter: 0.25

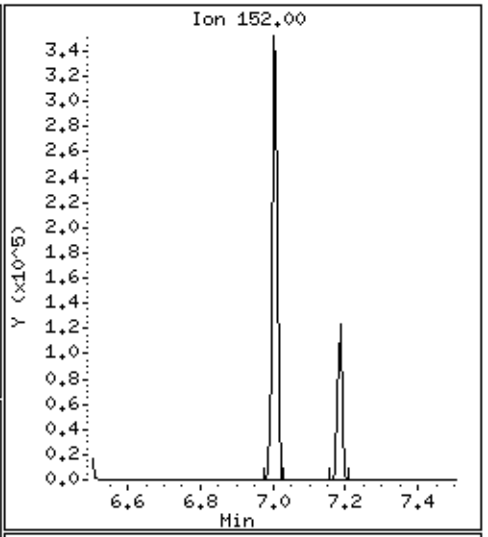
68 Acenaphthylene Concentration: 44.3 ug/l

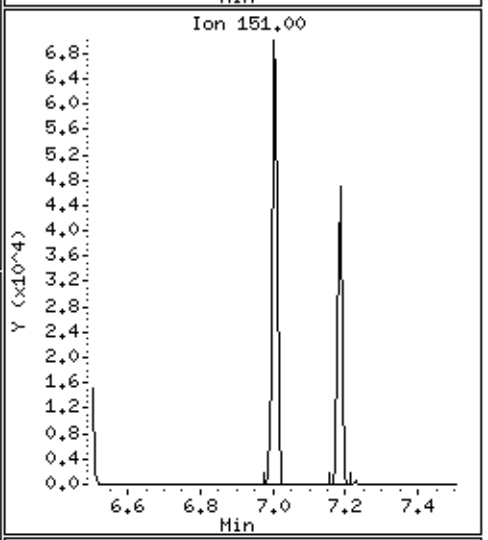


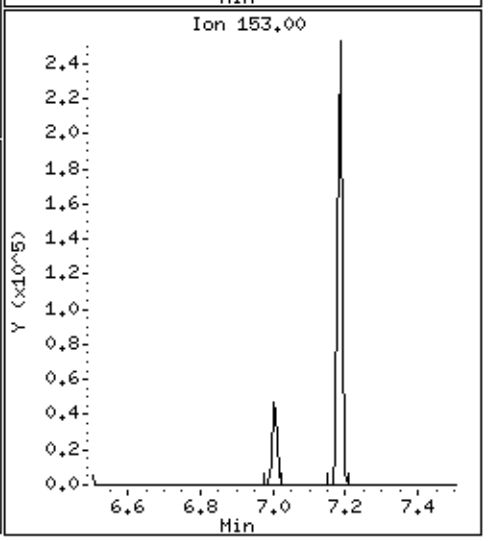












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Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

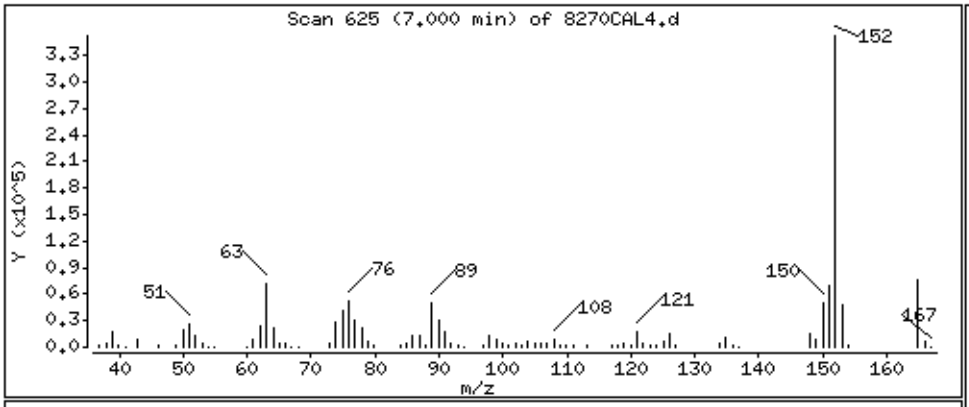
Operator: MJ

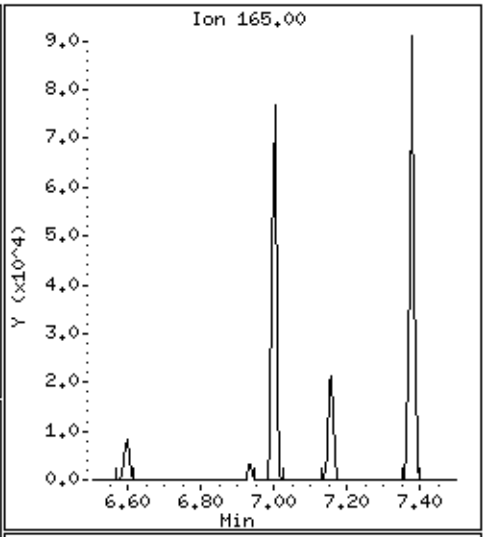
Column phase: HPMS-5

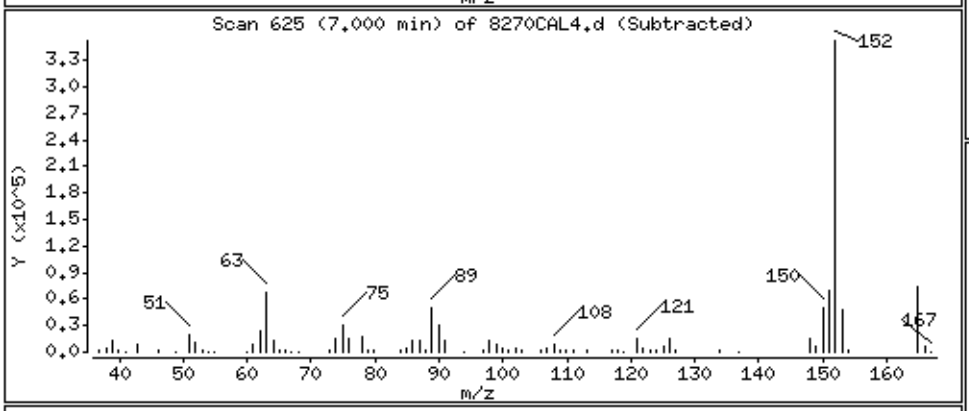
Column diameter: 0.25

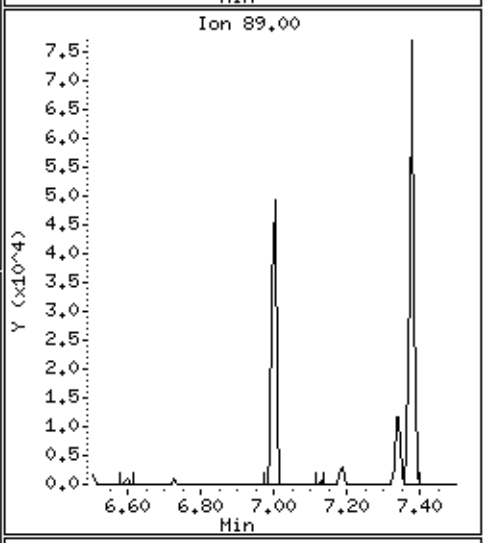
67 2,6-Dinitrotoluene

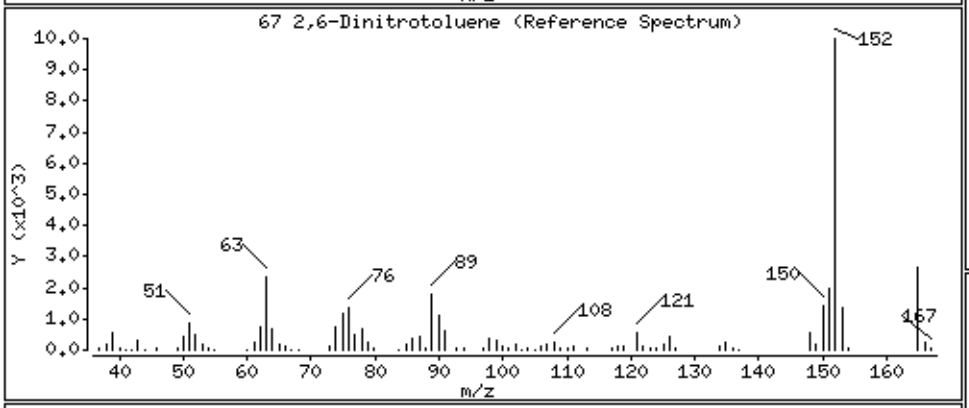
Concentration: 47.0 ug/l

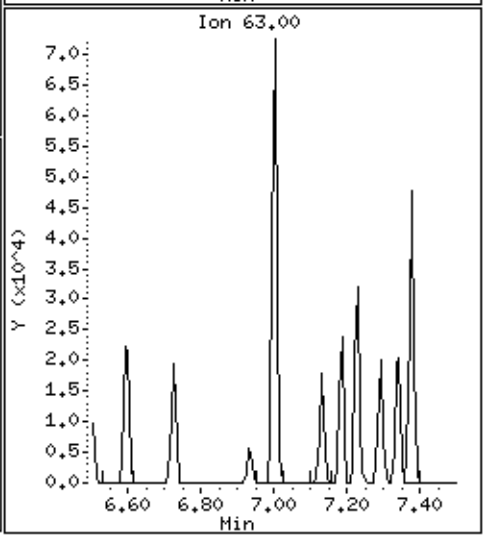


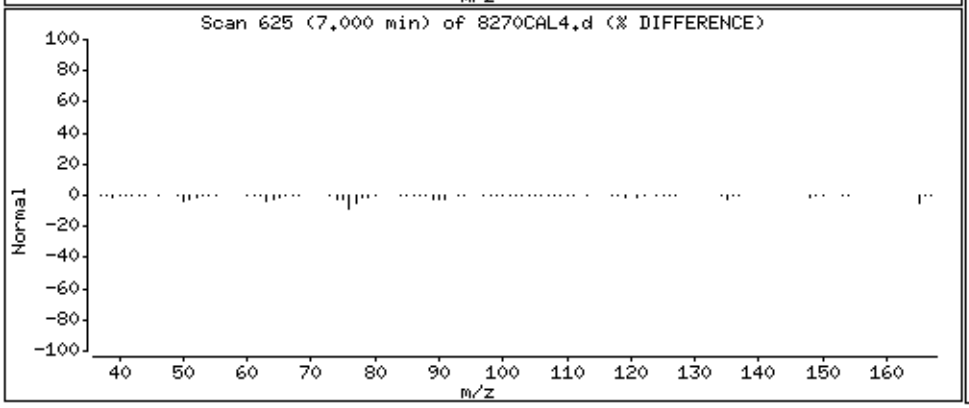












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

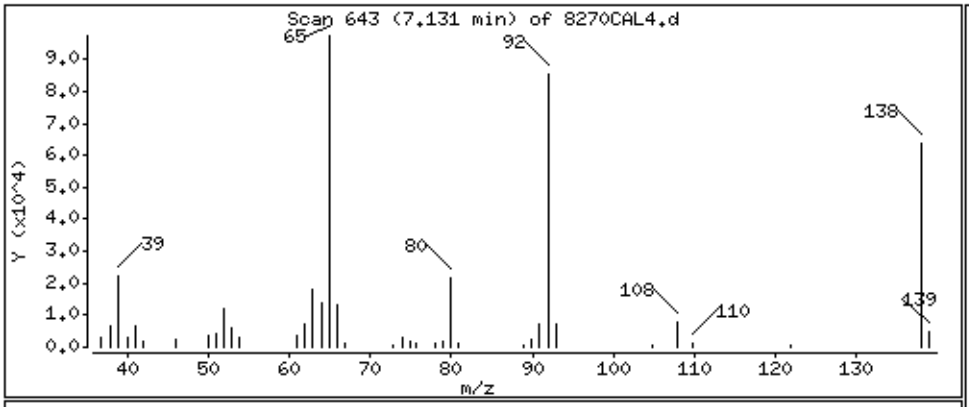
Operator: MJ

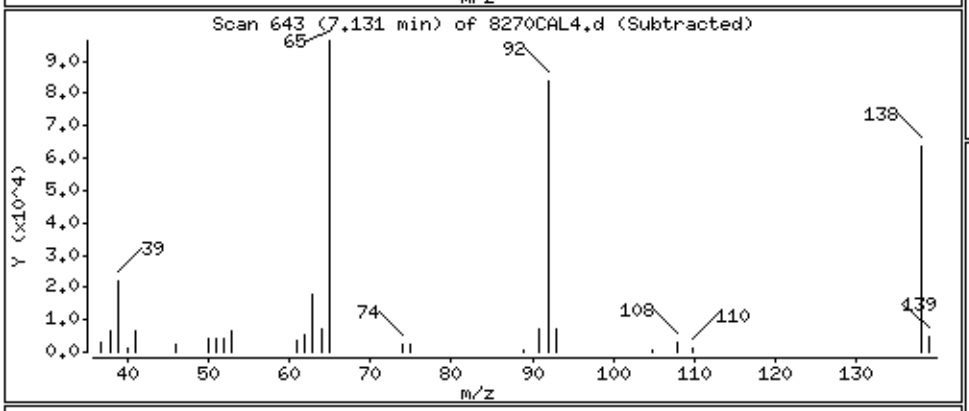
Column phase: HPMS-5

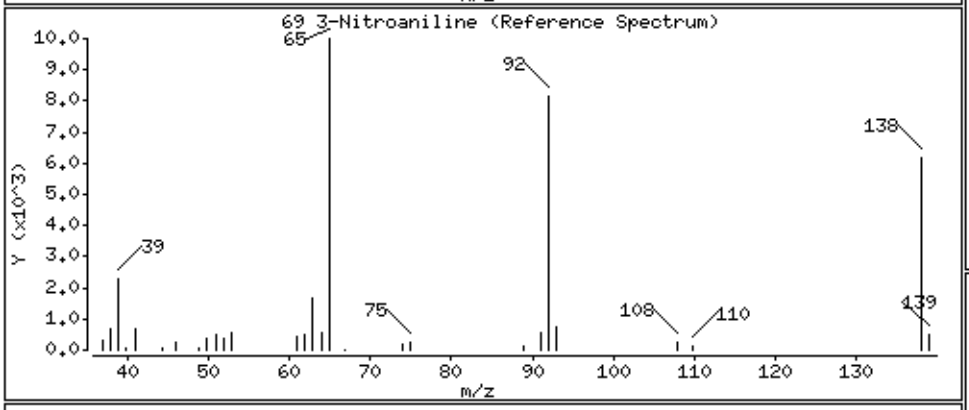
Column diameter: 0.25

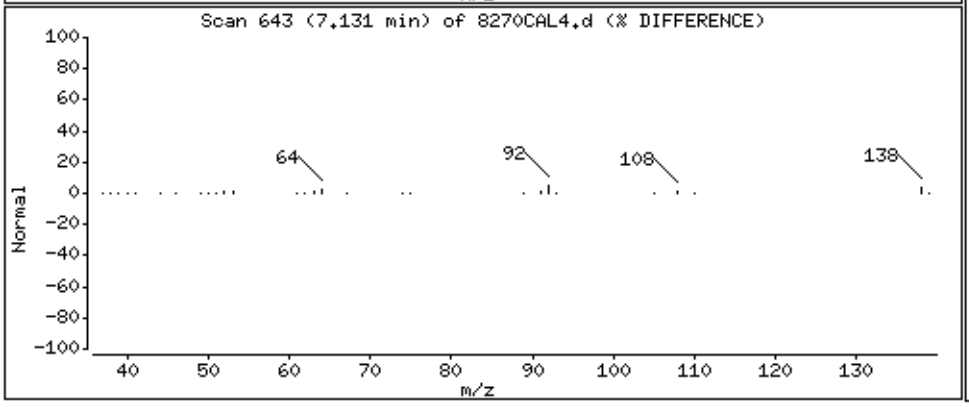
69 3-Nitroaniline

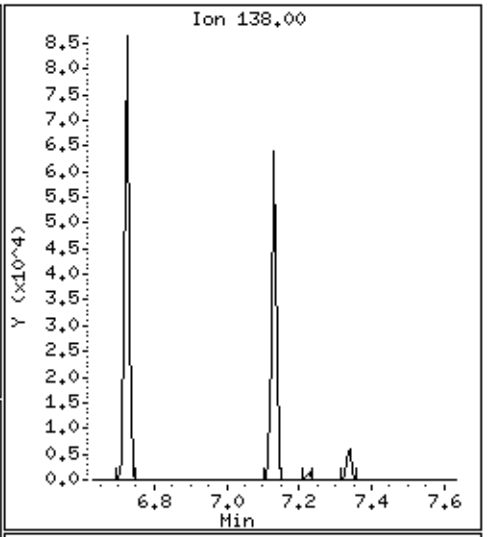
Concentration: 46.2 ug/l

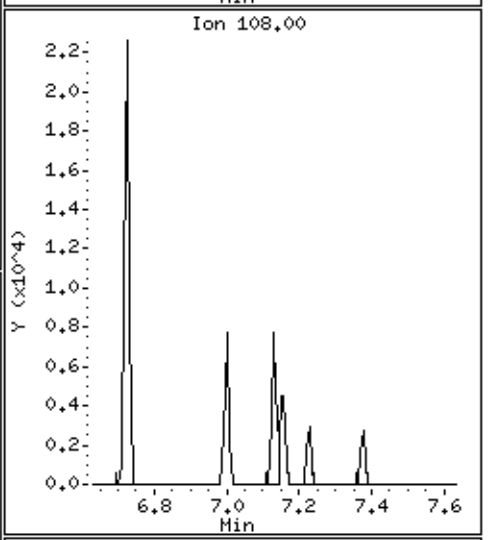


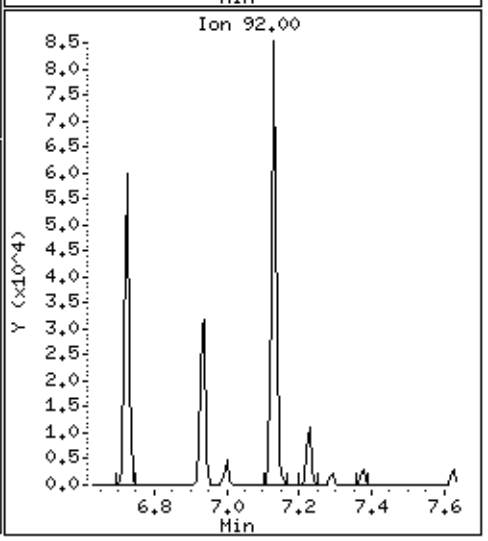












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

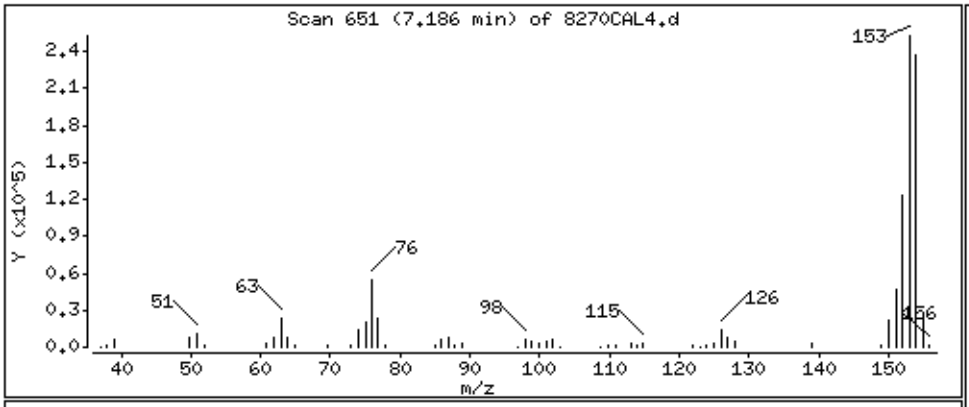
Client ID: 8270CAL4 Instrument: smsd04.i

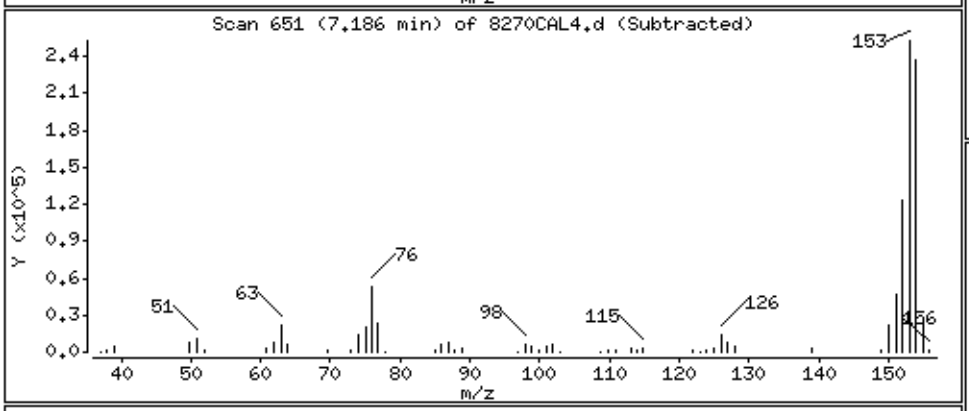
Sample Info: 47766

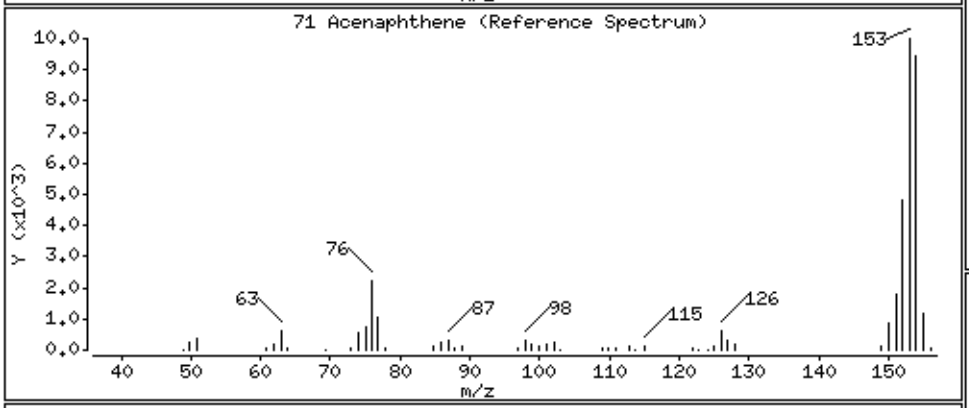
Purge Volume: 1000.0 Operator: MJ

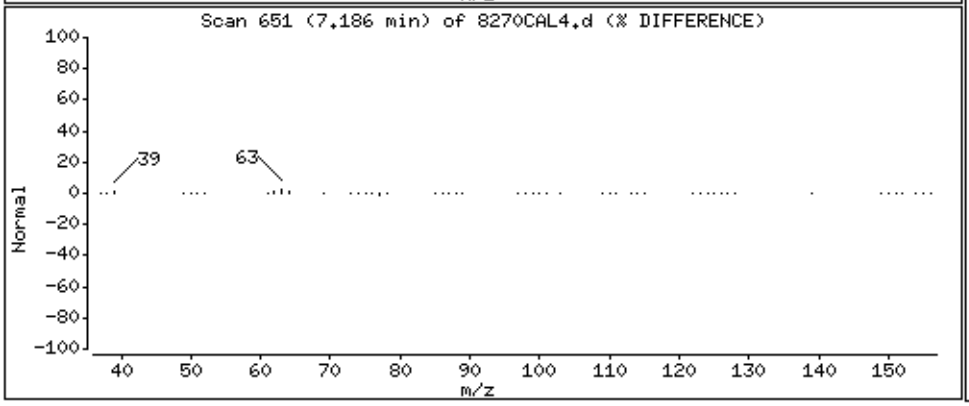
Column phase: HPMS-5 Column diameter: 0.25

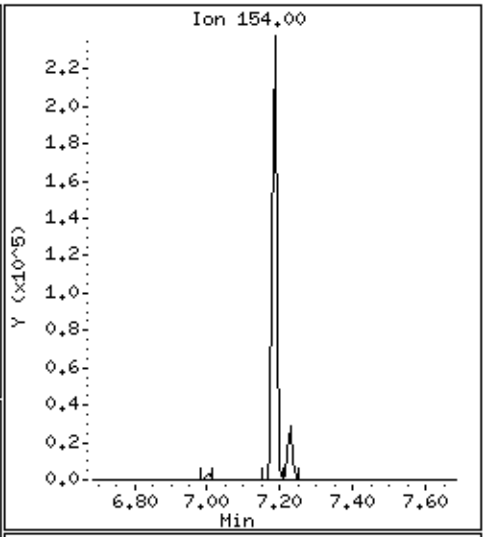
71 Acenaphthene Concentration: 44.2 ug/l

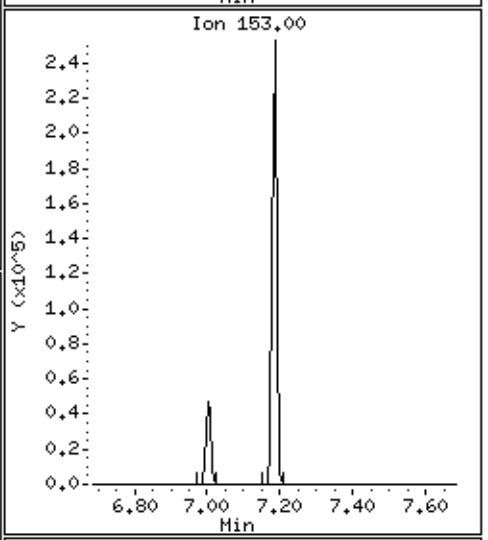


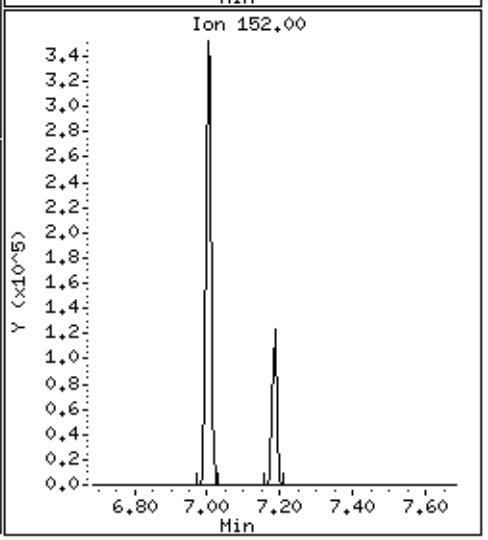












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

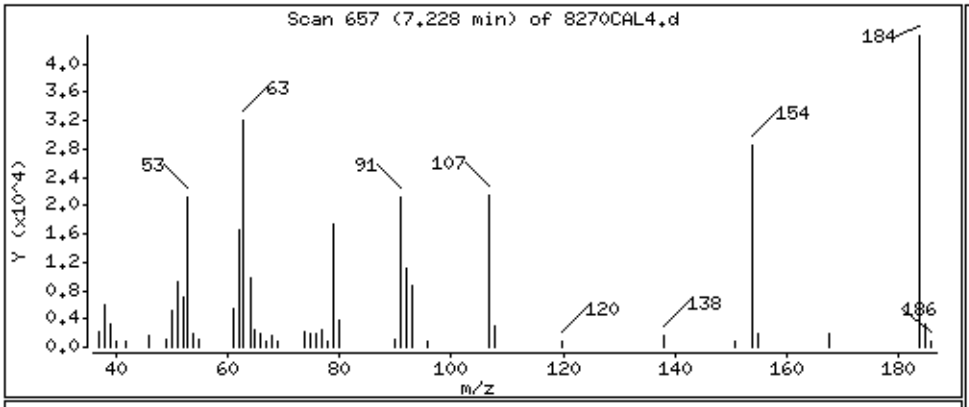
Operator: MJ

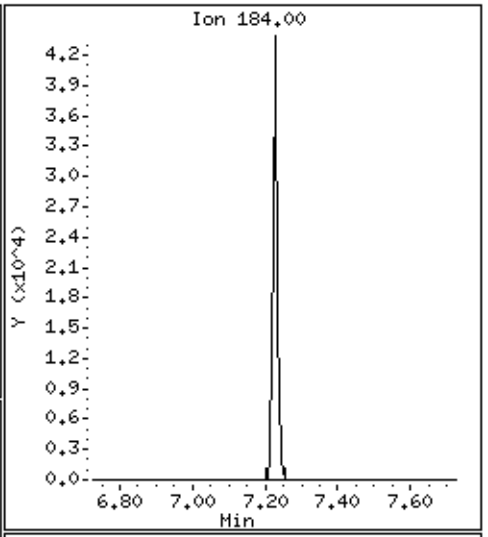
Column phase: HPMS-5

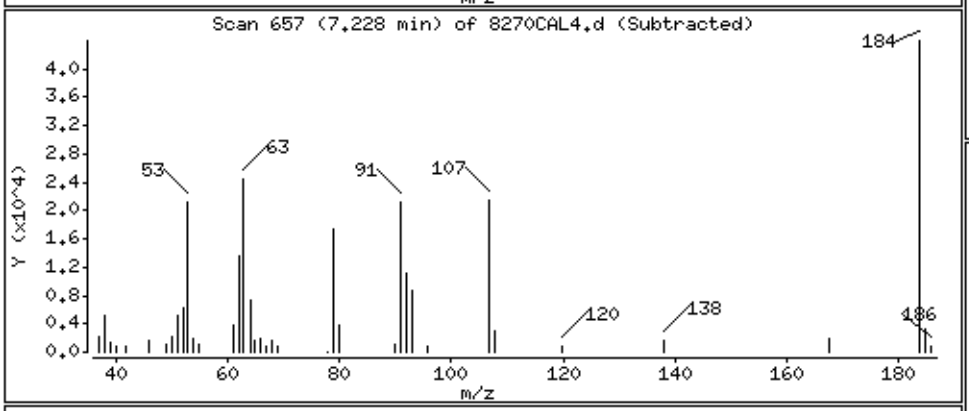
Column diameter: 0.25

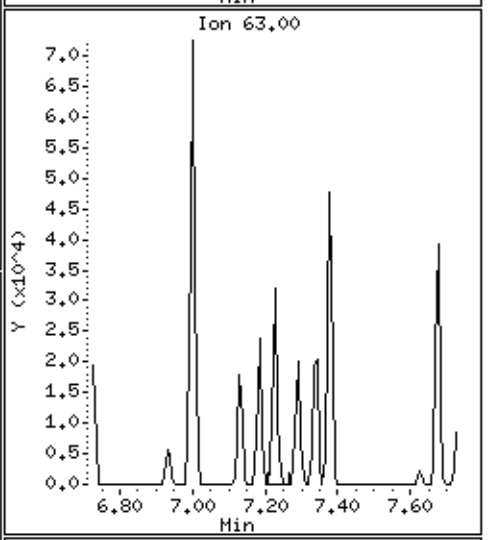
72 2,4-Dinitrophenol

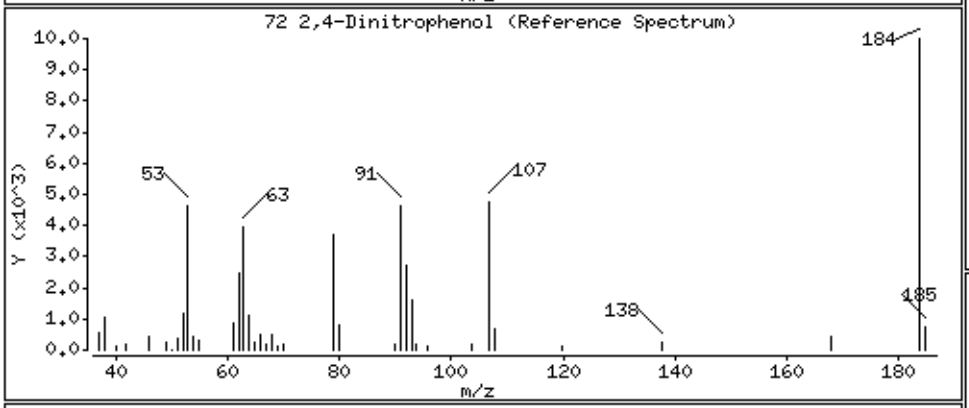
Concentration: 46.1 ug/l

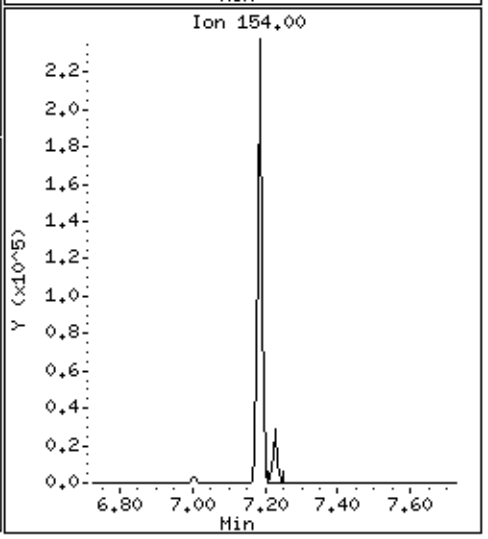


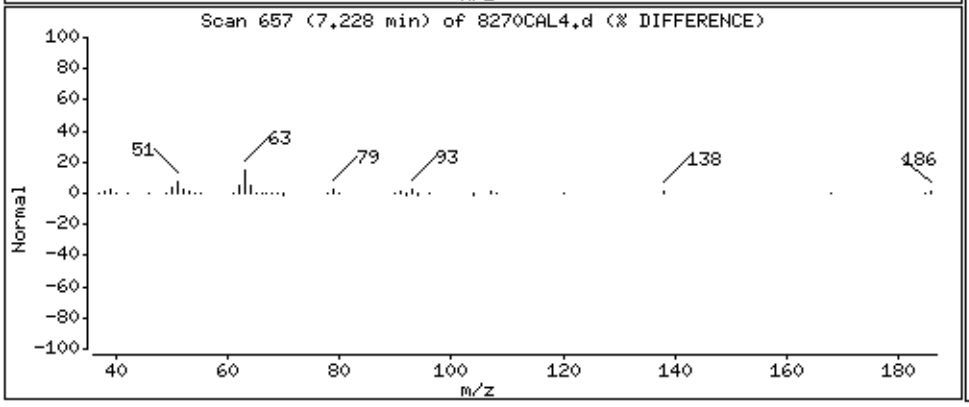












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

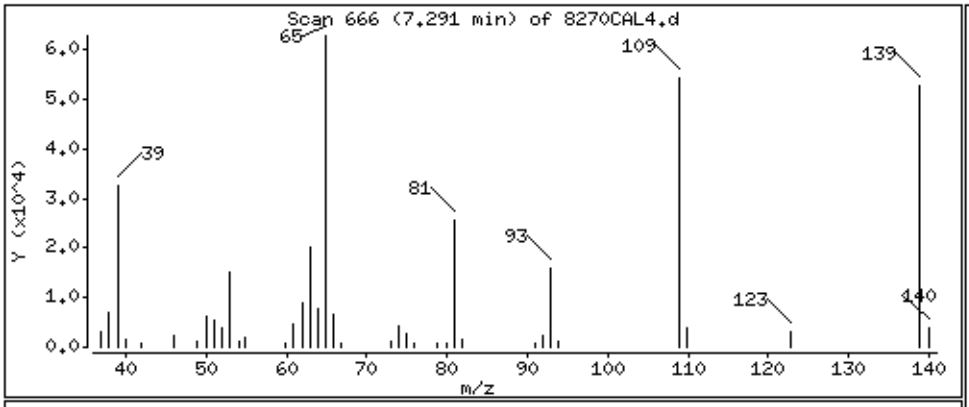
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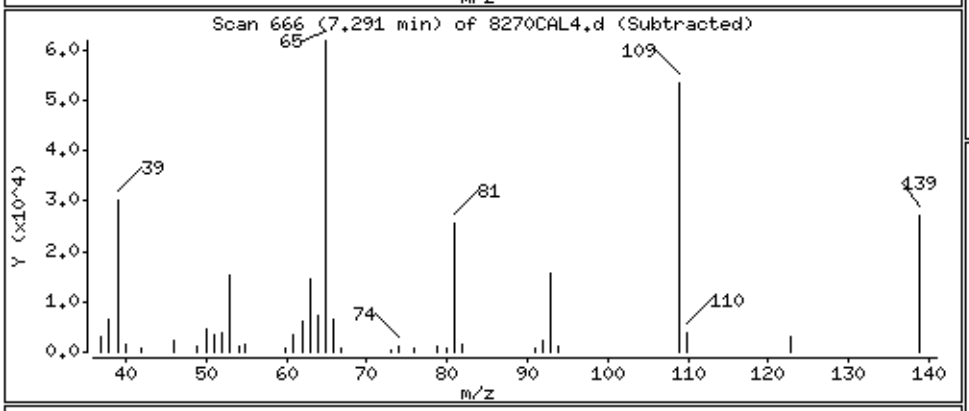
Column phase: HPMS-5

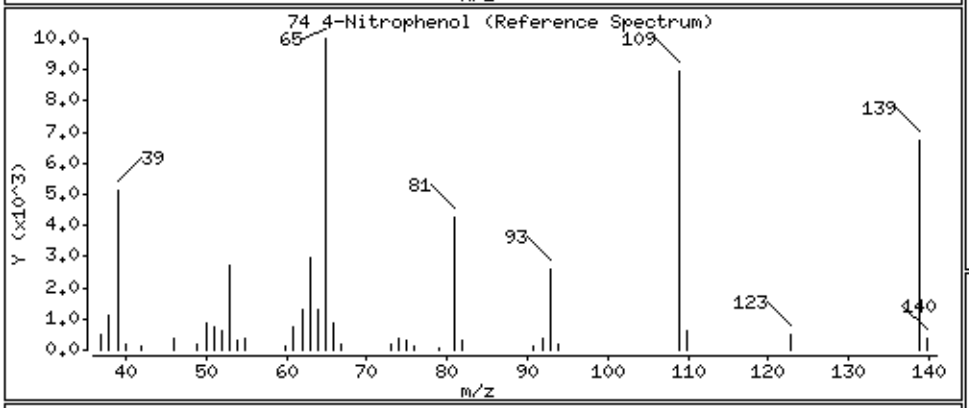
Column diameter: 0.25

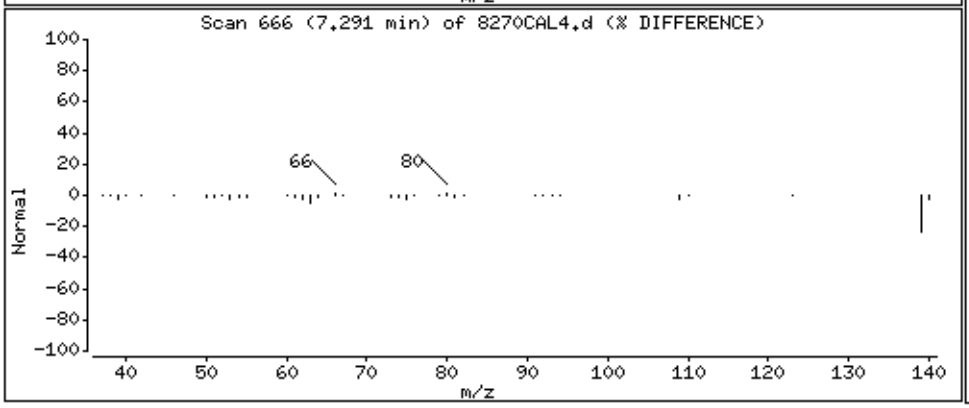
74 4-Nitrophenol

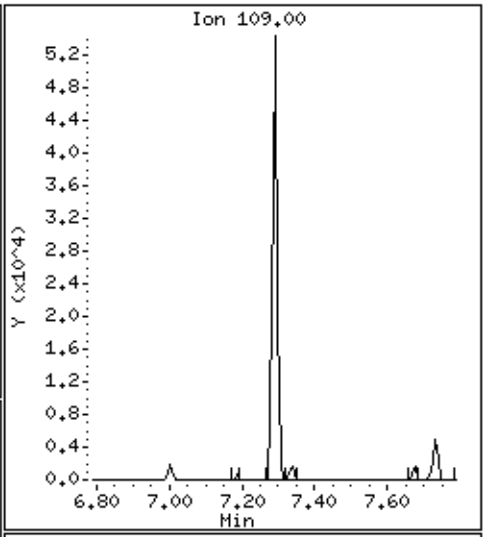
Concentration: 46.8 ug/l

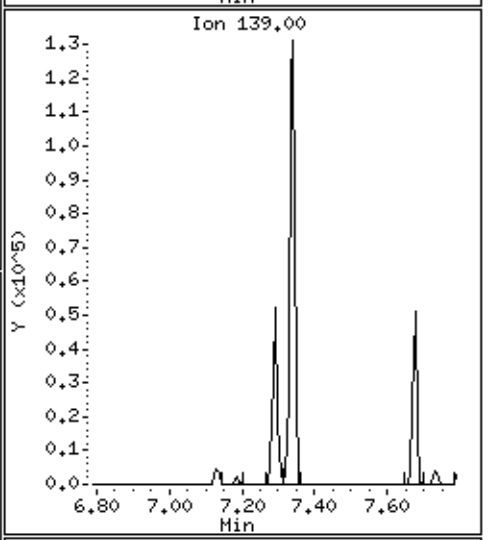


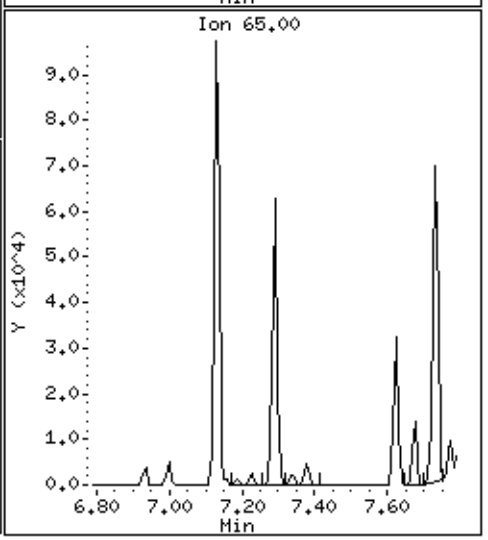












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

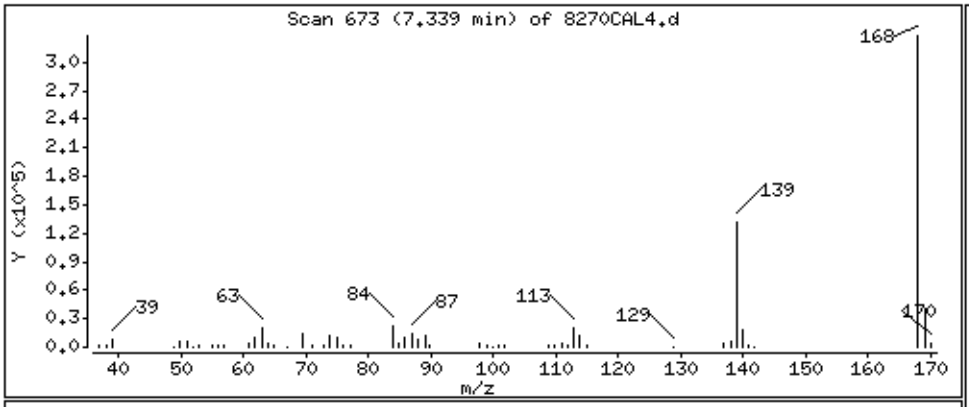
Client ID: 8270CAL4 Instrument: smsd04.i

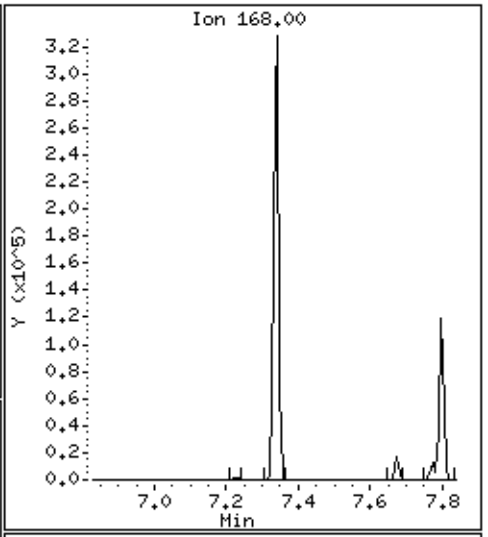
Sample Info: 47766

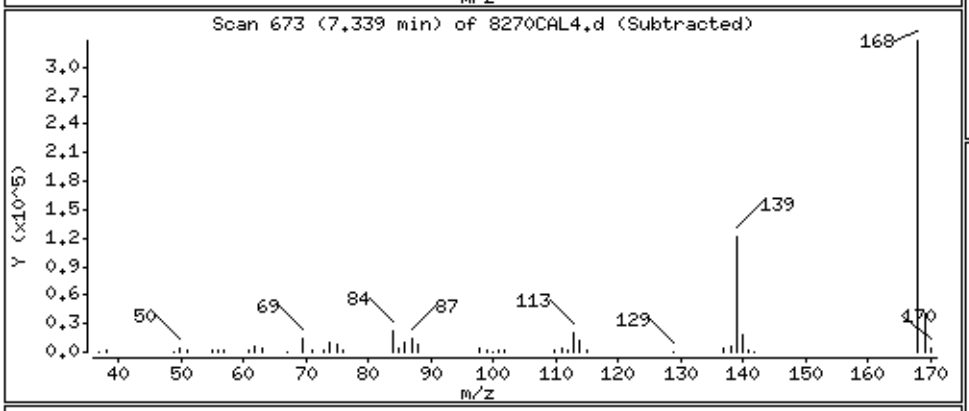
Purge Volume: 1000.0 Operator: MJ

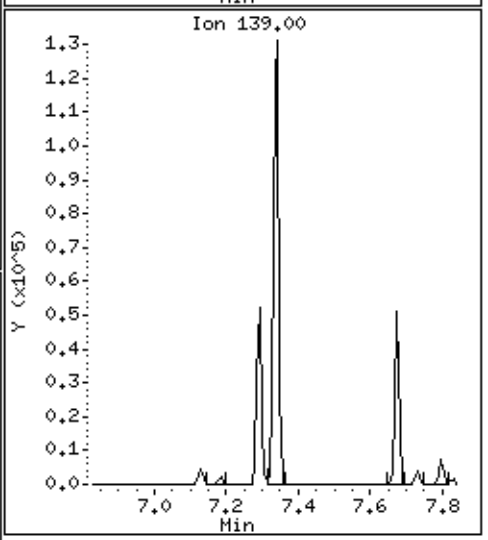
Column phase: HPMS-5 Column diameter: 0.25

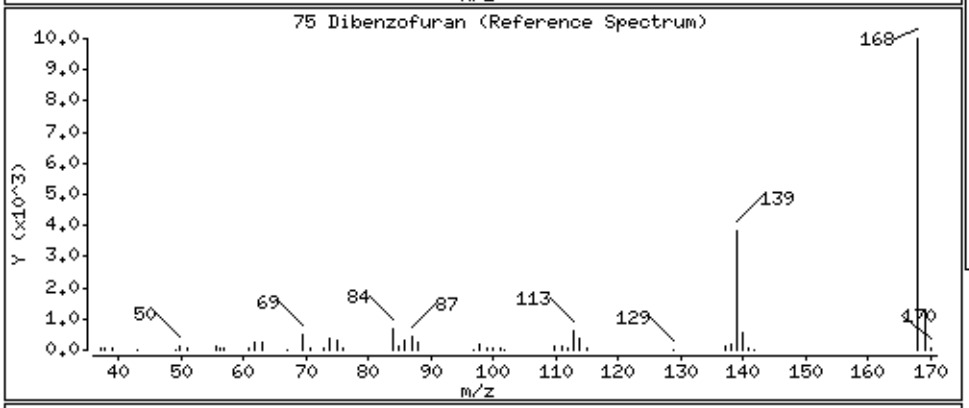
75 Dibenzofuran Concentration: 44.9 ug/l

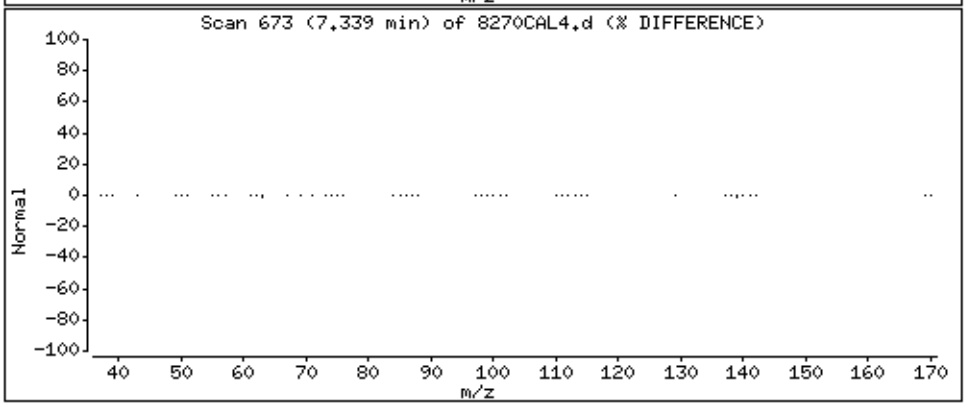












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

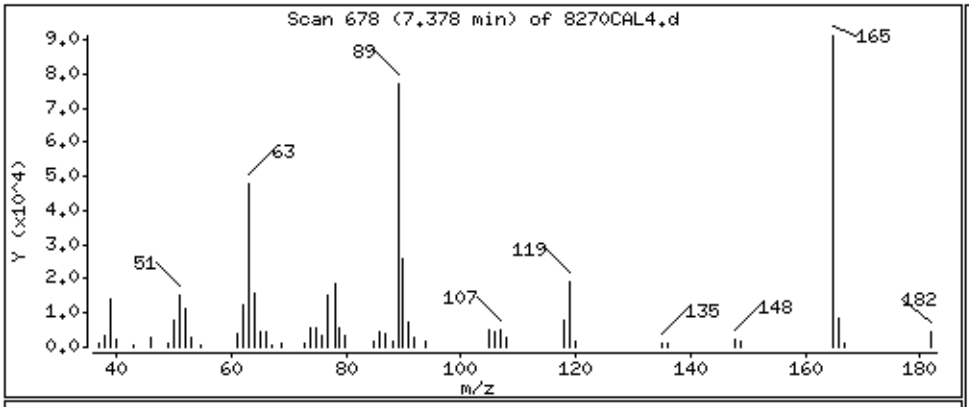
Client ID: 8270CAL4 Instrument: smsd04.i

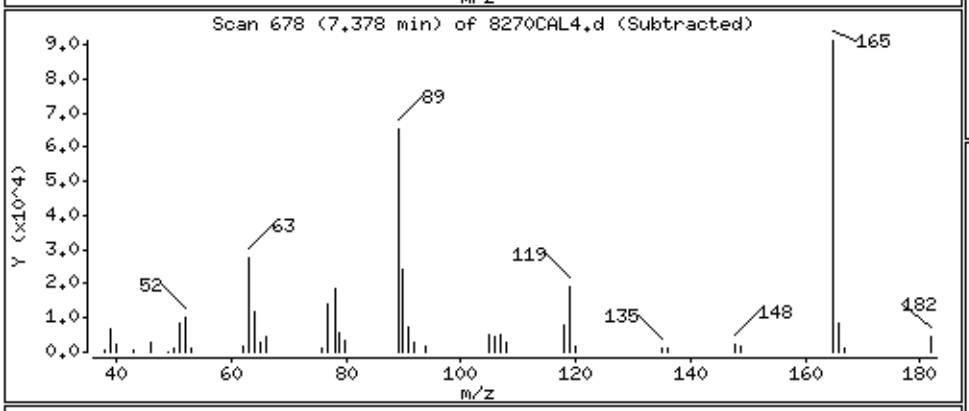
Sample Info: 47766

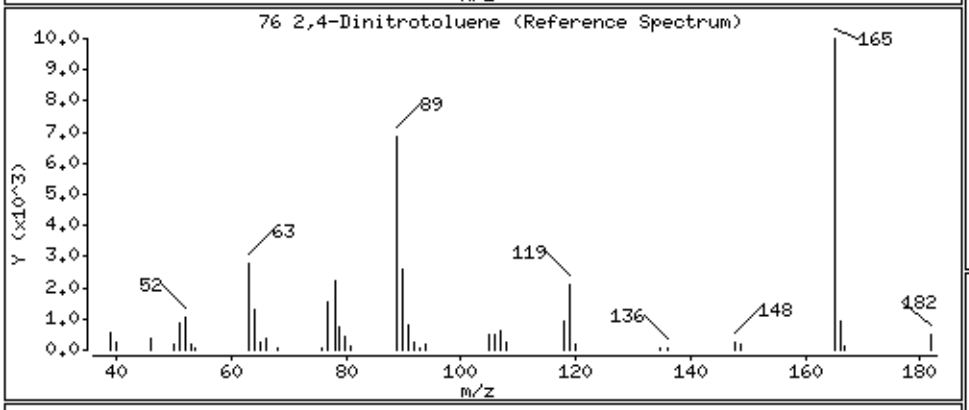
Purge Volume: 1000.0 Operator: MJ

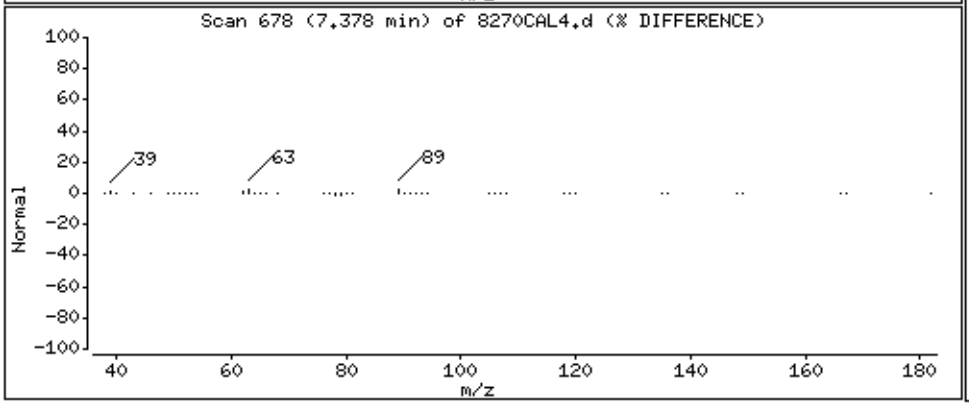
Column phase: HPMS-5 Column diameter: 0.25

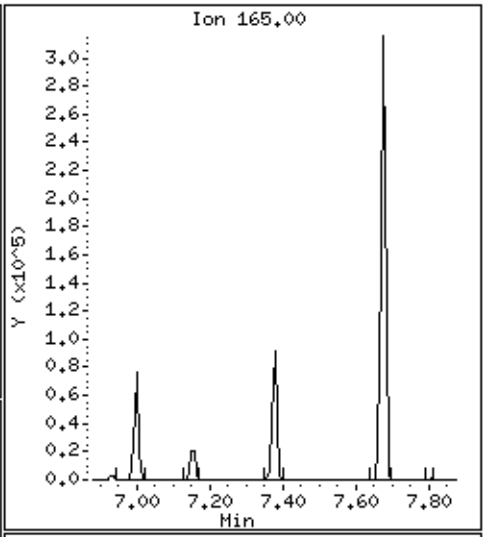
76 2,4-Dinitrotoluene Concentration: 46.2 ug/l

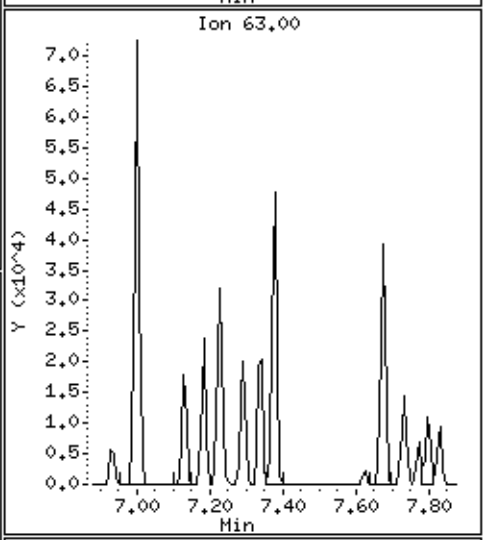


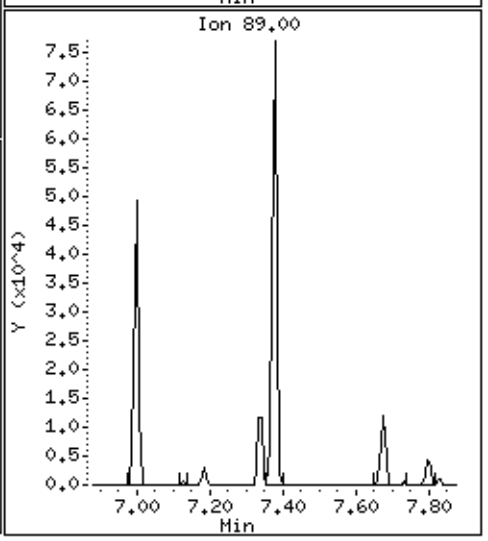












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

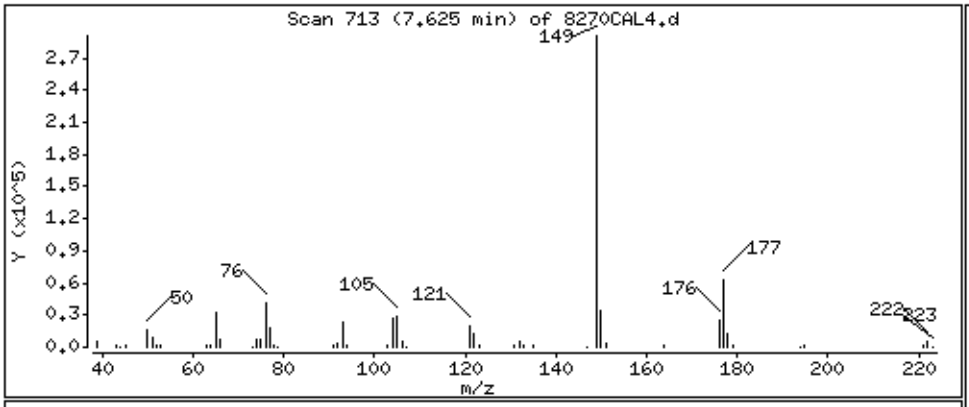
Client ID: 8270CAL4 Instrument: smsd04.i

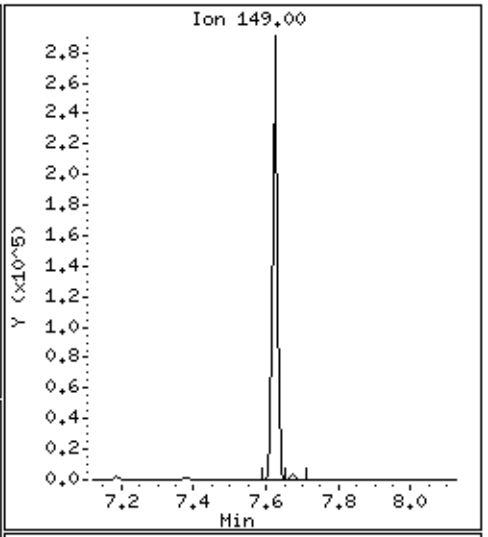
Sample Info: 47766

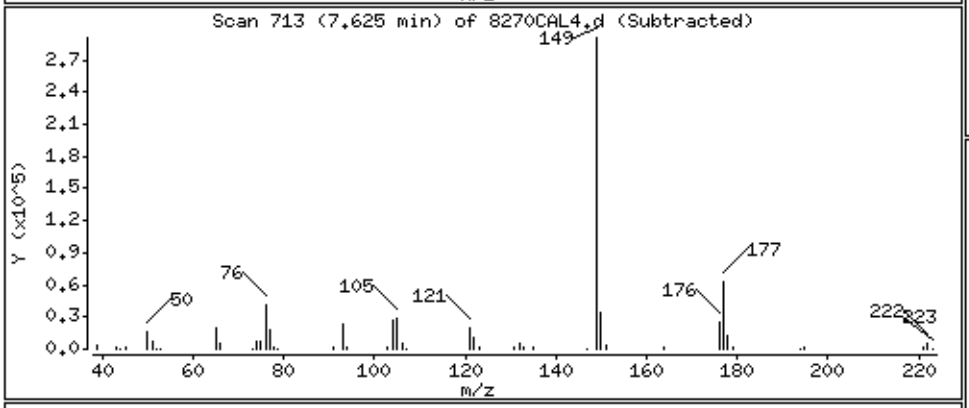
Purge Volume: 1000.0 Operator: MJ

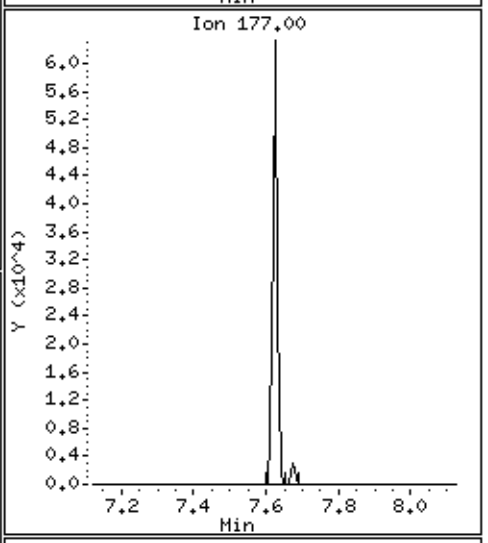
Column phase: HPMS-5 Column diameter: 0.25

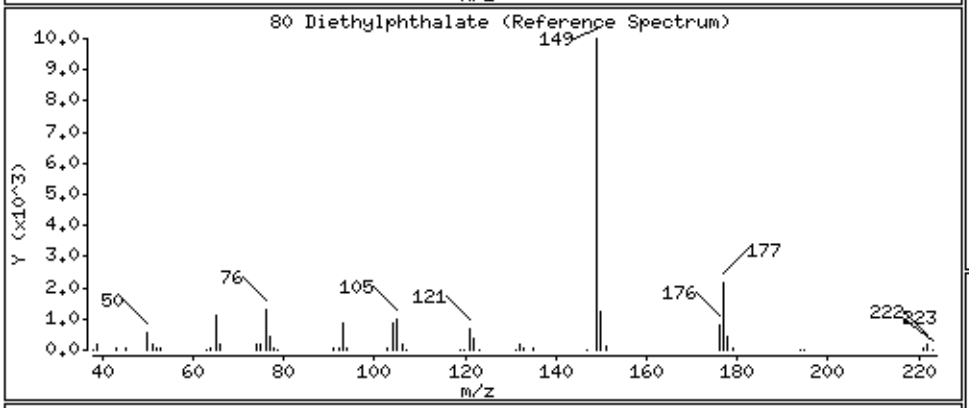
80 Diethylphthalate Concentration: 44.5 ug/l

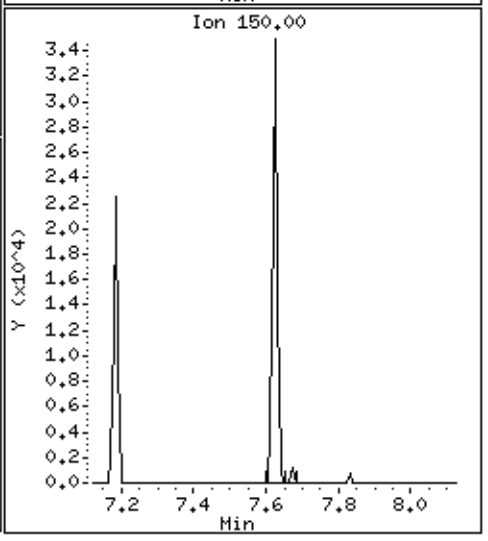


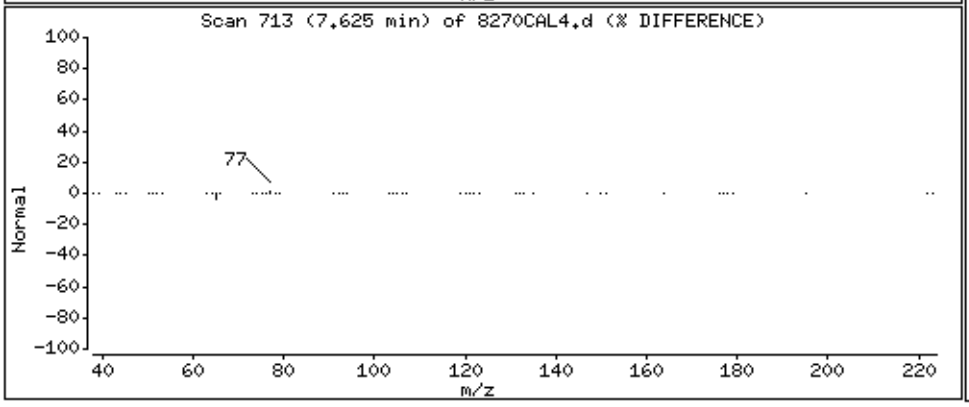












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

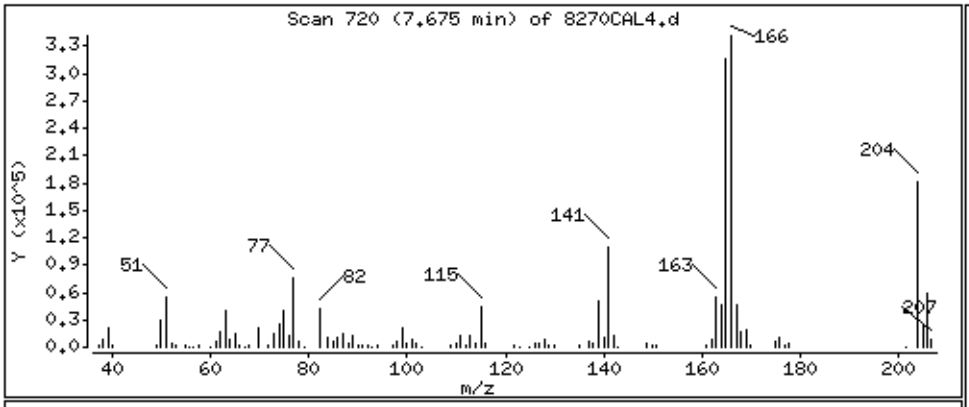
Operator: MJ

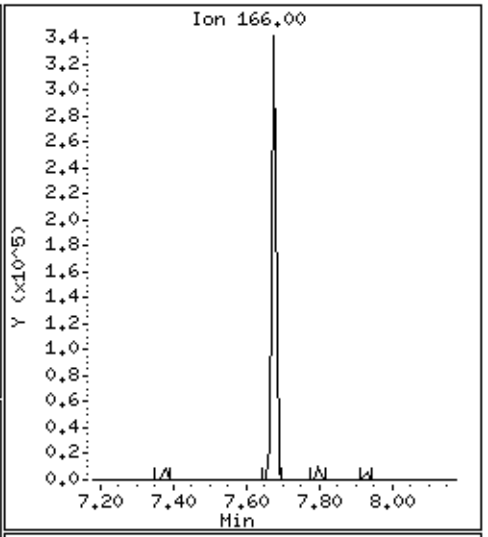
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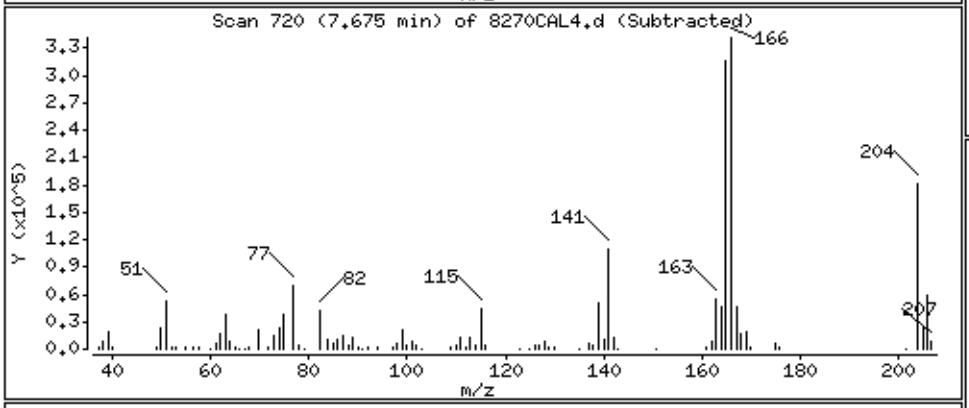
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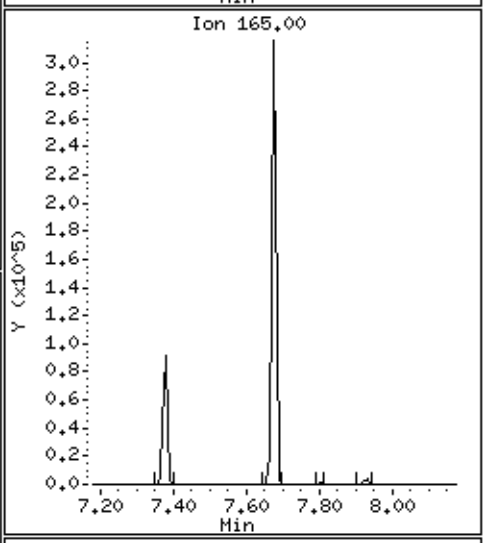
81 Fluorene

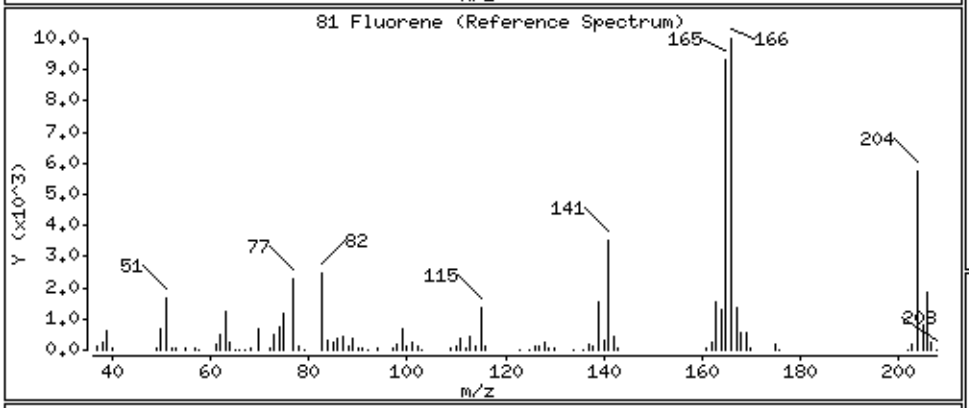
Concentration: 45.0 ug/l

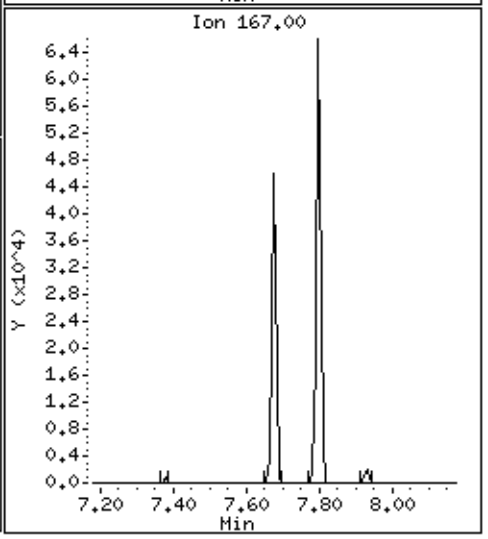


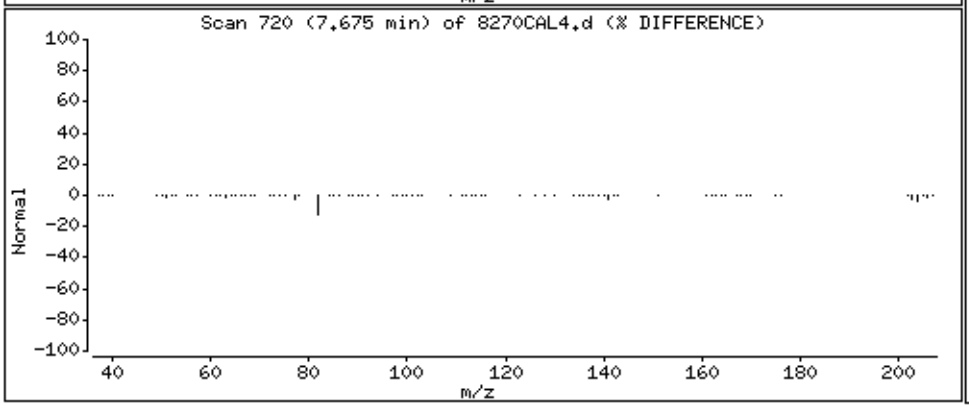












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

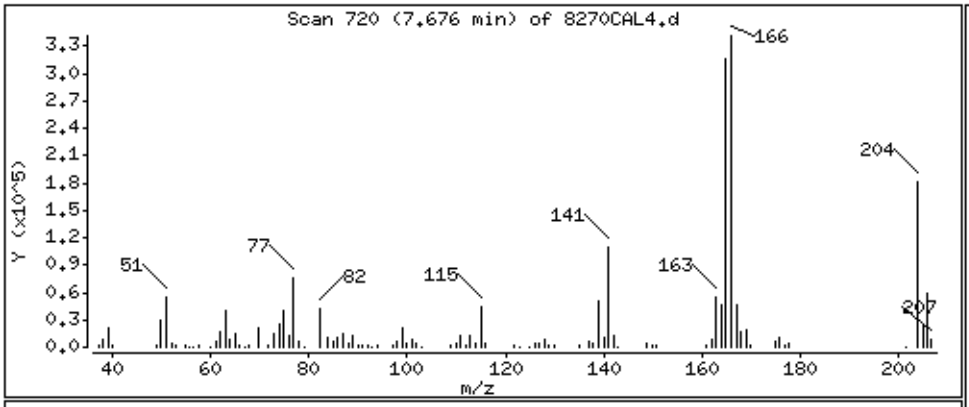
Operator: MJ

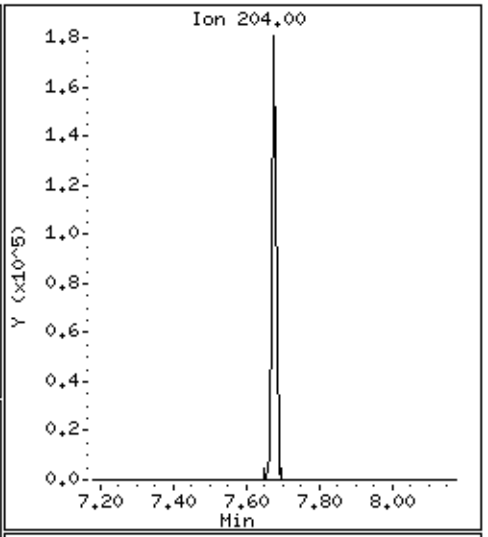
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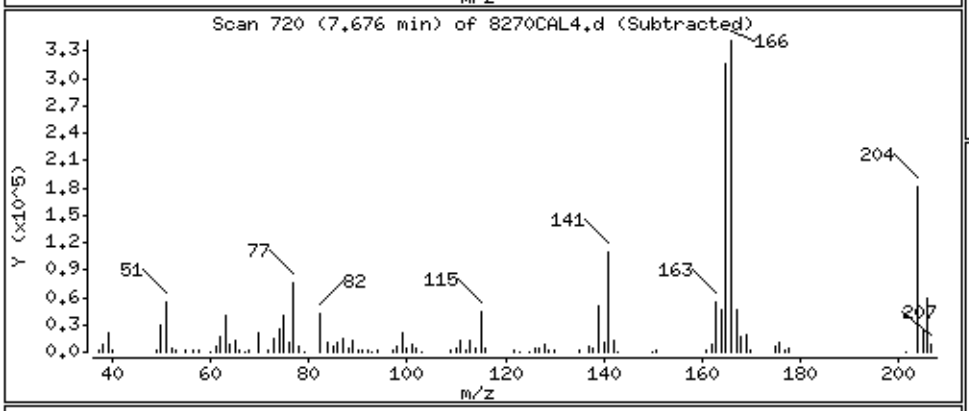
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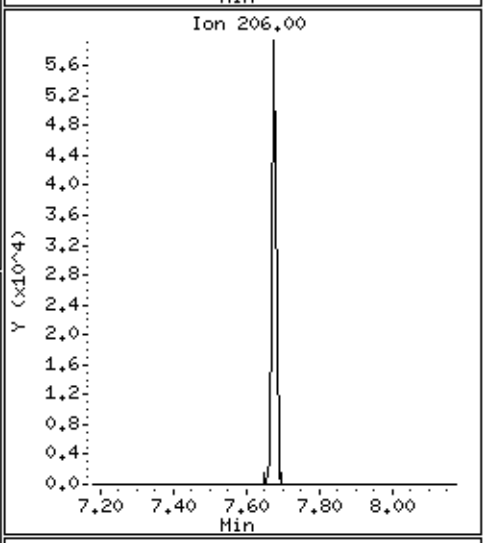
82 4-Chlorophenyl-phenylether

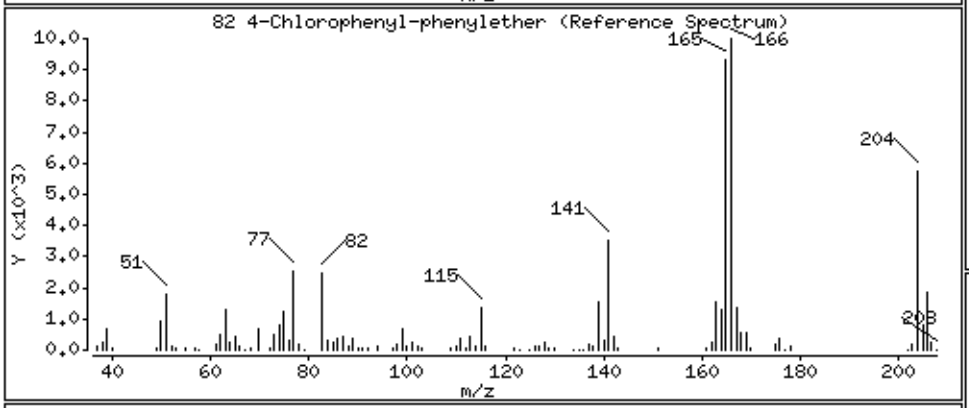
Concentration: 44.6 ug/l

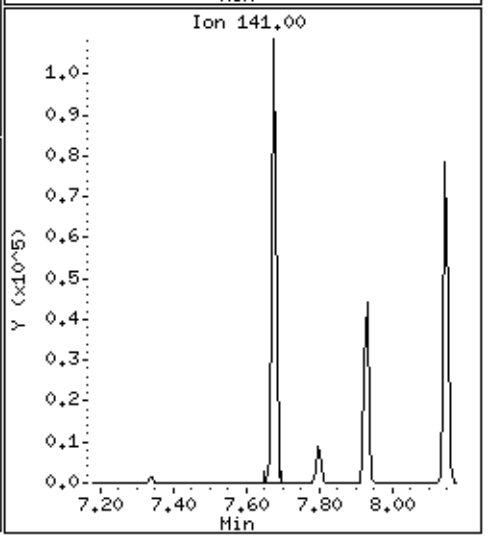


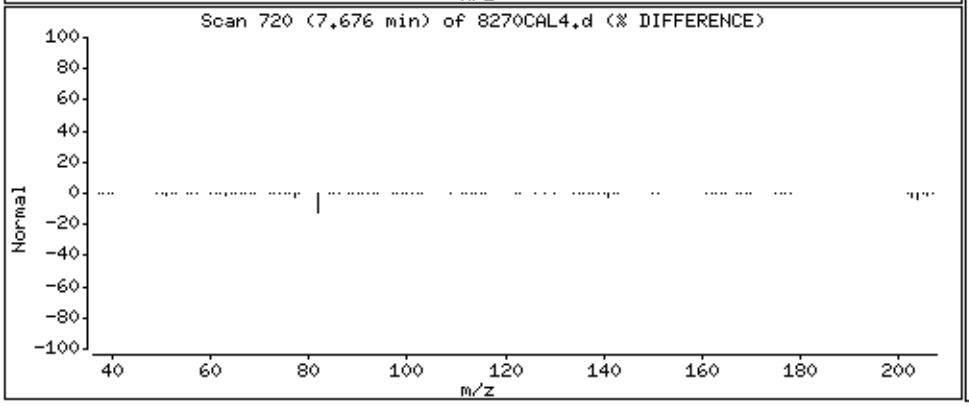












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

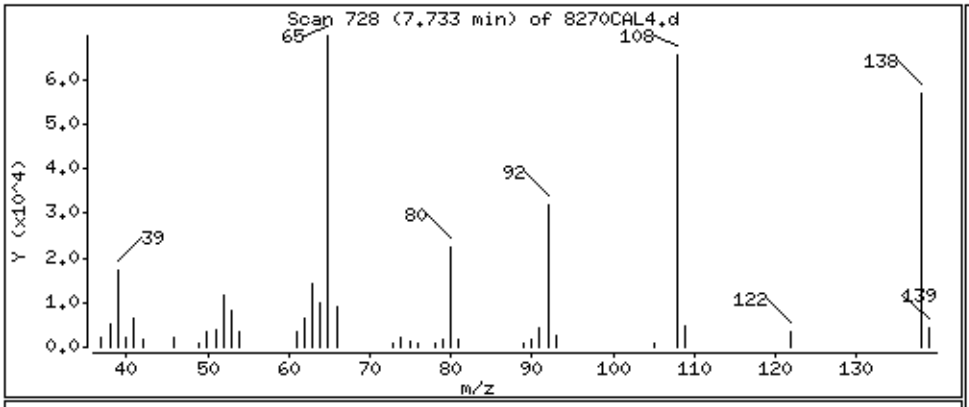
Operator: MJ

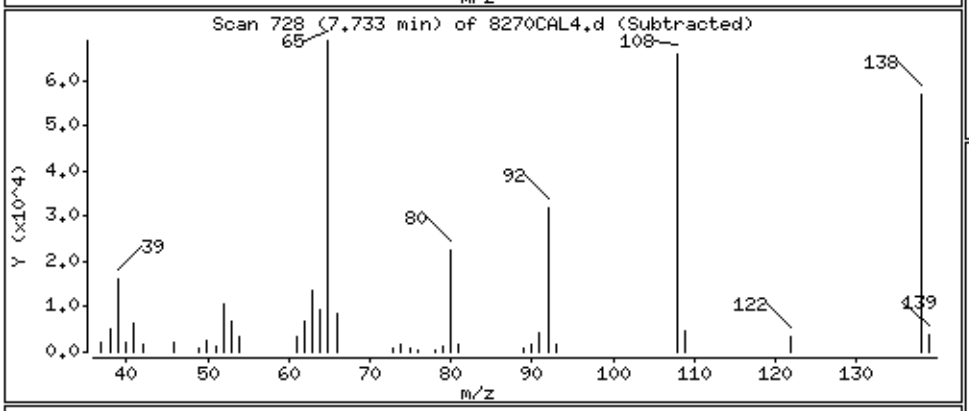
Column phase: HPMS-5

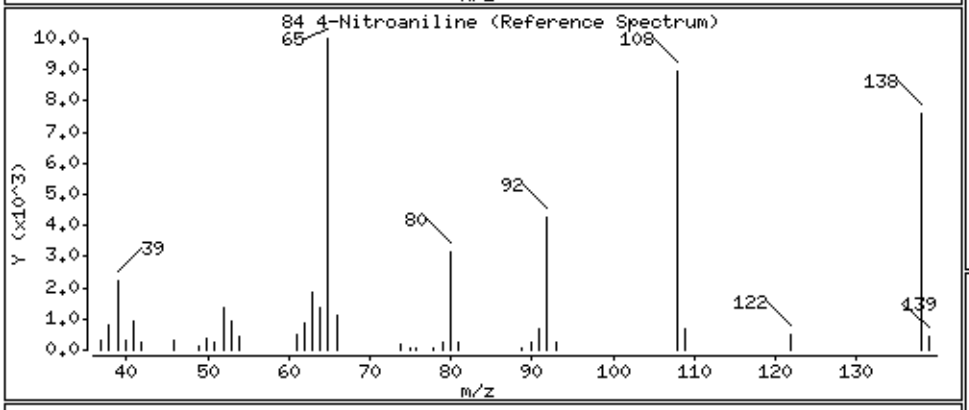
Column diameter: 0.25

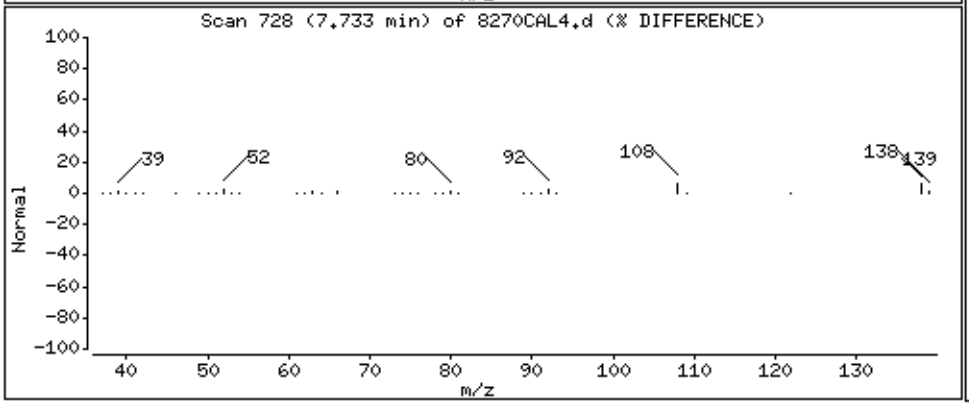
84 4-Nitroaniline

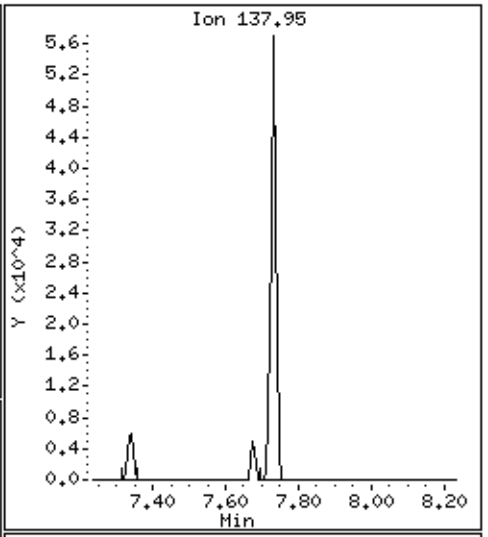
Concentration: 48.7 ug/l

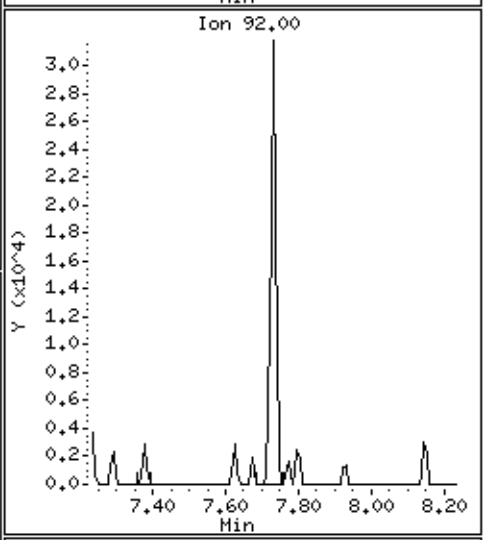


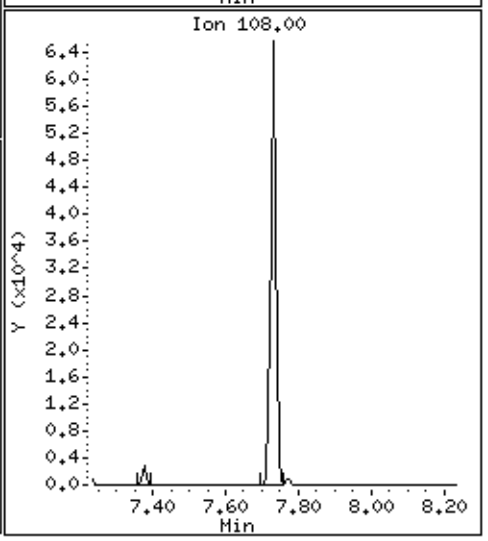












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

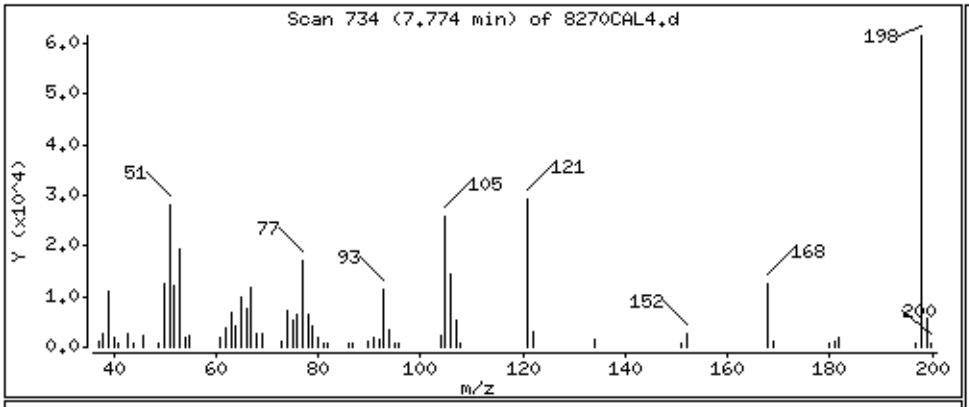
Operator: MJ

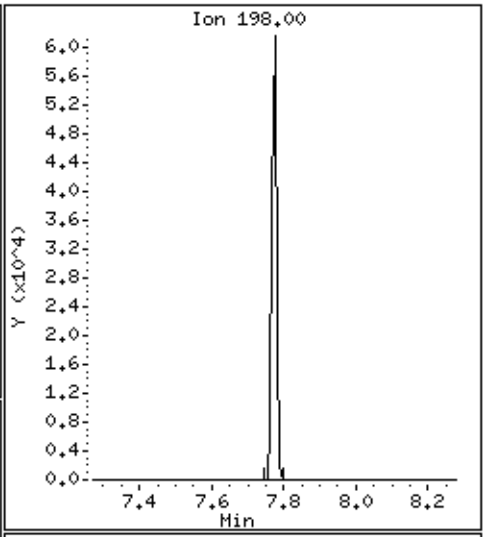
Column phase: HPMS-5

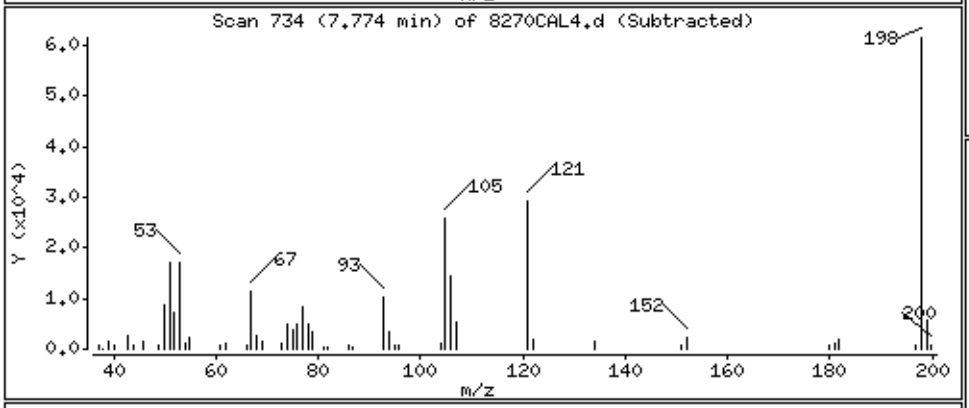
Column diameter: 0.25

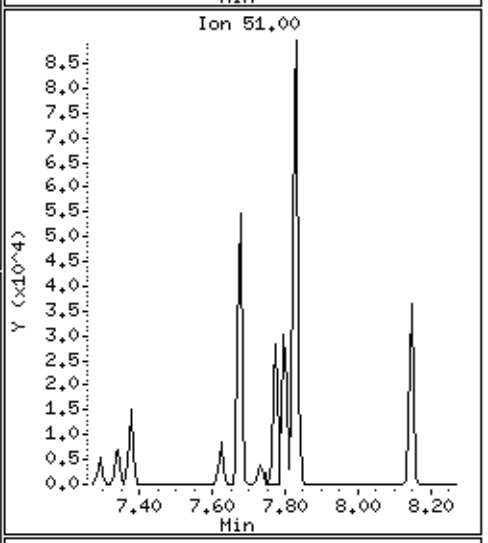
85 4,6-Dinitro-2-methylphenol

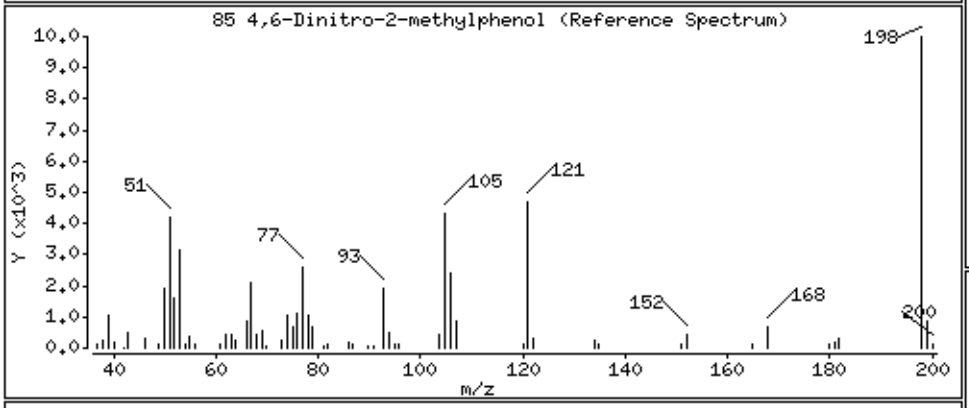
Concentration: 47.9 ug/l

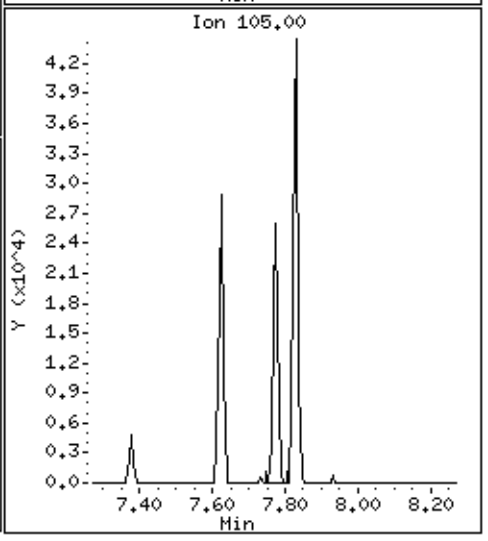


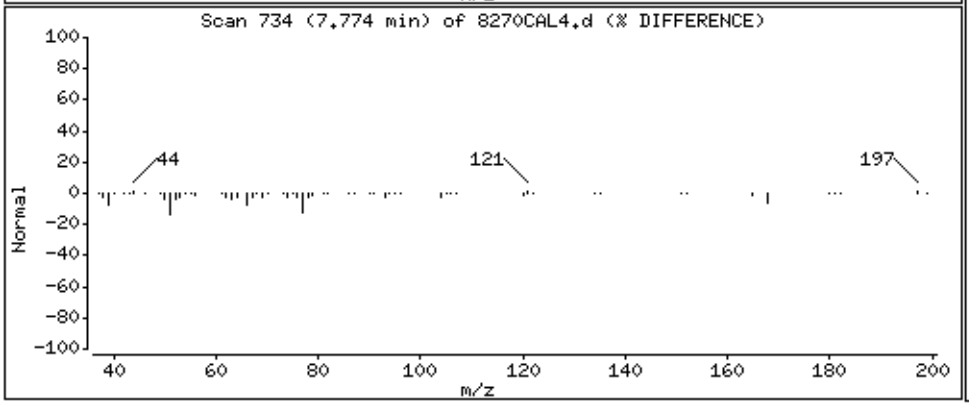












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

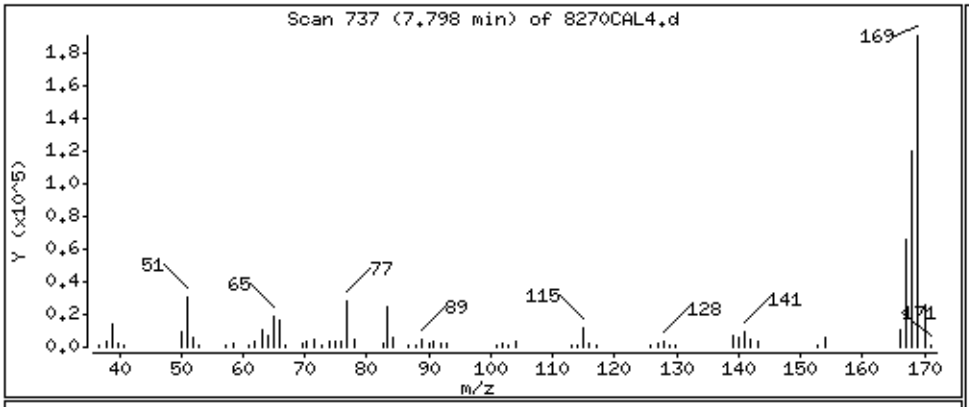
Client ID: 8270CAL4 Instrument: smsd04.i

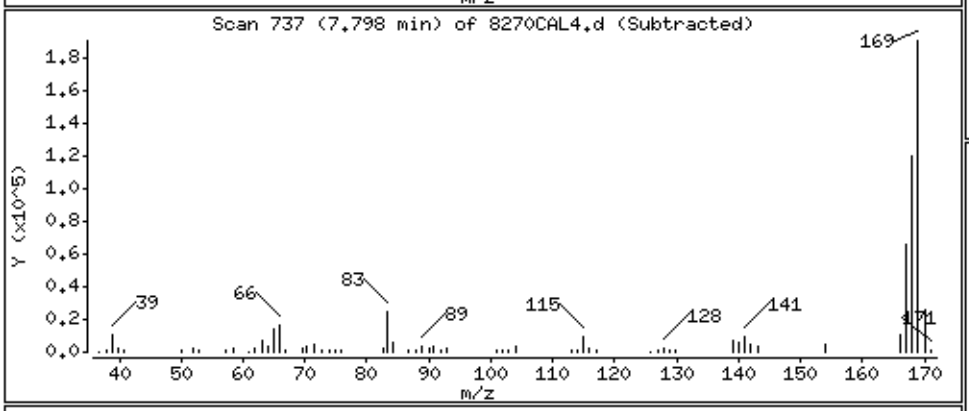
Sample Info: 47766

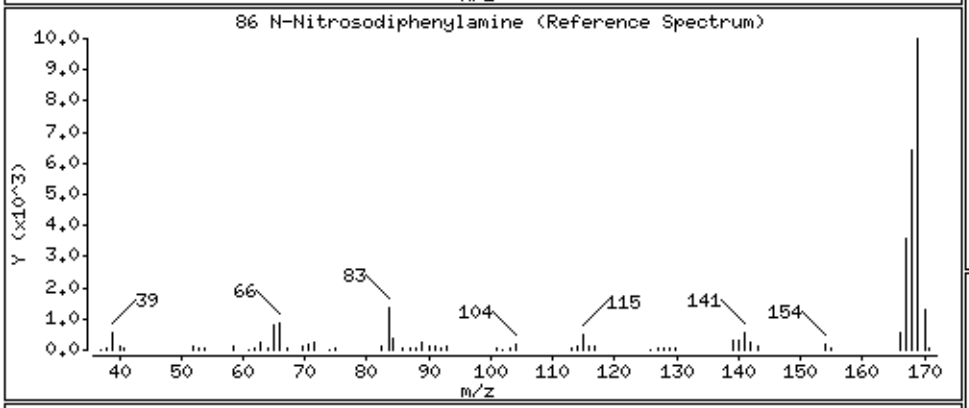
Purge Volume: 1000.0 Operator: MJ

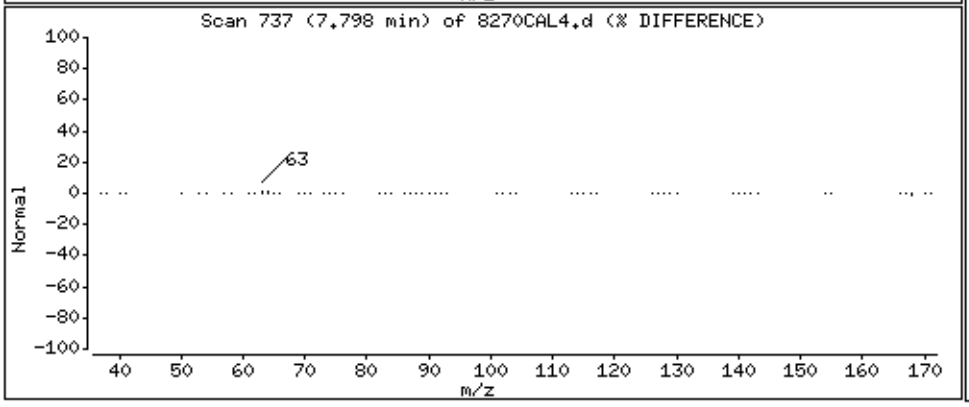
Column phase: HPMS-5 Column diameter: 0.25

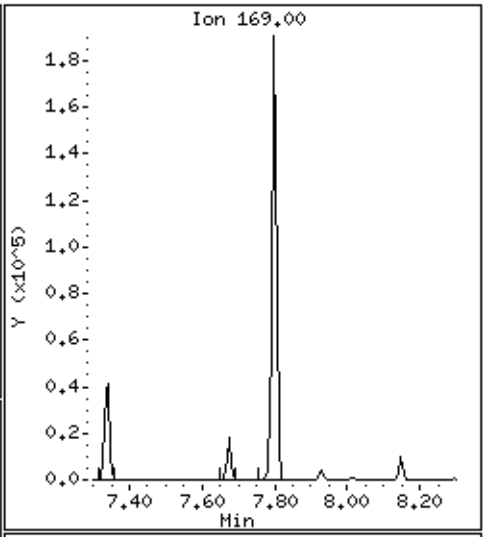
86 N-Nitrosodiphenylamine Concentration: 45.1 ug/l

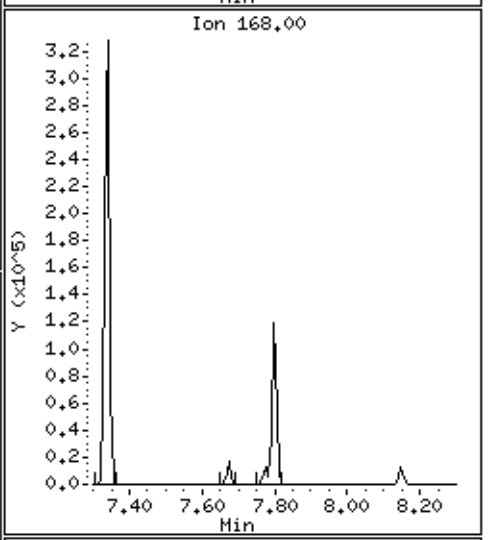


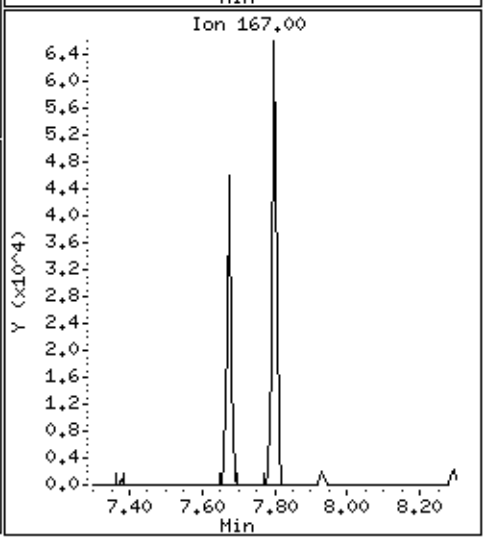












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

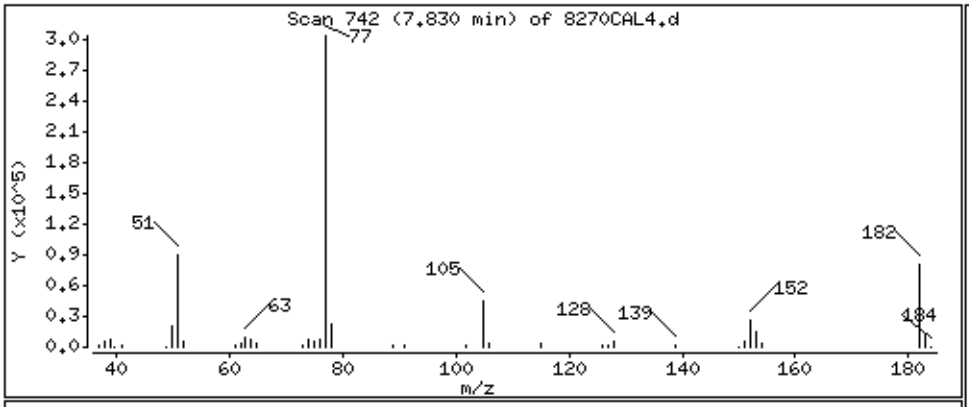
Client ID: 8270CAL4 Instrument: smsd04.i

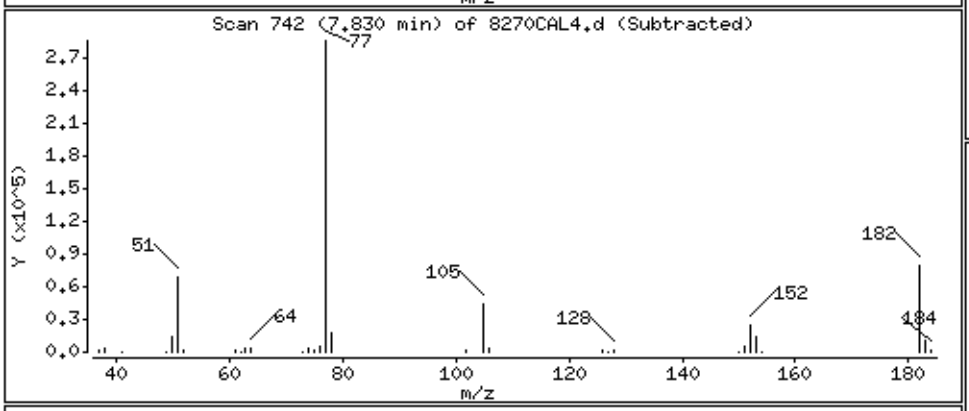
Sample Info: 47766

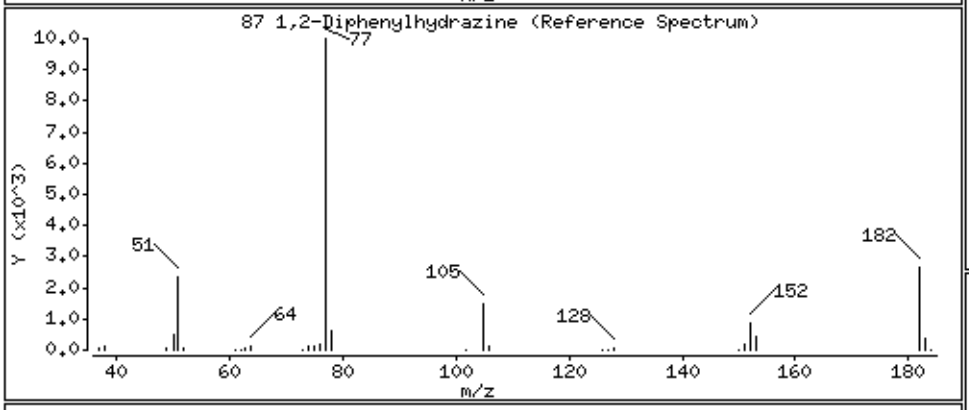
Purge Volume: 1000.0 Operator: MJ

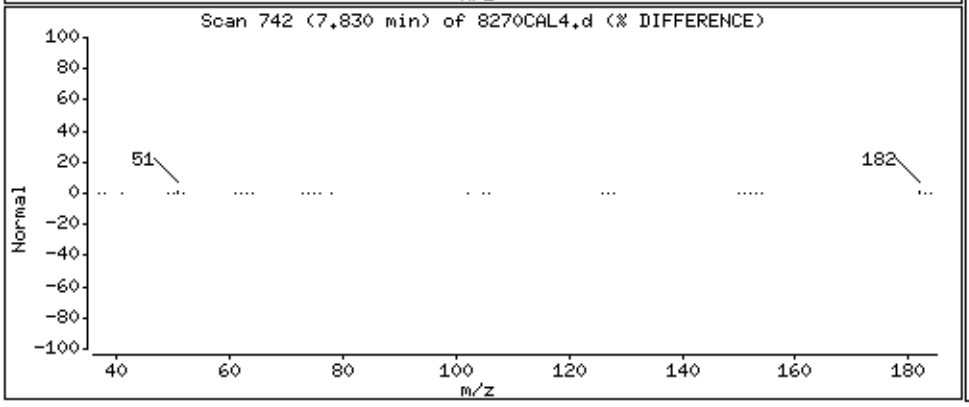
Column phase: HPMS-5 Column diameter: 0.25

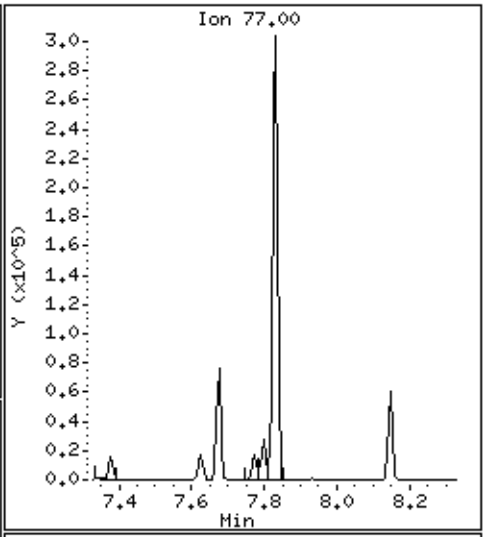
87 1,2-Diphenylhydrazine Concentration: 42.5 ug/l

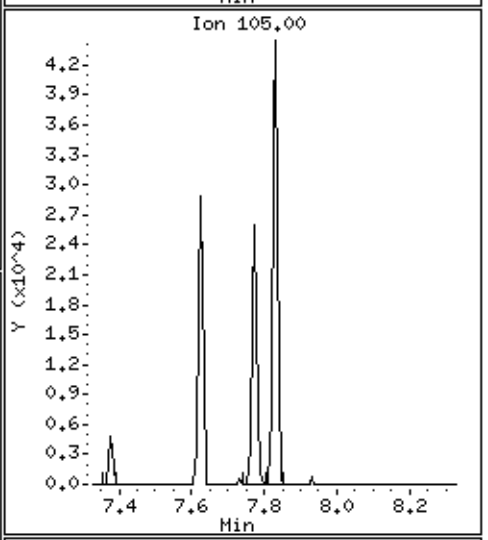


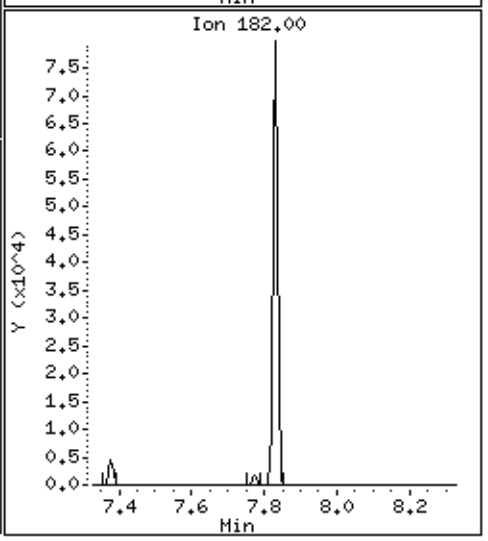












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

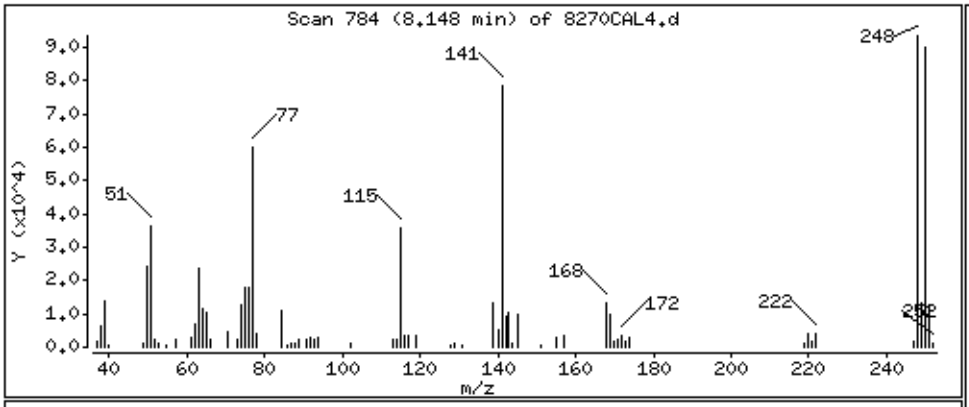
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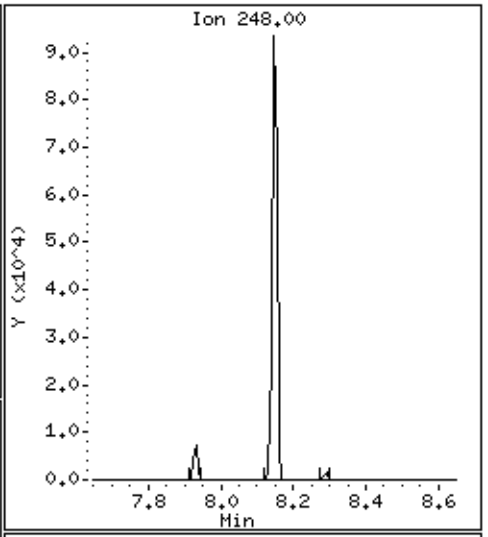
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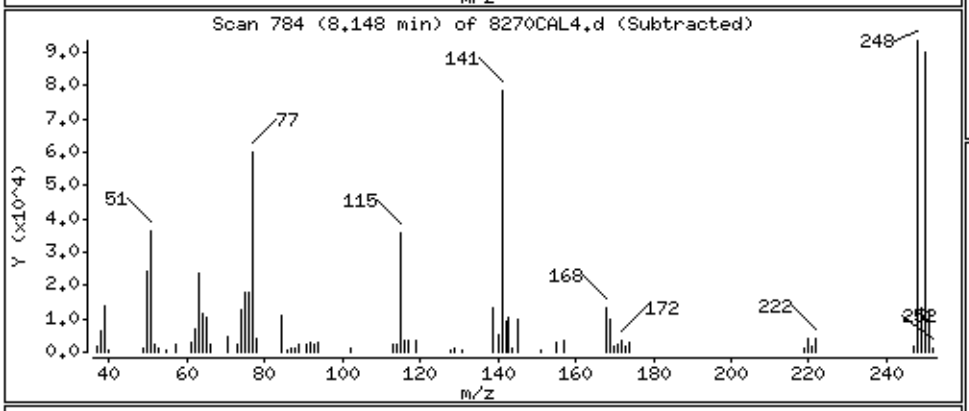
Column diameter: 0.25

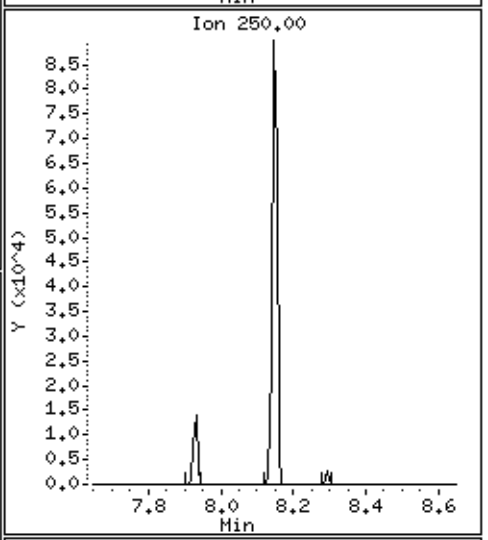
93 4-Bromophenylphenylether

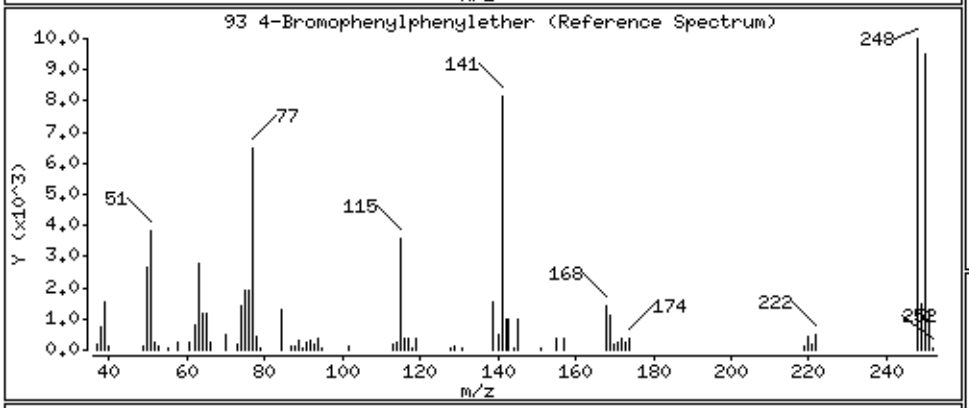
Concentration: 45.6 ug/l

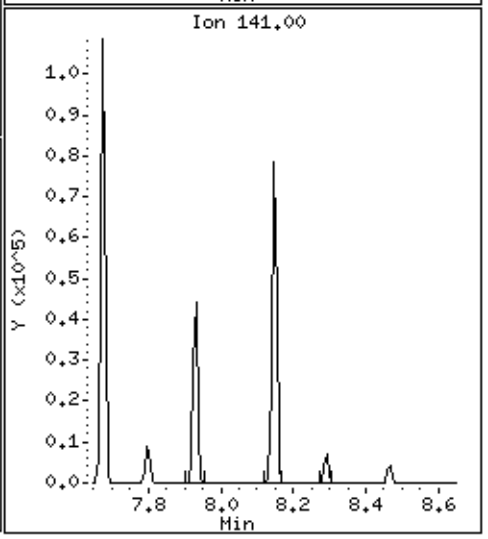


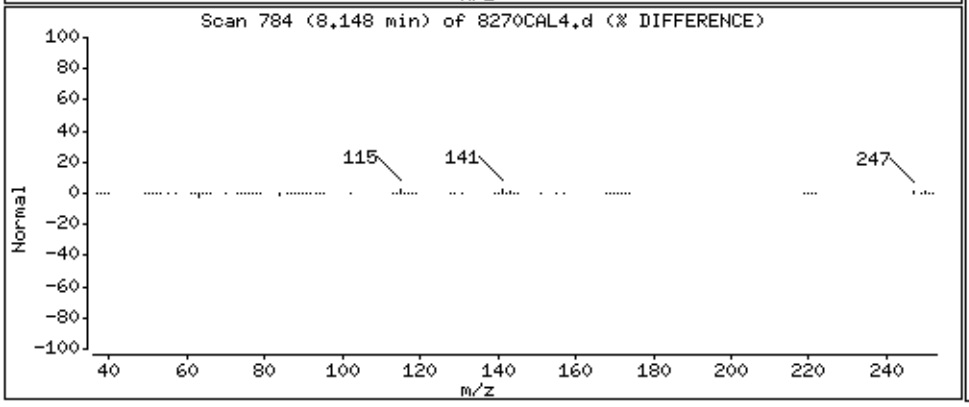












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

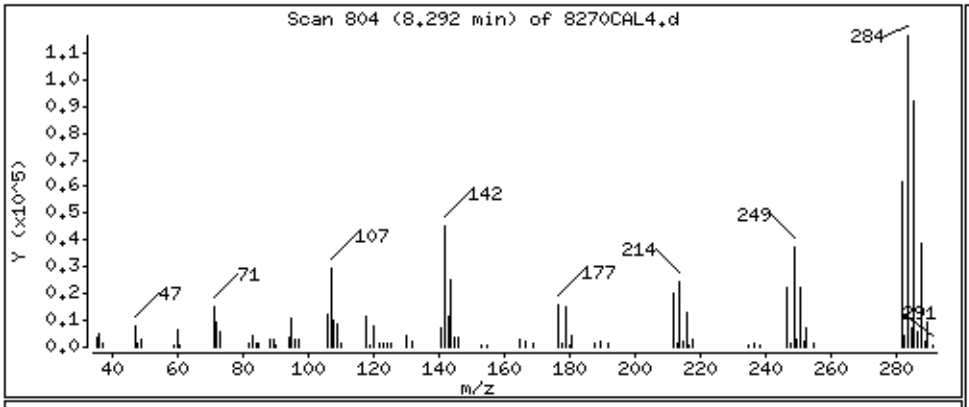
Operator: MJ

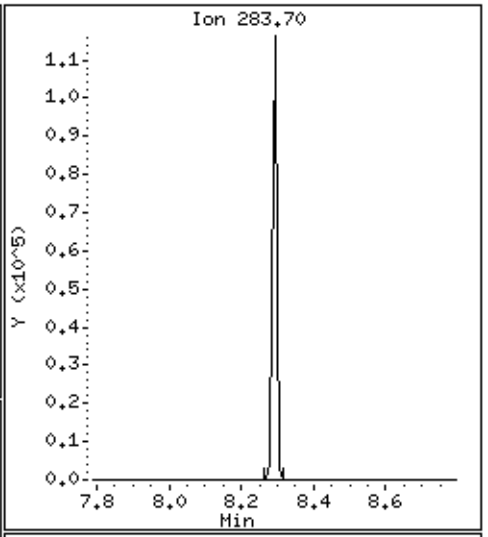
Column phase: HPMS-5

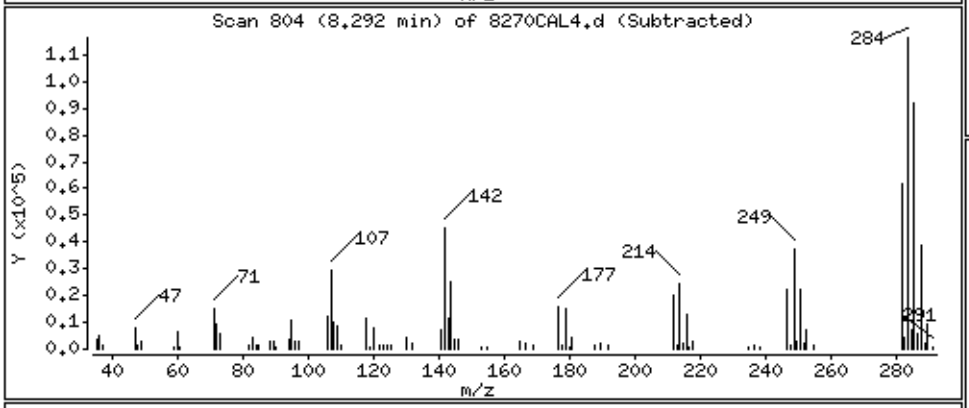
Column diameter: 0.25

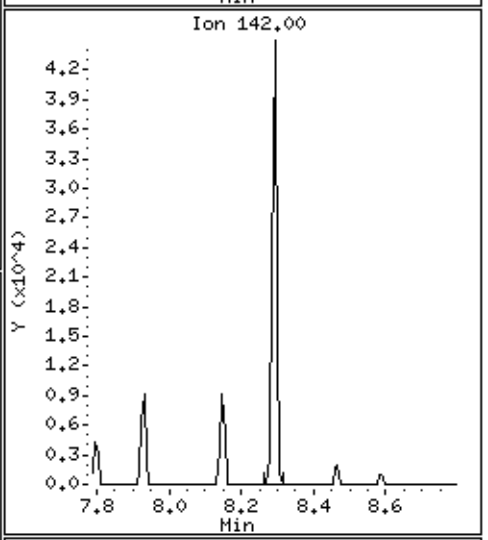
94 Hexachlorobenzene

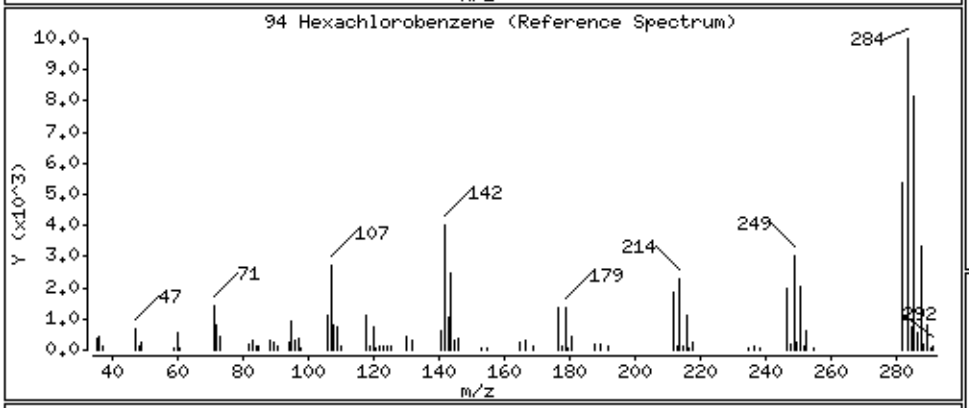
Concentration: 46.2 ug/l

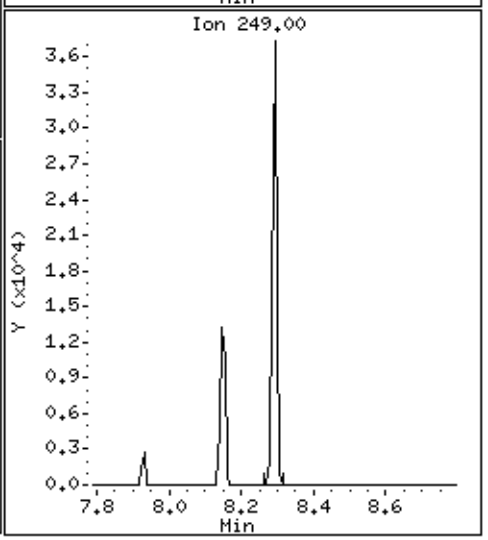


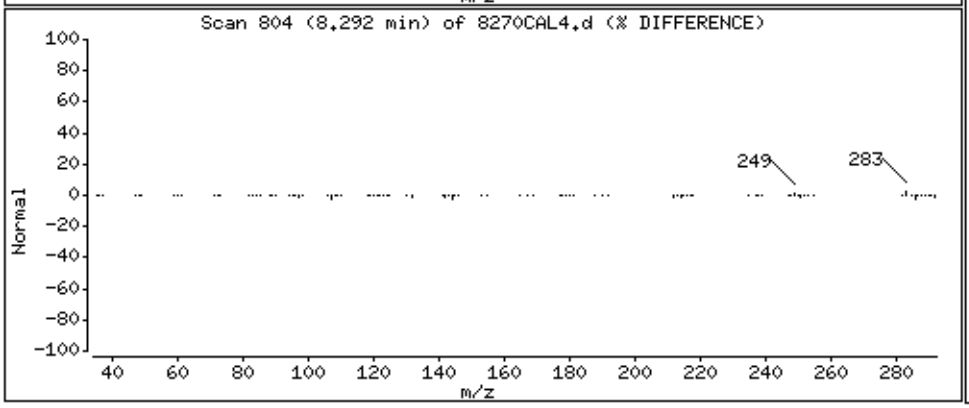












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

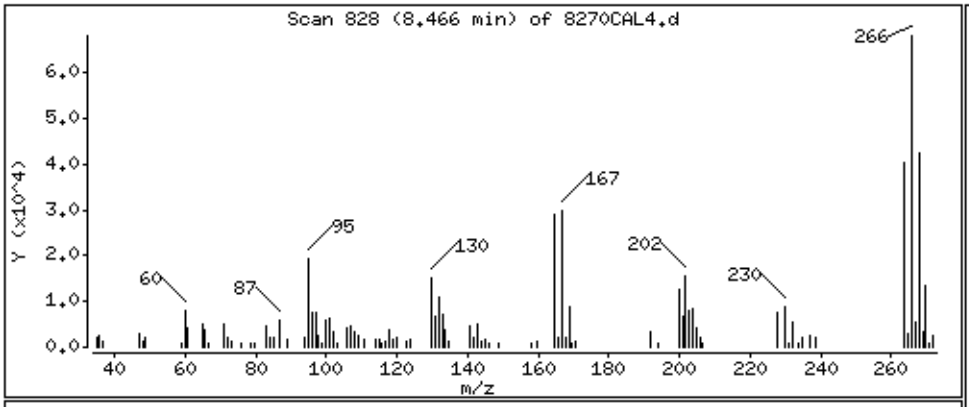
Client ID: 8270CAL4 Instrument: smsd04.i

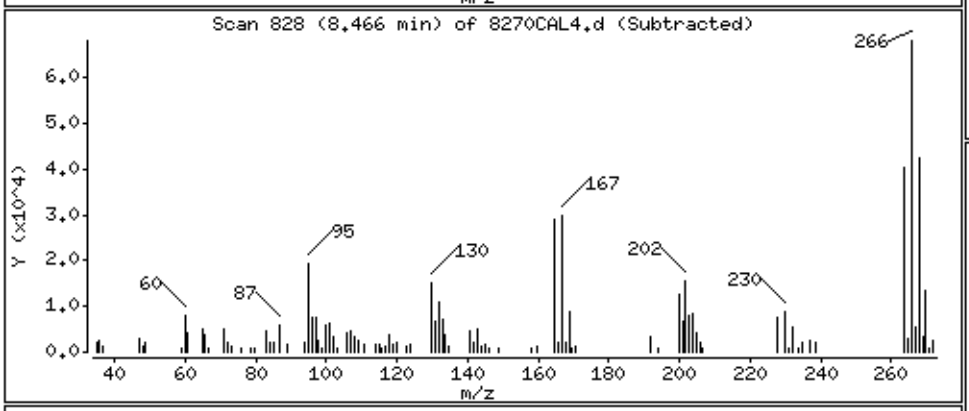
Sample Info: 47766

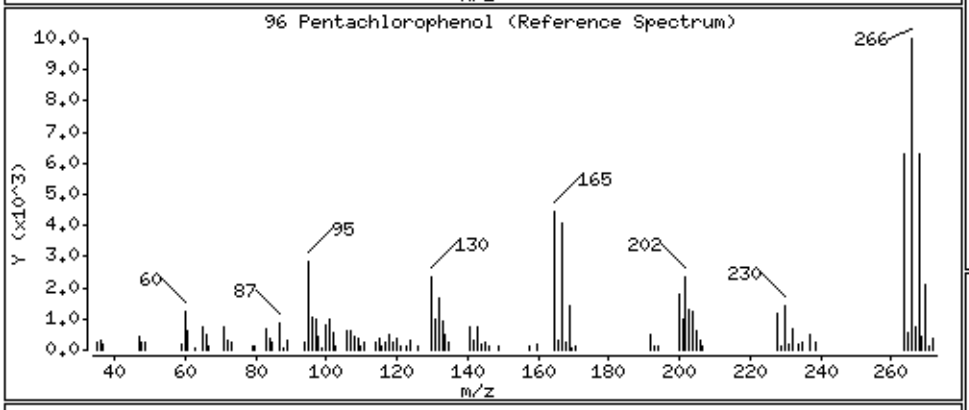
Purge Volume: 1000.0 Operator: MJ

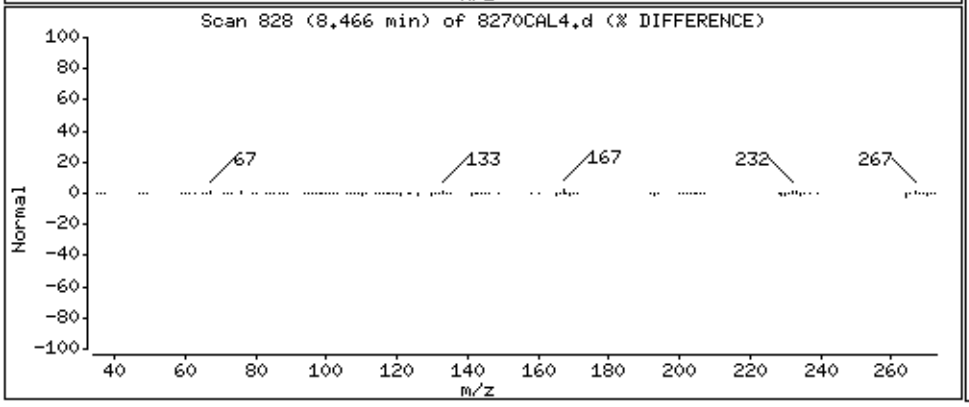
Column phase: HPMS-5 Column diameter: 0.25

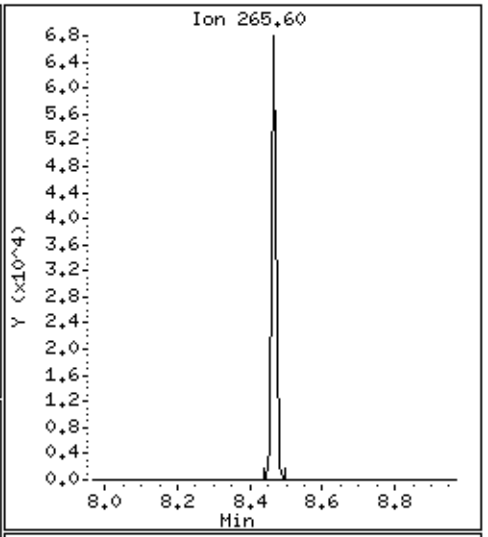
96 Pentachlorophenol Concentration: 44.2 ug/l

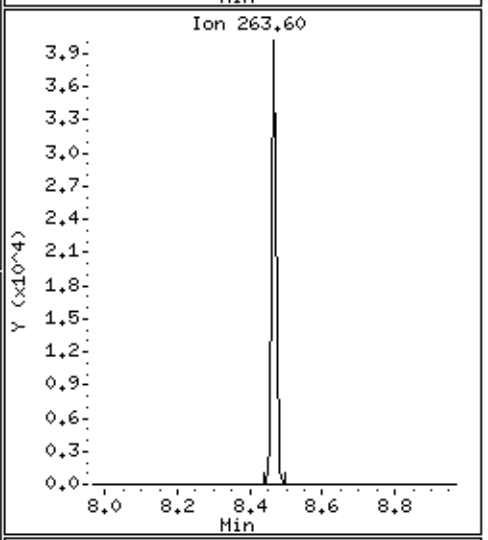


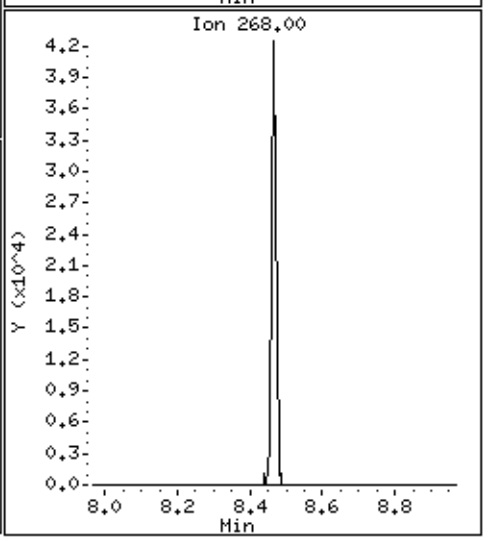












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

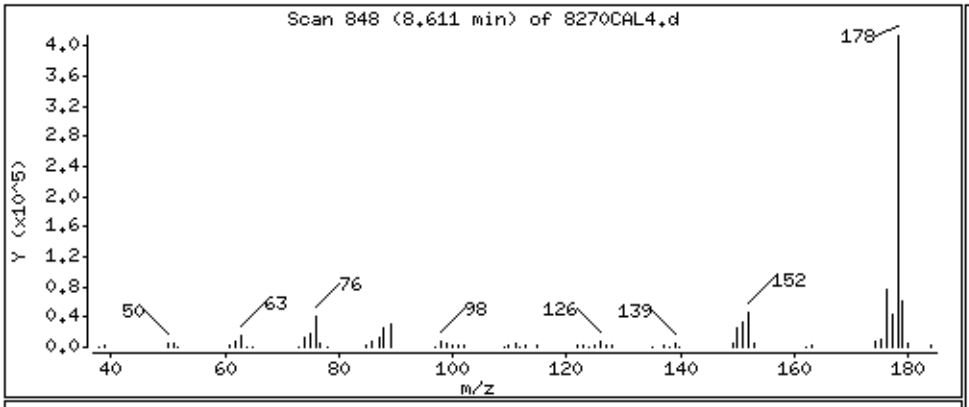
Client ID: 8270CAL4 Instrument: smsd04.i

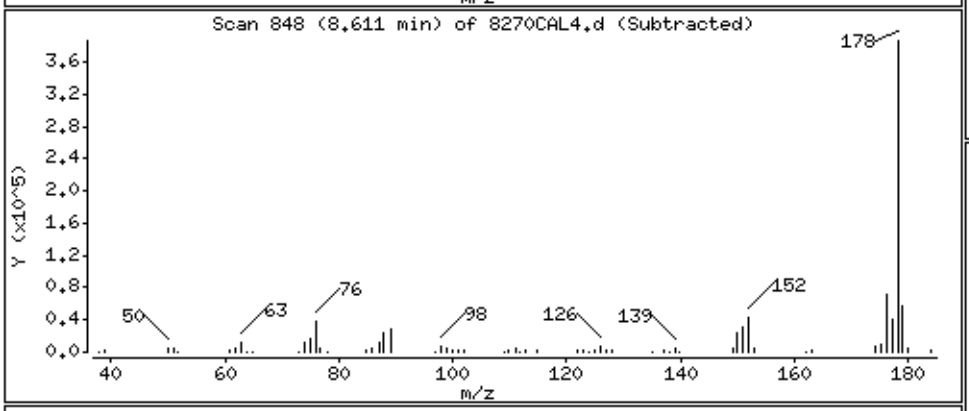
Sample Info: 47766

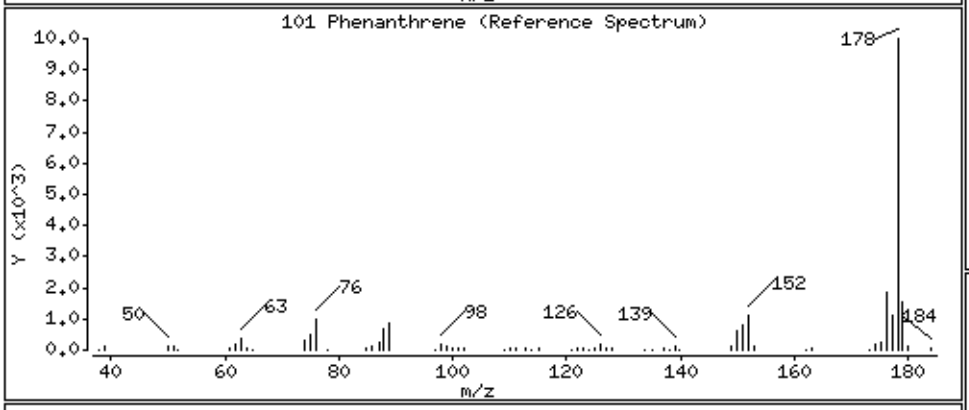
Purge Volume: 1000.0 Operator: MJ

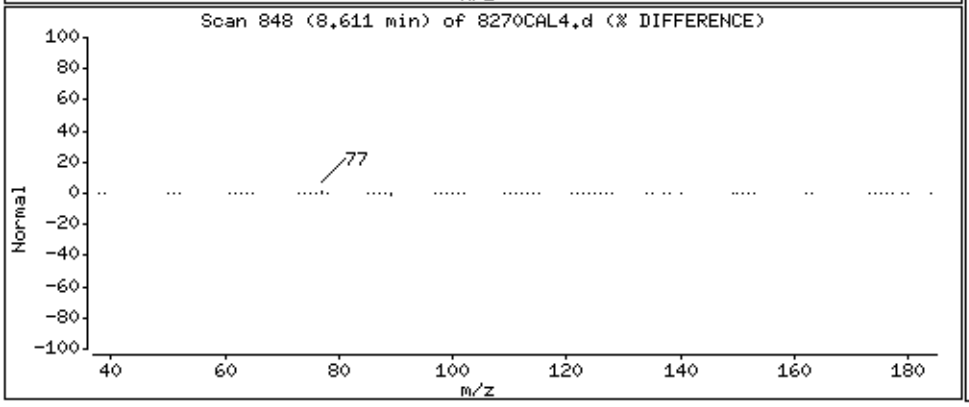
Column phase: HPMS-5 Column diameter: 0.25

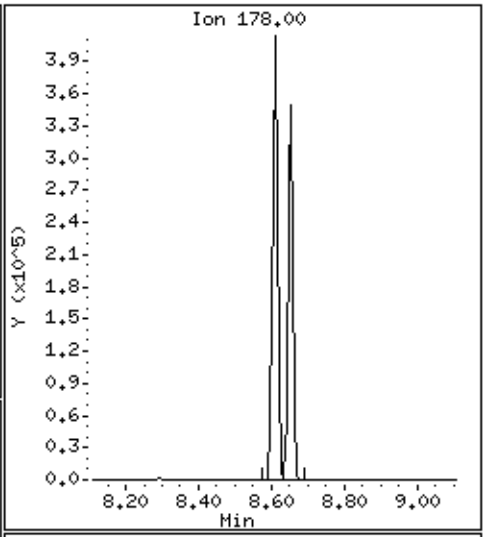
101 Phenanthrene Concentration: 44.8 ug/l

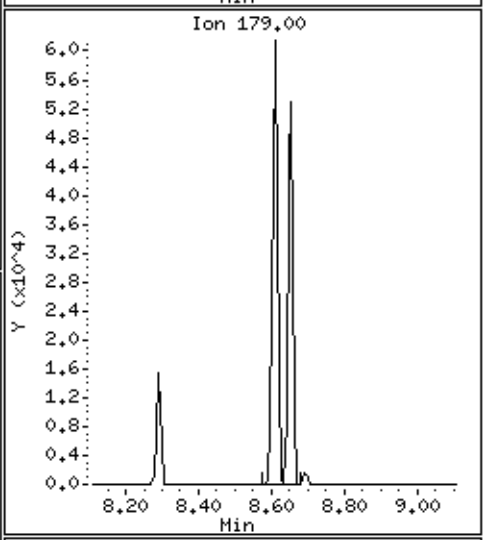


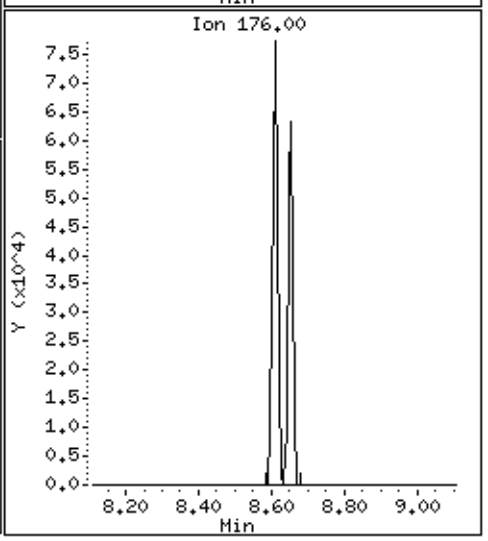












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Date : 26-NOV-2012 17:04

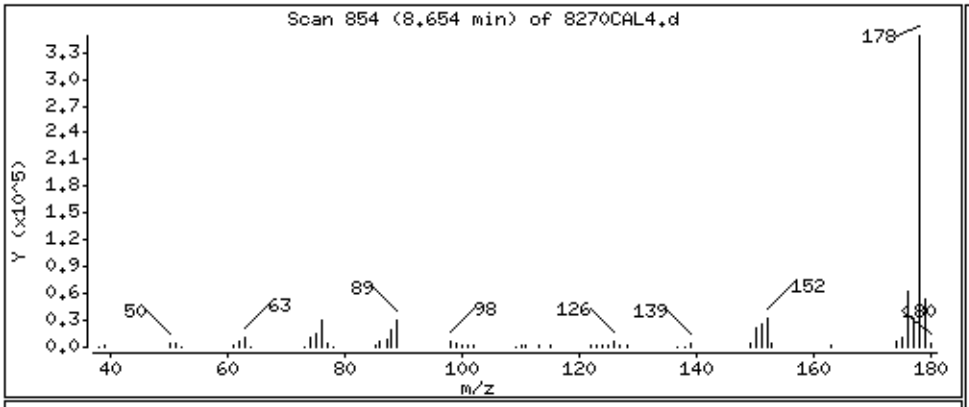
Client ID: 8270CAL4 Instrument: smsd04.i

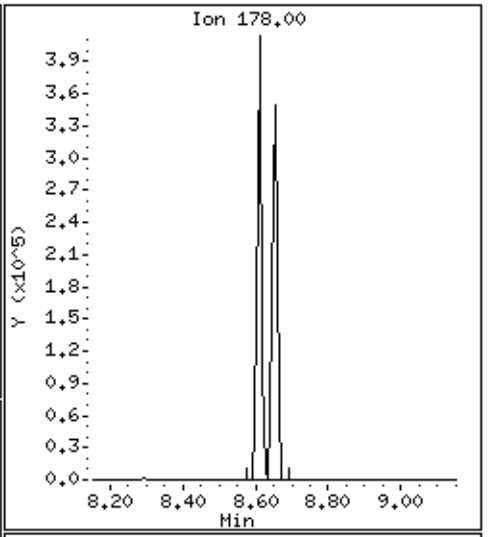
Sample Info: 47766

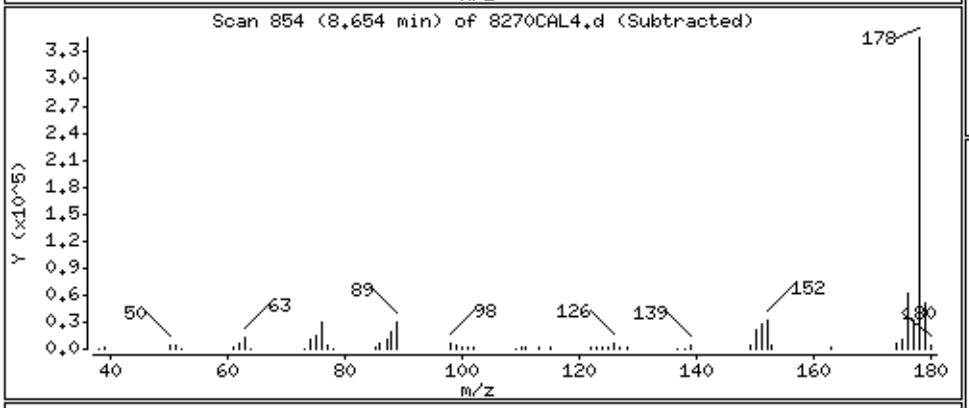
Purge Volume: 1000.0 Operator: MJ

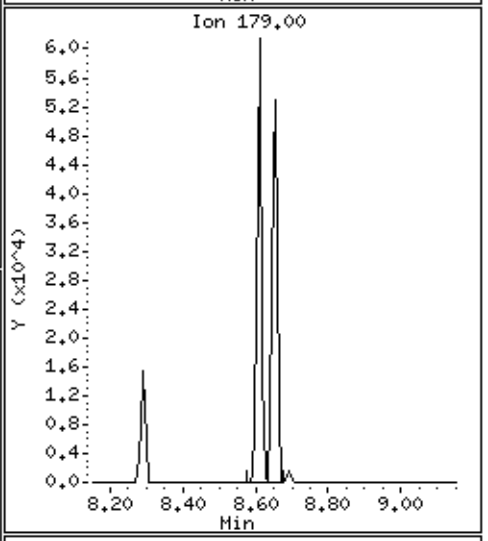
Column phase: HPMS-5 Column diameter: 0.25

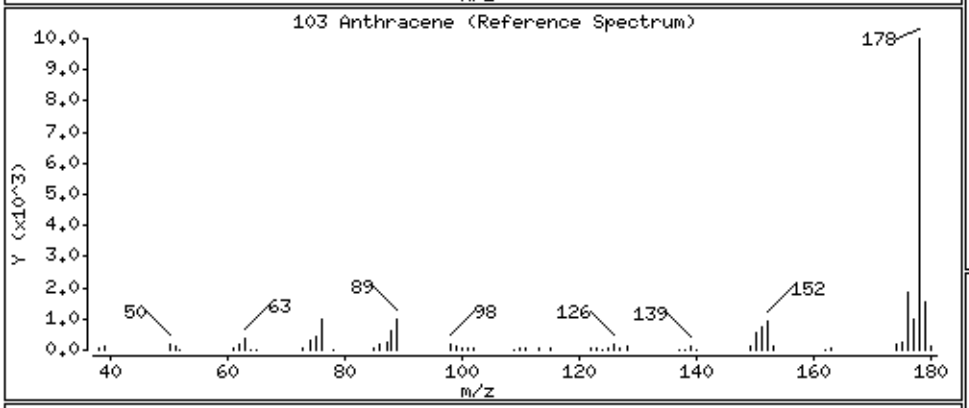
103 Anthracene Concentration: 44.9 ug/l

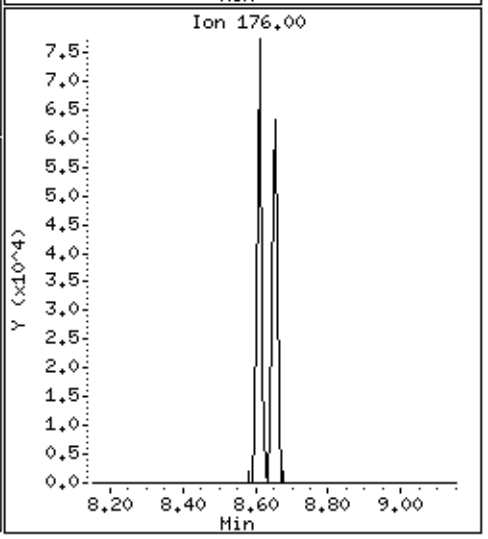


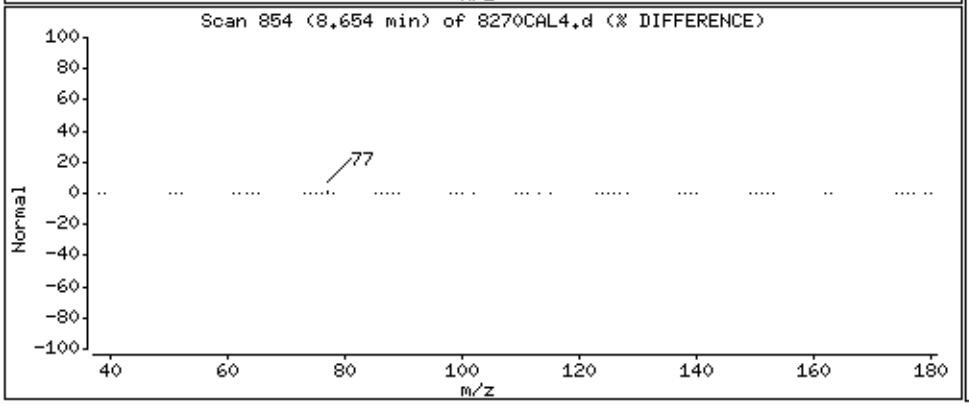












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Date : 26-NOV-2012 17:04

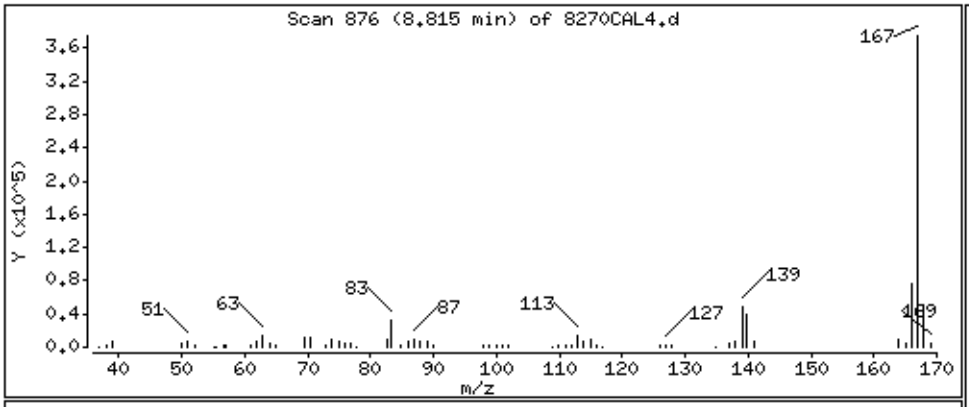
Client ID: 8270CAL4 Instrument: smsd04.i

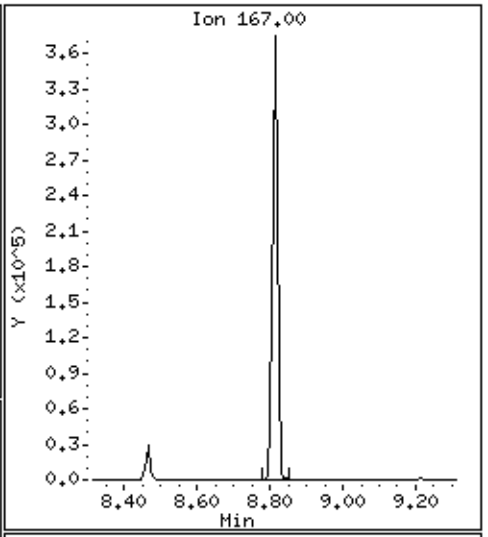
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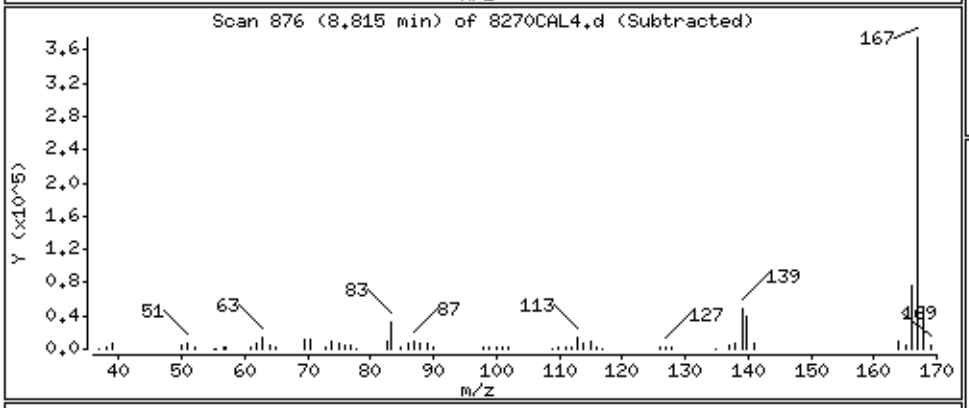
Purge Volume: 1000.0 Operator: MJ

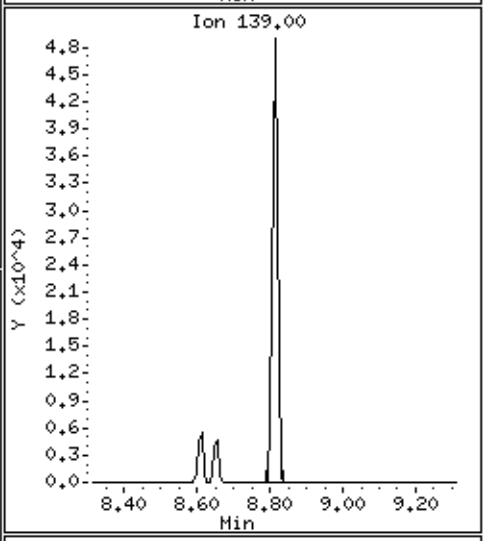
Column phase: HPMS-5 Column diameter: 0.25

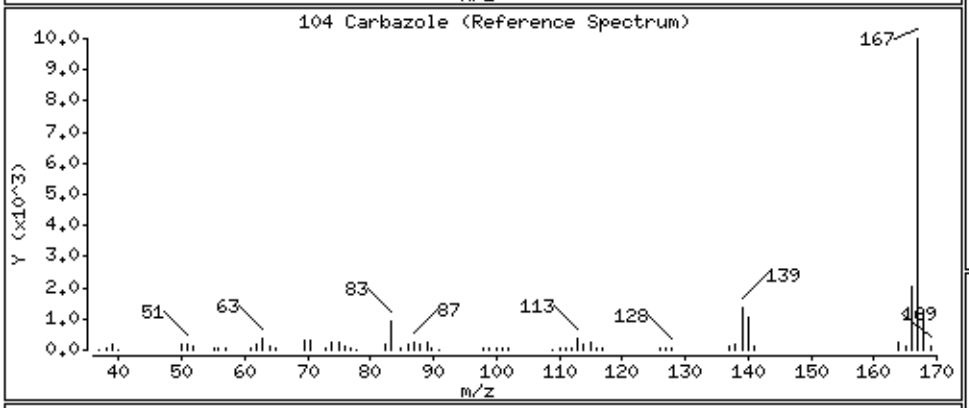
104 Carbazole Concentration: 46.6 ug/l

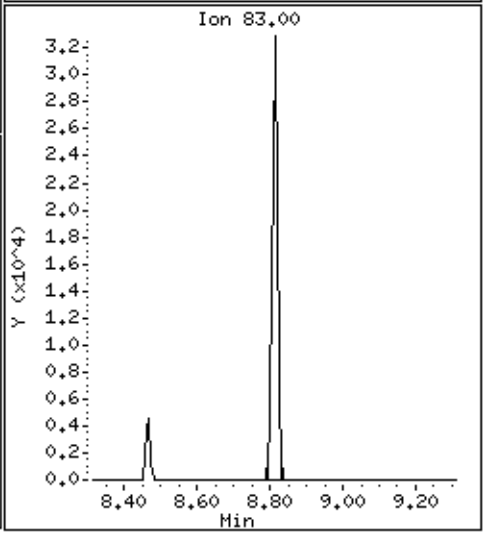


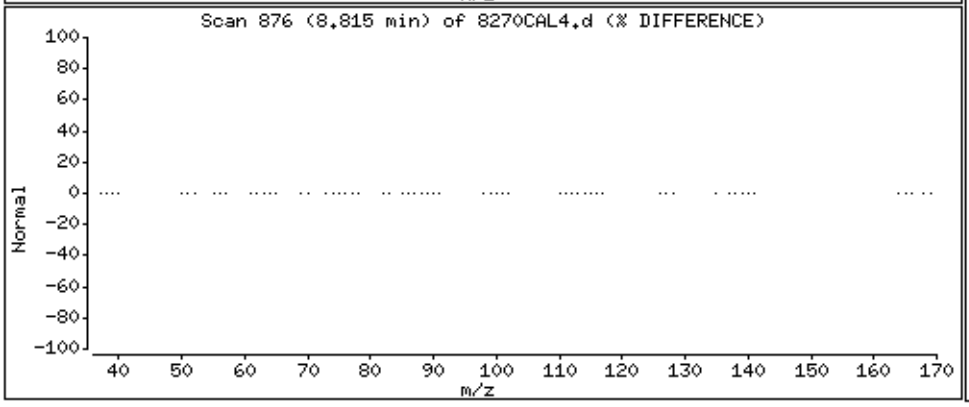












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Date : 26-NOV-2012 17:04

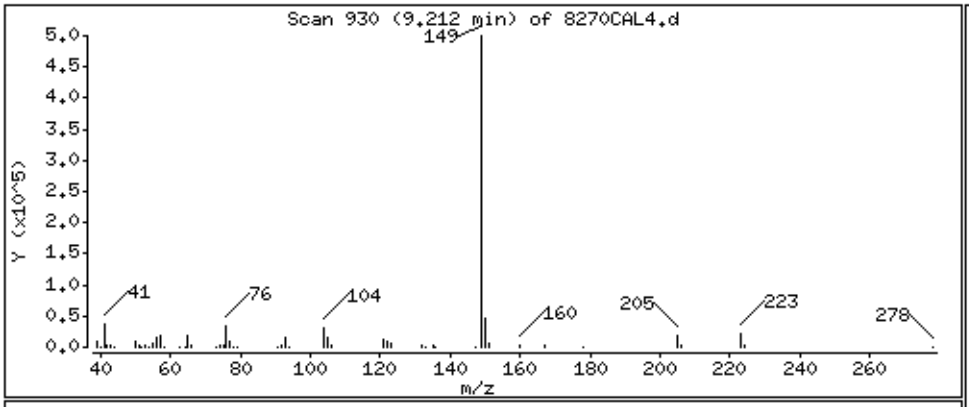
Client ID: 8270CAL4 Instrument: smsd04.i

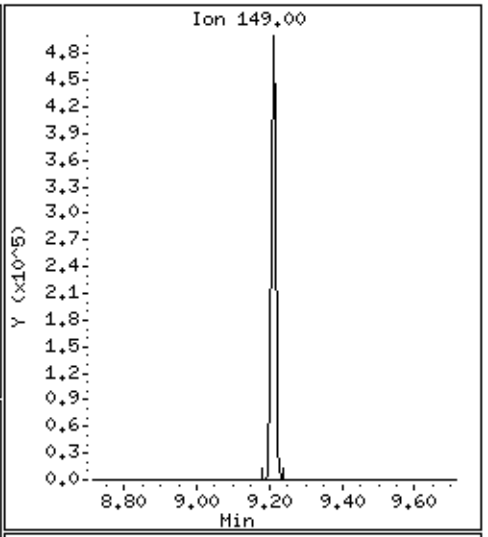
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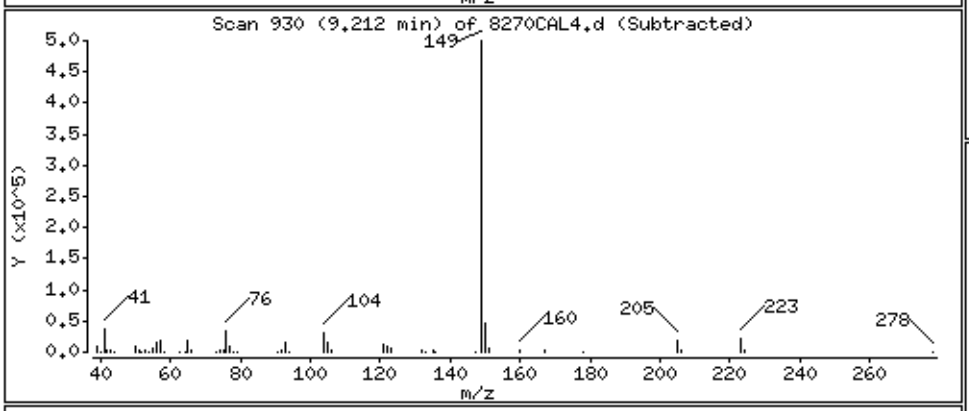
Purge Volume: 1000.0 Operator: MJ

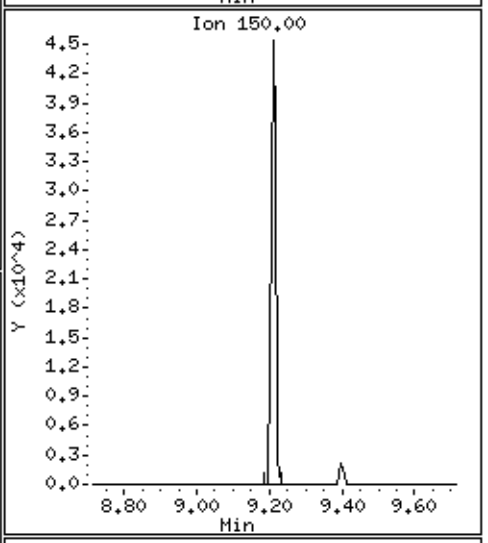
Column phase: HPMS-5 Column diameter: 0.25

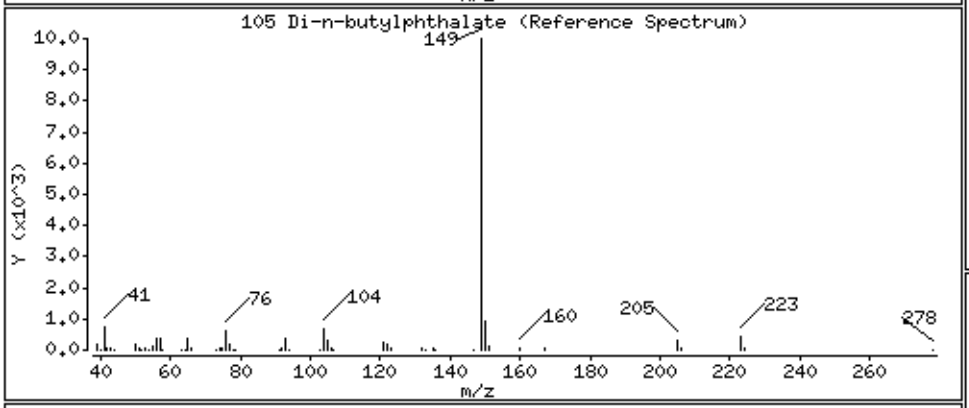
105 Di-n-butylphthalate Concentration: 47.0 ug/l

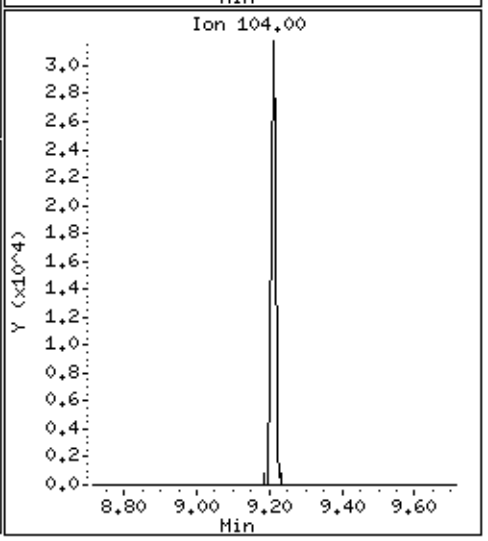


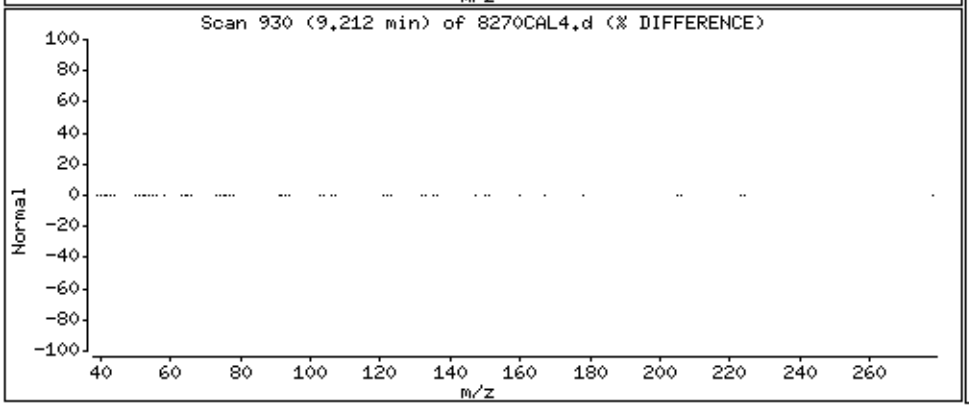












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

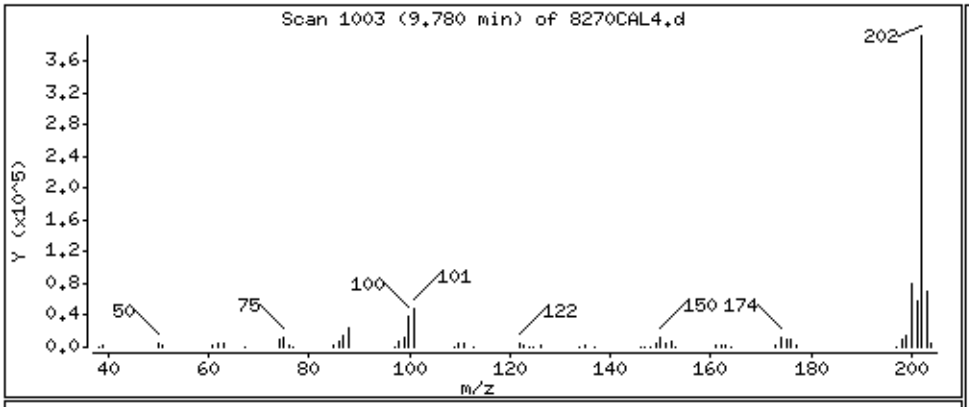
Operator: MJ

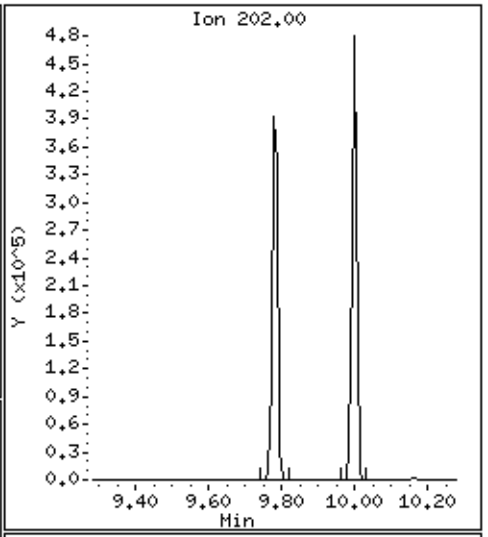
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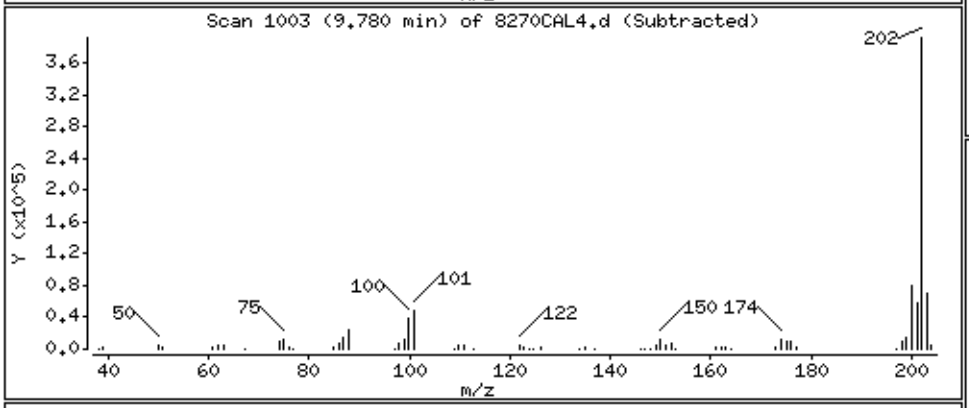
Column diameter: 0.25

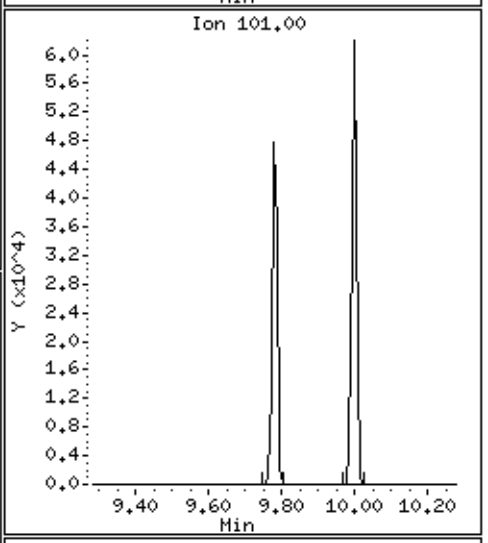
109 Fluoranthene

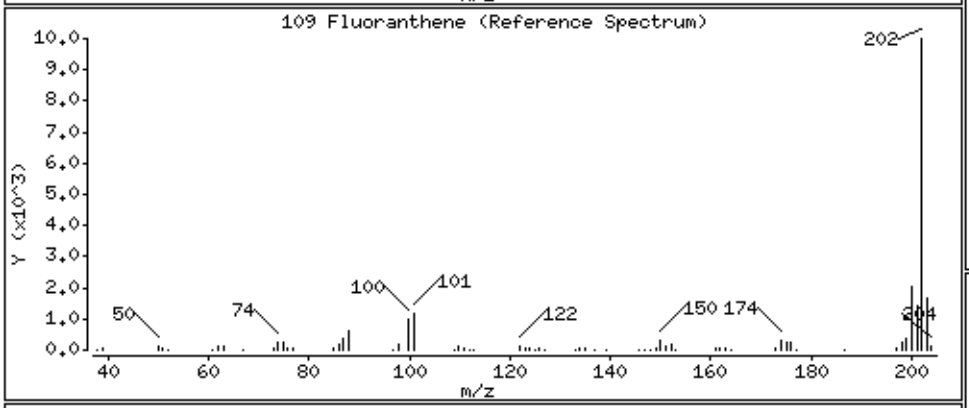
Concentration: 46.3 ug/l

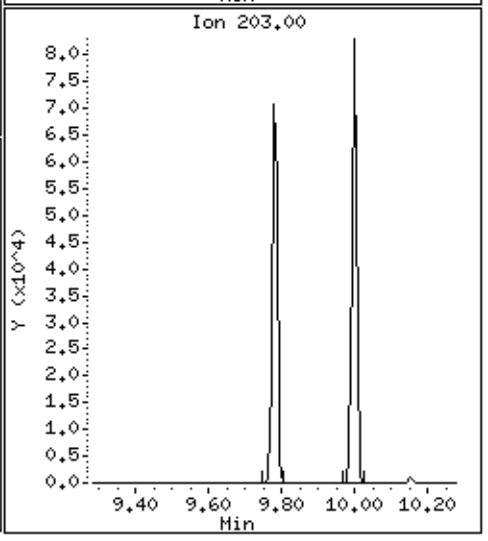


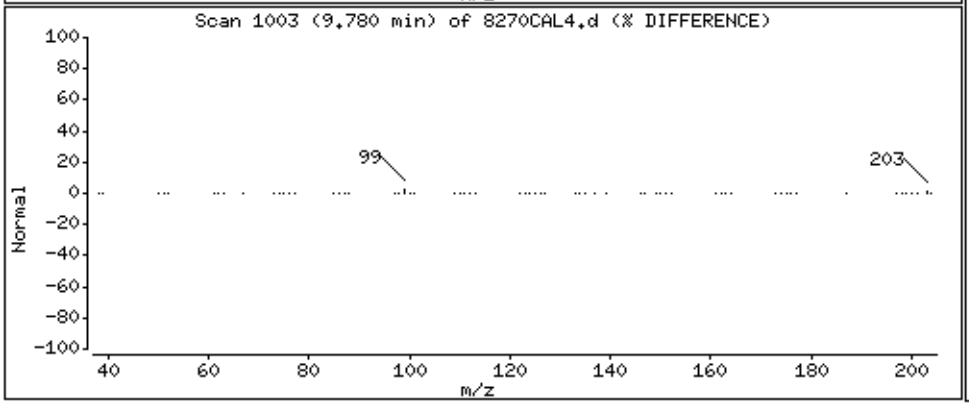












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

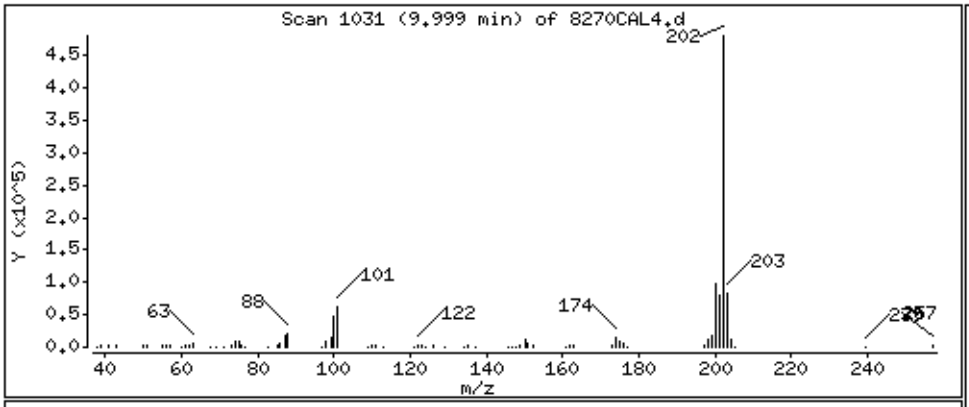
Operator: MJ

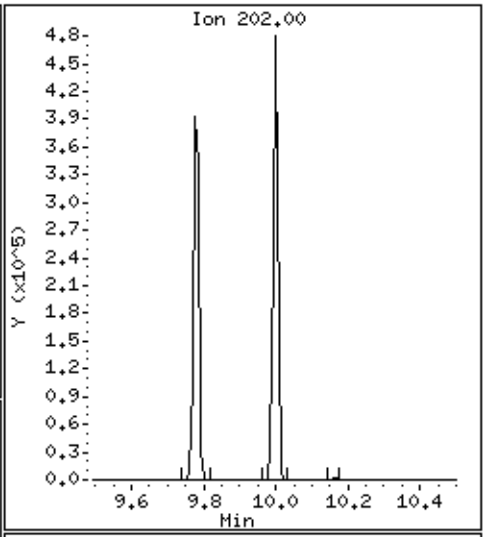
Column phase: HPMS-5

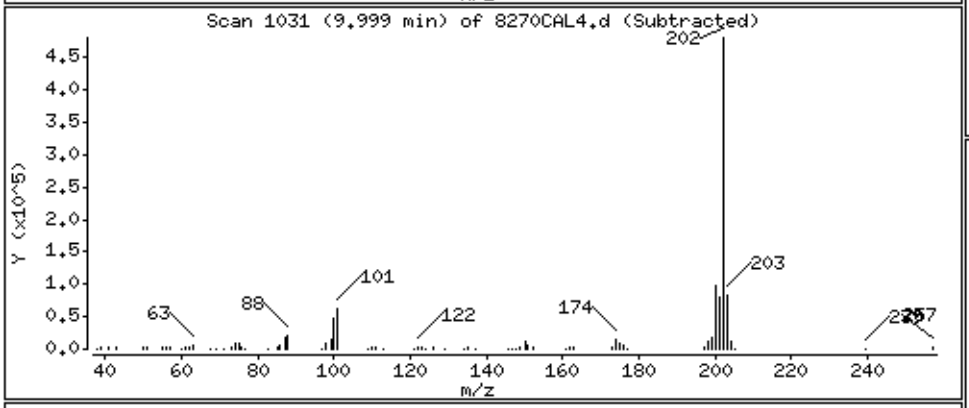
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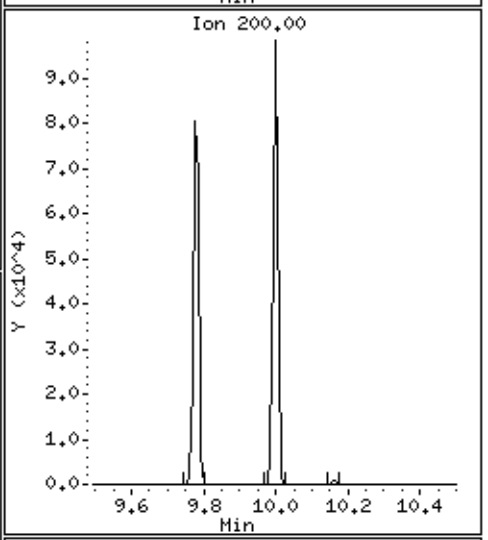
111 Pyrene

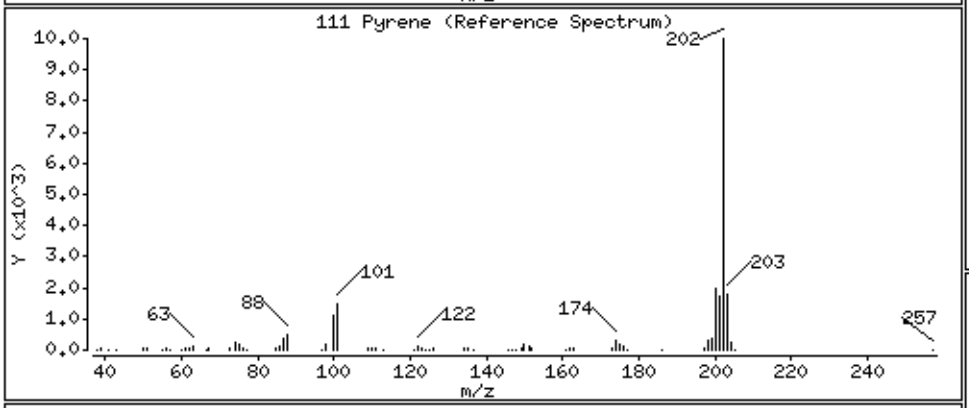
Concentration: 45.6 ug/l

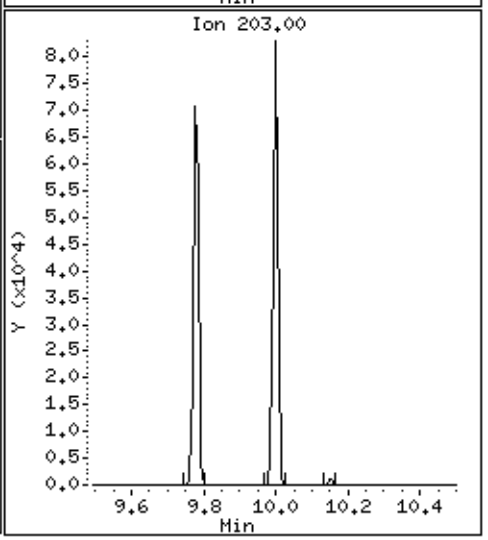


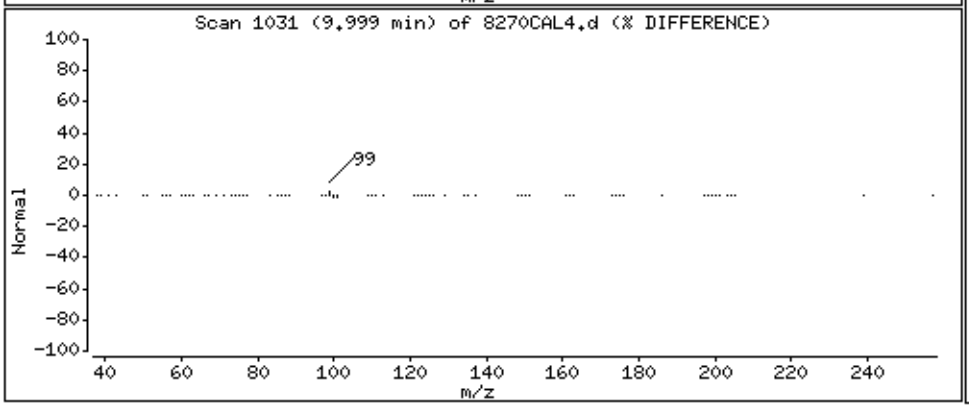












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

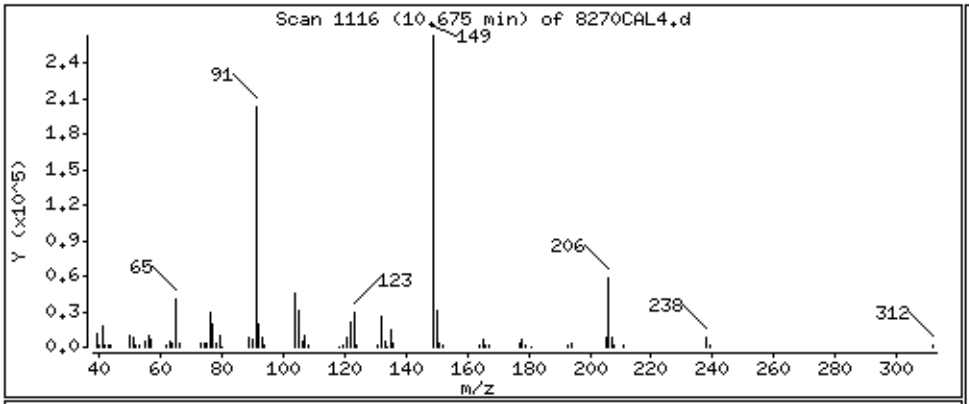
Operator: MJ

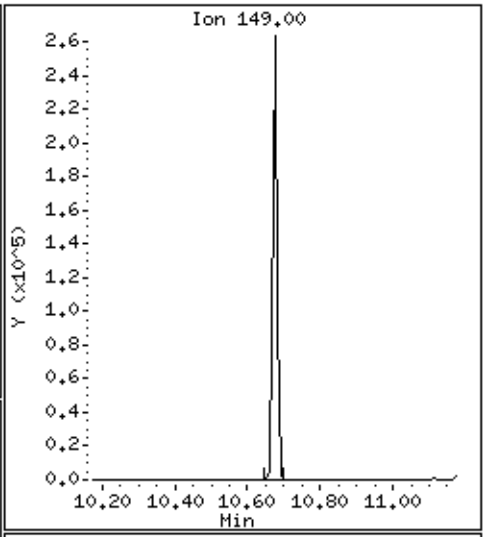
Column phase: HPMS-5

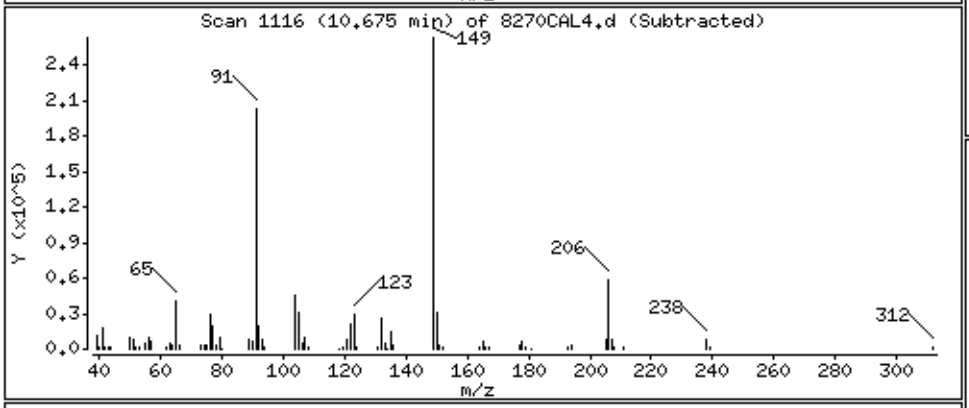
Column diameter: 0.25

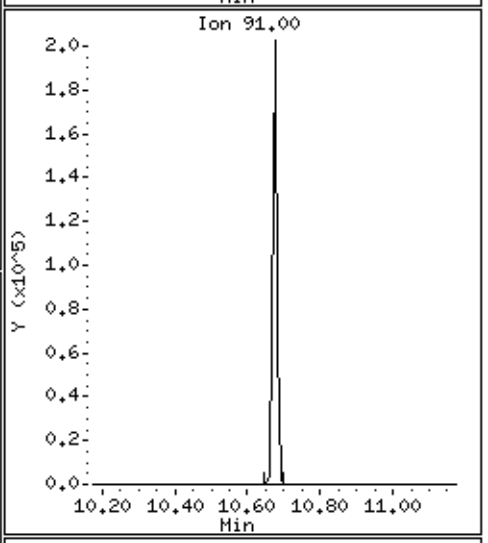
118 Butylbenzylphthalate

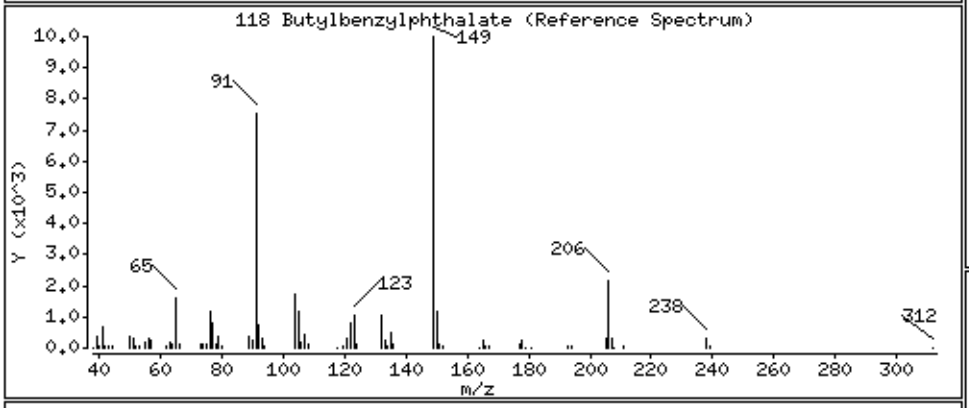
Concentration: 47.3 ug/l

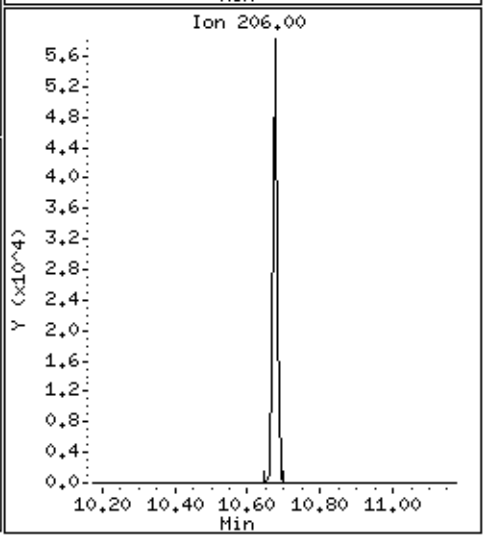


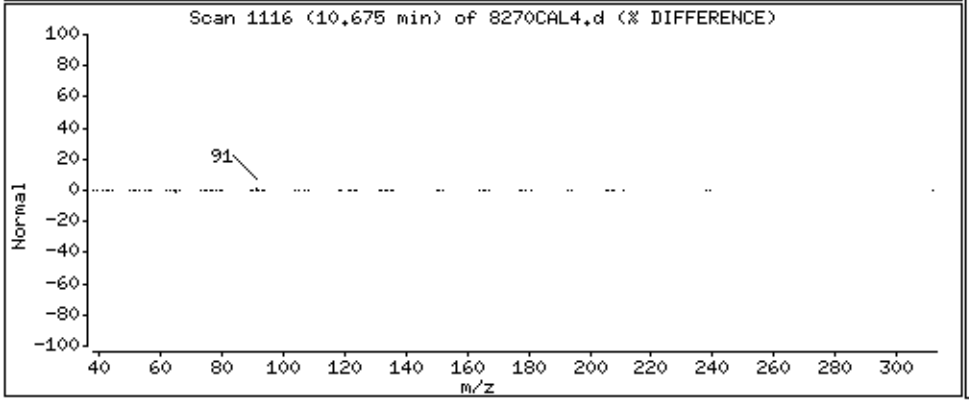












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

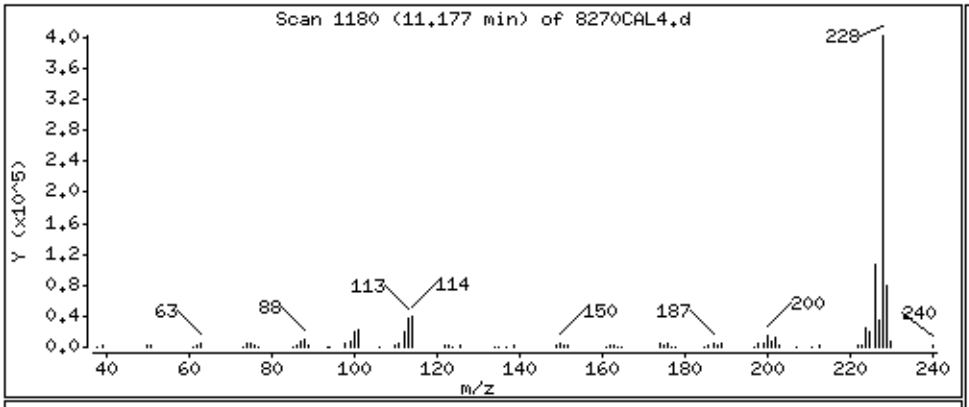
Client ID: 8270CAL4 Instrument: smsd04.i

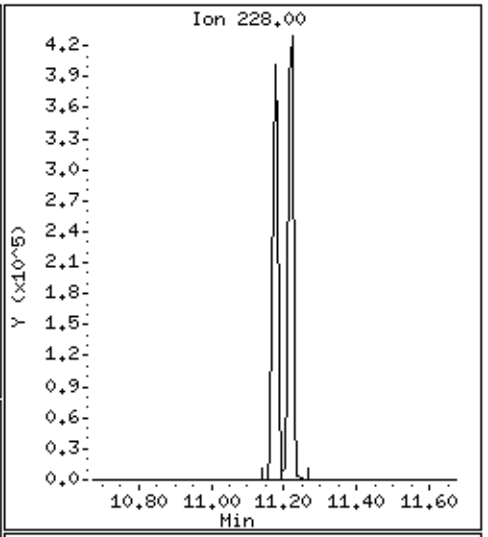
Sample Info: 47766

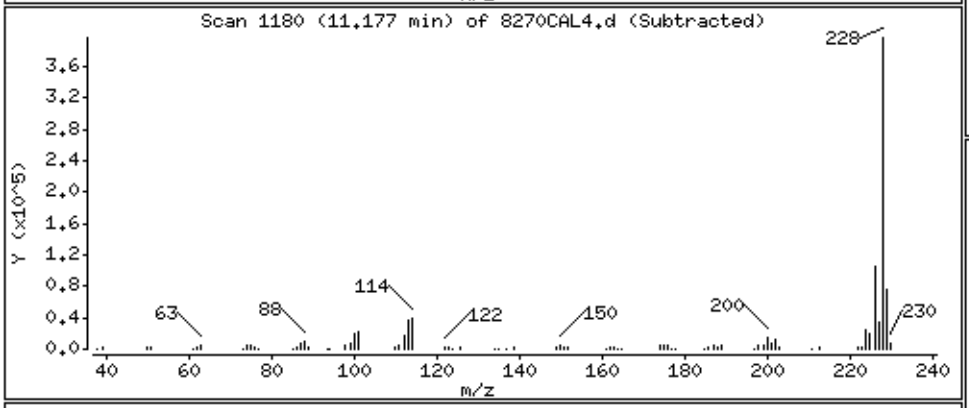
Purge Volume: 1000.0 Operator: MJ

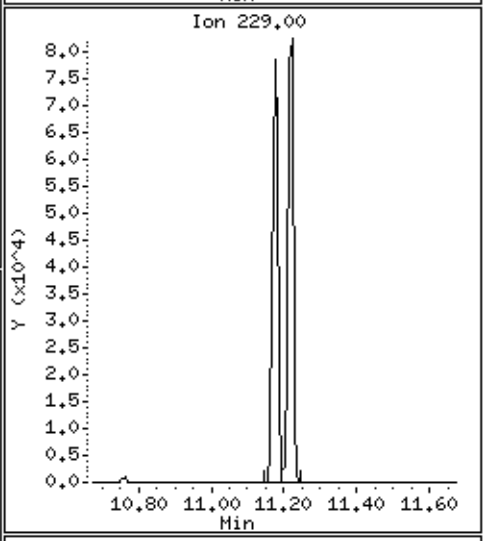
Column phase: HPMS-5 Column diameter: 0.25

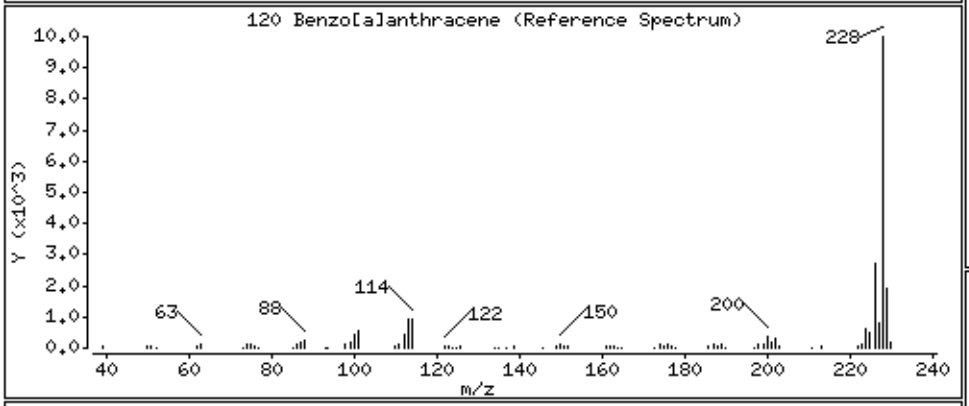
120 Benzo[a]anthracene Concentration: 45.8 ug/l

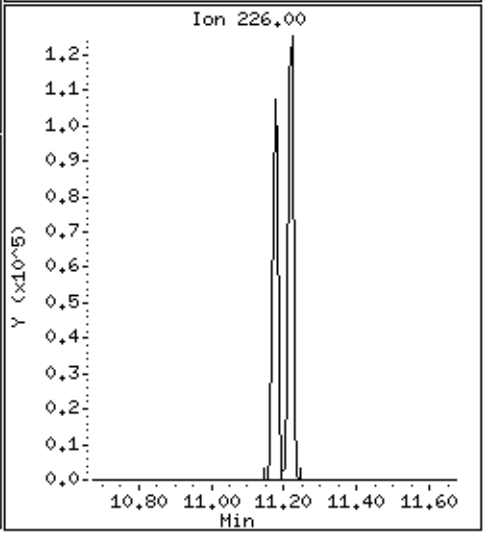


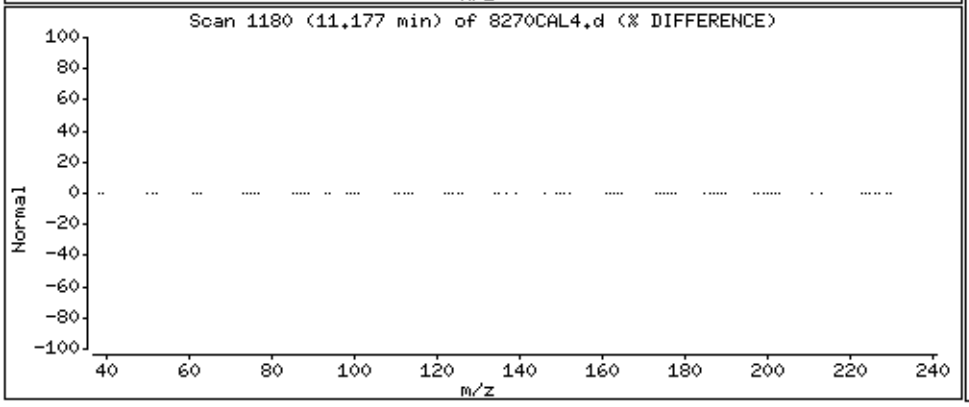












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

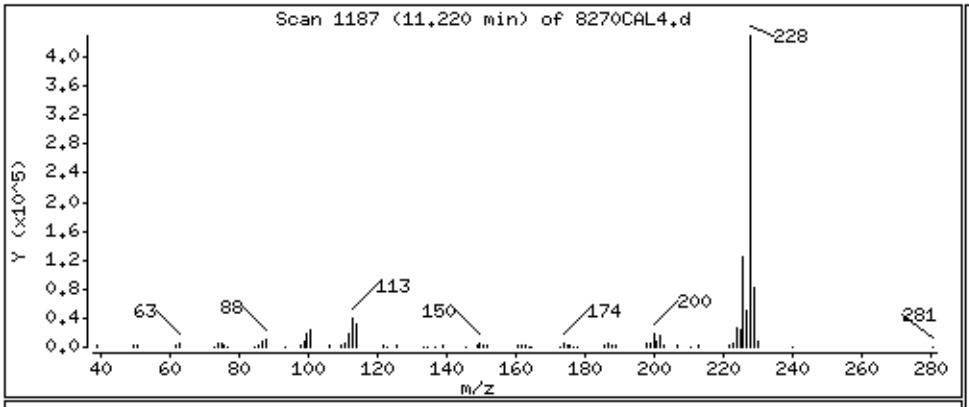
Operator: MJ

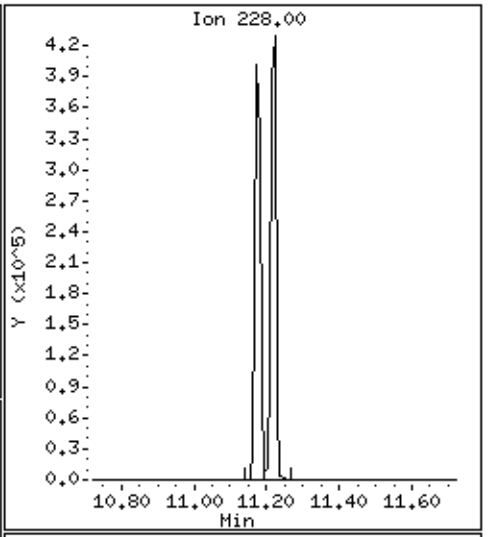
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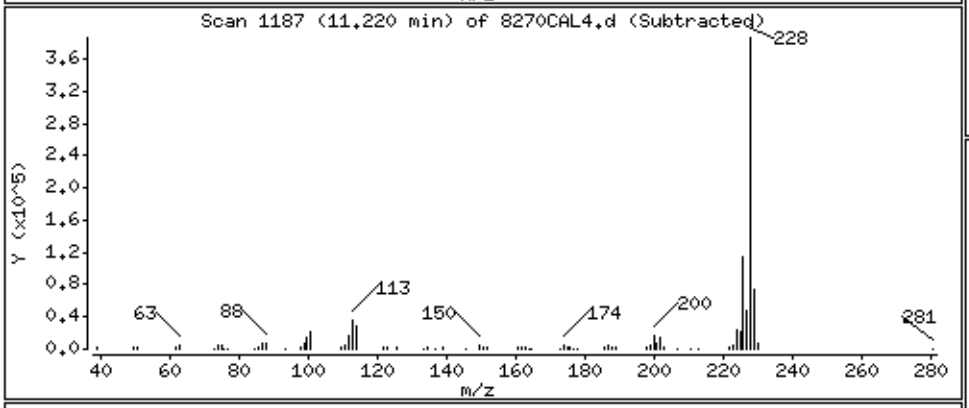
Column diameter: 0.25

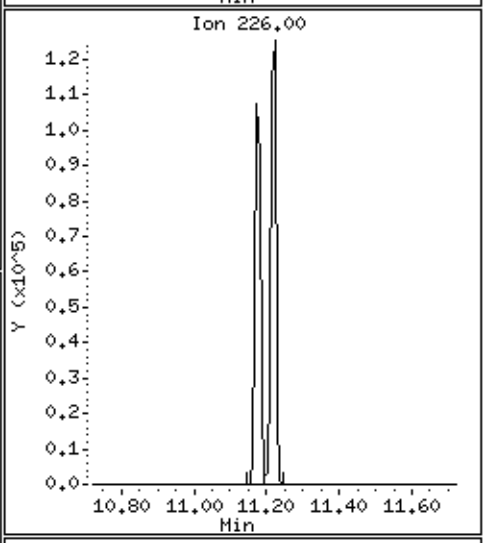
123 Chrysene

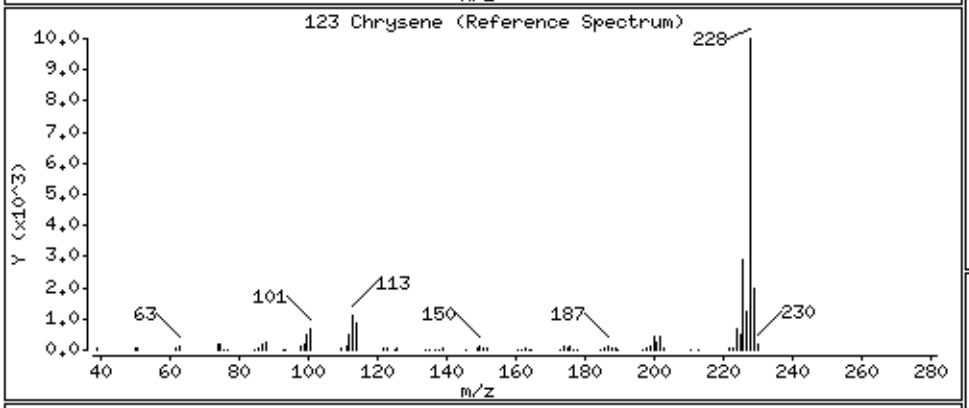
Concentration: 45.9 ug/l

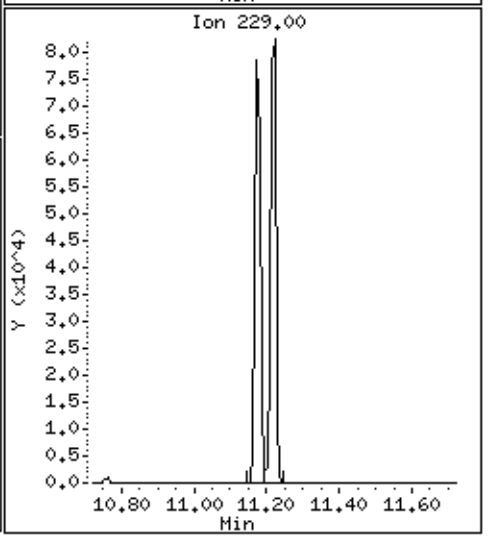


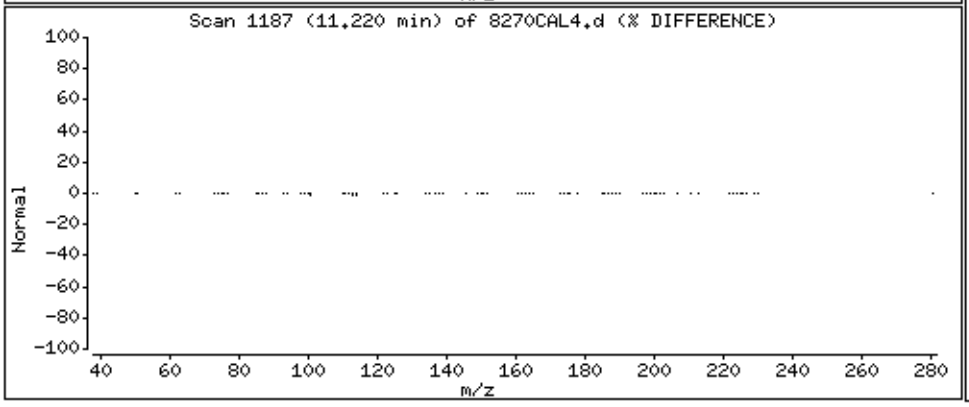












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

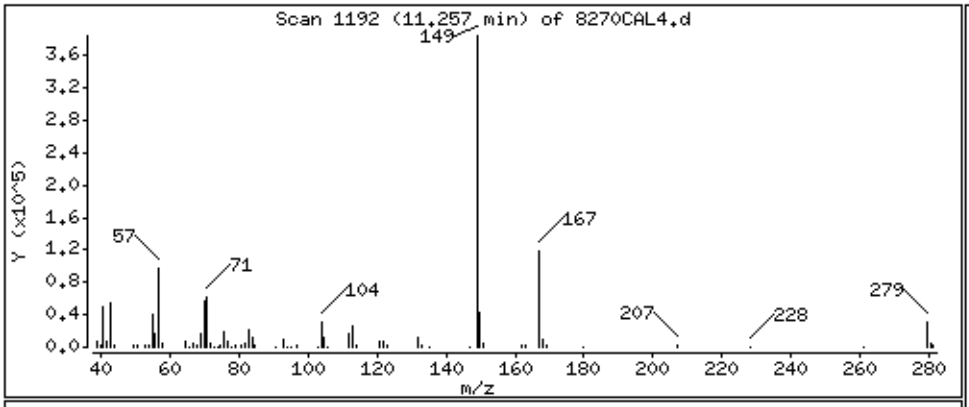
Client ID: 8270CAL4 Instrument: smsd04.i

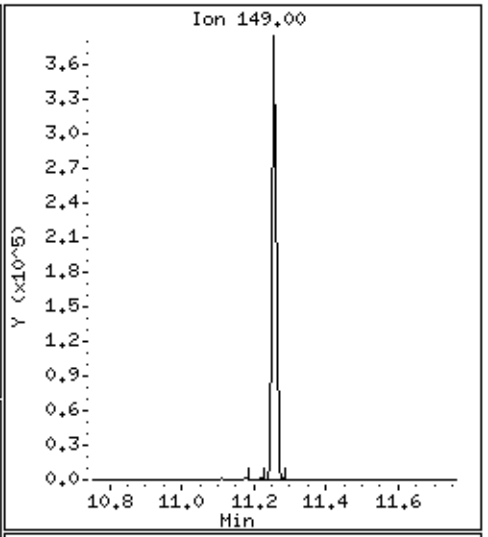
Sample Info: 47766

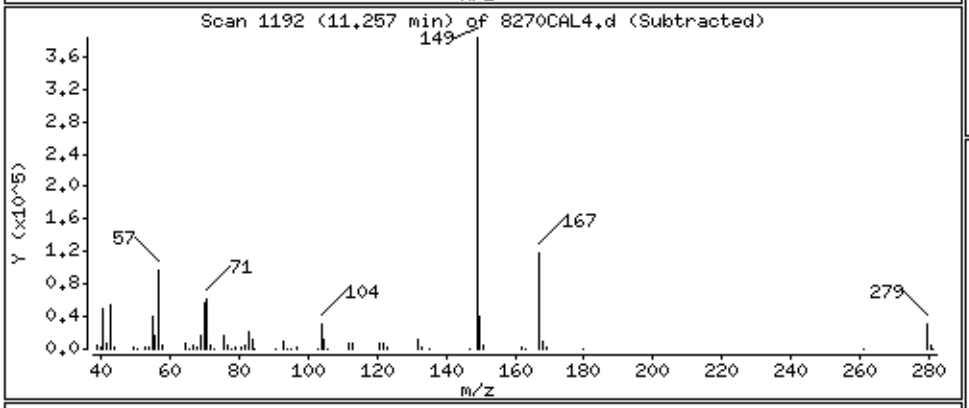
Purge Volume: 1000.0 Operator: MJ

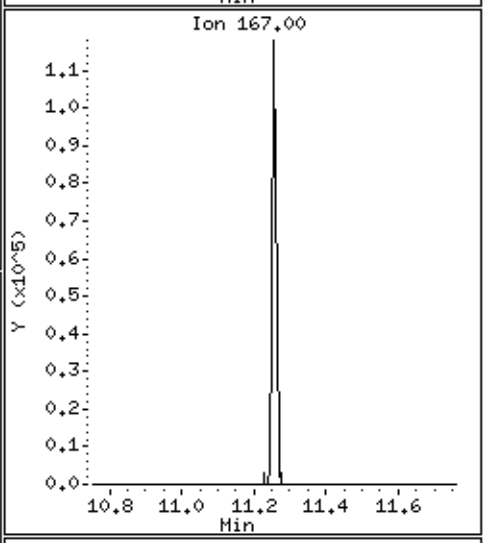
Column phase: HPMS-5 Column diameter: 0.25

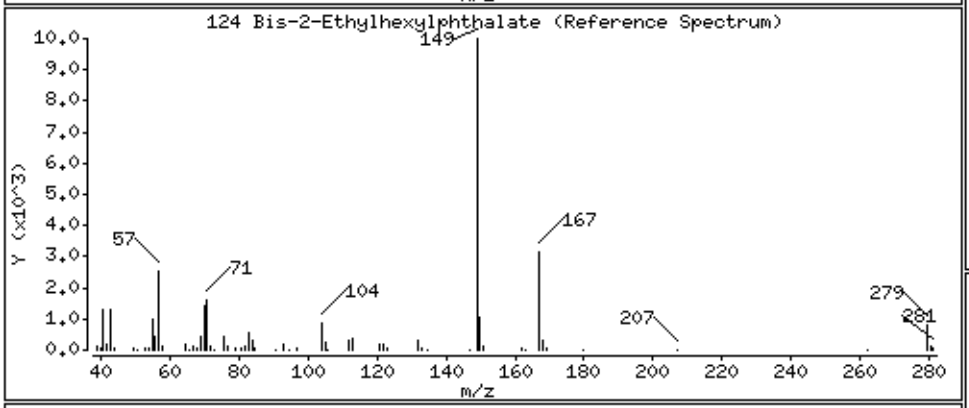
124 Bis-2-Ethylhexylphthalate Concentration: 47.1 ug/l

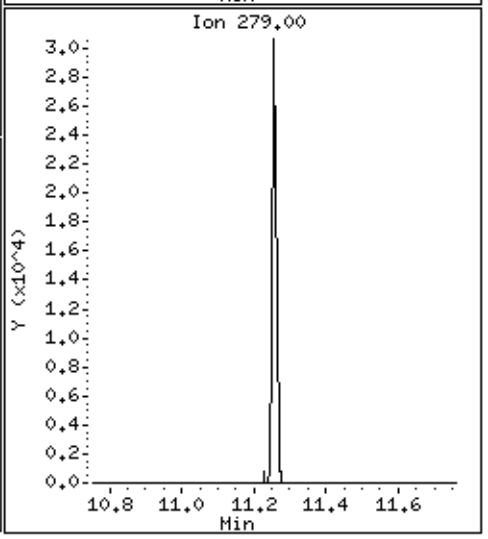


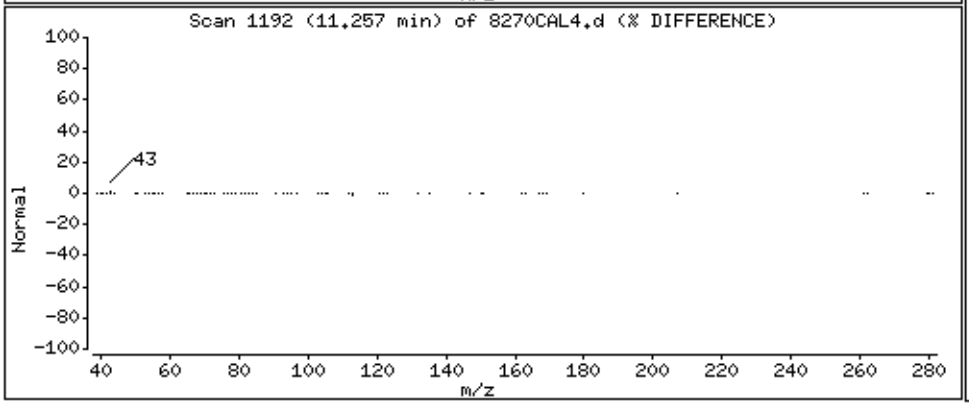












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

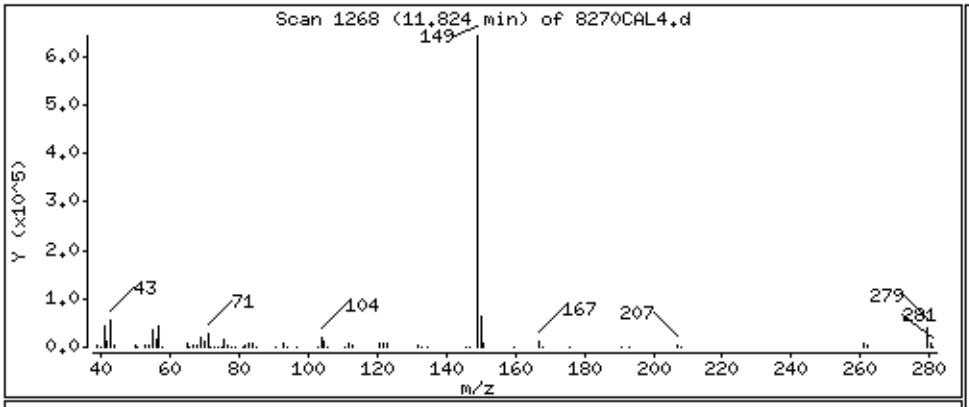
Client ID: 8270CAL4 Instrument: smsd04.i

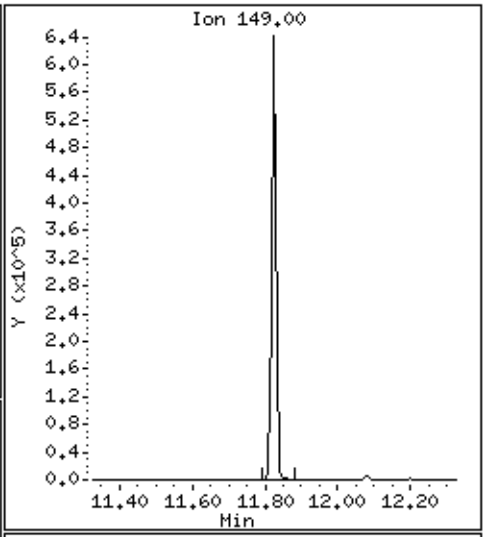
Sample Info: 47766

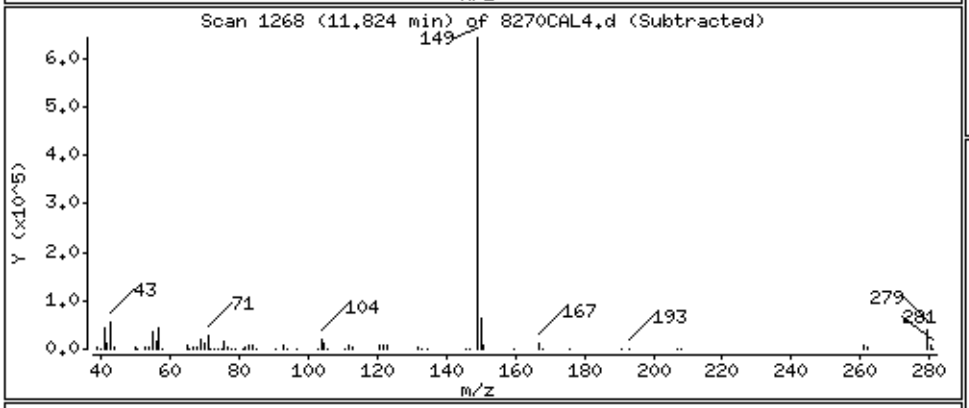
Purge Volume: 1000.0 Operator: MJ

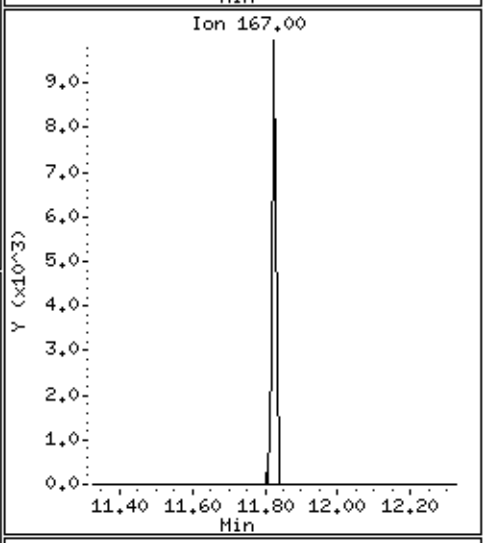
Column phase: HPMS-5 Column diameter: 0.25

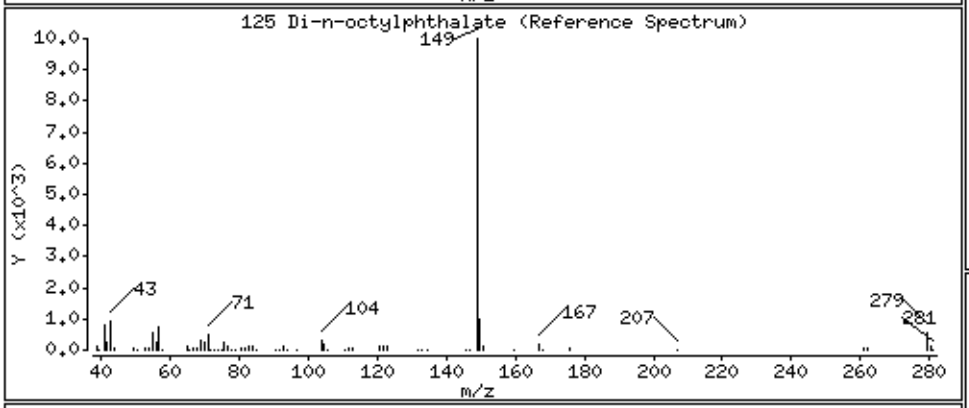
125 Di-n-octylphthalate Concentration: 42.3 ug/l

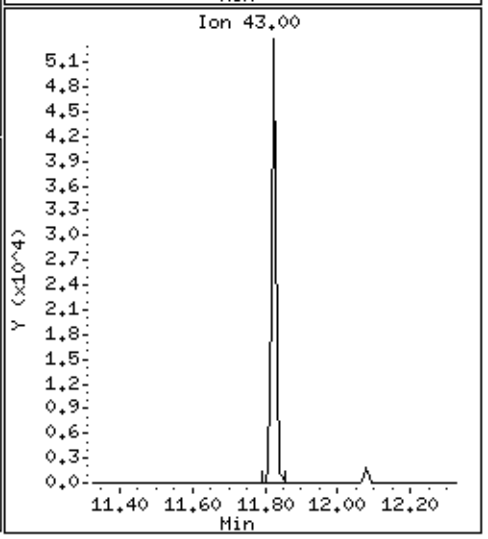


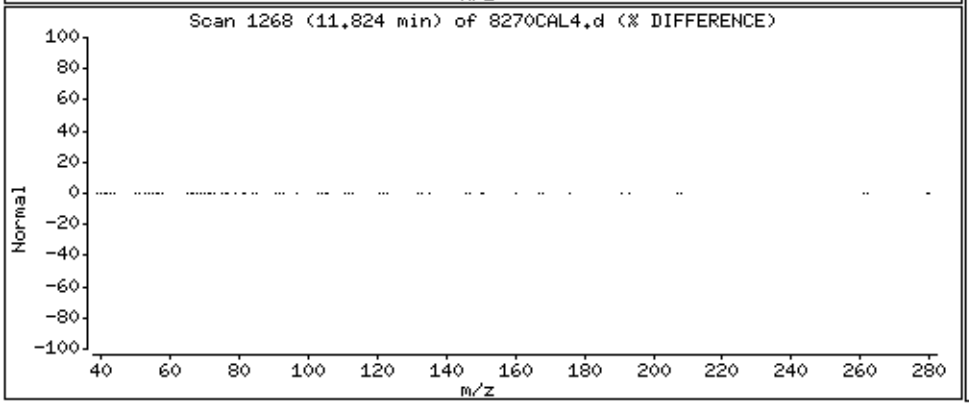












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

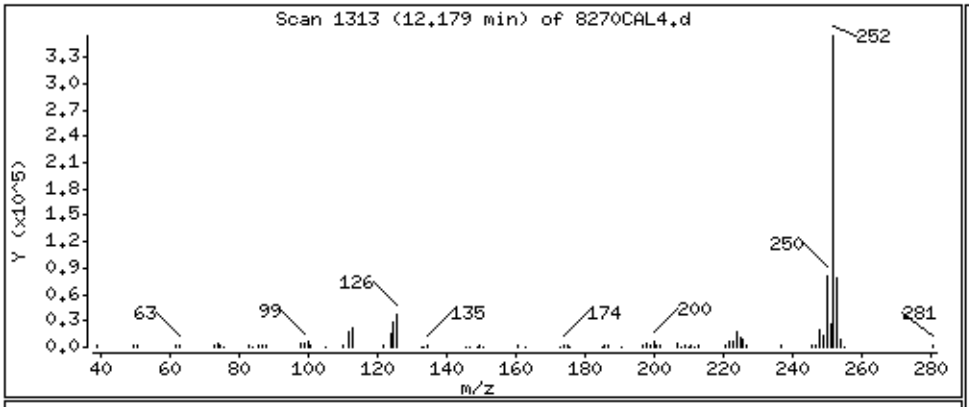
Operator: MJ

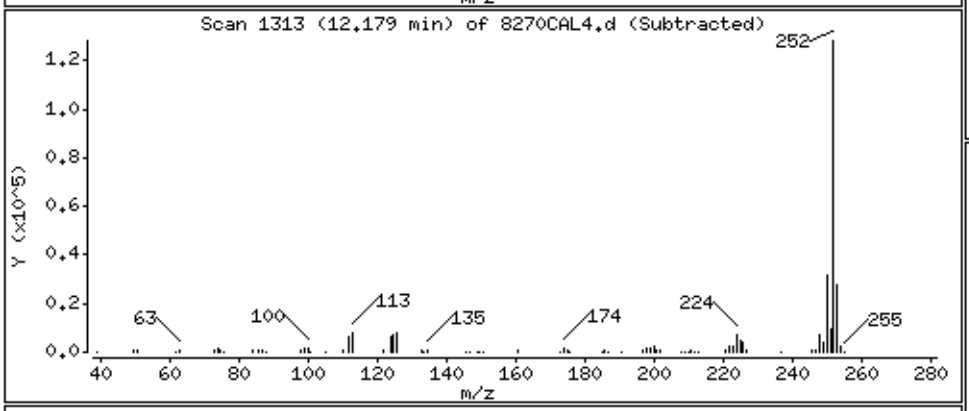
Column phase: HPMS-5

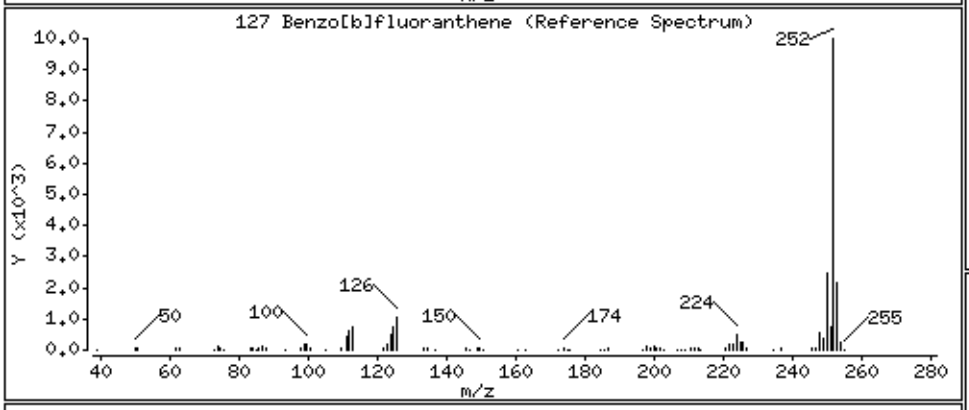
Column diameter: 0.25

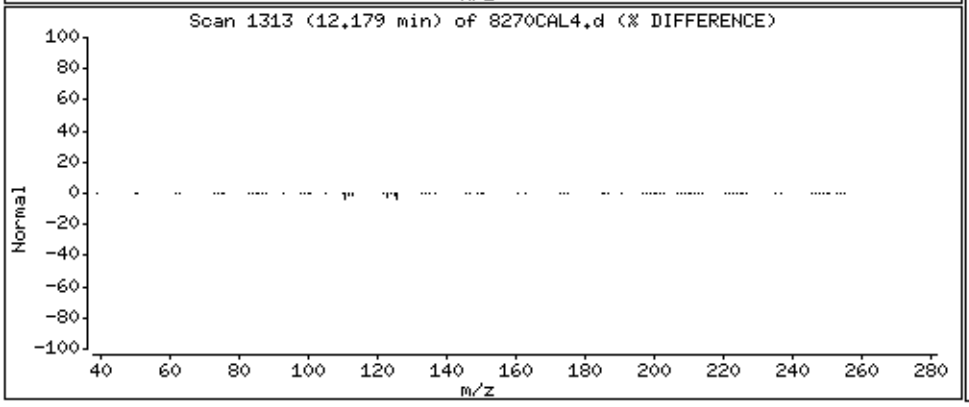
127 Benzo[b]fluoranthene

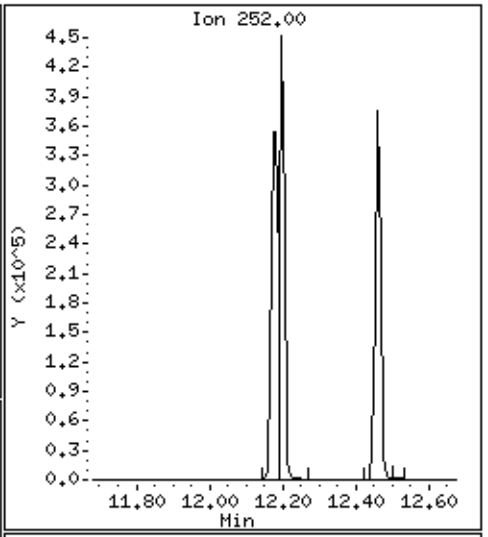
Concentration: 46.0 ug/l

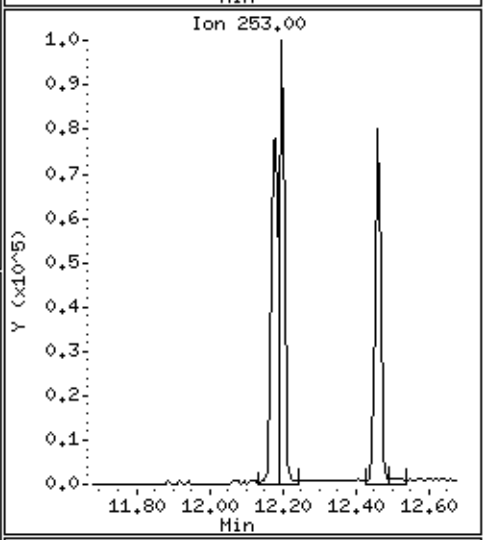


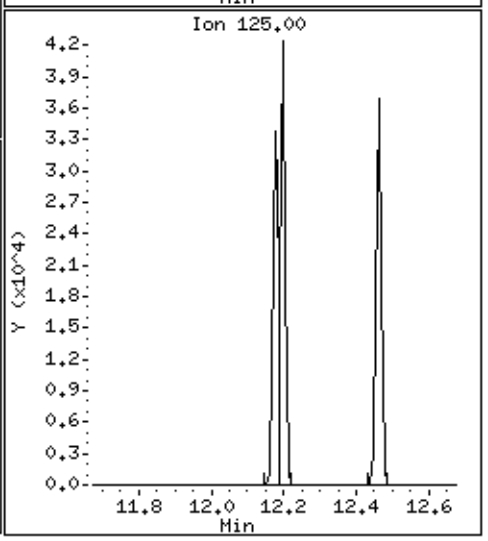












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

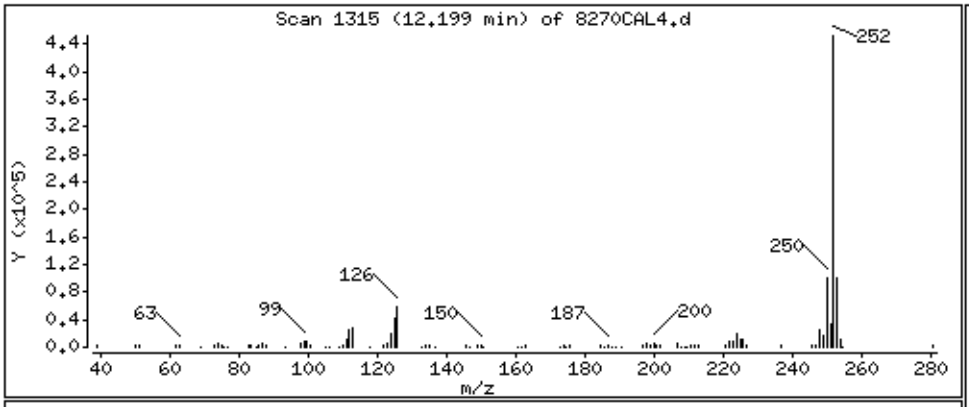
Client ID: 8270CAL4 Instrument: smsd04.i

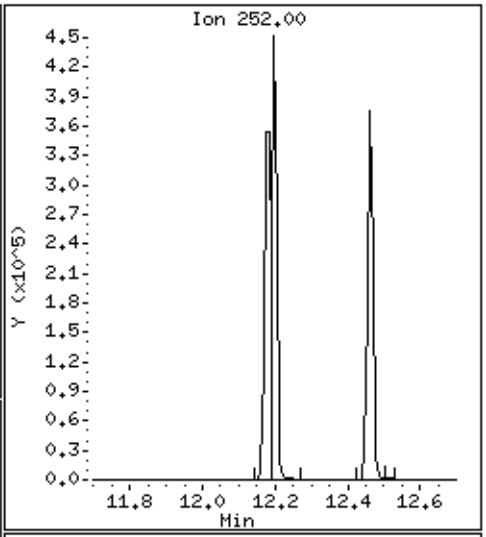
Sample Info: 47766

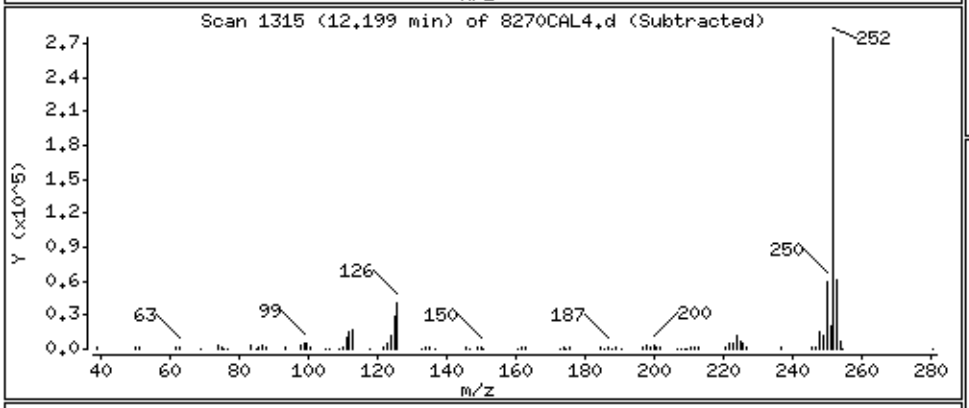
Purge Volume: 1000.0 Operator: MJ

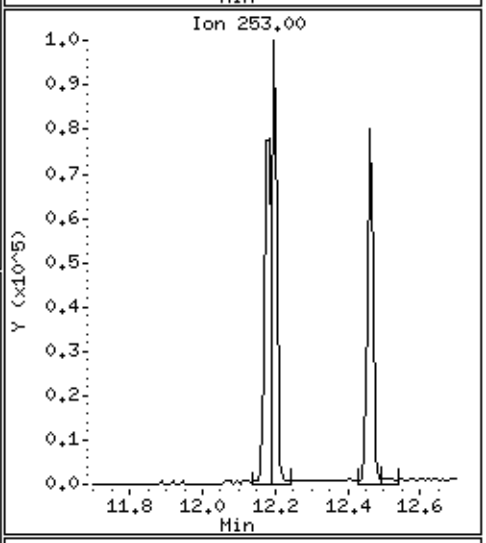
Column phase: HPMS-5 Column diameter: 0.25

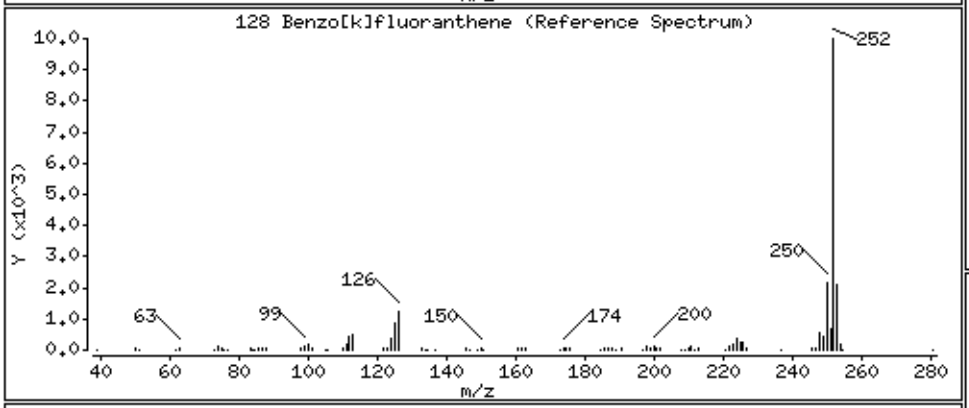
128 Benzo[k]fluoranthene Concentration: 40.3 ug/l

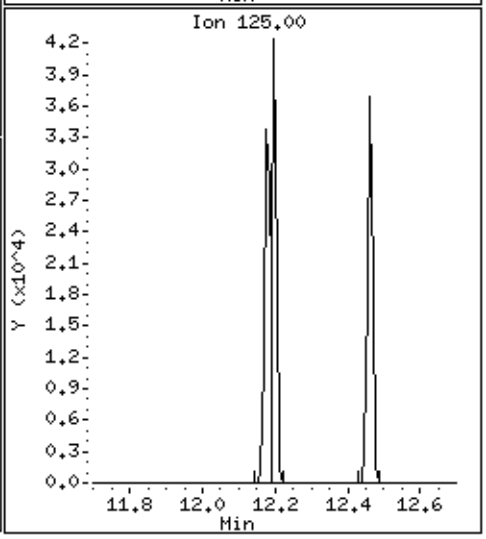


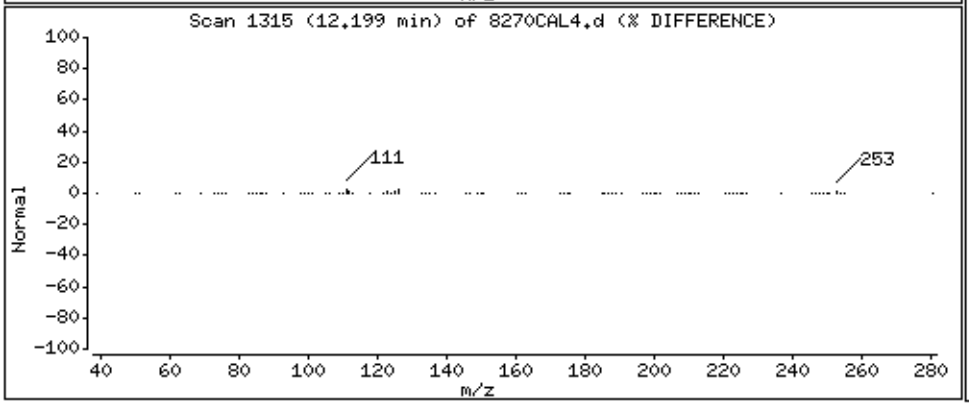












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

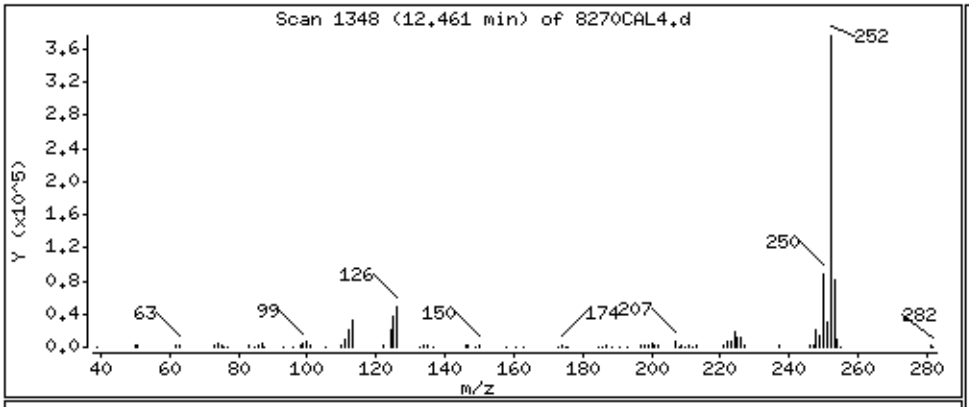
Operator: MJ

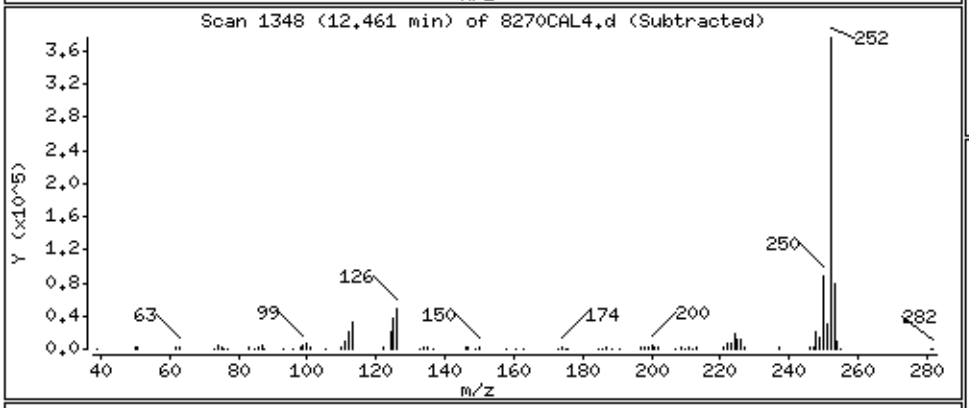
Column phase: HPMS-5

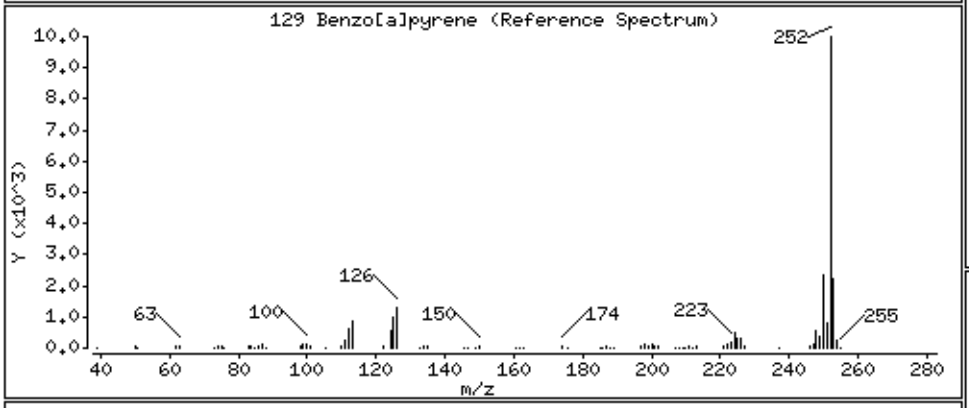
Column diameter: 0.25

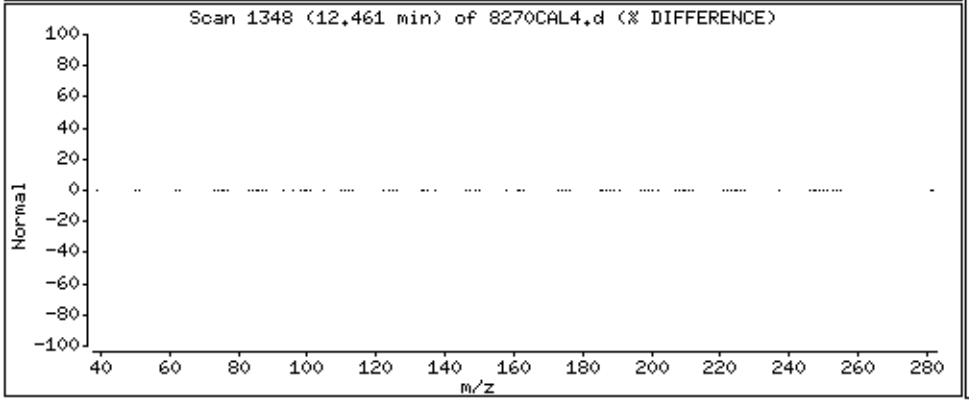
129 Benzo[a]pyrene

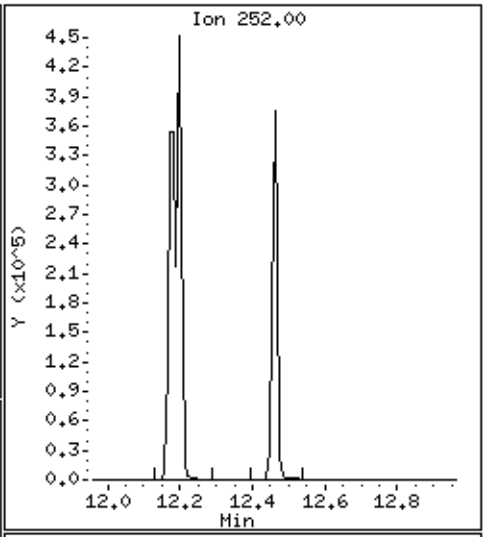
Concentration: 46.7 ug/l

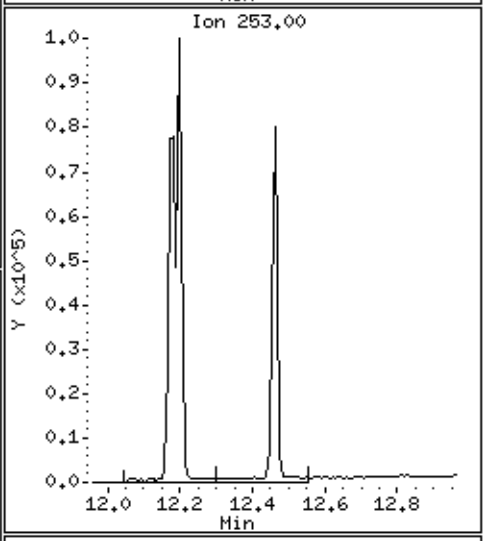


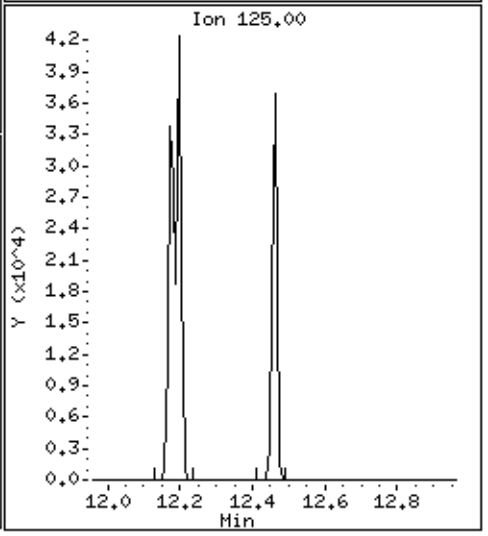












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

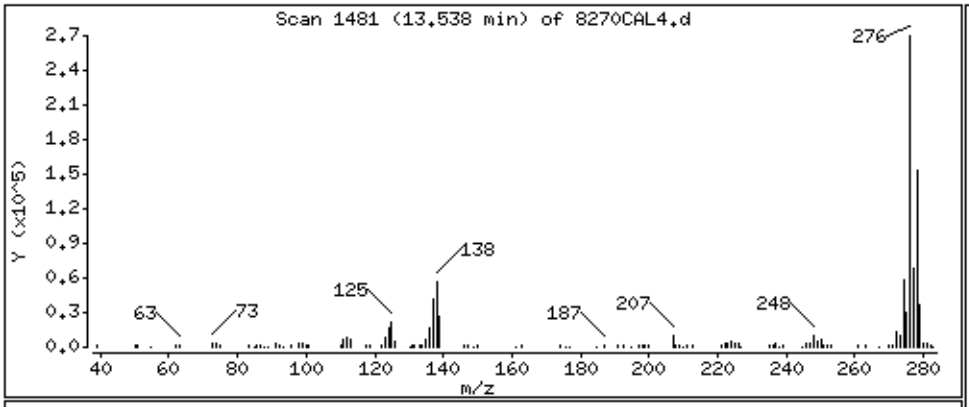
Client ID: 8270CAL4 Instrument: smsd04.i

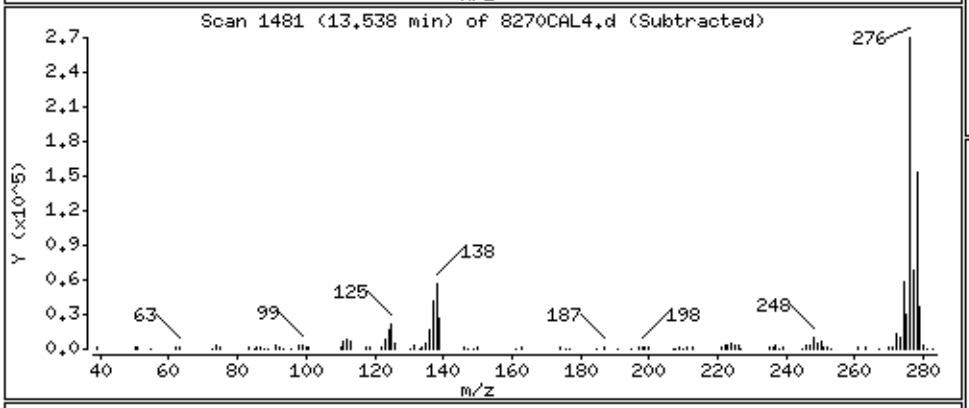
Sample Info: 47766

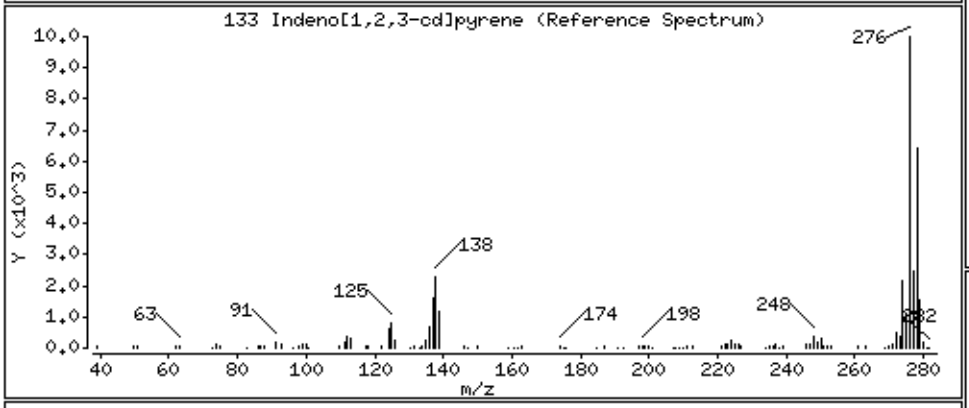
Purge Volume: 1000.0 Operator: MJ

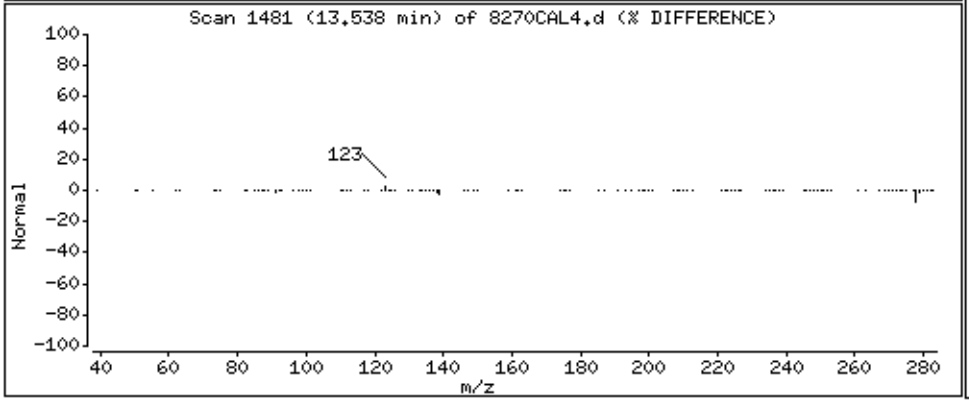
Column phase: HPMS-5 Column diameter: 0.25

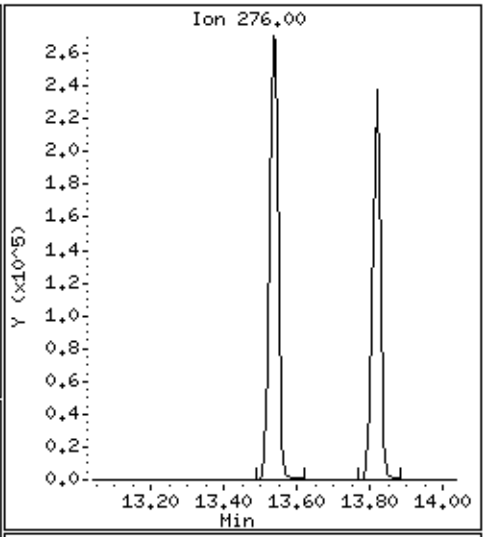
133 Indeno[1,2,3-cd]pyrene Concentration: 47.4 ug/l

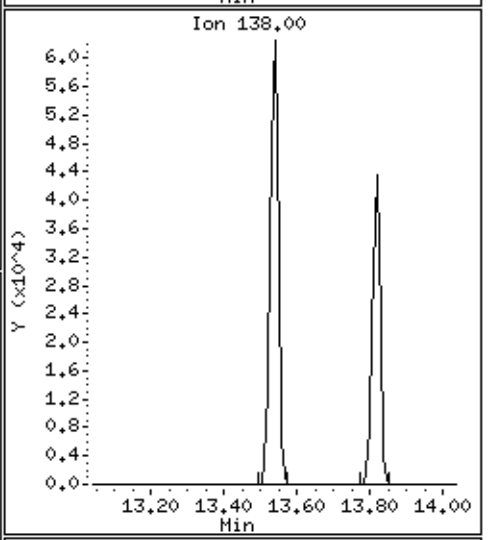


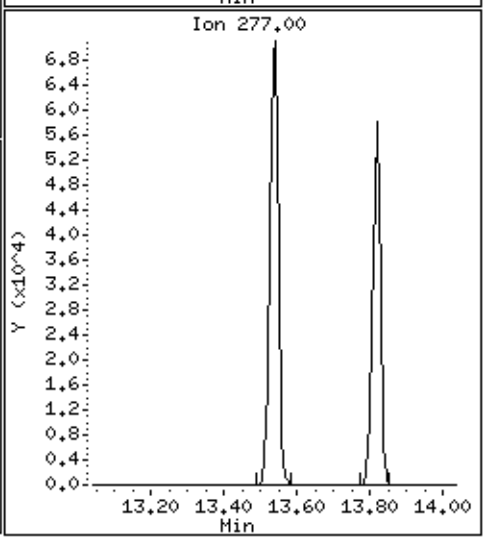












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

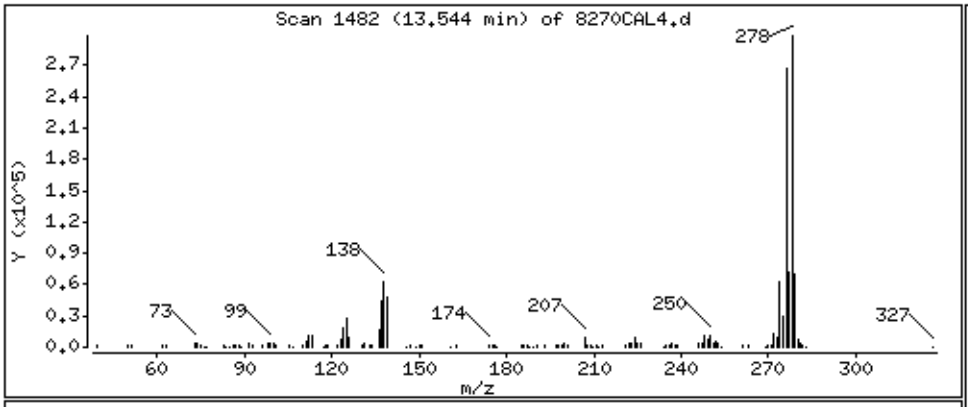
Client ID: 8270CAL4 Instrument: smsd04.i

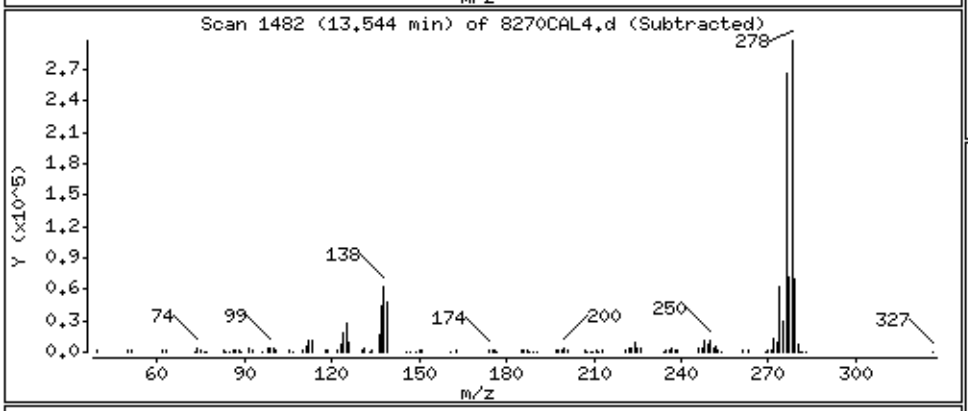
Sample Info: 47766

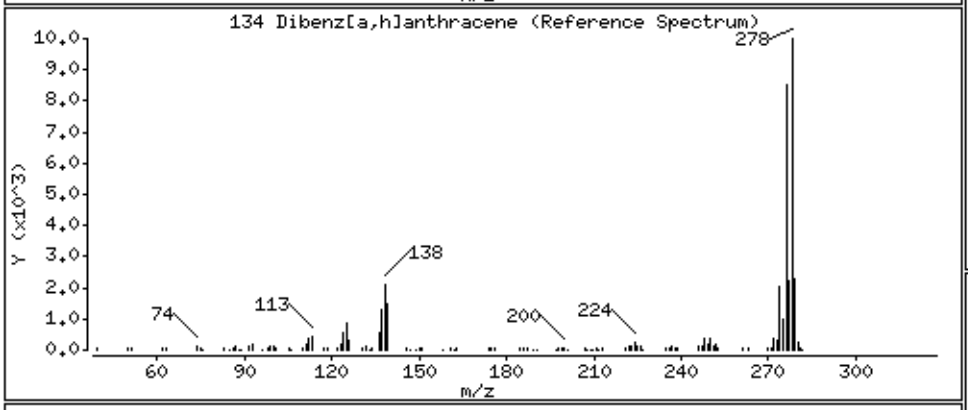
Purge Volume: 1000.0 Operator: MJ

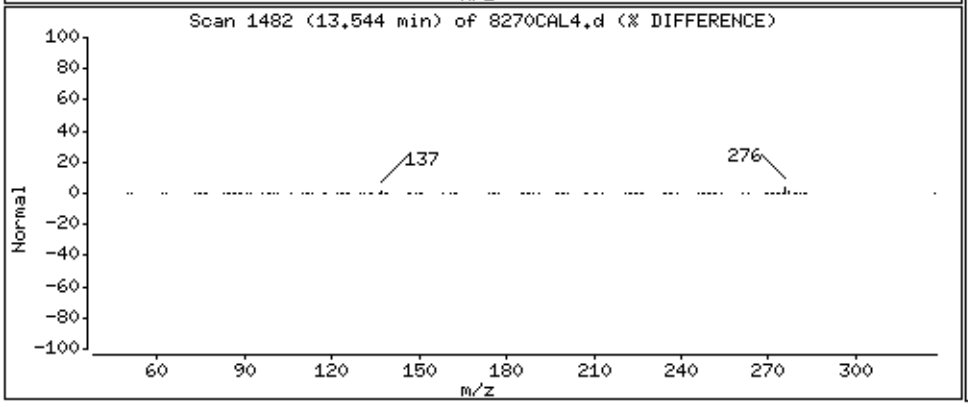
Column phase: HPMS-5 Column diameter: 0.25

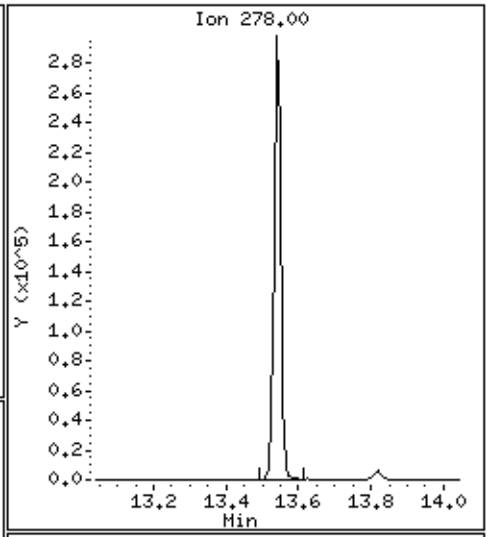
134 Dibenz[a,h]anthracene Concentration: 47.2 ug/l

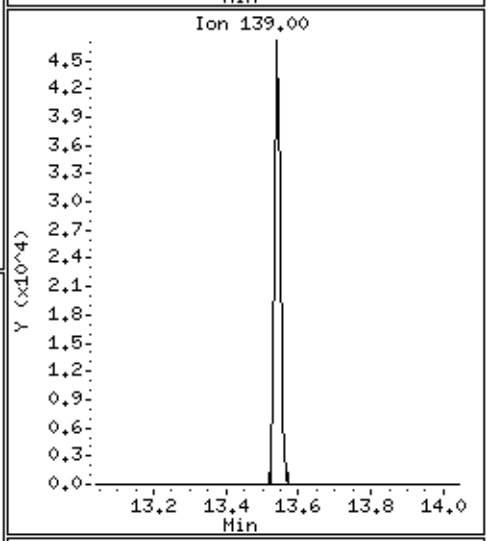


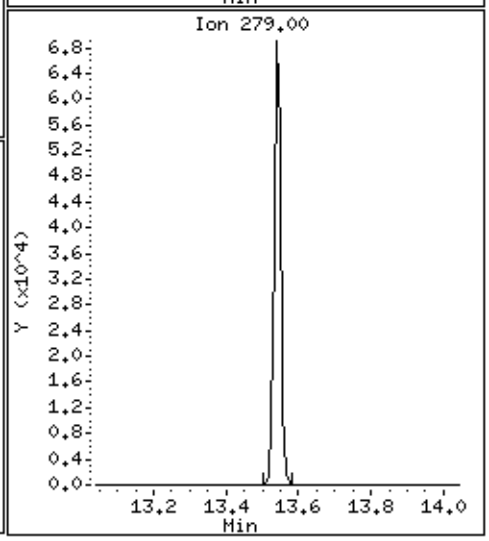












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270CAL4.d

Date : 26-NOV-2012 17:04

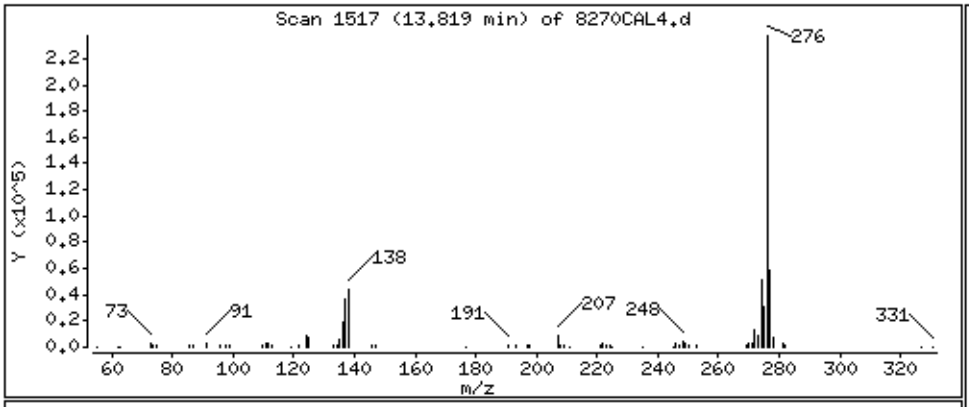
Client ID: 8270CAL4 Instrument: smsd04.i

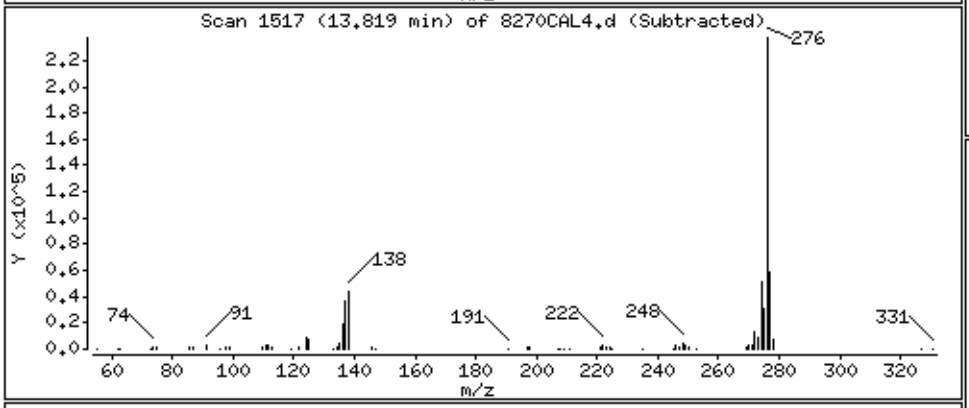
Sample Info: 47766

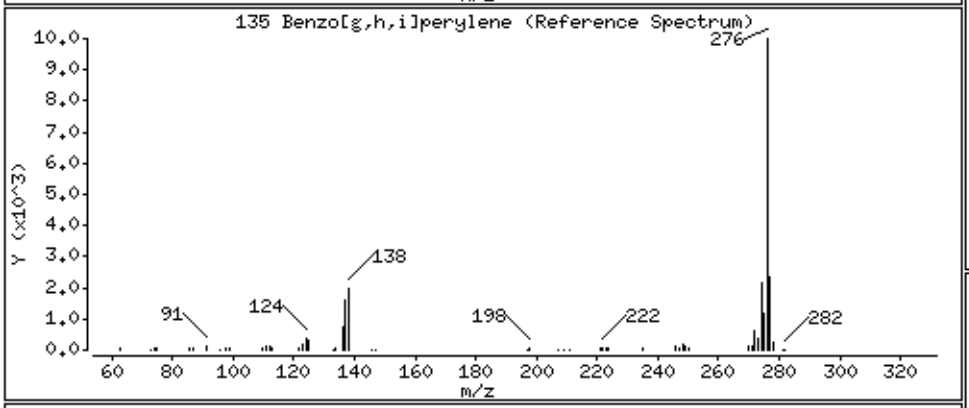
Purge Volume: 1000.0 Operator: MJ

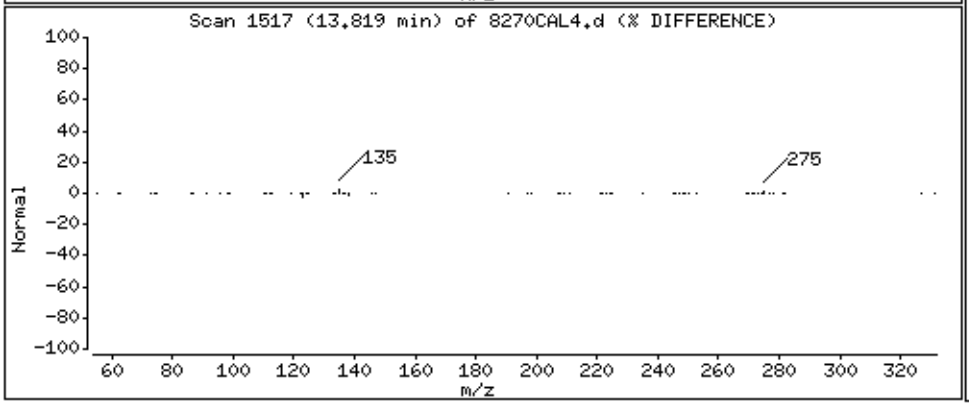
Column phase: HPMS-5 Column diameter: 0.25

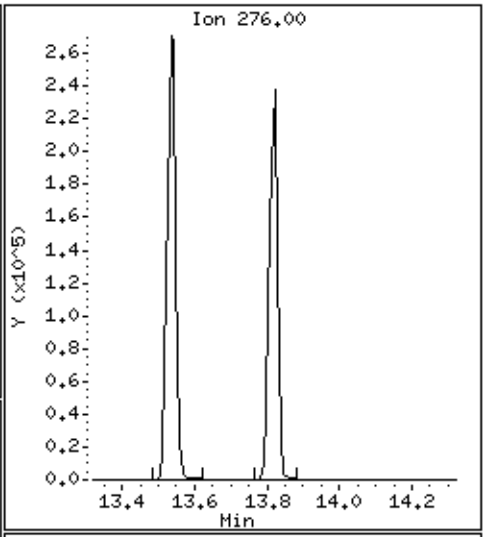
135 Benzo[g,h,i]perylene Concentration: 47.1 ug/l

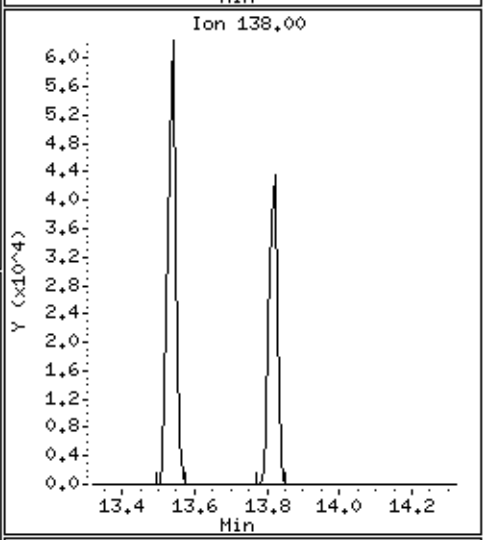


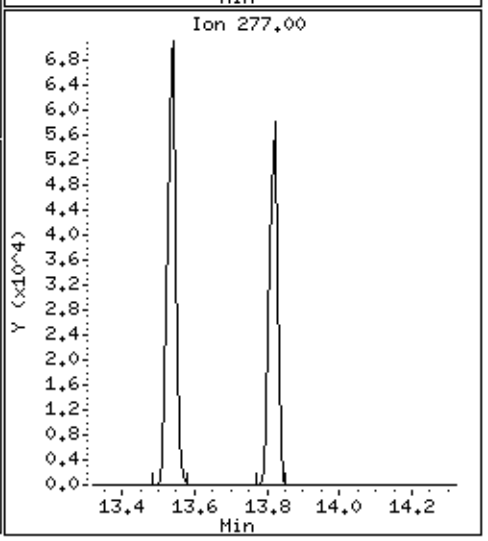












PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112612.b\BSCAL4.d
Lab Smp Id: 47965 Client Smp ID: BSCAL4
Inj Date : 26-NOV-2012 17:25 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : 47965
Misc Info :
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270bcs.m
Meth Date : 29-Nov-2012 11:15 smsd04.i Quant Type: ISTD
Cal Date : 15-NOV-2012 09:25 Cal File: AP9CAL7.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: BZSOWcal.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * (1/(Vo/1000))*Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1000.000	Volume of sample extracted (mL)
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

					AMOUNTS			
					CAL-AMT	ON-COL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/ml)	(ug/ml)	TARGET RANGE	RATIO
9 Benzaldehyde						CAS #: 100-52-7		
3.917	3.917 (0.915)		77	125950	45.0000	44.4	80.00- 120.00	100.00
3.918	3.918 (0.915)		106	104622			53.07- 113.07	83.07
3.917	3.917 (0.915)		51	57405			15.58- 75.58	45.58
* 18 1,4-Dichlorobenzene-d4						CAS #: 3855-82-1		
4.282	4.282 (1.000)		152	90733	40.0000		80.00- 120.00	100.00(Q)
4.281	4.282 (1.000)		115	57340			33.16- 93.16	63.20
4.282	4.282 (1.000)		150	141390			129.12- 189.12	155.83
25 Acetophenone						CAS #: 98-86-2		
4.659	4.662 (0.855)		105	194840	45.0000	43.2	80.00- 120.00	100.00
4.659	4.661 (0.855)		77	180178			60.77- 120.77	92.47
4.659	4.661 (0.855)		51	58213			0.00- 59.81	29.88
* 43 Naphthalene-d8						CAS #: 1146-65-2		
5.448	5.450 (1.000)		136	300365	40.0000		80.00- 120.00	100.00
5.448	5.450 (1.000)		68	20679			0.00- 37.24	6.88
50 Caprolactam						CAS #: 105-60-2		
5.826	5.826 (1.069)		55	55208	45.0000	45.0	80.00- 120.00	100.00
5.827	5.827 (1.069)		113	40235			42.88- 102.88	72.88

					AMOUNTS			
					CAL-AMT	ON-COL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/ml)	(ug/ml)	TARGET RANGE	RATIO
50 Caprolactam (continued)								
5.826	5.826 (1.069)		85	29886			24.13- 84.13	54.13
61 1,1-Biphenyl						CAS #: 92-52-4		
6.582	6.582 (0.920)		154	327239	45.0000	45.0	80.00- 120.00	100.00
6.582	6.582 (0.920)		76	47492			0.00- 44.51	14.51
6.582	6.582 (0.920)		51	22845			0.00- 36.98	6.98
* 70 Acenaphthene-d10						CAS #: 15067-26-2		
7.152	7.153 (1.000)		164	195295	40.0000		80.00- 120.00	100.00
7.152	7.153 (1.000)		162	183858			65.06- 125.06	94.14
7.152	7.153 (1.000)		160	82583			12.17- 72.17	42.29
95 Atrazine						CAS #: 1912-24-9		
8.349	8.349 (0.973)		200	91024	45.0000	46.4	80.00- 120.00	100.00
8.349	8.349 (0.973)		58	38924			12.76- 72.76	42.76
8.350	8.350 (0.973)		215	47625			22.32- 82.32	52.32
* 100 Phenanthrene-d10						CAS #: 1517-22-2		
8.584	8.590 (1.000)		188	356324	40.0000		80.00- 120.00	100.00
8.583	8.589 (1.000)		94	36343			0.00- 40.12	10.20
8.584	8.589 (1.000)		80	39969			0.00- 41.14	11.22
110 Benzidine						CAS #: 92-87-5		
9.910	9.910 (0.886)		184	352672	45.0000	50.4	80.00- 120.00	100.00
9.910	9.910 (0.886)		92	28251			0.00- 38.01	8.01
9.910	9.910 (0.886)		185	49164			0.00- 43.94	13.94
122 3,3'-Dichlorobenzidine						CAS #: 91-94-1		
11.161	11.161 (0.997)		252	215533	45.0000	50.8	80.00- 120.00	100.00
11.162	11.162 (0.997)		254	136971			33.55- 93.55	63.55
11.161	11.161 (0.997)		126	24564			0.00- 41.40	11.40
* 121 Chrysene-d12						CAS #: 1719-03-5		
11.191	11.191 (1.000)		240	403065	40.0000		80.00- 120.00	100.00
11.190	11.191 (1.000)		120	40027			0.00- 39.96	9.93
11.191	11.191 (1.000)		236	97984			0.00- 54.60	24.31
* 130 Perylene-d12						CAS #: 1520-96-3		
12.509	12.509 (1.000)		264	377648	40.0000		80.00- 120.00	100.00
12.509	12.509 (1.000)		260	87663			0.00- 52.64	23.21
12.509	12.508 (1.000)		265	82019			0.00- 51.95	21.72

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\Svecdo4\DD\chem\smsdo4.i\S4112612.b\BSCAL4.d
Date : 26-NOV-2012 17:25
Client ID: BSCAL4
Sample Info: 47965
Purge Volume: 1000.0
Column phase: HPMS-5

Instrument: smsdo4.i
Operator: MJ
Column diameter: 0.25

Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\BSCAL4.d

Date : 26-NOV-2012 17:25

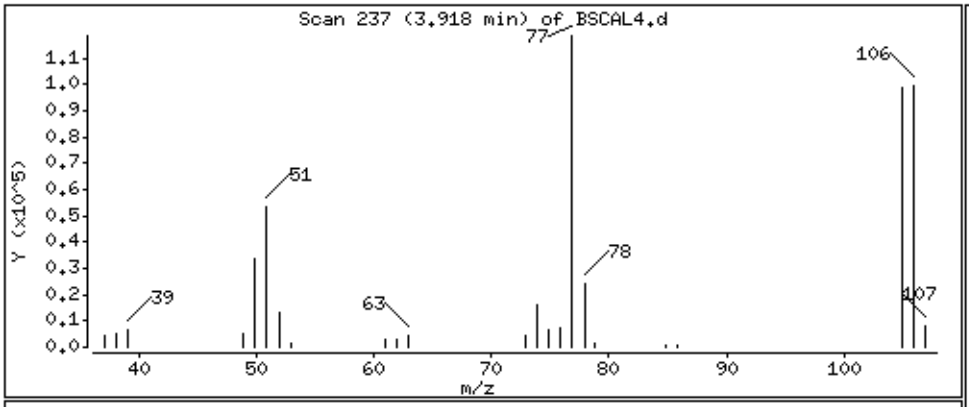
Client ID: BSCAL4 Instrument: smsd04.i

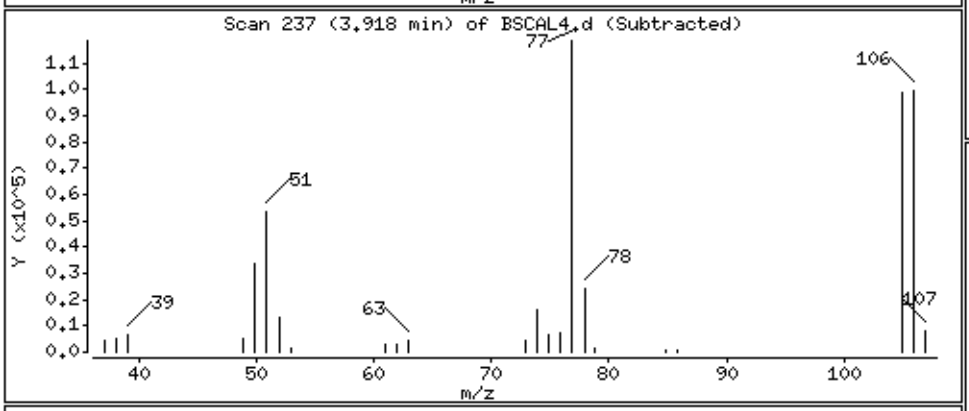
Sample Info: 47965

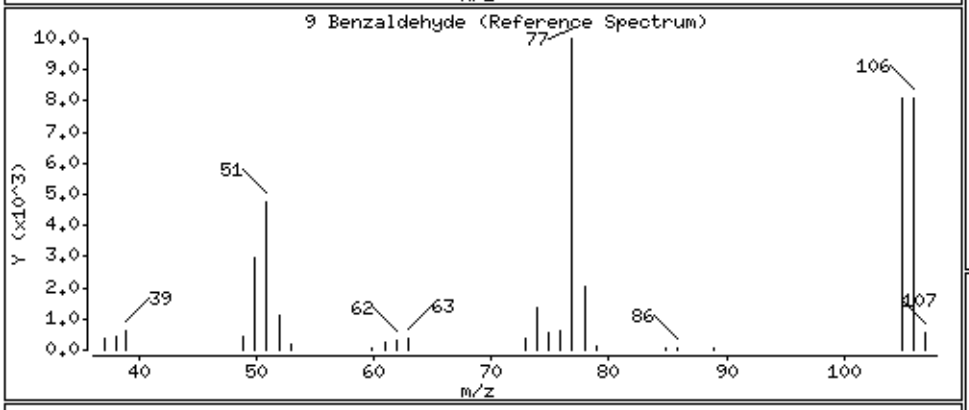
Purge Volume: 1000.0 Operator: MJ

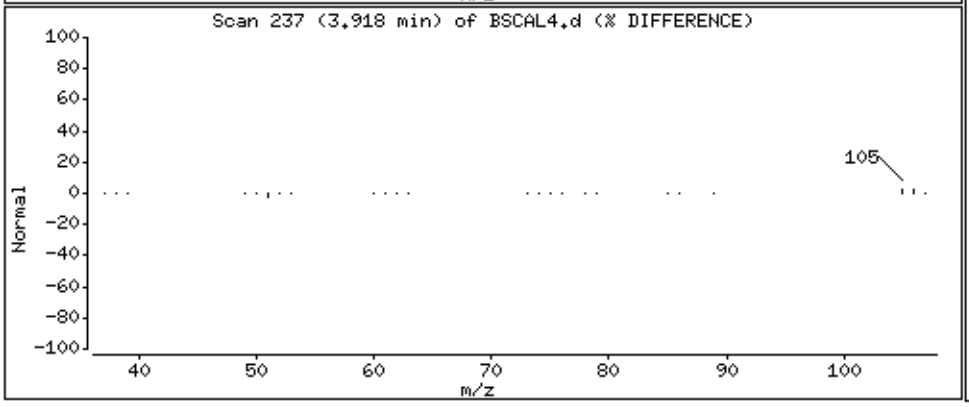
Column phase: HPMS-5 Column diameter: 0.25

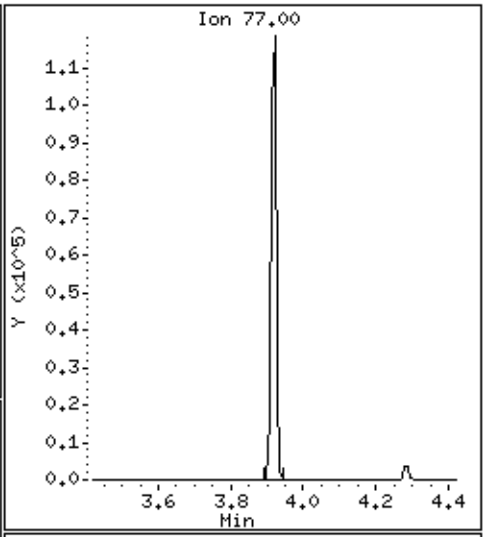
9 Benzaldehyde Concentration: 44.4 ug/l

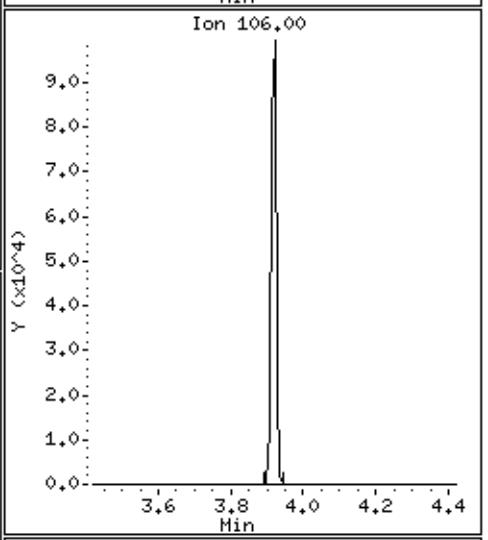


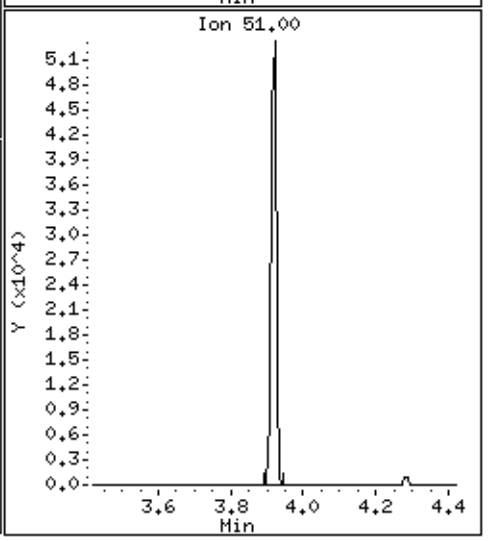












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\BSCAL4.d

Date : 26-NOV-2012 17:25

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

Purge Volume: 1000.0

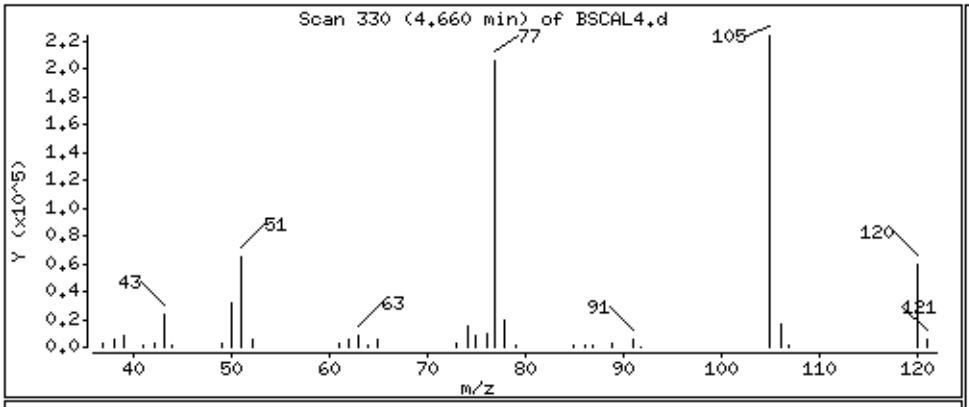
Operator: MJ

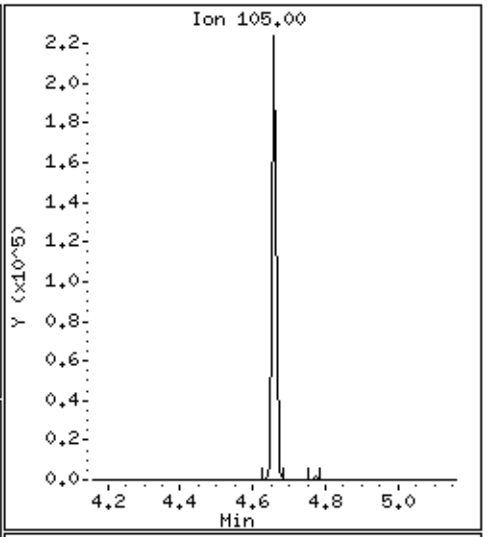
Column phase: HPMS-5

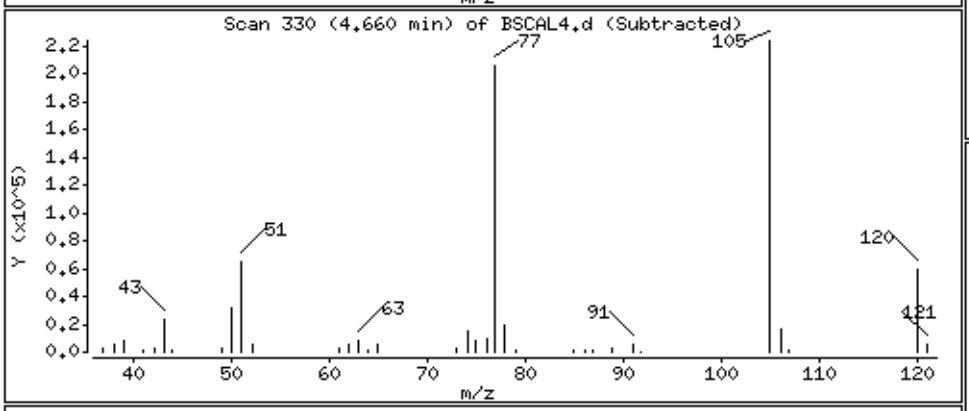
Column diameter: 0.25

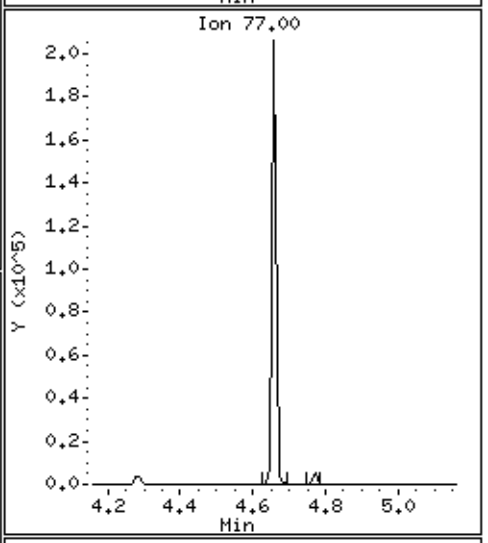
25 Acetophenone

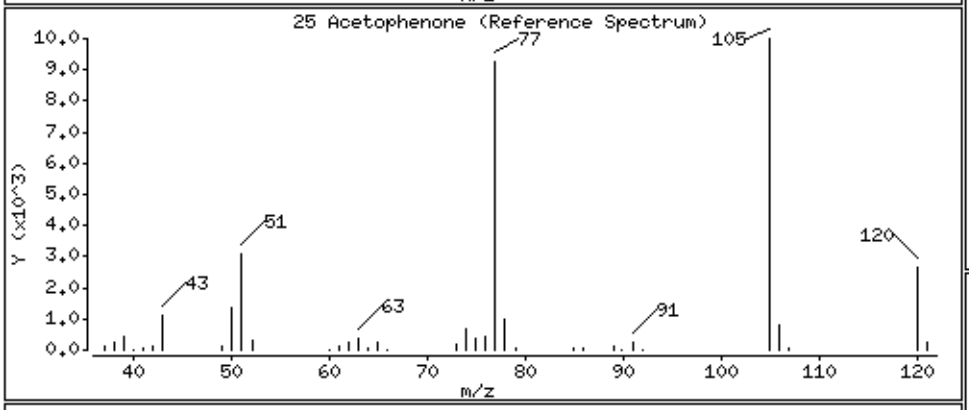
Concentration: 43.2 ug/l

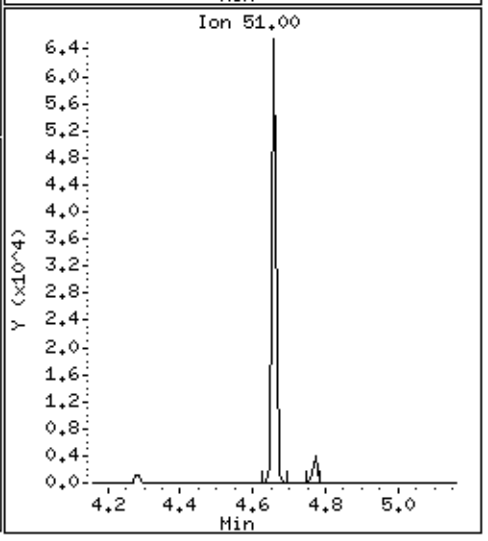


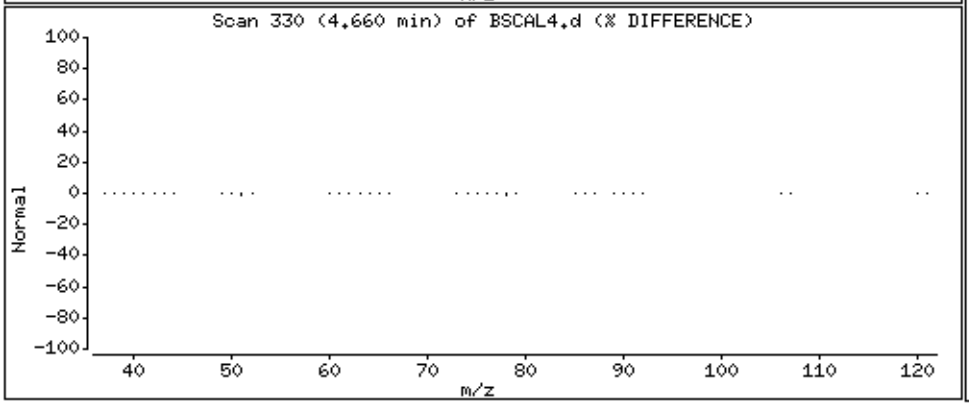












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\BSCAL4.d

Date : 26-NOV-2012 17:25

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

Purge Volume: 1000.0

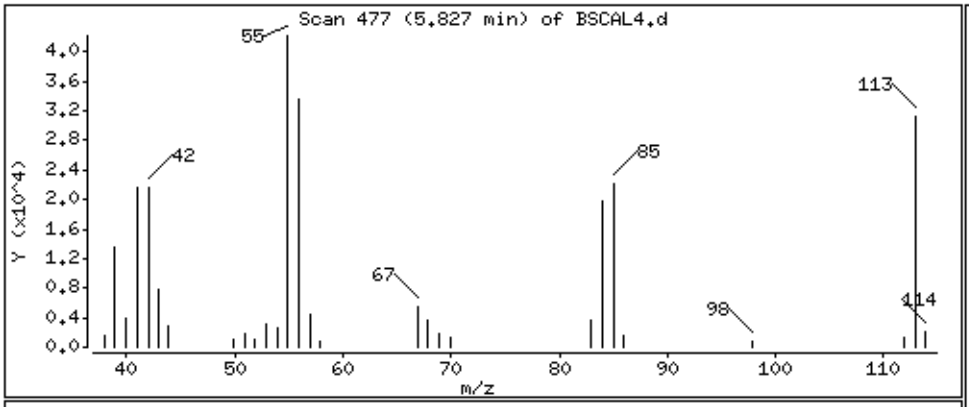
Operator: MJ

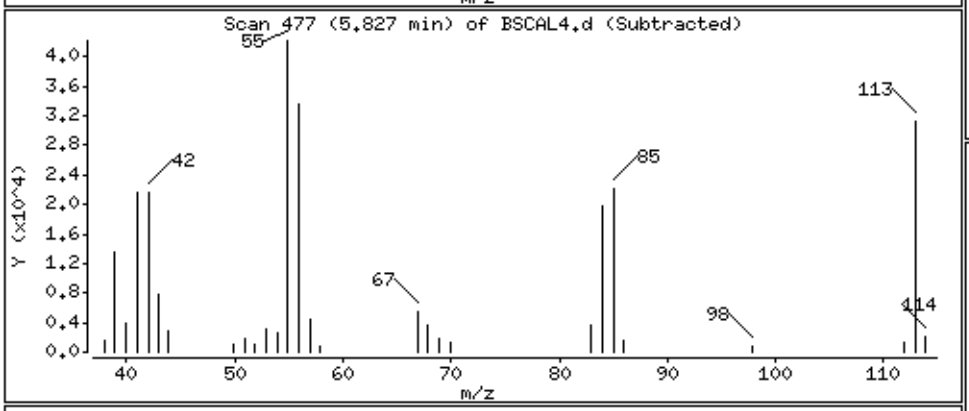
Column phase: HPMS-5

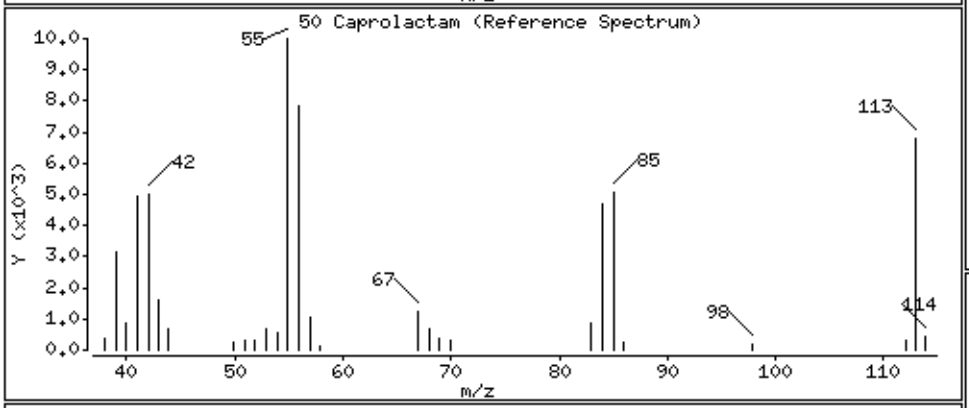
Column diameter: 0.25

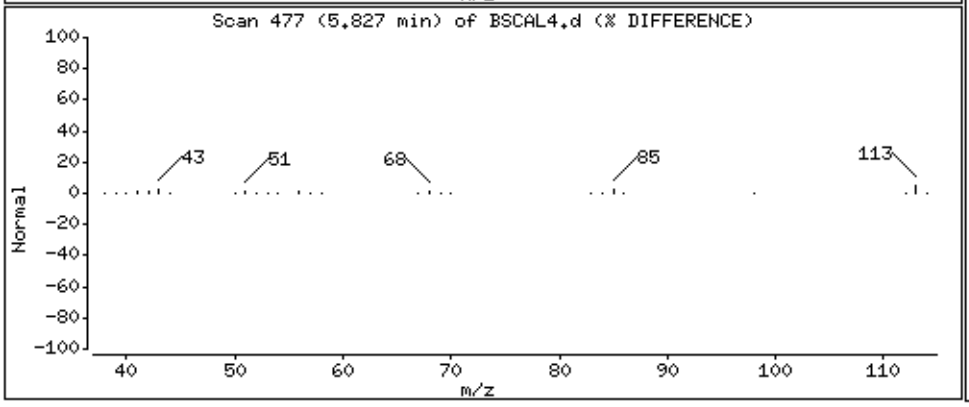
50 Caprolactam

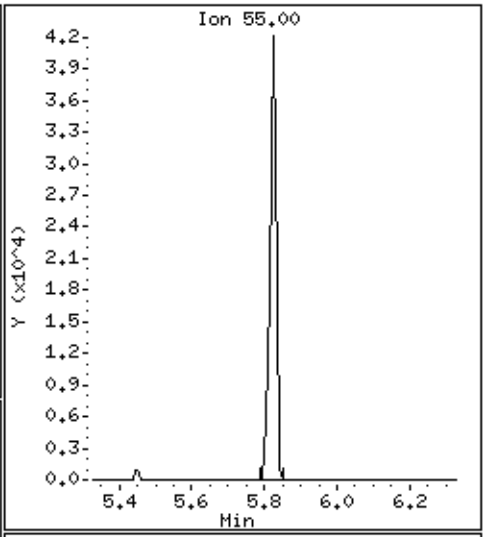
Concentration: 45.0 ug/l

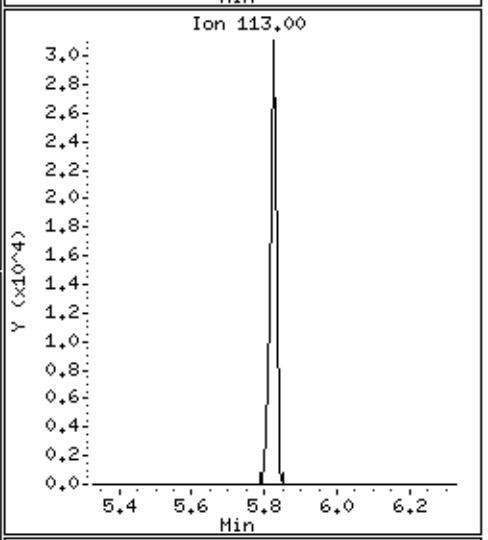


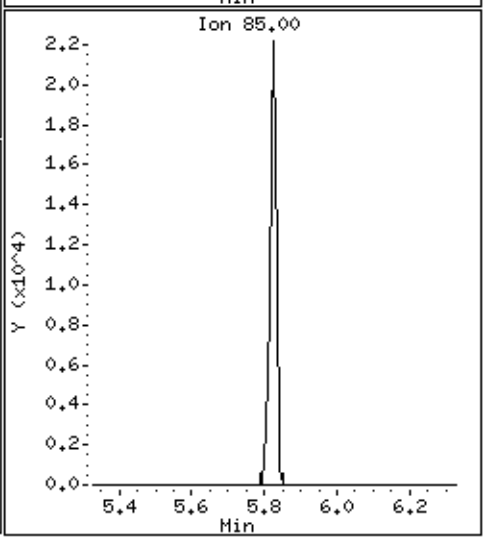












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\BSCAL4.d

Date : 26-NOV-2012 17:25

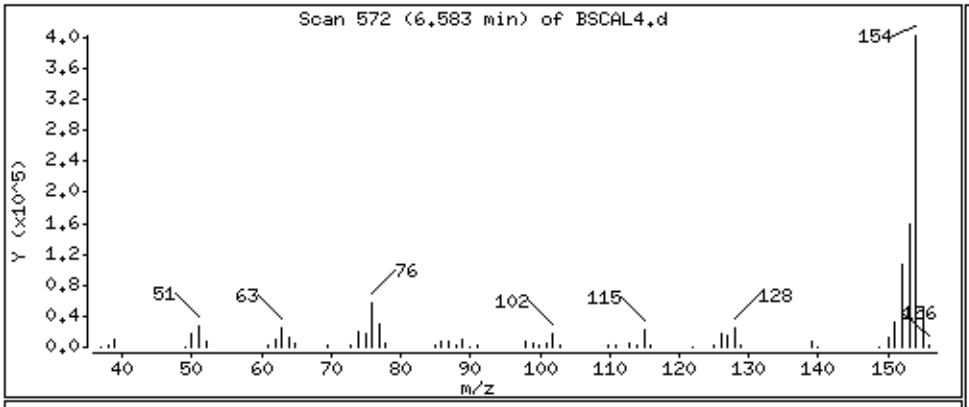
Client ID: BSCAL4 Instrument: smsd04.i

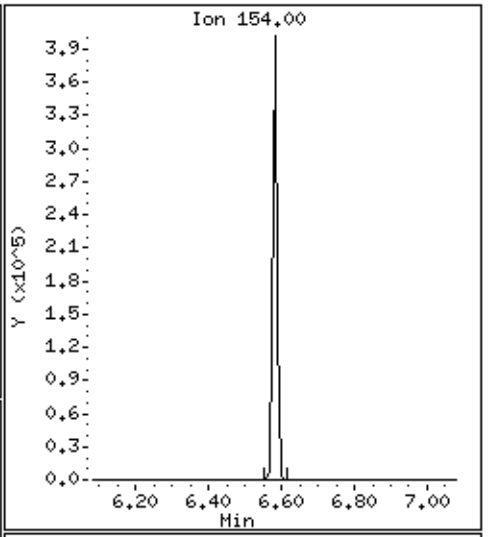
Sample Info: 47965

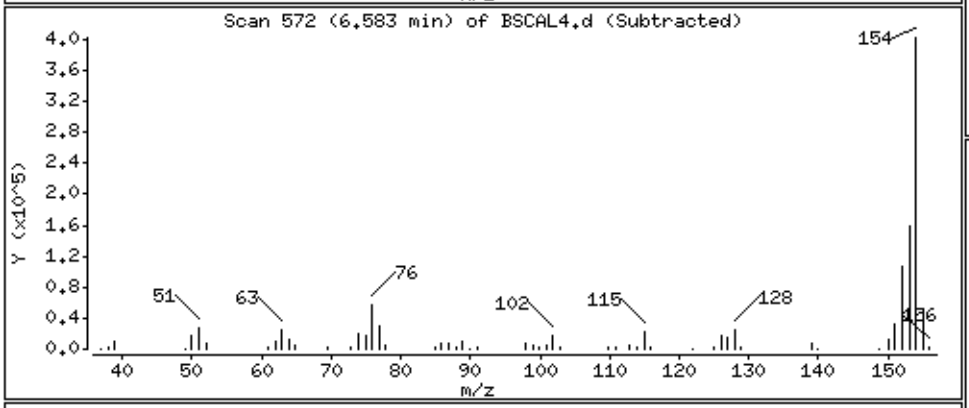
Purge Volume: 1000.0 Operator: MJ

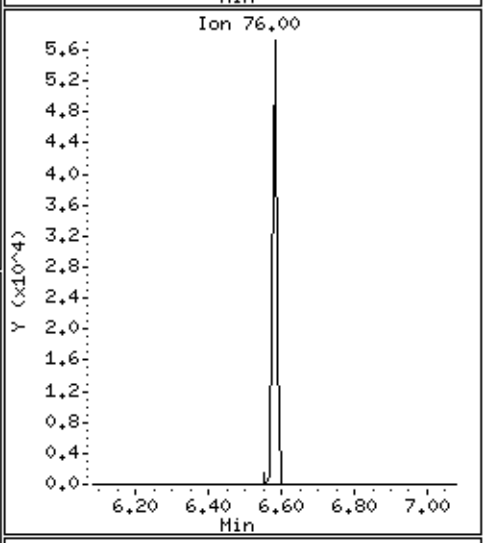
Column phase: HPMS-5 Column diameter: 0.25

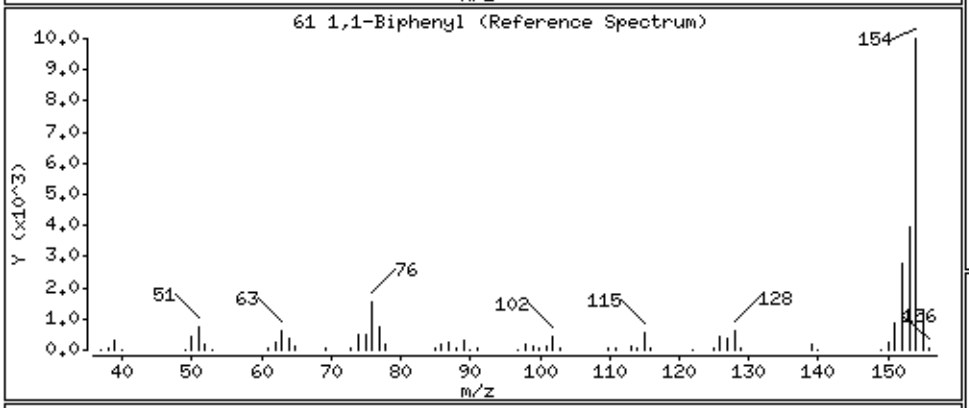
61 1,1-Biphenyl Concentration: 45.0 ug/l

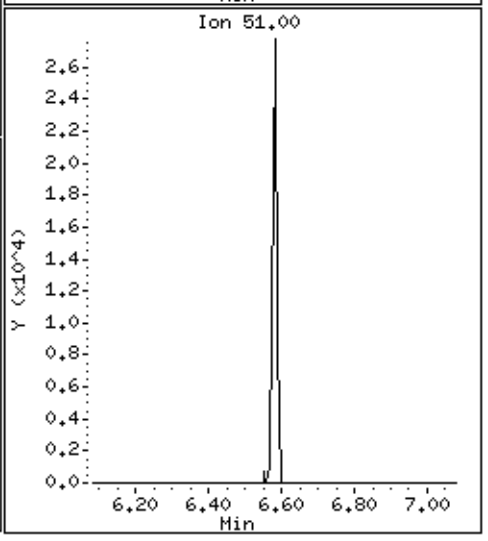


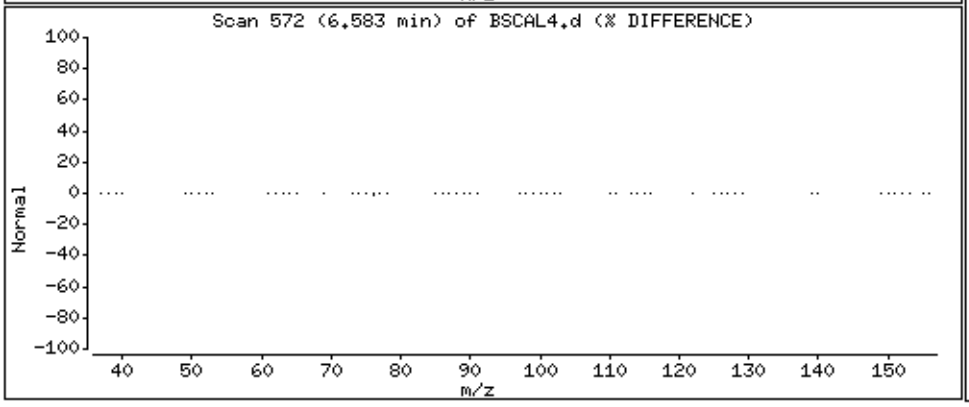












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\BSCAL4.d

Date : 26-NOV-2012 17:25

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

Purge Volume: 1000.0

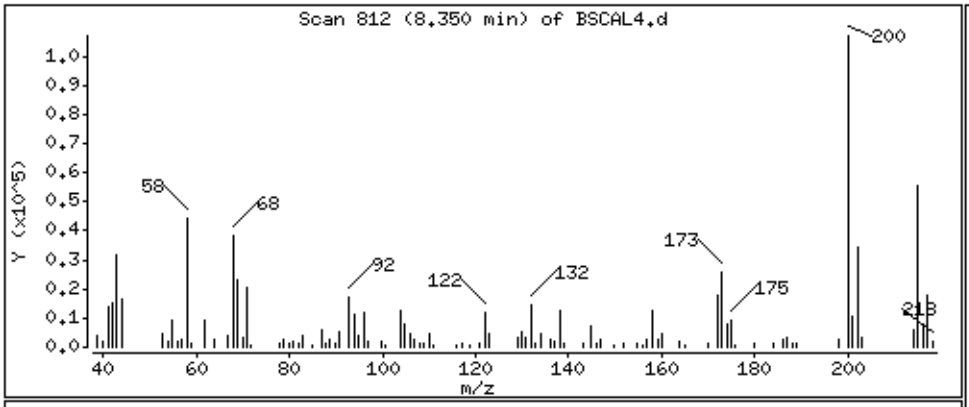
Operator: MJ

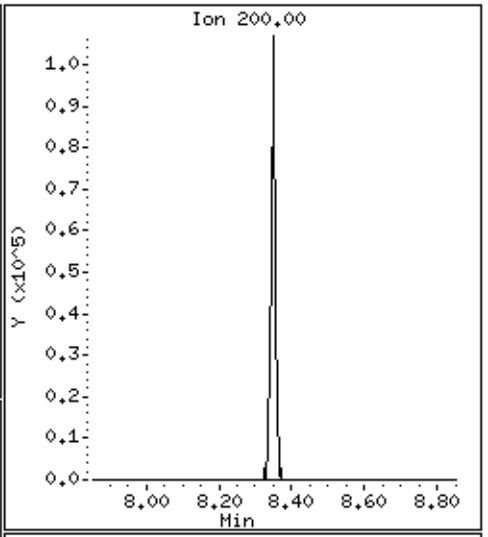
Column phase: HPMS-5

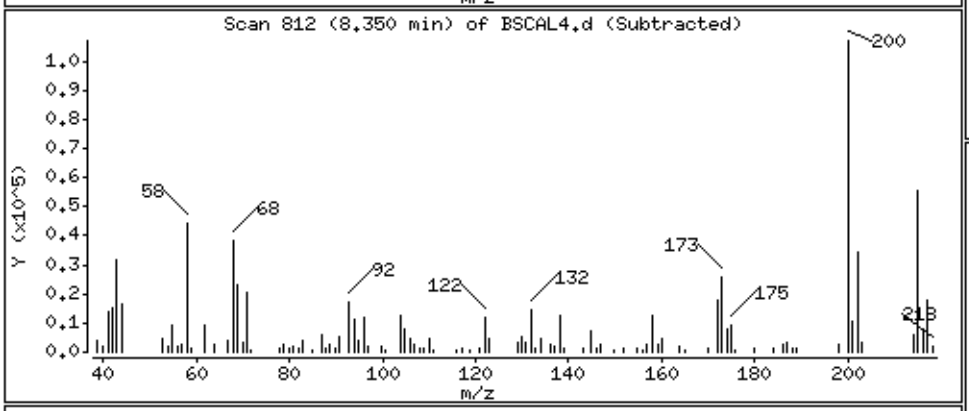
Column diameter: 0.25

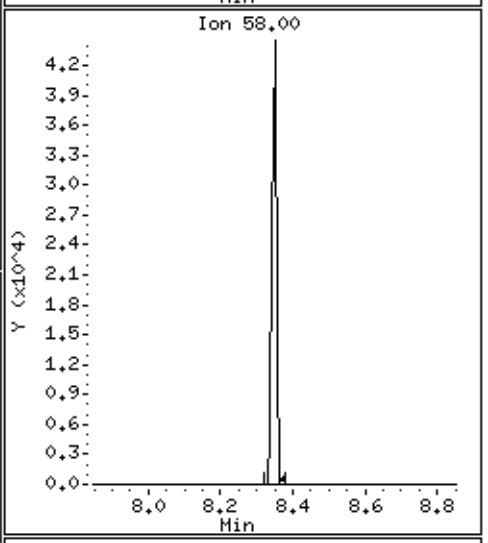
95 Atrazine

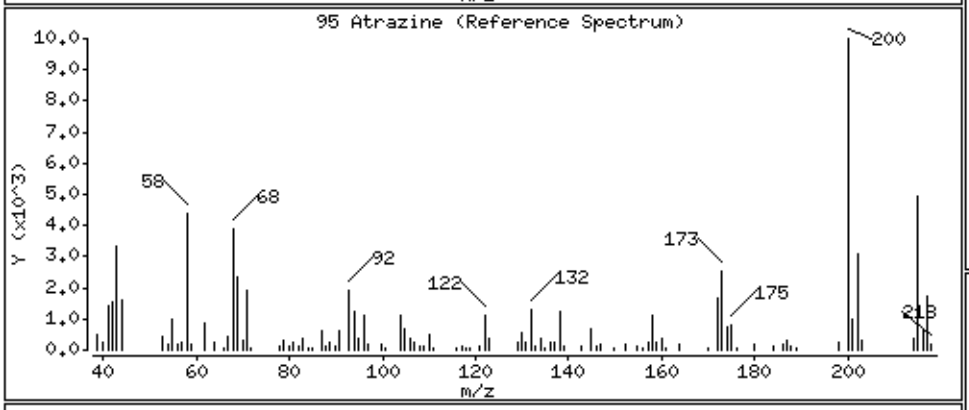
Concentration: 46.4 ug/l

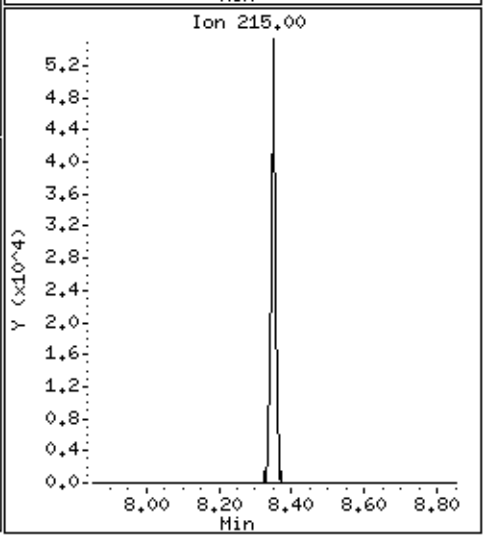


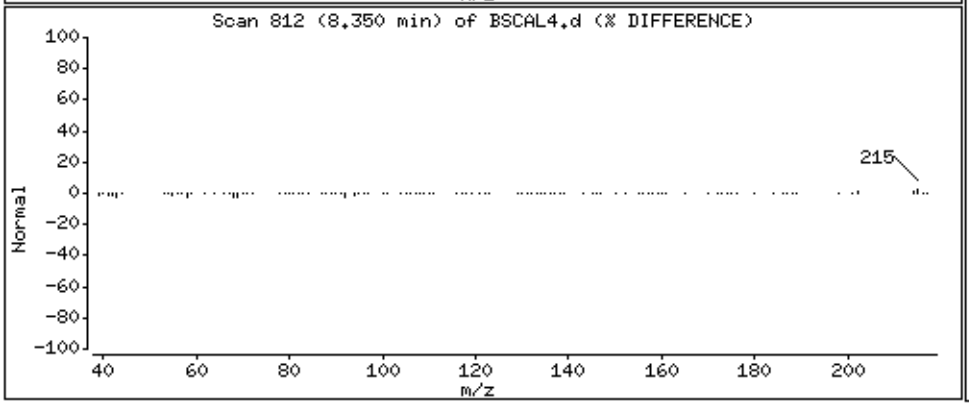












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\BSCAL4.d

Date : 26-NOV-2012 17:25

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

Purge Volume: 1000.0

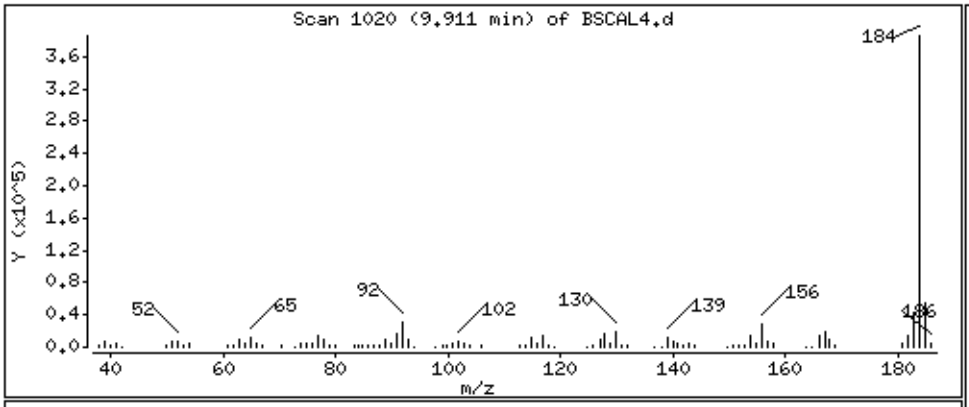
Operator: MJ

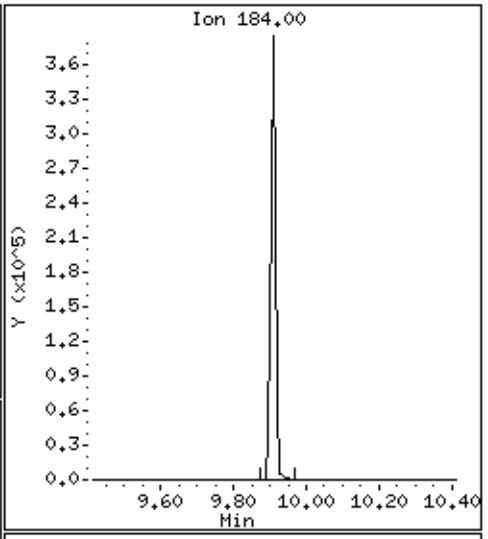
Column phase: HPMS-5

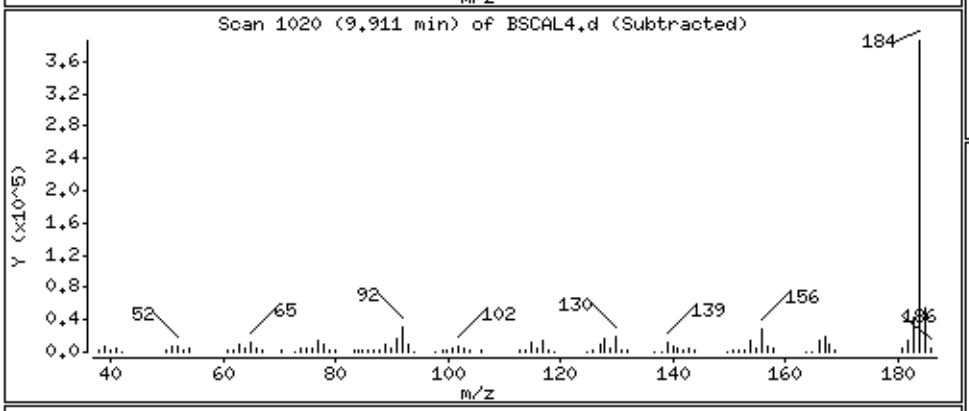
Column diameter: 0.25

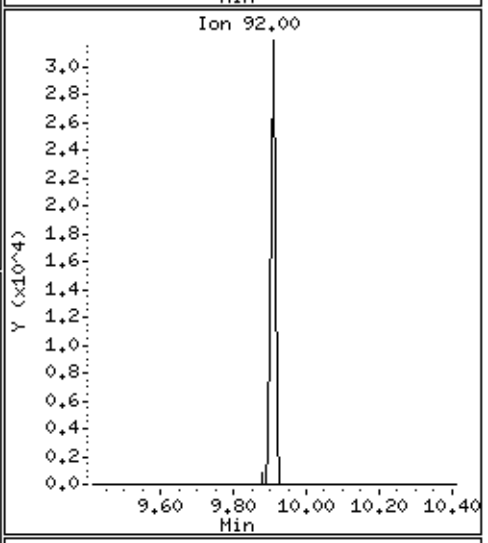
110 Benzidine

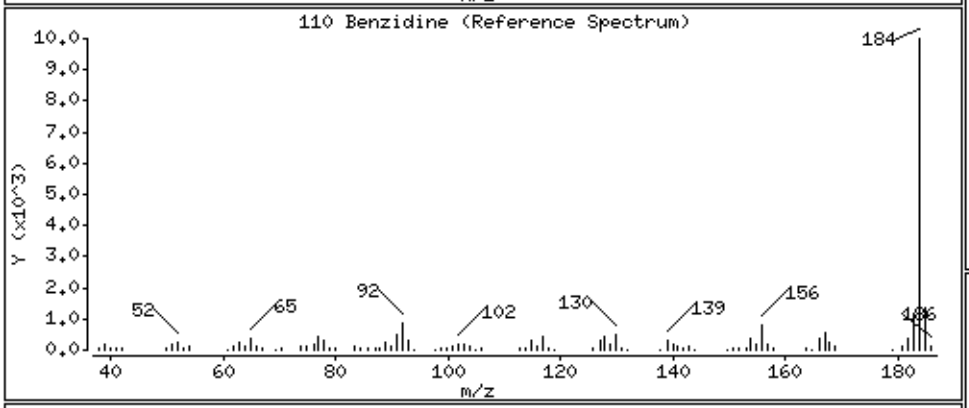
Concentration: 50.4 ug/l

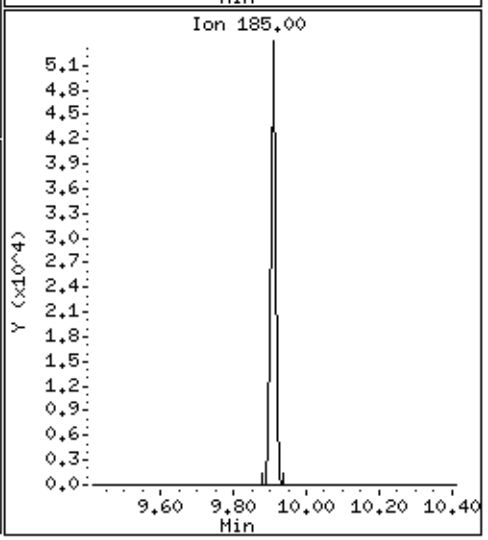


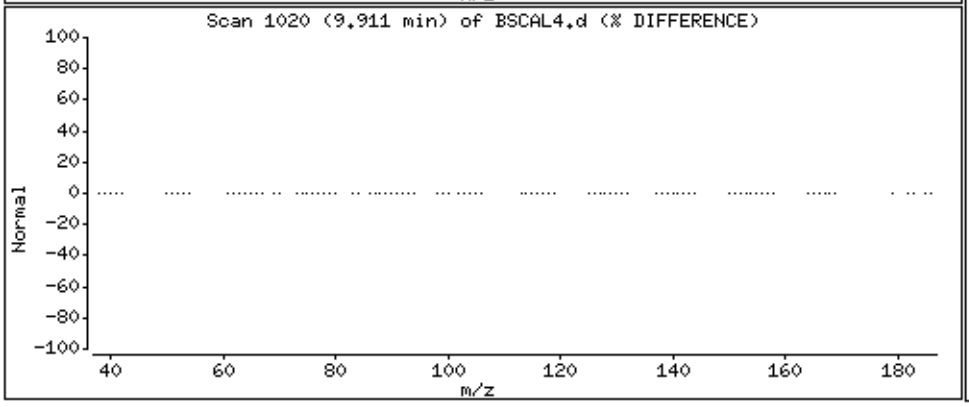












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\BSCAL4.d

Date : 26-NOV-2012 17:25

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

Purge Volume: 1000.0

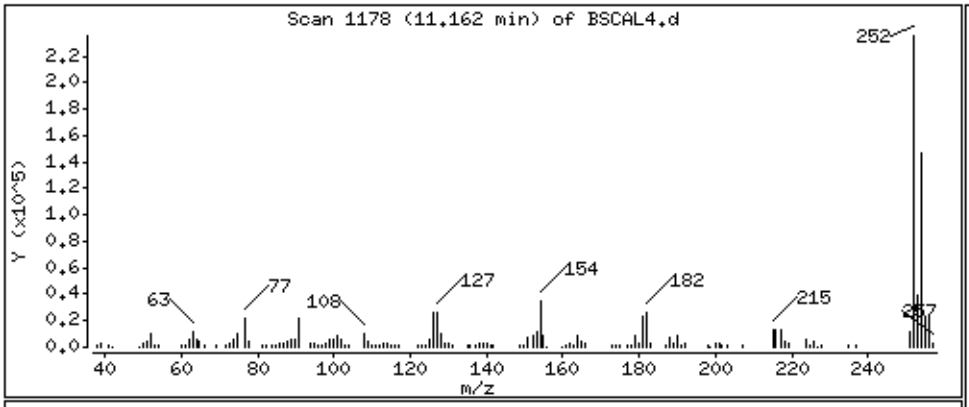
Operator: MJ

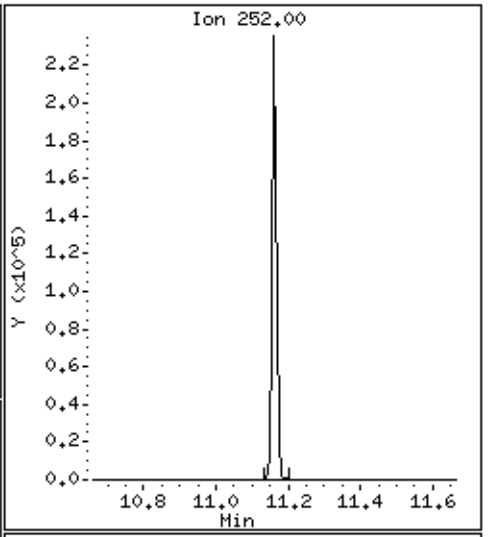
Column phase: HPMS-5

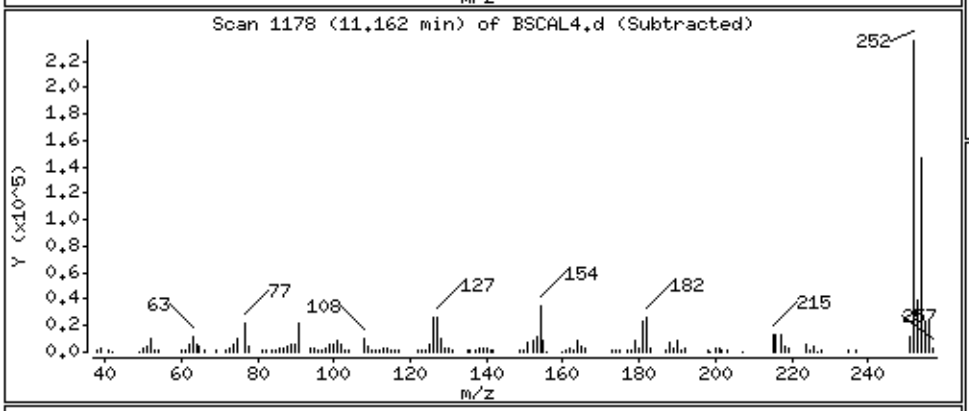
Column diameter: 0.25

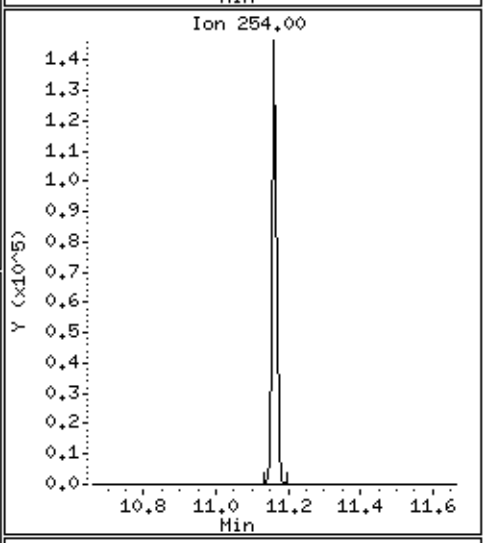
122 3,3'-Dichlorobenzidine

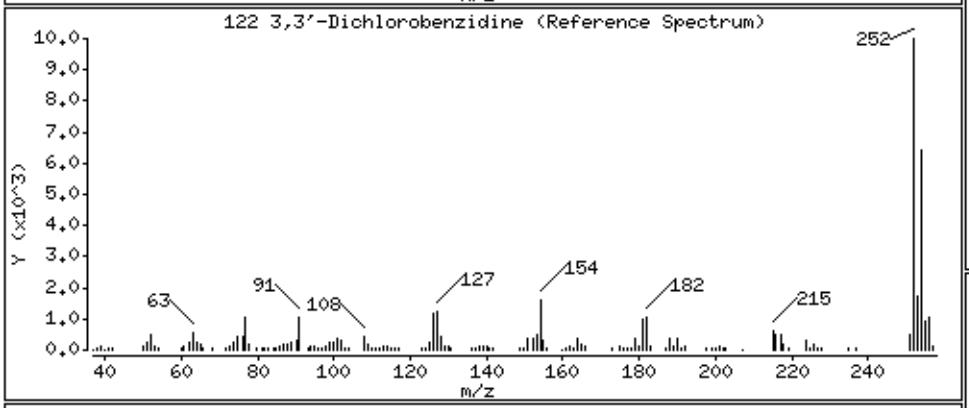
Concentration: 50.8 ug/l

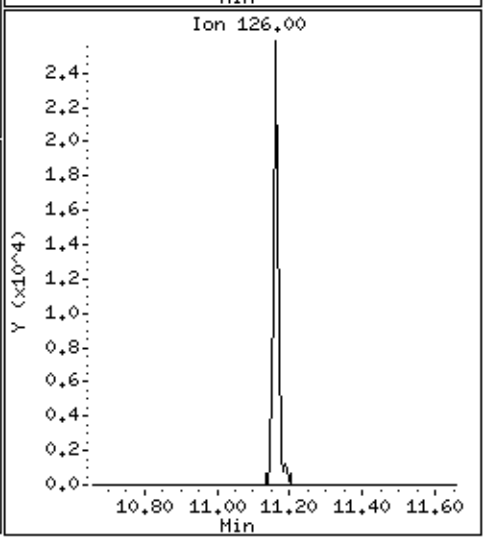


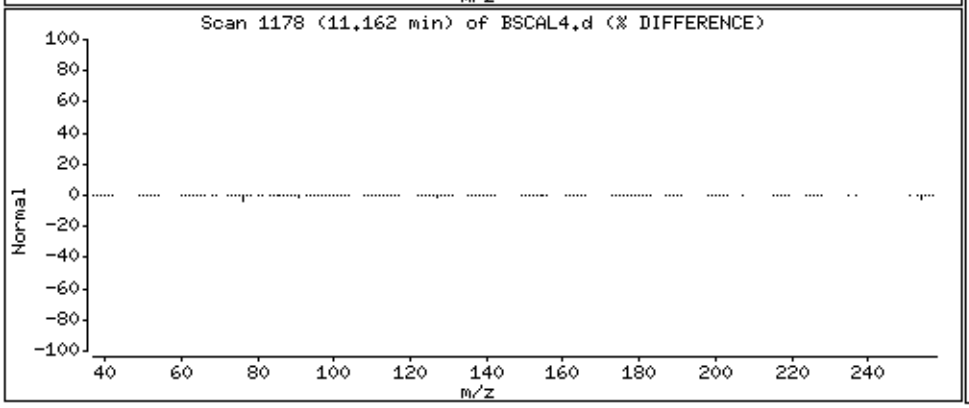












PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d
Lab Smp Id: 47936 Client Smp ID: AP9CAL4
Inj Date : 26-NOV-2012 17:46 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : 47936
Misc Info :
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270bcs.m
Meth Date : 29-Nov-2012 11:15 smsd04.i Quant Type: ISTD
Cal Date : 15-NOV-2012 09:25 Cal File: AP9CAL7.d
Als bottle: 5 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ap9cal.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * (1/(Vo/1000))*Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1000.000	Volume of sample extracted (mL)
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

					AMOUNTS			
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
3 2- Picoline						CAS #: 109-06-8		
2.779	2.779 (0.649)		93	165212	45.0000	44.3	80.00- 120.00	100.00
2.779	2.779 (0.649)		66	80634			18.81- 78.81	48.81
2.779	2.779 (0.649)		92	41400			0.00- 55.06	25.06
4 N-Nitrosomethylethylamine						CAS #: 10595-95-6		
2.885	2.885 (0.674)		88	69915	45.0000	43.6	80.00- 120.00	100.00
2.884	2.884 (0.673)		43	48223			38.97- 98.97	68.97
2.884	2.884 (0.674)		42	77163			80.37- 140.37	110.37
5 Methyl Methanesulfonate						CAS #: 66-27-3		
3.129	3.129 (0.731)		80	96130	45.0000	43.9	80.00- 120.00	100.00
3.129	3.129 (0.731)		79	61286			33.75- 93.75	63.75
3.130	3.130 (0.731)		65	24743			0.00- 55.74	25.74
7 N-Nitrosodiethylamine						CAS #: 55-18-5		
3.435	3.435 (0.802)		102	70757	45.0000	44.3	80.00- 120.00	100.00
3.435	3.435 (0.802)		42	59853			54.59- 114.59	84.59
3.435	3.435 (0.802)		57	35357			19.97- 79.97	49.97
8 Ethyl Methanesulfonate						CAS #: 62-50-0		
3.680	3.680 (0.860)		79	117556	45.0000	43.8	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	TARGET RANGE	RATIO
	8 Ethyl Methanesulfonate (continued)							
3.681	3.681 (0.860)		109	68309			28.11- 88.11	58.11
3.681	3.681 (0.860)		97	24165			0.00- 50.56	20.56
	12 Pentachloroethane					CAS #: 76-01-7		
4.036	4.036 (0.942)		167	66788	45.0000	45.6	80.00- 120.00	100.00
4.035	4.035 (0.942)		117	57495			56.09- 116.09	86.09
4.035	4.035 (0.942)		130	25669			8.43- 68.43	38.43
*	18 1,4-Dichlorobenzene-d4					CAS #: 3855-82-1		
4.282	4.282 (1.000)		152	96150	40.0000		80.00- 120.00	100.00
4.282	4.282 (1.000)		115	60726			33.16- 93.16	63.16
4.282	4.282 (1.000)		150	152994			129.12- 189.12	159.12
	24 N-Nitrosopyrrolidine					CAS #: 930-55-2		
4.659	4.659 (1.088)		100	77440	45.0000	45.1	80.00- 120.00	100.00
4.659	4.659 (1.088)		41	70476			61.01- 121.01	91.01
4.660	4.660 (1.088)		42	65776			54.94- 114.94	84.94
	25 Acetophenone					CAS #: 98-86-2		
4.662	4.662 (0.855)		105	221404	45.0000	45.7	80.00- 120.00	100.00
4.661	4.661 (0.855)		77	200967			60.77- 120.77	90.77
4.661	4.661 (0.855)		51	66006			0.00- 59.81	29.81
	27 N-Nitrosomorpholine					CAS #: 59-89-2		
4.674	4.674 (1.091)		56	95260	45.0000	43.7	80.00- 120.00	100.00
4.674	4.674 (1.091)		116	31647			3.22- 63.22	33.22
4.674	4.674 (1.091)		86	49255			21.71- 81.71	51.71
	29 o-Toluidine					CAS #: 95-53-4		
4.703	4.703 (1.098)		106	229759	45.0000	45.6	80.00- 120.00	100.00
4.703	4.703 (1.098)		77	49749			0.00- 51.65	21.65
4.703	4.703 (1.098)		107	169884			43.94- 103.94	73.94
	33 N-Nitrosopiperidine					CAS #: 100-75-4		
4.954	4.954 (0.909)		114	67456	45.0000	45.2	80.00- 120.00	100.00
4.953	4.953 (0.909)		42	97177			114.06- 174.06	144.06
4.954	4.954 (0.909)		55	51287			46.03- 106.03	76.03
	37 o,o,o-Triethylphosphorothioate					CAS #: 126-68-1		
5.249	5.249 (1.226)		198	83920	45.0000	45.4	80.00- 120.00	100.00
5.248	5.248 (1.226)		97	68680			51.84- 111.84	81.84
5.248	5.248 (1.226)		65	55243			35.83- 95.83	65.83
	39 a,a-Dimethylphenethylamine					CAS #: 122-09-8		
5.297	5.297 (0.972)		58	340075	45.0000	43.4	80.00- 120.00	100.00
5.297	5.297 (0.972)		91	57448			0.00- 46.89	16.89
5.296	5.296 (0.972)		65	29832			0.00- 38.77	8.77
*	43 Naphthalene-d8					CAS #: 1146-65-2		
5.450	5.450 (1.000)		136	322115	40.0000		80.00- 120.00	100.00
5.450	5.450 (1.000)		68	23319			0.00- 37.24	7.24

RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
46 2,6-Dichlorophenol						CAS #: 87-65-0		
5.548	5.548	(1.018)	162	124181	45.0000	47.2	80.00- 120.00	100.00
5.547	5.547	(1.018)	63	84271			37.86- 97.86	67.86
5.548	5.548	(1.018)	98	33218			0.00- 56.75	26.75
47 Hexachloropropene						CAS #: 1888-71-7		
5.583	5.583	(1.024)	213	129732	45.0000	51.3	80.00- 120.00	100.00
5.583	5.583	(1.024)	215	82891			33.89- 93.89	63.89
5.582	5.582	(1.024)	117	32322			0.00- 54.91	24.91
49 N-Nitrosodi-n-butylamine						CAS #: 924-16-3		
5.876	5.876	(1.078)	84	116395	45.0000	44.8	80.00- 120.00	100.00
5.876	5.876	(1.078)	57	83253			41.53- 101.53	71.53
5.875	5.875	(1.078)	41	70512			30.58- 90.58	60.58
52 Isosafrole						CAS #: 120-58-1		
6.050	6.050	(1.110)	162	110627	45.0000	46.0	80.00- 120.00	100.00
6.050	6.050	(1.110)	104	78034			40.54- 100.54	70.54
6.050	6.050	(1.110)	131	54713			19.46- 79.46	49.46
56 1,2,4,5-Tetrachlorobenzene						CAS #: 95-94-3		
6.327	6.327	(0.884)	216	156470	45.0000	44.9	80.00- 120.00	100.00
6.327	6.327	(0.884)	214	123963			49.22- 109.22	79.22
6.326	6.326	(0.884)	108	31413			0.00- 50.08	20.08
60 Safrole						CAS #: 94-59-7		
6.543	6.543	(1.201)	162	92833	45.0000	44.1	80.00- 120.00	100.00
6.543	6.543	(1.201)	104	58953			33.50- 93.50	63.50
6.543	6.543	(1.201)	77	34253			6.90- 66.90	36.90
64 1,4-Naphthoquinone						CAS #: 130-15-4		
6.768	6.768	(0.946)	158	101656	45.0000	46.4	80.00- 120.00	100.00
6.768	6.768	(0.946)	102	88389			56.95- 116.95	86.95
6.768	6.768	(0.946)	130	48391			17.60- 77.60	47.60
66 1,3-Dinitrobenzene						CAS #: 99-65-0		
6.945	6.945	(0.971)	168	51308	45.0000	46.6	80.00- 120.00	100.00
6.945	6.945	(0.971)	75	61883			90.61- 150.61	120.61
6.945	6.945	(0.971)	50	47748			63.06- 123.06	93.06
* 70 Acenaphthene-d10						CAS #: 15067-26-2		
7.153	7.153	(1.000)	164	210571	40.0000		80.00- 120.00	100.00
7.153	7.153	(1.000)	162	200169			65.06- 125.06	95.06
7.153	7.153	(1.000)	160	88800			12.17- 72.17	42.17
73 Pentachlorobenzene						CAS #: 608-93-5		
7.362	7.362	(1.029)	250	144691	45.0000	45.1	80.00- 120.00	100.00
7.362	7.362	(1.029)	252	91803			33.45- 93.45	63.45
7.361	7.361	(1.029)	108	40883			0.00- 58.26	28.26
77 1-Naphthylamine						CAS #: 134-32-7		
7.420	7.420	(1.037)	143	256156	45.0000	44.4	80.00- 120.00	100.00
7.420	7.420	(1.037)	115	137281			23.59- 83.59	53.59

RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	TARGET RANGE	RATIO
77 1-Naphthylamine (continued)								
7.420	7.420 (1.037)		89	25230			0.00- 39.85	9.85
78 2,3,4,6-Tetrachlorophenol						CAS #: 58-90-2		
7.501	7.501 (1.049)		232	87645	45.0000	48.6	80.00- 120.00	100.00
7.500	7.500 (1.049)		168	25414			0.00- 59.00	29.00
7.500	7.500 (1.049)		131	40867			16.63- 76.63	46.63
79 2-Naphthylamine						CAS #: 91-59-8		
7.491	7.491 (1.047)		143	293460	45.0000	45.2	80.00- 120.00	100.00
7.491	7.491 (1.047)		115	158058			23.86- 83.86	53.86
7.491	7.491 (1.047)		116	67771			0.00- 53.09	23.09
83 5-Nitro-ortho-toluidine						CAS #: 99-55-8		
7.717	7.717 (1.079)		152	92088	45.0000	47.6	80.00- 120.00	100.00
7.717	7.717 (1.079)		106	70168			46.20- 106.20	76.20
7.717	7.717 (1.079)		77	101229			79.93- 139.93	109.93
90 1,3,5-Trinitrobenzene						CAS #: 99-35-4		
8.100	8.100 (1.132)		75	200012	45.0000	43.6	80.00- 120.00	100.00
8.100	8.100 (1.132)		74	120514			30.25- 90.25	60.25
8.101	8.101 (1.132)		213	76850			8.42- 68.42	38.42
89 Diallate						CAS #: 2303-16-4		
8.117	8.117 (1.135)		86	165221	45.0000	46.6	80.00- 120.00	100.00(M)
8.117	8.117 (1.135)		43	180484			79.24- 139.24	109.24
8.117	8.117 (1.135)		234	75090			15.45- 75.45	45.45
92 Phenacetin						CAS #: 62-44-2		
8.138	8.138 (0.947)		109	188674	45.0000	47.2	80.00- 120.00	100.00
8.138	8.138 (0.947)		108	185351			68.24- 128.24	98.24
8.138	8.138 (0.947)		179	97360			21.60- 81.60	51.60
91 p-Phenylenediamine						CAS #: 106-50-3		
8.138	8.138 (0.947)		108	185351	45.0000	47.5	80.00- 120.00	100.00
8.138	8.138 (0.947)		80	39419			0.00- 51.27	21.27
8.138	8.138 (0.947)		53	24968			0.00- 43.47	13.47
97 Pentachloronitrobenzene						CAS #: 82-68-8		
8.545	8.545 (0.995)		237	56876	45.0000	47.8	80.00- 120.00	100.00
8.545	8.545 (0.995)		295	20114			5.36- 65.36	35.36
8.544	8.544 (0.995)		142	35899			33.12- 93.12	63.12
98 4-Aminobiphenyl						CAS #: 92-67-1		
8.412	8.412 (0.979)		169	343918	45.0000	46.5	80.00- 120.00	100.00
8.411	8.411 (0.979)		168	74380			0.00- 51.63	21.63
8.411	8.411 (0.979)		115	39923			0.00- 41.61	11.61
99 Pronamide						CAS #: 23950-58-5		
8.508	8.508 (0.991)		173	166480	45.0000	47.1	80.00- 120.00	100.00
8.509	8.509 (0.991)		175	110771			36.54- 96.54	66.54
8.508	8.508 (0.991)		145	60186			6.15- 66.15	36.15

RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
* 100 Phenanthrene-d10							CAS #: 1517-22-2	
8.590	8.590	(1.000)	188	371004	40.0000		80.00- 120.00	100.00
8.589	8.589	(1.000)	94	37537			0.00- 40.12	10.12
8.589	8.589	(1.000)	80	41317			0.00- 41.14	11.14
102 Dinoseb							CAS #: 88-85-7	
8.650	8.650	(1.007)	211	90517	45.0000	45.0	80.00- 120.00	100.00
8.650	8.650	(1.007)	163	39900			14.08- 74.08	44.08
8.649	8.649	(1.007)	117	25312			0.00- 57.96	27.96
106 4-Nitroquinoline-1-oxide							CAS #: 56-57-5	
9.383	9.383	(1.092)	174	6303	45.0000	48.0	80.00- 120.00	100.00(M)
9.383	9.383	(1.092)	128	10804			141.41- 201.41	171.41
9.391	9.391	(1.093)	101	17276			244.09- 304.09	274.09
107 Methapyrilene							CAS #: 91-80-5	
9.492	9.492	(1.105)	97	33152	45.0000	9.6	80.00- 120.00	100.00
9.492	9.492	(1.105)	58	42752			98.96- 158.96	128.96
9.492	9.492	(1.105)	191	32203			67.14- 127.14	97.14
108 Isodrin							CAS #: 465-73-6	
9.651	9.651	(1.124)	193	59567	45.0000	45.0	80.00- 120.00	100.00
9.651	9.651	(1.124)	66	47385			49.55- 109.55	79.55
9.652	9.652	(1.124)	195	53652			60.07- 120.07	90.07
113 Aramite							CAS #: 140-57-8	
10.166	10.166	(0.908)	185	80934	45.0000	48.5	80.00- 120.00	100.00(M)
10.166	10.166	(0.908)	191	36845			15.52- 75.52	45.52
10.241	10.241	(0.915)	319	7844			0.00- 39.69	9.69
114 p-Dimethylamino azobenzene							CAS #: 60-11-7	
10.317	10.317	(0.922)	225	126311	45.0000	46.5	80.00- 120.00	100.00
10.317	10.317	(0.922)	120	166389			101.73- 161.73	131.73
10.317	10.317	(0.922)	77	114774			60.87- 120.87	90.87
115 Chlorobenzilate							CAS #: 510-15-6	
10.370	10.370	(0.927)	251	175176	45.0000	46.2	80.00- 120.00	100.00
10.370	10.370	(0.927)	253	114971			35.63- 95.63	65.63
10.370	10.370	(0.927)	139	198358			83.23- 143.23	113.23
116 Kepone							CAS #: 143-50-0	
10.674	10.674	(0.954)	272	29482	45.0000	27.3	80.00- 120.00	100.00(M)
10.673	10.673	(0.954)	274	23003			48.02- 108.02	78.02
10.674	10.674	(0.954)	237	25883			57.79- 117.79	87.79
117 3,3-Dimethylbenzidine							CAS #: 119-93-7	
10.637	10.637	(0.951)	212	316909	45.0000	47.0	80.00- 120.00	100.00
10.636	10.636	(0.950)	106	29274			0.00- 39.24	9.24
10.637	10.637	(0.951)	180	23744			0.00- 37.49	7.49
119 2-Acetylaminofluorene							CAS #: 53-96-3	
10.903	10.903	(0.974)	181	246712	45.0000	44.6	80.00- 120.00	100.00
10.903	10.903	(0.974)	223	133897			24.27- 84.27	54.27

					AMOUNTS			
					CAL-AMT	ON-COL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/ml)	(ug/ml)	TARGET RANGE	RATIO
119 2-Acetylaminofluorene (continued)								
10.903	10.903	(0.974)	180	200971			51.46- 111.46	81.46
* 121 Chrysene-d12						CAS #: 1719-03-5		
11.191	11.191	(1.000)	240	421399	40.0000		80.00- 120.00	100.00
11.191	11.191	(1.000)	120	41984			0.00- 39.96	9.96
11.191	11.191	(1.000)	236	103661			0.00- 54.60	24.60
126 7,12-Dimethylbenz(a)anthracen						CAS #: 57-97-6		
12.188	12.188	(0.974)	256	239764	45.0000	47.0	80.00- 120.00	100.00
12.188	12.188	(0.974)	241	132915			25.44- 85.44	55.44
12.188	12.188	(0.974)	239	111810			16.63- 76.63	46.63
* 130 Perylene-d12						CAS #: 1520-96-3		
12.509	12.509	(1.000)	264	385858	40.0000		80.00- 120.00	100.00
12.509	12.509	(1.000)	260	87351			0.00- 52.64	22.64
12.508	12.508	(1.000)	265	84681			0.00- 51.95	21.95
131 3-Methylcholanthrene						CAS #: 56-49-5		
12.794	12.794	(1.023)	268	177133	45.0000	47.8	80.00- 120.00	100.00
12.794	12.794	(1.023)	252	74697			12.17- 72.17	42.17
12.794	12.794	(1.023)	253	69430			9.20- 69.20	39.20
132 Dibenz(a,j)acridine						CAS #: 224-42-0		
13.337	13.337	(1.066)	279	381089	45.0000	47.2	80.00- 120.00	100.00
13.336	13.336	(1.066)	280	87218			0.00- 52.89	22.89
13.337	13.337	(1.066)	277	56908			0.00- 44.93	14.93

QC Flag Legend

M - Compound response manually integrated.

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Sample Info: 47936
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Column phase: HPMS-5

Instrument: smsdo4.i
Operator: MJ
Column diameter: 0.25

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Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

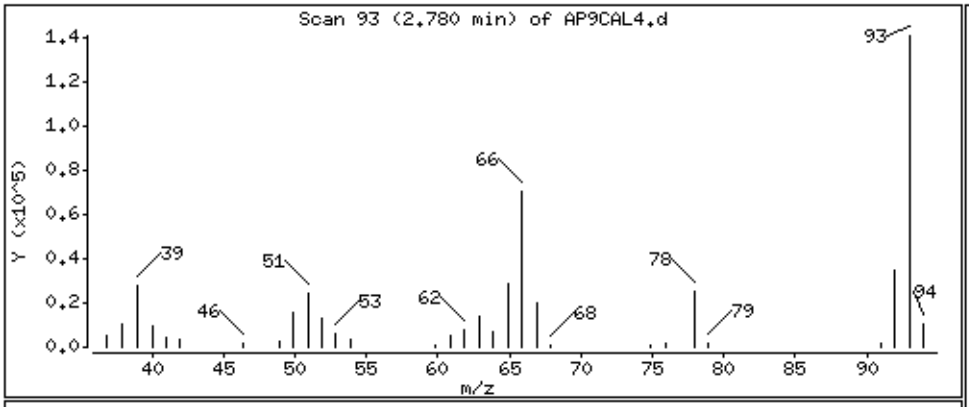
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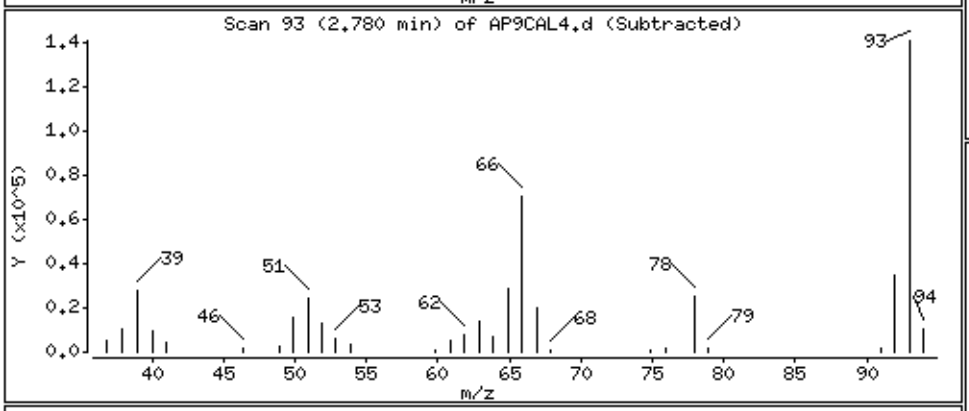
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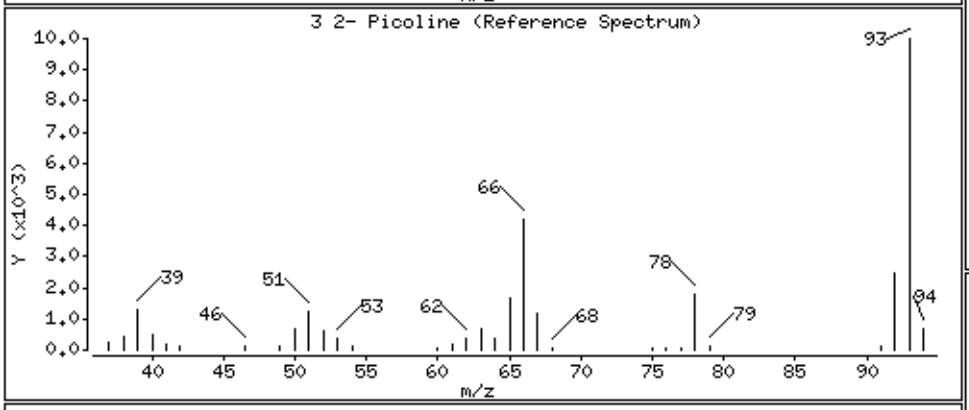
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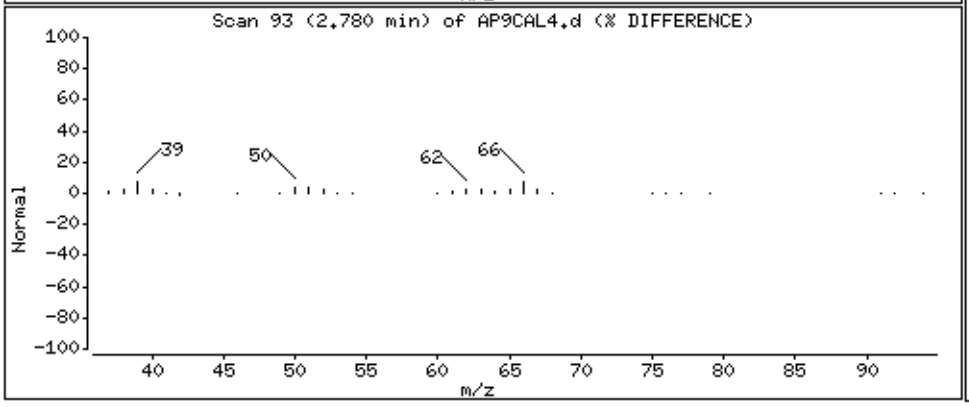
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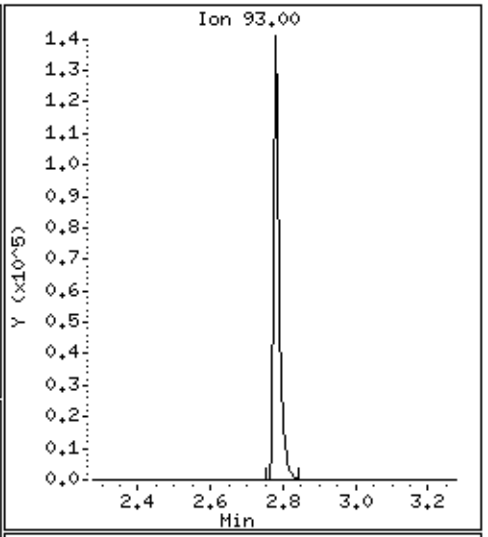
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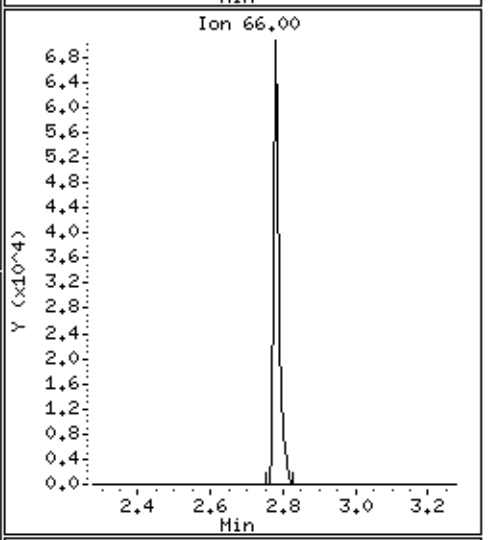


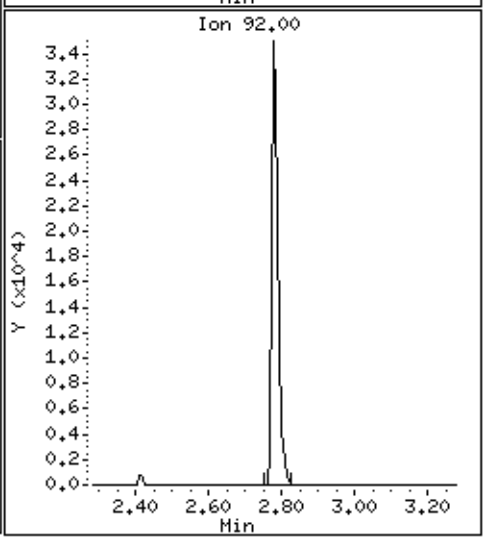












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Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

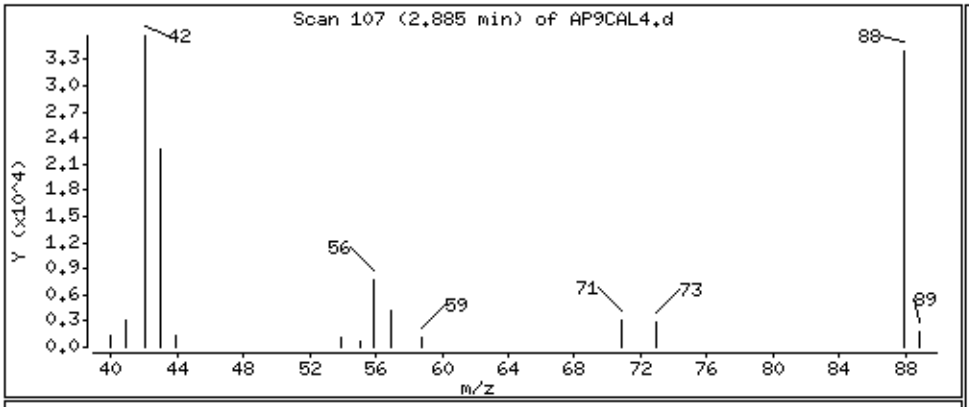
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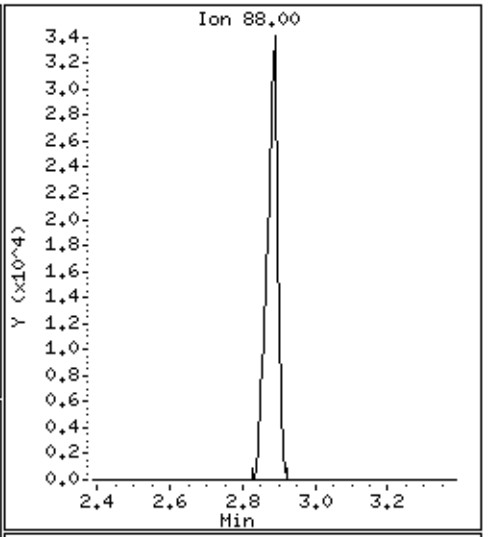
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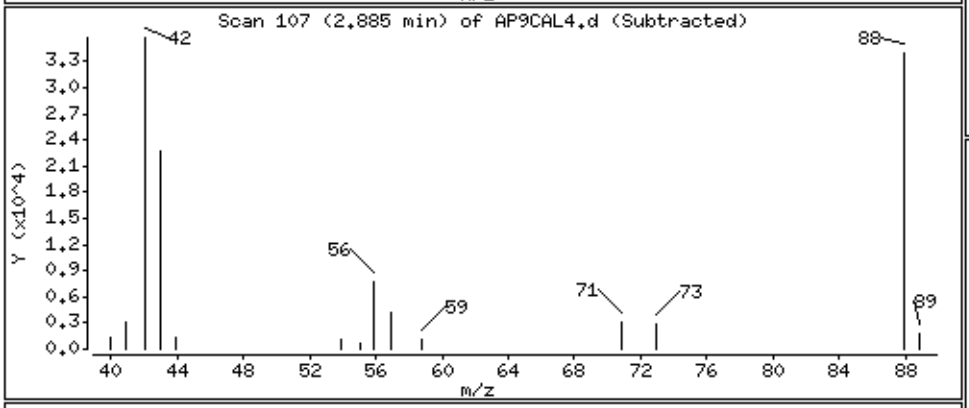
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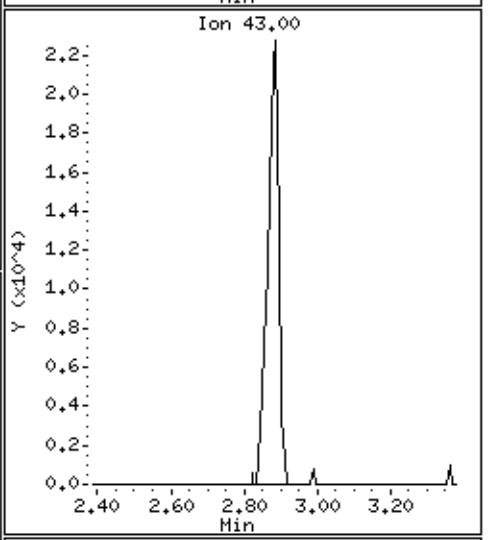
4 N-Nitrosomethylethylamine

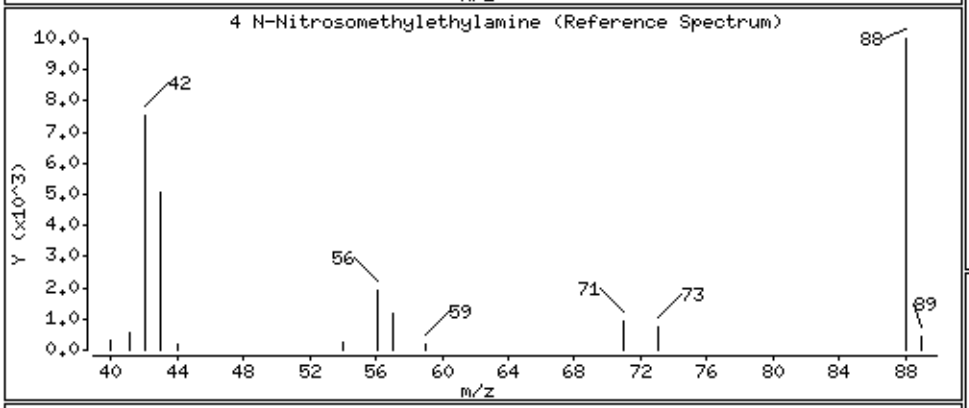
Concentration: 43.6 ug/l

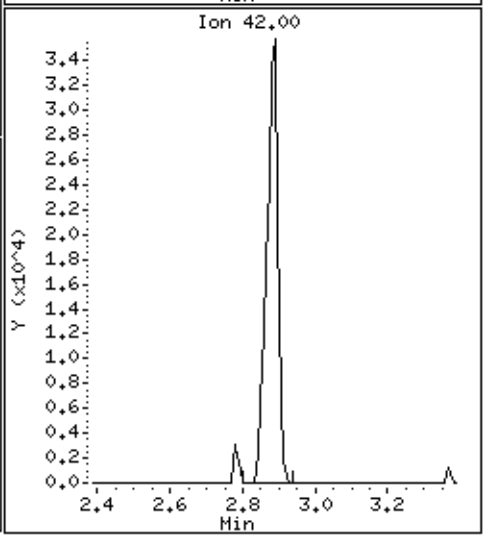


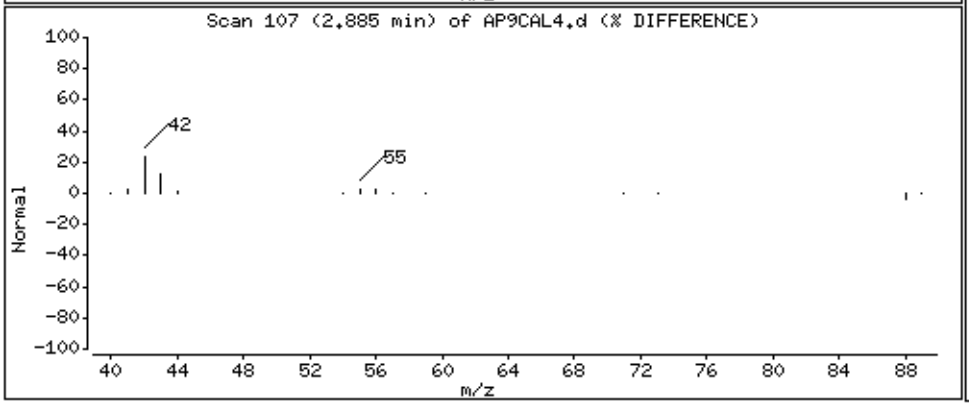












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

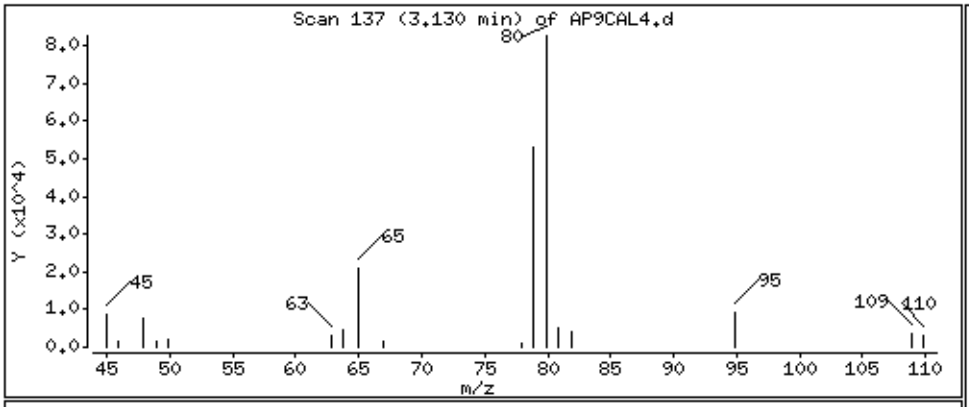
Operator: MJ

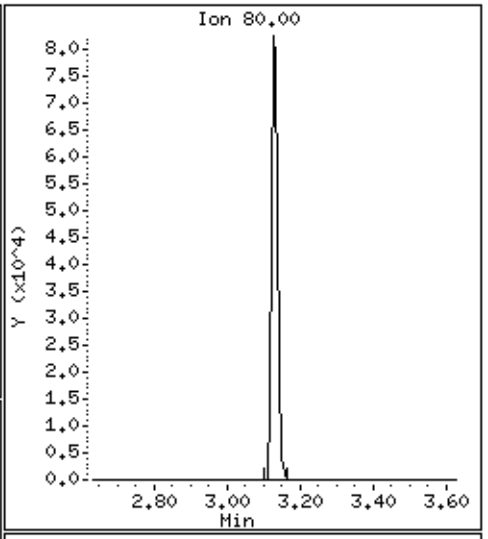
Column phase: HPMS-5

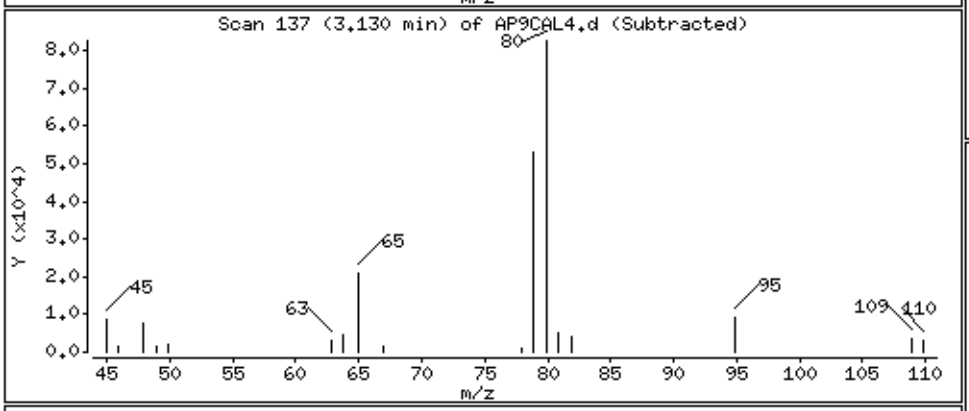
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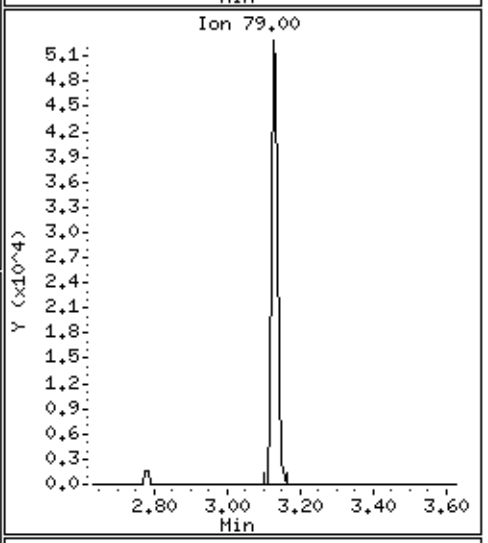
5 Methyl Methanesulfonate

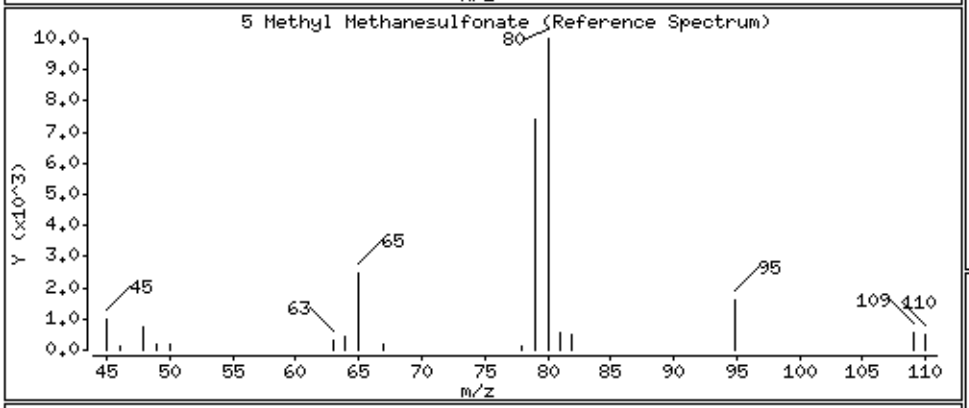
Concentration: 43.9 ug/l

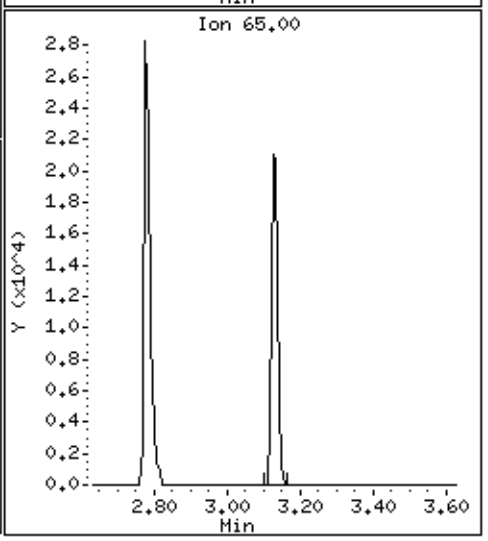


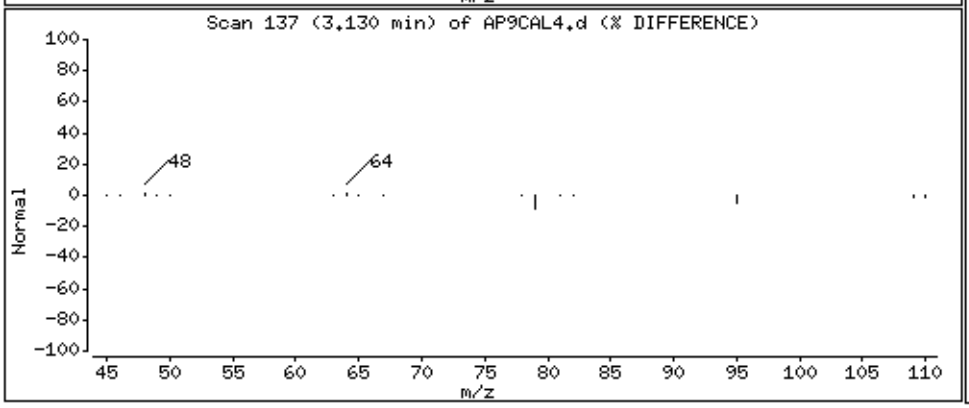












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

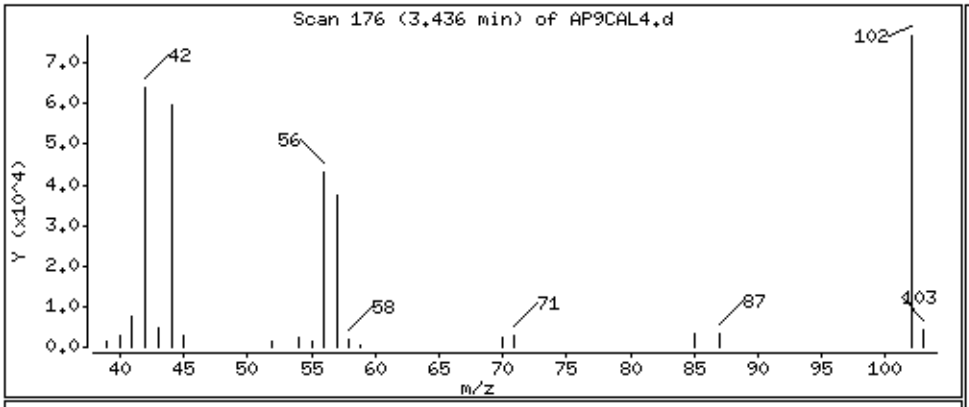
Operator: MJ

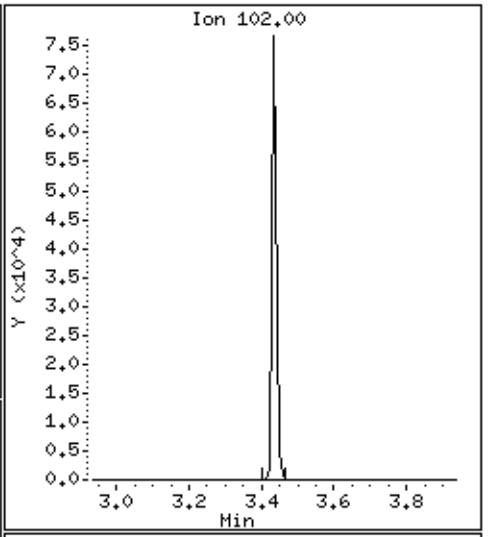
Column phase: HPMS-5

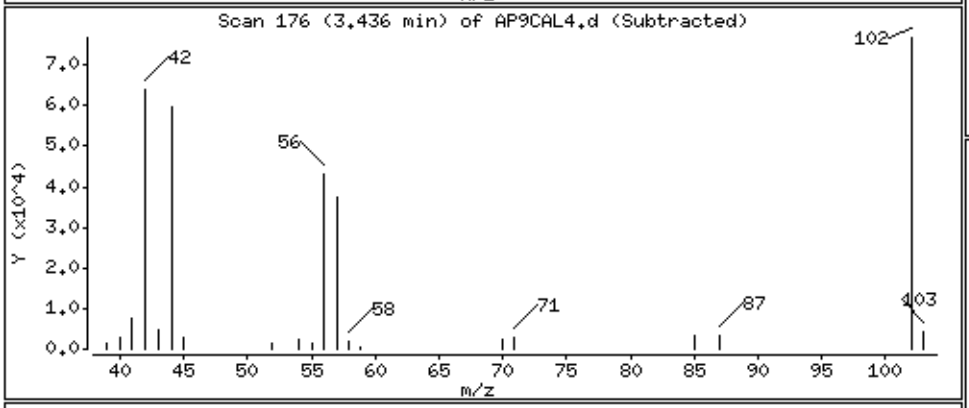
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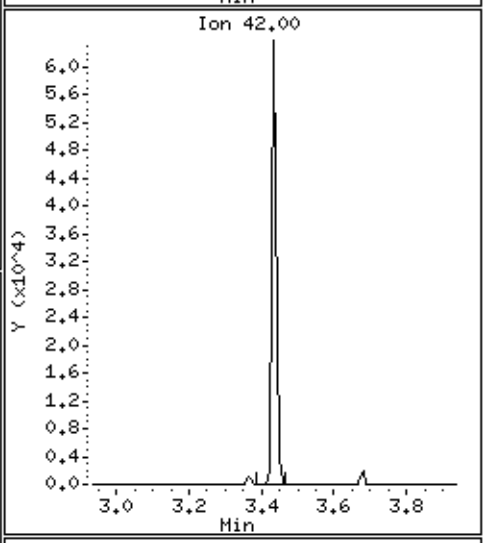
7 N-Nitrosodiethylamine

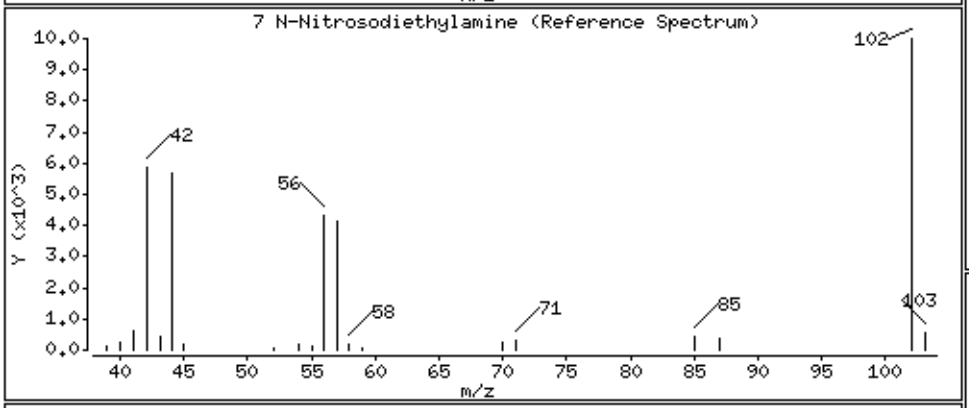
Concentration: 44.3 ug/l

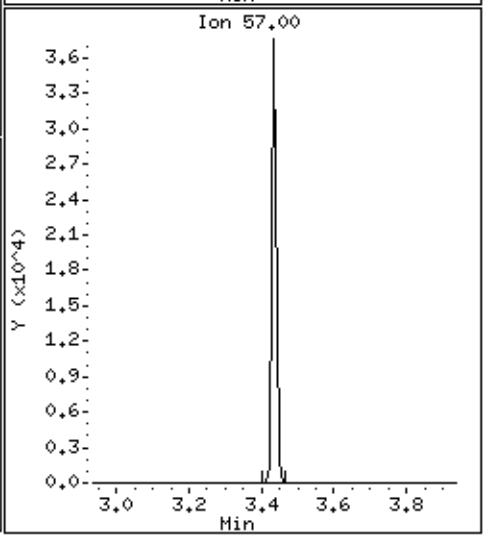


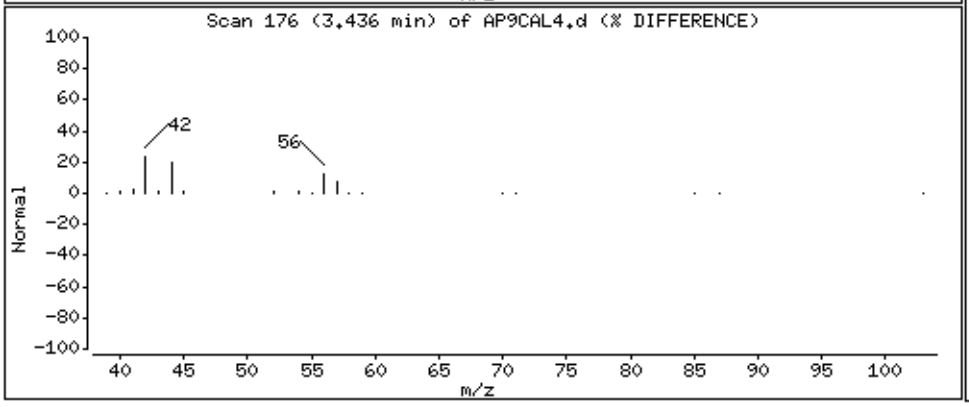












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

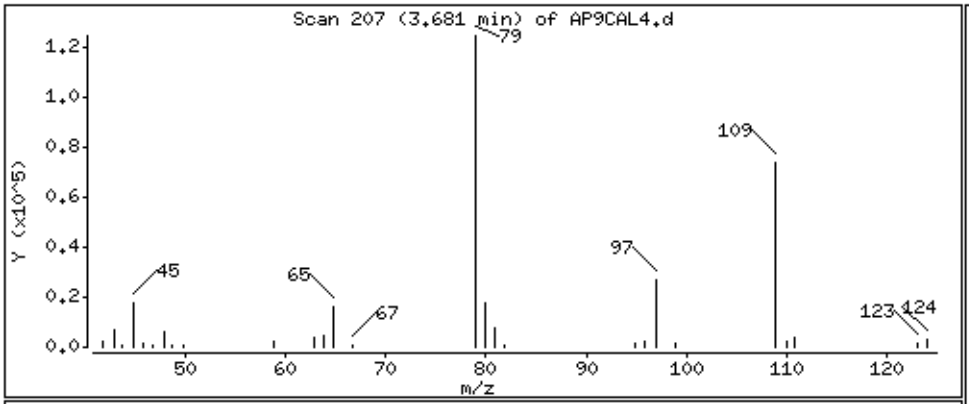
Operator: MJ

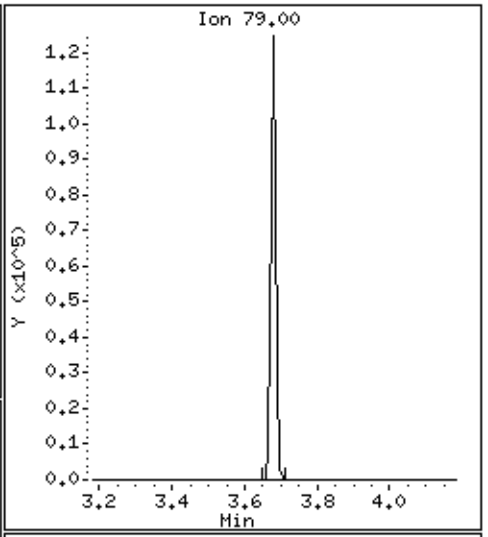
Column phase: HPMS-5

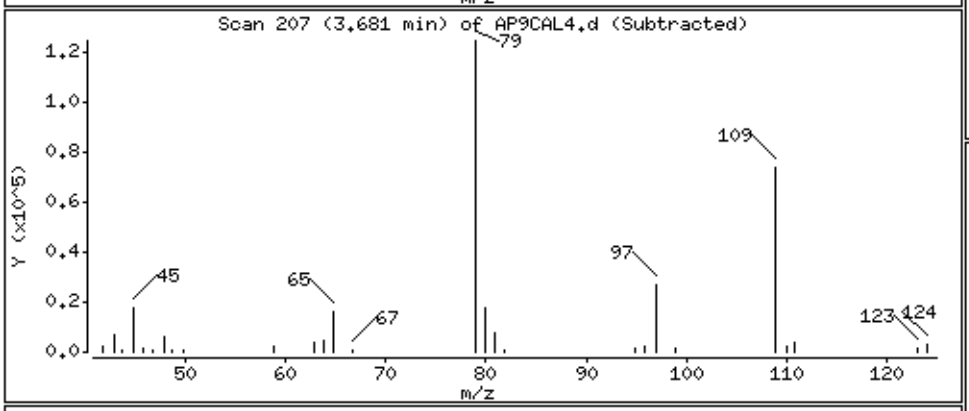
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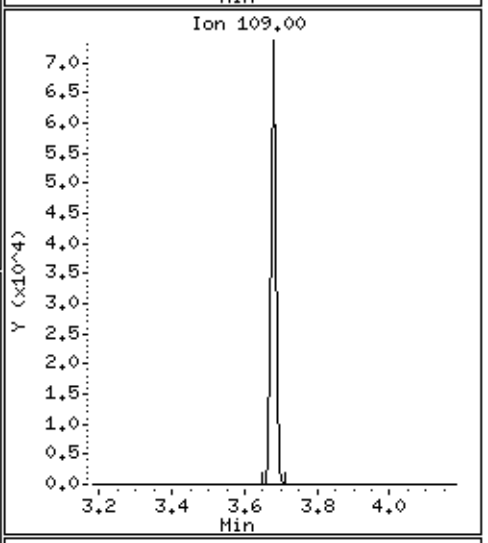
8 Ethyl Methanesulfonate

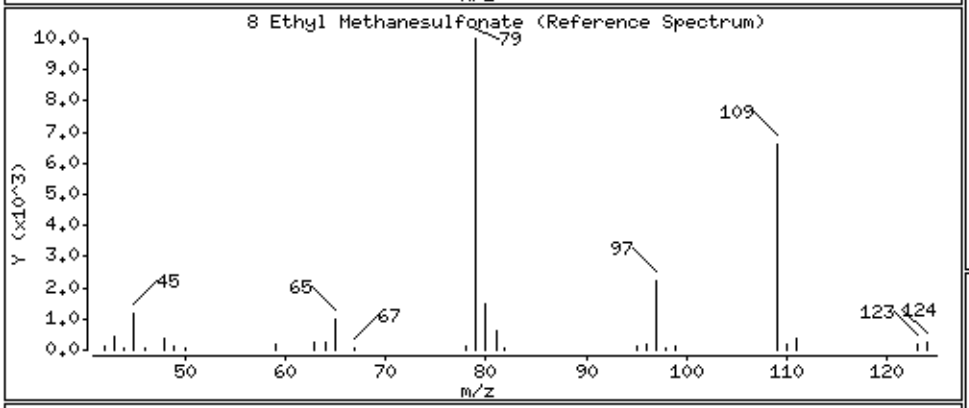
Concentration: 43.8 ug/l

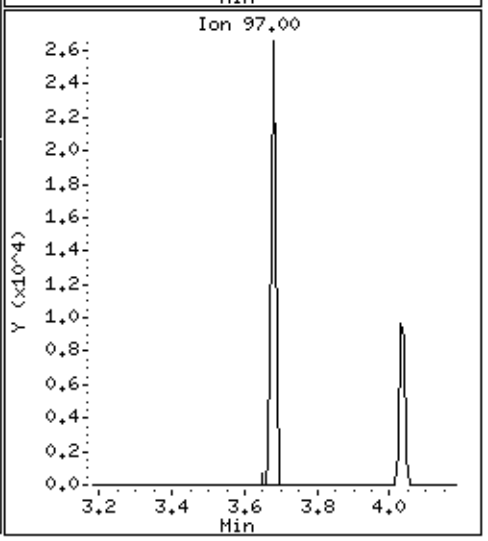


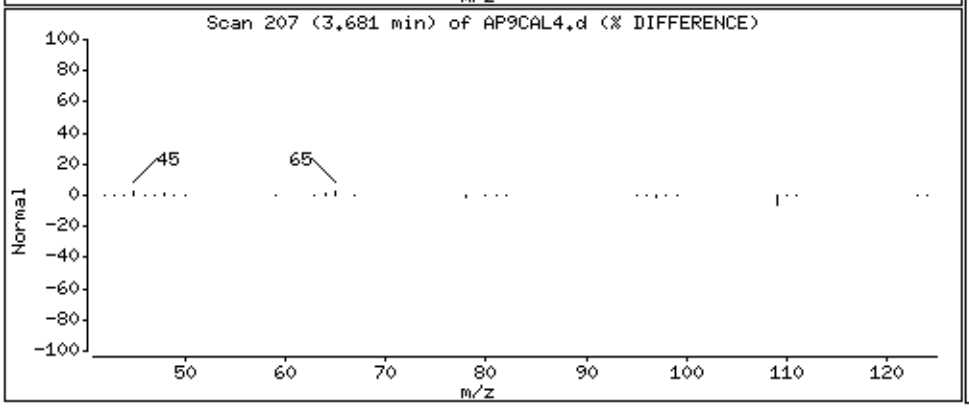












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

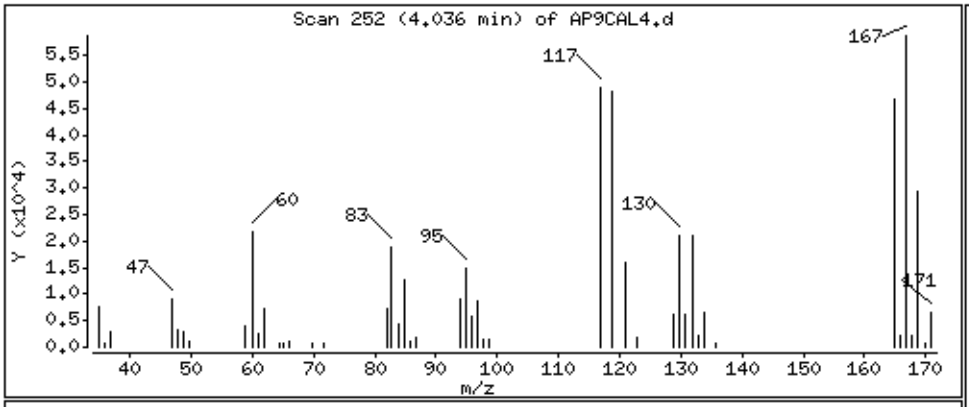
Operator: MJ

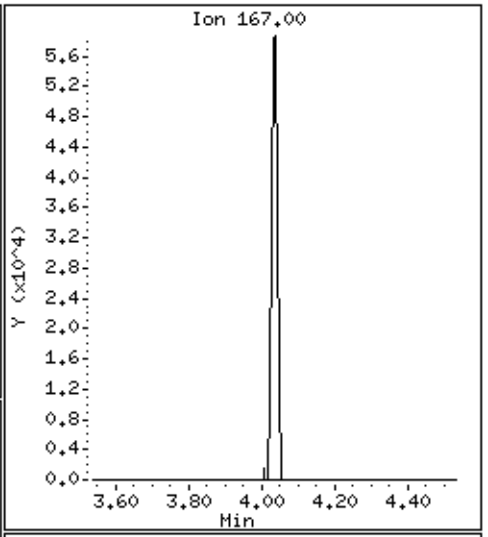
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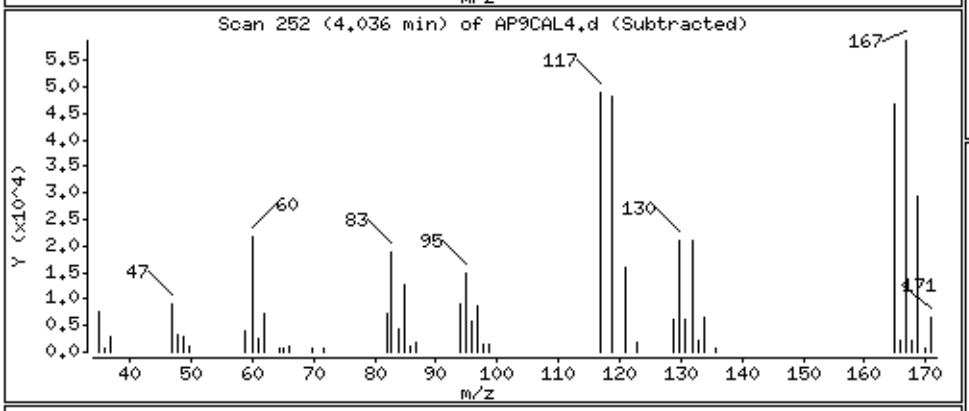
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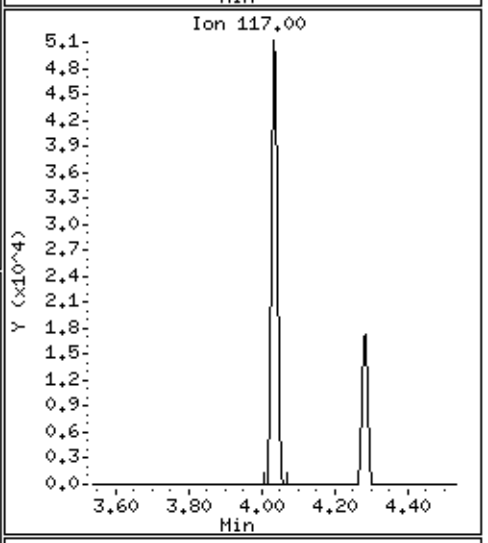
12 Pentachloroethane

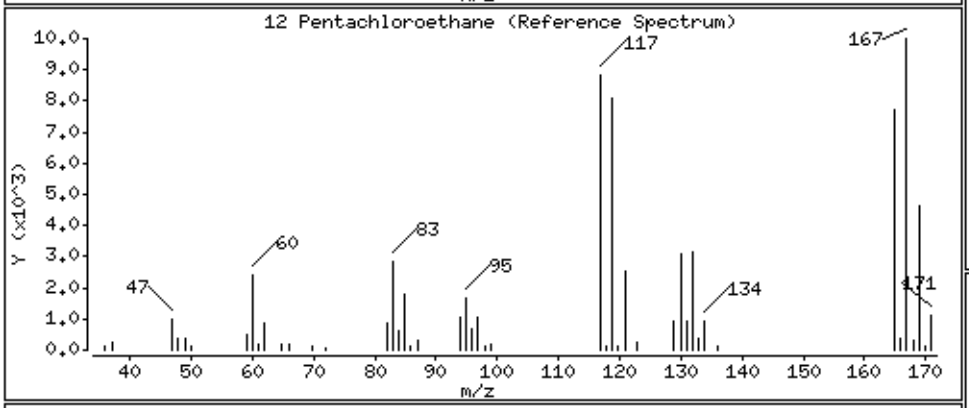
Concentration: 45.6 ug/l

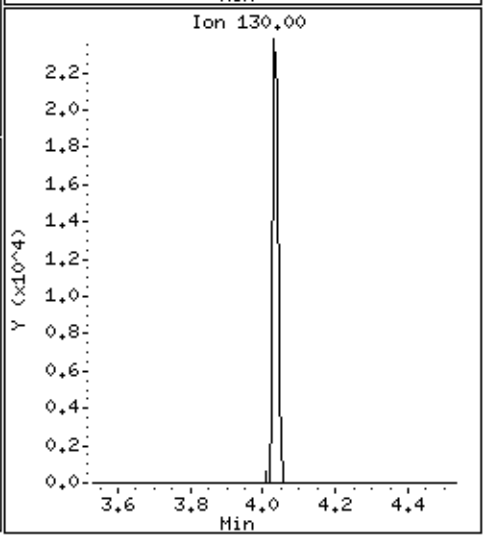


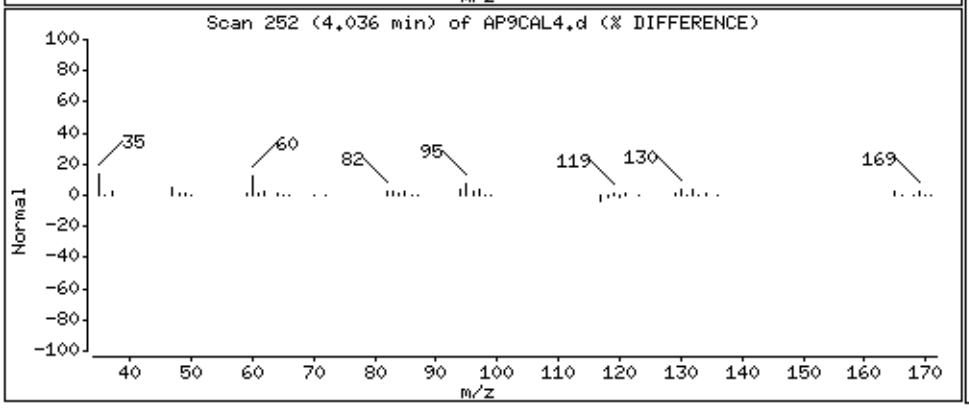












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Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

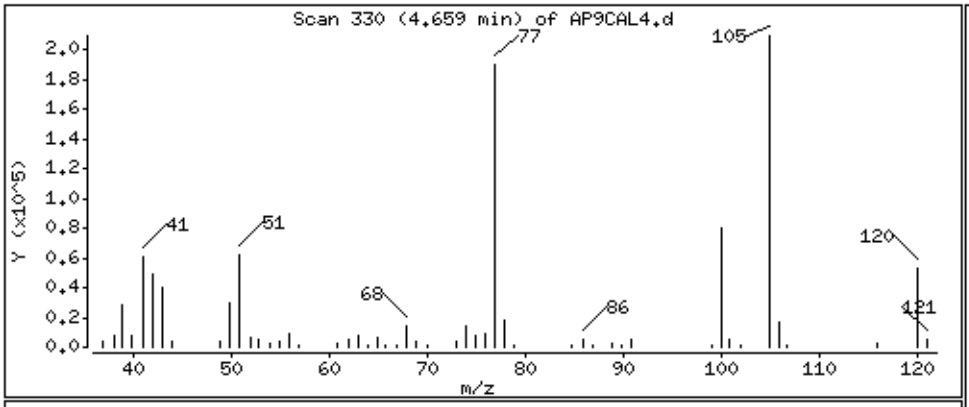
Operator: MJ

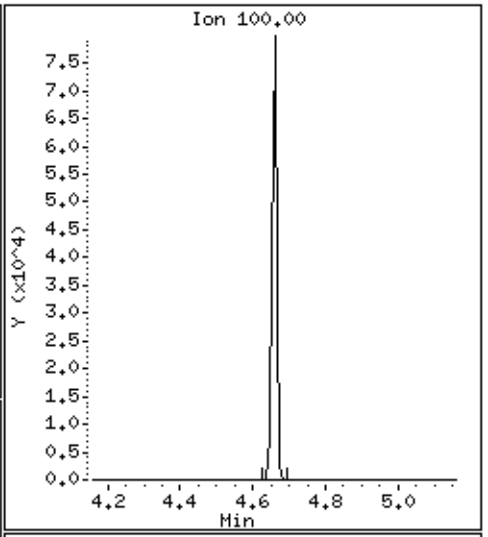
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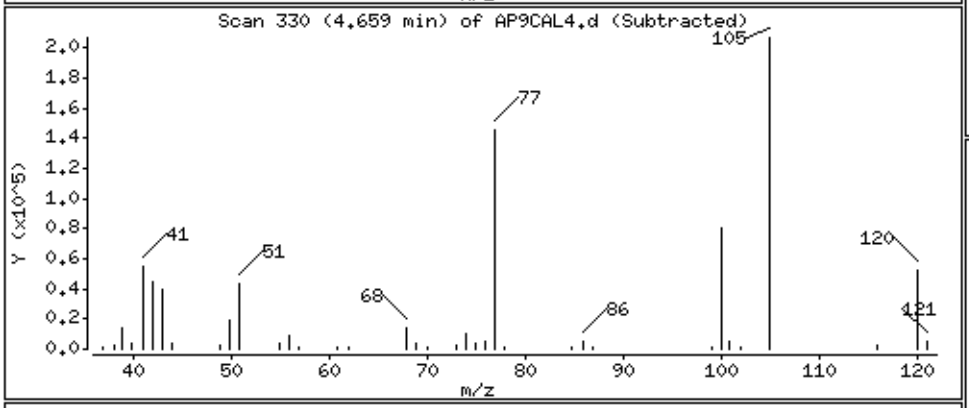
Column diameter: 0.25

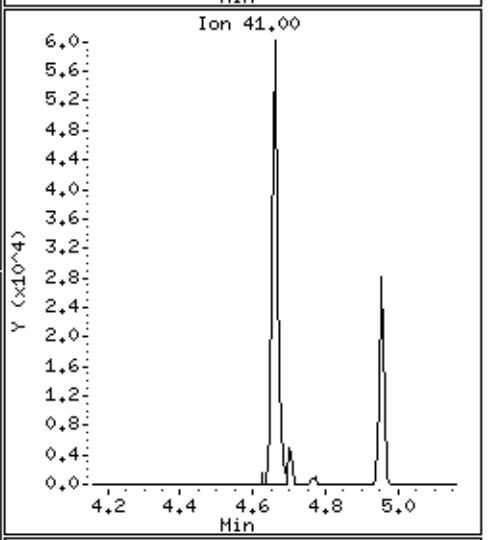
24 N-Nitrosopyrrolidine

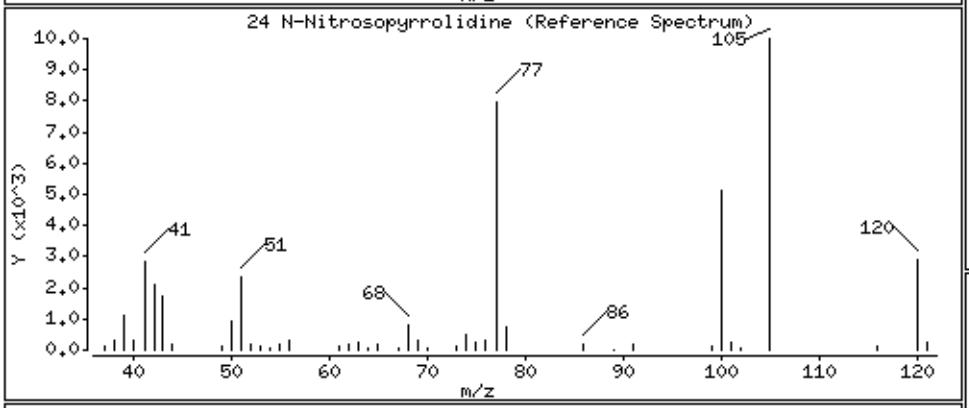
Concentration: 45.1 ug/l

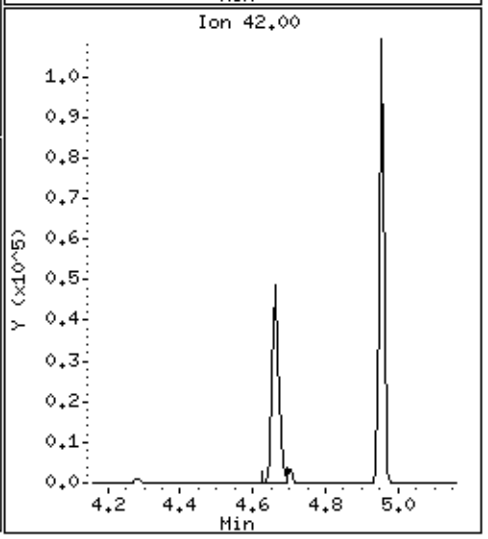


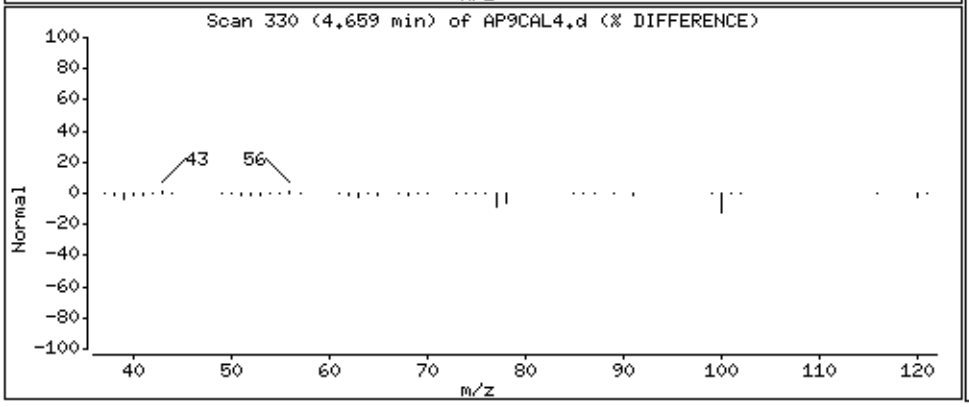












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

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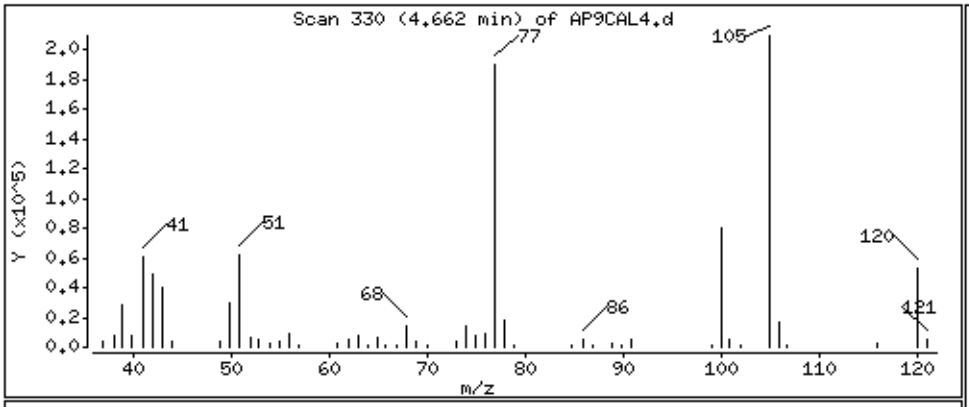
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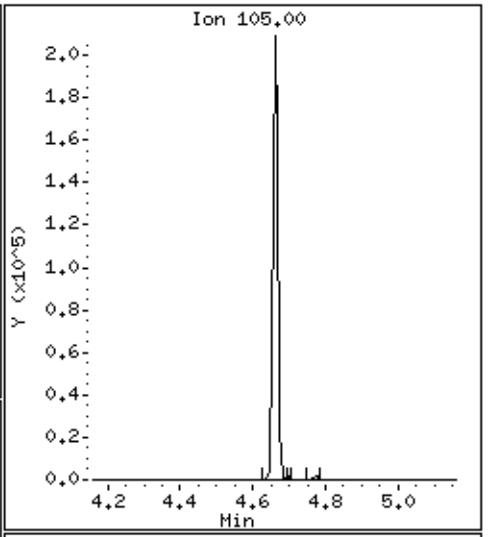
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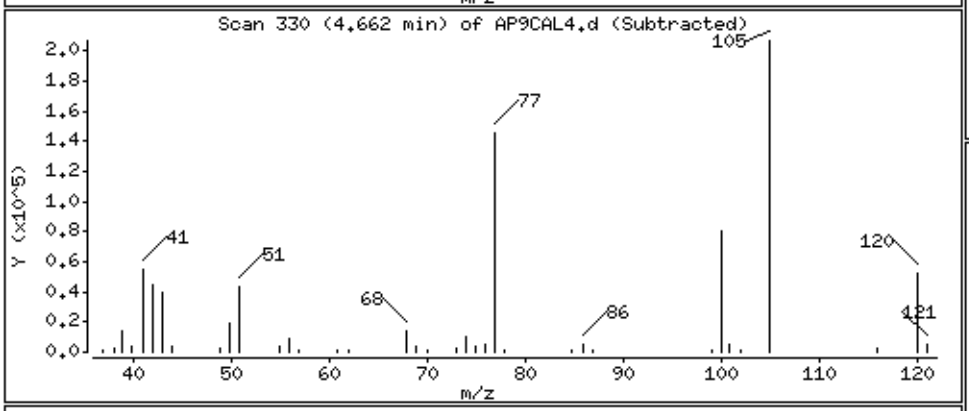
Column diameter: 0.25

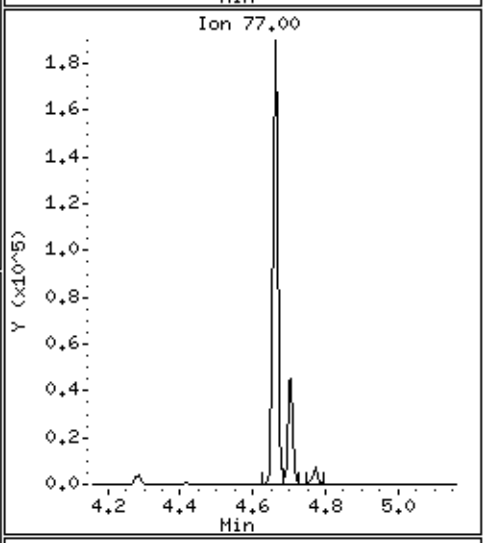
25 Acetophenone

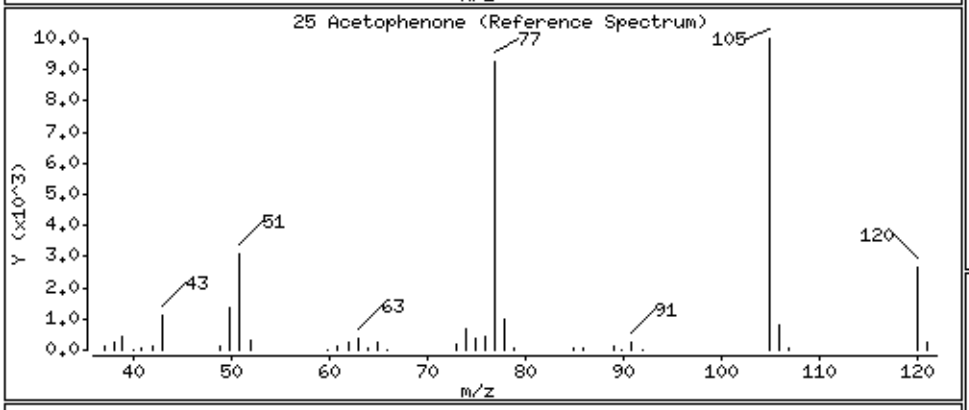
Concentration: 45.7 ug/l

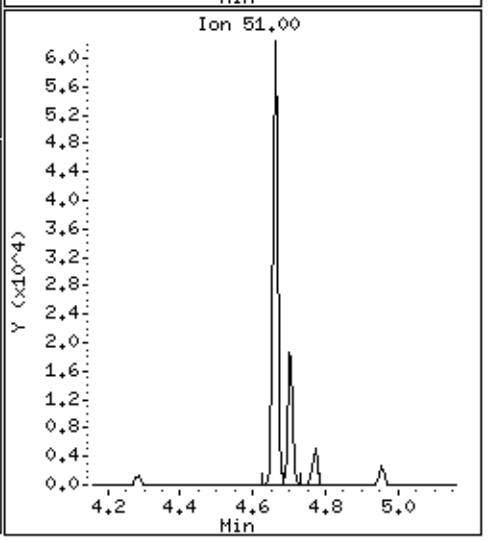


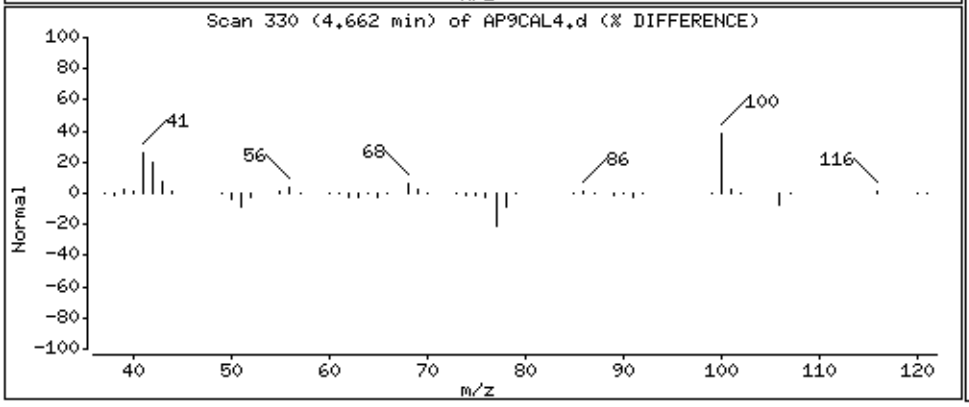












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

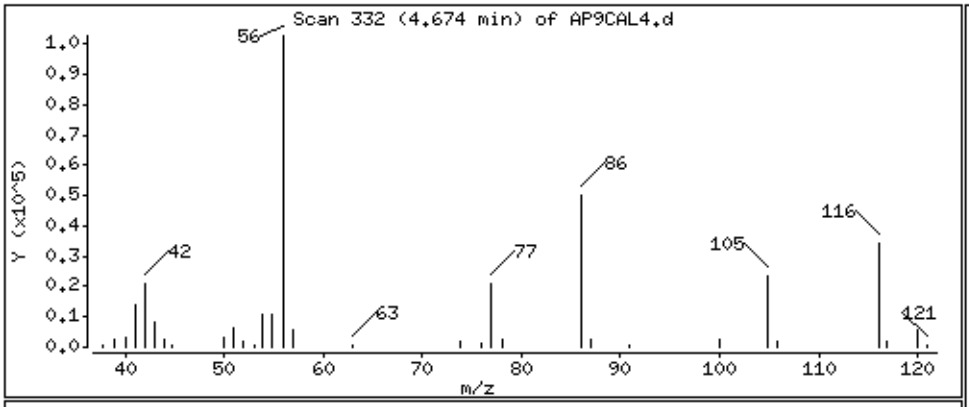
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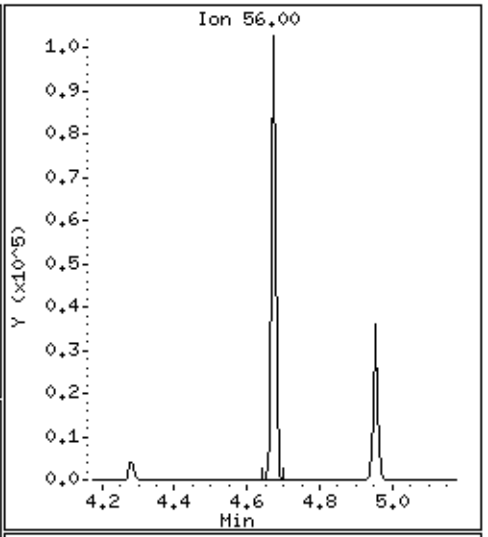
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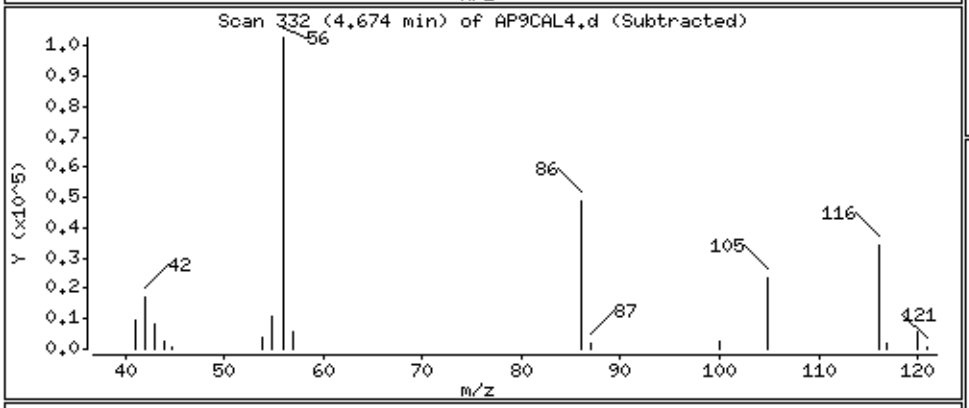
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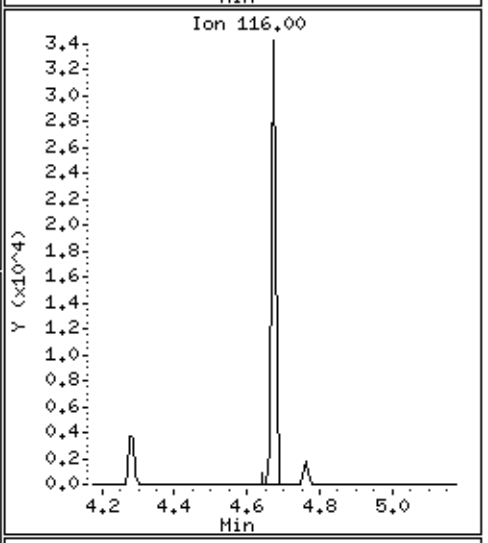
27 N-Nitrosomorpholine

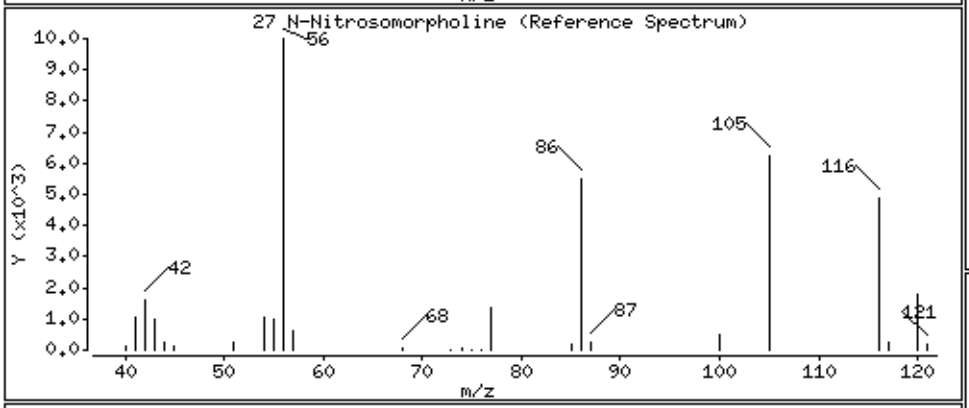
Concentration: 43.7 ug/l

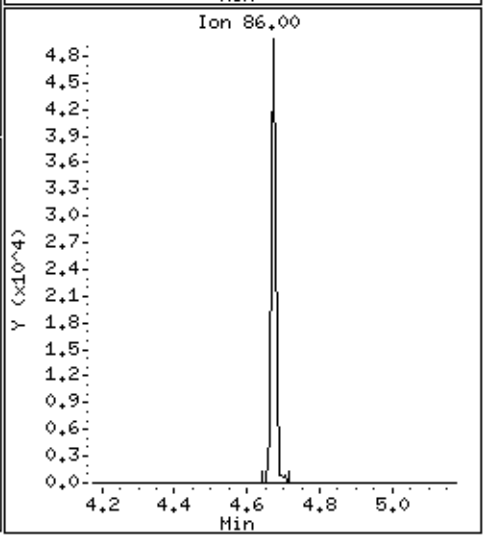


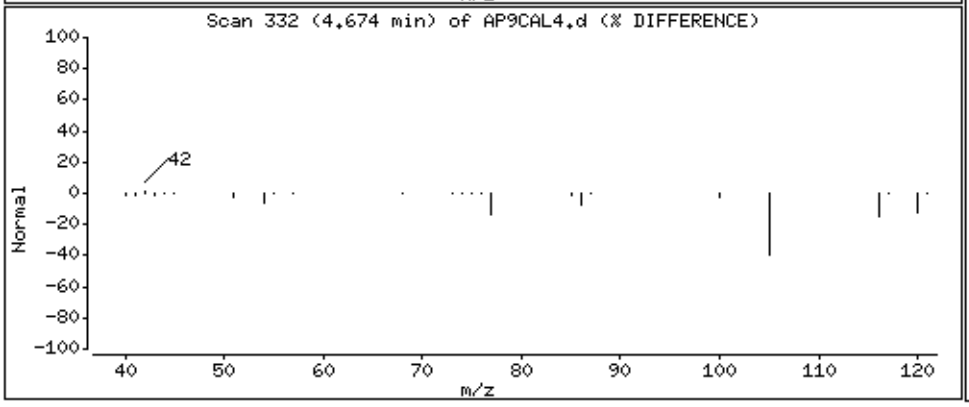












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

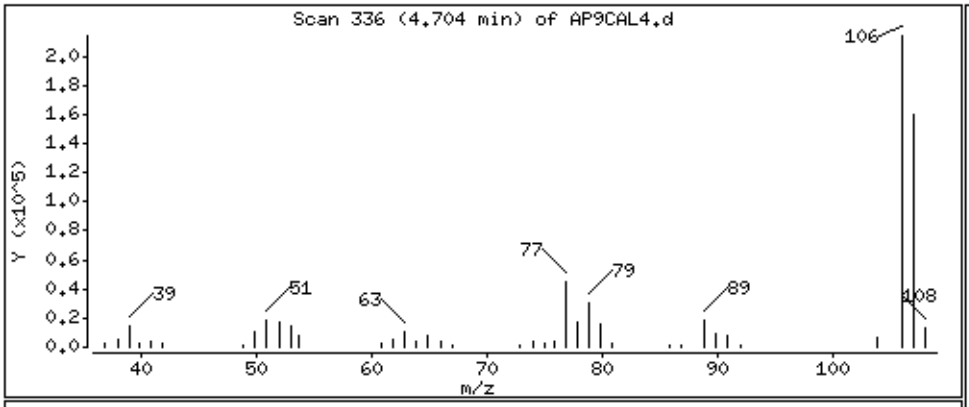
Operator: MJ

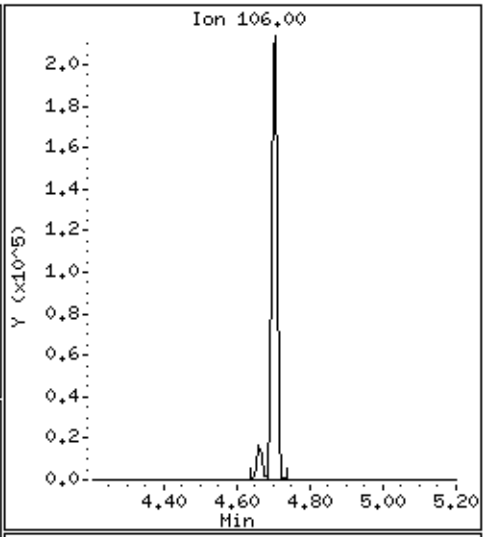
Column phase: HPMS-5

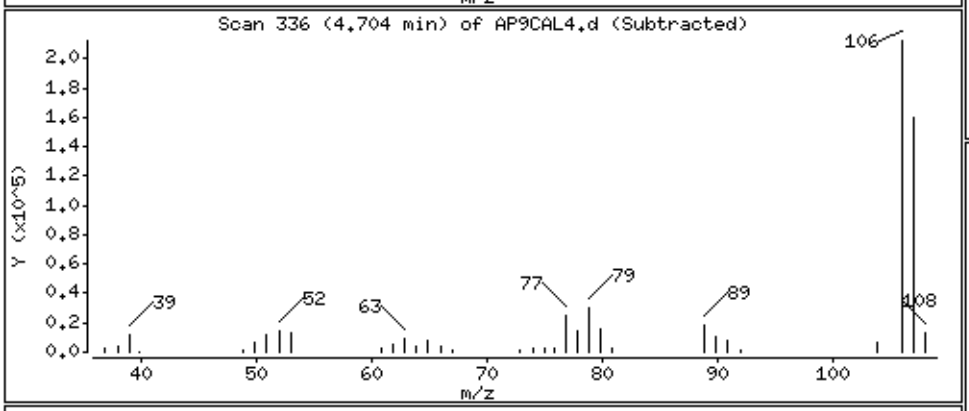
Column diameter: 0.25

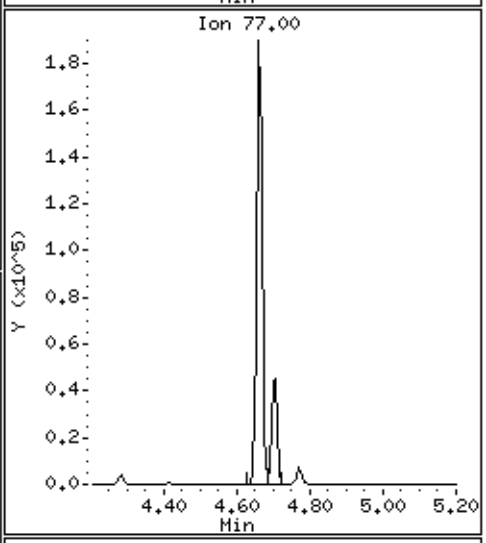
29 o-Toluidine

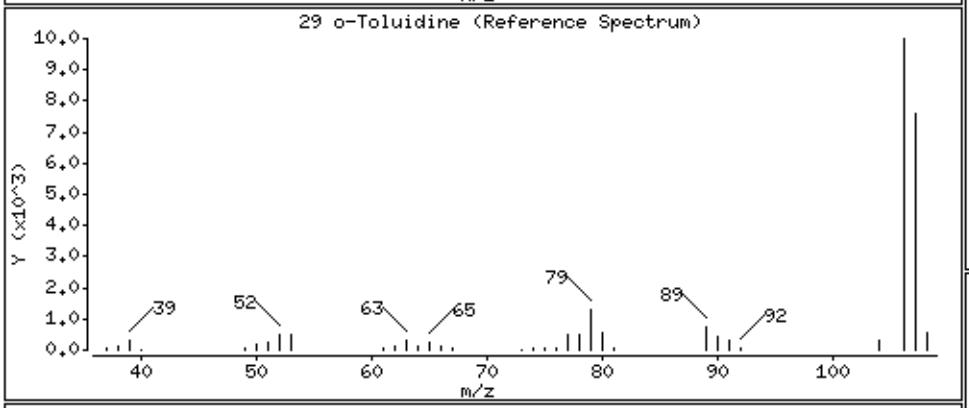
Concentration: 45.6 ug/l

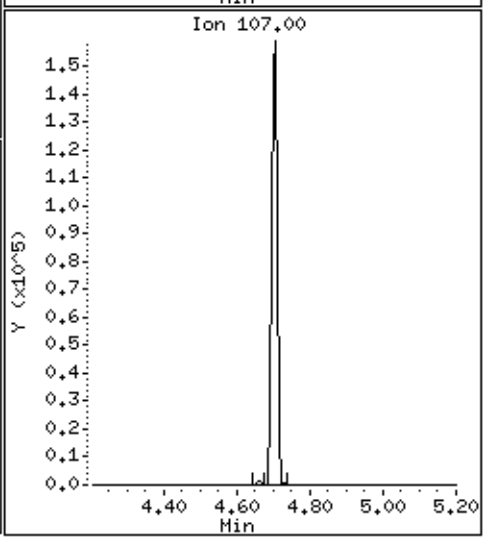


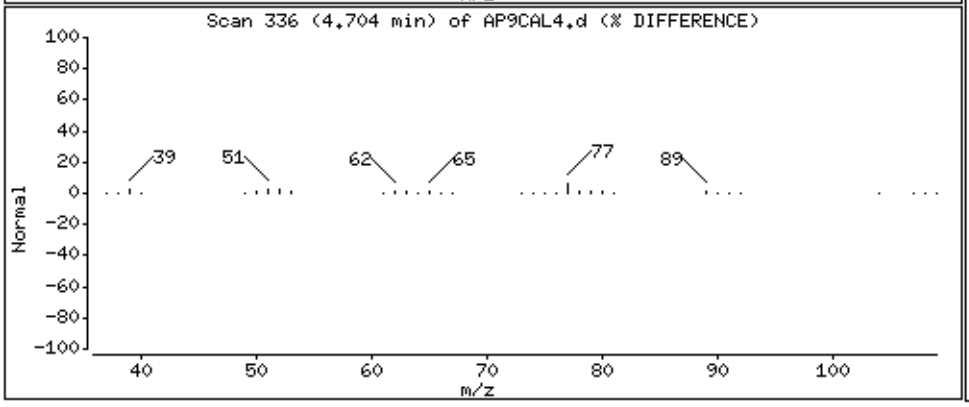












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

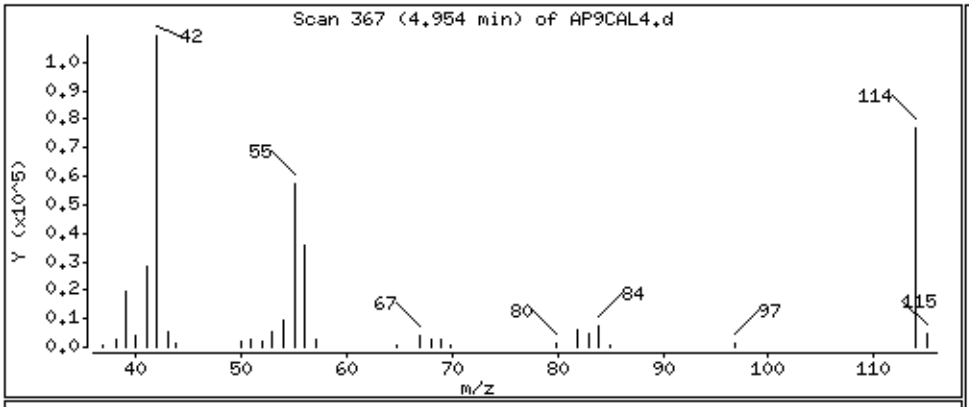
Operator: MJ

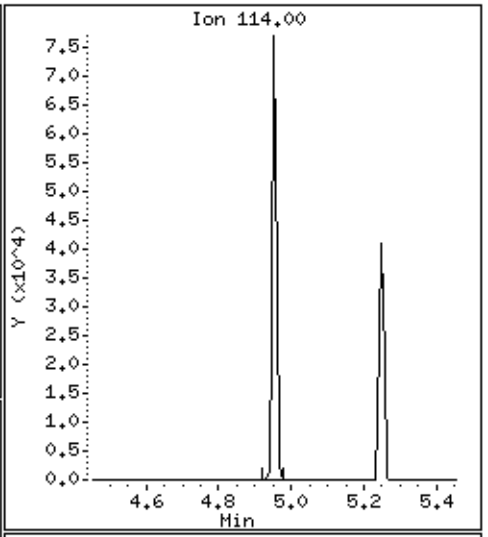
Column phase: HPMS-5

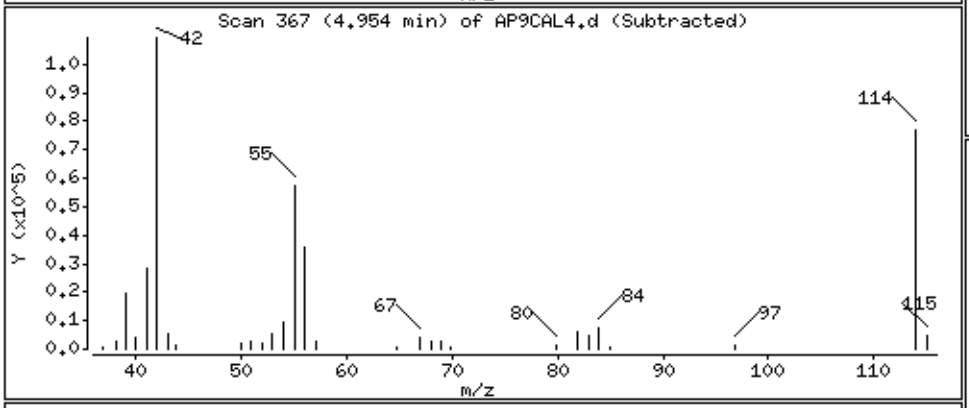
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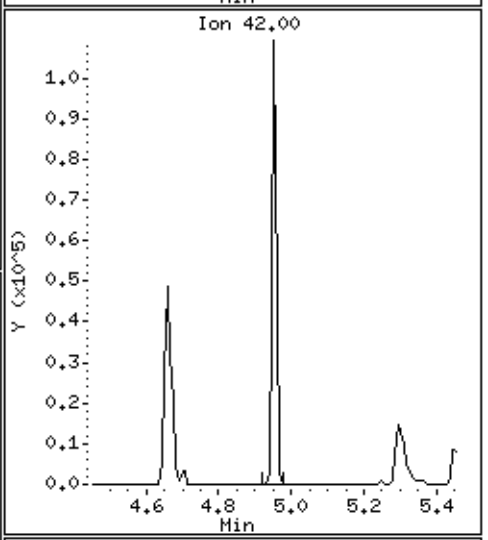
33 N-Nitrosopiperidine

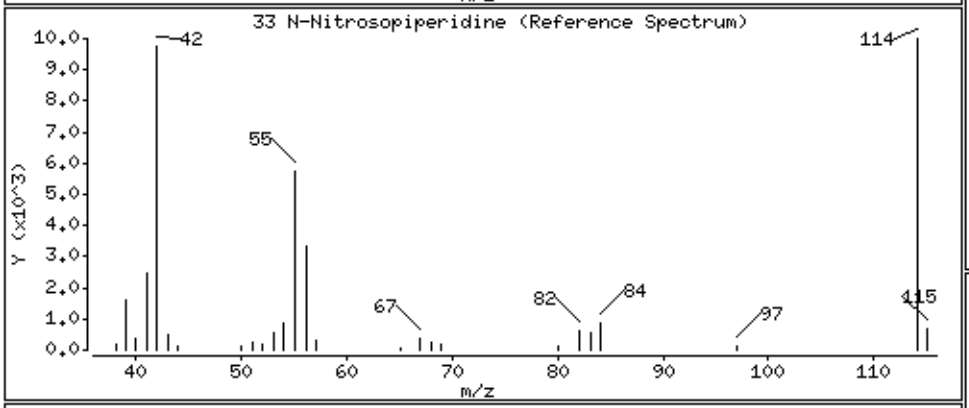
Concentration: 45.2 ug/l

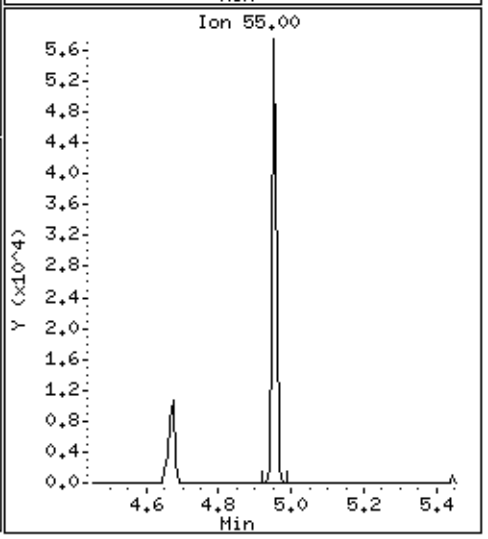


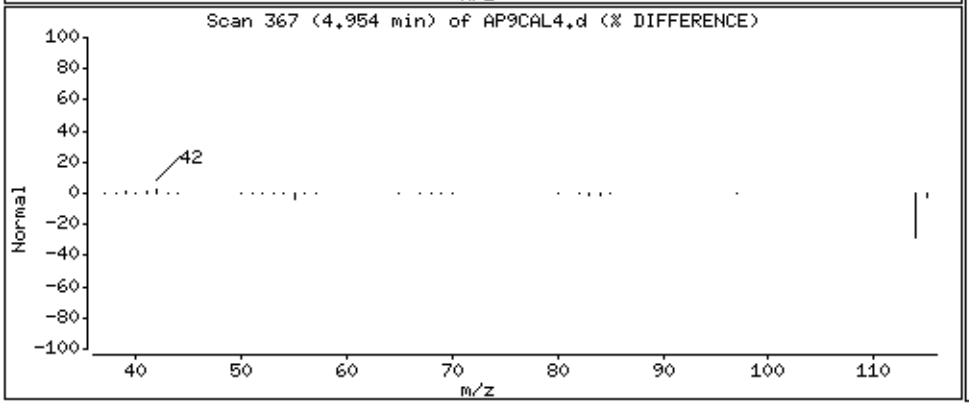












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

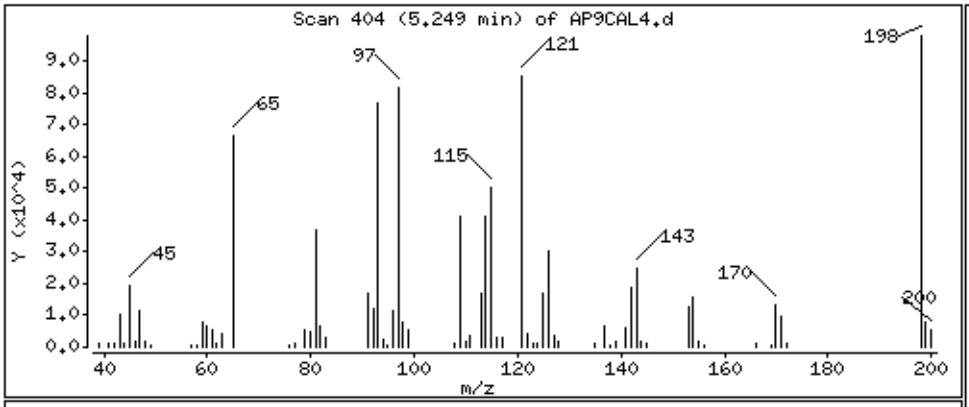
Operator: MJ

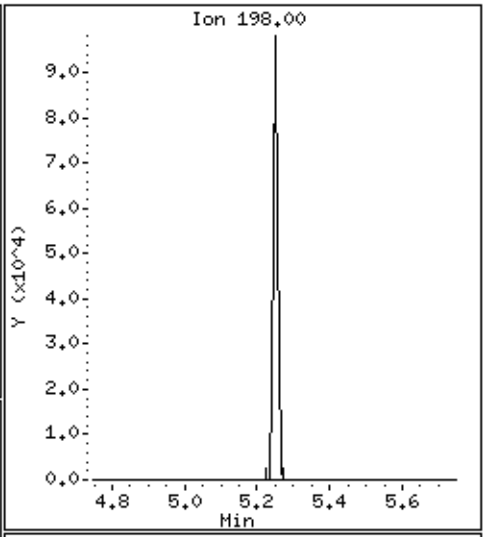
Column phase: HPMS-5

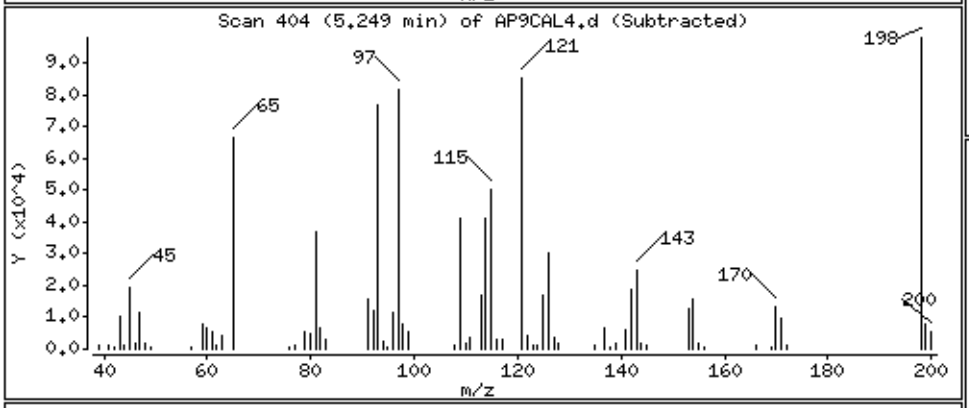
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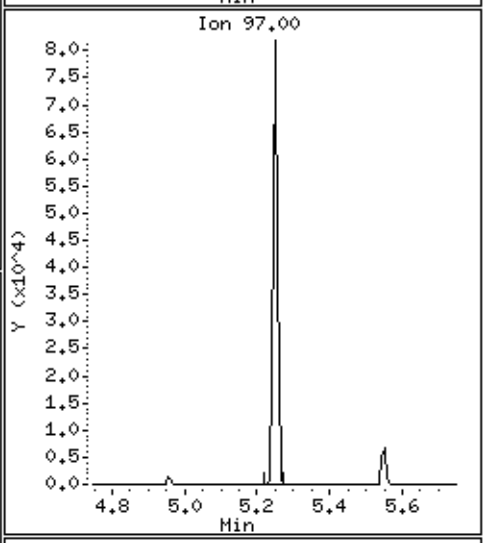
37 o,o,o-Triethylphosphorothioate

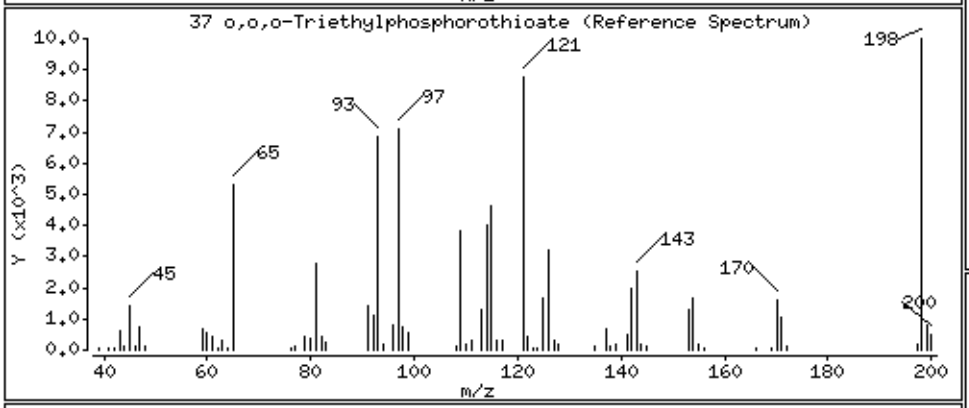
Concentration: 45.4 ug/l

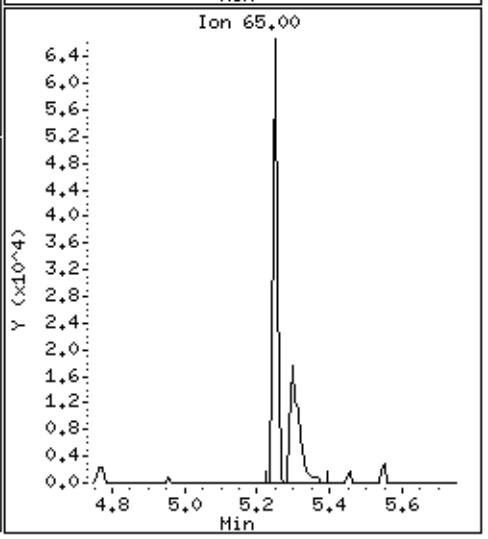


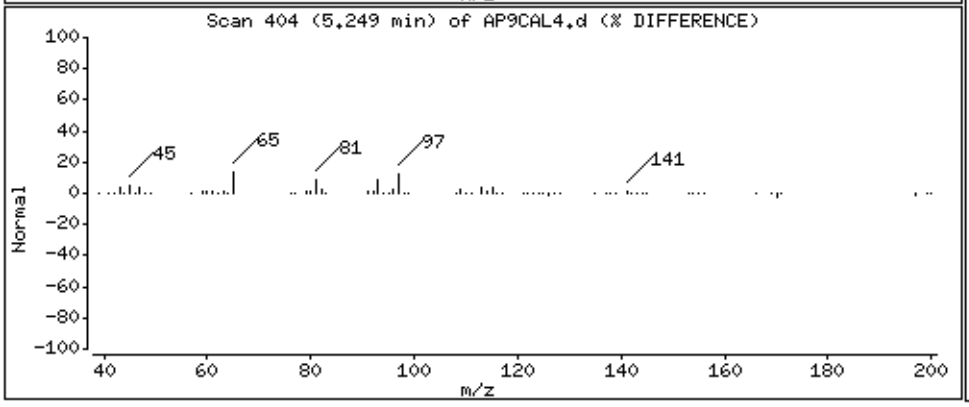












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

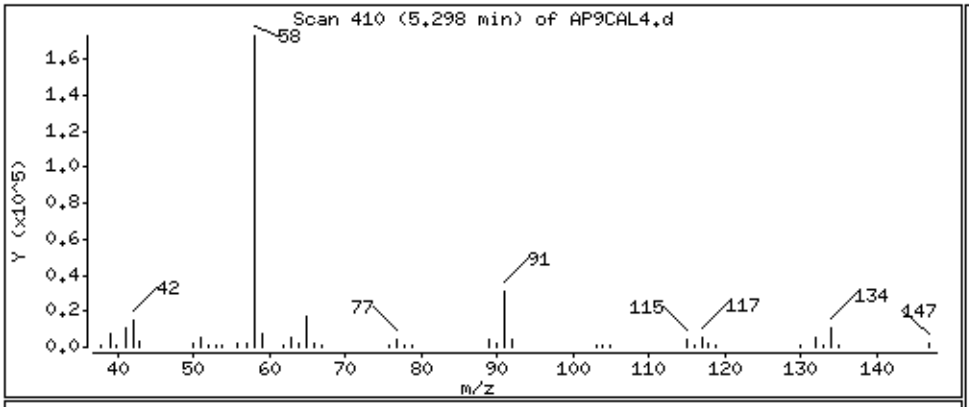
Operator: MJ

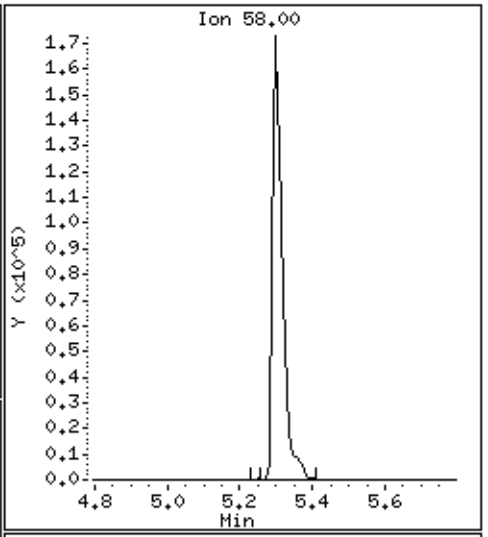
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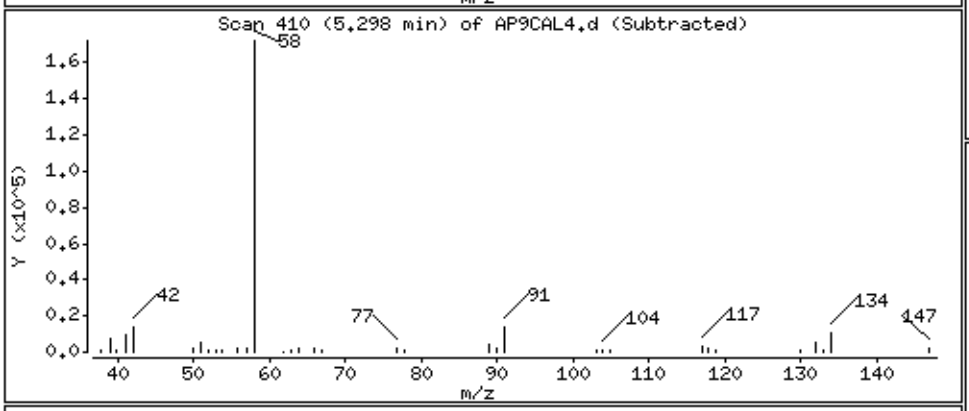
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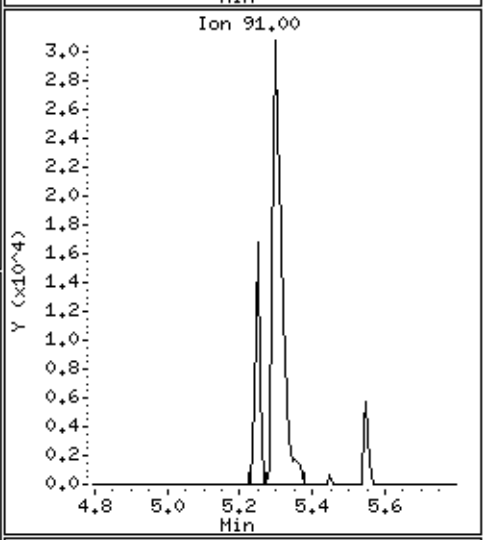
39 a,a-Dimethylphenethylamine

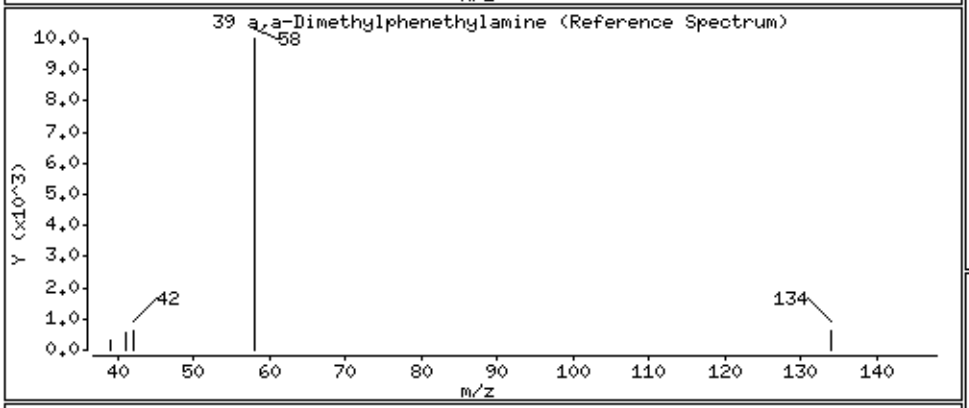
Concentration: 43.4 ug/l

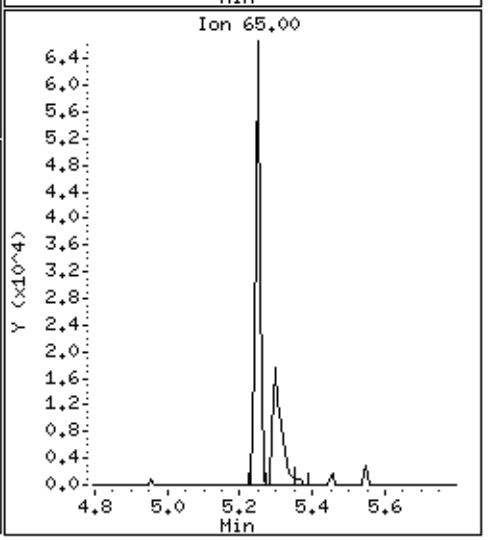


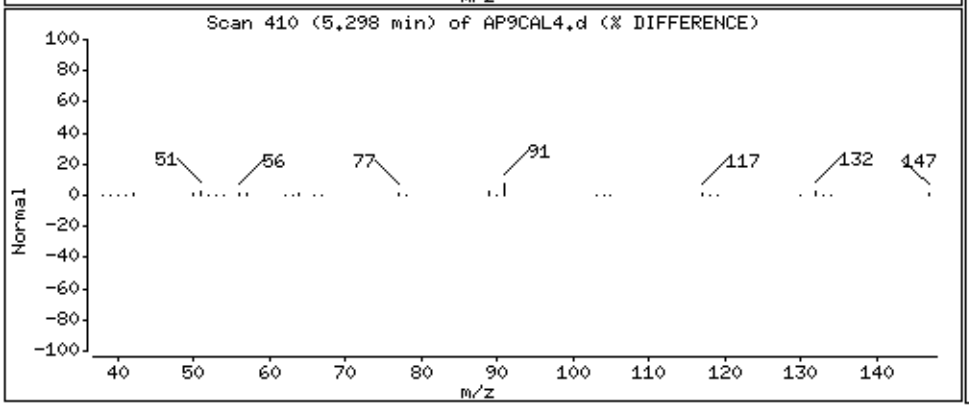












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

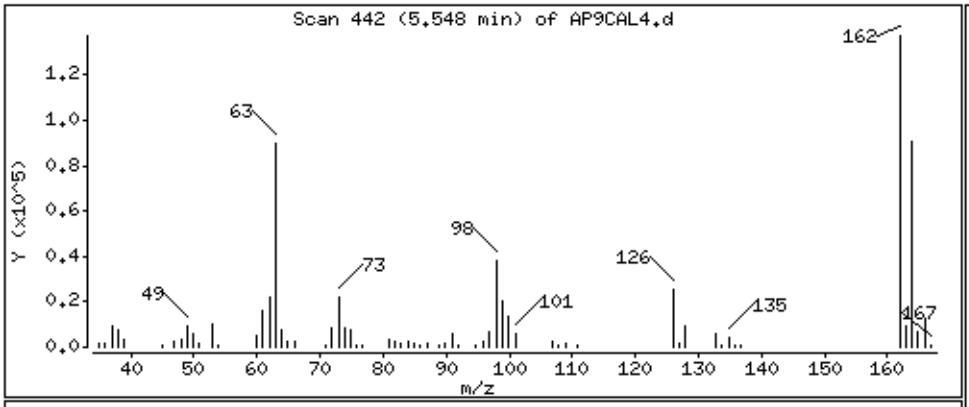
Operator: MJ

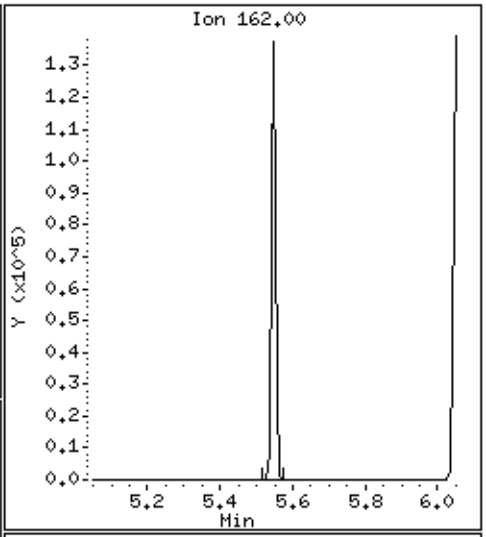
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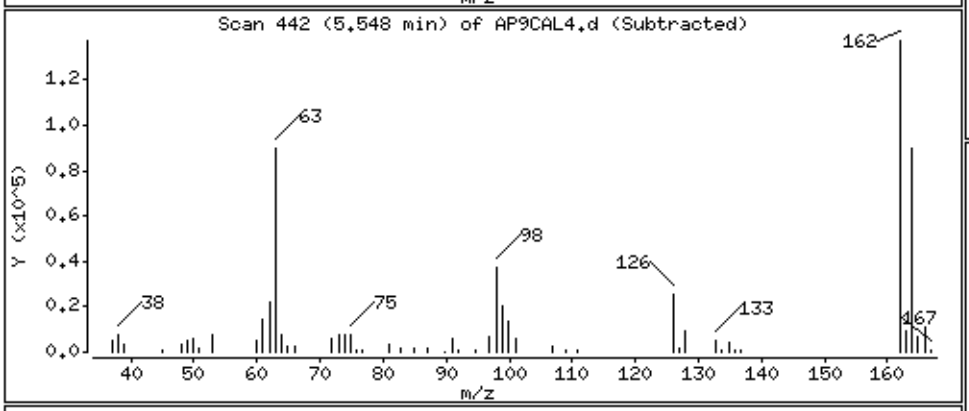
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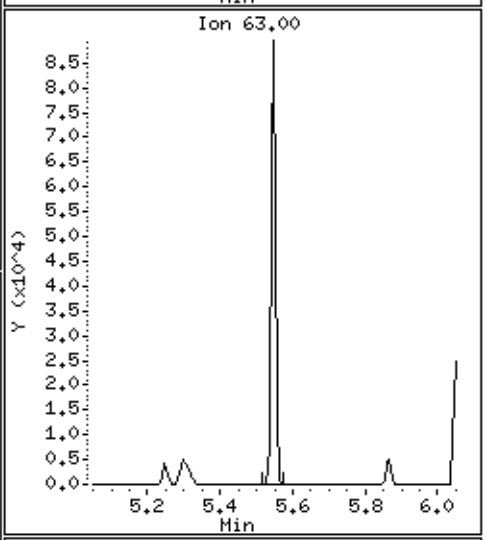
46 2,6-Dichlorophenol

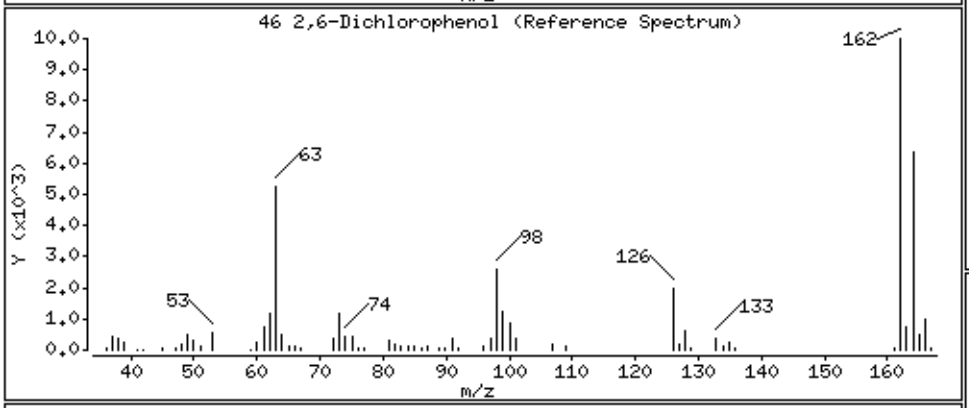
Concentration: 47.2 ug/l

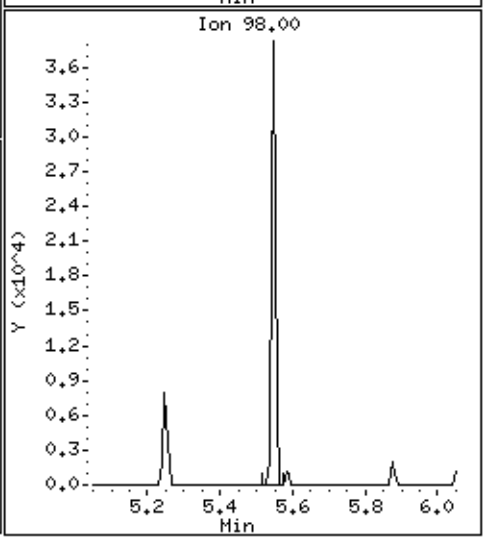


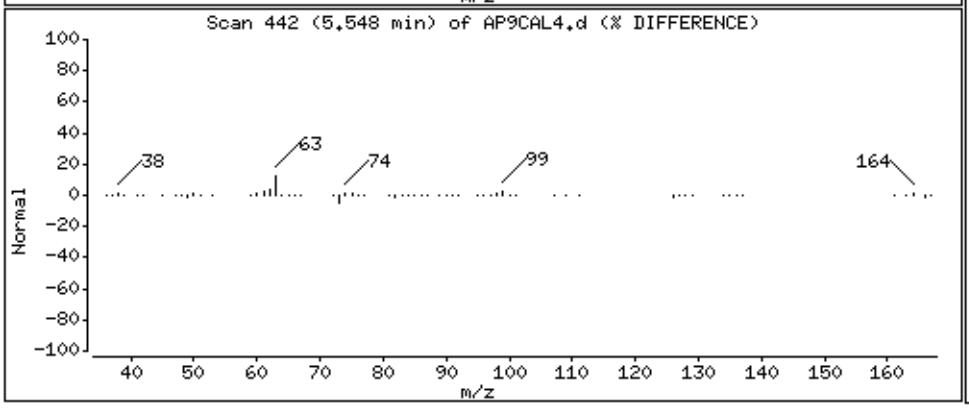












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

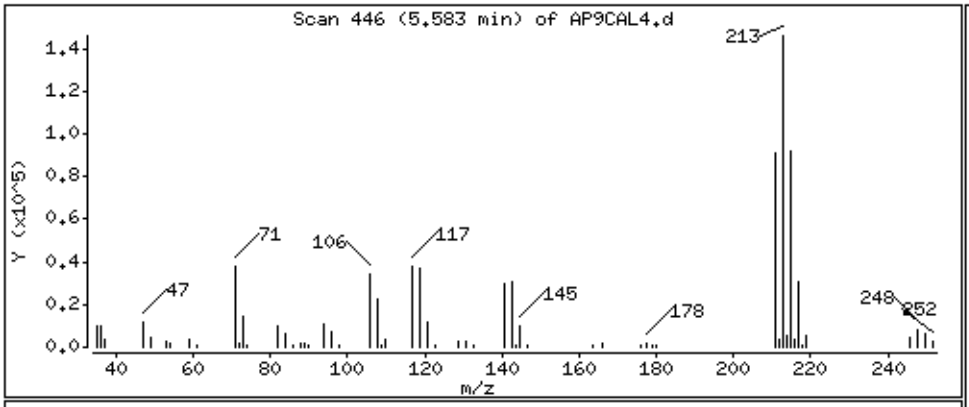
Operator: MJ

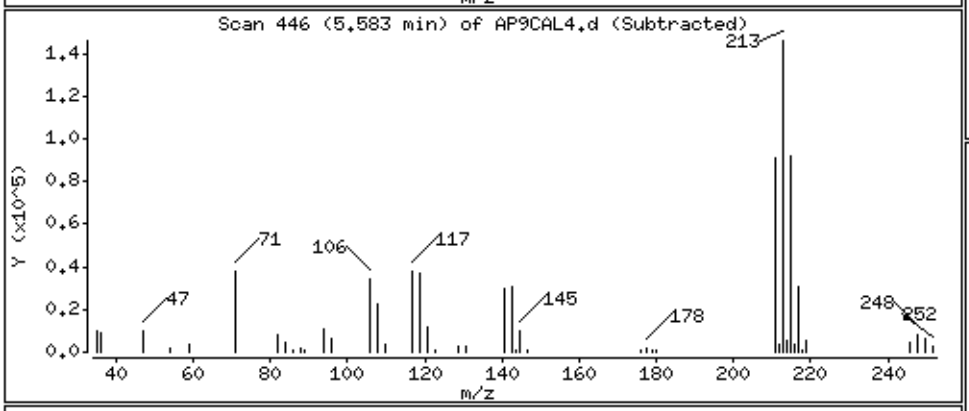
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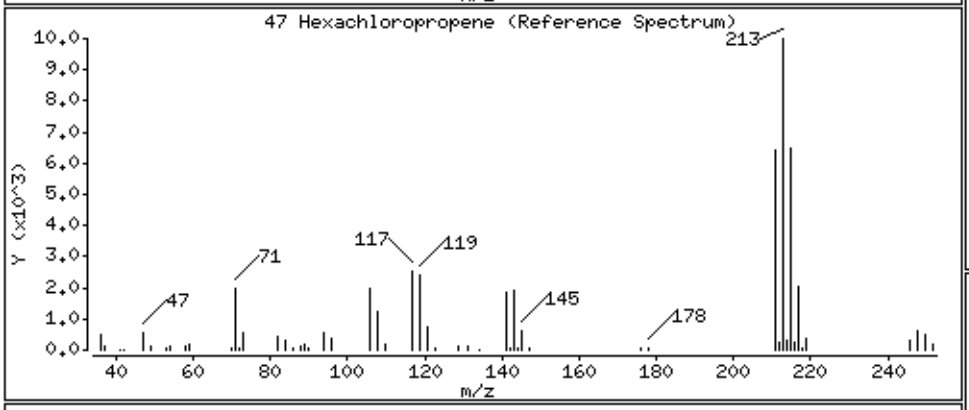
Column diameter: 0.25

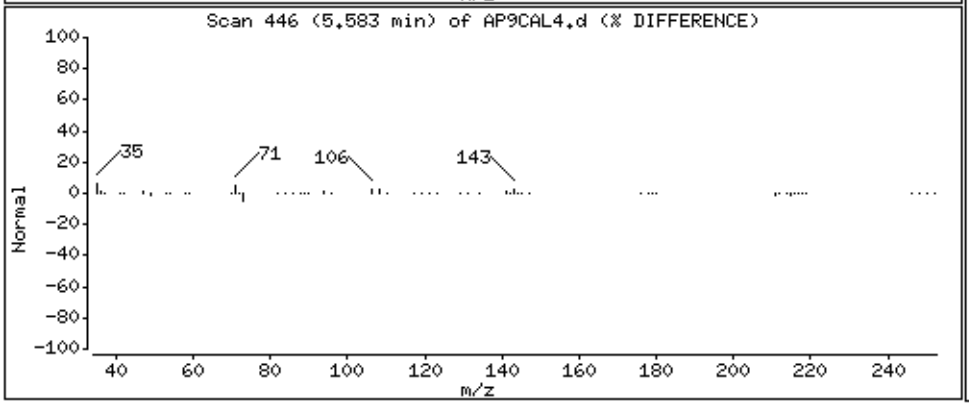
47 Hexachloropropene

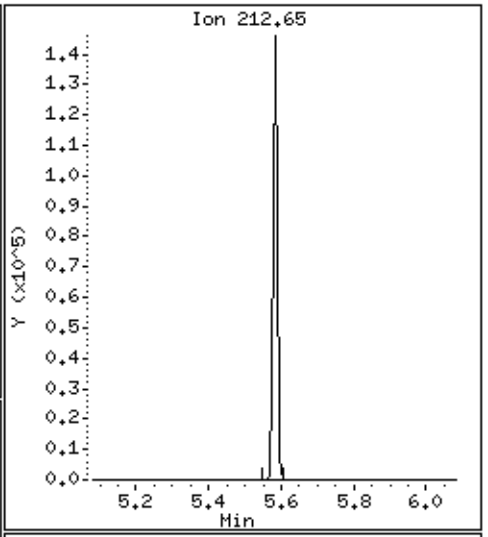
Concentration: 51.3 ug/l

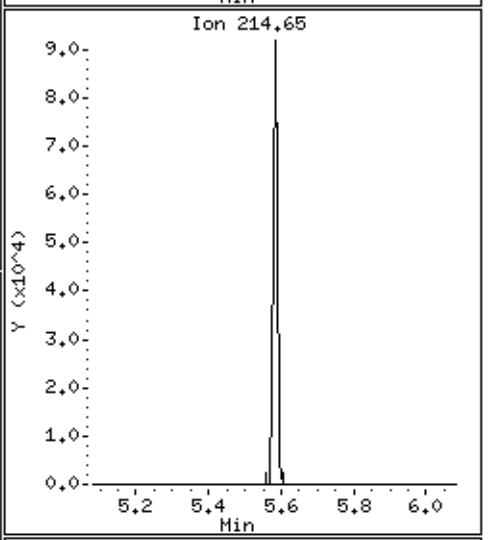


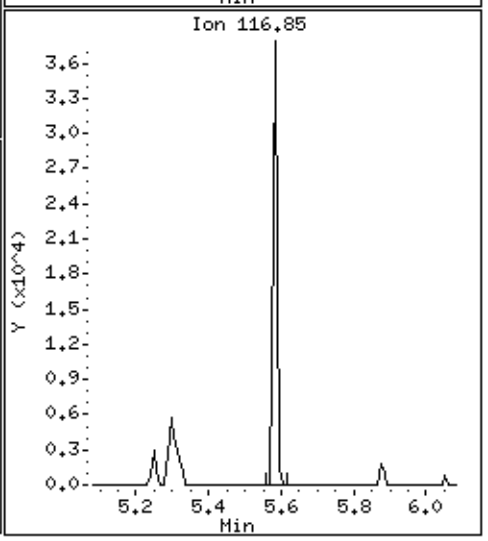












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

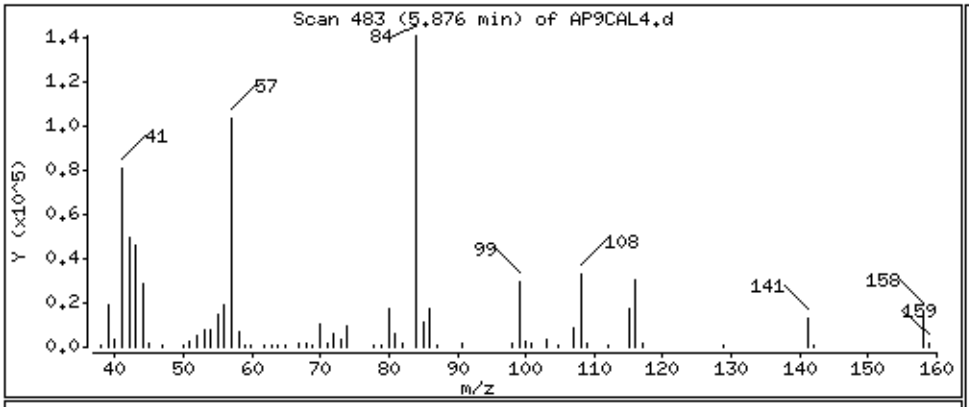
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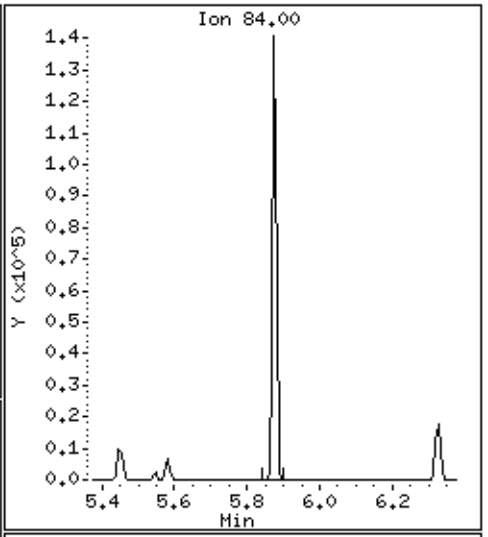
Column phase: HPMS-5

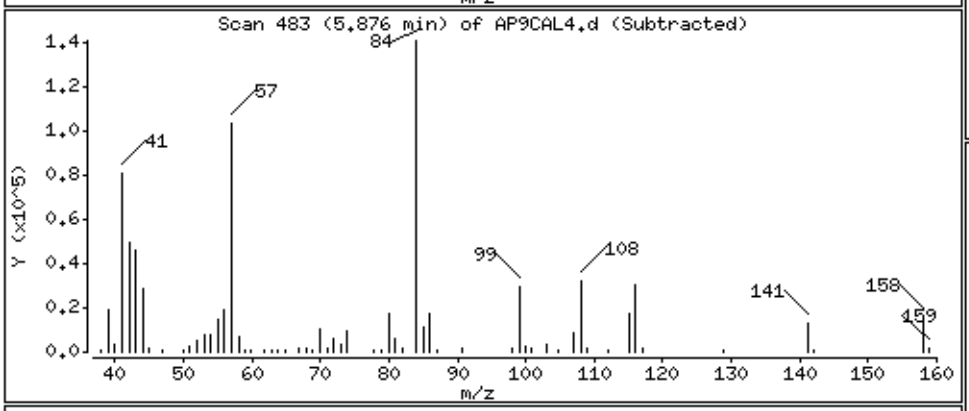
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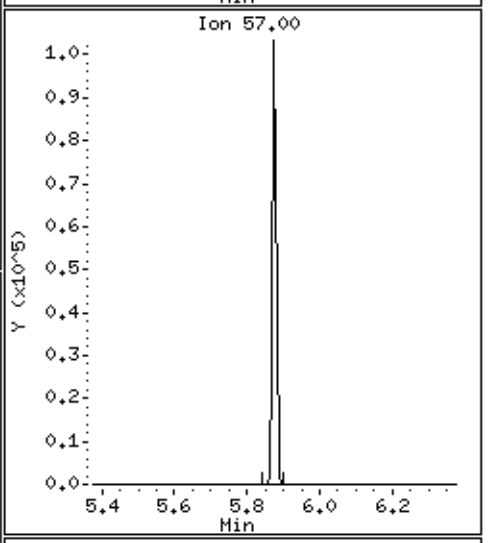
49 N-Nitrosodi-n-butylamine

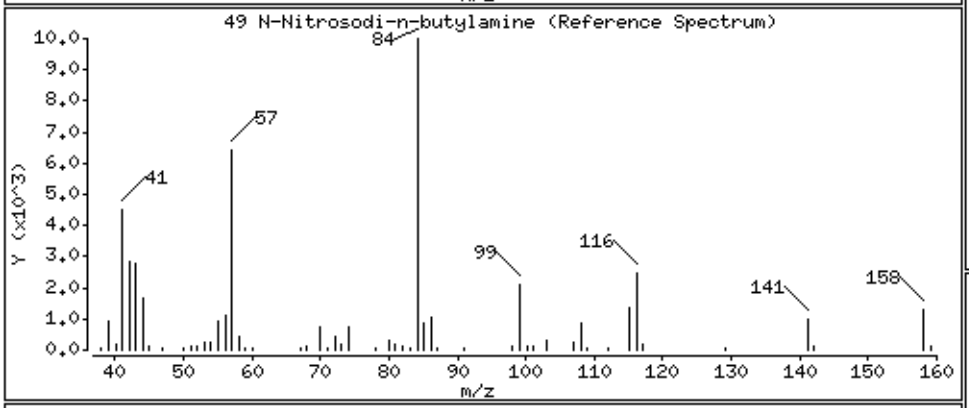
Concentration: 44.8 ug/l

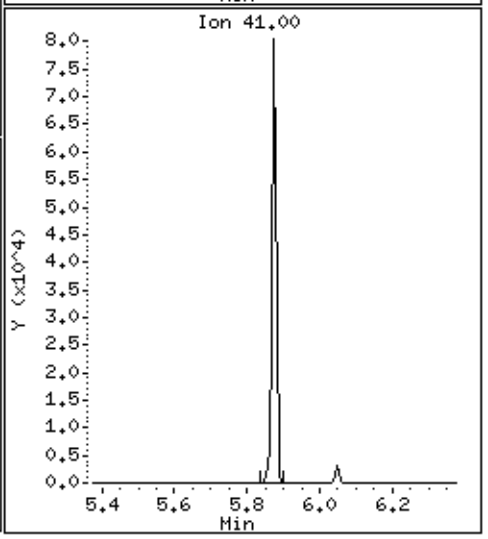


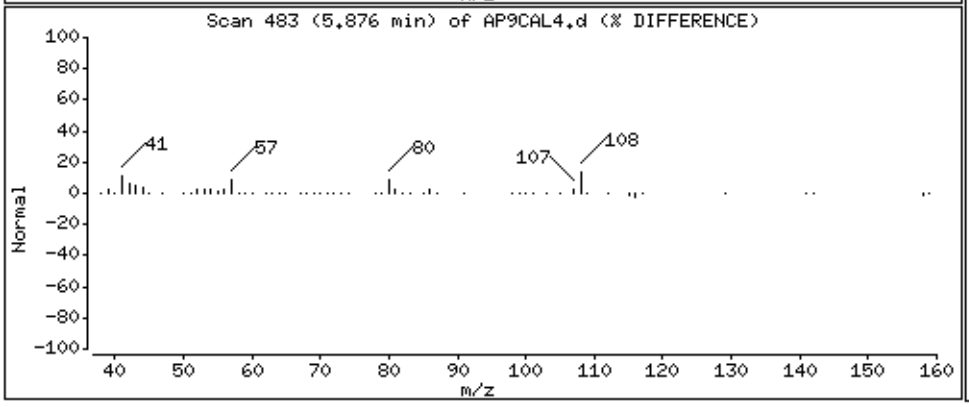












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Date : 26-NOV-2012 17:46

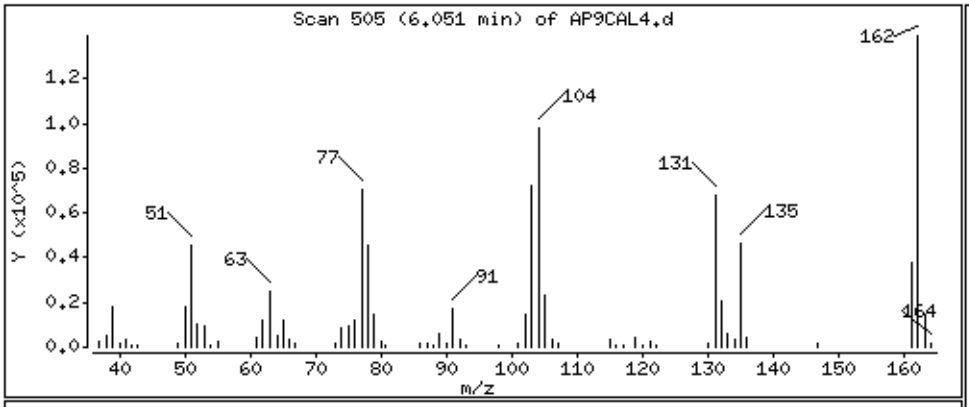
Client ID: AP9CAL4 Instrument: smsd04.i

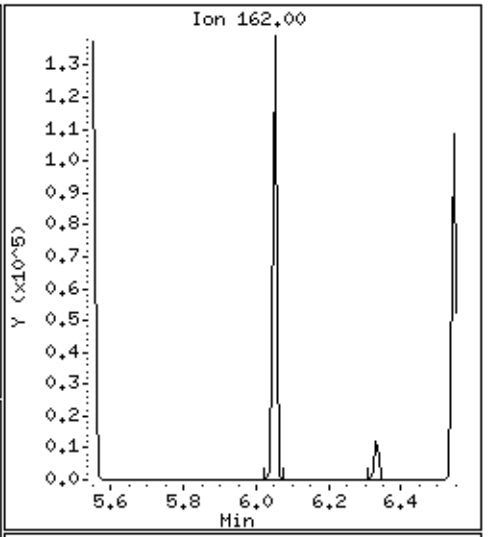
Sample Info: 47936

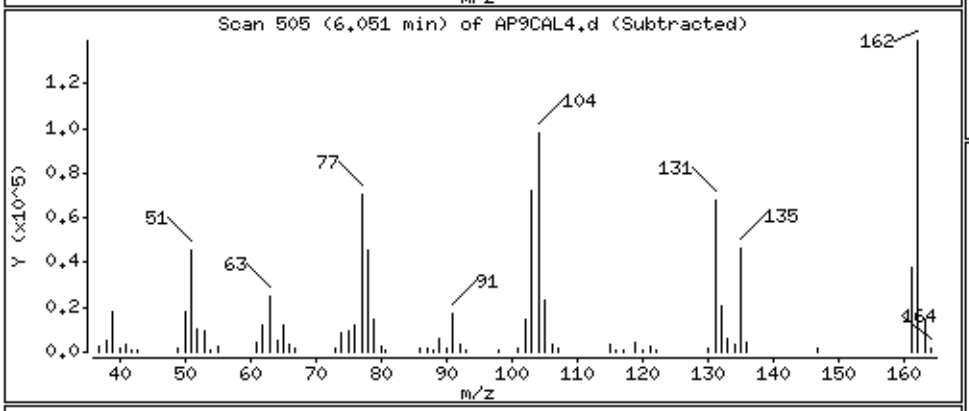
Purge Volume: 1000.0 Operator: MJ

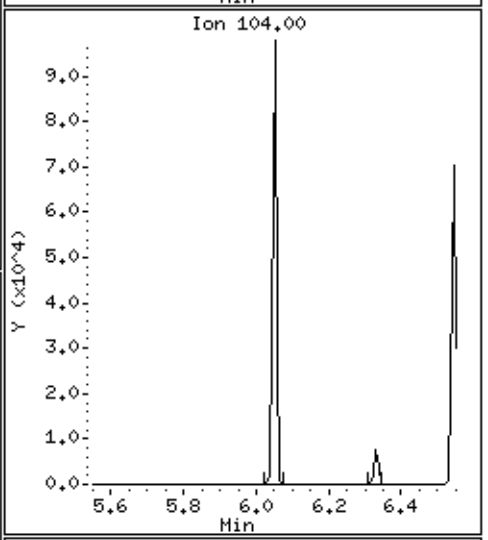
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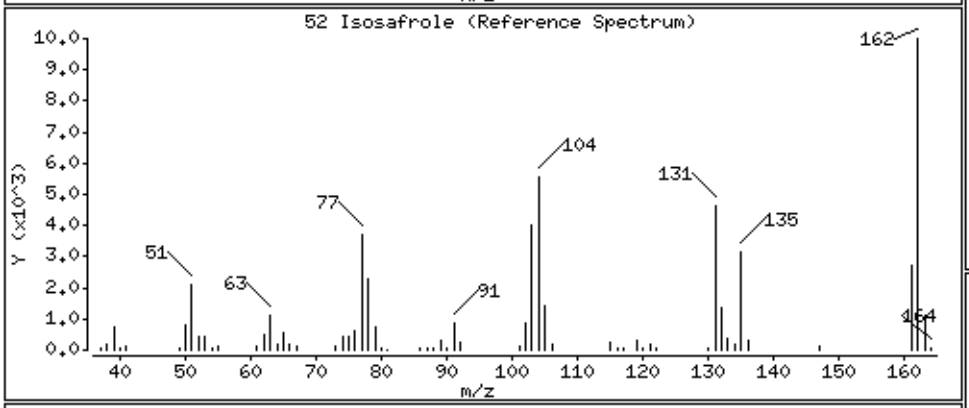
52 Isosafrole Concentration: 46.0 ug/l

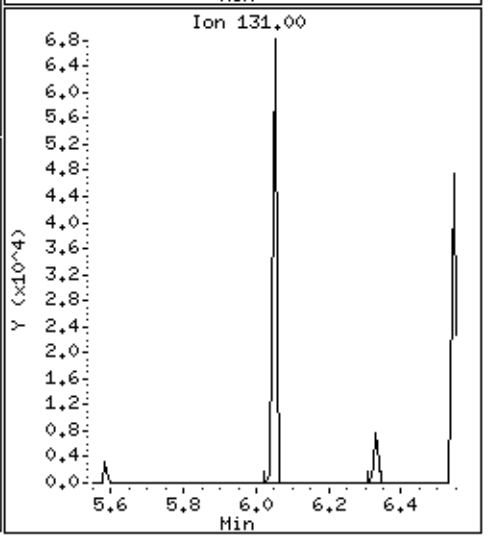


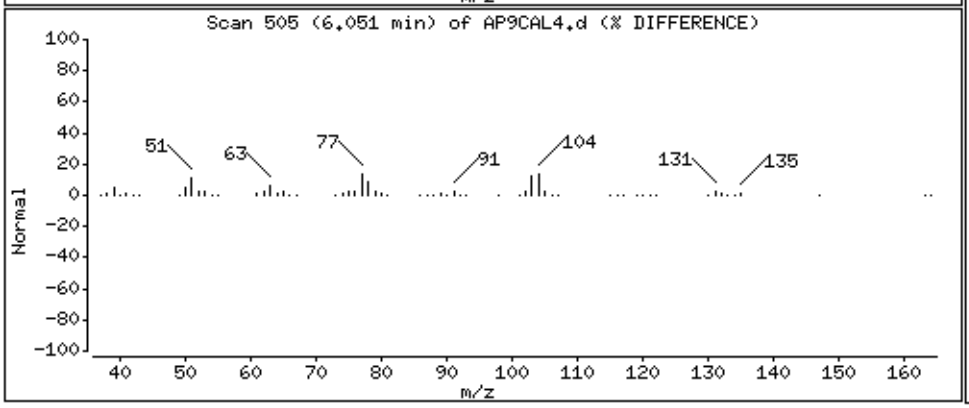












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

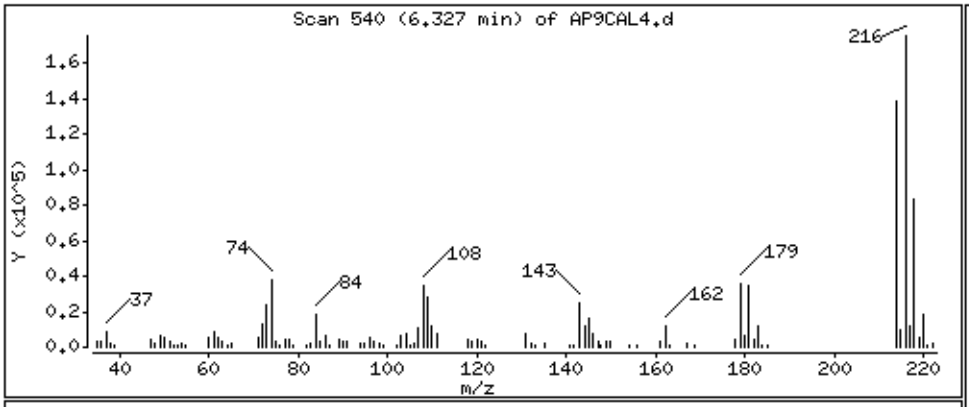
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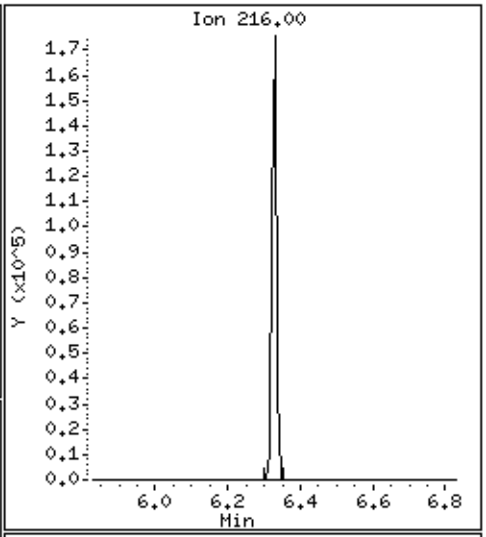
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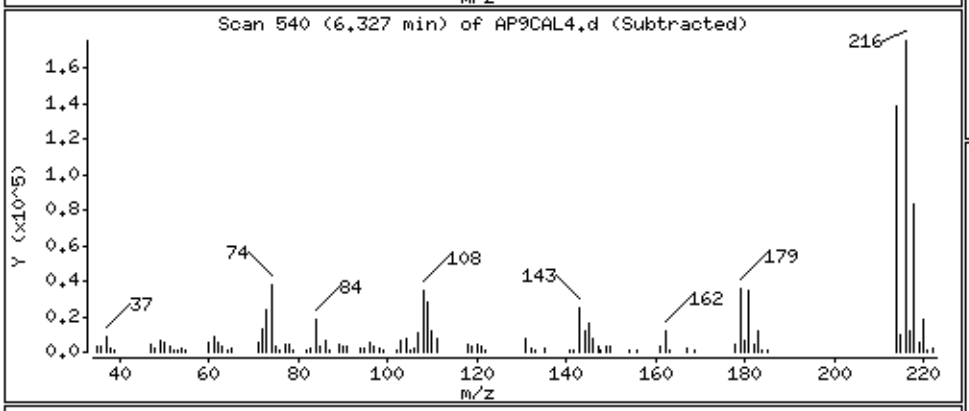
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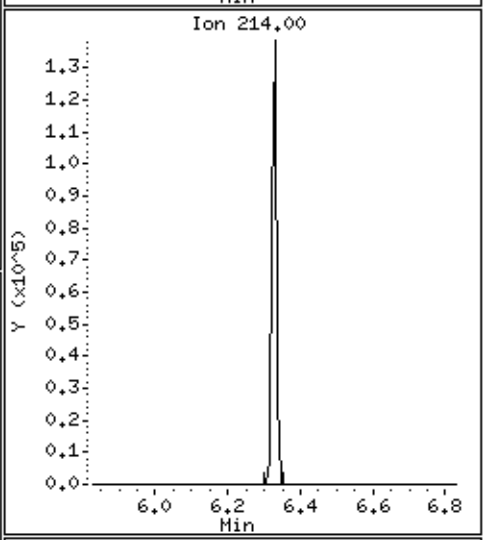
56 1,2,4,5-Tetrachlorobenzene

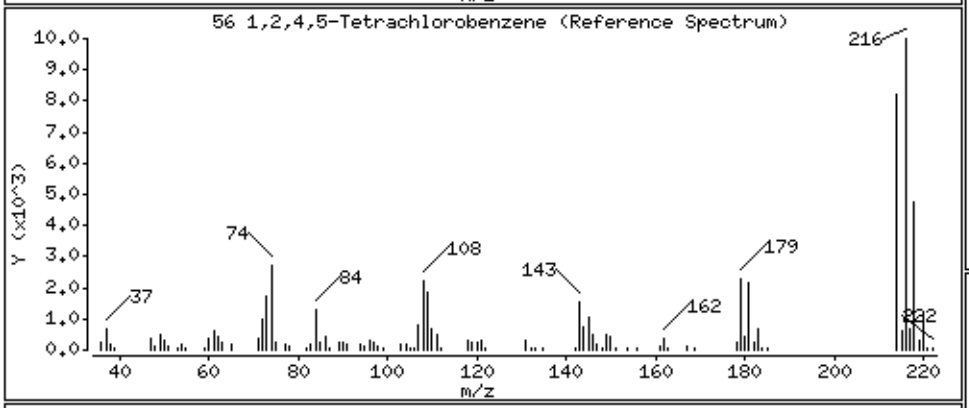
Concentration: 44.9 ug/l

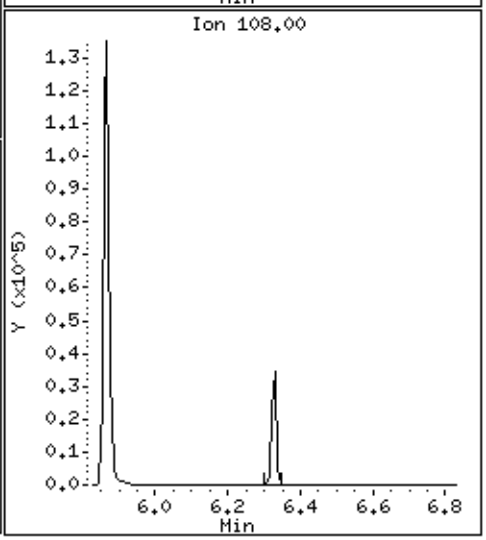


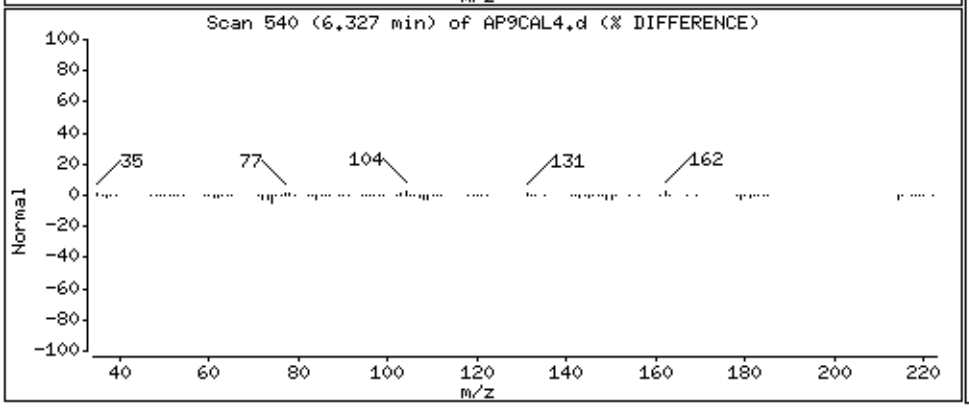












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

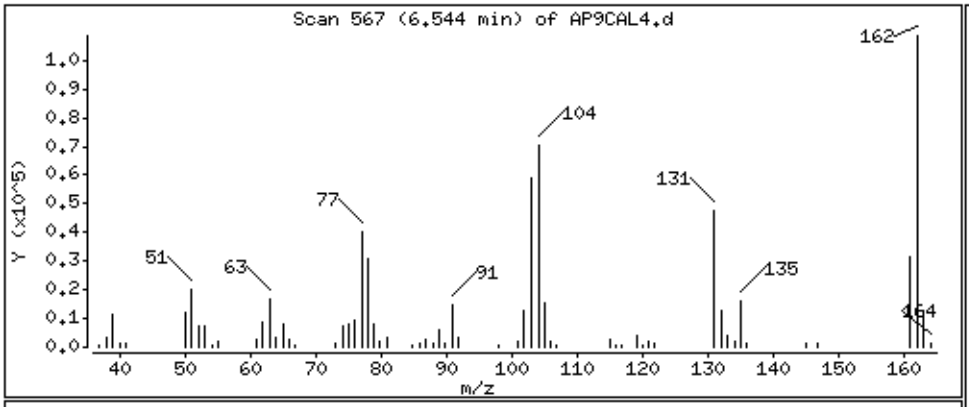
Operator: MJ

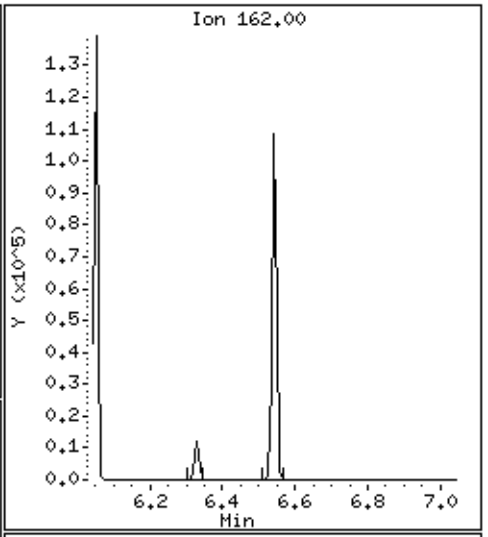
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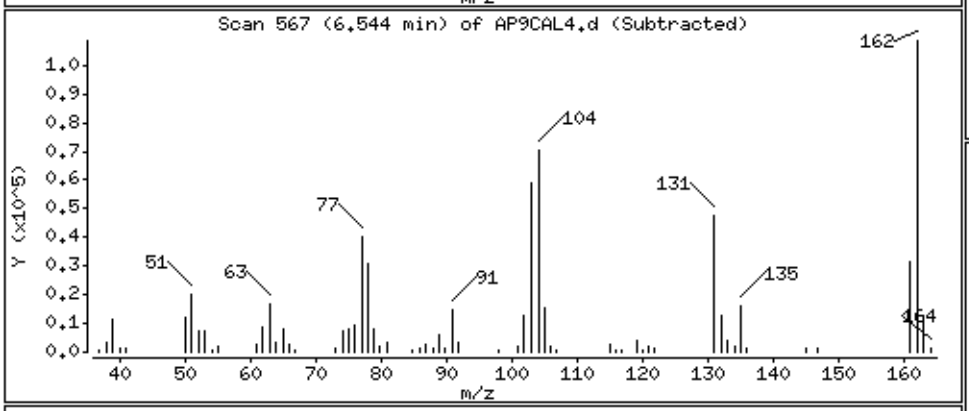
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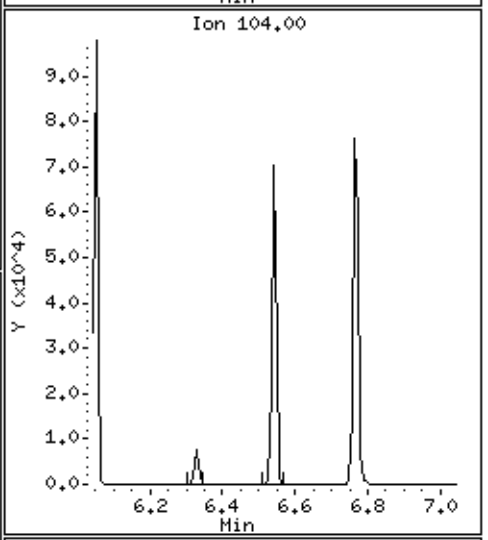
60 Safrole

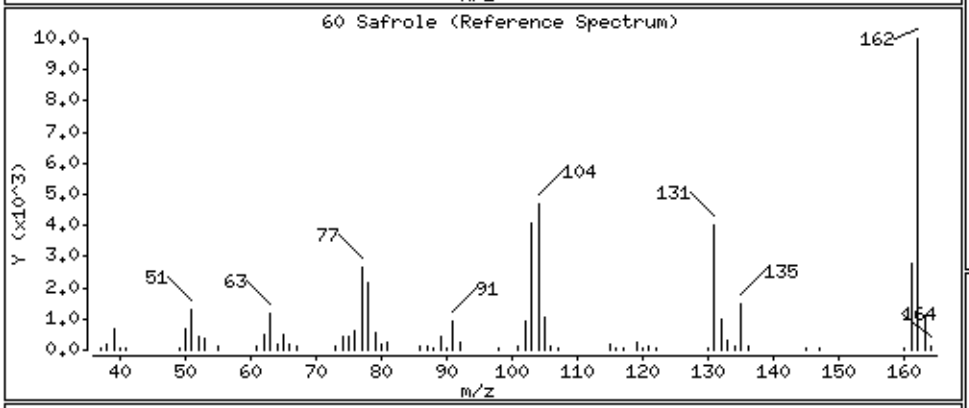
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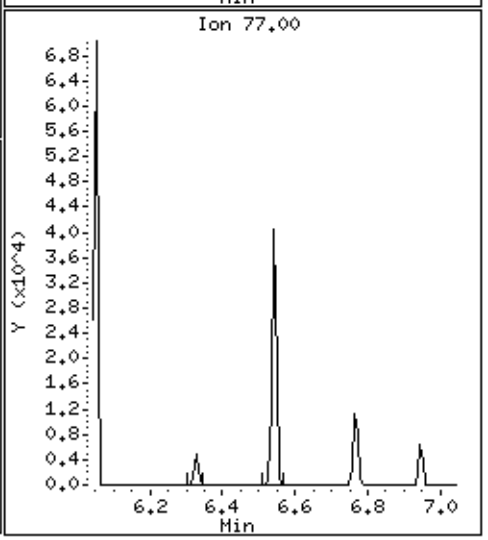


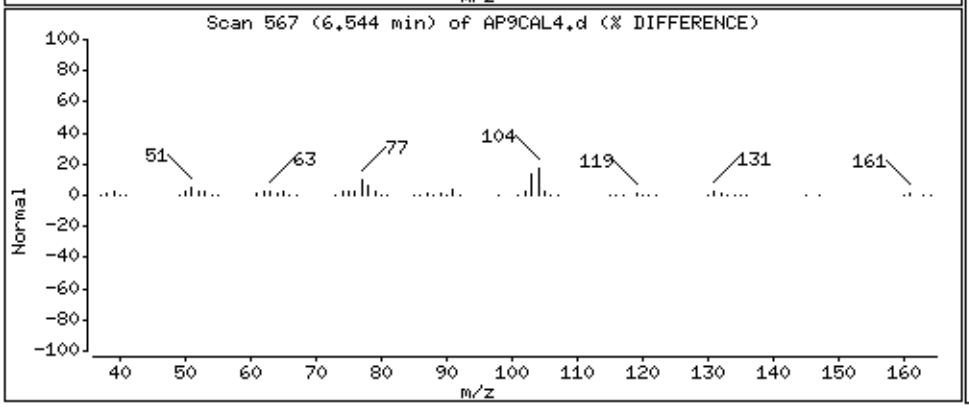












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

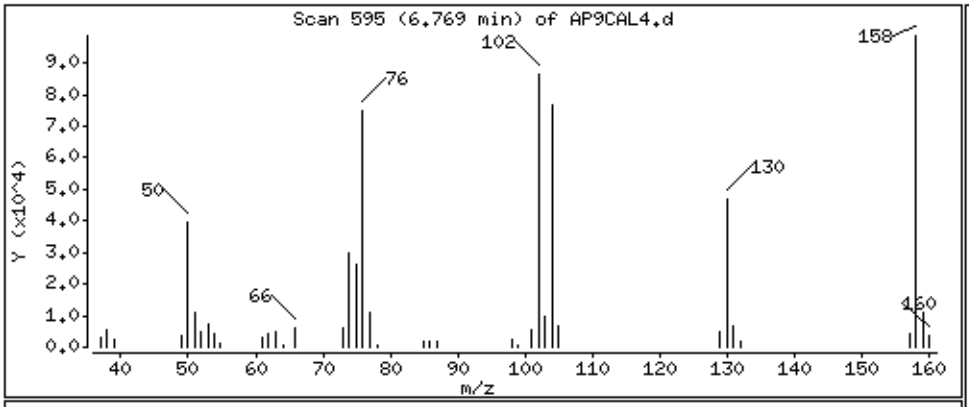
Operator: MJ

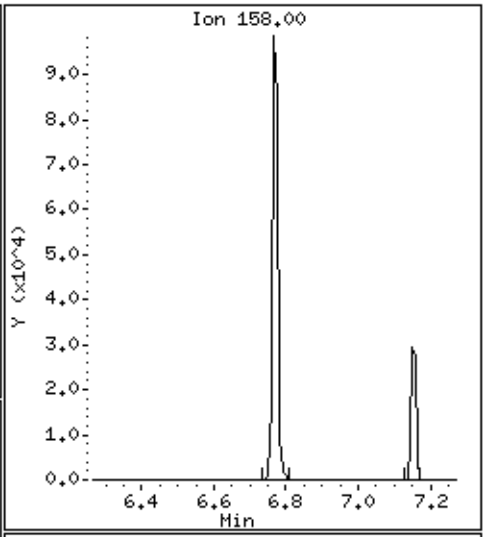
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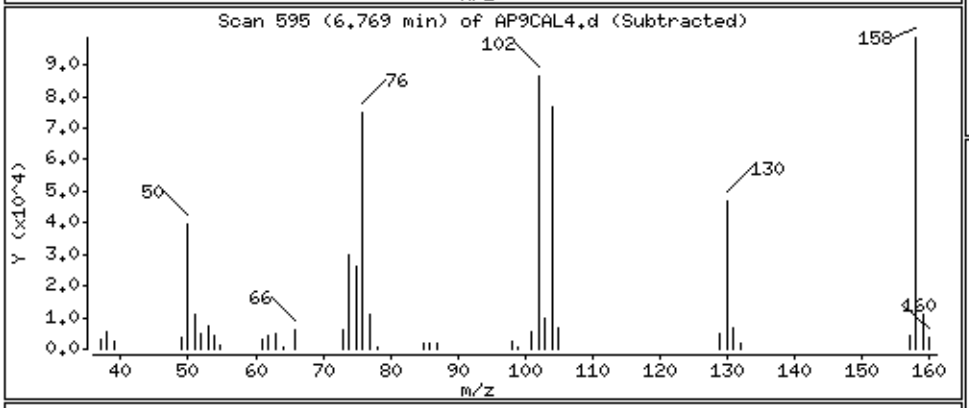
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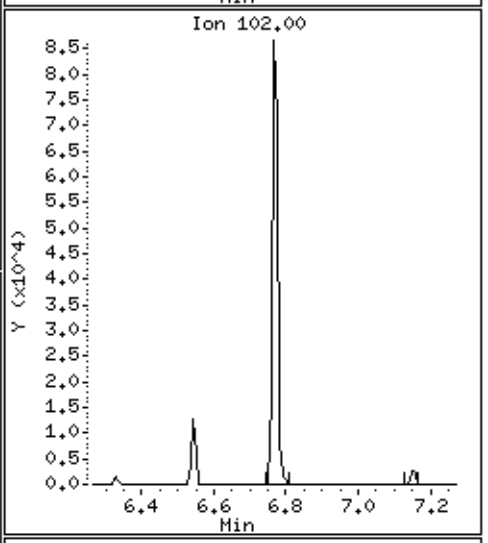
64 1,4-Naphthoquinone

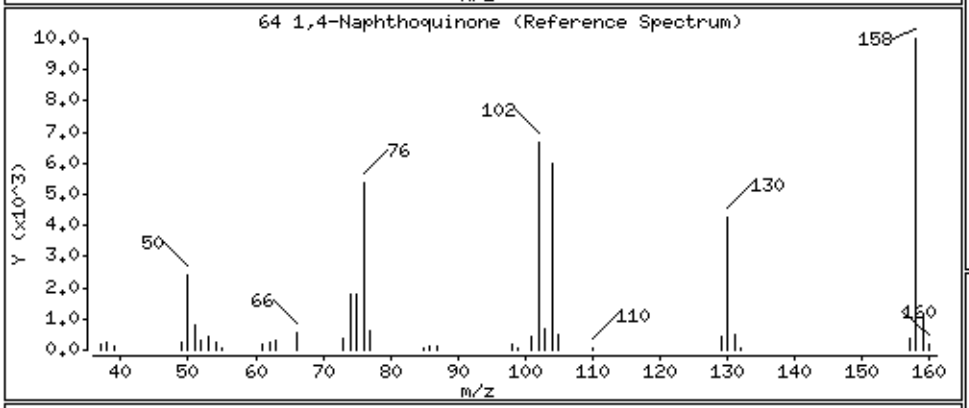
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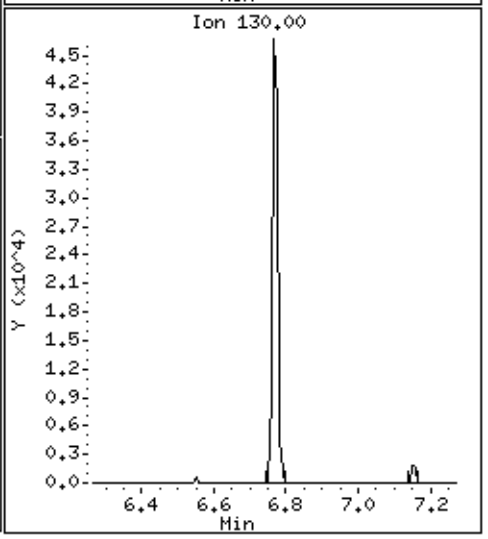


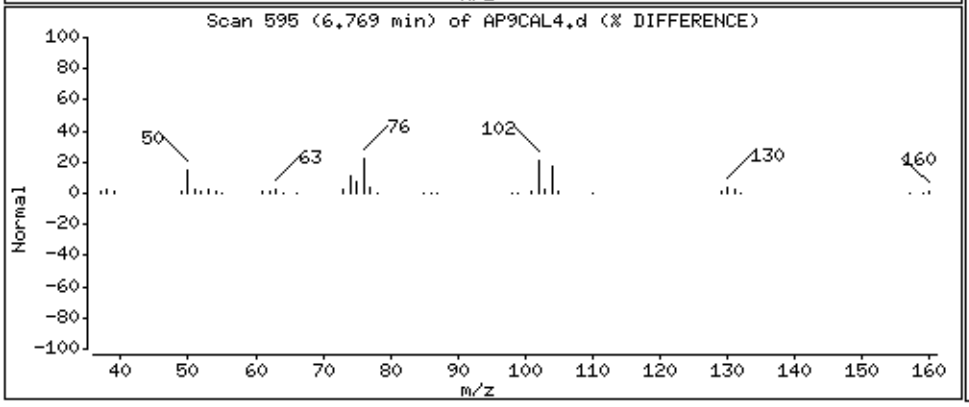












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Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

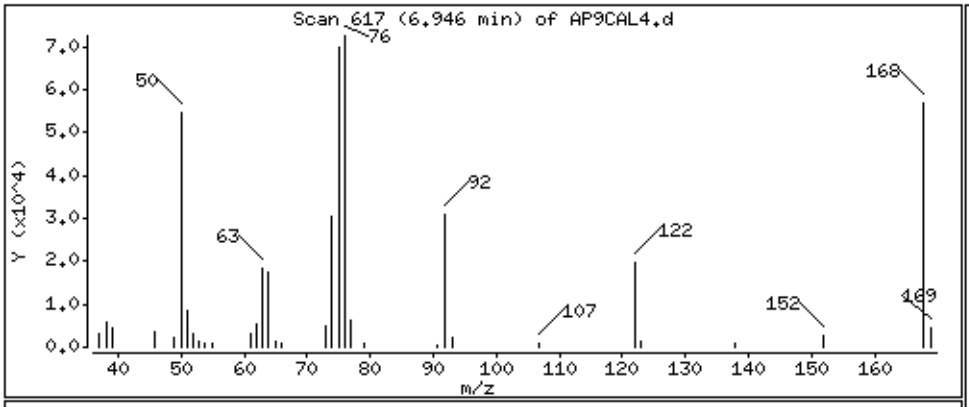
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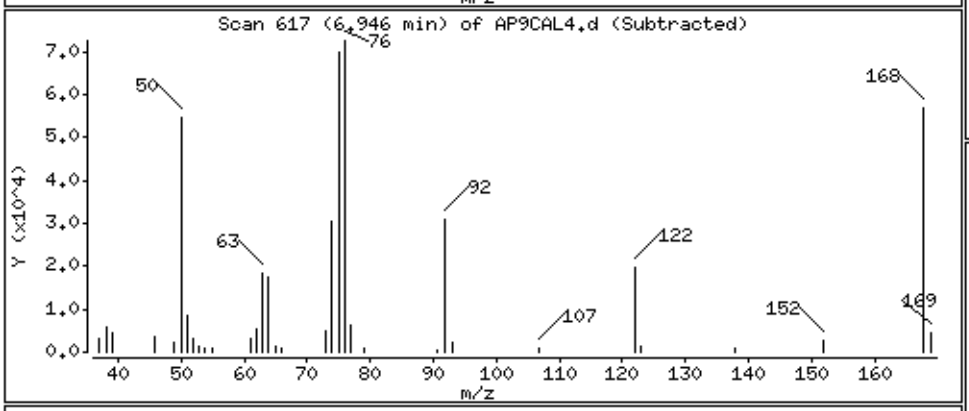
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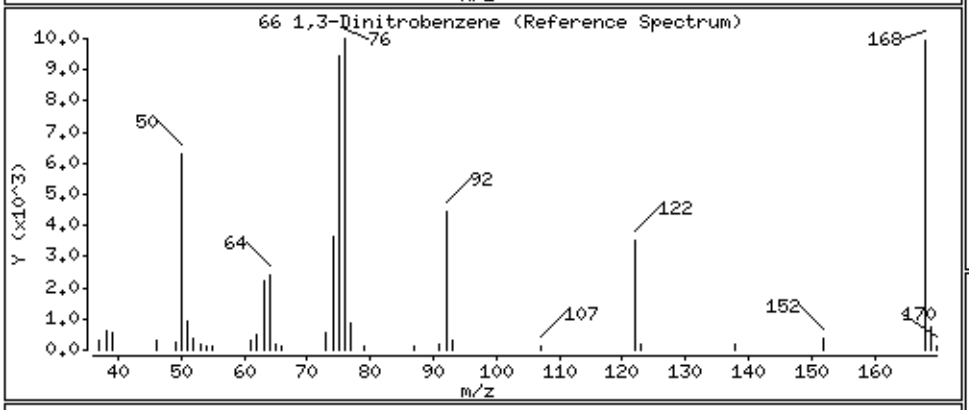
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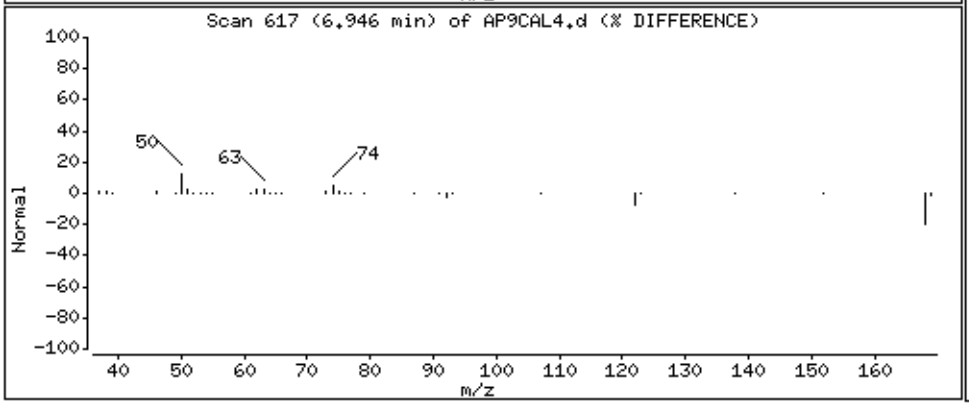
66 1,3-Dinitrobenzene

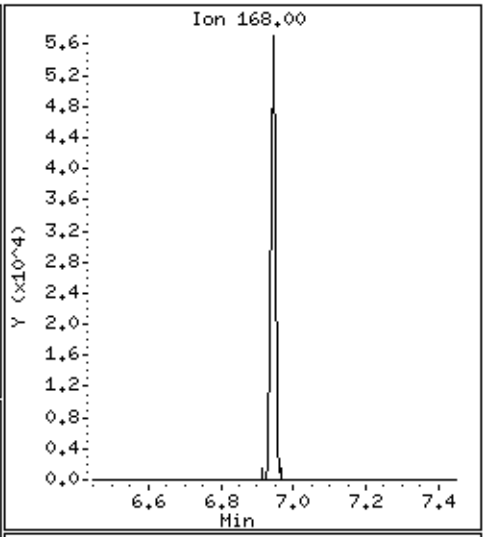
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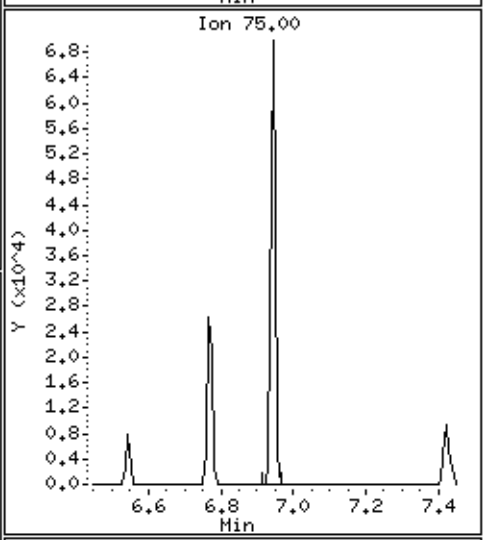


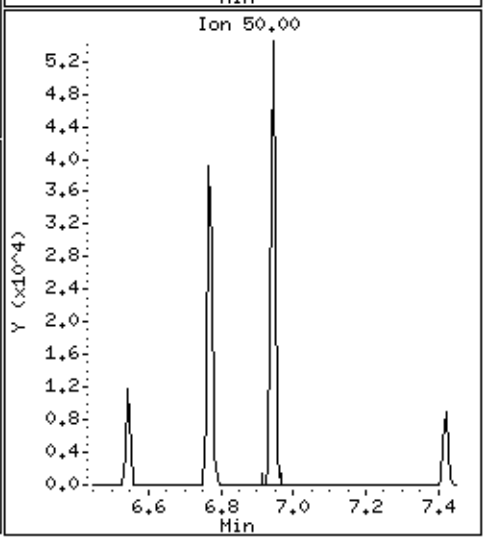












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Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

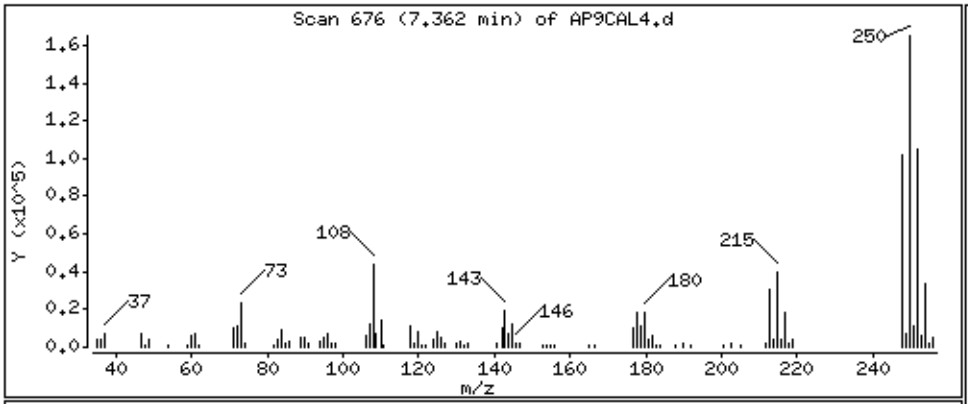
Operator: MJ

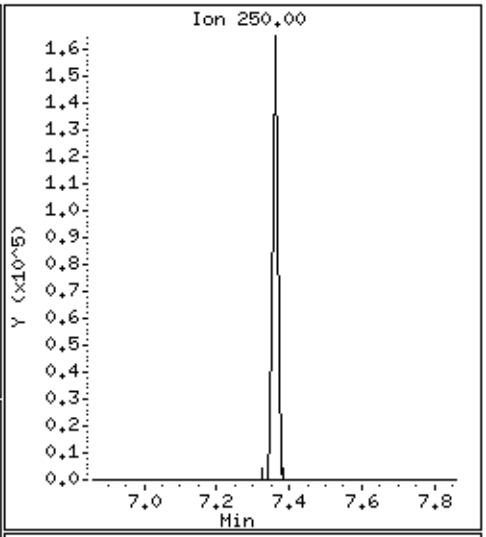
Column phase: HPMS-5

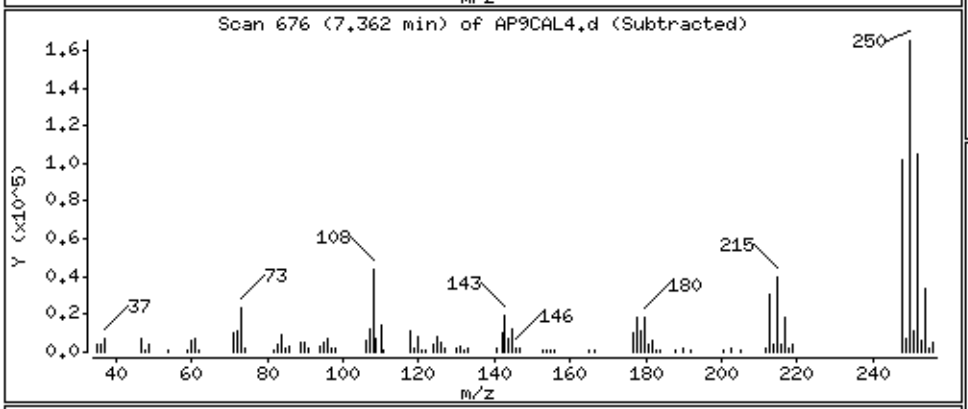
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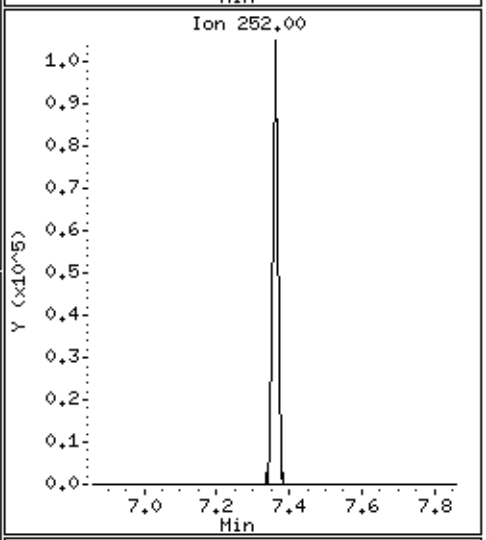
73 Pentachlorobenzene

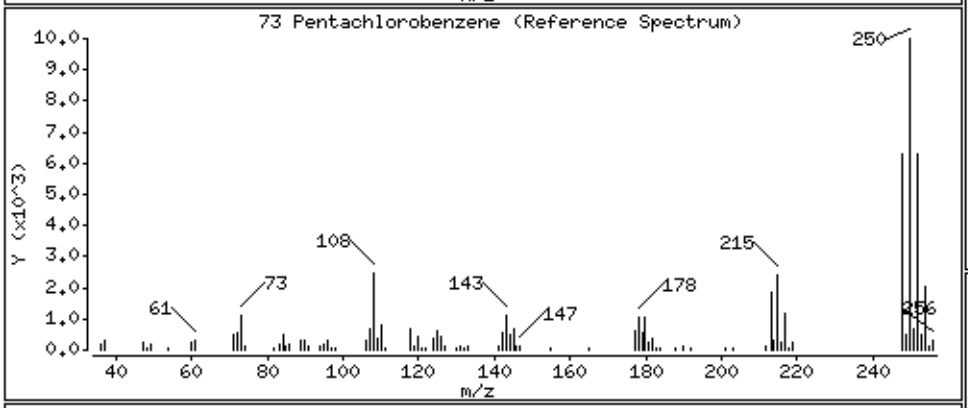
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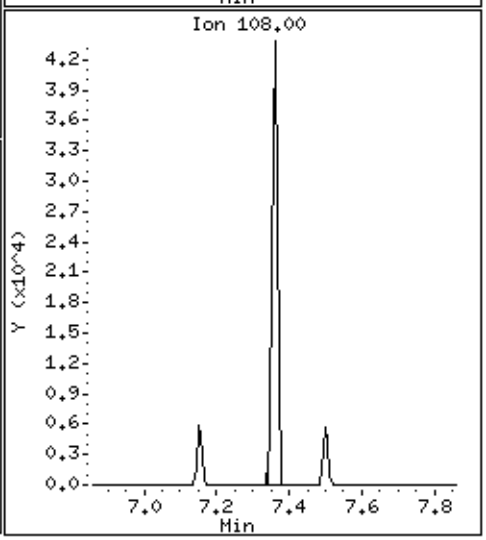


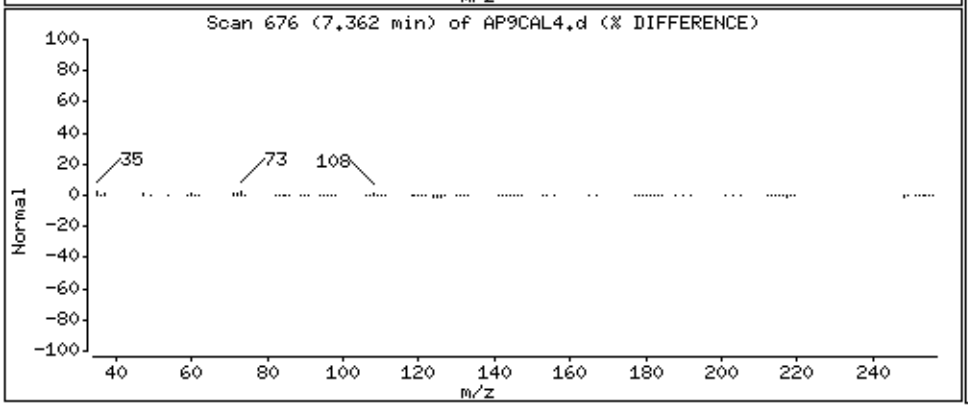












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

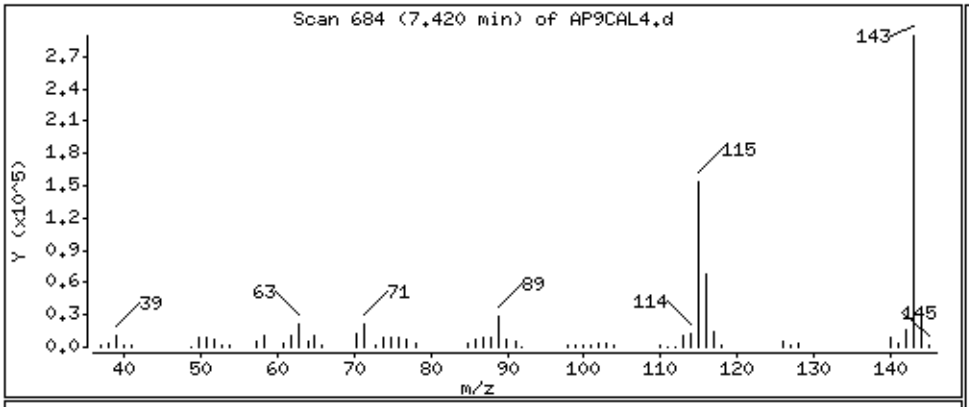
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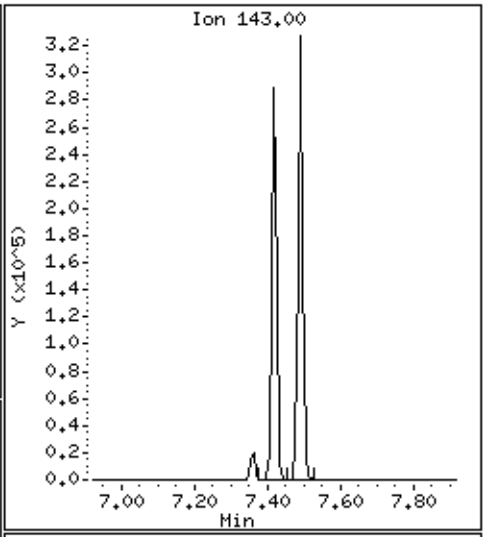
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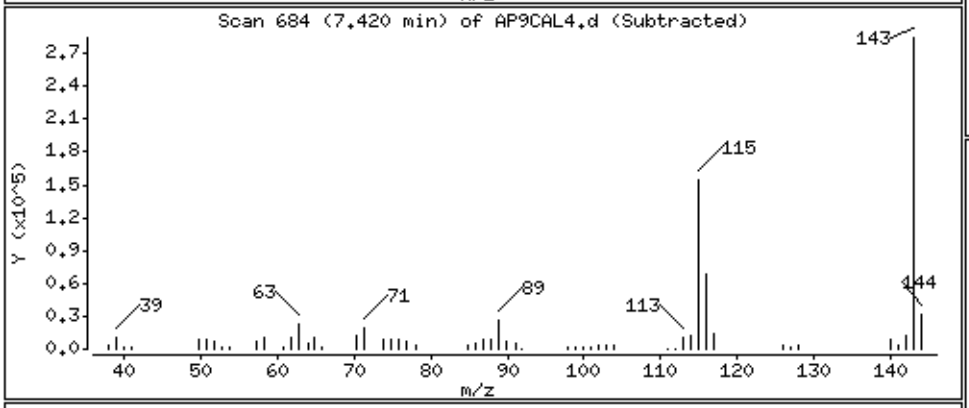
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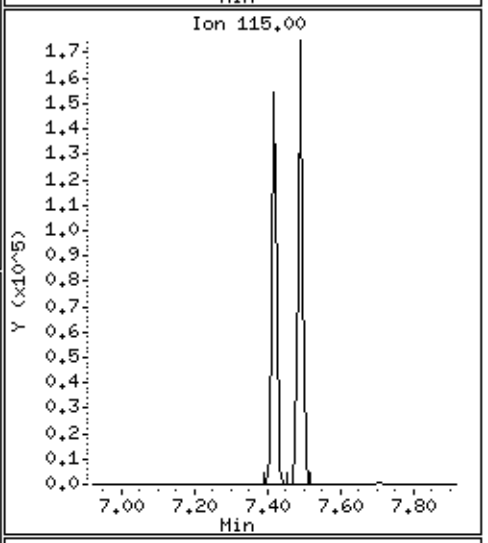
77 1-Naphthylamine

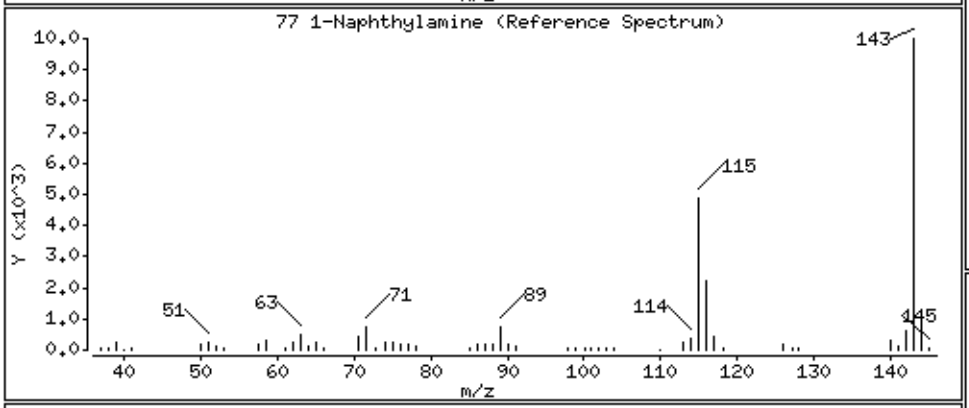
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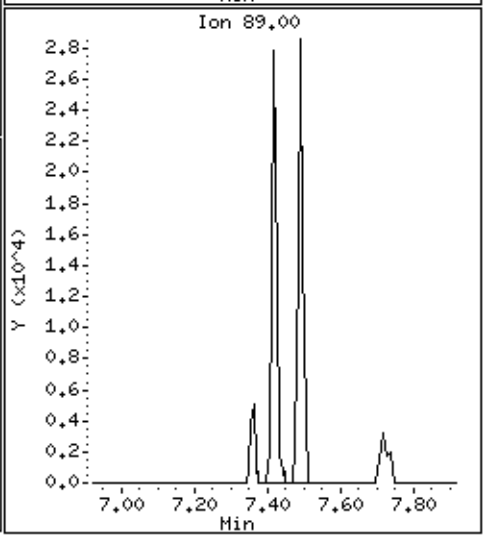


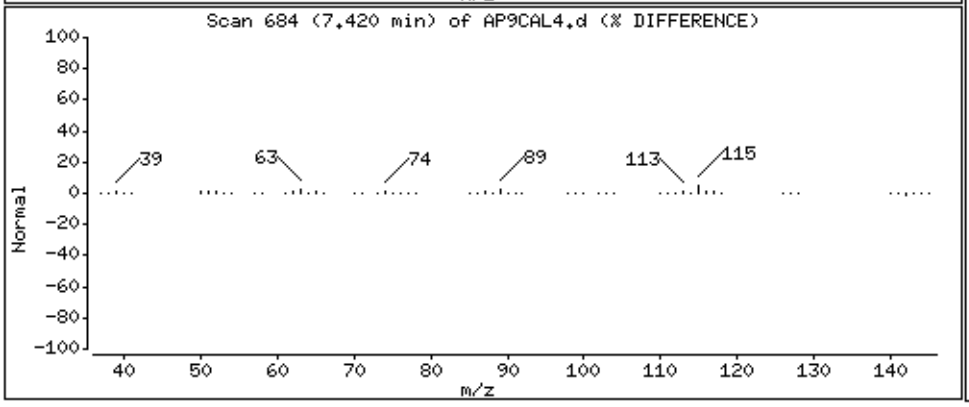












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

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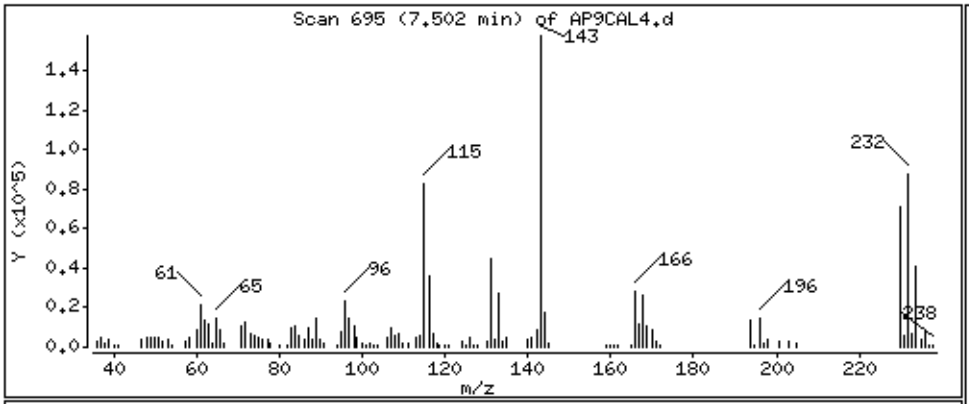
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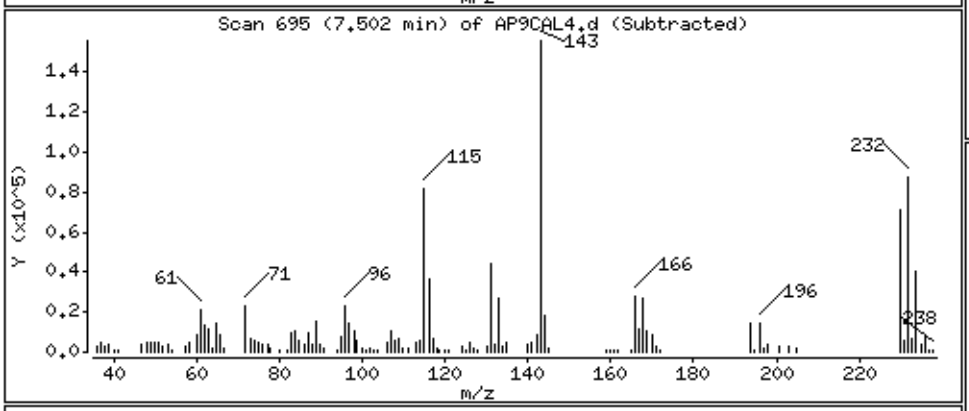
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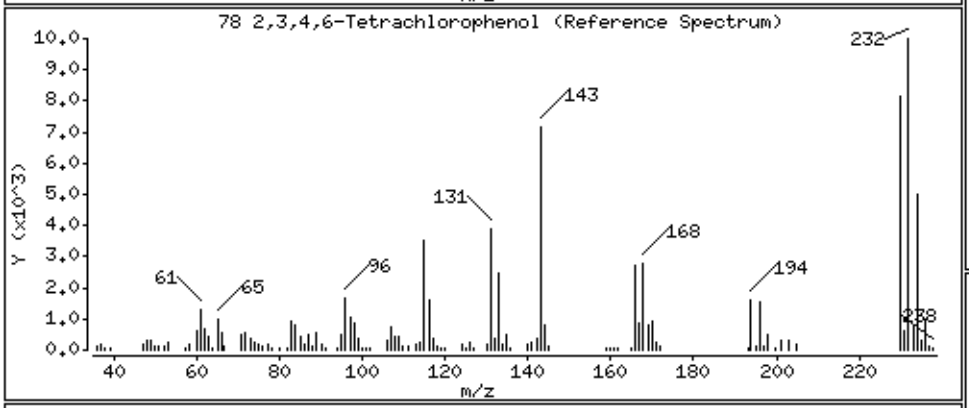
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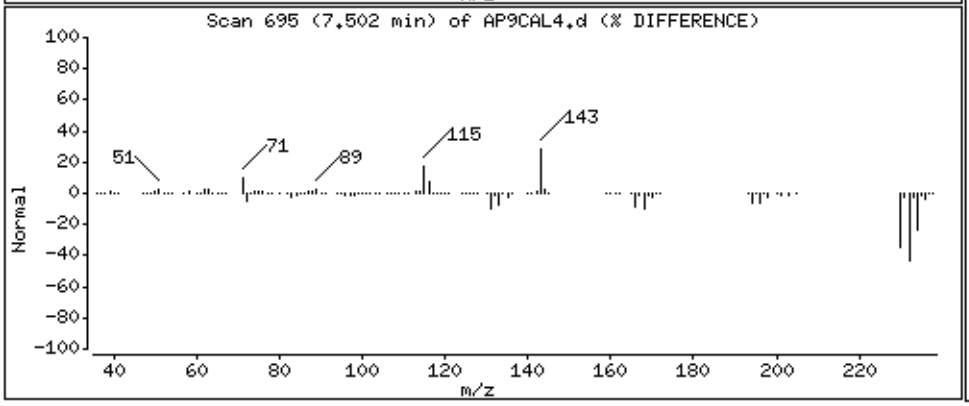
78 2,3,4,6-Tetrachlorophenol

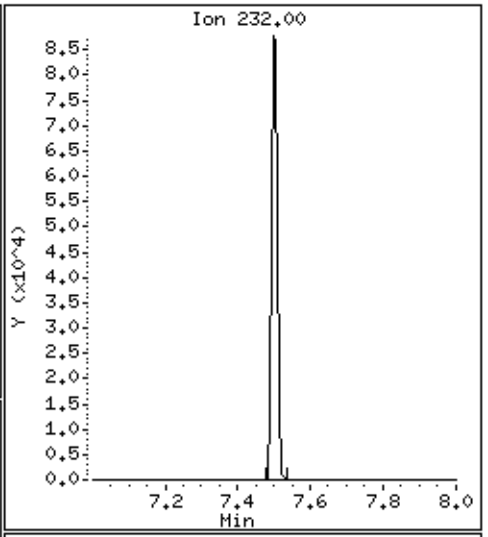
Concentration: 48.6 ug/l

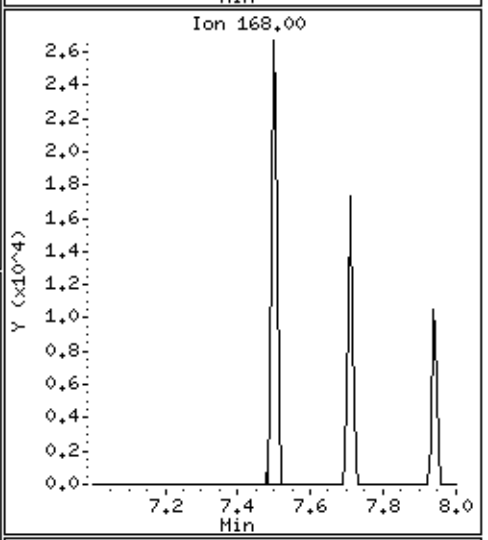


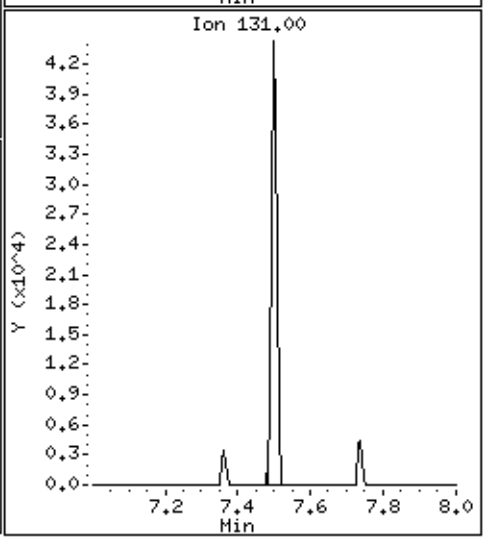












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

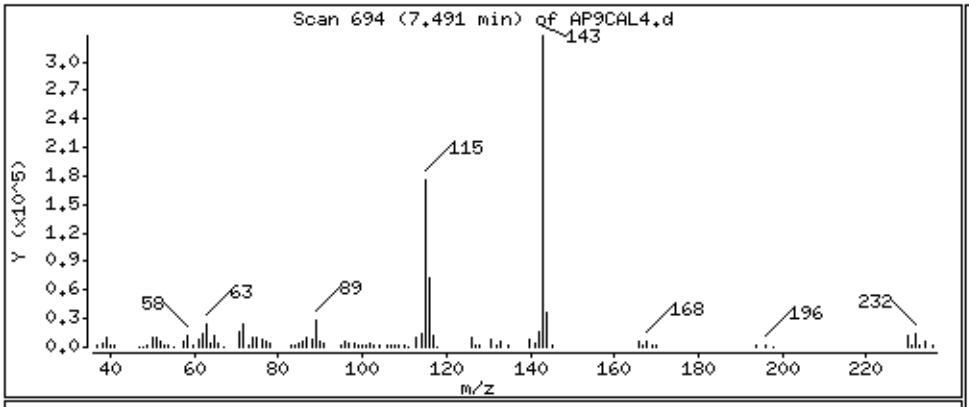
Operator: MJ

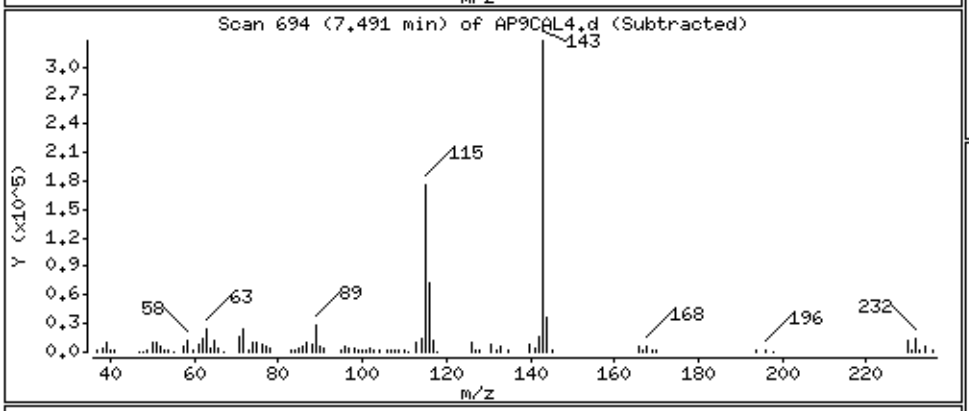
Column phase: HPMS-5

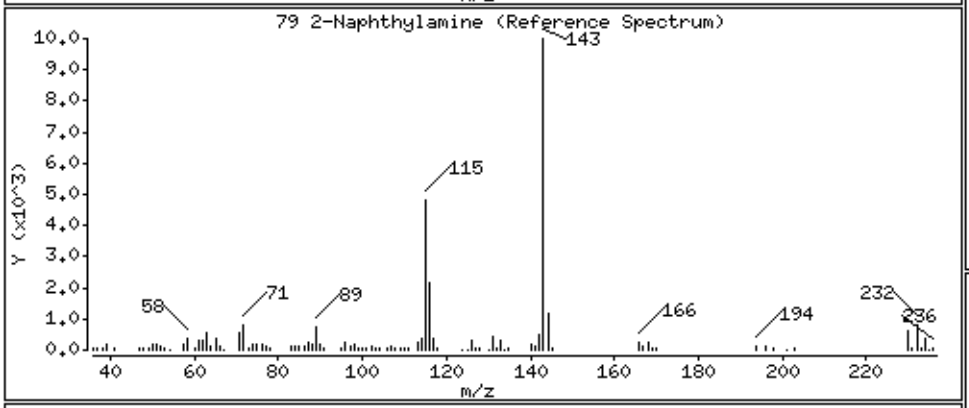
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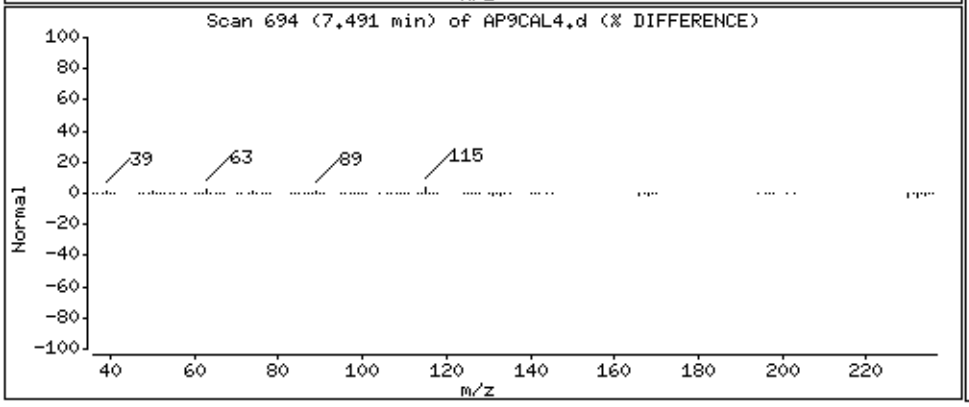
79 2-Naphthylamine

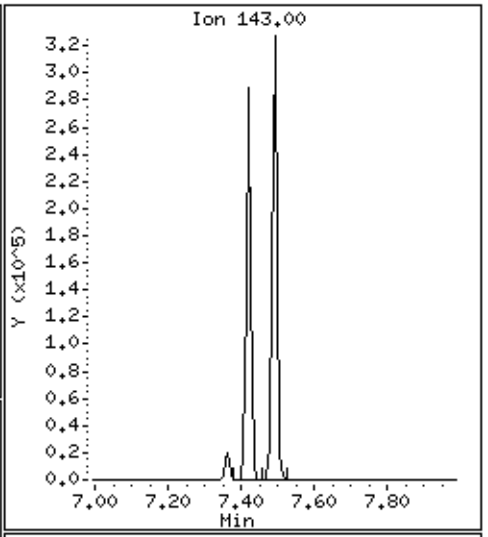
Concentration: 45.2 ug/l

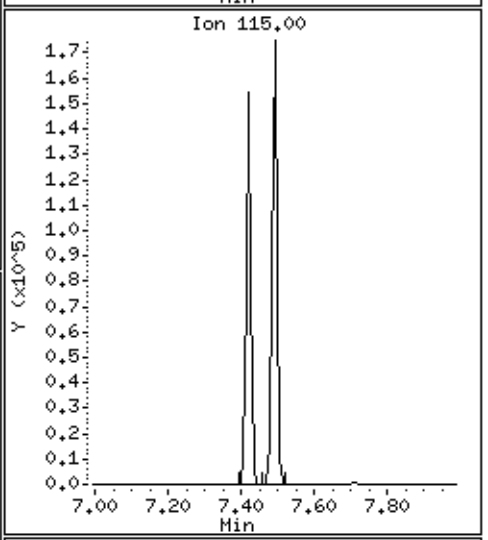


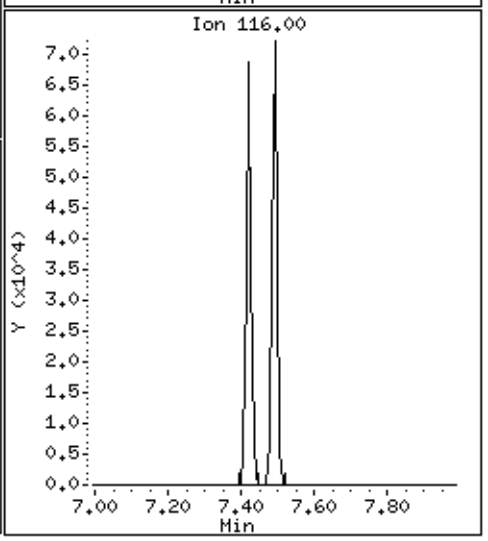












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

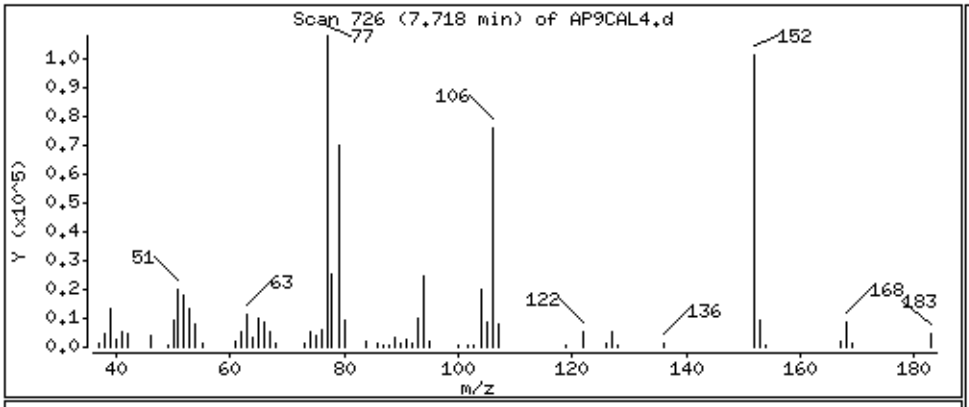
Operator: MJ

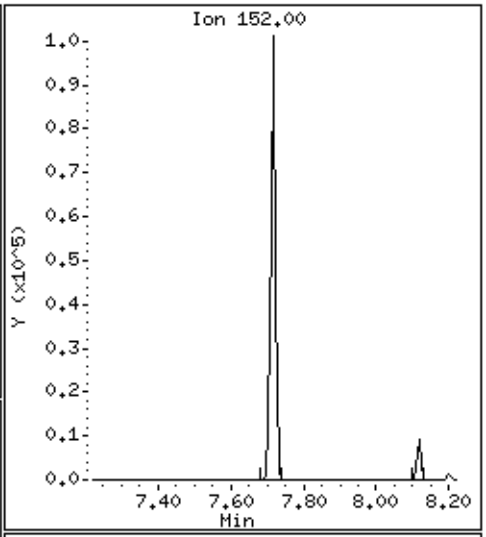
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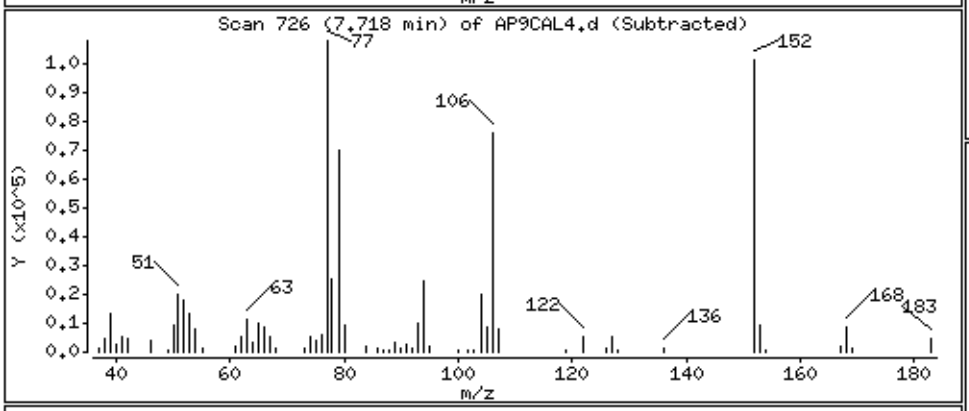
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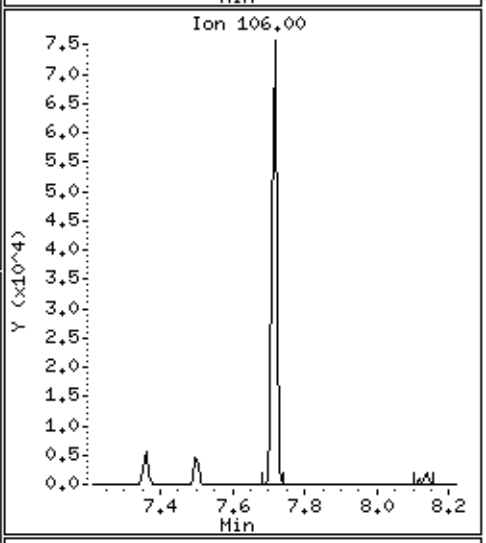
83 5-Nitro-ortho-toluidine

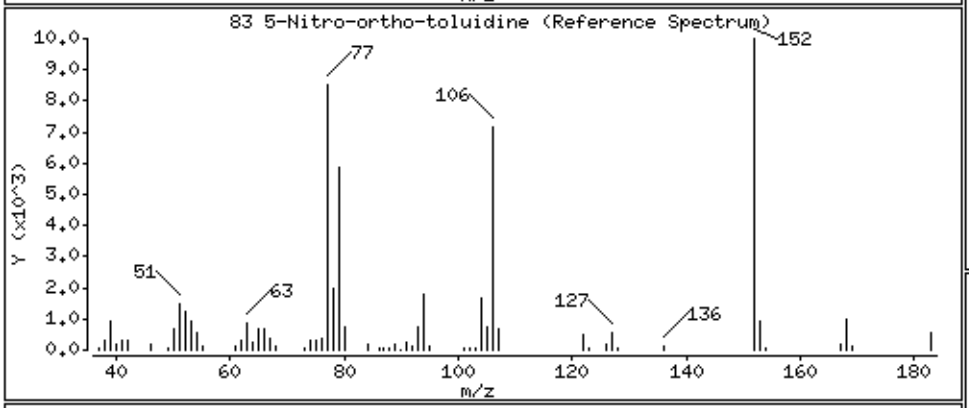
Concentration: 47.6 ug/l

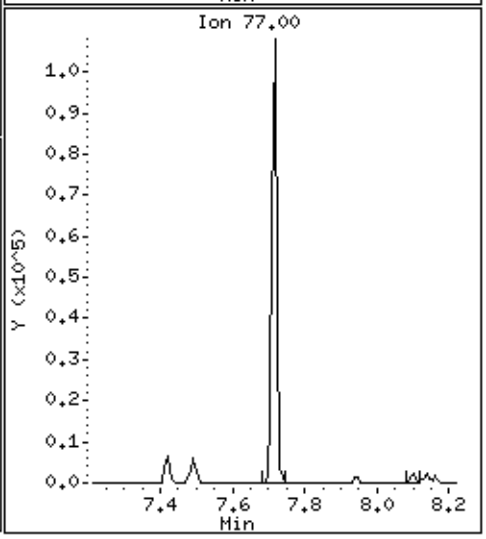


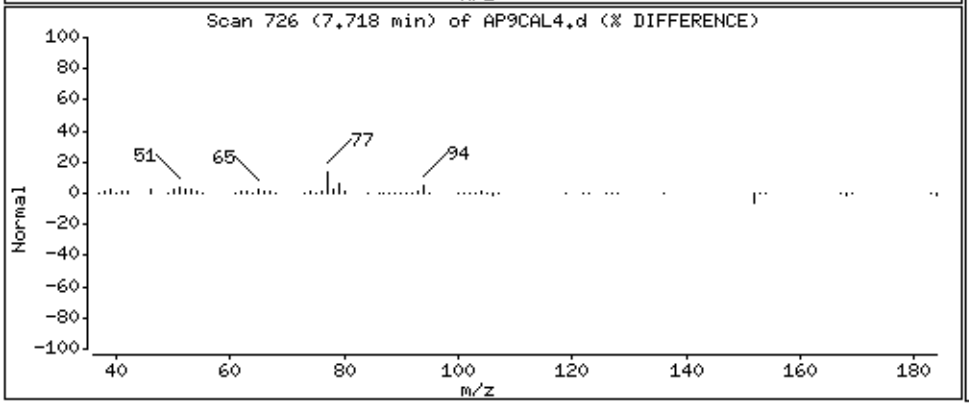












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

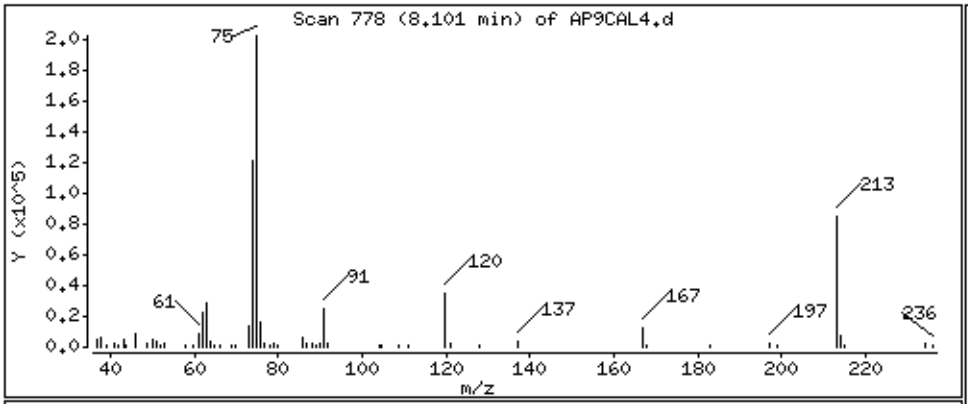
Operator: MJ

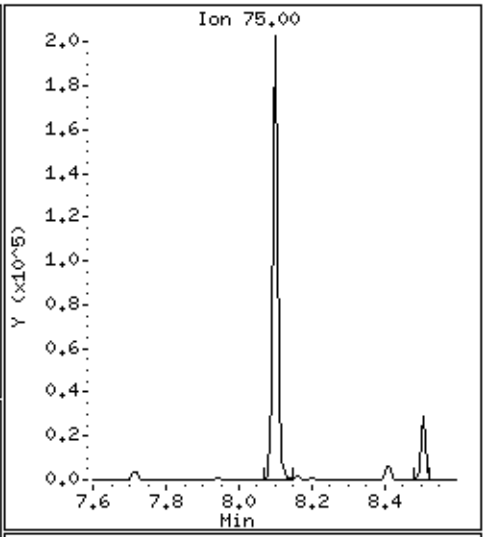
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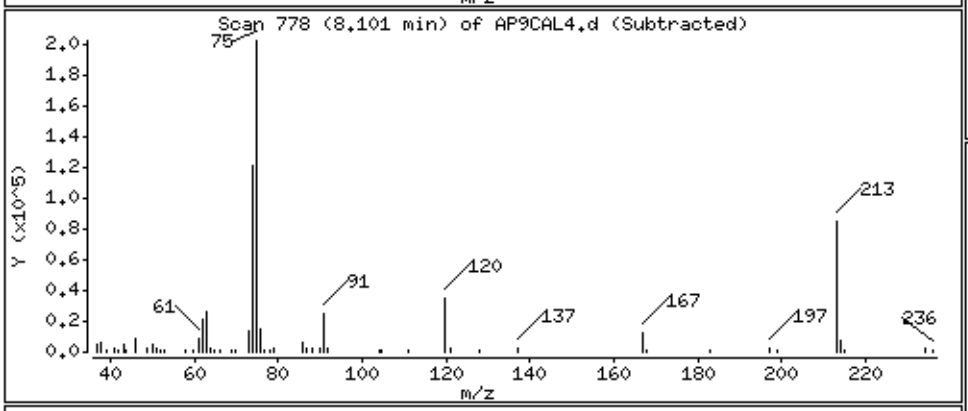
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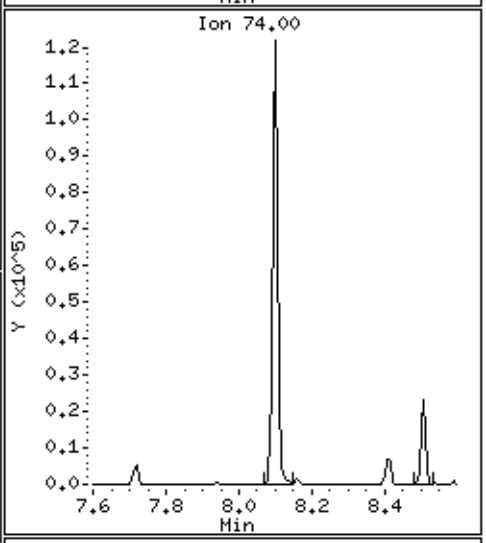
90 1,3,5-Trinitrobenzene

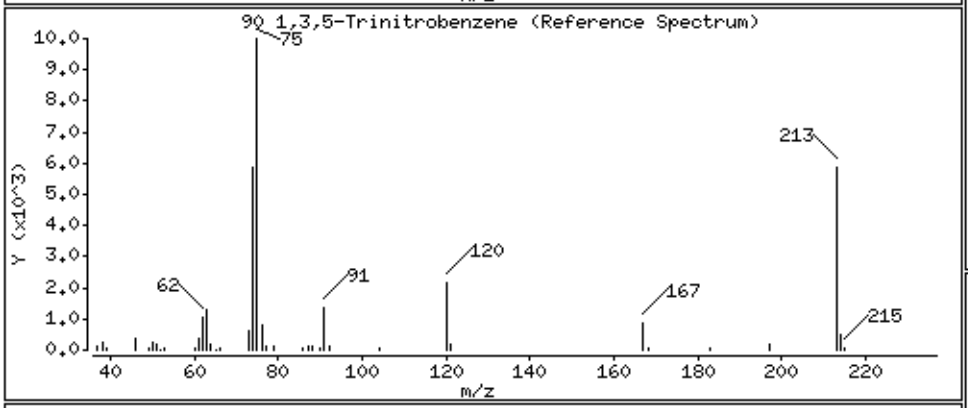
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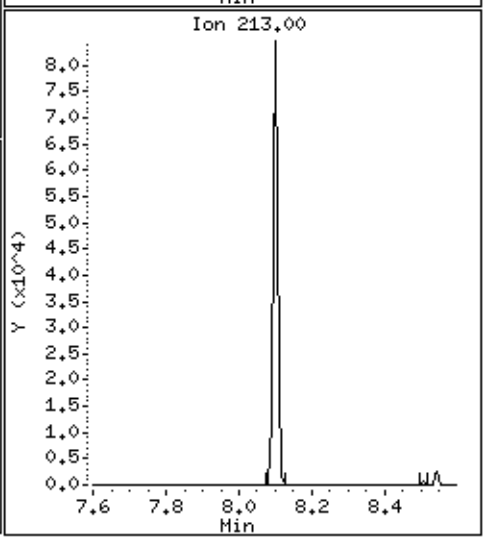


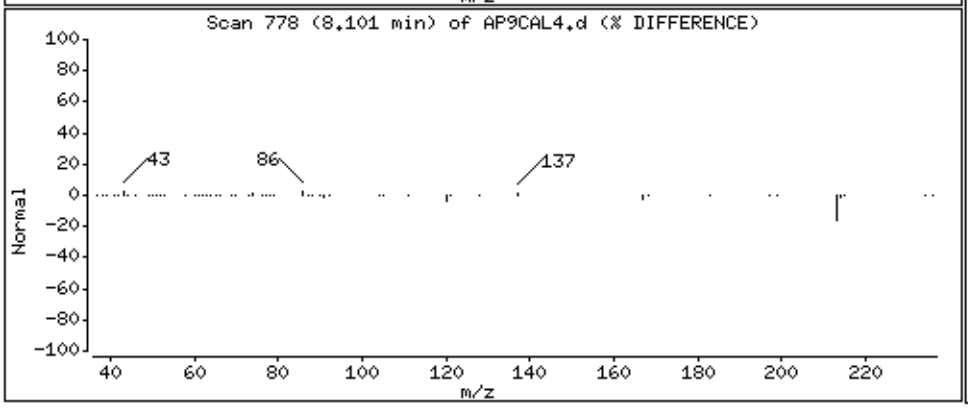












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Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

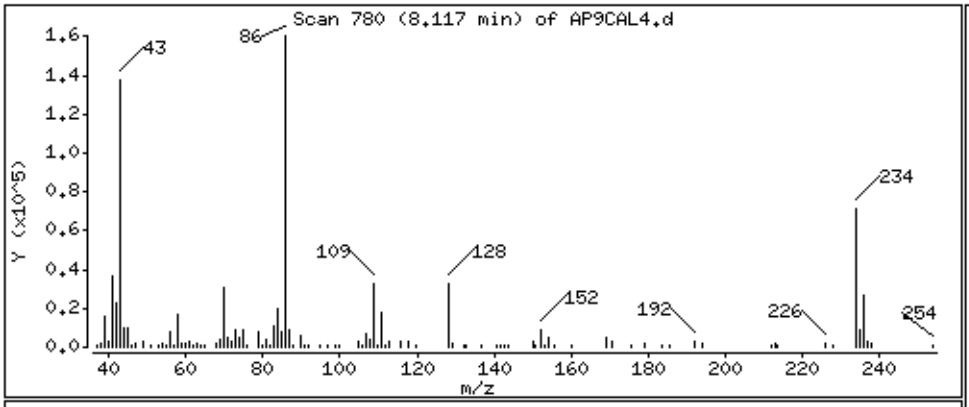
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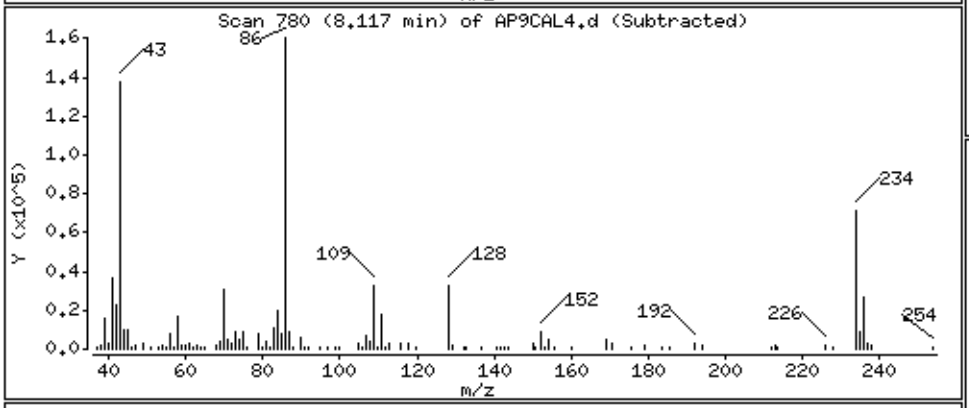
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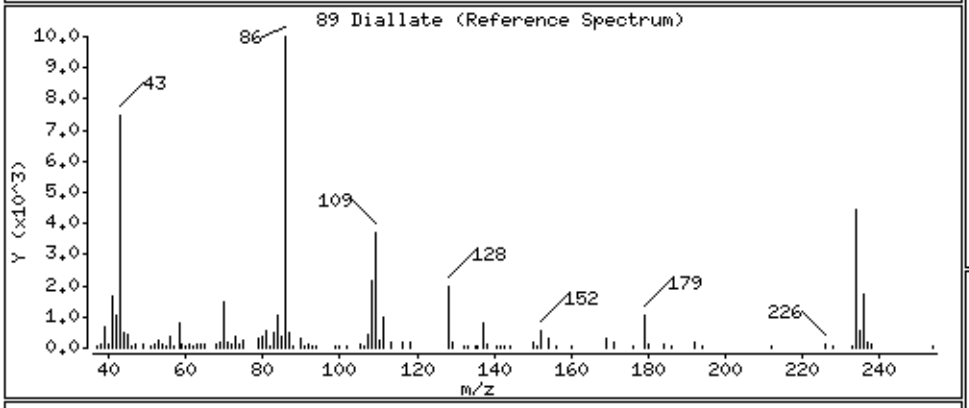
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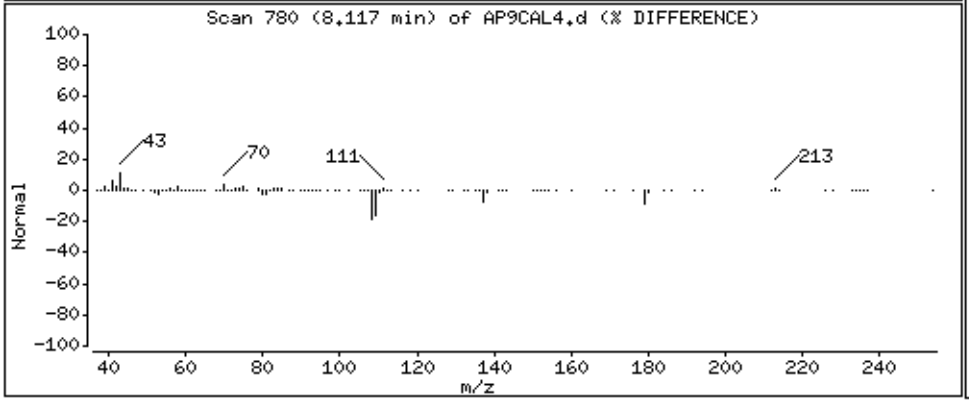
89 Diallate

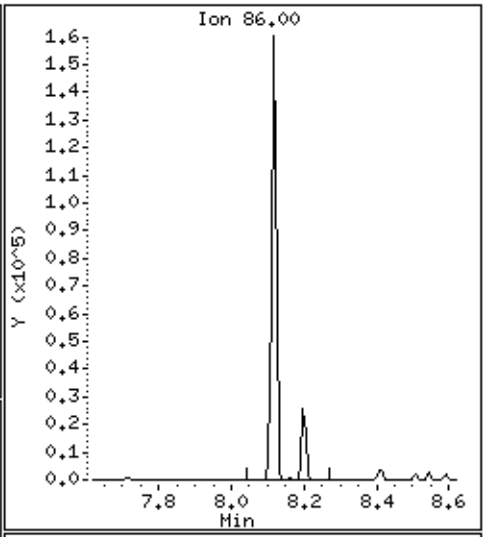
Concentration: 46.6 ug/l

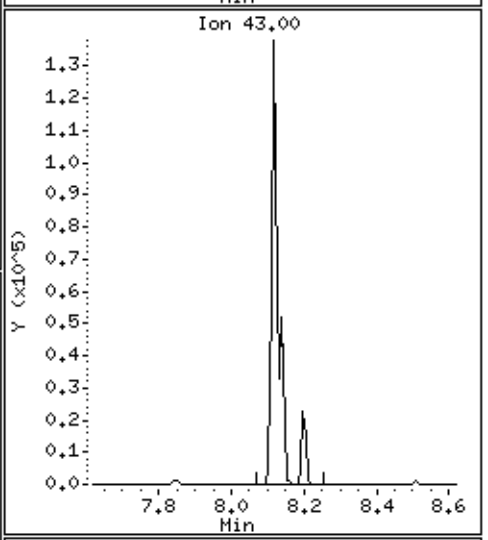


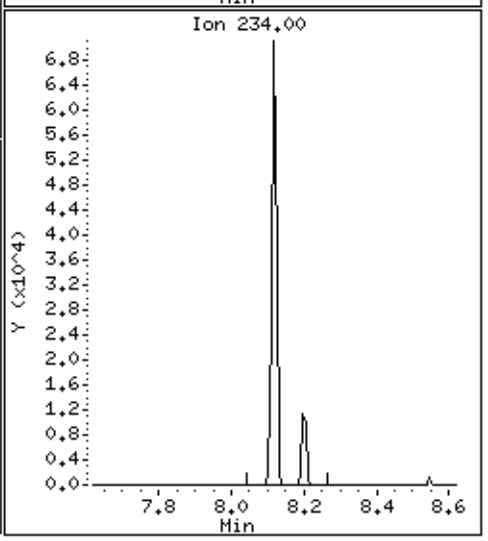












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

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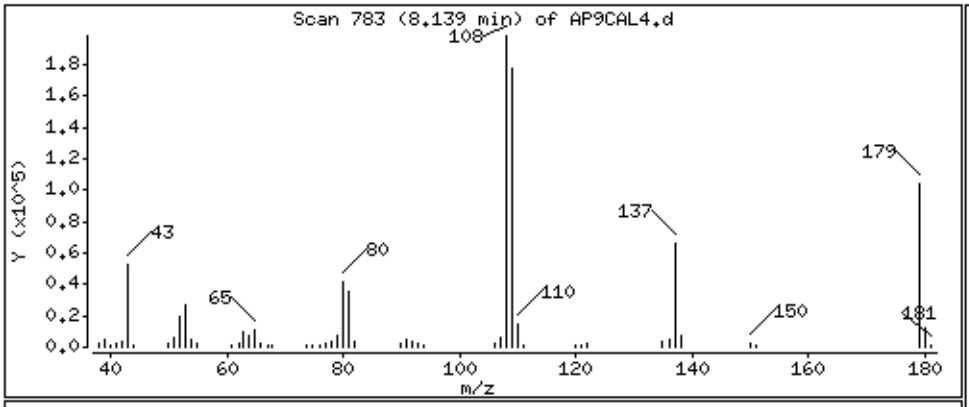
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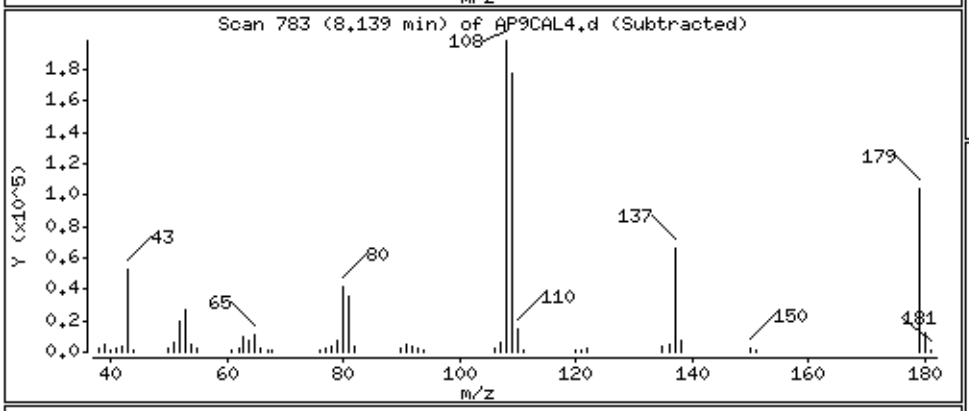
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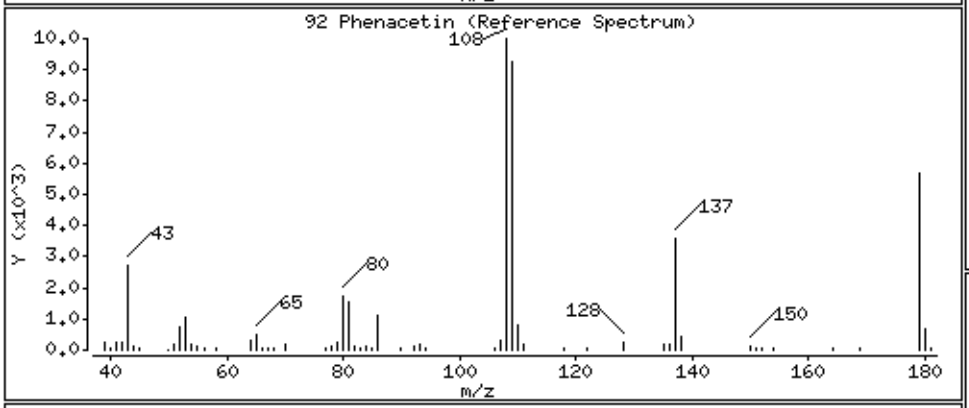
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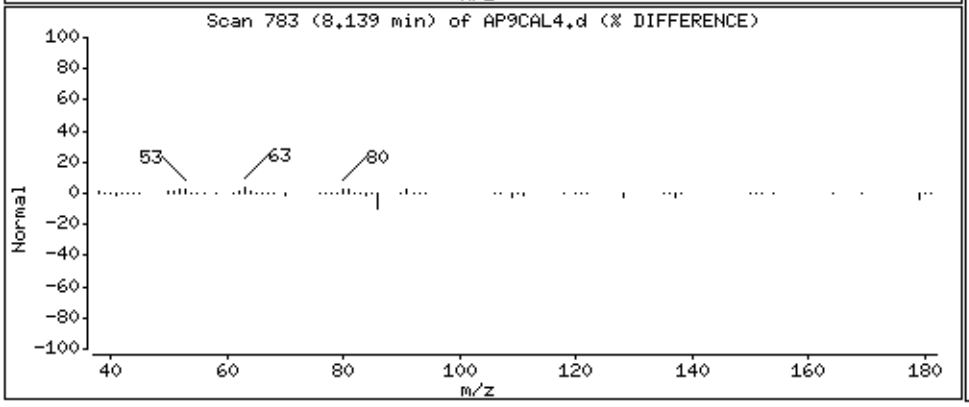
92 Phenacetin

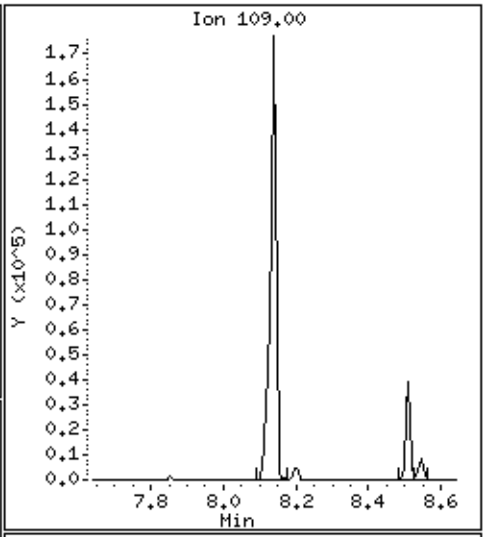
Concentration: 47.2 ug/l

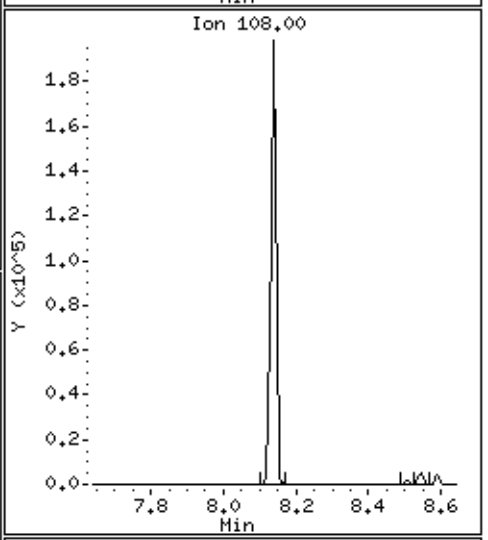


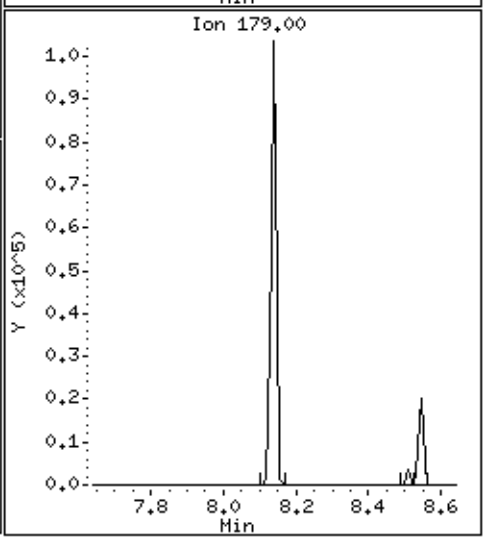












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

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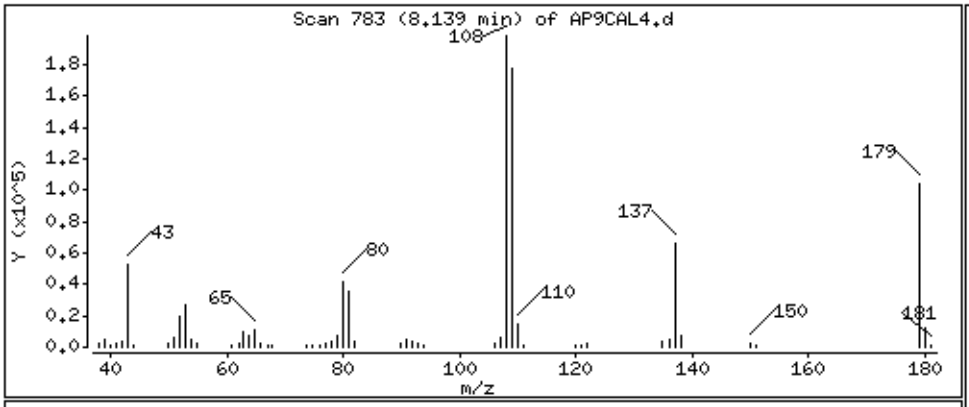
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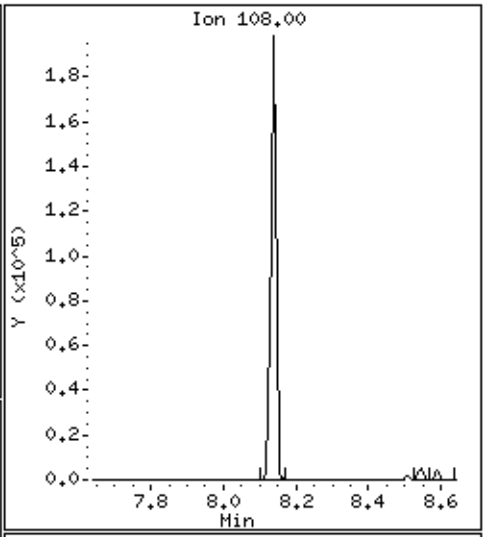
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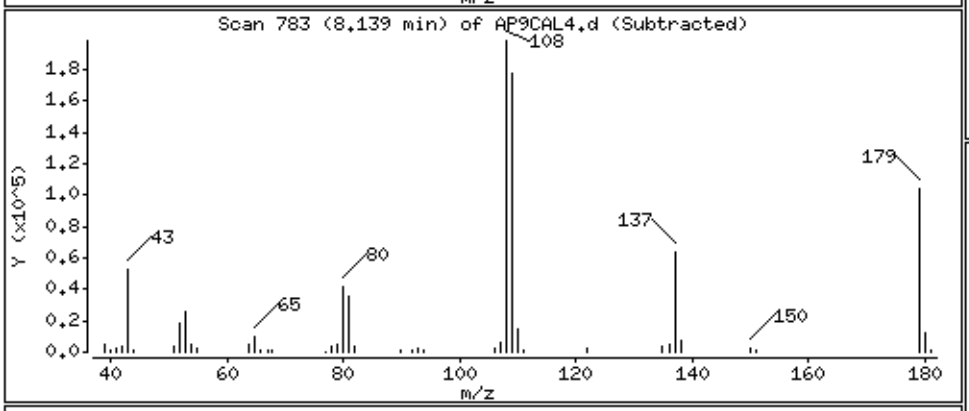
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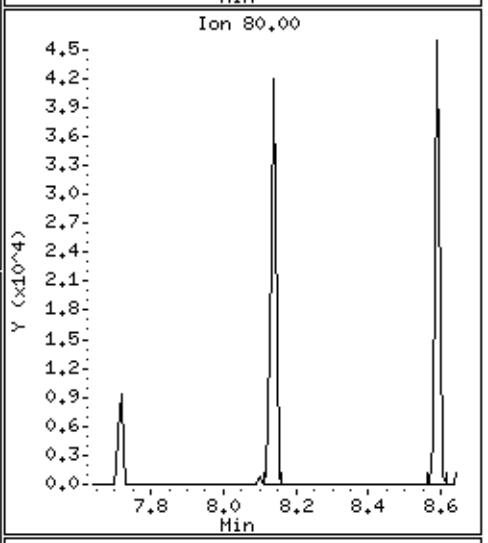
91 p-Phenylenediamine

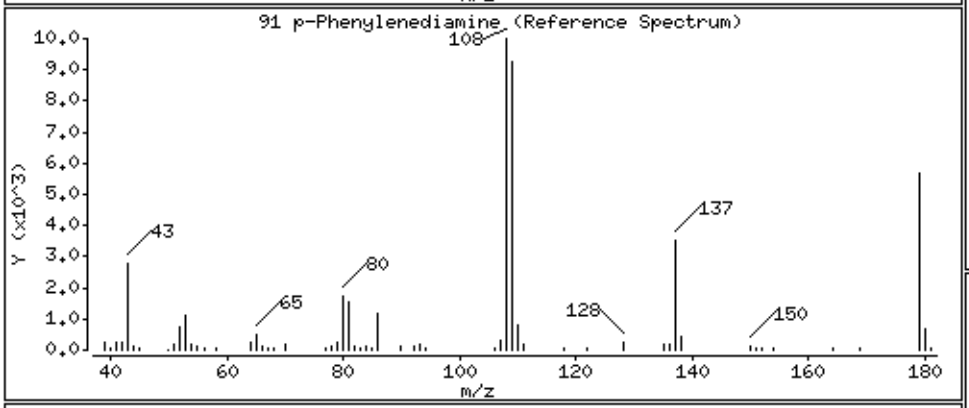
Concentration: 47.5 ug/l

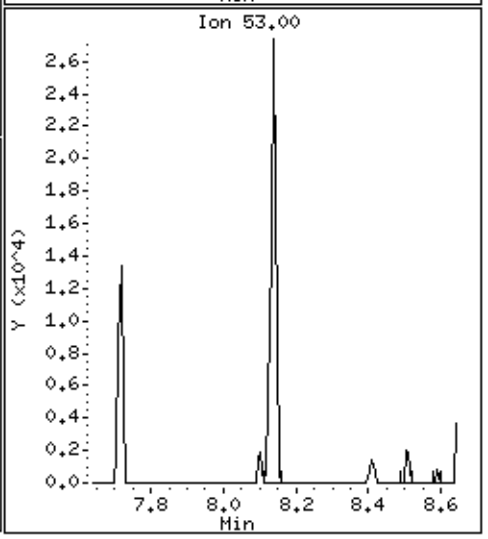


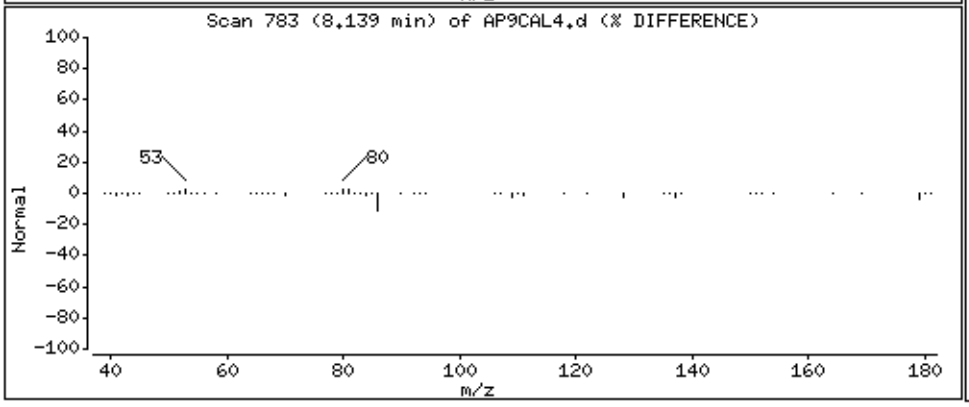












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

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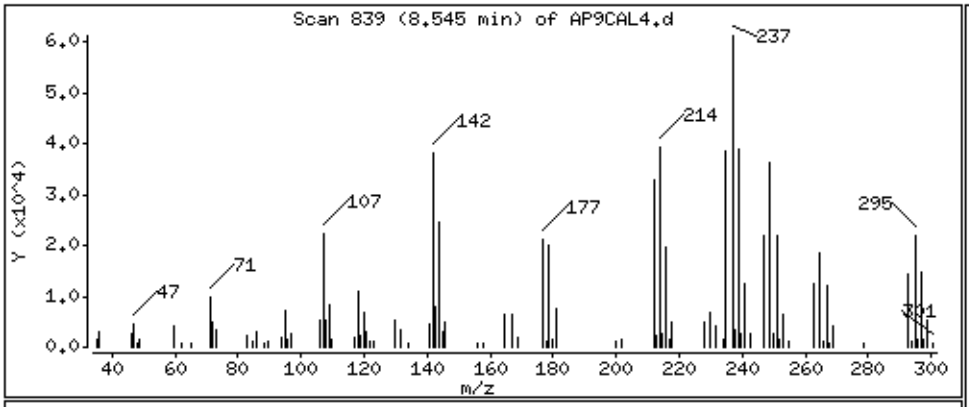
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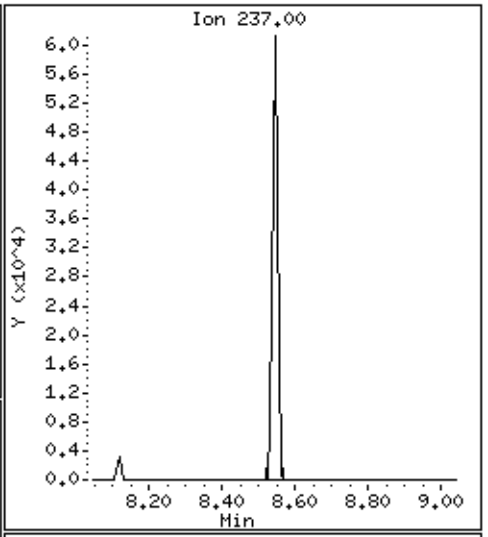
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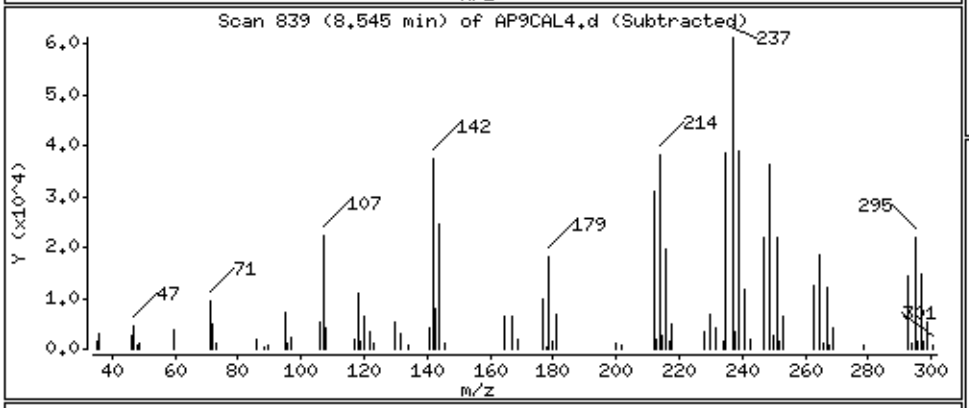
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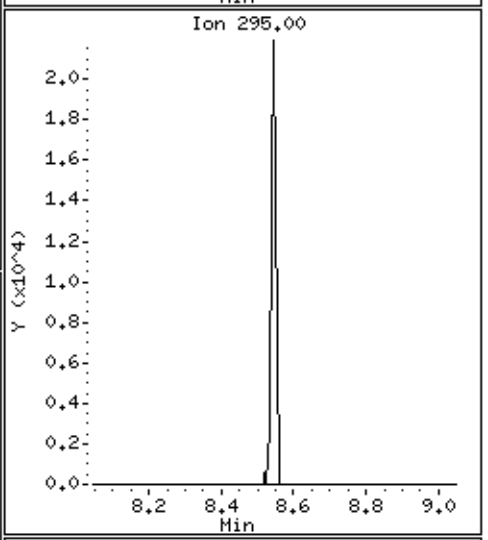
97 Pentachloronitrobenzene

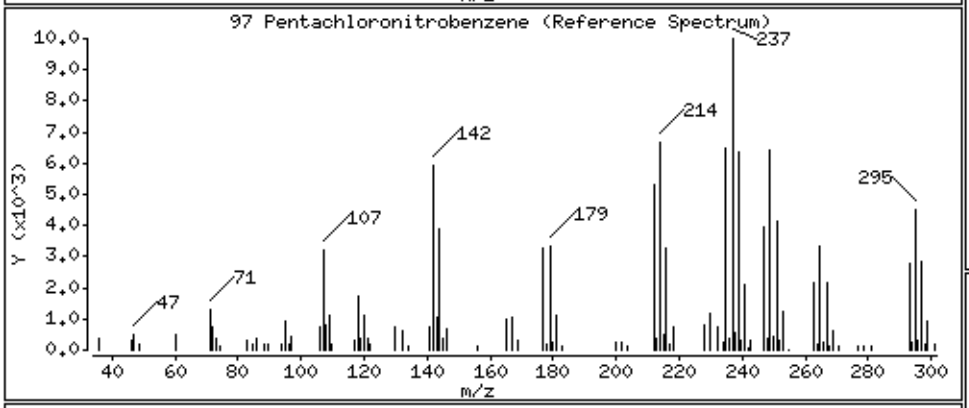
Concentration: 47.8 ug/l

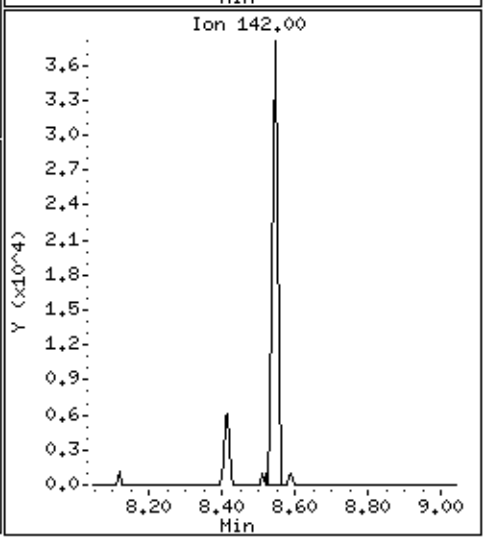


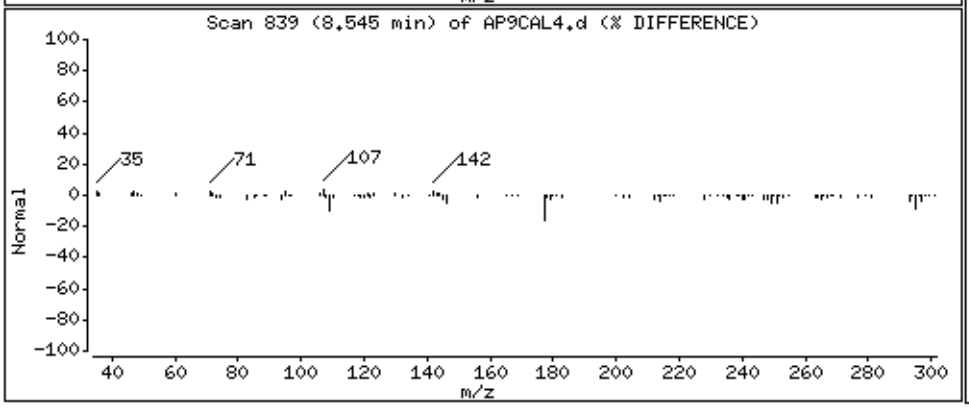












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

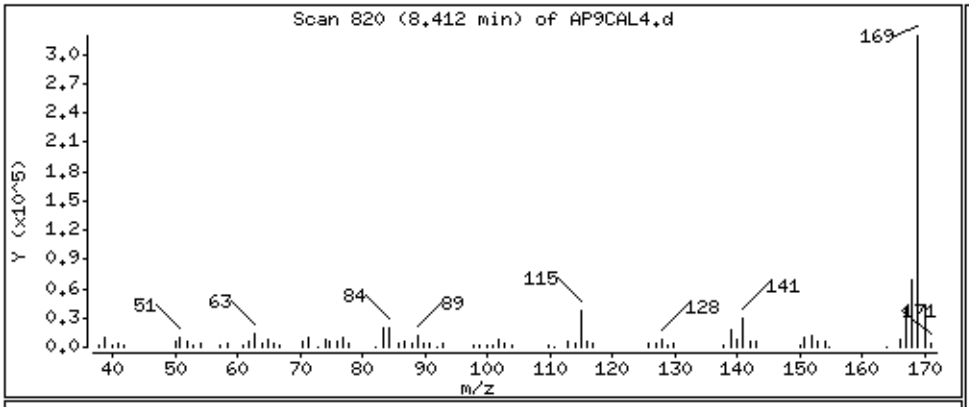
Operator: MJ

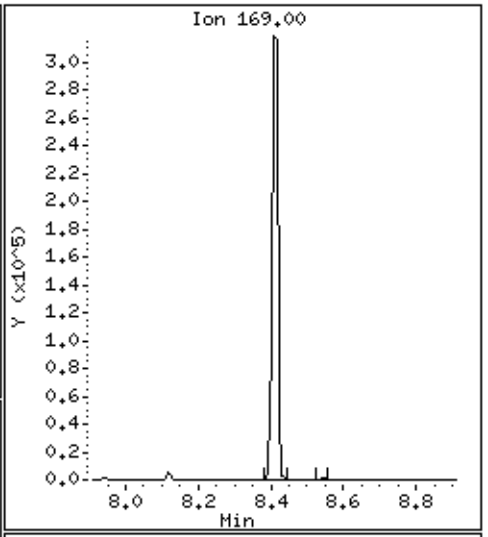
Column phase: HPMS-5

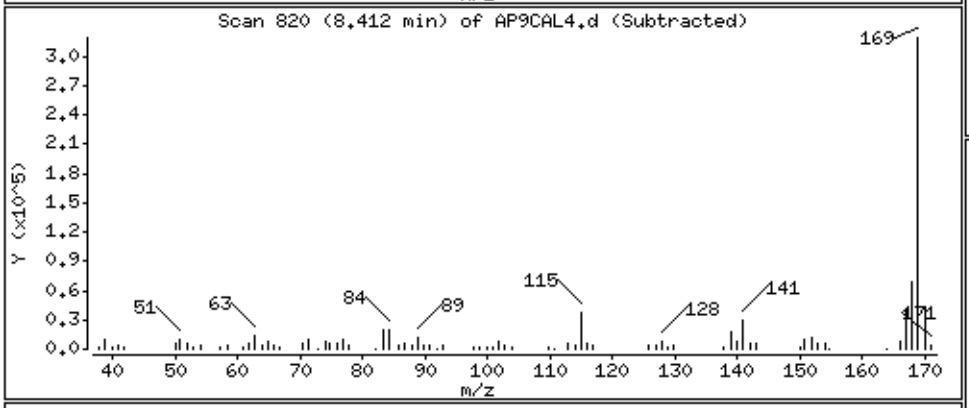
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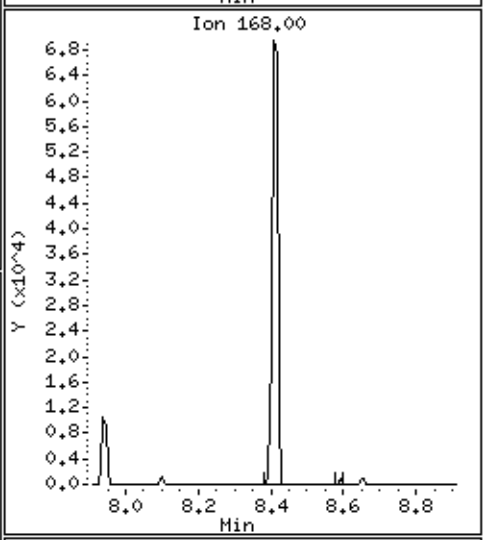
98 4-Aminobiphenyl

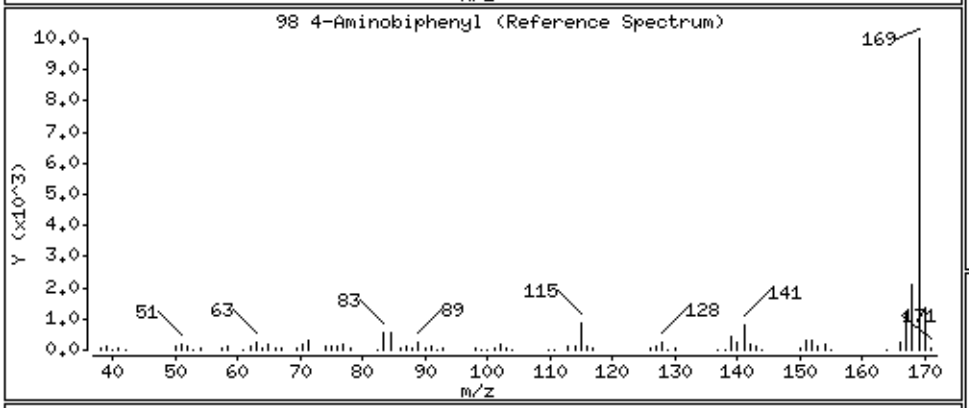
Concentration: 46.5 ug/l

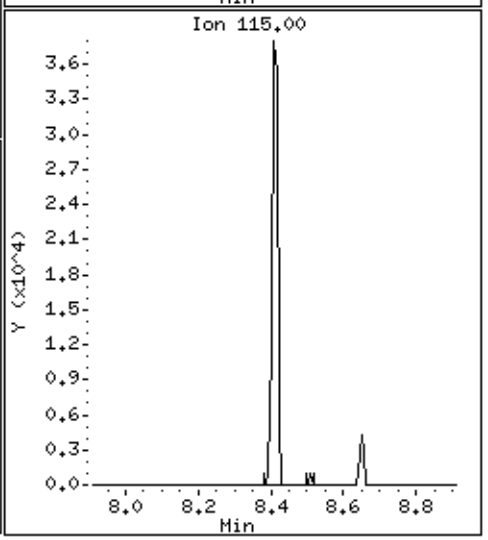


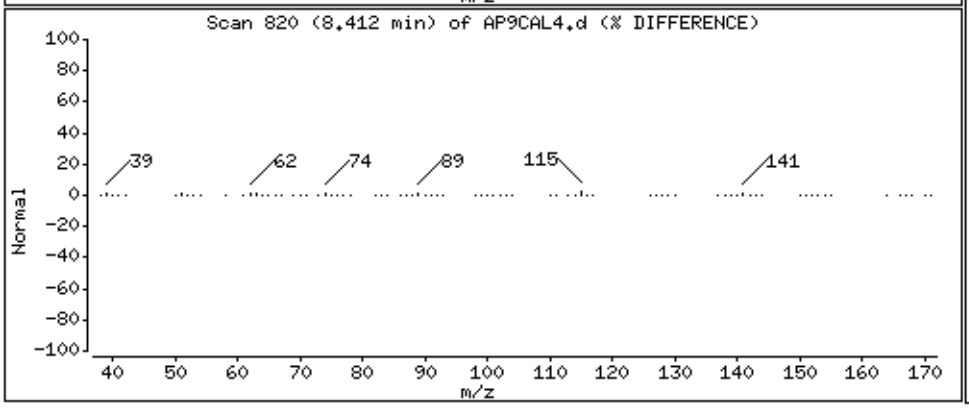












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

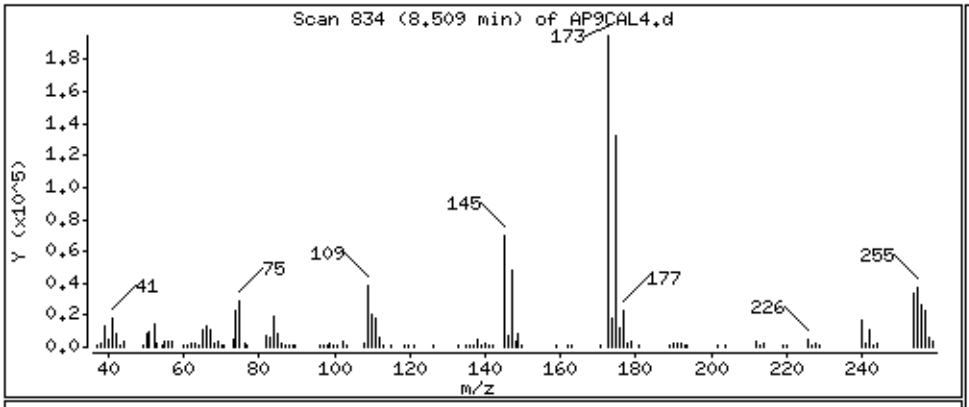
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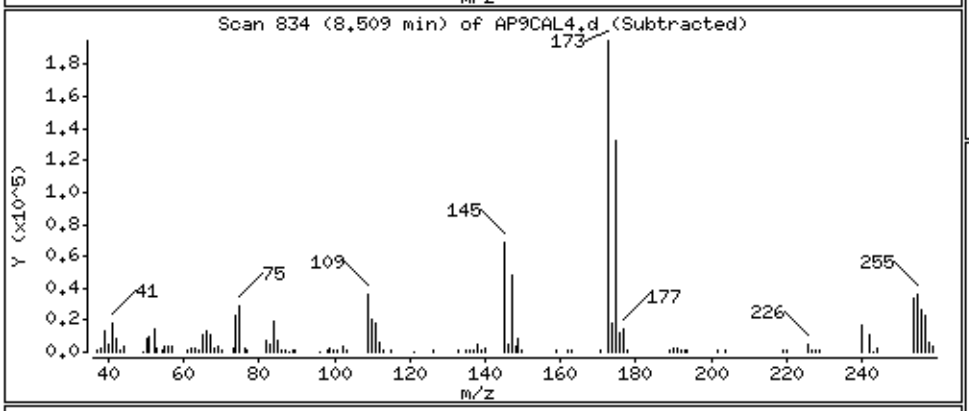
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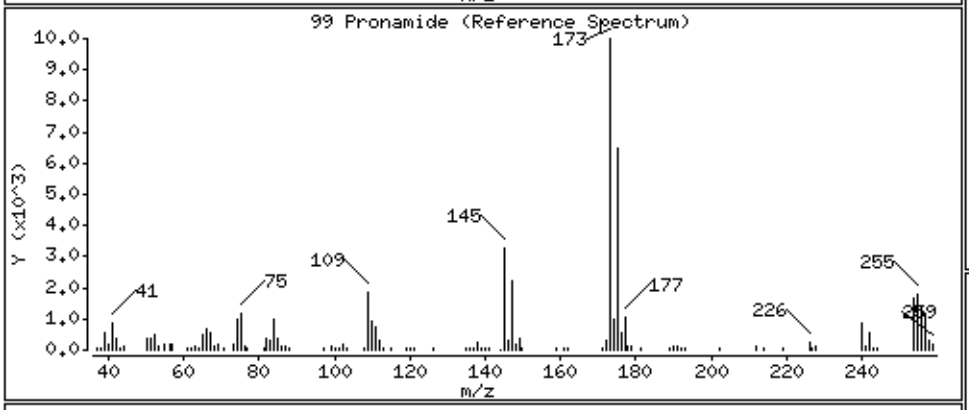
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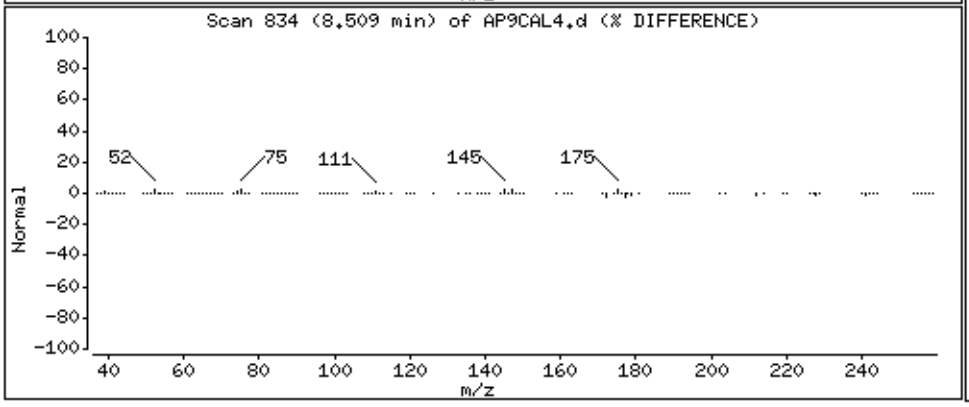
99 Pronamide

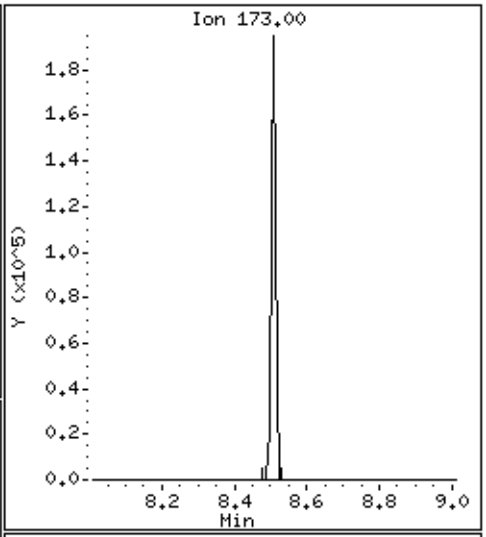
Concentration: 47.1 ug/l

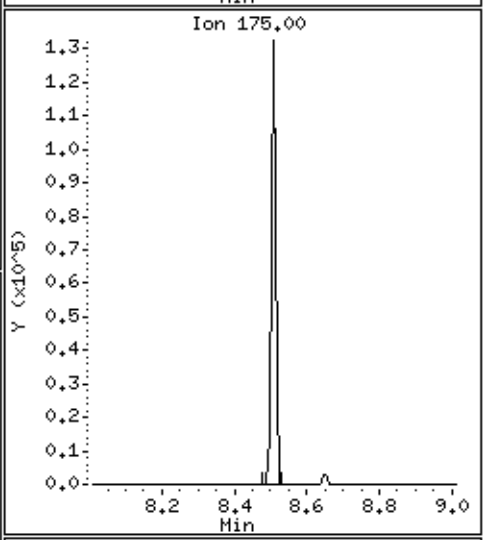


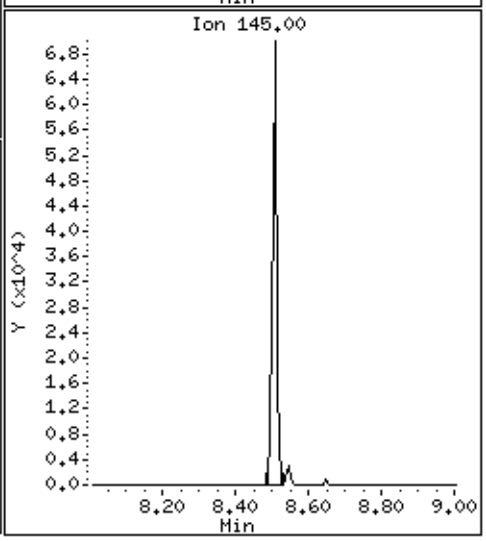












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

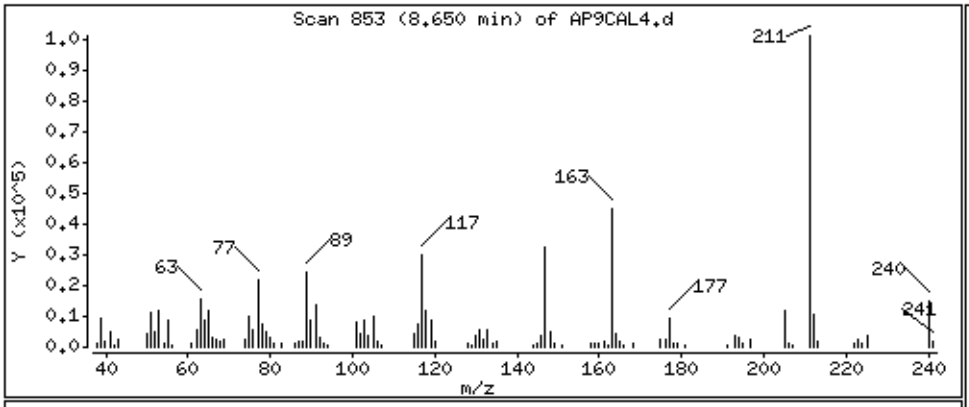
Operator: MJ

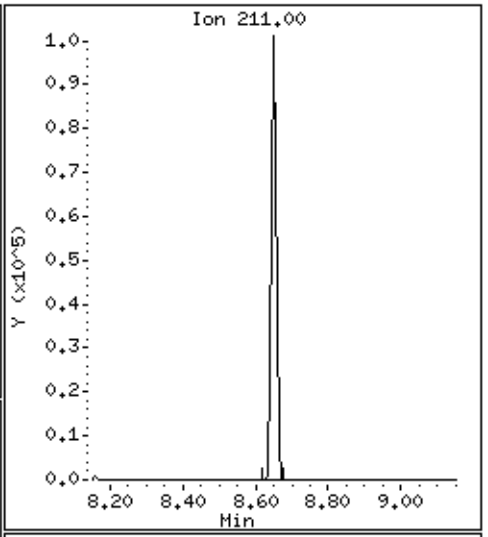
Column phase: HPMS-5

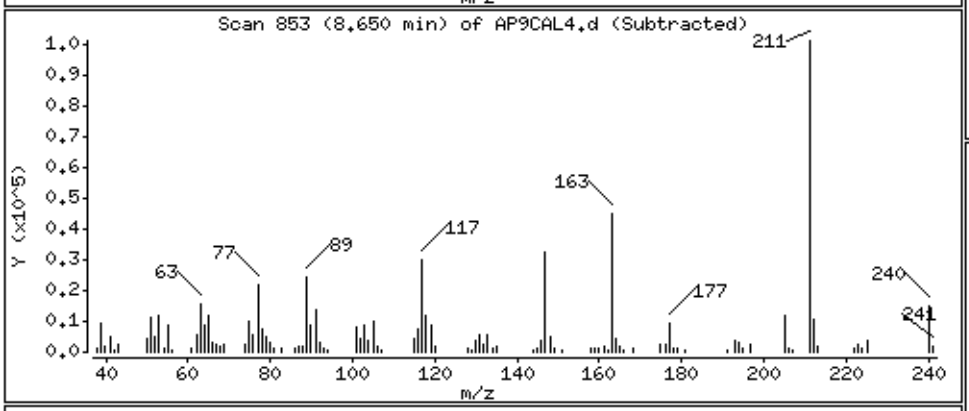
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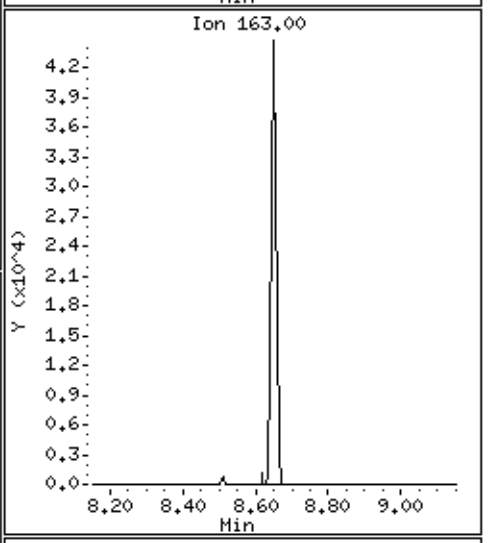
102 Dinoseb

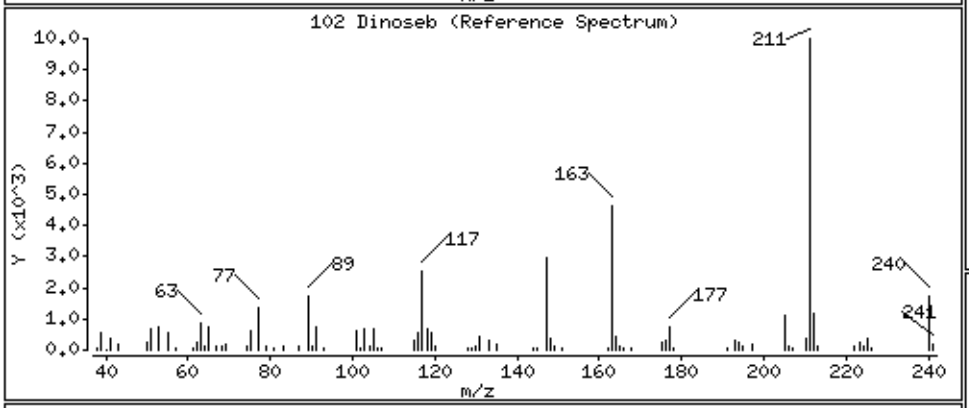
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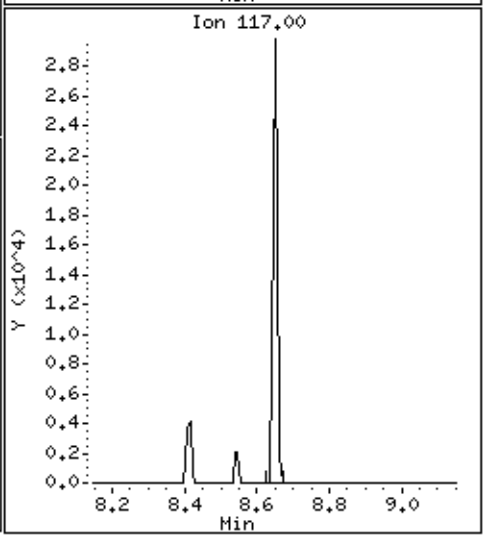


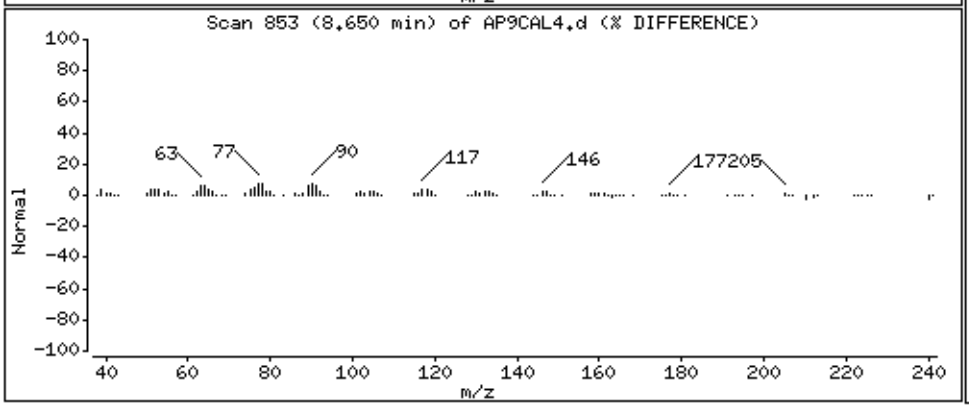












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

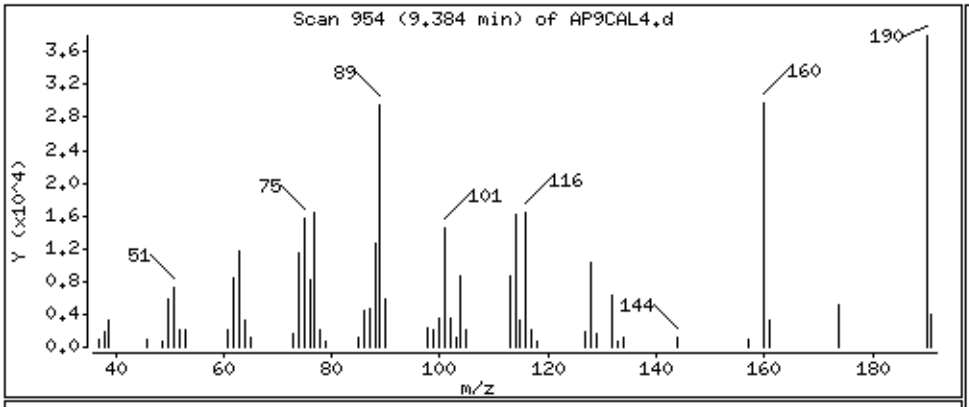
Operator: MJ

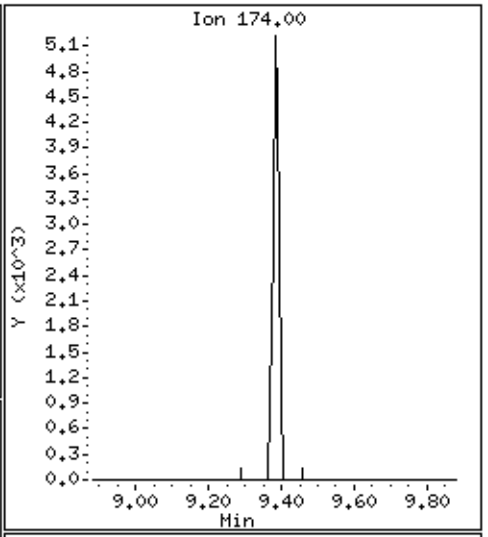
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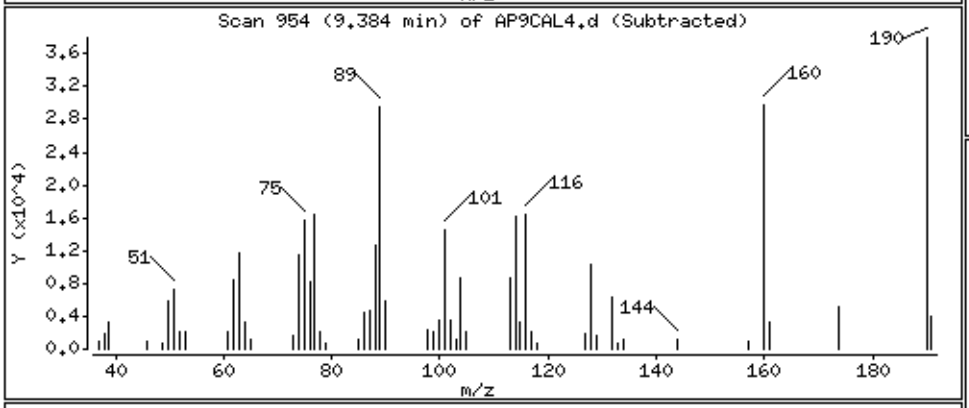
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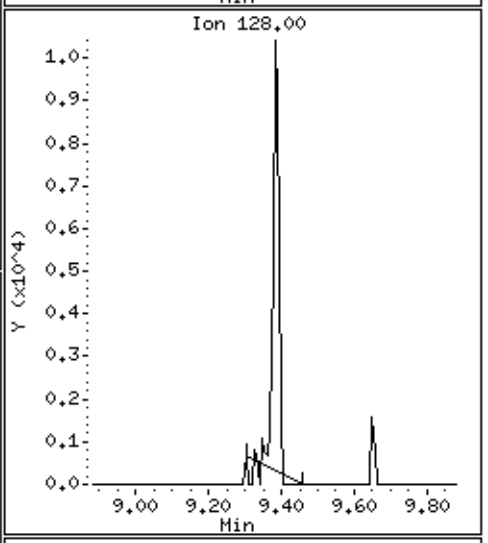
106 4-Nitroquinoline-1-oxide

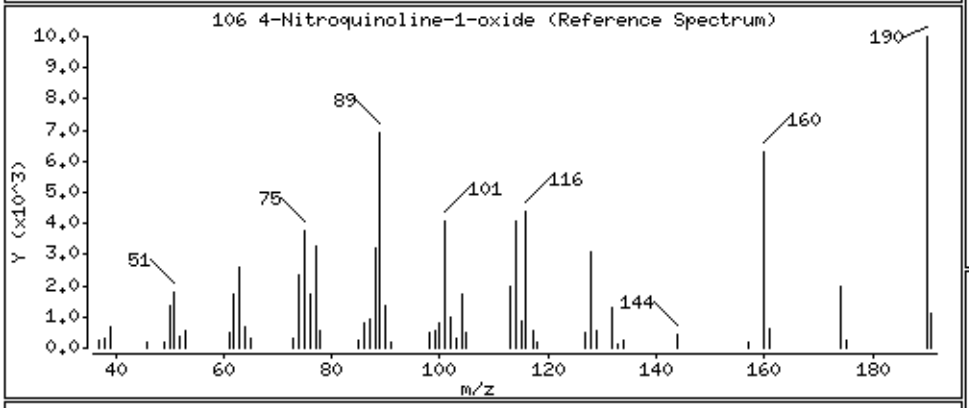
Concentration: 48.0 ug/l

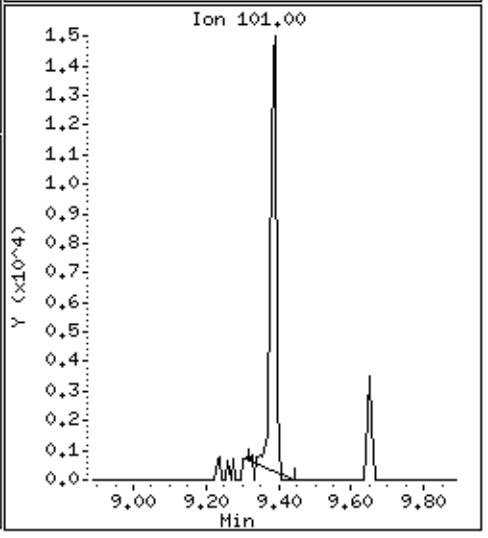


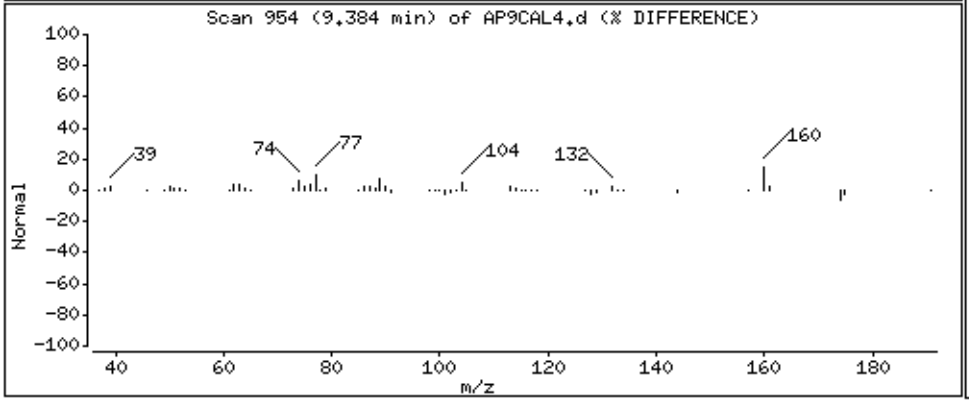












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Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

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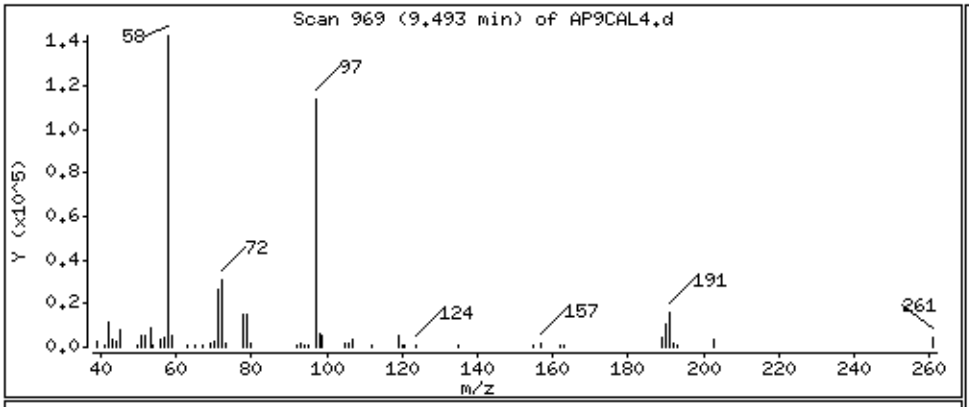
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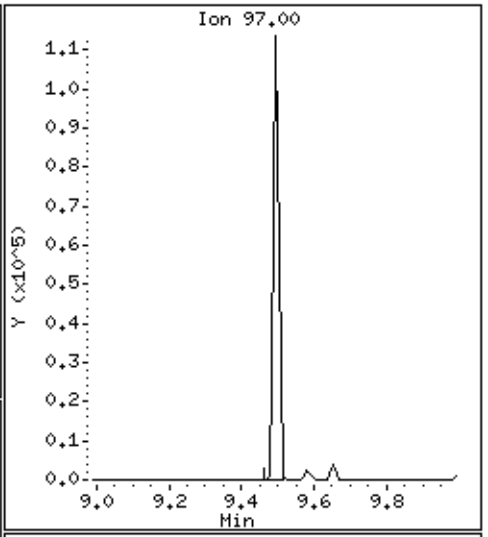
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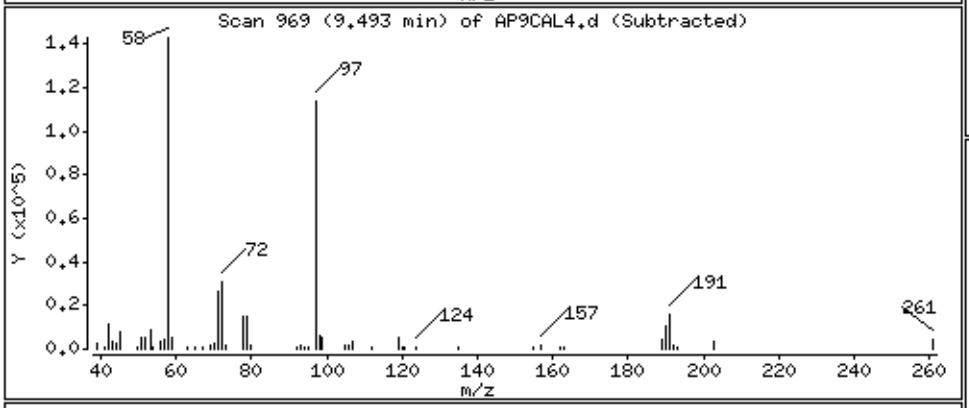
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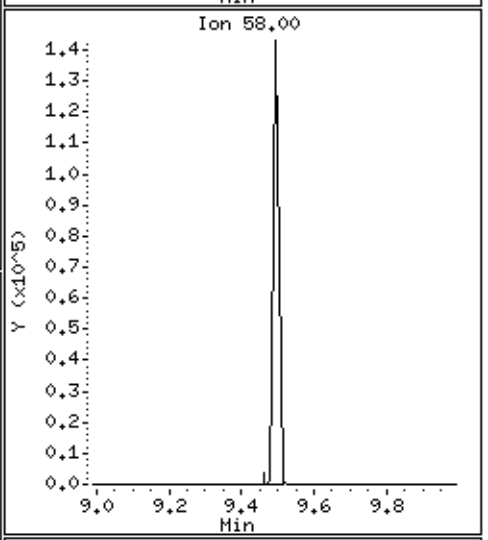
107 Methapyrilene

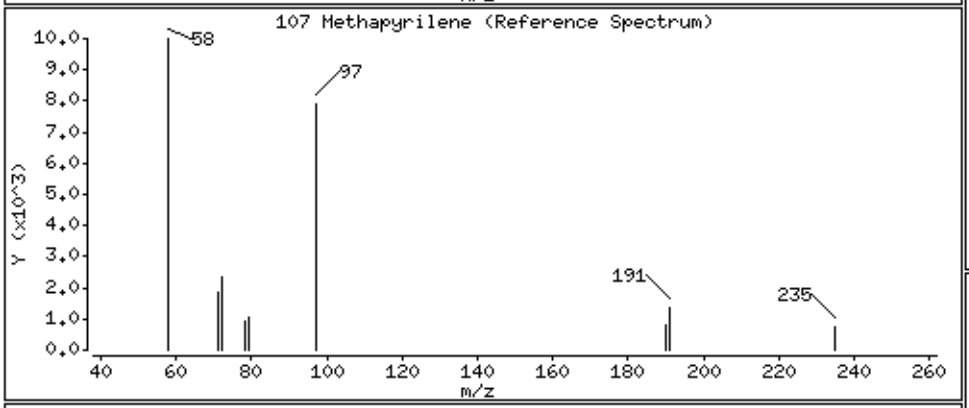
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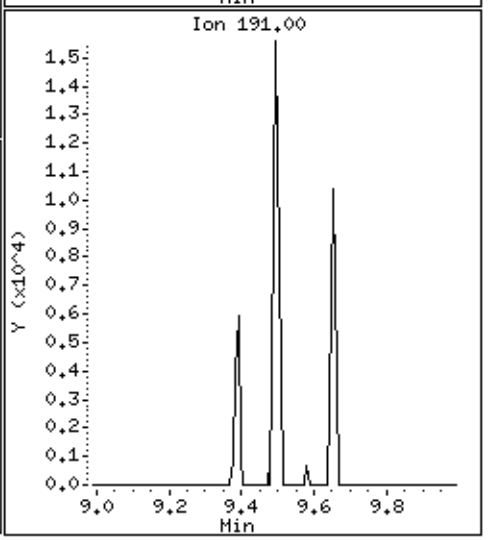


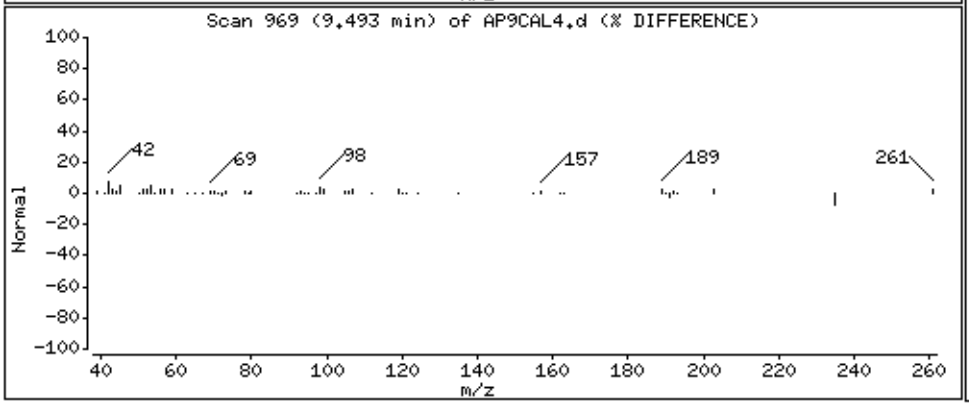












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Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

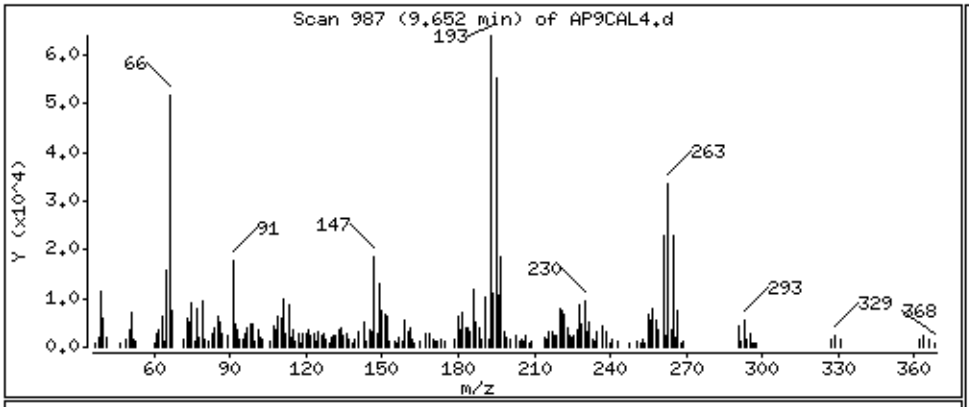
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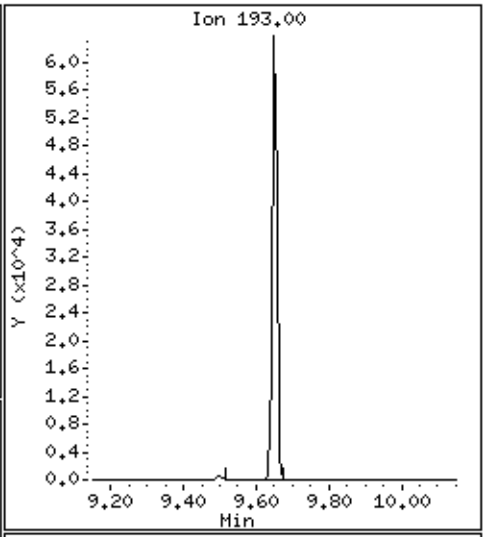
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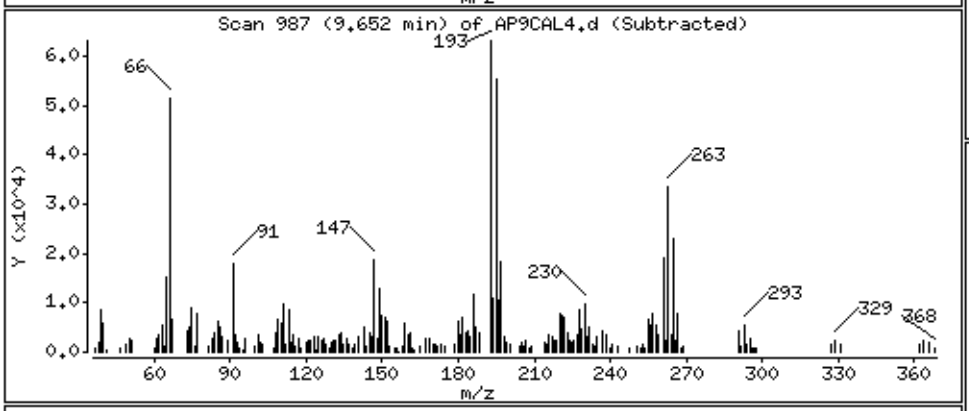
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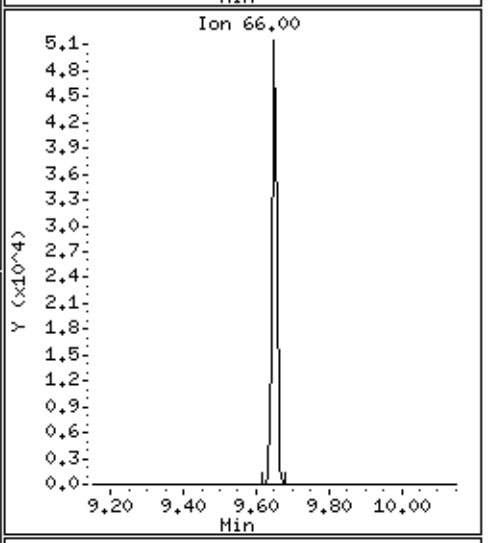
108 Isodrin

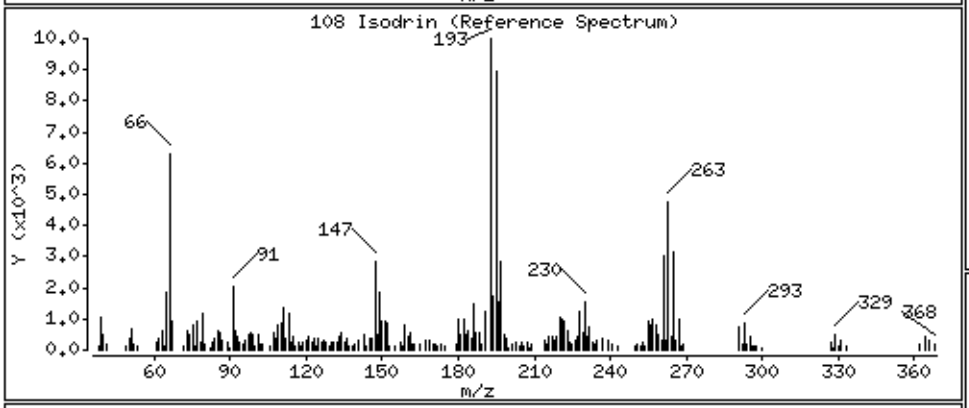
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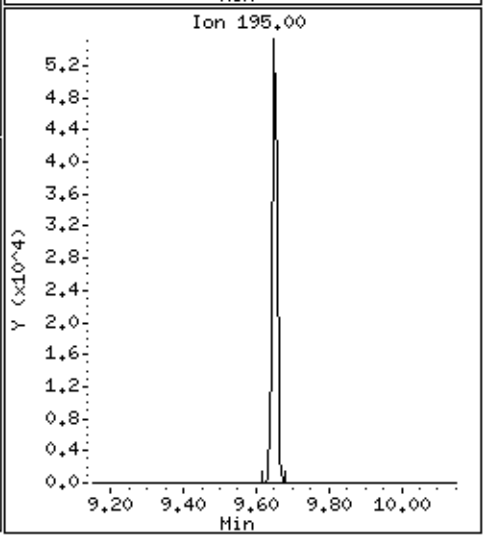


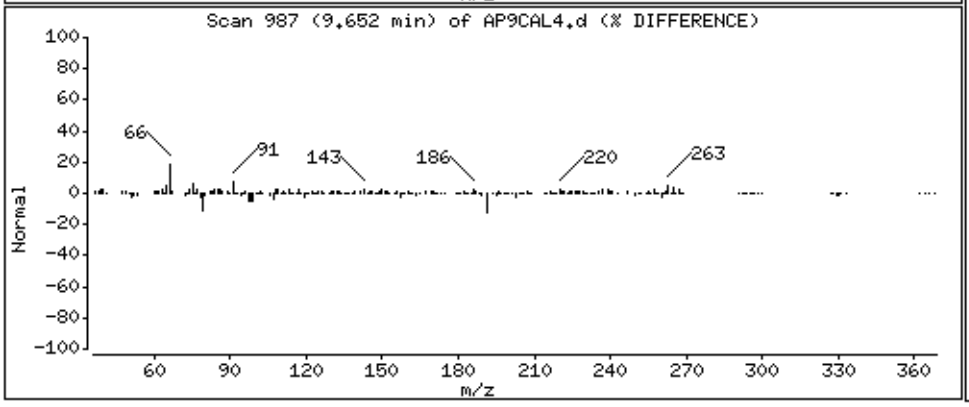












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Date : 26-NOV-2012 17:46

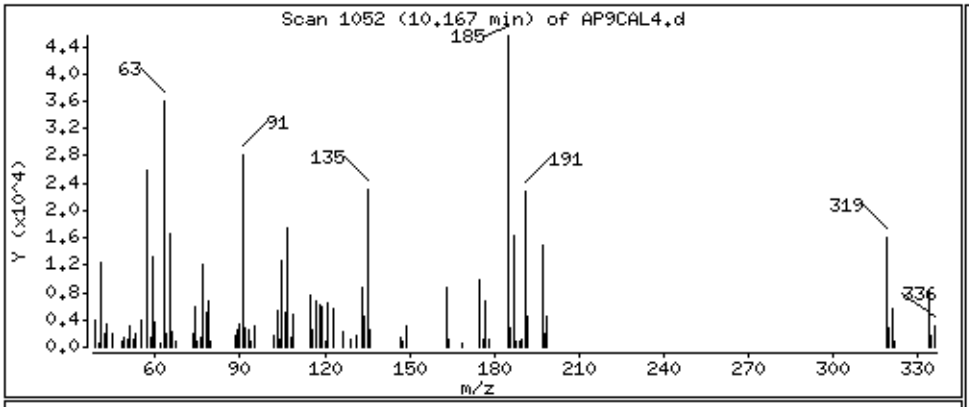
Client ID: AP9CAL4 Instrument: smsd04.i

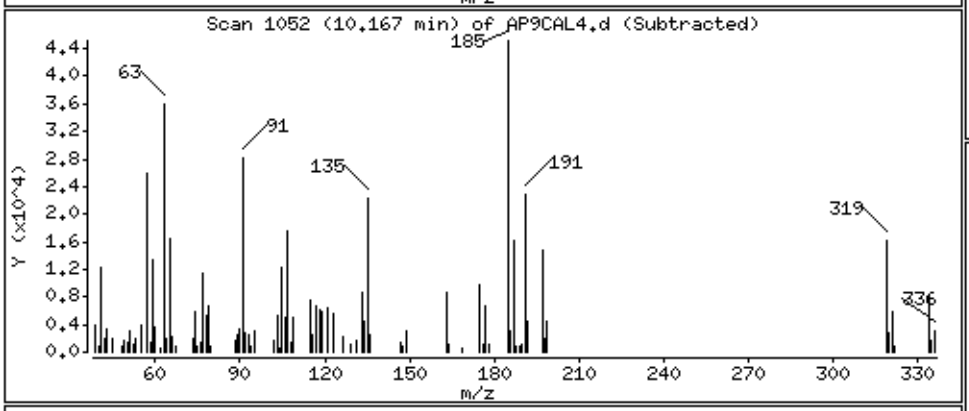
Sample Info: 47936

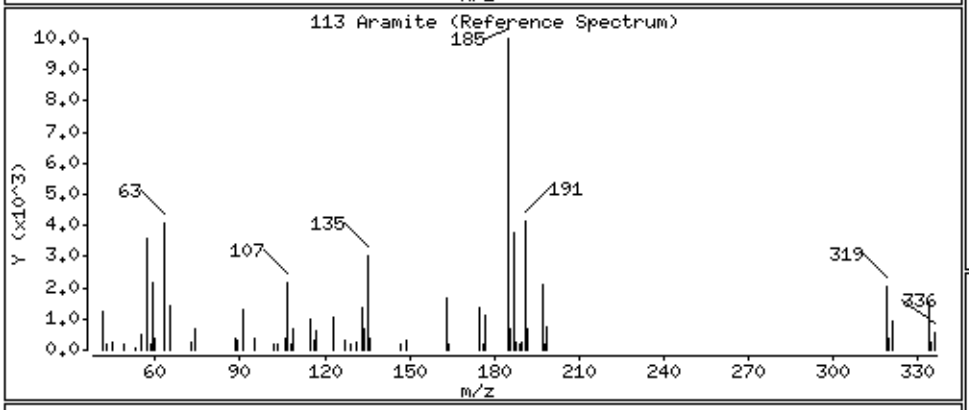
Purge Volume: 1000.0 Operator: MJ

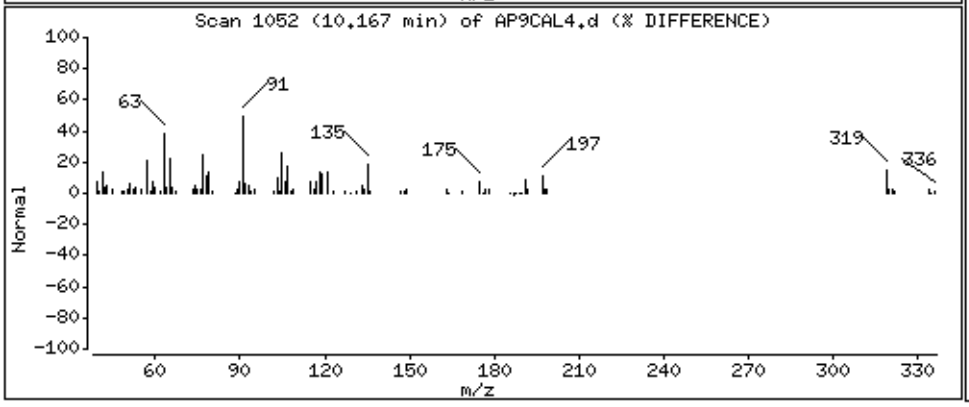
Column phase: HPMS-5 Column diameter: 0.25

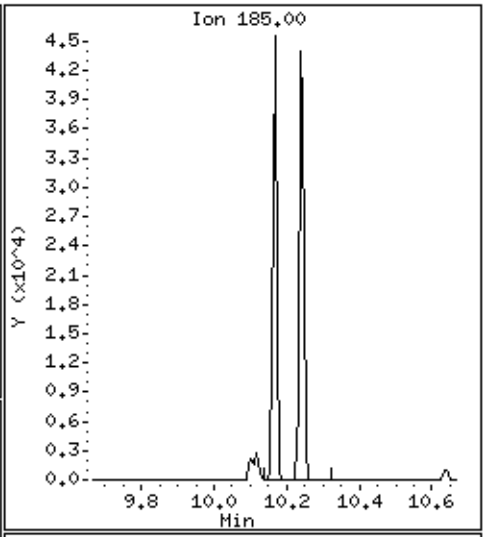
113 Aramite Concentration: 48.5 ug/l

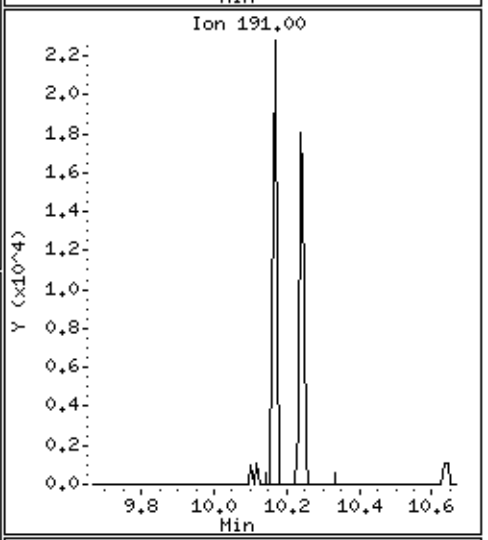


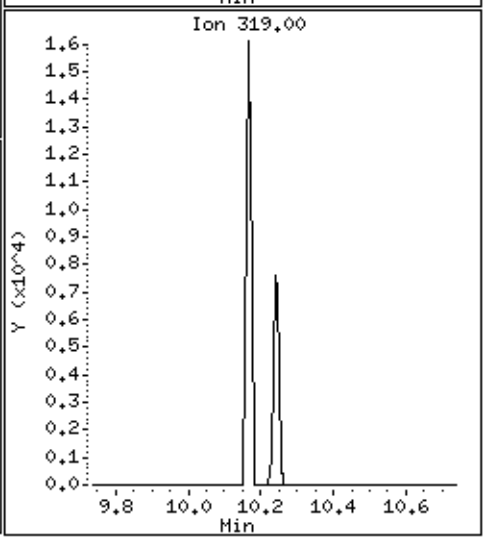












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

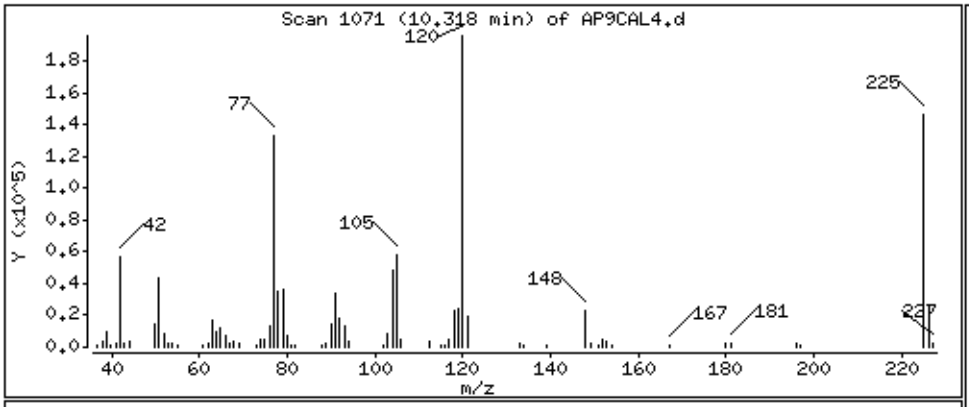
Operator: MJ

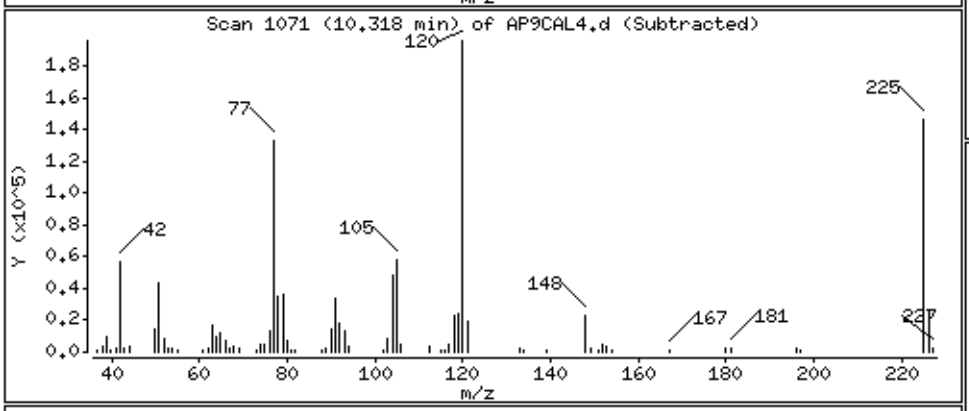
Column phase: HPMS-5

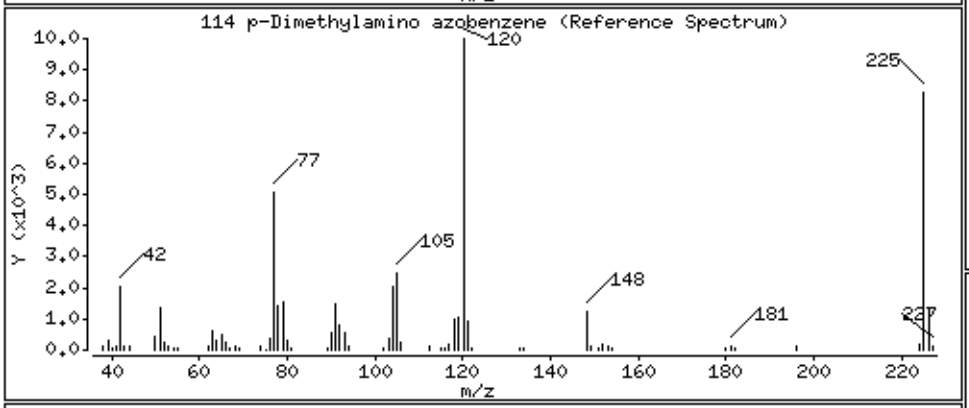
Column diameter: 0.25

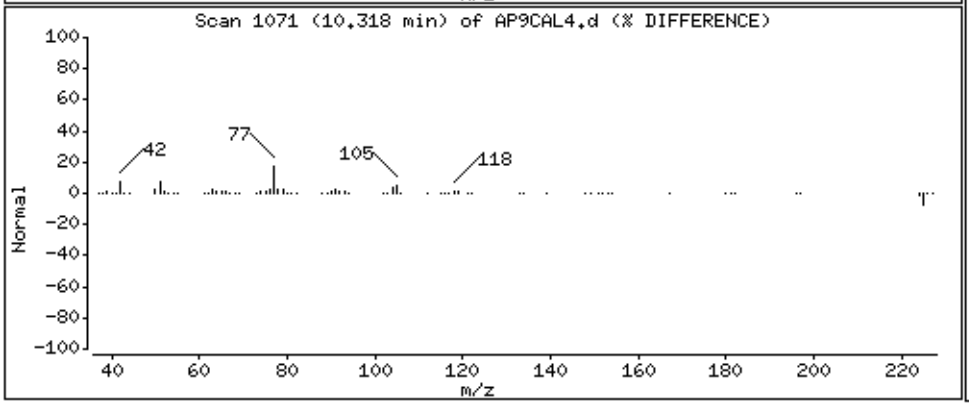
114 p-Dimethylamino azobenzene

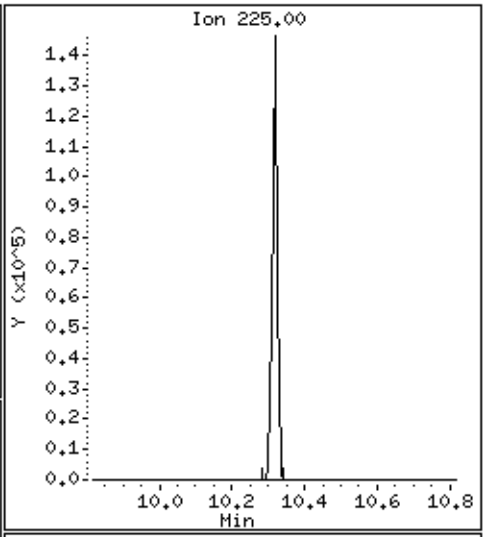
Concentration: 46.5 ug/l

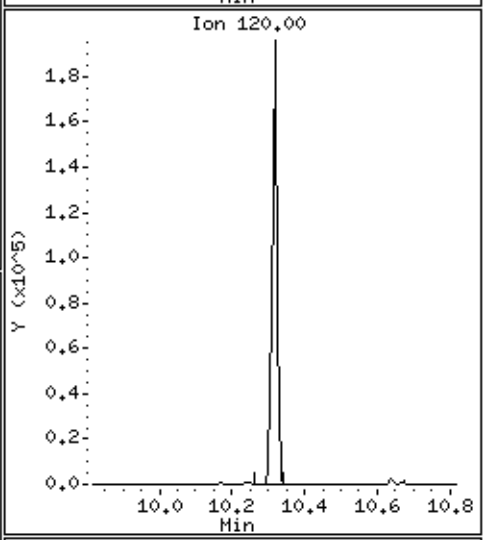


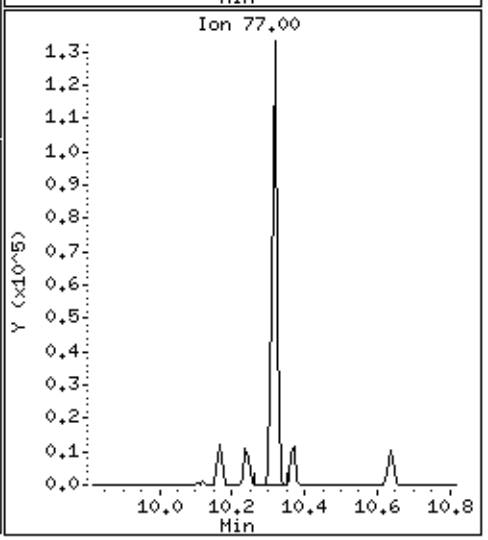












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

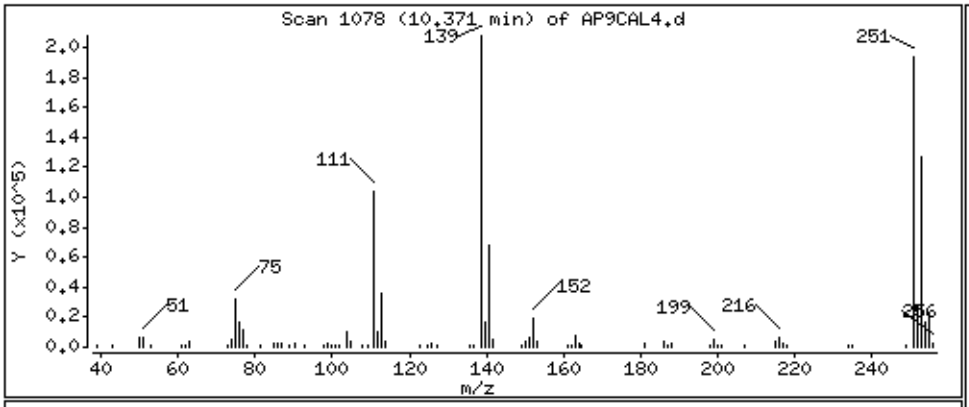
Operator: MJ

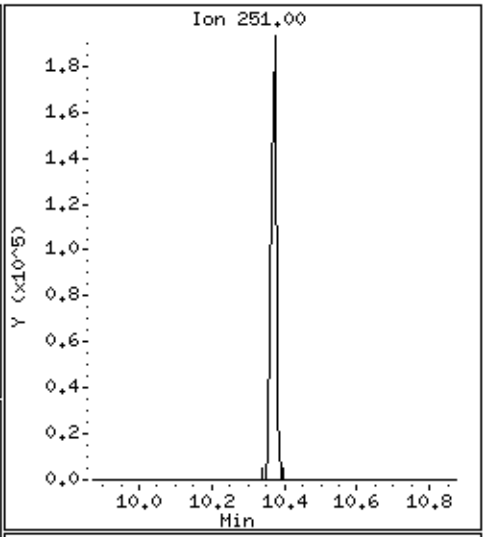
Column phase: HPMS-5

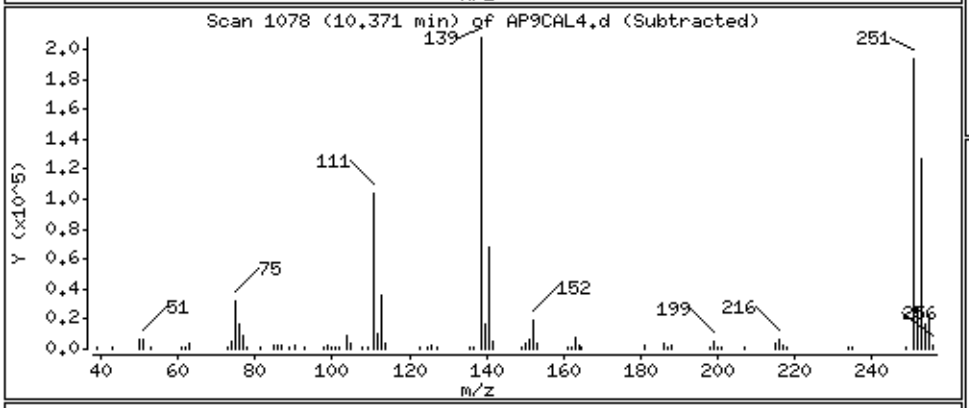
Column diameter: 0.25

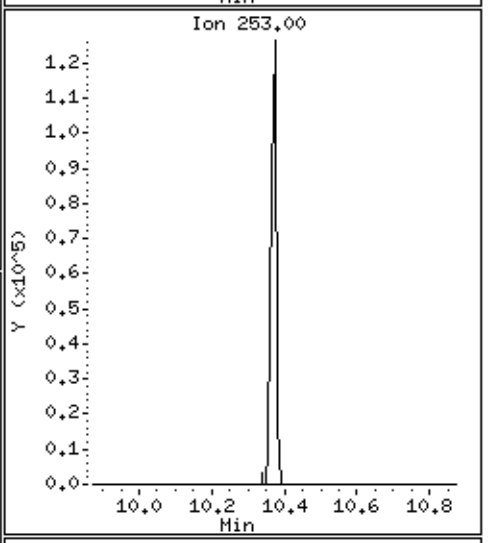
115 Chlorobenzilate

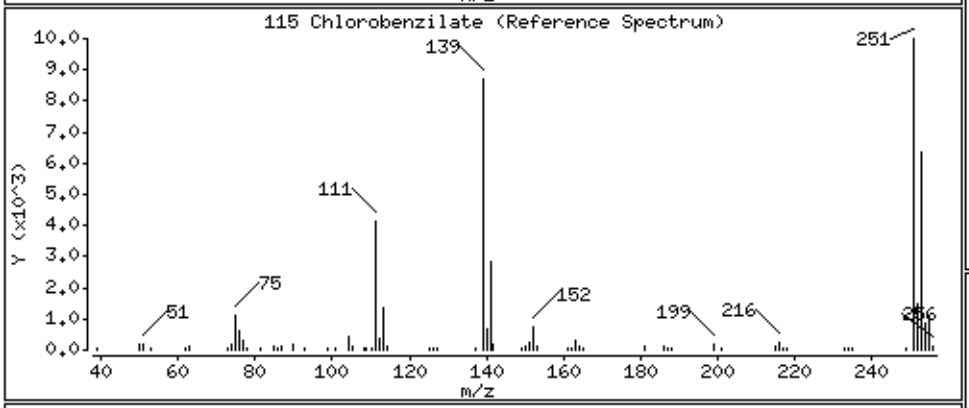
Concentration: 46.2 ug/l

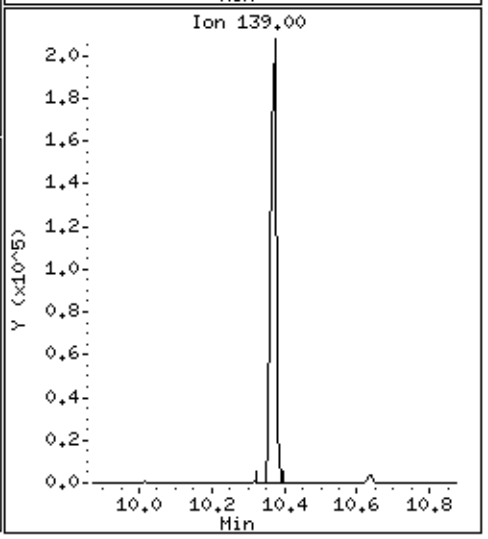


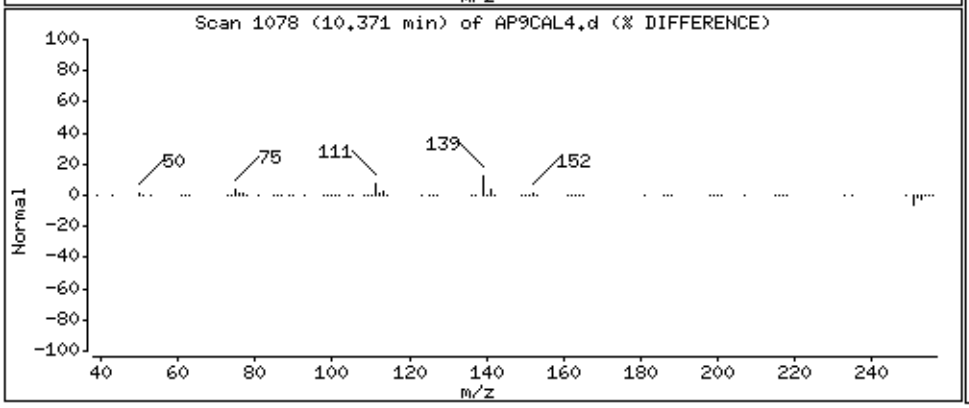












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

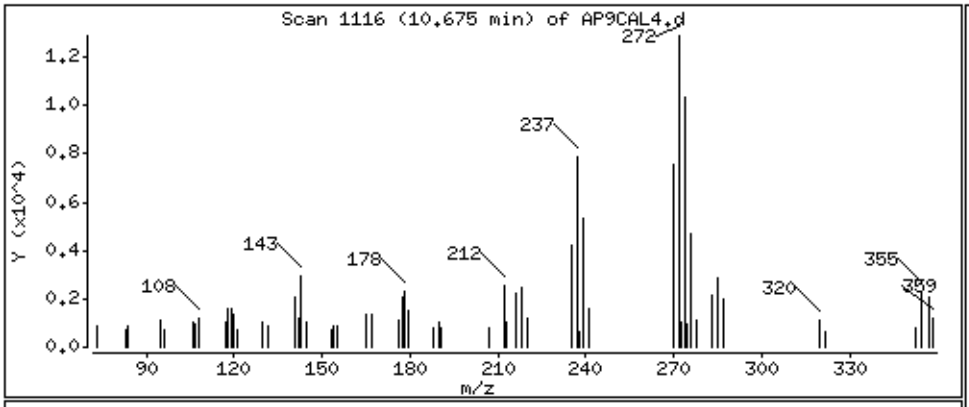
Operator: MJ

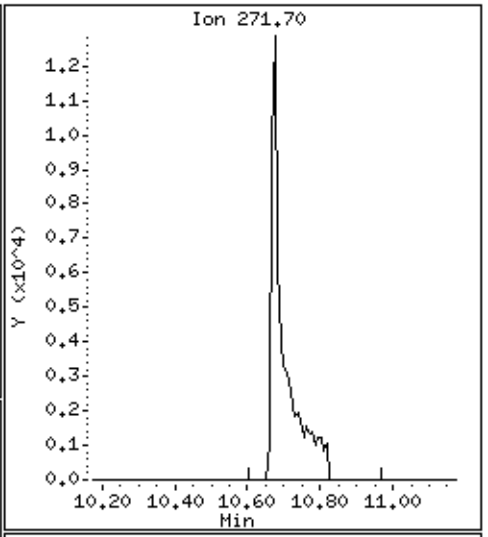
Column phase: HPMS-5

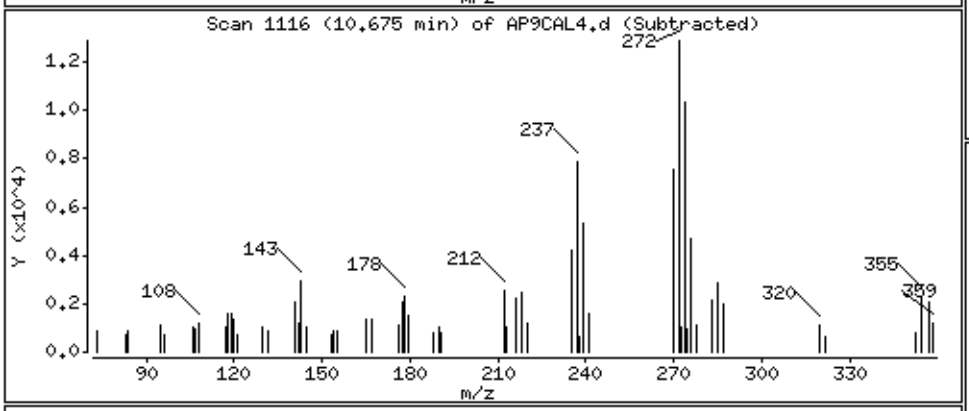
Column diameter: 0.25

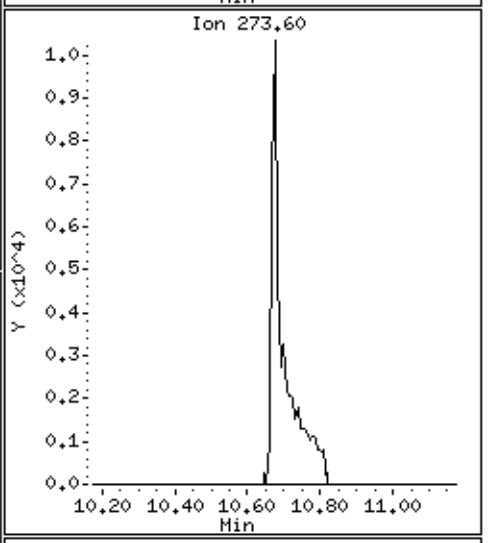
116 Kepone

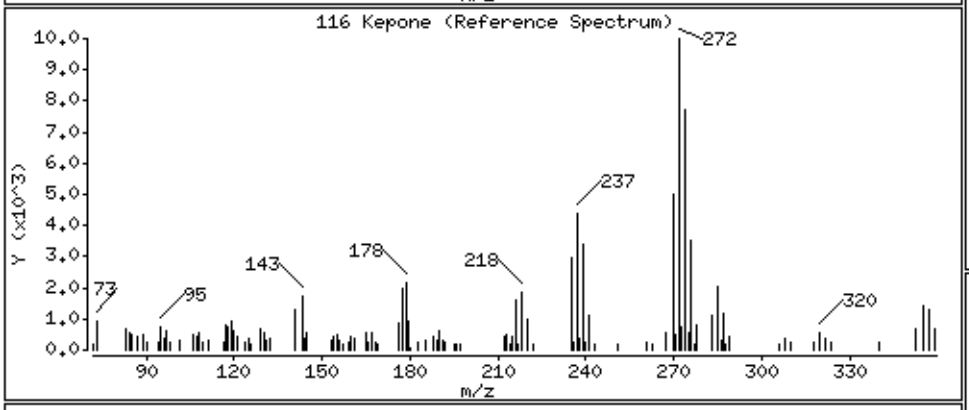
Concentration: 27.3 ug/l

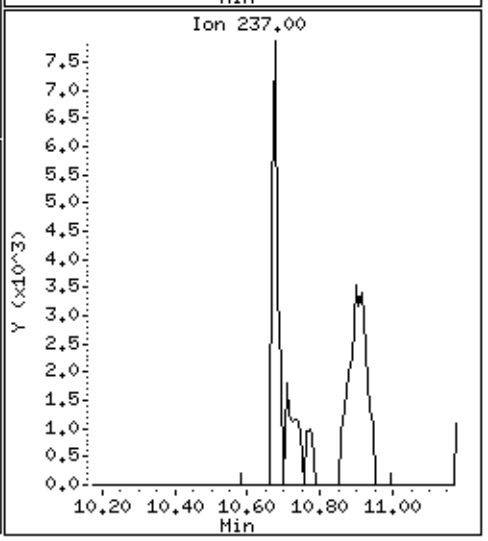


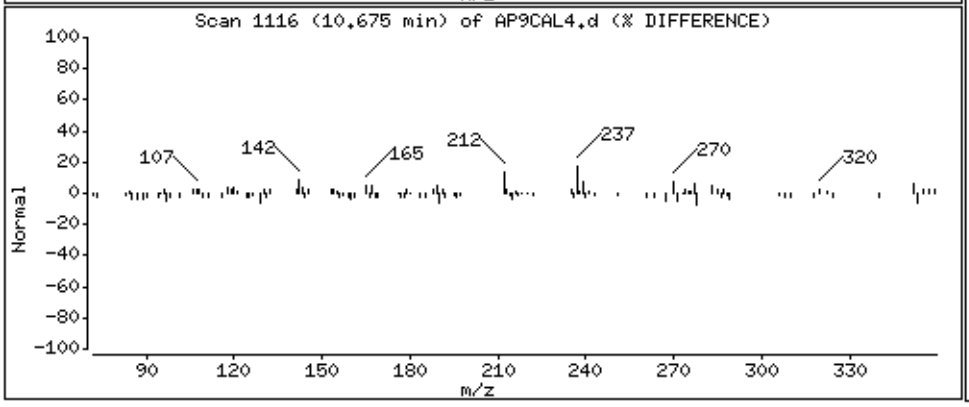












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

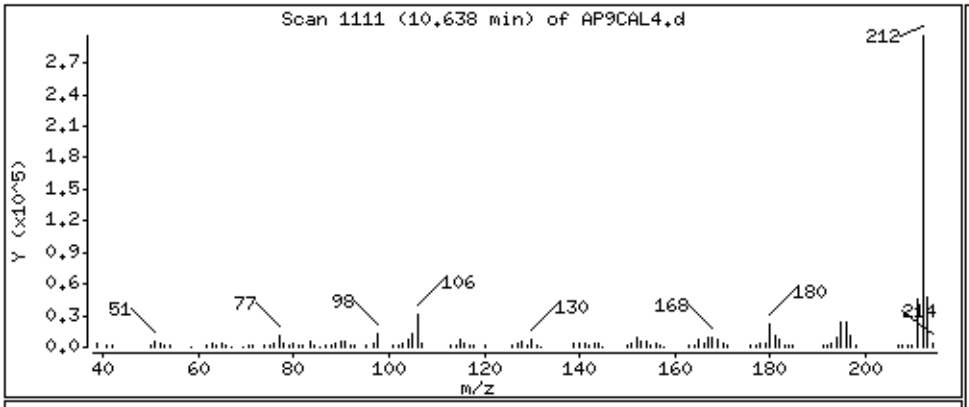
Client ID: AP9CAL4 Instrument: smsd04.i

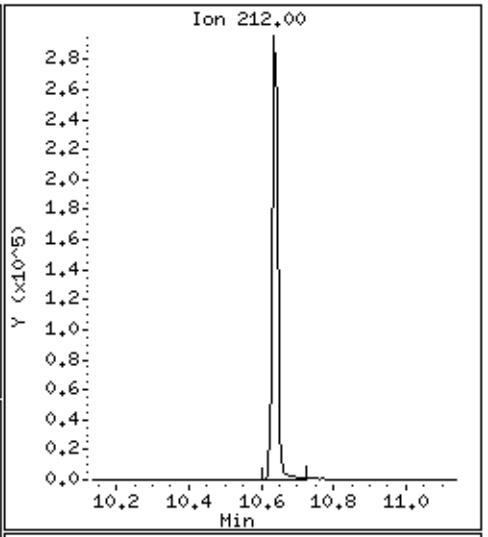
Sample Info: 47936

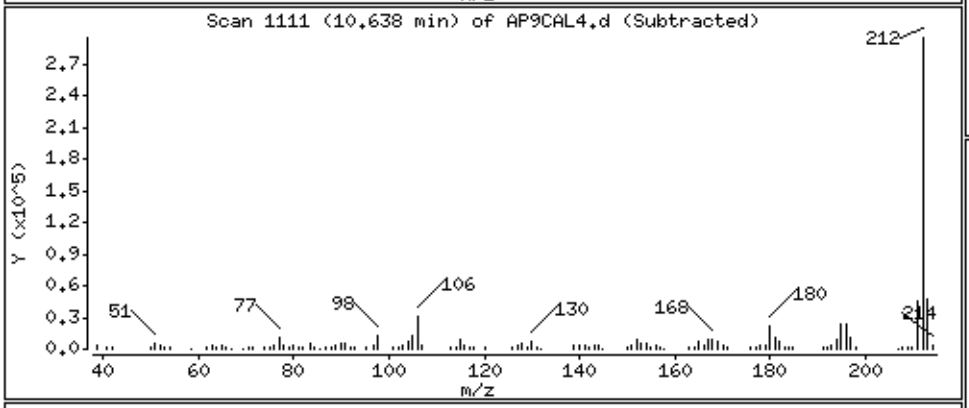
Purge Volume: 1000.0 Operator: MJ

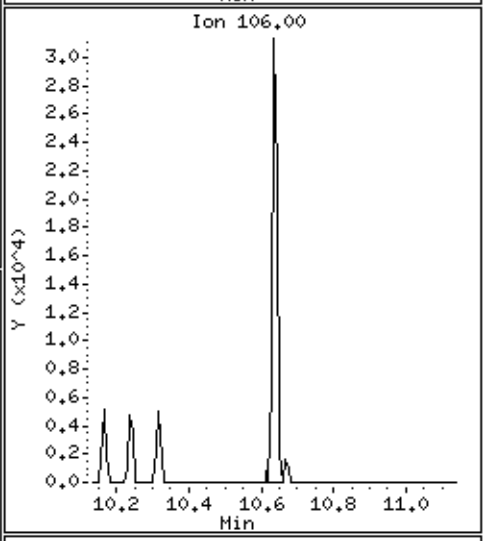
Column phase: HPMS-5 Column diameter: 0.25

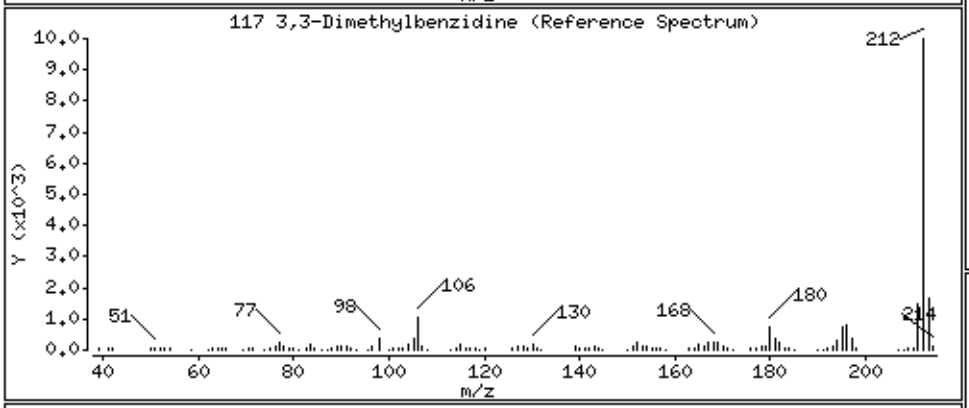
117 3,3-Dimethylbenzidine Concentration: 47.0 ug/l

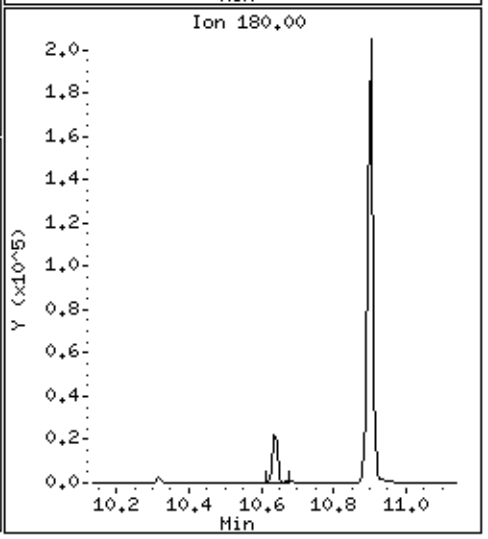


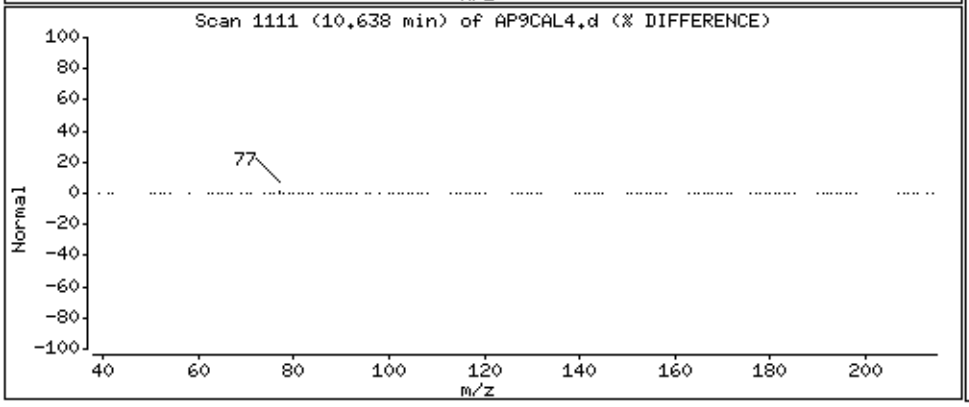












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

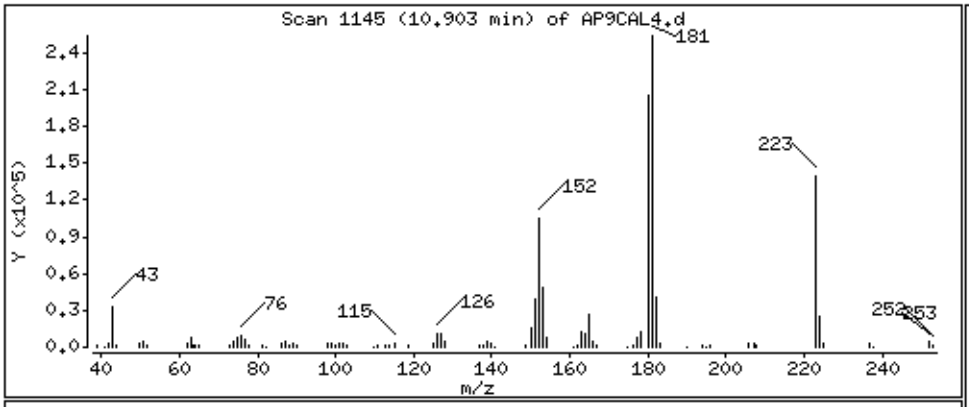
Operator: MJ

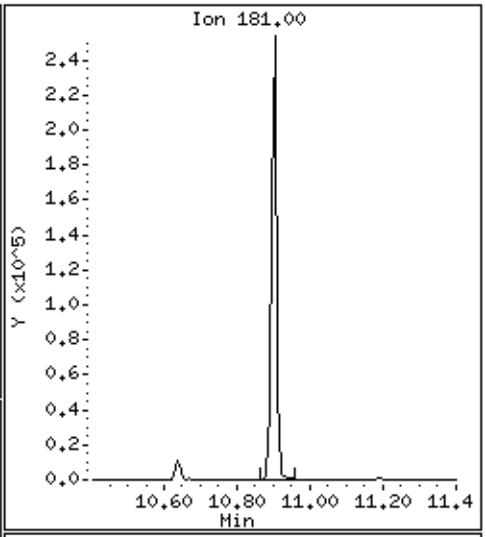
Column phase: HPMS-5

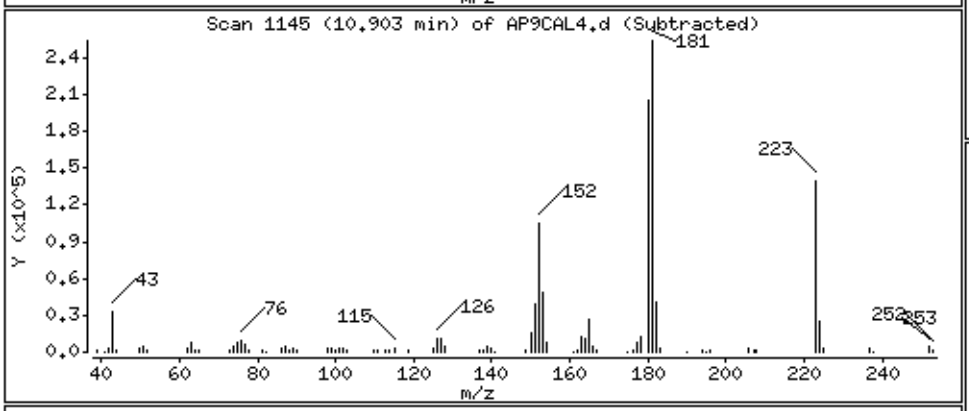
Column diameter: 0.25

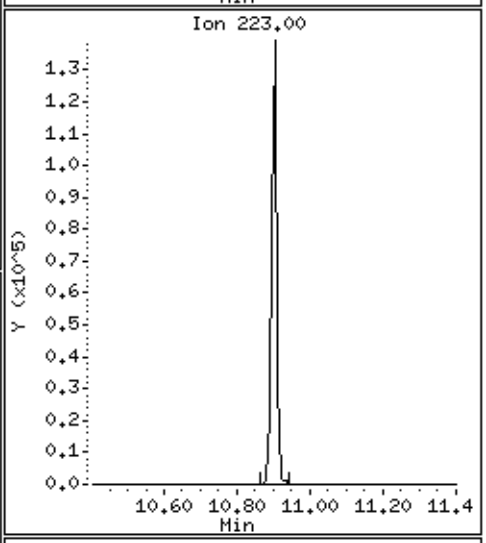
119 2-Acetylaminofluorene

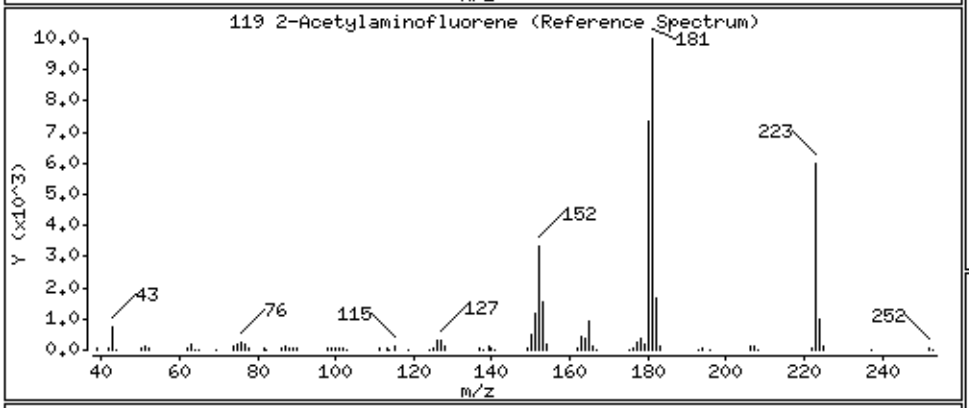
Concentration: 44.6 ug/l

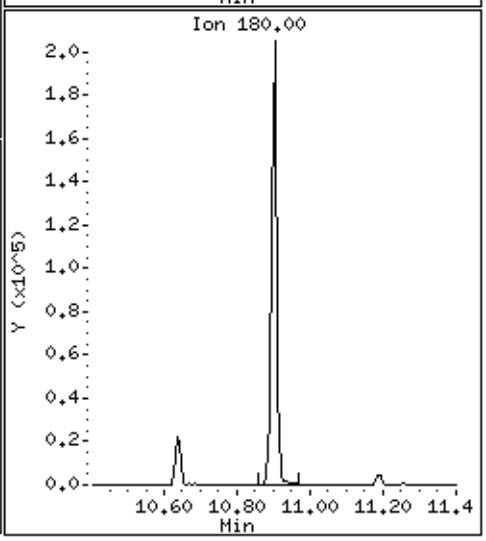


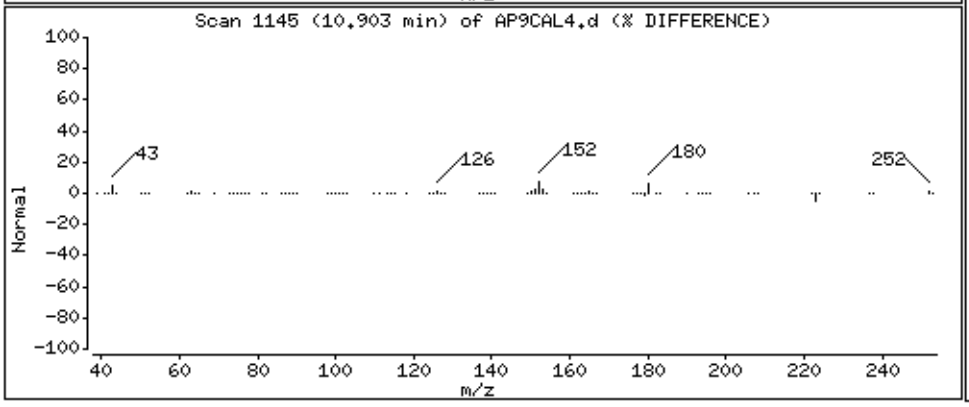












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

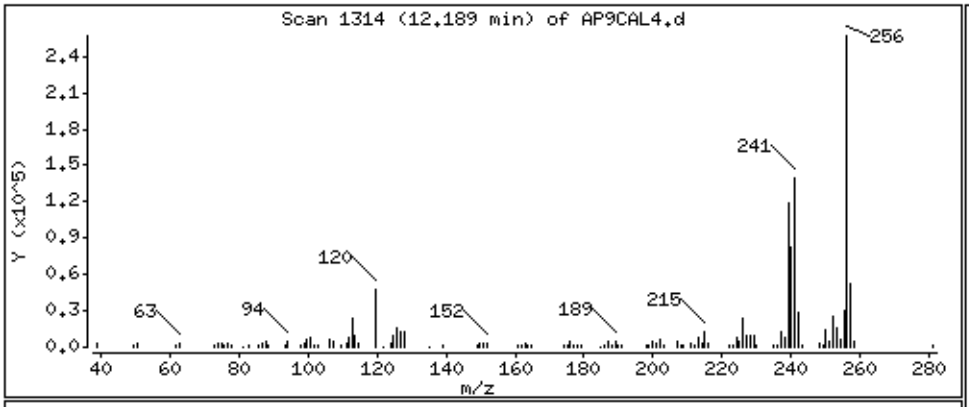
Operator: MJ

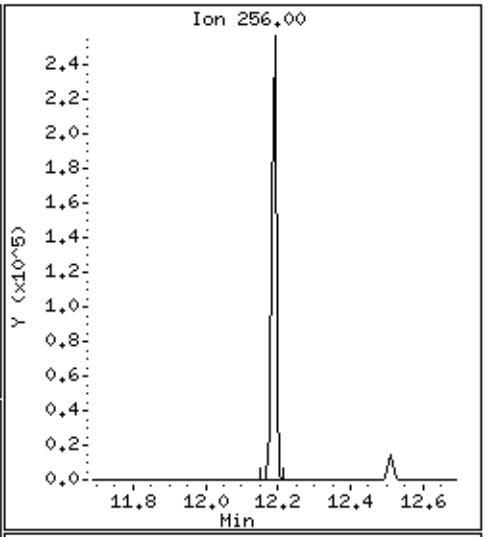
Column phase: HPMS-5

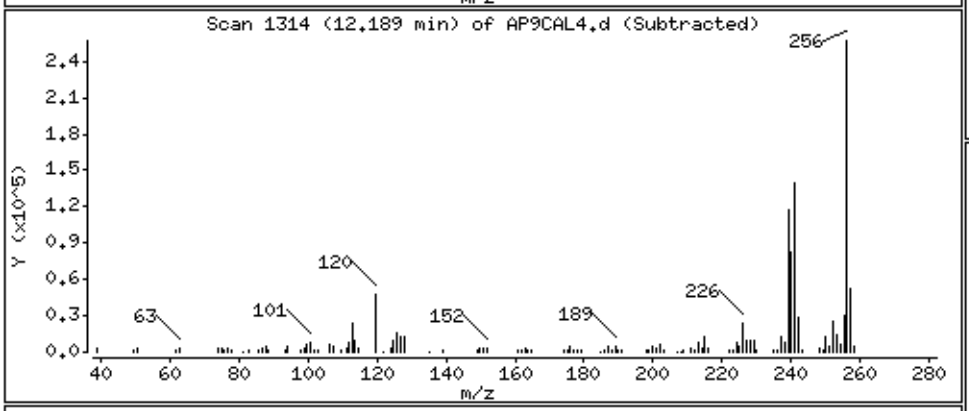
Column diameter: 0.25

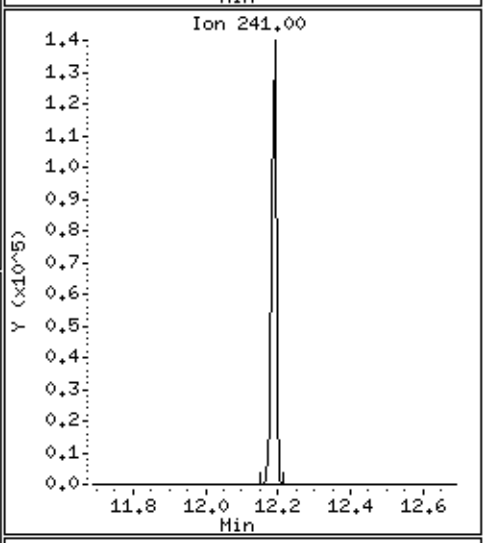
126 7,12-Dimethylbenz(a)anthracen

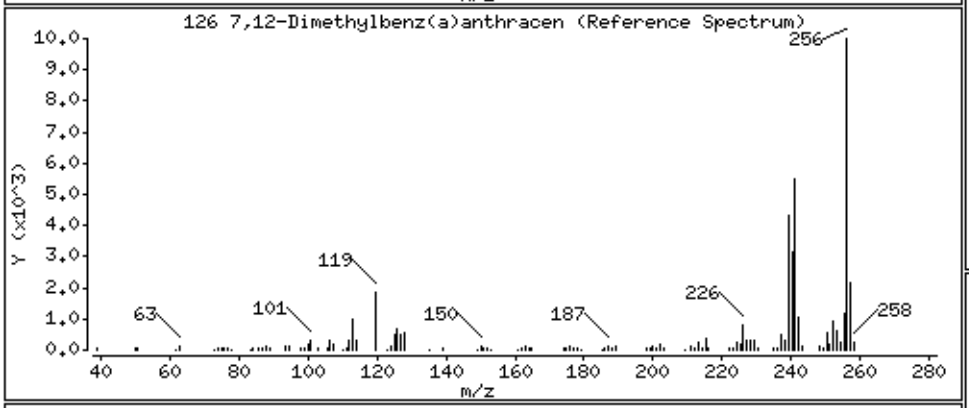
Concentration: 47.0 ug/l

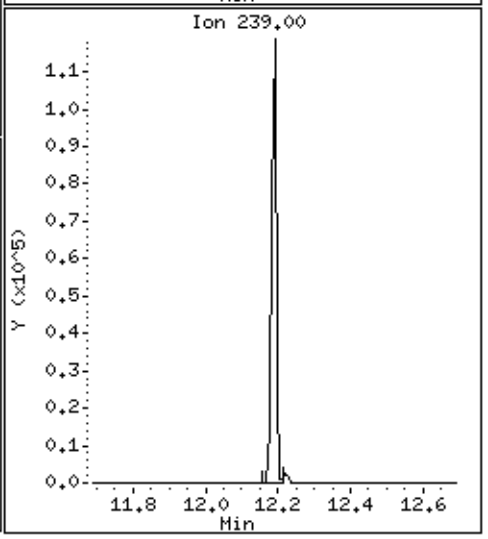


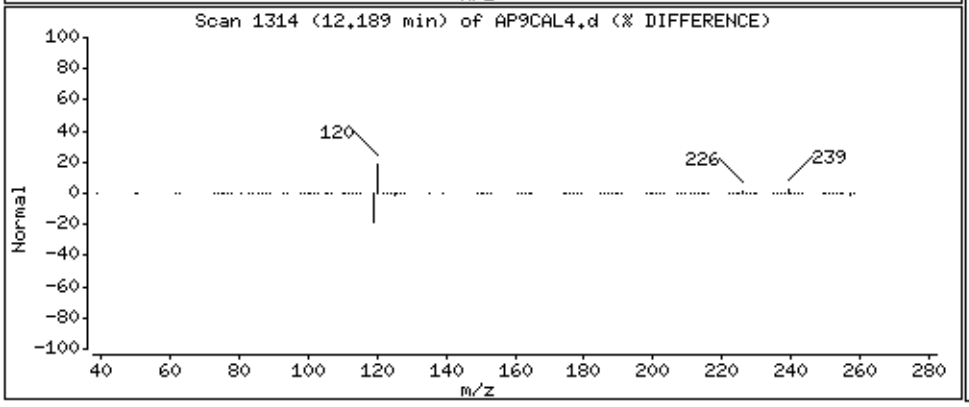












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

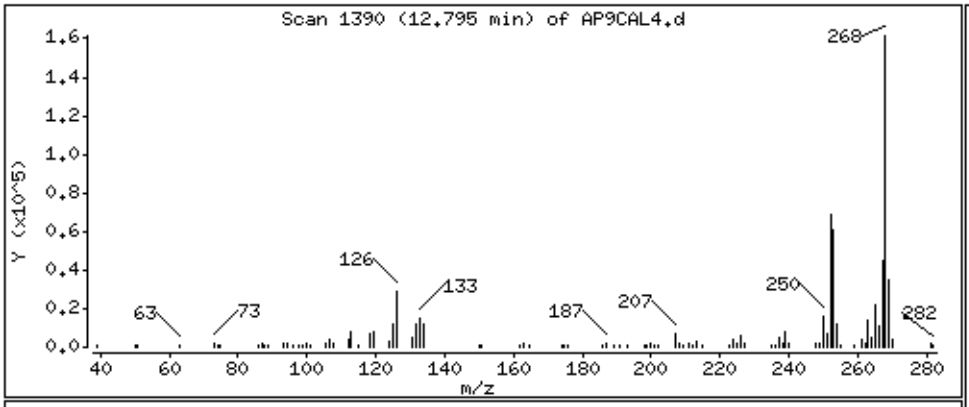
Operator: MJ

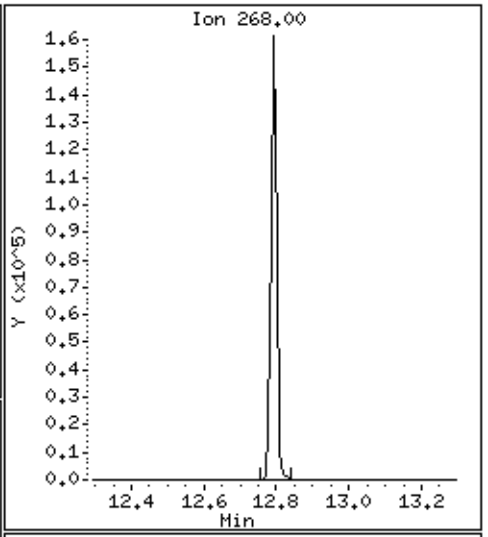
Column phase: HPMS-5

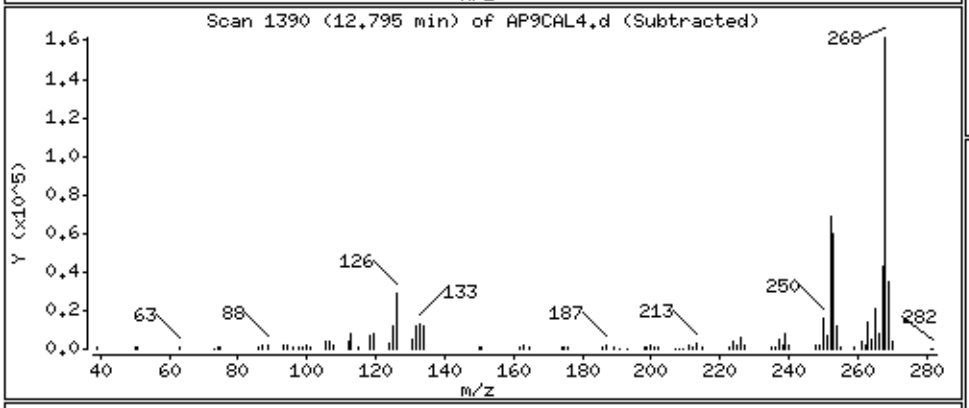
Column diameter: 0.25

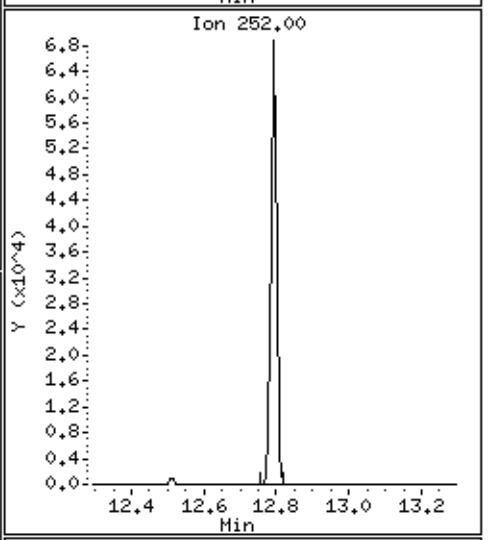
131 3-Methylcholanthrene

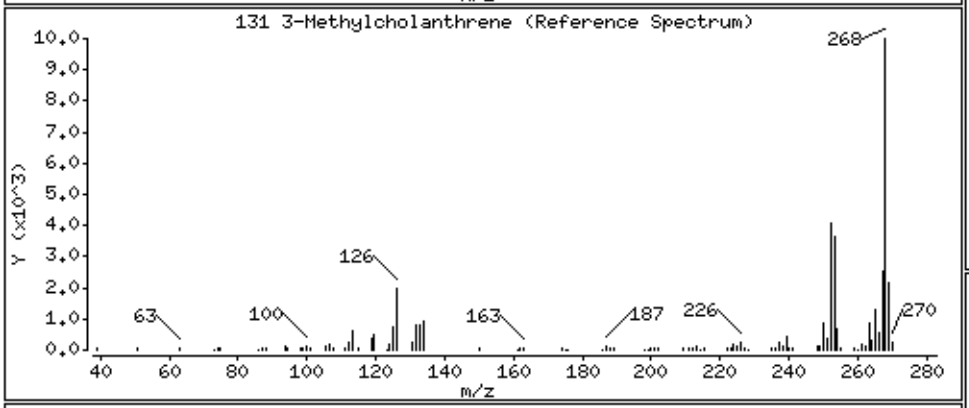
Concentration: 47.8 ug/l

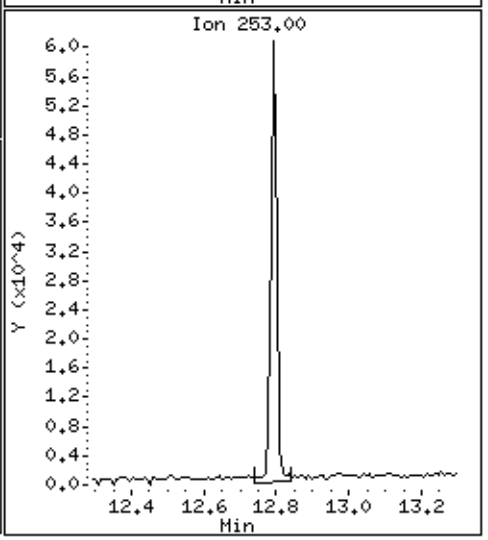


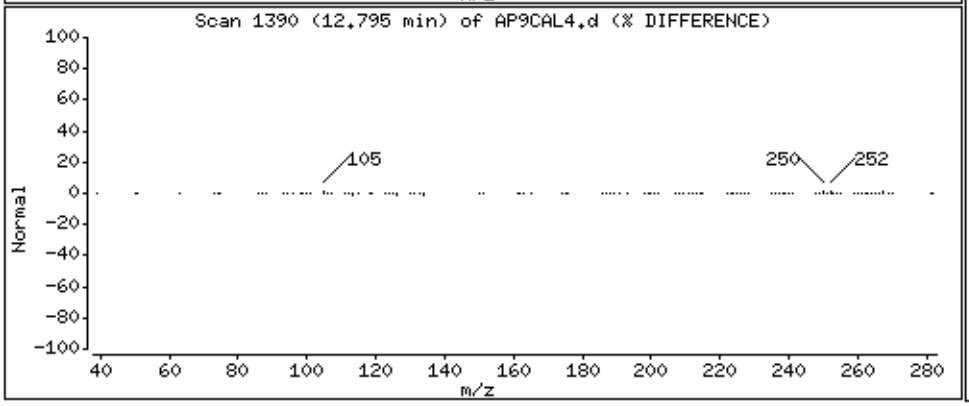












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\AP9CAL4.d

Date : 26-NOV-2012 17:46

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

Purge Volume: 1000.0

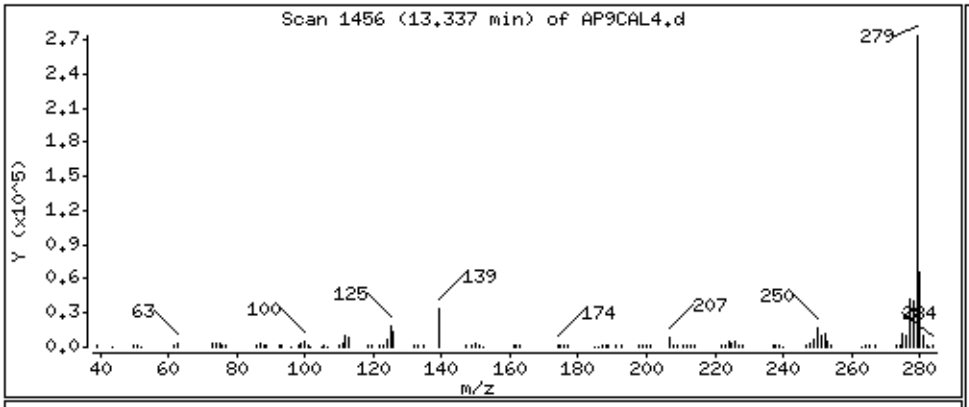
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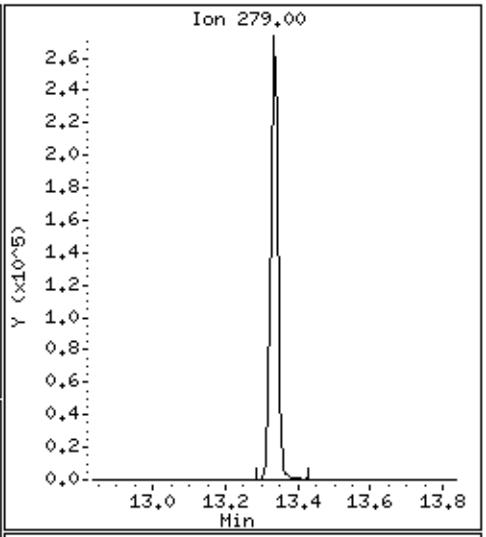
Column phase: HPMS-5

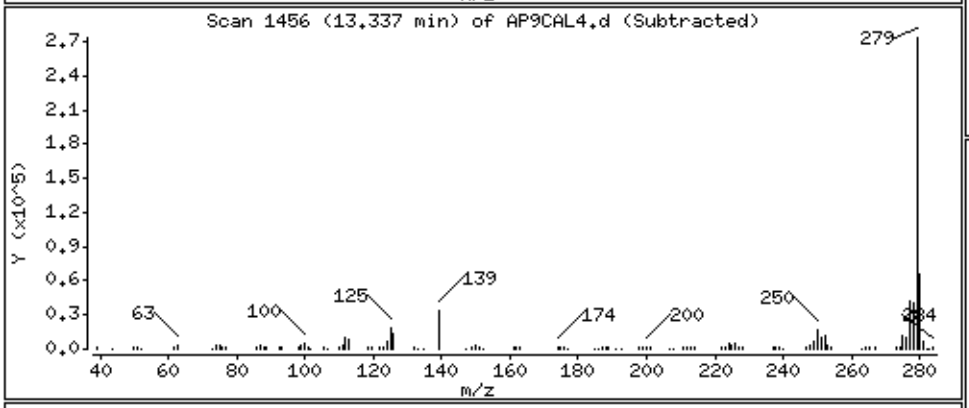
Column diameter: 0.25

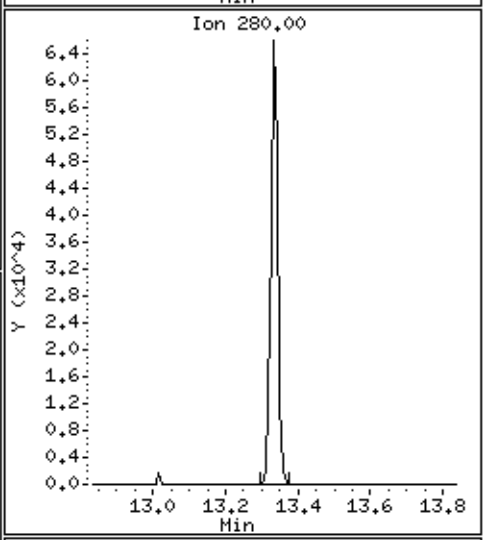
132 Dibenz(a,j)acridine

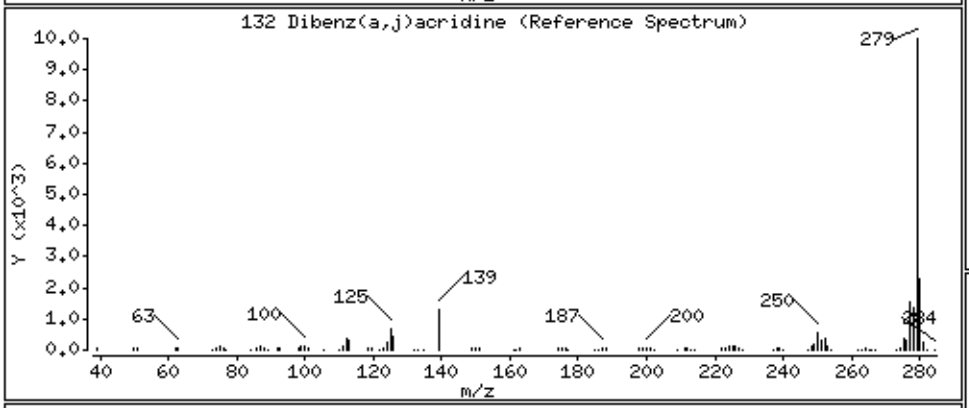
Concentration: 47.2 ug/l

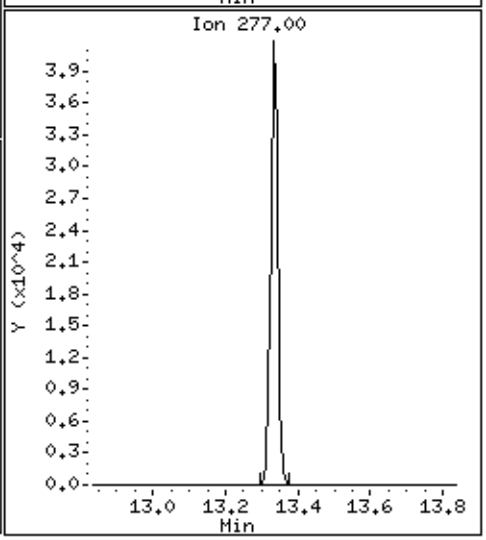


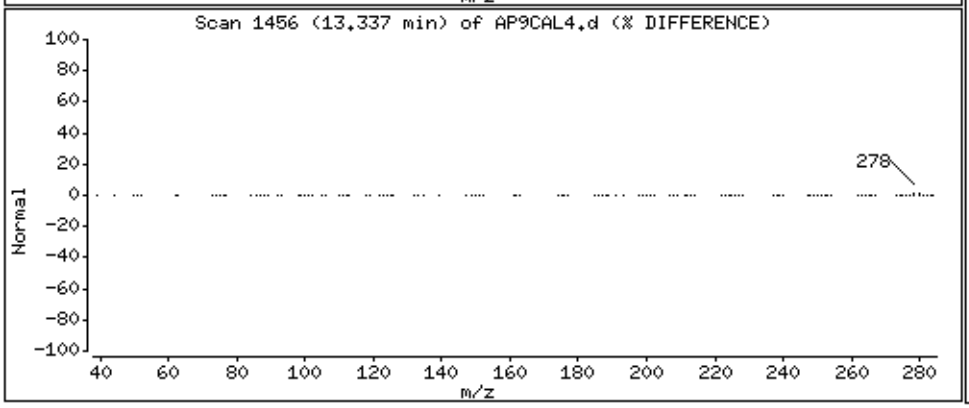












PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d
Lab Smp Id: 350761605 Client Smp ID: CV0043C-CS
Inj Date : 26-NOV-2012 19:28 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : SW350761605
Misc Info :
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270bcs.m
Meth Date : 29-Nov-2012 11:15 smsd04.i Quant Type: ISTD
Cal Date : 15-NOV-2012 09:25 Cal File: AP9CAL7.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * (1/((Ws * (1-(M/100)))/1000))*Vf * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Ws	25.110	Weight of sample extracted (g)
M	23.400	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 6 2-Fluorophenol (SURR)						CAS #: 367-12-4		
3.239	3.236 (0.756)		112	240248	76.3857	3970	80.00- 120.00	100.00
3.239	3.236 (0.756)		64	146184			30.90- 90.90	60.85
$ 11 Phenol-d5 (SURR)						CAS #: 4165-62-2		
3.992	3.993 (0.932)		99	306837	77.0555	4010	80.00- 120.00	100.00
3.991	3.993 (0.932)		42	57147			0.00- 49.74	18.62
3.992	3.993 (0.932)		71	132621			12.23- 72.23	43.22
* 18 1,4-Dichlorobenzene-d4						CAS #: 3855-82-1		
4.284	4.282 (1.000)		152	98786	40.0000		80.00- 120.00	100.00
4.284	4.282 (1.000)		115	62109			33.16- 93.16	62.87
4.284	4.282 (1.000)		150	153810			129.12- 189.12	155.70
$ 31 Nitrobenzene-d5 (SURR)						CAS #: 4165-60-0		
4.802	4.803 (0.881)		82	158553	39.0831	2030	80.00- 120.00	100.00
4.802	4.803 (0.881)		128	57533			6.88- 66.88	36.29
4.802	4.803 (0.881)		54	78209			18.52- 78.52	49.33
* 43 Naphthalene-d8						CAS #: 1146-65-2		
5.449	5.450 (1.000)		136	323574	40.0000		80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
* 43 Naphthalene-d8 (continued)								
5.450	5.450	(1.000)	68	23434			0.00- 37.24	7.24
53 2-Methylnaphthalene							CAS #: 91-57-6	
6.124	6.126	(1.124)	142	2435	0.42291	22.0	80.00- 120.00	100.00
6.124	6.127	(1.124)	141	1860			56.23- 116.23	76.39
54 1-Methylnaphthalene							CAS #: 90-12-0	
6.229	6.232	(1.143)	142	1355	0.25565	13.3	80.00- 120.00	100.00
6.228	6.232	(1.143)	141	1226			59.25- 119.25	90.48
$ 59 2-Fluorobiphenyl (SURR)							CAS #: 321-60-8	
6.497	6.500	(0.908)	172	276456	37.5550	1950	80.00- 120.00	100.00
6.497	6.500	(0.908)	171	95111			3.84- 63.84	34.40
* 70 Acenaphthene-d10							CAS #: 15067-26-2	
7.152	7.153	(1.000)	164	206015	40.0000		80.00- 120.00	100.00
7.151	7.153	(1.000)	162	194188			65.06- 125.06	94.26
7.152	7.153	(1.000)	160	88220			12.17- 72.17	42.82
$ 88 2,4,6-Tribromophenol (SURR)							CAS #: 118-79-6	
7.927	7.930	(1.108)	330	112449	88.3409	4590	80.00- 120.00	100.00
7.927	7.930	(1.108)	332	107481			68.63- 128.63	95.58
7.926	7.930	(1.108)	141	45068			11.84- 71.84	40.08
* 100 Phenanthrene-d10							CAS #: 1517-22-2	
8.584	8.590	(1.000)	188	378531	40.0000		80.00- 120.00	100.00
8.583	8.589	(1.000)	94	38043			0.00- 40.12	10.05
8.583	8.589	(1.000)	80	42075			0.00- 41.14	11.12
101 Phenanthrene							CAS #: 85-01-8	
8.605	8.610	(1.002)	178	8655	0.83411	43.4	80.00- 120.00	100.00
8.605	8.610	(1.002)	179	1567			0.00- 45.11	18.11
8.604	8.610	(1.002)	176	2013			0.00- 48.80	23.26
109 Fluoranthene							CAS #: 206-44-0	
9.775	9.780	(1.139)	202	16725	1.47132	76.5	80.00- 120.00	100.00
9.774	9.779	(1.139)	101	1397			0.00- 41.45	8.35
9.775	9.779	(1.139)	203	2925			0.00- 47.25	17.49
111 Pyrene							CAS #: 129-00-0	
9.993	9.999	(0.893)	202	15030	1.35813	70.6	80.00- 120.00	100.00
9.994	9.999	(0.893)	200	3095			0.00- 50.66	20.59
9.994	9.999	(0.893)	203	2571			0.00- 47.28	17.11
$ 112 Terphenyl-d14 (SURR)							CAS #: 1718-51-0	
10.159	10.161	(0.908)	244	331648	38.5684	2000	80.00- 120.00	100.00
10.159	10.161	(0.908)	122	34038			0.00- 40.51	10.26
10.159	10.162	(0.908)	212	25052			0.00- 37.89	7.55
120 Benzo[a]anthracene							CAS #: 56-55-3	
11.170	11.176	(0.998)	228	10768	0.98392	51.2	80.00- 120.00	100.00
11.168	11.176	(0.998)	229	2685			0.00- 49.39	24.93

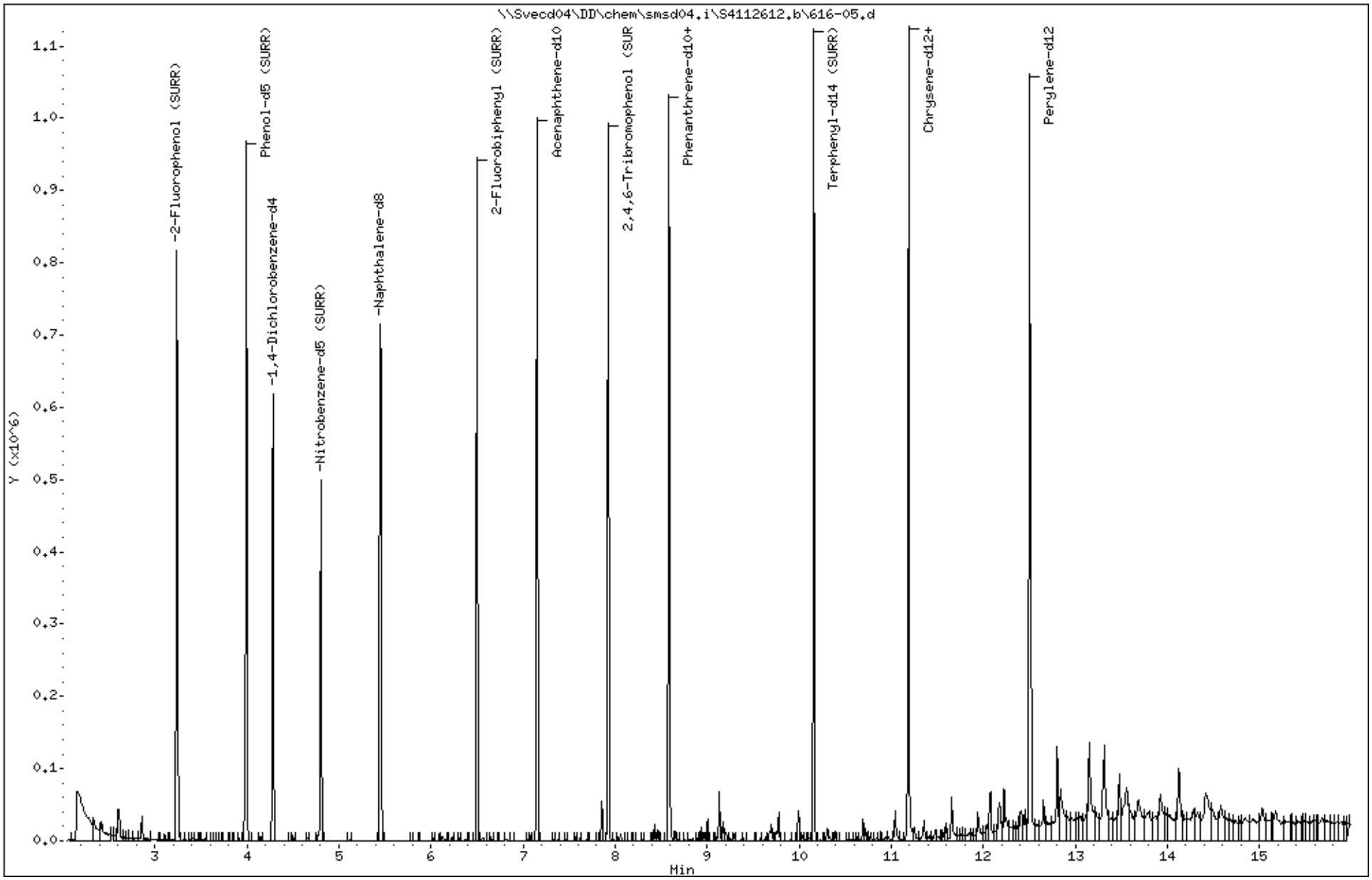
RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
120 Benzo[a]anthracene (continued)								
11.169	11.176	(0.998)	226	2670			0.00- 56.87	24.80
* 121 Chrysene-d12							CAS #: 1719-03-5	
11.189	11.191	(1.000)	240	418171	40.0000		80.00- 120.00	100.00
11.188	11.191	(1.000)	120	41618			0.00- 39.96	9.95
11.189	11.191	(1.000)	236	101724			0.00- 54.60	24.33
123 Chrysene							CAS #: 218-01-9	
11.209	11.219	(1.002)	228	13236	1.22642	63.8	80.00- 120.00	100.00
11.210	11.219	(1.002)	226	3655			0.00- 59.12	27.61
11.210	11.219	(1.002)	229	3506			0.00- 49.78	26.49
127 Benzo[b]fluoranthene							CAS #: 205-99-2	
12.166	12.179	(0.973)	252	18225	1.64103	85.3	80.00- 120.00	100.00(M)
12.174	12.179	(0.973)	253	4902			0.00- 52.33	26.90
12.174	12.177	(0.973)	125	2002			0.00- 39.28	10.98
128 Benzo[k]fluoranthene							CAS #: 207-08-9	
12.182	12.198	(0.974)	252	10911	0.87817	45.6	80.00- 120.00	100.00(M)
12.182	12.198	(0.974)	253	4141			0.00- 52.33	37.95
12.182	12.198	(0.974)	125	1187			0.00- 38.22	10.88
129 Benzo[a]pyrene							CAS #: 50-32-8	
12.452	12.460	(0.996)	252	11448	1.12535	58.5	80.00- 120.00	100.00(M)
12.452	12.460	(0.996)	253	2442			0.00- 54.56	21.33
12.452	12.460	(0.996)	125	998			0.00- 39.30	8.72
* 130 Perylene-d12							CAS #: 1520-96-3	
12.507	12.509	(1.000)	264	389785	40.0000		80.00- 120.00	100.00
12.507	12.509	(1.000)	260	89737			0.00- 52.64	23.02
12.507	12.508	(1.000)	265	85725			0.00- 51.95	21.99
133 Indeno[1,2,3-cd]pyrene							CAS #: 193-39-5	
13.523	13.537	(1.081)	276	8457	0.74069	38.5	80.00- 120.00	100.00
13.524	13.539	(1.081)	138	1277			0.00- 51.93	15.10
13.523	13.538	(1.081)	277	2028			0.00- 55.82	23.98
135 Benzo[g,h,i]perylene							CAS #: 191-24-2	
13.804	13.818	(1.104)	276	8766	0.96416	50.1	80.00- 120.00	100.00
13.802	13.818	(1.103)	138	1552			0.00- 48.47	17.70
13.803	13.818	(1.104)	277	1631			0.00- 54.12	18.61

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d
Date : 26-NOV-2012 19:28
Client ID: CV0043C-CS
Sample Info: SW350761605

Instrument: smsd04.i
Operator: MJ
Column phase: HPMS-5
Column diameter: 0.25



2093

3507616

Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

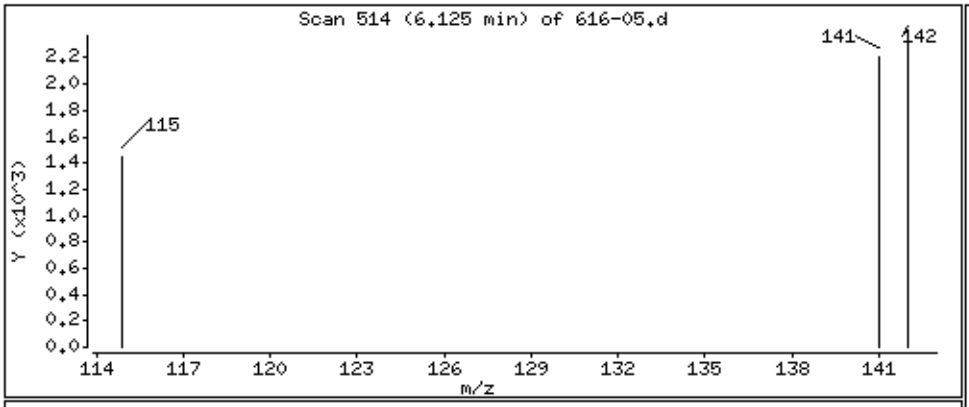
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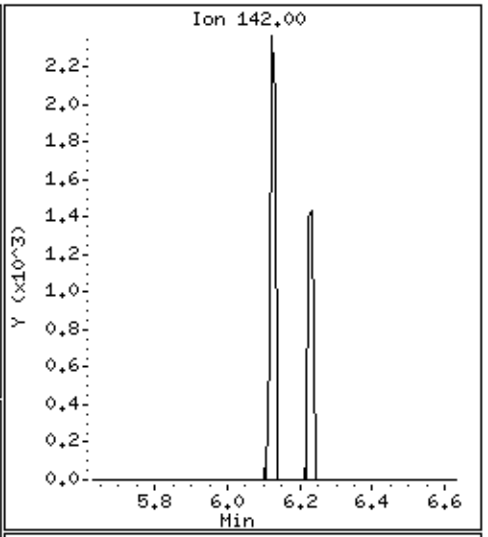
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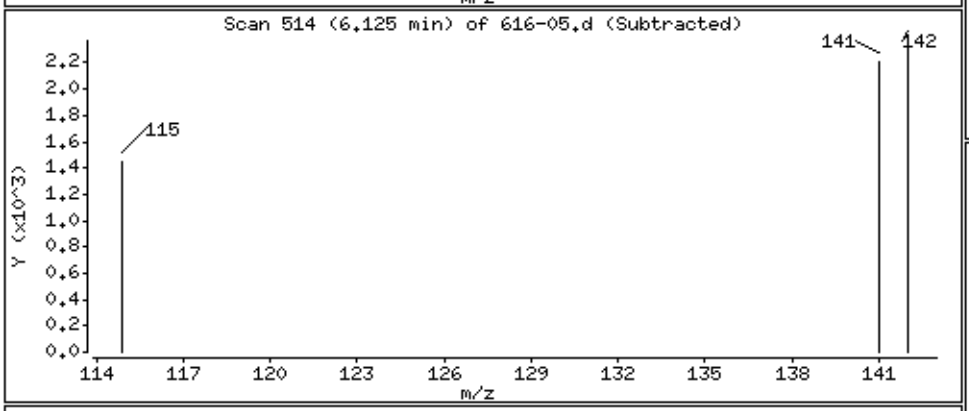
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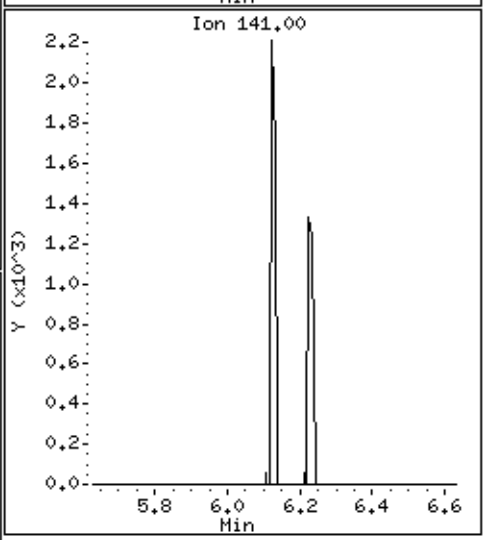
53 2-Methylnaphthalene

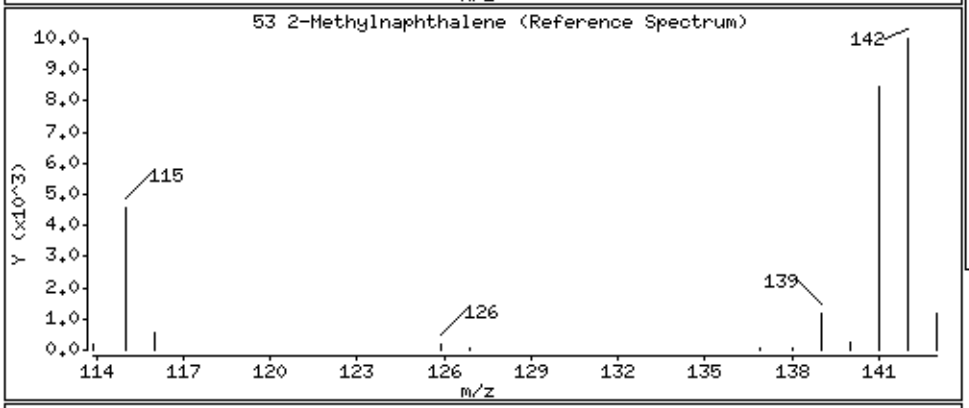
Concentration: 22.0 ug/kg

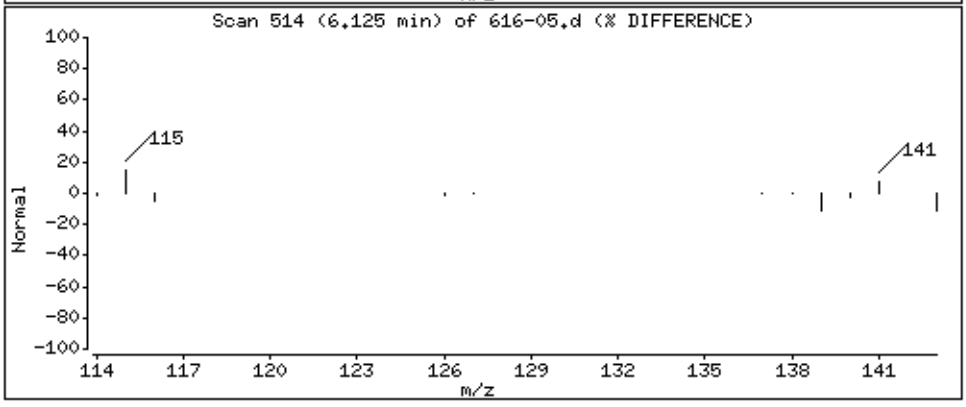












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

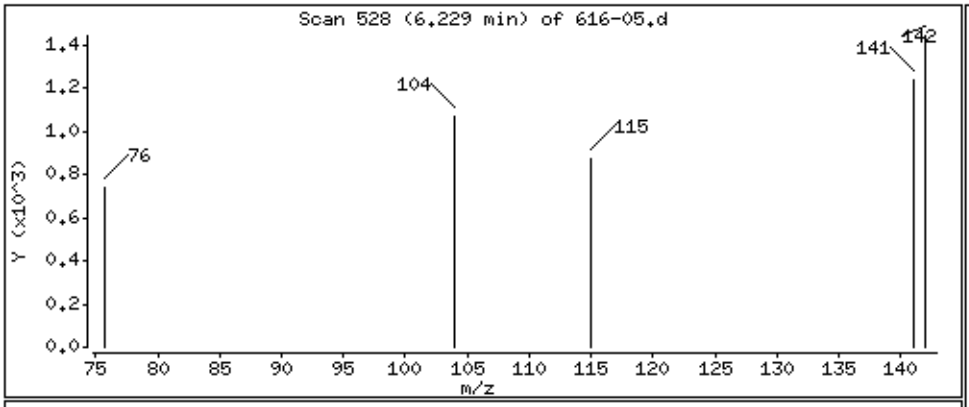
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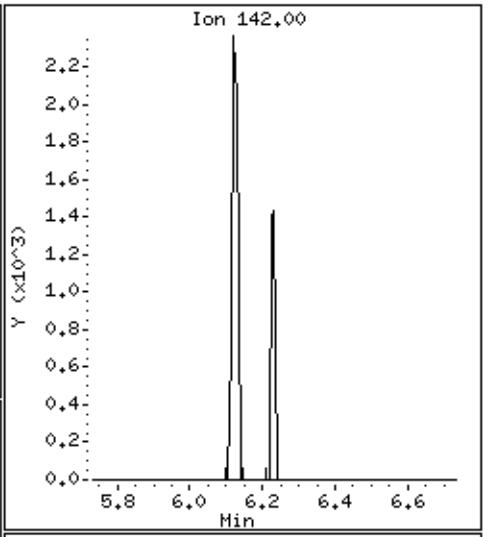
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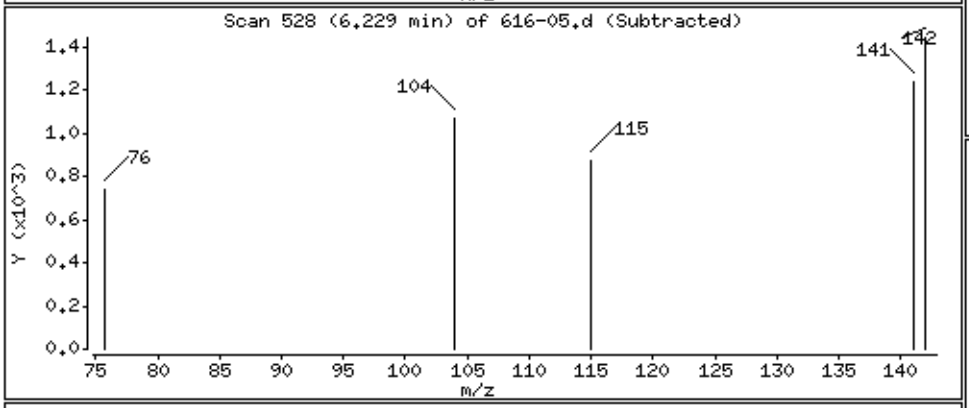
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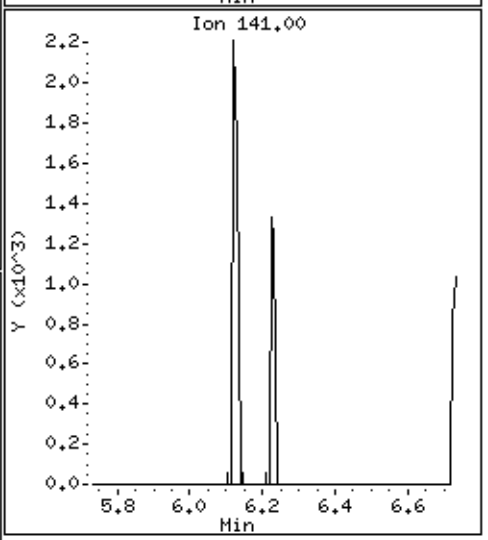
54 1-Methylnaphthalene

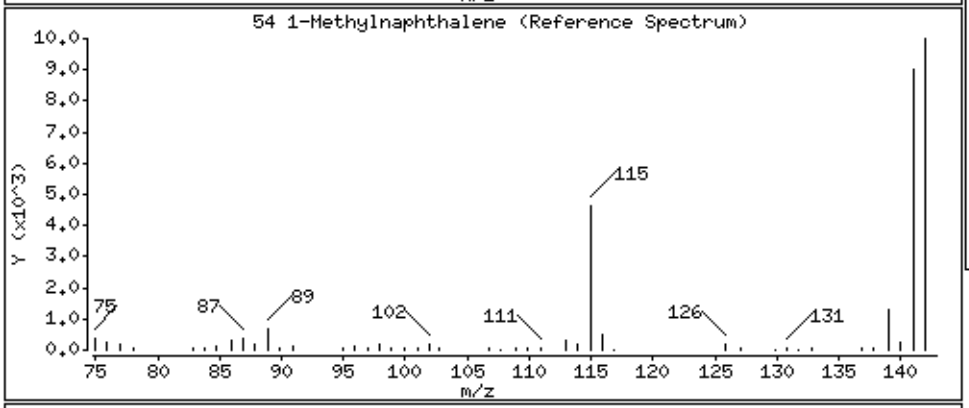
Concentration: 13.3 ug/kg

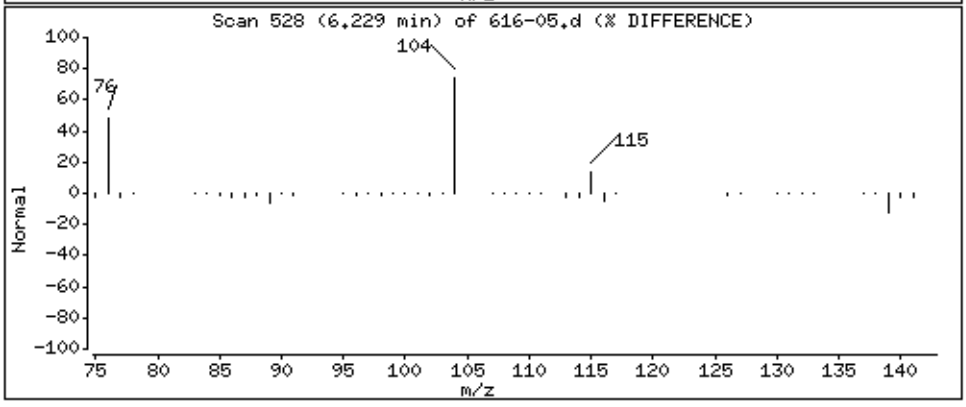












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

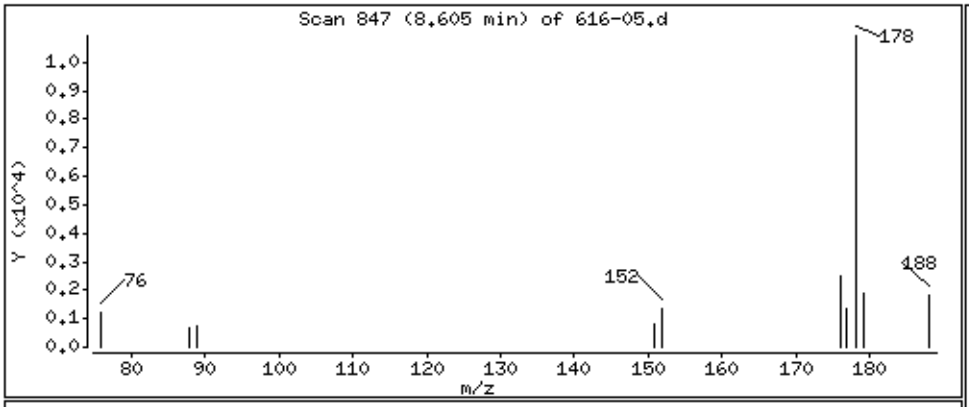
Operator: MJ

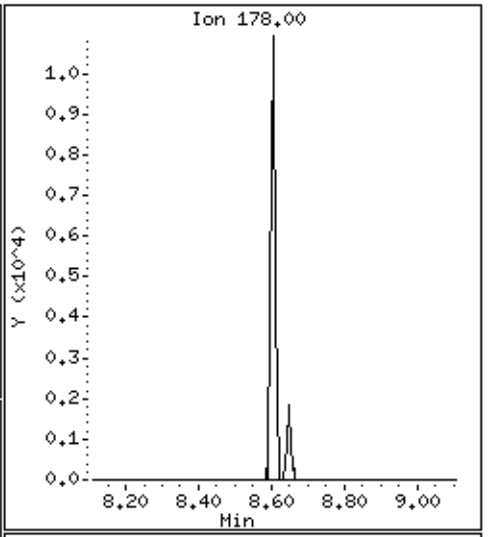
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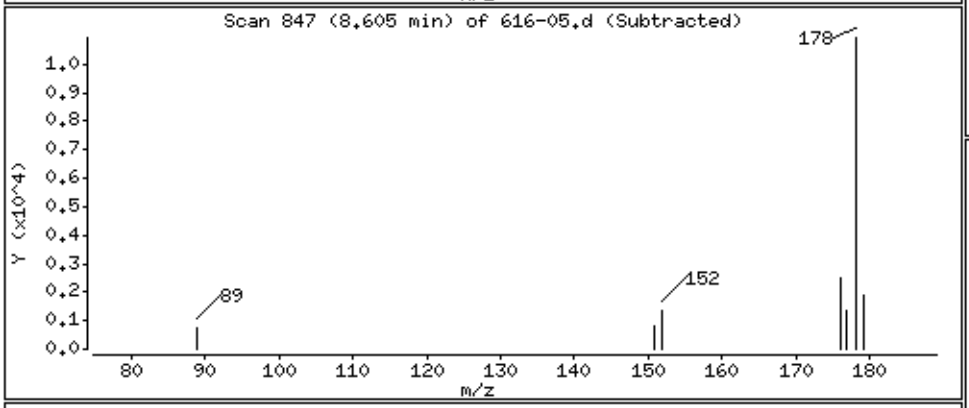
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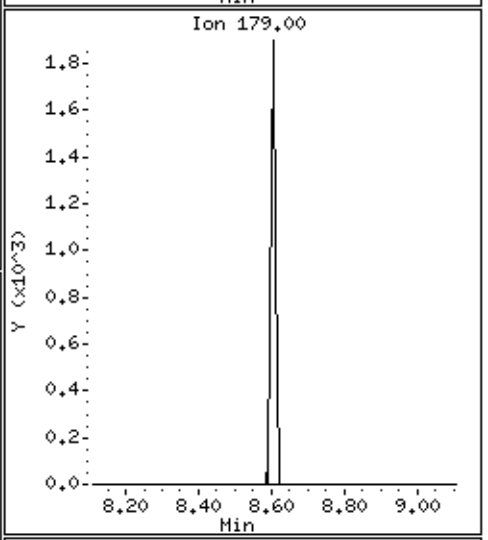
101 Phenanthrene

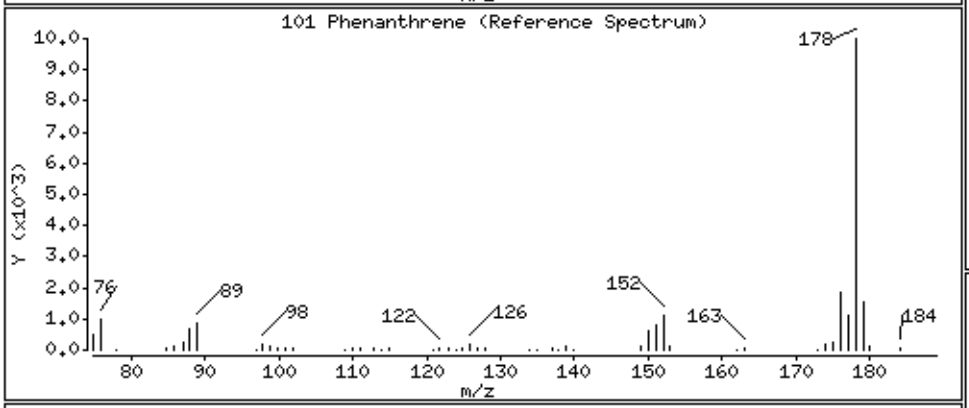
Concentration: 43.4 ug/kg

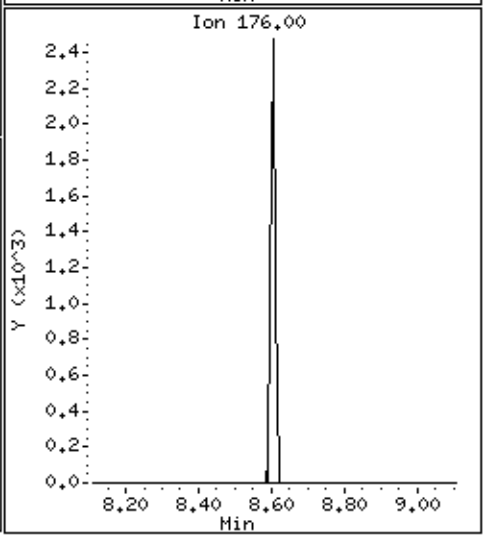


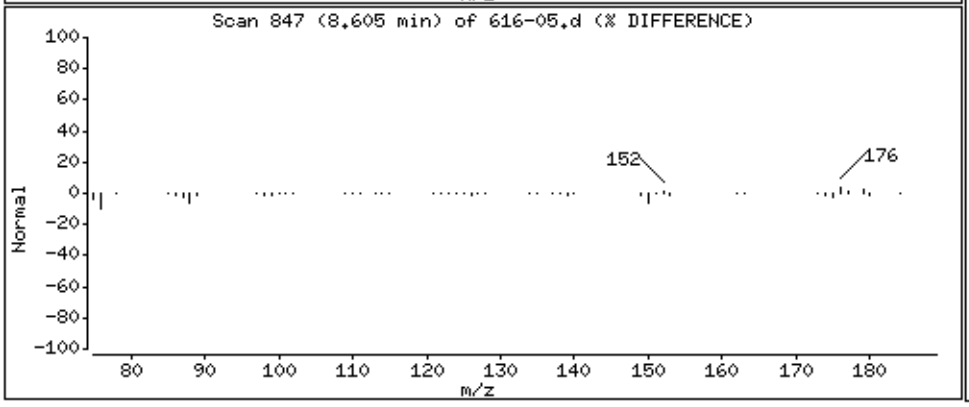












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

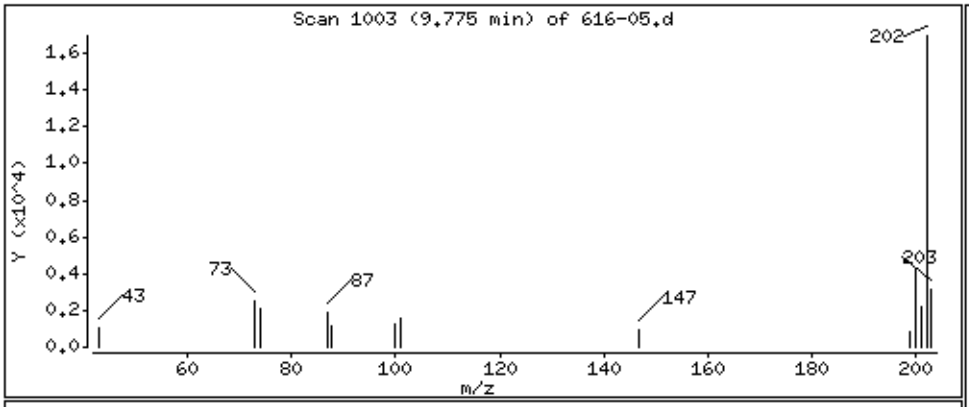
Operator: MJ

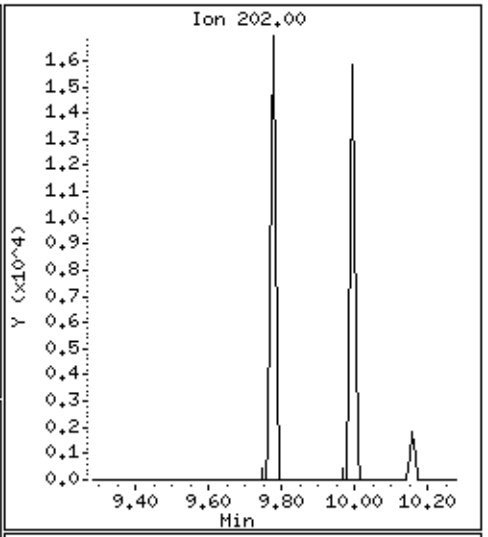
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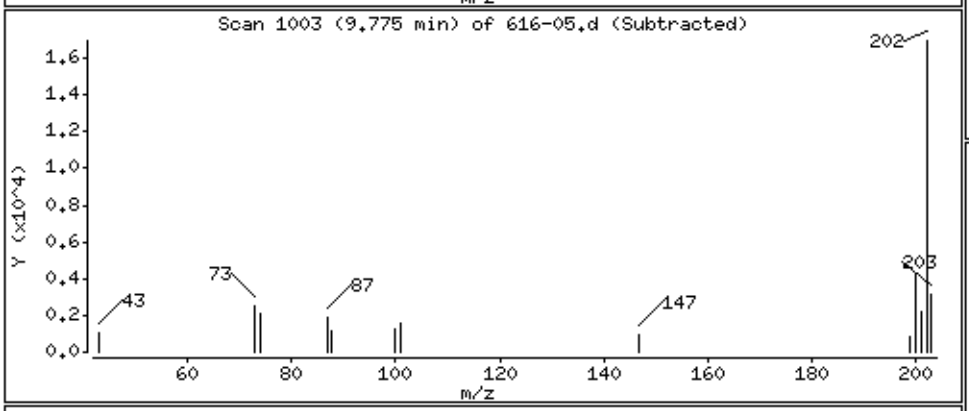
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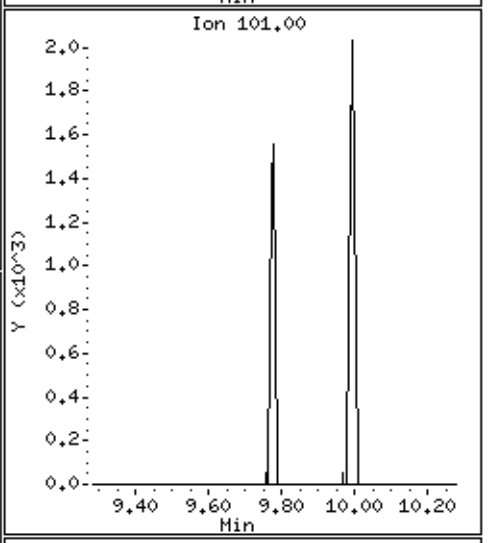
109 Fluoranthene

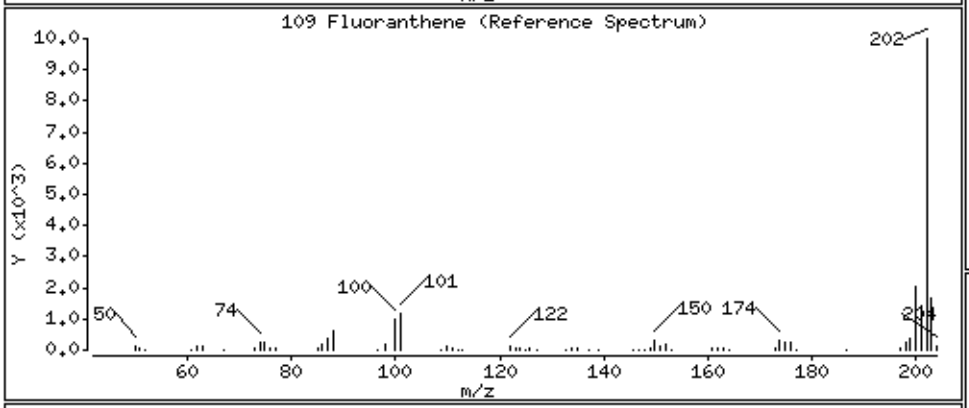
Concentration: 76.5 ug/kg

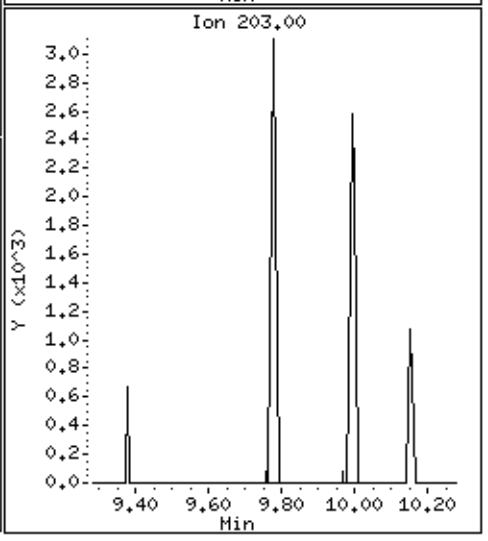


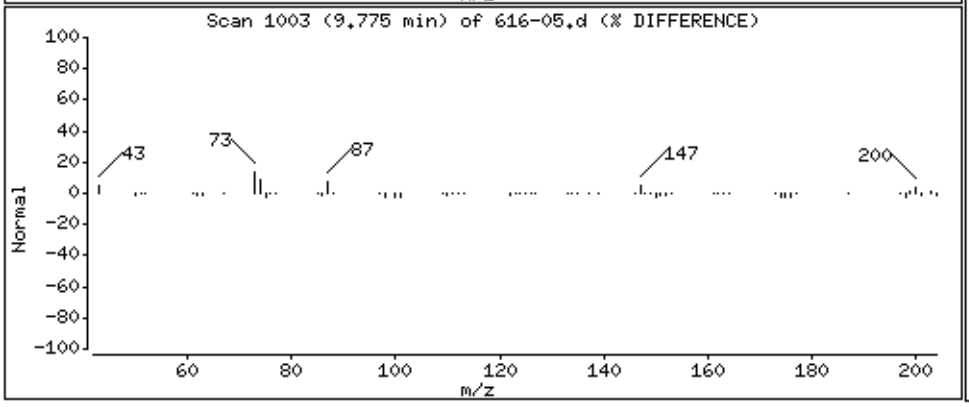












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

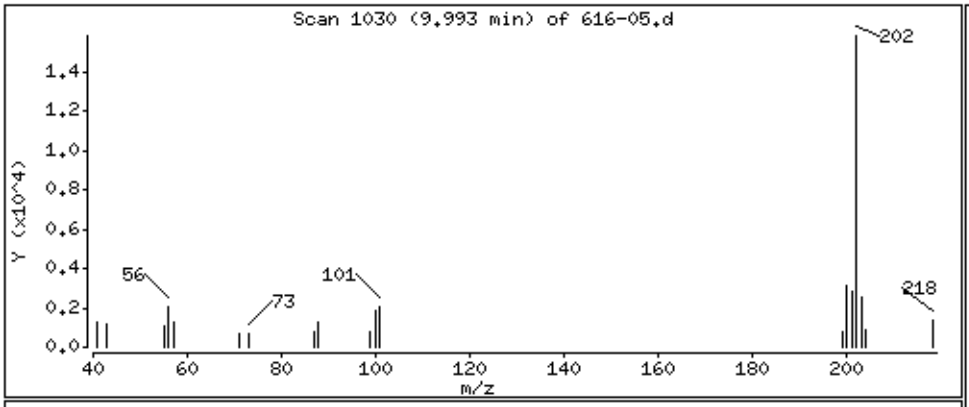
Operator: MJ

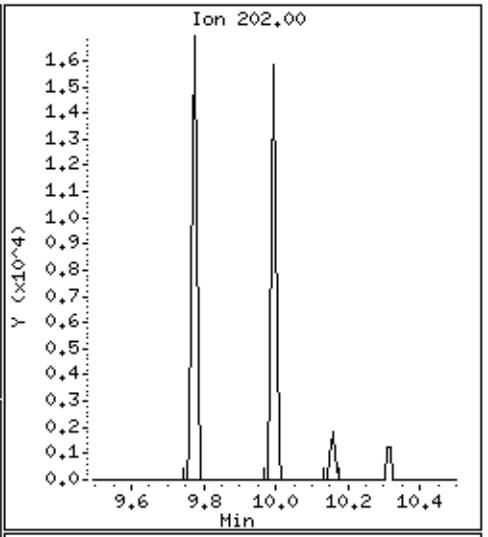
Column phase: HPMS-5

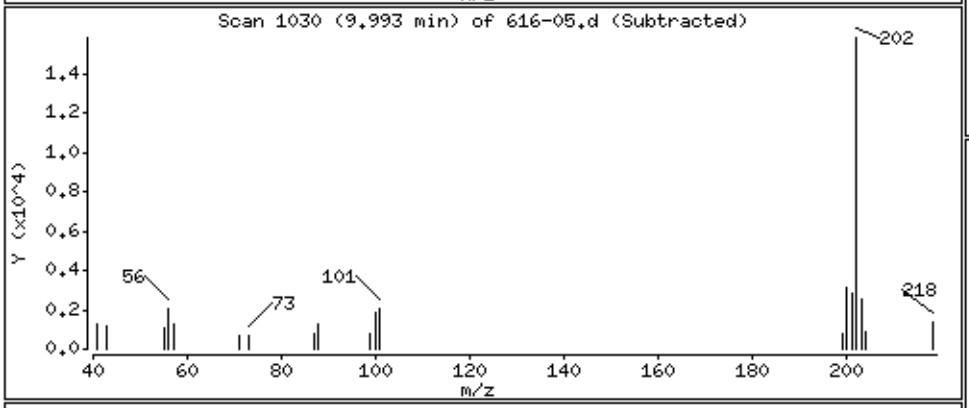
Column diameter: 0.25

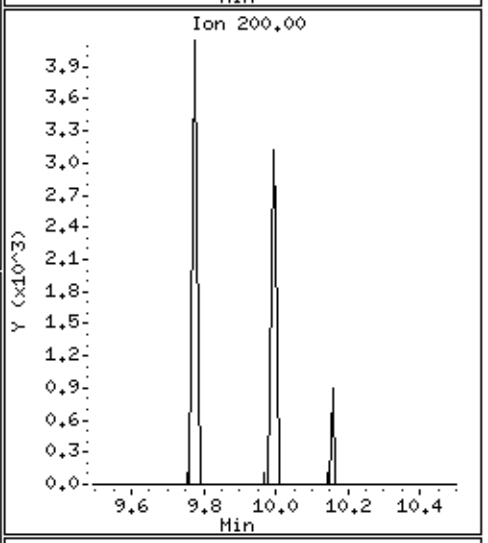
111 Pyrene

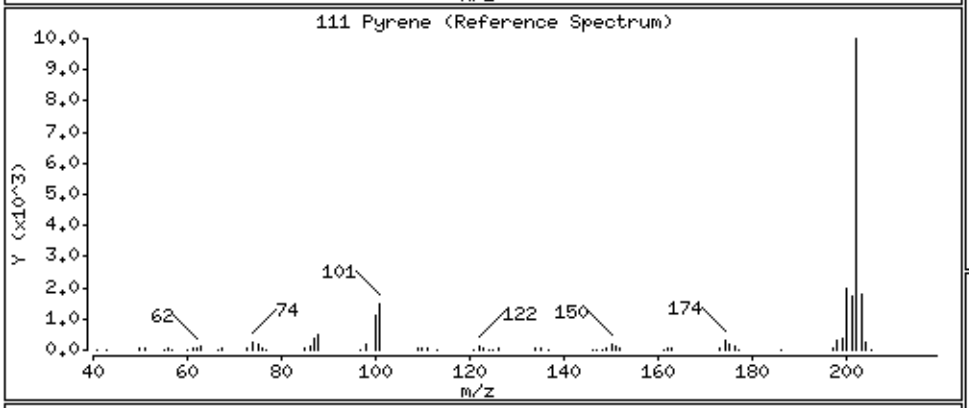
Concentration: 70.6 ug/kg

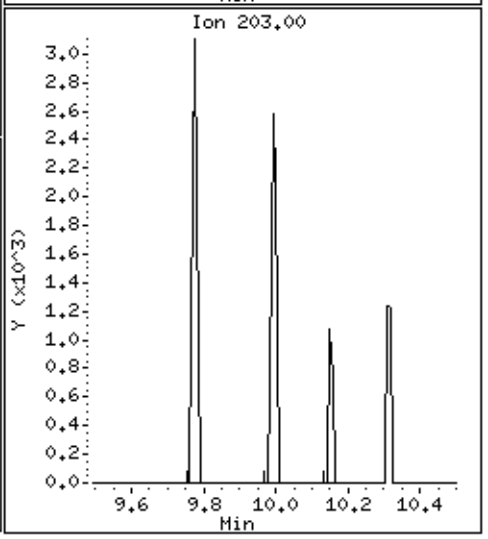


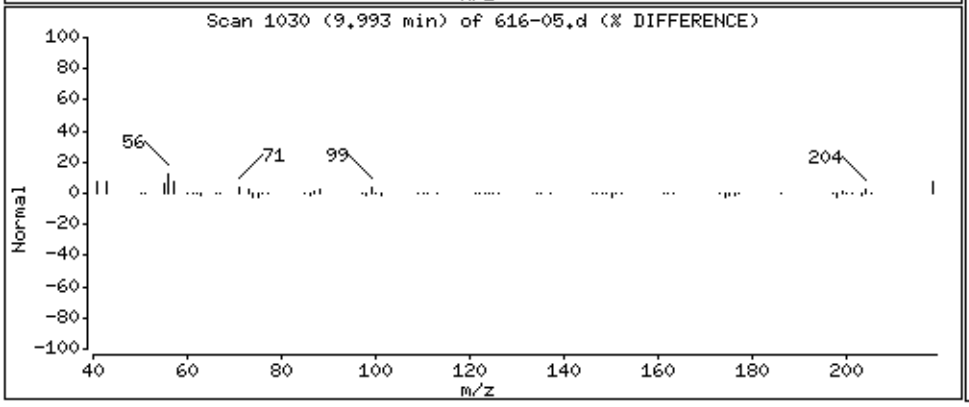












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

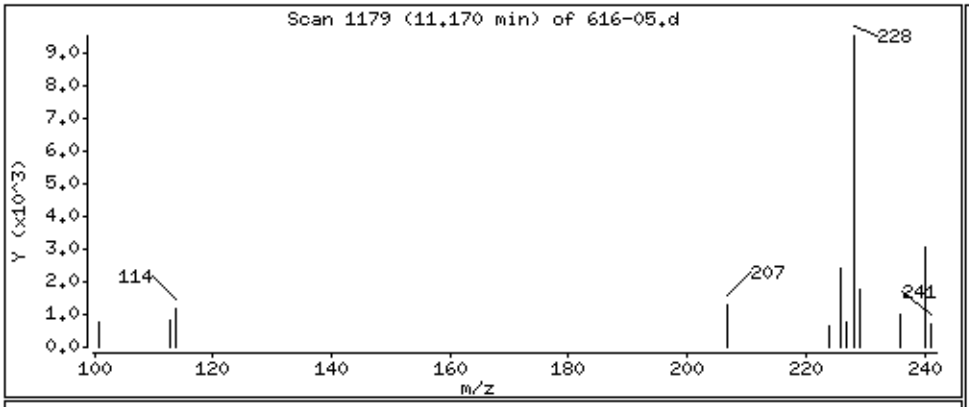
Operator: MJ

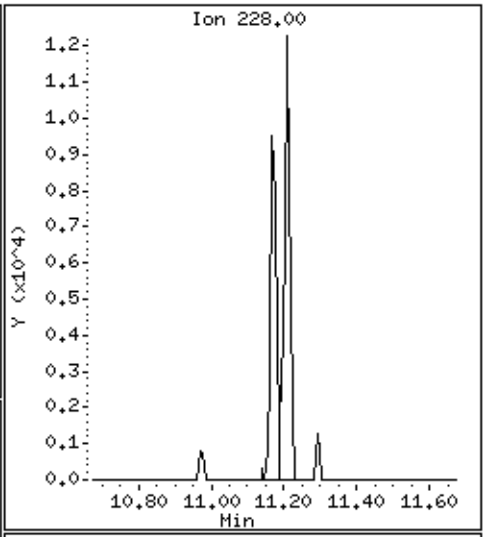
Column phase: HPMS-5

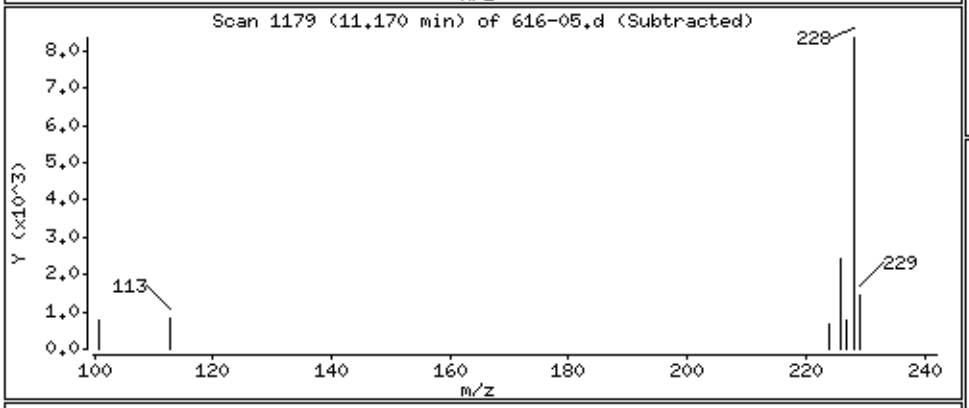
Column diameter: 0.25

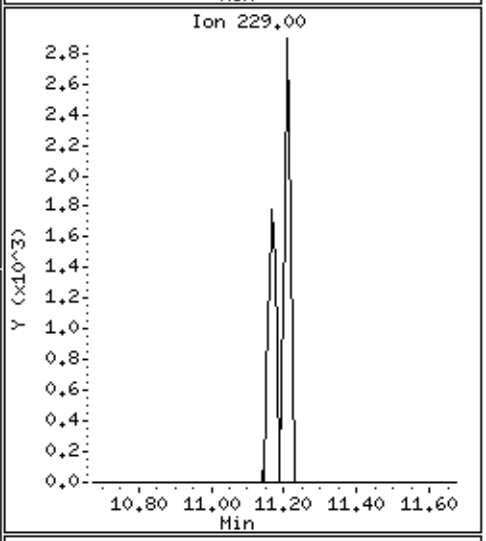
120 Benzo[a]anthracene

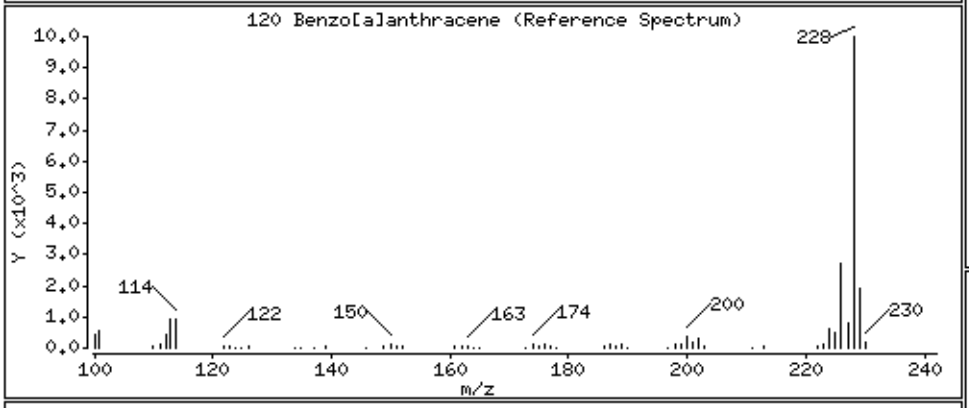
Concentration: 51.2 ug/kg

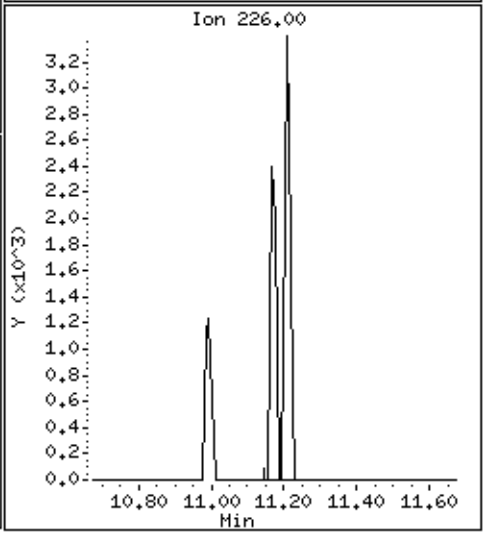


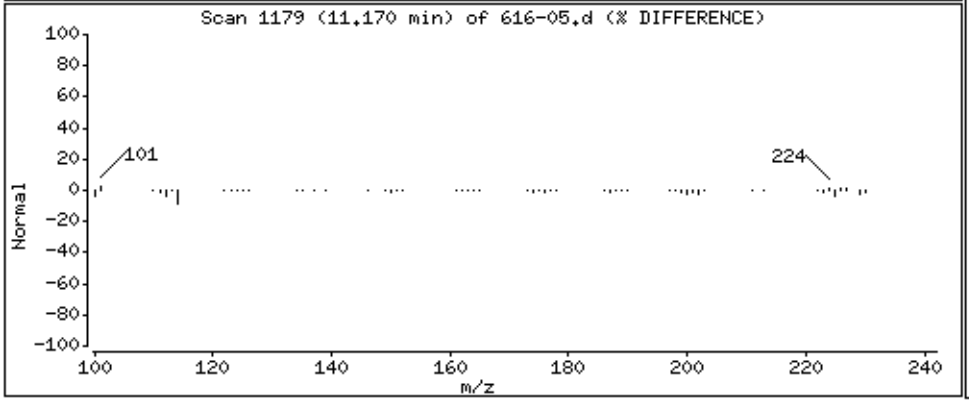












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

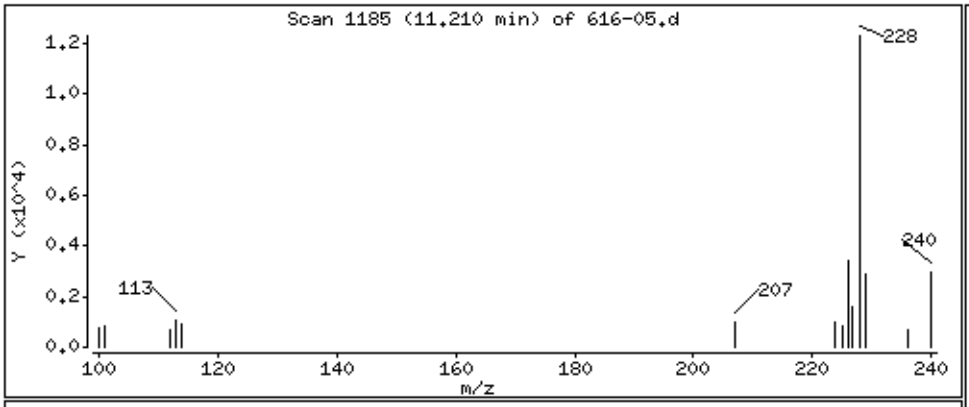
Operator: MJ

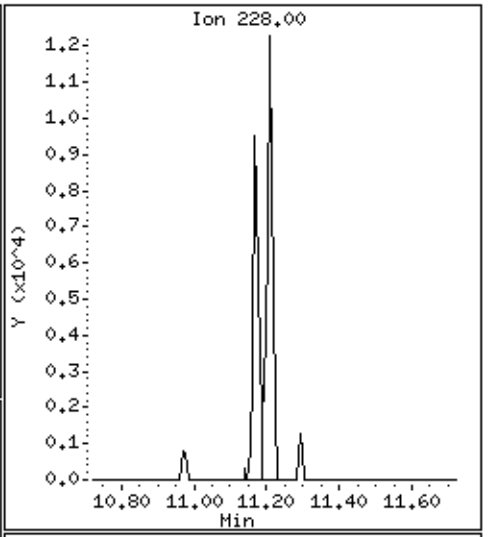
Column phase: HPMS-5

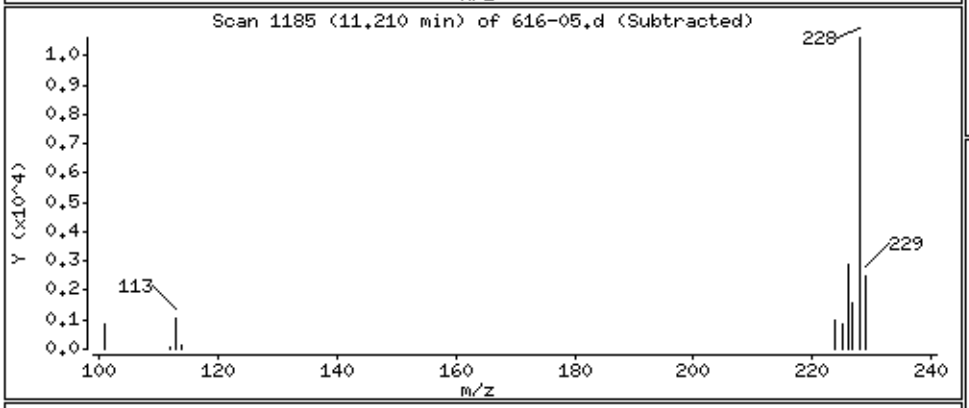
Column diameter: 0.25

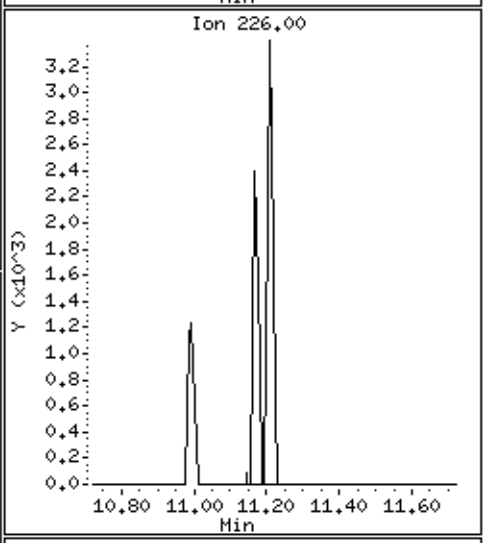
123 Chrysene

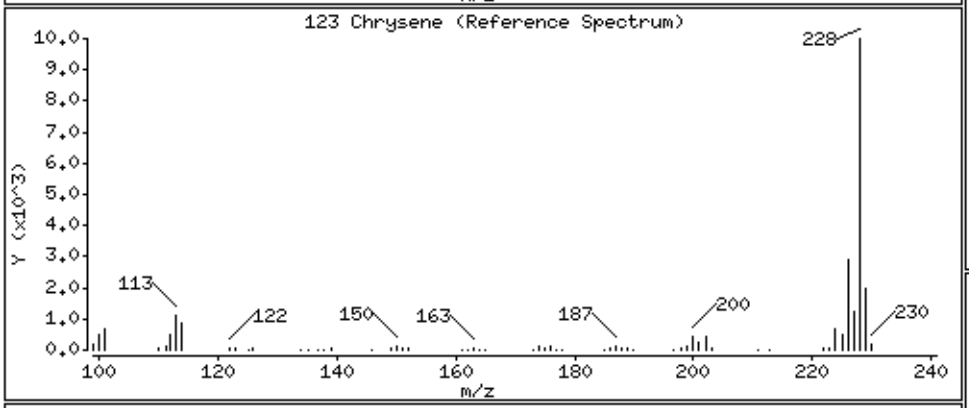
Concentration: 63.8 ug/kg

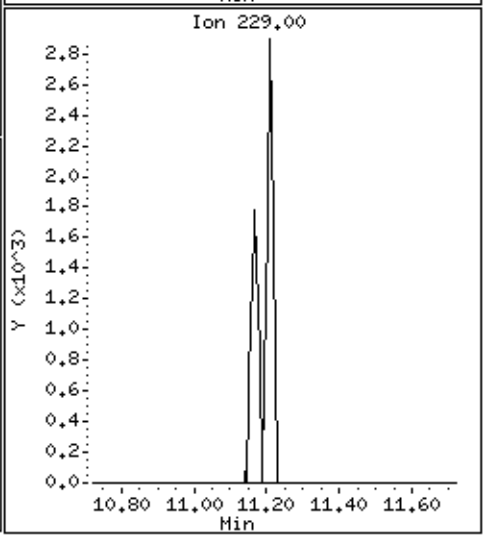


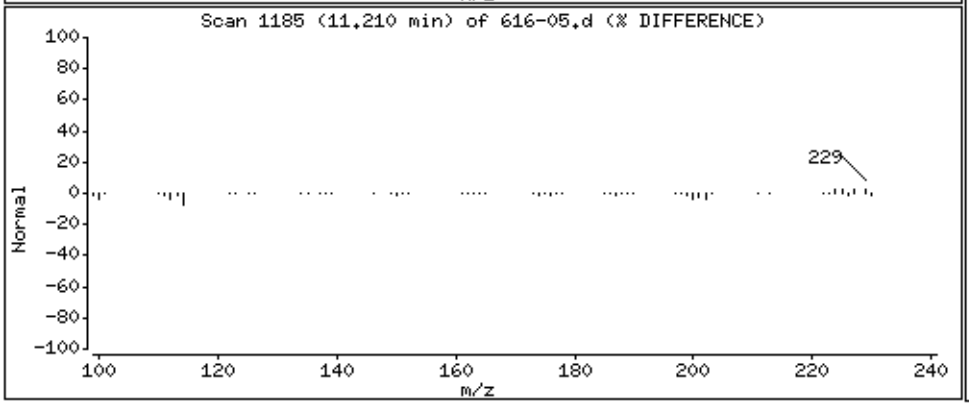












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

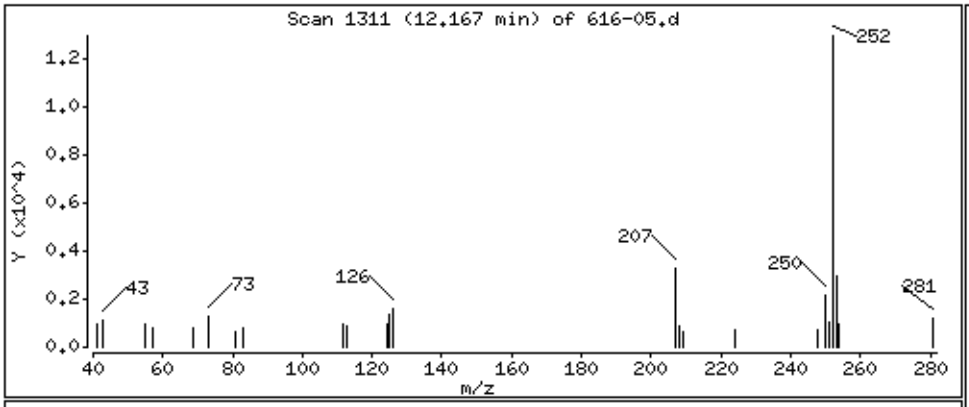
Operator: MJ

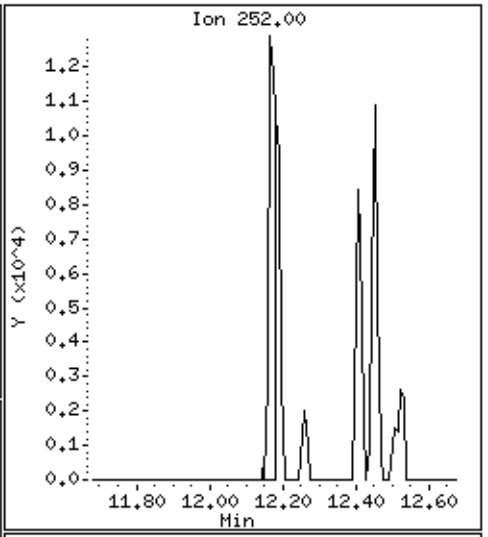
Column phase: HPMS-5

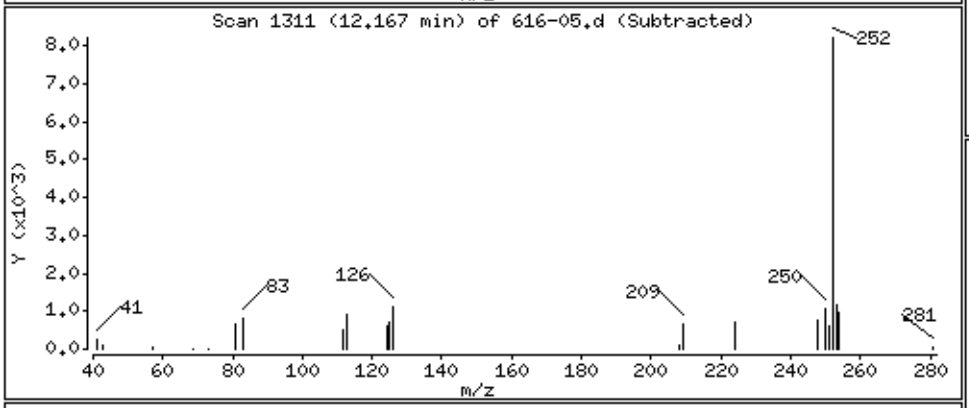
Column diameter: 0.25

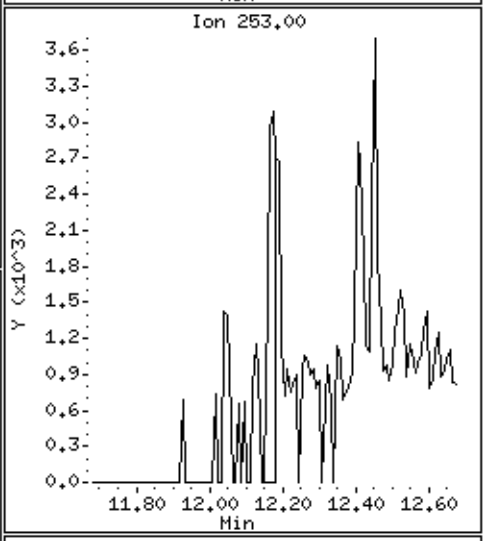
127 Benzo[b]fluoranthene

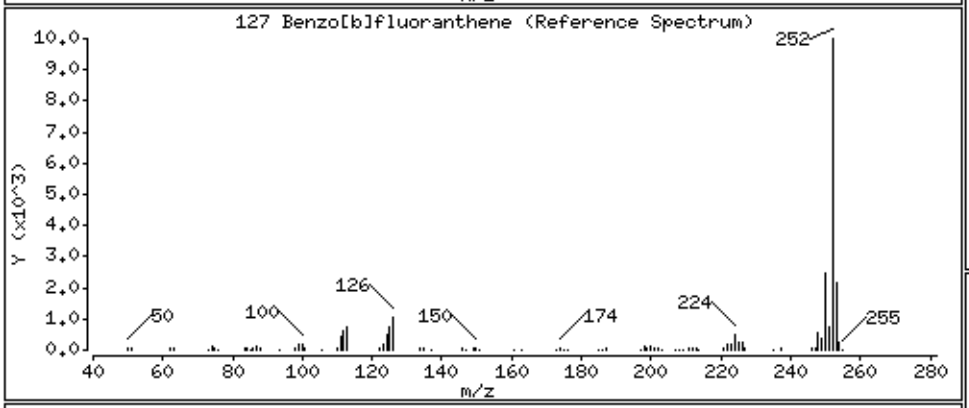
Concentration: 85.3 ug/kg

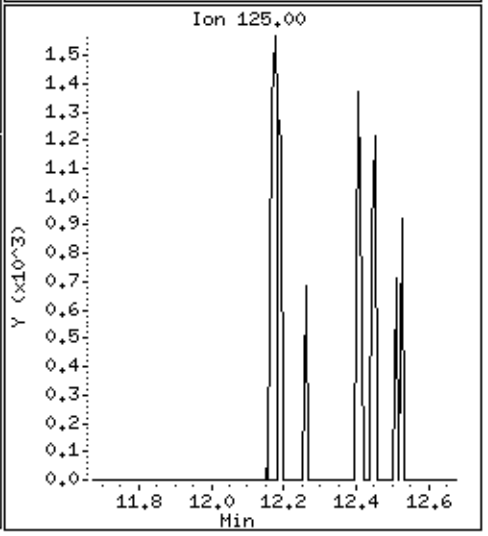


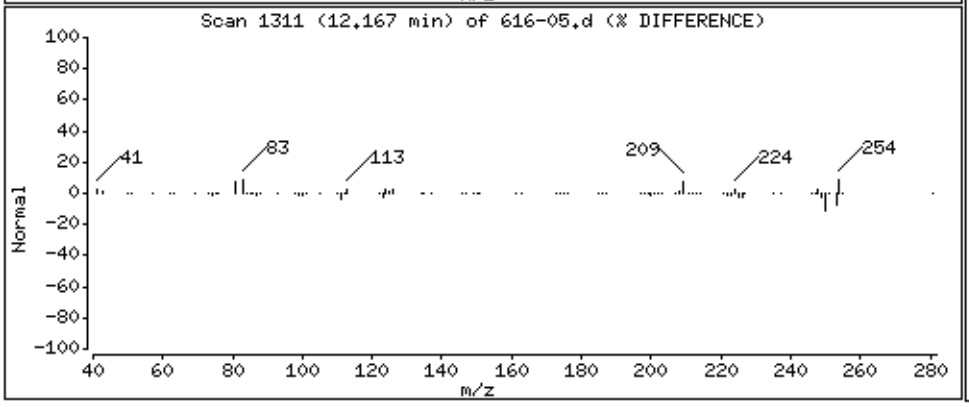












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

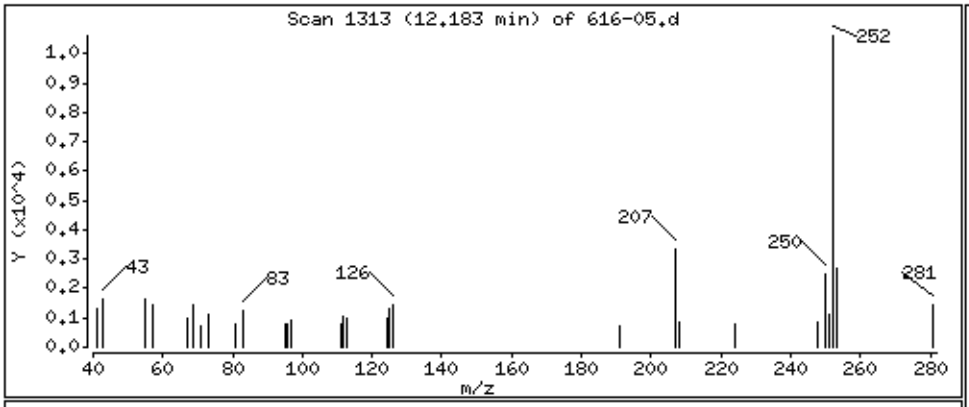
Operator: MJ

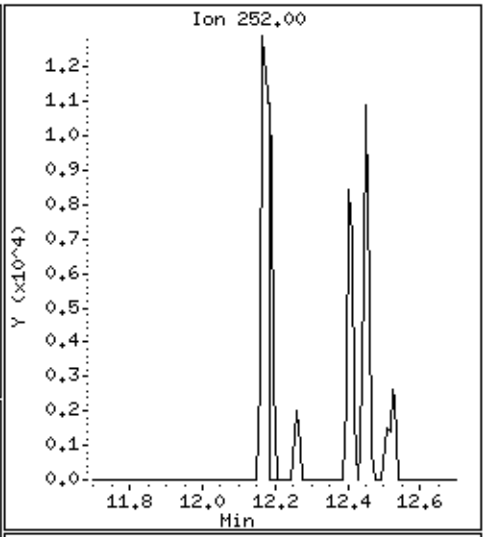
Column phase: HPMS-5

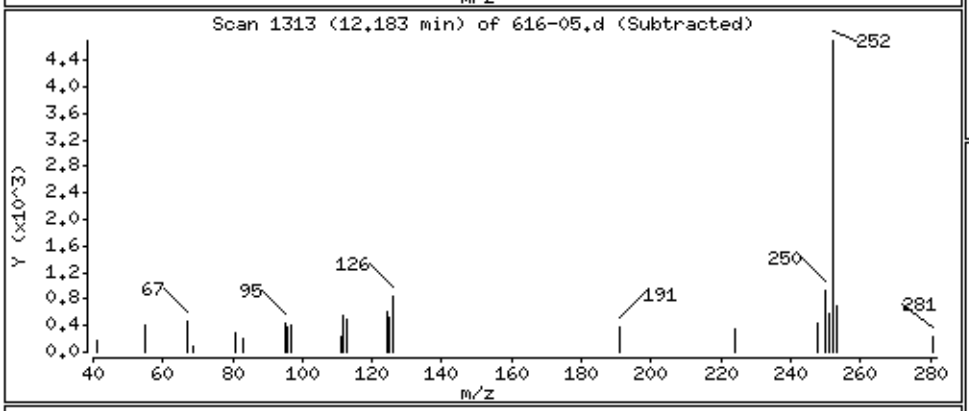
Column diameter: 0.25

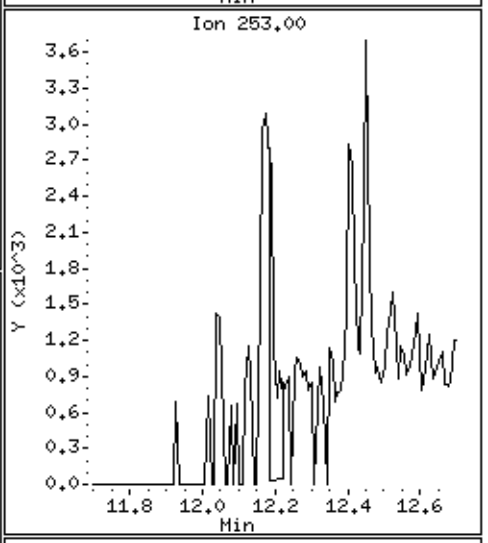
128 Benzo[k]fluoranthene

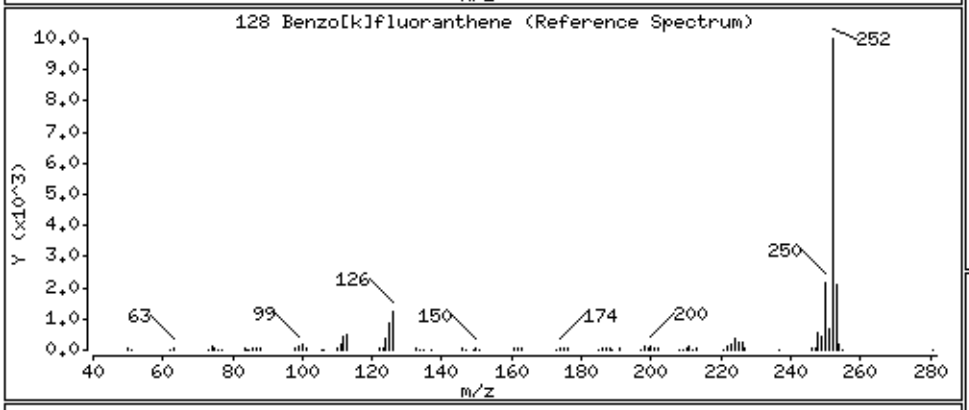
Concentration: 45.6 ug/kg

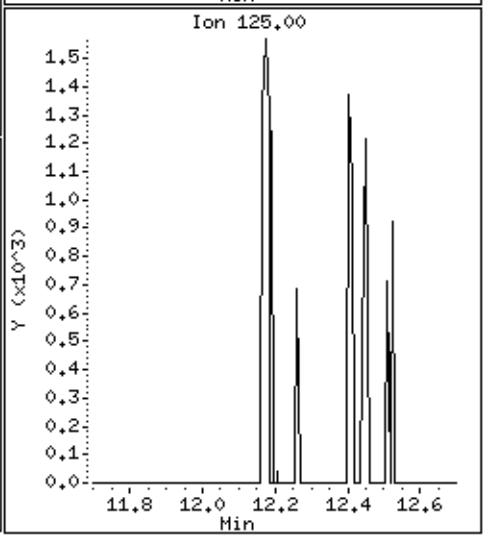


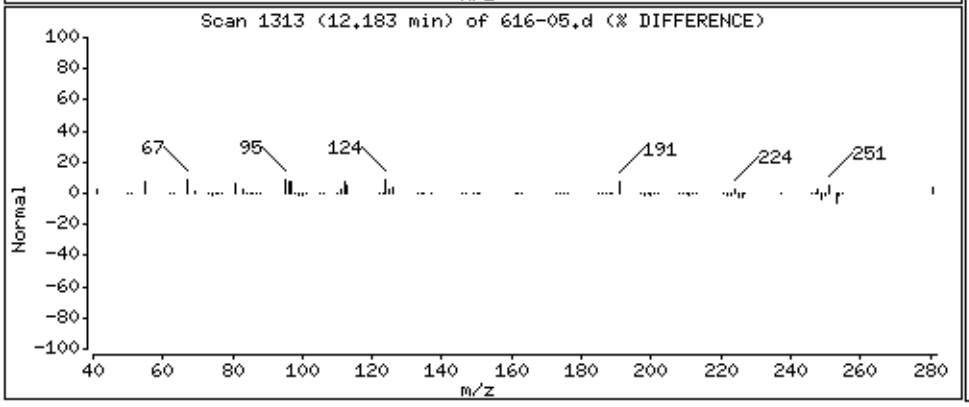












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

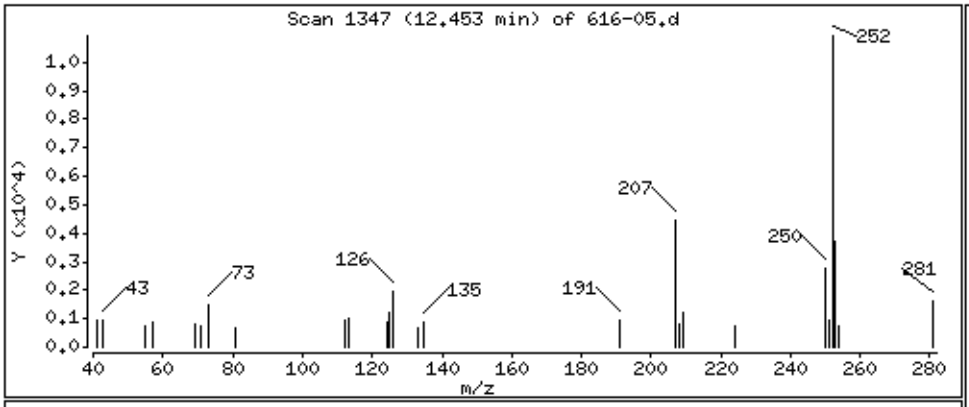
Operator: MJ

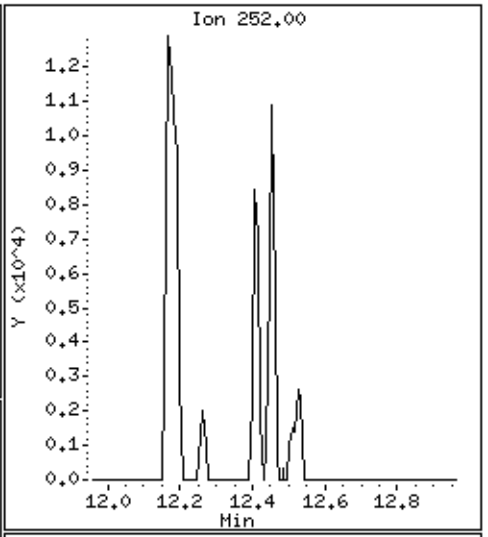
Column phase: HPMS-5

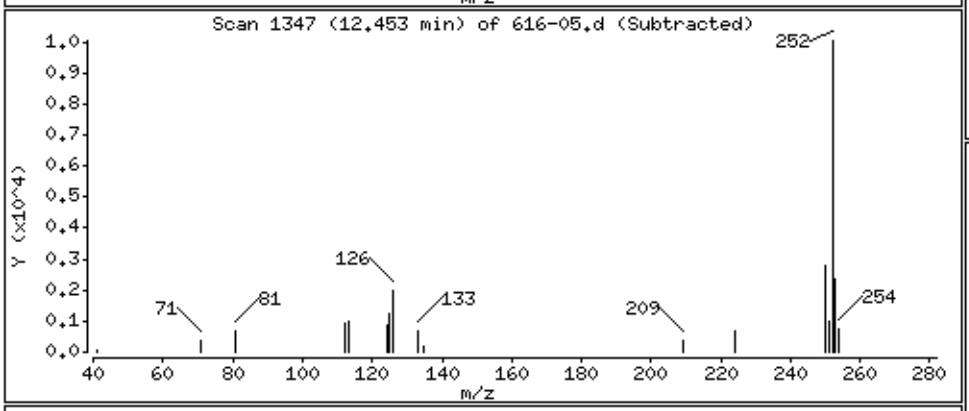
Column diameter: 0.25

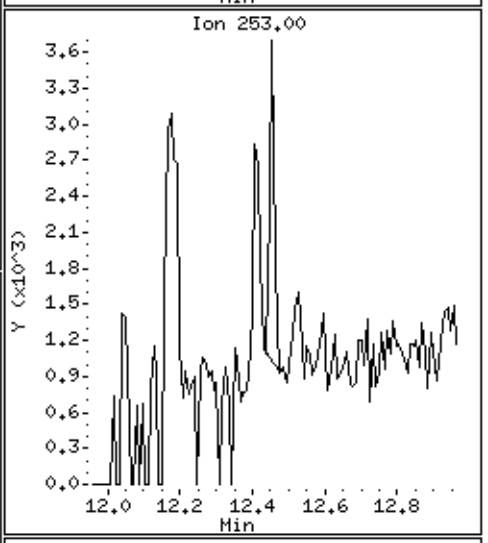
129 Benzo[a]pyrene

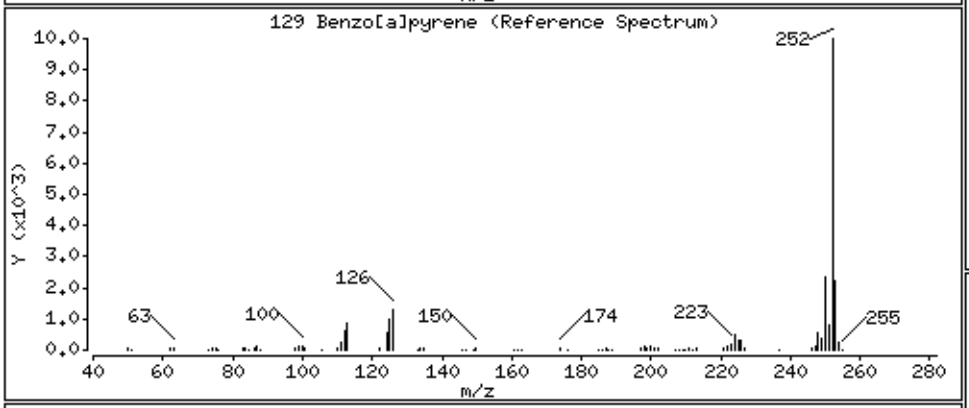
Concentration: 58.5 ug/kg

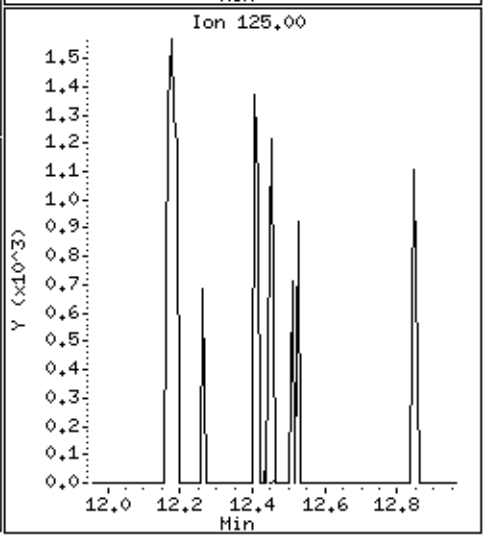


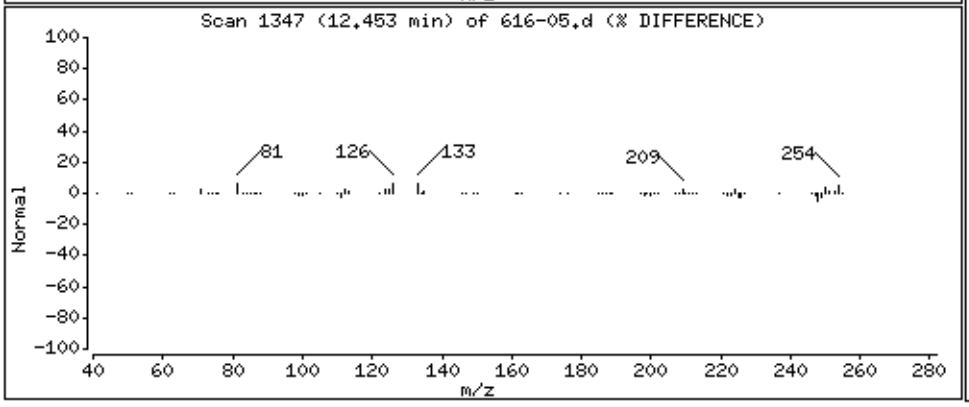












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

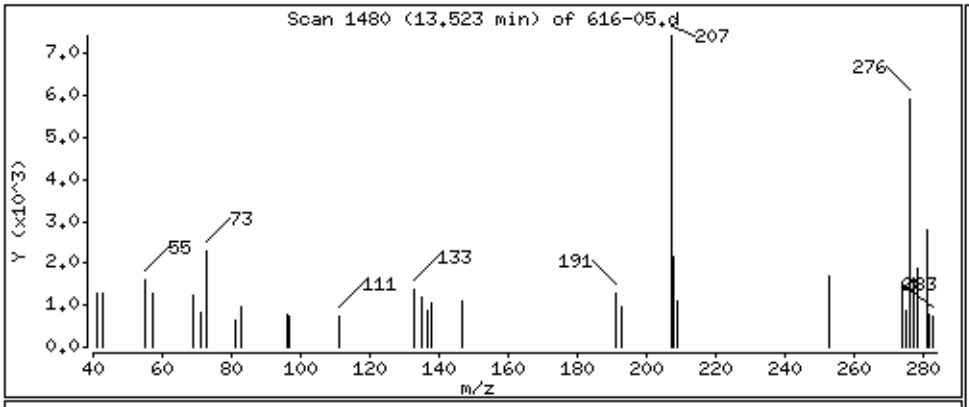
Operator: MJ

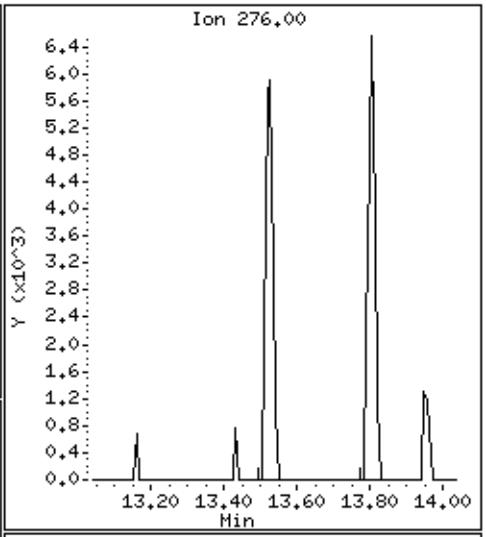
Column phase: HPMS-5

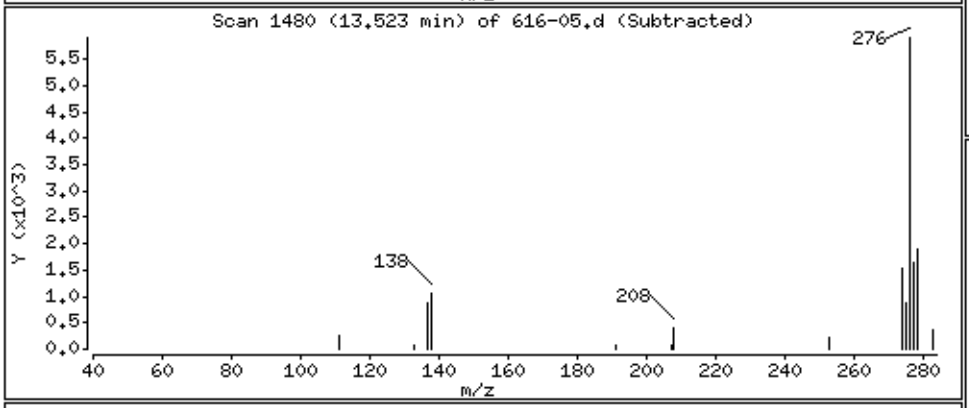
Column diameter: 0.25

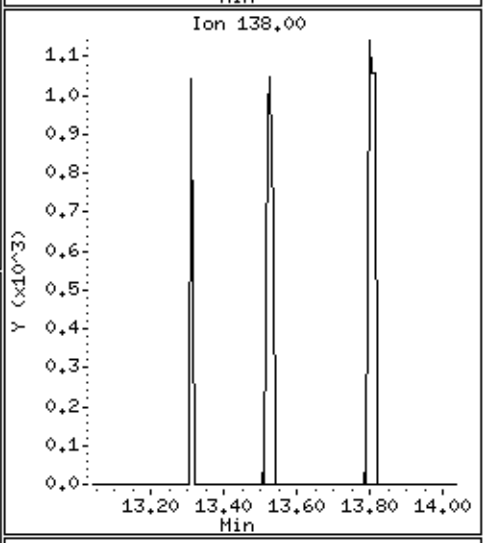
133 Indeno[1,2,3-cd]pyrene

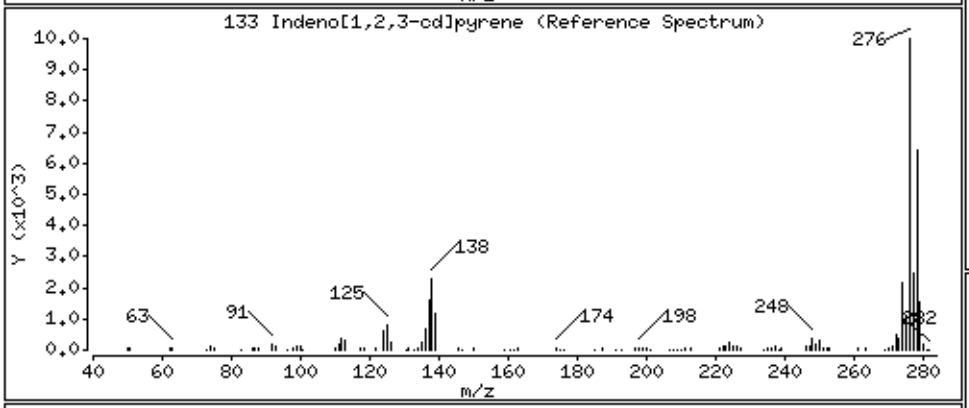
Concentration: 38.5 ug/kg

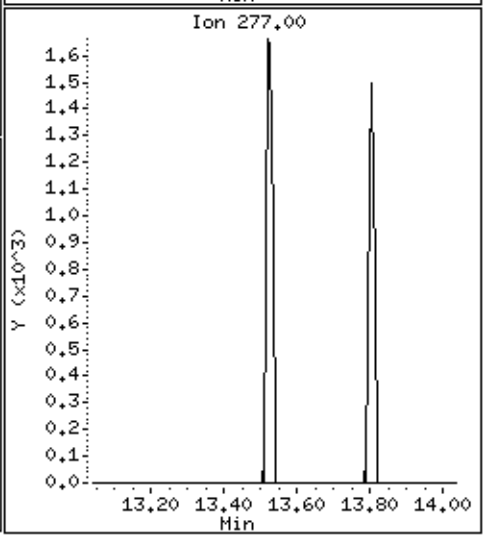


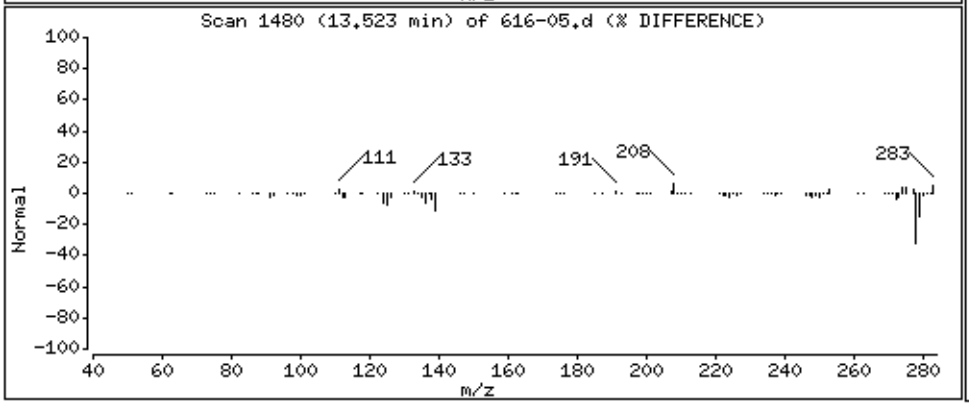












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-05.d

Date : 26-NOV-2012 19:28

Client ID: CV0043C-CS

Instrument: smsd04.i

Sample Info: SW350761605

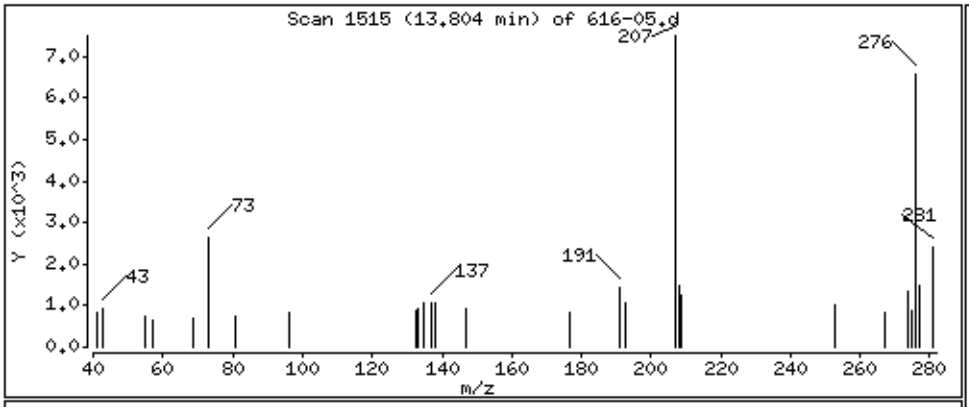
Operator: MJ

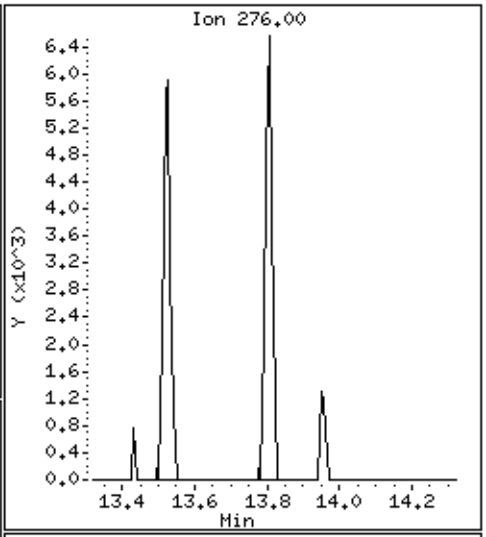
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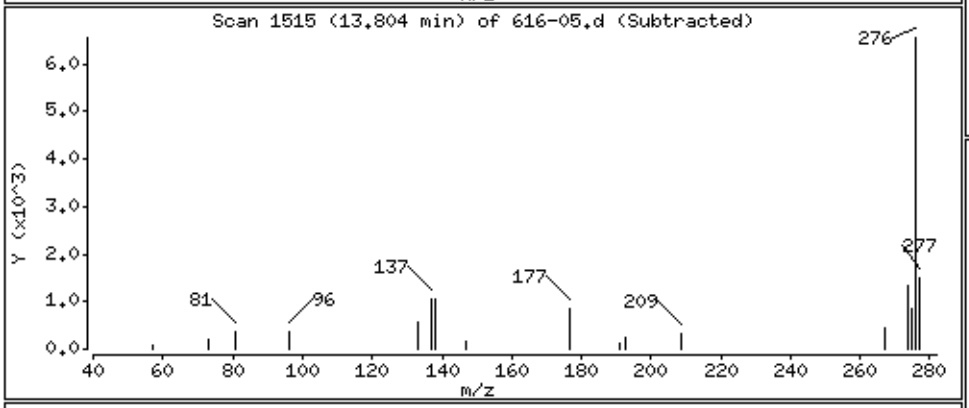
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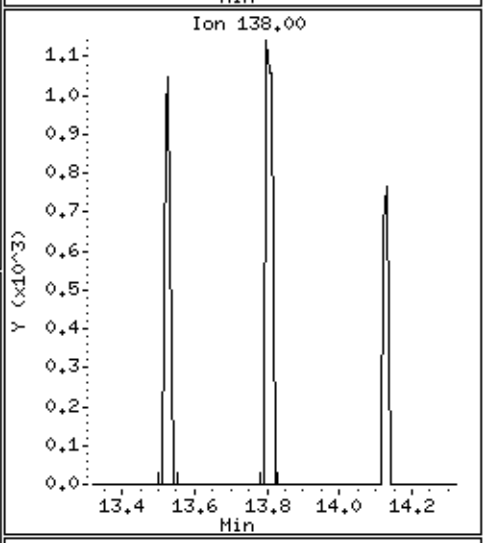
135 Benzo[g,h,i]perylene

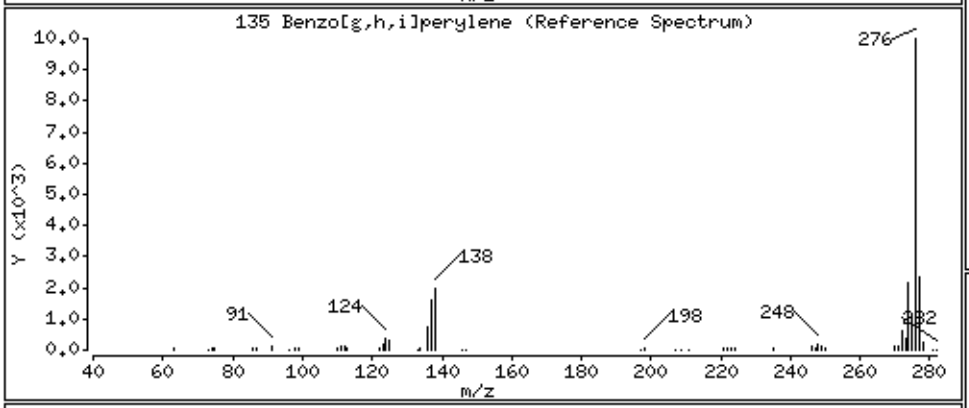
Concentration: 50.1 ug/kg

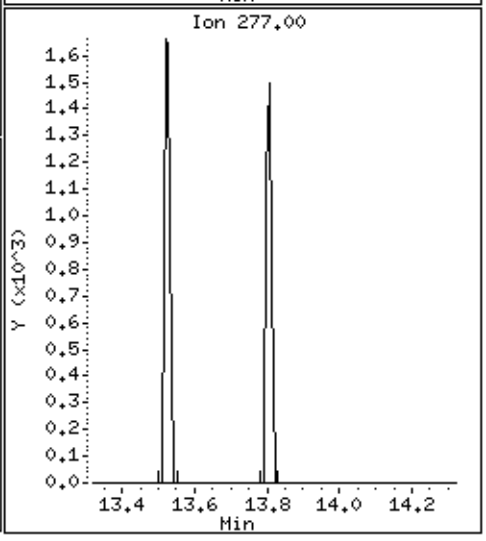


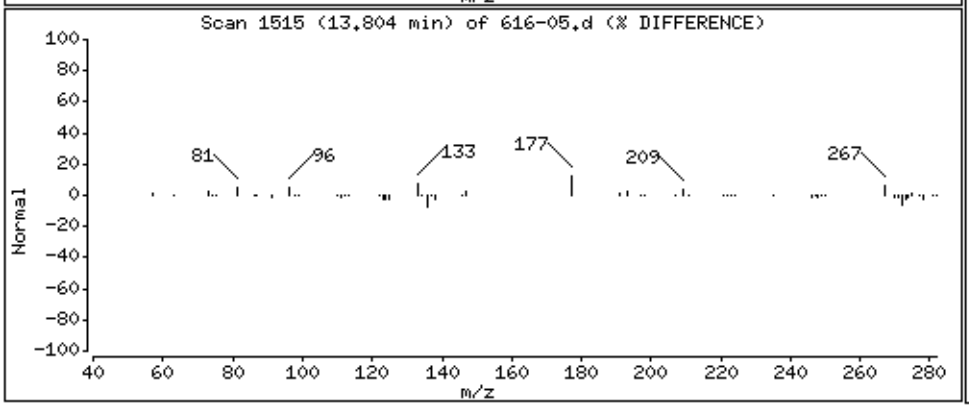












PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d
Lab Smp Id: 350761613 Client Smp ID: FM0126C-GS-SP
Inj Date : 26-NOV-2012 19:48 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : SW350761613
Misc Info :
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112612.b\8270bcs.m
Meth Date : 29-Nov-2012 11:15 smsd04.i Quant Type: ISTD
Cal Date : 15-NOV-2012 09:25 Cal File: AP9CAL7.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * (1/((Ws * (1-(M/100)))/1000))*Vf * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Ws	25.410	Weight of sample extracted (g)
M	28.200	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 6 2-Fluorophenol (SURR)						CAS #: 367-12-4		
3.238	3.236 (0.756)		112	162189	66.1497	3620	80.00- 120.00	100.00
3.237	3.236 (0.756)		64	100316			30.90- 90.90	61.85
9 Benzaldehyde						CAS #: 100-52-7		
3.921	3.917 (0.915)		77	1270	0.52806	28.9	80.00- 120.00	100.00(aQ)
3.920	3.918 (0.915)		106	420			53.07- 113.07	33.07
3.920	3.917 (0.915)		51	463			15.58- 75.58	36.46
$ 11 Phenol-d5 (SURR)						CAS #: 4165-62-2		
3.991	3.993 (0.932)		99	215250	69.3415	3800	80.00- 120.00	100.00
3.991	3.993 (0.932)		42	42069			0.00- 49.74	19.54
3.991	3.993 (0.932)		71	91555			12.23- 72.23	42.53
* 18 1,4-Dichlorobenzene-d4						CAS #: 3855-82-1		
4.283	4.282 (1.000)		152	77009	40.0000		80.00- 120.00	100.00
4.283	4.282 (1.000)		115	48291			33.16- 93.16	62.71
4.283	4.282 (1.000)		150	119748			129.12- 189.12	155.50
$ 31 Nitrobenzene-d5 (SURR)						CAS #: 4165-60-0		
4.801	4.803 (0.881)		82	109333	33.9184	1860	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 31 Nitrobenzene-d5 (SURR) (continued)								
4.801	4.803	(0.881)	128	42242			6.88- 66.88	38.64
4.801	4.803	(0.881)	54	53653			18.52- 78.52	49.07
* 43 Naphthalene-d8						CAS #: 1146-65-2		
5.449	5.450	(1.000)	136	257101	40.0000		80.00- 120.00	100.00
5.449	5.450	(1.000)	68	17921			0.00- 37.24	6.97
44 Naphthalene						CAS #: 91-20-3		
5.468	5.470	(1.004)	128	21506	3.16613	174	80.00- 120.00	100.00
5.468	5.470	(1.003)	129	2515			0.00- 40.48	11.69
5.468	5.470	(1.003)	127	2756			0.00- 42.78	12.82
53 2-Methylnaphthalene						CAS #: 91-57-6		
6.124	6.126	(1.124)	142	7411	1.61994	88.8	80.00- 120.00	100.00
6.123	6.127	(1.124)	141	5872			56.23- 116.23	79.23
54 1-Methylnaphthalene						CAS #: 90-12-0		
6.230	6.232	(1.143)	142	3405	0.80854	44.3	80.00- 120.00	100.00
6.230	6.232	(1.143)	141	3275			59.25- 119.25	96.18
$ 59 2-Fluorobiphenyl (SURR)						CAS #: 321-60-8		
6.497	6.500	(0.908)	172	210201	35.5211	1950	80.00- 120.00	100.00
6.497	6.500	(0.908)	171	70412			3.84- 63.84	33.50
* 70 Acenaphthene-d10						CAS #: 15067-26-2		
7.152	7.153	(1.000)	164	165611	40.0000		80.00- 120.00	100.00
7.151	7.153	(1.000)	162	155850			65.06- 125.06	94.11
7.151	7.153	(1.000)	160	70694			12.17- 72.17	42.69
71 Acenaphthene						CAS #: 83-32-9		
7.180	7.185	(1.004)	154	9494	2.15120	118	80.00- 120.00	100.00
7.181	7.185	(1.004)	153	9451			76.52- 136.52	99.55
7.180	7.185	(1.004)	152	5069			21.98- 81.98	53.39
75 Dibenzofuran						CAS #: 132-64-9		
7.335	7.339	(1.026)	168	10966	1.62103	88.8	80.00- 120.00	100.00
7.335	7.339	(1.026)	139	4391			11.31- 71.31	40.04
81 Fluorene						CAS #: 86-73-7		
7.671	7.675	(1.073)	166	9939	1.66947	91.5	80.00- 120.00	100.00
7.671	7.675	(1.073)	165	9582			62.62- 122.62	96.41
7.670	7.675	(1.072)	167	1083			0.00- 43.42	10.90
$ 88 2,4,6-Tribromophenol (SURR)						CAS #: 118-79-6		
7.927	7.930	(1.108)	330	87272	85.2885	4670	80.00- 120.00	100.00
7.928	7.930	(1.109)	332	85181			68.63- 128.63	97.60
7.926	7.930	(1.108)	141	35679			11.84- 71.84	40.88
* 100 Phenanthrene-d10						CAS #: 1517-22-2		
8.584	8.590	(1.000)	188	303166	40.0000		80.00- 120.00	100.00
8.583	8.589	(1.000)	94	30447			0.00- 40.12	10.04
8.583	8.589	(1.000)	80	34438			0.00- 41.14	11.36

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/ml)	(ug/kg)	TARGET RANGE	RATIO
101 Phenanthrene							CAS #: 85-01-8	
8.605	8.610	(1.002)	178	116120	13.9729	766	80.00- 120.00	100.00
8.605	8.610	(1.002)	179	17931			0.00- 45.11	15.44
8.605	8.610	(1.002)	176	22270			0.00- 48.80	19.18
103 Anthracene							CAS #: 120-12-7	
8.648	8.653	(1.007)	178	31192	4.21689	231	80.00- 120.00	100.00
8.647	8.653	(1.007)	179	6862			0.00- 45.35	22.00
8.648	8.653	(1.007)	176	5371			0.00- 48.24	17.22
104 Carbazole							CAS #: 86-74-8	
8.809	8.814	(1.026)	167	25549	3.48373	191	80.00- 120.00	100.00
8.809	8.814	(1.026)	139	3468			0.00- 43.54	13.57
8.809	8.814	(1.026)	83	2592			0.00- 38.95	10.15
109 Fluoranthene							CAS #: 206-44-0	
9.776	9.780	(1.139)	202	147712	16.2247	889	80.00- 120.00	100.00
9.776	9.779	(1.139)	101	14986			0.00- 41.45	10.15
9.776	9.779	(1.139)	203	26285			0.00- 47.25	17.79
111 Pyrene							CAS #: 129-00-0	
9.995	9.999	(0.893)	202	115586	13.0578	716	80.00- 120.00	100.00
9.995	9.999	(0.893)	200	23570			0.00- 50.66	20.39
9.995	9.999	(0.893)	203	25369			0.00- 47.28	21.95
$ 112 Terphenyl-d14 (SURR)							CAS #: 1718-51-0	
10.159	10.161	(0.908)	244	249898	36.3328	1990	80.00- 120.00	100.00
10.159	10.161	(0.908)	122	27178			0.00- 40.51	10.88
10.159	10.162	(0.908)	212	19882			0.00- 37.89	7.96
120 Benzo[a]anthracene							CAS #: 56-55-3	
11.172	11.176	(0.998)	228	83480	9.53650	523	80.00- 120.00	100.00
11.170	11.176	(0.998)	229	25608			0.00- 49.39	30.68
11.172	11.176	(0.998)	226	21485			0.00- 56.87	25.74
* 121 Chrysene-d12							CAS #: 1719-03-5	
11.190	11.191	(1.000)	240	334481	40.0000		80.00- 120.00	100.00
11.189	11.191	(1.000)	120	33136			0.00- 39.96	9.91
11.190	11.191	(1.000)	236	81173			0.00- 54.60	24.27
123 Chrysene							CAS #: 218-01-9	
11.212	11.219	(1.002)	228	93887	10.8760	596	80.00- 120.00	100.00
11.212	11.219	(1.002)	226	27073			0.00- 59.12	28.84
11.212	11.219	(1.002)	229	25477			0.00- 49.78	27.14
124 Bis-2-Ethylhexylphthalate							CAS #: 117-81-7	
11.254	11.257	(1.006)	149	21934	3.74494	205	80.00- 120.00	100.00
11.254	11.257	(1.006)	167	6157			0.50- 60.50	28.07
11.254	11.257	(1.006)	279	1105			0.00- 37.80	5.04
127 Benzo[b]fluoranthene							CAS #: 205-99-2	
12.174	12.179	(0.973)	252	98576	10.9061	598	80.00- 120.00	100.00(M)
12.174	12.179	(0.973)	253	23723			0.00- 52.33	24.07

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
127 Benzo[b]fluoranthene (continued)								
12.174	12.177	(0.973)	125	9936			0.00- 39.28	10.08
128 Benzo[k]fluoranthene						CAS #: 207-08-9		
12.190	12.198	(0.975)	252	79358	7.84786	430	80.00- 120.00	100.00(M)
12.190	12.198	(0.975)	253	18500			0.00- 52.33	23.31
12.190	12.198	(0.975)	125	8327			0.00- 38.22	10.49
129 Benzo[a]pyrene						CAS #: 50-32-8		
12.452	12.460	(0.996)	252	71278	8.60921	472	80.00- 120.00	100.00(M)
12.452	12.460	(0.996)	253	14674			0.00- 54.56	20.59
12.452	12.460	(0.996)	125	7669			0.00- 39.30	10.76
* 130 Perylene-d12						CAS #: 1520-96-3		
12.507	12.509	(1.000)	264	317232	40.0000		80.00- 120.00	100.00
12.507	12.509	(1.000)	260	71343			0.00- 52.64	22.49
12.507	12.508	(1.000)	265	69732			0.00- 51.95	21.98
132 Dibenz(a,j)acridine						CAS #: 224-42-0		
13.328	13.337	(1.066)	279	3869	0.58255	31.9	80.00- 120.00	100.00(Q)
13.314	13.336	(1.065)	280	9888			0.00- 52.89	255.57
13.316	13.337	(1.065)	277	767			0.00- 44.93	19.82
133 Indeno[1,2,3-cd]pyrene						CAS #: 193-39-5		
13.526	13.537	(1.081)	276	48453	5.21424	286	80.00- 120.00	100.00
13.525	13.539	(1.081)	138	10969			0.00- 51.93	22.64
13.526	13.538	(1.081)	277	16057			0.00- 55.82	33.14
134 Dibenz[a,h]anthracene						CAS #: 53-70-3		
13.530	13.544	(1.082)	278	26265	3.35337	184	80.00- 120.00	100.00
13.530	13.542	(1.082)	139	3030			0.00- 43.95	11.54
13.527	13.544	(1.081)	279	6548			0.00- 53.16	24.93
135 Benzo[g,h,i]perylene						CAS #: 191-24-2		
13.807	13.818	(1.104)	276	43422	5.86822	322	80.00- 120.00	100.00
13.807	13.818	(1.104)	138	8303			0.00- 48.47	19.12
13.806	13.818	(1.104)	277	10770			0.00- 54.12	24.80

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

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Client ID: FM0126C-GS-SP
Sample Info: SW3507616I3

Instrument: smsdo4.i
Operator: MJ
Column diameter: 0.25

Column phase: HPMS-5

Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

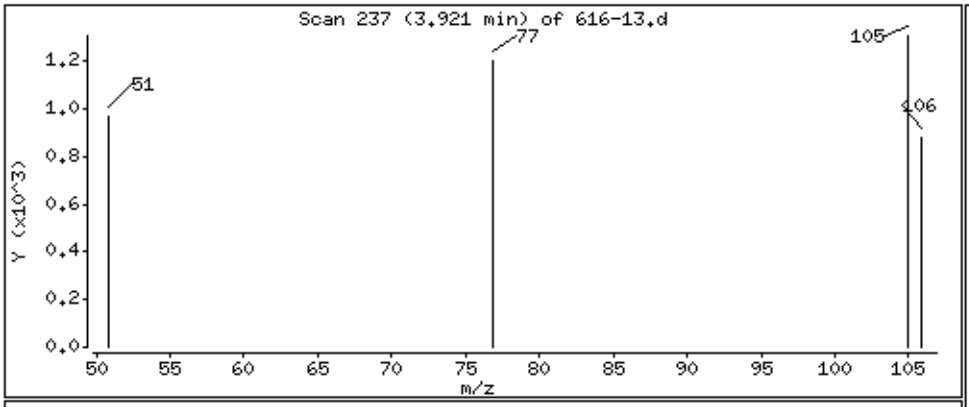
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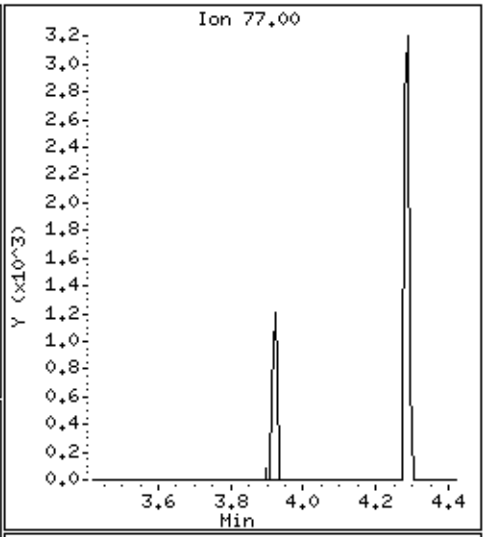
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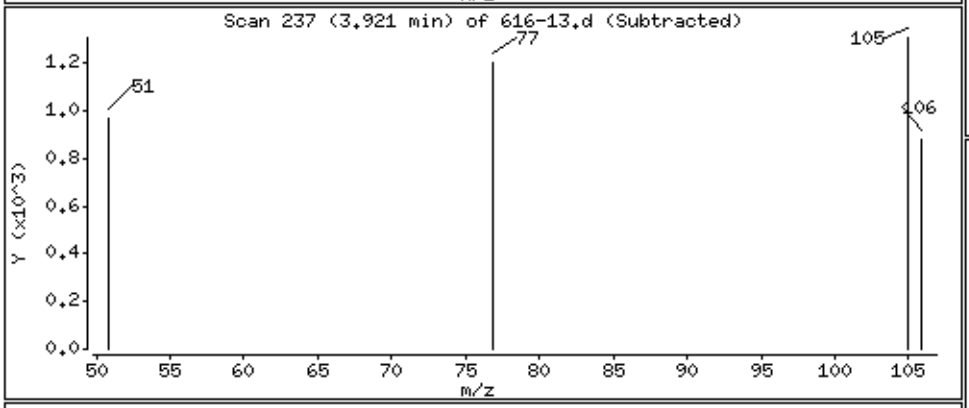
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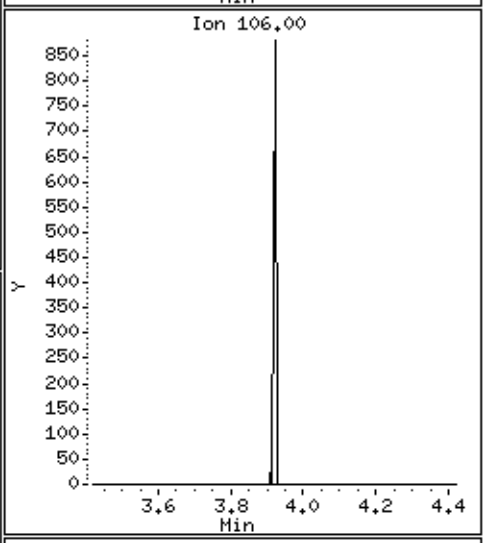
9 Benzaldehyde

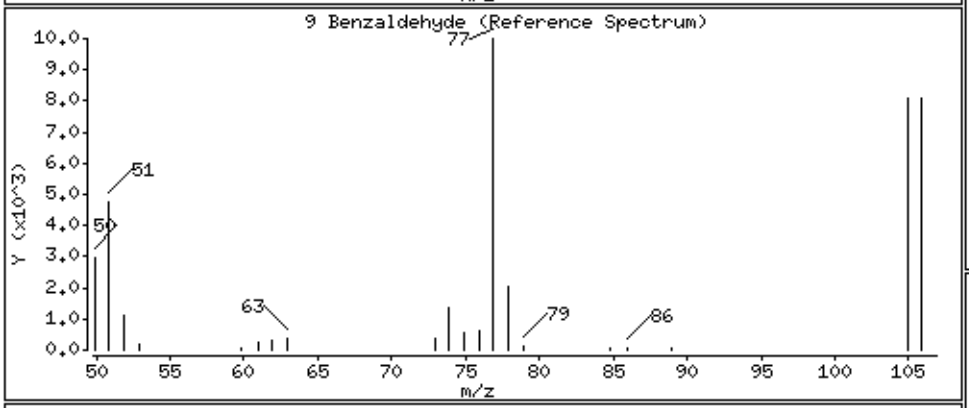
Concentration: 28.9 ug/kg

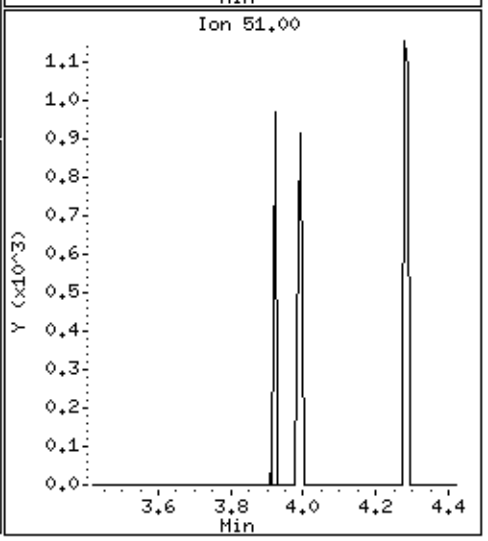


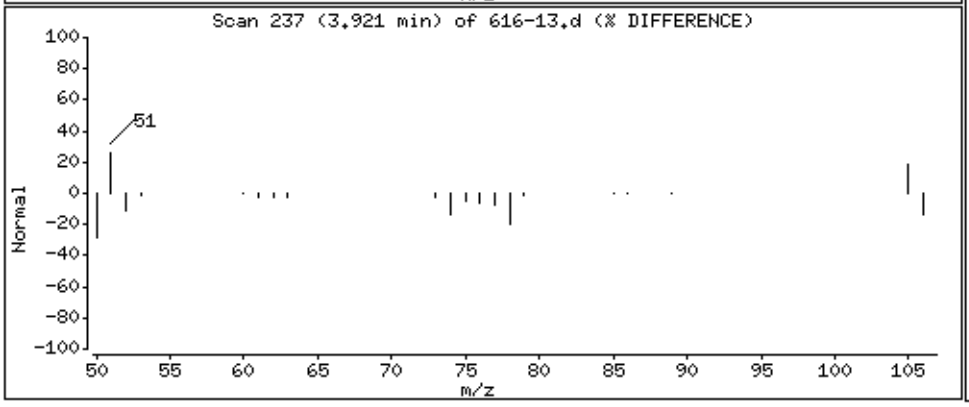












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

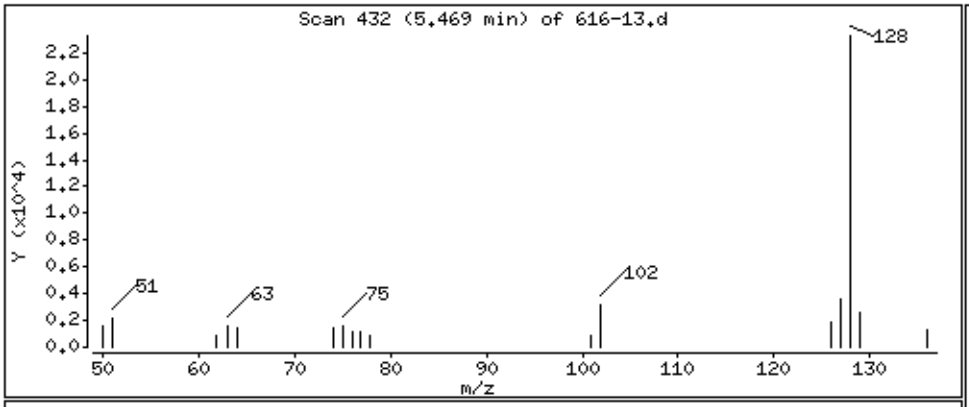
Operator: MJ

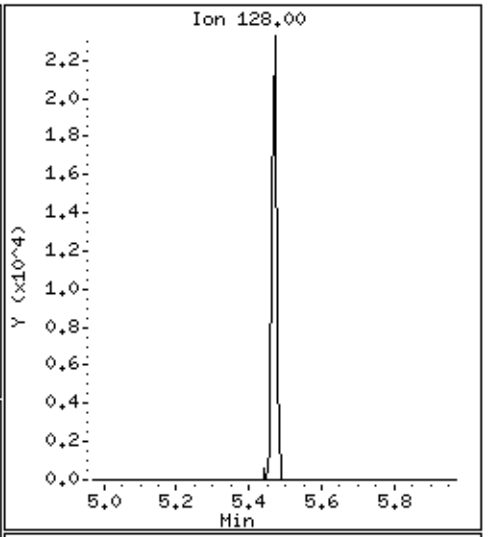
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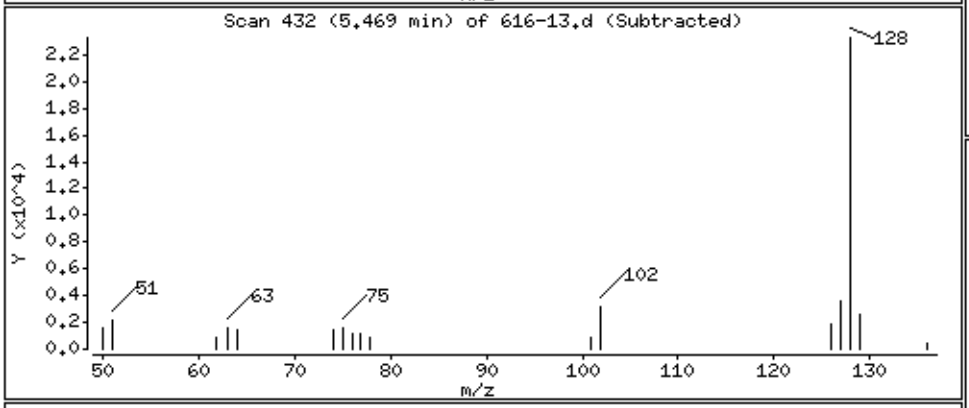
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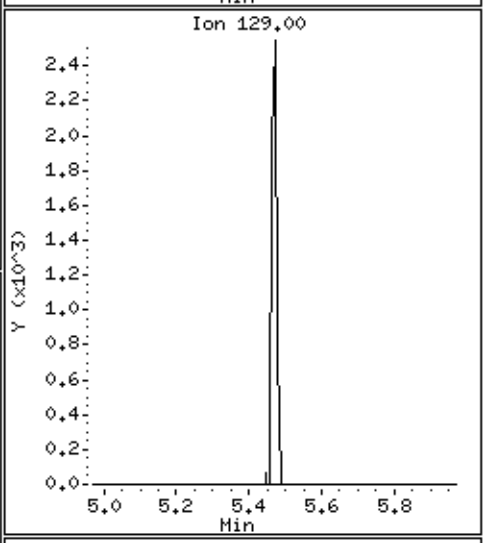
44 Naphthalene

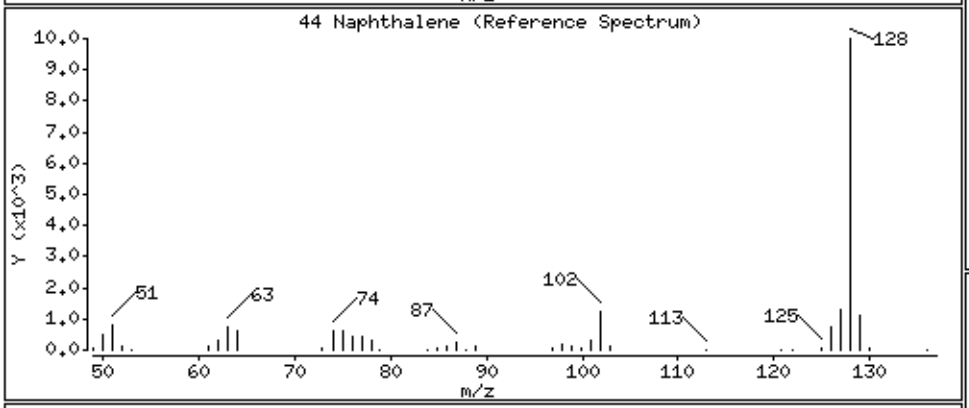
Concentration: 174 ug/kg

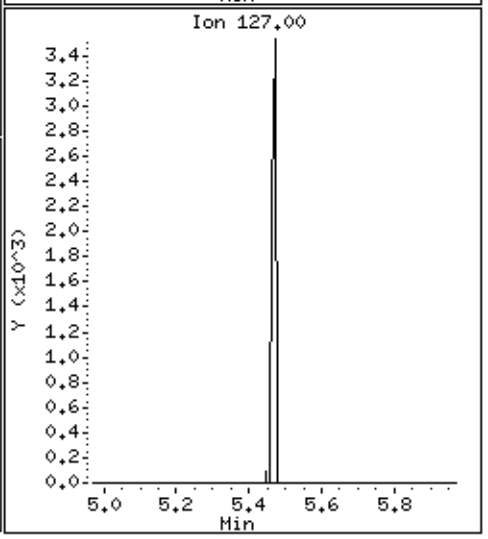


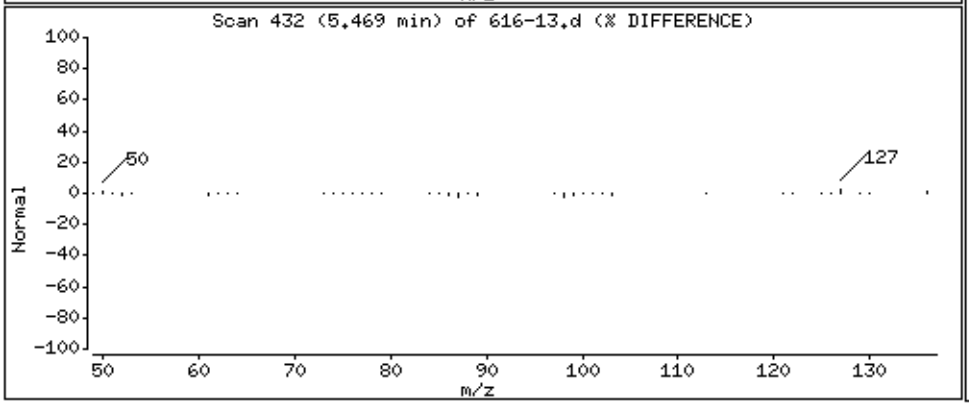












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

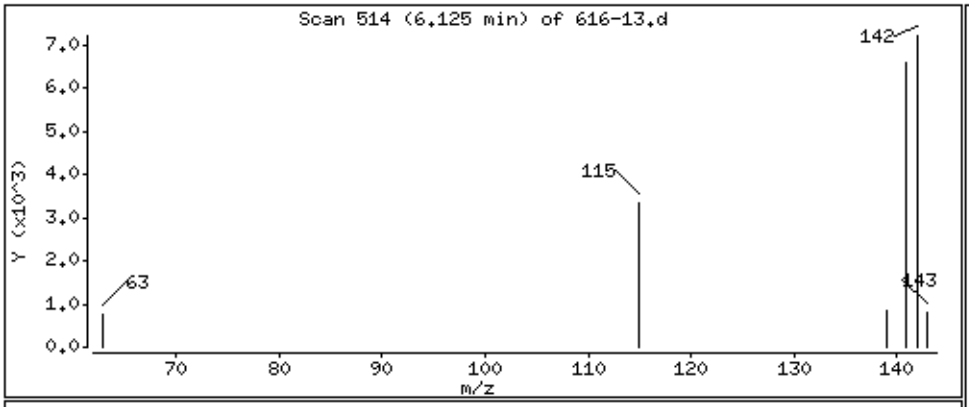
Operator: MJ

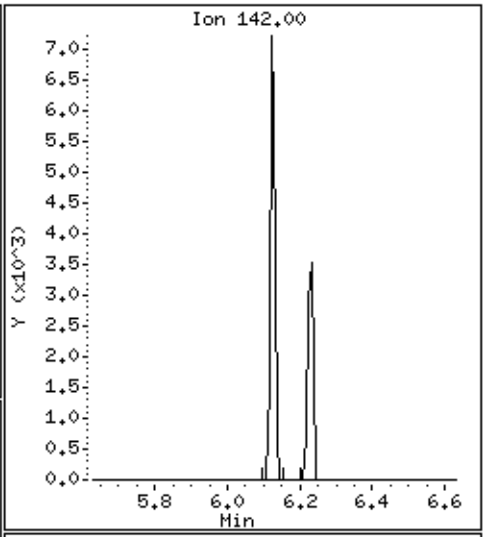
Column phase: HPMS-5

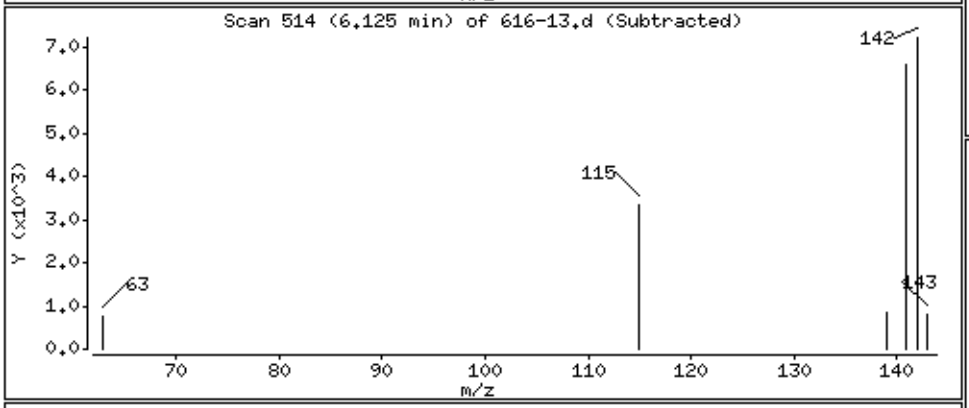
Column diameter: 0.25

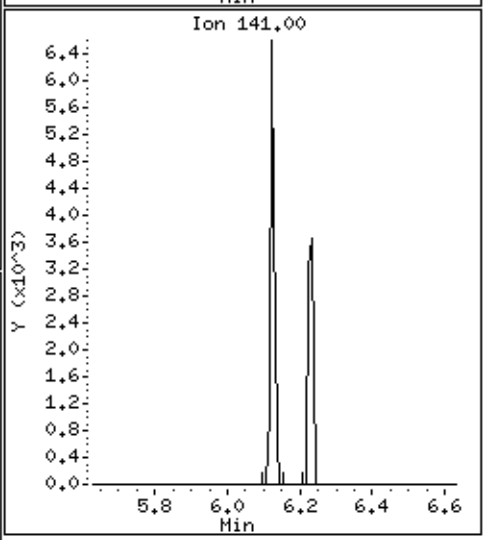
53 2-Methylnaphthalene

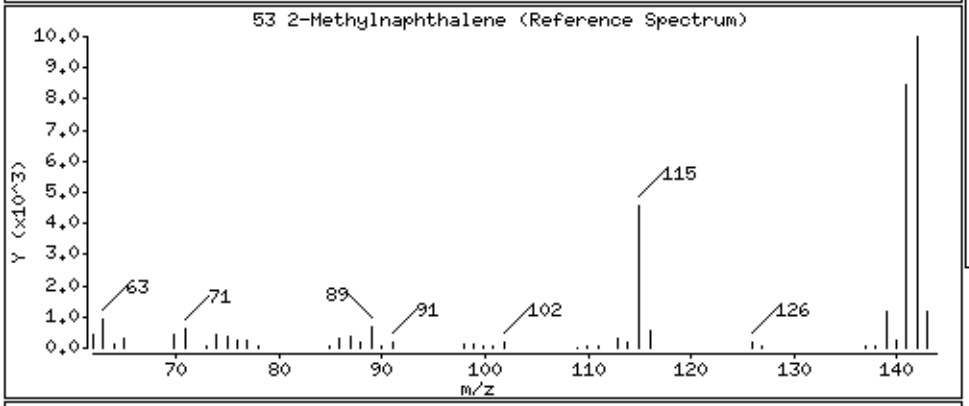
Concentration: 88.8 ug/kg

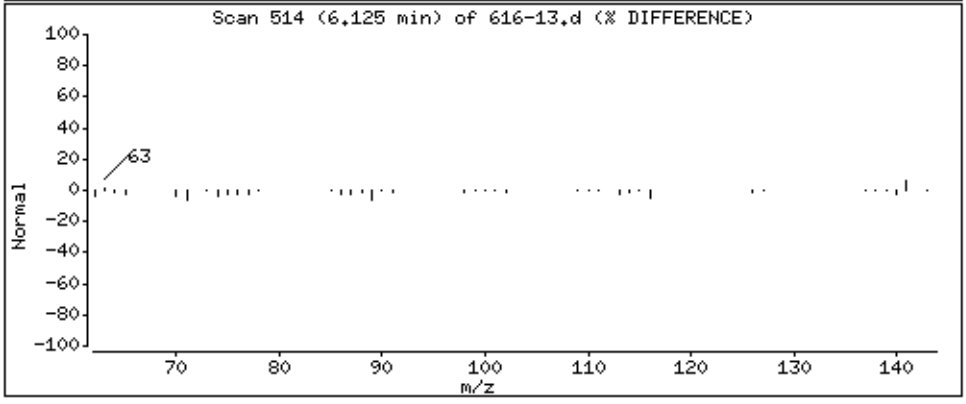












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

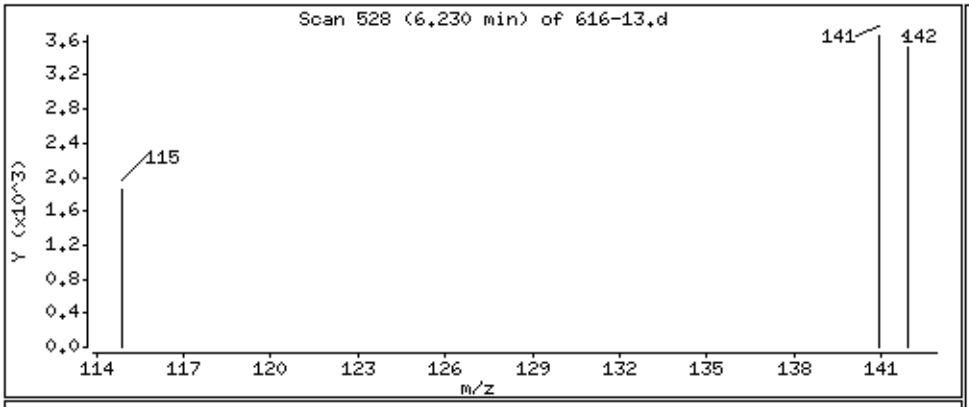
Operator: MJ

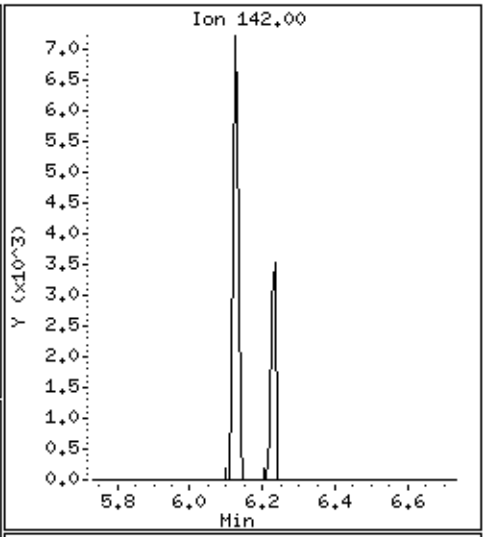
Column phase: HPMS-5

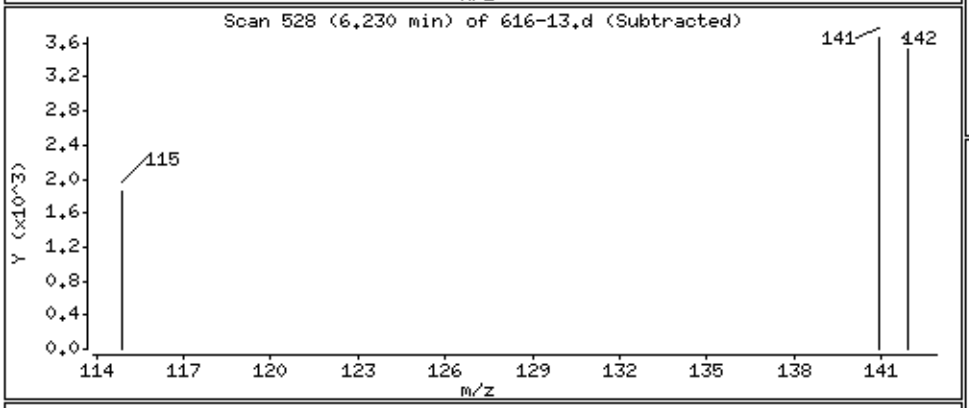
Column diameter: 0.25

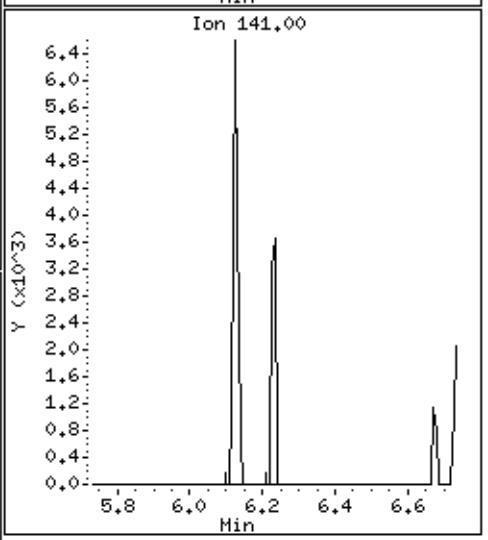
54 1-Methylnaphthalene

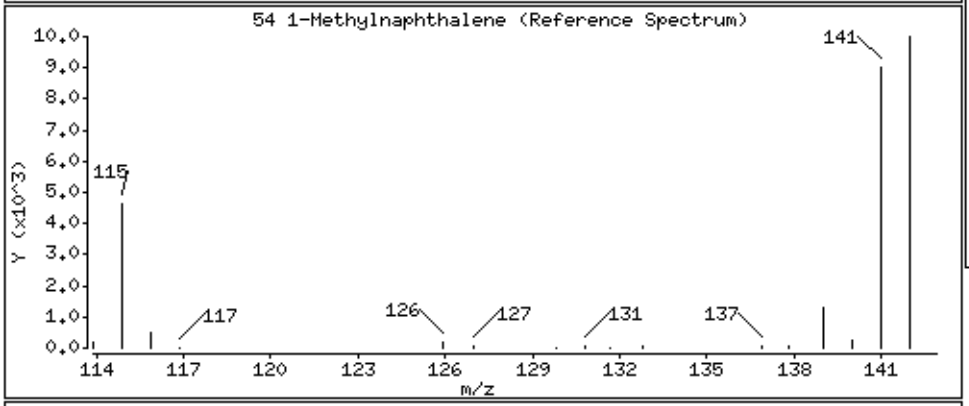
Concentration: 44.3 ug/kg

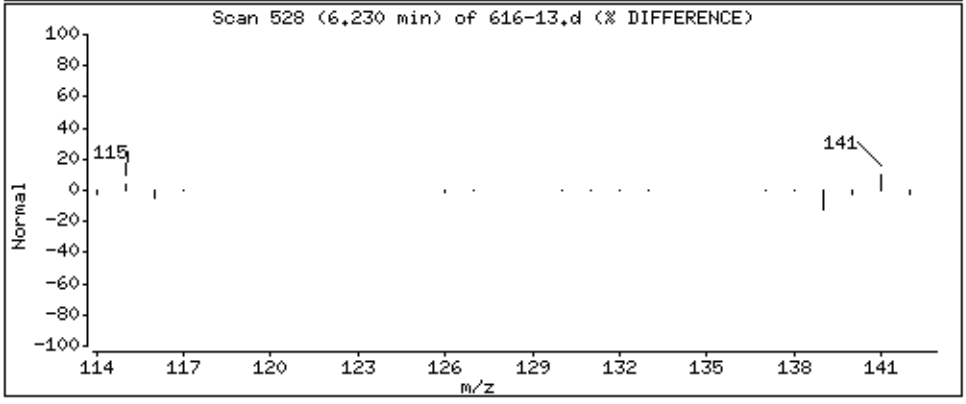












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

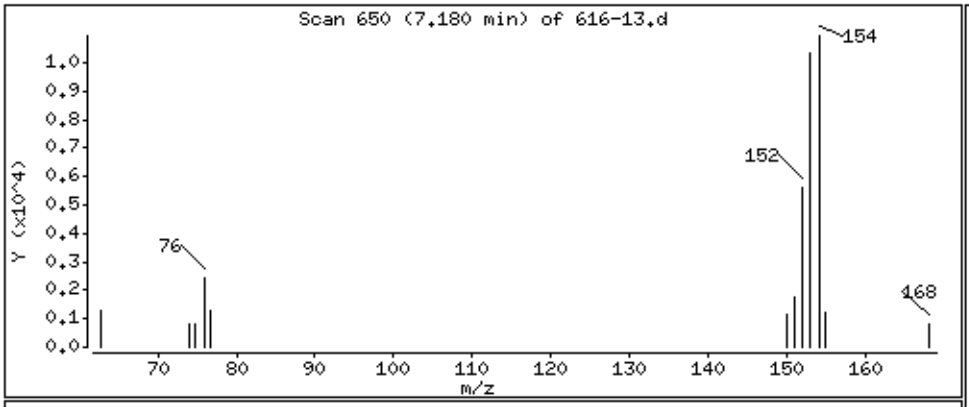
Operator: MJ

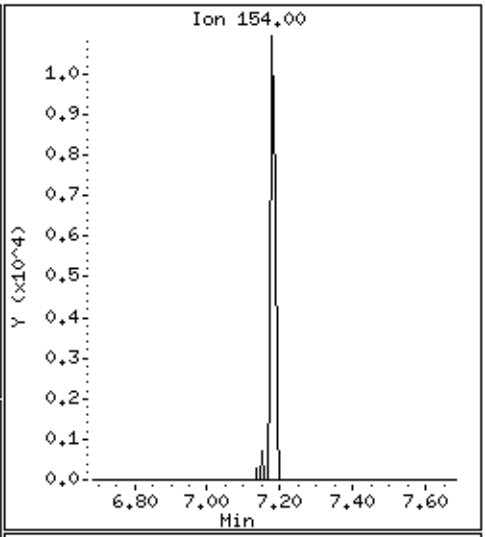
Column phase: HPMS-5

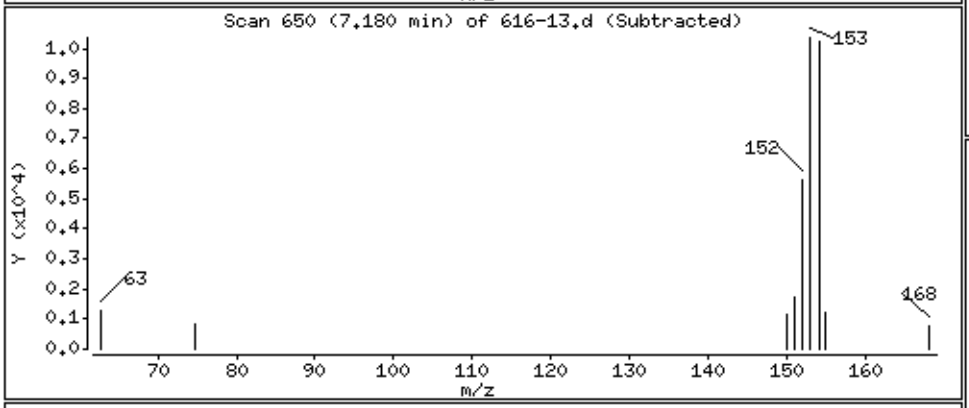
Column diameter: 0.25

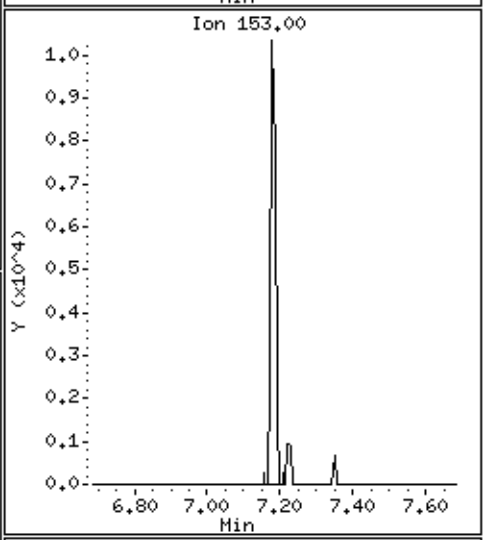
71 Acenaphthene

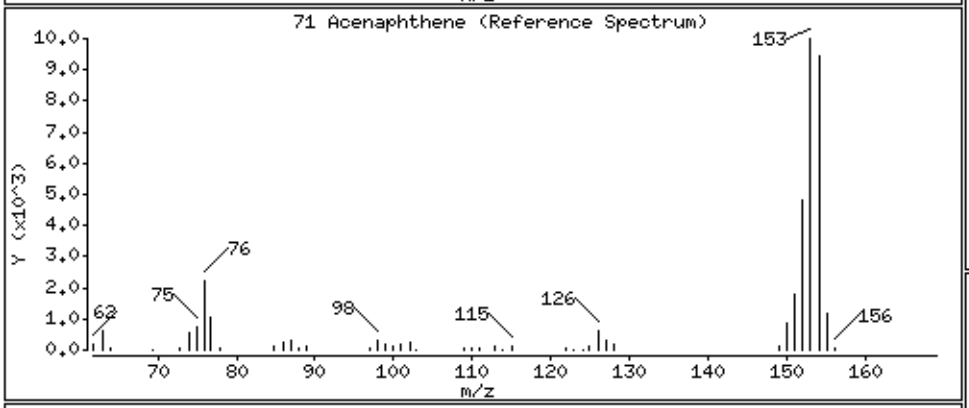
Concentration: 118 ug/kg

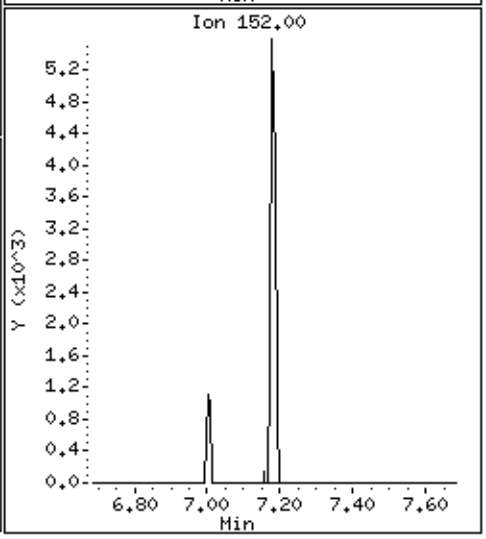


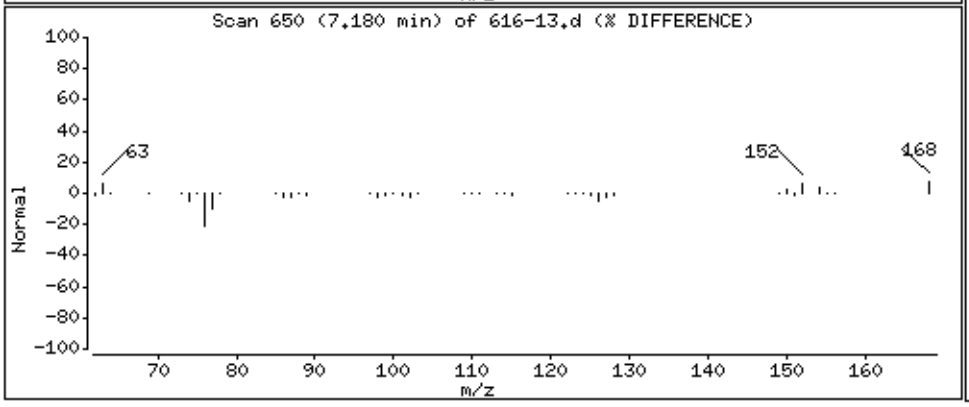












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

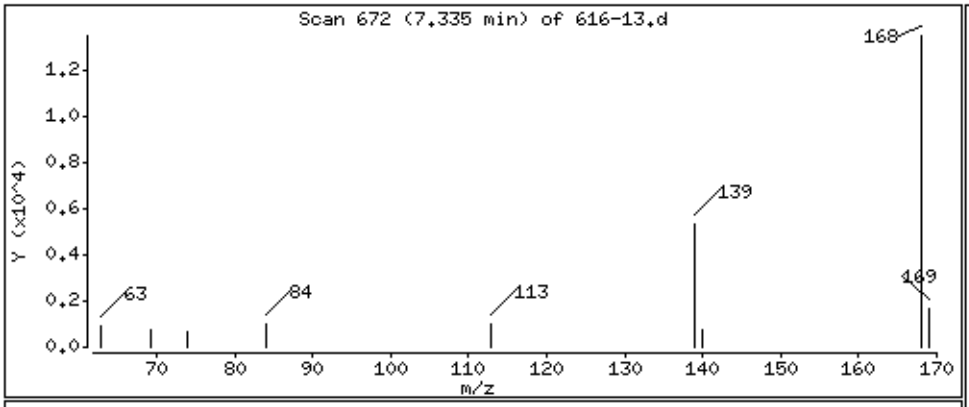
Operator: MJ

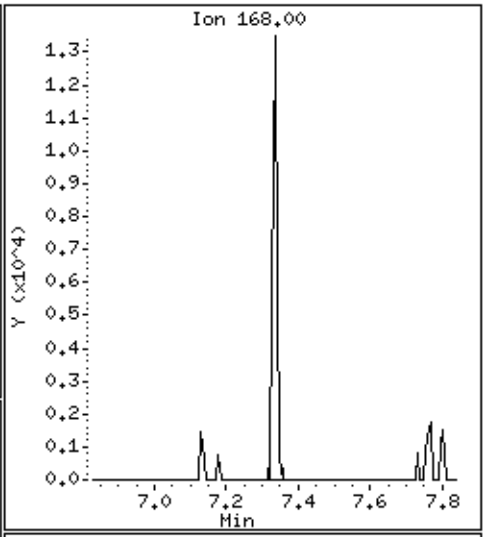
Column phase: HPMS-5

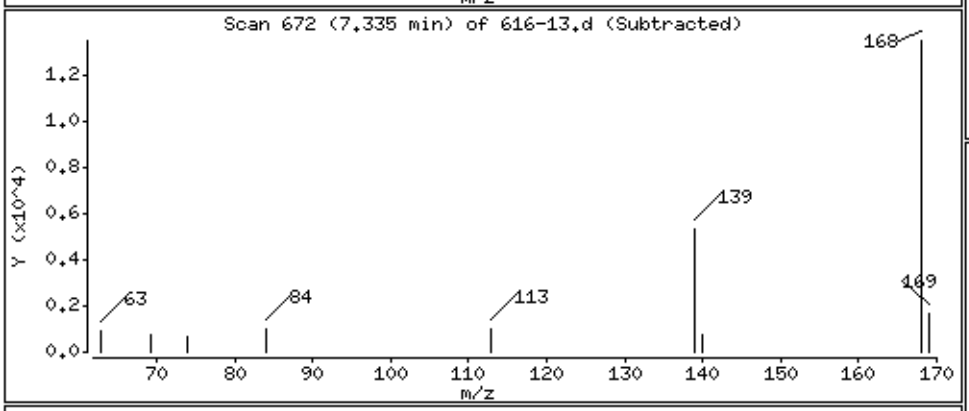
Column diameter: 0.25

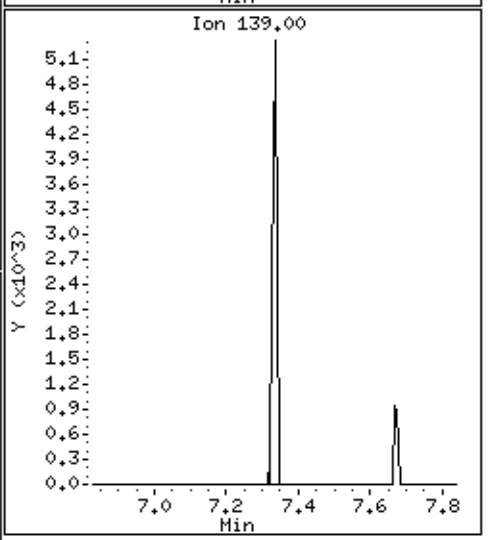
75 Dibenzofuran

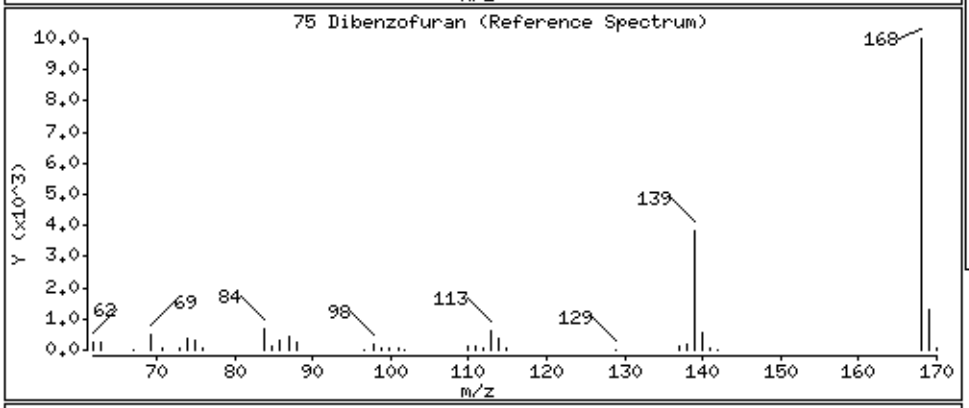
Concentration: 88.8 ug/kg

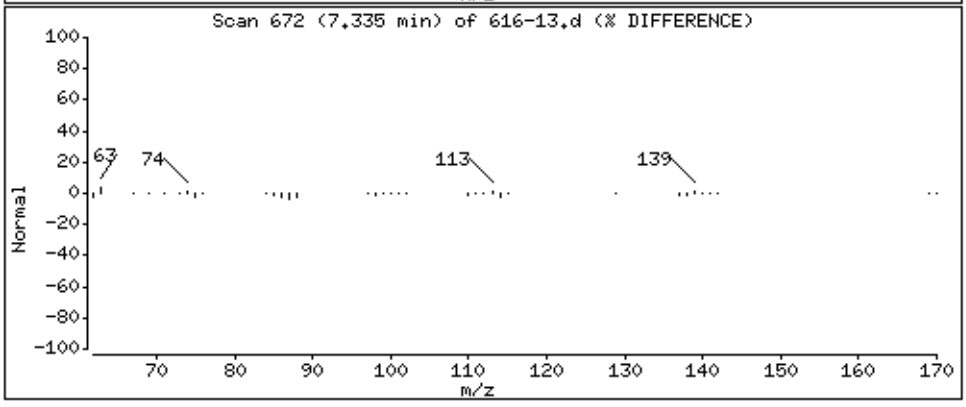












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

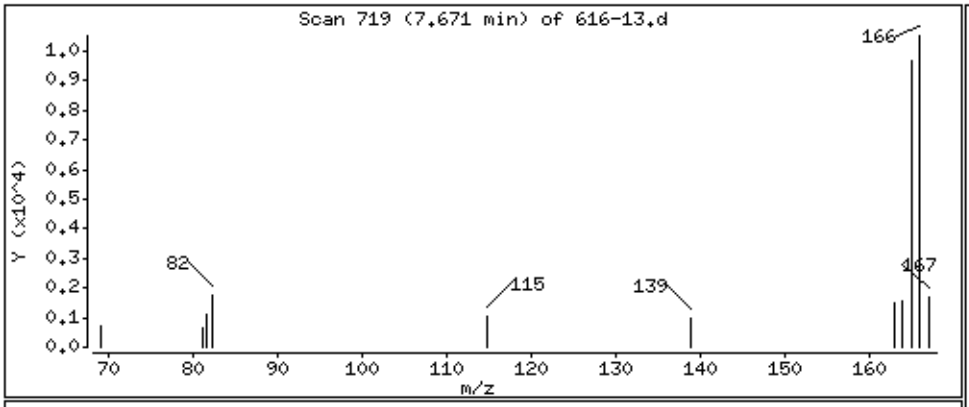
Operator: MJ

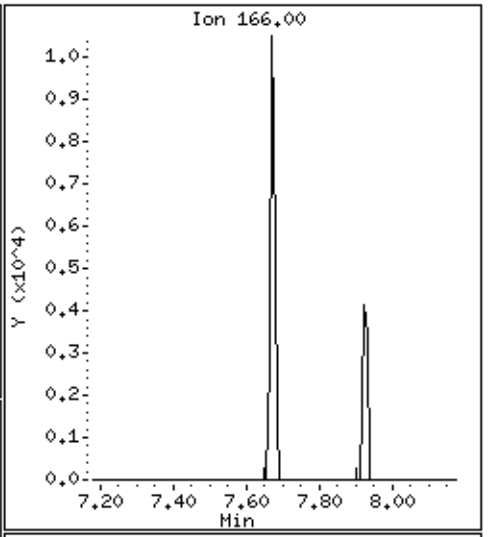
Column phase: HPMS-5

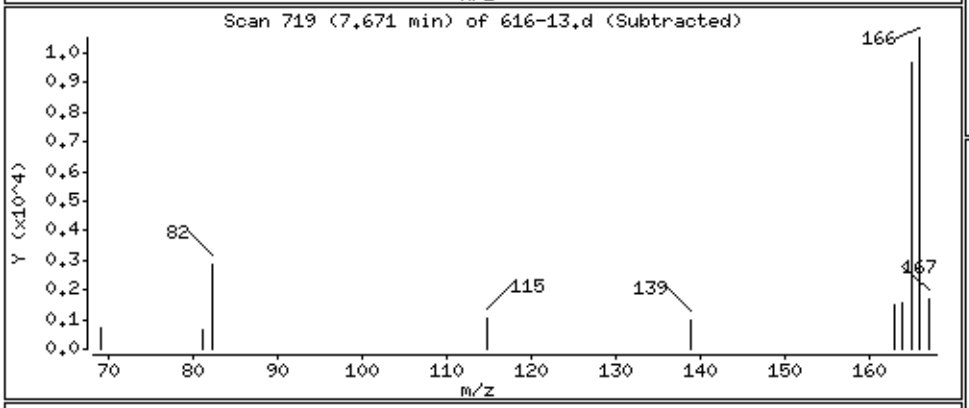
Column diameter: 0.25

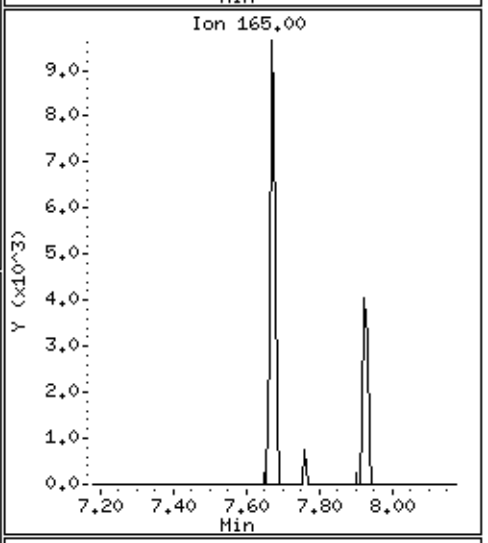
81 Fluorene

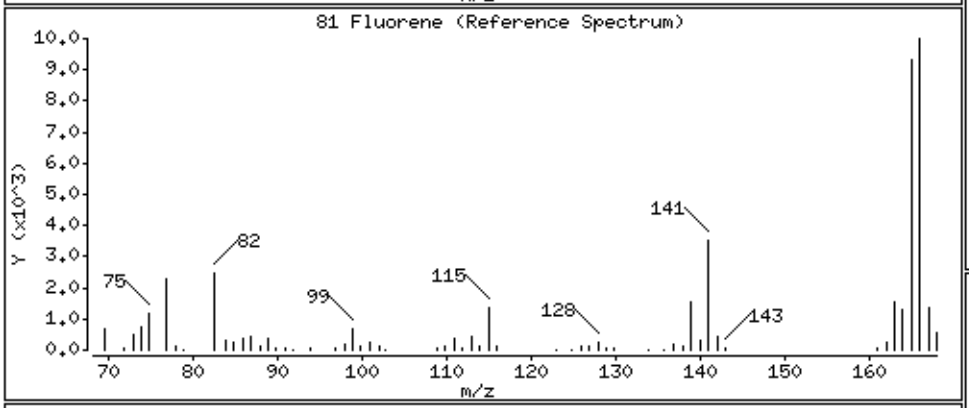
Concentration: 91.5 ug/kg

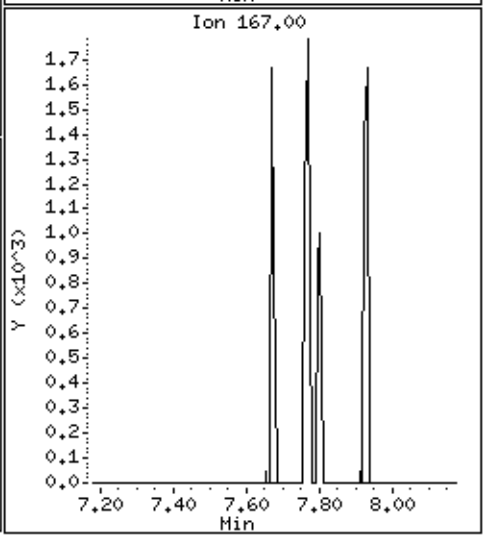


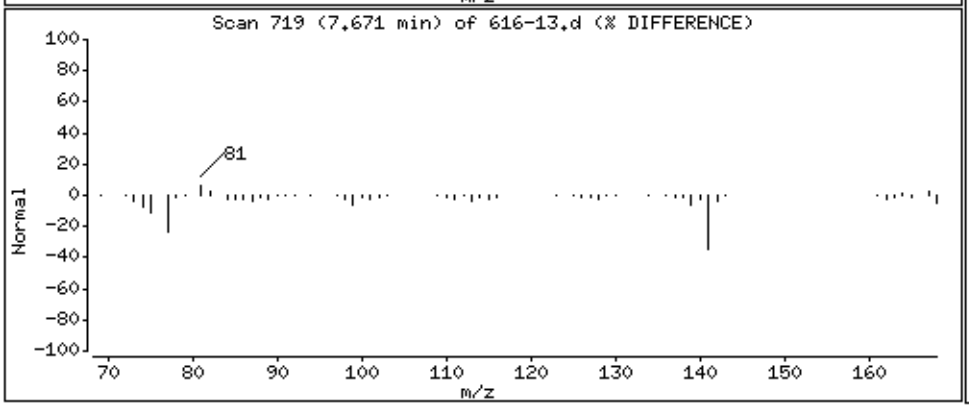












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

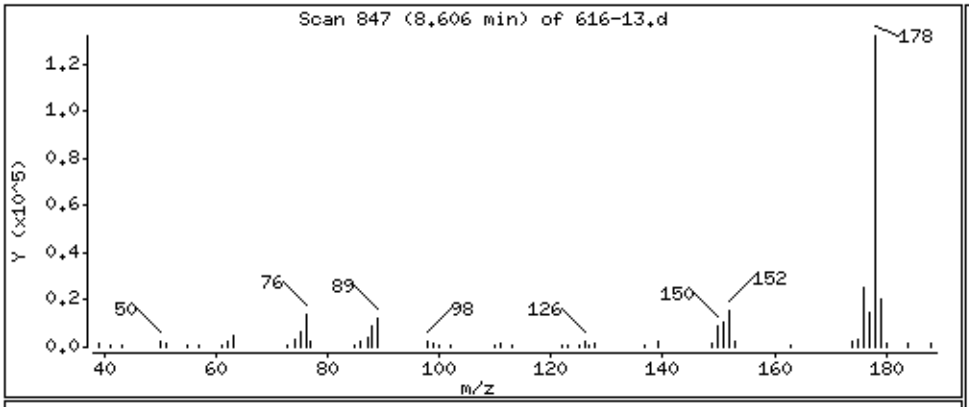
Operator: MJ

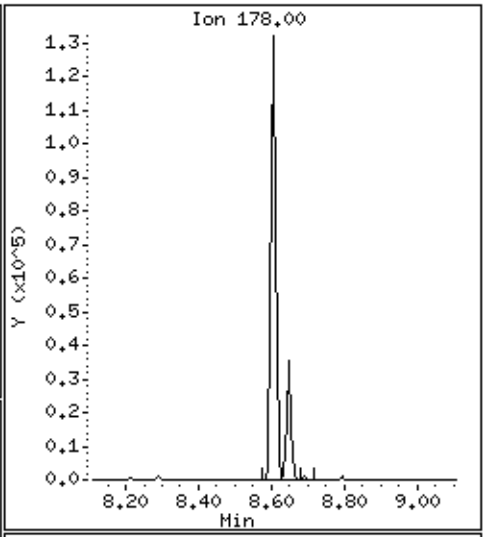
Column phase: HPMS-5

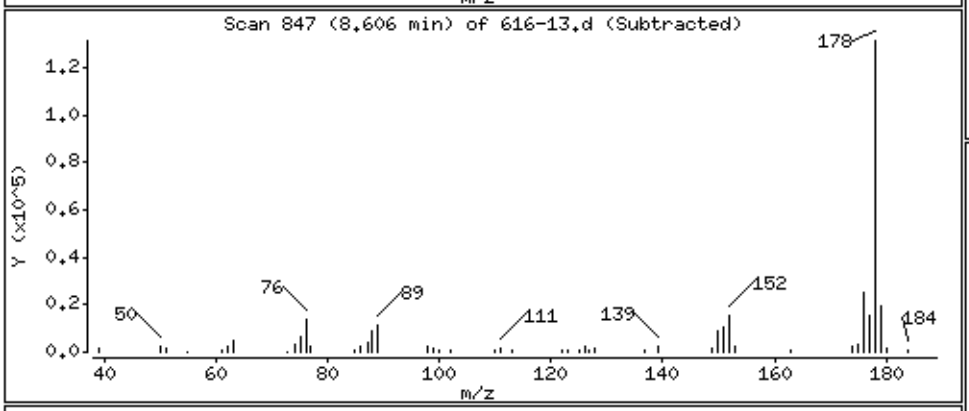
Column diameter: 0.25

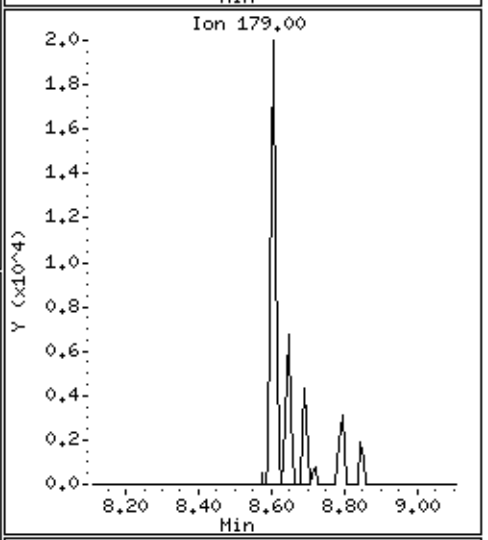
101 Phenanthrene

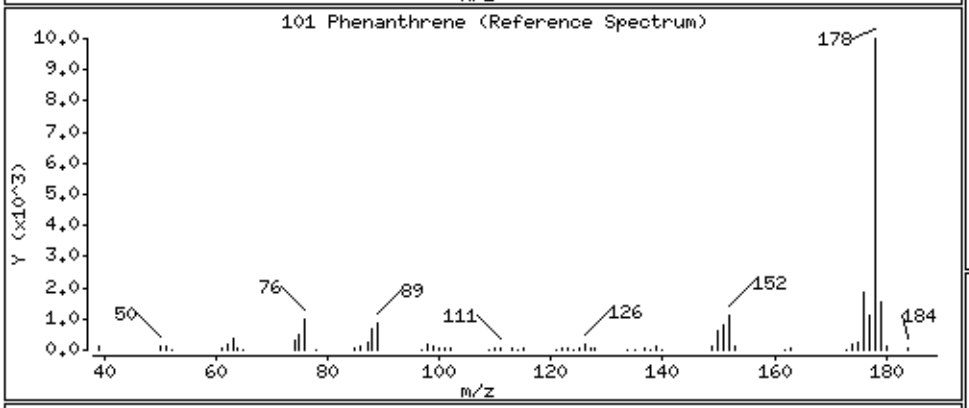
Concentration: 766 ug/kg

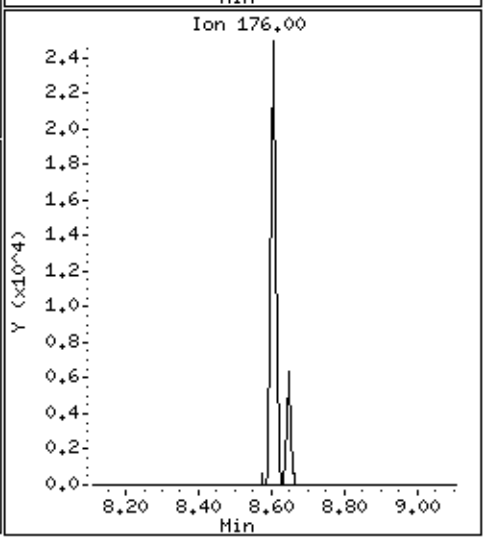


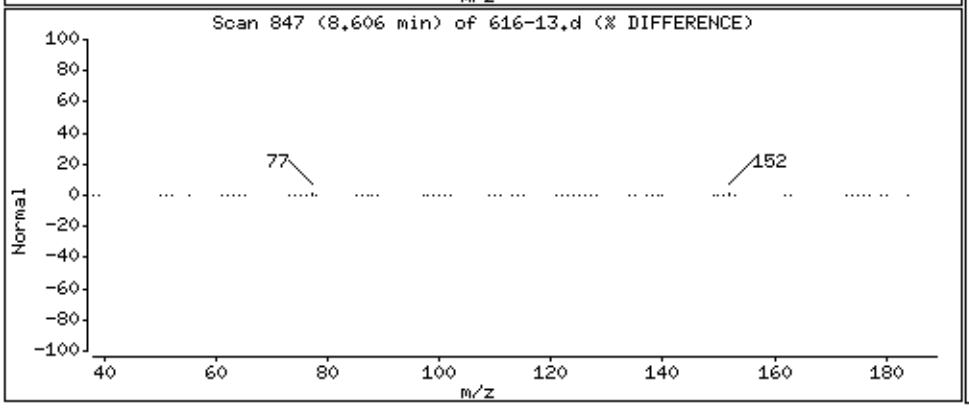












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

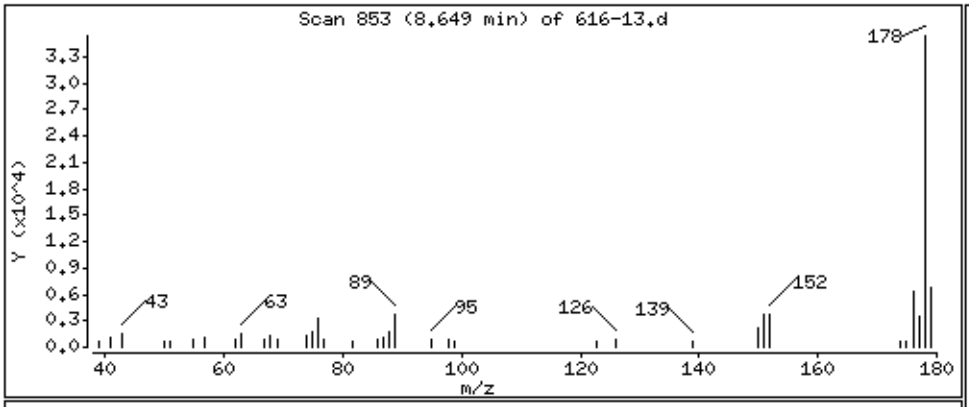
Operator: MJ

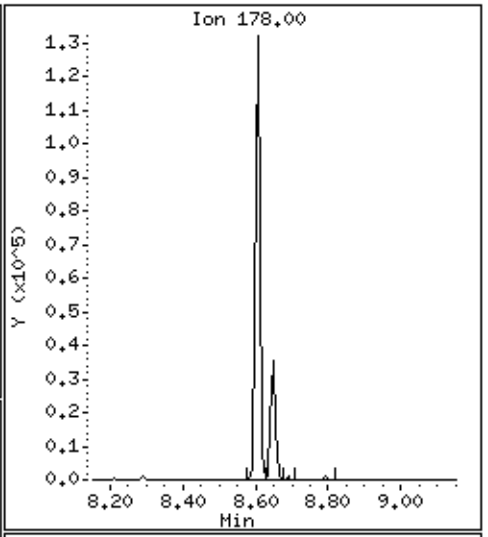
Column phase: HPMS-5

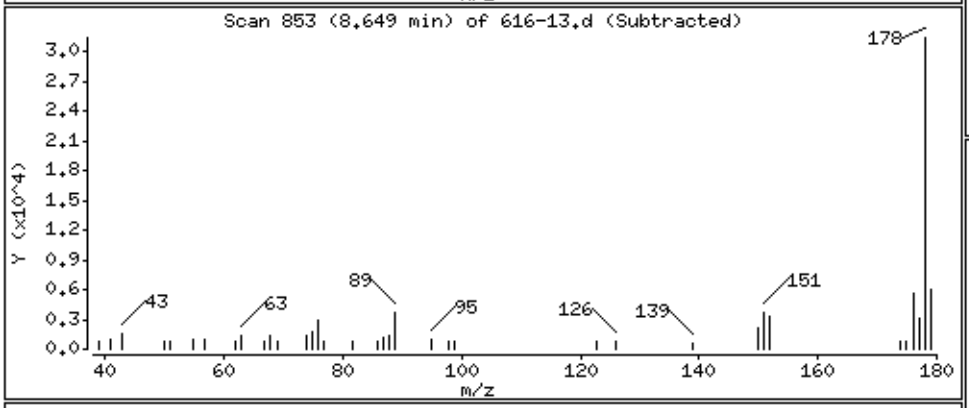
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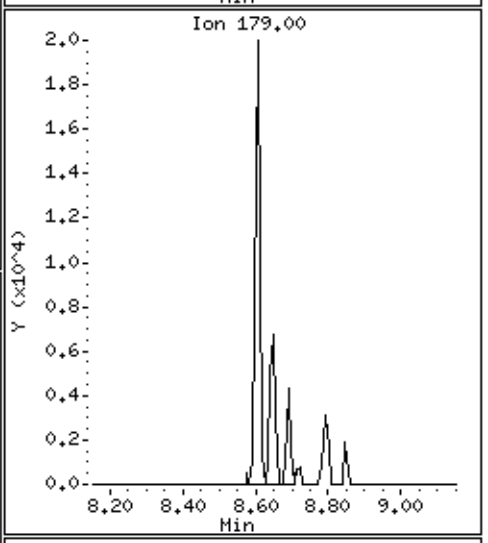
103 Anthracene

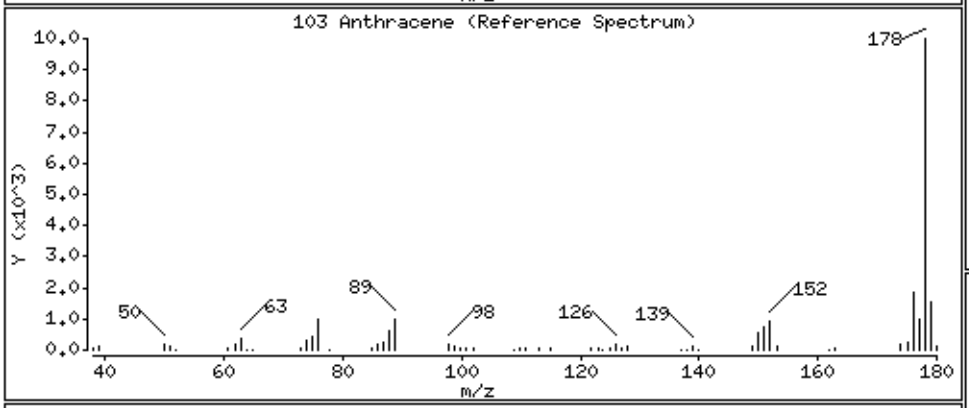
Concentration: 231 ug/kg

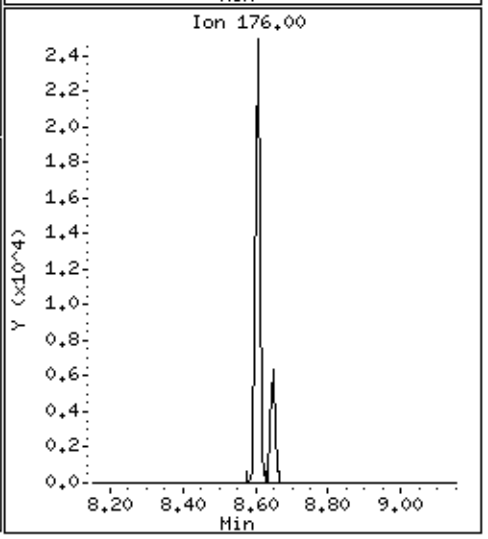


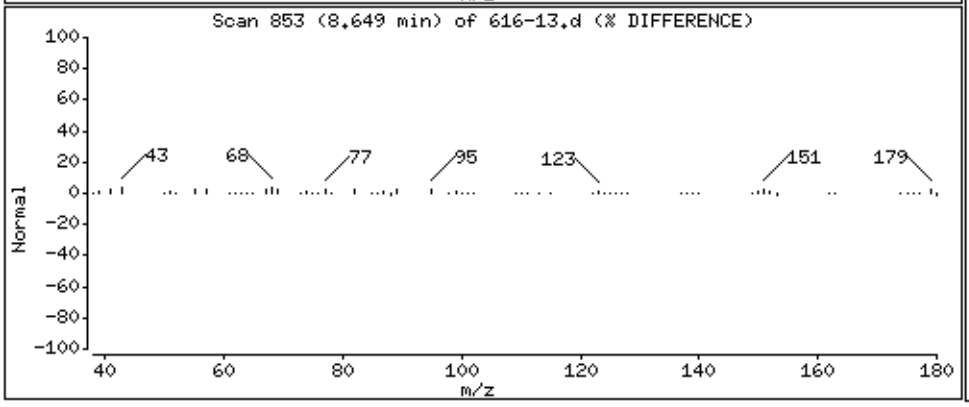












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

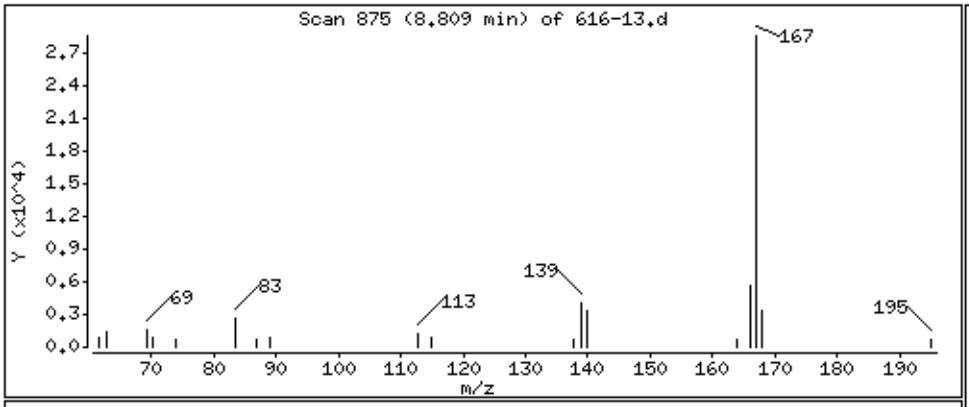
Operator: MJ

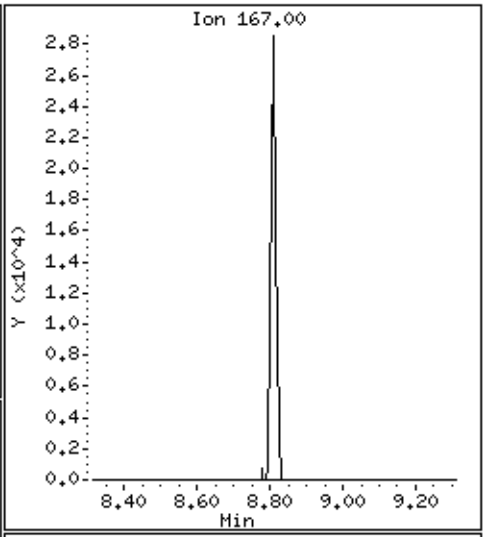
Column phase: HPMS-5

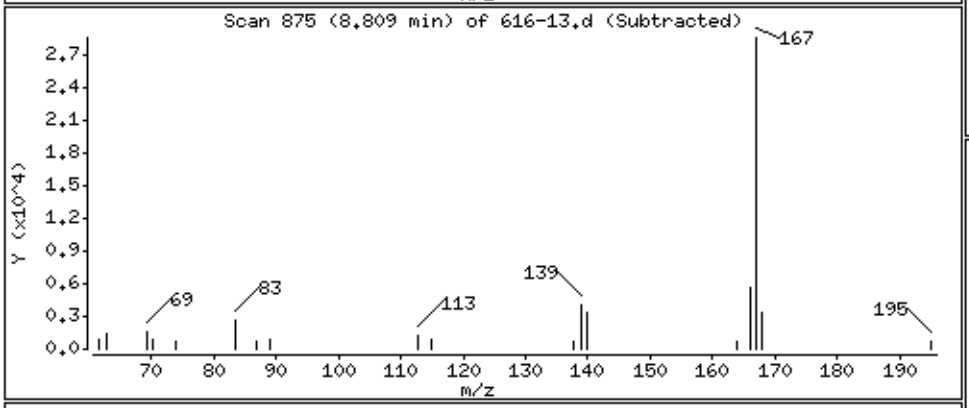
Column diameter: 0.25

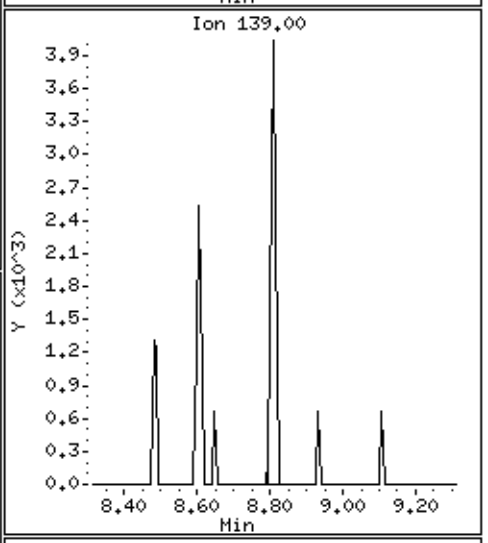
104 Carbazole

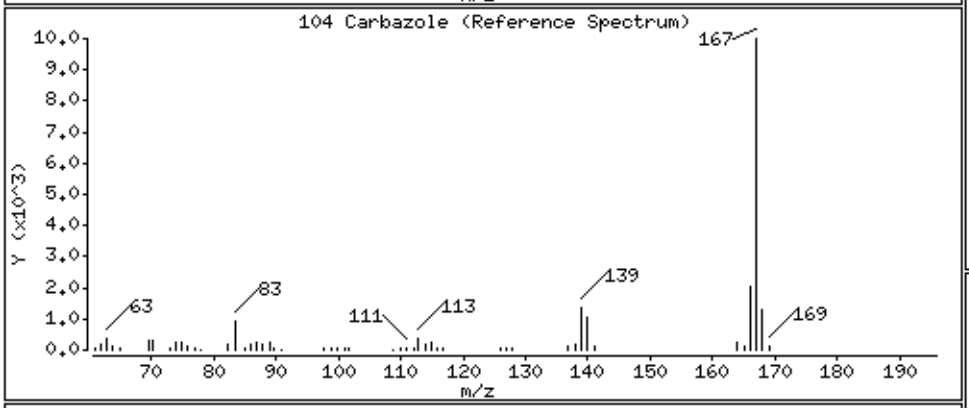
Concentration: 191 ug/kg

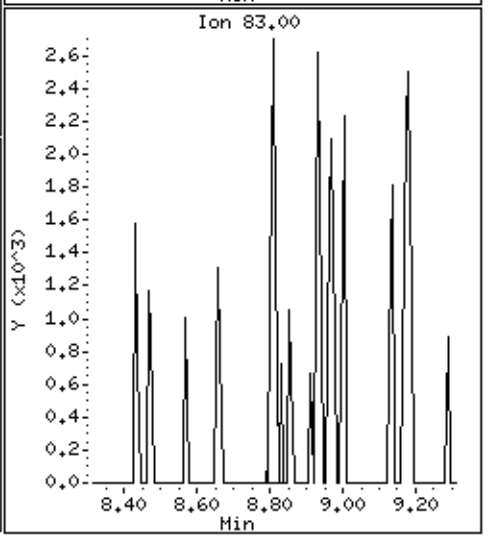


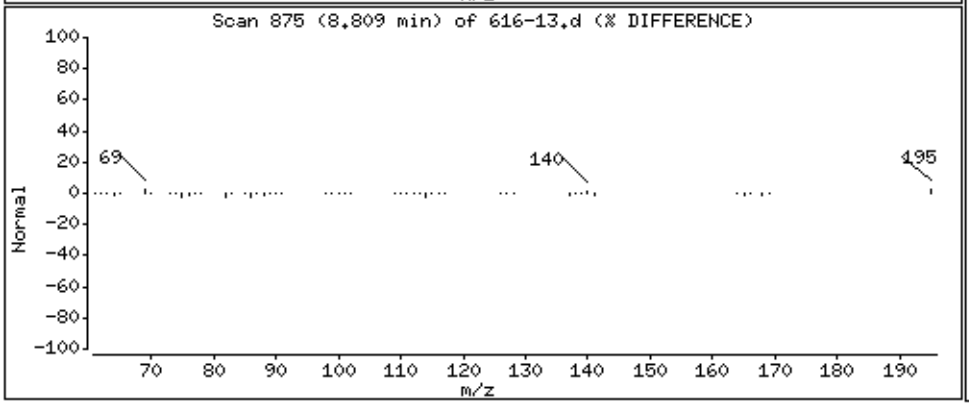












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

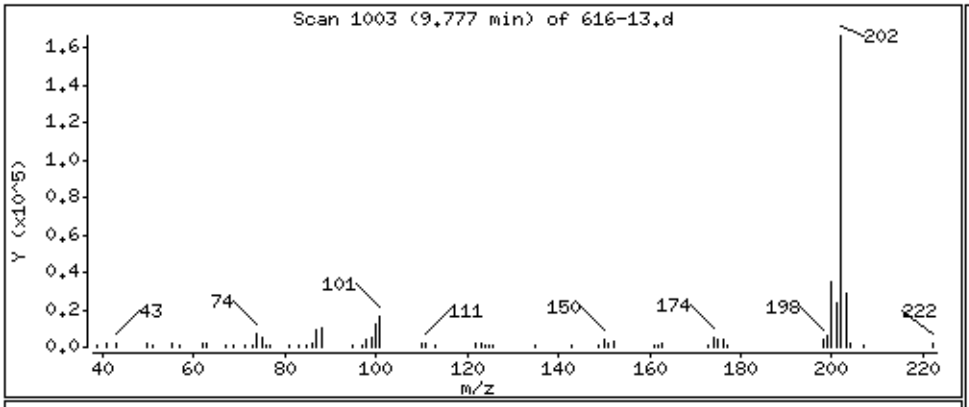
Operator: MJ

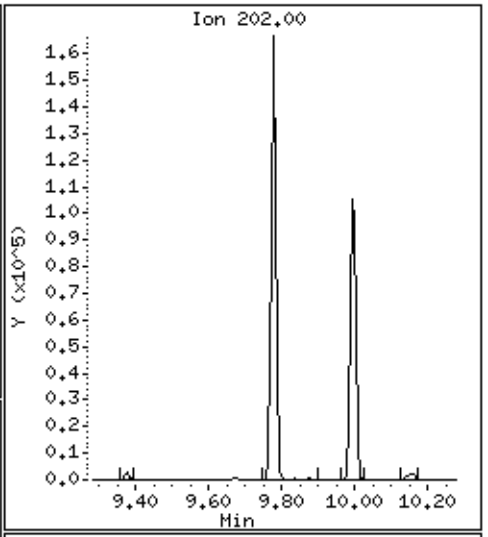
Column phase: HPMS-5

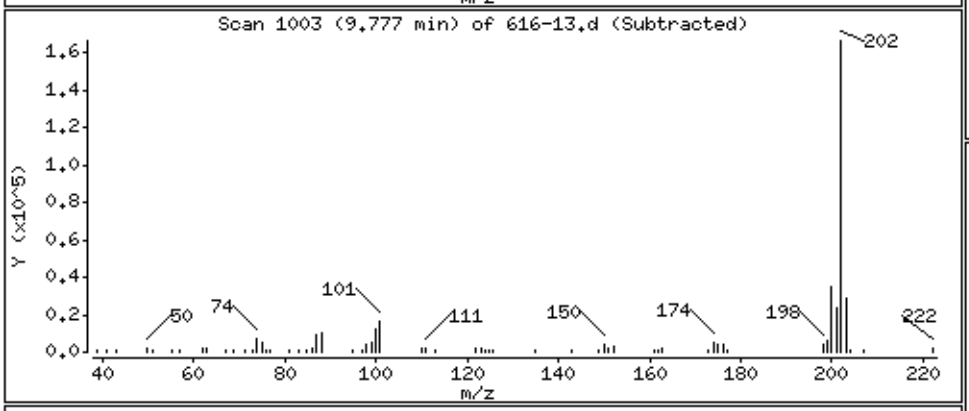
Column diameter: 0.25

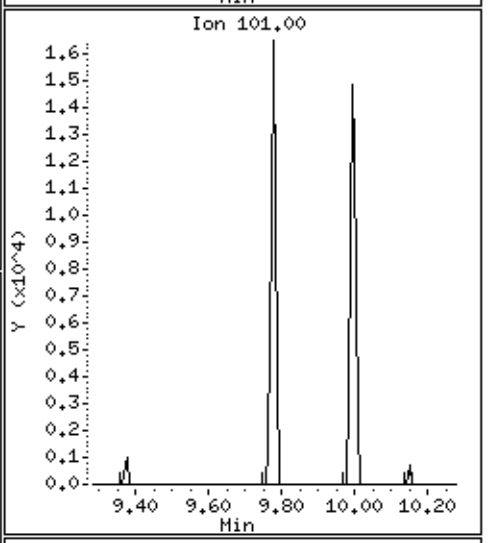
109 Fluoranthene

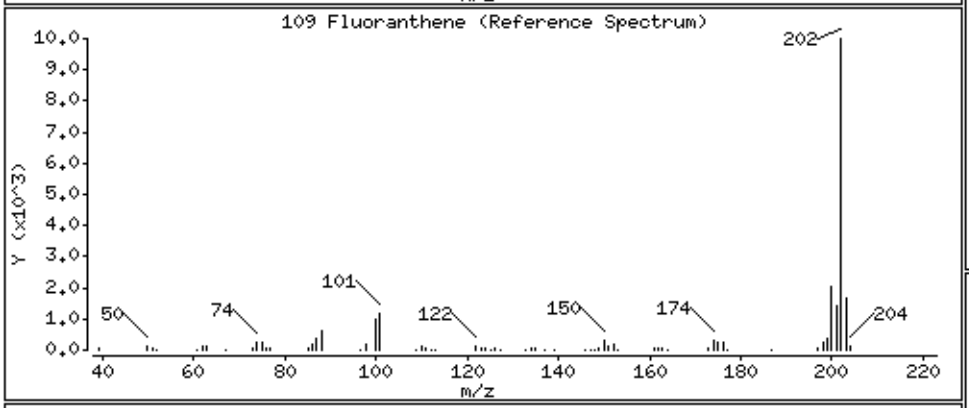
Concentration: 889 ug/kg

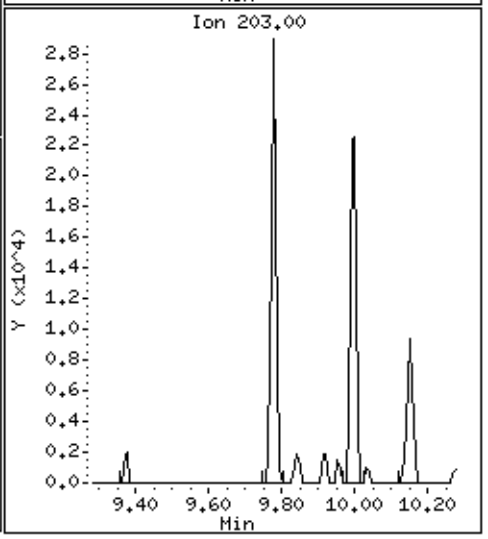


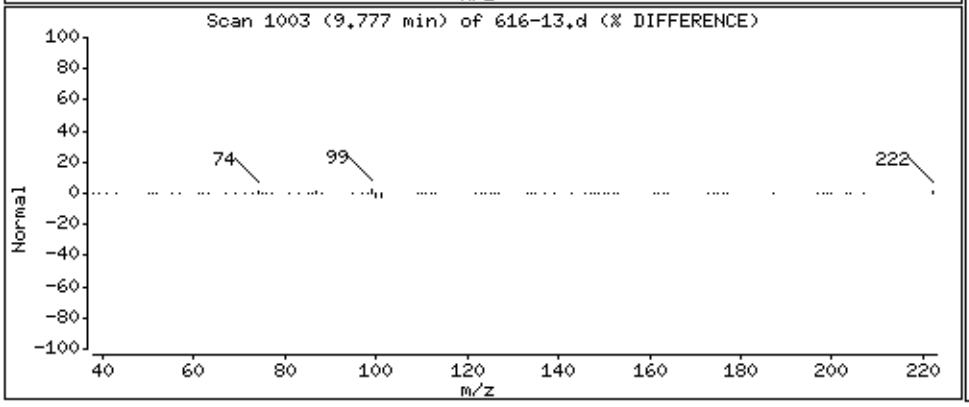












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

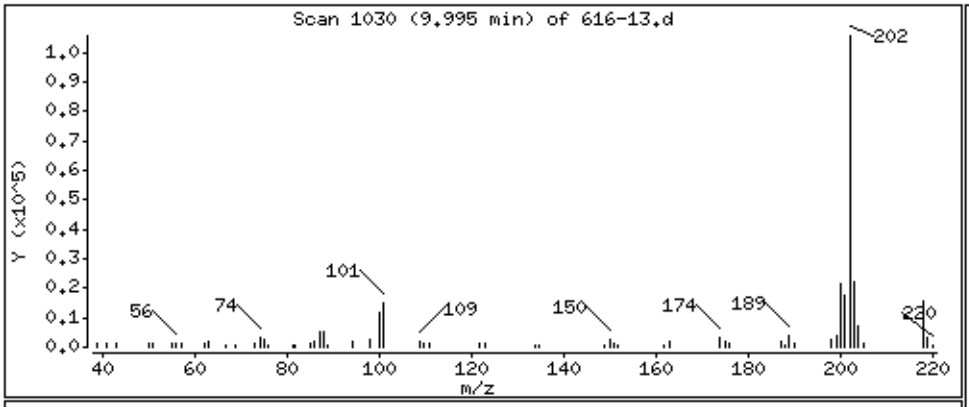
Operator: MJ

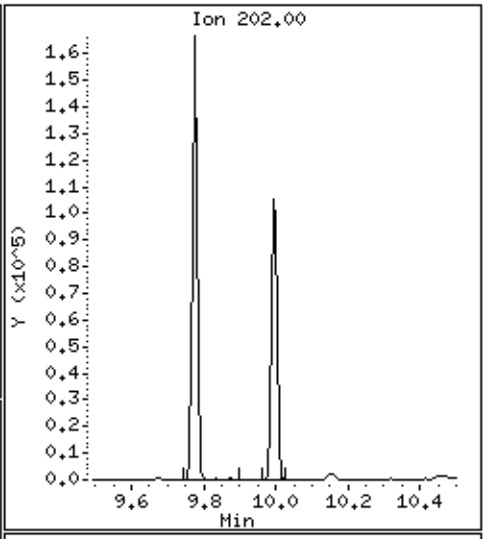
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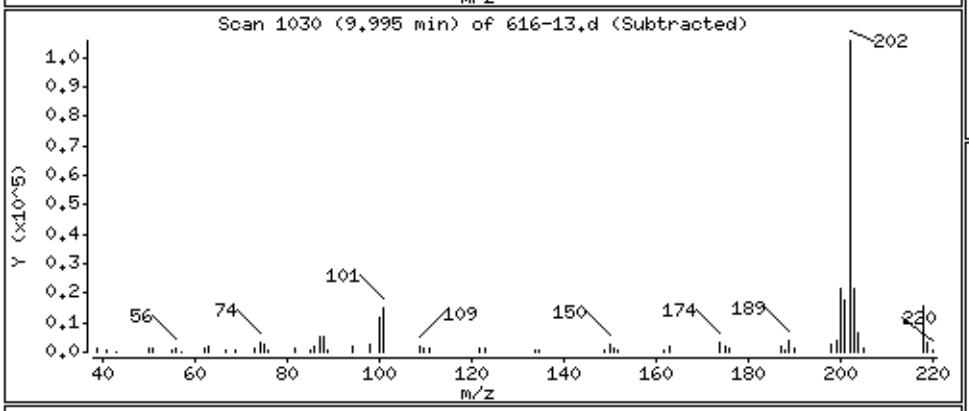
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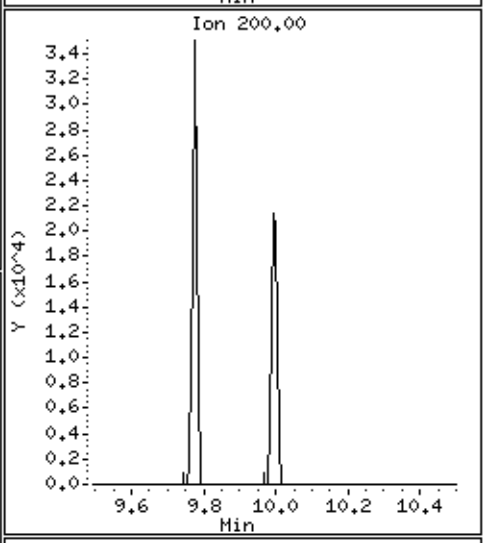
111 Pyrene

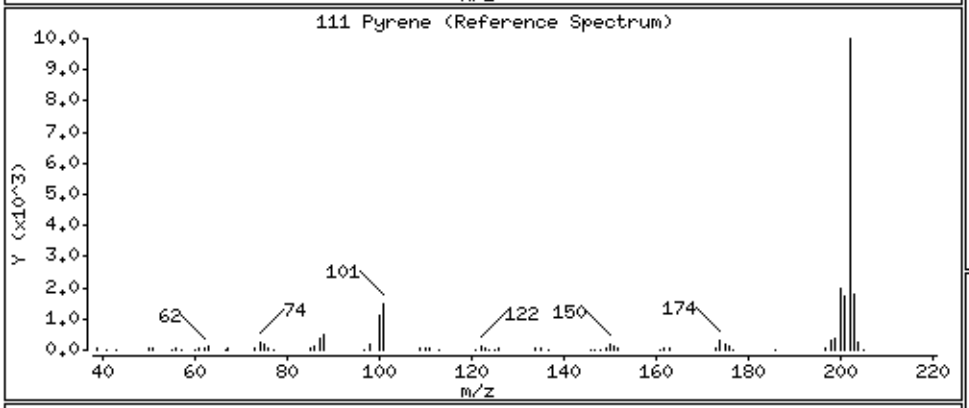
Concentration: 716 ug/kg

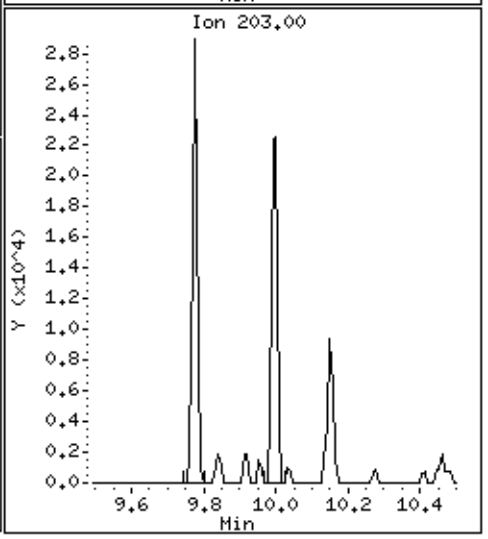


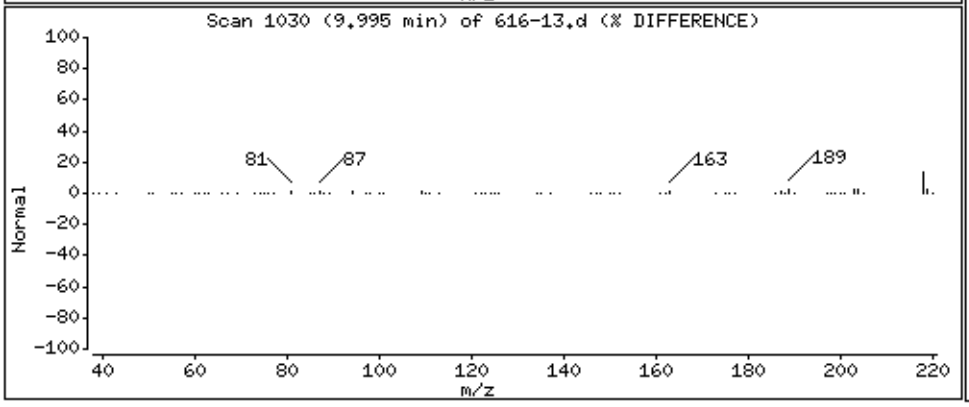












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

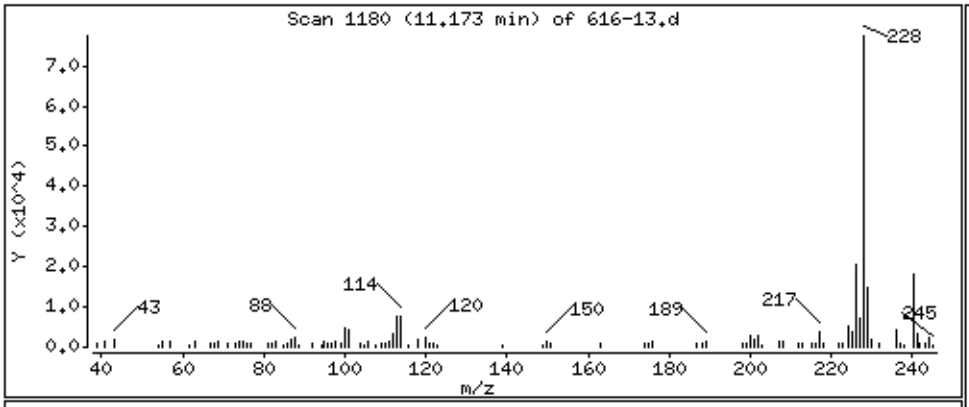
Operator: MJ

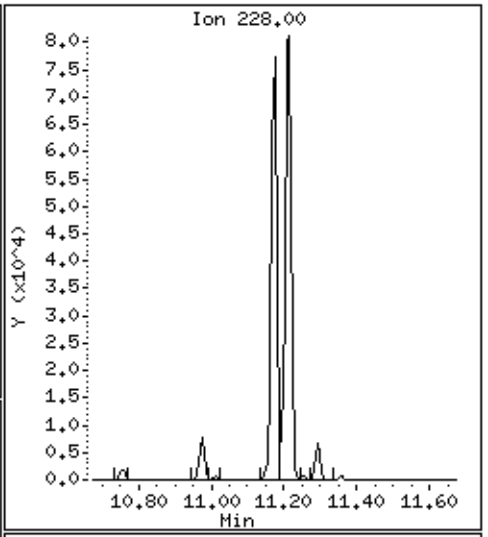
Column phase: HPMS-5

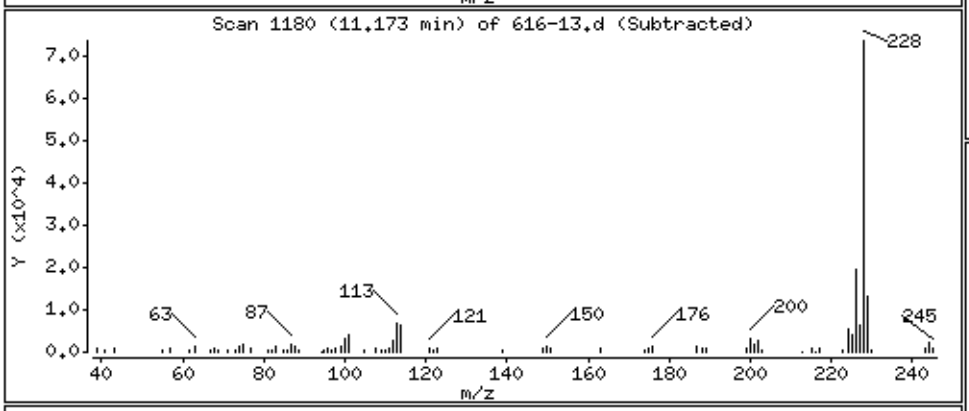
Column diameter: 0.25

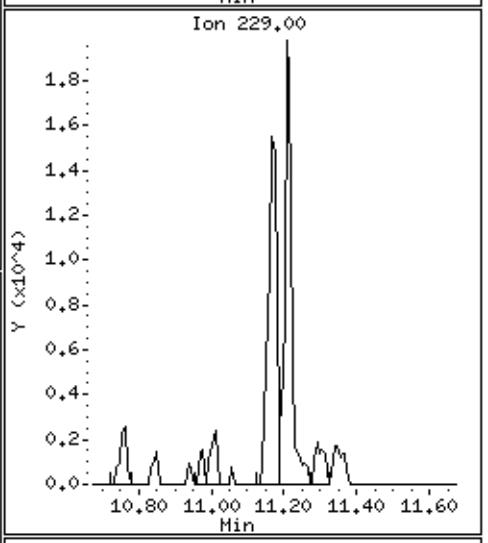
120 Benzo[a]anthracene

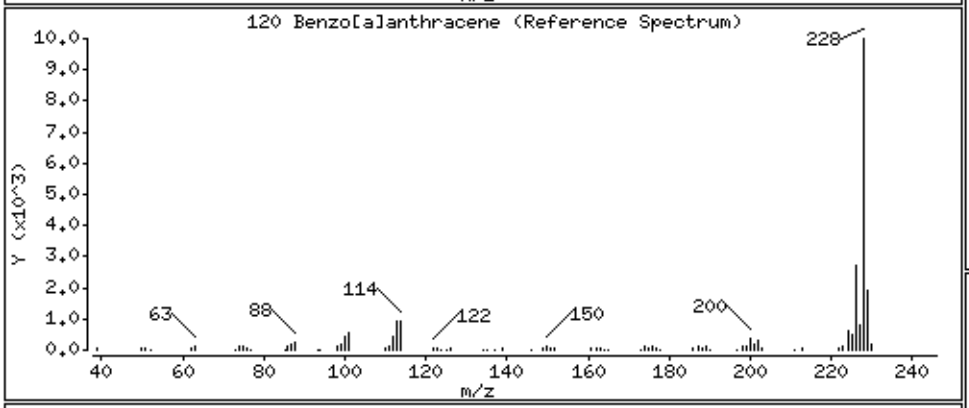
Concentration: 523 ug/kg

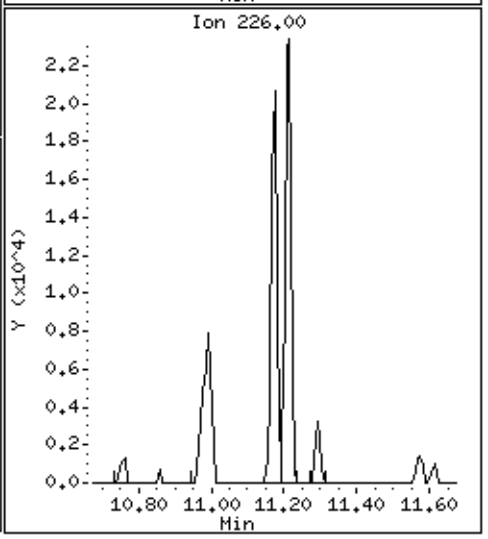


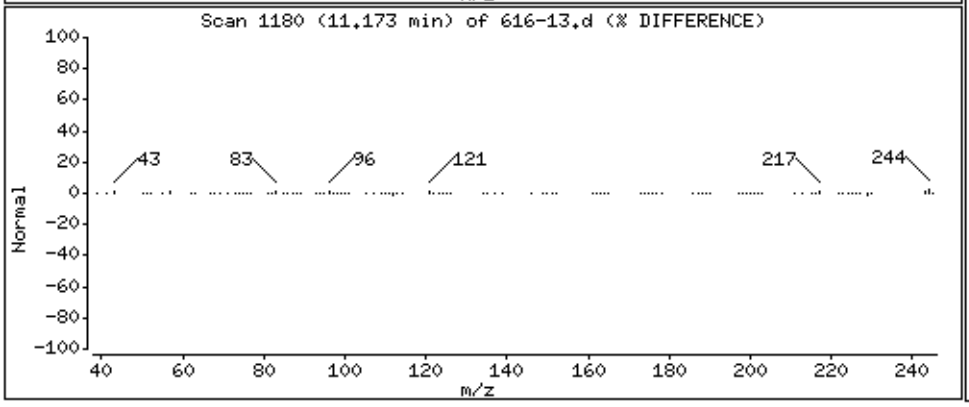












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

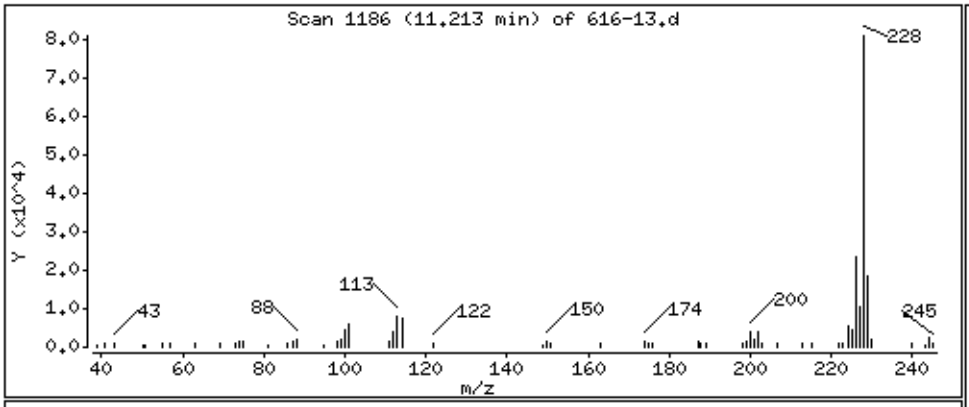
Operator: MJ

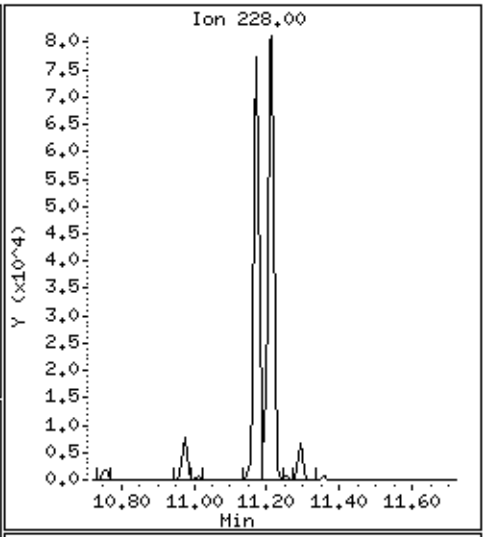
Column phase: HPMS-5

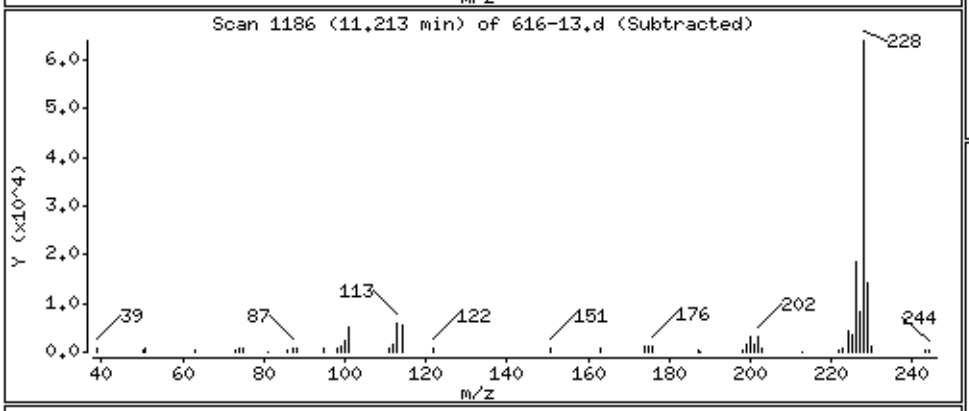
Column diameter: 0.25

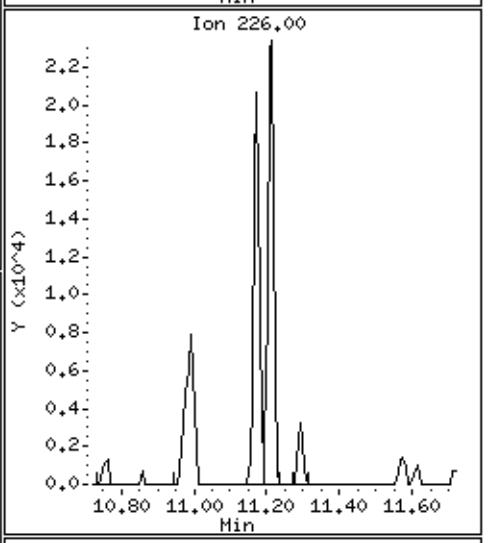
123 Chrysene

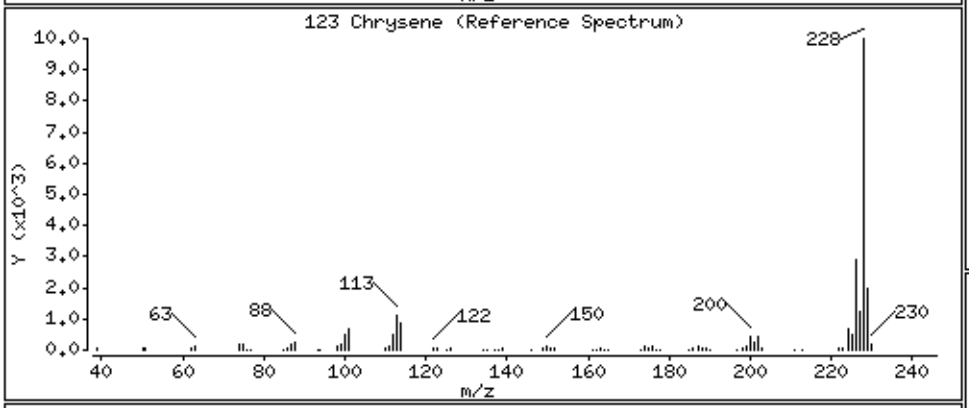
Concentration: 596 ug/kg

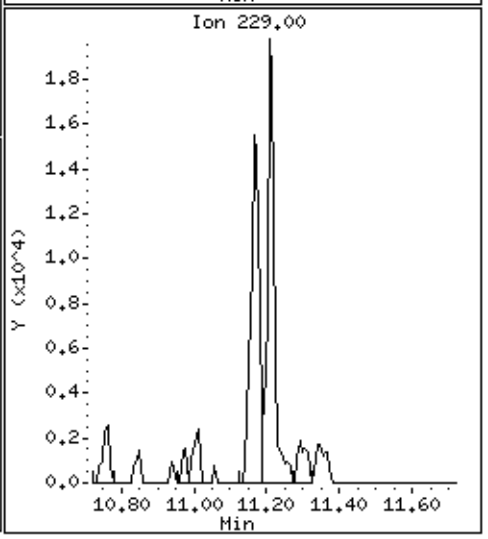


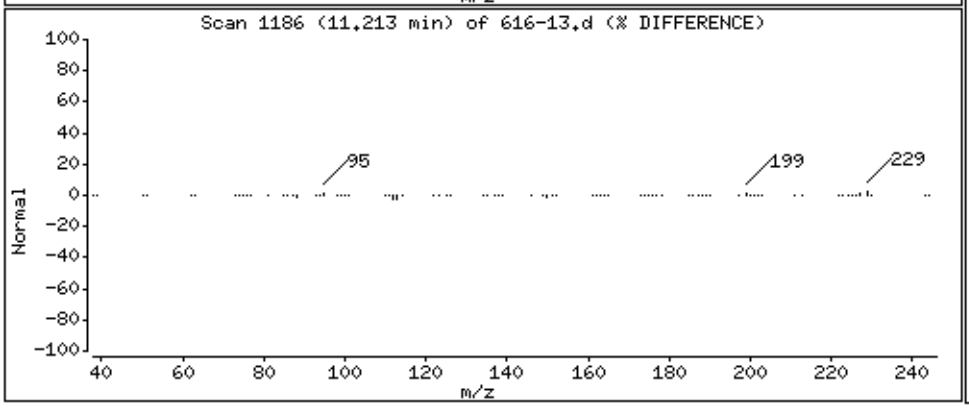












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

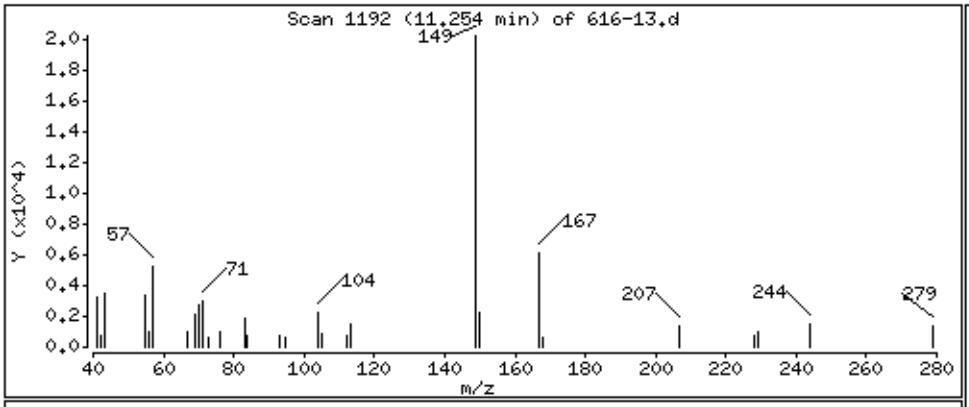
Operator: MJ

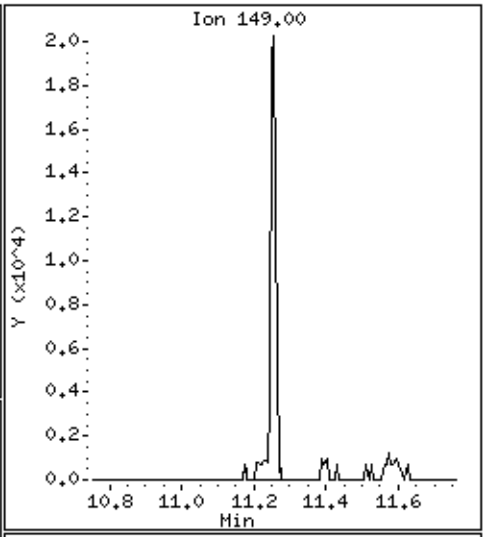
Column phase: HPMS-5

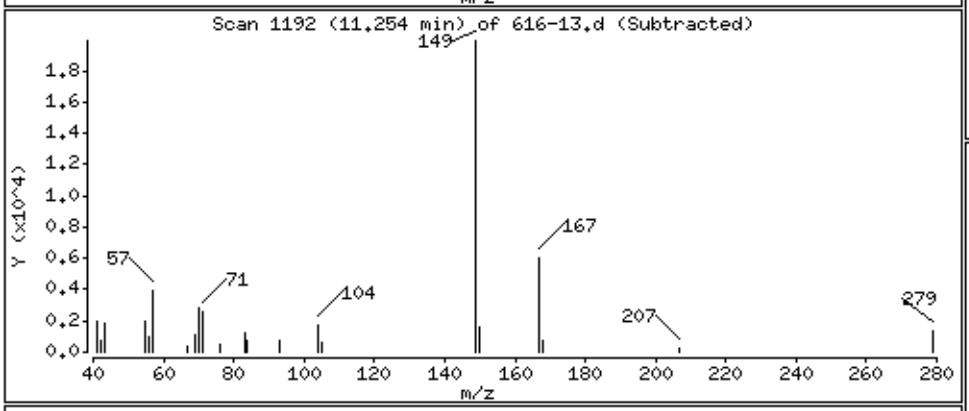
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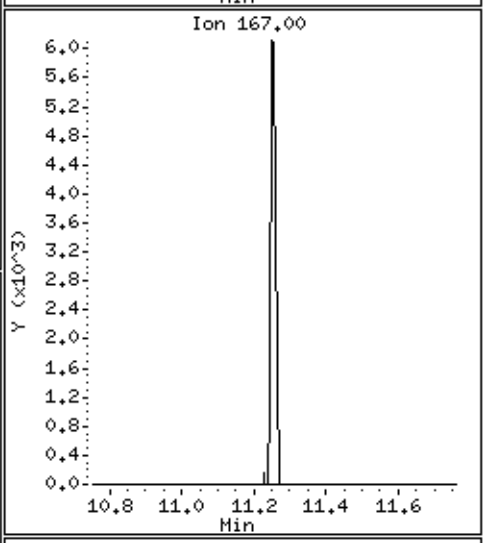
124 Bis-2-Ethylhexylphthalate

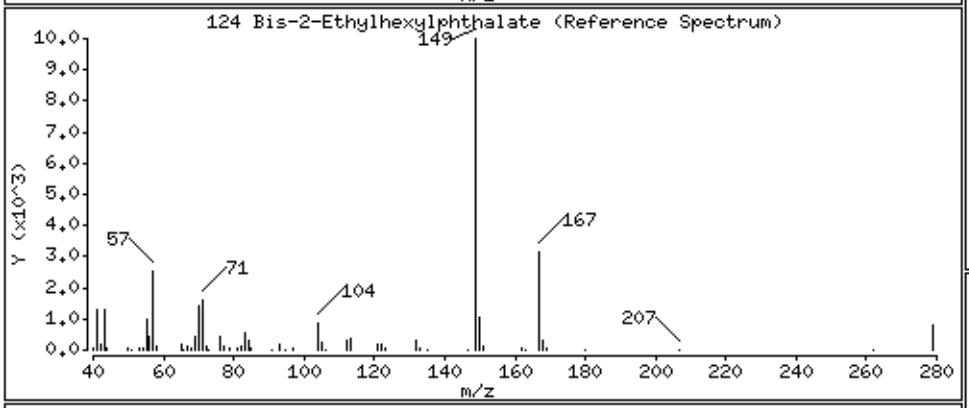
Concentration: 205 ug/kg

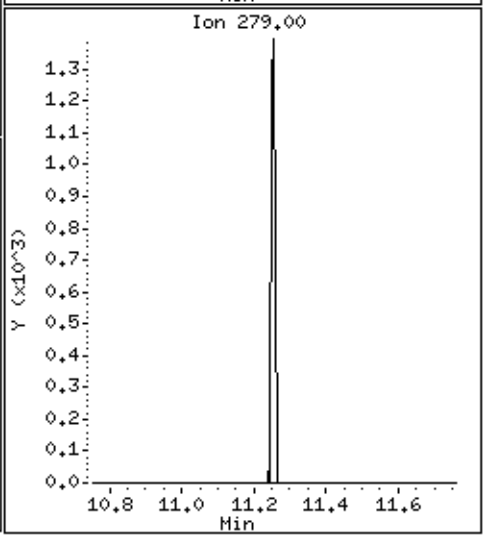


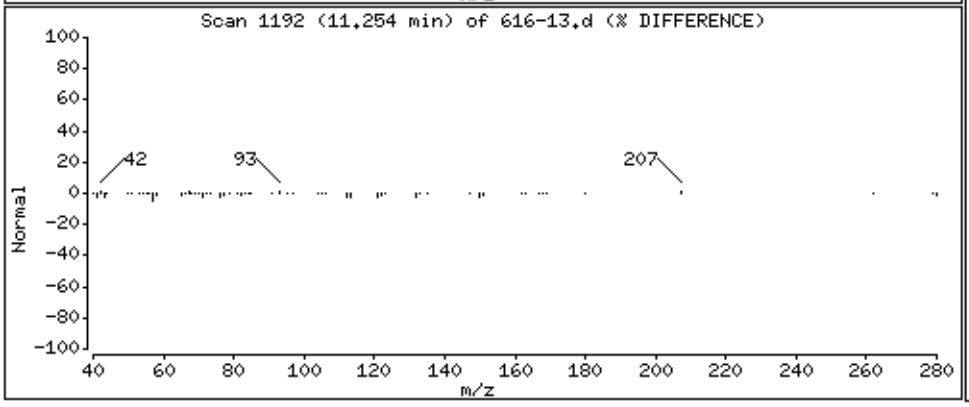












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

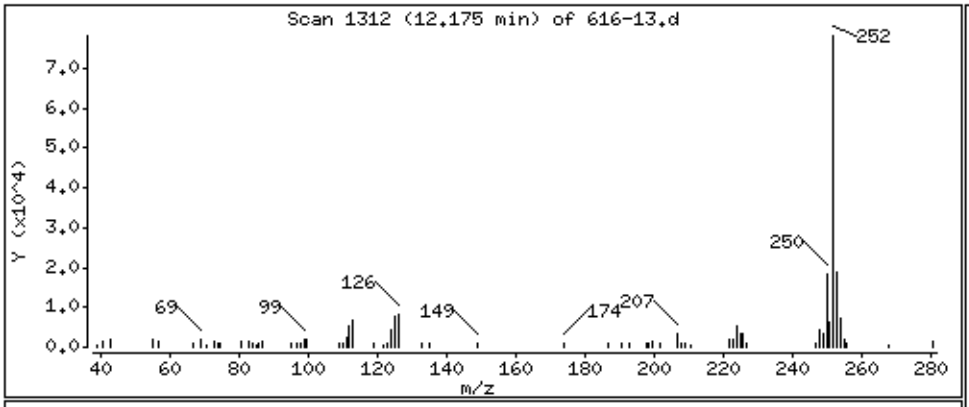
Operator: MJ

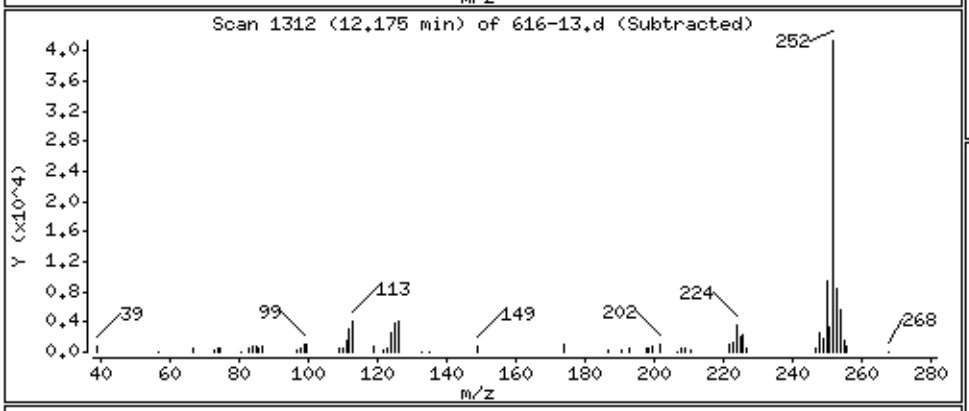
Column phase: HPMS-5

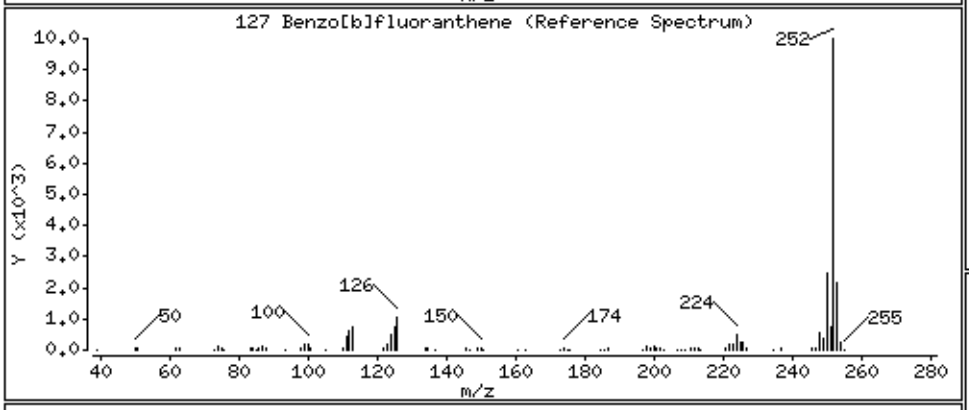
Column diameter: 0.25

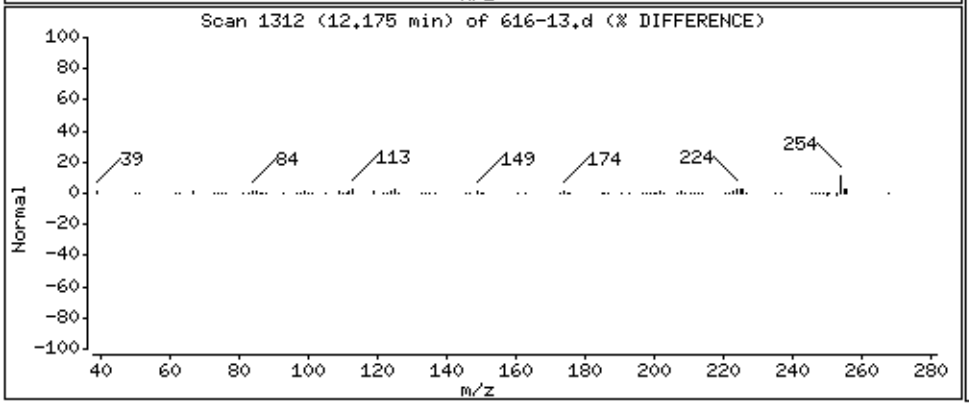
127 Benzo[b]fluoranthene

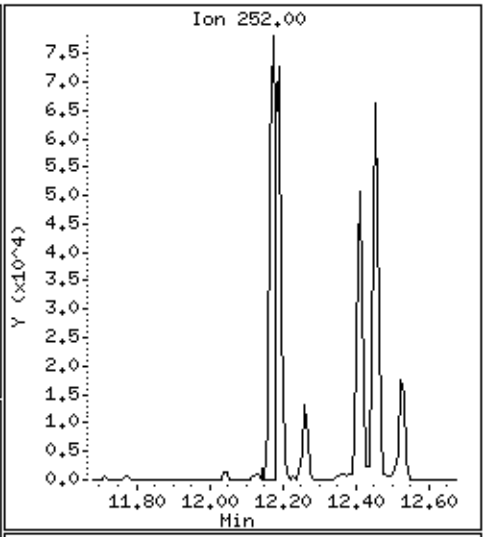
Concentration: 598 ug/kg

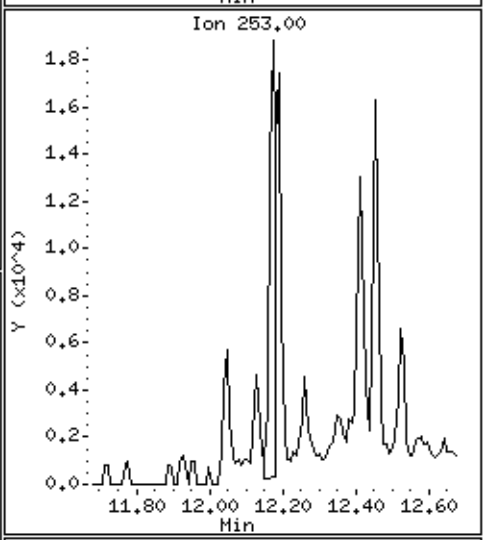


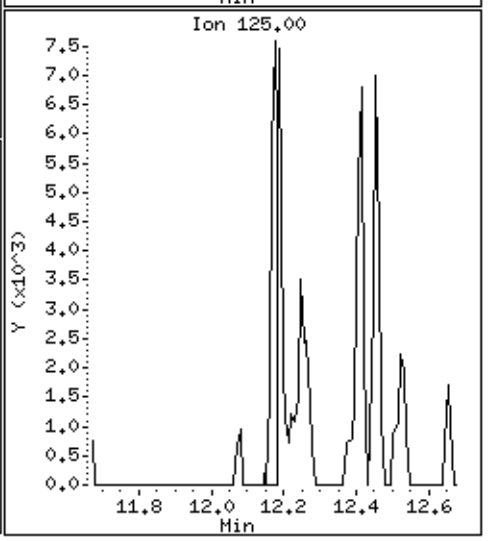












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

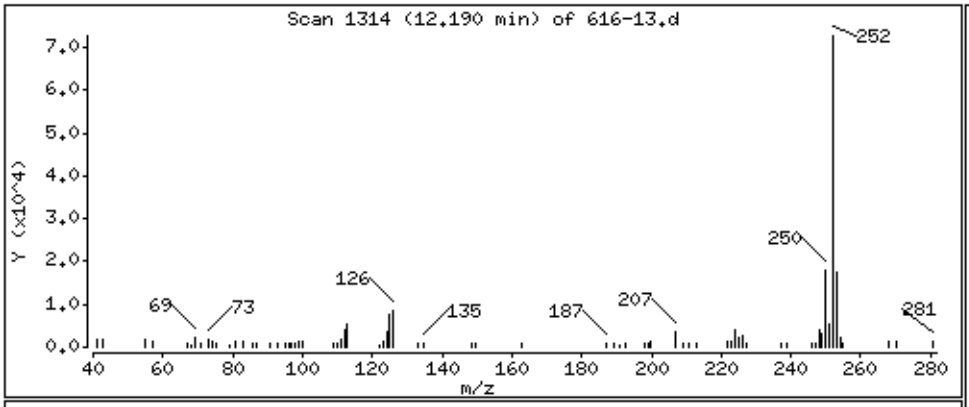
Operator: MJ

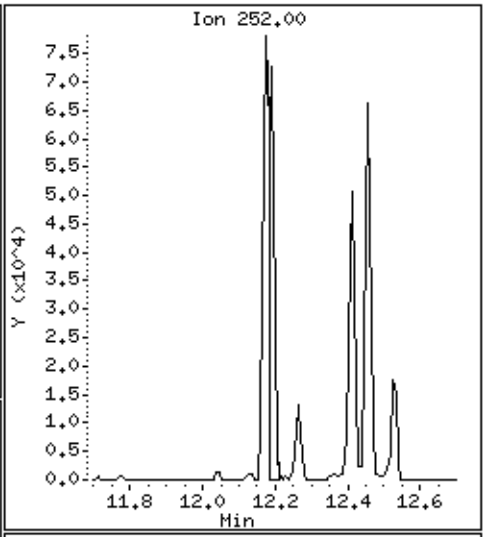
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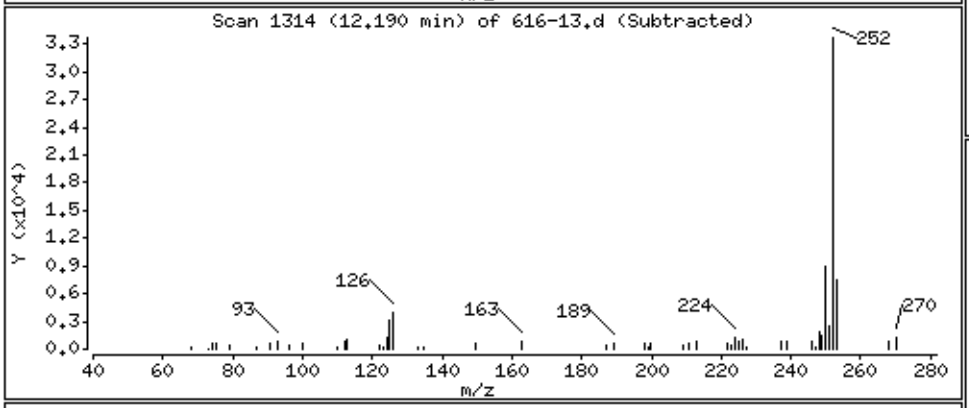
Column diameter: 0.25

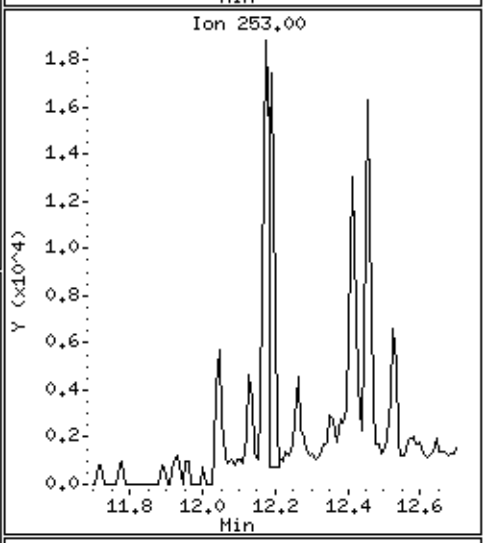
128 Benzo[k]fluoranthene

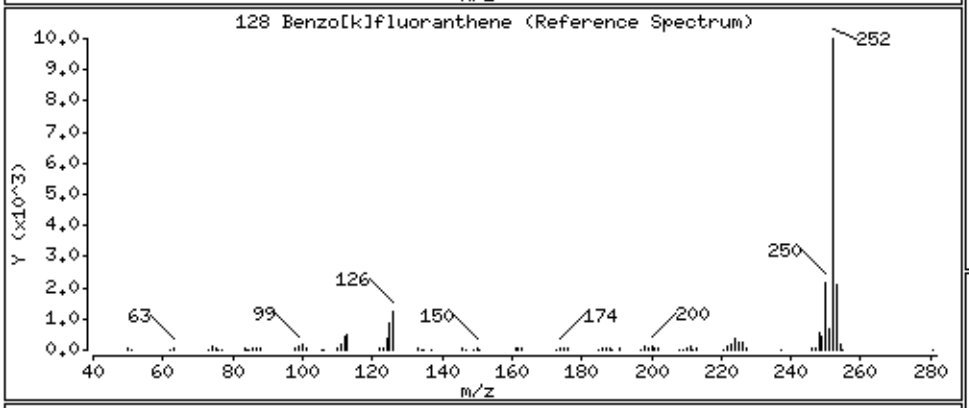
Concentration: 430 ug/kg

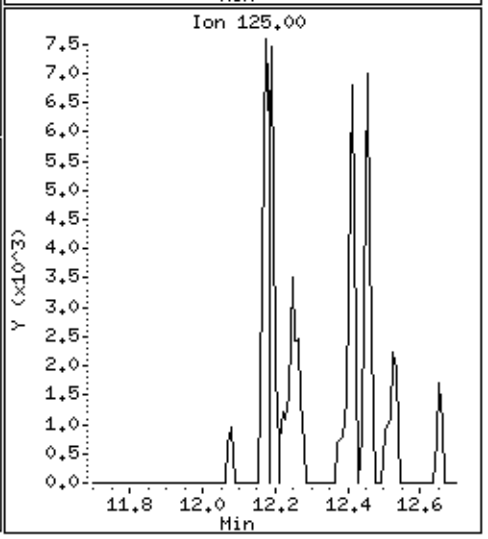


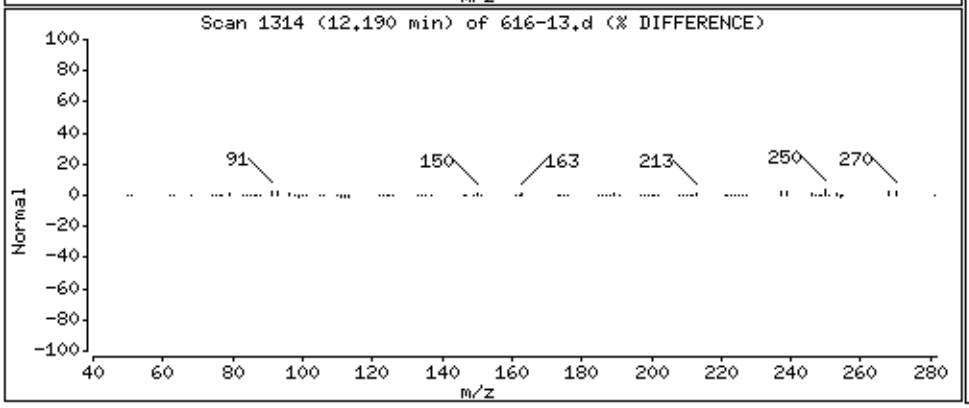












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

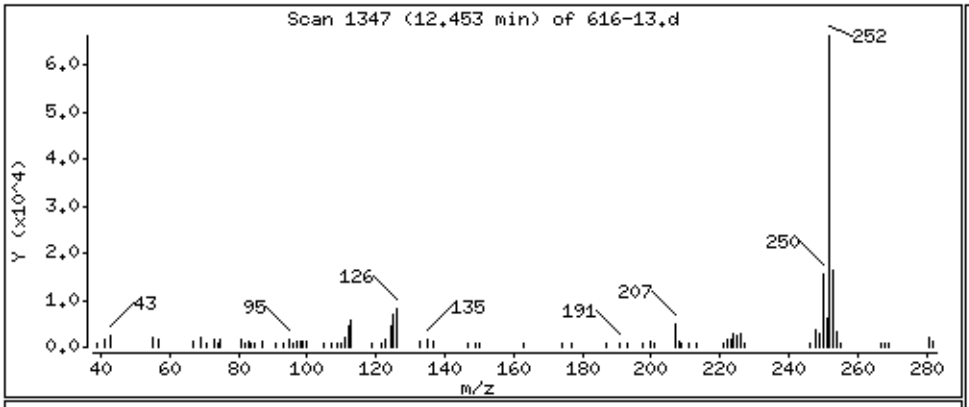
Operator: MJ

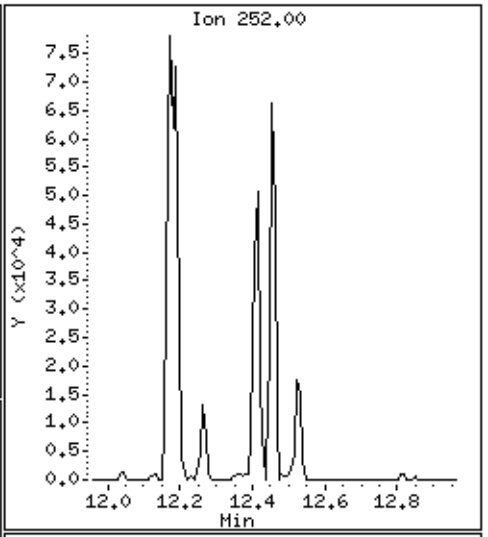
Column phase: HPMS-5

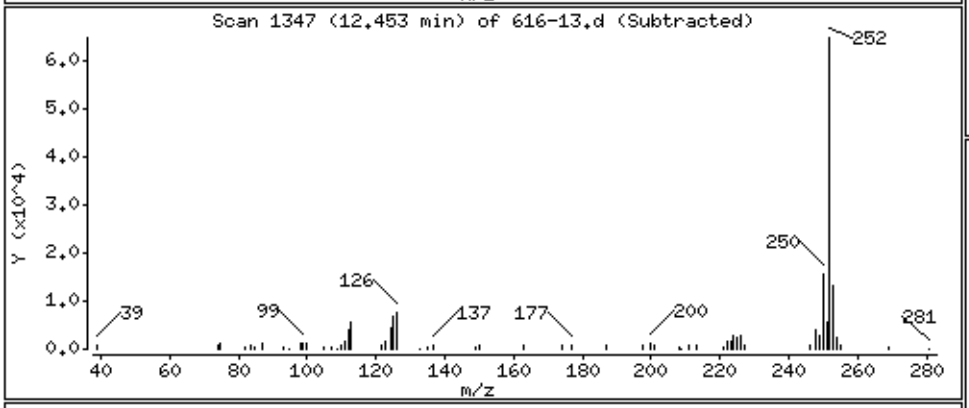
Column diameter: 0.25

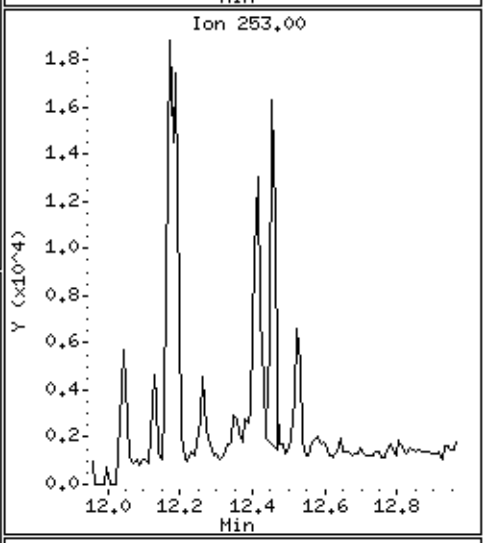
129 Benzo[a]pyrene

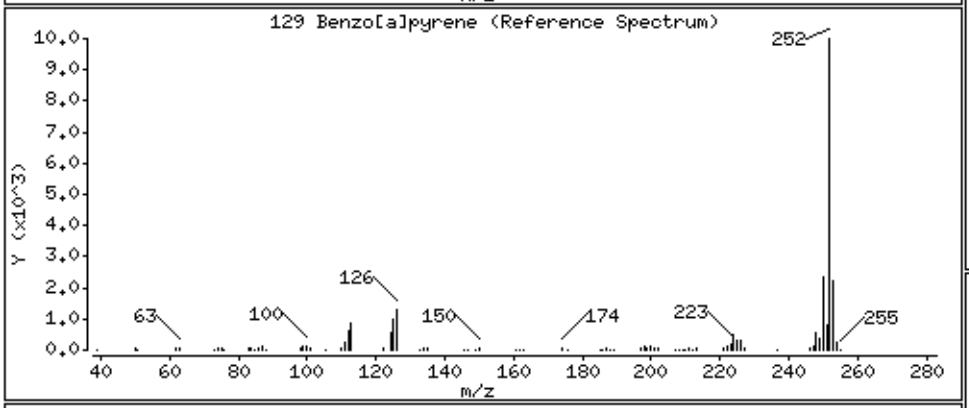
Concentration: 472 ug/kg

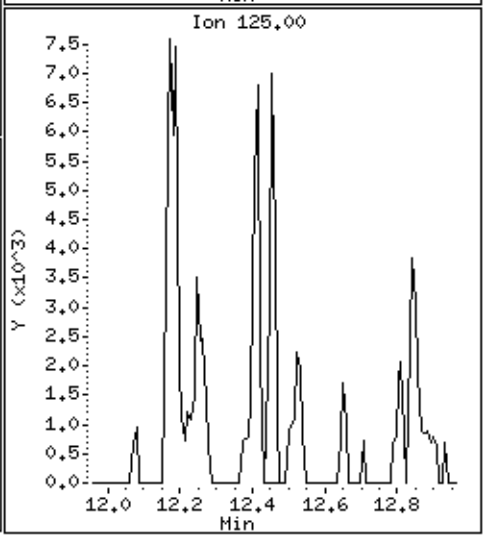


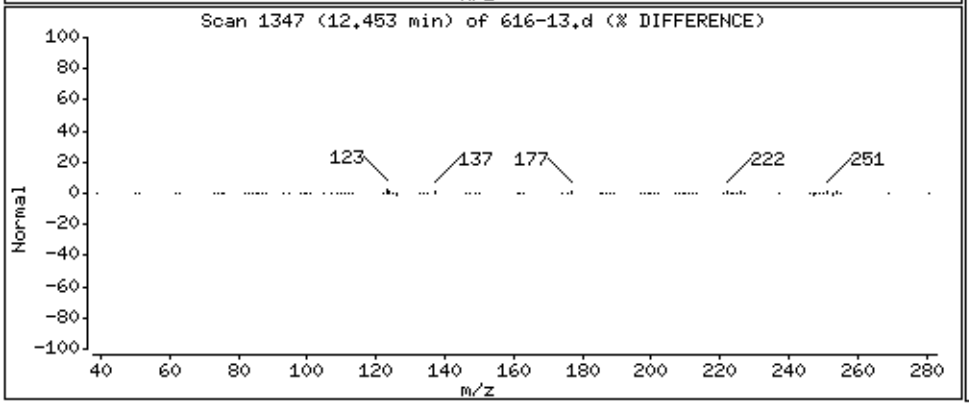












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

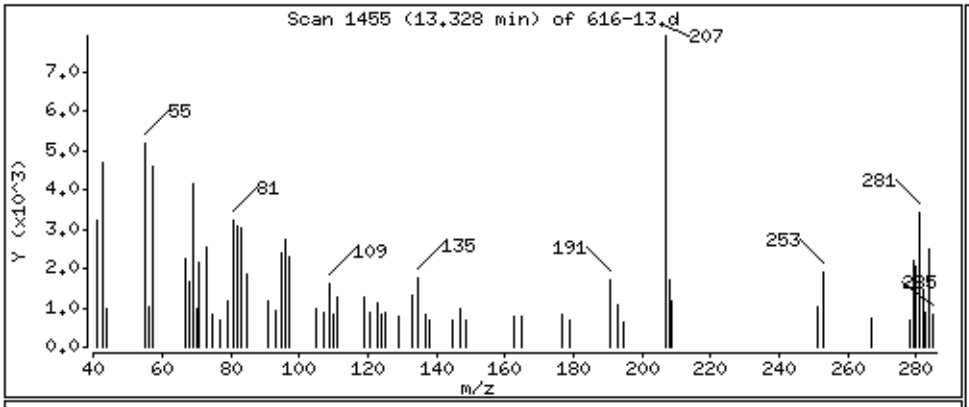
Operator: MJ

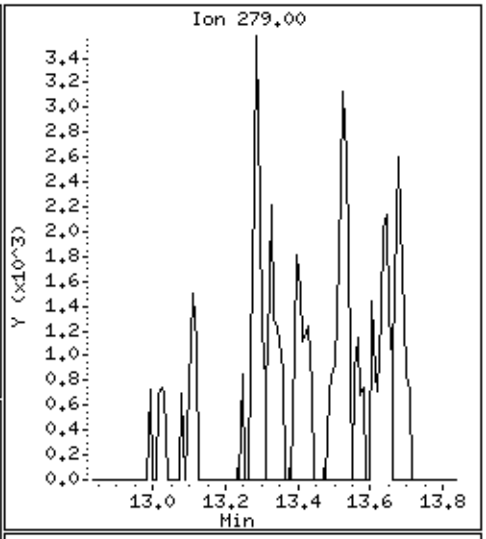
Column phase: HPMS-5

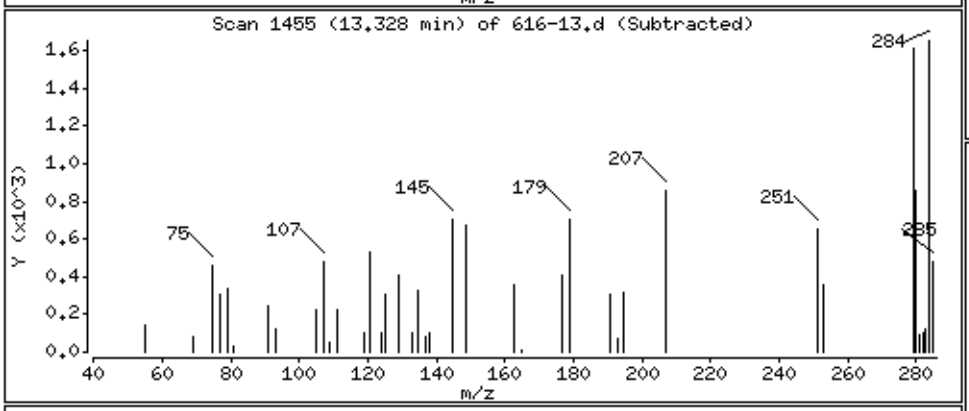
Column diameter: 0.25

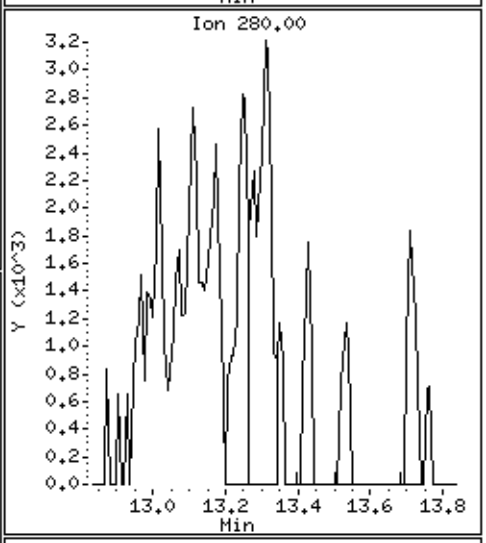
132 Dibenz(a,j)acridine

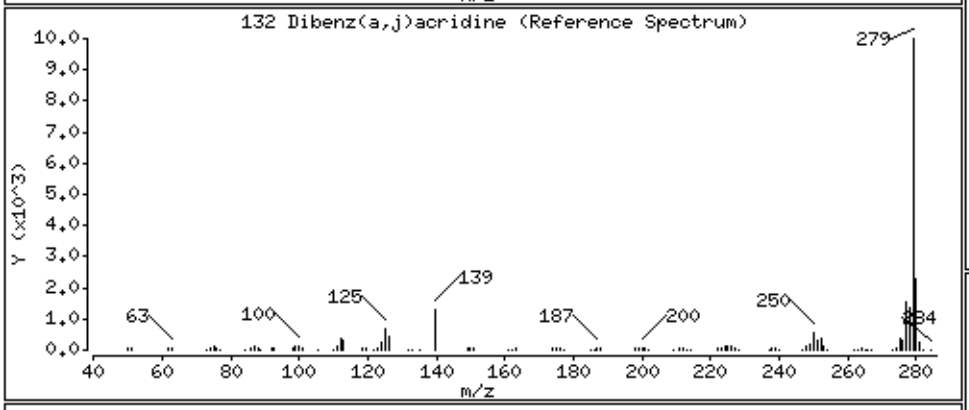
Concentration: 31.9 ug/kg

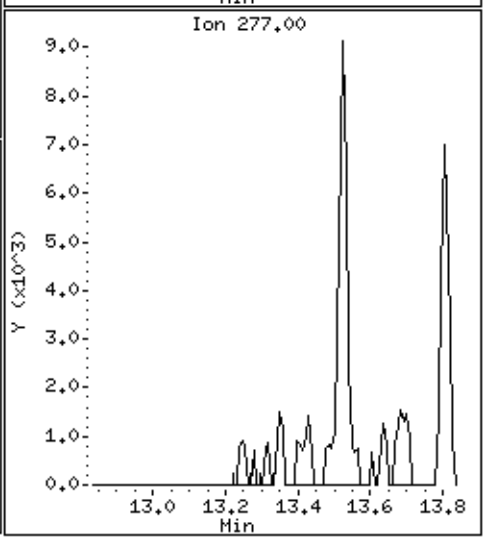


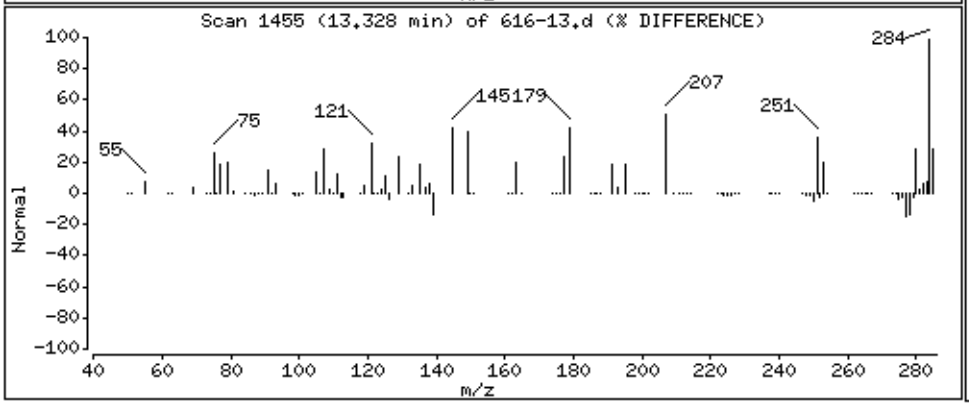












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

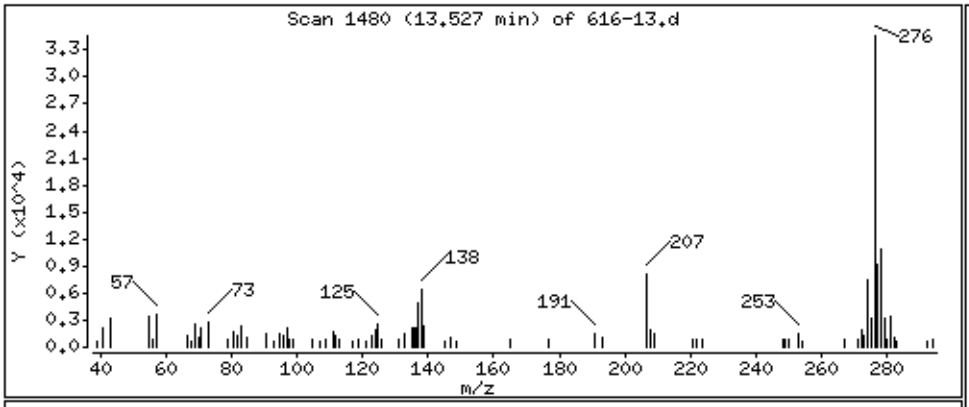
Operator: MJ

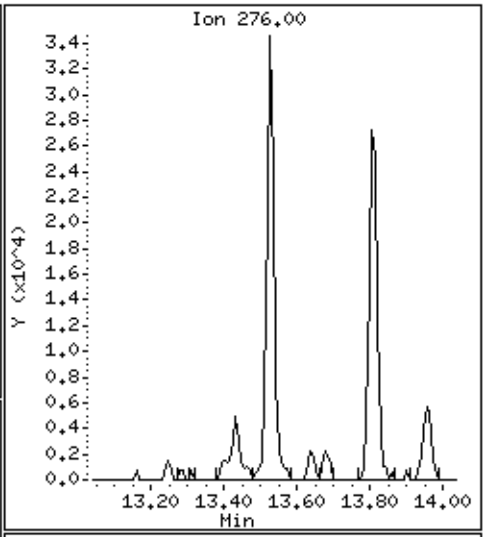
Column phase: HPMS-5

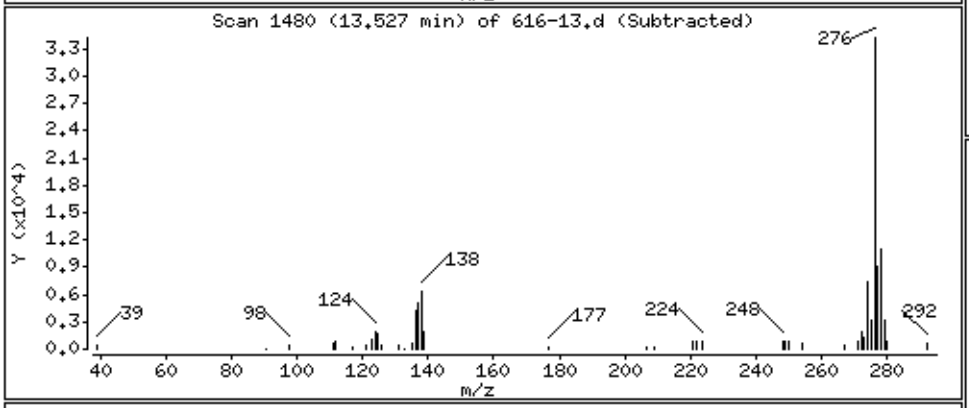
Column diameter: 0.25

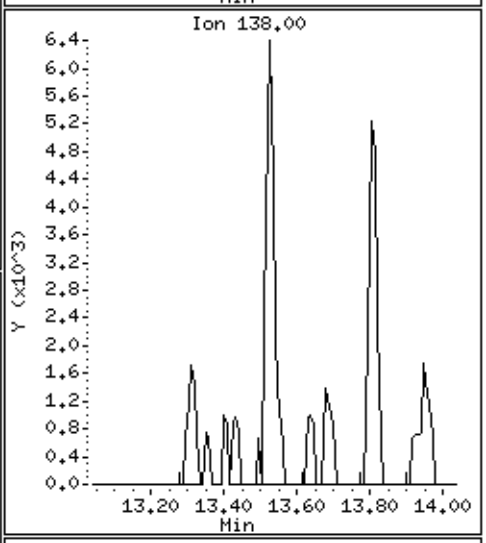
133 Indeno[1,2,3-cd]pyrene

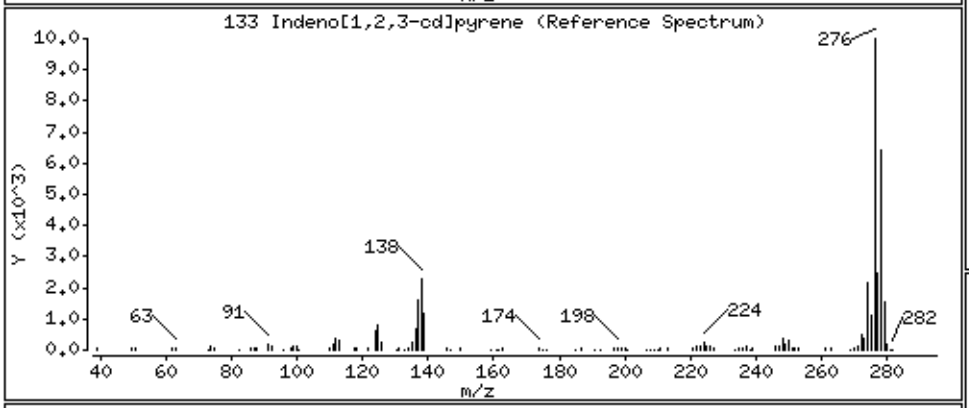
Concentration: 286 ug/kg

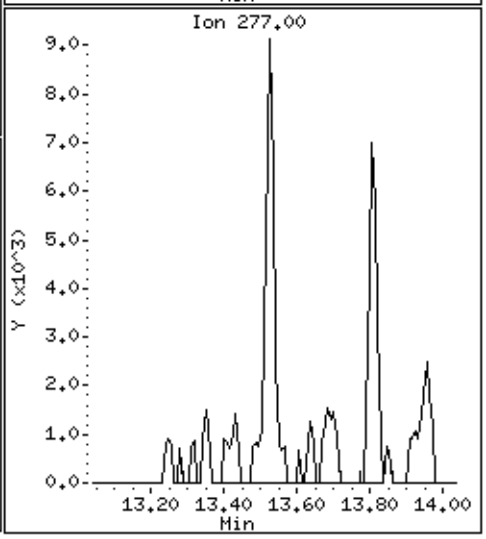


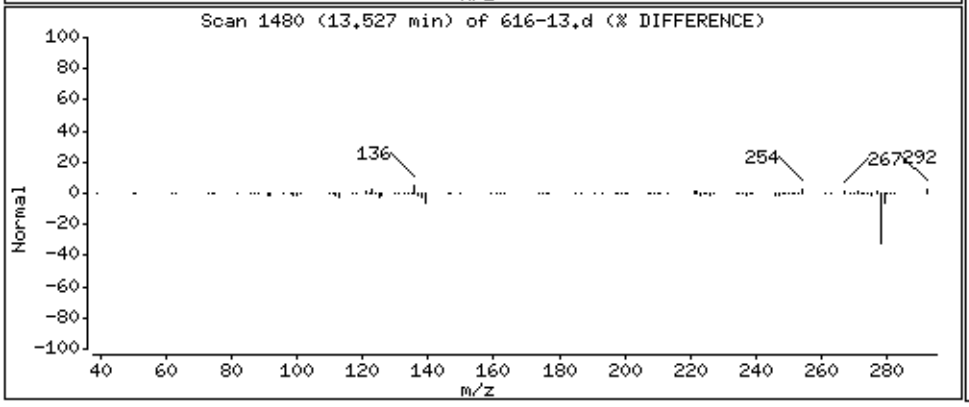












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

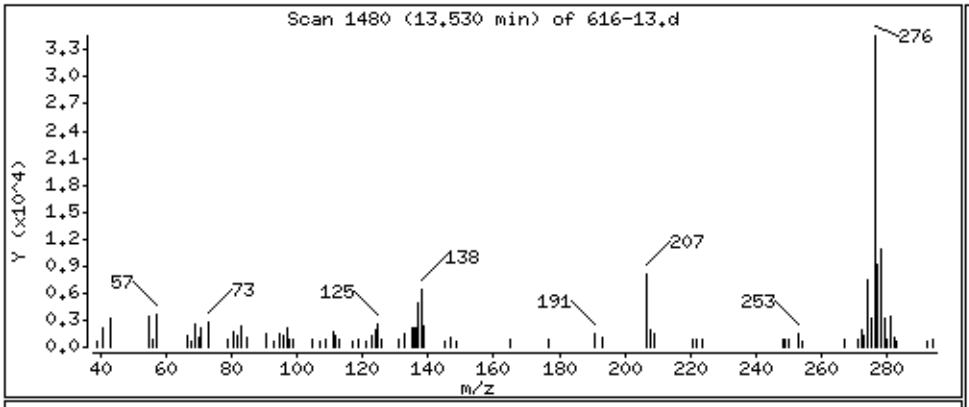
Operator: MJ

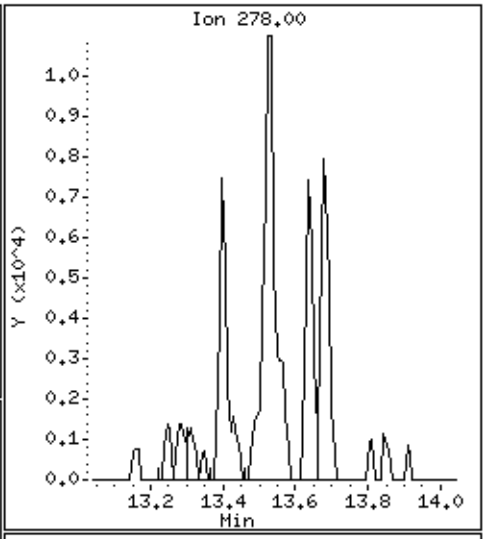
Column phase: HPMS-5

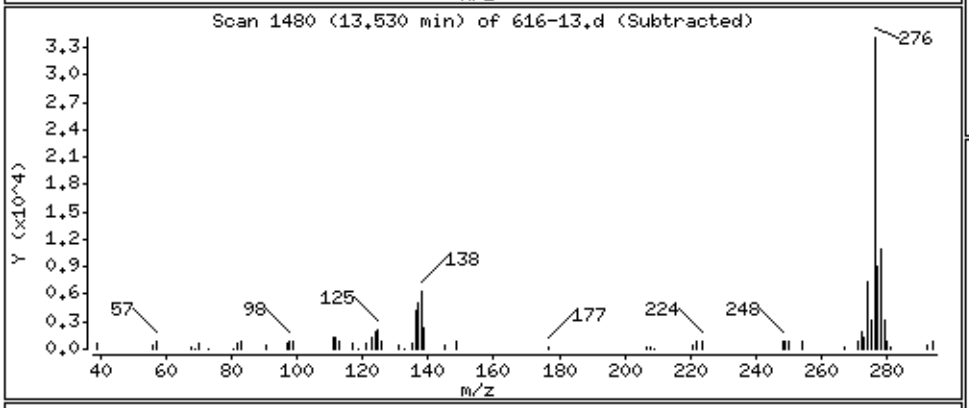
Column diameter: 0.25

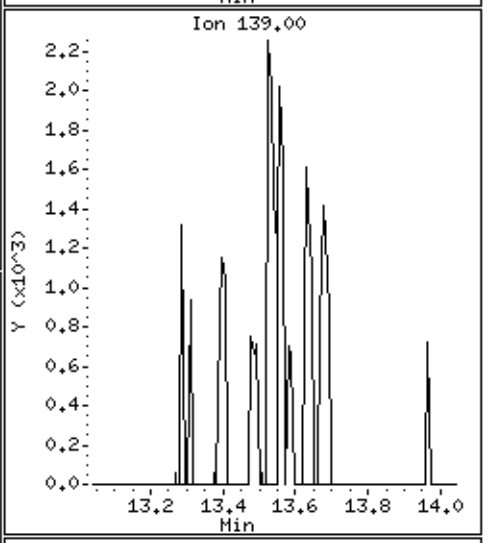
134 Dibenz[a,h]anthracene

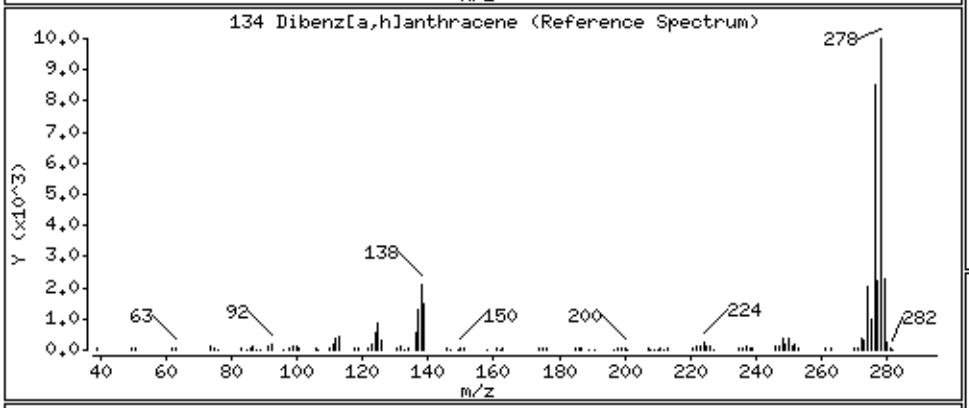
Concentration: 184 ug/kg

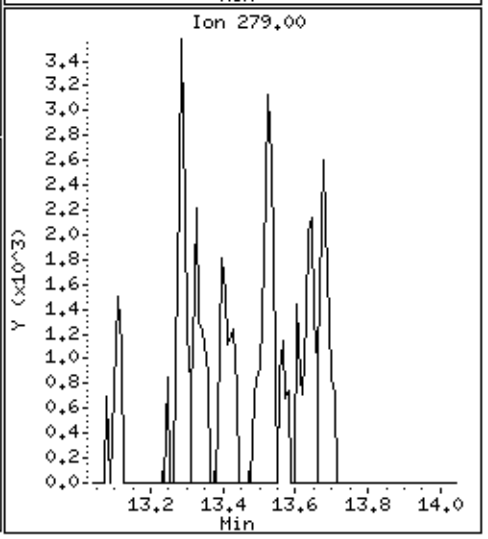


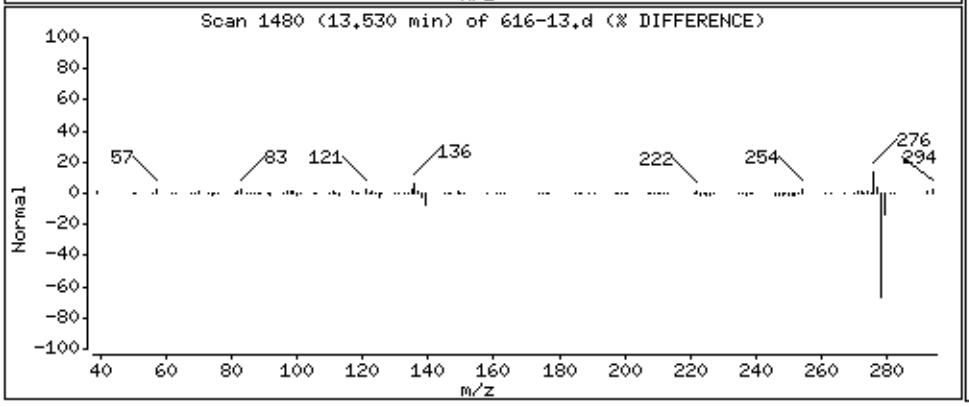












Data File: \\Svecd04\DD\chem\smsd04.i\S4112612.b\616-13.d

Date : 26-NOV-2012 19:48

Client ID: FM0126C-GS-SP

Instrument: smsd04.i

Sample Info: SW350761613

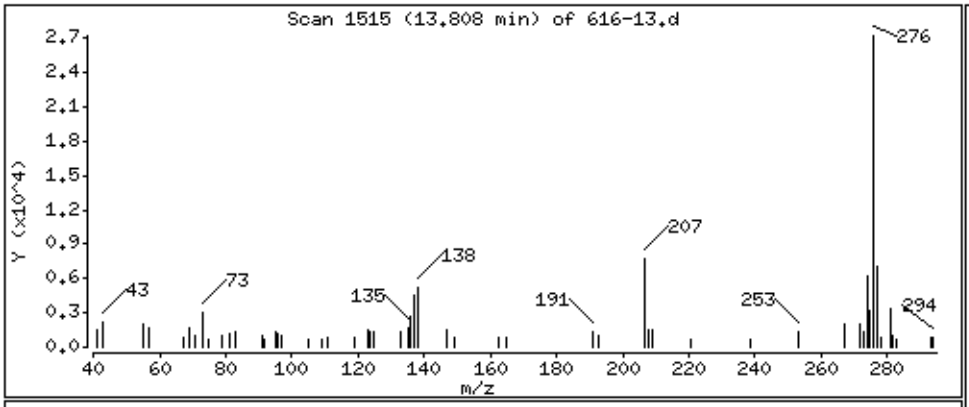
Operator: MJ

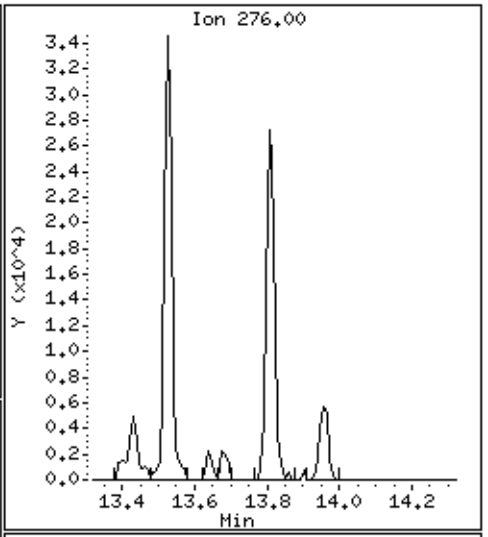
Column phase: HPMS-5

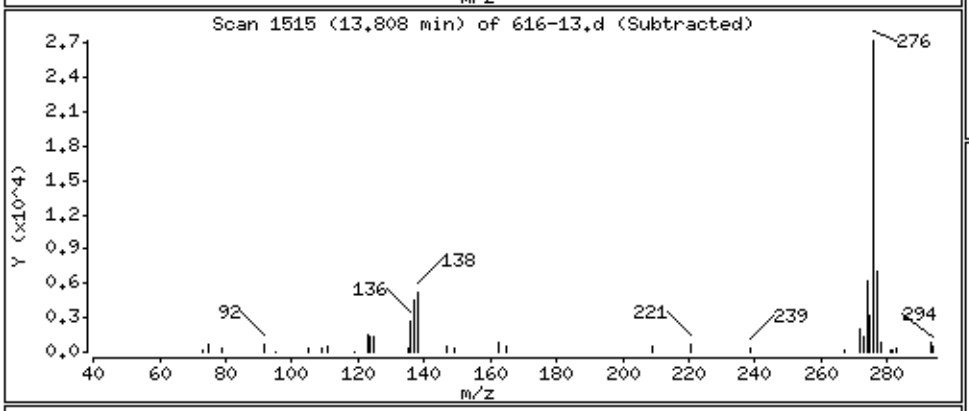
Column diameter: 0.25

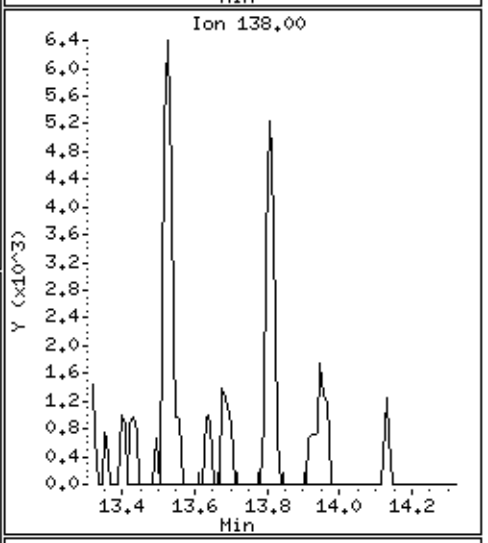
135 Benzo[g,h,i]perylene

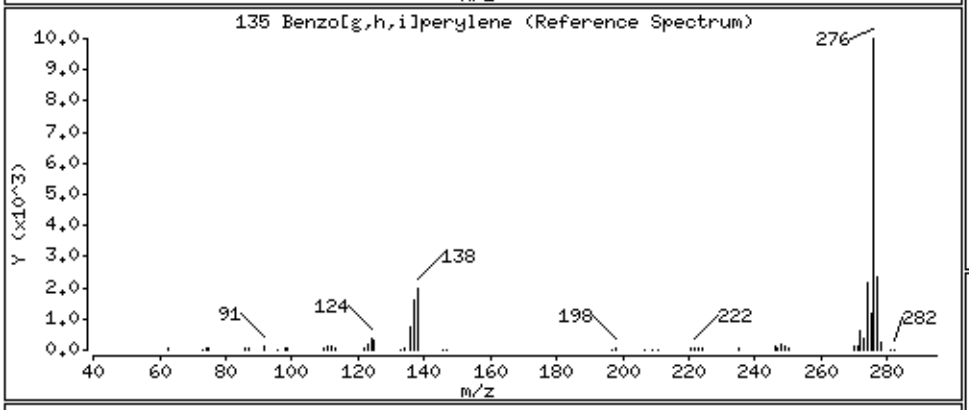
Concentration: 322 ug/kg

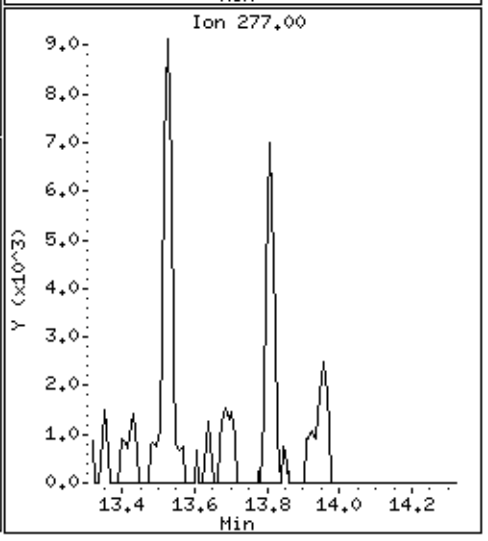


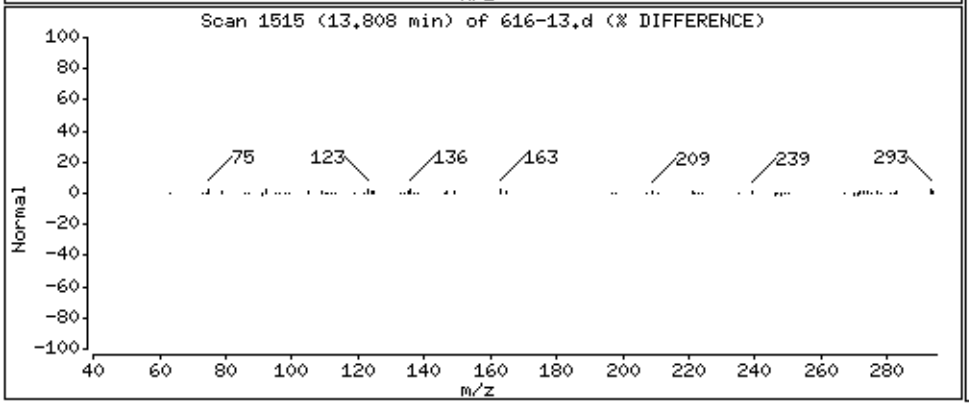












PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d
Lab Smp Id: 154212MS Client Smp ID: FM0126C-GS-SPMS
Inj Date : 29-NOV-2012 15:51 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : SW154212MS
Misc Info :
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112912P.b\8270bcs.m
Meth Date : 29-Nov-2012 12:56 mjacobs Quant Type: ISTD
Cal Date : 15-NOV-2012 10:28 Cal File: AP9CAL4.d
Als bottle: 9 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: SVECD04

Concentration Formula: Amt * DF * (1/((Ws * (1-(M/100)))/1000))*Vf * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Ws	25.230	Weight of sample extracted (g)
M	28.200	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
1 N-Nitrosodimethylamine							CAS #: 62-75-9	
2.204	2.200 (0.515)		42	25808	25.5805	1410	80.00- 120.00	100.00
2.204	2.200 (0.515)		74	34560			105.02- 165.02	133.91
2.205	2.200 (0.515)		44	1523			0.00- 33.43	5.90
2 Pyridine							CAS #: 110-86-1	
2.214	2.208 (0.517)		79	48173	21.2826	1170	80.00- 120.00	100.00
2.214	2.208 (0.517)		52	31630			33.18- 93.18	65.66
3 2- Picoline							CAS #: 109-06-8	
2.778	2.768 (0.649)		93	56952	23.5672	1300	80.00- 120.00	100.00
2.778	2.768 (0.649)		66	26981			18.70- 78.70	47.38
2.778	2.768 (0.649)		92	14797			0.00- 55.25	25.98
4 N-Nitrosomethylethylamine							CAS #: 10595-95-6	
2.882	2.874 (0.673)		88	24347	23.4766	1300	80.00- 120.00	100.00
2.883	2.873 (0.674)		43	17921			38.49- 98.49	73.61
2.882	2.873 (0.673)		42	26259			79.51- 139.51	107.85
5 Methyl Methanesulfonate							CAS #: 66-27-3	
3.128	3.120 (0.731)		80	39351	27.7445	1530	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
	5 Methyl Methanesulfonate (continued)							
3.128	3.121 (0.731)		79	25521			34.97- 94.97	64.86
3.127	3.121 (0.731)		65	10380			0.00- 56.13	26.38
$ 6	2-Fluorophenol (SURR)					CAS #: 367-12-4		
3.249	3.232 (0.759)		112	122103	61.6007	3400	80.00- 120.00	100.00
3.249	3.232 (0.759)		64	75904			29.53- 89.53	62.16
	7 N-Nitrosodiethylamine					CAS #: 55-18-5		
3.434	3.428 (0.802)		102	25204	24.3786	1340	80.00- 120.00	100.00
3.434	3.428 (0.802)		42	22130			54.87- 114.87	87.80
3.434	3.428 (0.802)		57	13917			21.31- 81.31	55.22
	8 Ethyl Methanesulfonate					CAS #: 62-50-0		
3.678	3.674 (0.859)		79	50741	29.2122	1610	80.00- 120.00	100.00
3.678	3.674 (0.859)		109	29726			30.18- 90.18	58.58
3.679	3.674 (0.859)		97	10748			0.00- 50.17	21.18
	9 Benzaldehyde					CAS #: 100-52-7		
3.915	3.915 (0.915)		77	34001	17.4873	965	80.00- 120.00	100.00(aR)
3.915	3.915 (0.915)		106	27396			53.81- 113.81	80.57
3.915	3.914 (0.915)		51	15677			15.58- 75.58	46.11
	10 Aniline					CAS #: 62-53-3		
4.030	4.030 (0.942)		93	58083	20.3590	1120	80.00- 120.00	100.00(Q)
4.014	4.030 (0.938)		65	36853			0.00- 51.00	63.45
4.012	4.030 (0.937)		66	67436			12.36- 72.36	116.10
$ 11	Phenol-d5 (SURR)					CAS #: 4165-62-2		
4.002	3.993 (0.935)		99	157826	62.8900	3470	80.00- 120.00	100.00
4.001	3.993 (0.935)		42	31864			0.00- 49.55	20.19
4.002	3.993 (0.935)		71	67619			11.76- 71.76	42.84
	12 Pentachloroethane					CAS #: 76-01-7		
4.034	4.032 (0.942)		167	24063	25.3740	1400	80.00- 120.00	100.00
4.034	4.032 (0.942)		117	20511			55.86- 115.86	85.24
4.034	4.032 (0.942)		130	8730			7.13- 67.13	36.28
	13 Phenol					CAS #: 108-95-2		
4.012	4.003 (0.937)		94	82224	28.8571	1590	80.00- 120.00	100.00(Q)
4.014	4.003 (0.938)		65	36854			0.00- 60.00	44.82
4.012	4.002 (0.937)		66	67437			20.36- 80.36	82.02
	14 Bis(2-Chloroethyl)ether					CAS #: 111-44-4		
4.073	4.077 (0.952)		93	57959	29.4244	1620	80.00- 120.00	100.00(R)
4.073	4.077 (0.952)		63	41947			40.44- 100.44	72.37
4.073	4.077 (0.952)		95	18516			1.23- 61.23	31.95
	15 2-Chlorophenol					CAS #: 95-57-8		
4.130	4.127 (0.965)		128	53411	27.6525	1530	80.00- 120.00	100.00
4.130	4.127 (0.965)		64	27196			21.62- 81.62	50.92
4.130	4.127 (0.965)		130	16819			3.76- 63.76	31.49

					CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
RT	EXP RT	REL RT	MASS	RESPONSE				
M 16 Cresols (Total)						CAS #: 1319-77-3		
			109301	55.5946		3070		(a)
17 1,3-Dichlorobenzene						CAS #: 541-73-1		
4.251	4.252 (0.993)		146	58435	25.3078	1400	80.00- 120.00	100.00
4.251	4.252 (0.993)		148	37451			35.70- 95.70	64.09
4.251	4.252 (0.993)		111	25707			16.51- 76.51	43.99
* 18 1,4-Dichlorobenzene-d4						CAS #: 3855-82-1		
4.280	4.279 (1.000)		152	62257	40.0000		80.00- 120.00	100.00
4.280	4.279 (1.000)		115	37970			34.83- 94.83	60.99
4.281	4.279 (1.000)		150	109915			128.71- 188.71	176.55
19 1,4-Dichlorobenzene						CAS #: 106-46-7		
4.294	4.295 (1.003)		146	62039	25.9422	1430	80.00- 120.00	100.00
4.295	4.295 (1.003)		148	40362			33.99- 93.99	65.06
4.294	4.295 (1.003)		111	27368			13.50- 73.50	44.12
20 1,2-Dichlorobenzene						CAS #: 95-50-1		
4.462	4.463 (1.042)		146	57242	25.7476	1420	80.00- 120.00	100.00
4.462	4.463 (1.043)		148	36737			34.62- 94.62	64.18
4.462	4.464 (1.042)		111	25705			16.72- 76.72	44.91
21 Benzyl alcohol						CAS #: 100-51-6		
4.417	4.415 (1.032)		108	35650	28.2855	1560	80.00- 120.00	100.00
4.417	4.415 (1.032)		79	52474			122.67- 182.67	147.19
4.417	4.415 (1.032)		77	36546			76.82- 136.82	102.52
22 2-Methylphenol						CAS #: 95-48-7		
4.534	4.526 (1.059)		107	43189	27.3954	1510	80.00- 120.00	100.00
4.534	4.525 (1.059)		108	49509			84.79- 144.79	114.63
4.534	4.525 (1.059)		79	34110			25.27- 85.27	78.98
23 2,2'-oxybis(1-chloropropane)						CAS #: 108-60-1		
4.555	4.556 (1.064)		45	66959	26.3799	1460	80.00- 120.00	100.00(Q)
4.534	4.556 (1.059)		77	37550			0.00- 49.15	56.08
4.555	4.556 (1.064)		121	19154			0.00- 58.76	28.61
24 N-Nitrosopyrrolidine						CAS #: 930-55-2		
4.659	4.654 (1.089)		100	29793	26.7768	1480	80.00- 120.00	100.00(Q)
4.660	4.654 (1.089)		41	23308			58.37- 118.37	78.23
4.681	4.655 (1.093)		42	52129			52.82- 112.82	174.97
25 Acetophenone						CAS #: 98-86-2		
4.660	4.659 (0.855)		105	166623	53.9488	2980	80.00- 120.00	100.00
4.660	4.659 (0.855)		77	171188			60.87- 120.87	102.74
4.660	4.659 (0.855)		51	58175			0.41- 60.41	34.91
26 N-Nitrosodinpropylamine						CAS #: 621-64-7		
4.682	4.683 (1.094)		70	47858	28.7017	1580	80.00- 120.00	100.00(Q)
4.681	4.683 (1.093)		42	52130			20.58- 80.58	108.93
4.682	4.683 (1.094)		130	11022			0.00- 52.81	23.03

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 N-Nitrosomorpholine						CAS #: 59-89-2		
4.672	4.668	(1.091)	56	38135	27.0012	1490	80.00- 120.00	100.00
4.672	4.668	(1.091)	116	11795			3.08- 63.08	30.93
4.671	4.668	(1.091)	86	18385			20.14- 80.14	48.21
28 4-Methylphenol						CAS #: 106-44-5		
4.659	4.656	(1.089)	107	66112	28.1992	1560	80.00- 120.00	100.00
4.659	4.656	(1.089)	108	54919			51.67- 111.67	83.07
4.659	4.656	(1.089)	79	18070			0.00- 56.89	27.33
29 o-Toluidine						CAS #: 95-53-4		
4.701	4.699	(1.098)	106	73101	22.4152	1240	80.00- 120.00	100.00
4.700	4.699	(1.098)	77	18210			0.00- 53.17	24.91
4.701	4.699	(1.098)	107	56131			44.37- 104.37	76.79
30 Hexachloroethane						CAS #: 67-72-1		
4.737	4.738	(1.107)	117	26712	26.4520	1460	80.00- 120.00	100.00
4.738	4.738	(1.107)	201	24482			64.97- 124.97	91.65
4.738	4.738	(1.107)	199	15331			31.13- 91.13	57.39
$ 31 Nitrobenzene-d5 (SURR)						CAS #: 4165-60-0		
4.802	4.803	(0.881)	82	79856	30.9961	1710	80.00- 120.00	100.00
4.802	4.803	(0.881)	128	31120			7.15- 67.15	38.97
4.802	4.803	(0.881)	54	39260			18.25- 78.25	49.16
32 Nitrobenzene						CAS #: 98-95-3		
4.818	4.819	(0.884)	77	70738	27.4053	1510	80.00- 120.00	100.00
4.819	4.819	(0.884)	123	25216			7.42- 67.42	35.65
4.818	4.819	(0.884)	65	9812			0.00- 43.20	13.87
33 N-Nitrosopiperidine						CAS #: 100-75-4		
4.954	4.951	(0.909)	114	25276	26.5453	1460	80.00- 120.00	100.00
4.954	4.951	(0.909)	42	36505			113.41- 173.41	144.43
4.954	4.951	(0.909)	55	19674			42.66- 102.66	77.84
34 Isophorone						CAS #: 78-59-1		
5.028	5.030	(0.923)	82	113553	26.2499	1450	80.00- 120.00	100.00
5.029	5.030	(0.923)	138	17067			0.00- 46.17	15.03
5.028	5.030	(0.923)	95	8891			0.00- 37.96	7.83
35 2-Nitrophenol						CAS #: 88-75-5		
5.112	5.113	(0.938)	139	30398	29.1717	1610	80.00- 120.00	100.00
5.112	5.113	(0.938)	65	18617			31.12- 91.12	61.24
5.112	5.113	(0.938)	109	12391			10.40- 70.40	40.76
36 2,4-Dimethylphenol						CAS #: 105-67-9		
5.145	5.145	(0.944)	122	45122	29.6299	1640	80.00- 120.00	100.00
5.145	5.144	(0.944)	107	61518			106.00- 166.00	136.34
5.145	5.145	(0.944)	121	26856			29.82- 89.82	59.52
37 o,o,o-Triethylphosphorothioate						CAS #: 126-68-1		
5.248	5.247	(1.226)	198	30219	25.2748	1400	80.00- 120.00	100.00(Q)
5.248	5.247	(1.226)	97	24732			50.63- 110.63	81.84

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
	37 o,o,o-Triethylphosphorothioate (continued)							
5.245	5.247 (1.225)		65	37236			37.34- 97.34	123.22
	38 Bis(2-Chloroethoxy)methane					CAS #: 111-91-1		
5.235	5.237 (0.961)		93	95829	37.9474	2090	80.00- 120.00	100.00
5.234	5.237 (0.960)		95	24459			1.88- 61.88	25.52
5.235	5.237 (0.961)		123	10915			0.00- 43.63	11.39
	39 a,a-Dimethylphenethylamine					CAS #: 122-09-8		
5.748	5.293 (1.055)		58	113951	22.7847	1260	80.00- 120.00	100.00(M)
5.542	5.294 (1.017)		91	29070			0.00- 47.30	25.51
5.542	5.294 (1.017)		65	31737			0.00- 39.12	27.85
	40 Benzoic Acid					CAS #: 65-85-0		
5.244	5.252 (0.962)		122	39363	36.7406	2030	80.00- 120.00	100.00
5.243	5.252 (0.962)		105	51148			110.92- 170.92	129.94
5.243	5.252 (0.962)		77	43185			91.39- 151.39	109.71
	41 2,4-Dichlorophenol					CAS #: 120-83-2		
5.330	5.329 (0.978)		162	50987	28.6742	1580	80.00- 120.00	100.00
5.330	5.329 (0.978)		164	32751			32.64- 92.64	64.23
5.330	5.329 (0.978)		98	19115			6.25- 66.25	37.49
	42 1,2,4-Trichlorobenzene					CAS #: 120-82-1		
5.411	5.413 (0.993)		180	55897	27.9128	1540	80.00- 120.00	100.00
5.411	5.413 (0.993)		182	52838			66.26- 126.26	94.53
5.411	5.413 (0.993)		145	15827			0.00- 58.63	28.32
*	43 Naphthalene-d8					CAS #: 1146-65-2		
5.450	5.448 (1.000)		136	205489	40.0000		80.00- 120.00	100.00
5.449	5.447 (1.000)		68	14583			0.00- 37.04	7.10
	44 Naphthalene					CAS #: 91-20-3		
5.469	5.470 (1.004)		128	157373	28.9878	1600	80.00- 120.00	100.00
5.469	5.470 (1.003)		129	17957			0.00- 41.27	11.41
5.469	5.470 (1.004)		127	20981			0.00- 42.78	13.33
	45 4-Chloroaniline					CAS #: 106-47-8		
5.540	5.539 (1.016)		127	57547	25.8922	1430	80.00- 120.00	100.00
5.539	5.539 (1.016)		129	18041			2.83- 62.83	31.35
5.539	5.538 (1.016)		65	23044			6.11- 66.11	40.04
	46 2,6-Dichlorophenol					CAS #: 87-65-0		
5.547	5.546 (1.018)		162	46307	27.5627	1520	80.00- 120.00	100.00
5.545	5.545 (1.017)		63	40905			38.20- 98.20	88.33
5.547	5.545 (1.018)		98	12644			0.00- 57.00	27.31
	47 Hexachloropropene					CAS #: 1888-71-7		
5.582	5.581 (1.024)		213	30988	19.2151	1060	80.00- 120.00	100.00
5.582	5.581 (1.024)		215	19079			33.82- 93.82	61.57
5.581	5.581 (1.024)		117	7998			0.00- 54.26	25.81
	48 Hexachlorobutadiene					CAS #: 87-68-3		
5.638	5.639 (1.034)		225	41629	28.9810	1600	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
	48 Hexachlorobutadiene (continued)							
5.638	5.639	(1.034)	223	26820			31.88- 91.88	64.43
5.638	5.639	(1.034)	227	27384			34.12- 94.12	65.78
	49 N-Nitrosodi-n-butylamine					CAS #: 924-16-3		
5.875	5.875	(1.078)	84	44268	26.7303	1480	80.00- 120.00	100.00
5.875	5.875	(1.078)	57	32042			37.43- 97.43	72.38
5.875	5.874	(1.078)	41	25079			29.30- 89.30	56.65
	50 Caprolactam					CAS #: 105-60-2		
5.844	5.825	(1.072)	55	29641	35.2914	1950	80.00- 120.00	100.00(a)
5.844	5.826	(1.072)	113	17795			41.91- 101.91	60.03
5.844	5.826	(1.072)	85	12904			25.27- 85.27	43.53
	51 4-Chloro-3-methylphenol					CAS #: 59-50-7		
6.002	5.998	(1.101)	107	61415	32.1557	1780	80.00- 120.00	100.00
6.002	5.998	(1.101)	144	13135			0.00- 52.88	21.39
6.002	5.998	(1.101)	142	42908			41.55- 101.55	69.87
	52 Isosafrole					CAS #: 120-58-1		
6.050	6.050	(1.110)	162	46687	30.4480	1680	80.00- 120.00	100.00
6.050	6.050	(1.110)	104	33032			37.73- 97.73	70.75
6.050	6.050	(1.110)	131	23078			18.60- 78.60	49.43
	53 2-Methylnaphthalene					CAS #: 91-57-6		
6.127	6.128	(1.124)	142	107410	29.3752	1620	80.00- 120.00	100.00
6.127	6.128	(1.124)	141	92298			56.26- 116.26	85.93
	54 1-Methylnaphthalene					CAS #: 90-12-0		
6.232	6.232	(1.143)	142	93470	27.7697	1530	80.00- 120.00	100.00
6.232	6.232	(1.143)	141	84589			60.54- 120.54	90.50
	55 Hexachlorocyclopentadiene					CAS #: 77-47-4		
6.344	6.345	(0.887)	237	2410	5.95046	328	80.00- 120.00	100.00(RM)
6.344	6.345	(0.887)	235	1503			33.68- 93.68	62.40
6.345	6.345	(0.887)	272	0	0.00	0.00	0.00- 43.36	0.00
	56 1,2,4,5-Tetrachlorobenzene					CAS #: 95-94-3		
6.327	6.326	(0.884)	216	58614	26.9537	1490	80.00- 120.00	100.00
6.327	6.326	(0.884)	214	44348			48.51- 108.51	75.66
6.326	6.325	(0.884)	108	11292			0.00- 49.85	19.27
	57 2,4,6-Trichlorophenol					CAS #: 88-06-2		
6.425	6.425	(0.898)	196	42080	30.4729	1680	80.00- 120.00	100.00
6.425	6.425	(0.898)	198	41562			65.94- 125.94	98.77
6.425	6.425	(0.898)	200	13220			1.82- 61.82	31.42
	58 2,4,5-Trichlorophenol					CAS #: 95-95-4		
6.464	6.462	(0.903)	196	47580	31.8380	1760	80.00- 120.00	100.00
6.465	6.463	(0.904)	198	46111			65.98- 125.98	96.91
6.464	6.462	(0.903)	97	28210			25.91- 85.91	59.29
$	59 2-Fluorobiphenyl (SURR)					CAS #: 321-60-8		
6.499	6.501	(0.908)	172	158791	33.8291	1870	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 59 2-Fluorobiphenyl (SURR) (continued)								
6.500	6.500	(0.908)	171	53618			3.72- 63.72	33.77
60 Safrole						CAS #: 94-59-7		
6.545	6.543	(1.201)	162	51404	38.2913	2110	80.00- 120.00	100.00
6.544	6.542	(1.201)	104	30168			31.88- 91.88	58.69
6.544	6.542	(1.201)	77	17823			6.00- 66.00	34.67
61 1,1-Biphenyl						CAS #: 92-52-4		
6.583	6.583	(0.920)	154	134297	27.4870	1520	80.00- 120.00	100.00(a)
6.584	6.582	(0.920)	76	24450			0.00- 44.63	18.21
6.586	6.582	(0.920)	51	15409			0.00- 36.37	11.47
62 2-Chloronaphthalene						CAS #: 91-58-7		
6.595	6.597	(0.922)	162	114245	29.4534	1620	80.00- 120.00	100.00
6.596	6.597	(0.922)	164	36306			2.56- 62.56	31.78
6.595	6.596	(0.922)	127	47516			8.89- 68.89	41.59
63 2-Nitroaniline						CAS #: 88-74-4		
6.726	6.726	(0.940)	65	42519	31.5018	1740	80.00- 120.00	100.00
6.726	6.726	(0.940)	92	28240			35.06- 95.06	66.42
6.727	6.726	(0.940)	138	38357			61.12- 121.12	90.21
64 1,4-Naphthoquinone						CAS #: 130-15-4		
6.771	6.768	(0.946)	158	13992	10.2398	565	80.00- 120.00	100.00
6.770	6.767	(0.946)	102	12285			55.26- 115.26	87.80
6.771	6.767	(0.946)	130	6770			16.15- 76.15	48.39
65 Dimethylphthalate						CAS #: 131-11-3		
6.935	6.934	(0.969)	163	150949	32.9389	1820	80.00- 120.00	100.00
6.935	6.935	(0.969)	194	8435			0.00- 36.09	5.59
6.934	6.934	(0.969)	164	15216			0.00- 40.21	10.08
66 1,3-Dinitrobenzene						CAS #: 99-65-0		
6.951	6.946	(0.971)	168	22150	32.2269	1780	80.00- 120.00	100.00(Q)
6.950	6.945	(0.971)	75	31903			83.79- 143.79	144.03
6.947	6.945	(0.971)	50	34000			59.09- 119.09	153.50
67 2,6-Dinitrotoluene						CAS #: 606-20-2		
6.999	7.001	(0.978)	165	34536	33.1891	1830	80.00- 120.00	100.00
6.999	7.001	(0.978)	89	21903			35.55- 95.55	63.42
7.001	7.002	(0.978)	63	34111			66.05- 126.05	98.77
68 Acenaphthylene						CAS #: 208-96-8		
7.005	7.006	(0.979)	152	183632	30.2510	1670	80.00- 120.00	100.00(R)
7.005	7.005	(0.979)	151	36648			0.00- 50.14	19.96
7.005	7.005	(0.979)	153	23864			0.00- 42.93	13.00
69 3-Nitroaniline						CAS #: 99-09-2		
7.131	7.133	(0.997)	138	30284	30.7484	1700	80.00- 120.00	100.00
7.131	7.133	(0.997)	108	3590			0.00- 41.98	11.86
7.131	7.132	(0.997)	92	41498			99.78- 159.78	137.03

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
* 70 Acenaphthene-d10						CAS #: 15067-26-2		
7.155	7.152	(1.000)	164	131364	40.0000		80.00- 120.00	100.00
7.155	7.152	(1.000)	162	124952			64.46- 124.46	95.12
7.155	7.152	(1.000)	160	55531			12.05- 72.05	42.27
71 Acenaphthene						CAS #: 83-32-9		
7.185	7.186	(1.004)	154	105363	30.0977	1660	80.00- 120.00	100.00
7.185	7.186	(1.004)	153	111215			77.53- 137.53	105.55
7.185	7.186	(1.004)	152	53212			20.98- 80.98	50.50
72 2,4-Dinitrophenol						CAS #: 51-28-5		
7.232	7.231	(1.011)	184	40833	62.3757	3440	80.00- 120.00	100.00
7.232	7.230	(1.011)	63	30579			40.72- 100.72	74.89
7.232	7.231	(1.011)	154	26782			33.64- 93.64	65.59
73 Pentachlorobenzene						CAS #: 608-93-5		
7.363	7.361	(1.029)	250	56823	28.3678	1560	80.00- 120.00	100.00
7.363	7.361	(1.029)	252	35535			33.38- 93.38	62.54
7.362	7.360	(1.029)	108	17170			0.00- 57.99	30.22
74 4-Nitrophenol						CAS #: 100-02-7		
7.304	7.298	(1.021)	109	30329	36.6948	2020	80.00- 120.00	100.00
7.305	7.298	(1.021)	139	23057			60.88- 120.88	76.02
7.304	7.298	(1.021)	65	34202			76.22- 136.22	112.77
75 Dibenzofuran						CAS #: 132-64-9		
7.340	7.340	(1.026)	168	169777	31.6398	1750	80.00- 120.00	100.00
7.340	7.340	(1.026)	139	73644			11.35- 71.35	43.38
76 2,4-Dinitrotoluene						CAS #: 121-14-2		
7.380	7.380	(1.031)	165	44843	34.0122	1880	80.00- 120.00	100.00
7.379	7.379	(1.031)	63	22372			18.57- 78.57	49.89
7.380	7.379	(1.031)	89	36550			48.14- 108.14	81.51
77 1-Naphthylamine						CAS #: 134-32-7		
7.422	7.419	(1.037)	143	36185	10.0457	554	80.00- 120.00	100.00
7.422	7.419	(1.037)	115	20017			23.29- 83.29	55.32
7.423	7.419	(1.037)	89	5076			0.00- 40.52	14.03
78 2,3,4,6-Tetrachlorophenol						CAS #: 58-90-2		
7.505	7.501	(1.049)	232	40736	36.1961	2000	80.00- 120.00	100.00
7.505	7.501	(1.049)	168	11757			0.00- 59.14	28.86
7.504	7.501	(1.049)	131	20047			17.57- 77.57	49.21
79 2-Naphthylamine						CAS #: 91-59-8		
7.494	7.490	(1.047)	143	47001	11.5932	640	80.00- 120.00	100.00
7.494	7.490	(1.047)	115	24801			24.10- 84.10	52.77
7.493	7.490	(1.047)	116	11454			0.00- 52.92	24.37
80 Diethylphthalate						CAS #: 84-66-2		
7.623	7.625	(1.065)	149	148266	32.9283	1820	80.00- 120.00	100.00
7.623	7.625	(1.065)	177	32226			0.00- 52.69	21.74
7.623	7.625	(1.065)	150	17845			0.00- 42.39	12.04

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
81 Fluorene						CAS #: 86-73-7		
7.676	7.676 (1.073)		166	145789	30.8727	1700	80.00- 120.00	100.00
7.676	7.676 (1.073)		165	136279			63.07- 123.07	93.48
7.676	7.676 (1.073)		167	20691			0.00- 43.52	14.19
82 4-Chlorophenyl-phenylether						CAS #: 7005-72-3		
7.676	7.676 (1.073)		204	76774	30.9534	1710	80.00- 120.00	100.00
7.676	7.676 (1.073)		206	25488			3.02- 63.02	33.20
7.675	7.676 (1.073)		141	45934			30.82- 90.82	59.83
83 5-Nitro-ortho-toluidine						CAS #: 99-55-8		
7.721	7.717 (1.079)		152	37026	30.6793	1690	80.00- 120.00	100.00
7.721	7.717 (1.079)		106	28597			47.54- 107.54	77.24
7.720	7.717 (1.079)		77	40271			82.28- 142.28	108.76
84 4-Nitroaniline						CAS #: 100-01-6		
7.734	7.736 (1.081)		138	31621	35.3523	1950	80.00- 120.00	100.00
7.733	7.736 (1.081)		92	18671			27.15- 87.15	59.05
7.734	7.736 (1.081)		108	36855			88.04- 148.04	116.55
85 4,6-Dinitro-2-methylphenol						CAS #: 534-52-1		
7.775	7.777 (0.905)		198	29111	31.9506	1760	80.00- 120.00	100.00
7.774	7.777 (0.905)		51	12534			14.16- 74.16	43.06
7.775	7.777 (0.905)		105	12728			11.29- 71.29	43.72
86 N-Nitrosodiphenylamine						CAS #: 86-30-6		
7.798	7.800 (0.908)		169	100254	32.7368	1810	80.00- 120.00	100.00
7.798	7.800 (0.908)		168	70103			39.06- 99.06	69.93
7.798	7.800 (0.908)		167	34767			3.54- 63.54	34.68
87 1,2-Diphenylhydrazine						CAS #: 122-66-7		
7.830	7.831 (1.094)		77	159135	30.7747	1700	80.00- 120.00	100.00
7.830	7.831 (1.094)		105	22910			0.00- 44.92	14.40
7.830	7.831 (1.094)		182	41131			0.00- 54.72	25.85
$ 88 2,4,6-Tribromophenol (SURR)						CAS #: 118-79-6		
7.932	7.933 (1.109)		330	65054	80.1498	4420	80.00- 120.00	100.00
7.932	7.933 (1.109)		332	62046			66.28- 126.28	95.38
7.931	7.932 (1.108)		141	27198			8.36- 68.36	41.81
89 Diallate						CAS #: 2303-16-4		
8.117	8.117 (1.134)		86	65475	29.6282	1640	80.00- 120.00	100.00(M)
8.117	8.117 (1.134)		43	75767			93.08- 153.08	115.72
8.117	8.117 (1.134)		234	31481			20.19- 80.19	48.08
90 1,3,5-Trinitrobenzene						CAS #: 99-35-4		
8.114	8.106 (1.134)		75	36623	14.3121	790	80.00- 120.00	100.00(R)
8.114	8.106 (1.134)		74	22267			30.79- 90.79	60.80
8.114	8.107 (1.134)		213	14193			9.09- 69.09	38.76
91 p-Phenylenediamine						CAS #: 106-50-3		
8.139	8.140 (0.947)		108	76328	30.5103	1680	80.00- 120.00	100.00
8.139	8.140 (0.947)		80	16756			0.00- 51.01	21.95

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
91 p-Phenylenediamine (continued)								
8.139	8.140	(0.947)	53	11118			0.00- 42.73	14.57
92 Phenacetin						CAS #: 62-44-2		
8.139	8.140	(0.947)	109	78267	30.5341	1680	80.00- 120.00	100.00
8.139	8.140	(0.947)	108	76328			70.57- 130.57	97.52
8.140	8.140	(0.947)	179	40243			23.15- 83.15	51.42
93 4-Bromophenylphenylether						CAS #: 101-55-3		
8.150	8.150	(0.949)	248	48395	32.7942	1810	80.00- 120.00	100.00
8.150	8.150	(0.949)	250	47551			67.16- 127.16	98.25
8.150	8.149	(0.949)	141	37540			47.24- 107.24	77.57
94 Hexachlorobenzene						CAS #: 118-74-1		
8.294	8.294	(0.965)	284	52784	31.7503	1750	80.00- 120.00	100.00
8.294	8.293	(0.965)	142	20046			8.61- 68.61	37.98
8.293	8.293	(0.965)	249	16262			1.11- 61.11	30.81
95 Atrazine						CAS #: 1912-24-9		
8.354	8.350	(0.972)	200	36044	27.5107	1520	80.00- 120.00	100.00(a)
8.353	8.350	(0.972)	58	15637			11.21- 71.21	43.38
8.355	8.351	(0.973)	215	18061			21.53- 81.53	50.11
96 Pentachlorophenol						CAS #: 87-86-5		
8.471	8.468	(0.986)	266	38707	36.7638	2030	80.00- 120.00	100.00
8.471	8.469	(0.986)	264	25448			29.62- 89.62	65.75
8.471	8.469	(0.986)	268	25352			31.94- 91.94	65.50
97 Pentachloronitrobenzene						CAS #: 82-68-8		
8.547	8.544	(0.995)	237	24763	32.4925	1790	80.00- 120.00	100.00
8.548	8.544	(0.995)	295	8735			7.36- 67.36	35.27
8.547	8.543	(0.995)	142	15807			37.74- 97.74	63.83
98 4-Aminobiphenyl						CAS #: 92-67-1		
8.413	8.410	(0.979)	169	74878	15.7810	871	80.00- 120.00	100.00
8.413	8.411	(0.979)	168	15749			0.00- 50.97	21.03
8.412	8.410	(0.979)	115	8899			0.00- 41.00	11.89
99 Pronamide						CAS #: 23950-58-5		
8.510	8.508	(0.991)	173	70804	31.2202	1720	80.00- 120.00	100.00
8.510	8.508	(0.991)	175	47054			37.80- 97.80	66.46
8.509	8.508	(0.991)	145	25660			6.63- 66.63	36.24
* 100 Phenanthrene-d10						CAS #: 1517-22-2		
8.591	8.590	(1.000)	188	237881	40.0000		80.00- 120.00	100.00
8.590	8.589	(1.000)	94	23427			0.00- 40.25	9.85
8.590	8.589	(1.000)	80	26026			0.00- 40.32	10.94
101 Phenanthrene						CAS #: 85-01-8		
8.613	8.612	(1.003)	178	216437	33.1918	1830	80.00- 120.00	100.00
8.612	8.612	(1.003)	179	33313			0.00- 45.34	15.39
8.613	8.612	(1.003)	176	42215			0.00- 49.07	19.50

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
102 Dinoseb							CAS #: 88-85-7	
8.653	8.648	(1.007)	211	38328	31.1994	1720	80.00- 120.00	100.00
8.653	8.648	(1.007)	163	17439			15.42- 75.42	45.50
8.652	8.648	(1.007)	117	10649			0.00- 58.32	27.79
103 Anthracene							CAS #: 120-12-7	
8.656	8.656	(1.008)	178	214215	36.9079	2040	80.00- 120.00	100.00
8.656	8.656	(1.008)	179	33085			0.00- 45.11	15.45
8.656	8.656	(1.008)	176	41107			0.00- 48.47	19.19
104 Carbazole							CAS #: 86-74-8	
8.818	8.817	(1.027)	167	193414	33.6108	1860	80.00- 120.00	100.00
8.818	8.817	(1.026)	139	26309			0.00- 43.52	13.60
8.818	8.817	(1.026)	83	17091			0.00- 38.77	8.84
105 Di-n-butylphthalate							CAS #: 84-74-2	
9.214	9.213	(1.073)	149	265441	34.1580	1880	80.00- 120.00	100.00
9.214	9.213	(1.073)	150	23696			0.00- 39.15	8.93
9.214	9.213	(1.073)	104	17336			0.00- 36.36	6.53
106 4-Nitroquinoline-1-oxide							CAS #: 56-57-5	
9.391	9.383	(1.093)	174	1974	23.4227	1290	80.00- 120.00	100.00(Q)
9.392	9.391	(1.093)	128	4026			153.29- 213.29	203.92
9.392	9.391	(1.093)	101	5911			205.11- 265.11	299.39
107 Methapyrilene							CAS #: 91-80-5	
9.493	9.492	(1.105)	97	7102	6.12239	338	80.00- 120.00	100.00(QM)
9.493	9.492	(1.105)	58	8822			94.06- 154.06	124.23
9.495	9.492	(1.105)	191	1445			80.03- 140.03	20.35
108 Isodrin							CAS #: 465-73-6	
9.655	9.650	(1.124)	193	27585	32.4797	1790	80.00- 120.00	100.00
9.653	9.650	(1.124)	66	21373			60.69- 120.69	77.48
9.655	9.650	(1.124)	195	24618			56.15- 116.15	89.24
109 Fluoranthene							CAS #: 206-44-0	
9.784	9.784	(1.139)	202	255835	35.8131	1980	80.00- 120.00	100.00
9.784	9.784	(1.139)	101	27680			0.00- 41.05	10.82
9.784	9.784	(1.139)	203	43097			0.00- 47.10	16.85
111 Pyrene							CAS #: 129-00-0	
10.003	10.003	(0.893)	202	255195	33.6139	1860	80.00- 120.00	100.00
10.004	10.003	(0.893)	200	52897			0.00- 50.24	20.73
10.003	10.003	(0.893)	203	44790			0.00- 47.31	17.55
$ 112 Terphenyl-d14 (SURR)							CAS #: 1718-51-0	
10.166	10.165	(0.908)	244	190970	32.3732	1790	80.00- 120.00	100.00
10.165	10.165	(0.908)	122	19622			0.00- 40.22	10.27
10.166	10.165	(0.908)	212	15543			0.00- 38.02	8.14
113 Aramite							CAS #: 140-57-8	
10.246	10.238	(0.915)	185	26713	23.5315	1300	80.00- 120.00	100.00(M)
10.246	10.166	(0.915)	191	13296			16.01- 76.01	49.77

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
	113 Aramite (continued)							
10.174	10.166	(0.908)	319	6236			0.00- 57.21	23.34
	114 p-Dimethylamino azobenzene					CAS #: 60-11-7		
10.320	10.317	(0.921)	225	51538	27.8563	1540	80.00- 120.00	100.00
10.320	10.317	(0.921)	120	69150			97.92- 157.92	134.17
10.319	10.317	(0.921)	77	47527			59.27- 119.27	92.22
	115 Chlorobenzilate					CAS #: 510-15-6		
10.373	10.370	(0.926)	251	75753	29.3305	1620	80.00- 120.00	100.00
10.373	10.370	(0.926)	253	49108			33.29- 93.29	64.83
10.372	10.370	(0.926)	139	86164			80.53- 140.53	113.74
	116 Kepone					CAS #: 143-50-0		
10.682	10.674	(0.954)	272	17840	24.2698	1340	80.00- 120.00	100.00
10.683	10.671	(0.954)	274	14929			41.90- 101.90	83.69
10.682	10.671	(0.954)	237	8846			14.83- 74.83	49.59
	117 3,3-Dimethylbenzidine					CAS #: 119-93-7		
10.643	10.639	(0.950)	212	17896	3.90258	215	80.00- 120.00	100.00(R)
10.642	10.638	(0.950)	106	1753			0.00- 39.45	9.80
10.643	10.638	(0.950)	180	1414			0.00- 37.73	7.90
	118 Butylbenzylphthalate					CAS #: 85-68-7		
10.679	10.676	(0.953)	149	132939	36.5011	2010	80.00- 120.00	100.00
10.678	10.676	(0.953)	91	99796			45.70- 105.70	75.07
10.679	10.677	(0.953)	206	29086			0.00- 52.77	21.88
	119 2-Acetylaminofluorene					CAS #: 53-96-3		
10.909	10.904	(0.974)	181	111753	30.6675	1690	80.00- 120.00	100.00
10.910	10.904	(0.974)	223	60854			26.67- 86.67	54.45
10.910	10.904	(0.974)	180	87183			48.93- 108.93	78.01
	120 Benzo[a]anthracene					CAS #: 56-55-3		
11.182	11.182	(0.998)	228	265940	35.4220	1960	80.00- 120.00	100.00
11.182	11.182	(0.998)	229	54189			0.00- 49.45	20.38
11.182	11.183	(0.998)	226	74000			0.00- 56.42	27.83
	* 121 Chrysene-d12					CAS #: 1719-03-5		
11.200	11.192	(1.000)	240	286872	40.0000		80.00- 120.00	100.00
11.199	11.192	(1.000)	120	27327			0.00- 39.71	9.53
11.200	11.192	(1.000)	236	72766			0.00- 54.77	25.37
	122 3,3'-Dichlorobenzidine					CAS #: 91-94-1		
11.170	11.164	(0.997)	252	155408	51.5003	2840	80.00- 120.00	100.00
11.170	11.164	(0.997)	254	99039			33.67- 93.67	63.73
11.169	11.164	(0.997)	126	18648			0.00- 41.62	12.00
	123 Chrysene					CAS #: 218-01-9		
11.224	11.225	(1.002)	228	256985	34.7101	1920	80.00- 120.00	100.00
11.224	11.224	(1.002)	226	75181			0.00- 59.53	29.26
11.224	11.224	(1.002)	229	50124			0.00- 49.53	19.50

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
124 Bis-2-Ethylhexylphthalate						CAS #: 117-81-7		
11.261	11.260	(1.005)	149	197105	39.2382	2170	80.00- 120.00	100.00
11.262	11.260	(1.005)	167	59758			0.00- 59.57	30.32
11.262	11.261	(1.006)	279	15060			0.00- 37.60	7.64
125 Di-n-octylphthalate						CAS #: 117-84-0		
11.828	11.826	(0.945)	149	313920	31.5703	1740	80.00- 120.00	100.00
11.827	11.825	(0.945)	167	4741			0.00- 31.64	1.51
11.827	11.825	(0.945)	43	30908			0.00- 38.30	9.85
126 7,12-Dimethylbenz(a)anthracen						CAS #: 57-97-6		
12.198	12.189	(0.974)	256	93723	25.6380	1420	80.00- 120.00	100.00
12.198	12.189	(0.974)	241	51975			25.35- 85.35	55.46
12.198	12.189	(0.974)	239	44678			15.82- 75.82	47.67
127 Benzo[b]fluoranthene						CAS #: 205-99-2		
12.190	12.190	(0.974)	252	309740	39.3098	2170	80.00- 120.00	100.00(M)
12.207	12.190	(0.975)	253	126882			0.00- 52.61	40.96
12.206	12.182	(0.975)	125	51276			0.00- 38.58	16.55
128 Benzo[k]fluoranthene						CAS #: 207-08-9		
12.206	12.206	(0.975)	252	308150	34.9566	1930	80.00- 120.00	100.00(M)
12.207	12.206	(0.975)	253	126883			0.00- 50.90	41.18
12.206	12.206	(0.975)	125	51276			0.00- 37.20	16.64
129 Benzo[a]pyrene						CAS #: 50-32-8		
12.468	12.468	(0.996)	252	243903	33.7934	1860	80.00- 120.00	100.00(M)
12.468	12.468	(0.996)	253	56213			0.00- 53.21	23.05
12.468	12.468	(0.996)	125	23589			0.00- 39.15	9.67
* 130 Perylene-d12						CAS #: 1520-96-3		
12.521	12.511	(1.000)	264	276548	40.0000		80.00- 120.00	100.00
12.521	12.511	(1.000)	260	61183			0.00- 52.17	22.12
12.521	12.511	(1.000)	265	60015			0.00- 51.14	21.70
131 3-Methylcholanthrene						CAS #: 56-49-5		
12.806	12.798	(1.023)	268	126240	47.5653	2620	80.00- 120.00	100.00
12.806	12.798	(1.023)	252	53906			12.74- 72.74	42.70
12.806	12.798	(1.023)	253	46884			7.80- 67.80	37.14
132 Dibenz(a,j)acridine						CAS #: 224-42-0		
13.351	13.342	(1.066)	279	172428	29.7817	1640	80.00- 120.00	100.00
13.350	13.342	(1.066)	280	40241			0.00- 52.58	23.34
13.351	13.341	(1.066)	277	25916			0.00- 44.34	15.03
133 Indeno[1,2,3-cd]pyrene						CAS #: 193-39-5		
13.554	13.550	(1.082)	276	286350	35.3487	1950	80.00- 120.00	100.00
13.555	13.552	(1.083)	138	62672			0.00- 52.45	21.89
13.554	13.552	(1.083)	277	75154			0.00- 55.70	26.25
134 Dibenz[a,h]anthracene						CAS #: 53-70-3		
13.558	13.556	(1.083)	278	243727	35.6956	1970	80.00- 120.00	100.00
13.557	13.555	(1.083)	139	33279			0.00- 44.10	13.65

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
134 Dibenz[a,h]anthracene (continued)								
13.558	13.556	(1.083)	279	57721			0.00- 53.58	23.68
135 Benzo[g,h,i]perylene							CAS #: 191-24-2	
13.835	13.832	(1.105)	276	230318	35.7051	1970	80.00- 120.00	100.00
13.835	13.831	(1.105)	138	41432			0.00- 48.69	17.99
13.835	13.832	(1.105)	277	55416			0.00- 53.65	24.06

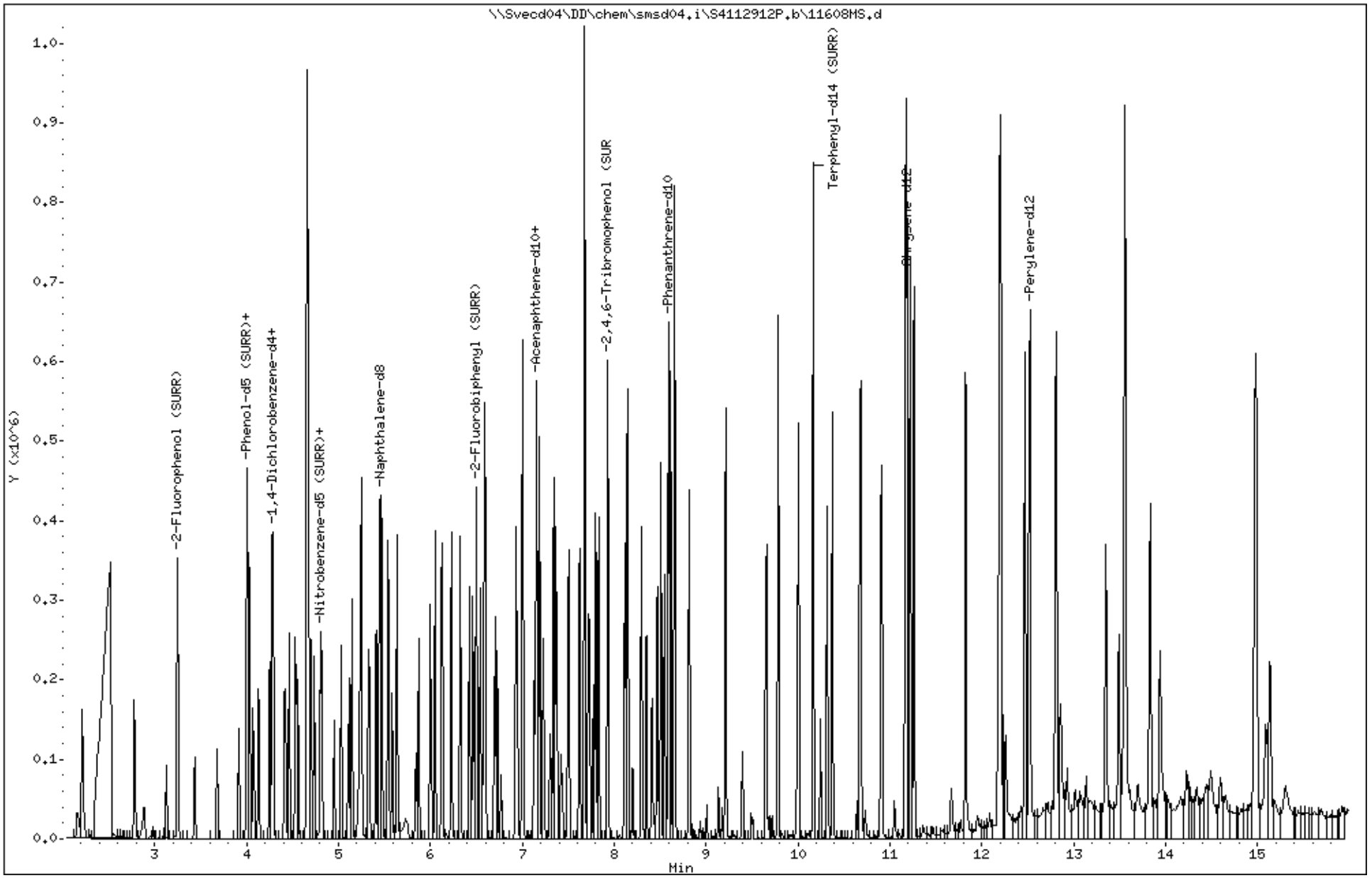
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d
Date : 29-NOV-2012 15:51
Client ID: FM0126C-GS-SPMS
Sample Info: SW154212MS

Instrument: smsd04.i
Operator: MJ
Column diameter: 0.25

Column phase: HPMS-5



Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

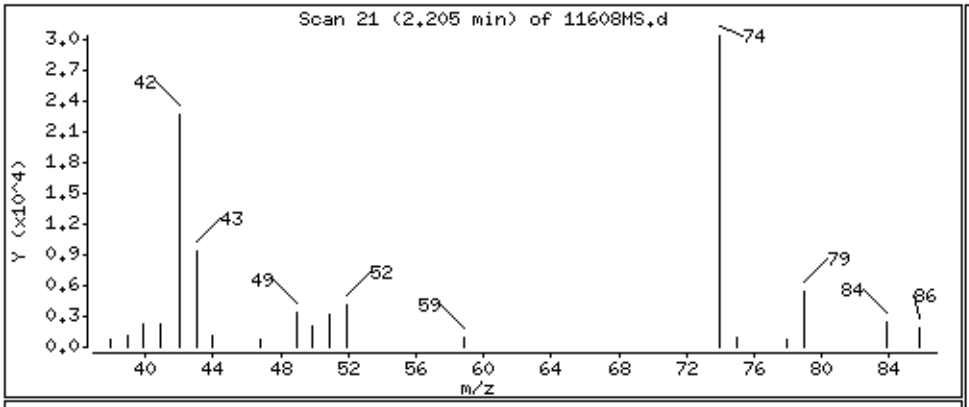
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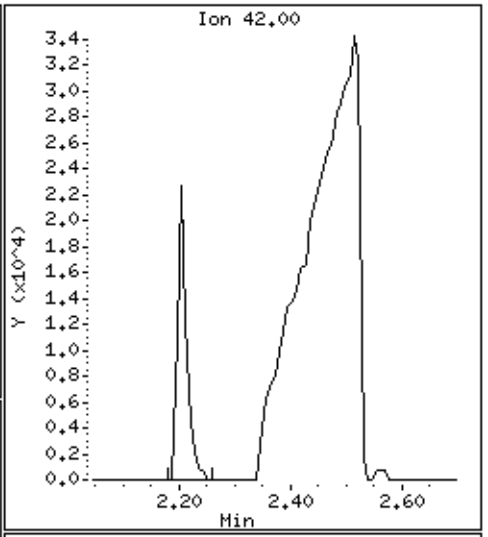
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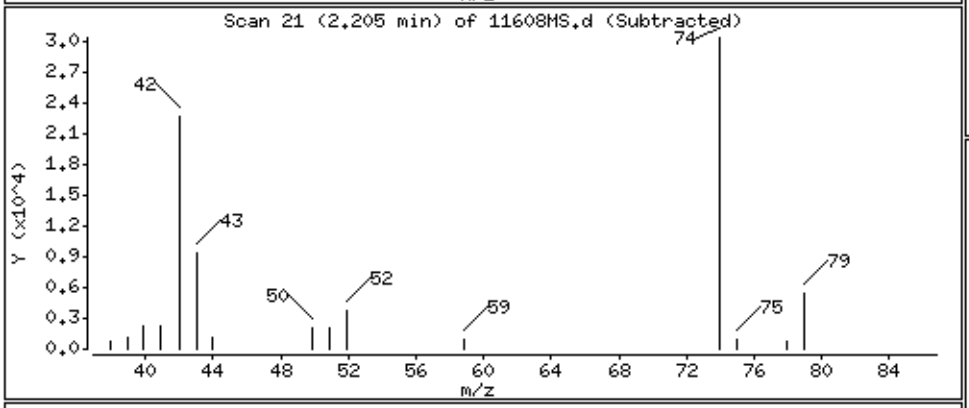
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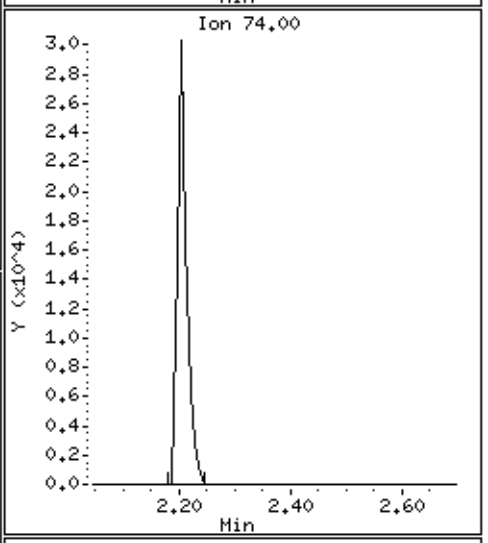
1 N-Nitrosodimethylamine

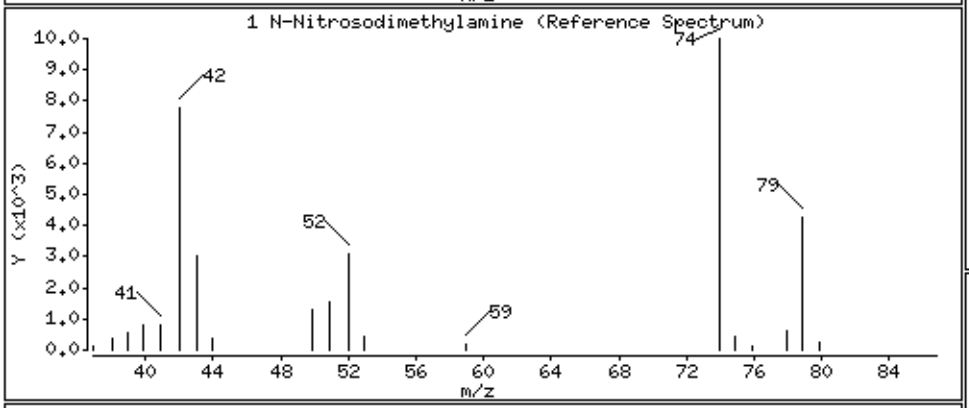
Concentration: 1410 ug/kg

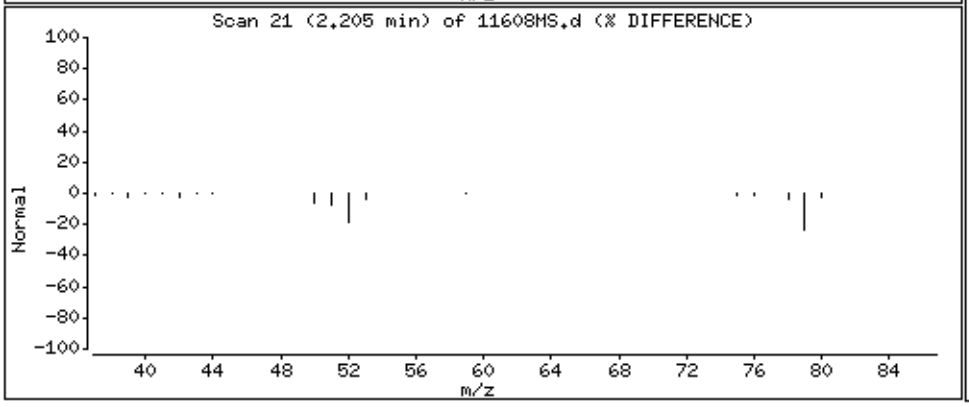


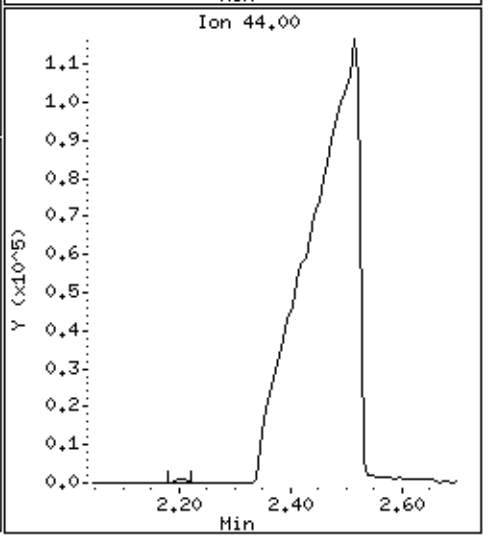












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

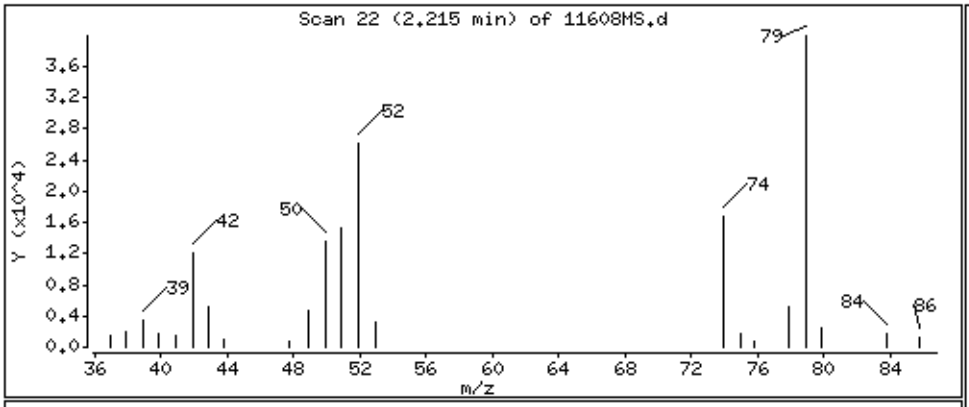
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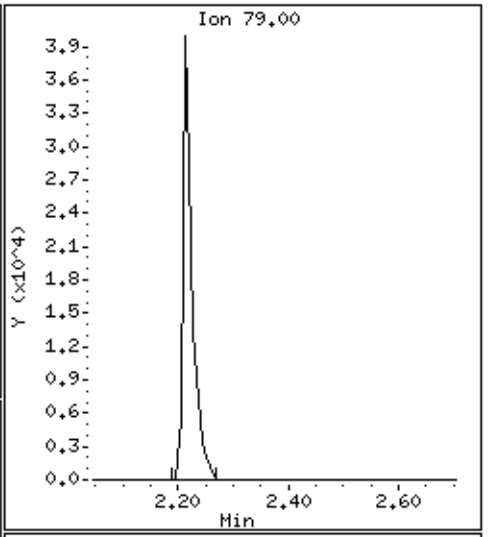
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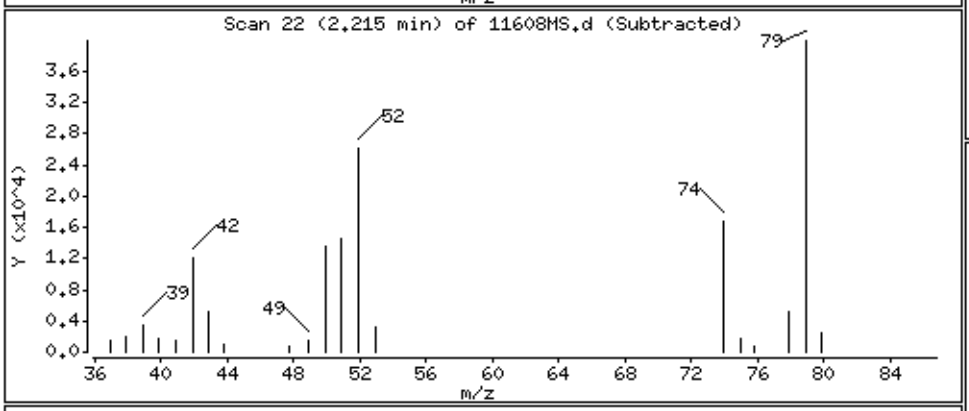
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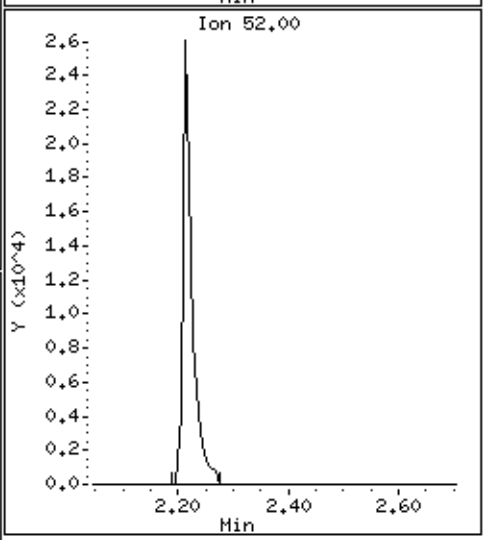
2 Pyridine

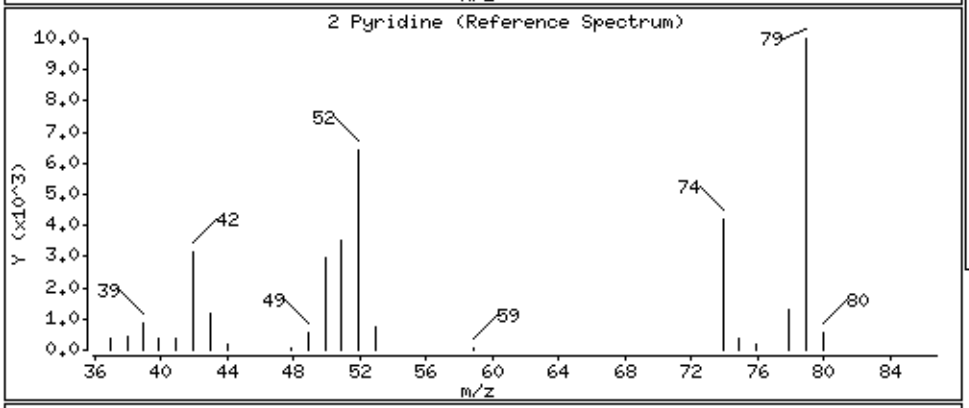
Concentration: 1170 ug/kg

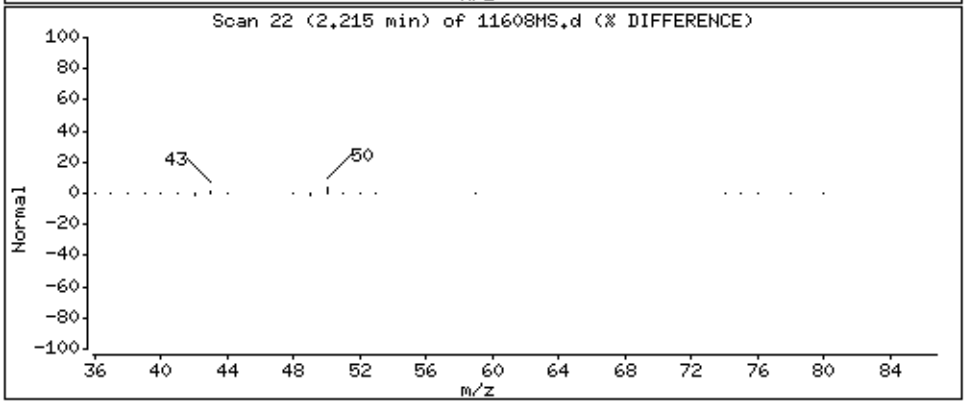












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

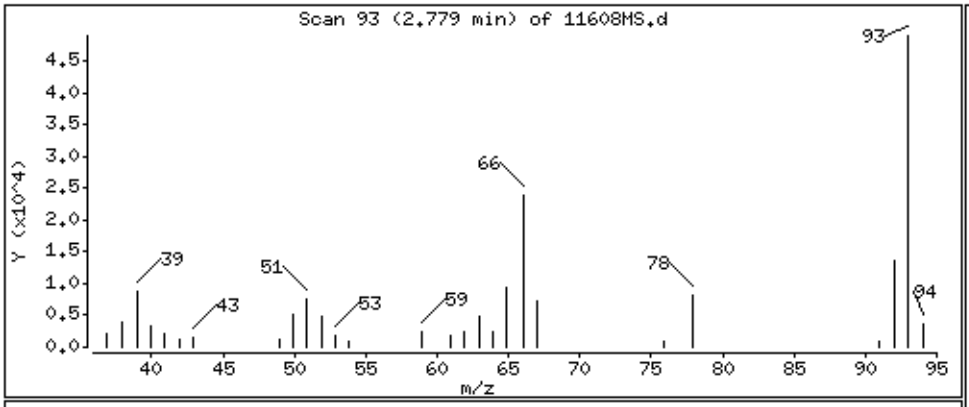
Operator: MJ

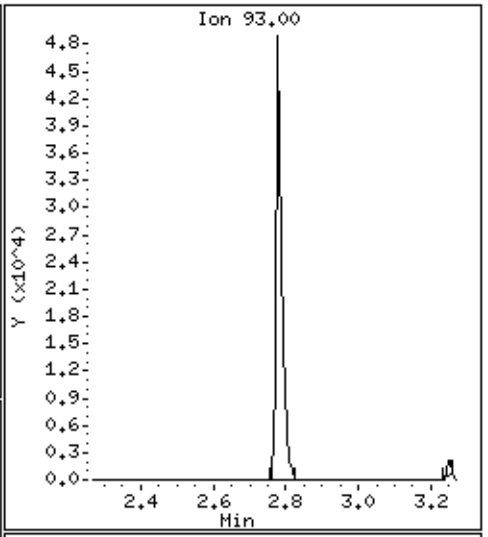
Column phase: HPMS-5

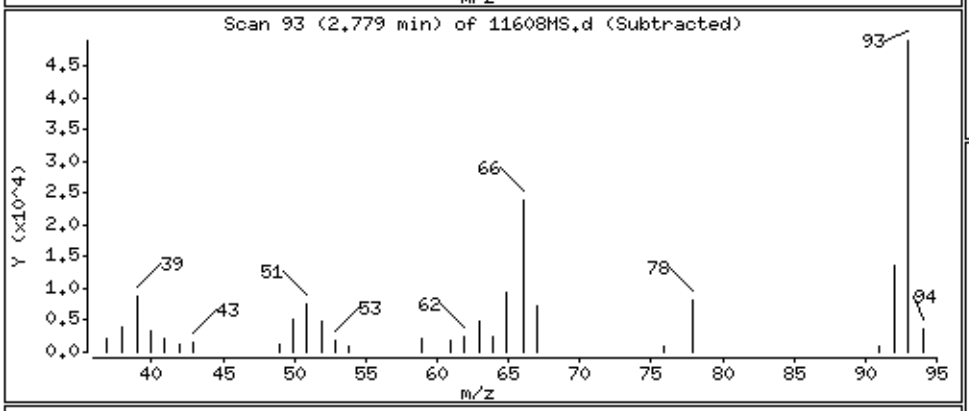
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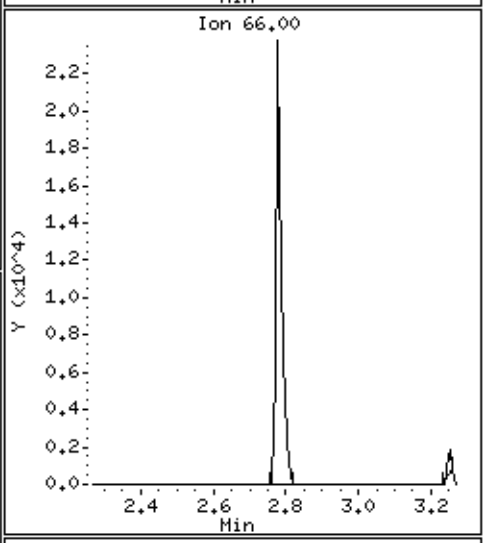
3 2- Picoline

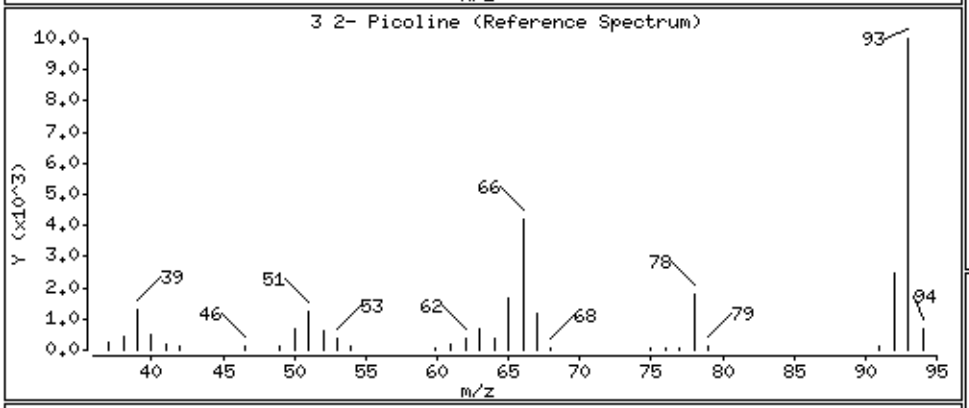
Concentration: 1300 ug/kg

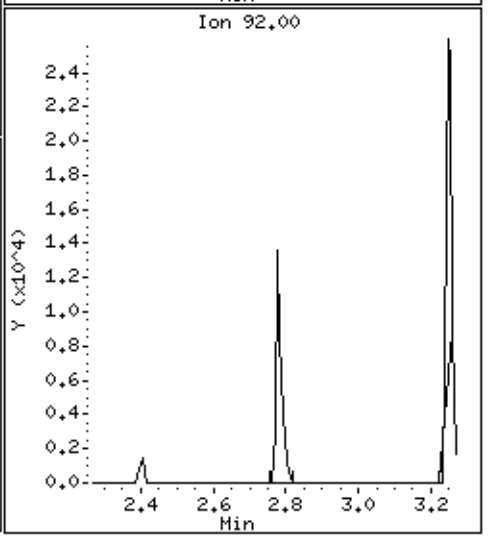


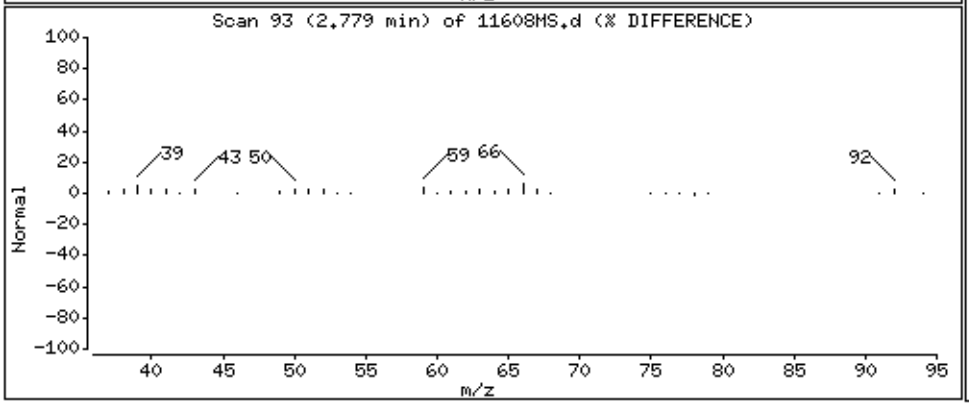












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

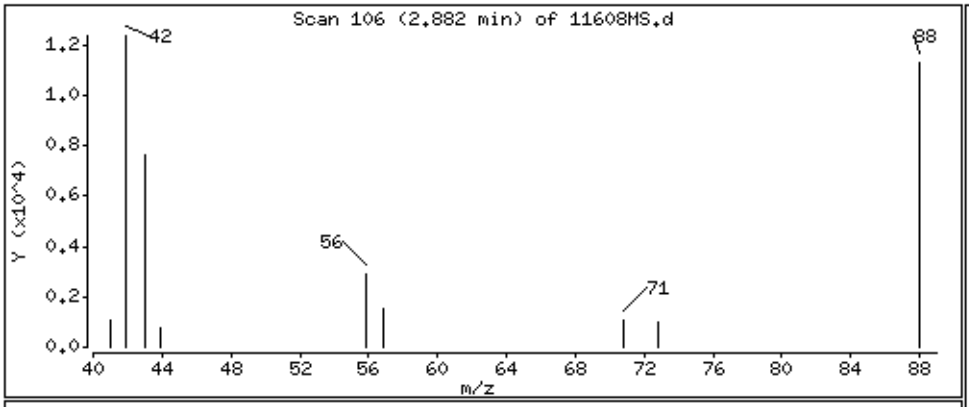
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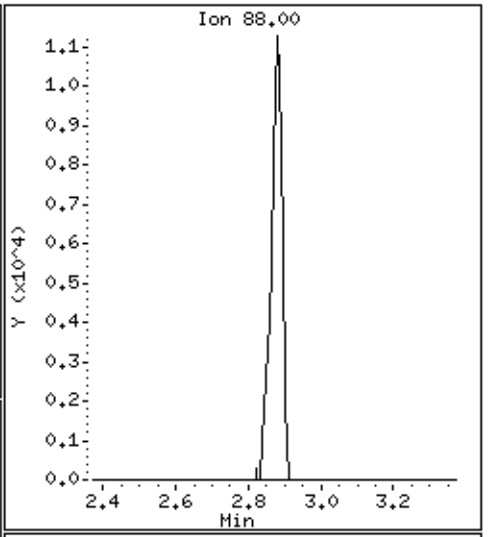
Column phase: HPMS-5

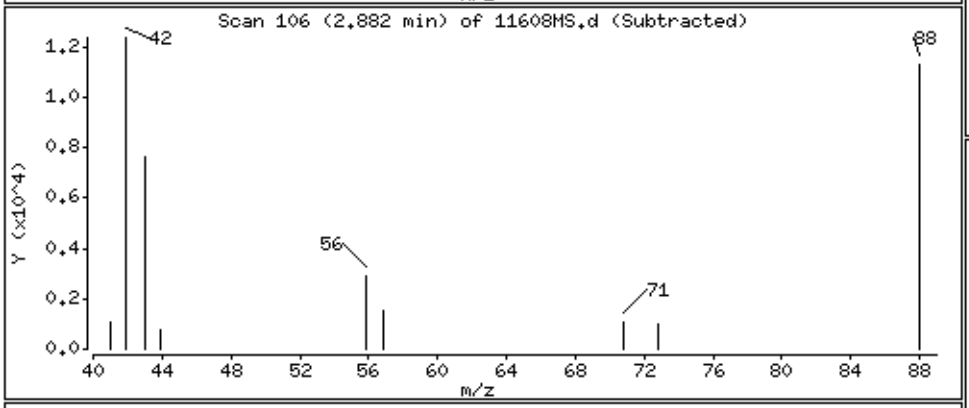
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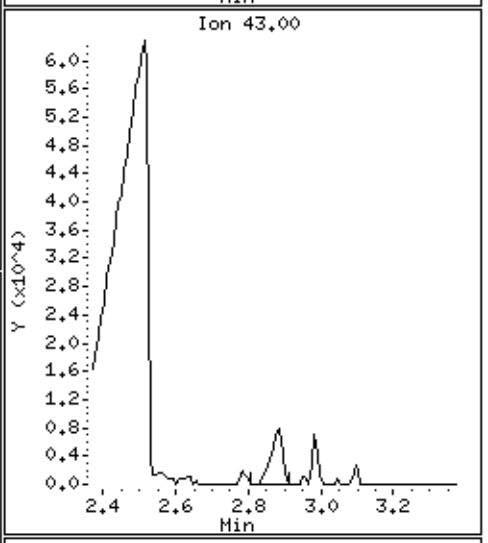
4 N-Nitrosomethylethylamine

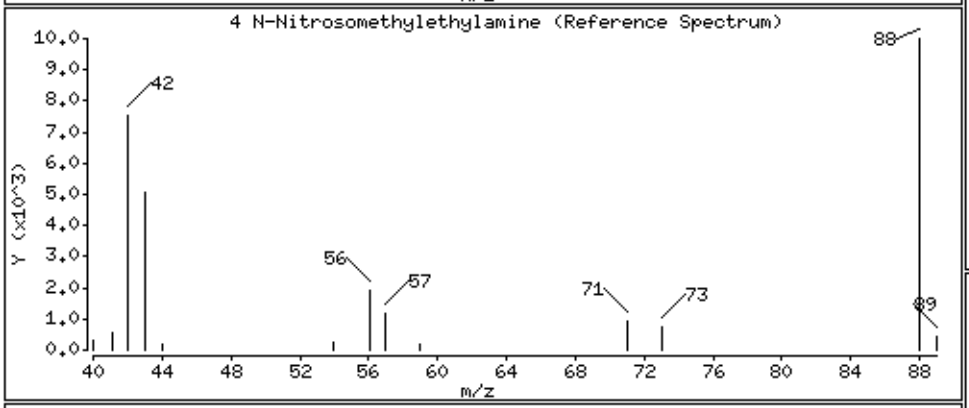
Concentration: 1300 ug/kg

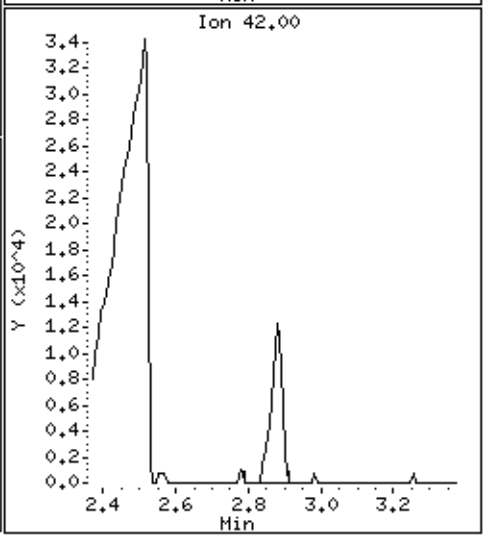


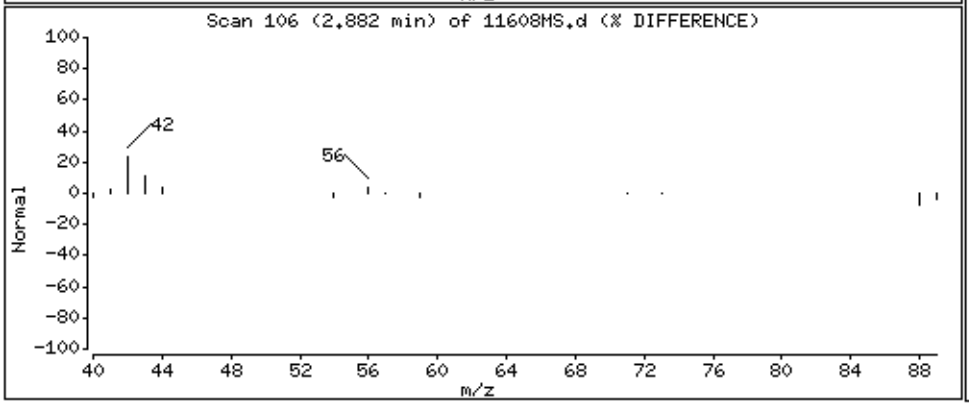












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

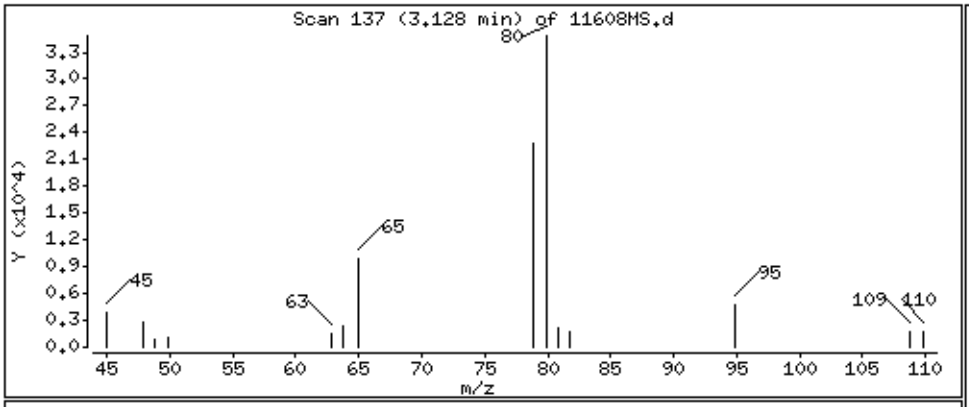
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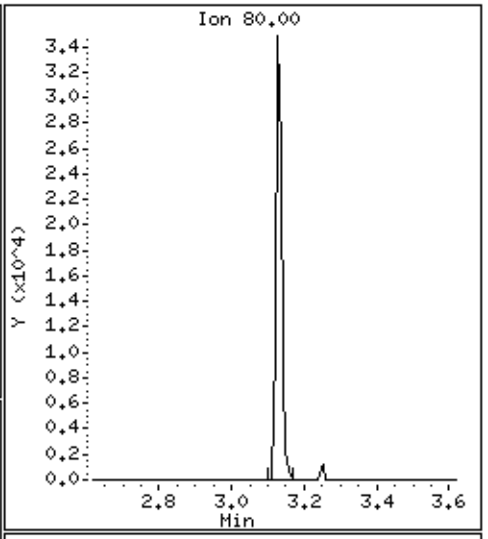
Column phase: HPMS-5

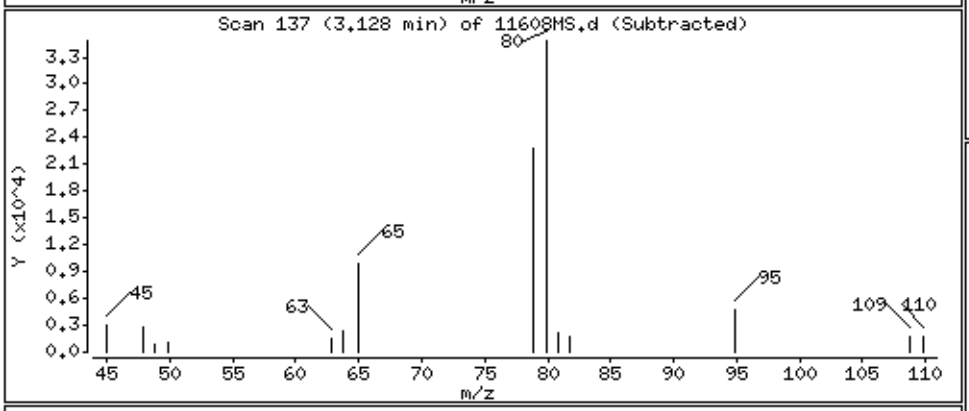
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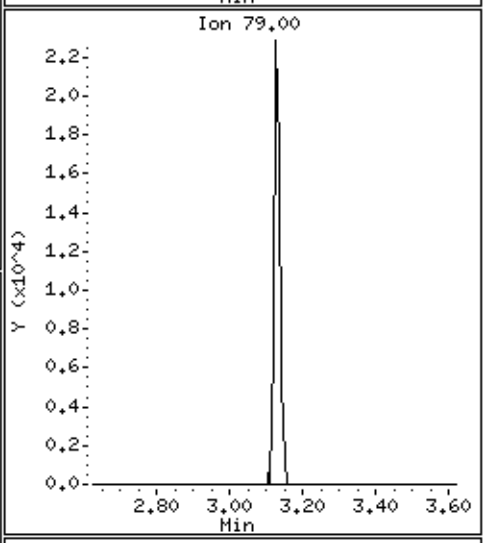
5 Methyl Methanesulfonate

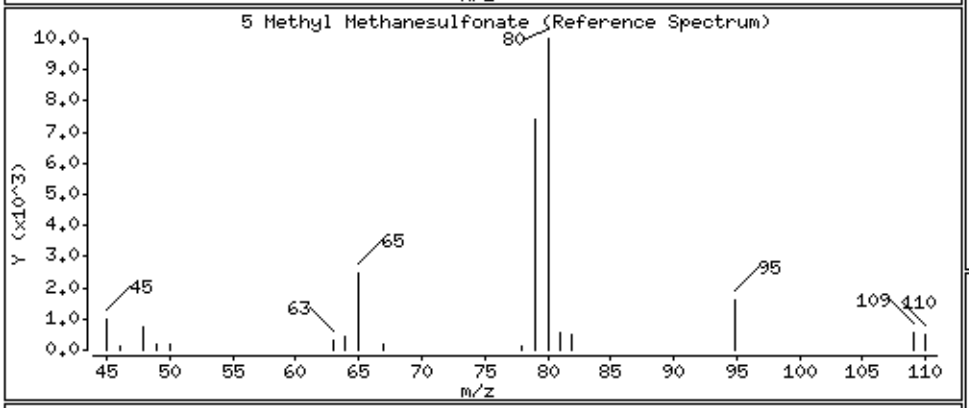
Concentration: 1530 ug/kg

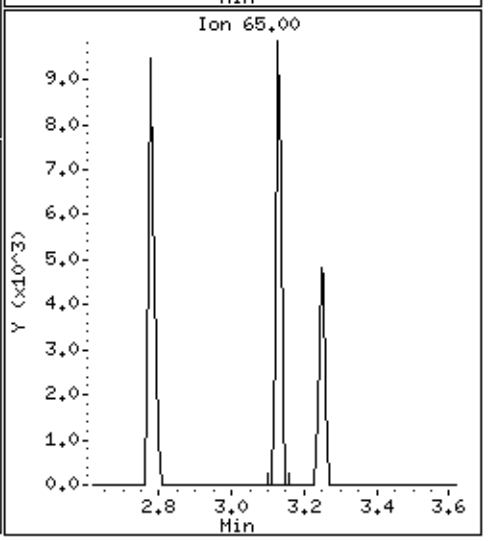


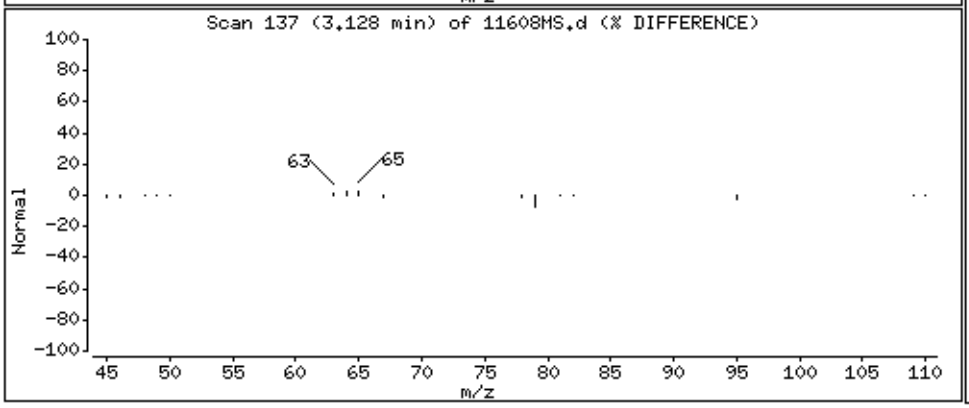












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

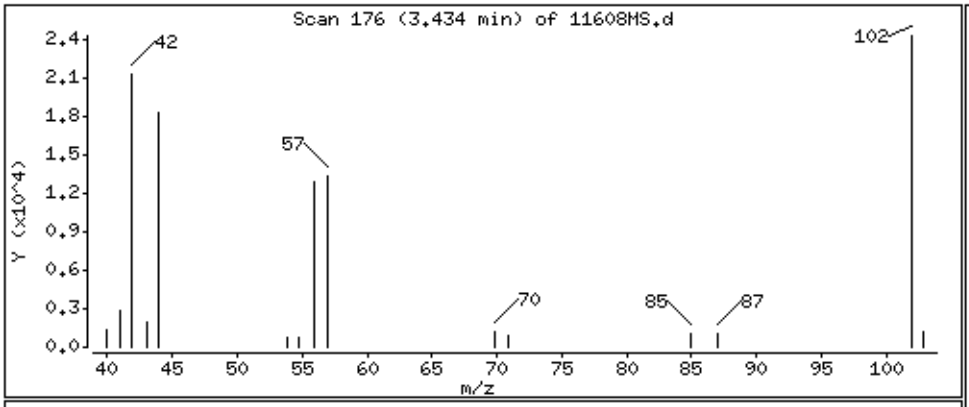
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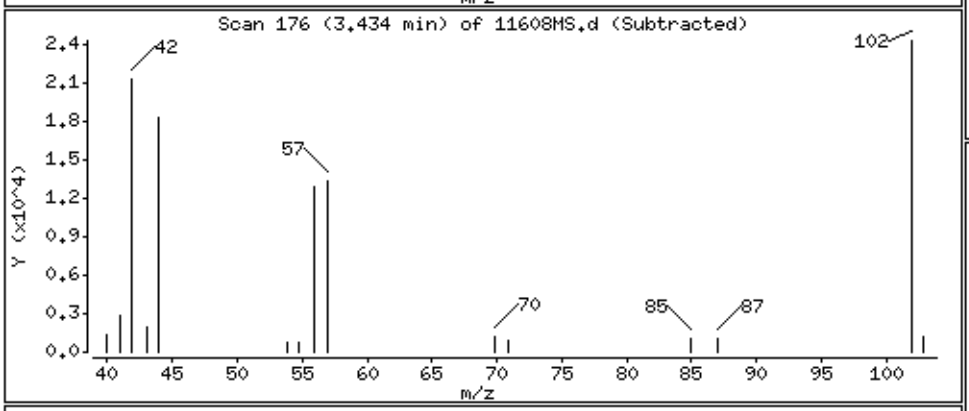
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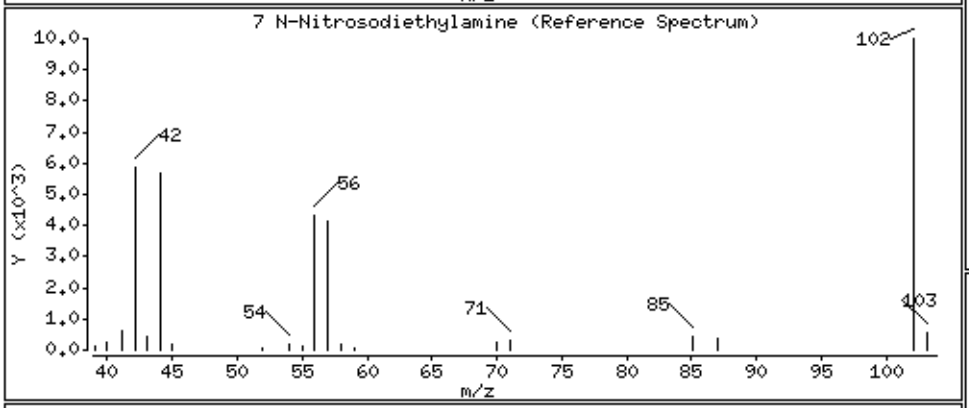
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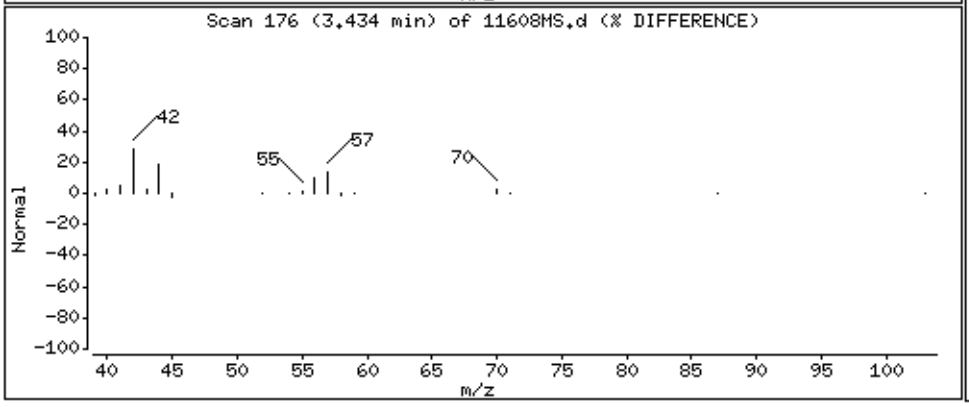
7 N-Nitrosodiethylamine

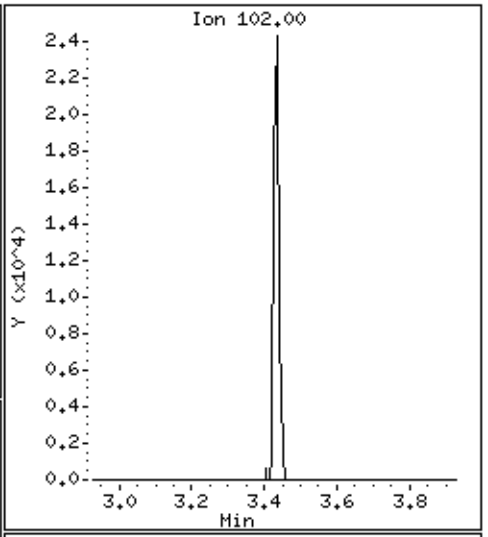
Concentration: 1340 ug/kg

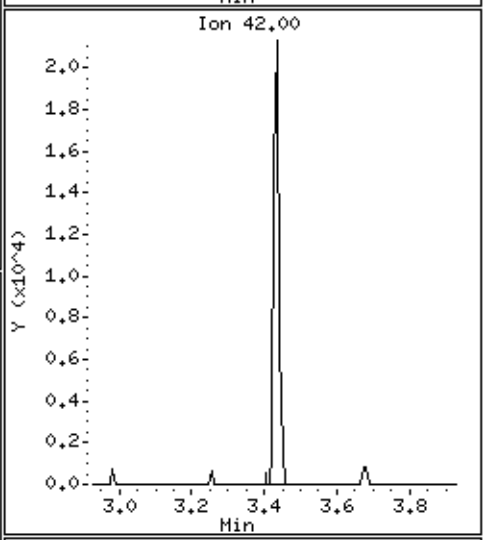


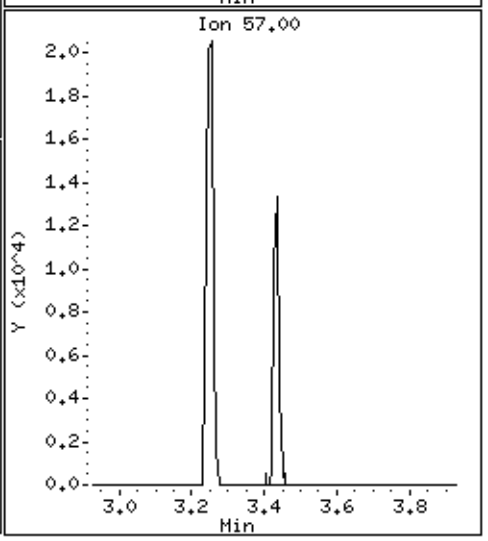












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

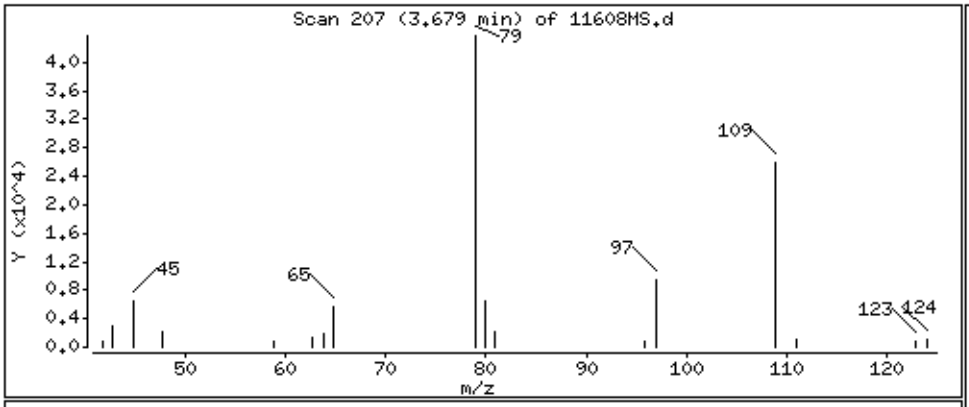
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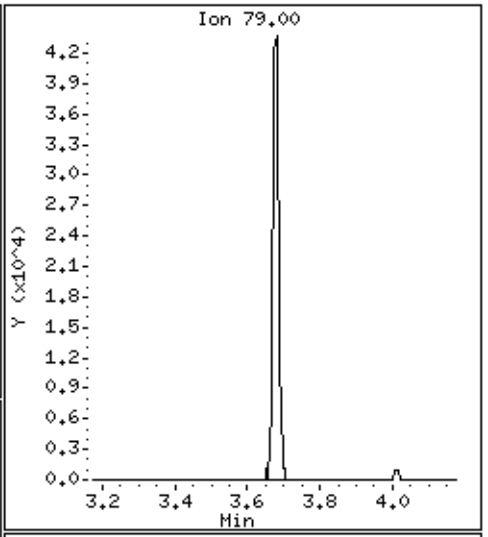
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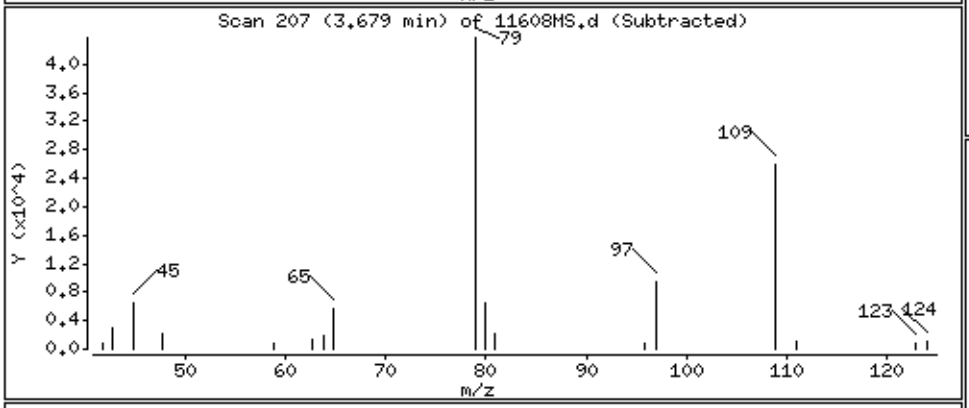
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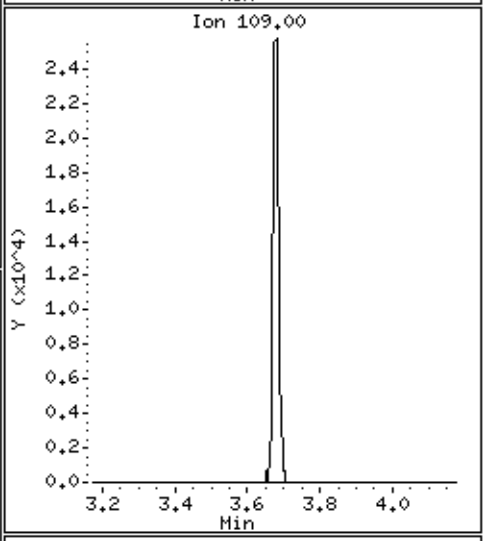
8 Ethyl Methanesulfonate

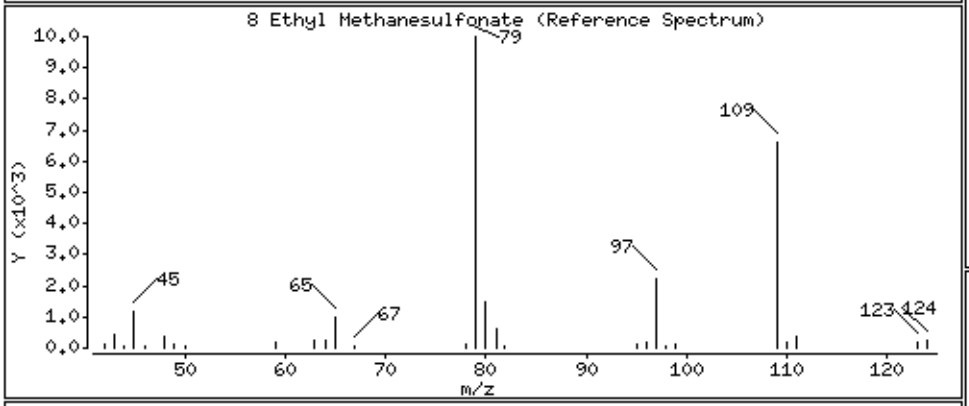
Concentration: 1610 ug/kg

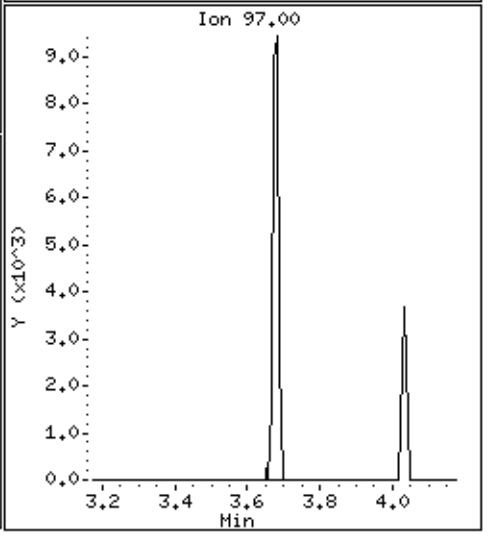


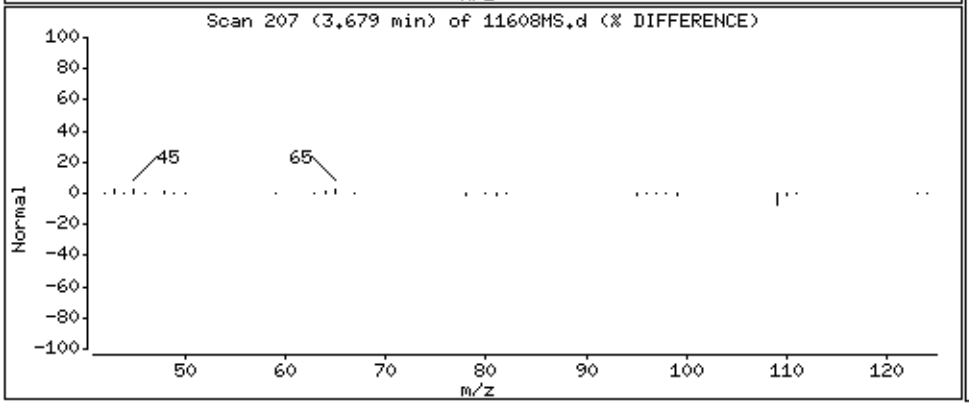












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

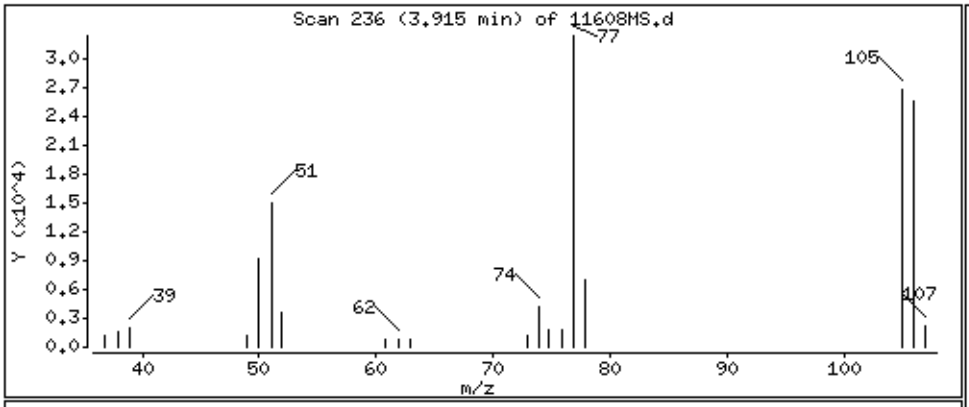
Operator: MJ

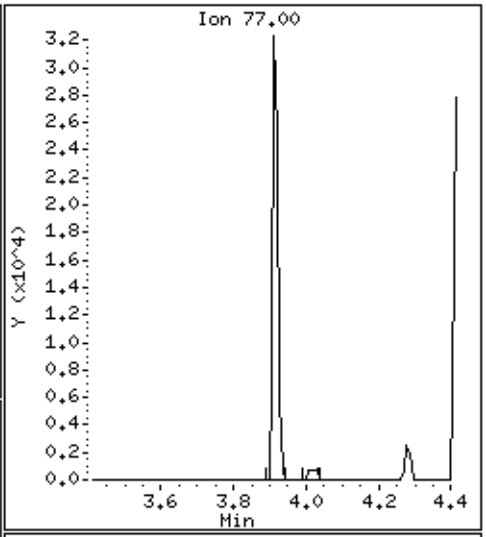
Column phase: HPMS-5

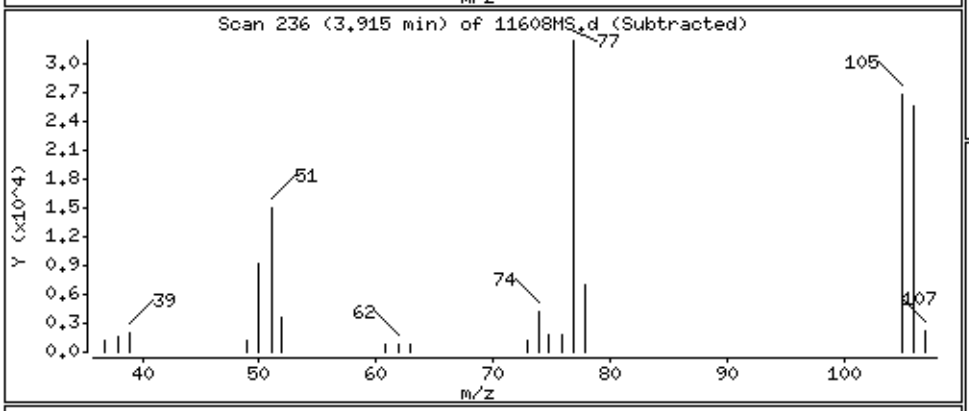
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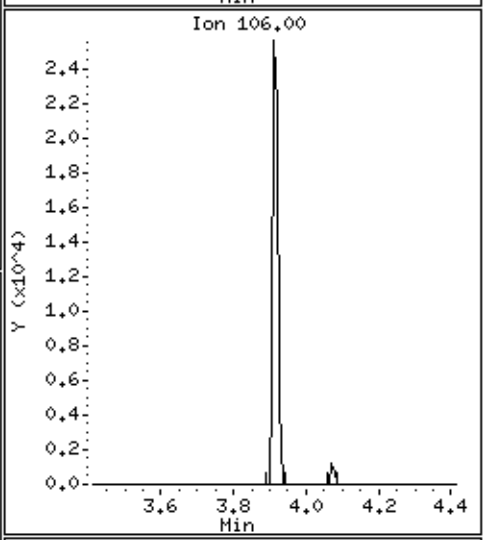
9 Benzaldehyde

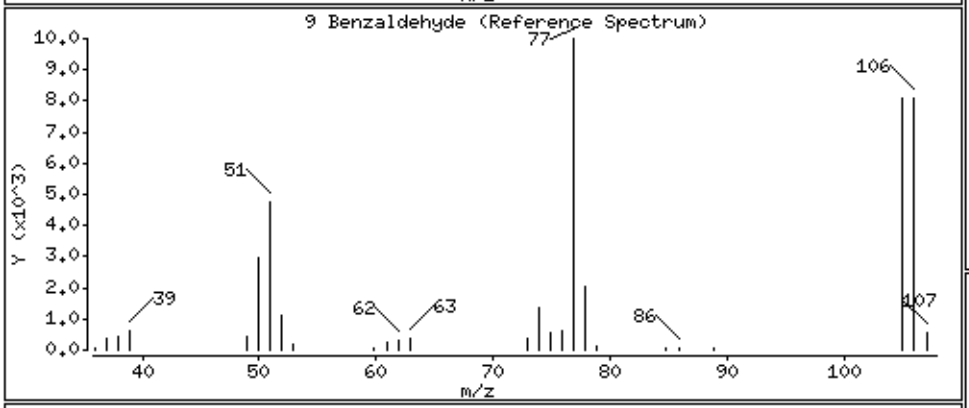
Concentration: 965 ug/kg

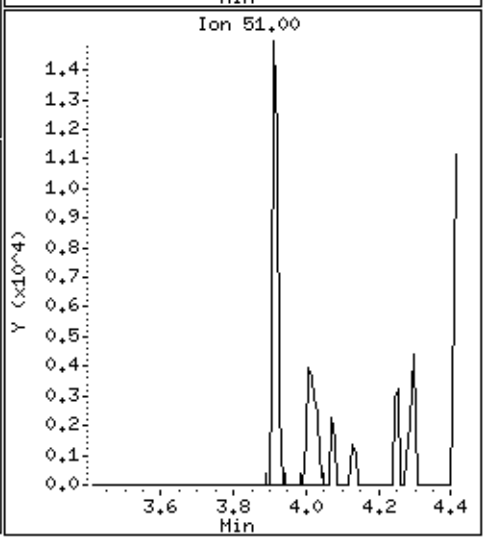


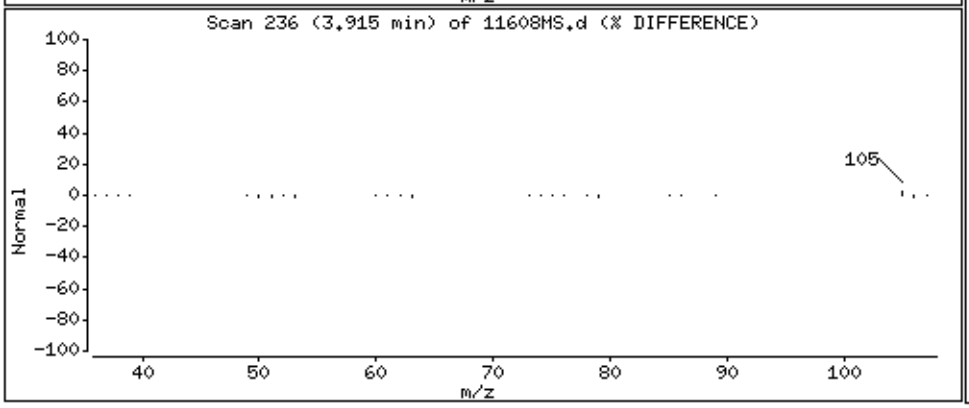












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

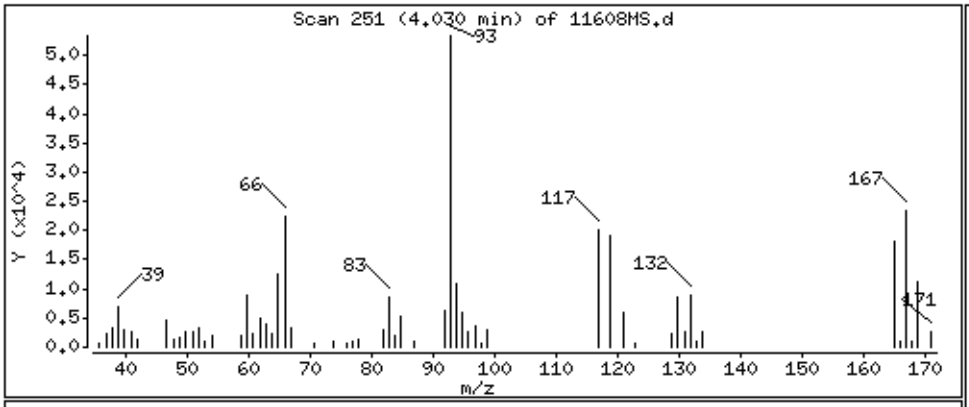
Operator: MJ

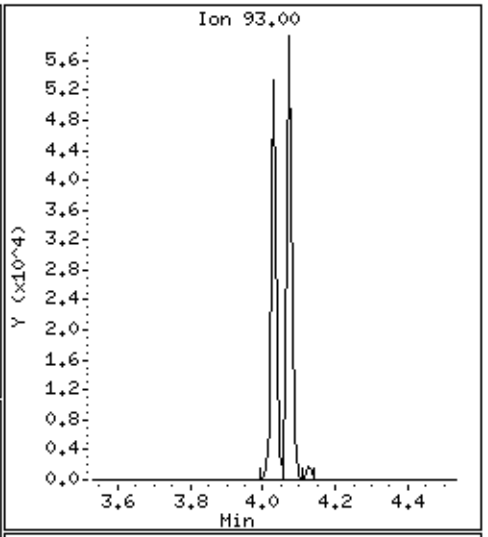
Column phase: HPMS-5

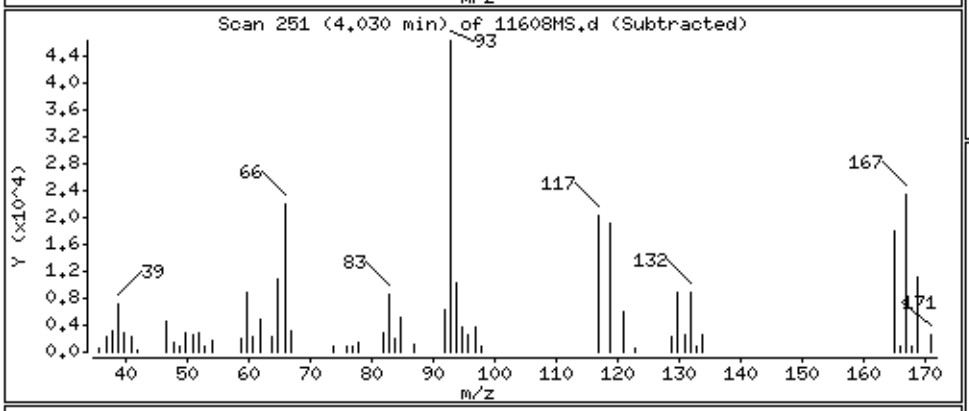
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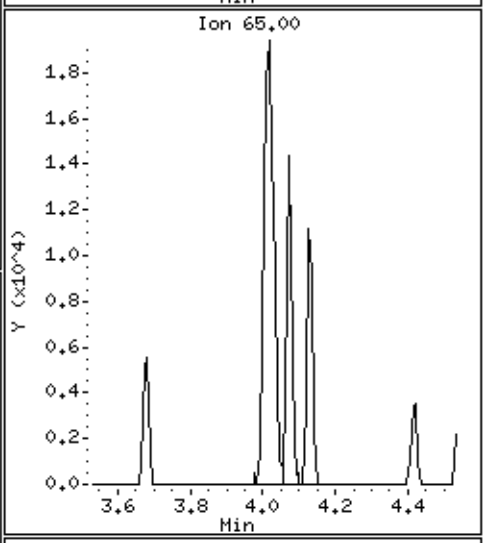
10 Aniline

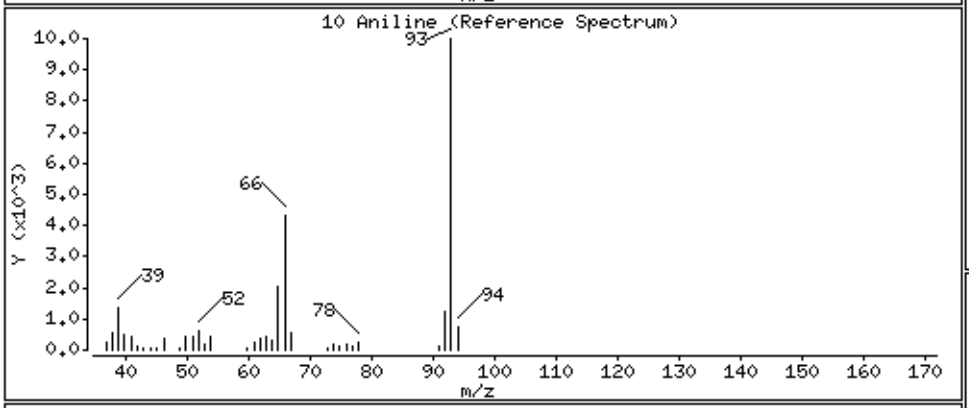
Concentration: 1120 ug/kg

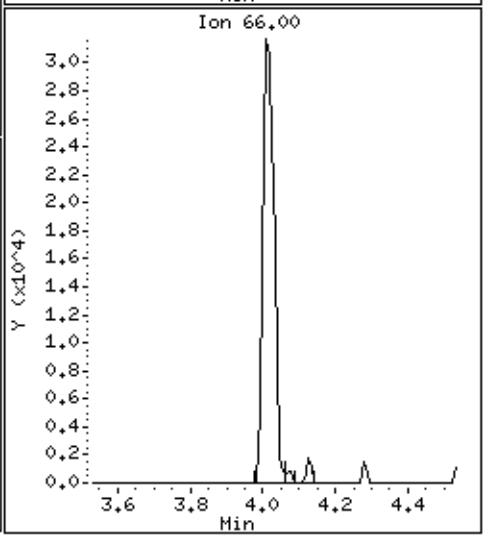


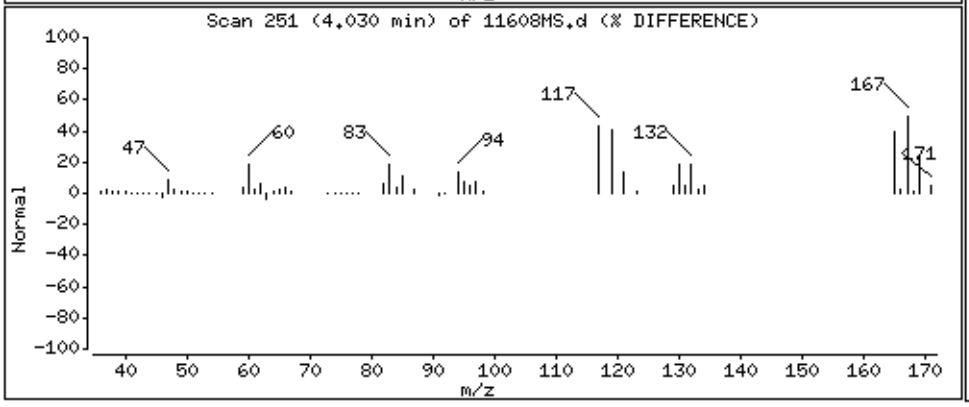












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

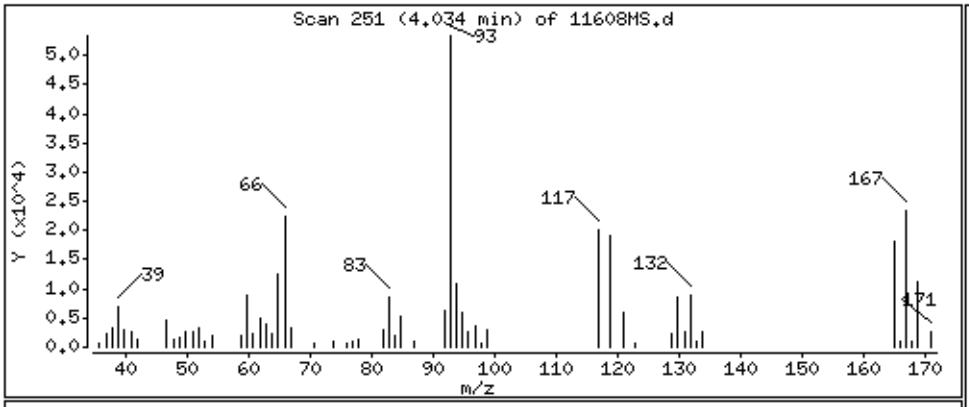
Operator: MJ

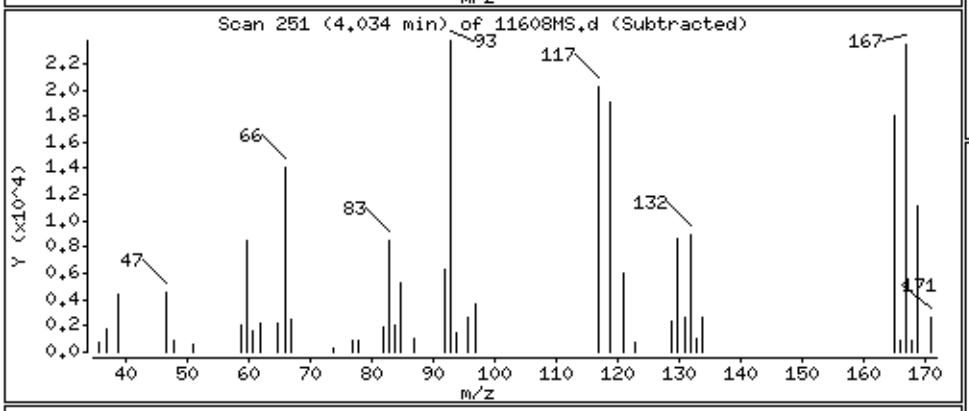
Column phase: HPMS-5

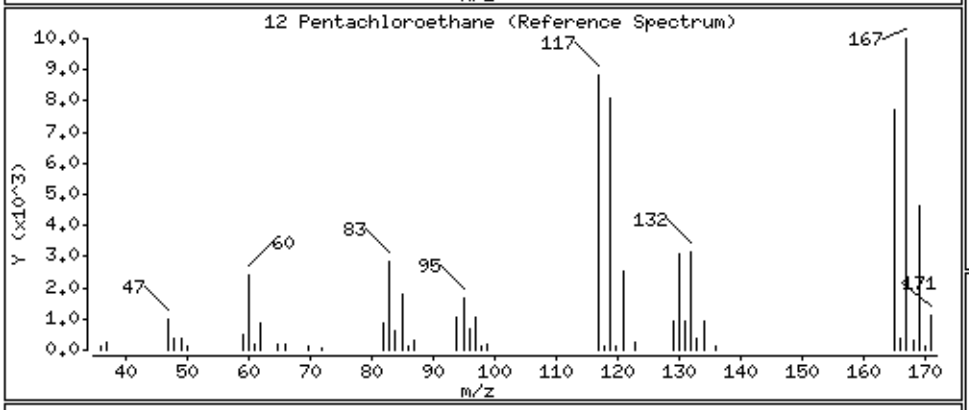
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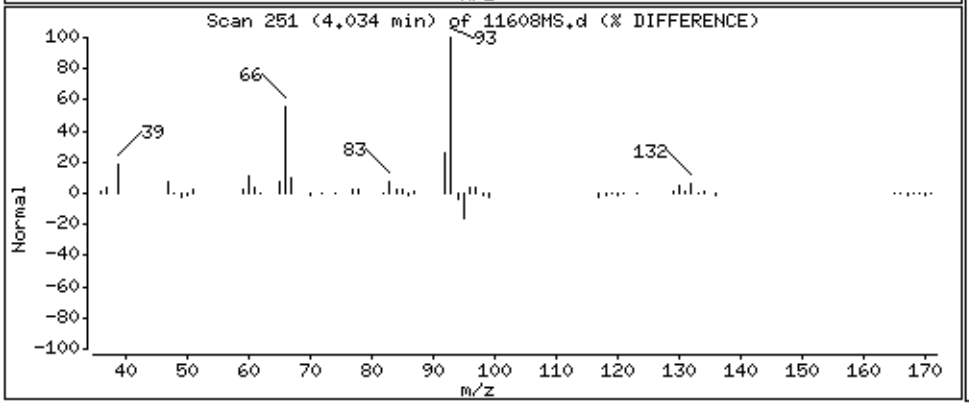
12 Pentachloroethane

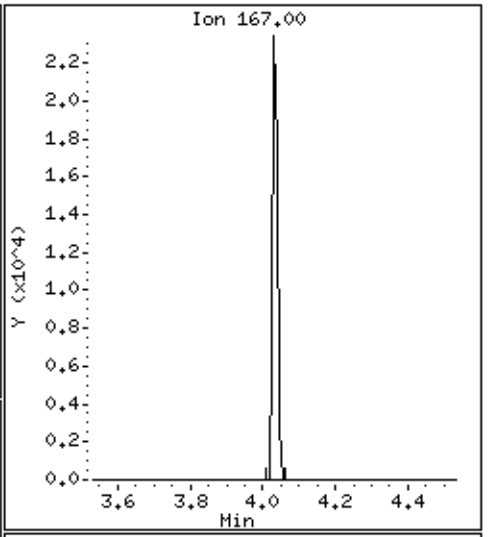
Concentration: 1400 ug/kg

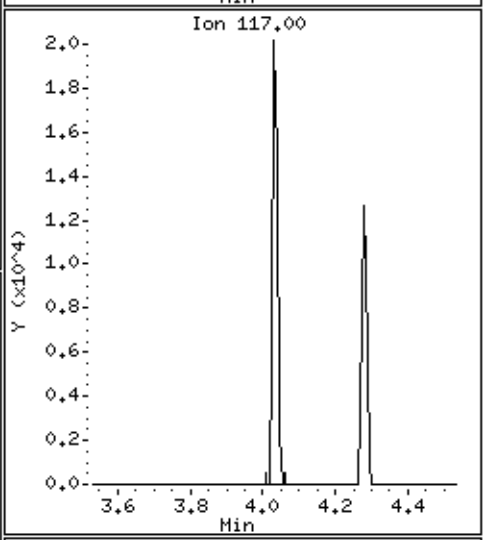


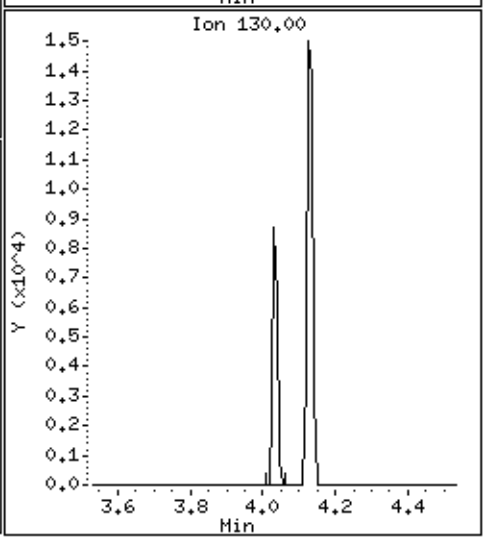












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

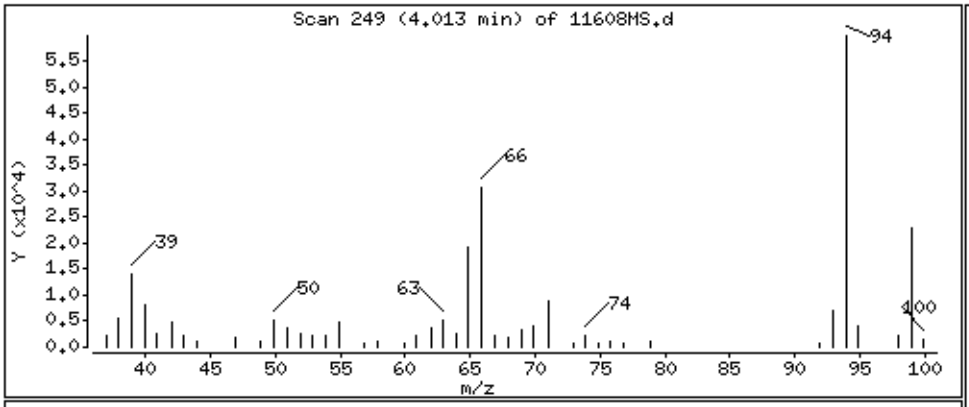
Operator: MJ

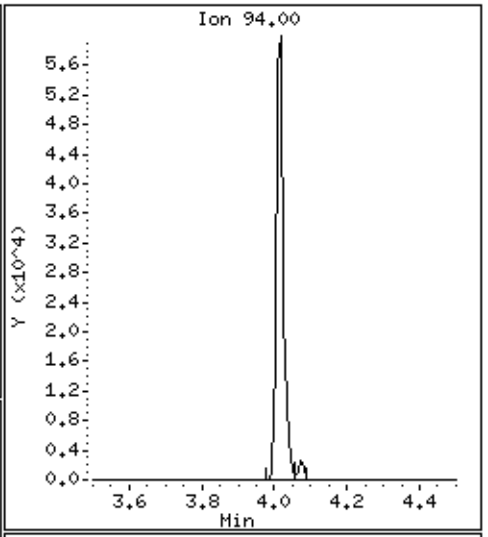
Column phase: HPMS-5

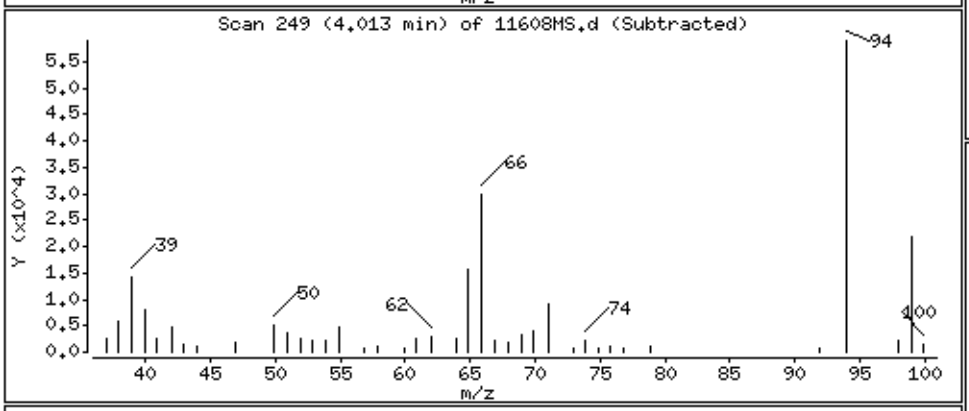
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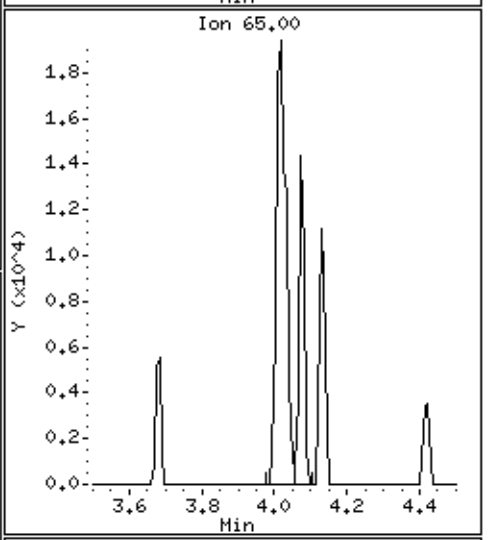
13 Phenol

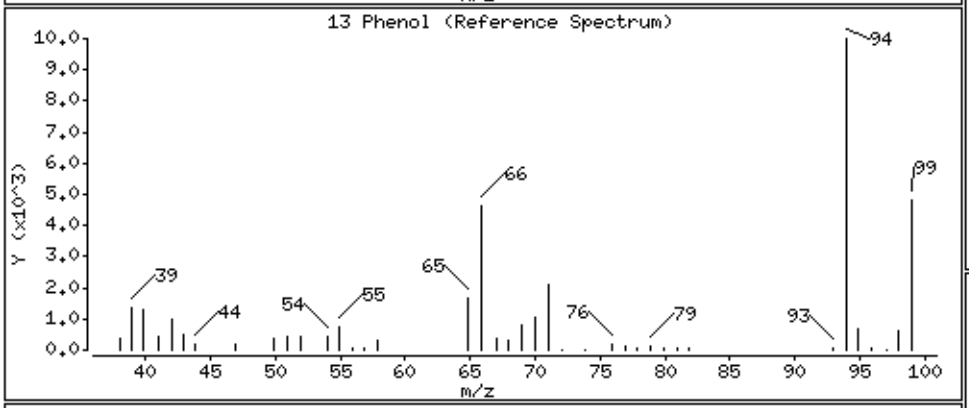
Concentration: 1590 ug/kg

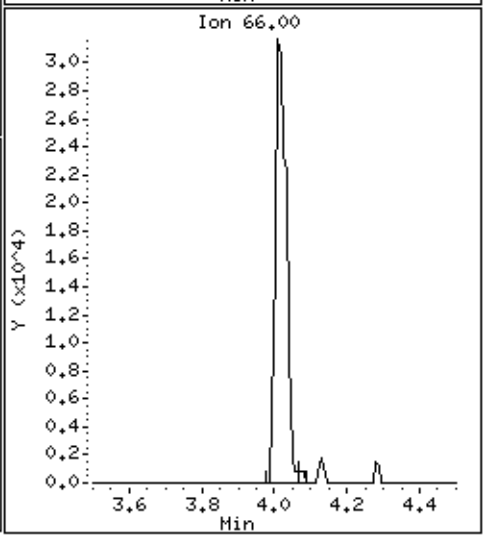


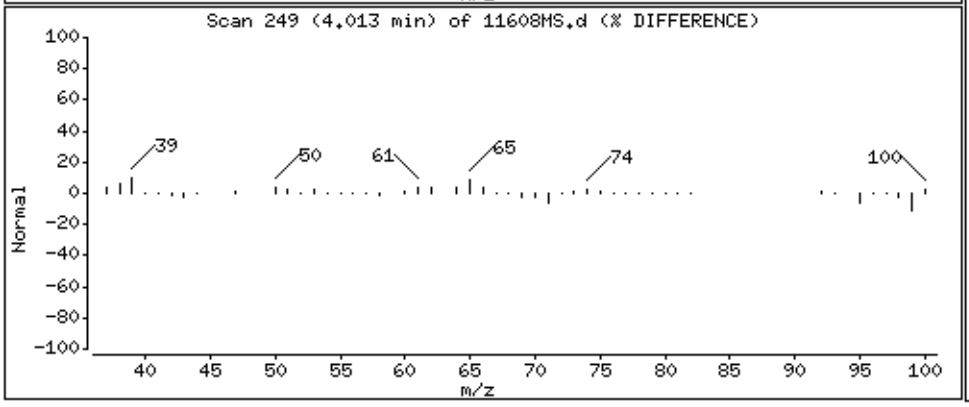












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

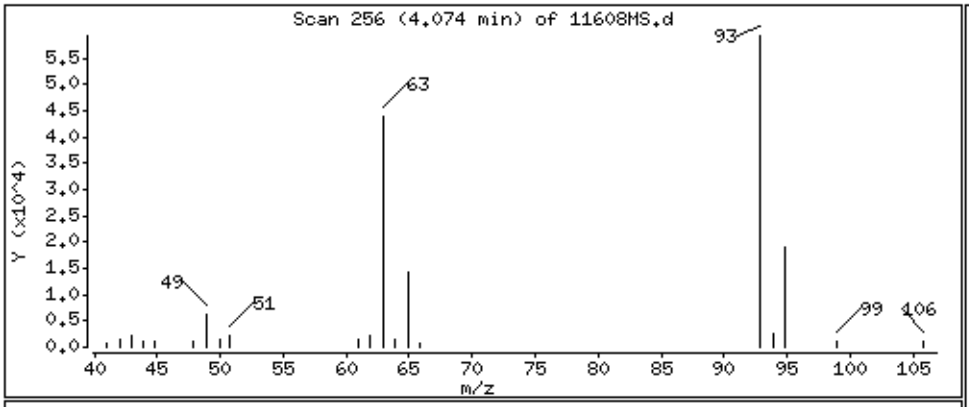
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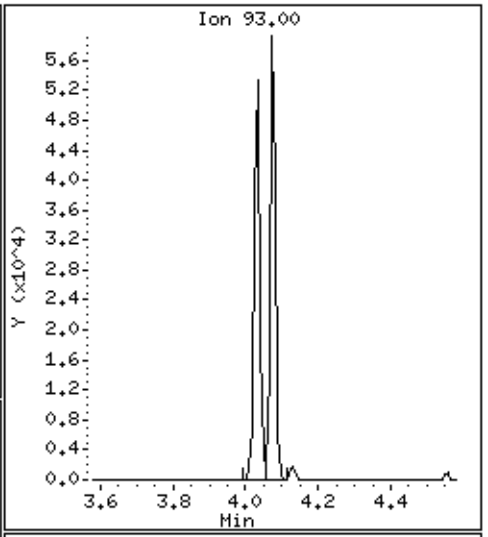
Column phase: HPMS-5

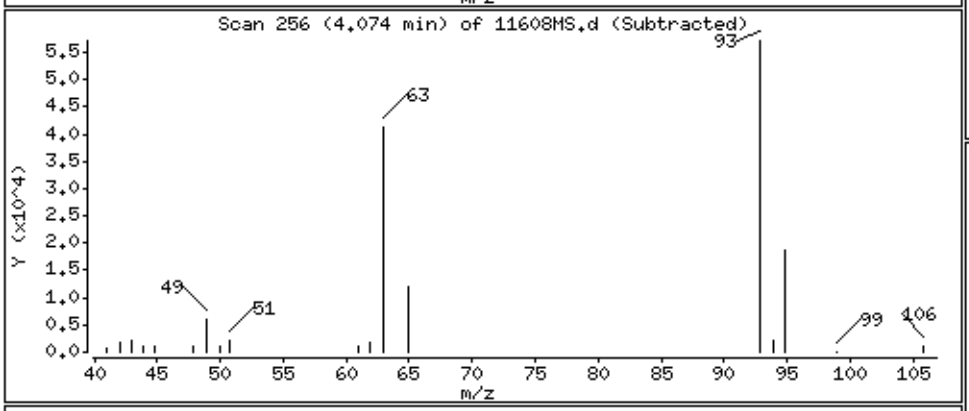
Column diameter: 0.25

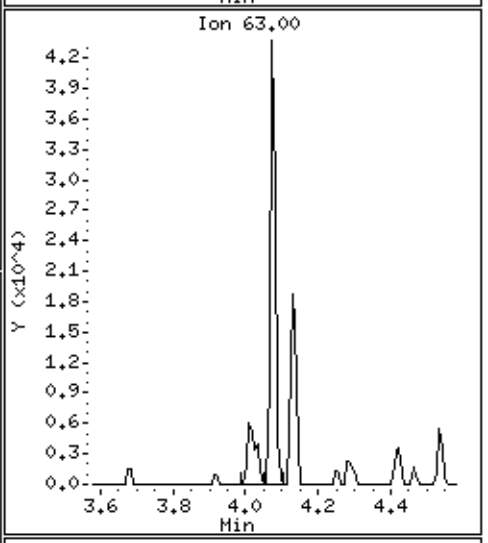
14 Bis(2-Chloroethyl)ether

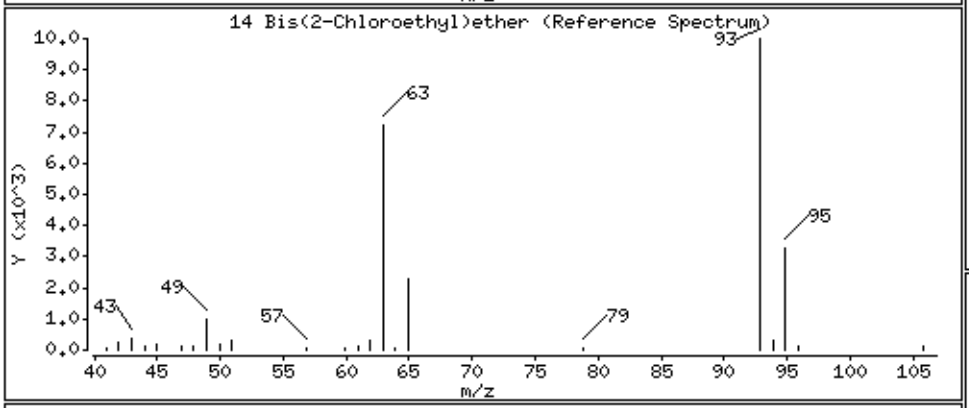
Concentration: 1620 ug/kg

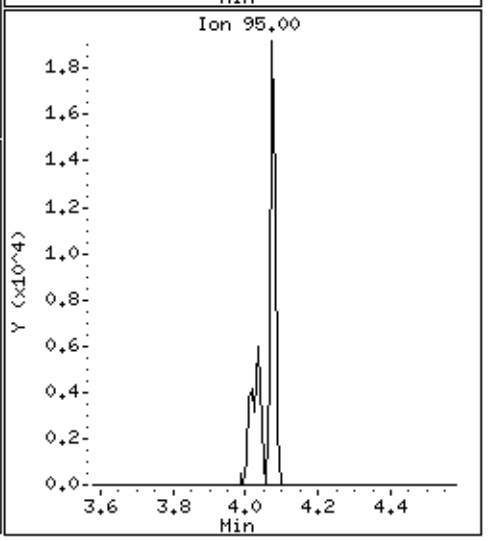


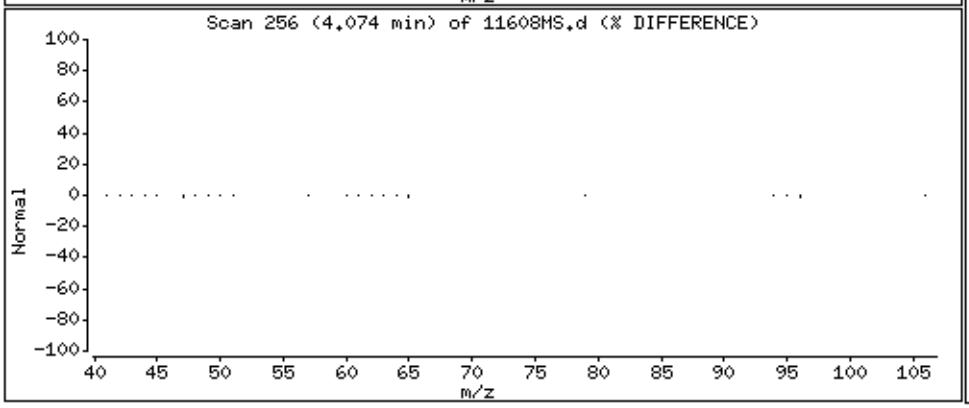












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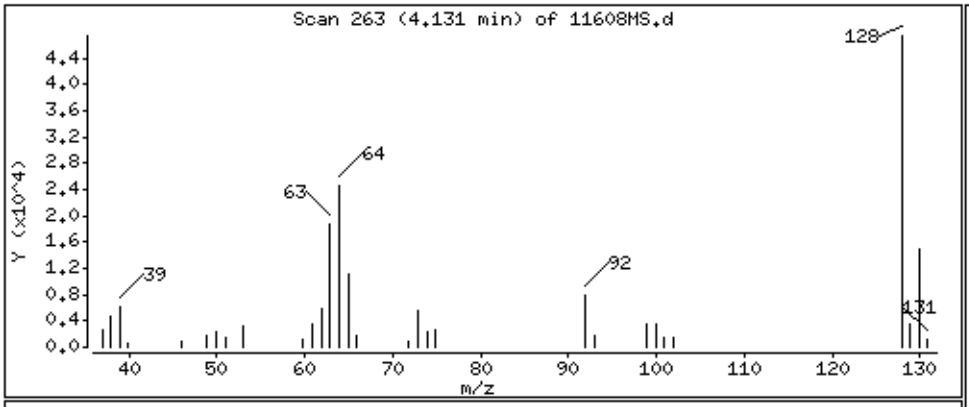
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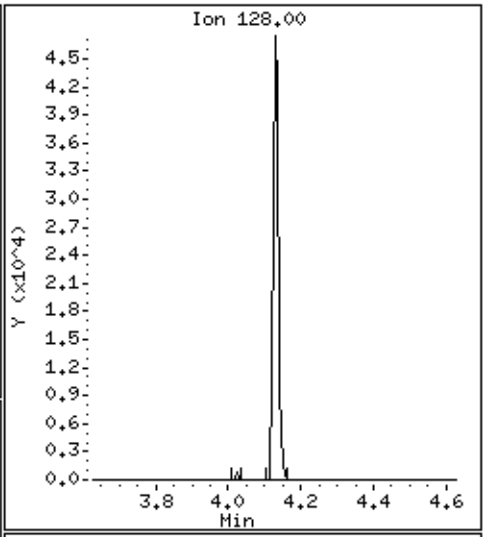
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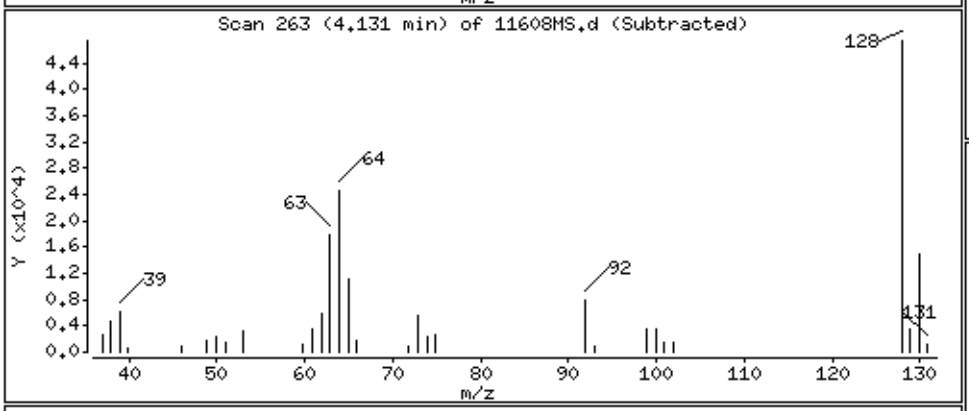
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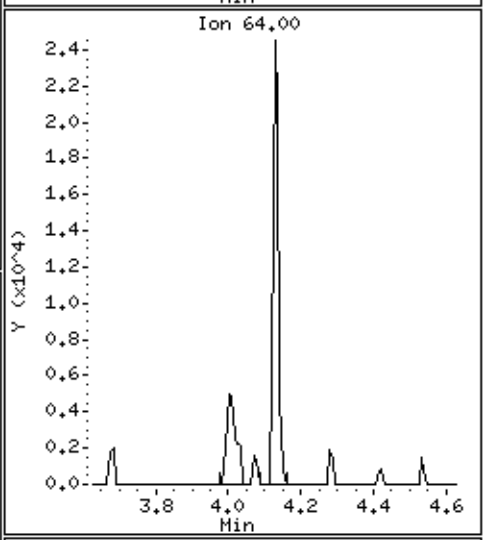
15 2-Chlorophenol

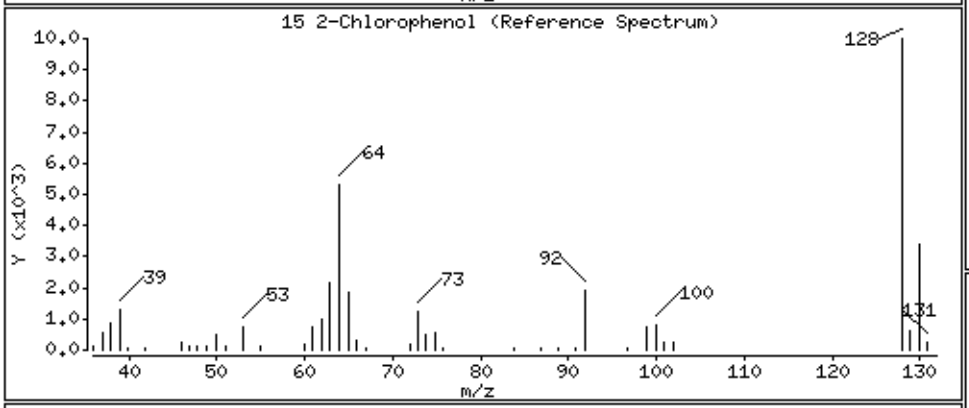
Concentration: 1530 ug/kg

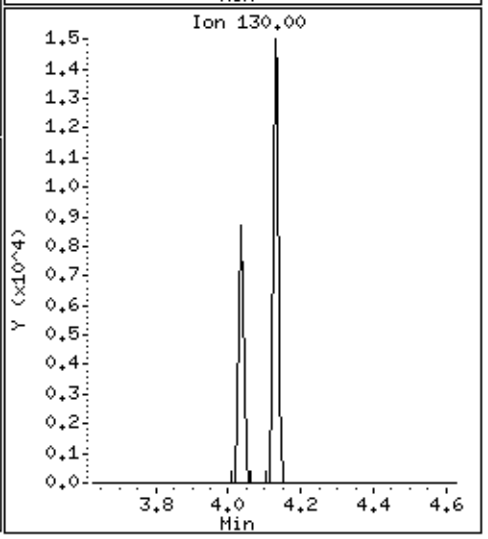


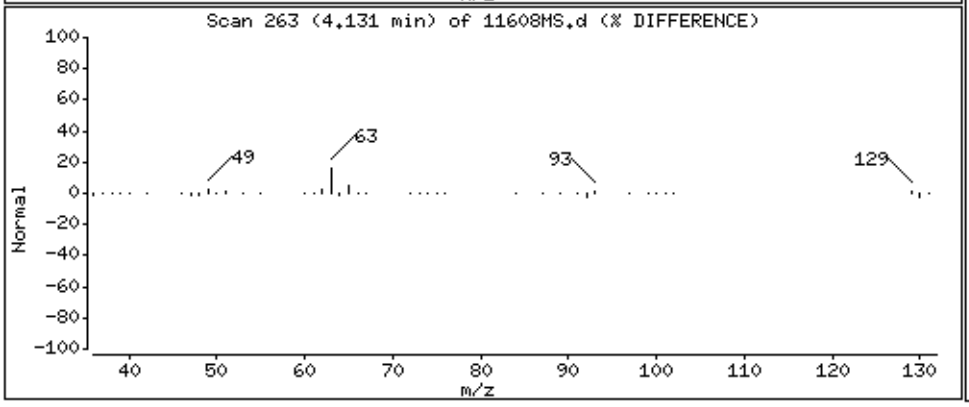












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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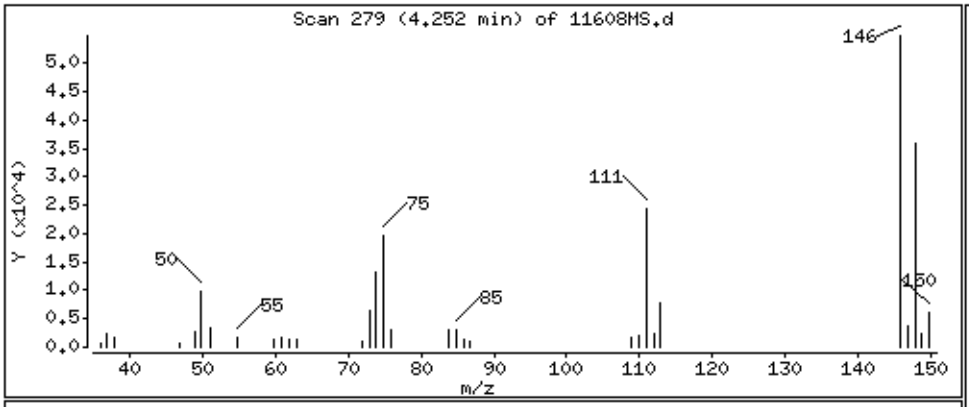
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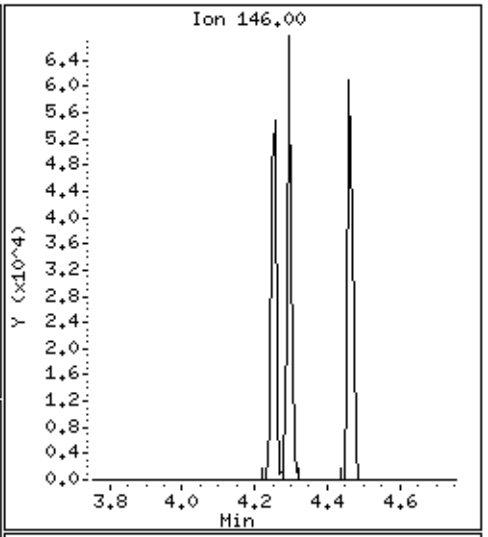
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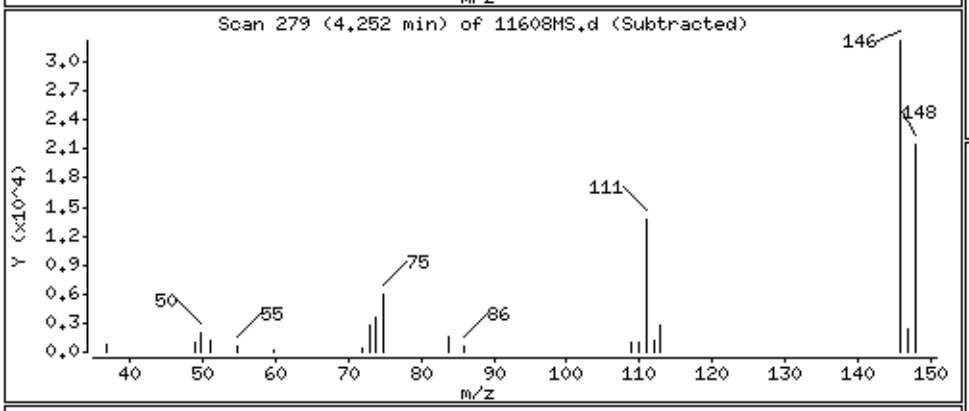
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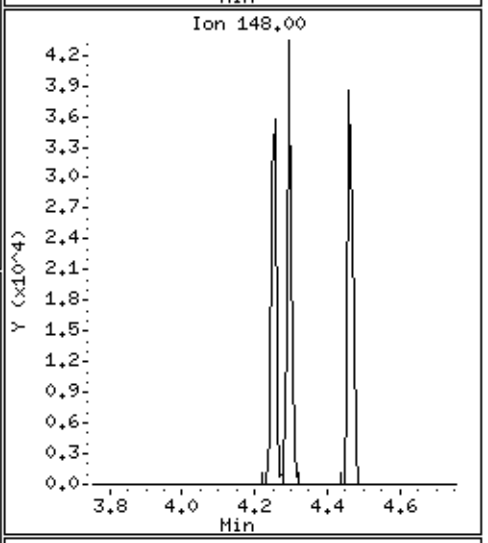
17 1,3-Dichlorobenzene

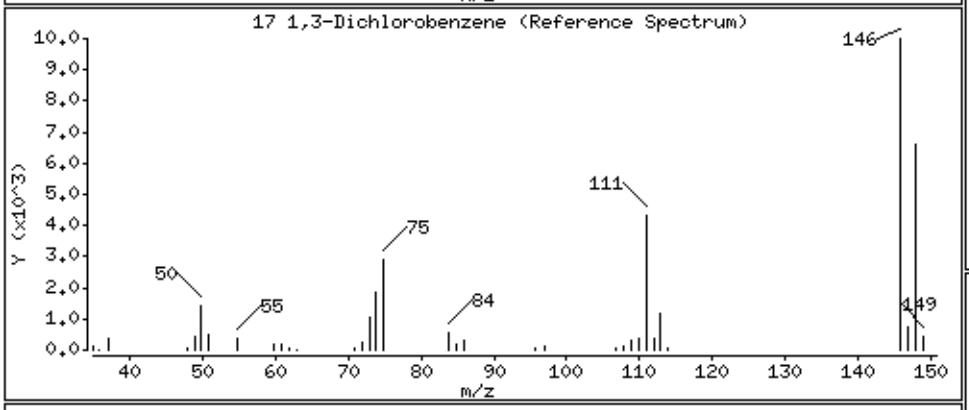
Concentration: 1400 ug/kg

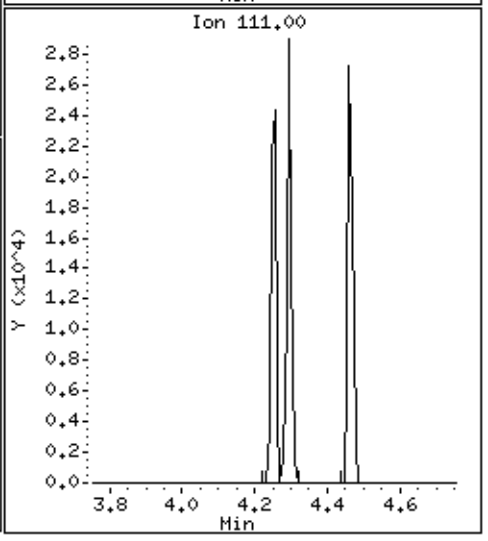


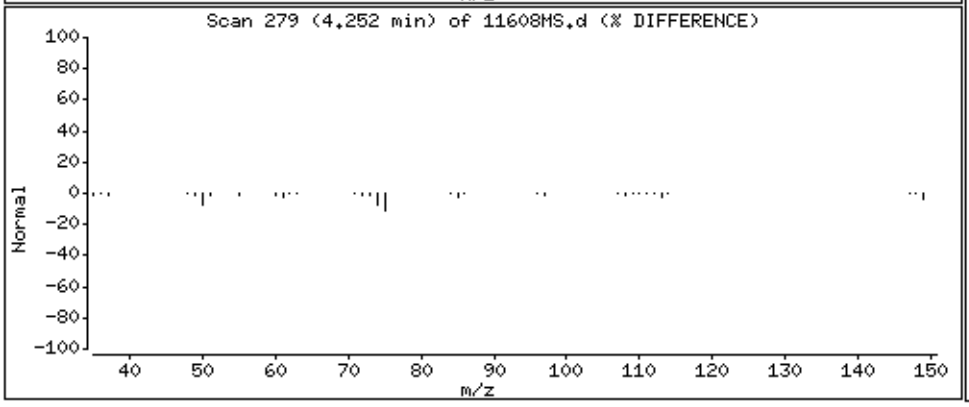












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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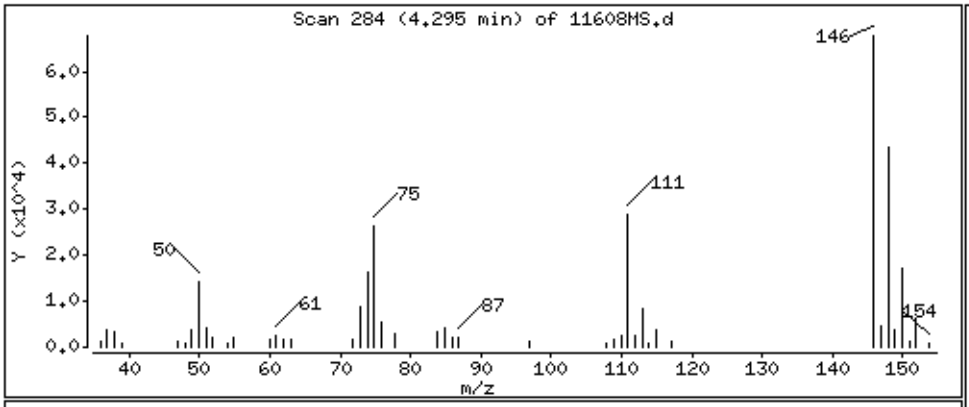
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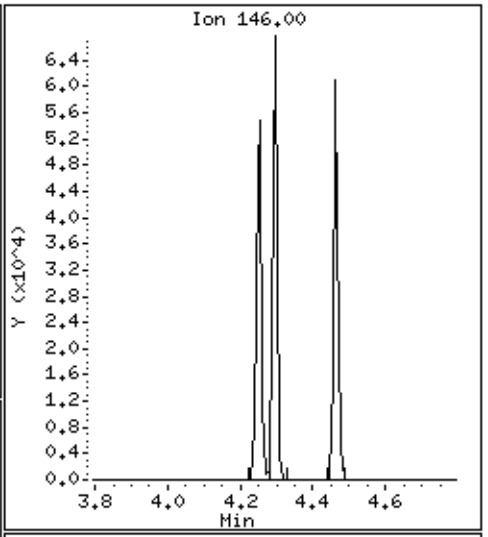
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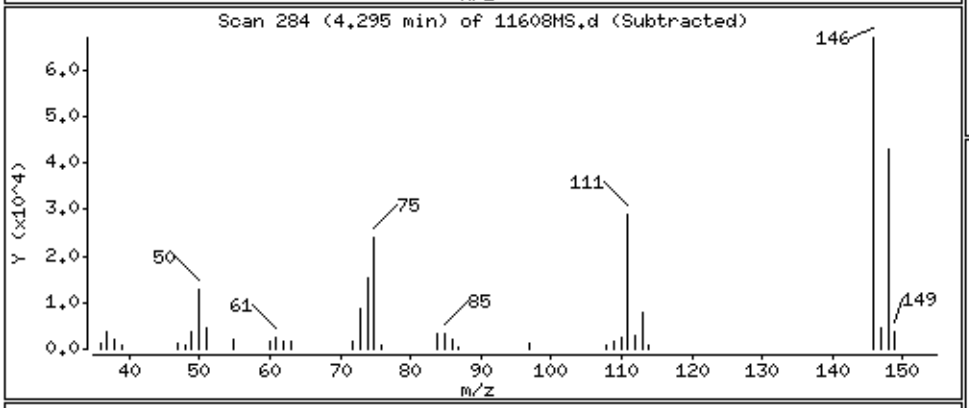
Column diameter: 0.25

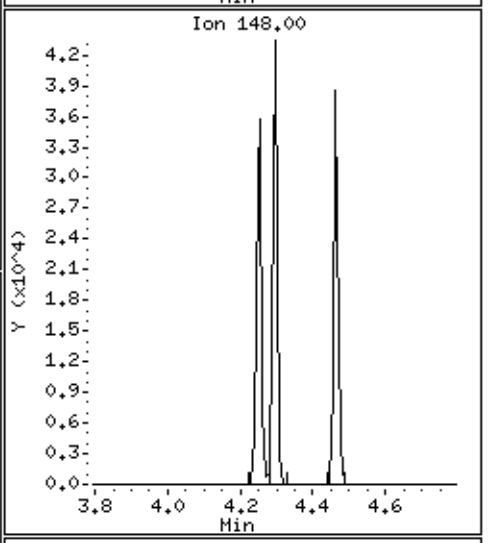
19 1,4-Dichlorobenzene

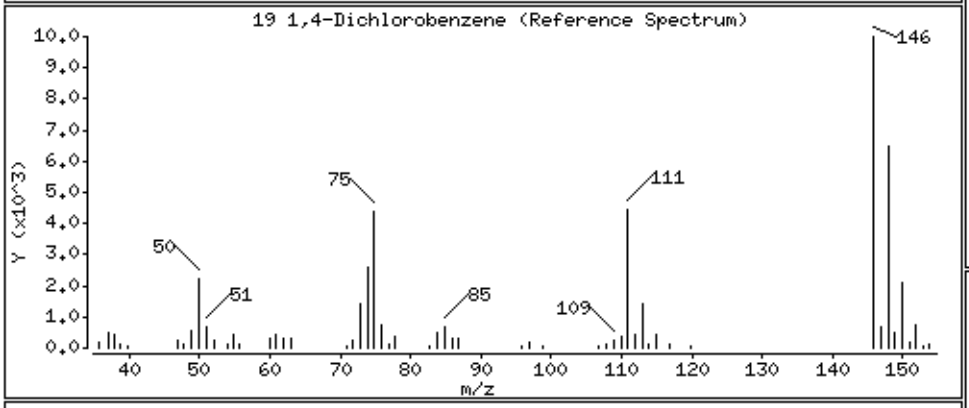
Concentration: 1430 ug/kg

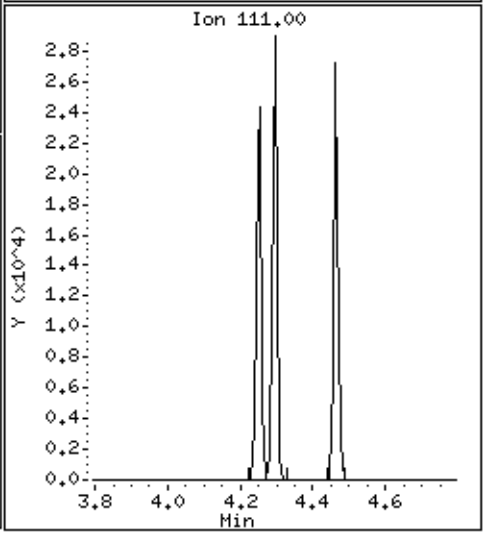


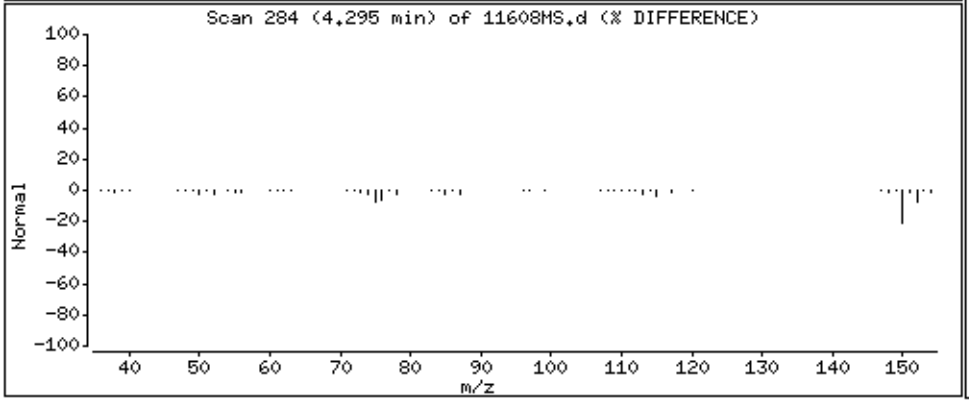












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

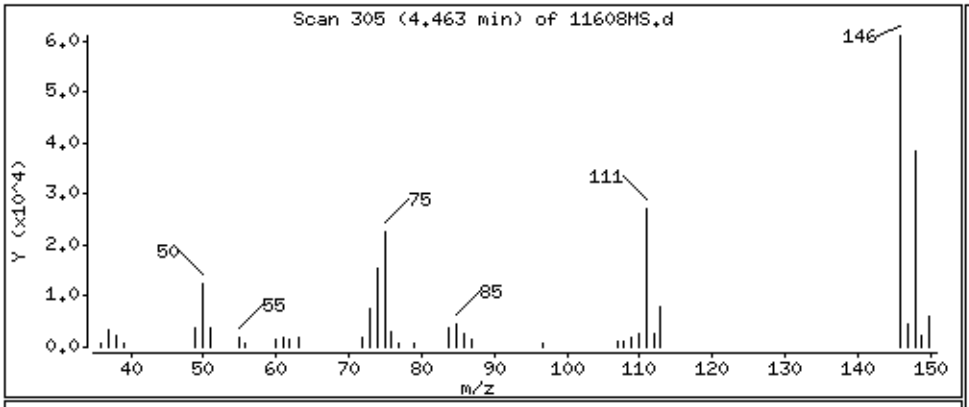
Operator: MJ

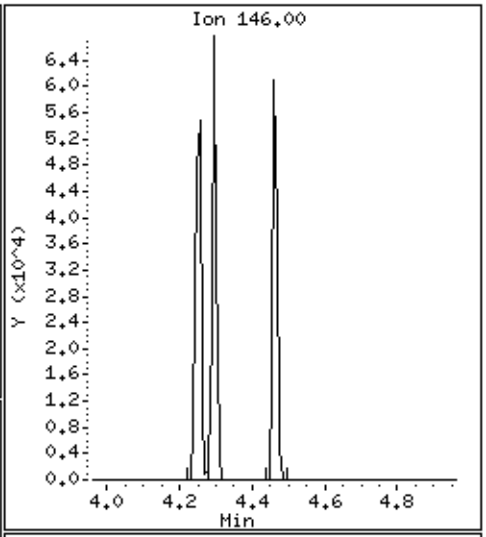
Column phase: HPMS-5

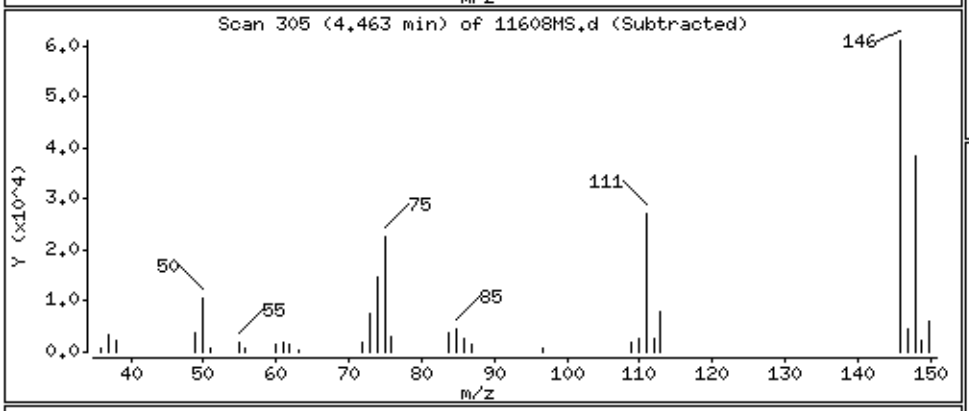
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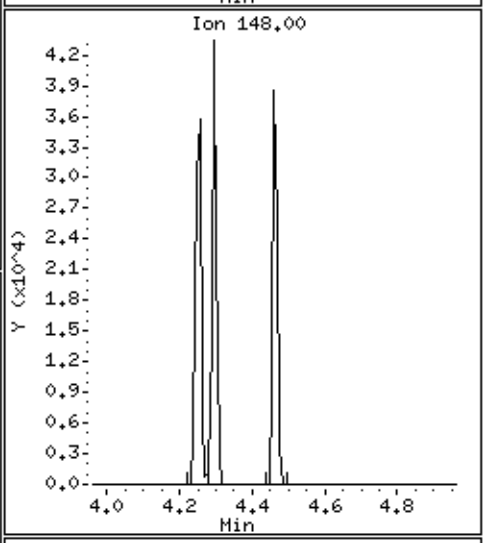
20 1,2-Dichlorobenzene

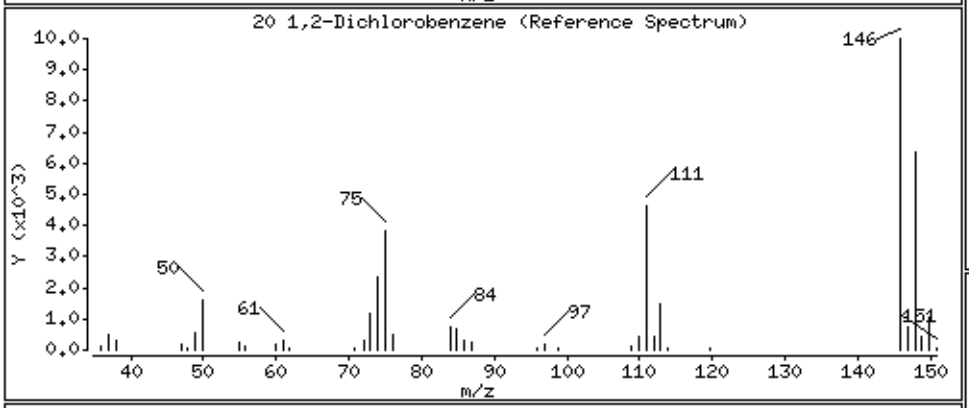
Concentration: 1420 ug/kg

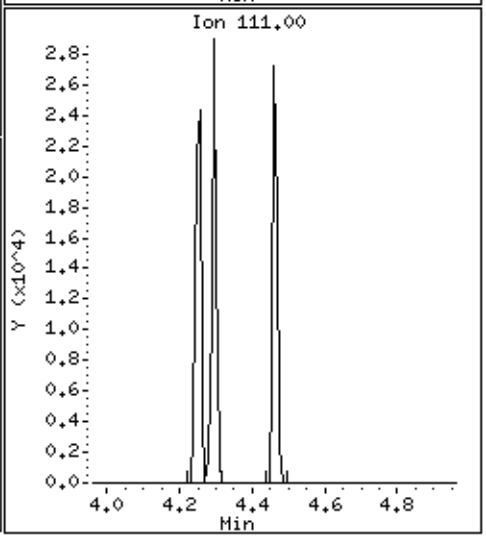


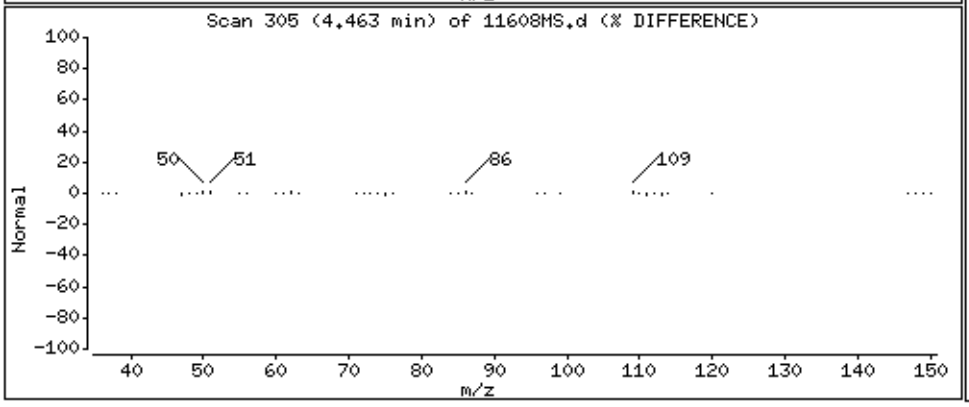












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

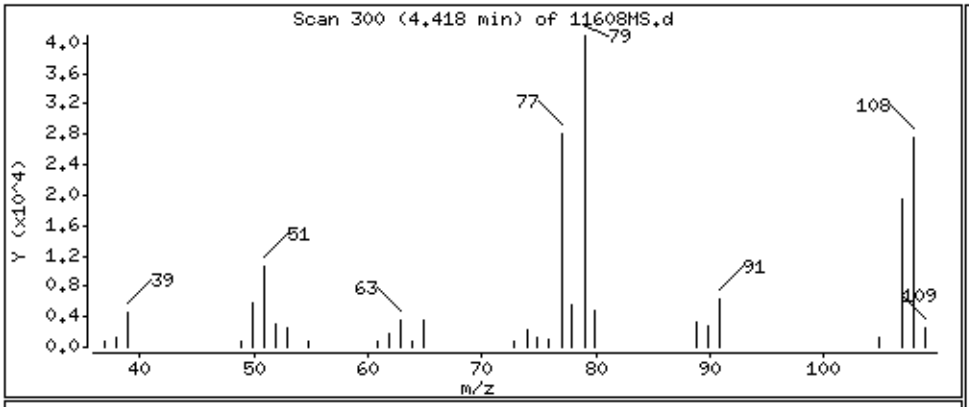
Operator: MJ

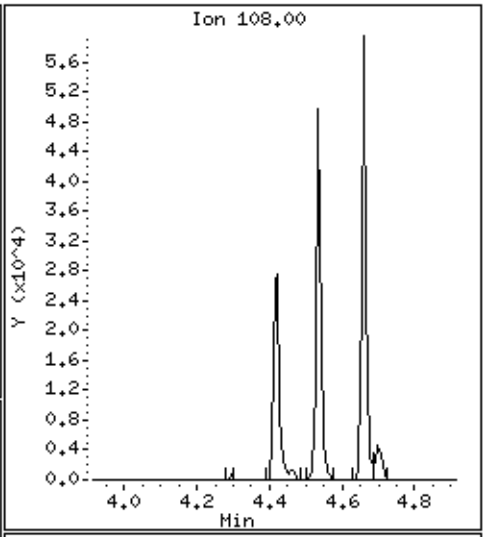
Column phase: HPMS-5

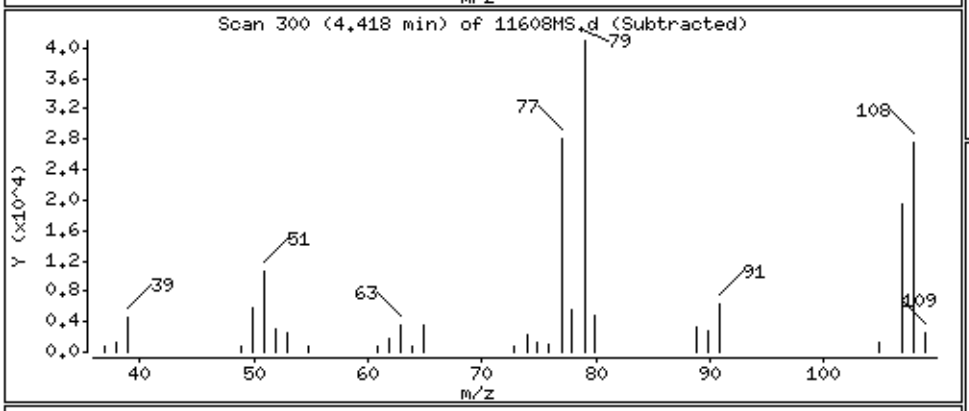
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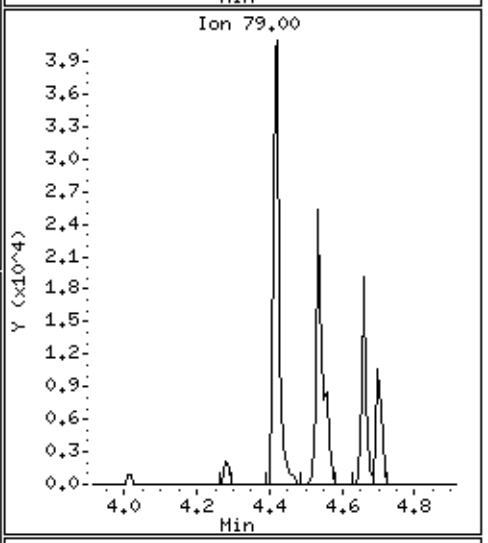
21 Benzyl alcohol

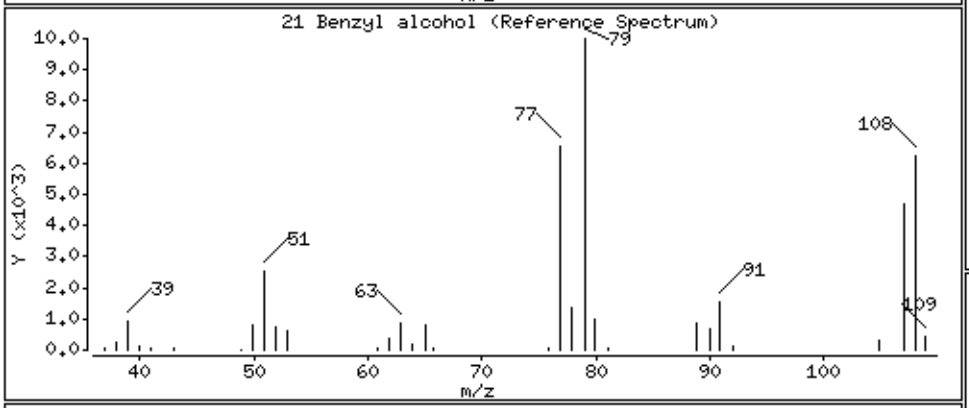
Concentration: 1560 ug/kg

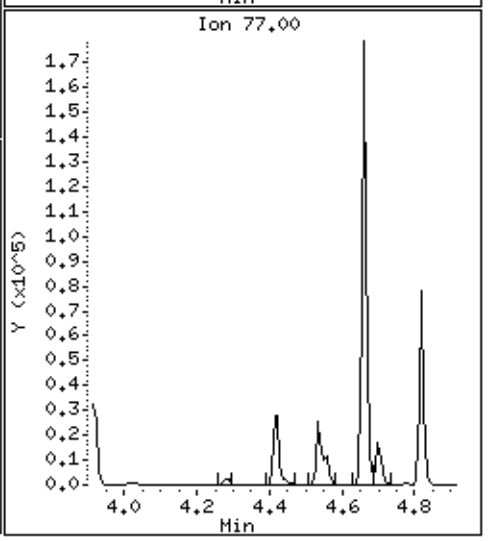


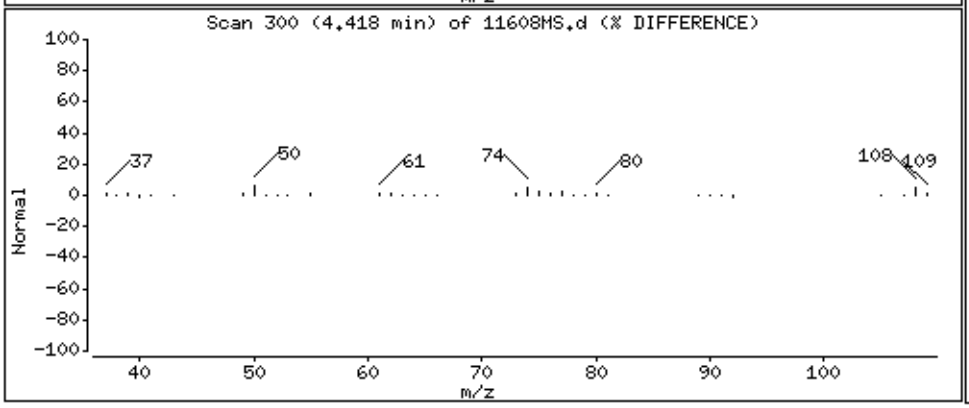












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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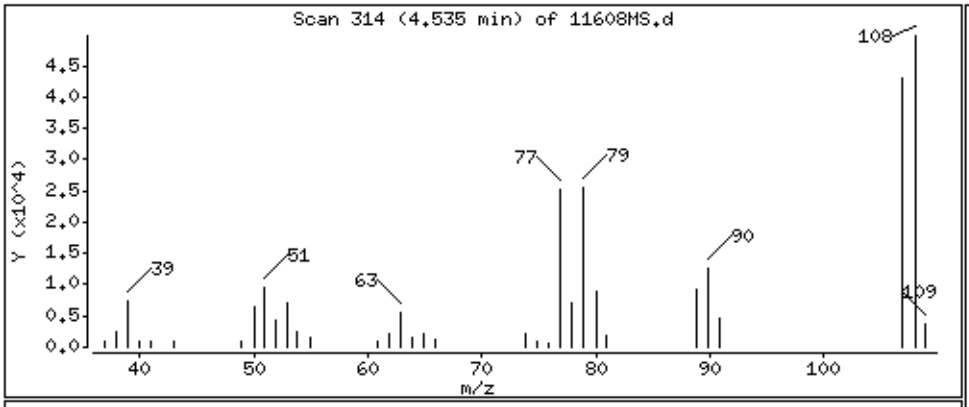
Operator: MJ

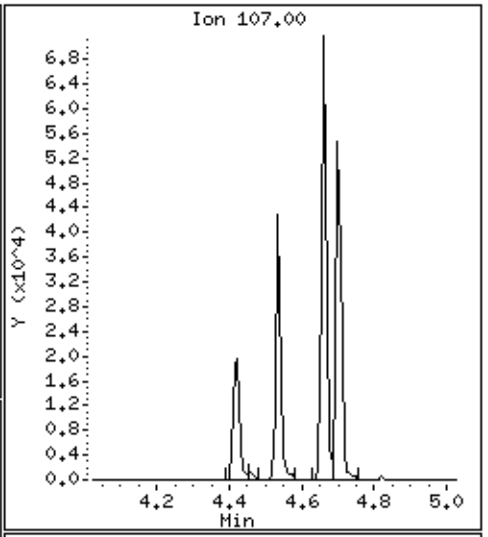
Column phase: HPMS-5

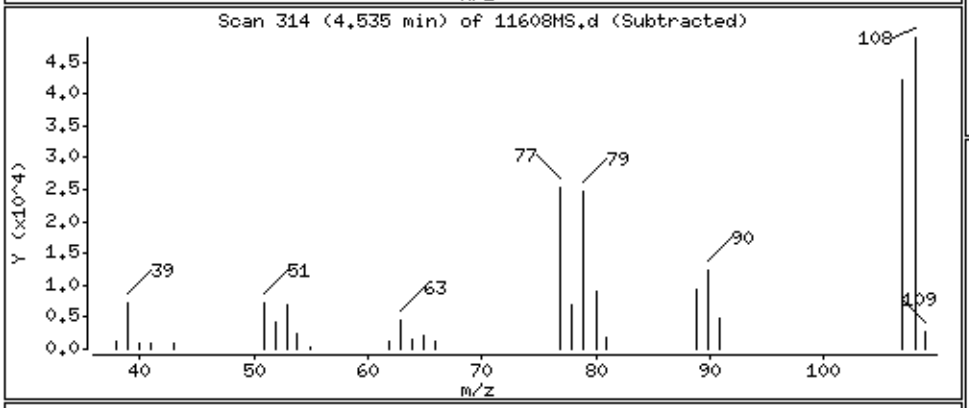
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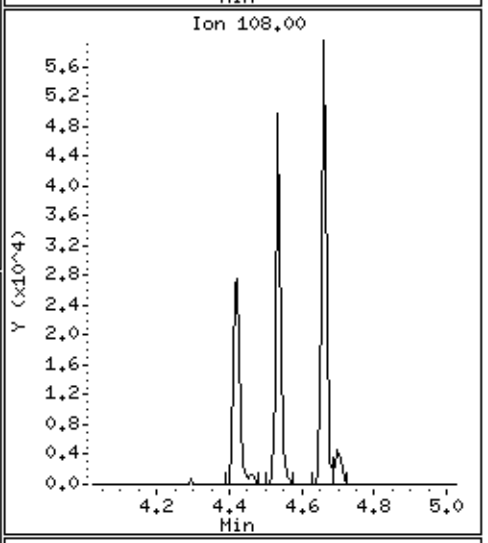
22 2-Methylphenol

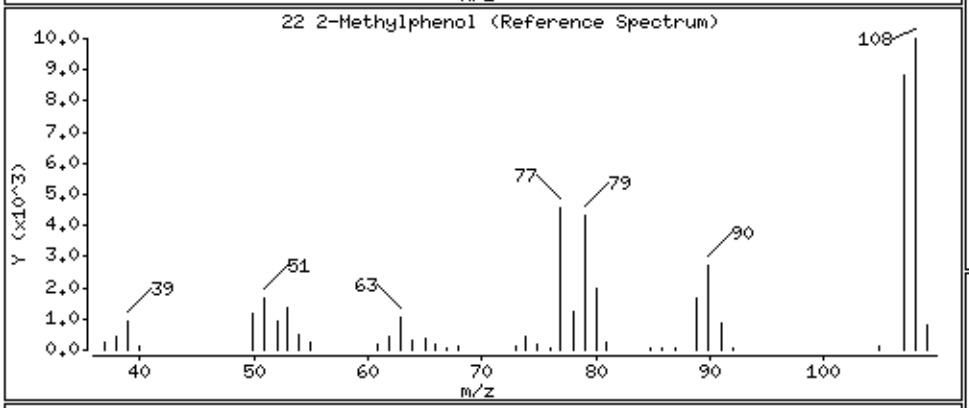
Concentration: 1510 ug/kg

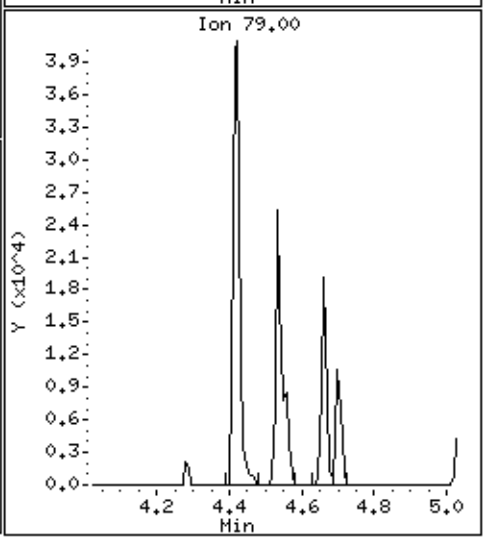


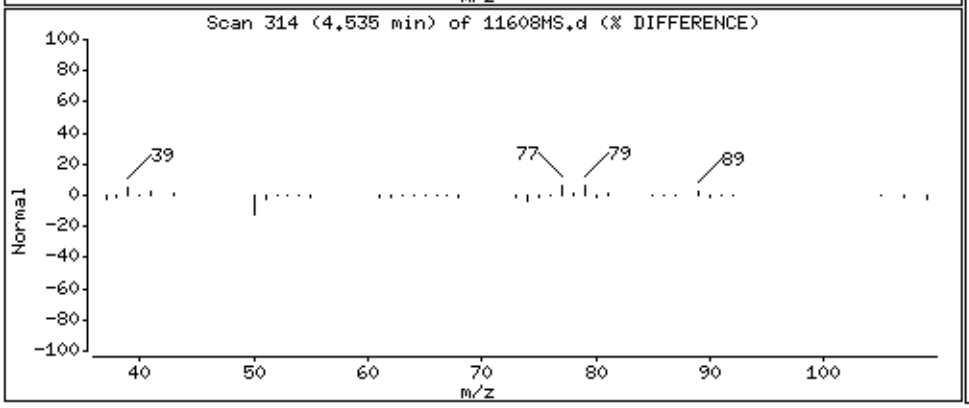












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

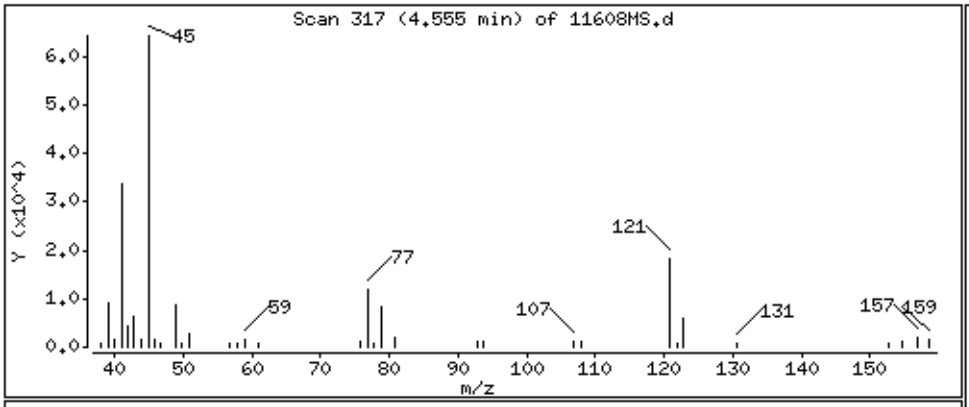
Operator: MJ

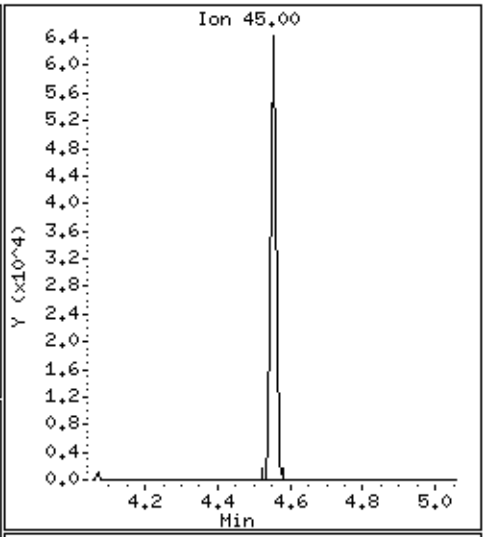
Column phase: HPMS-5

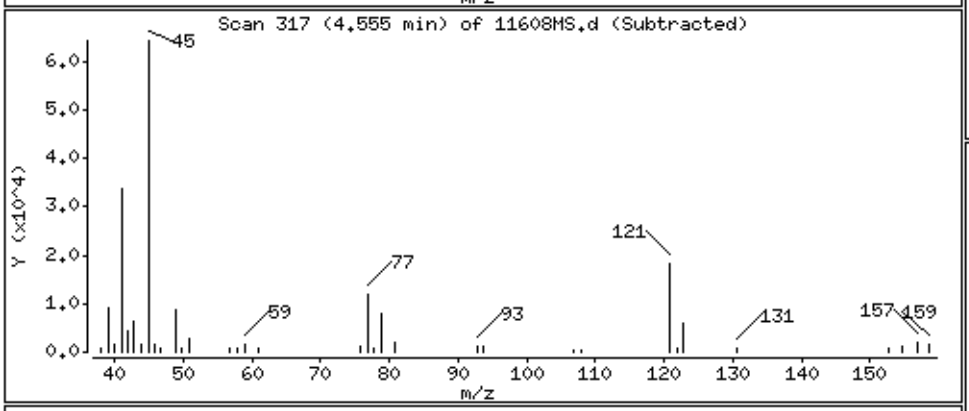
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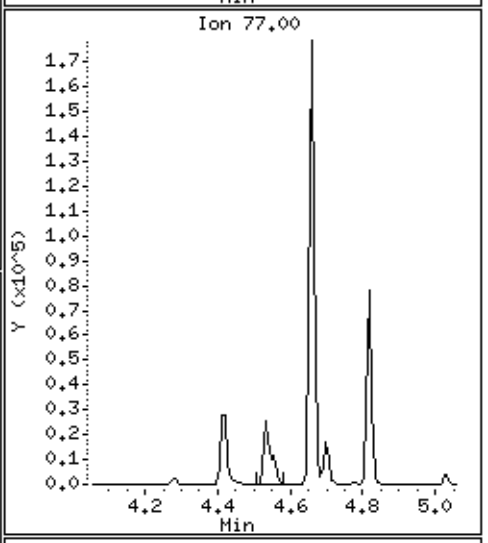
23 2,2'-oxybis(1-chloropropane)

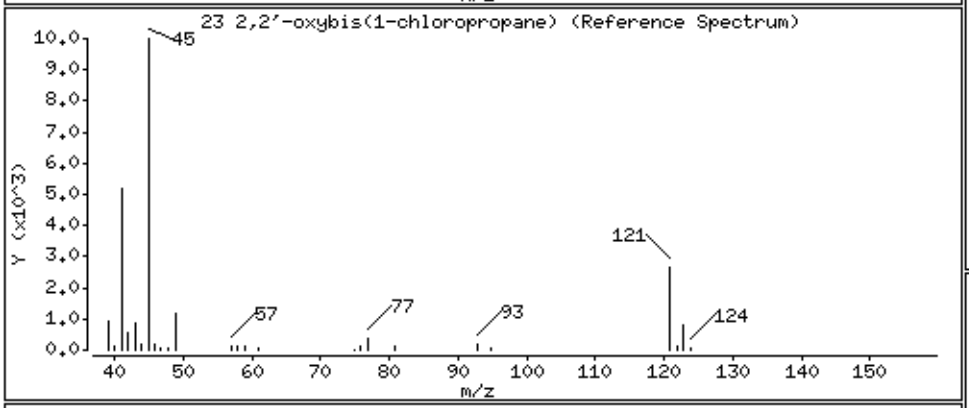
Concentration: 1460 ug/kg

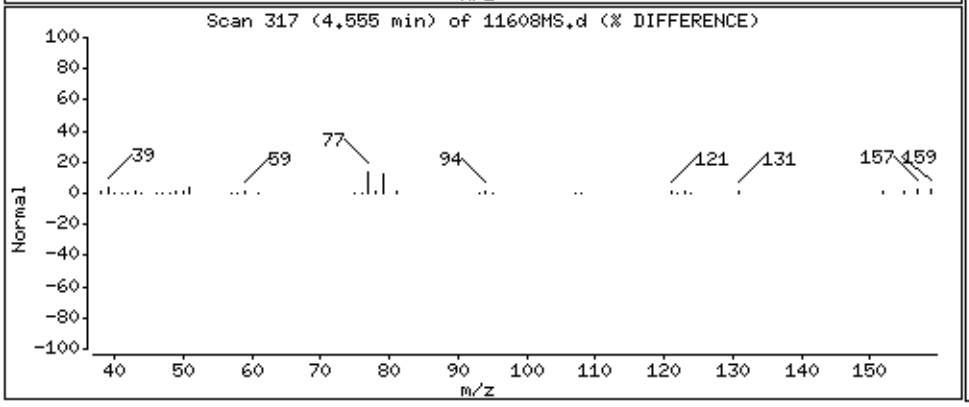


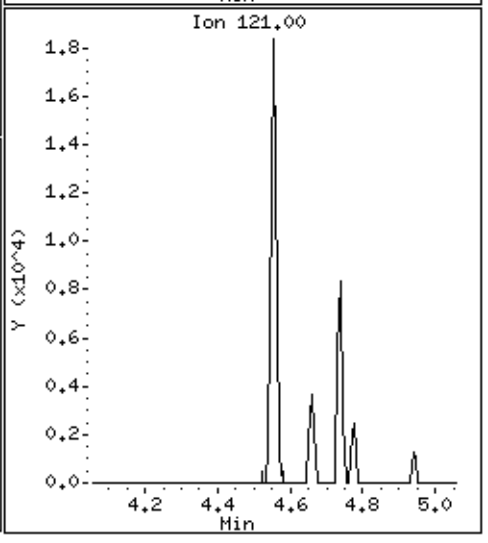












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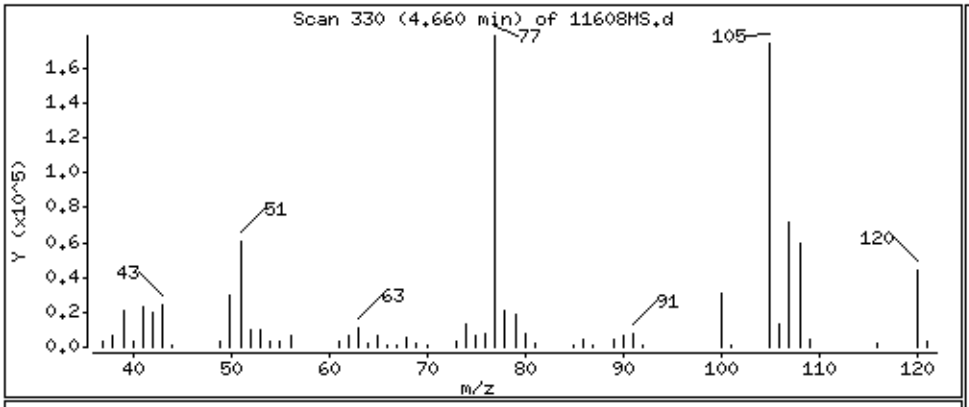
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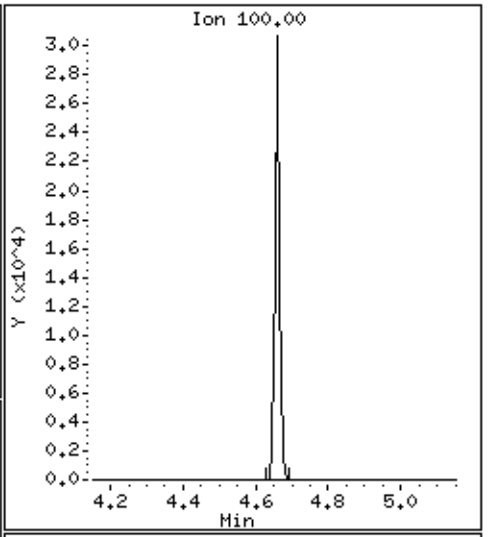
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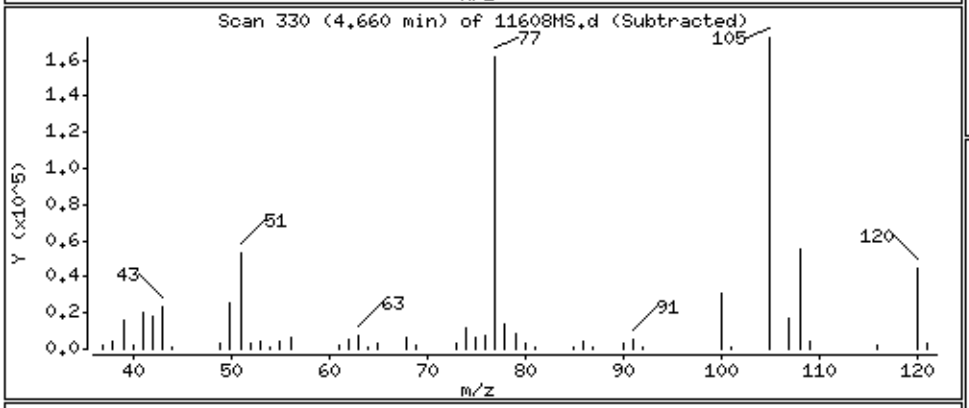
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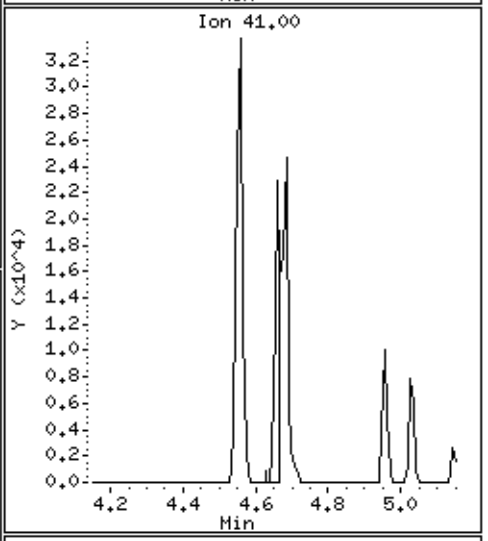
24 N-Nitrosopyrrolidine

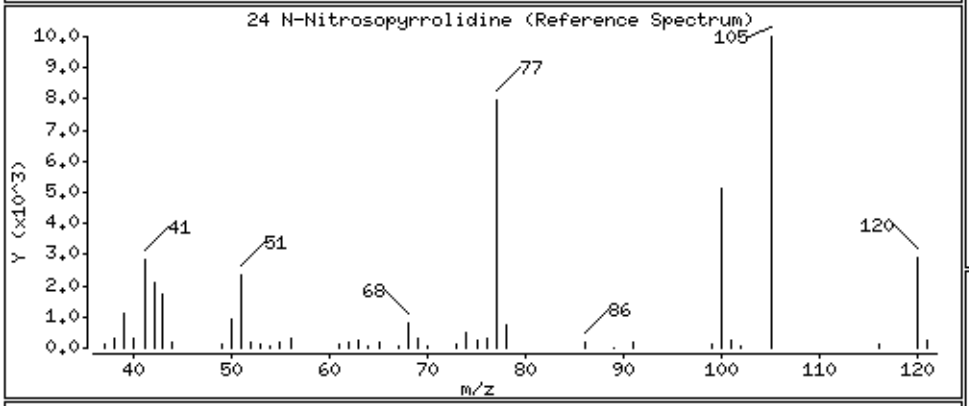
Concentration: 1480 ug/kg

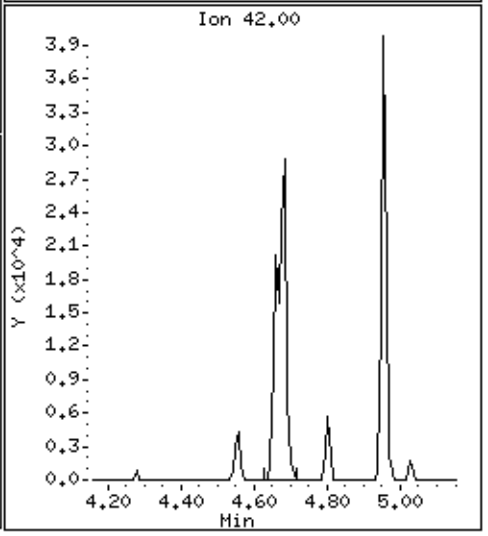


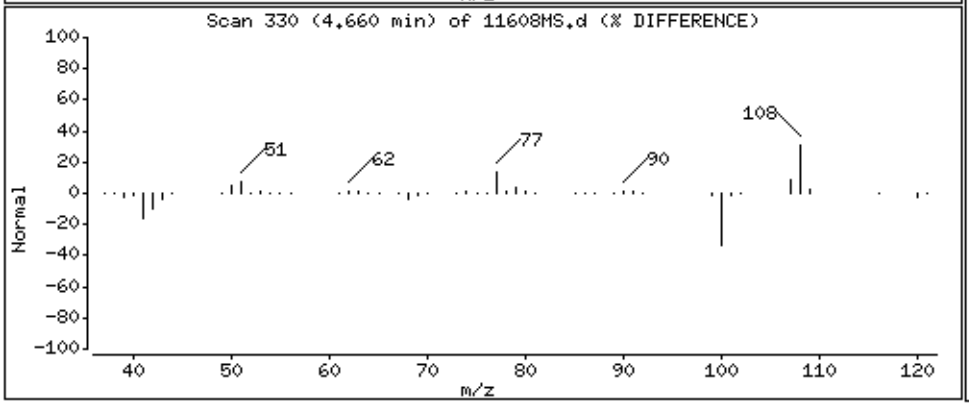












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Instrument: smsd04.i

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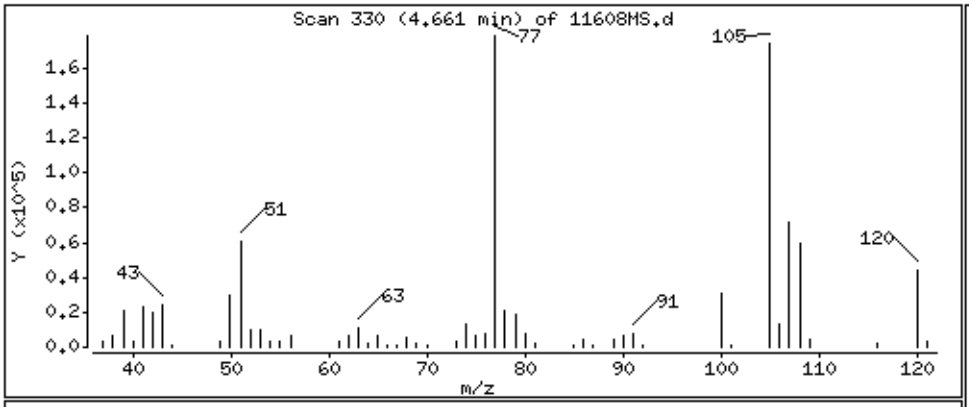
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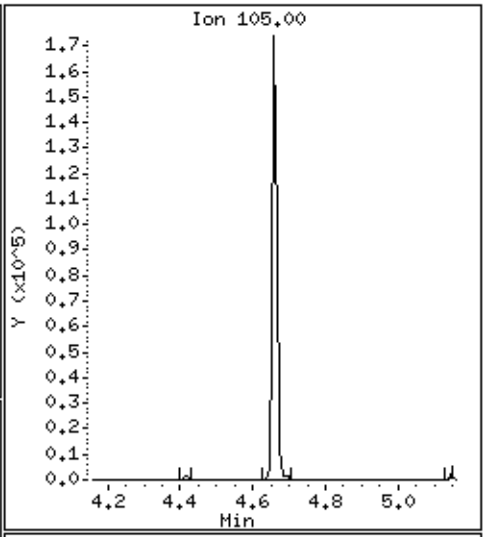
Column phase: HPMS-5

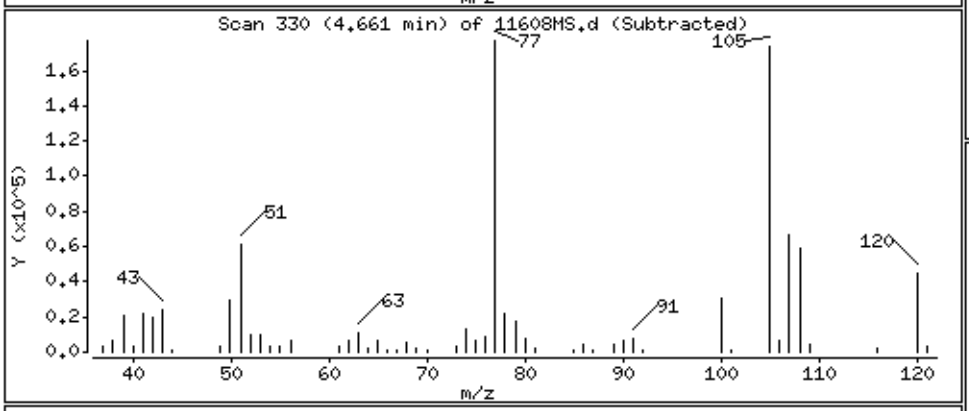
Column diameter: 0.25

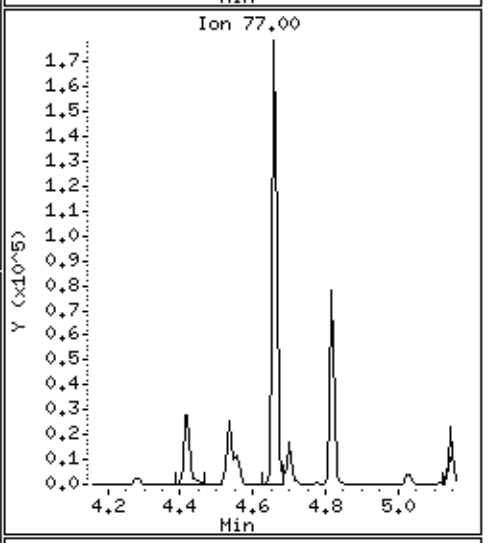
25 Acetophenone

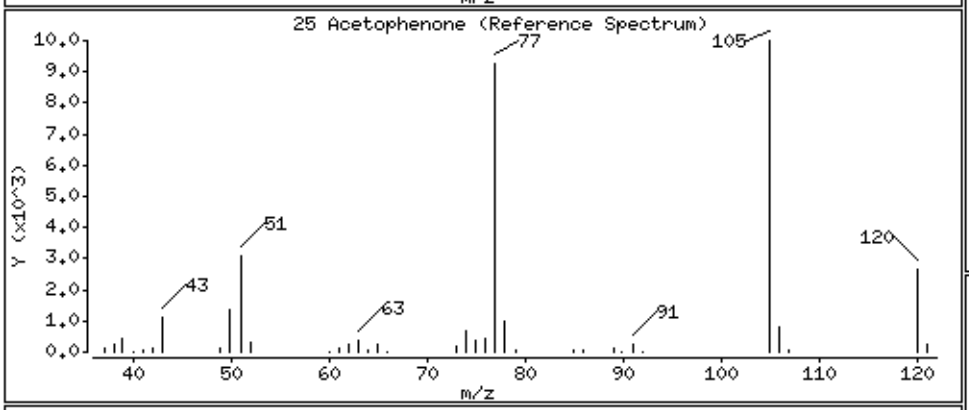
Concentration: 2980 ug/kg

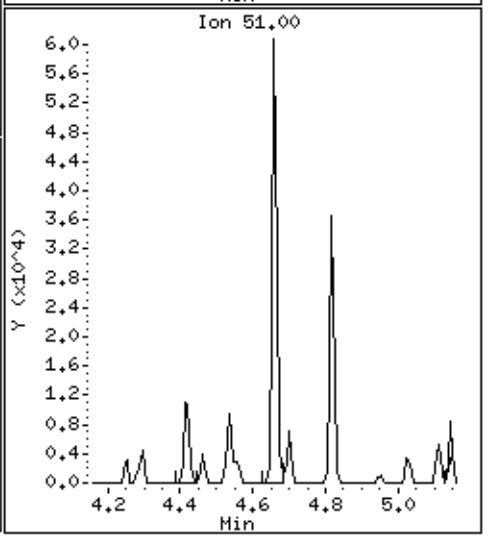


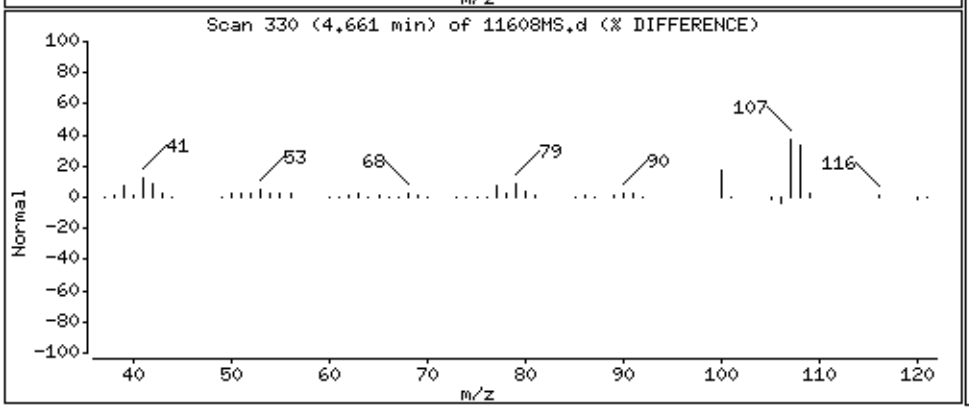












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

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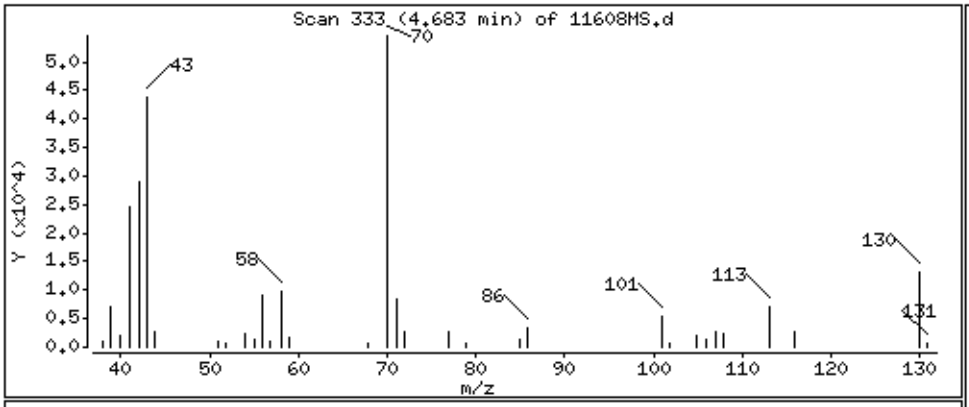
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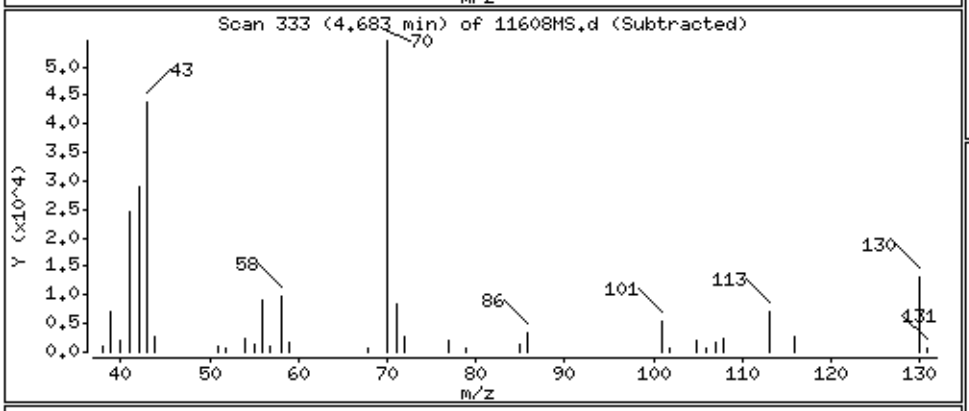
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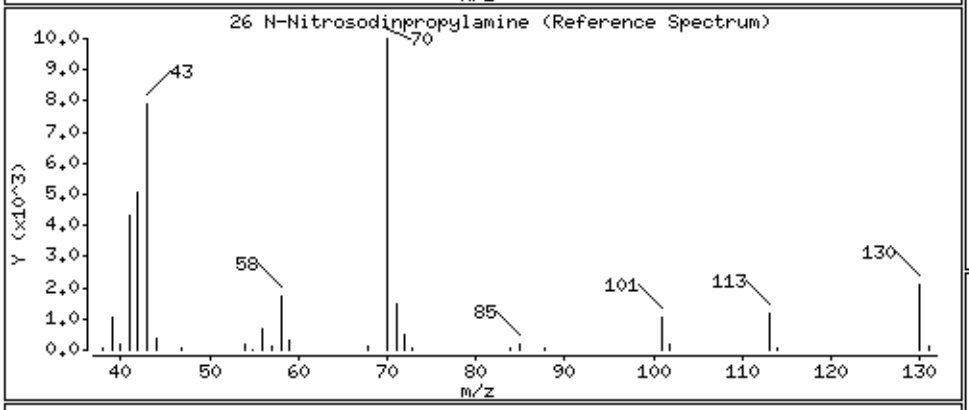
Column diameter: 0.25

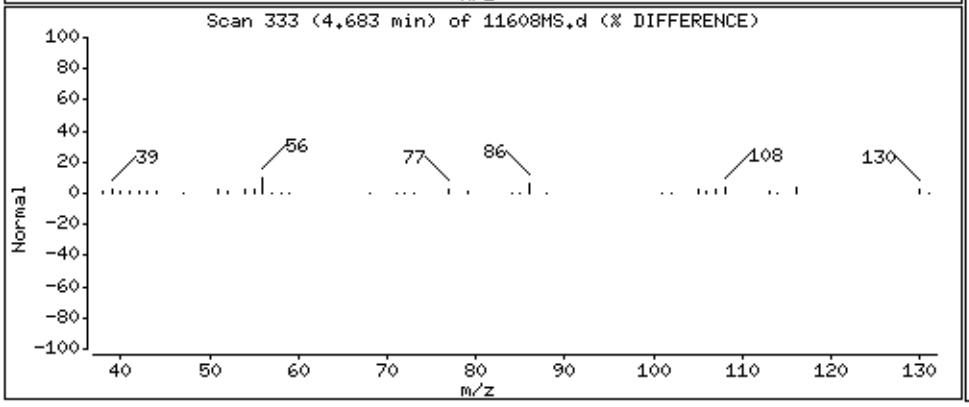
26 N-Nitrosodinpropylamine

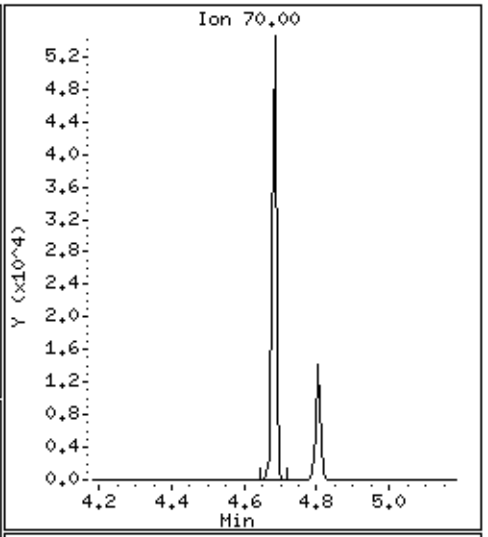
Concentration: 1580 ug/kg

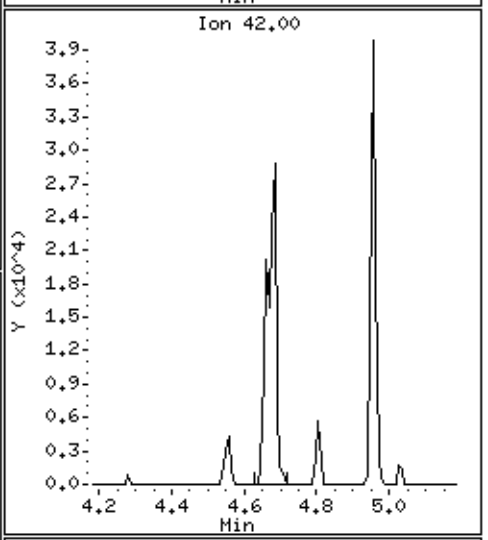


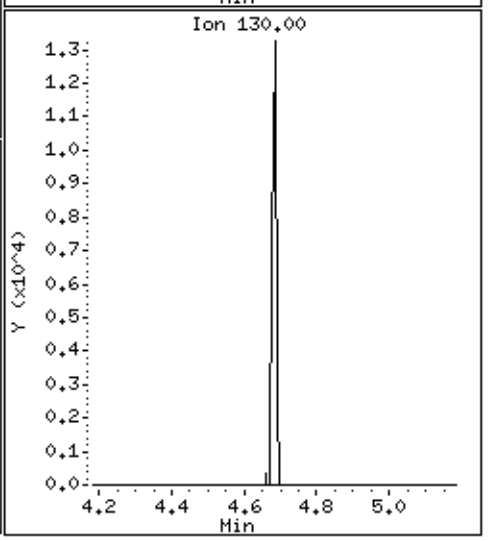












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

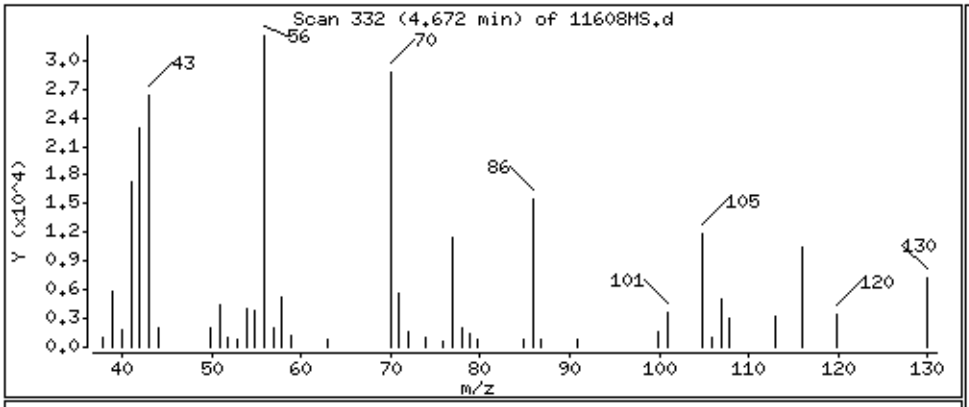
Operator: MJ

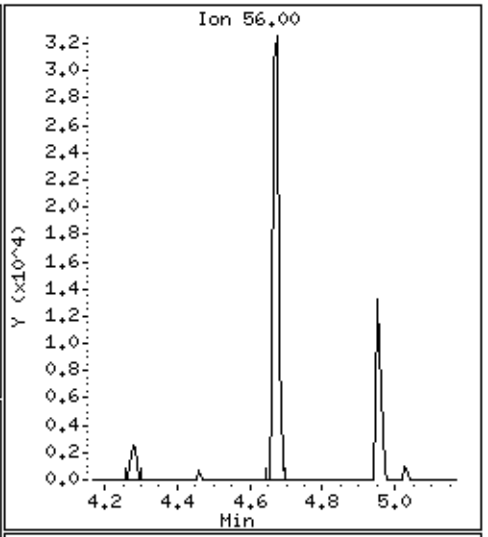
Column phase: HPMS-5

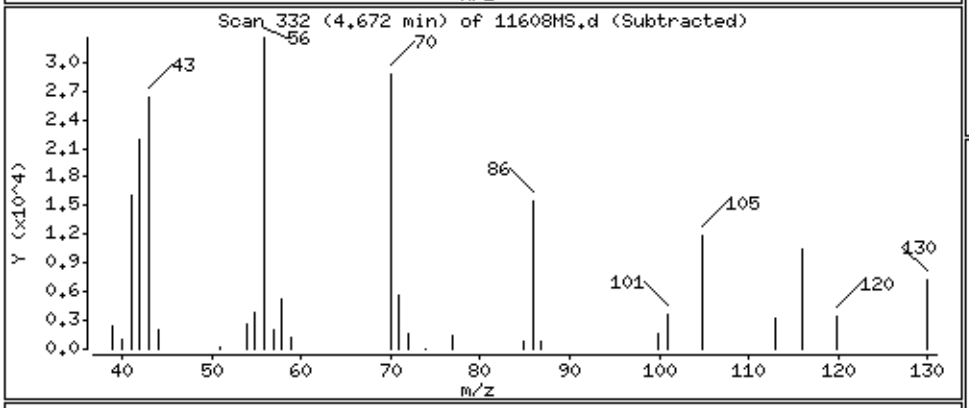
Column diameter: 0.25

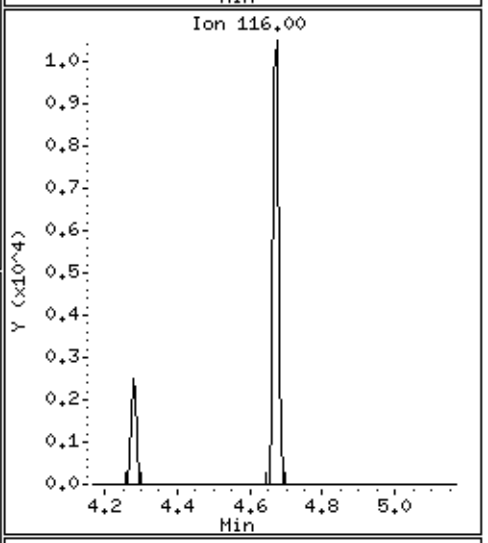
27 N-Nitrosomorpholine

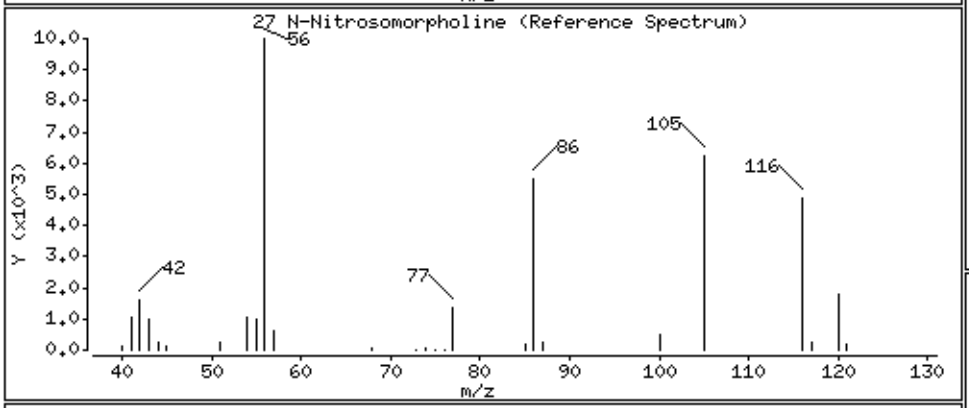
Concentration: 1490 ug/kg

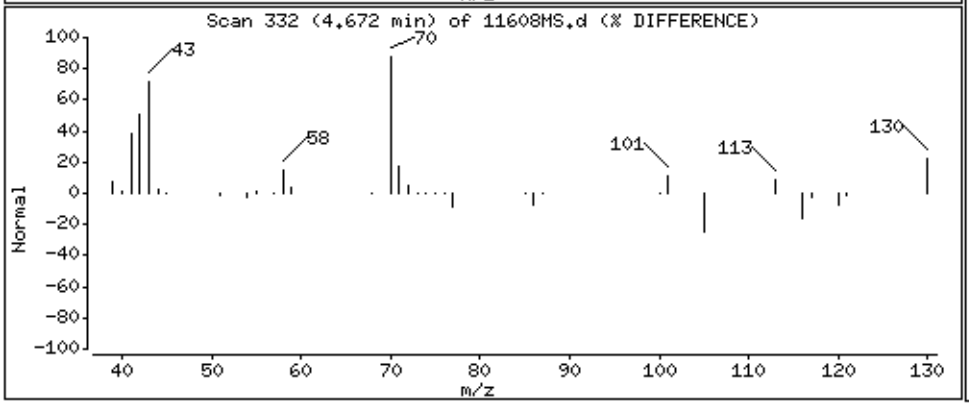


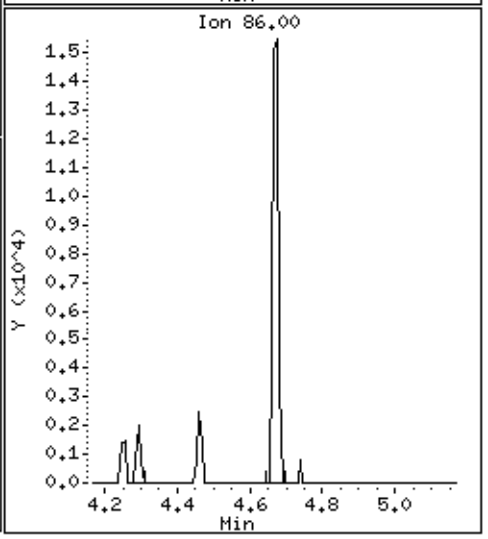












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

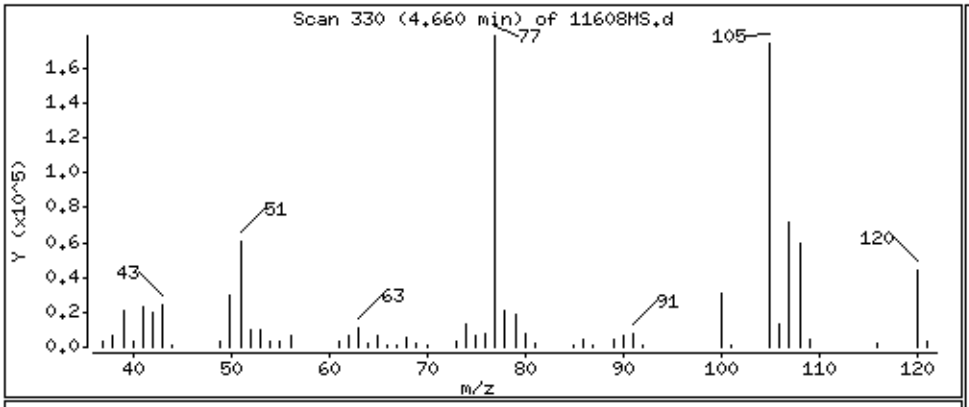
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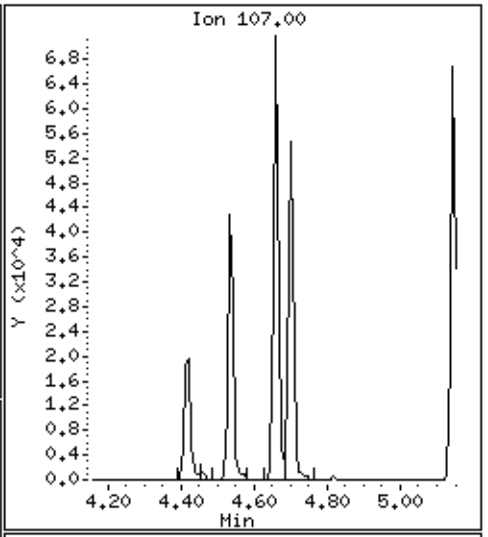
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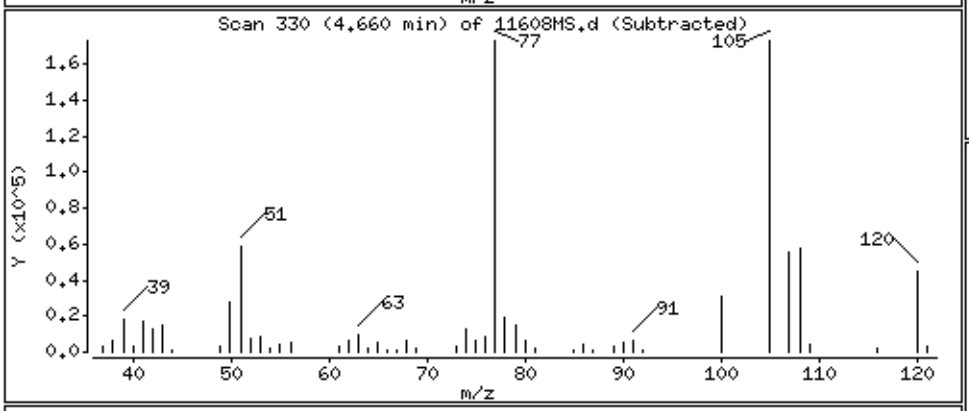
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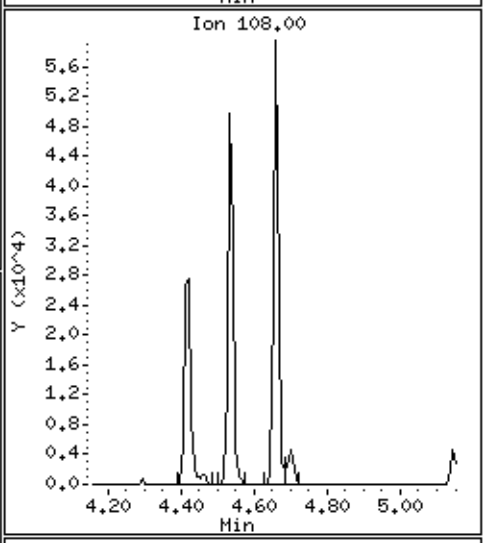
28 4-Methylphenol

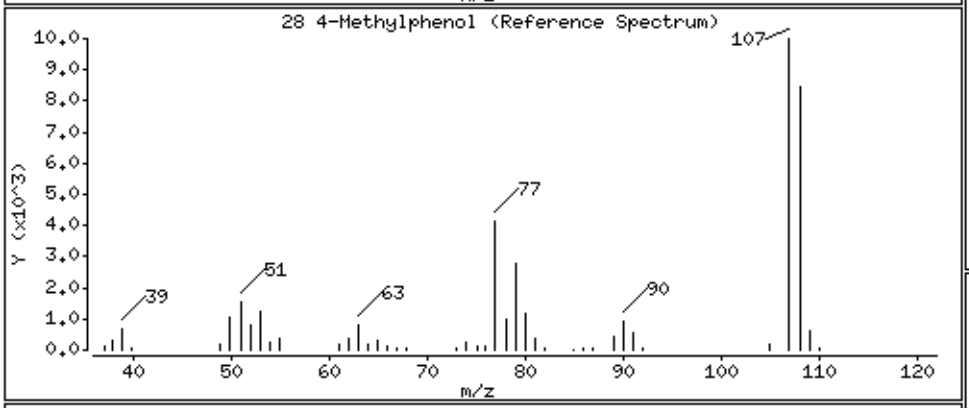
Concentration: 1560 ug/kg

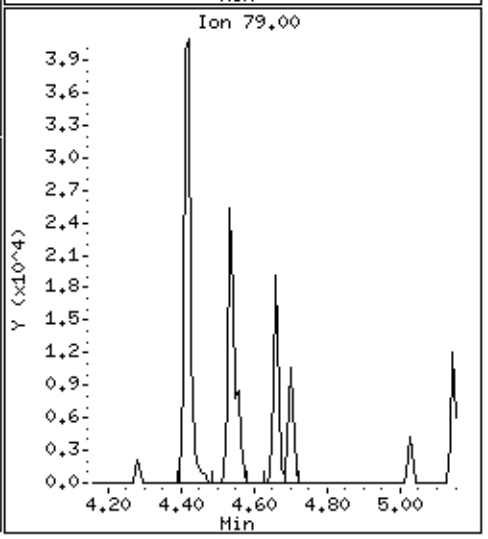


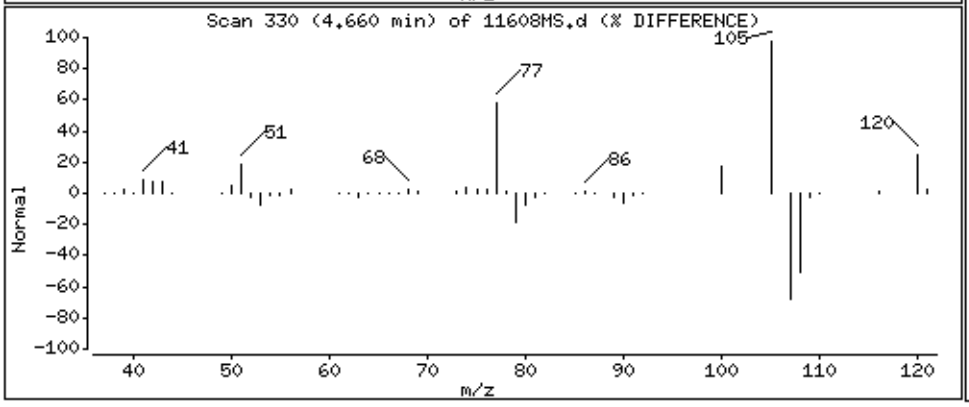












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

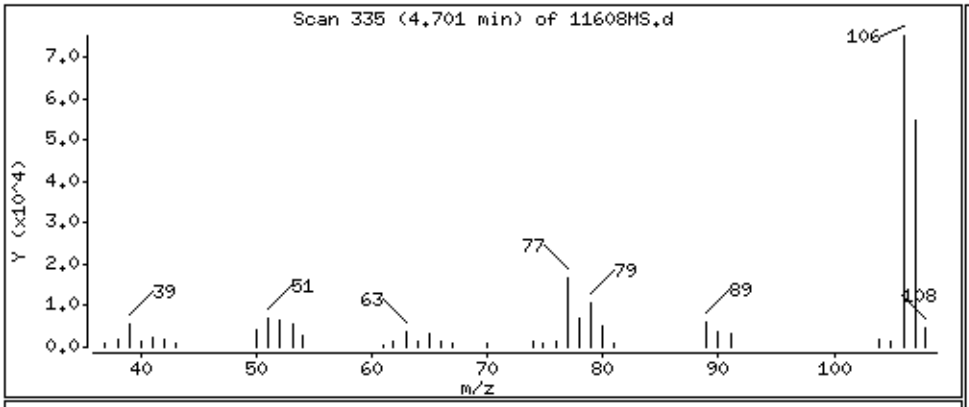
Operator: MJ

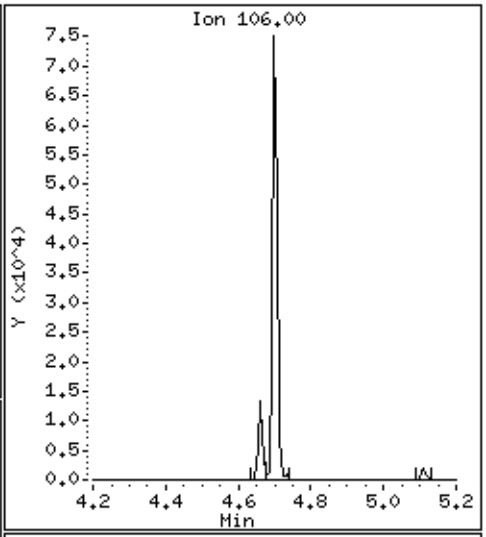
Column phase: HPMS-5

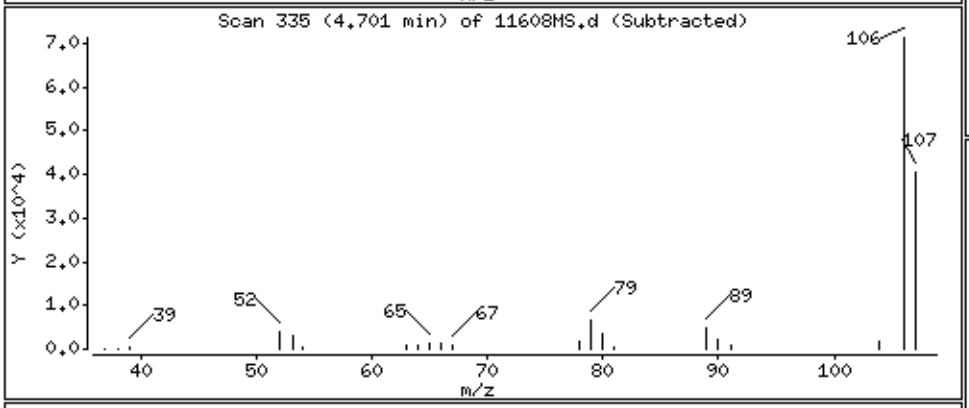
Column diameter: 0.25

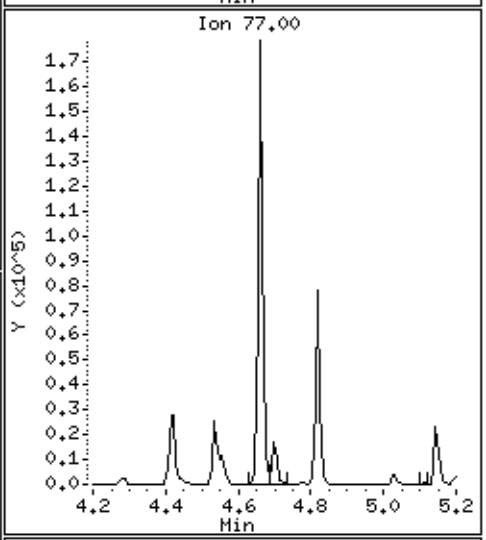
29 o-Toluidine

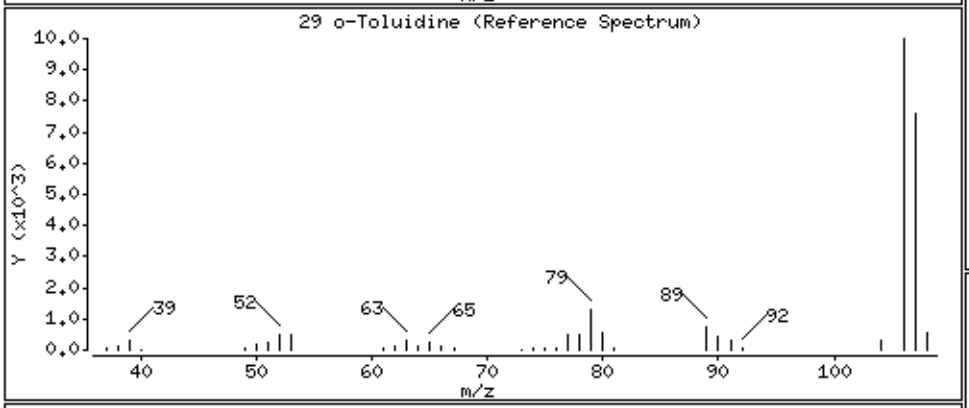
Concentration: 1240 ug/kg

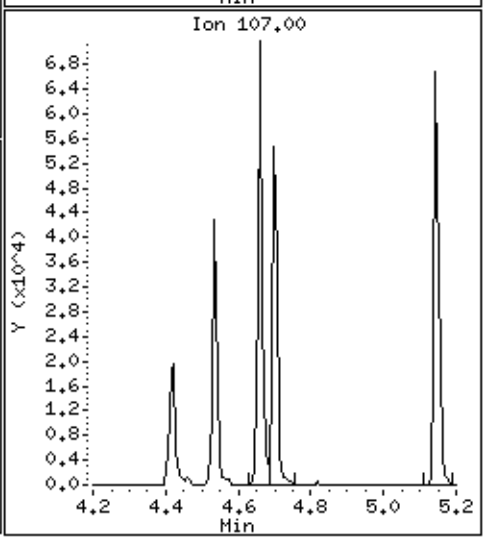


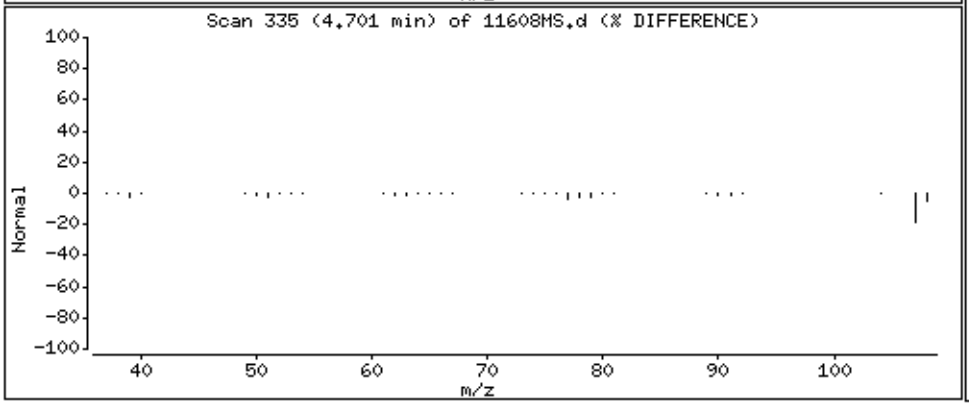












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Instrument: smsd04.i

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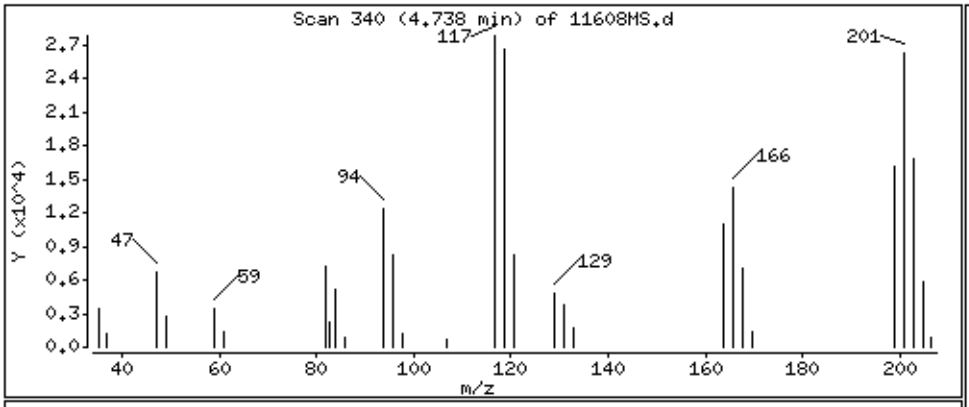
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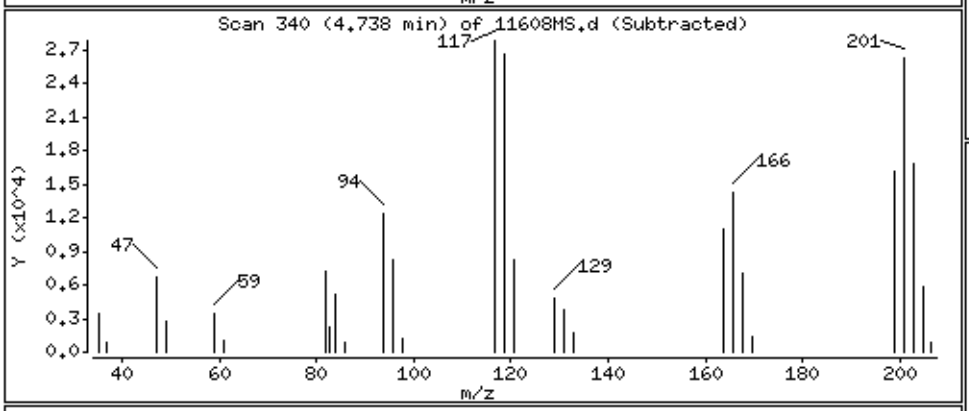
Column phase: HPMS-5

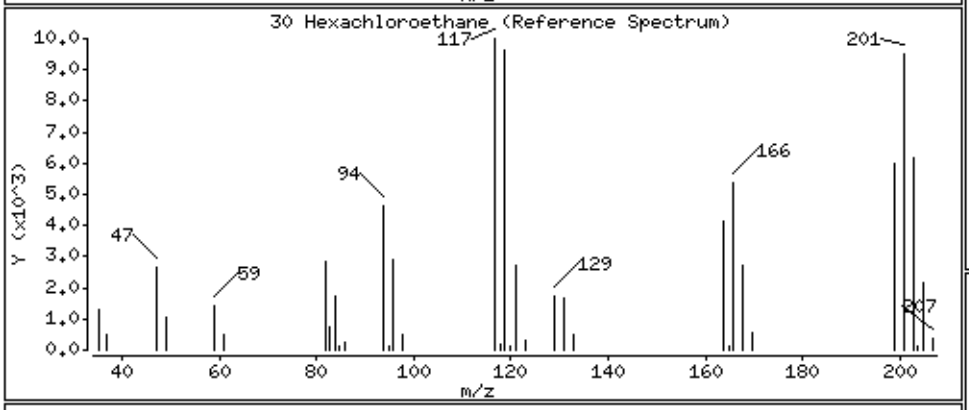
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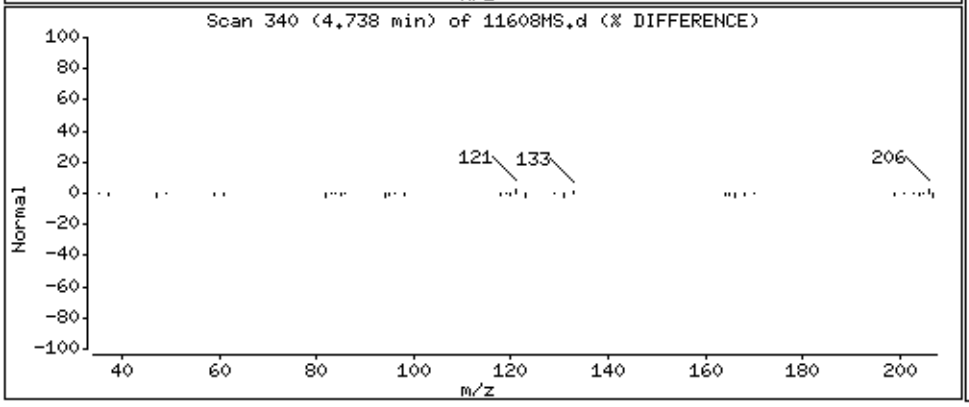
30 Hexachloroethane

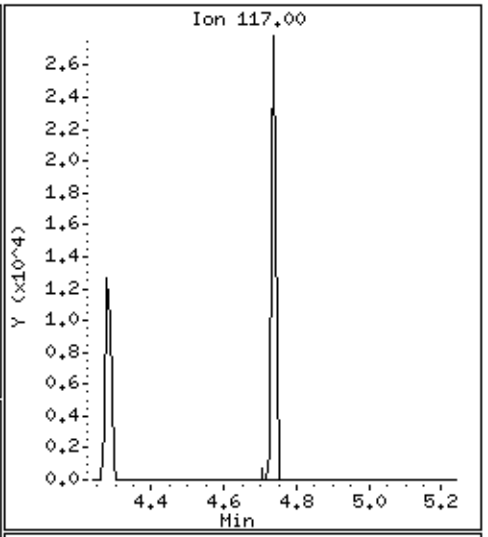
Concentration: 1460 ug/kg

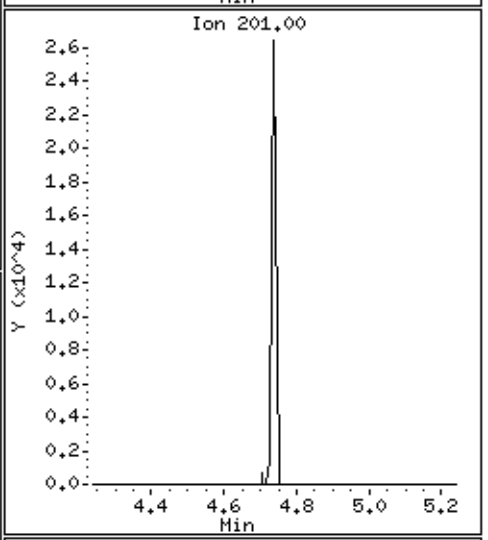


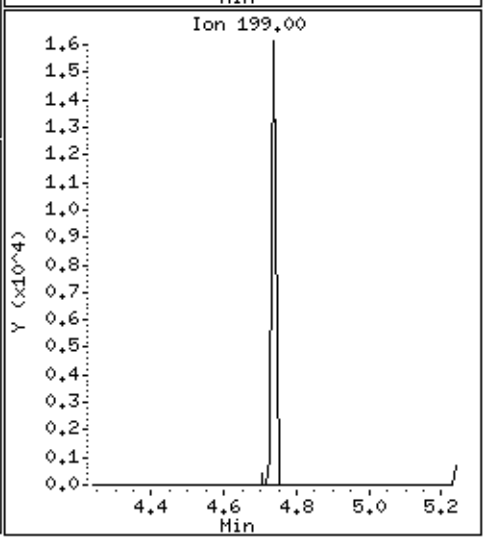












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Instrument: smsd04.i

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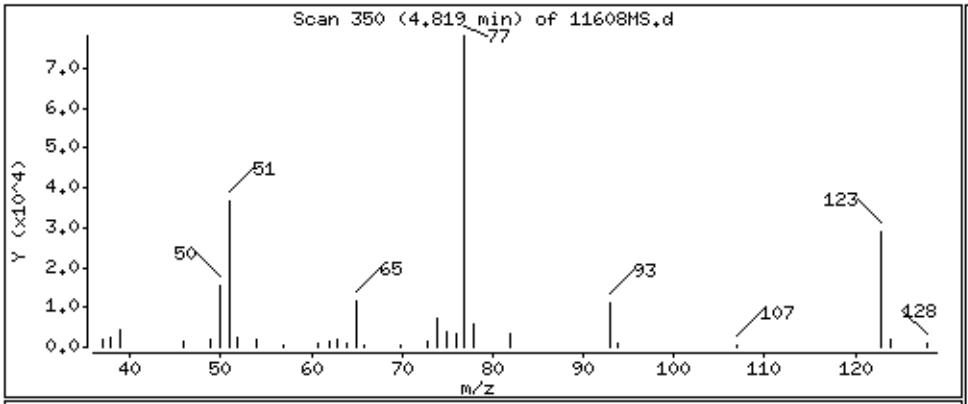
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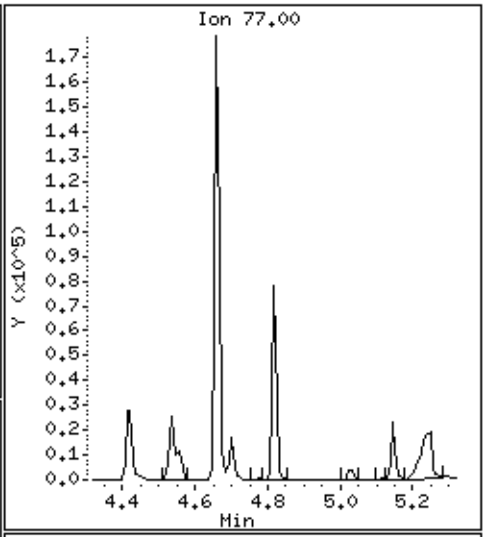
Column phase: HPMS-5

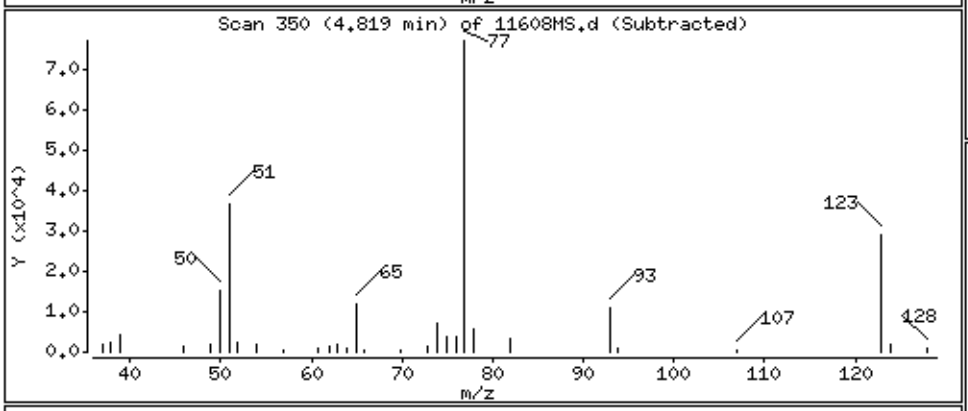
Column diameter: 0.25

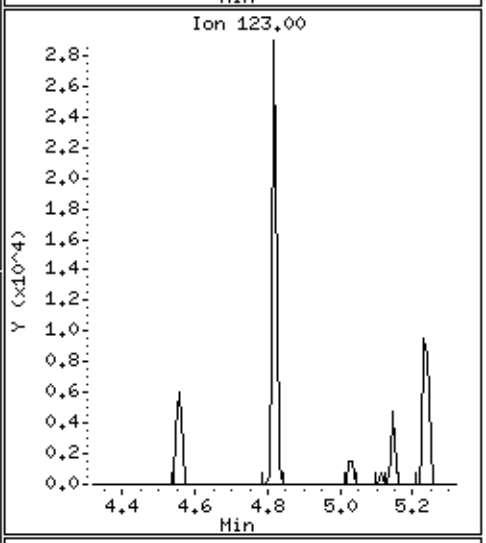
32 Nitrobenzene

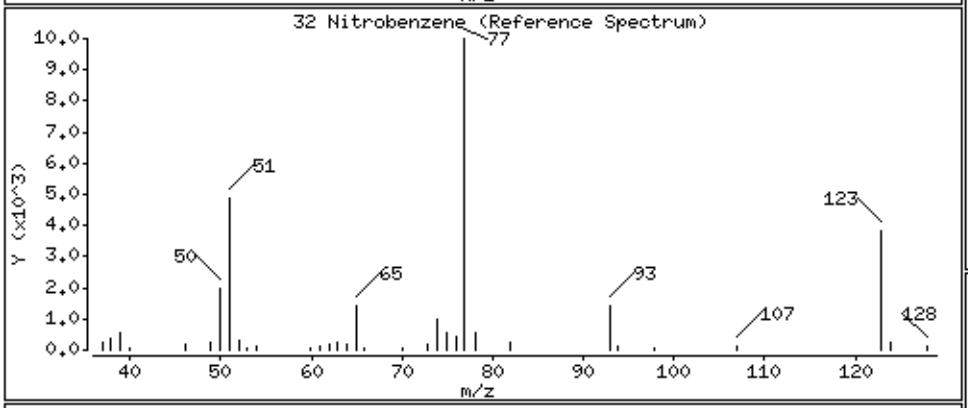
Concentration: 1510 ug/kg

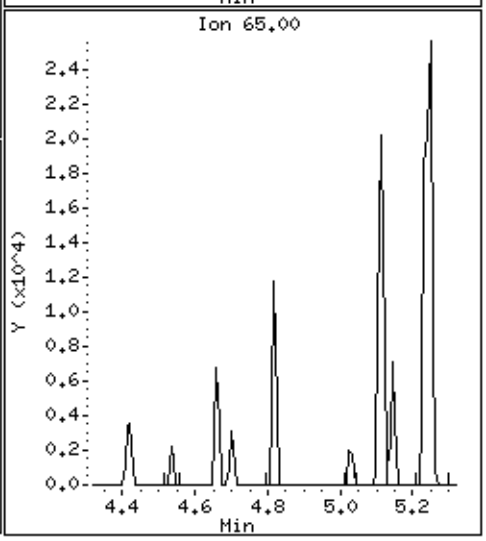


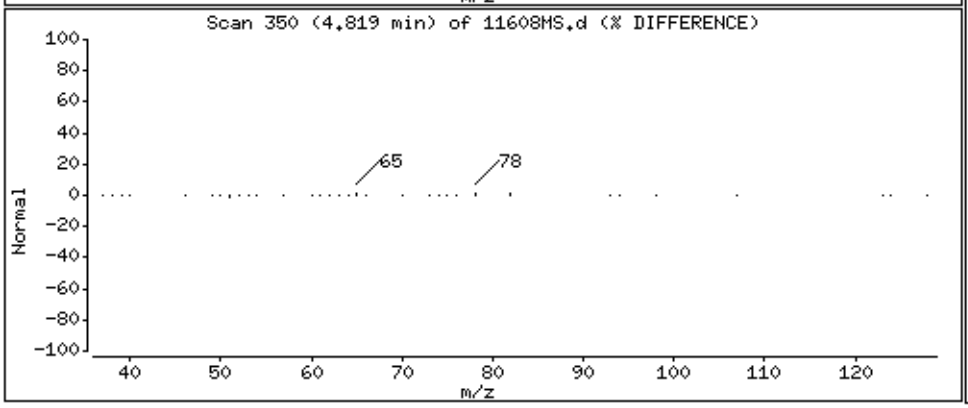












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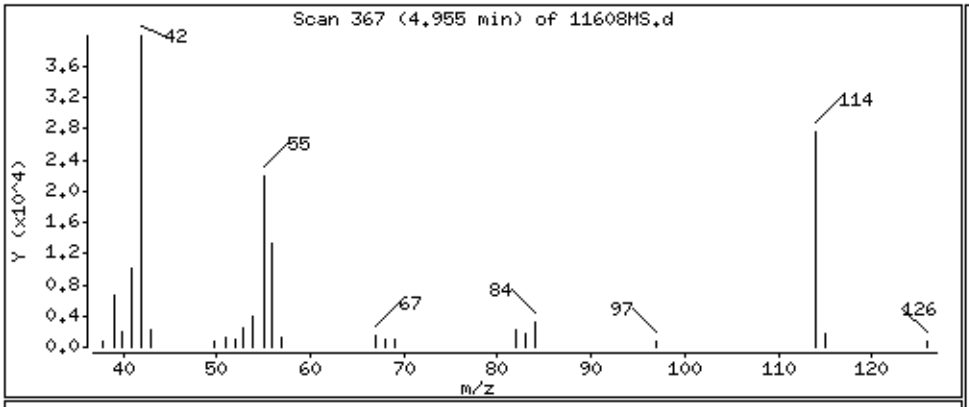
Operator: MJ

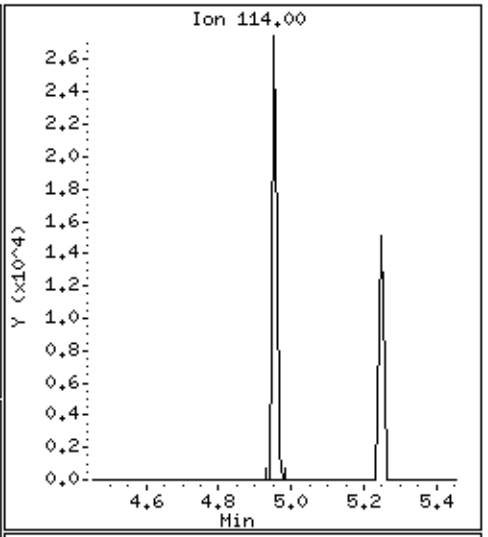
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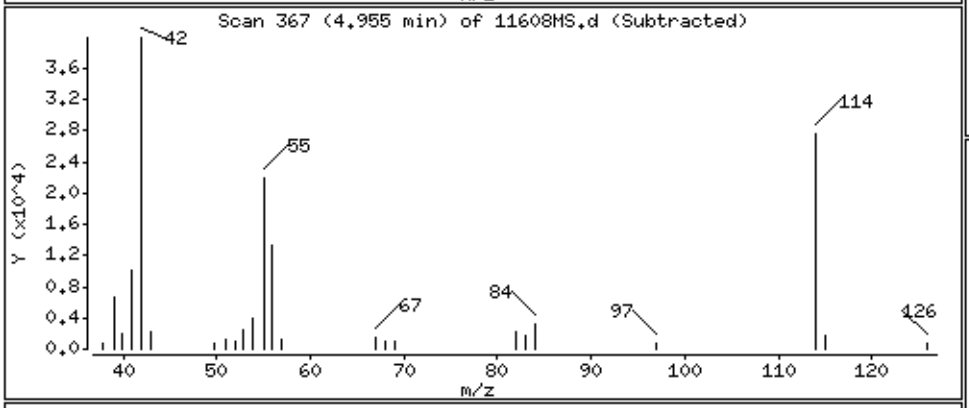
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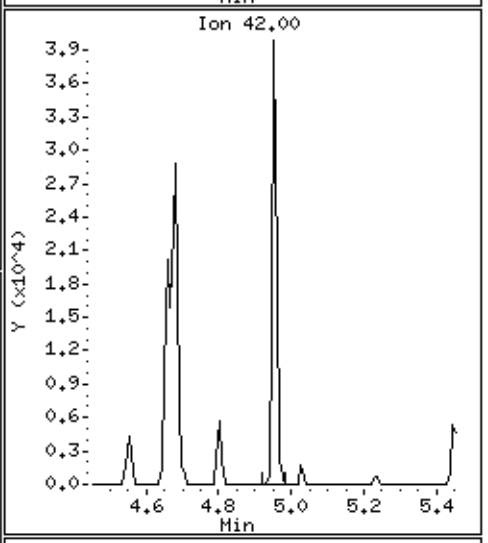
33 N-Nitrosopiperidine

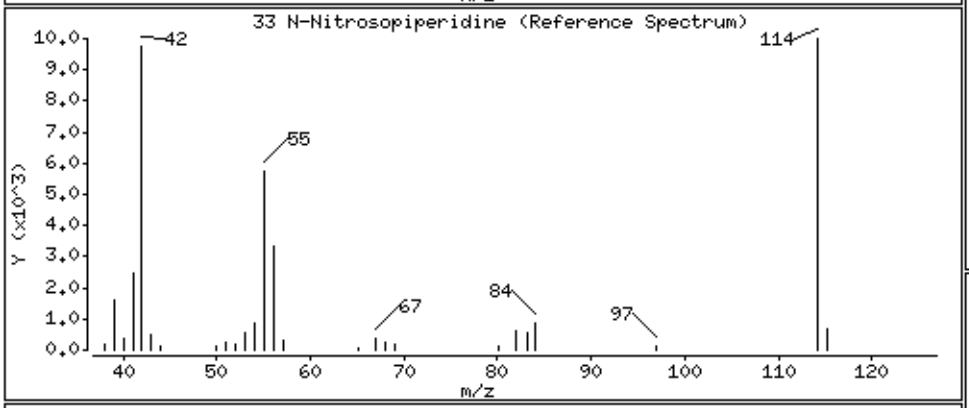
Concentration: 1460 ug/kg

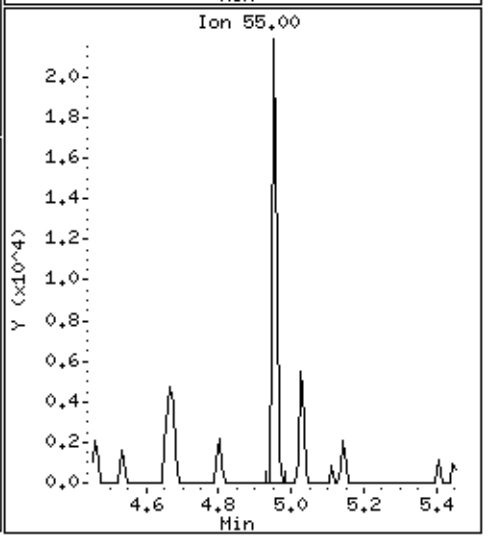


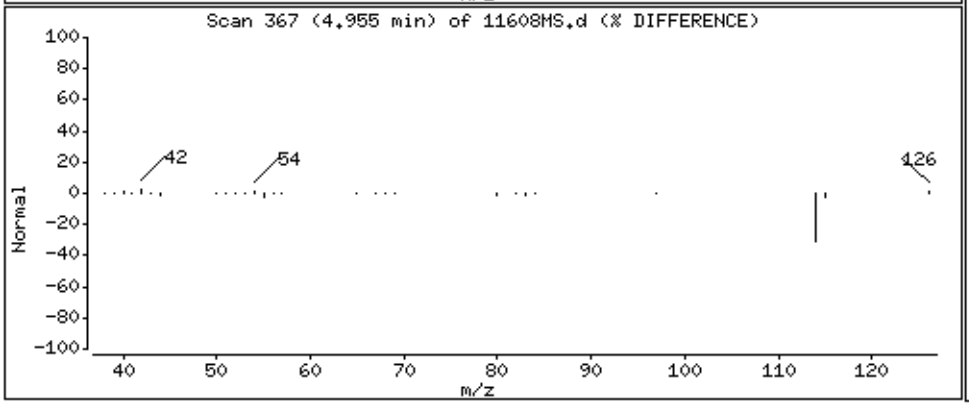












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Instrument: smsd04.i

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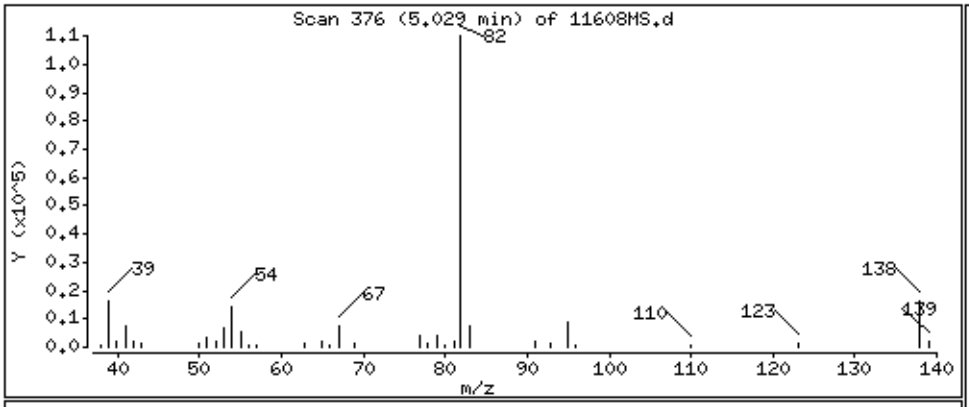
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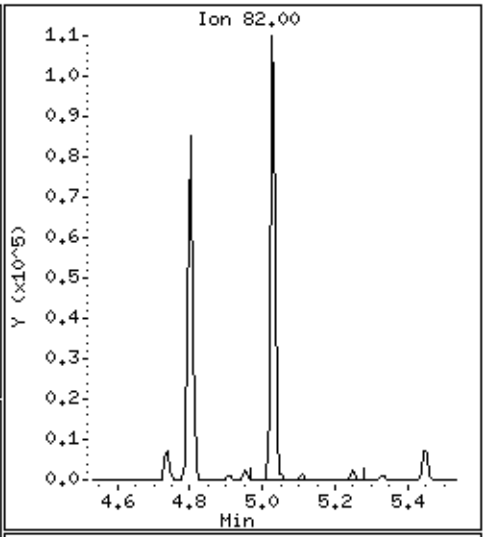
Column phase: HPMS-5

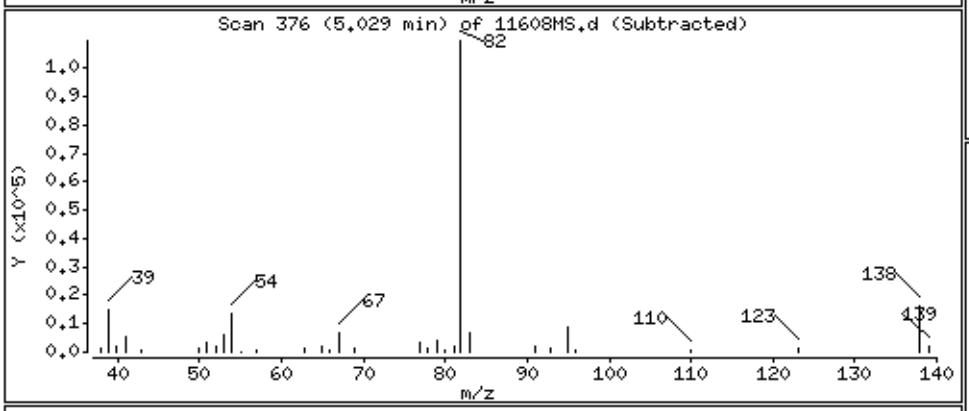
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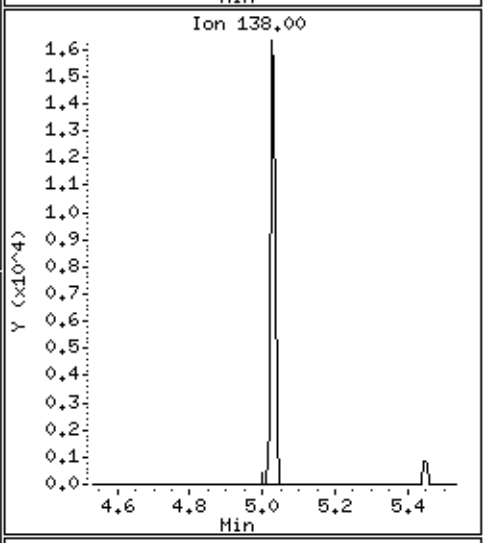
34 Isophorone

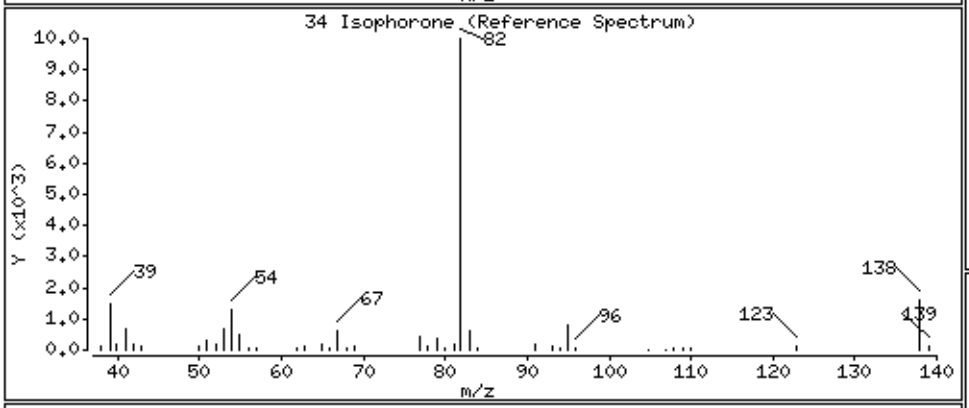
Concentration: 1450 ug/kg

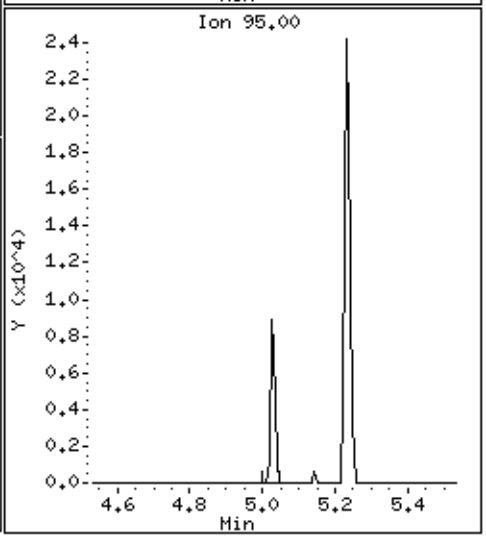


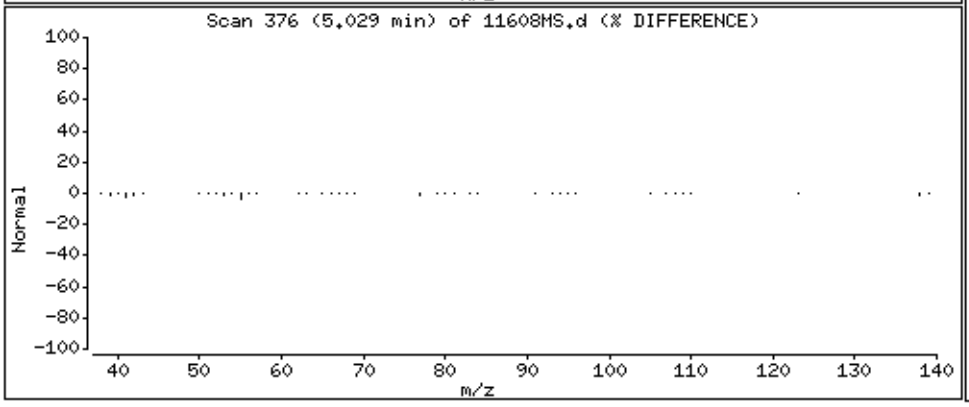












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Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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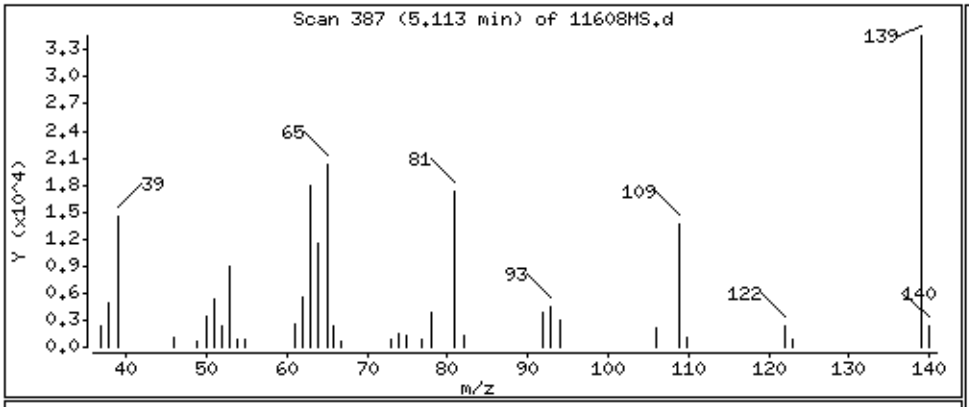
Operator: MJ

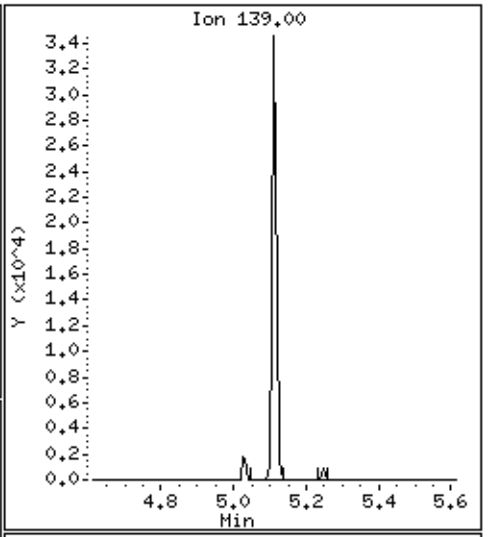
Column phase: HPMS-5

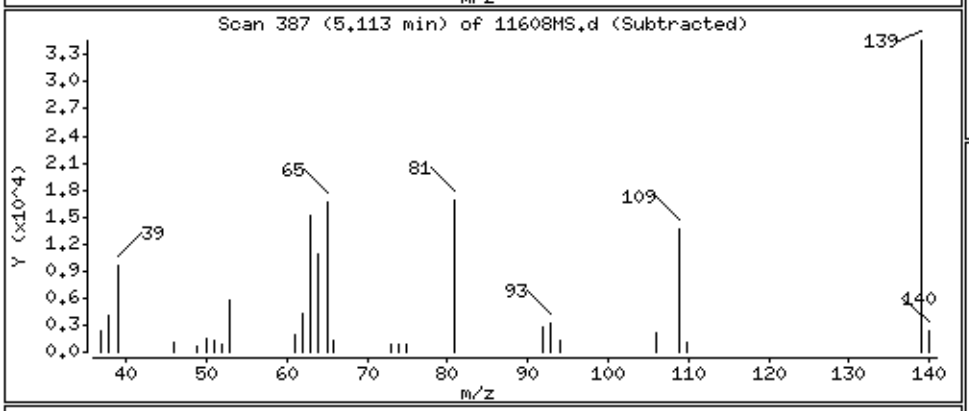
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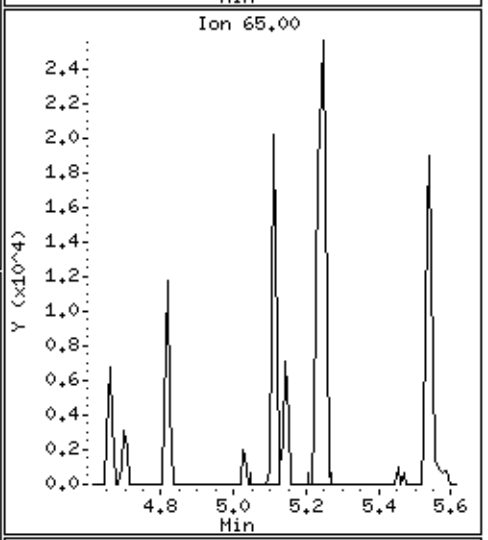
35 2-Nitrophenol

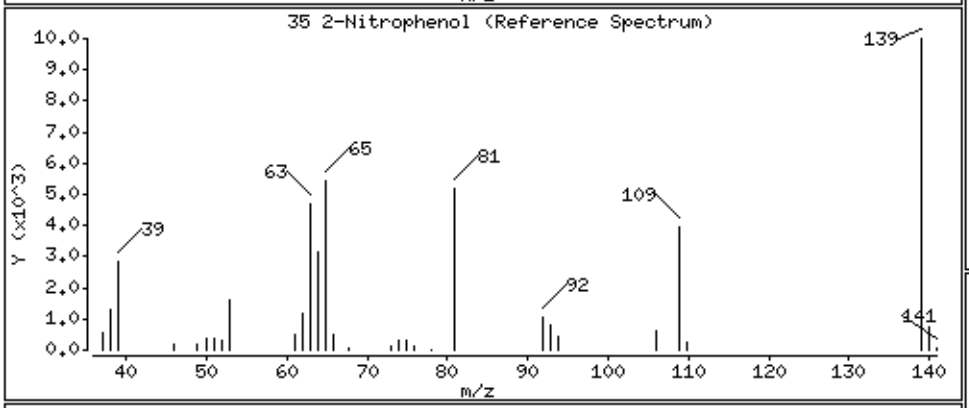
Concentration: 1610 ug/kg

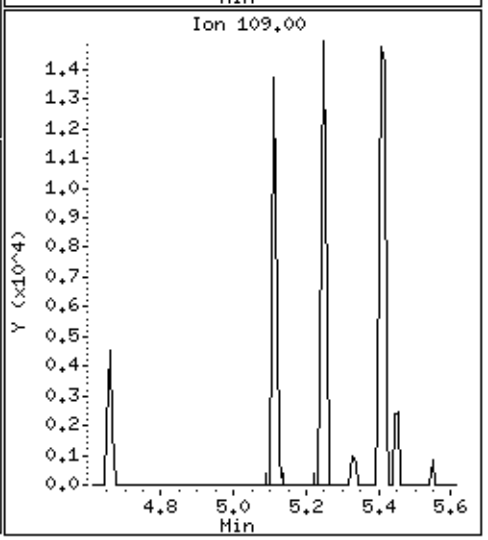


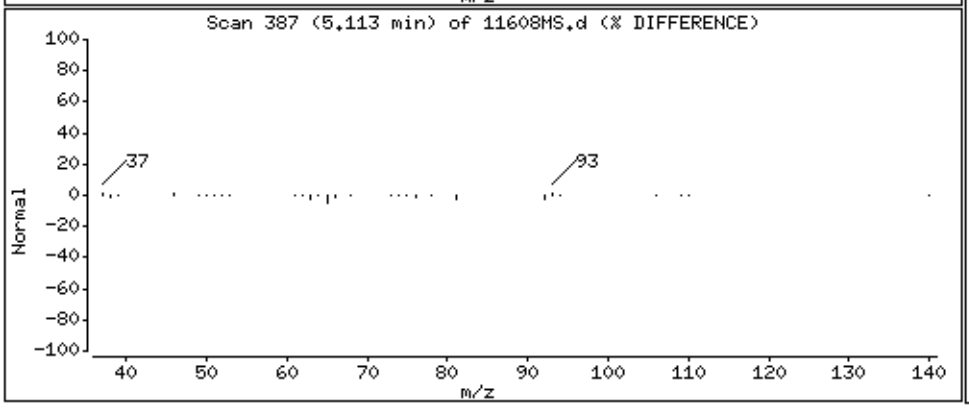












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

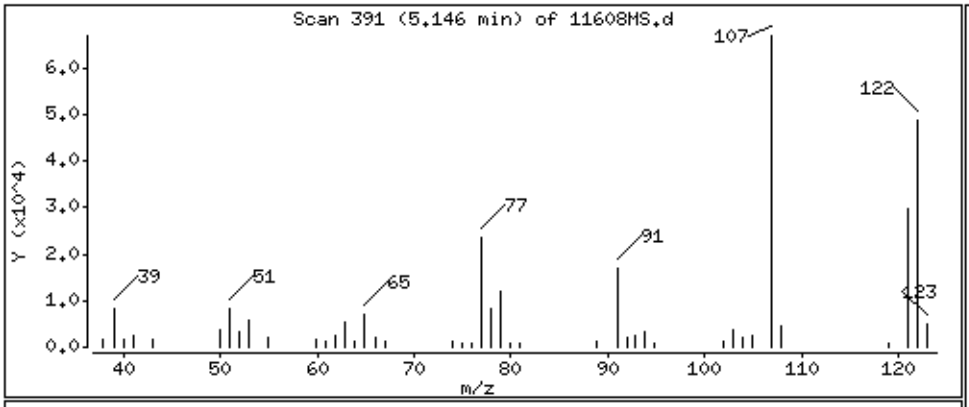
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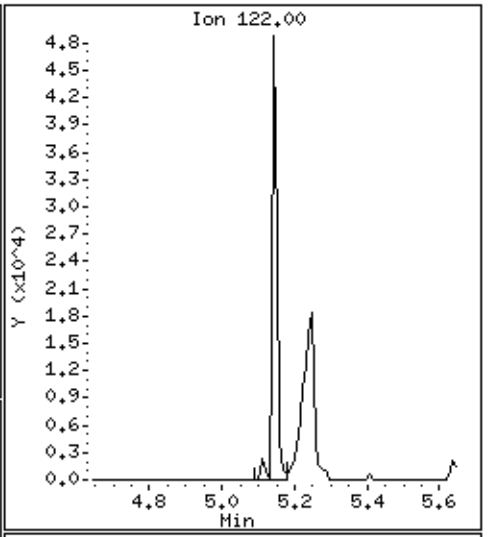
Column phase: HPMS-5

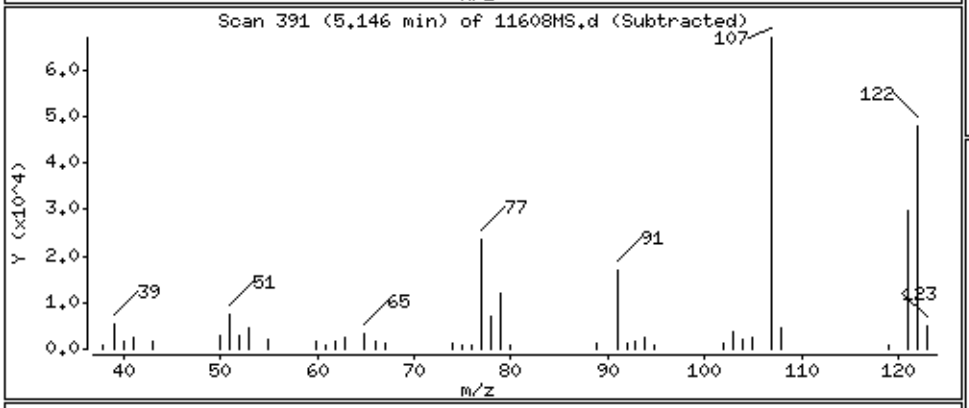
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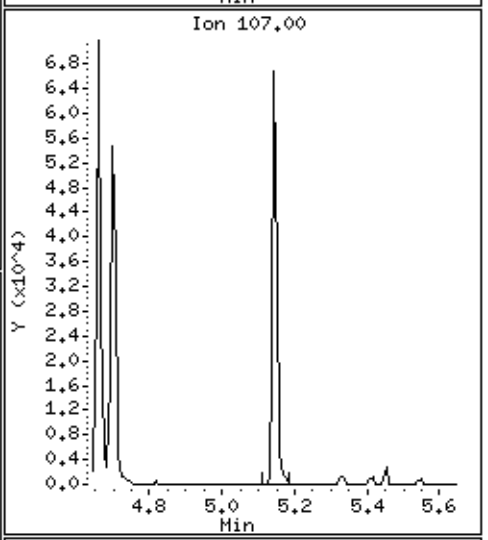
36 2,4-Dimethylphenol

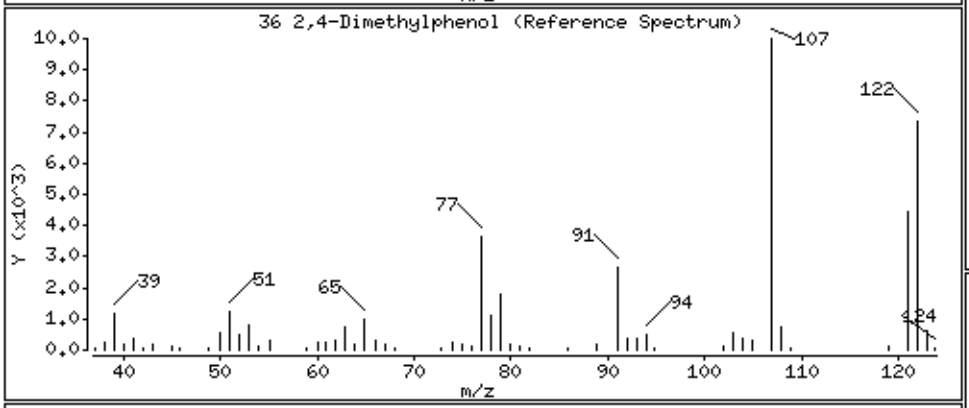
Concentration: 1640 ug/kg

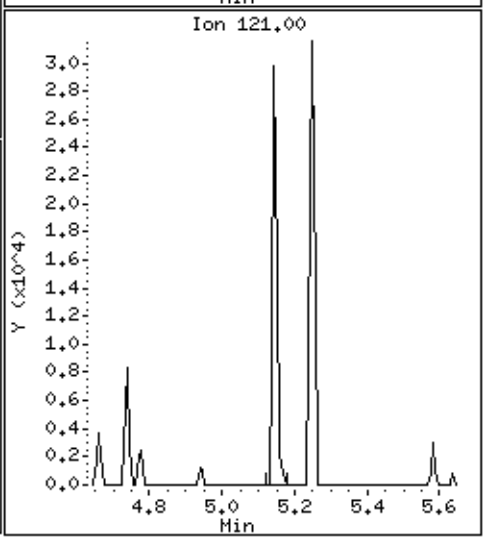


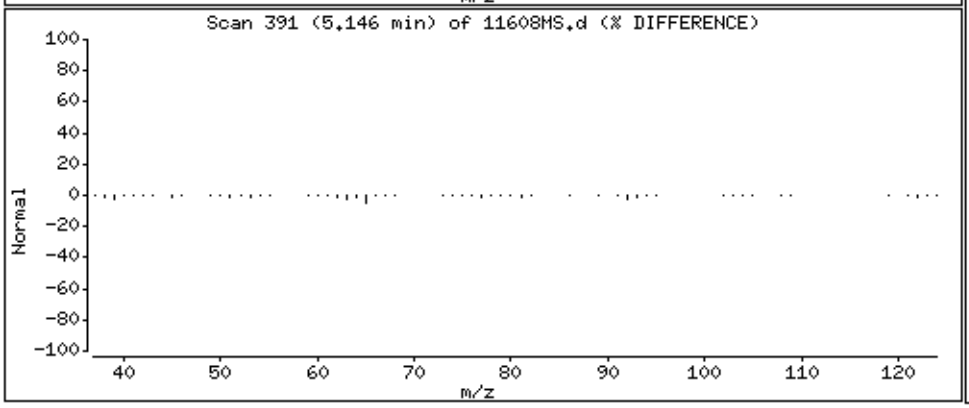












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

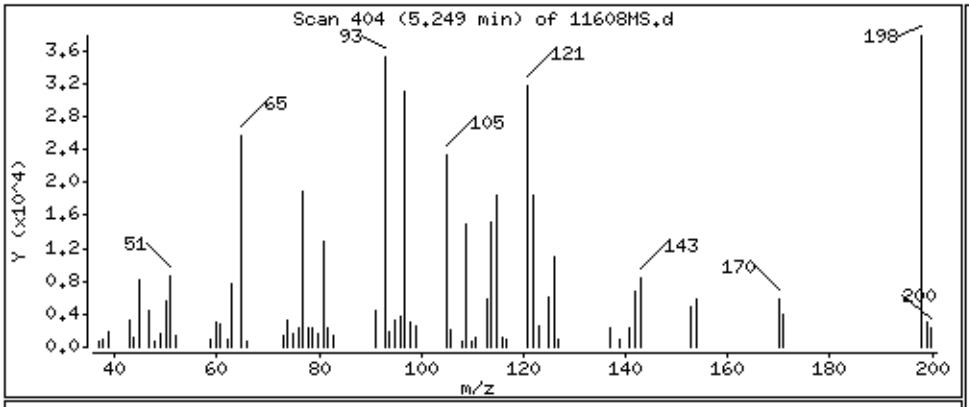
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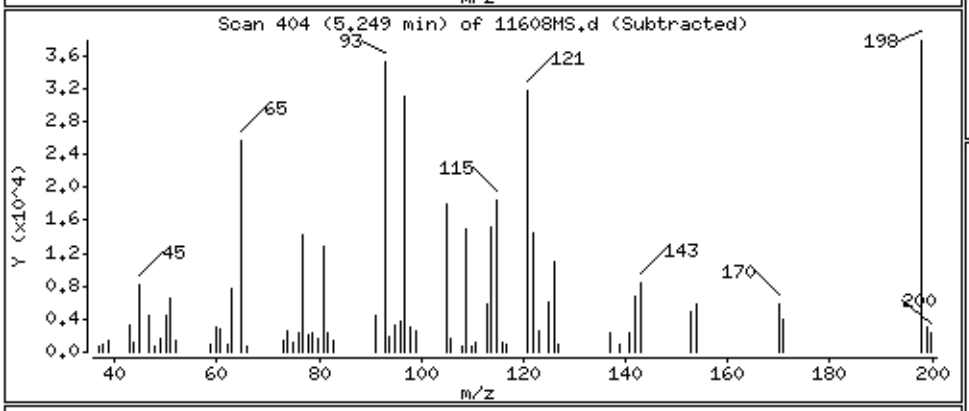
Column phase: HPMS-5

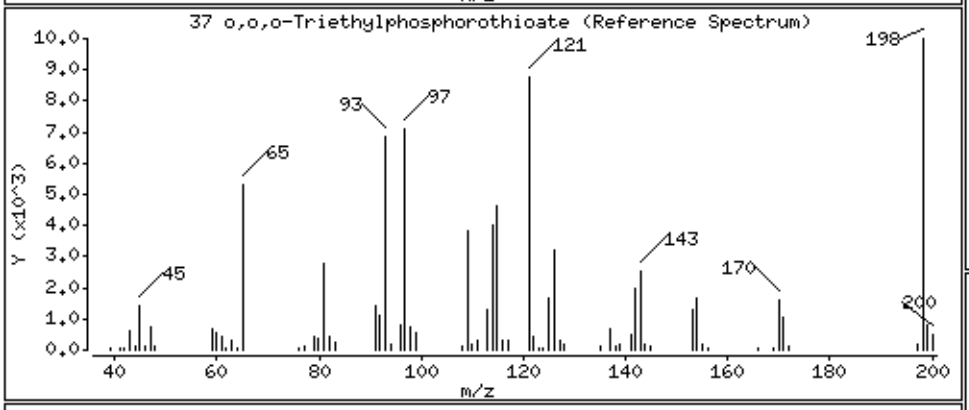
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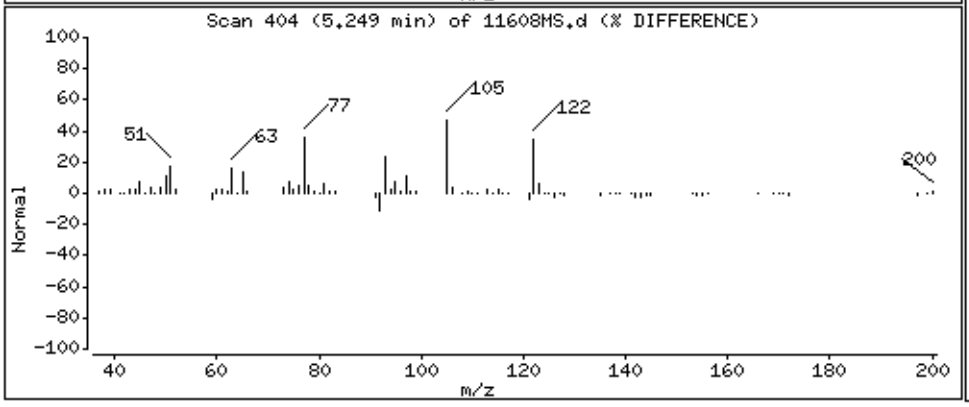
37 o,o,o-Triethylphosphorothioate

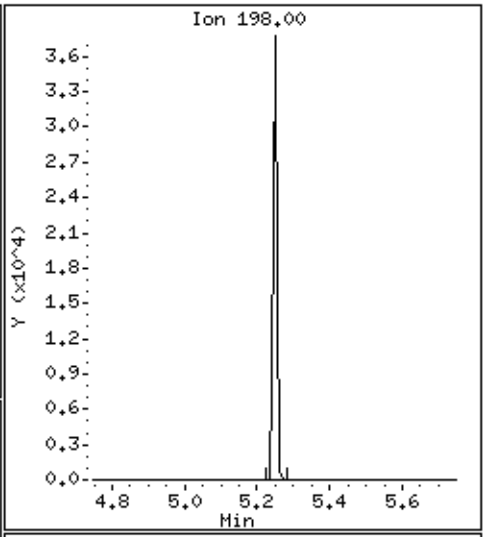
Concentration: 1400 ug/kg

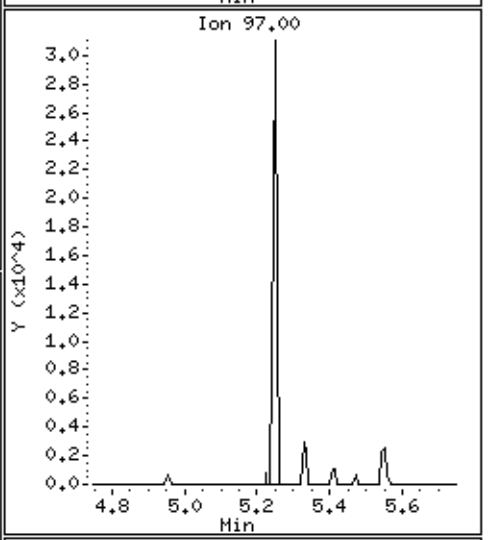


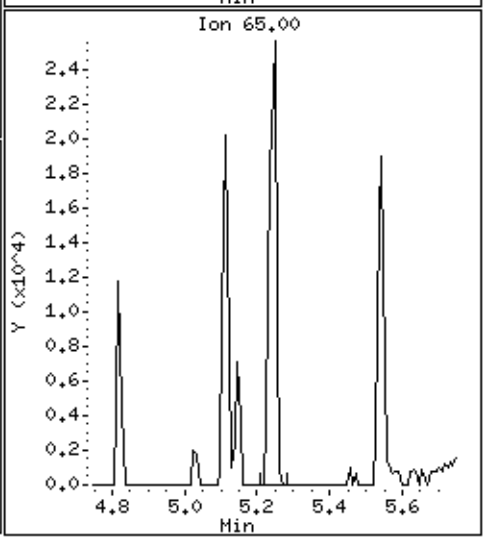












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

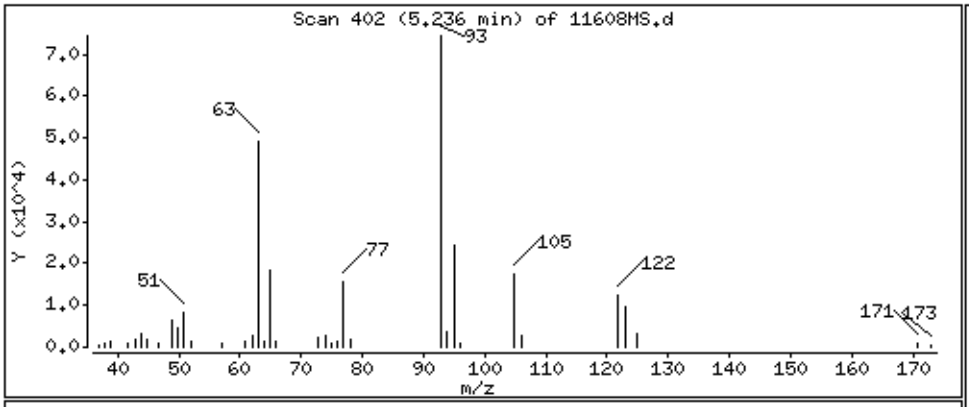
Operator: MJ

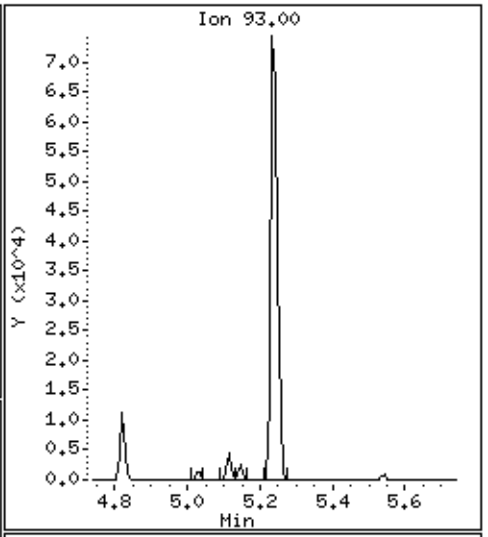
Column phase: HPMS-5

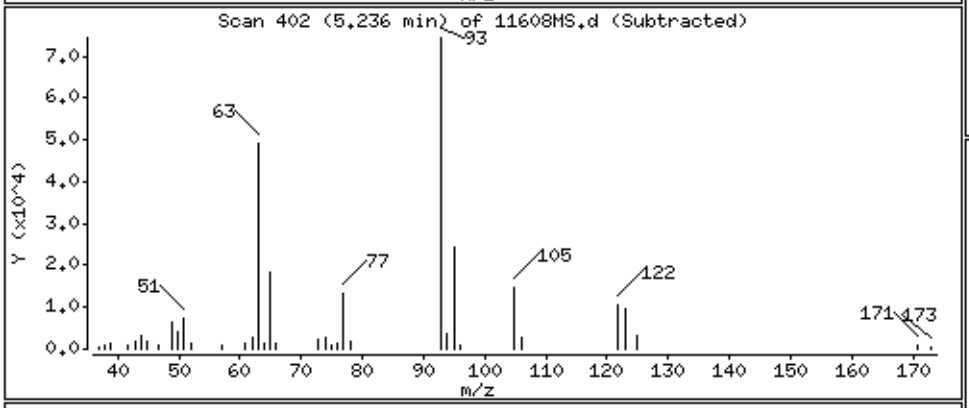
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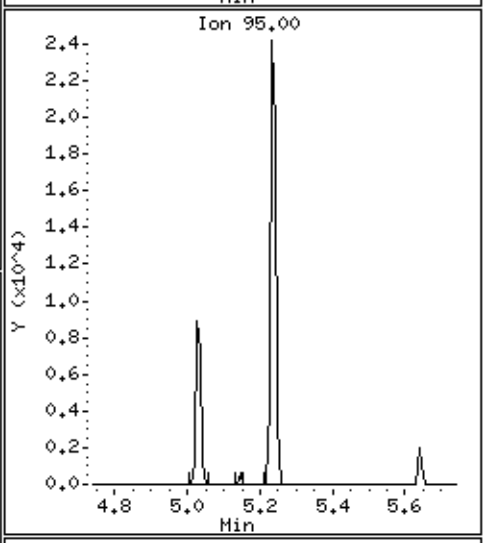
38 Bis(2-Chloroethoxy)methane

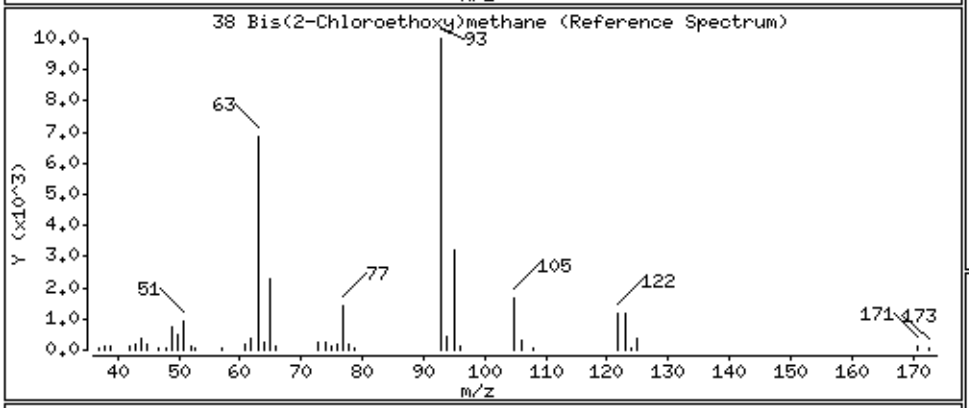
Concentration: 2090 ug/kg

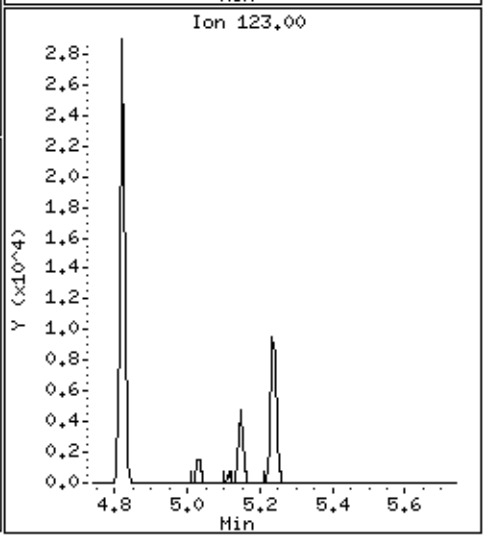


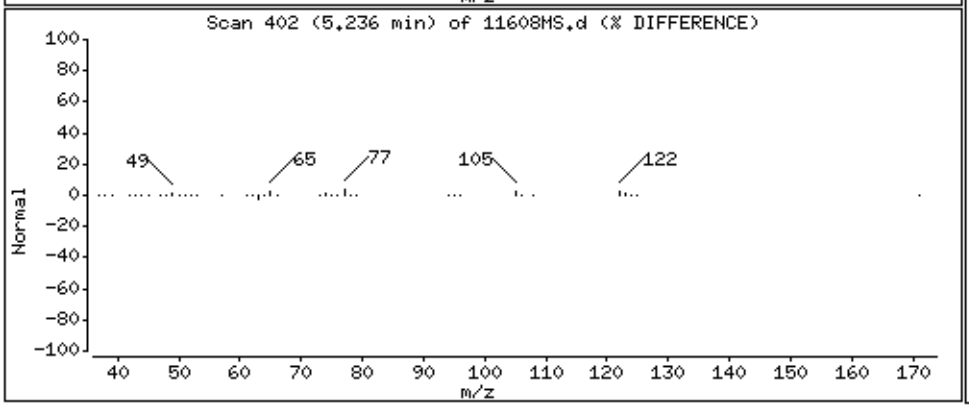












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

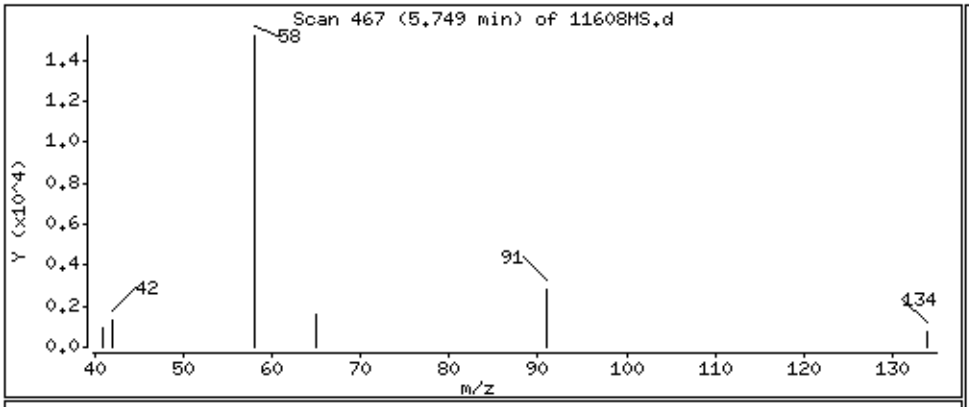
Operator: MJ

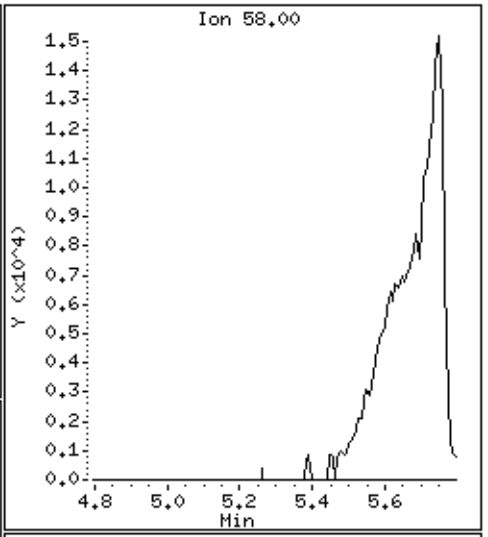
Column phase: HPMS-5

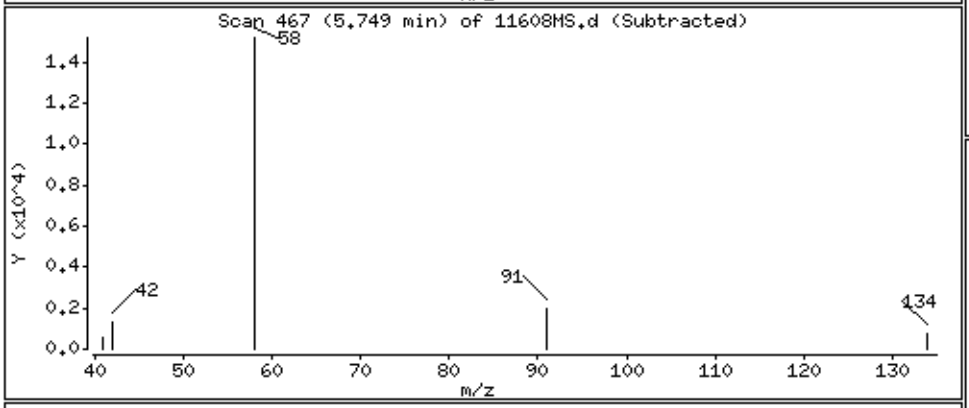
Column diameter: 0.25

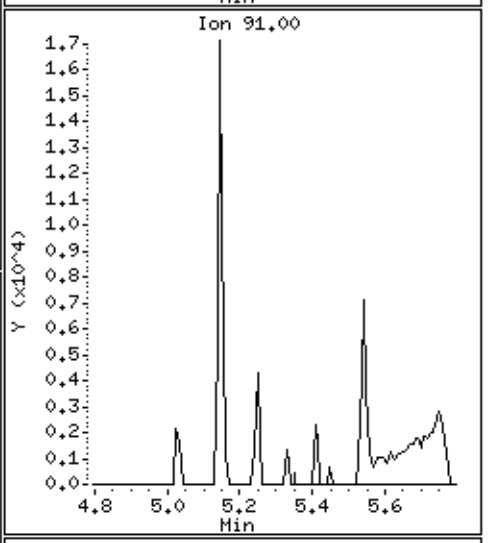
39 a,a-Dimethylphenethylamine

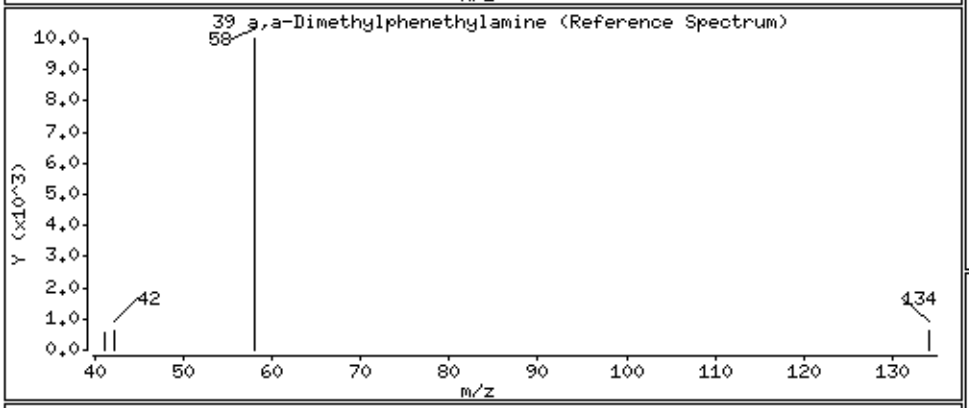
Concentration: 1260 ug/kg

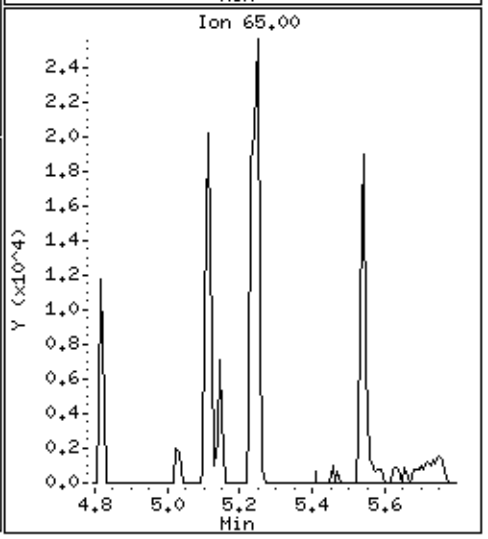


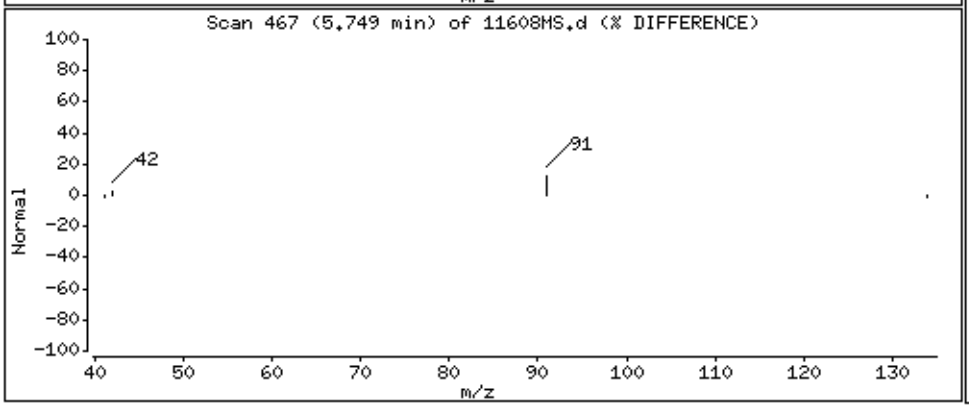












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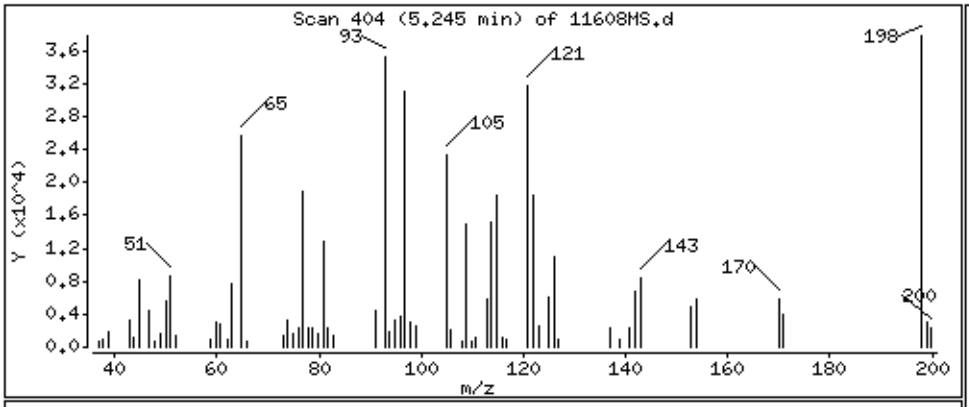
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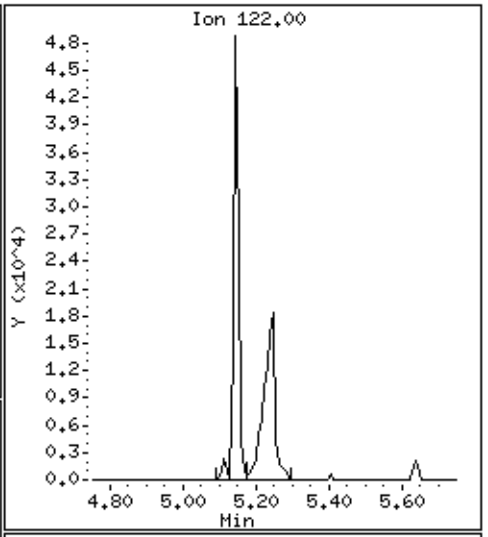
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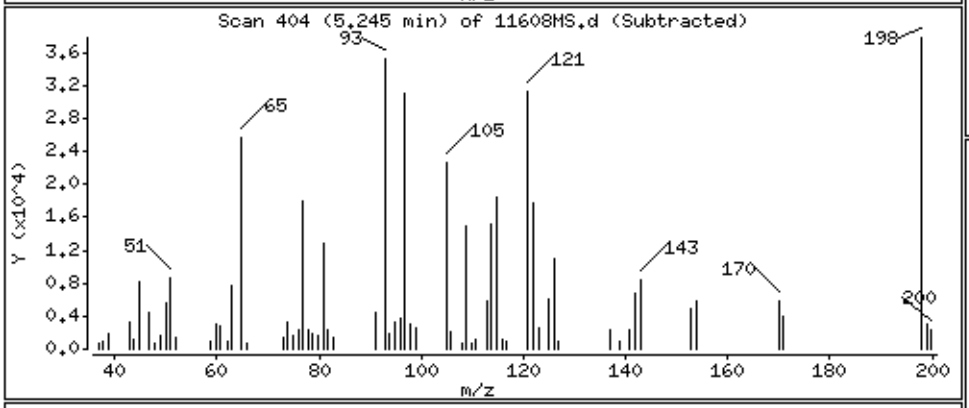
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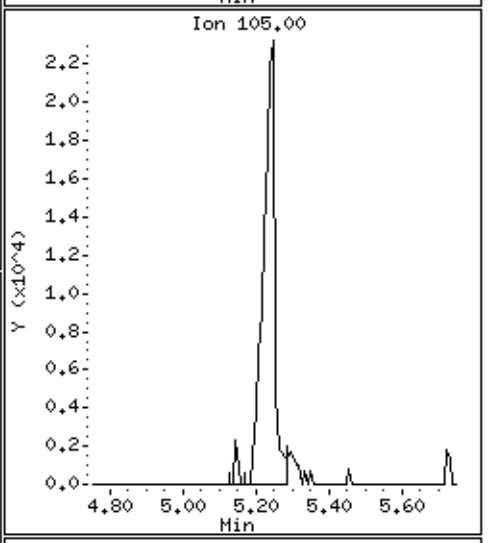
40 Benzoic Acid

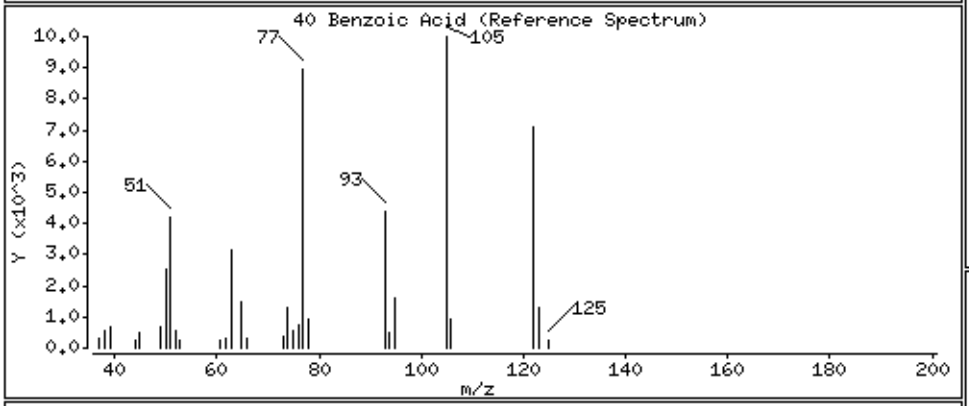
Concentration: 2030 ug/kg

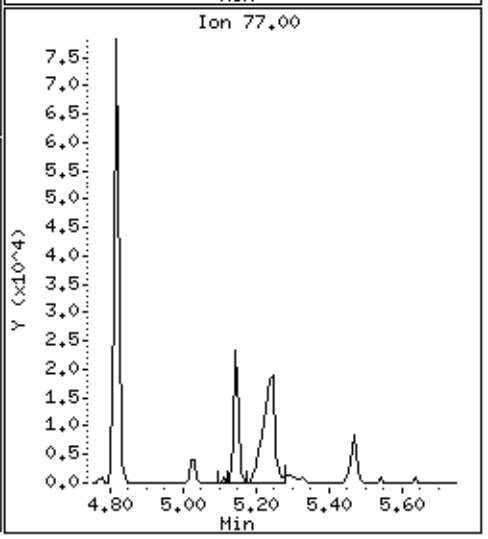


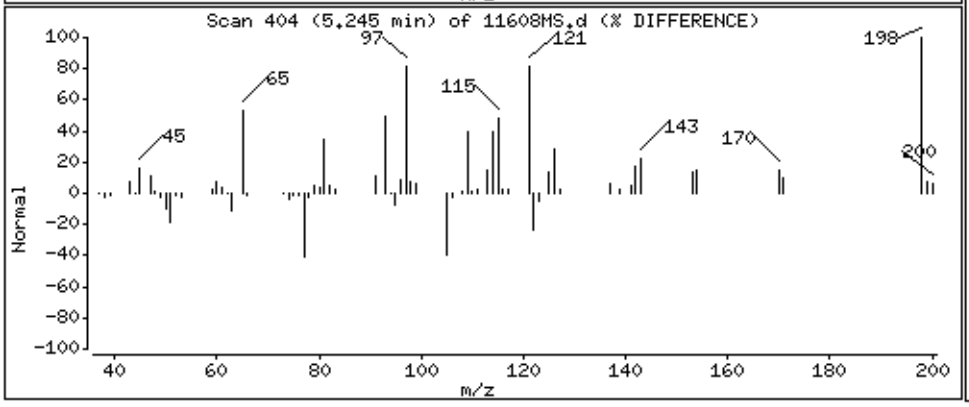












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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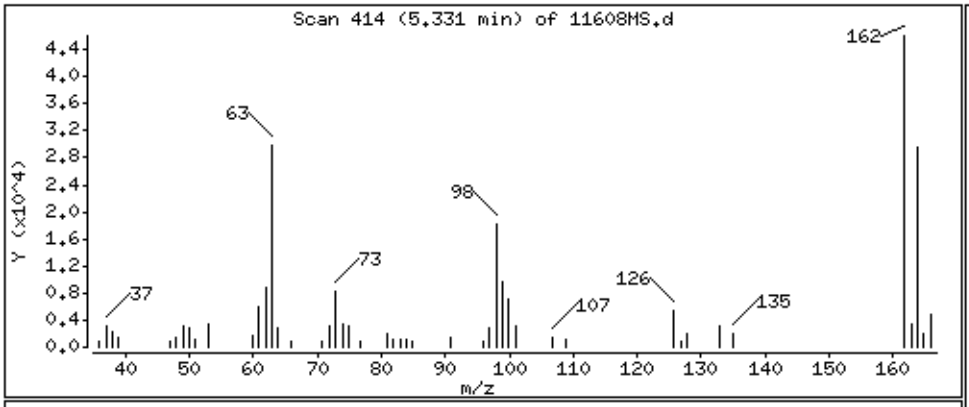
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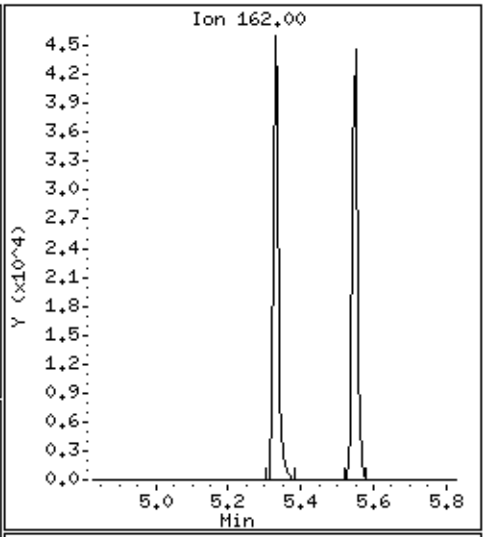
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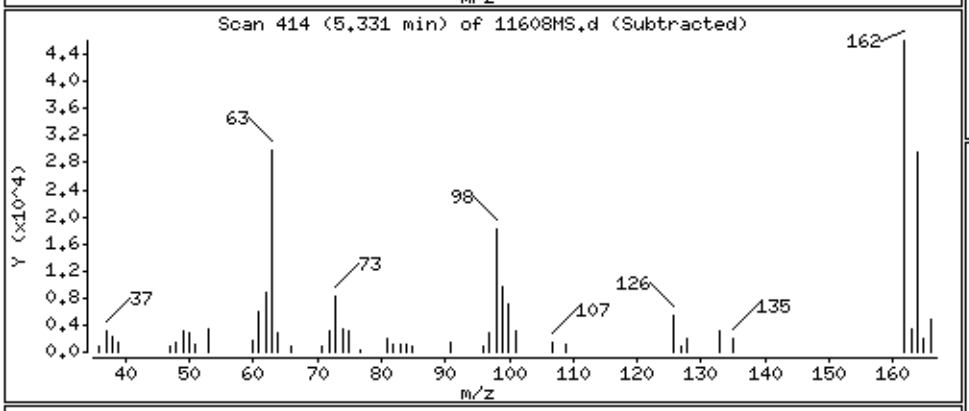
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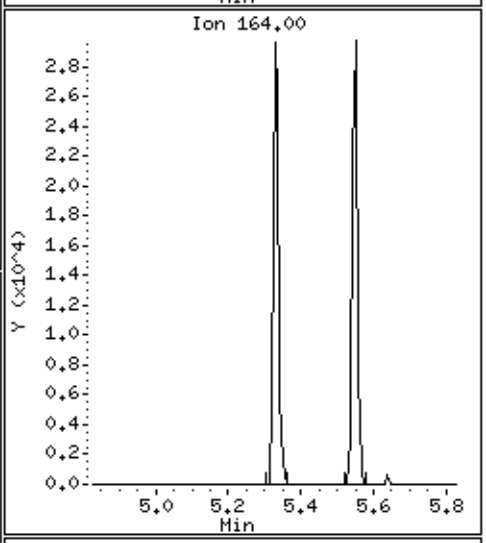
41 2,4-Dichlorophenol

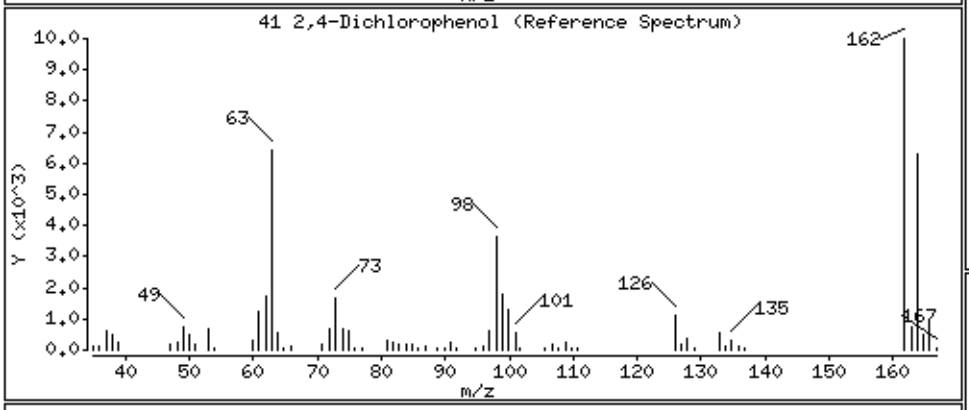
Concentration: 1580 ug/kg

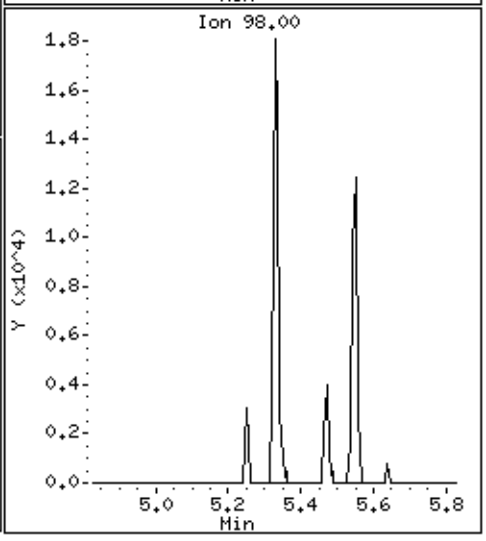


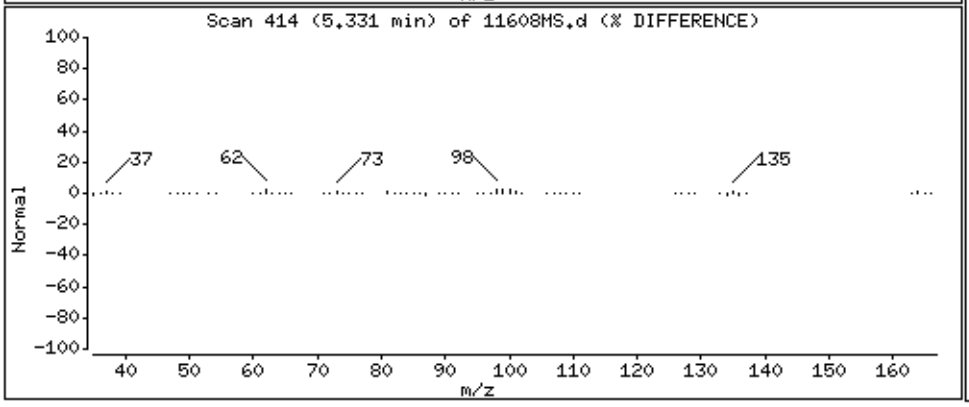












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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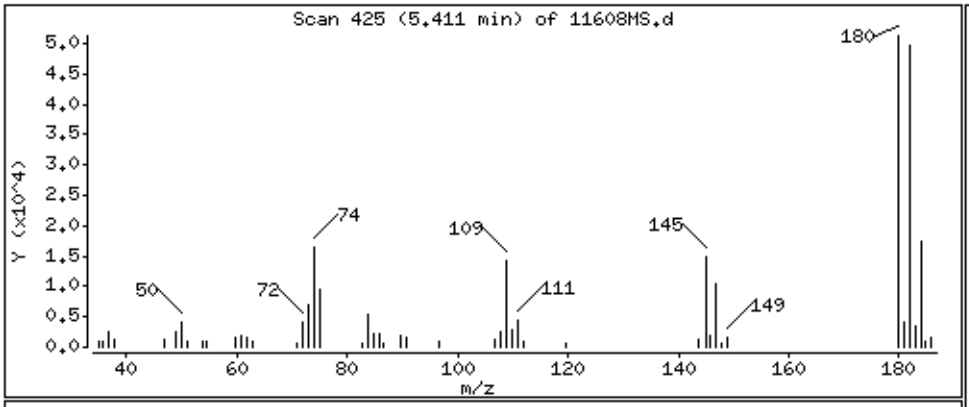
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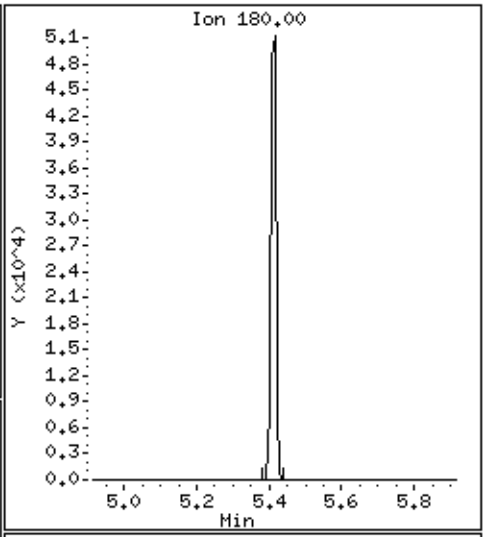
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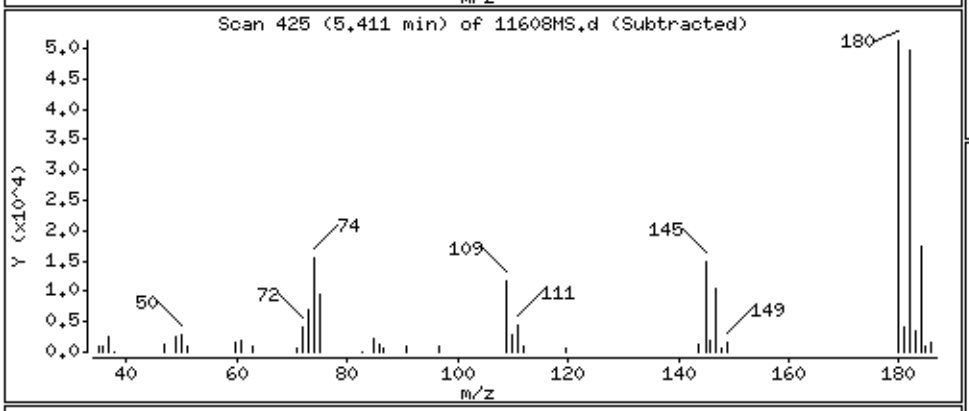
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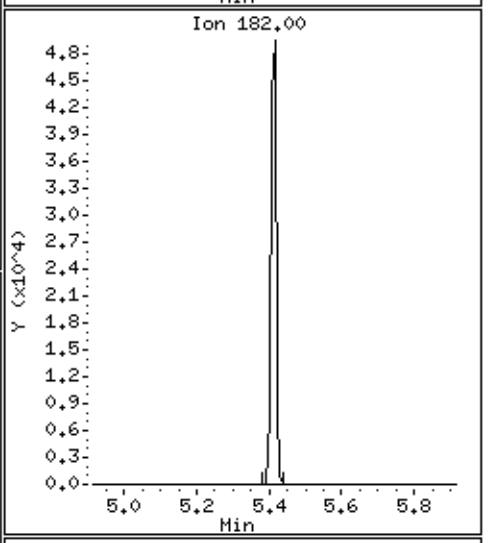
42 1,2,4-Trichlorobenzene

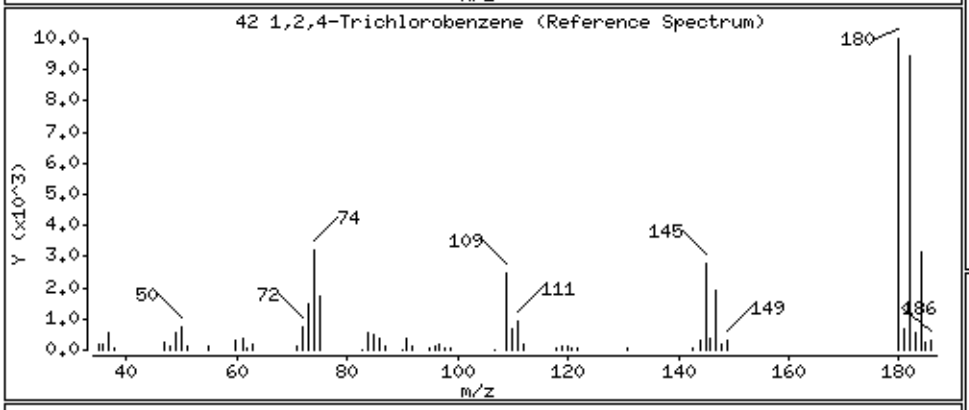
Concentration: 1540 ug/kg

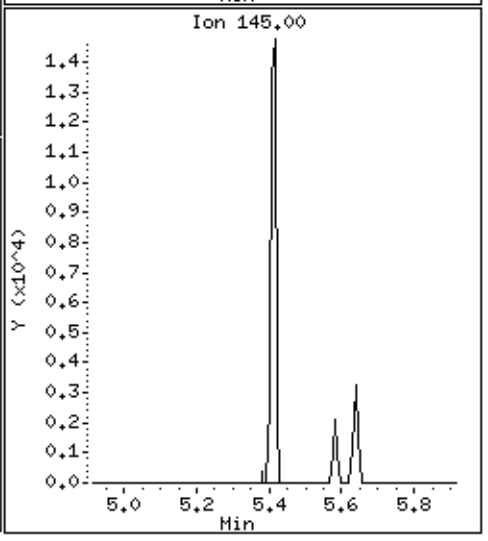


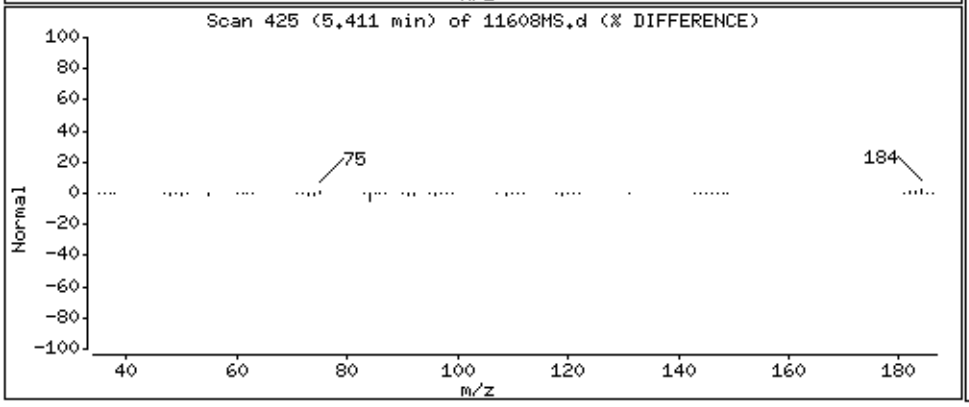












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

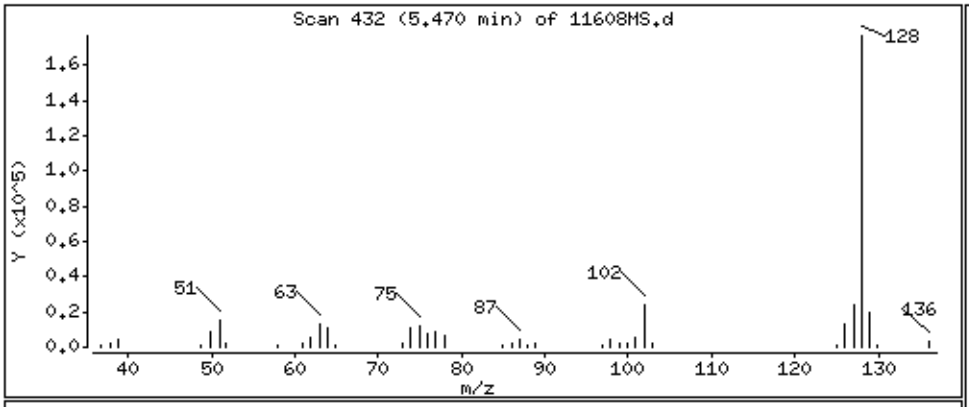
Operator: MJ

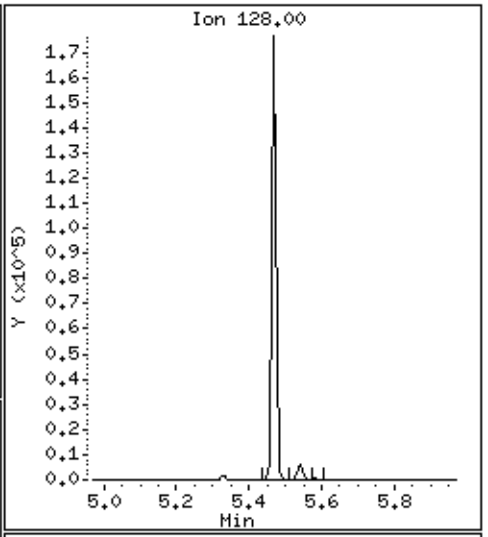
Column phase: HPMS-5

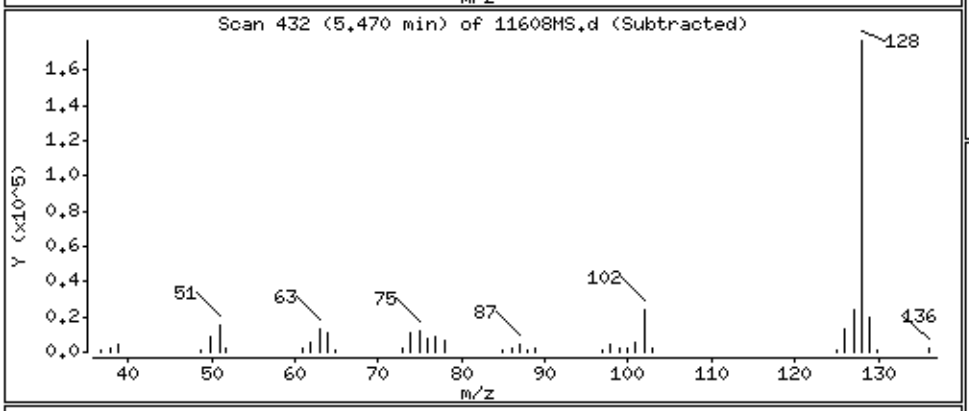
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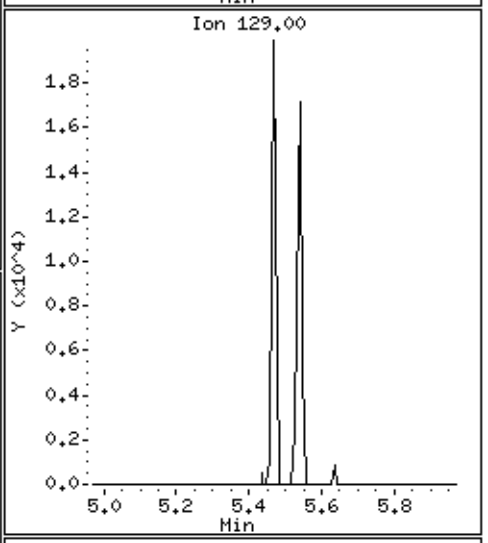
44 Naphthalene

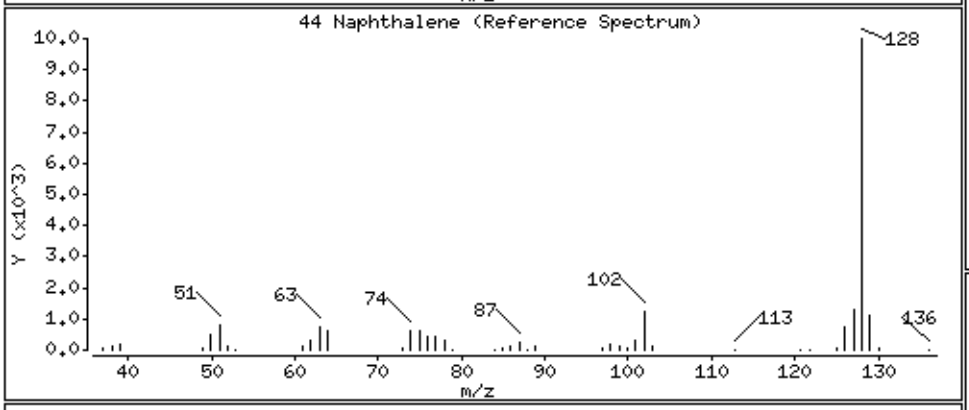
Concentration: 1600 ug/kg

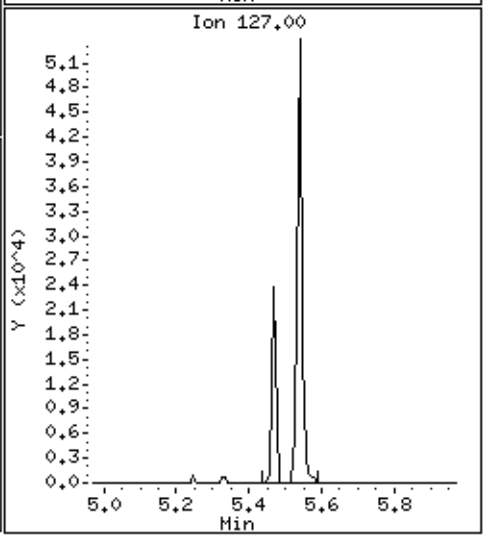


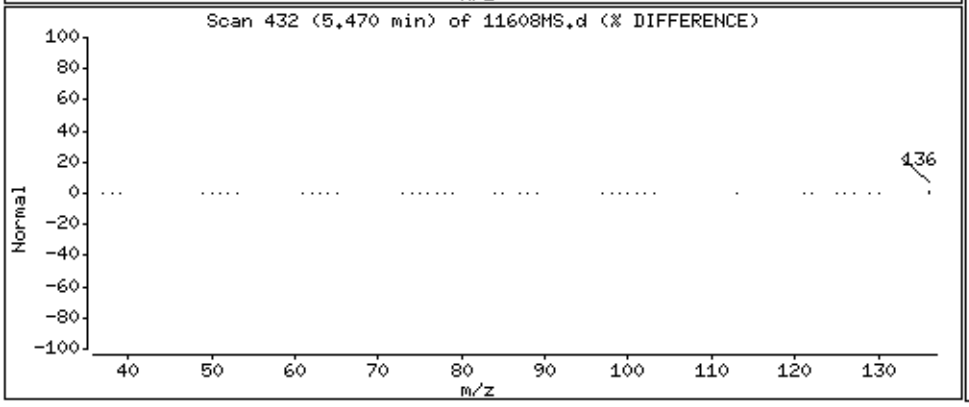












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

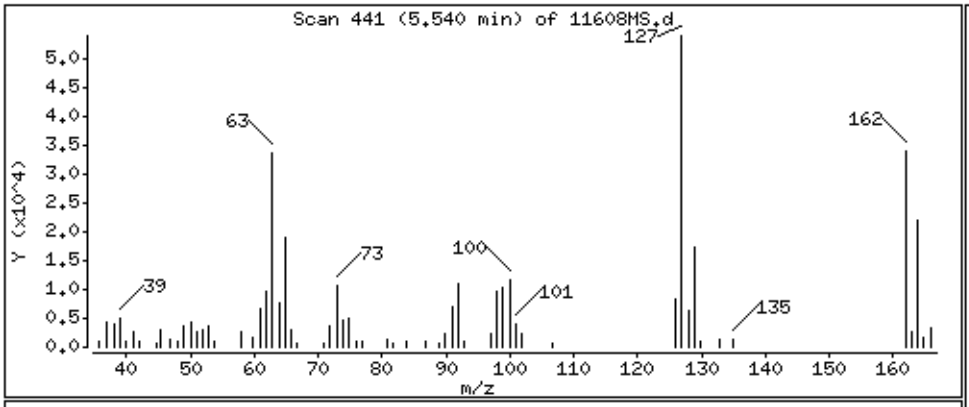
Operator: MJ

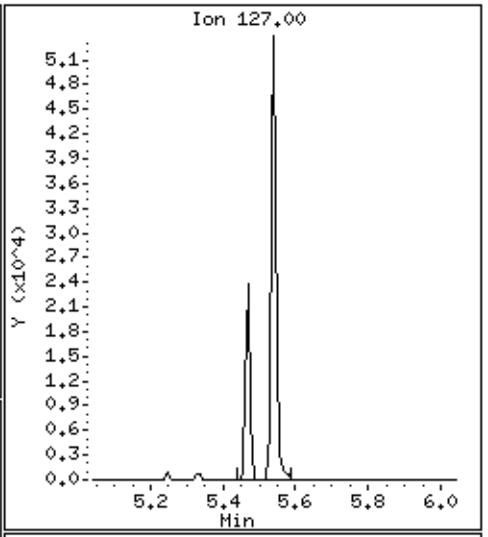
Column phase: HPMS-5

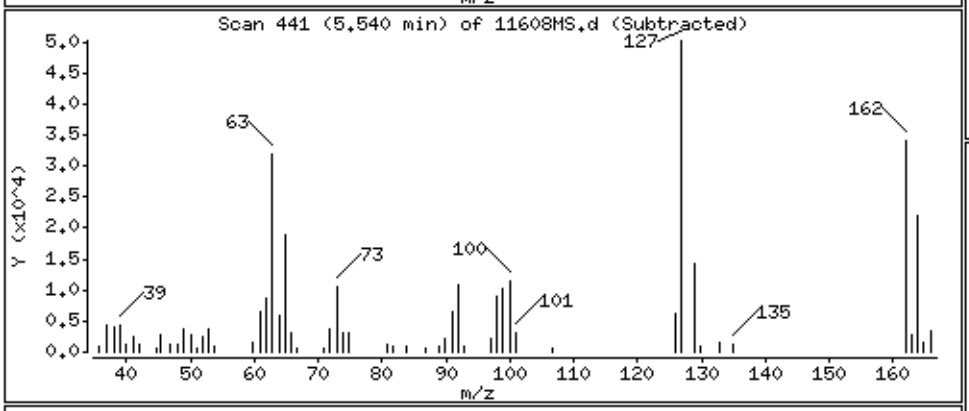
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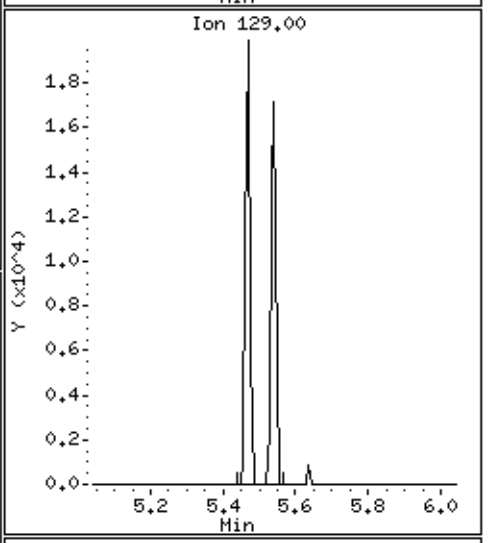
45 4-Chloroaniline

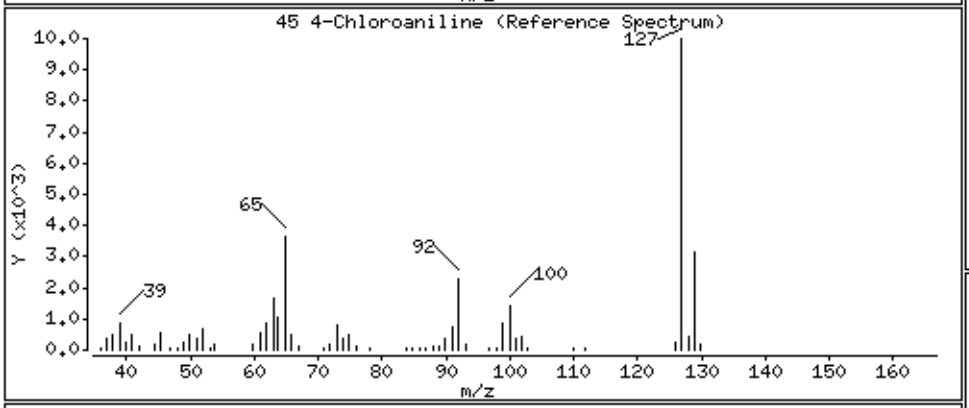
Concentration: 1430 ug/kg

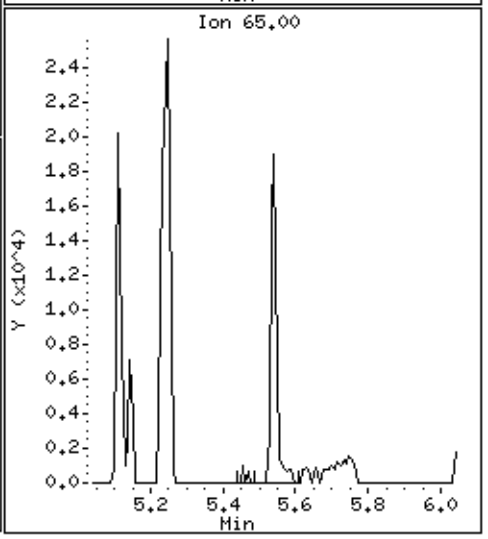


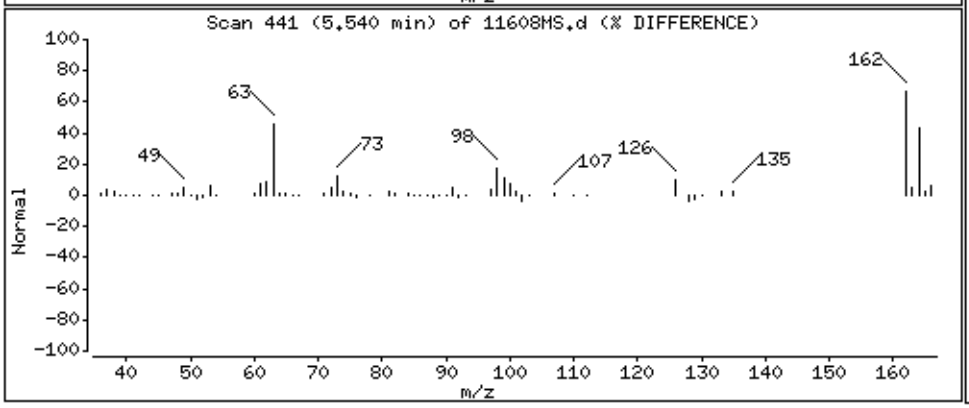












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

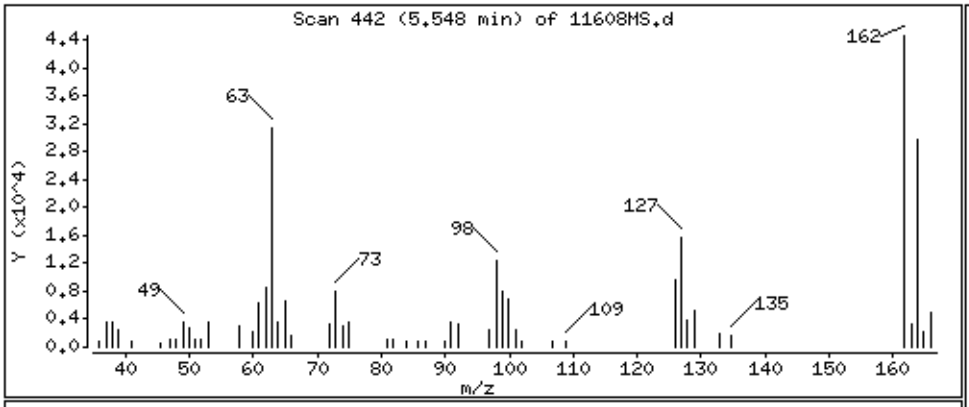
Operator: MJ

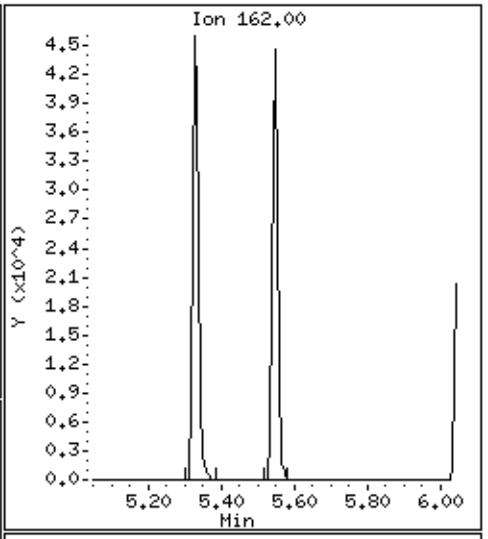
Column phase: HPMS-5

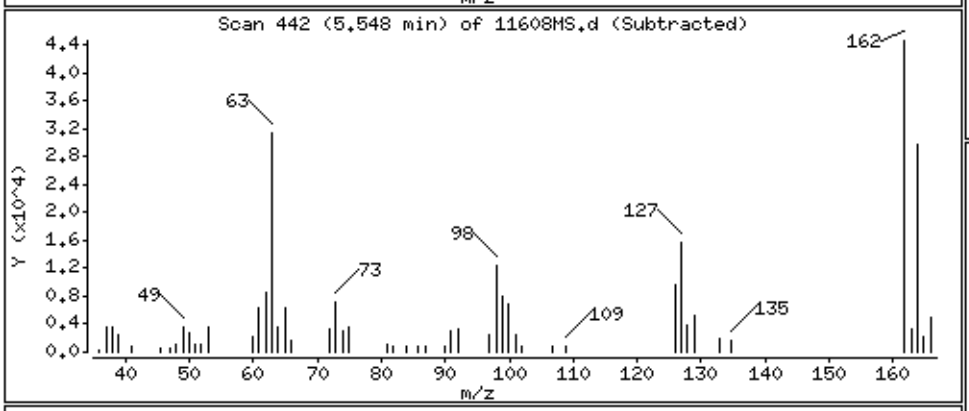
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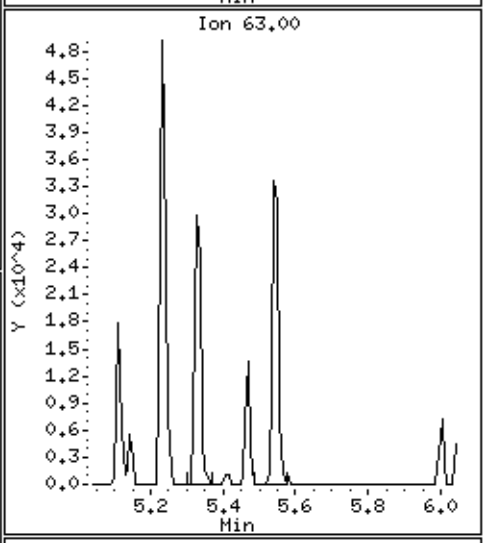
46 2,6-Dichlorophenol

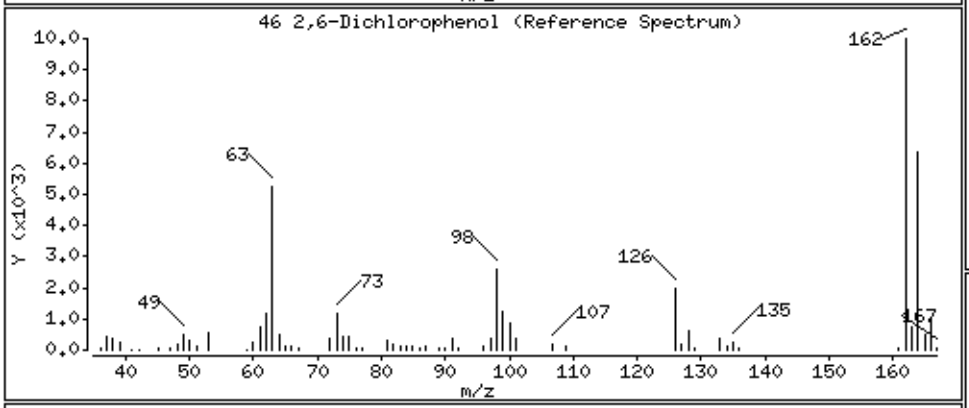
Concentration: 1520 ug/kg

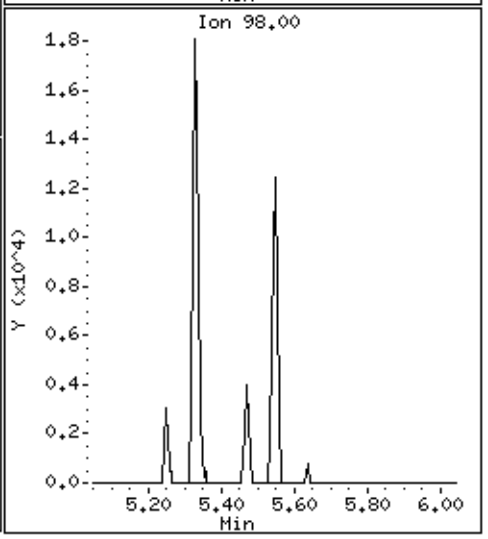


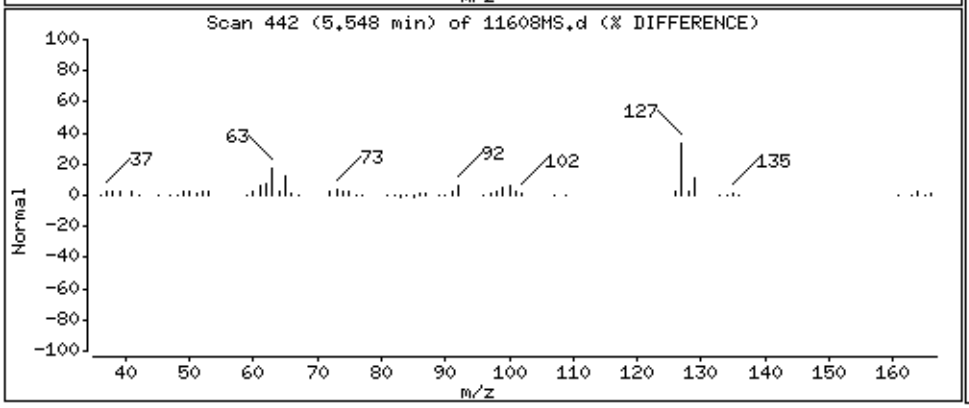












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

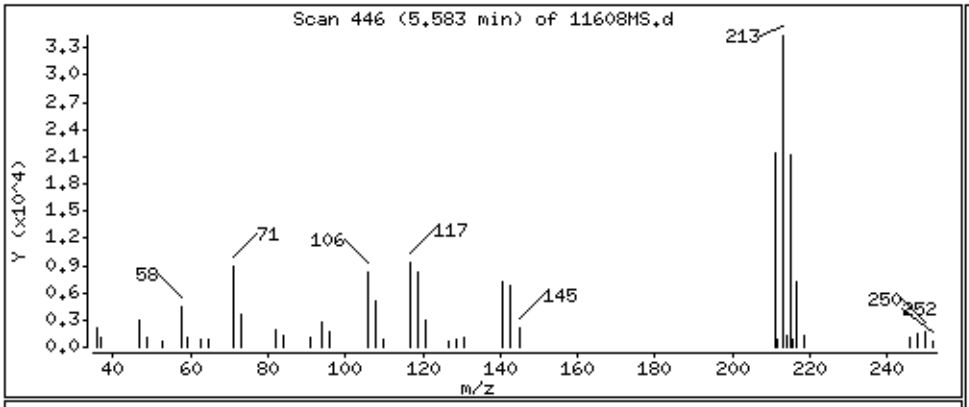
Operator: MJ

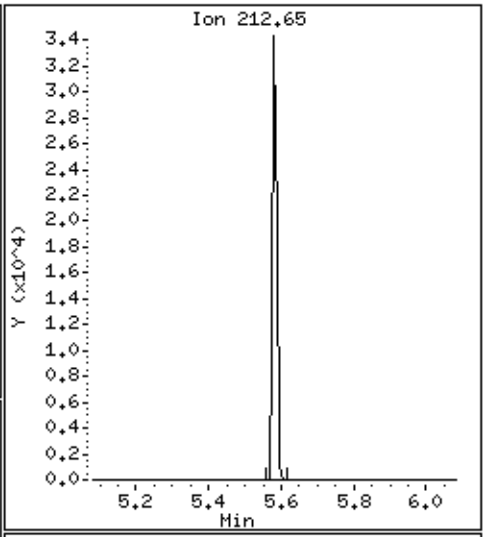
Column phase: HPMS-5

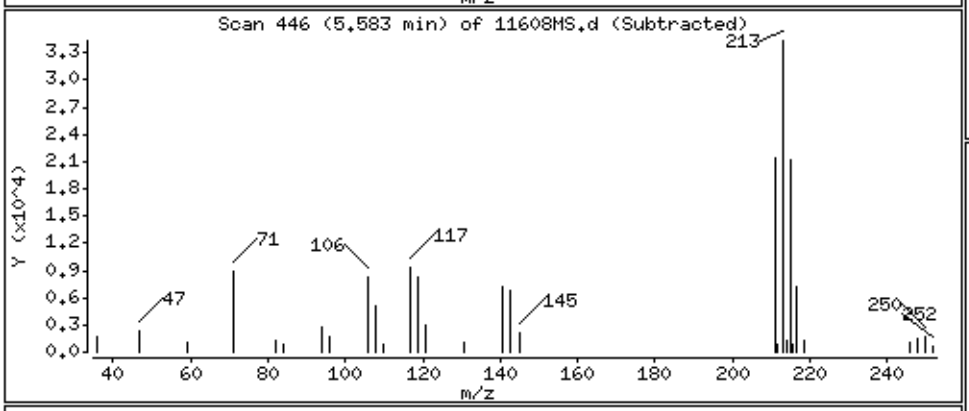
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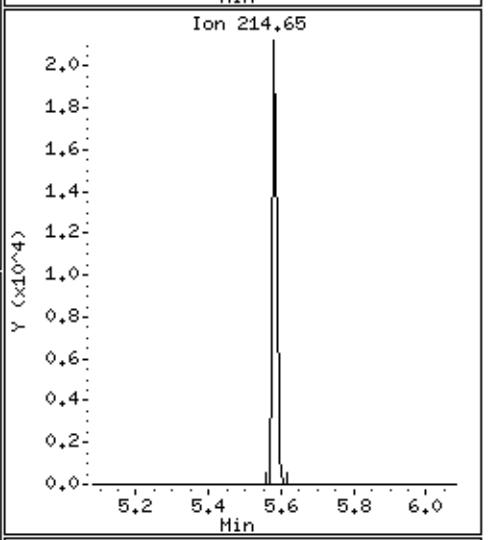
47 Hexachloropropene

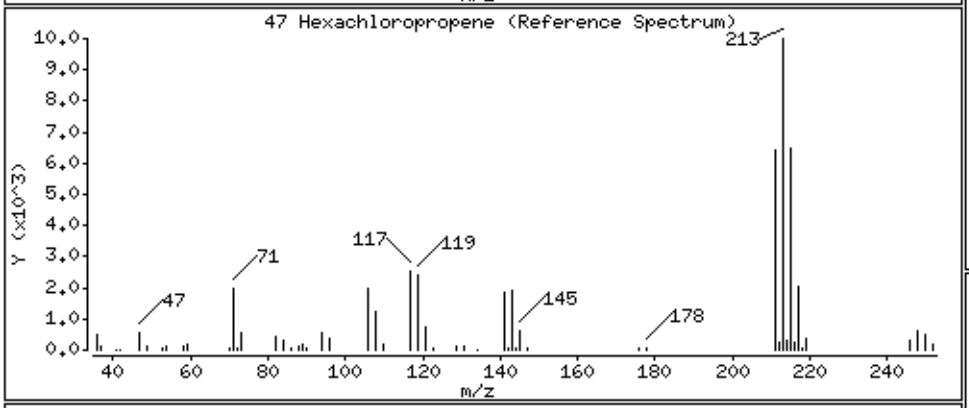
Concentration: 1060 ug/kg

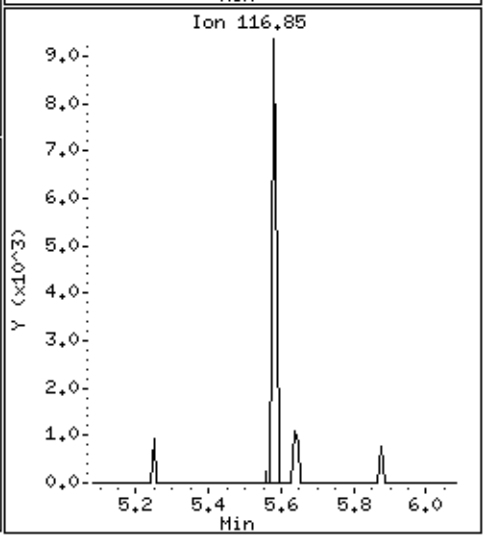


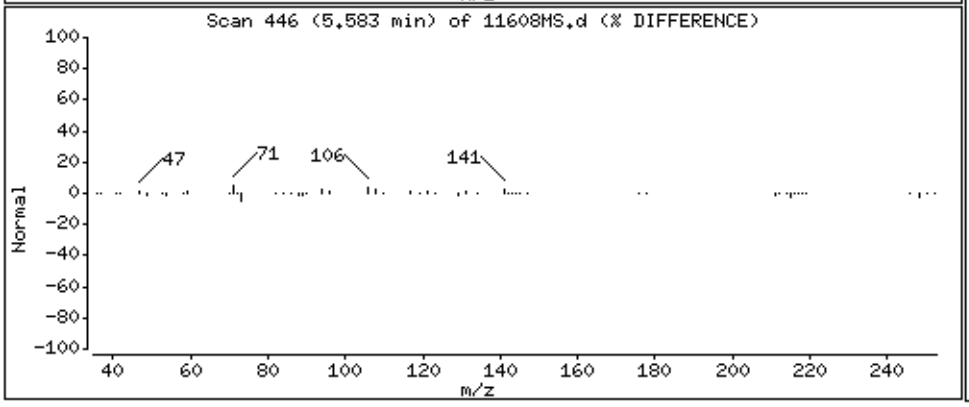












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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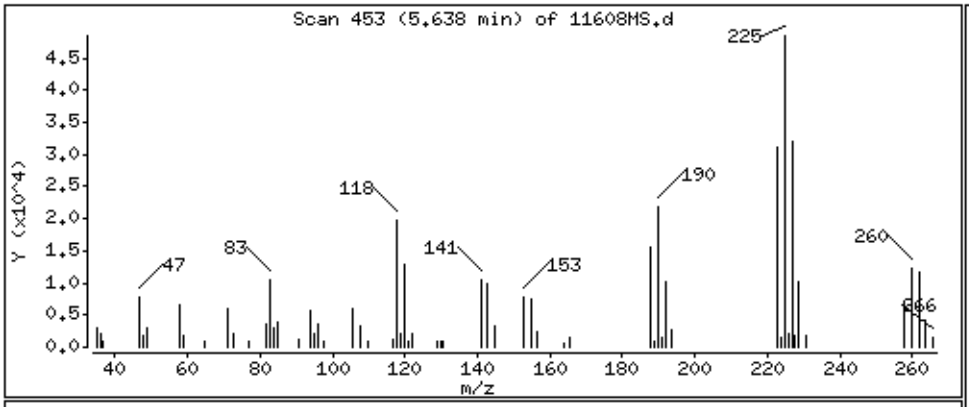
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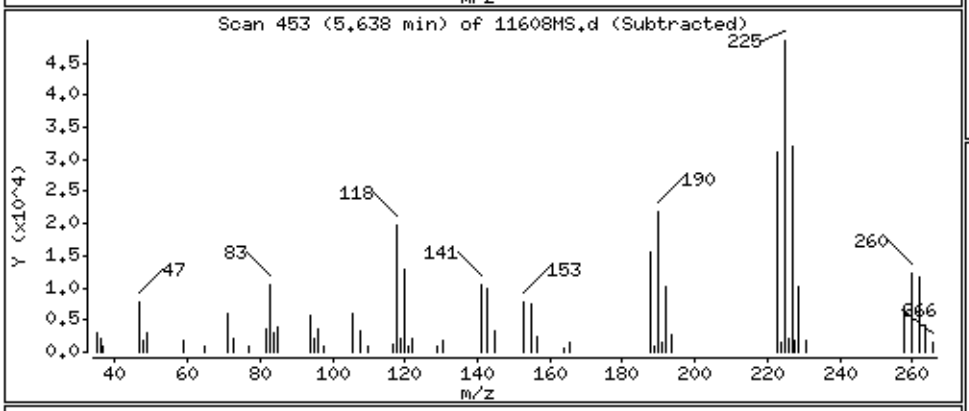
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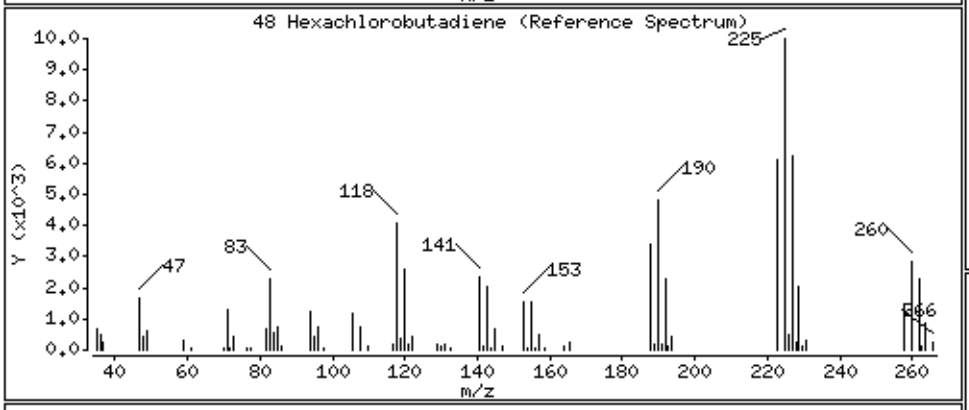
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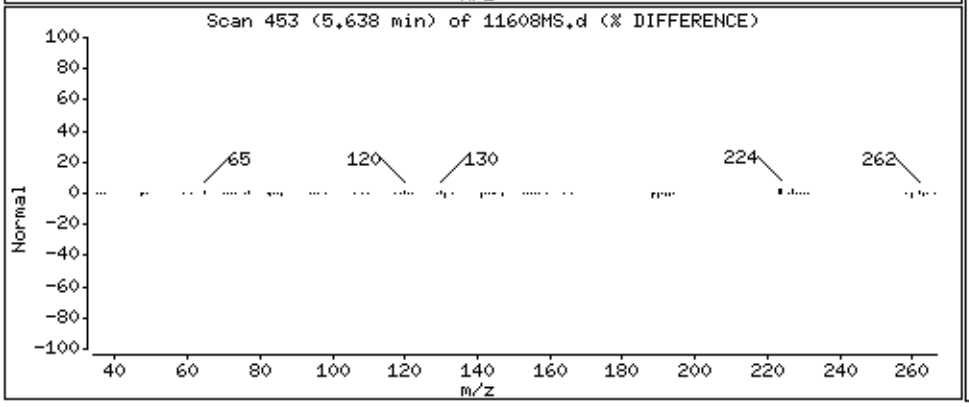
48 Hexachlorobutadiene

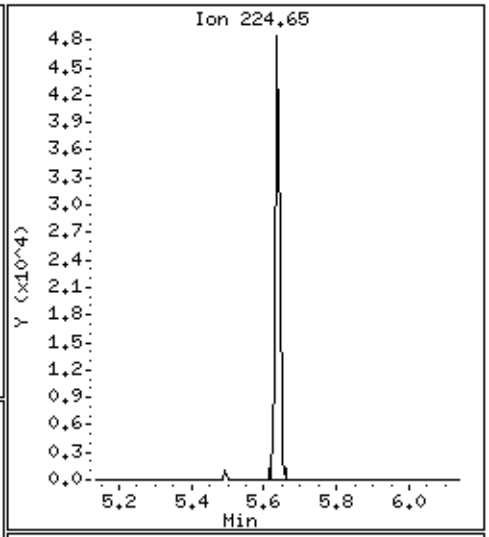
Concentration: 1600 ug/kg

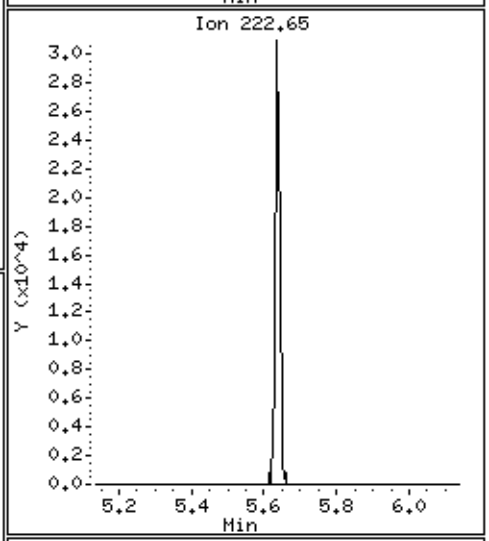


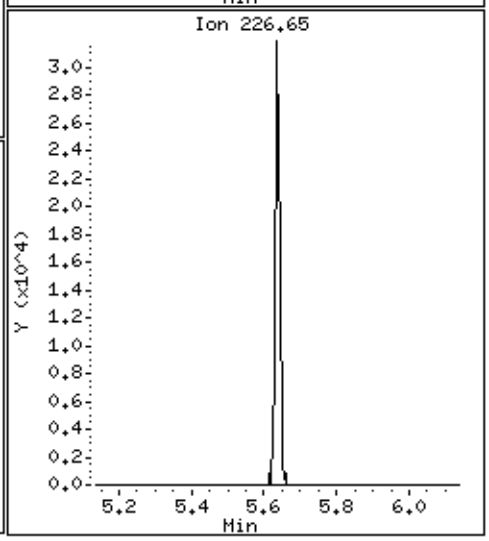












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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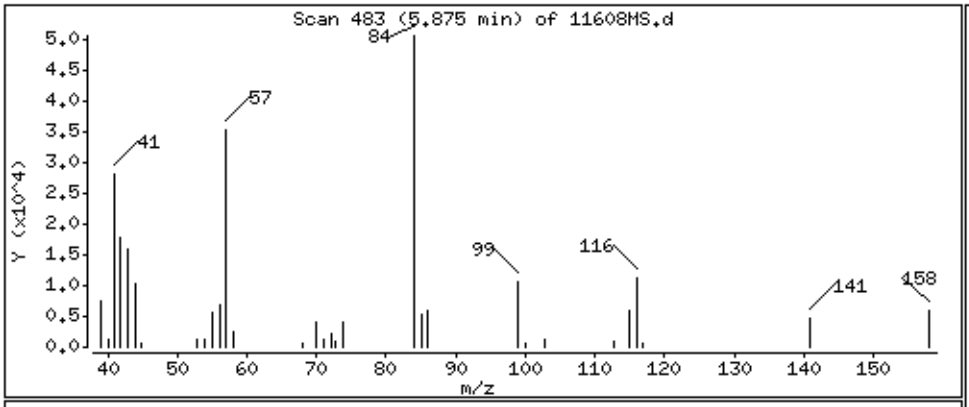
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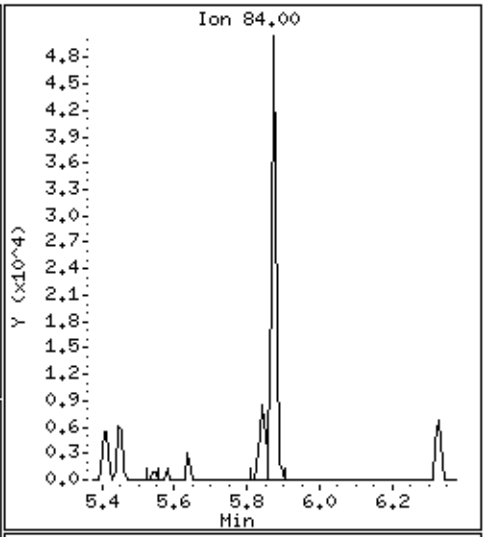
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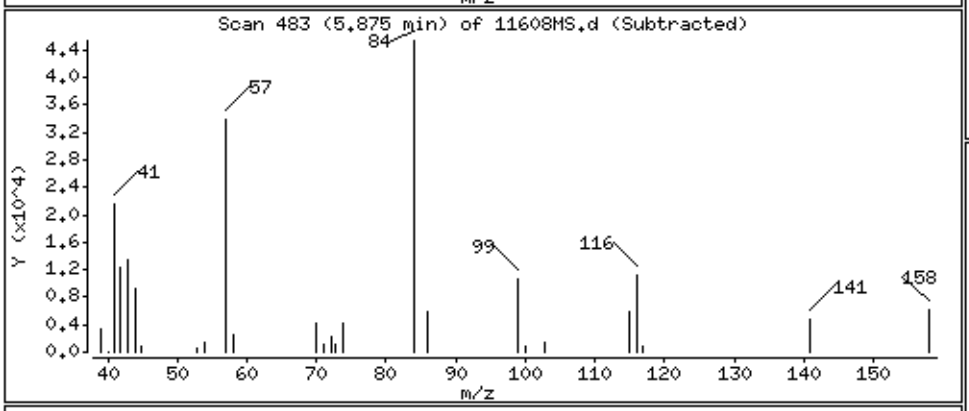
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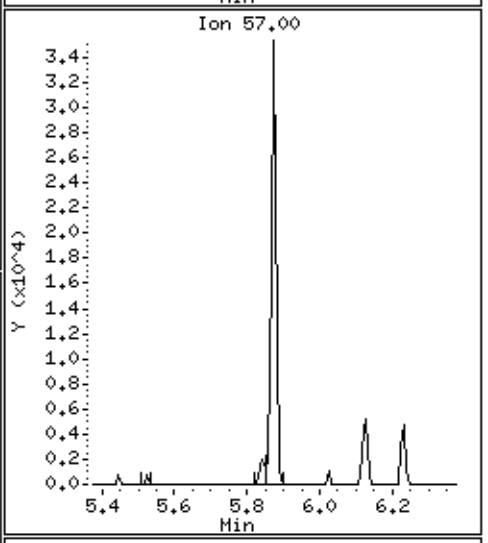
49 N-Nitrosodi-n-butylamine

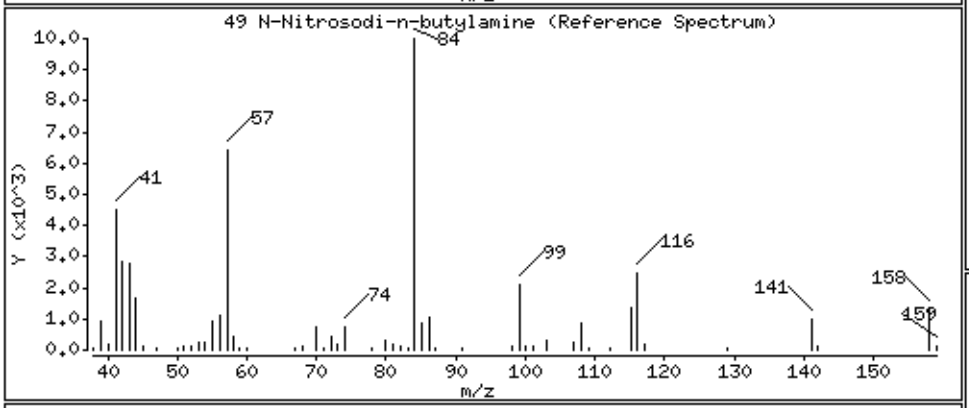
Concentration: 1480 ug/kg

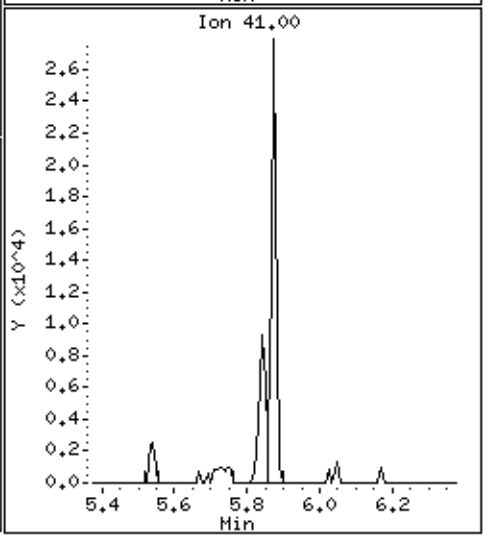


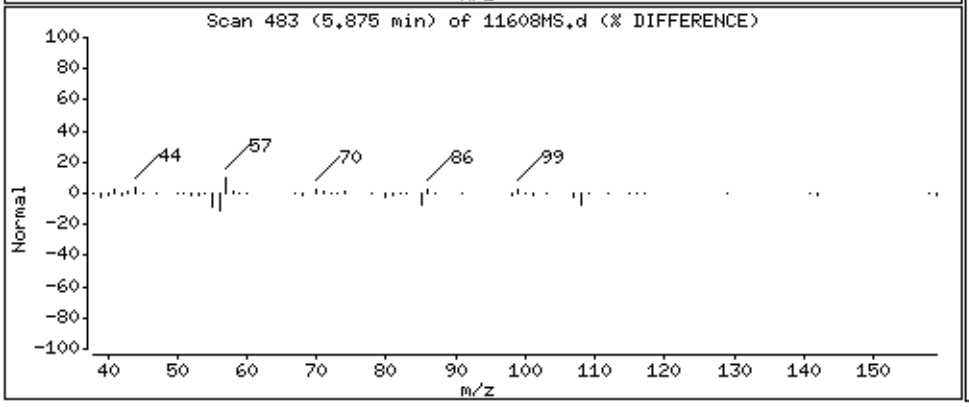












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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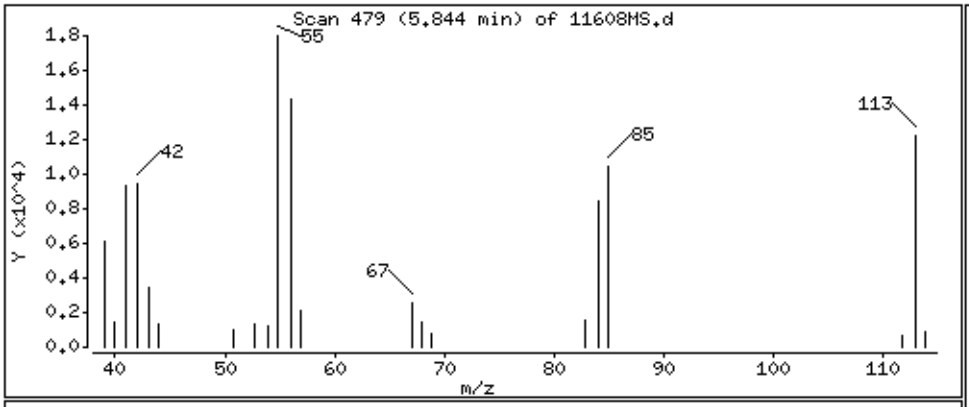
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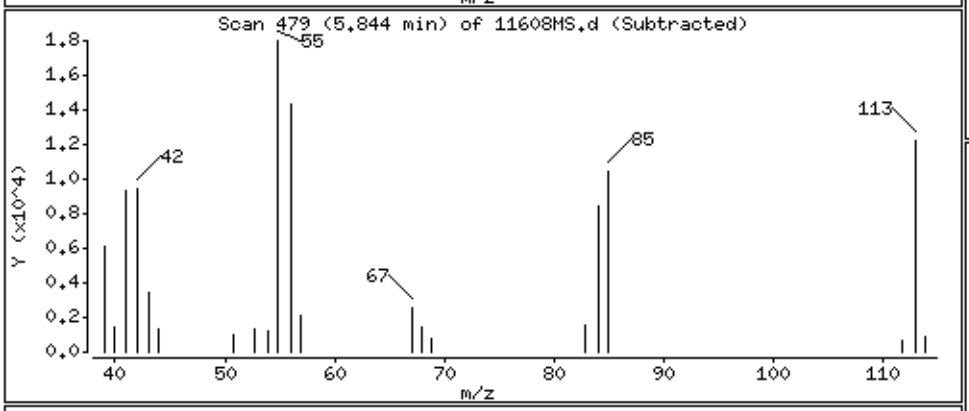
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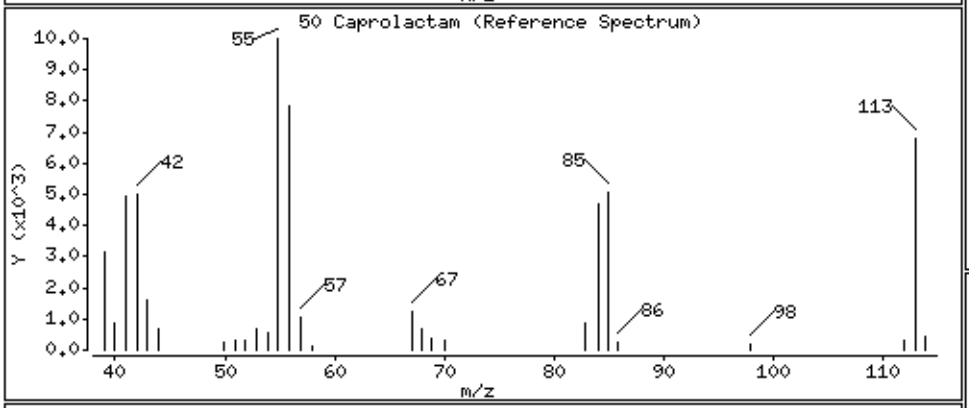
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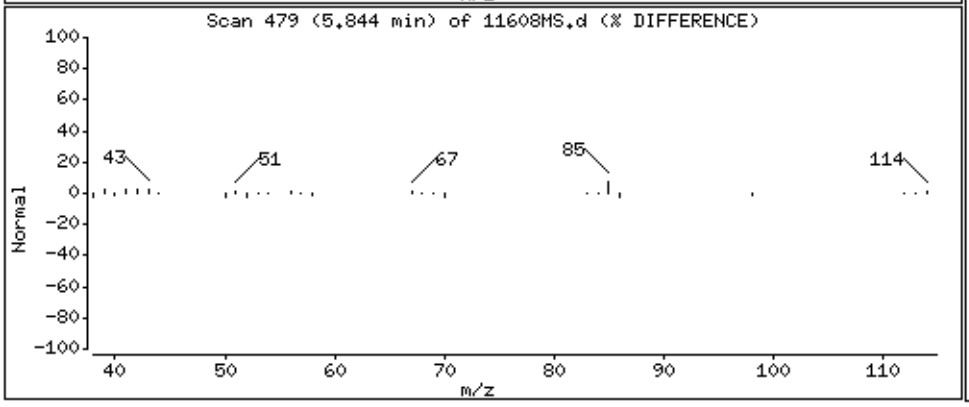
50 Caprolactam

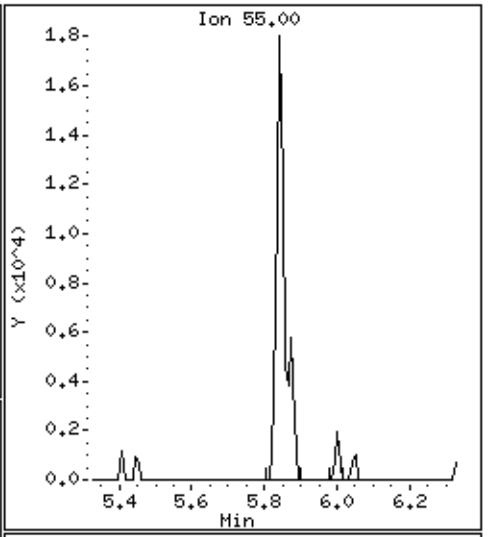
Concentration: 1950 ug/kg

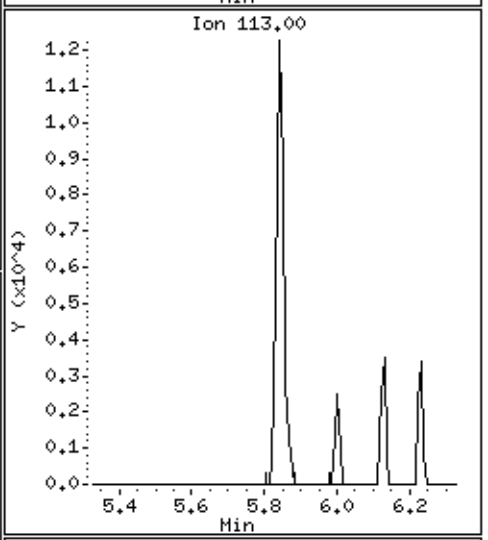


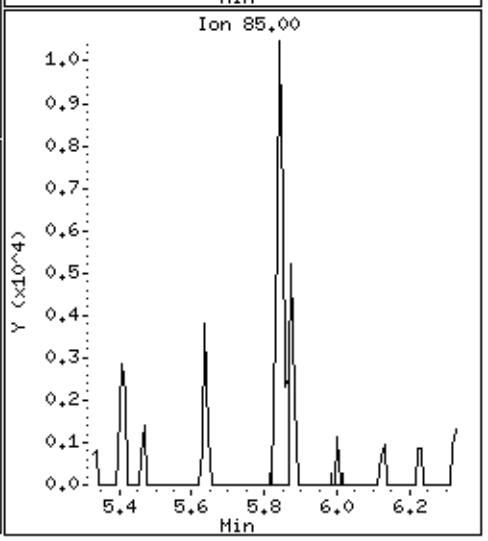












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

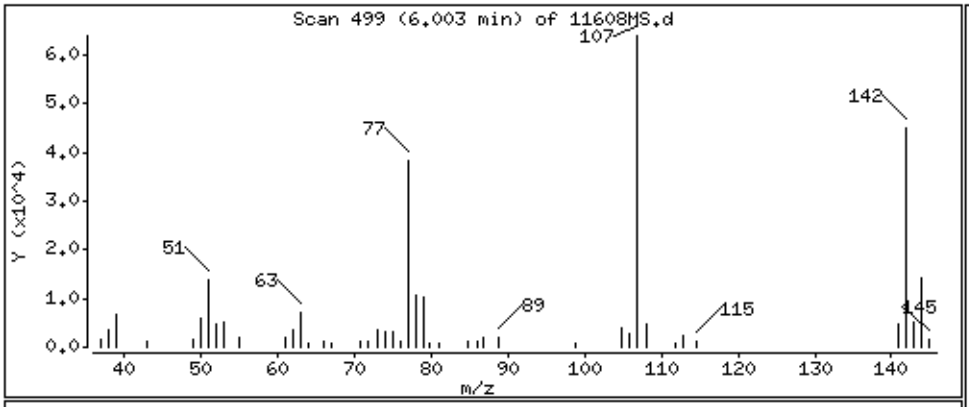
Operator: MJ

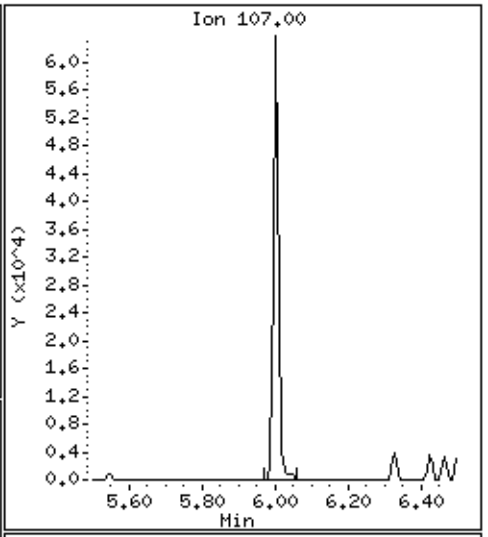
Column phase: HPMS-5

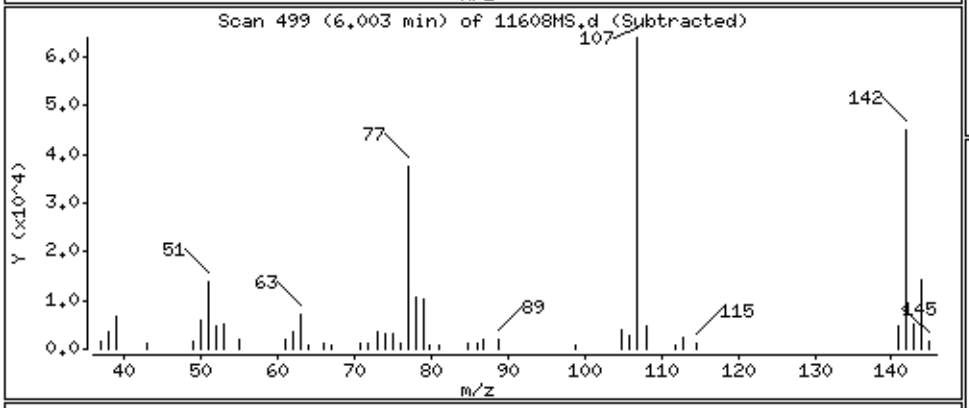
Column diameter: 0.25

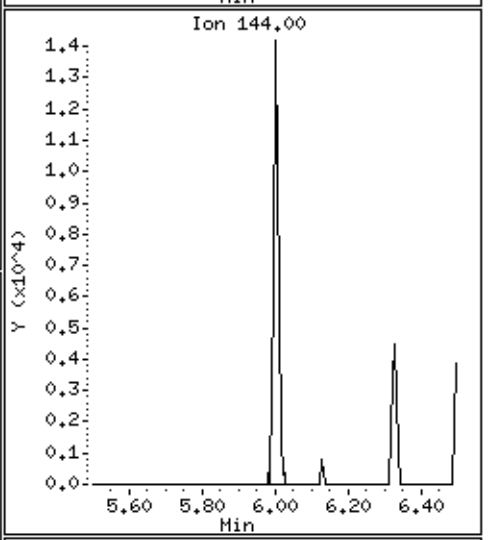
51 4-Chloro-3-methylphenol

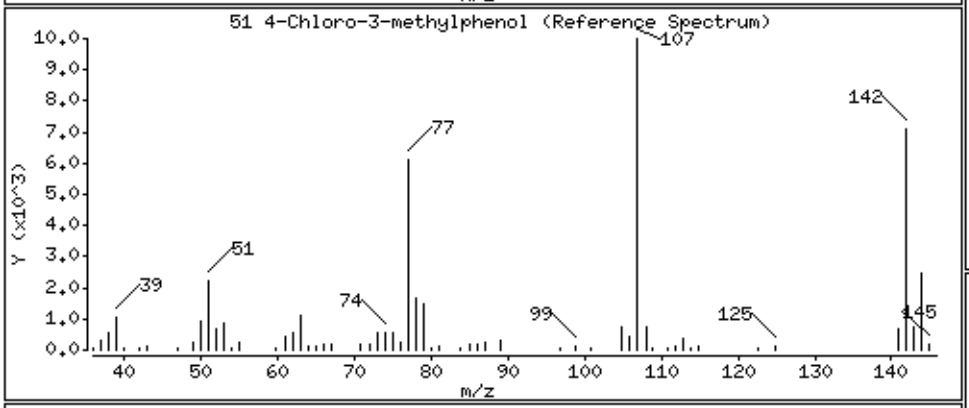
Concentration: 1780 ug/kg

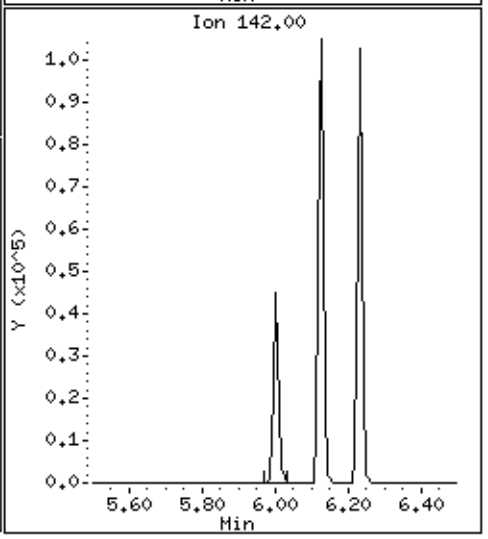


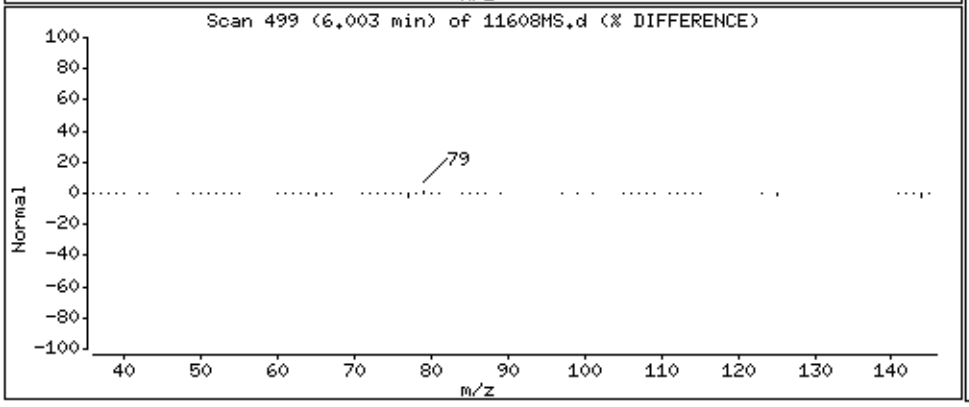












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

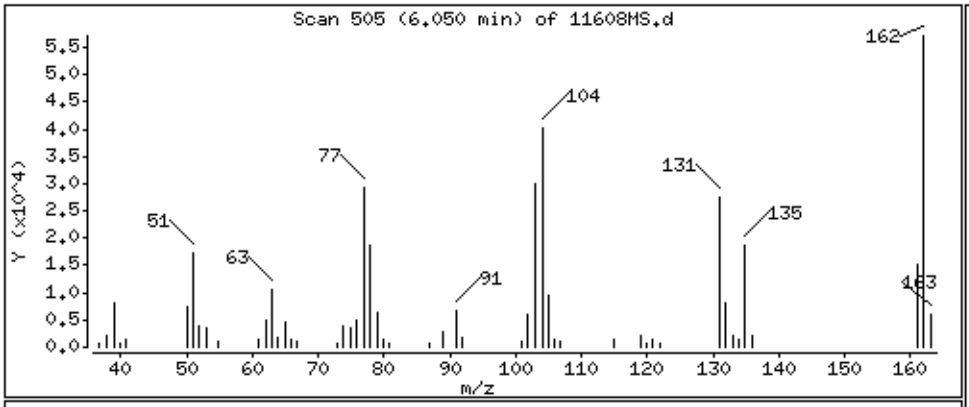
Operator: MJ

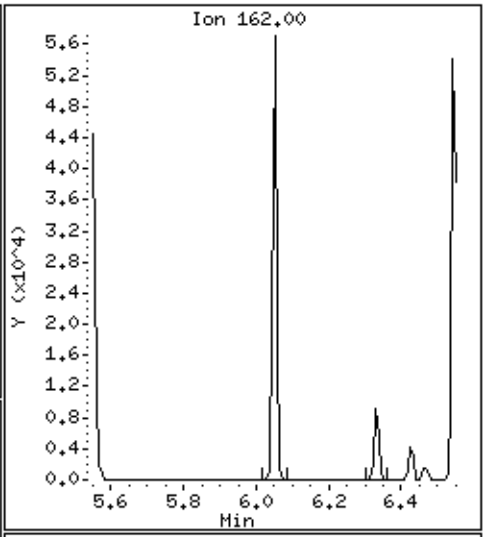
Column phase: HPMS-5

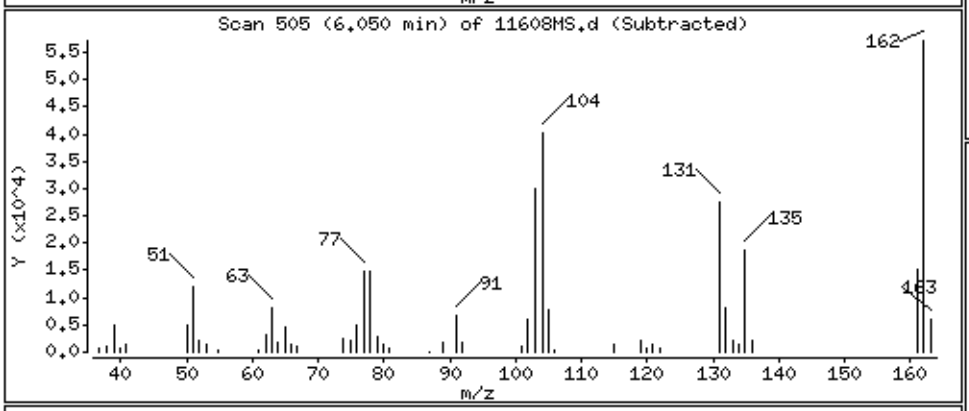
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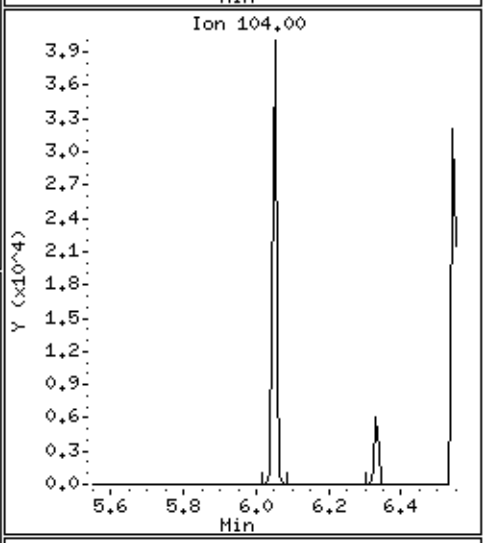
52 Isosafrole

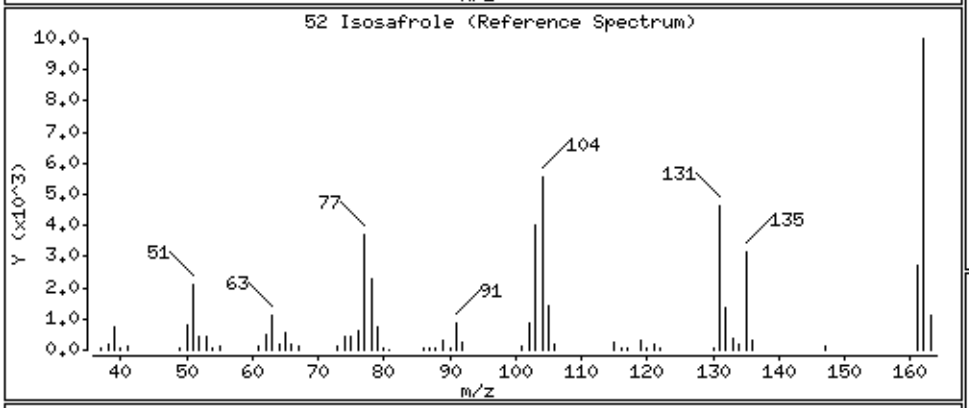
Concentration: 1680 ug/kg

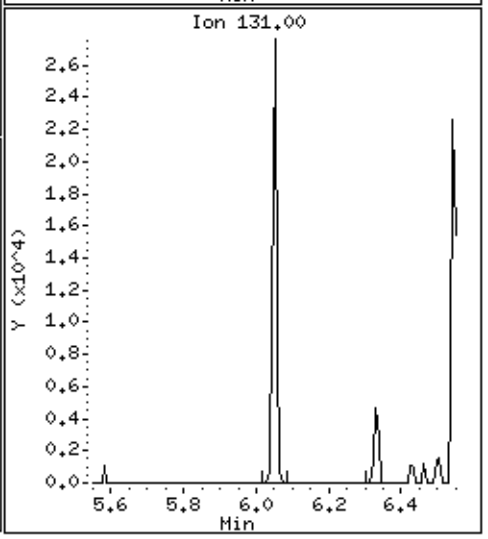


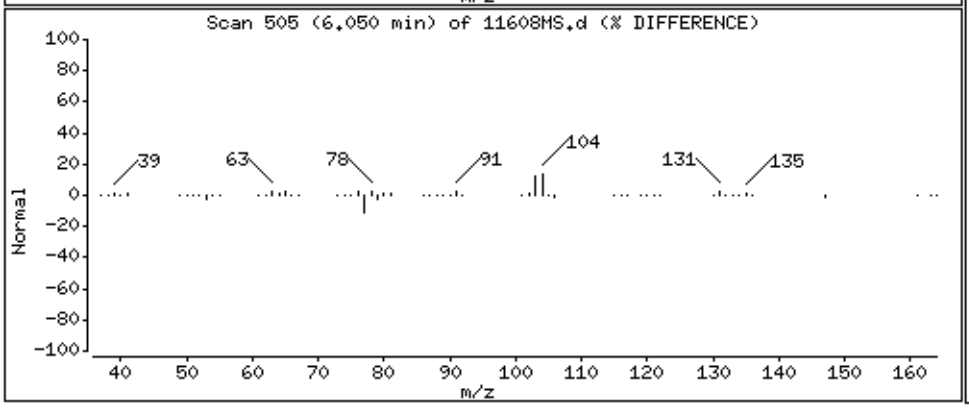












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

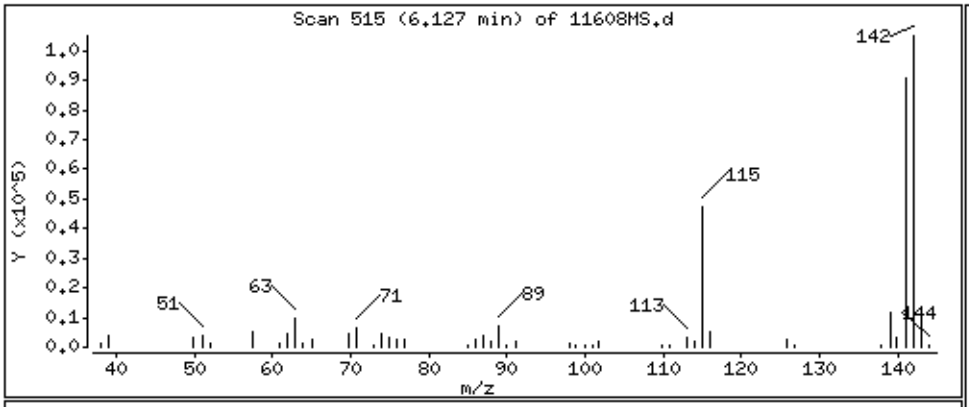
Operator: MJ

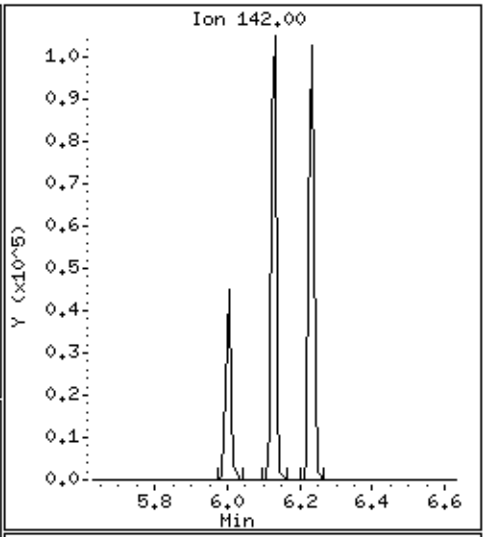
Column phase: HPMS-5

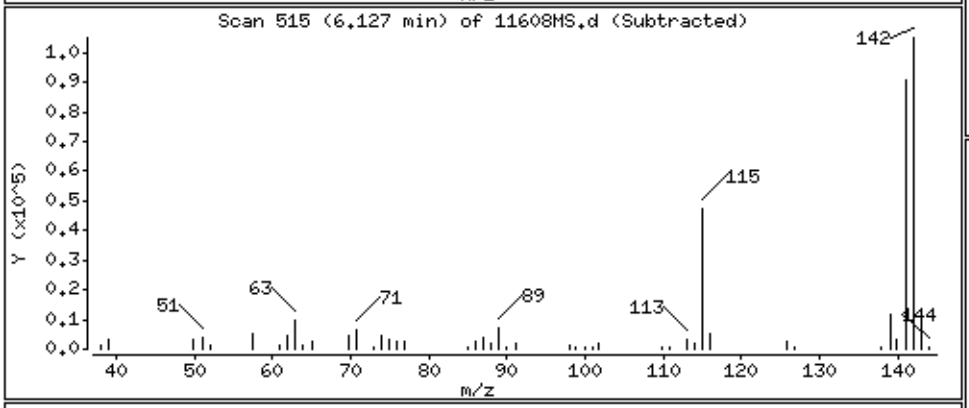
Column diameter: 0.25

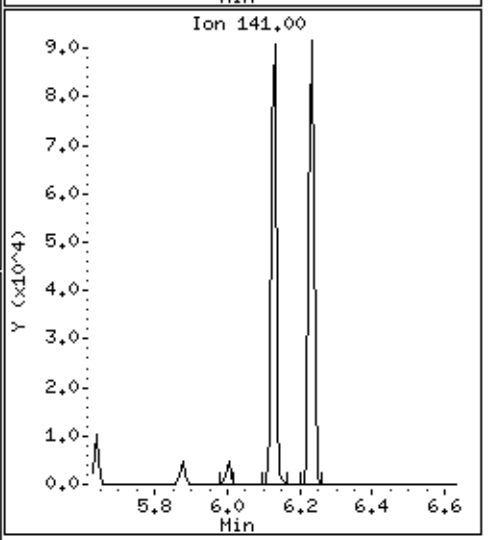
53 2-Methylnaphthalene

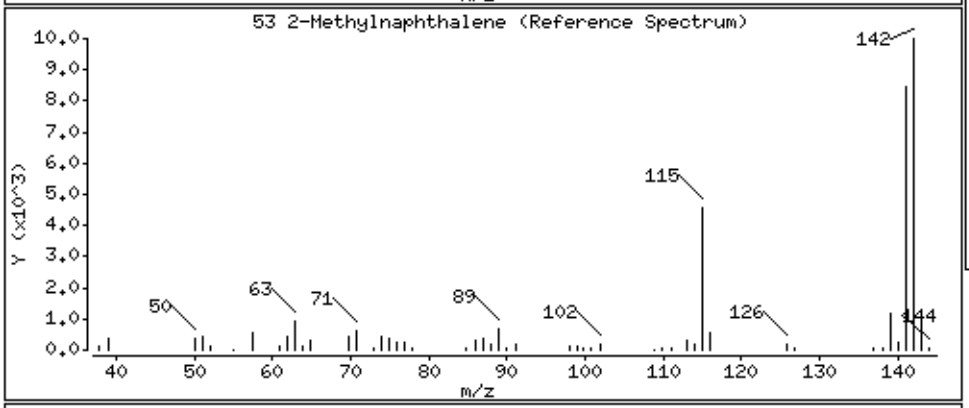
Concentration: 1620 ug/kg

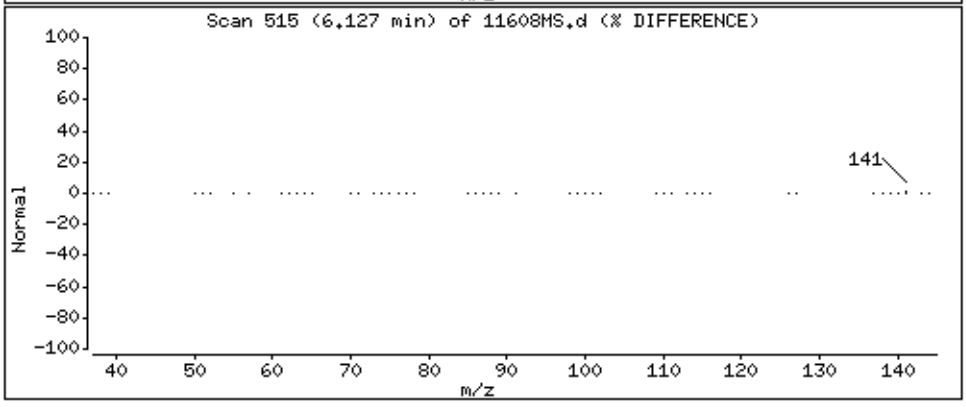












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

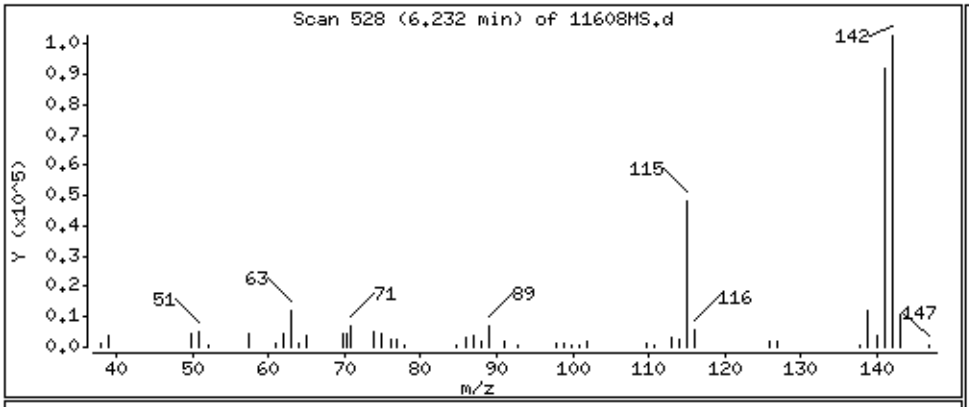
Operator: MJ

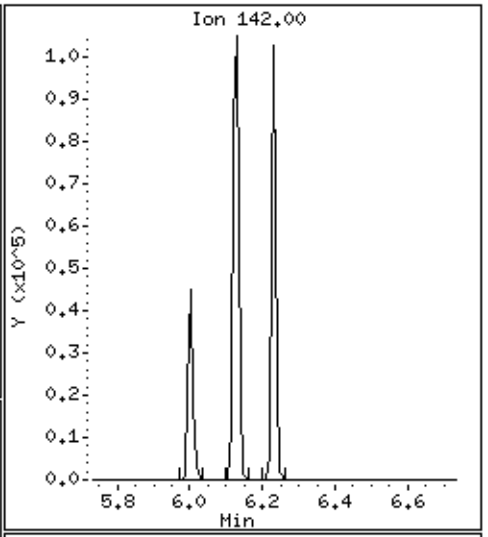
Column phase: HPMS-5

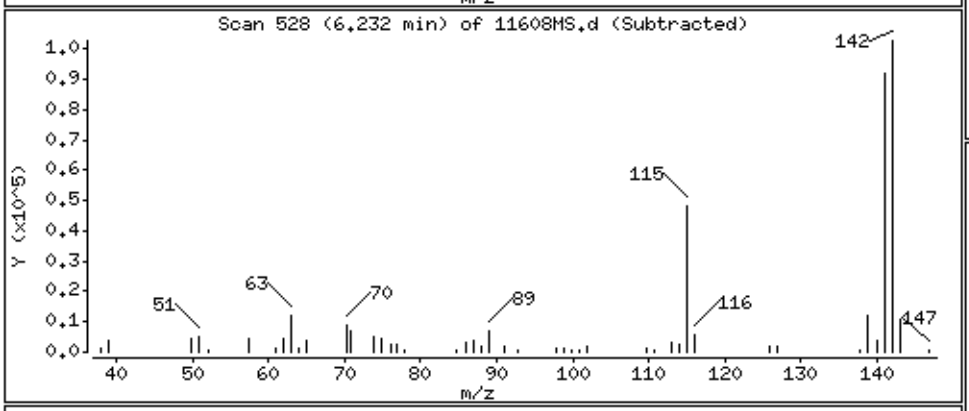
Column diameter: 0.25

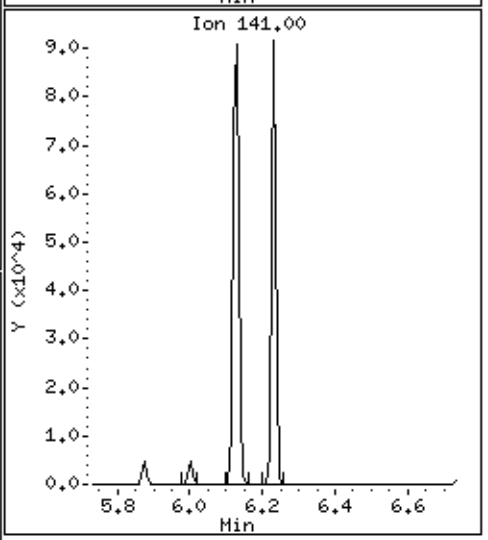
54 1-Methylnaphthalene

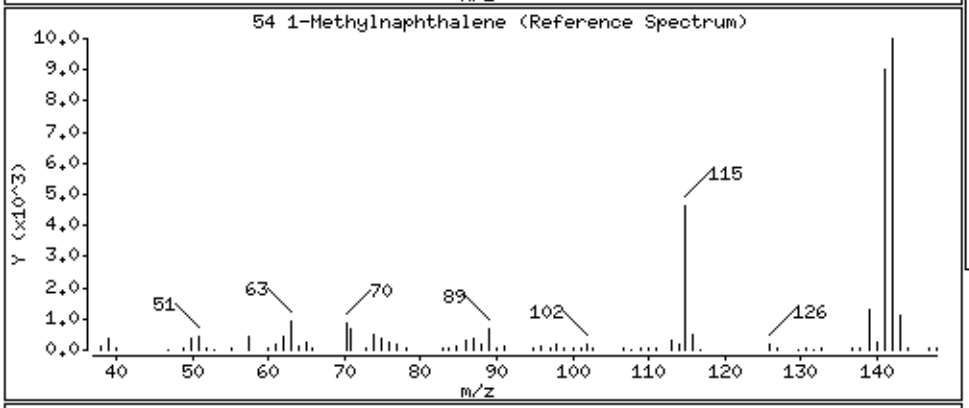
Concentration: 1530 ug/kg

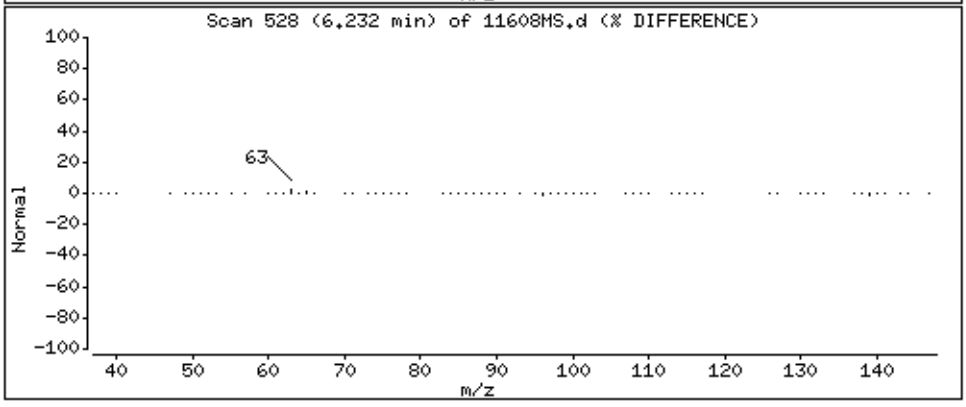












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

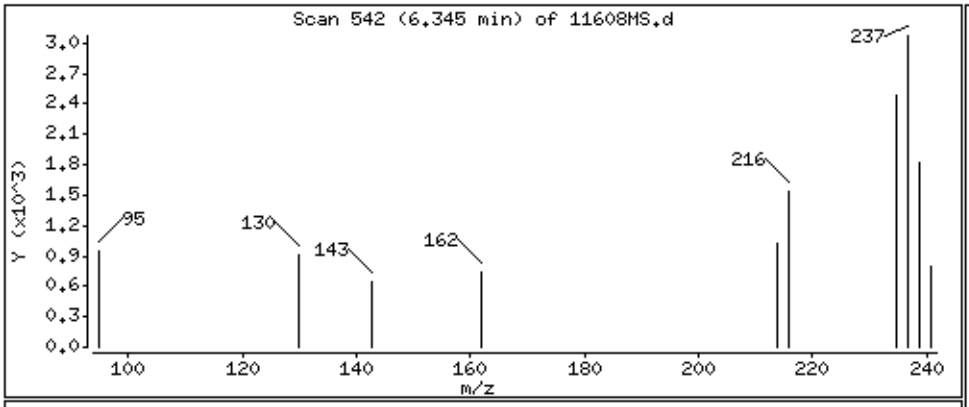
Operator: MJ

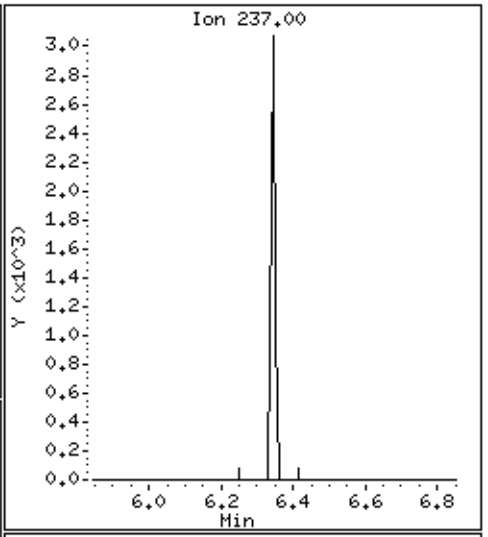
Column phase: HPMS-5

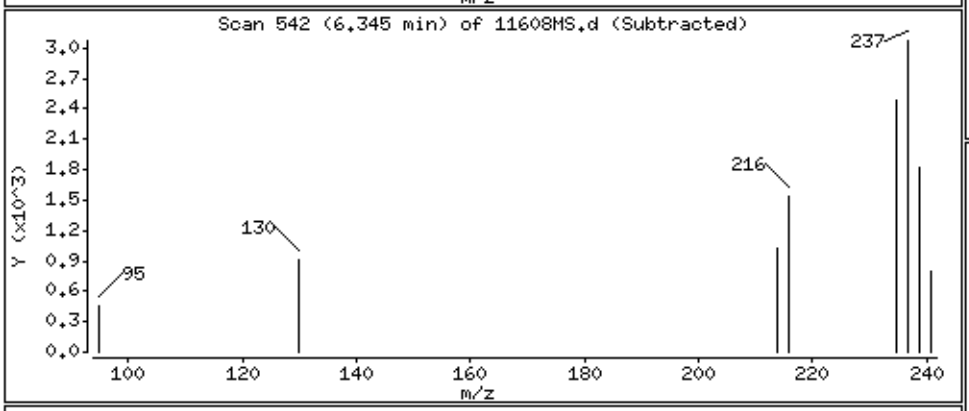
Column diameter: 0.25

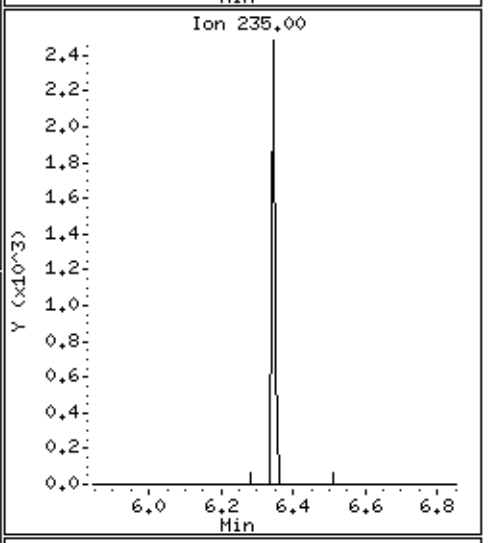
55 Hexachlorocyclopentadiene

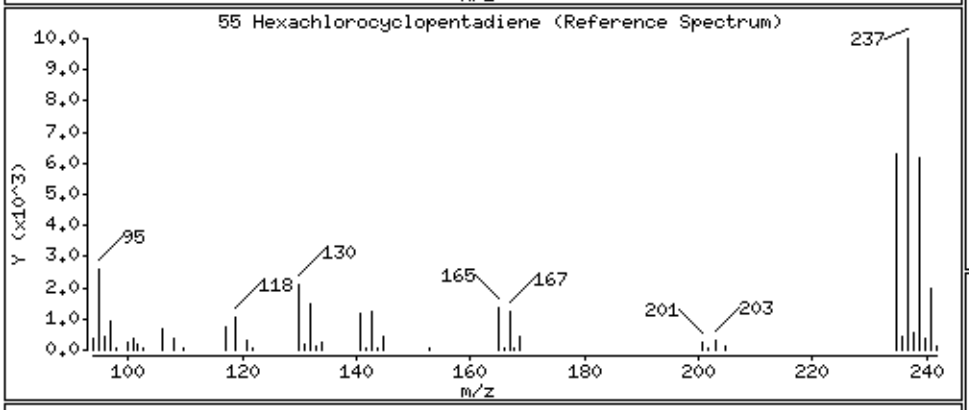
Concentration: 328 ug/kg

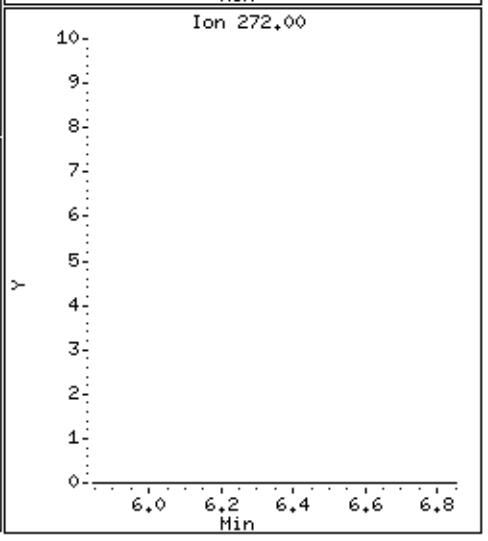


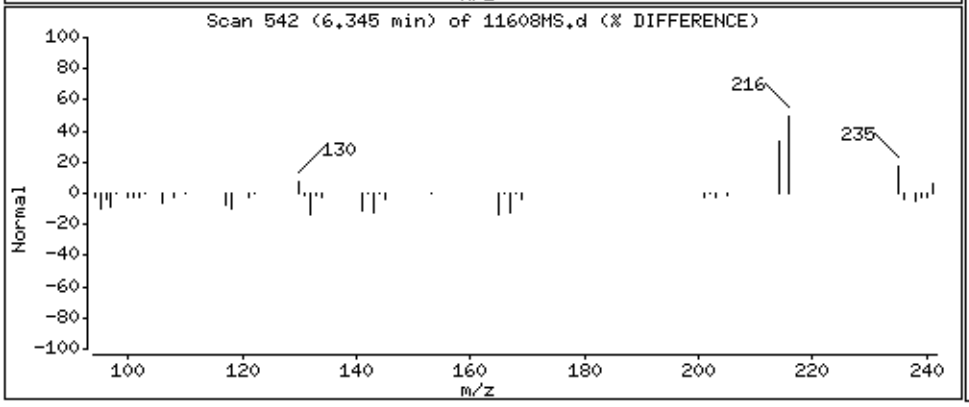












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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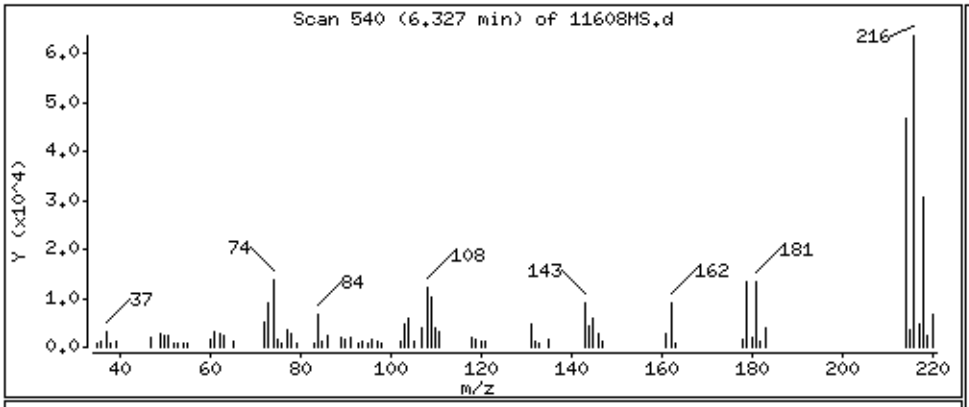
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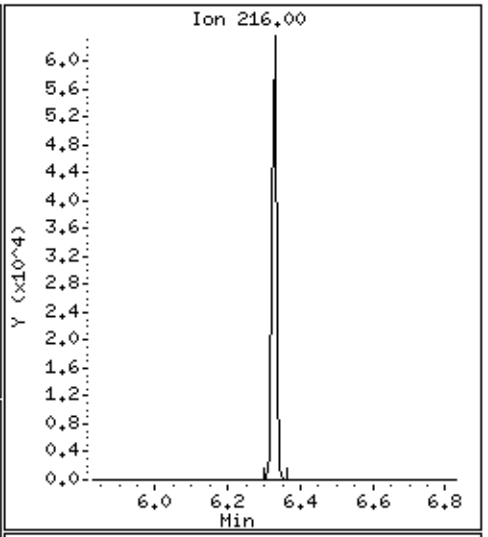
Column phase: HPMS-5

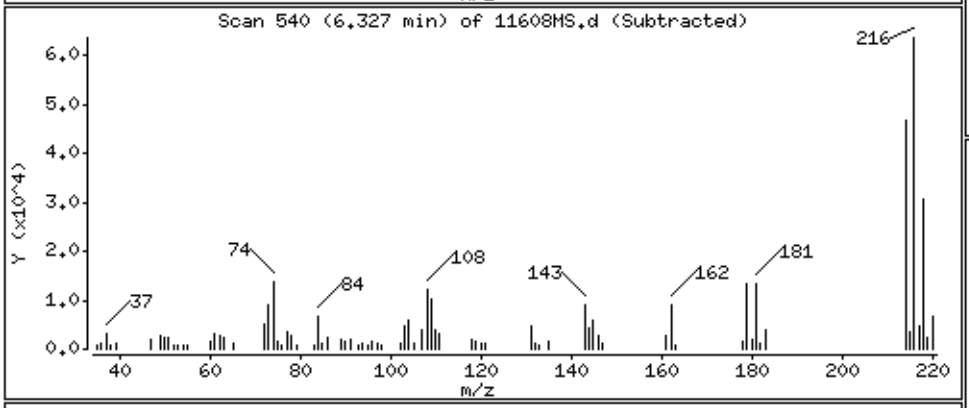
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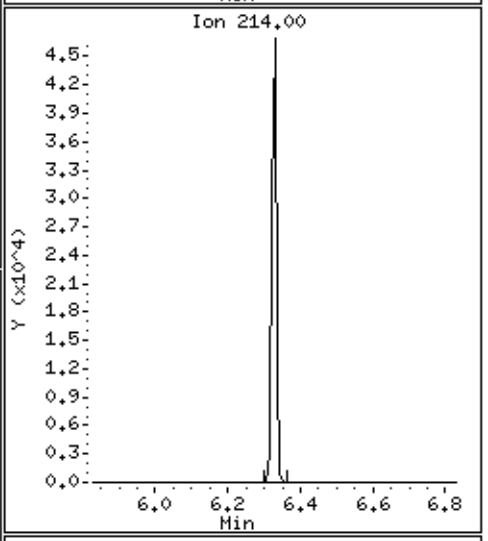
56 1,2,4,5-Tetrachlorobenzene

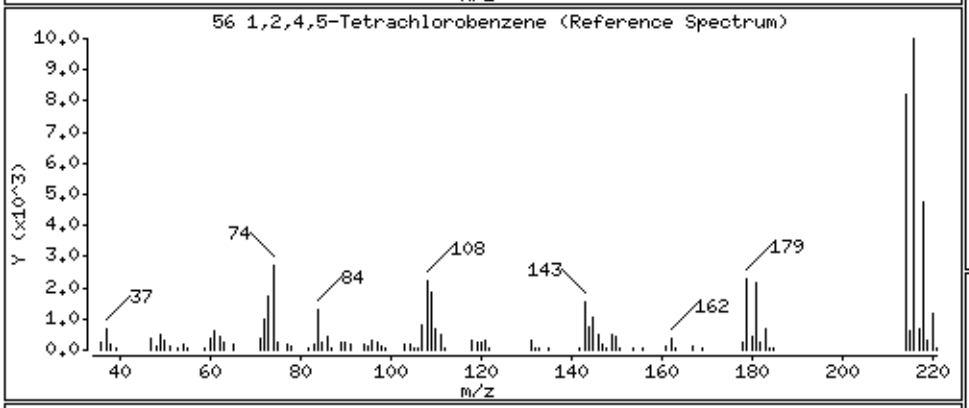
Concentration: 1490 ug/kg

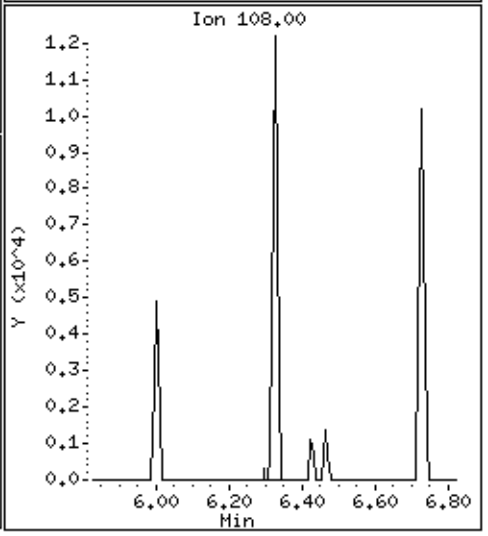


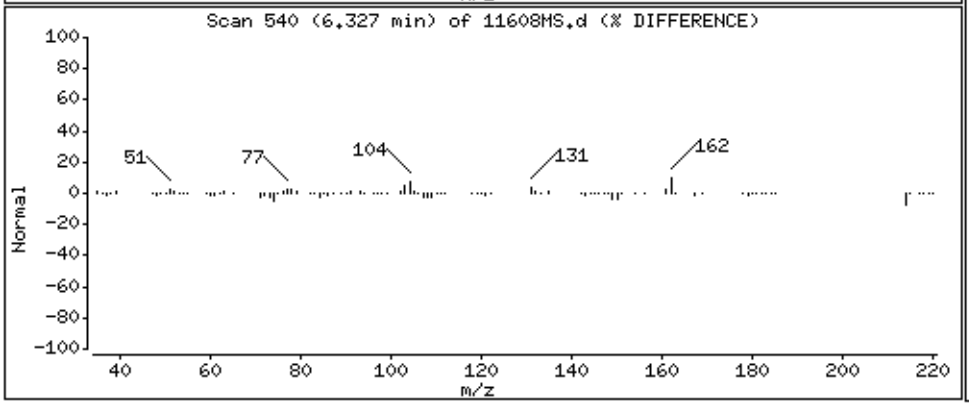












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

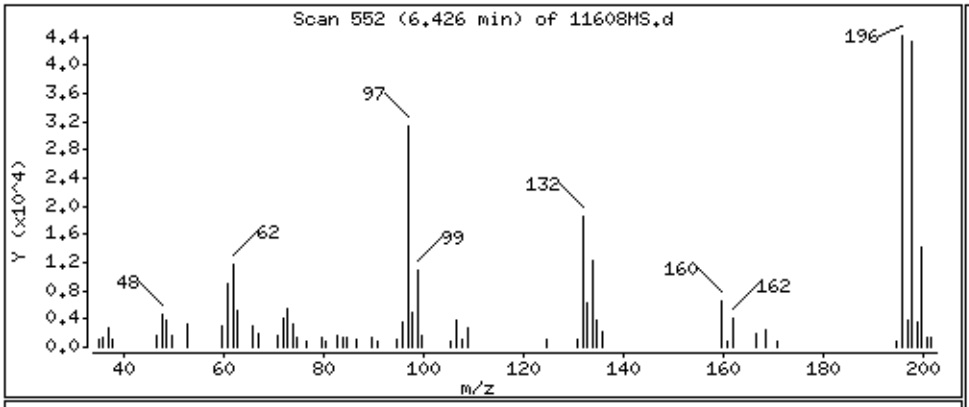
Operator: MJ

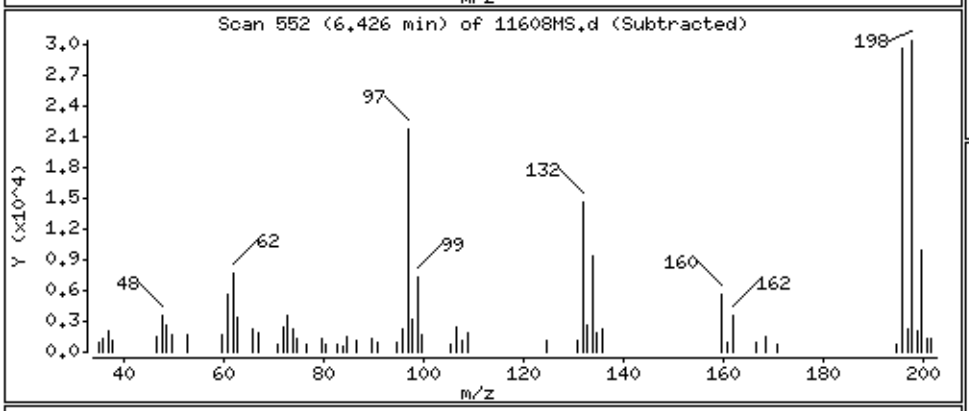
Column phase: HPMS-5

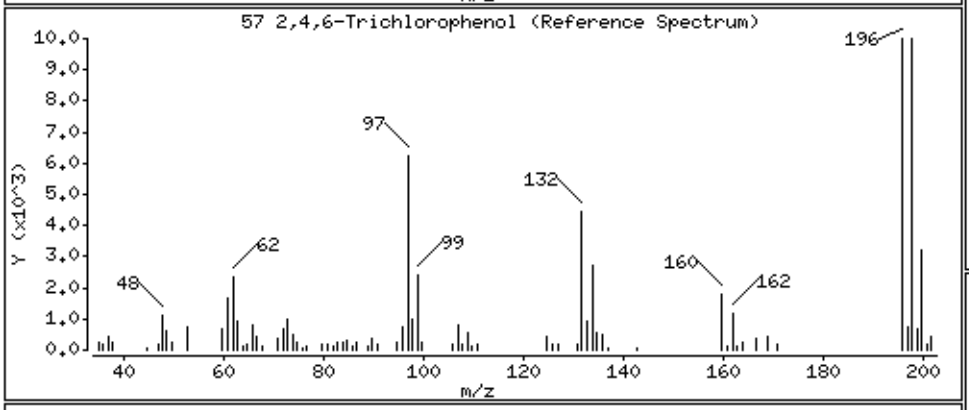
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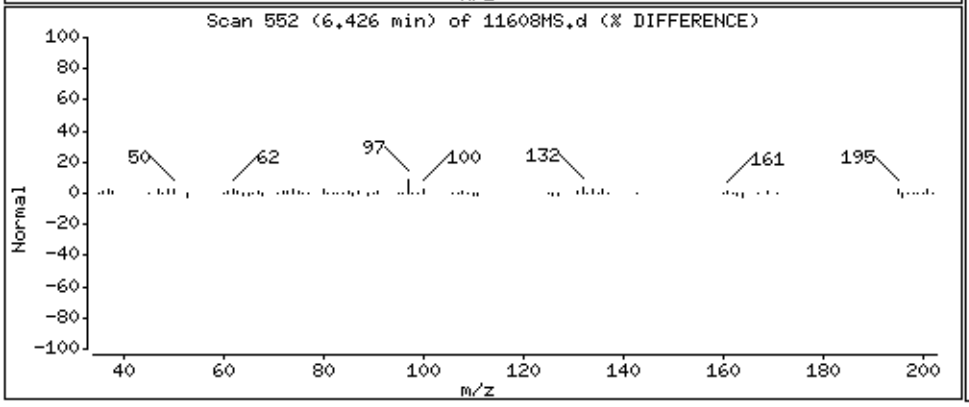
57 2,4,6-Trichlorophenol

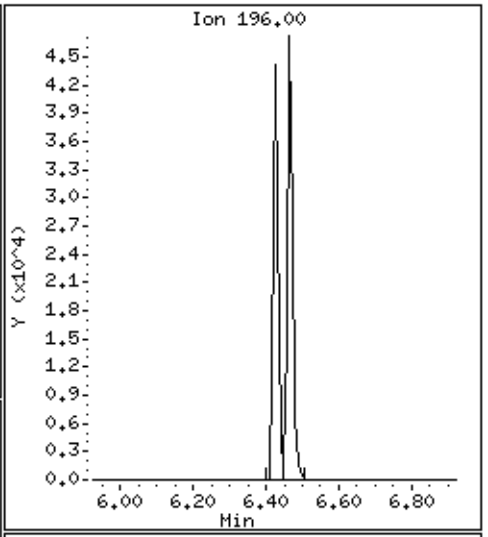
Concentration: 1680 ug/kg

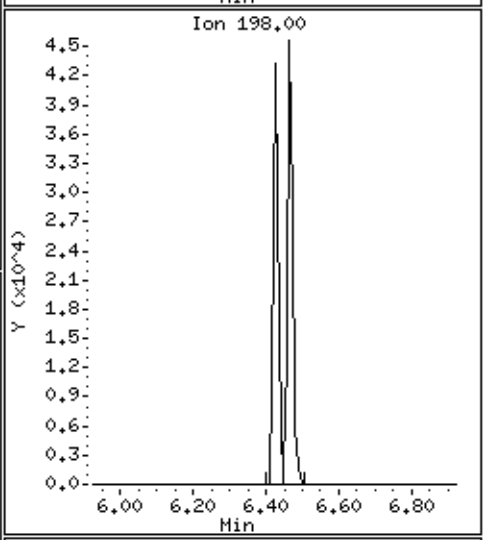


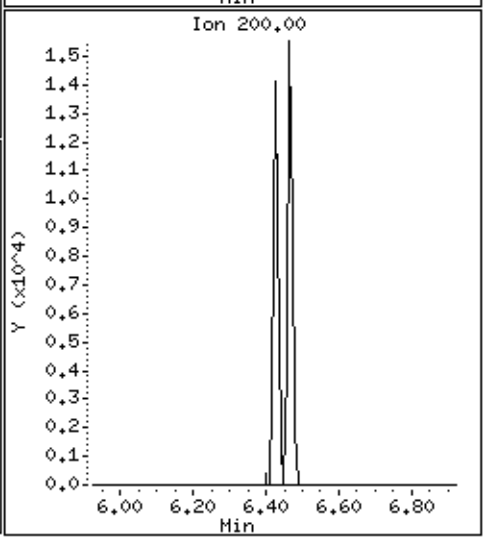












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

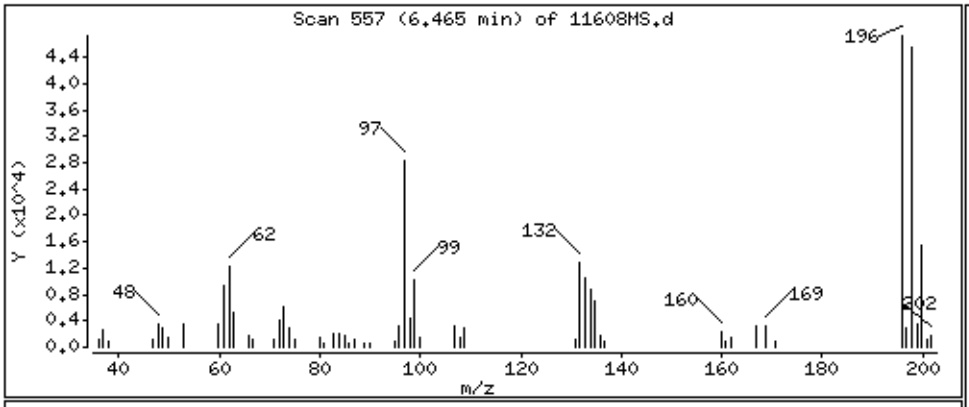
Operator: MJ

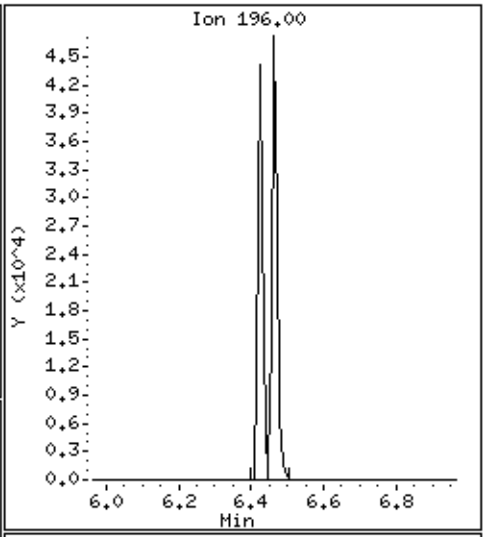
Column phase: HPMS-5

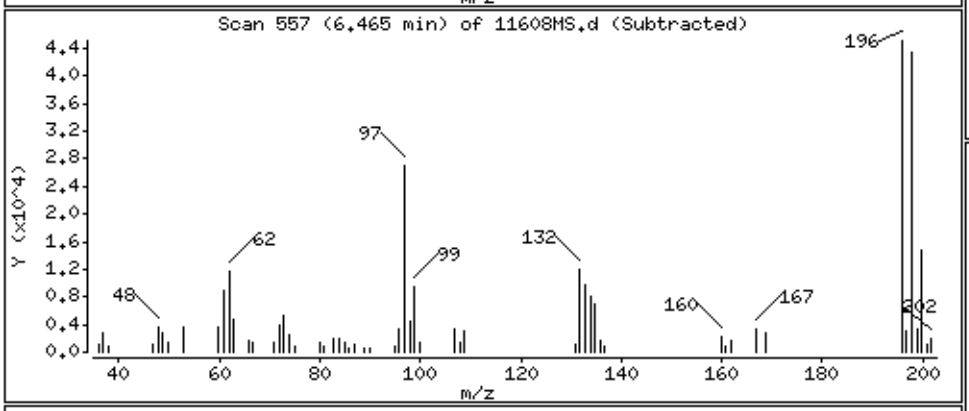
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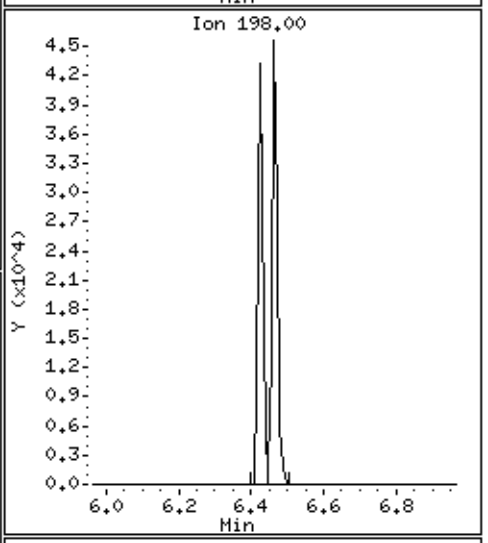
58 2,4,5-Trichlorophenol

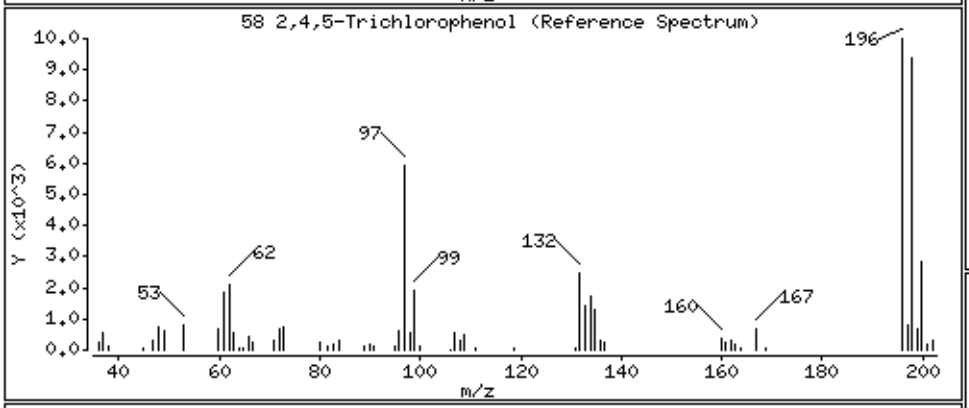
Concentration: 1760 ug/kg

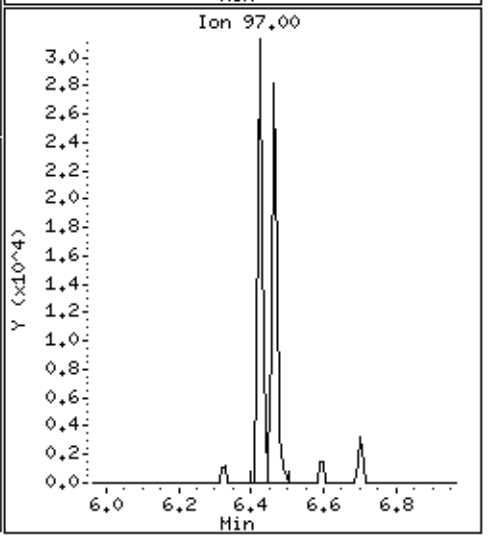


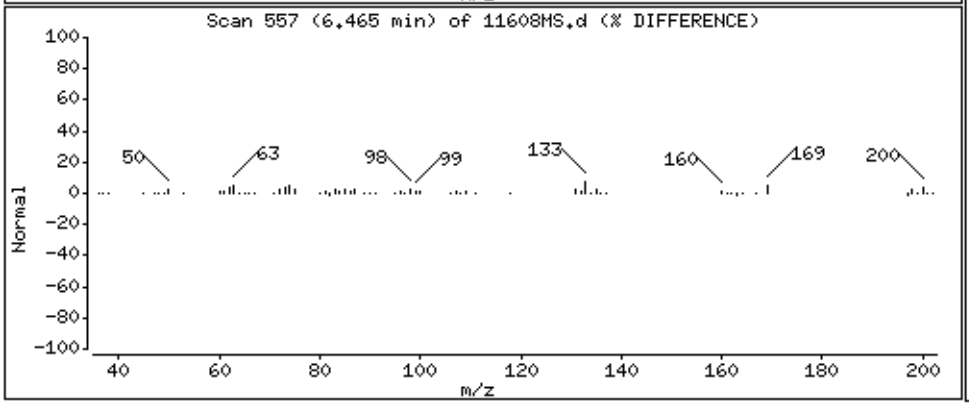












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

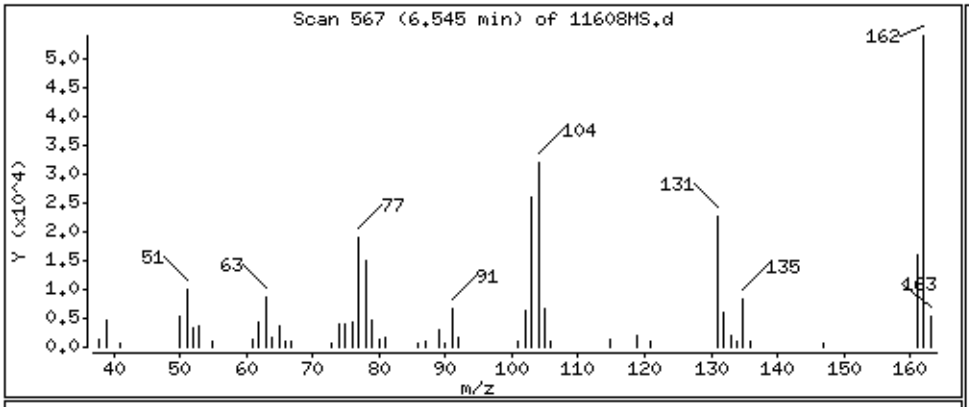
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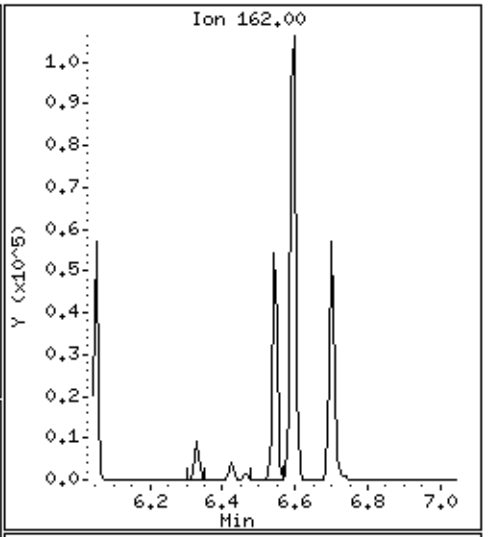
Column phase: HPMS-5

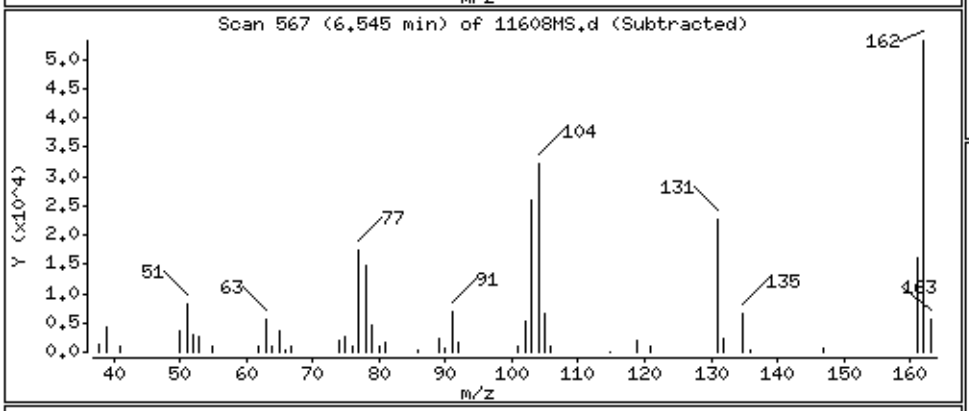
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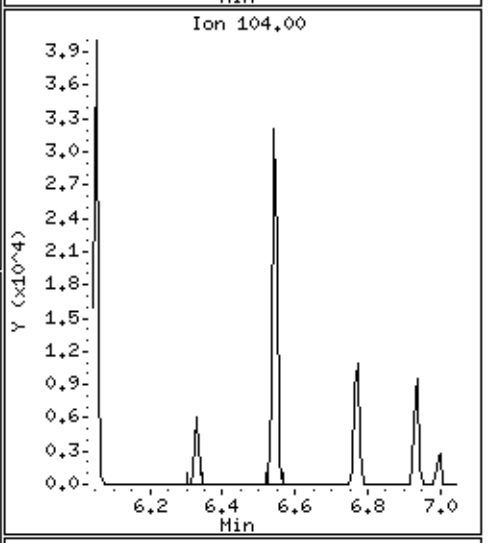
60 Safrole

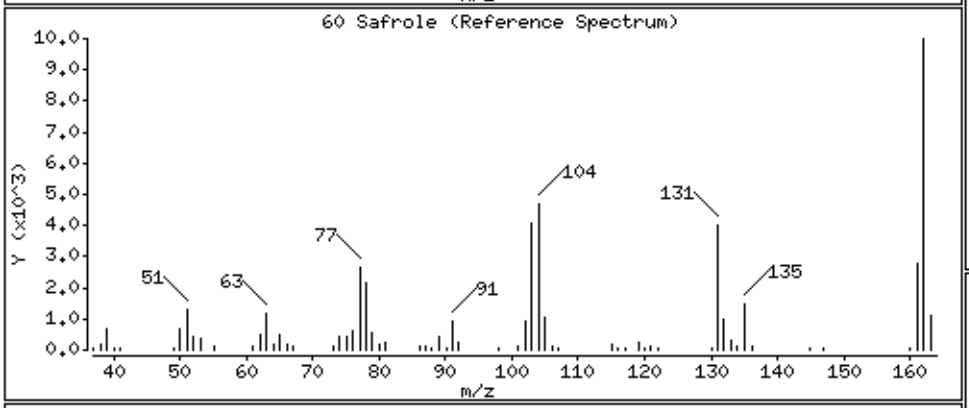
Concentration: 2110 ug/kg

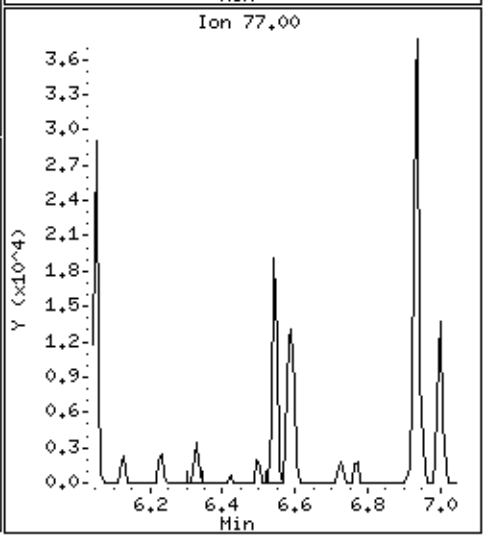


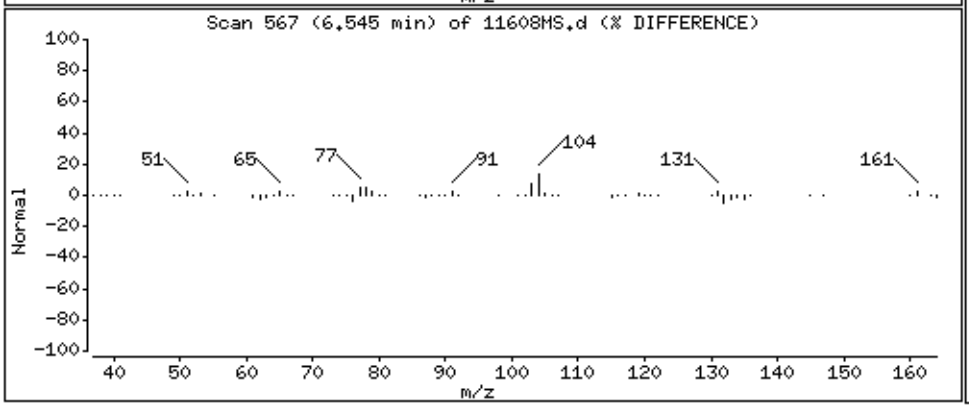












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

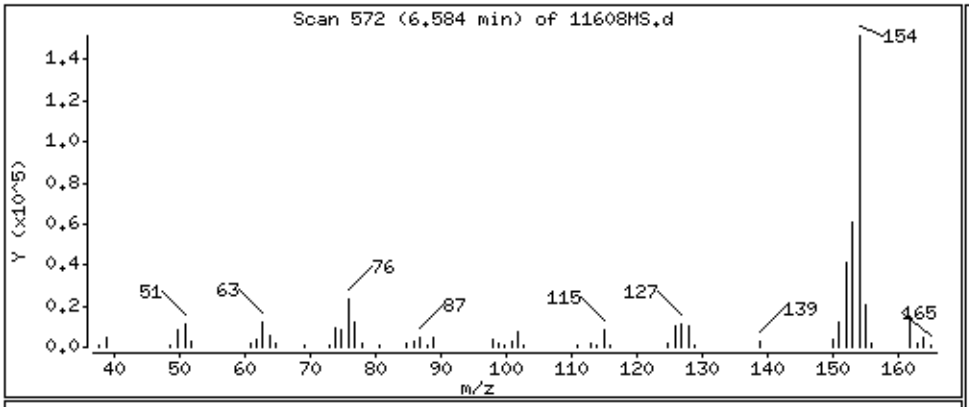
Operator: MJ

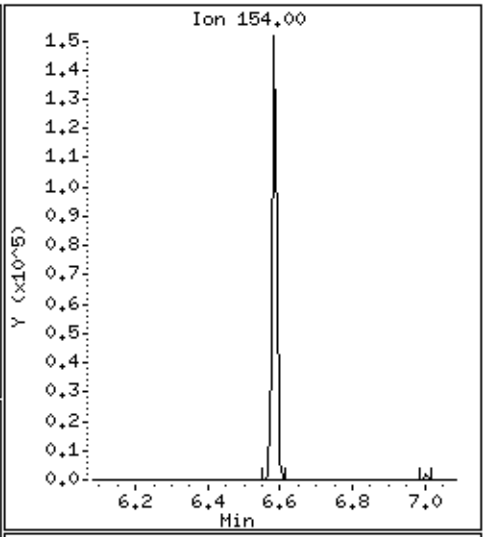
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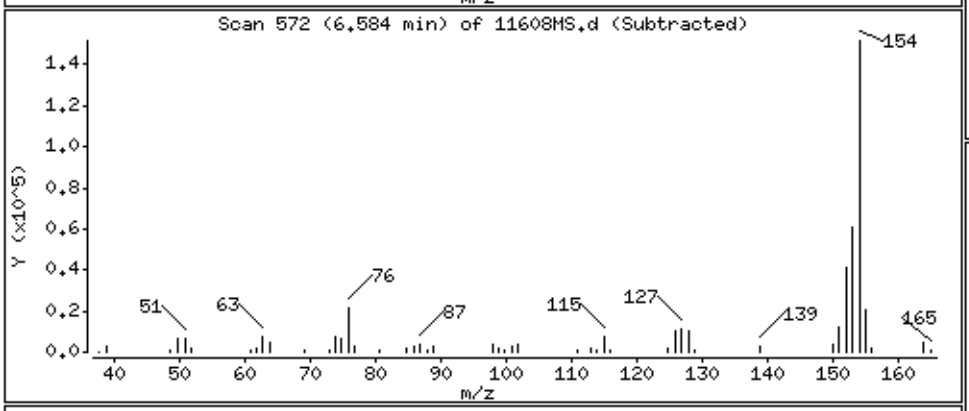
Column diameter: 0.25

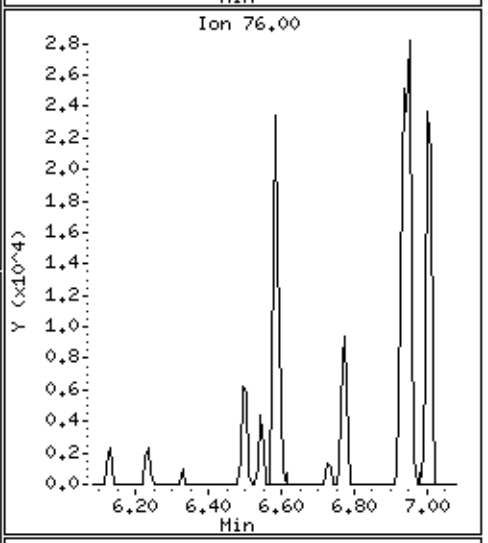
61 1,1-Biphenyl

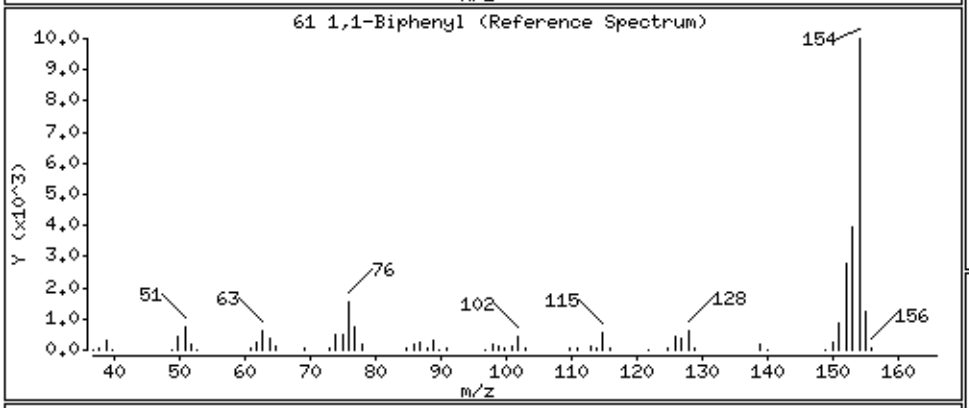
Concentration: 1520 ug/kg

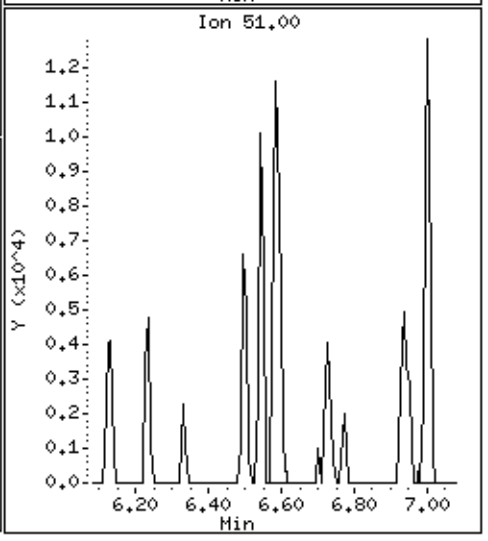


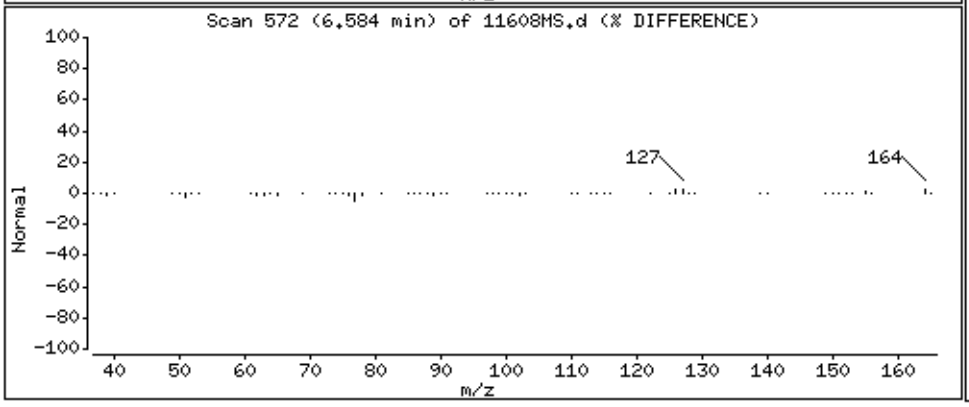












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

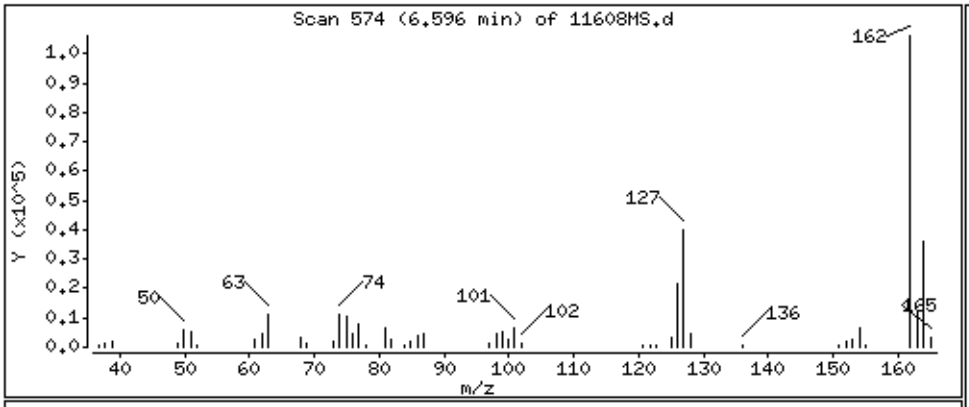
Operator: MJ

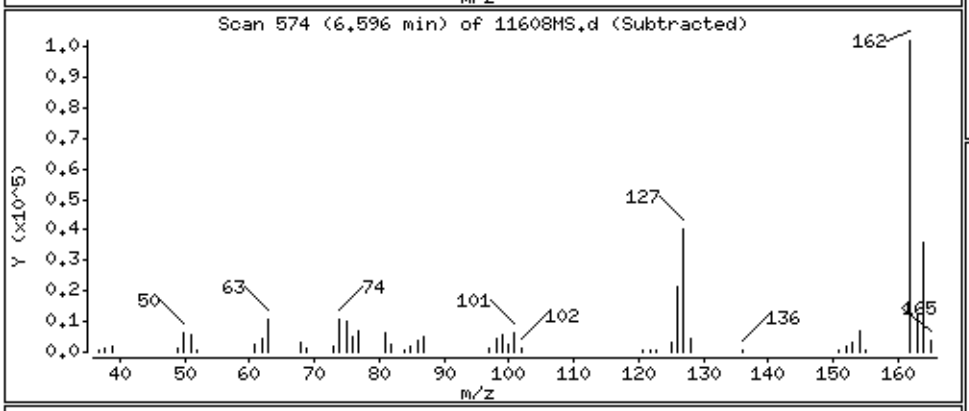
Column phase: HPMS-5

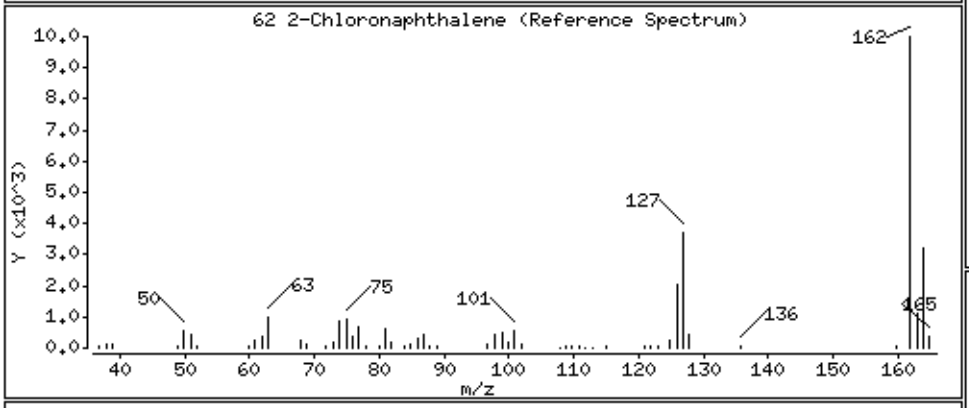
Column diameter: 0.25

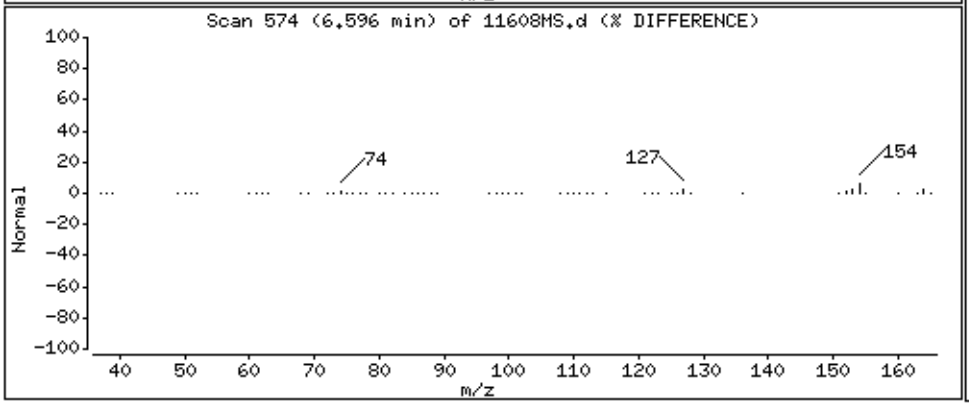
62 2-Chloronaphthalene

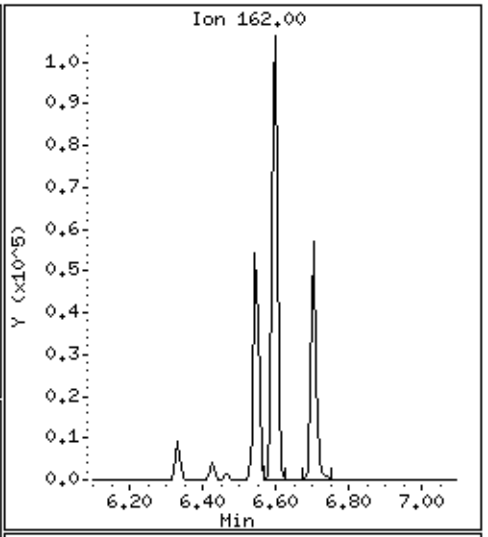
Concentration: 1620 ug/kg

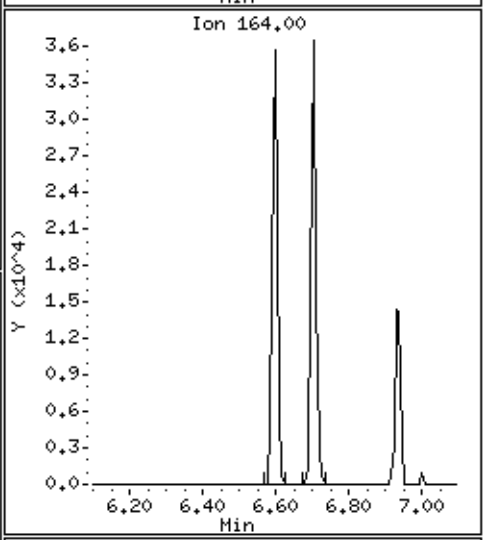


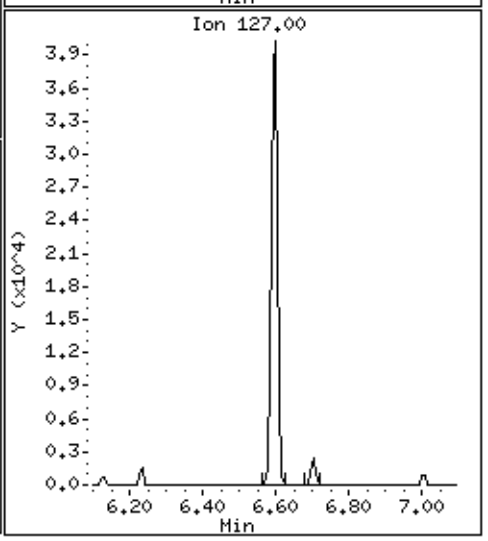












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

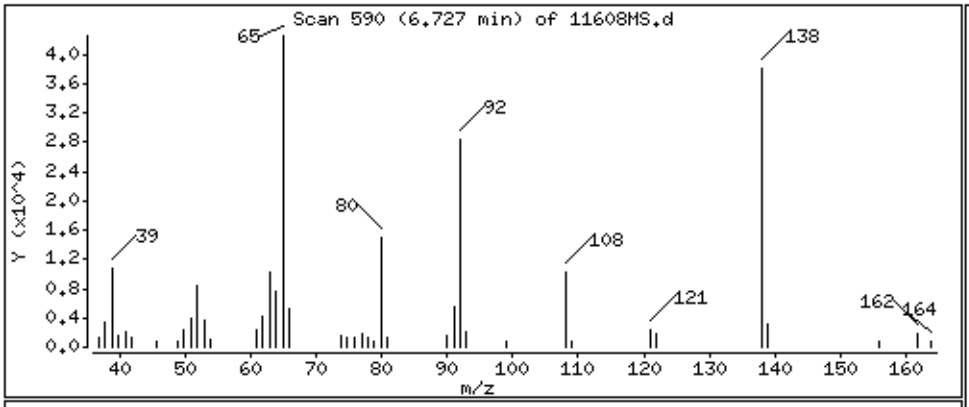
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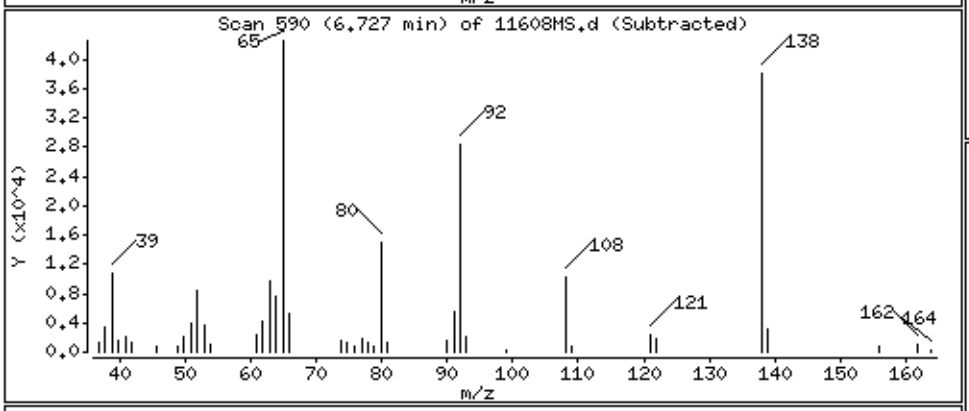
Column phase: HPMS-5

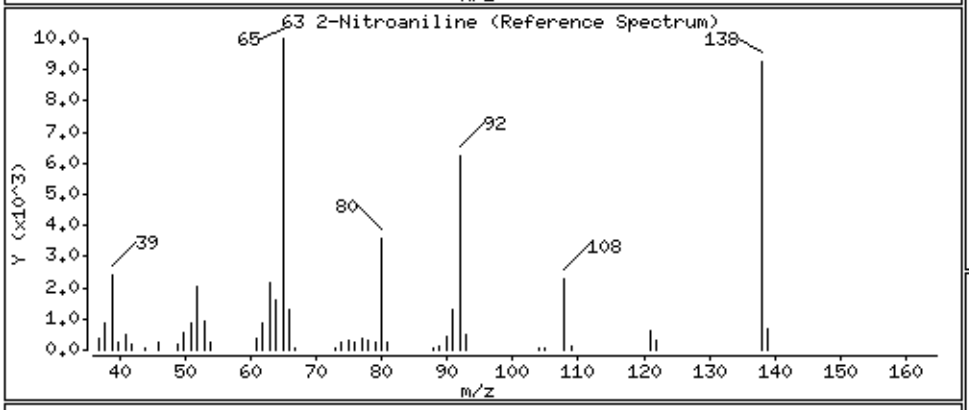
Column diameter: 0.25

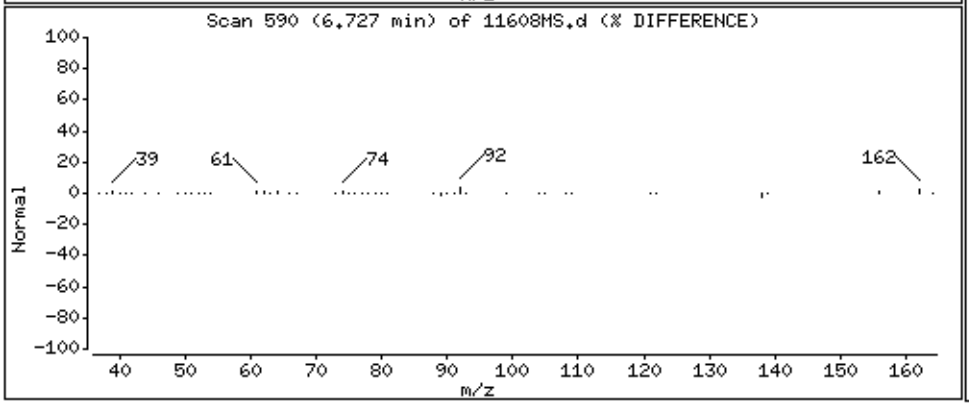
63 2-Nitroaniline

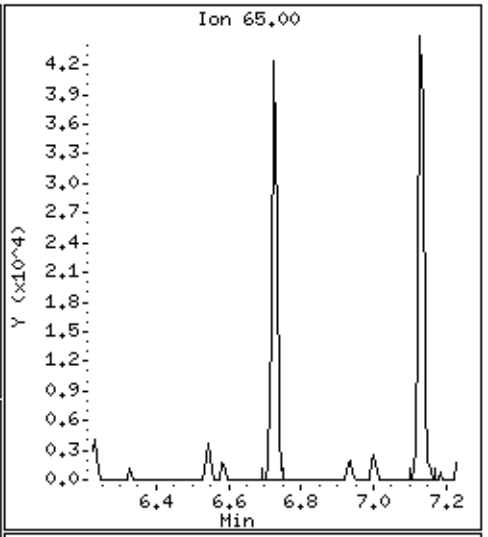
Concentration: 1740 ug/kg

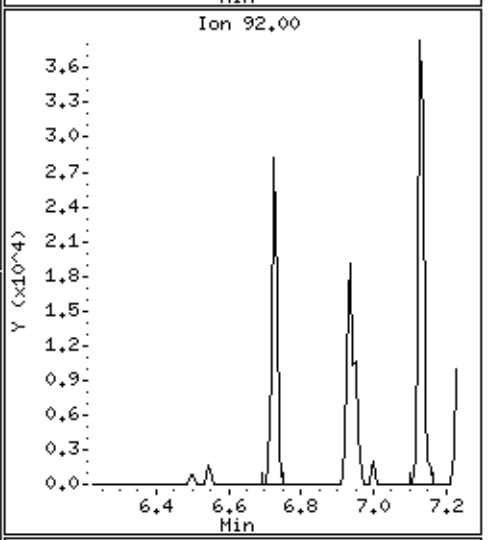


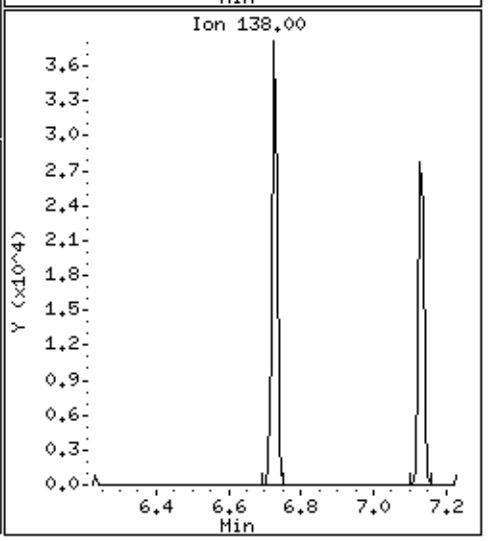












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Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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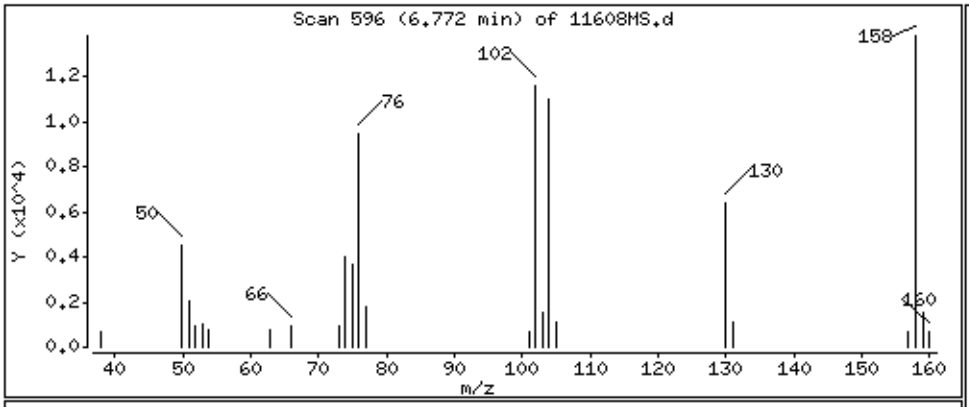
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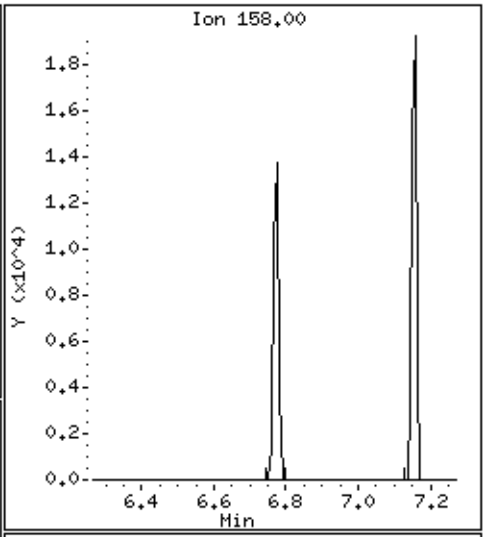
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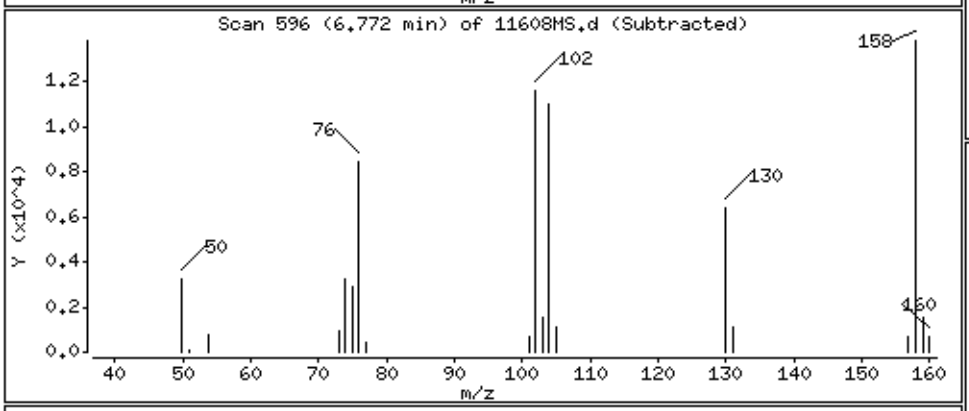
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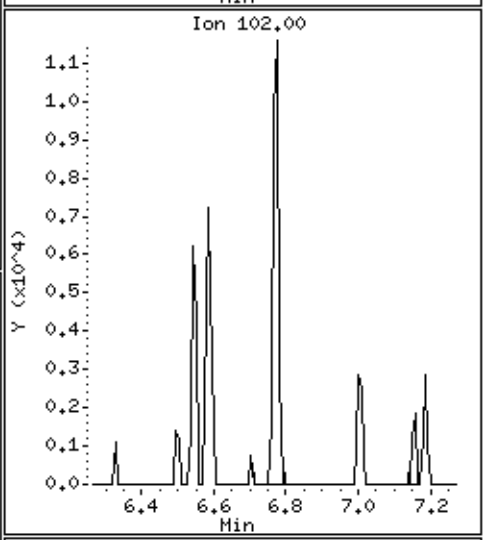
64 1,4-Naphthoquinone

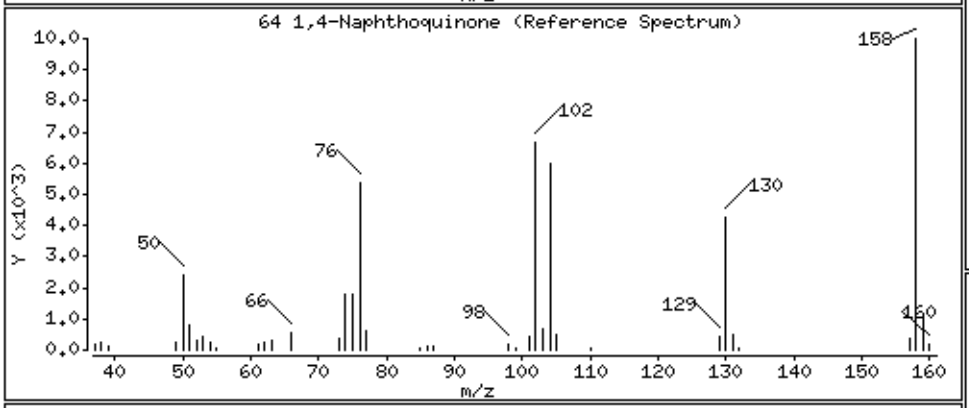
Concentration: 565 ug/kg

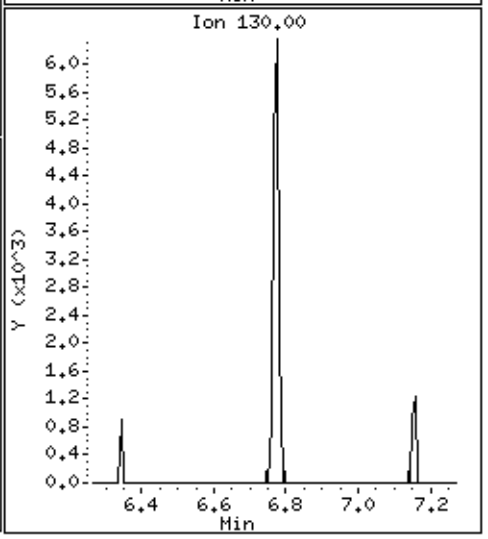


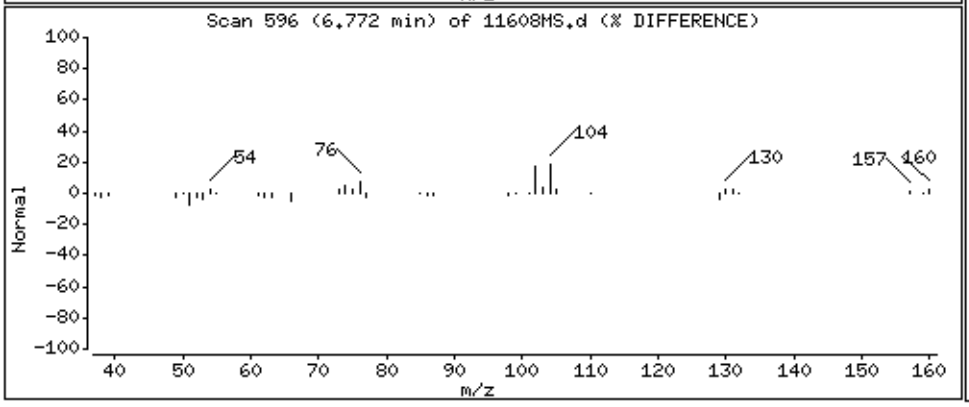












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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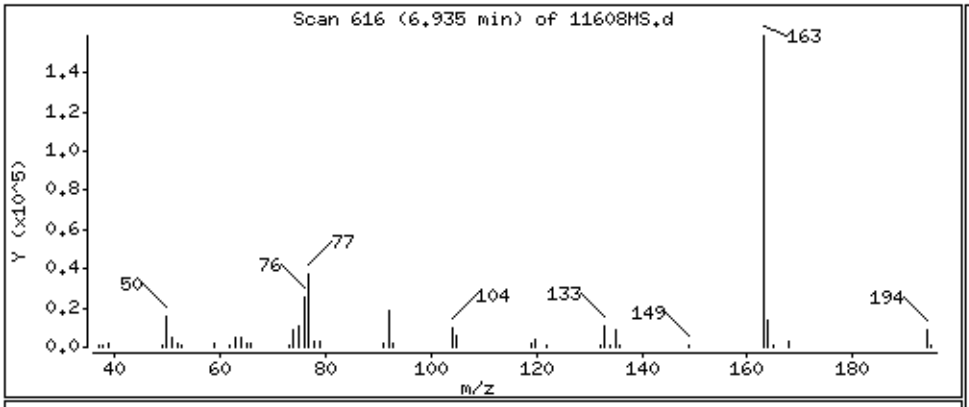
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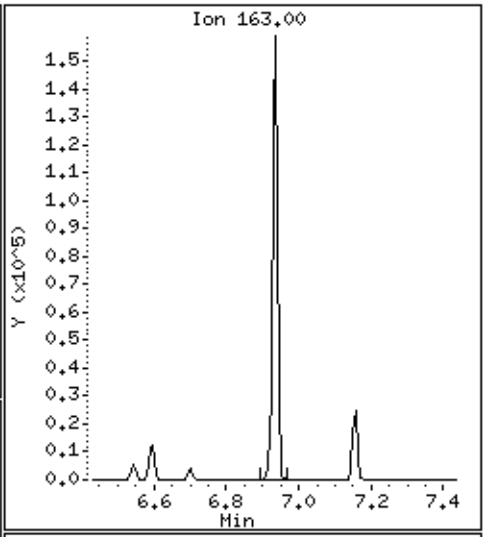
Column phase: HPMS-5

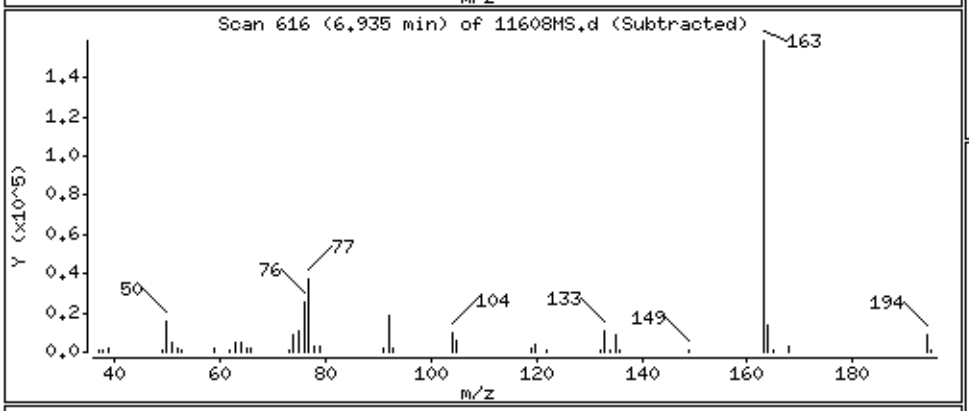
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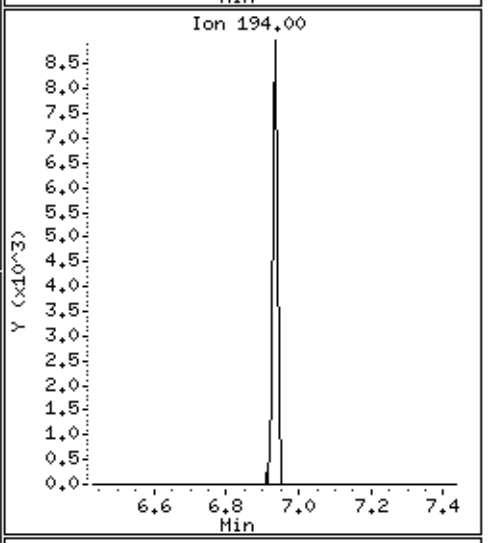
65 Dimethylphthalate

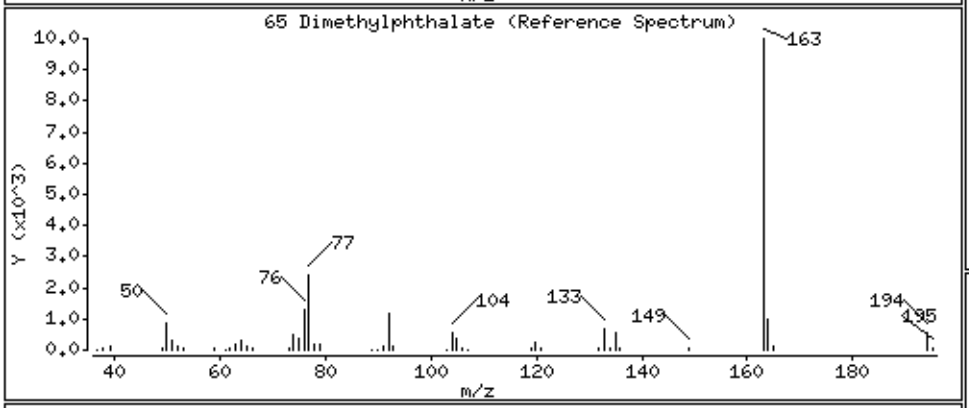
Concentration: 1820 ug/kg

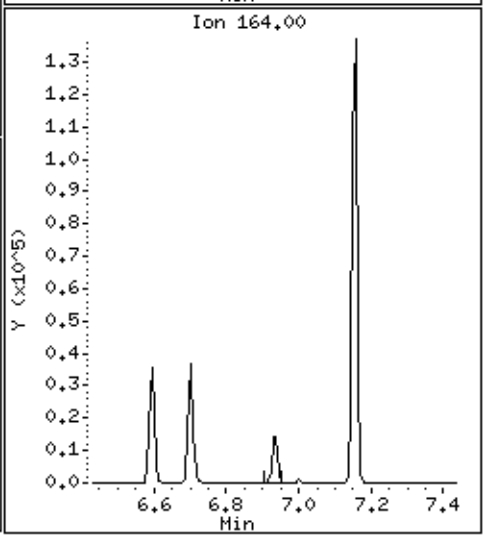


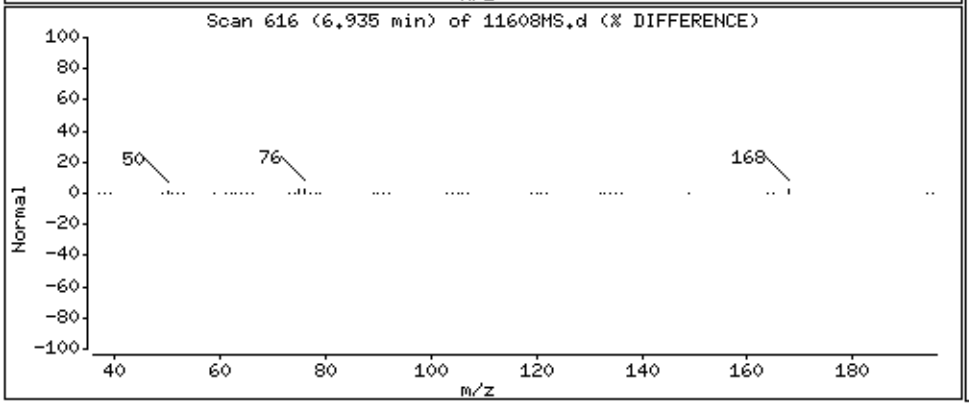












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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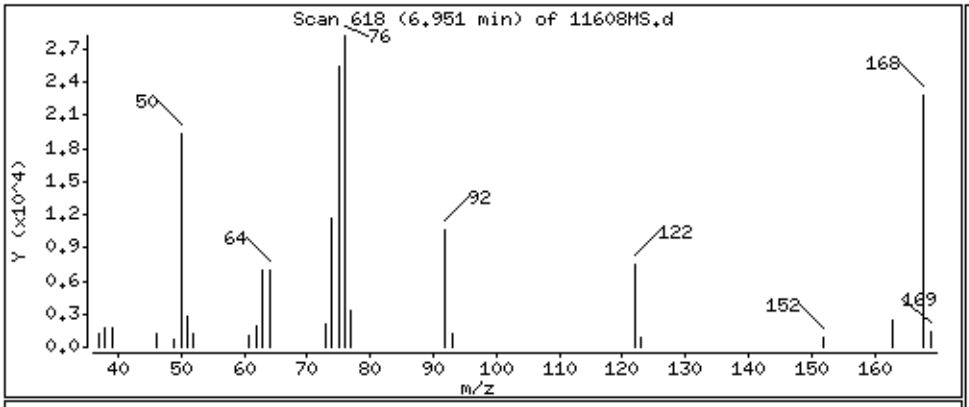
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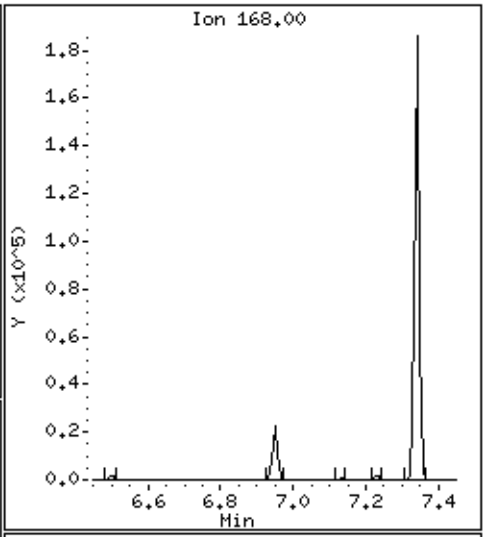
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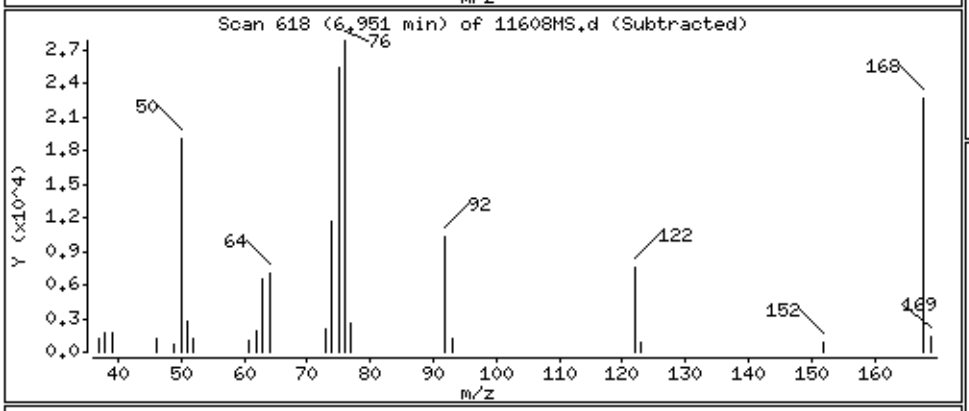
Column diameter: 0.25

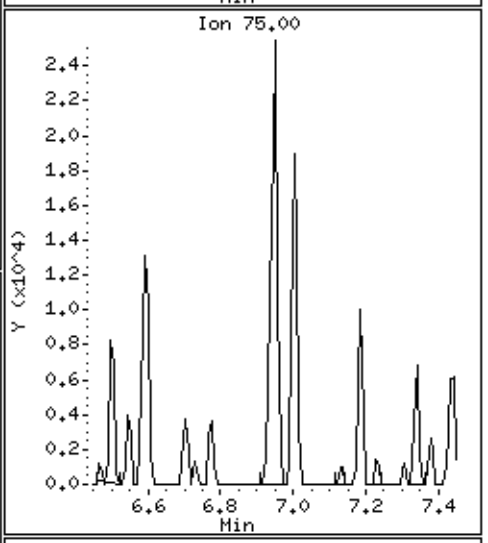
66 1,3-Dinitrobenzene

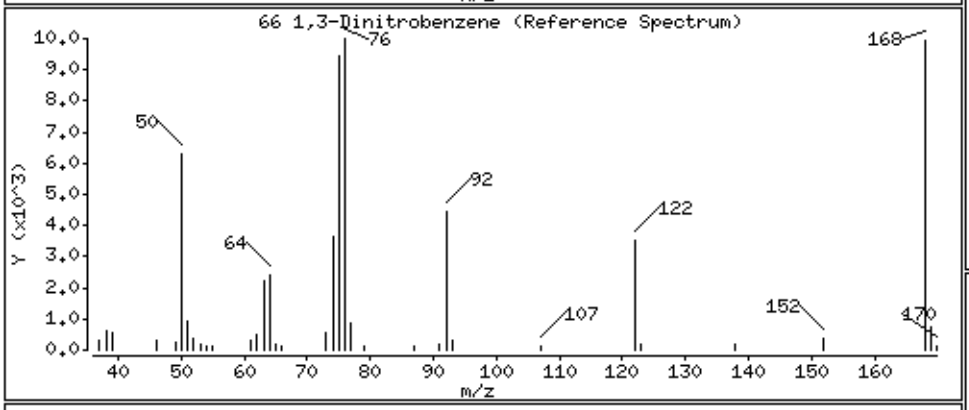
Concentration: 1780 ug/kg

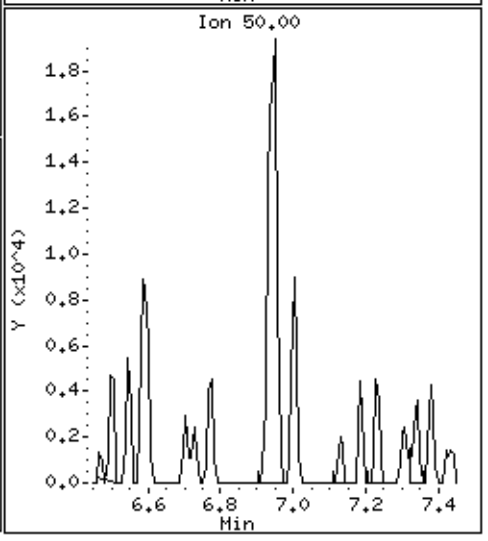


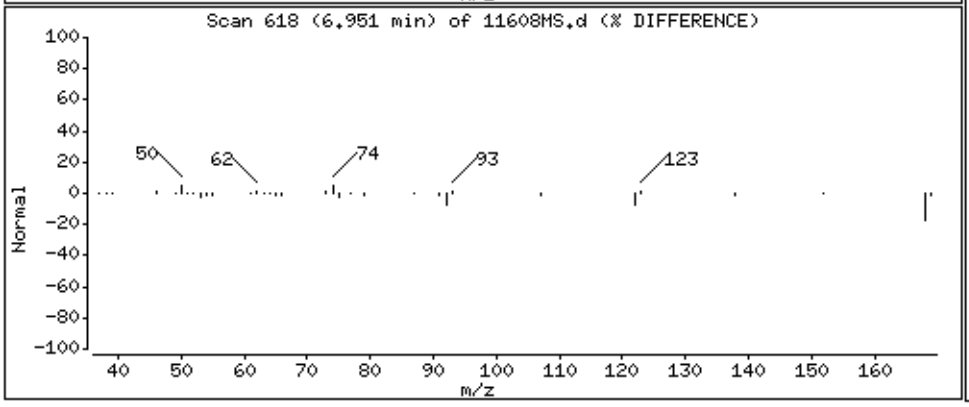












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

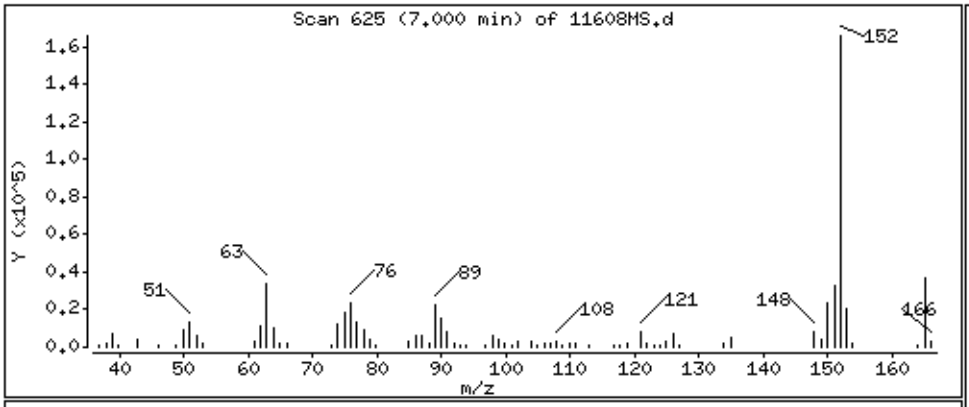
Operator: MJ

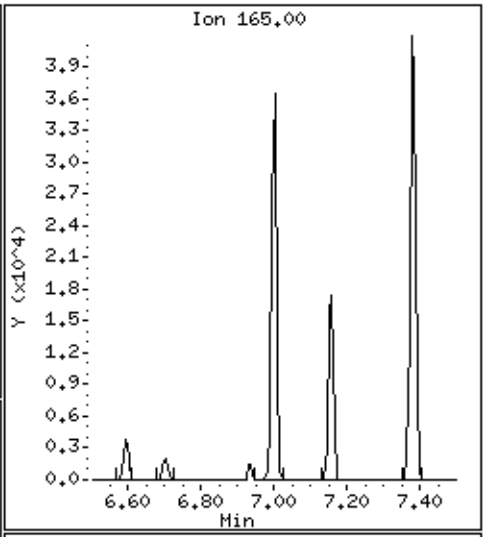
Column phase: HPMS-5

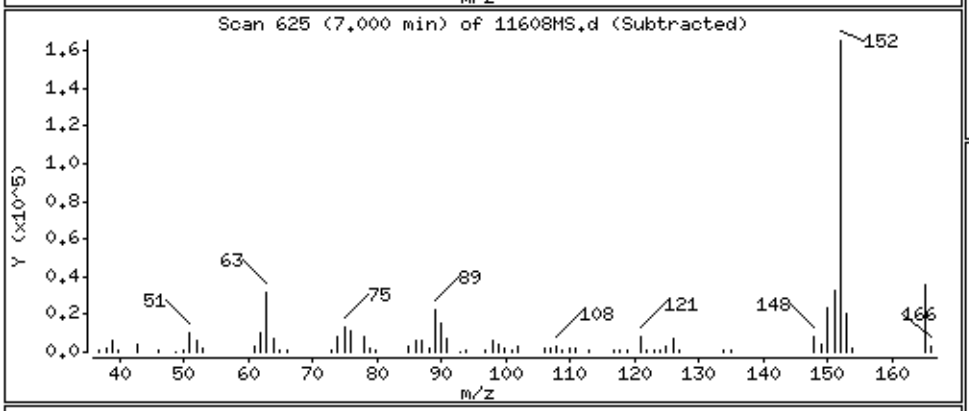
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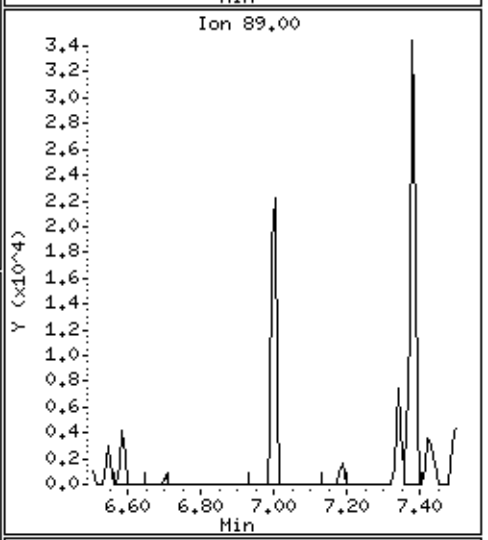
67 2,6-Dinitrotoluene

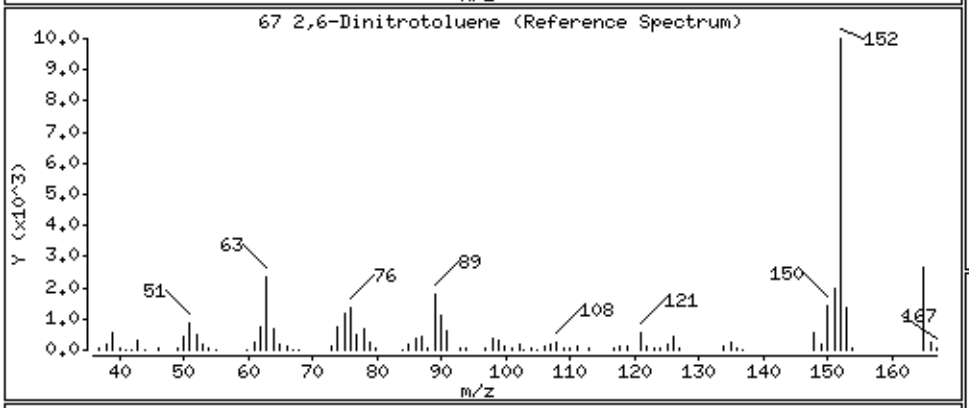
Concentration: 1830 ug/kg

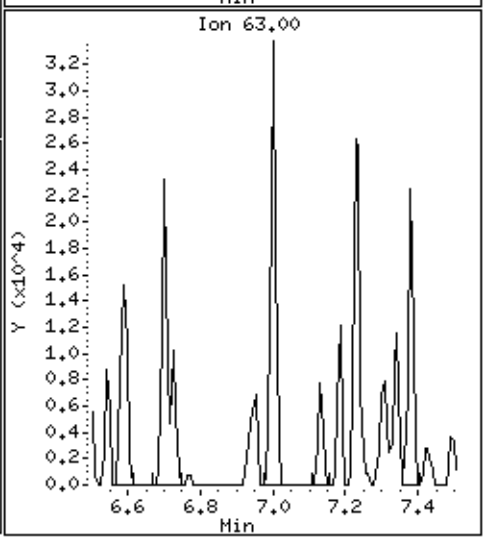


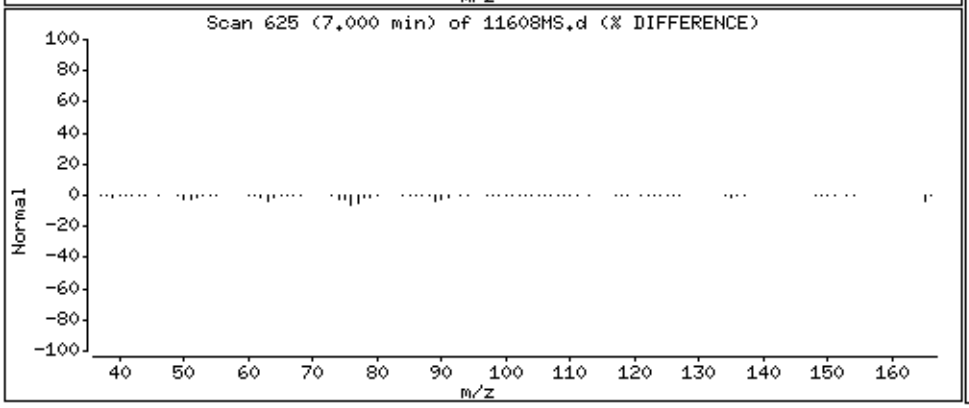












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

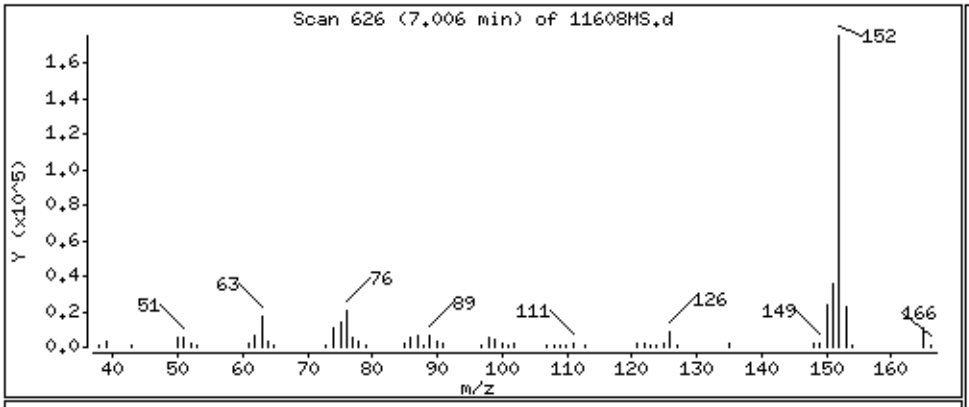
Operator: MJ

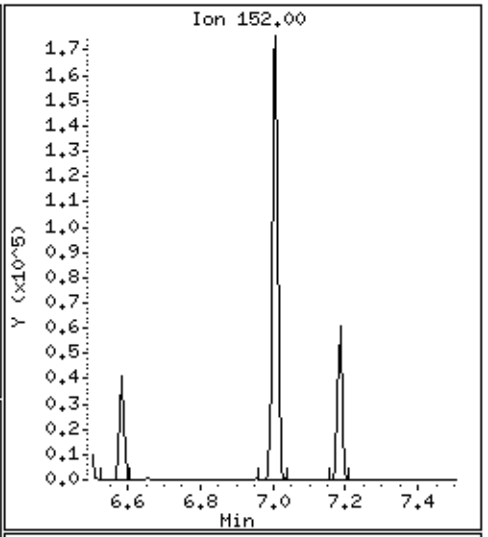
Column phase: HPMS-5

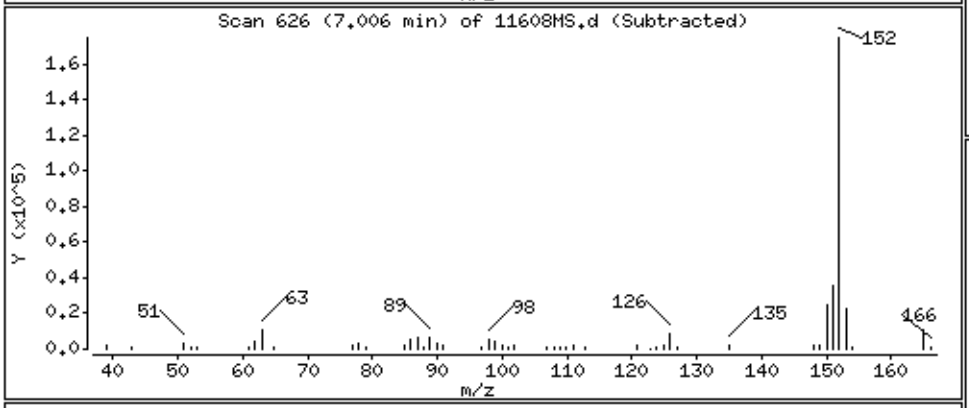
Column diameter: 0.25

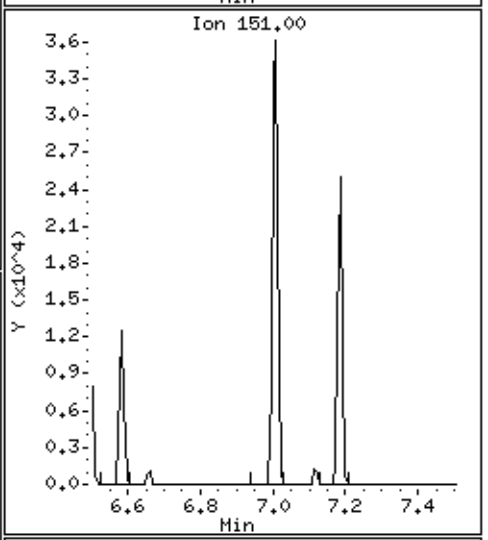
68 Acenaphthylene

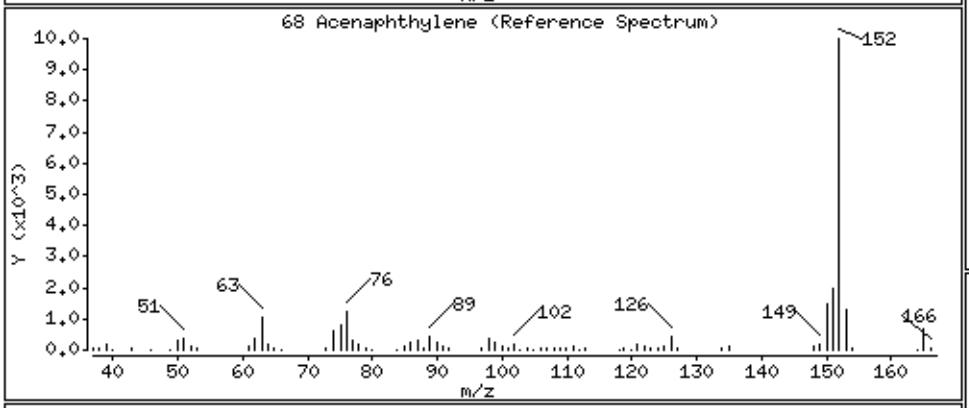
Concentration: 1670 ug/kg

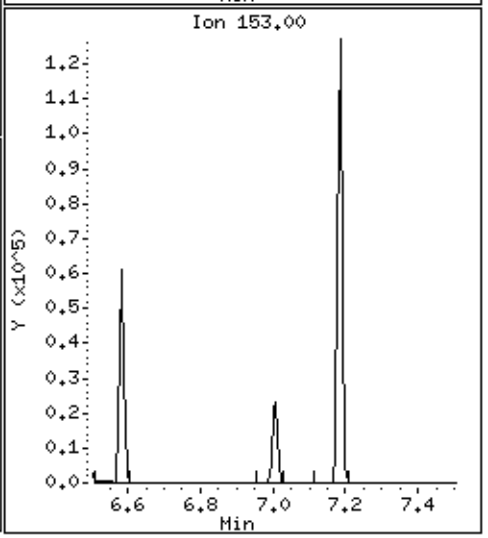


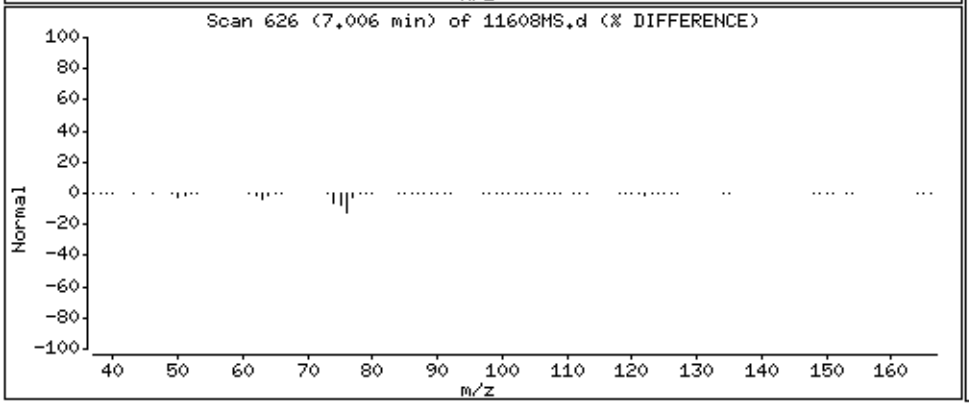












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

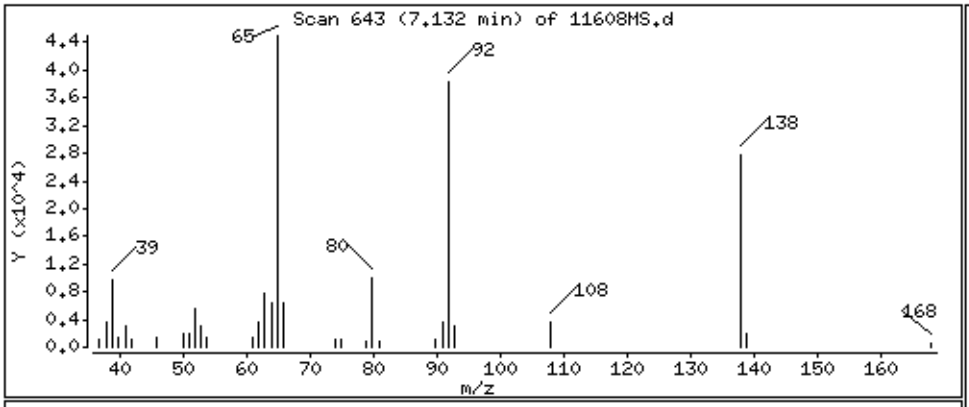
Operator: MJ

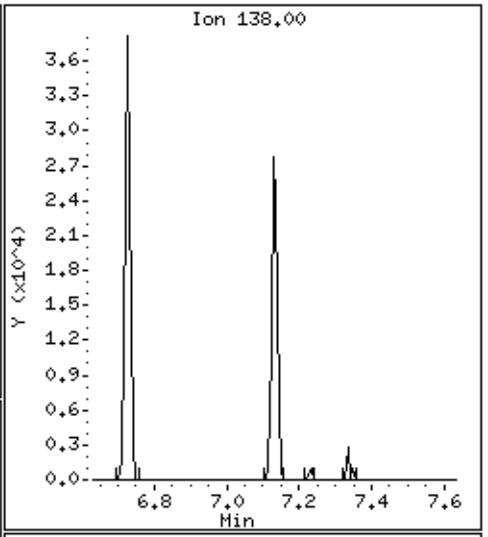
Column phase: HPMS-5

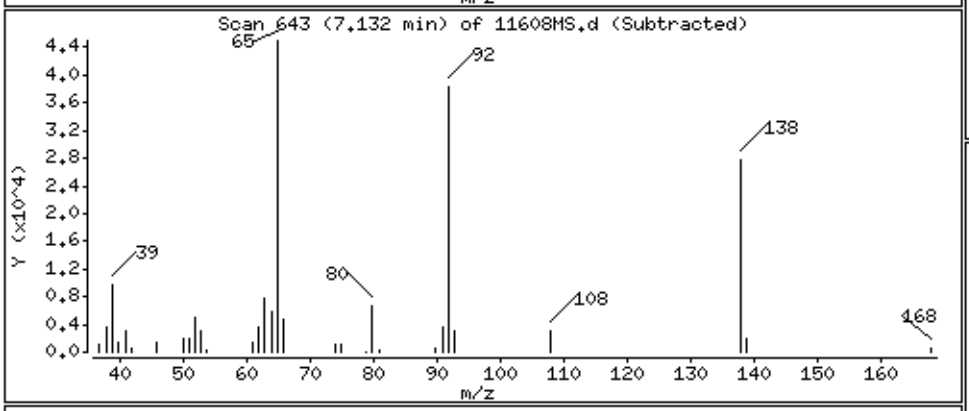
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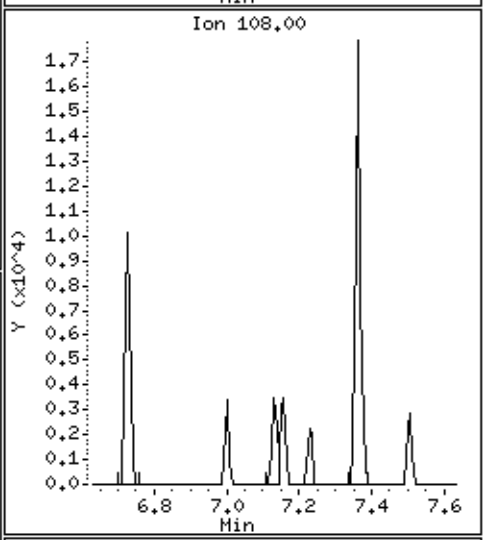
69 3-Nitroaniline

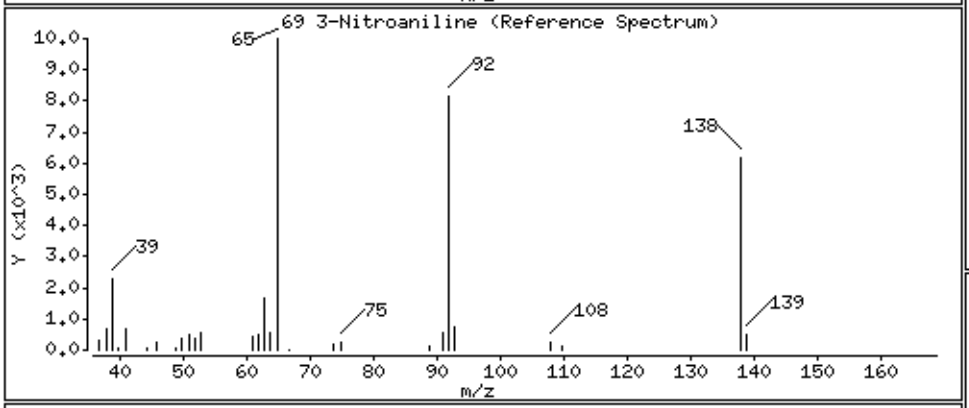
Concentration: 1700 ug/kg

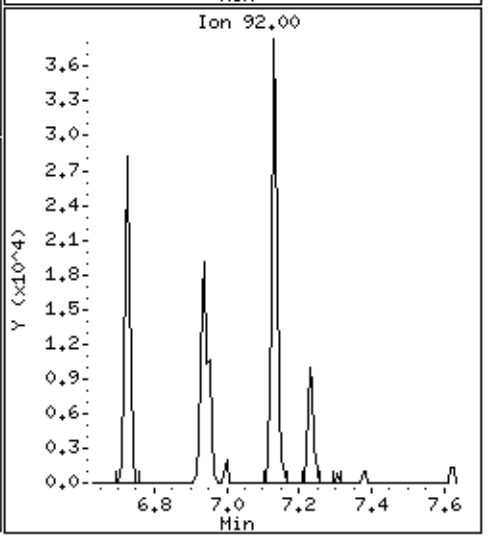


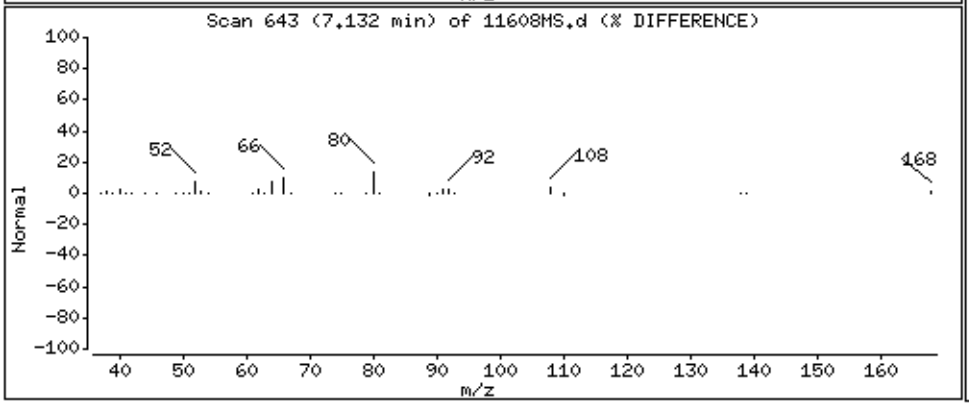












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

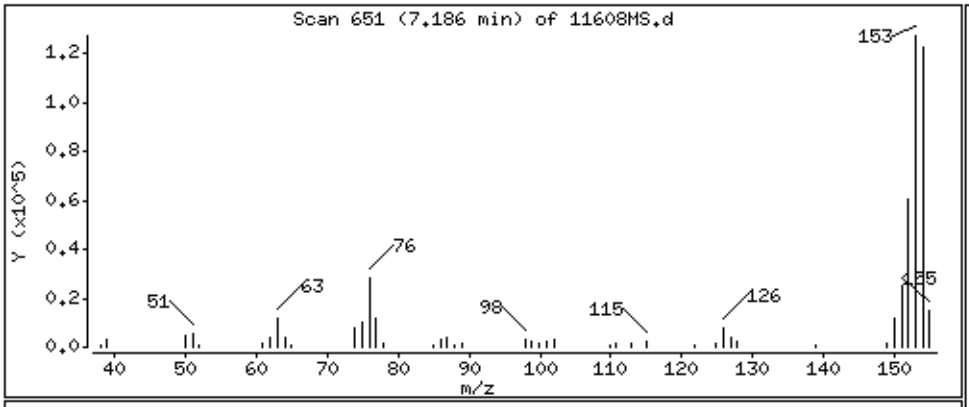
Operator: MJ

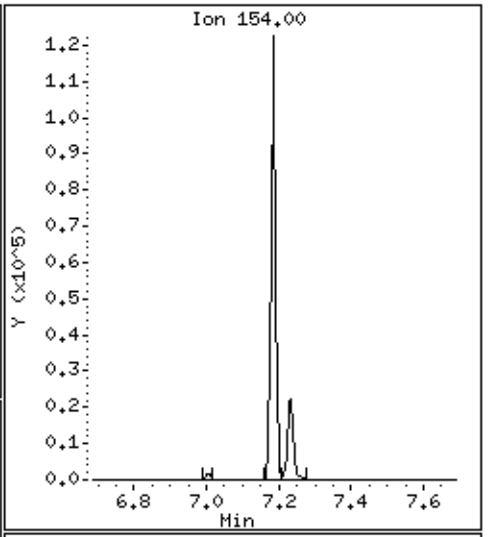
Column phase: HPMS-5

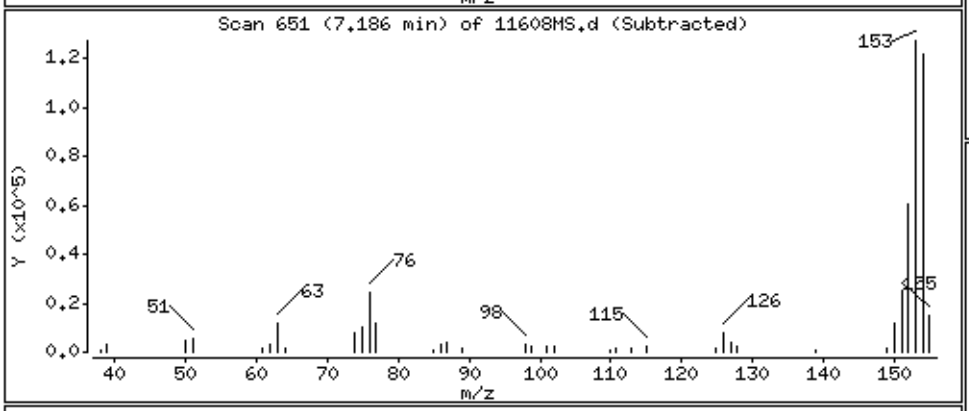
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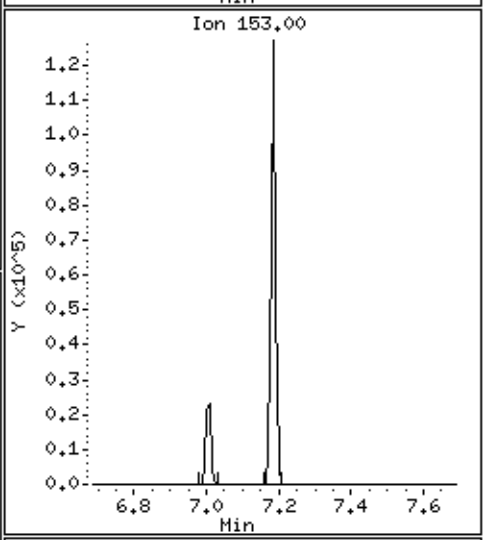
71 Acenaphthene

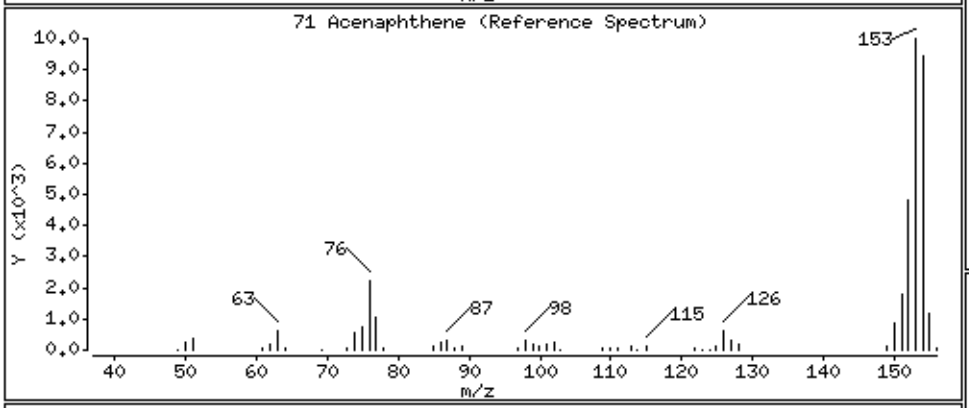
Concentration: 1660 ug/kg

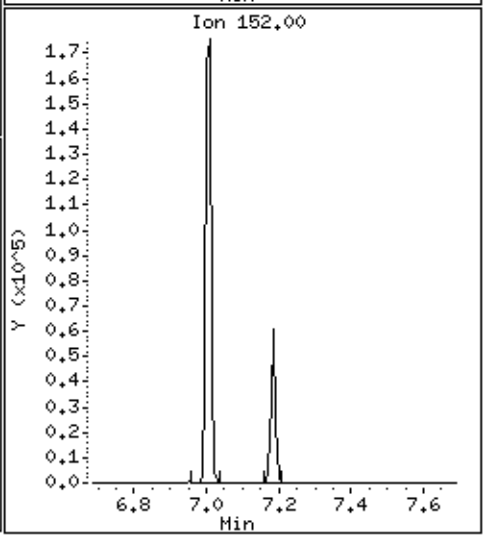


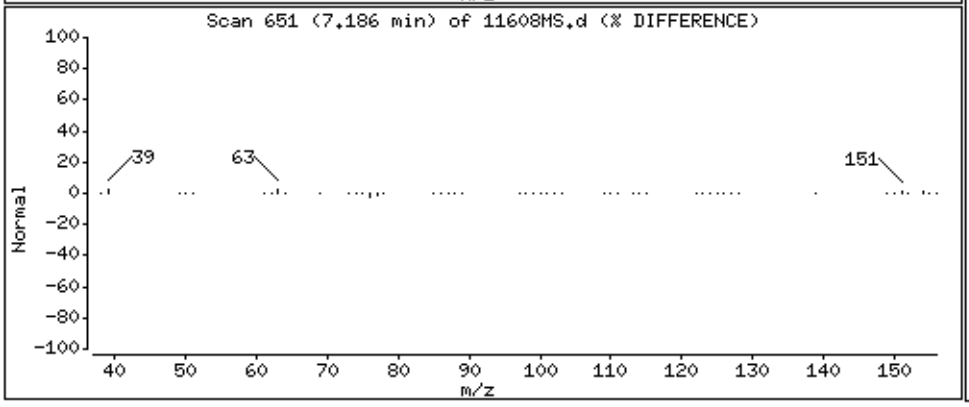












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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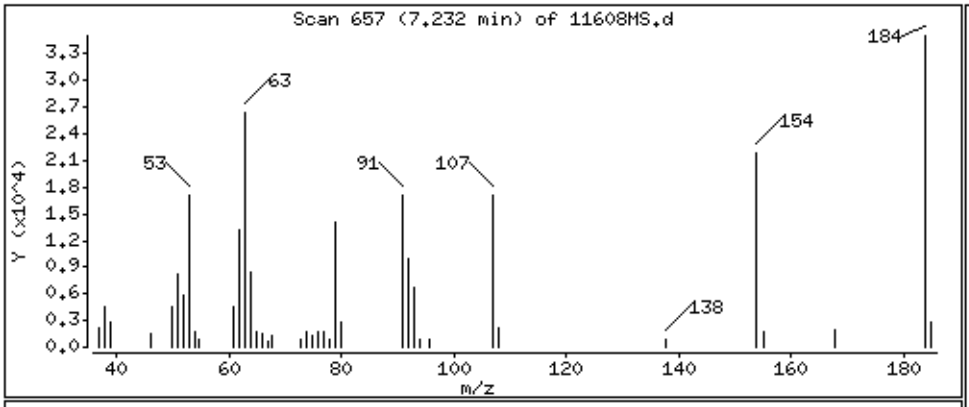
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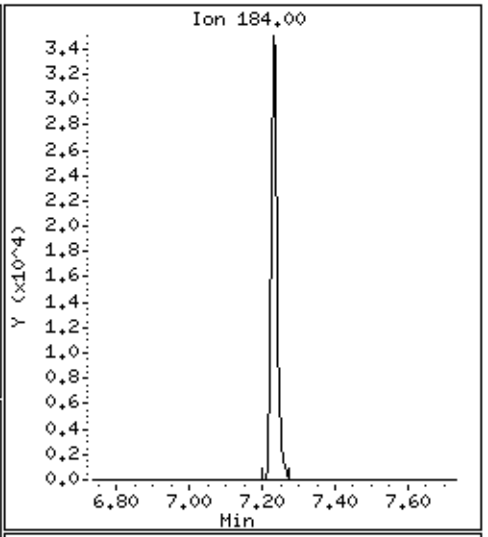
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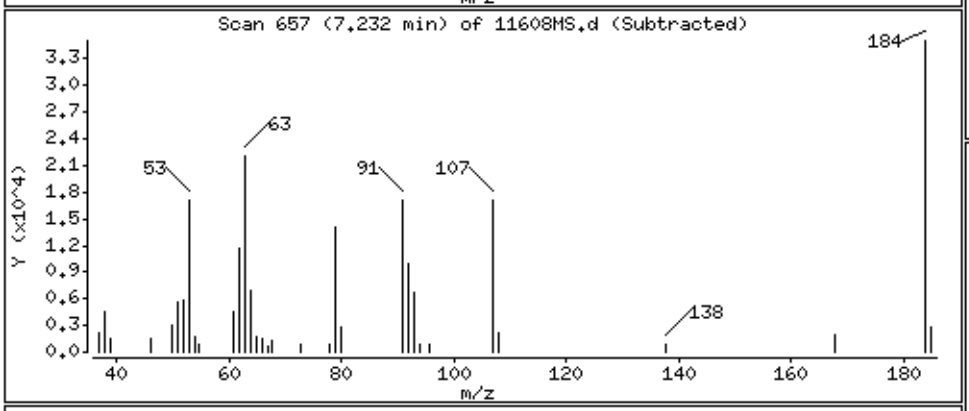
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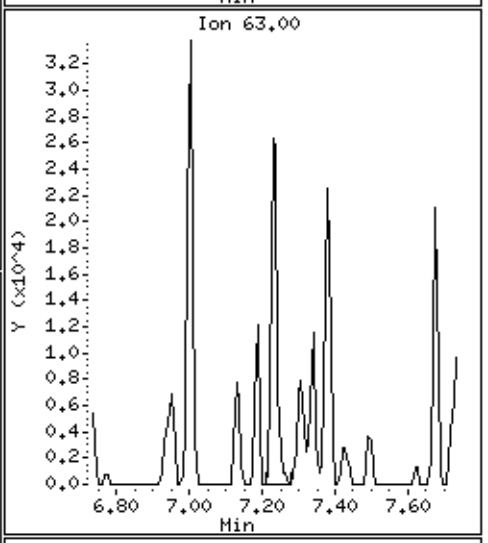
72 2,4-Dinitrophenol

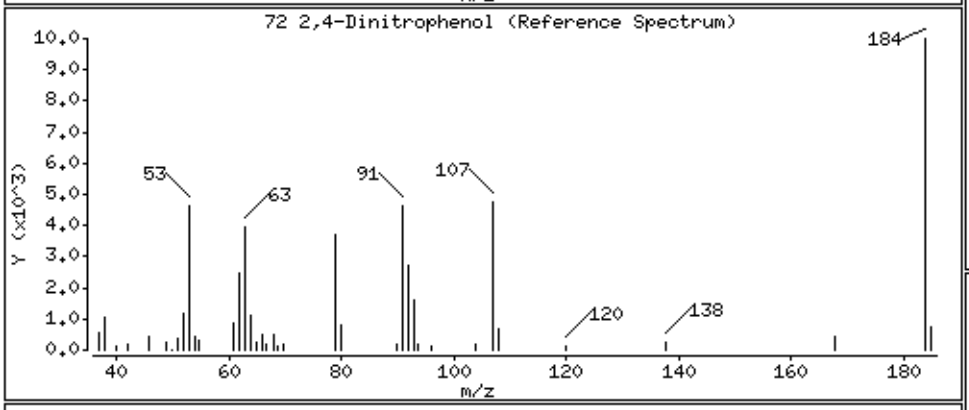
Concentration: 3440 ug/kg

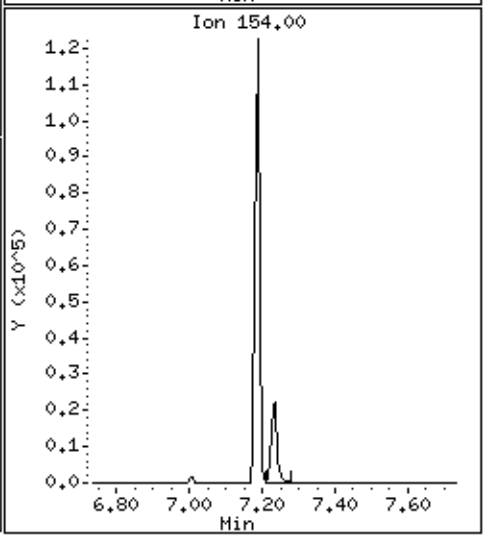


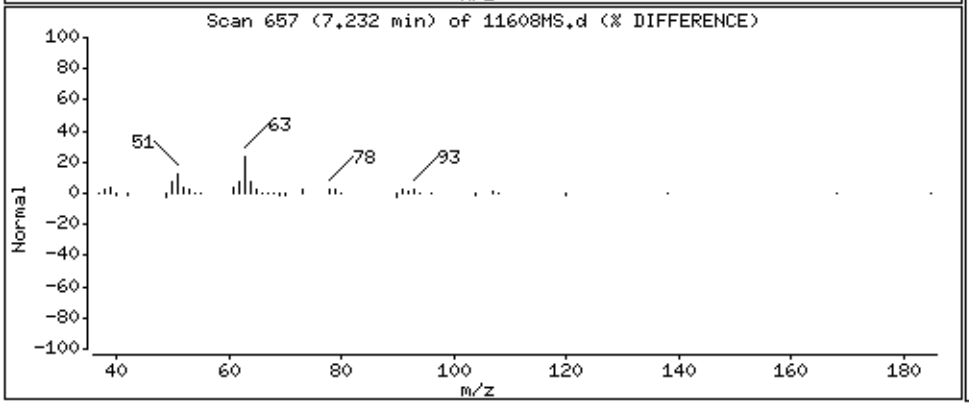












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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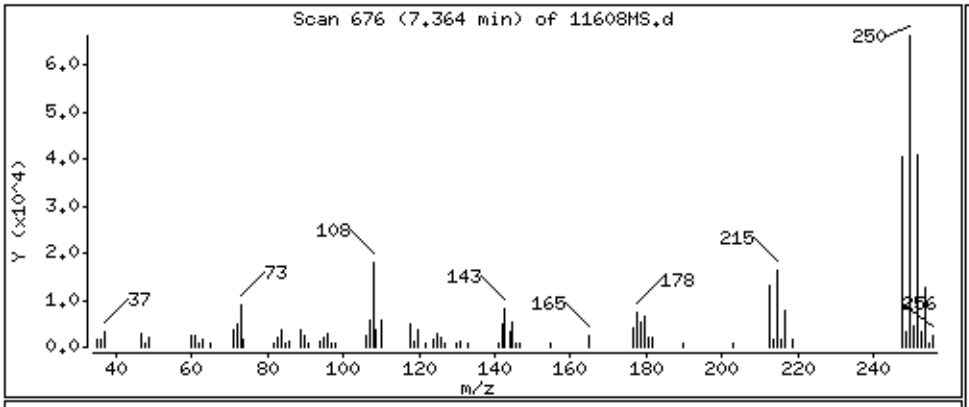
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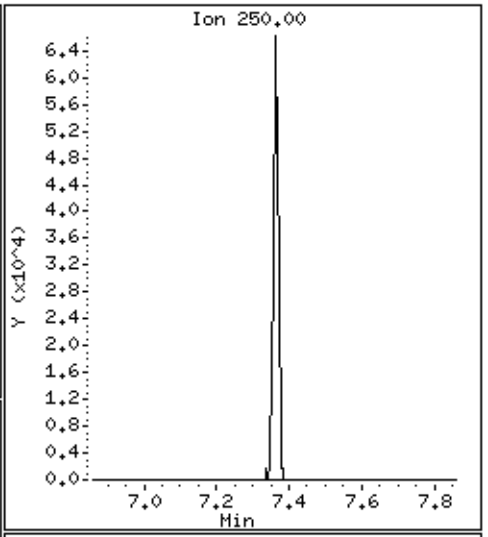
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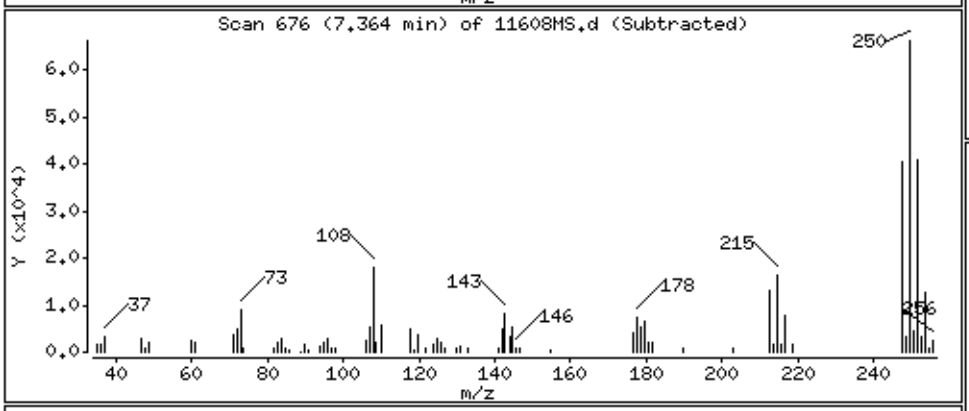
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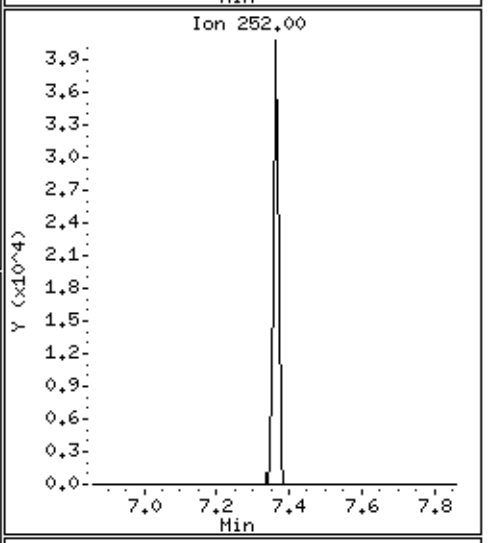
73 Pentachlorobenzene

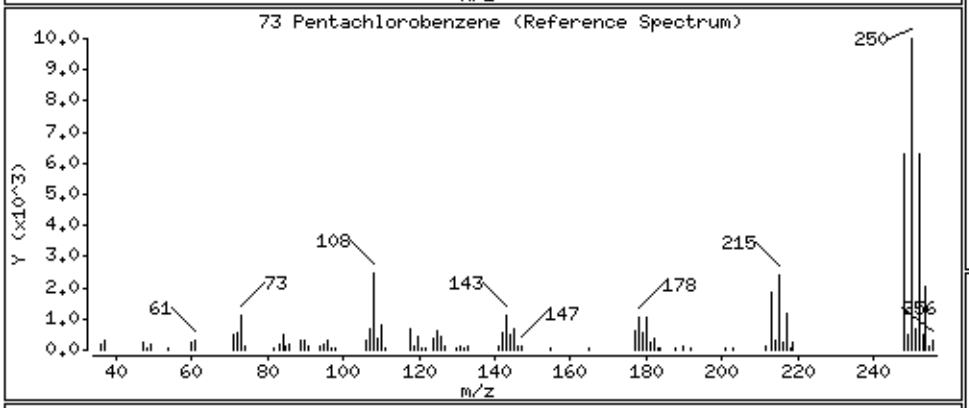
Concentration: 1560 ug/kg

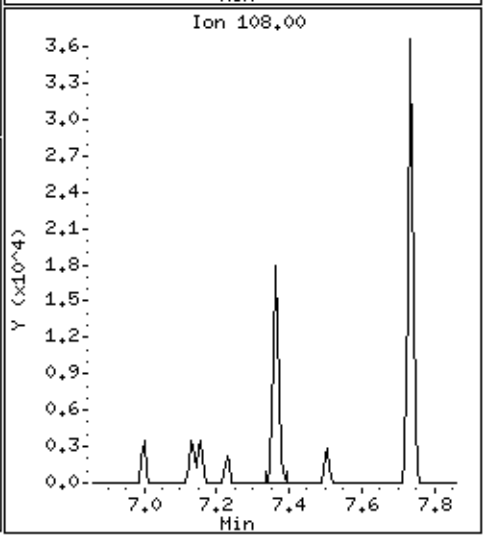


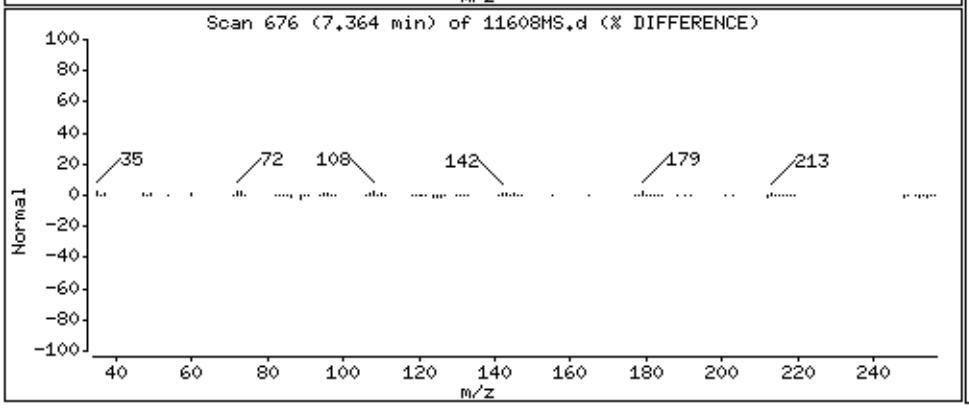












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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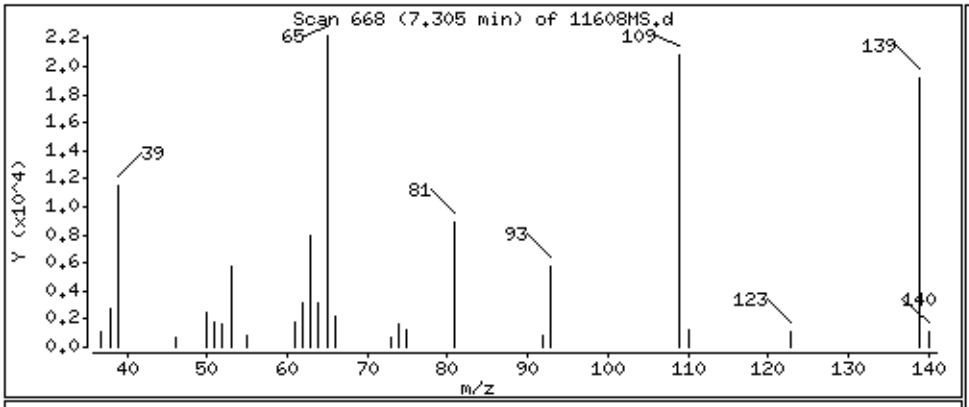
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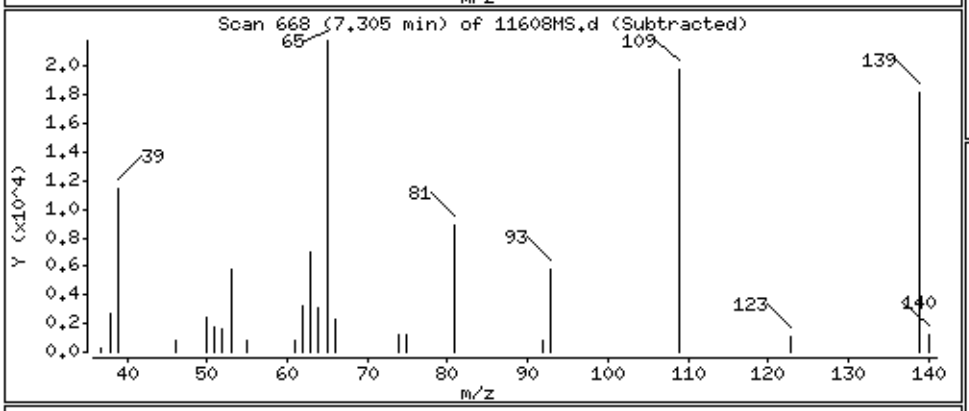
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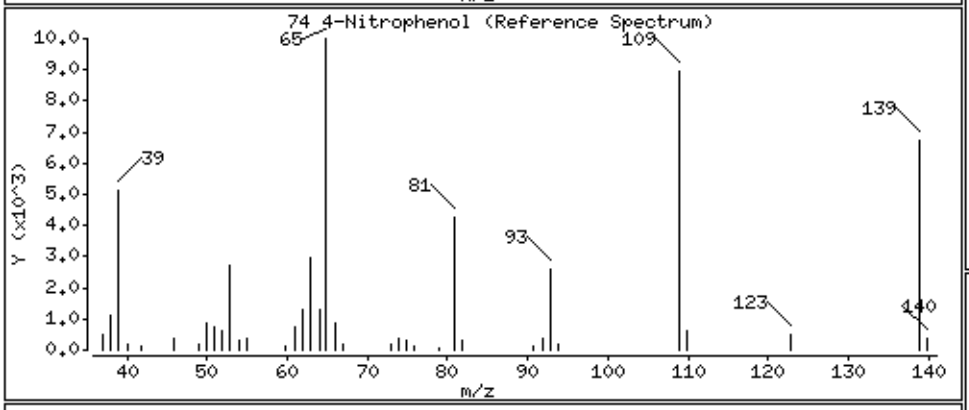
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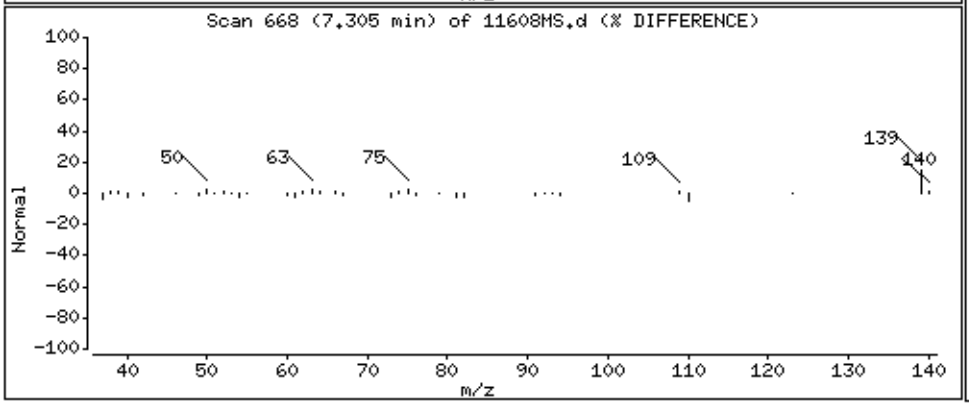
74 4-Nitrophenol

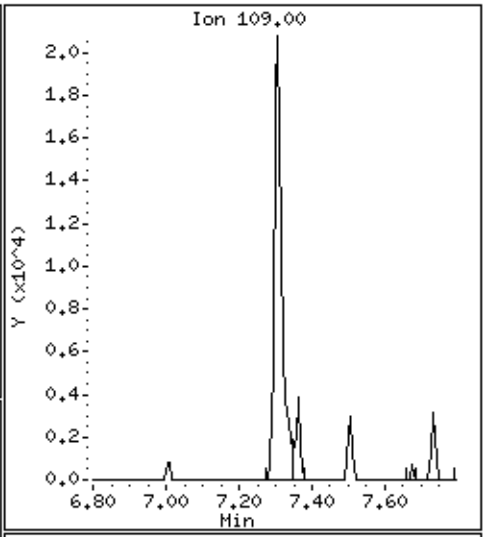
Concentration: 2020 ug/kg

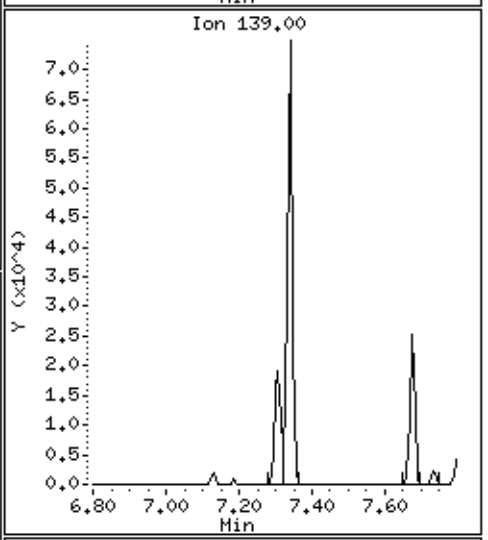


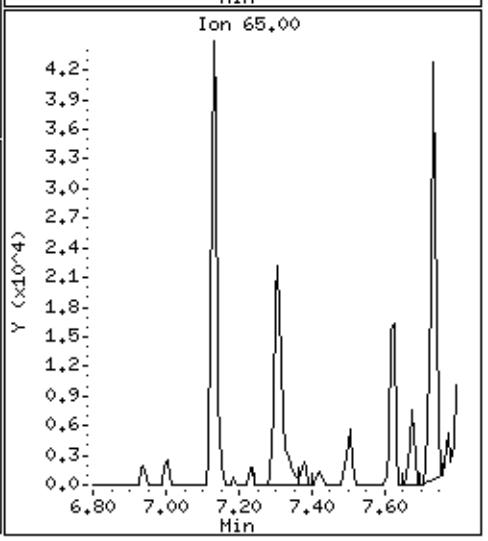












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

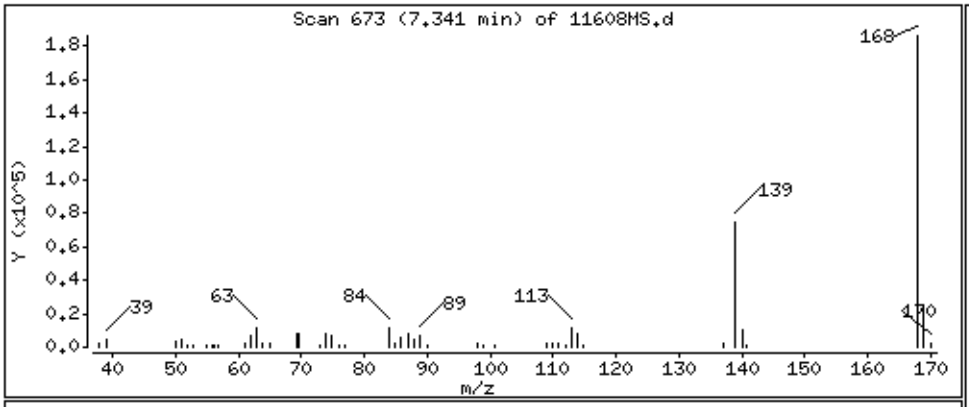
Operator: MJ

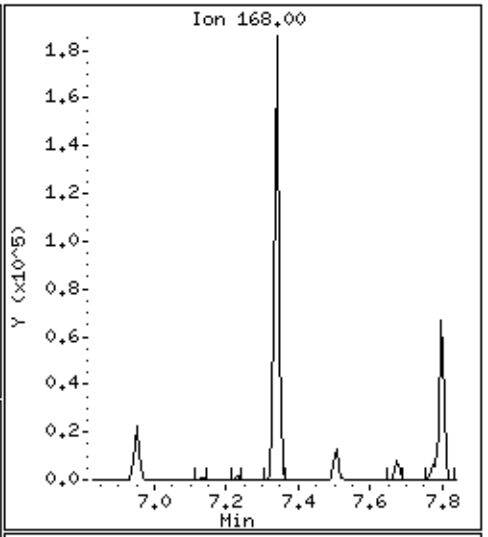
Column phase: HPMS-5

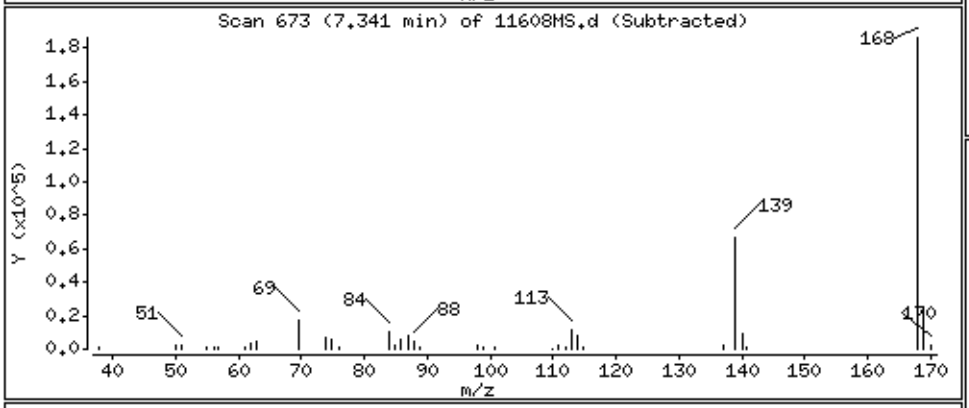
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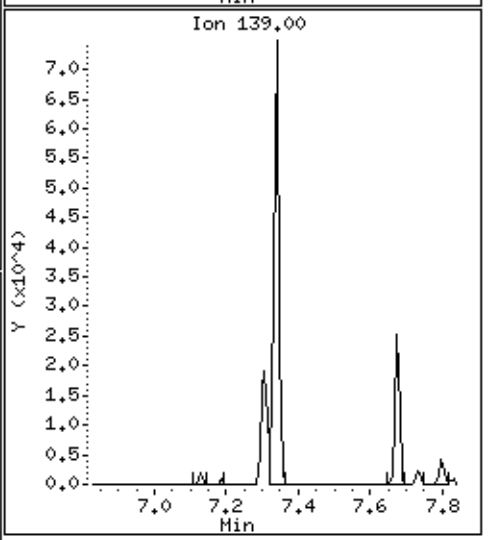
75 Dibenzofuran

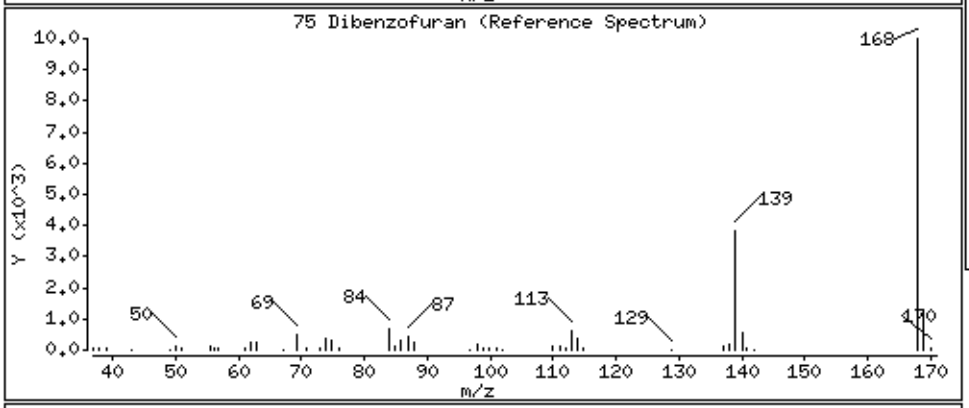
Concentration: 1750 ug/kg

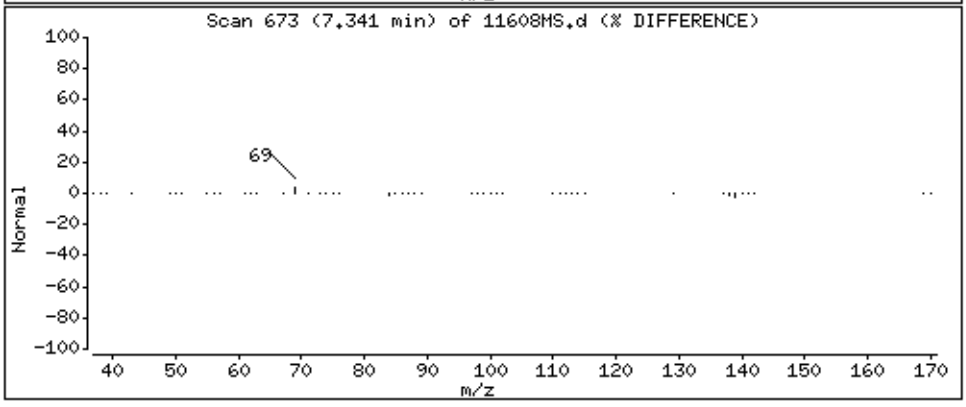












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

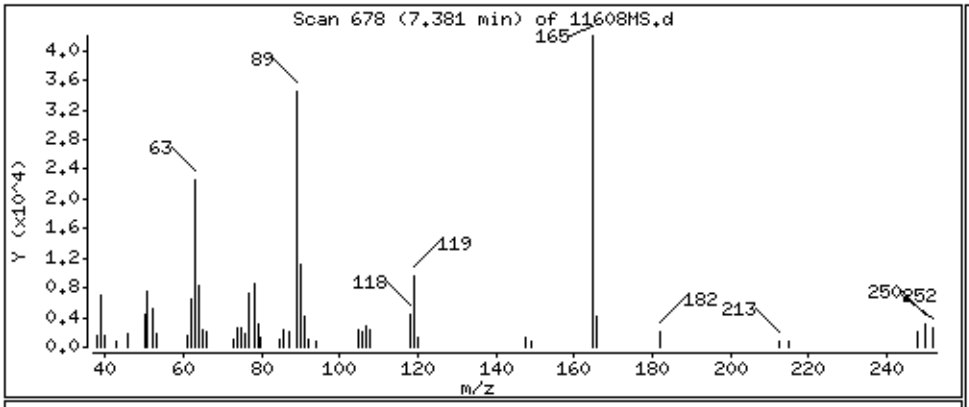
Operator: MJ

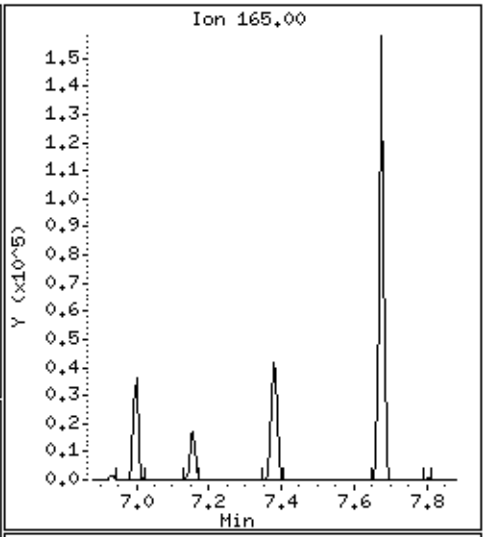
Column phase: HPMS-5

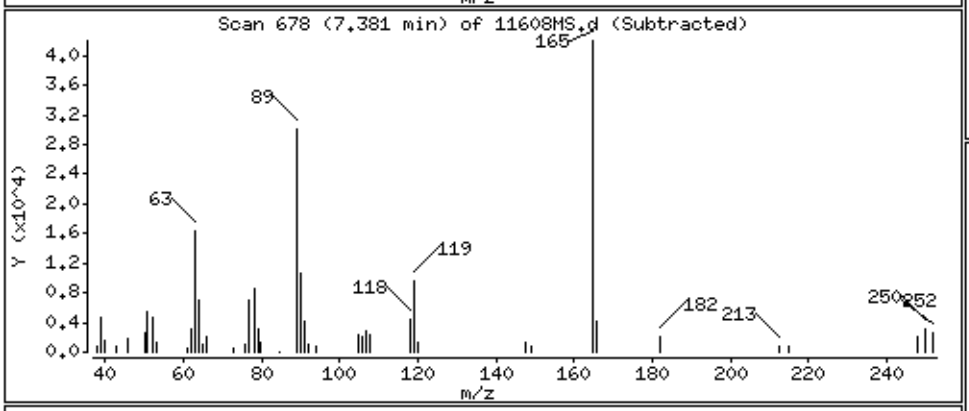
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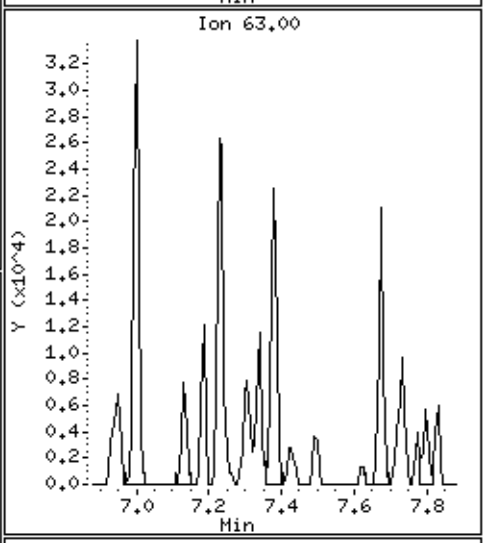
76 2,4-Dinitrotoluene

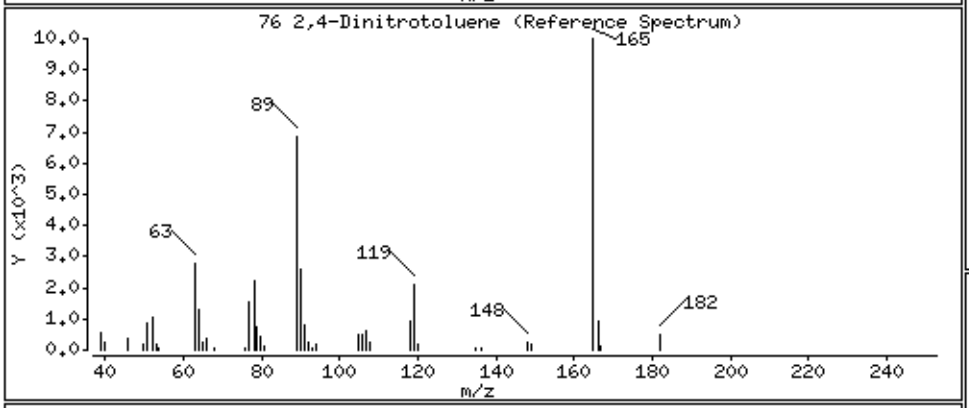
Concentration: 1880 ug/kg

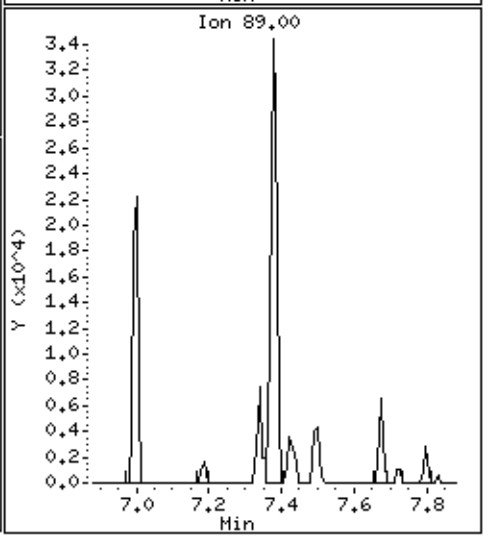


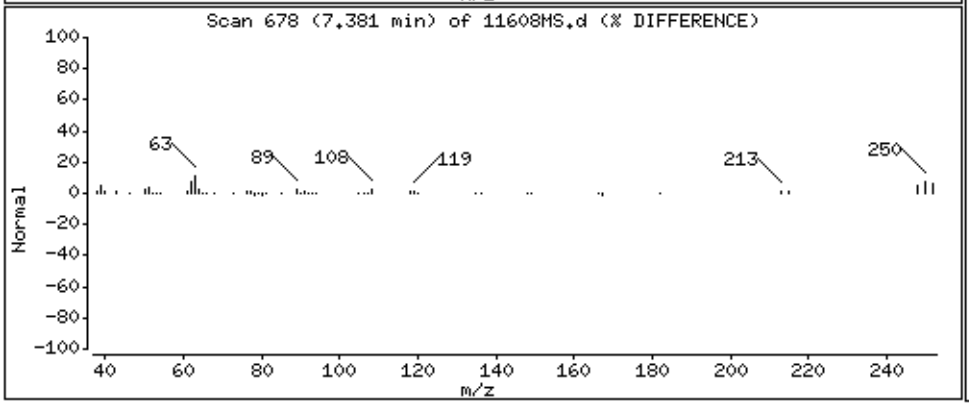












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

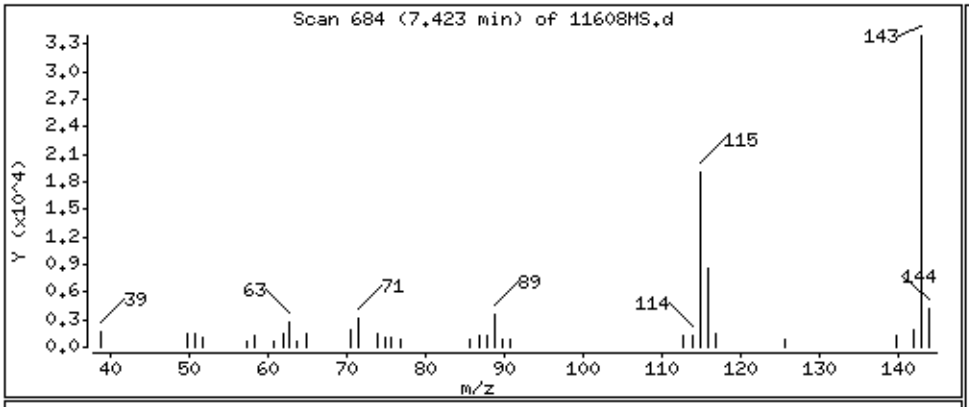
Operator: MJ

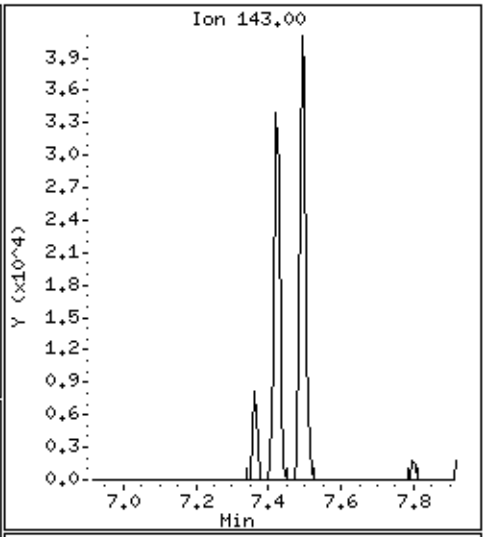
Column phase: HPMS-5

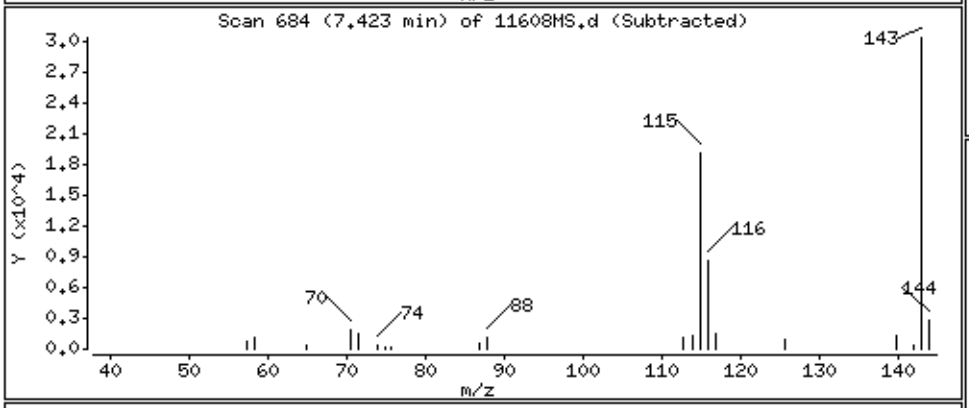
Column diameter: 0.25

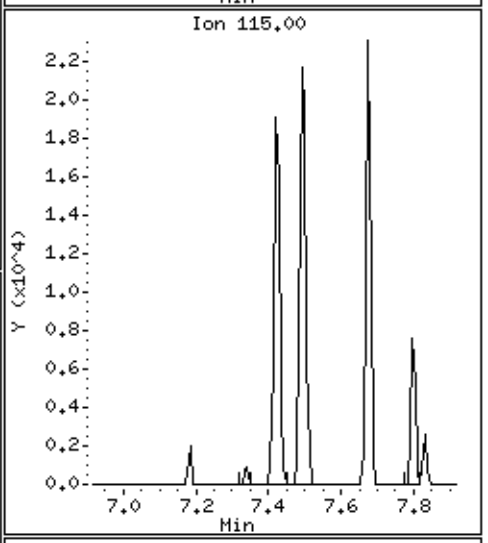
77 1-Naphthylamine

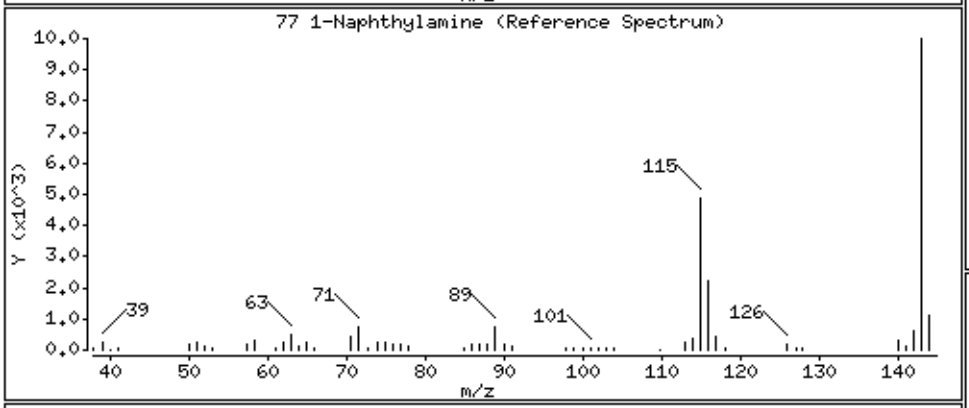
Concentration: 554 ug/kg

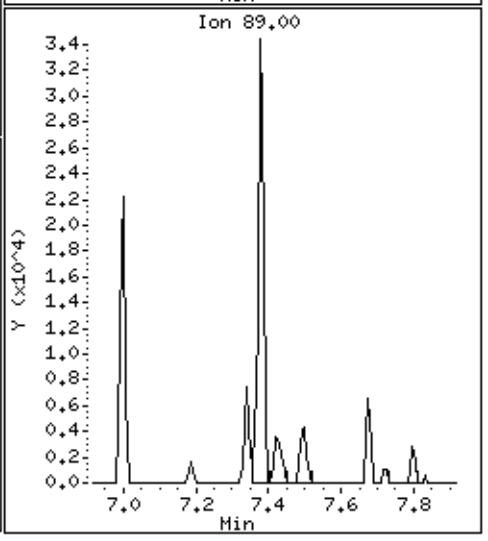


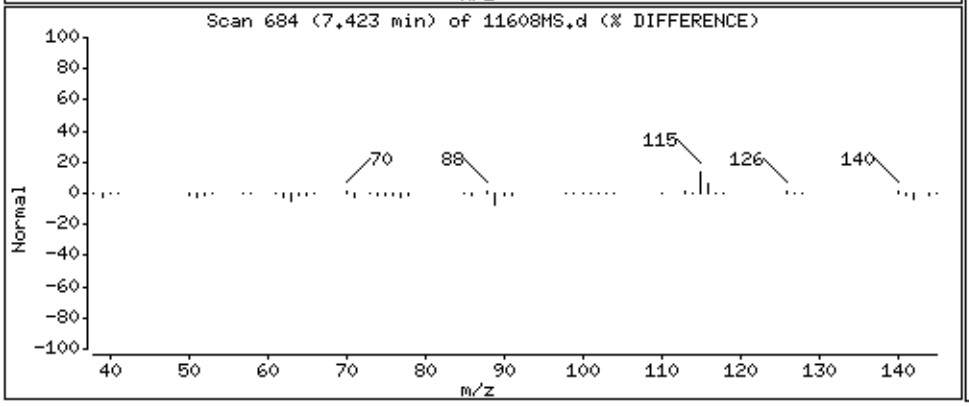












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

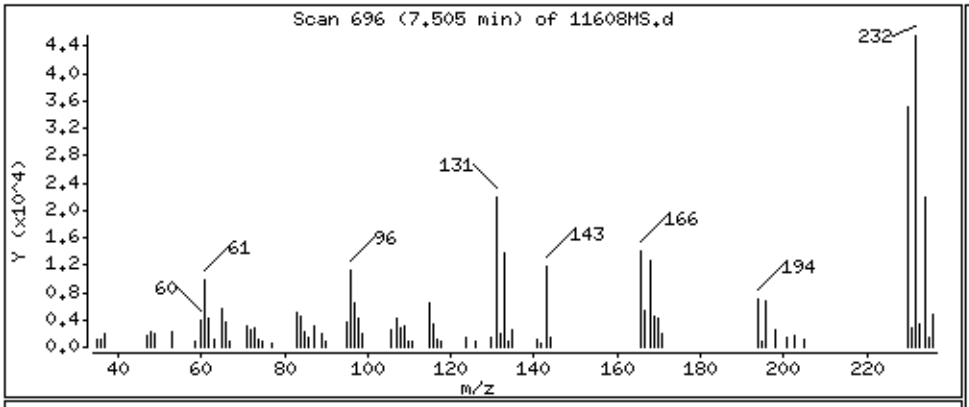
Operator: MJ

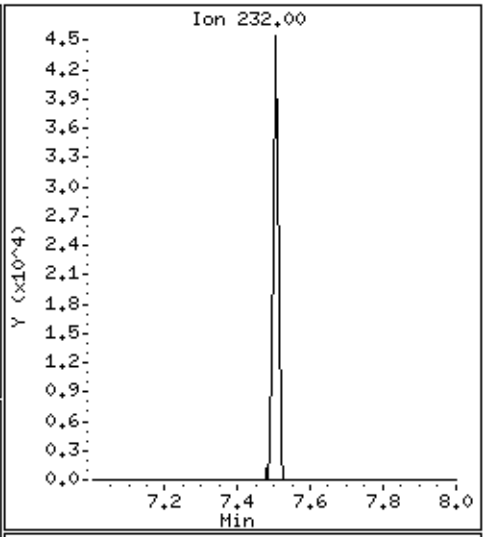
Column phase: HPMS-5

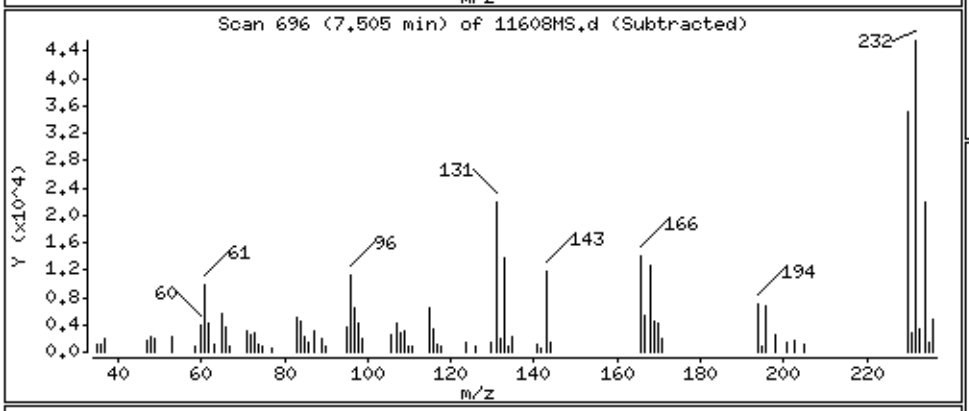
Column diameter: 0.25

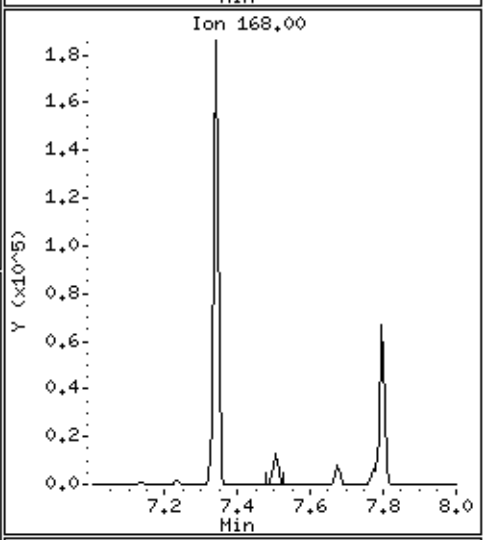
78 2,3,4,6-Tetrachlorophenol

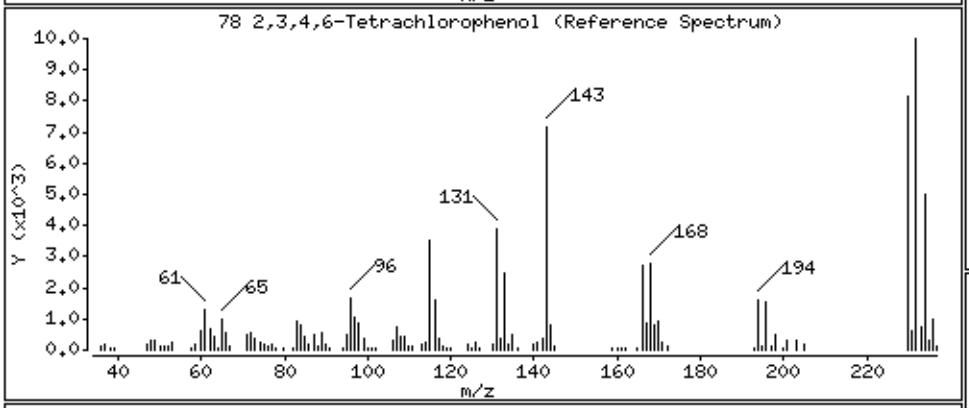
Concentration: 2000 ug/kg

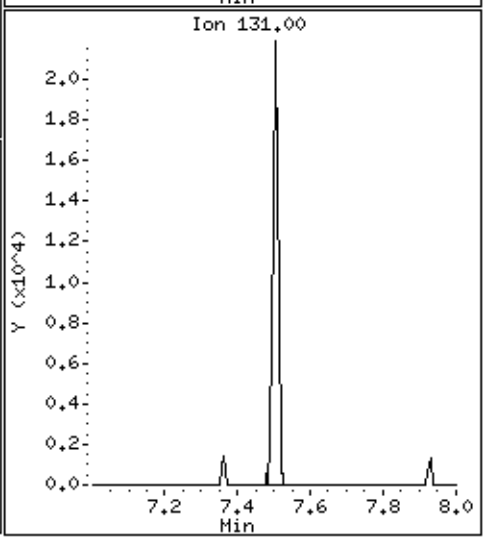


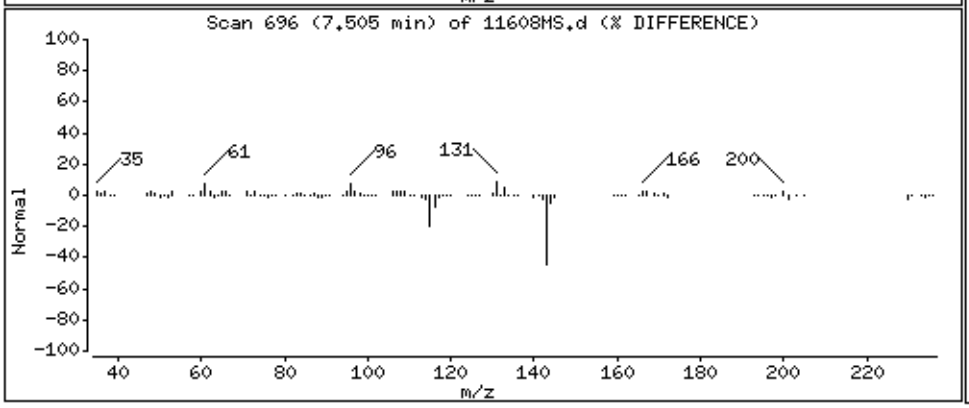












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

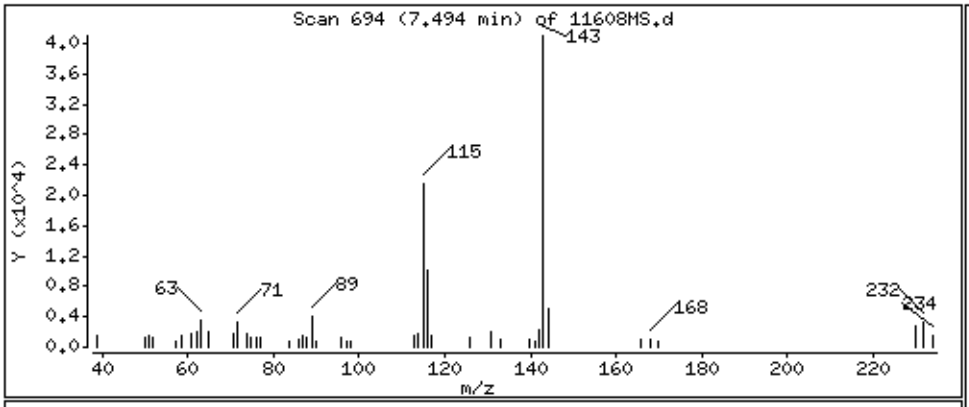
Operator: MJ

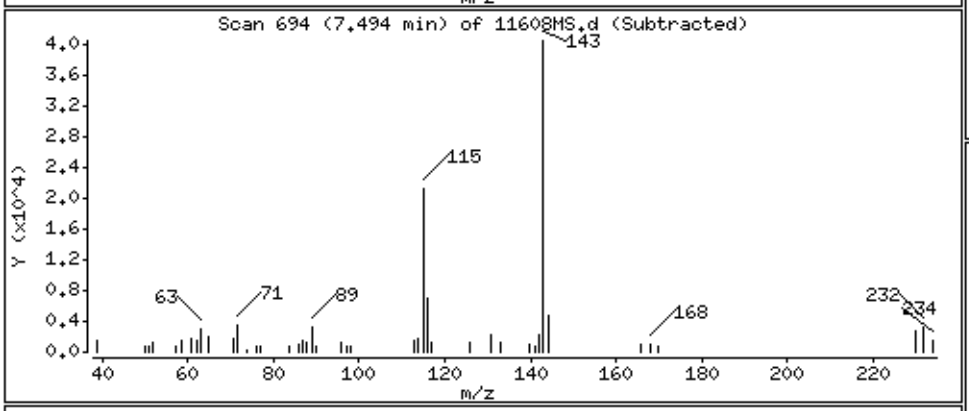
Column phase: HPMS-5

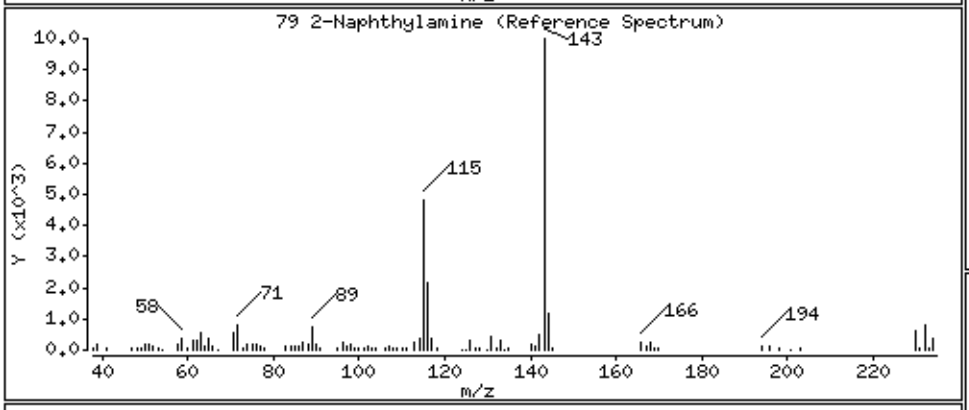
Column diameter: 0.25

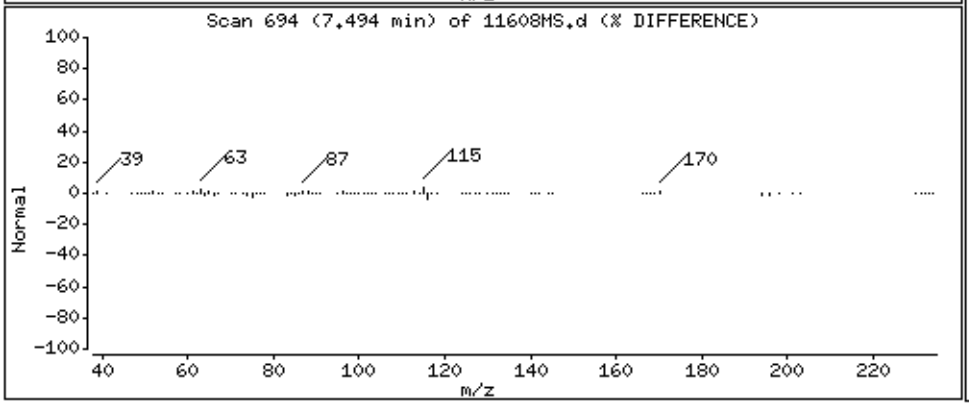
79 2-Naphthylamine

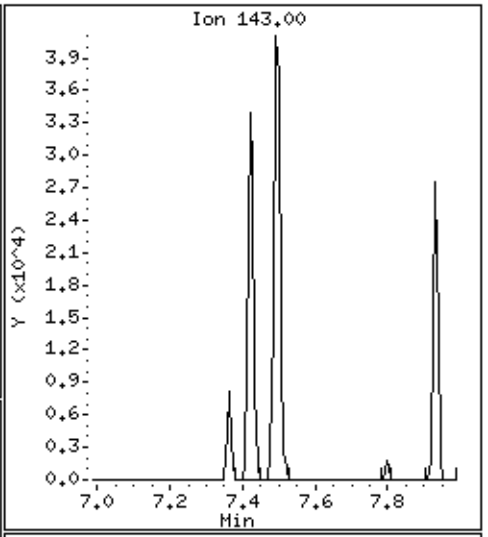
Concentration: 640 ug/kg

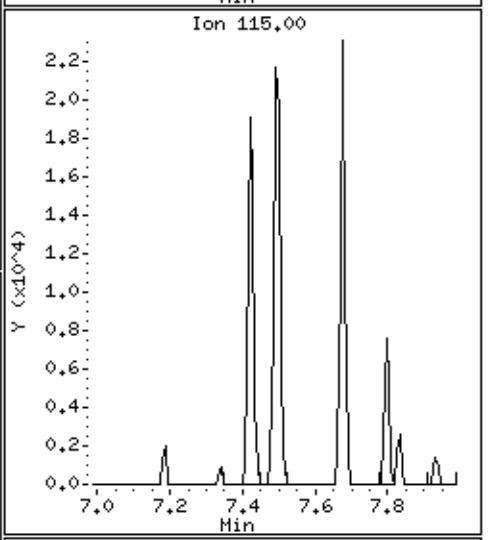


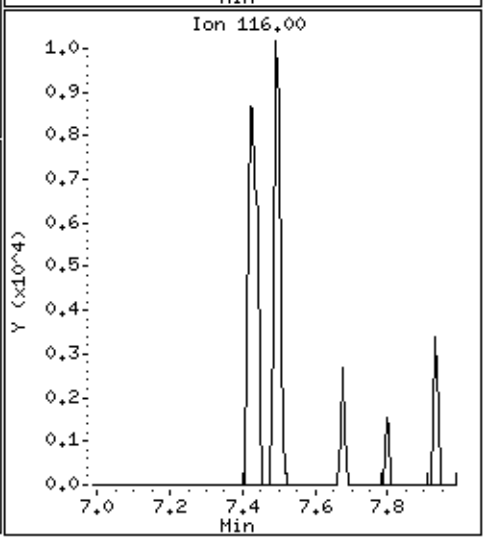












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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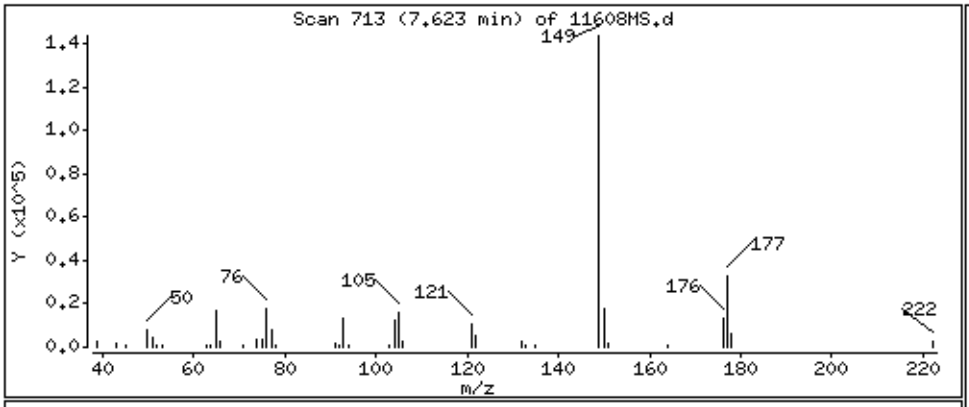
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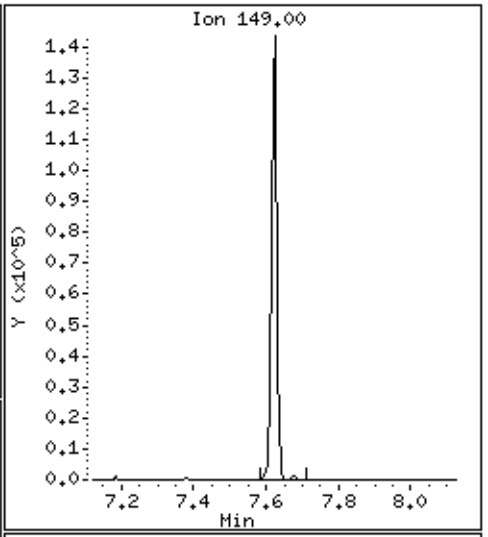
Column phase: HPMS-5

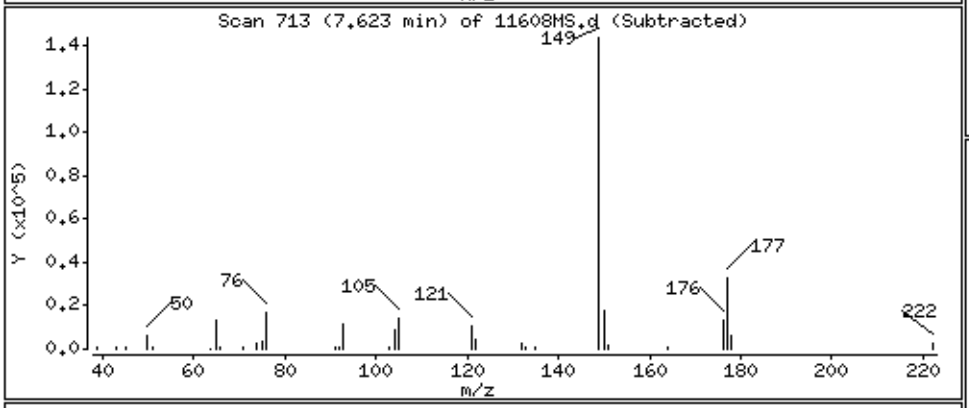
Column diameter: 0.25

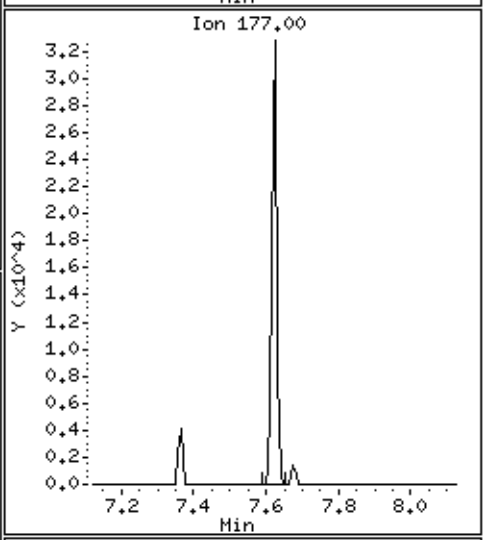
80 Diethylphthalate

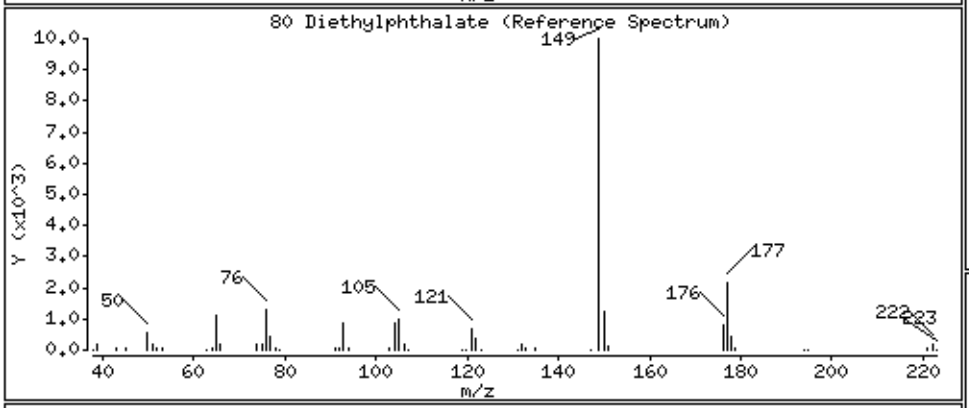
Concentration: 1820 ug/kg

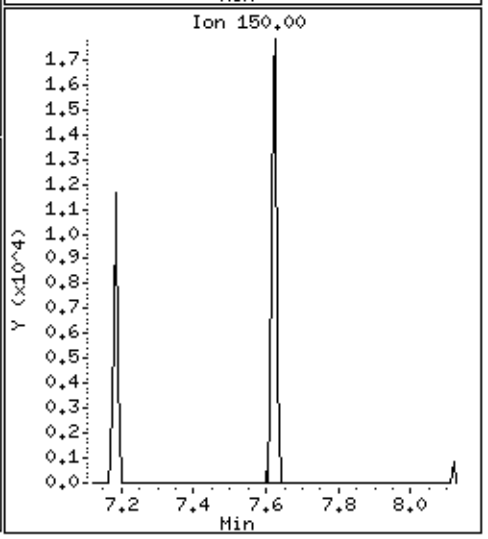


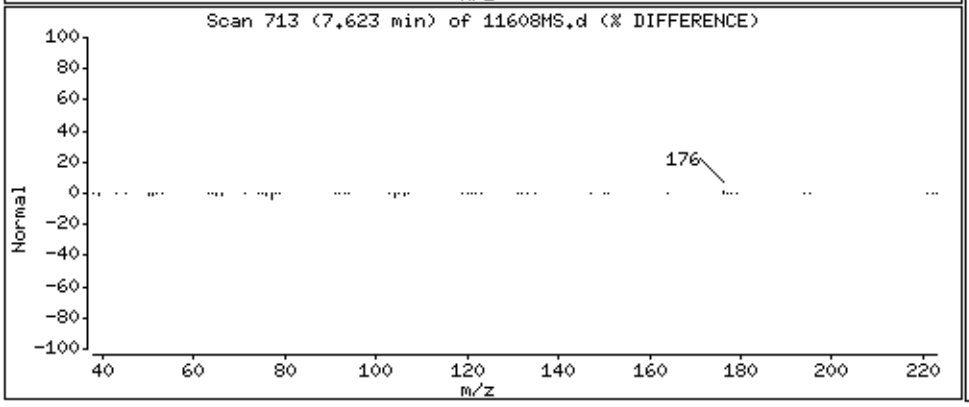












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

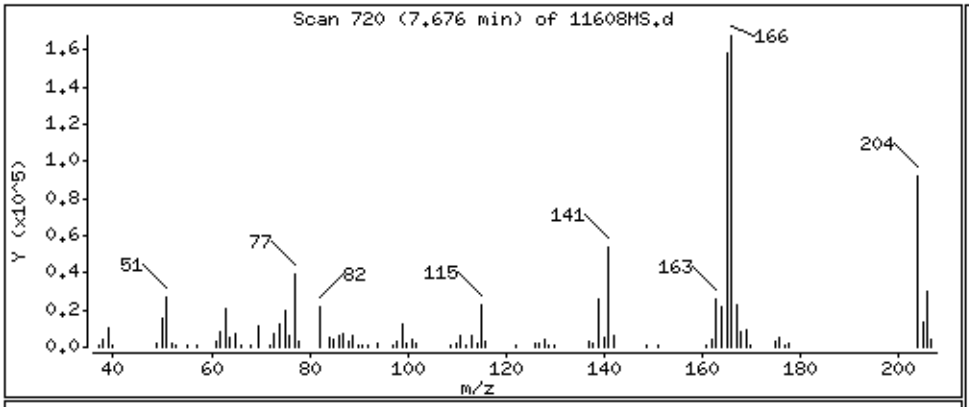
Operator: MJ

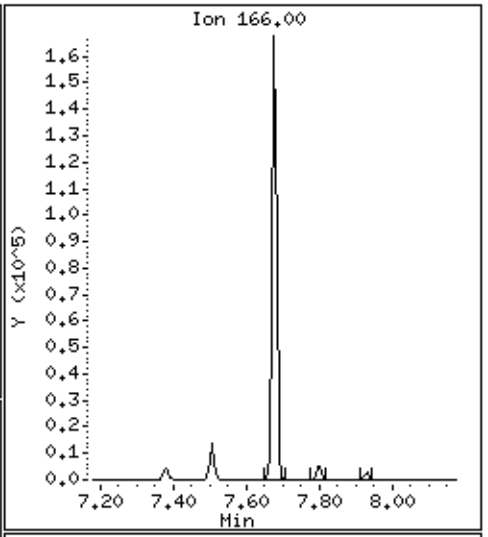
Column phase: HPMS-5

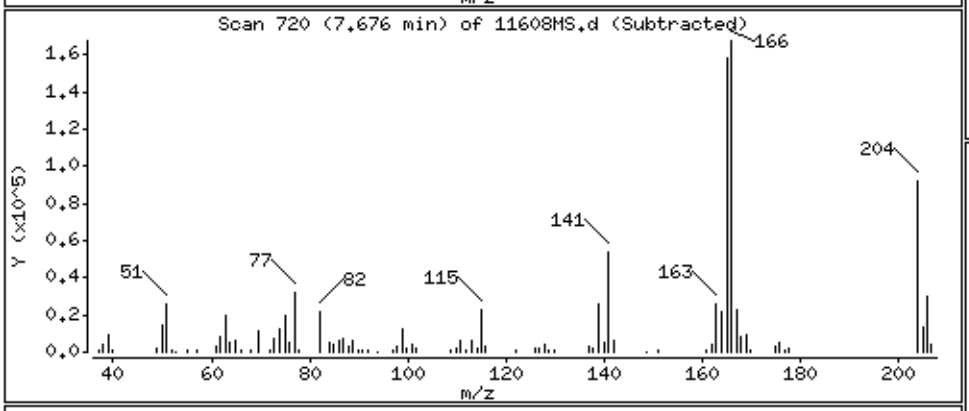
Column diameter: 0.25

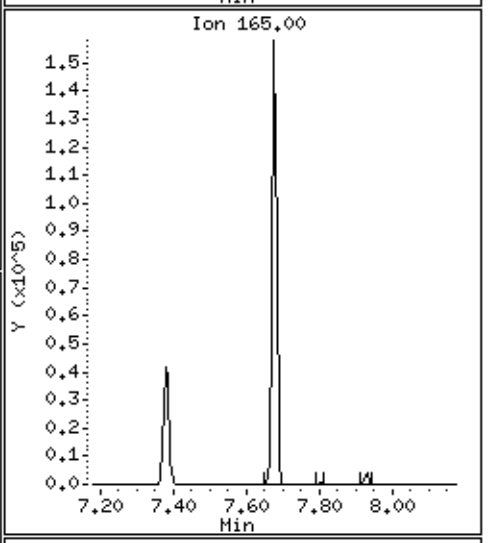
81 Fluorene

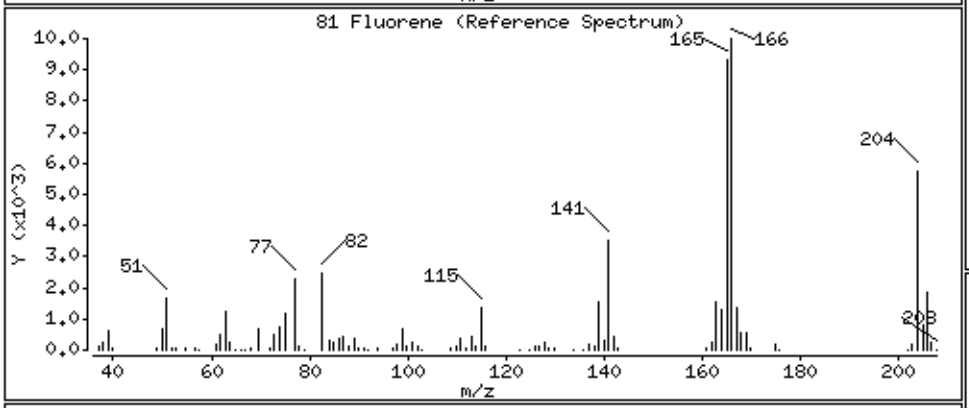
Concentration: 1700 ug/kg

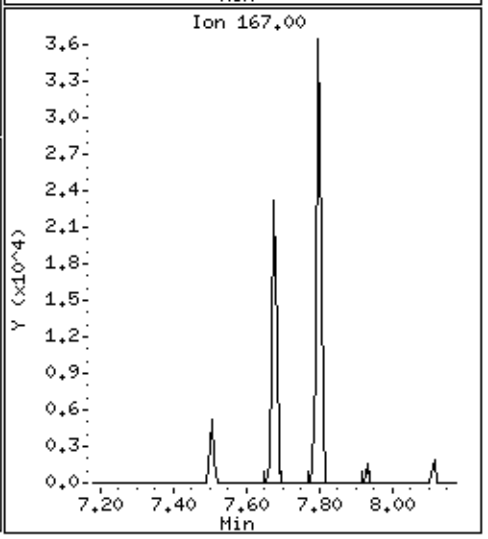


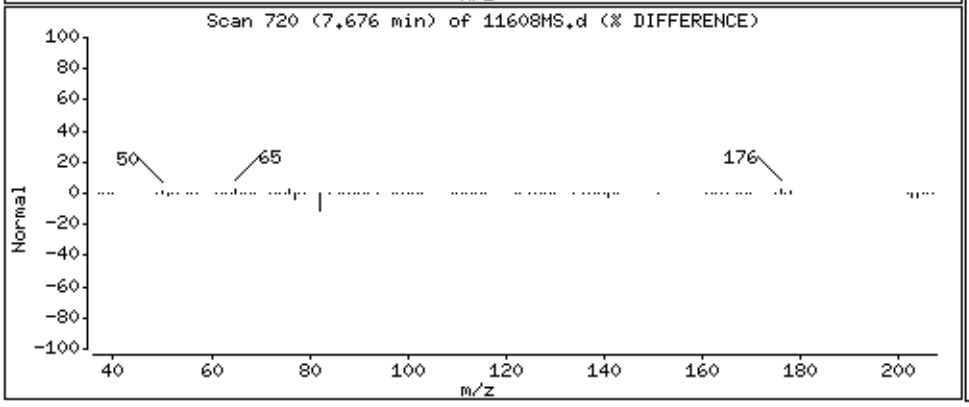












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

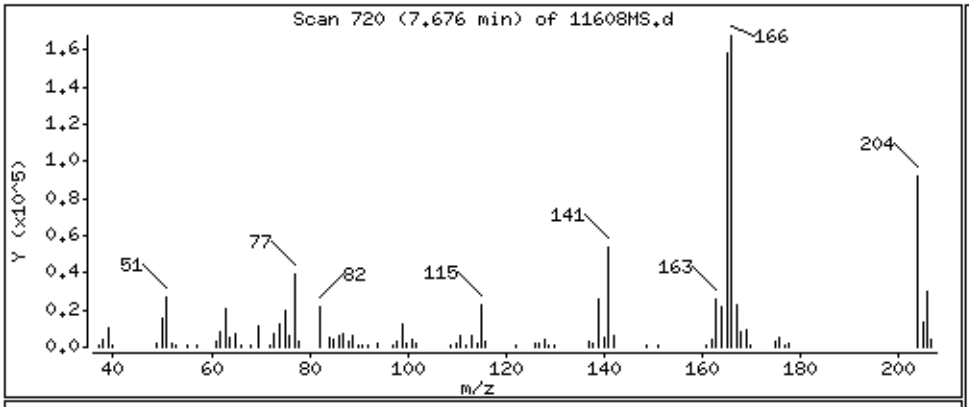
Operator: MJ

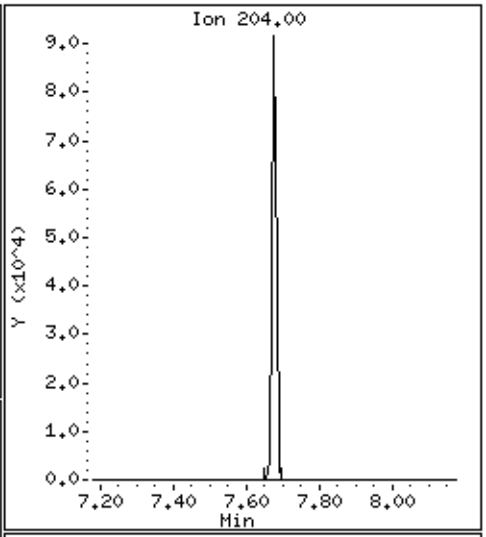
Column phase: HPMS-5

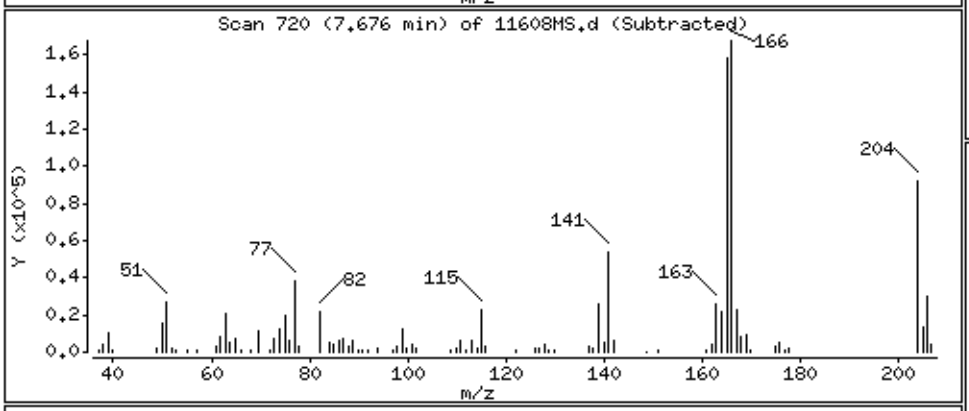
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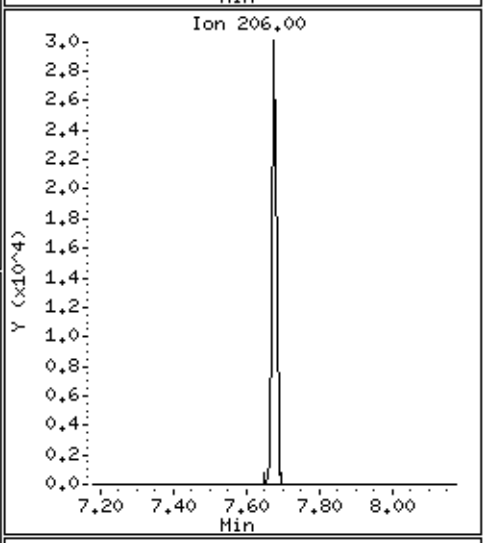
82 4-Chlorophenyl-phenylether

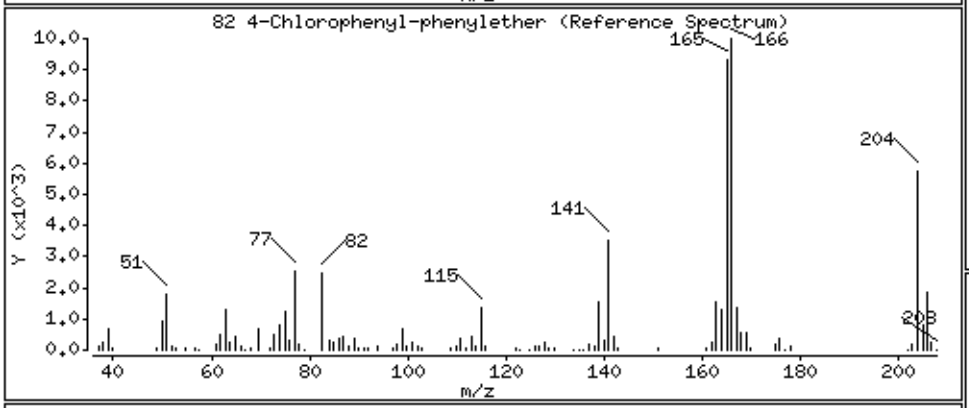
Concentration: 1710 ug/kg

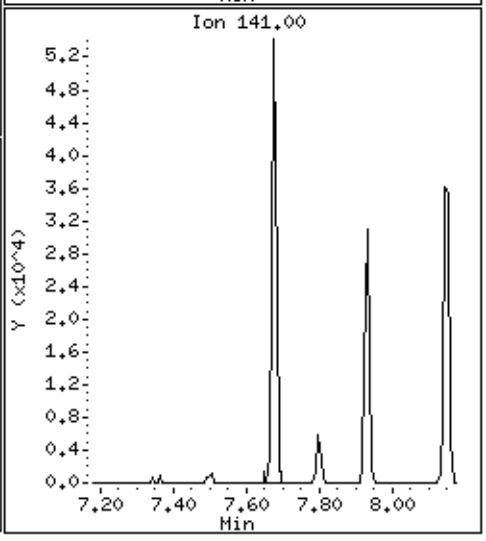


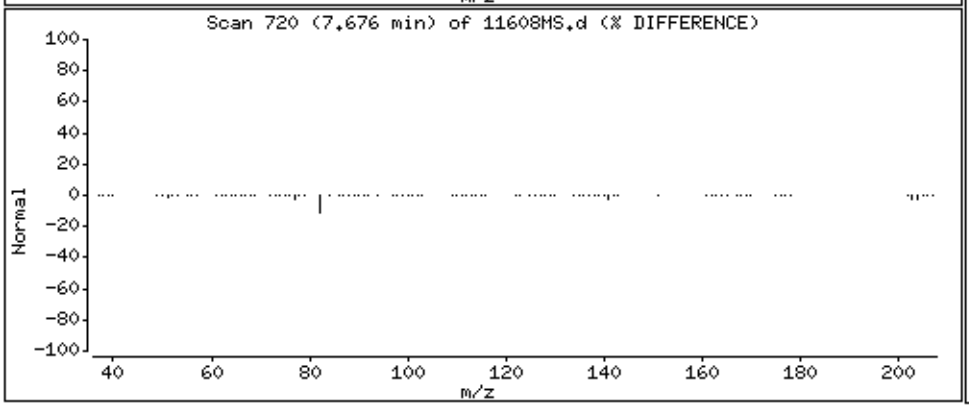












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

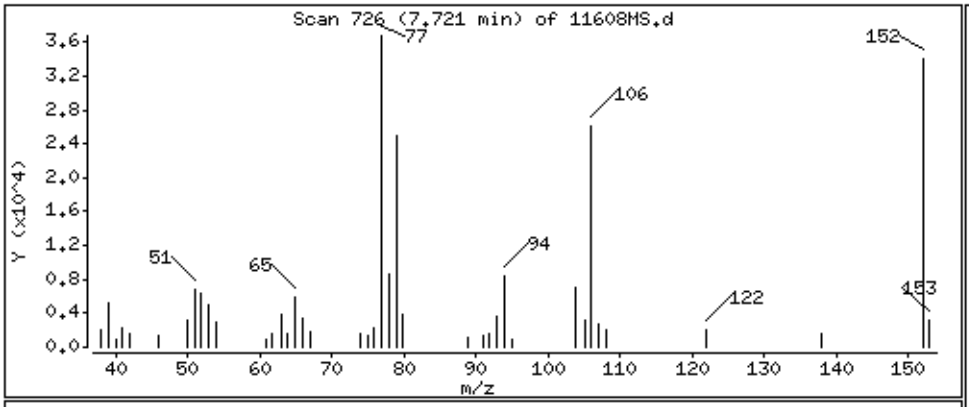
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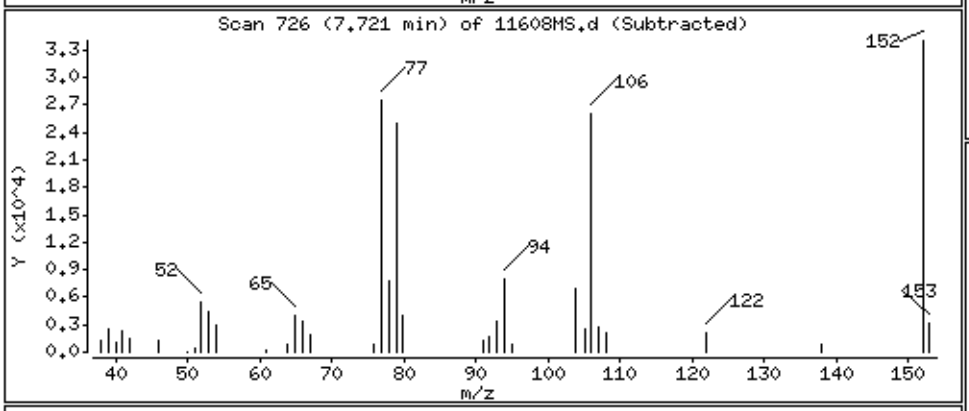
Column phase: HPMS-5

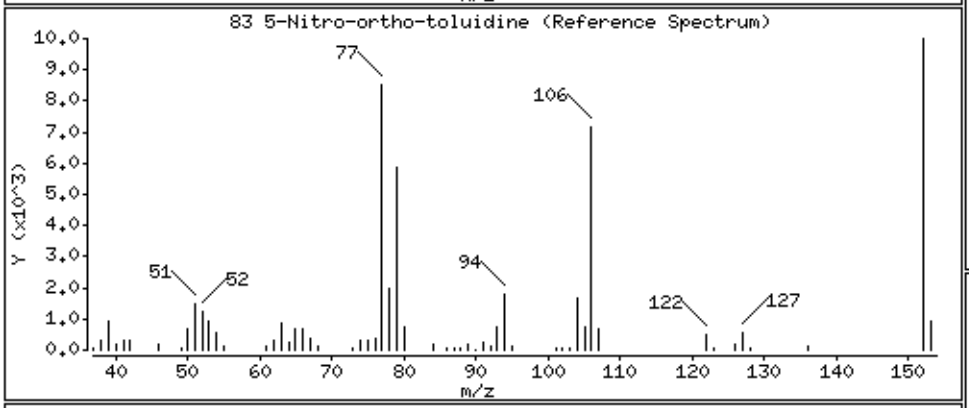
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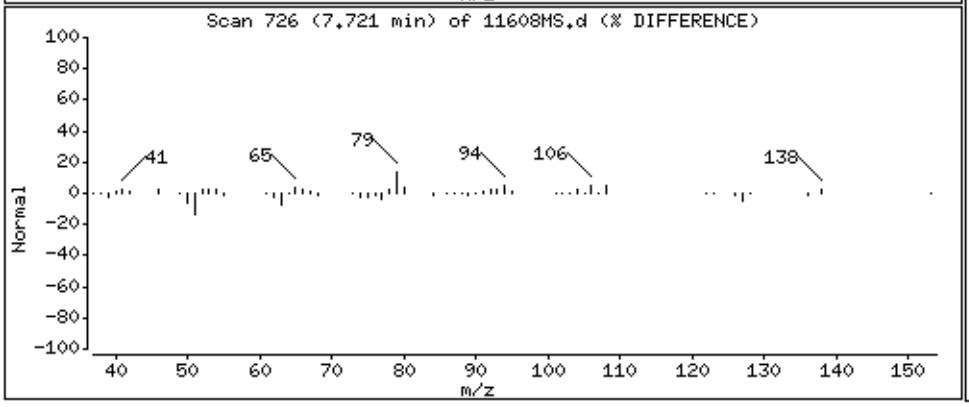
83 5-Nitro-ortho-toluidine

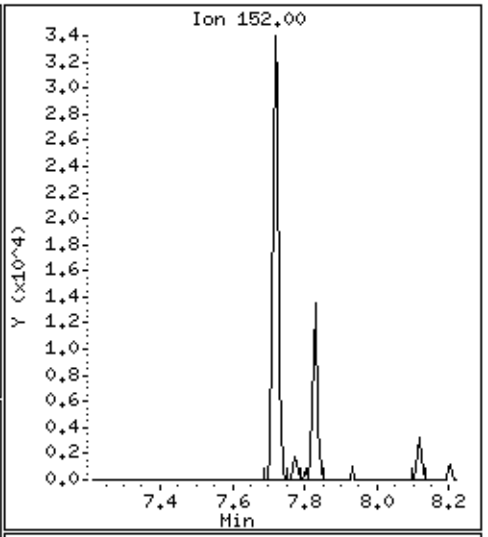
Concentration: 1690 ug/kg

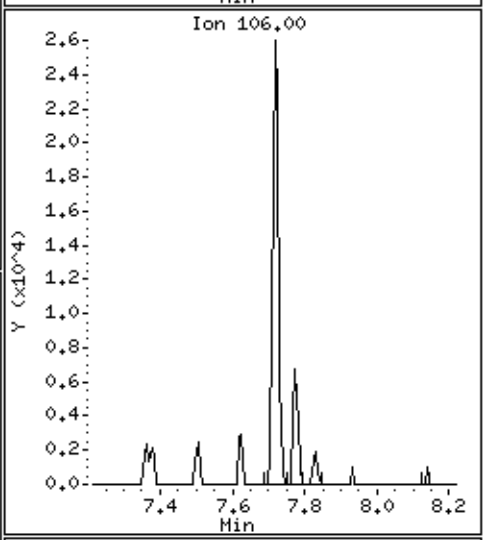


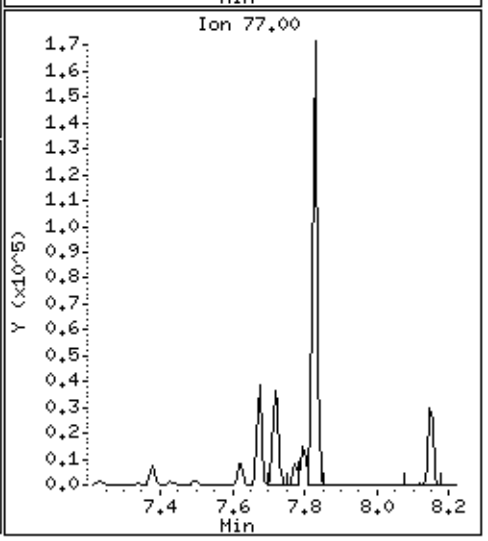












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

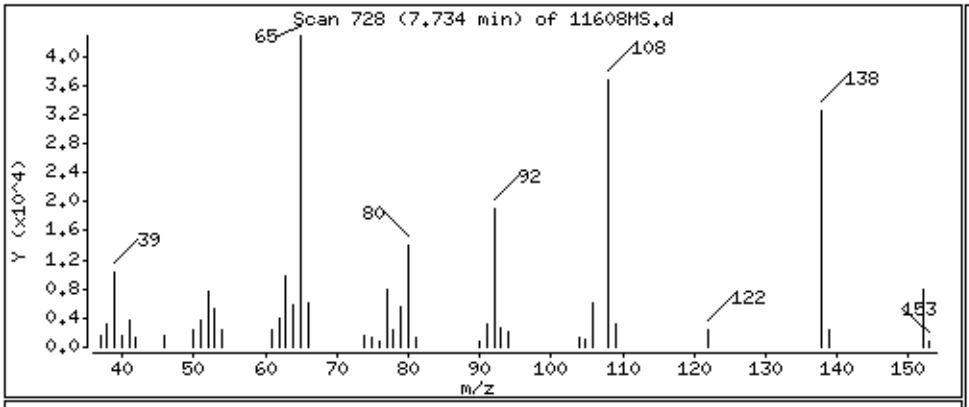
Operator: MJ

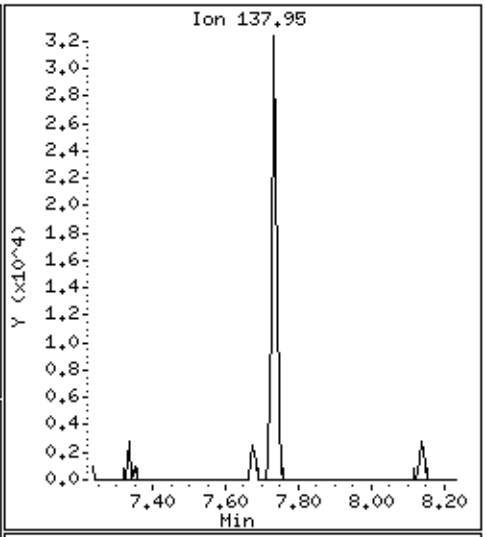
Column phase: HPMS-5

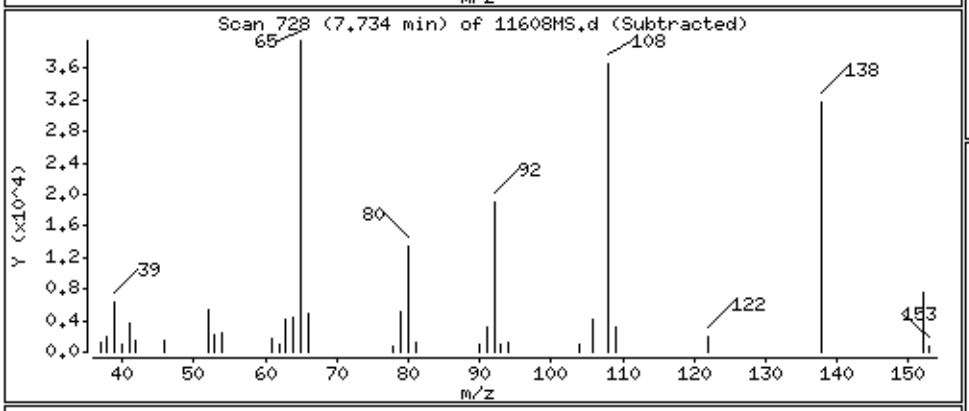
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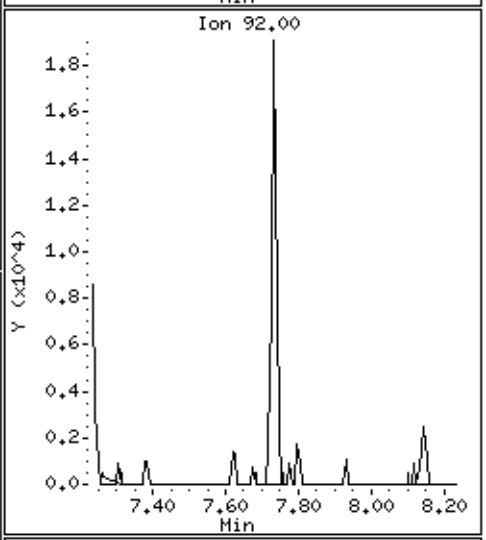
84 4-Nitroaniline

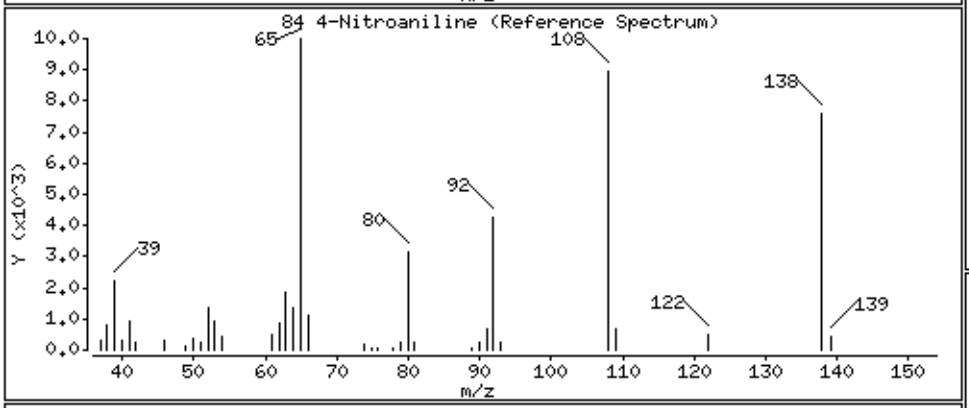
Concentration: 1950 ug/kg

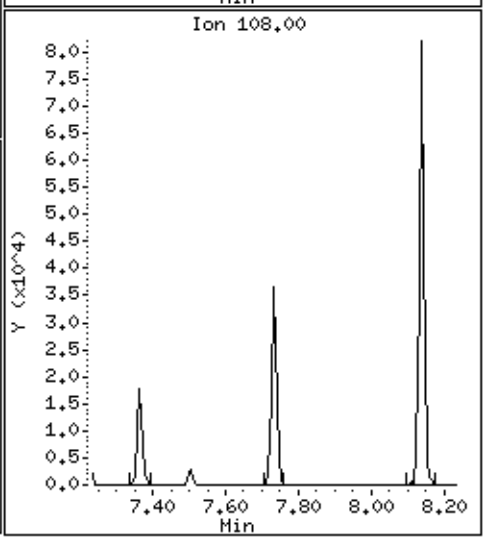


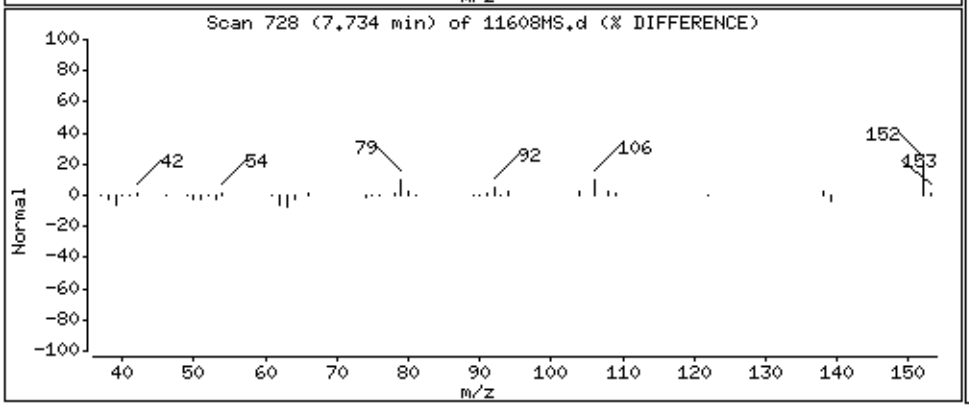












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

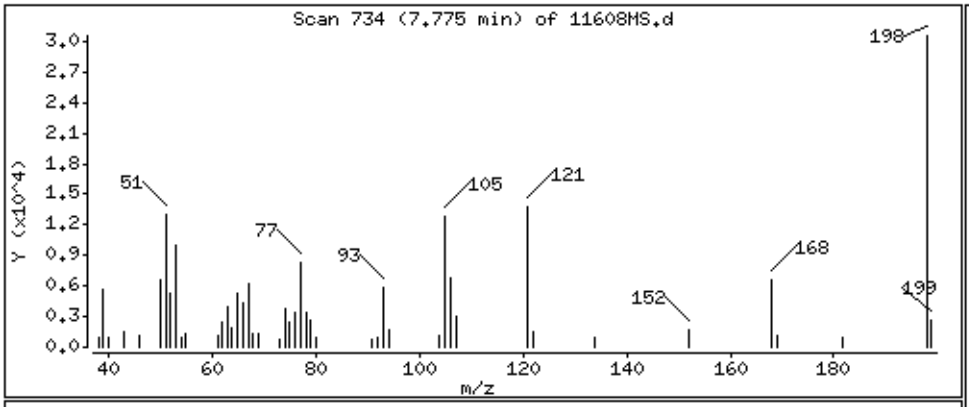
Operator: MJ

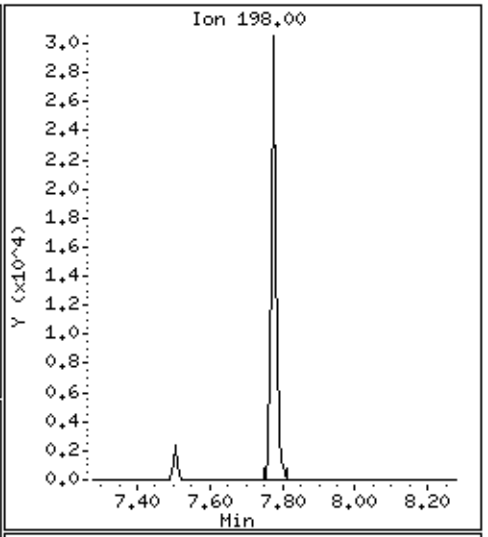
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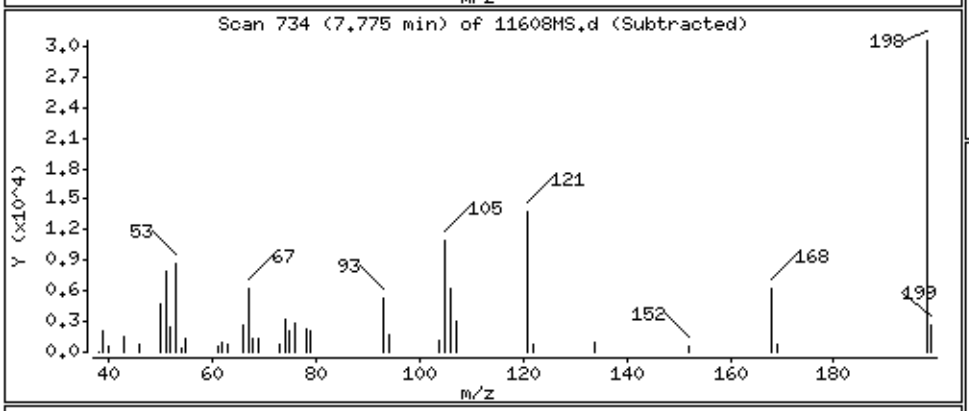
Column diameter: 0.25

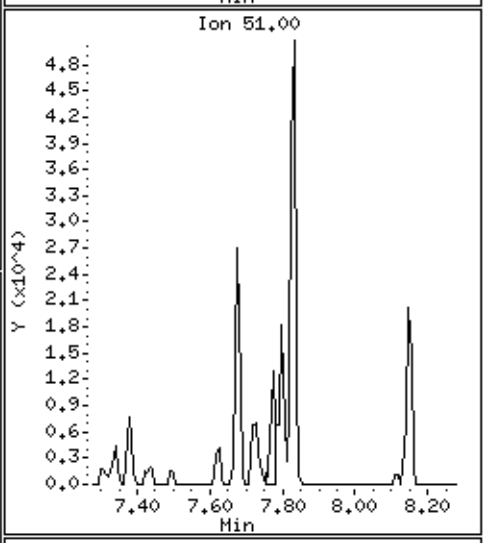
85 4,6-Dinitro-2-methylphenol

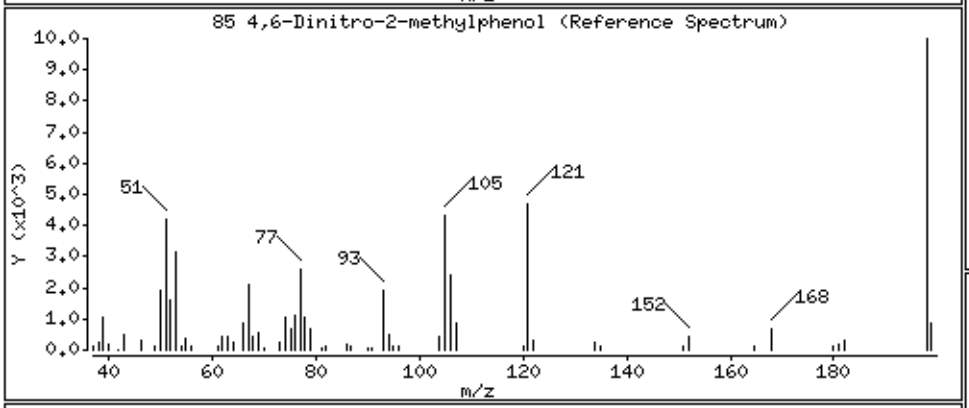
Concentration: 1760 ug/kg

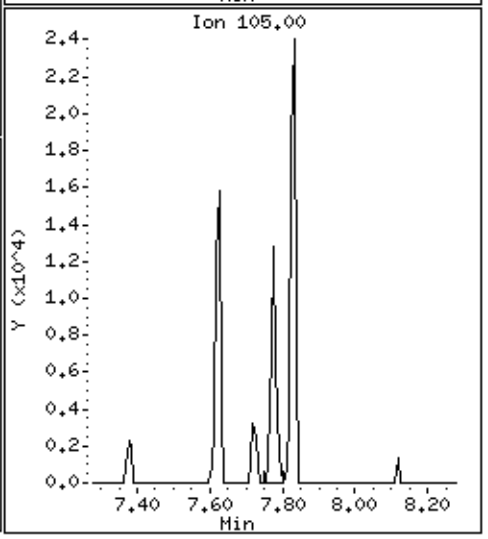


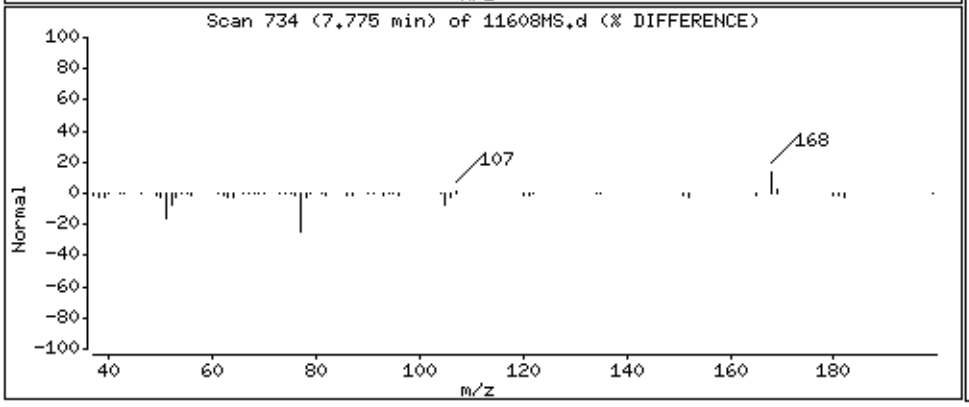












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Date : 29-NOV-2012 15:51

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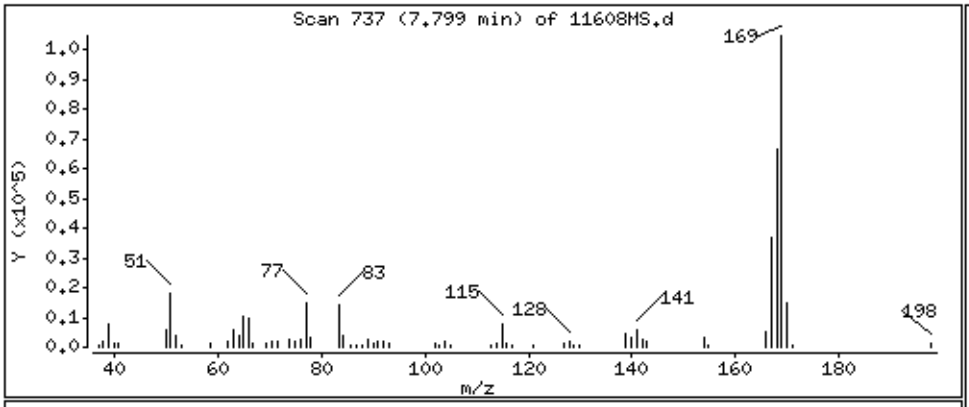
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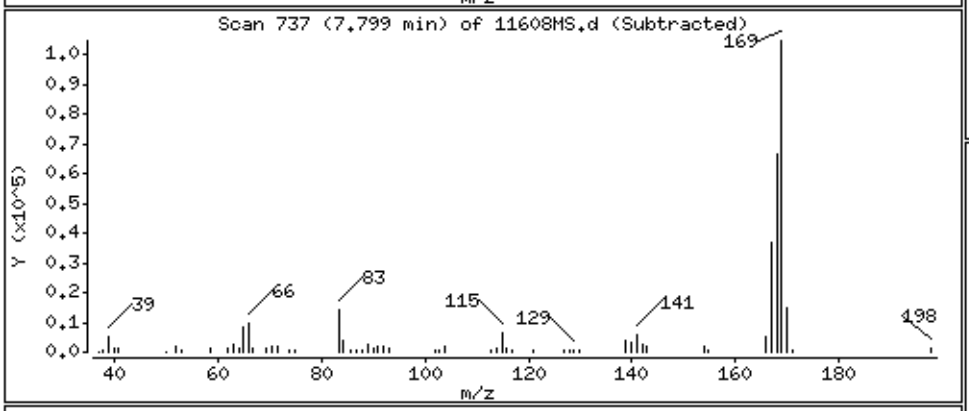
Column phase: HPMS-5

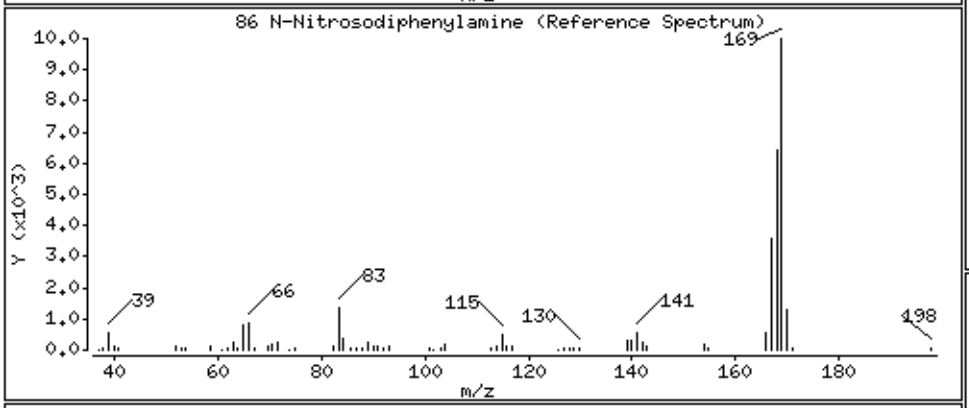
Column diameter: 0.25

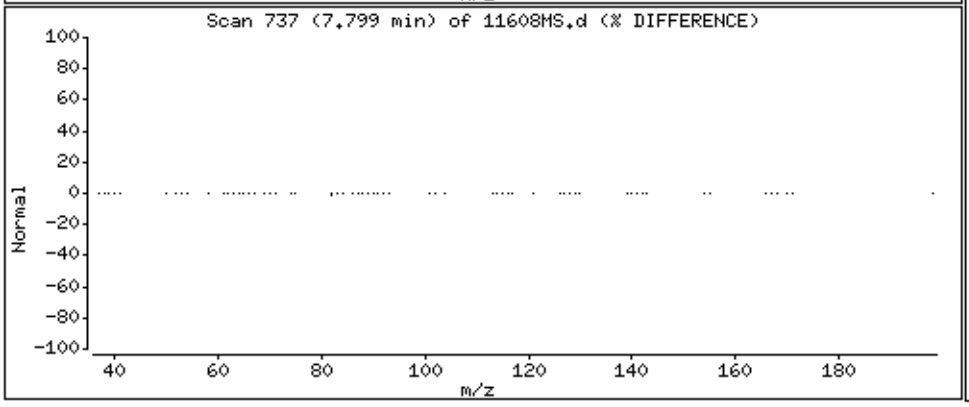
86 N-Nitrosodiphenylamine

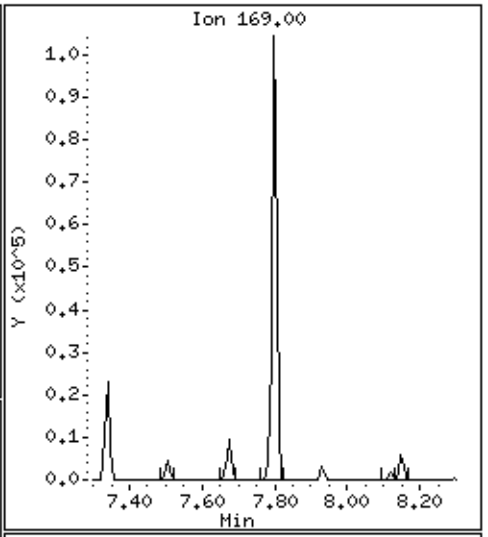
Concentration: 1810 ug/kg

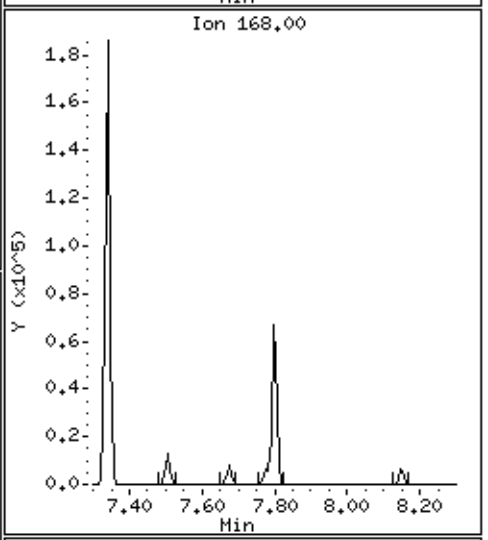


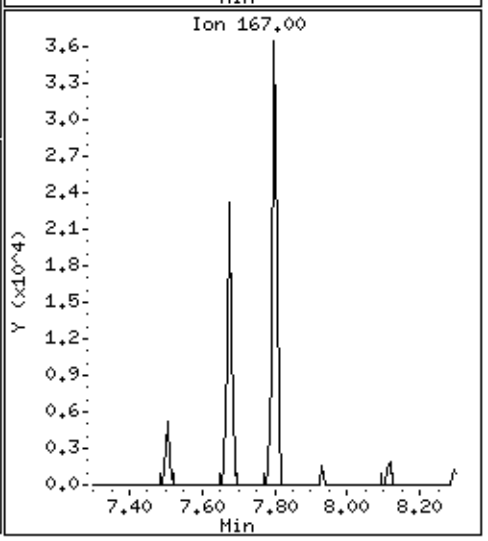












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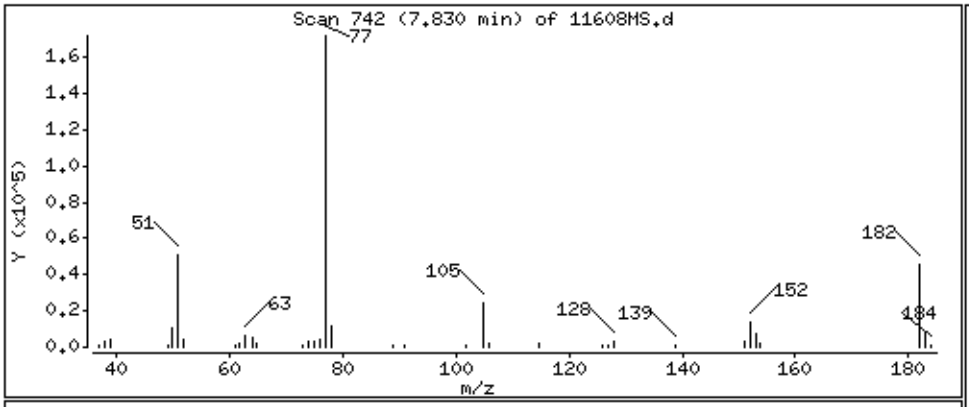
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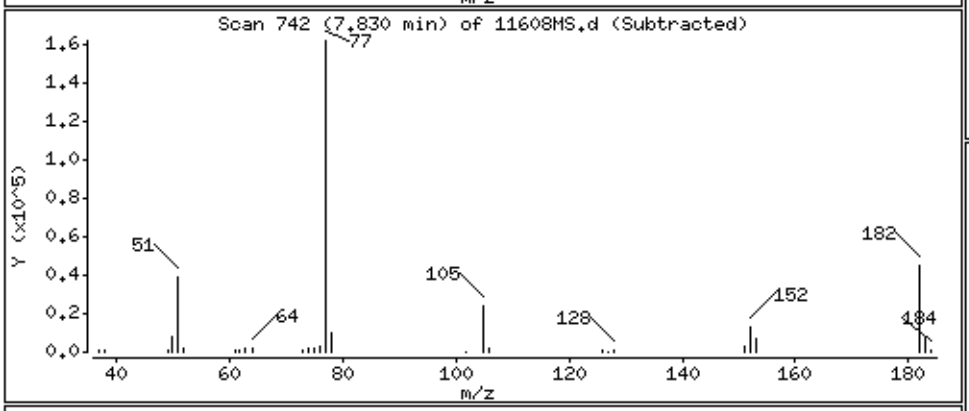
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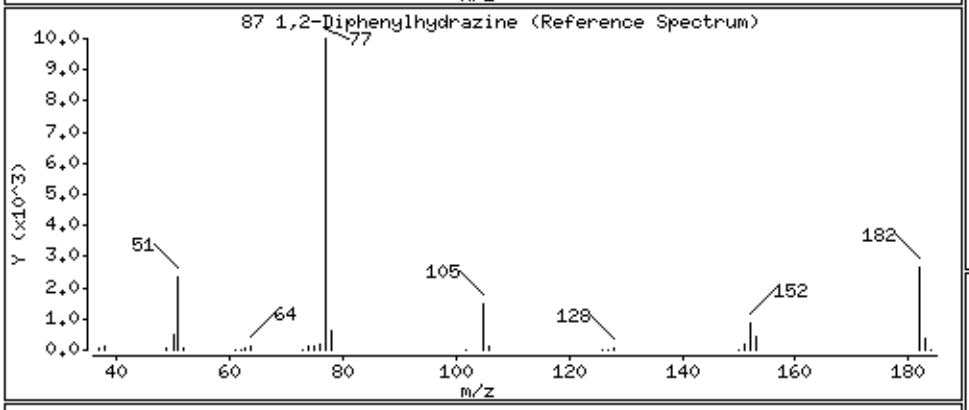
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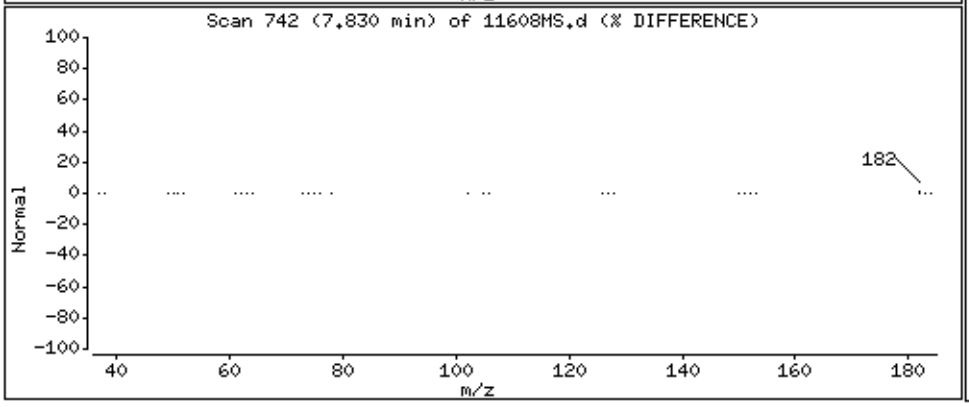
87 1,2-Diphenylhydrazine

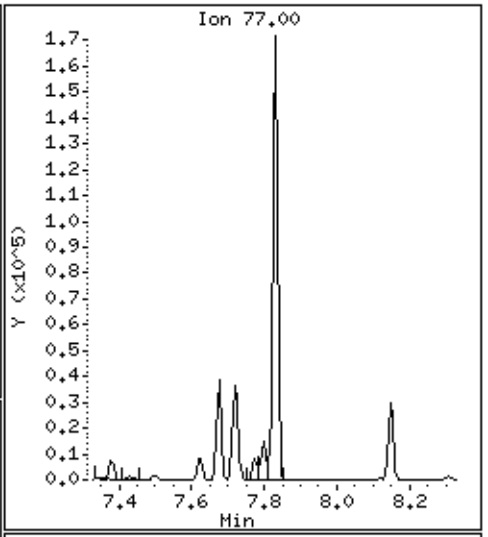
Concentration: 1700 ug/kg

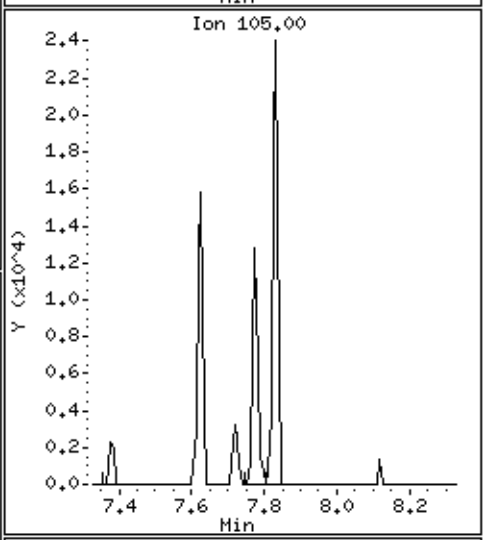


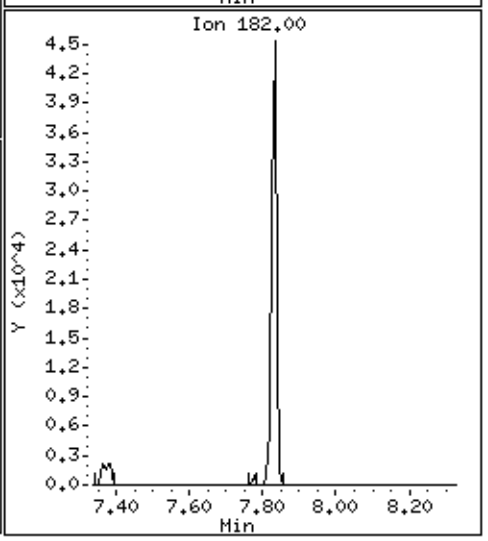












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Instrument: smsd04.i

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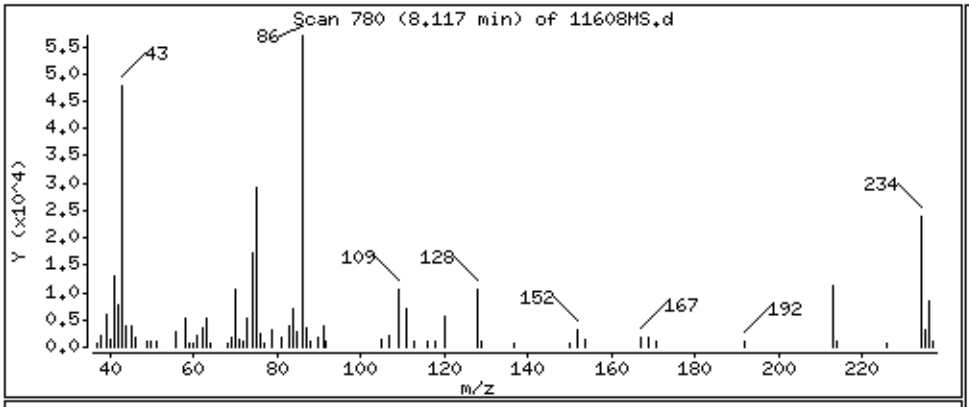
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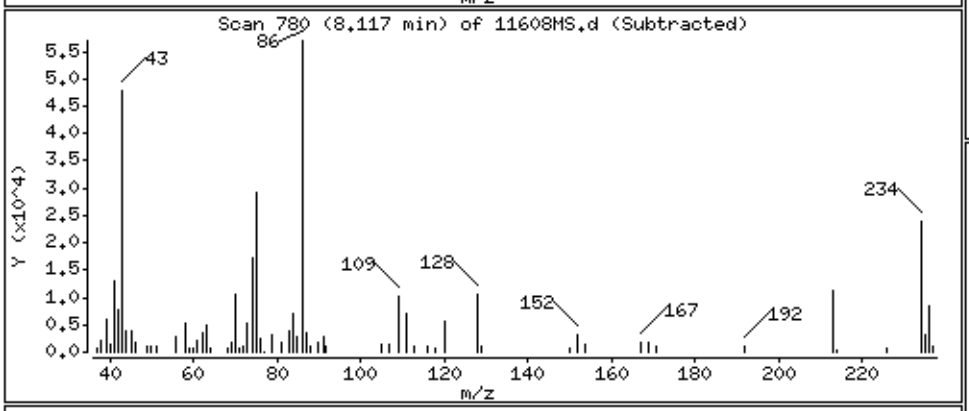
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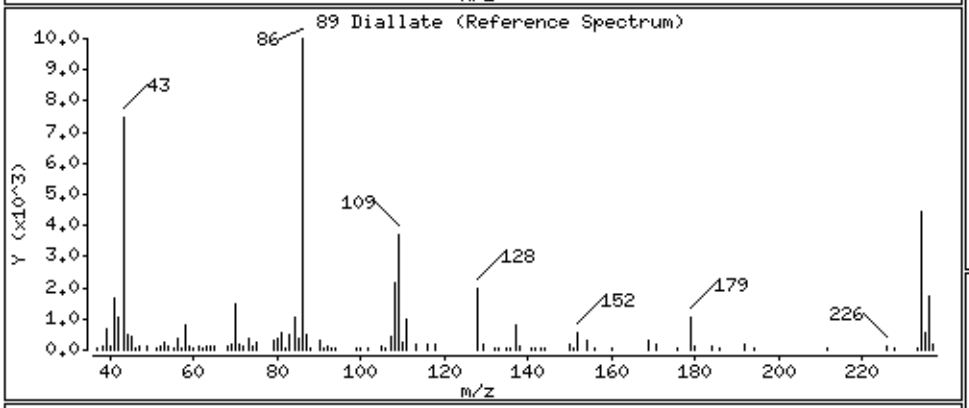
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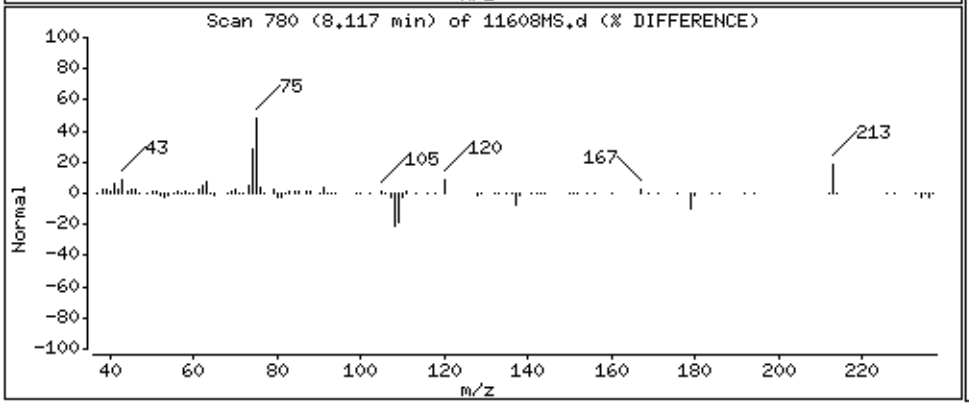
89 Diallate

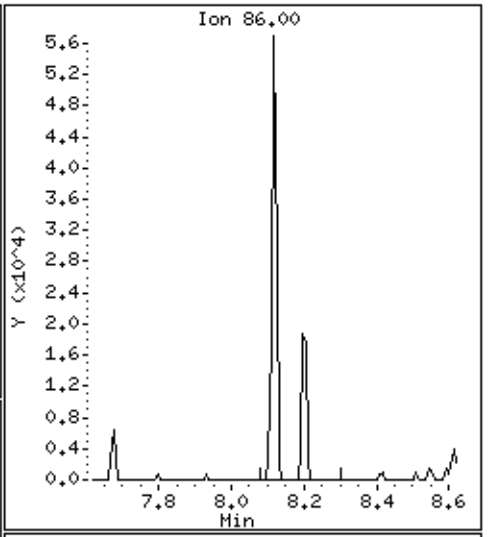
Concentration: 1640 ug/kg

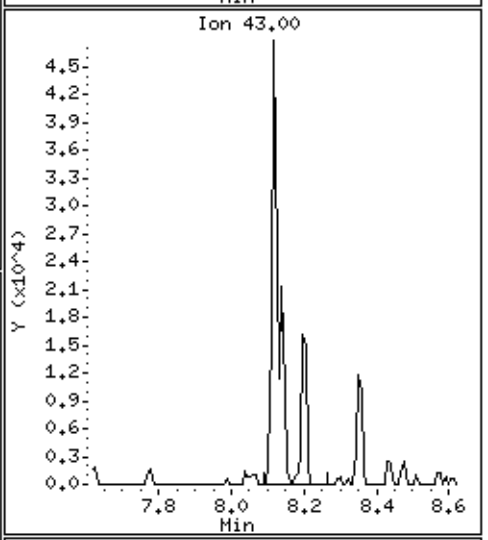


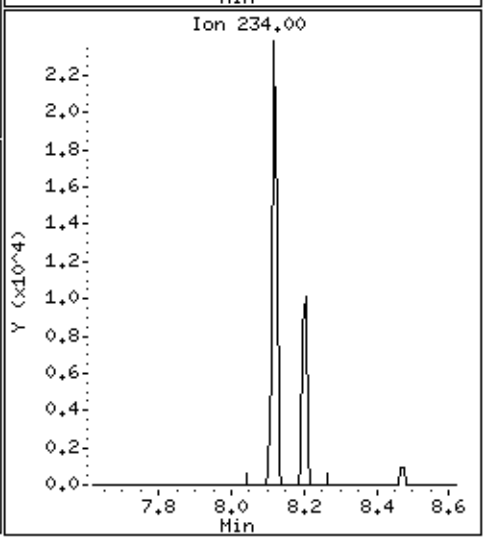












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Instrument: smsd04.i

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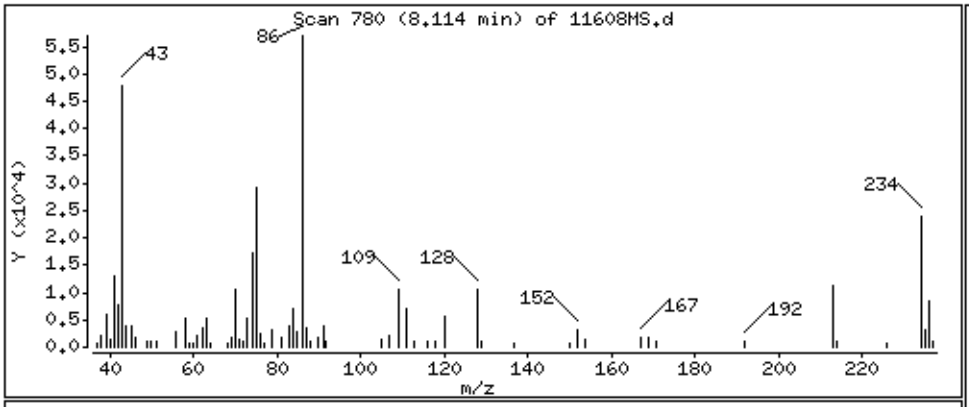
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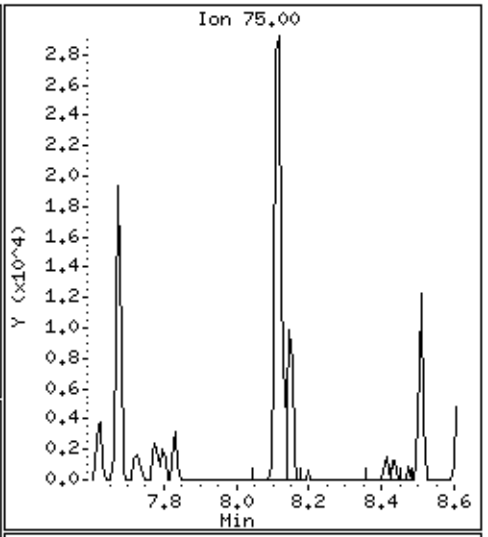
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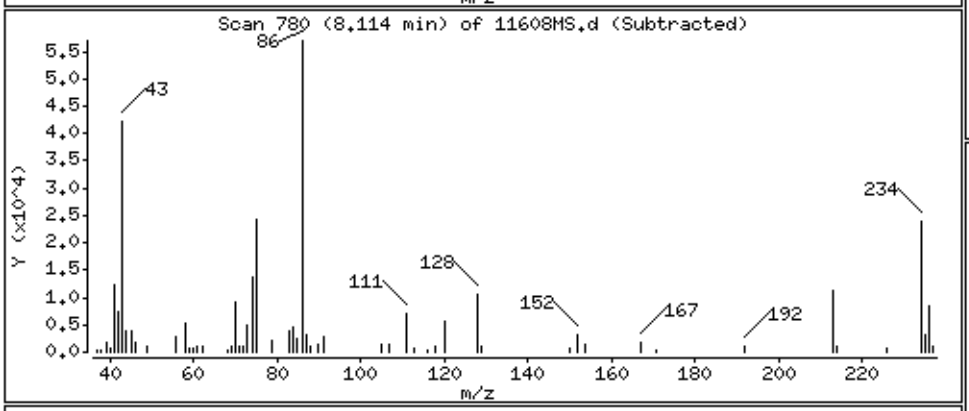
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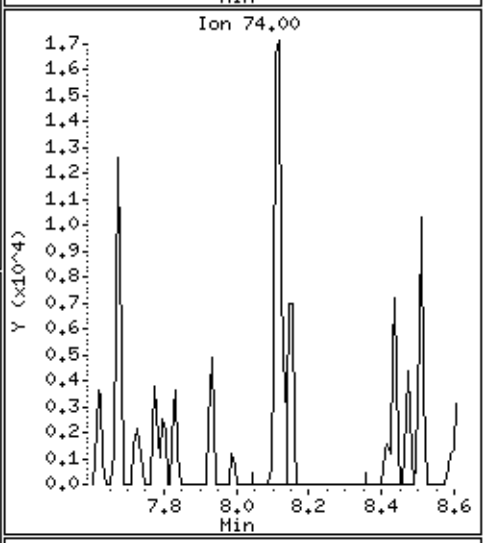
90 1,3,5-Trinitrobenzene

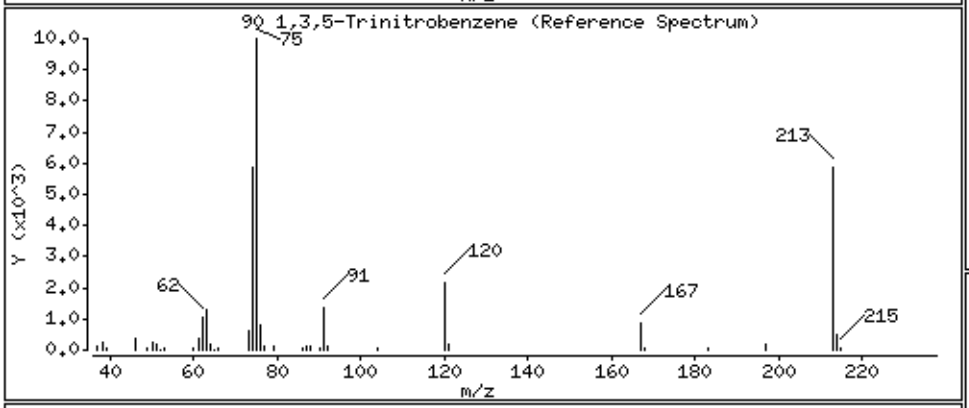
Concentration: 790 ug/kg

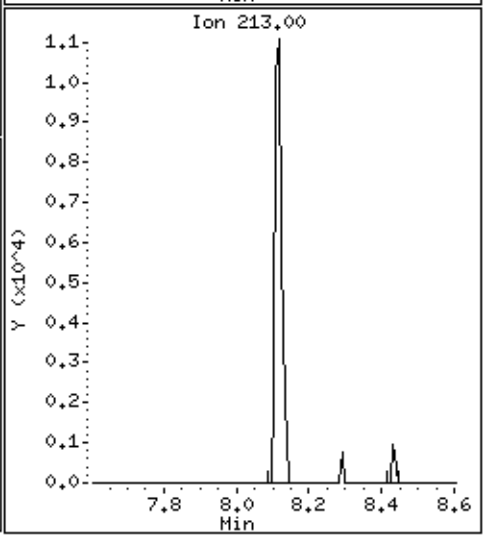


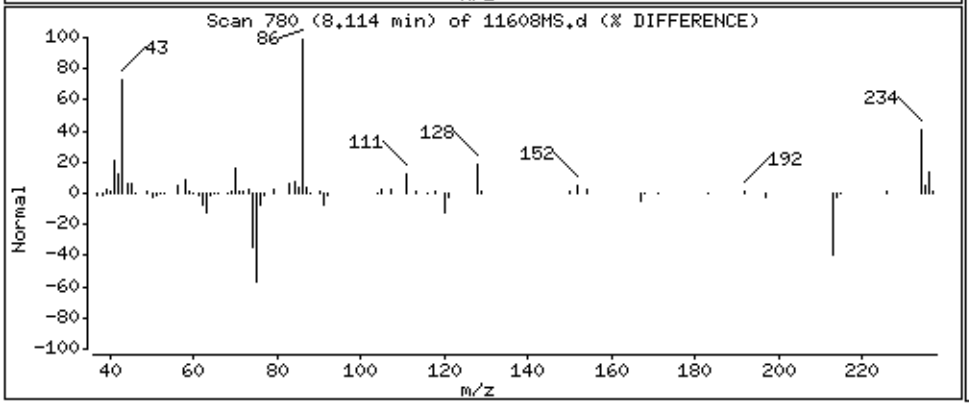












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

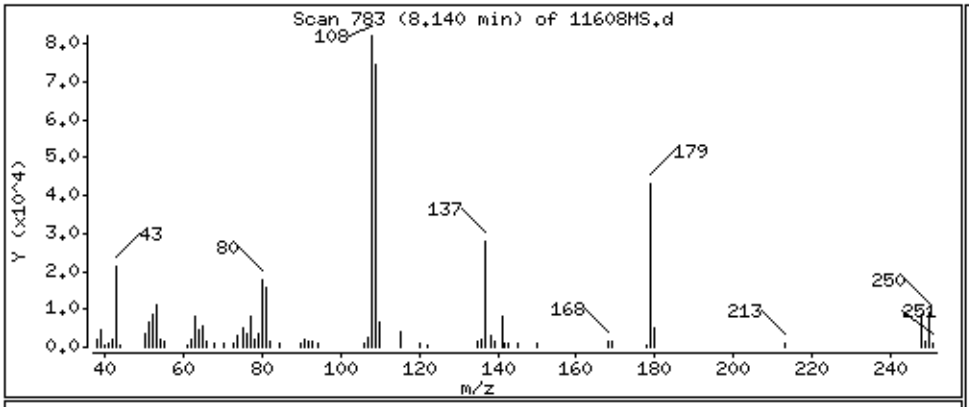
Operator: MJ

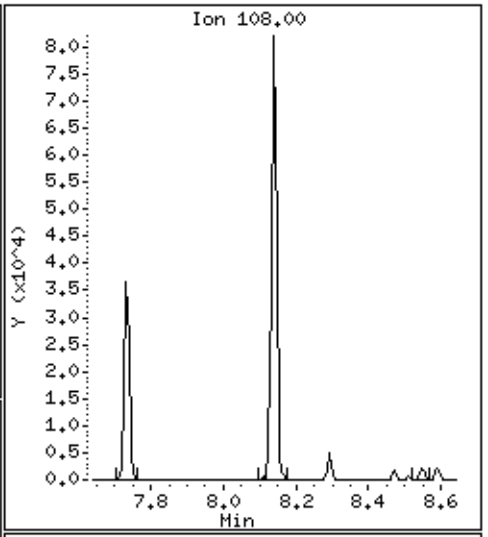
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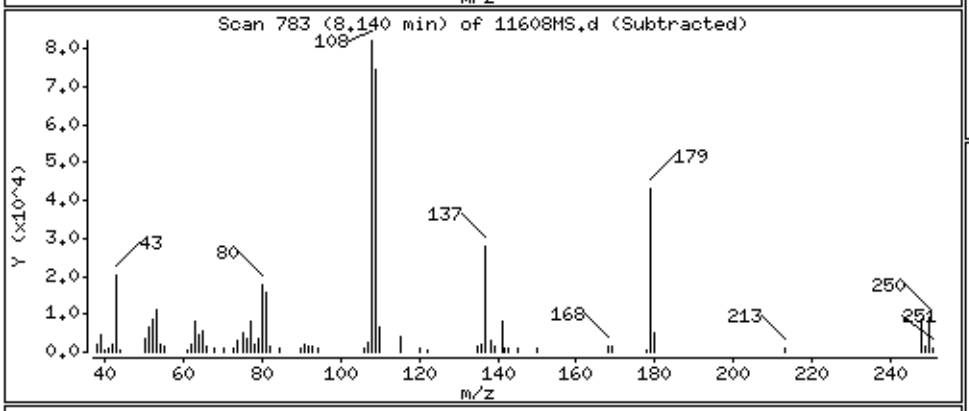
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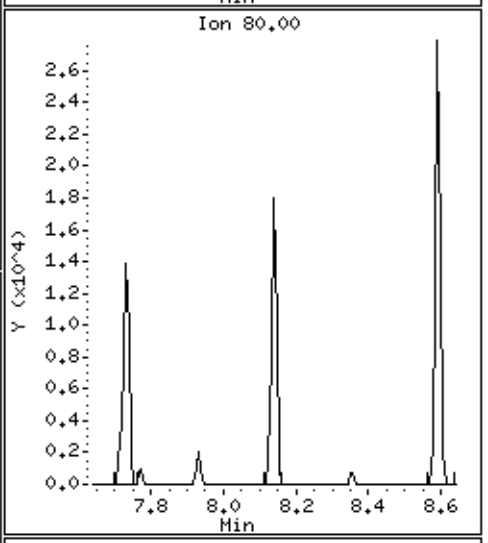
91 p-Phenylenediamine

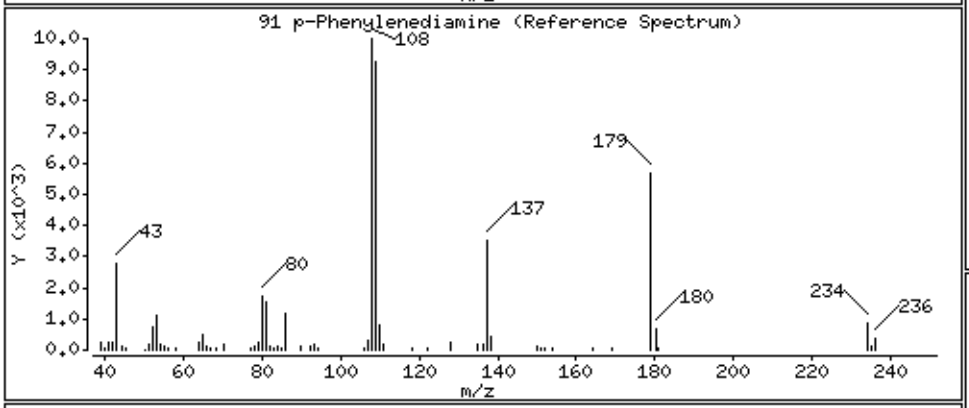
Concentration: 1680 ug/kg

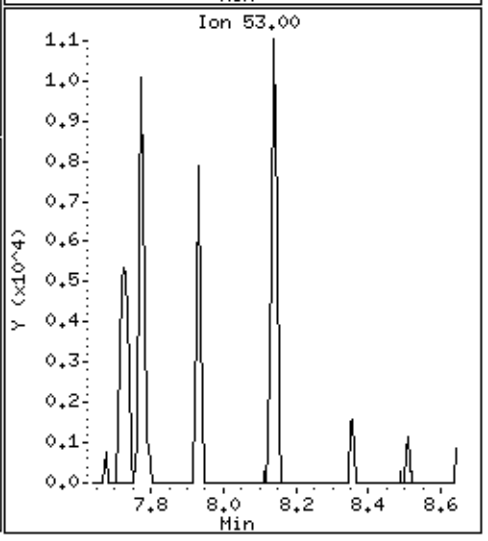


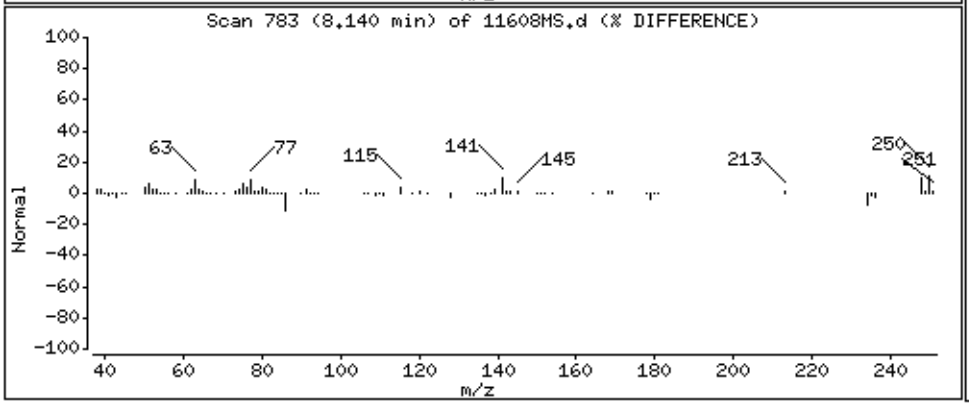












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

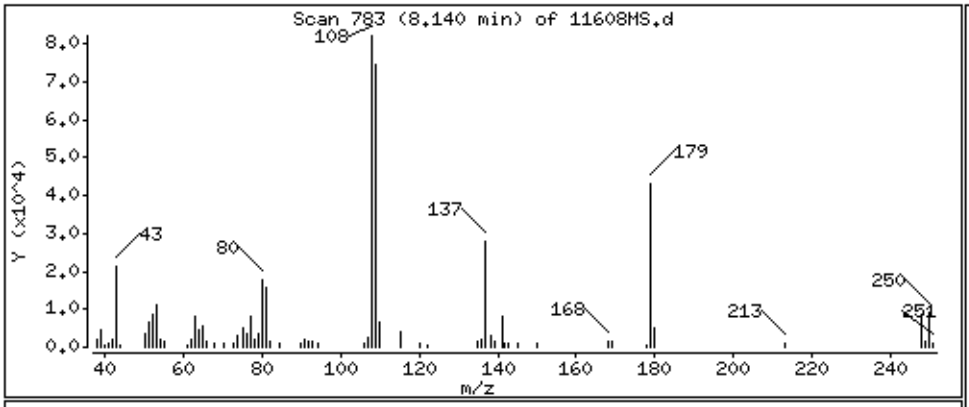
Operator: MJ

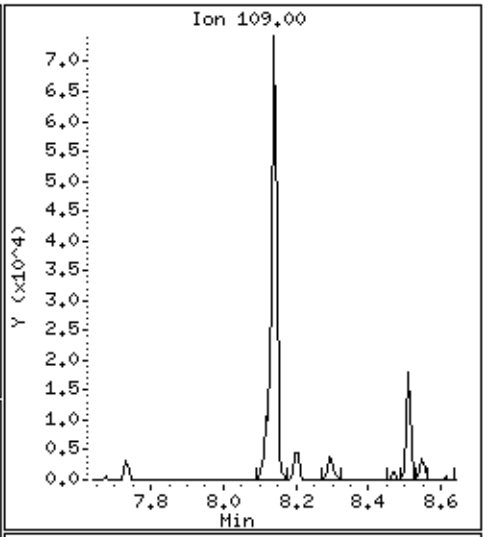
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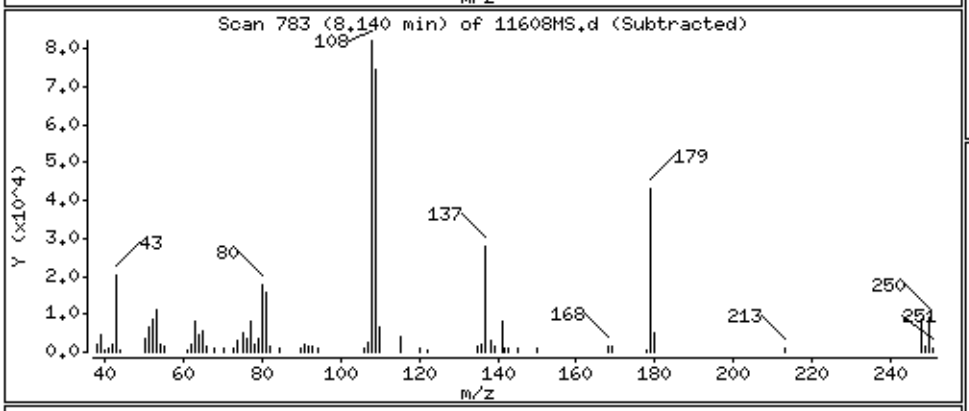
Column diameter: 0.25

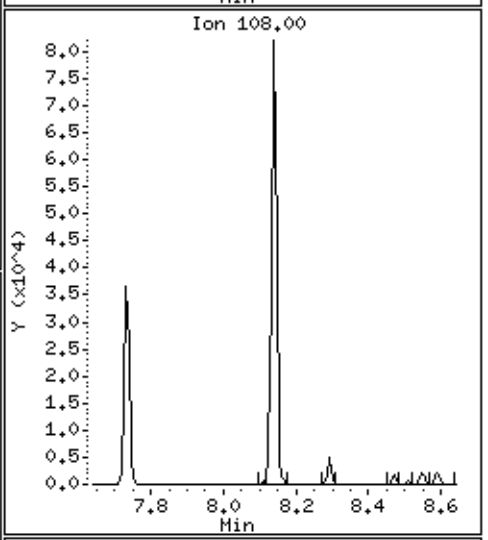
92 Phenacetin

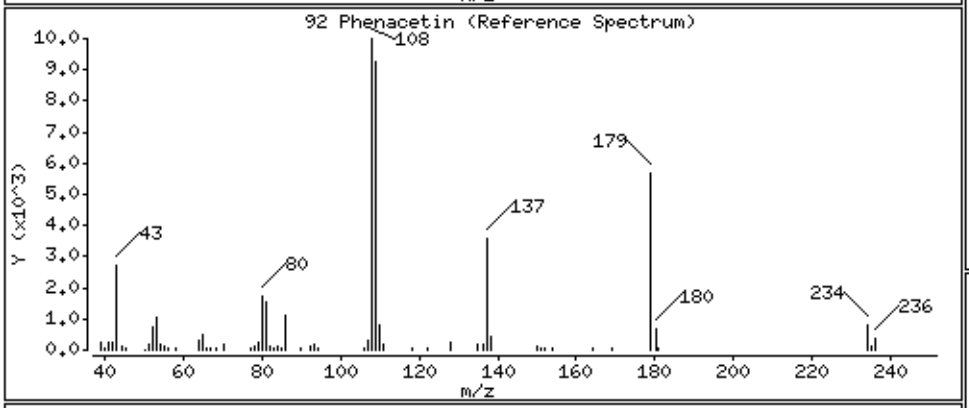
Concentration: 1680 ug/kg

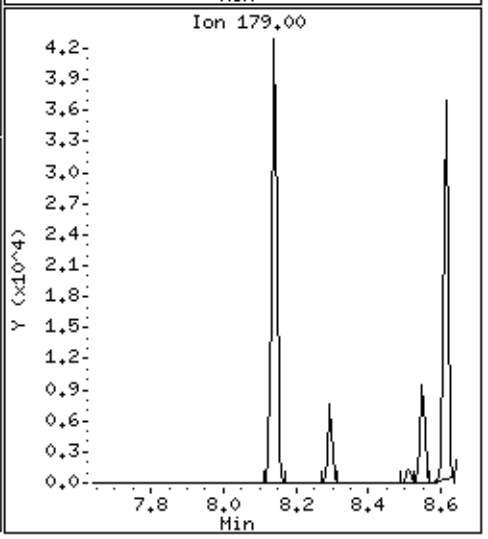


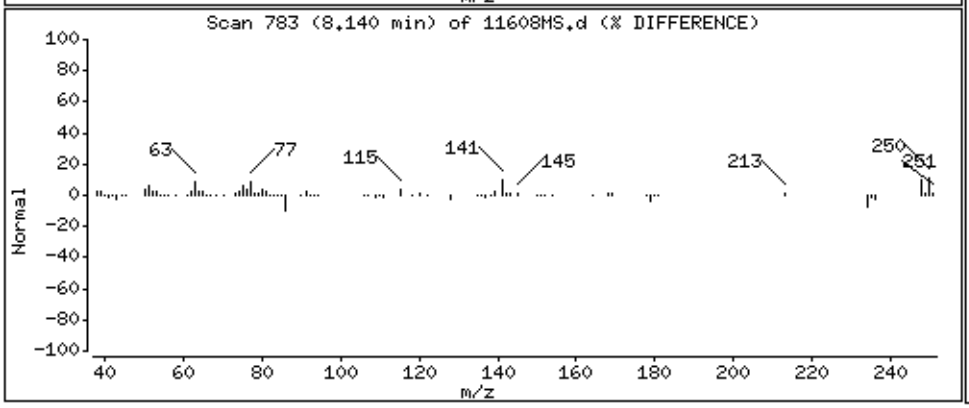












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

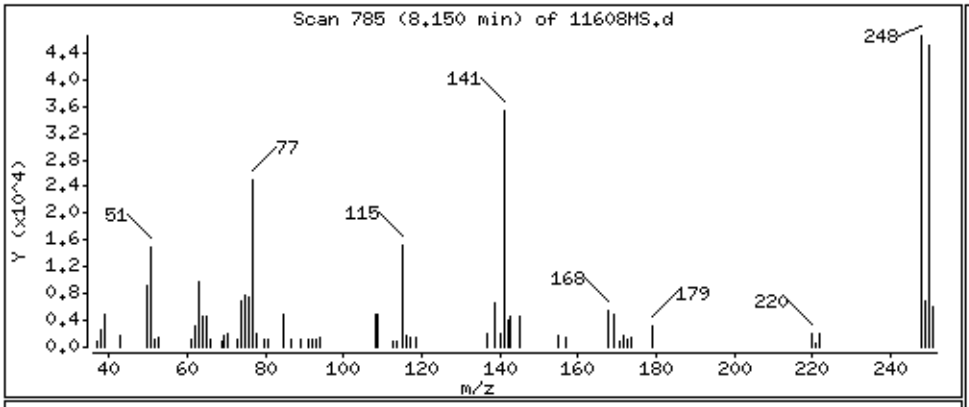
Operator: MJ

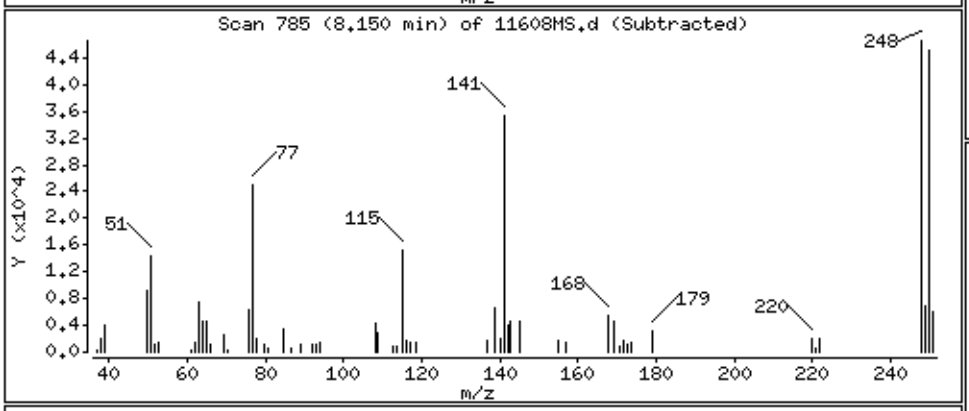
Column phase: HPMS-5

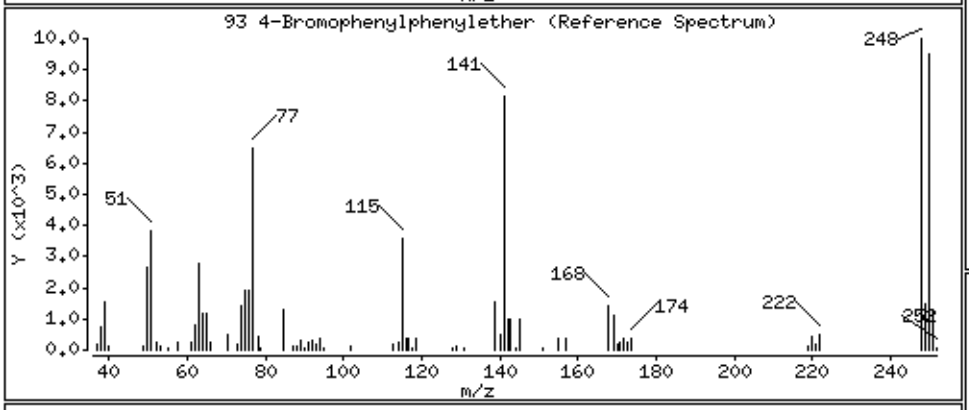
Column diameter: 0.25

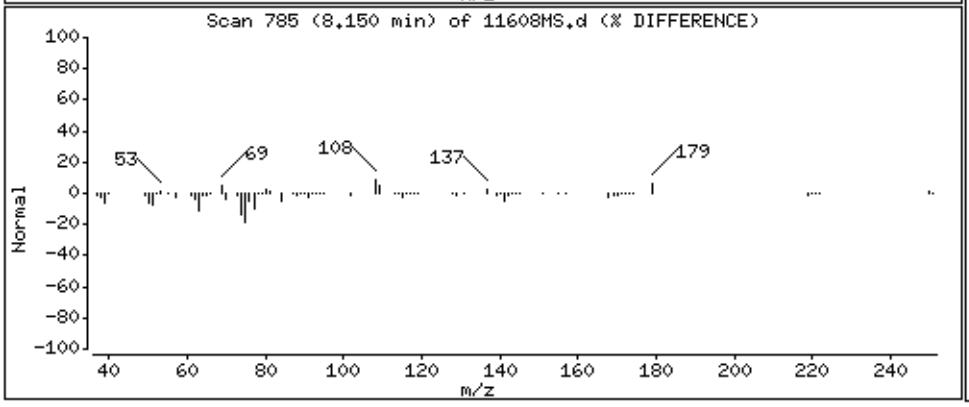
93 4-Bromophenylphenylether

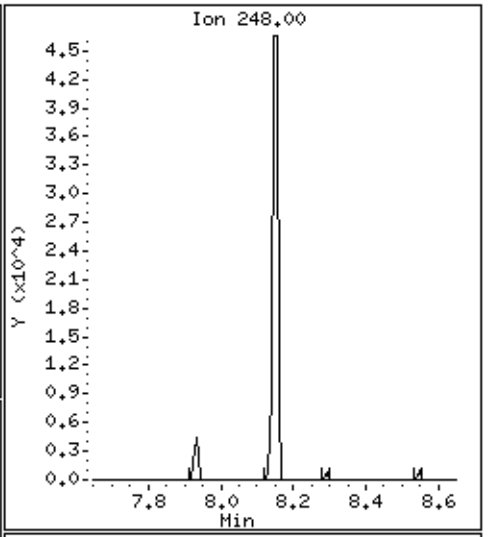
Concentration: 1810 ug/kg

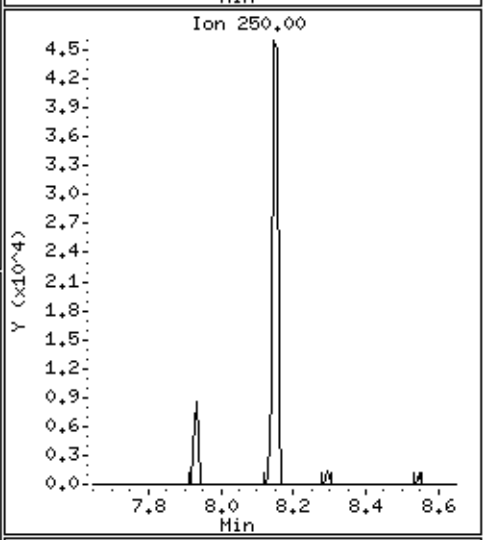


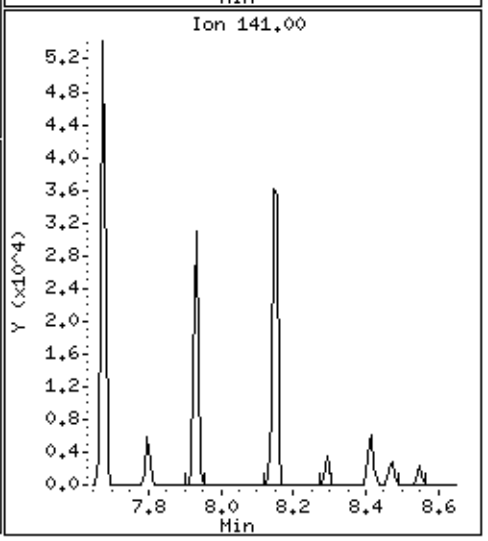












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

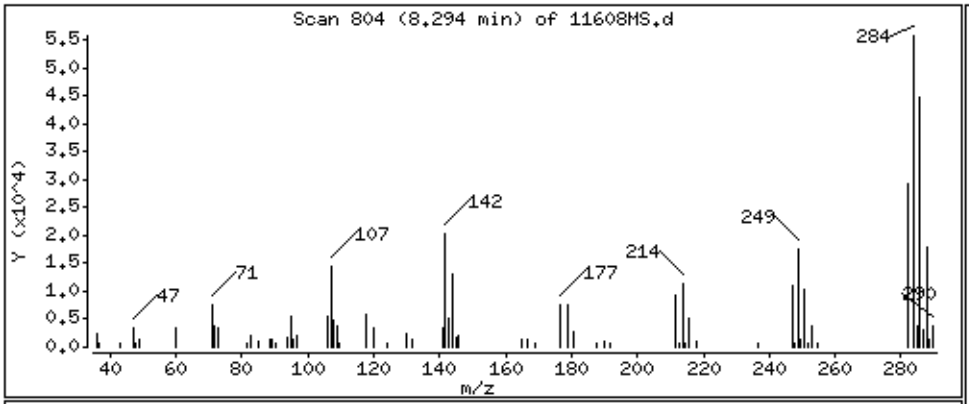
Operator: MJ

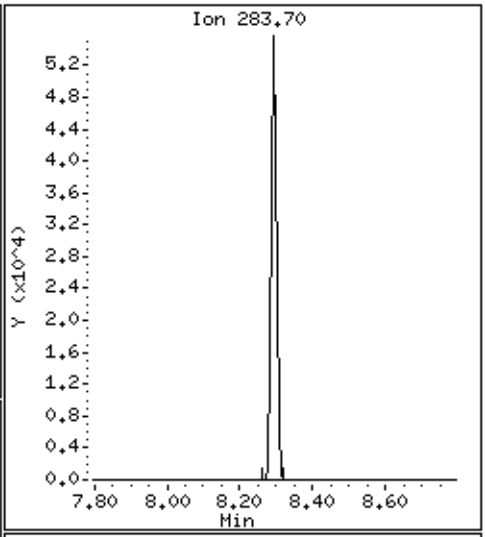
Column phase: HPMS-5

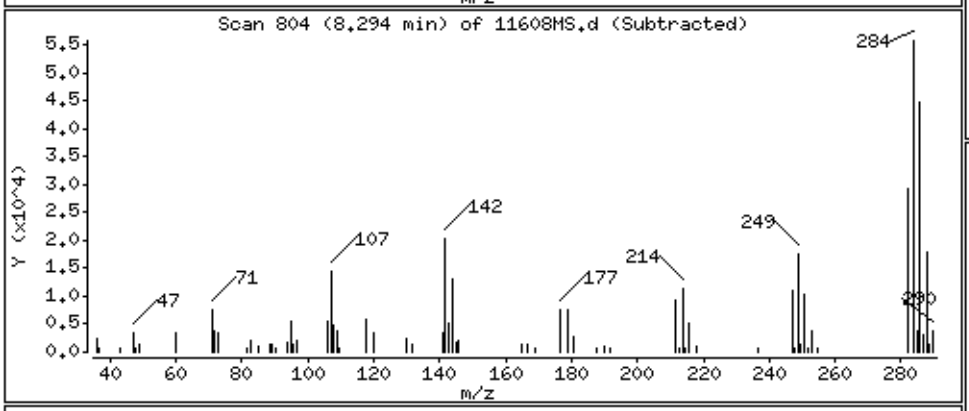
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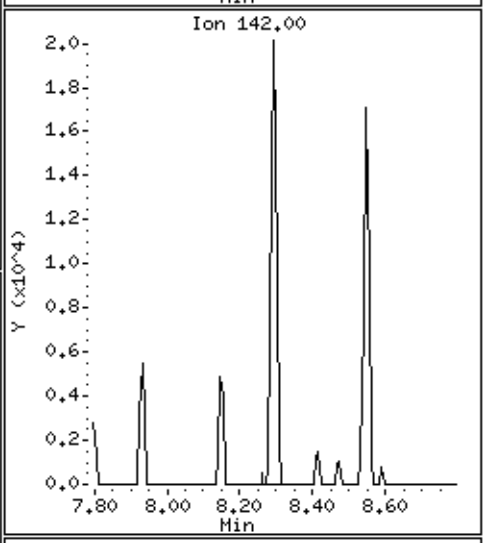
94 Hexachlorobenzene

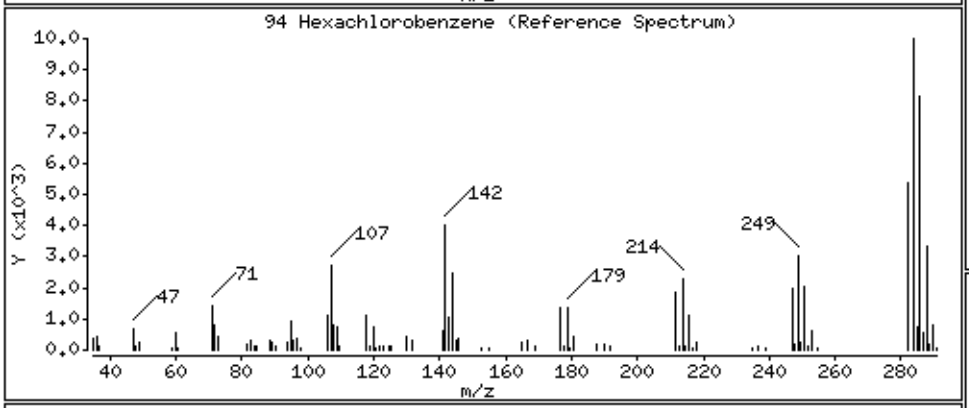
Concentration: 1750 ug/kg

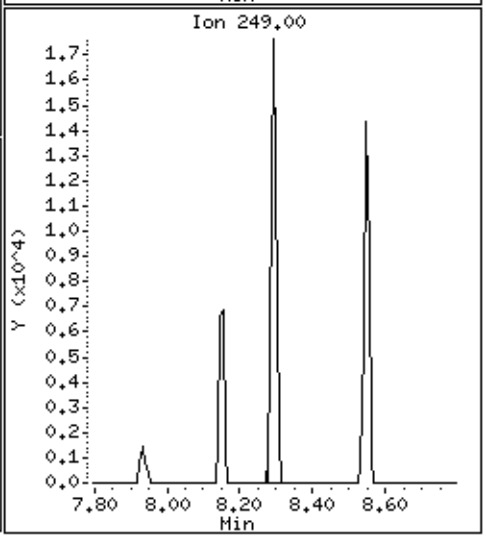


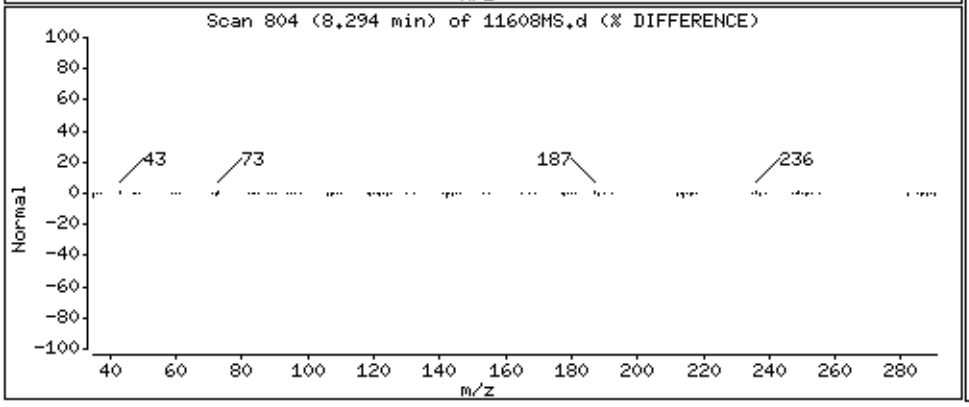












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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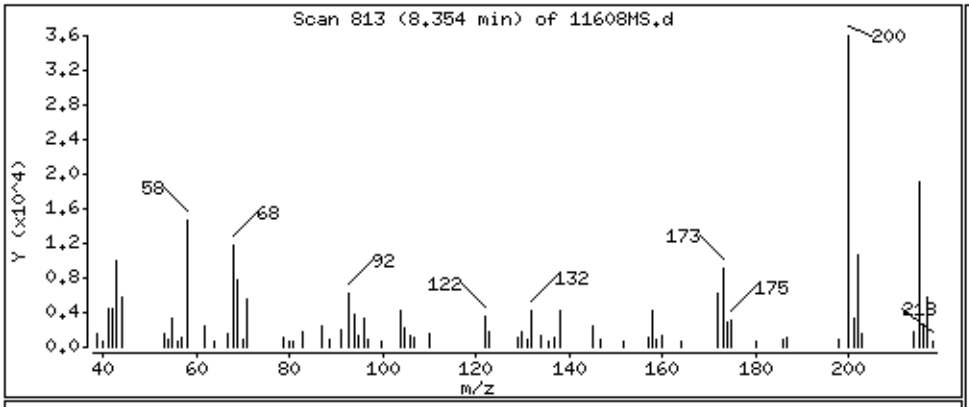
Operator: MJ

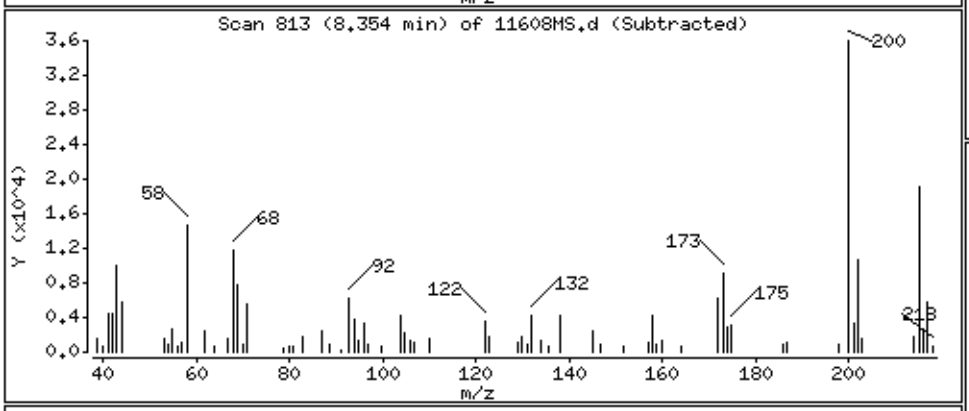
Column phase: HPMS-5

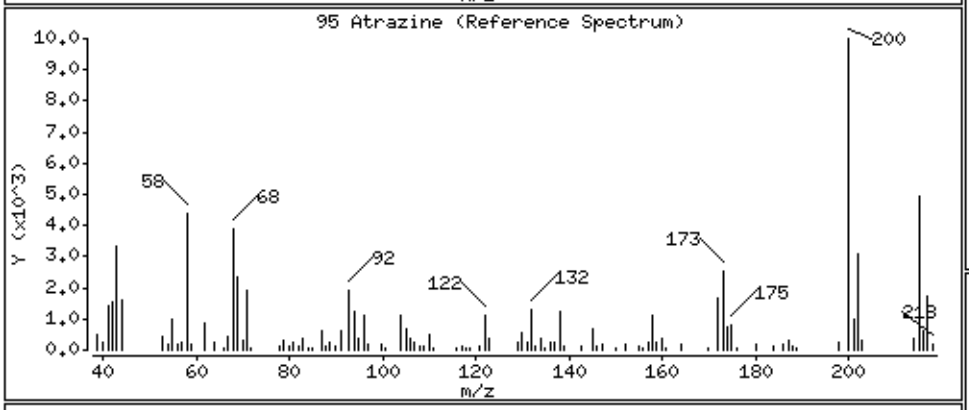
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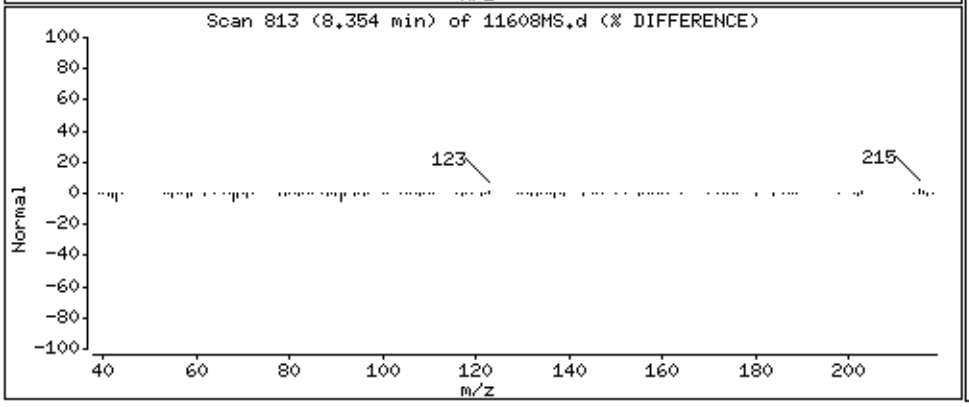
95 Atrazine

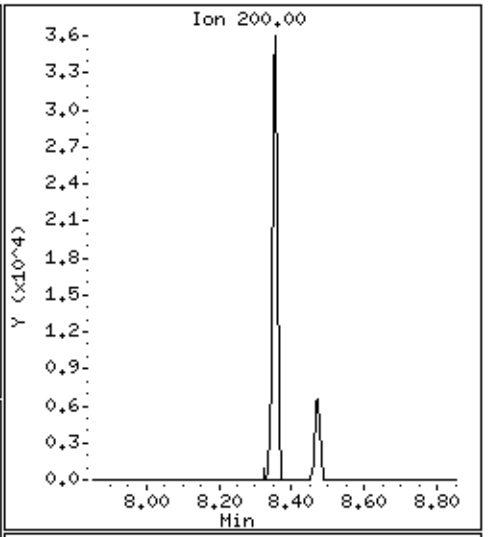
Concentration: 1520 ug/kg

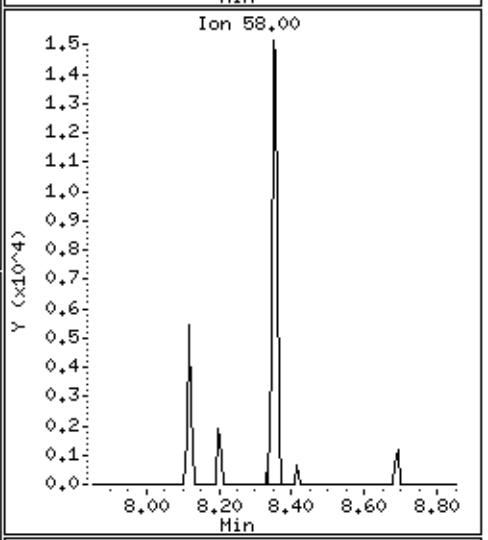


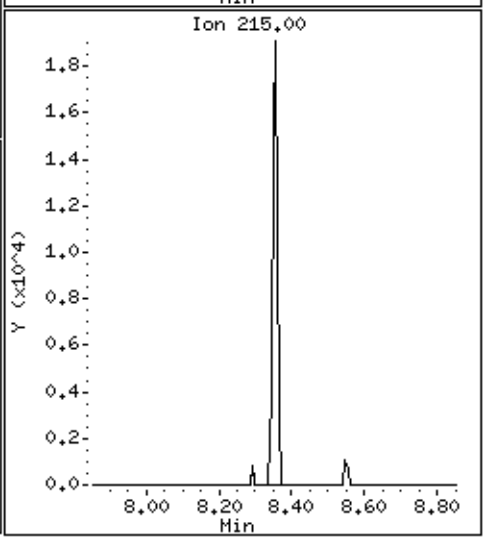












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Date : 29-NOV-2012 15:51

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Instrument: smsd04.i

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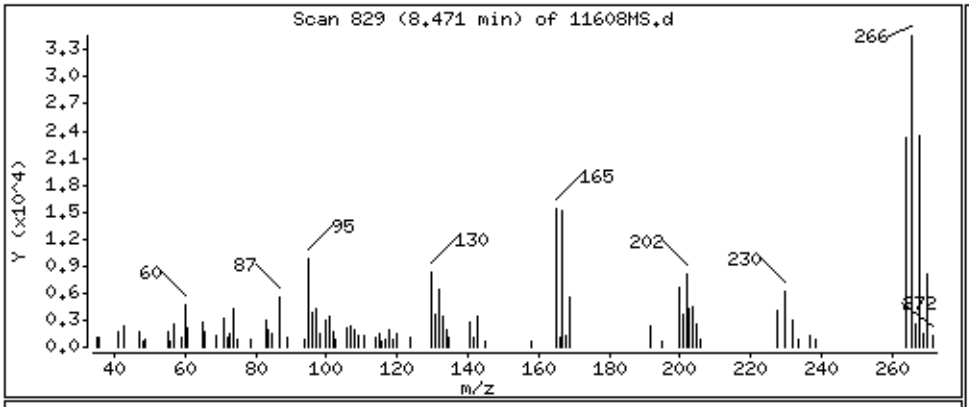
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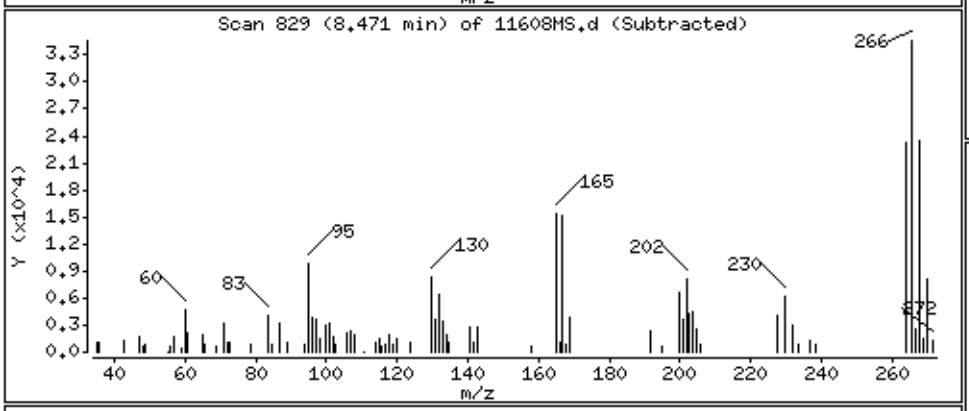
Column phase: HPMS-5

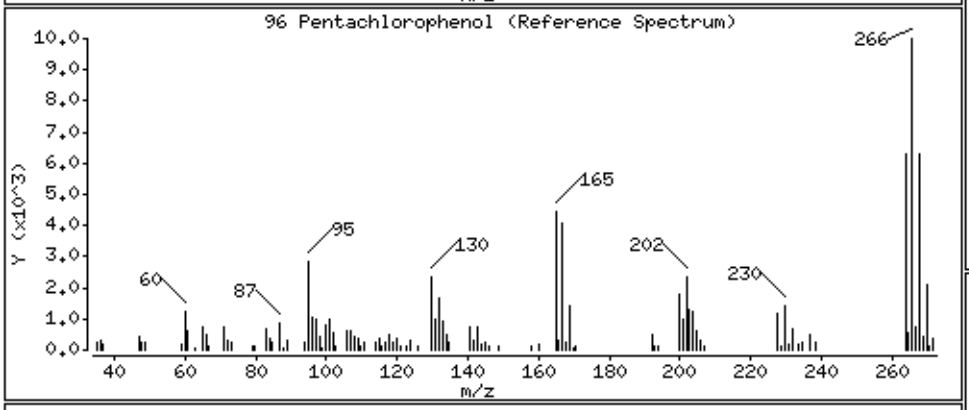
Column diameter: 0.25

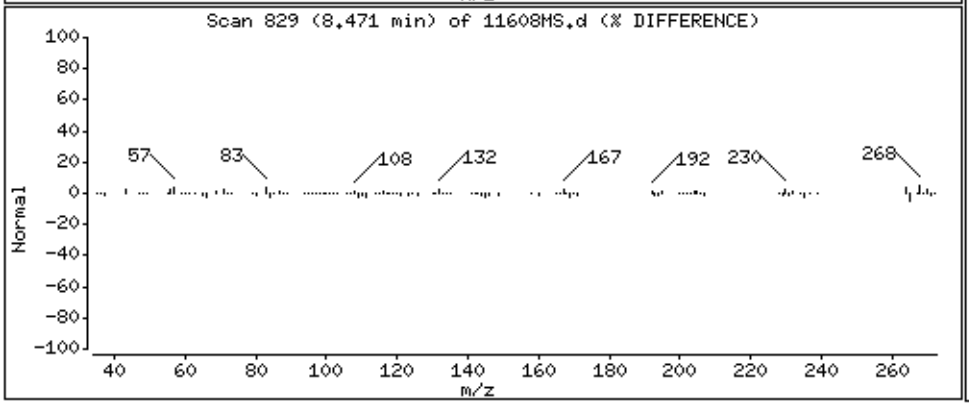
96 Pentachlorophenol

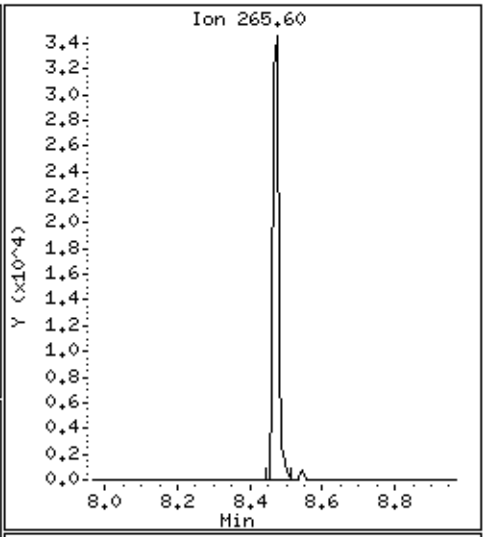
Concentration: 2030 ug/kg

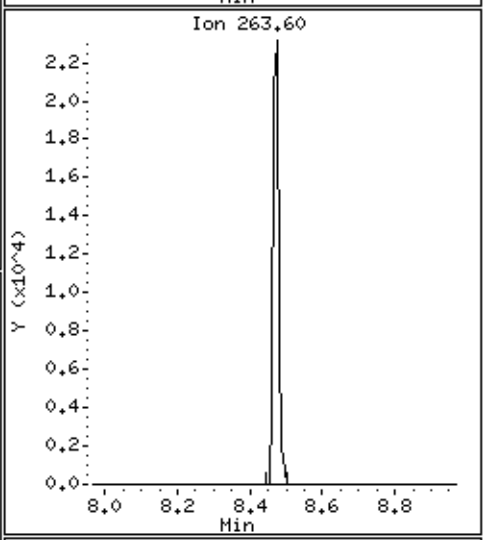


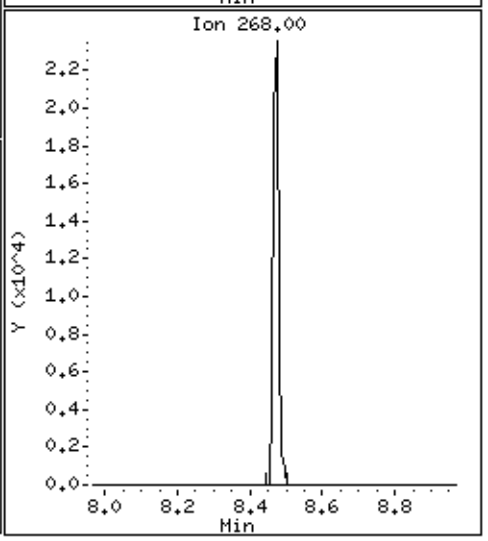












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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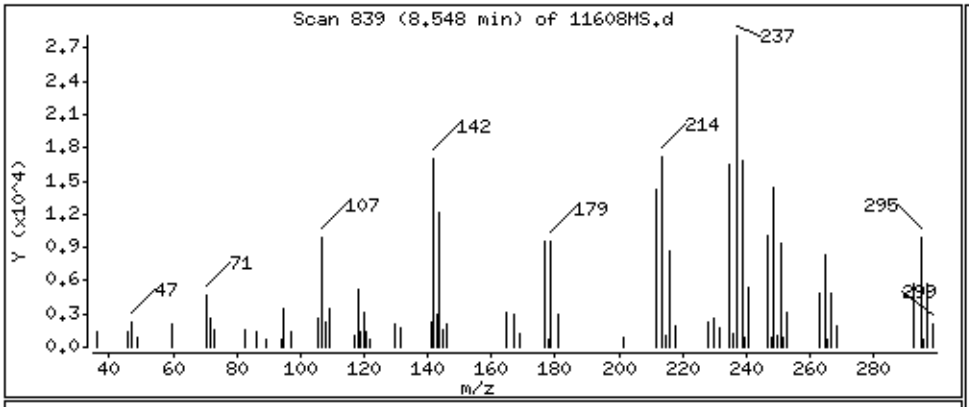
Operator: MJ

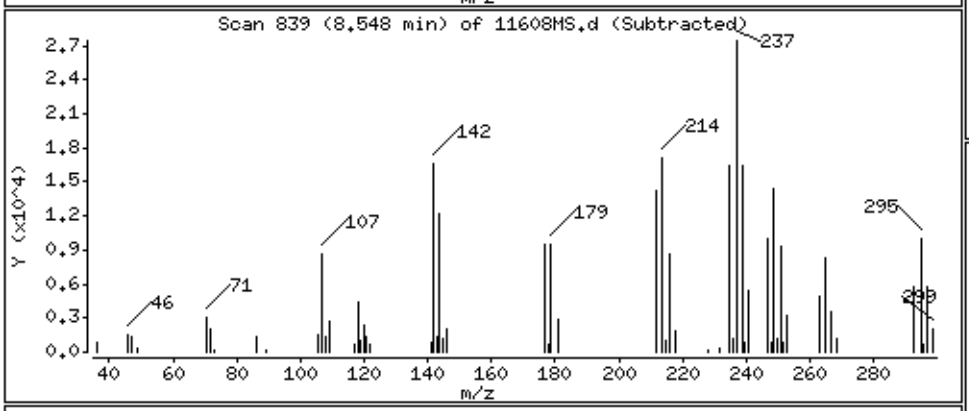
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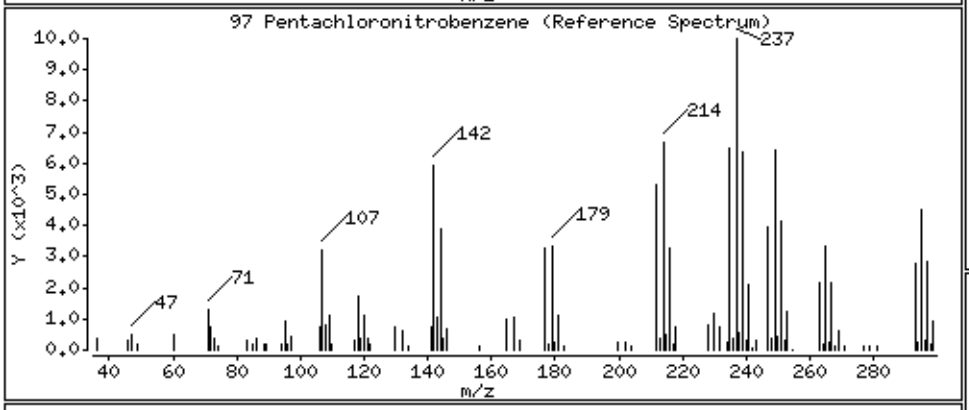
Column diameter: 0.25

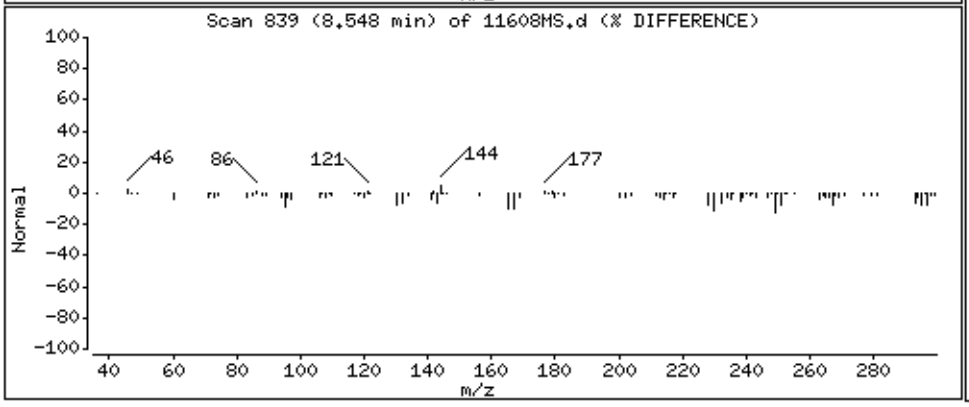
97 Pentachloronitrobenzene

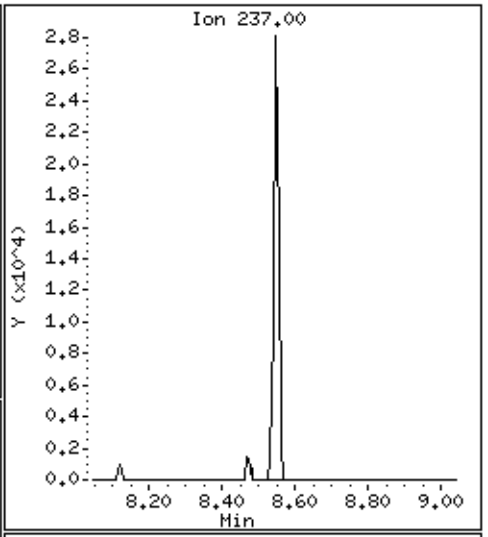
Concentration: 1790 ug/kg

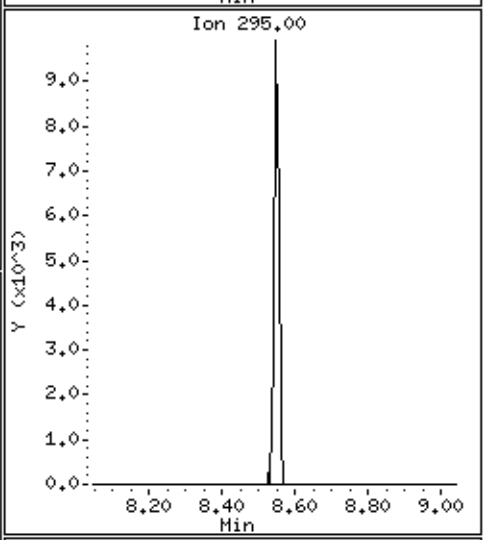


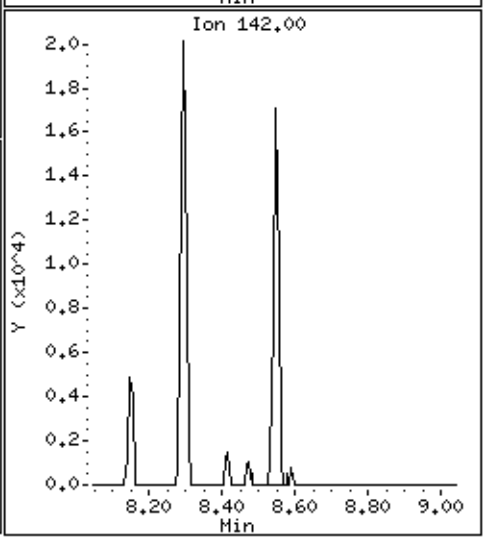












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

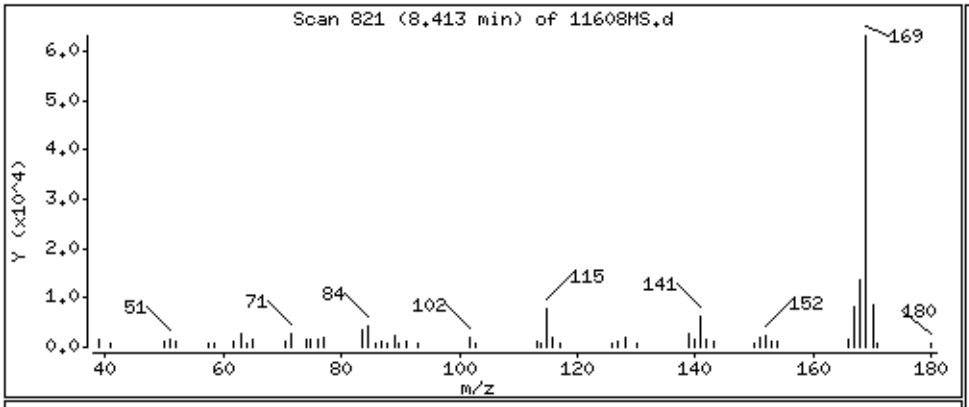
Operator: MJ

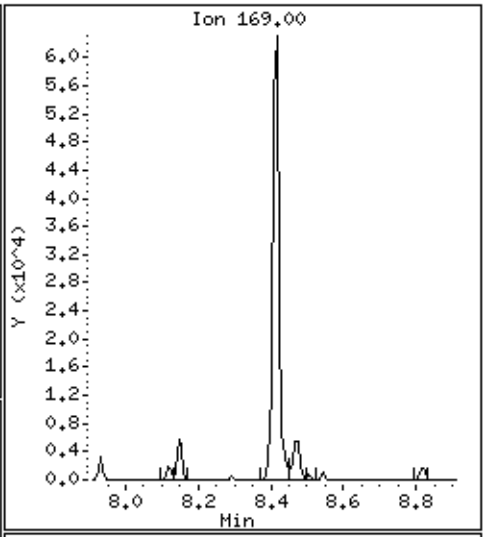
Column phase: HPMS-5

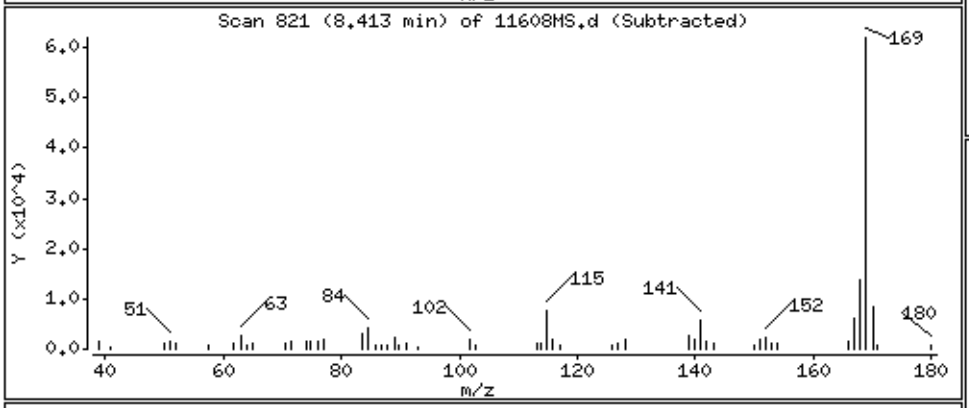
Column diameter: 0.25

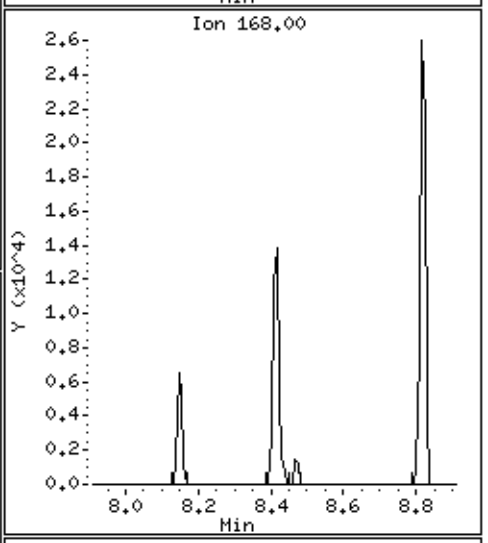
98 4-Aminobiphenyl

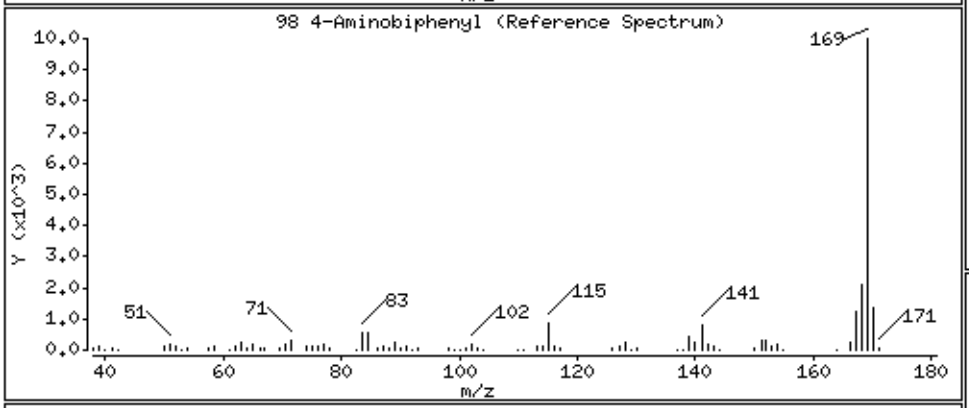
Concentration: 871 ug/kg

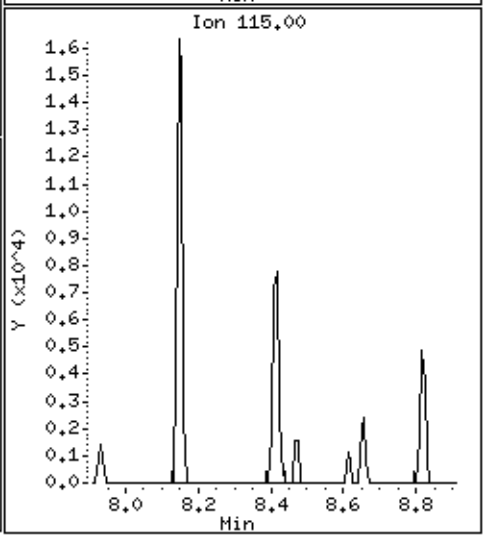


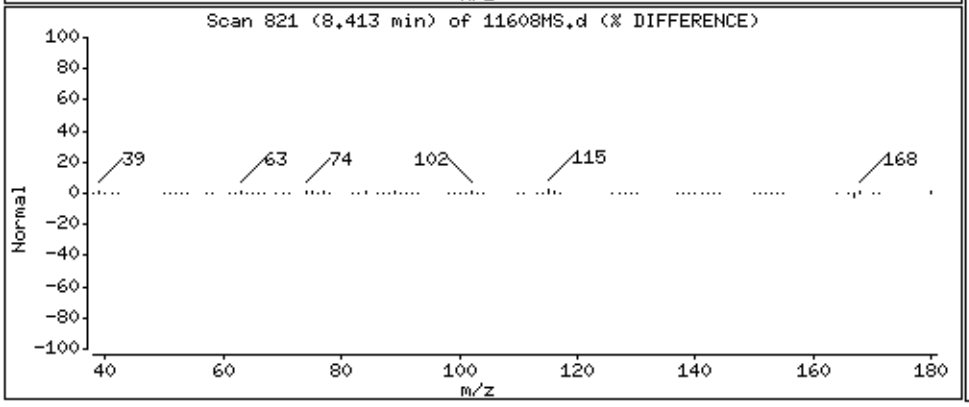












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

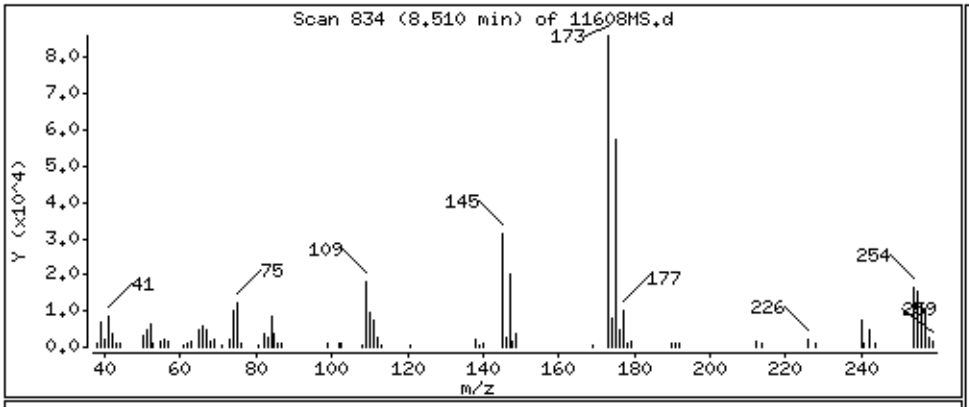
Operator: MJ

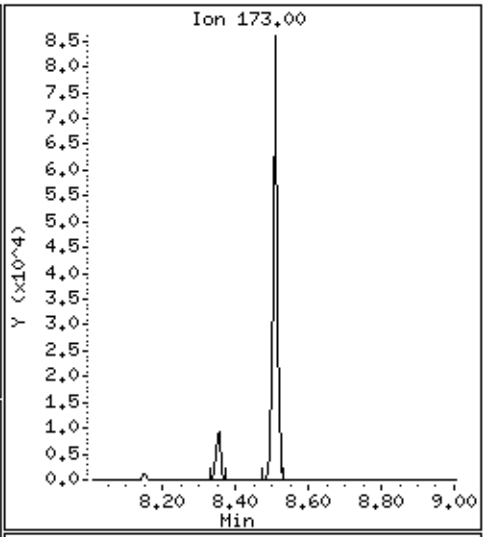
Column phase: HPMS-5

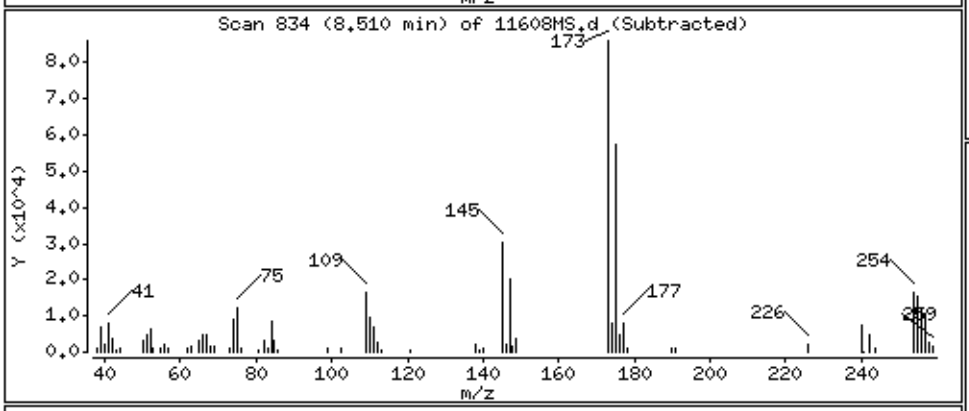
Column diameter: 0.25

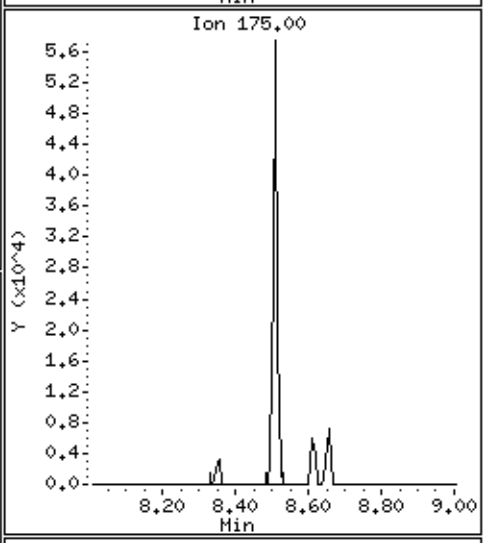
99 Pronamide

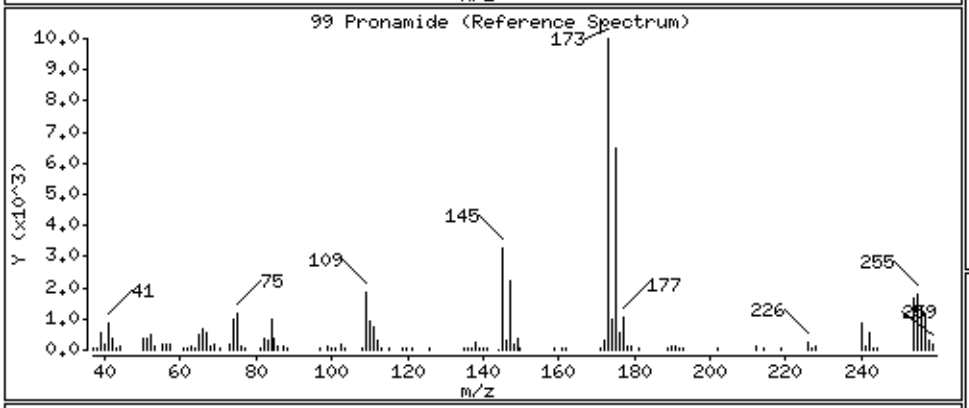
Concentration: 1720 ug/kg

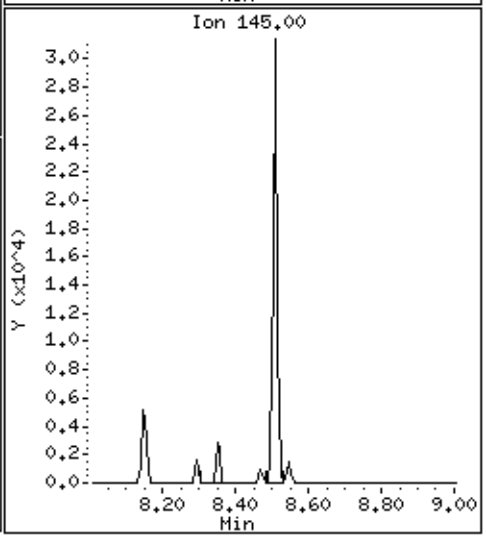


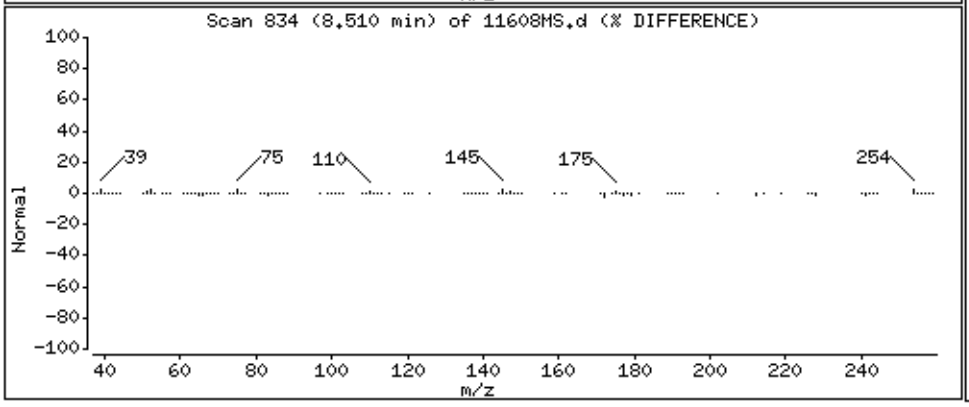












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

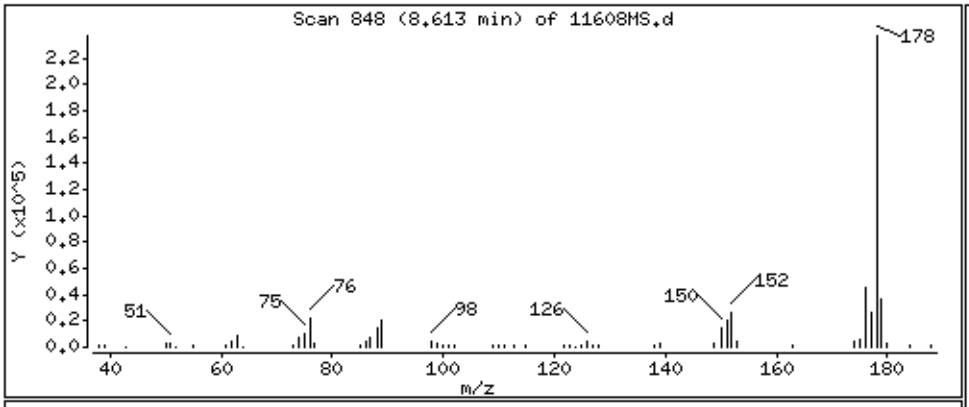
Operator: MJ

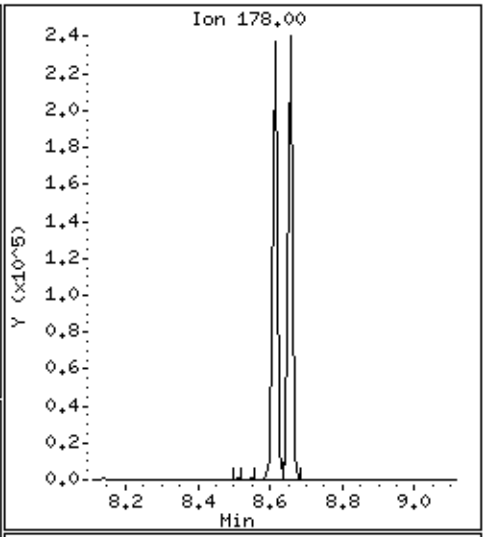
Column phase: HPMS-5

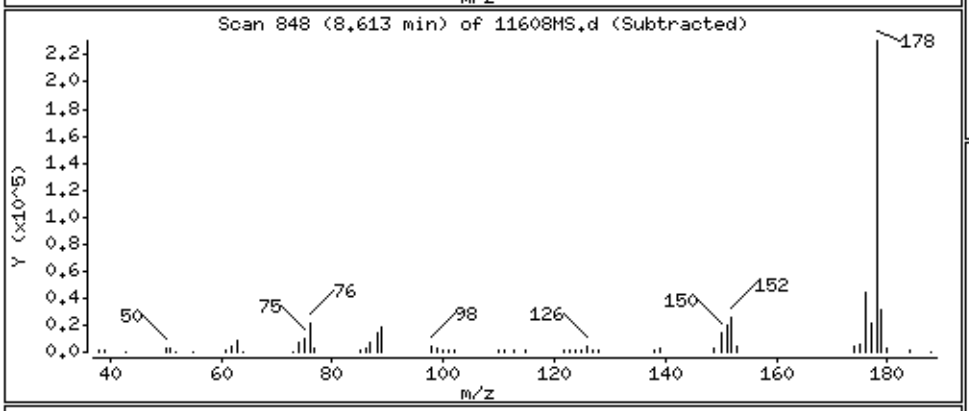
Column diameter: 0.25

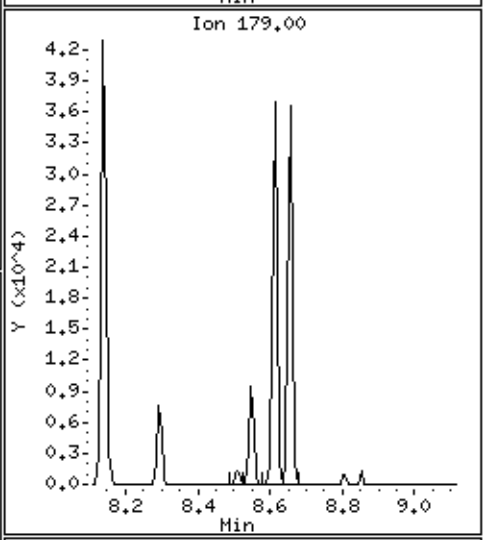
101 Phenanthrene

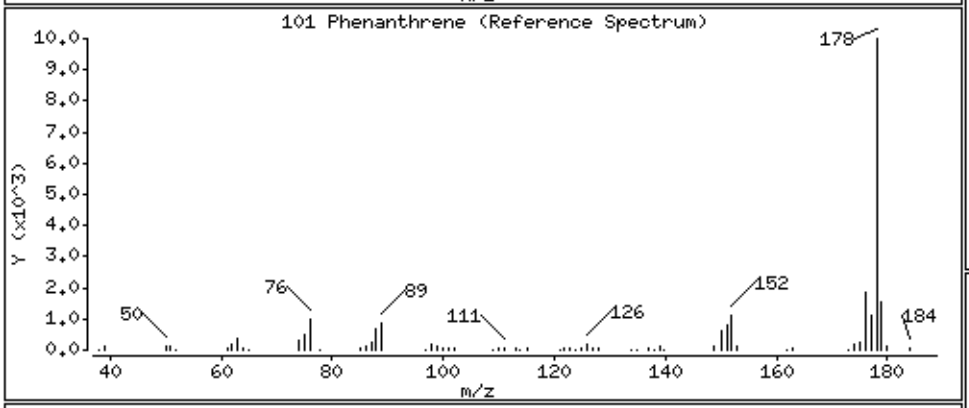
Concentration: 1830 ug/kg

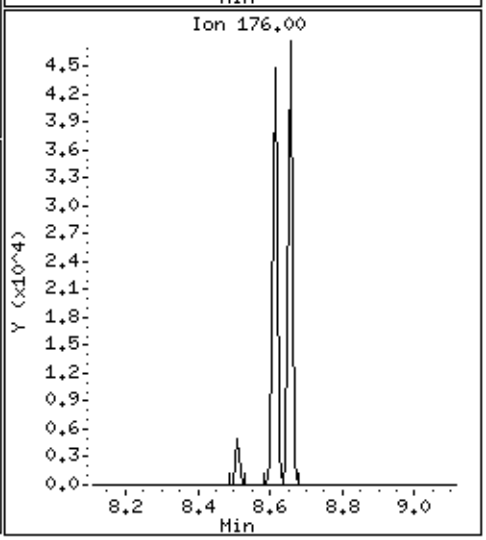


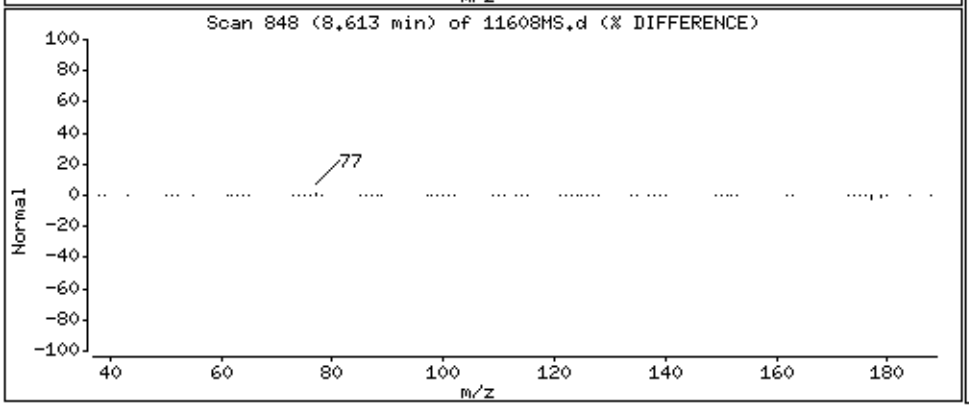












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

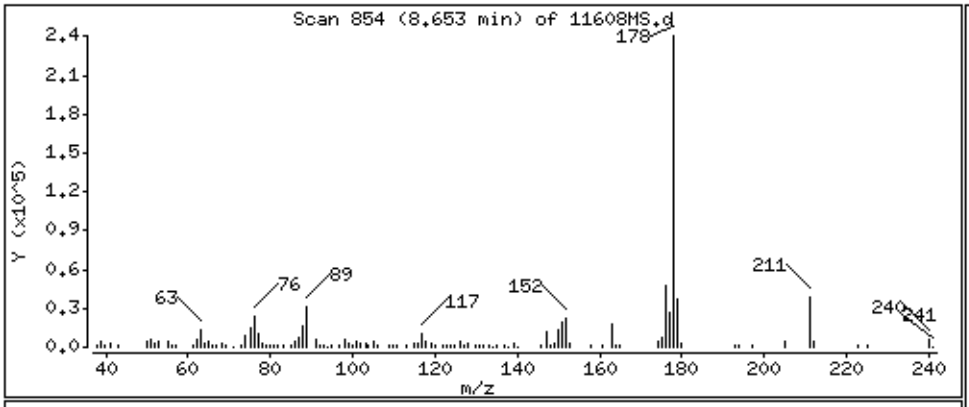
Operator: MJ

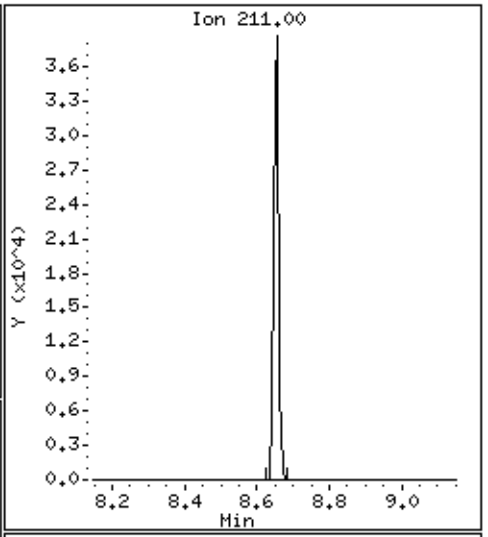
Column phase: HPMS-5

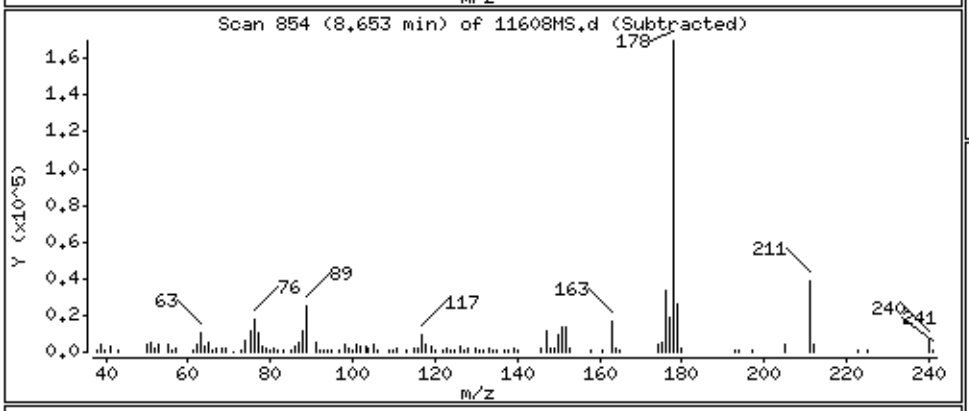
Column diameter: 0.25

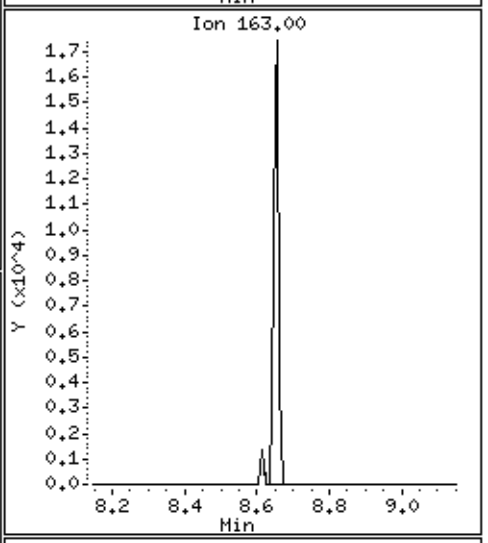
102 Dinoseb

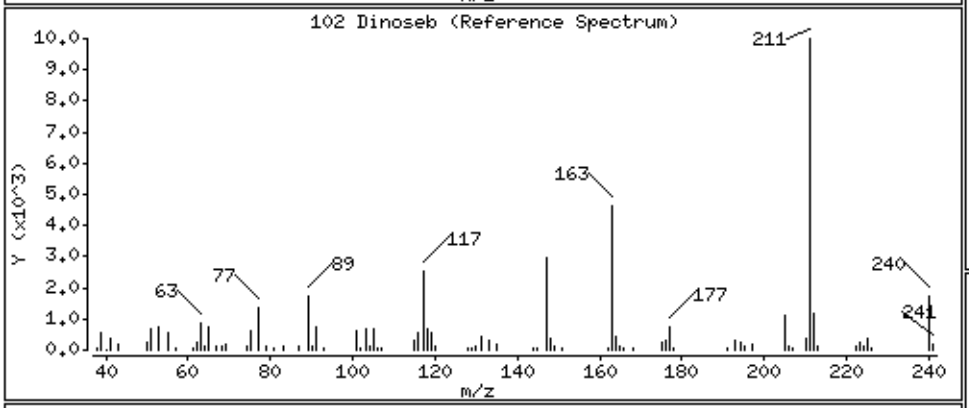
Concentration: 1720 ug/kg

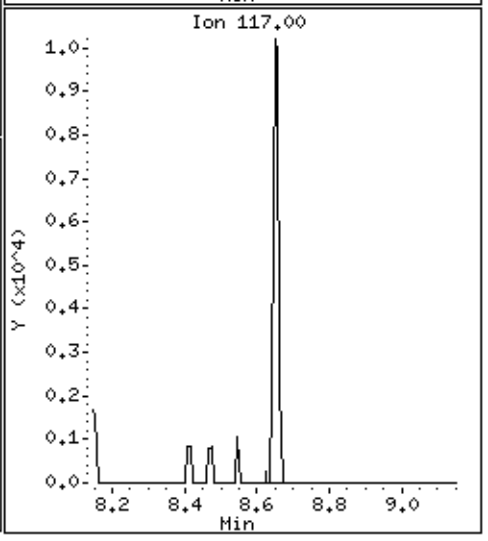


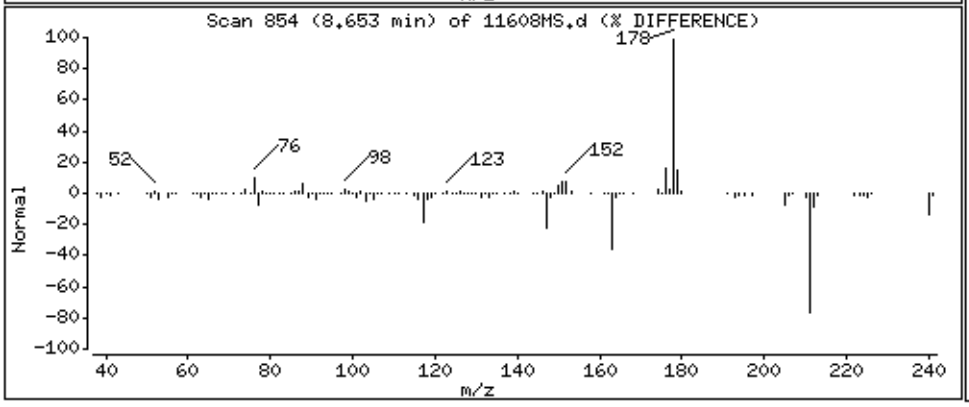












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Client ID: FM0126C-GS-SPMS

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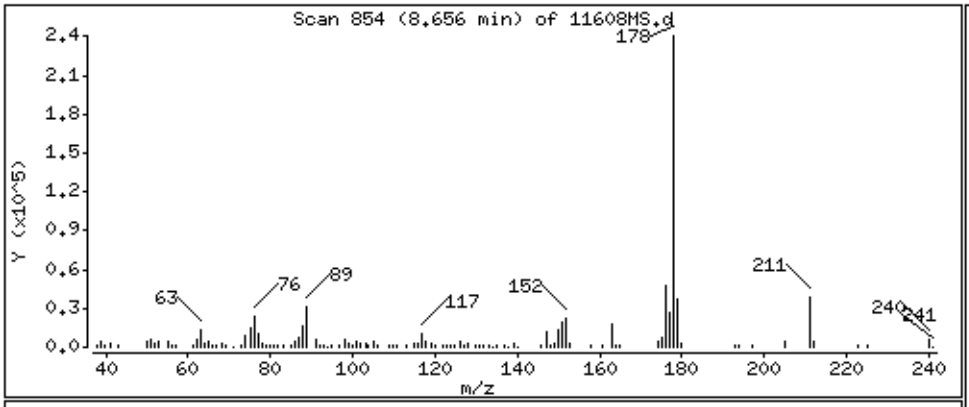
Operator: MJ

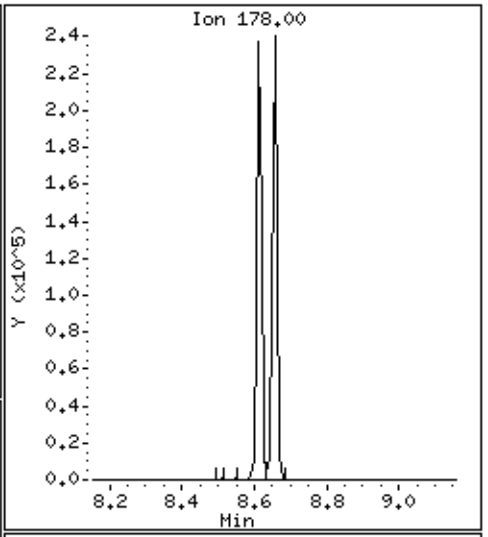
Column phase: HPMS-5

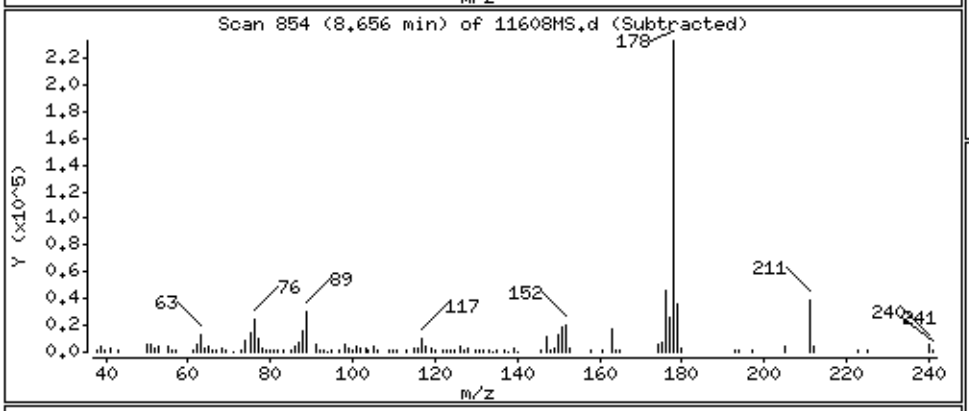
Column diameter: 0.25

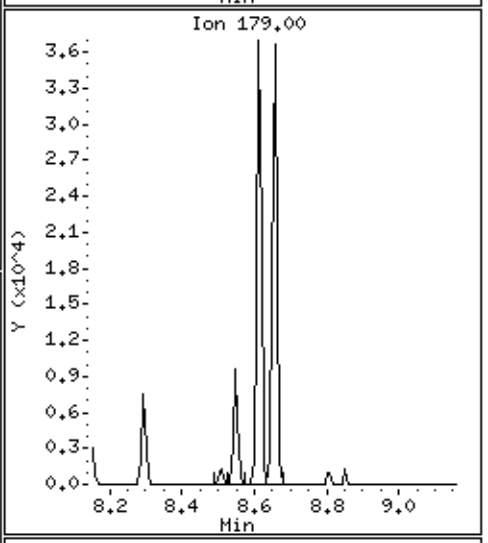
103 Anthracene

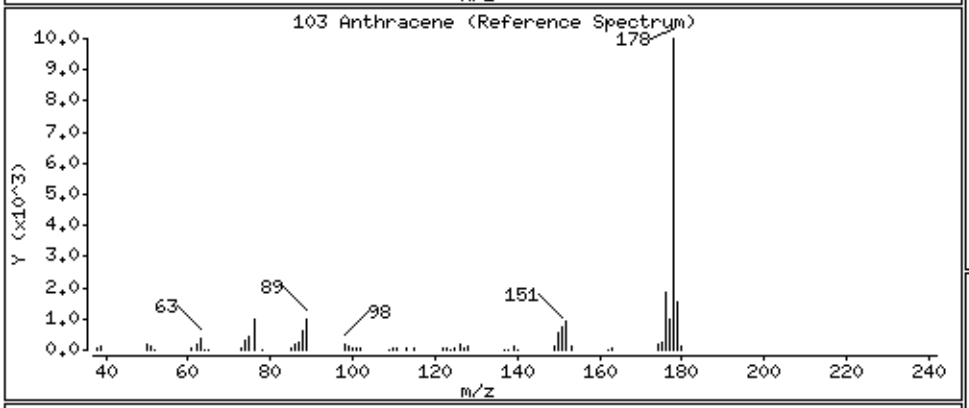
Concentration: 2040 ug/kg

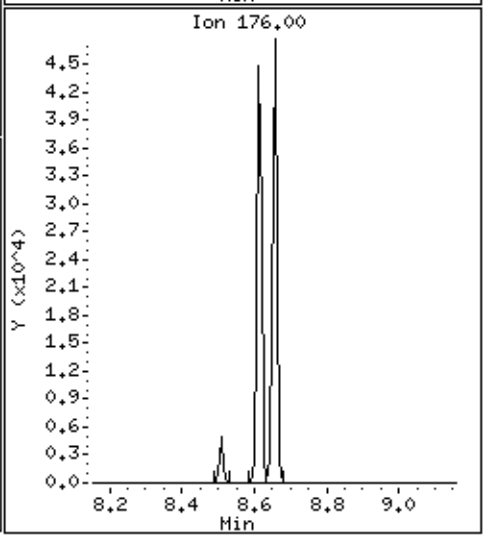


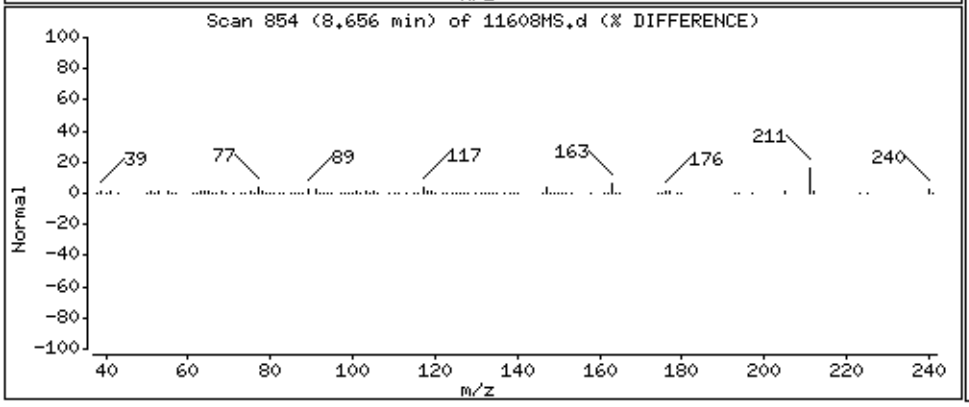












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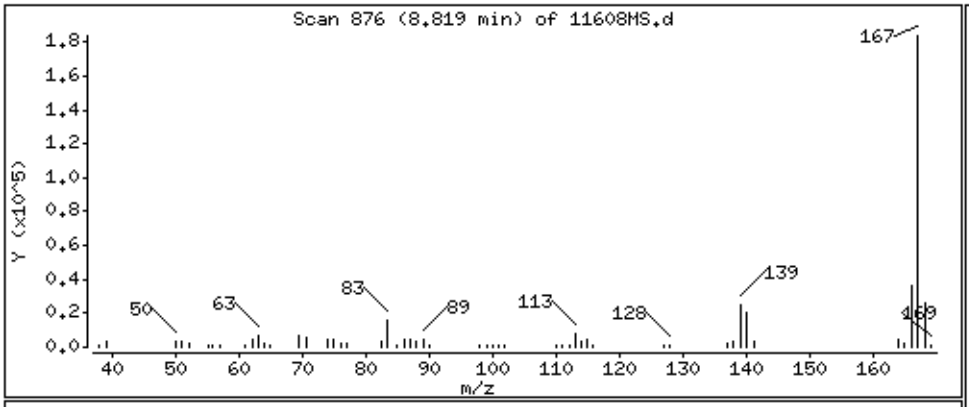
Operator: MJ

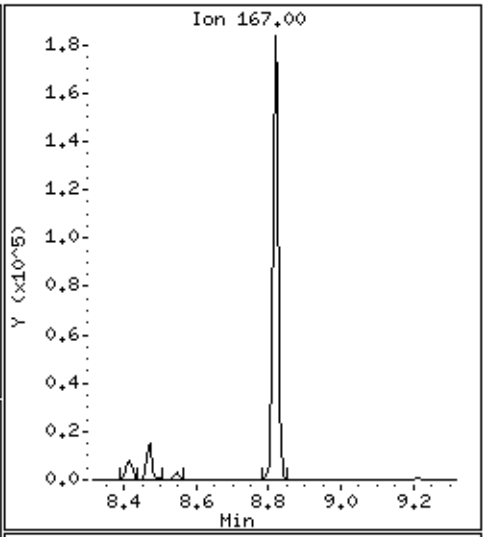
Column phase: HPMS-5

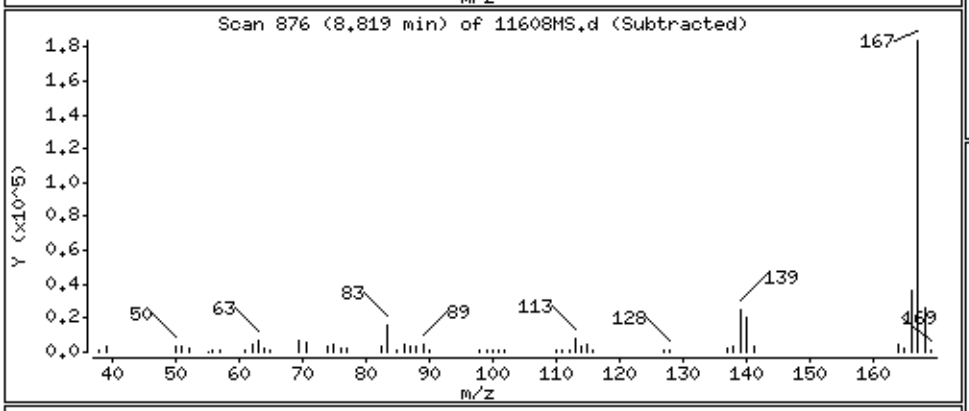
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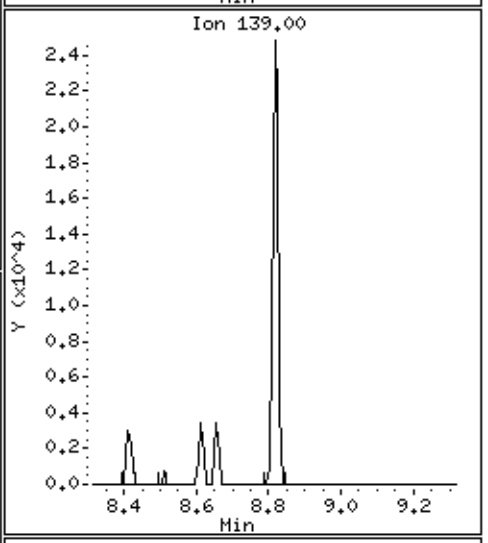
104 Carbazole

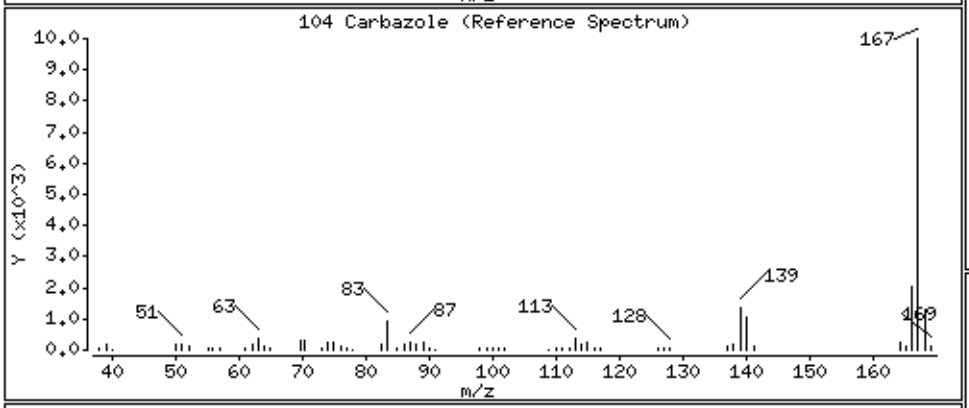
Concentration: 1860 ug/kg

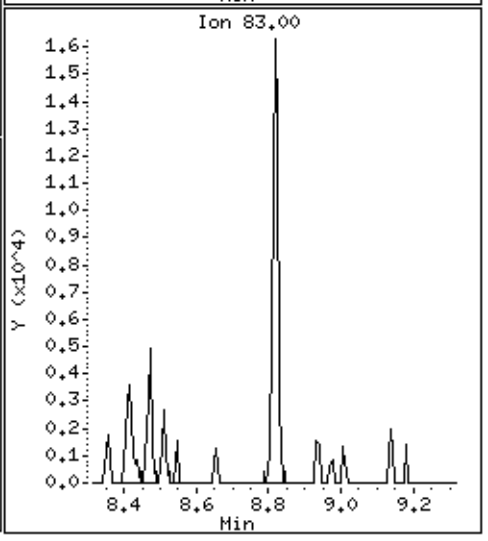


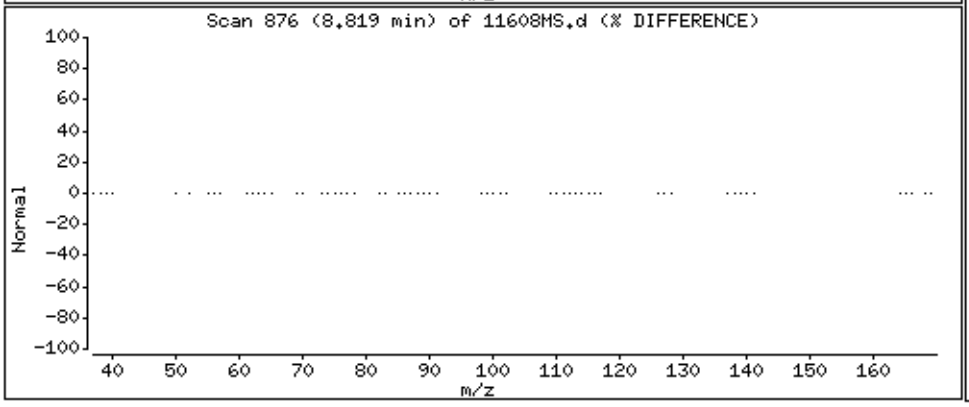












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

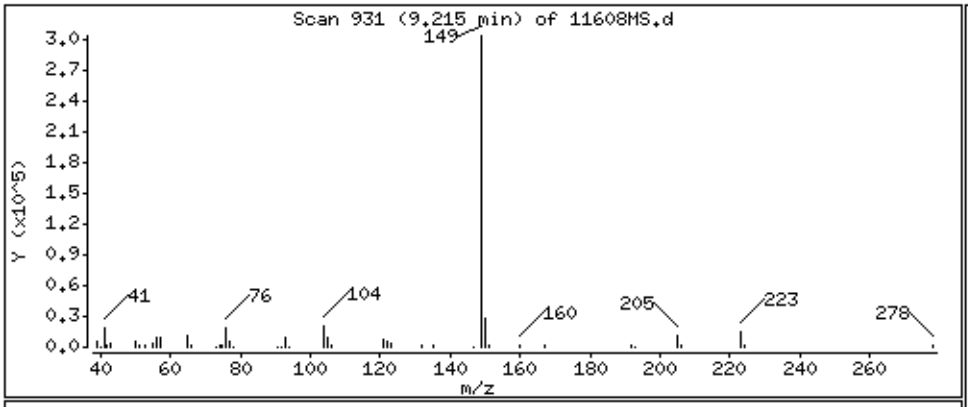
Operator: MJ

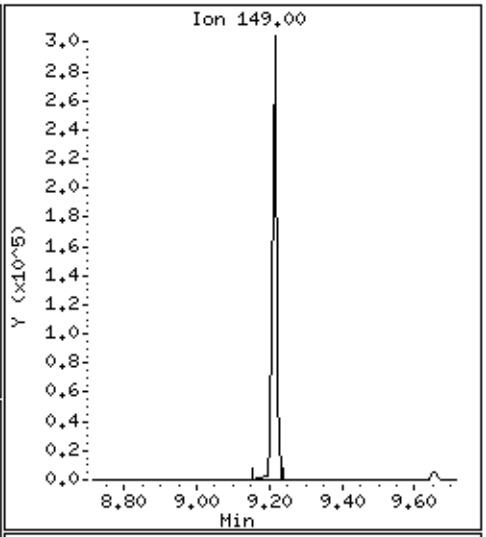
Column phase: HPMS-5

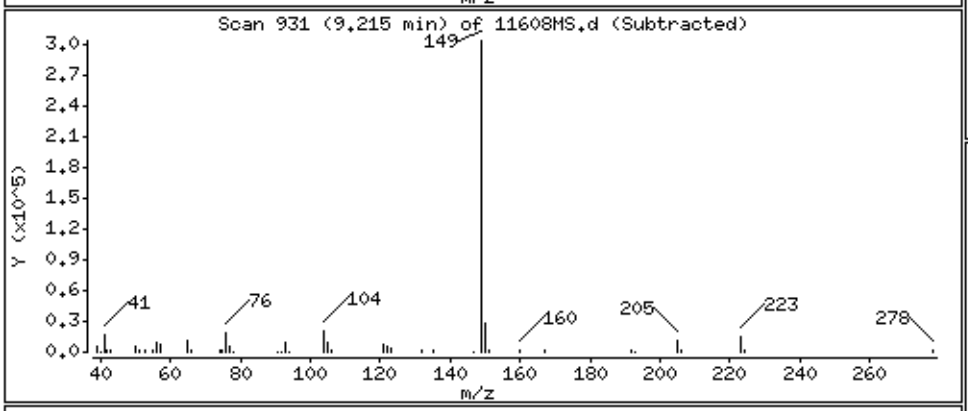
Column diameter: 0.25

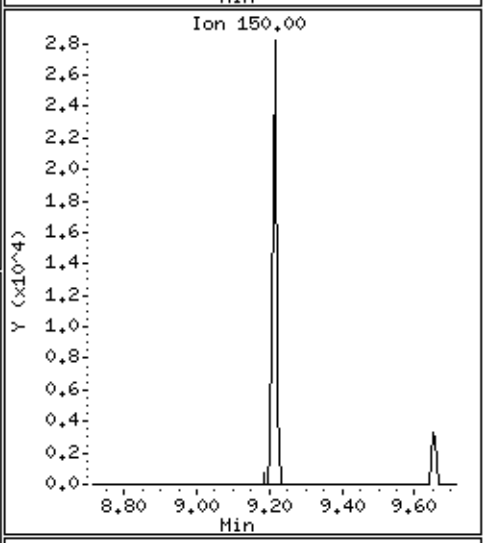
105 Di-n-butylphthalate

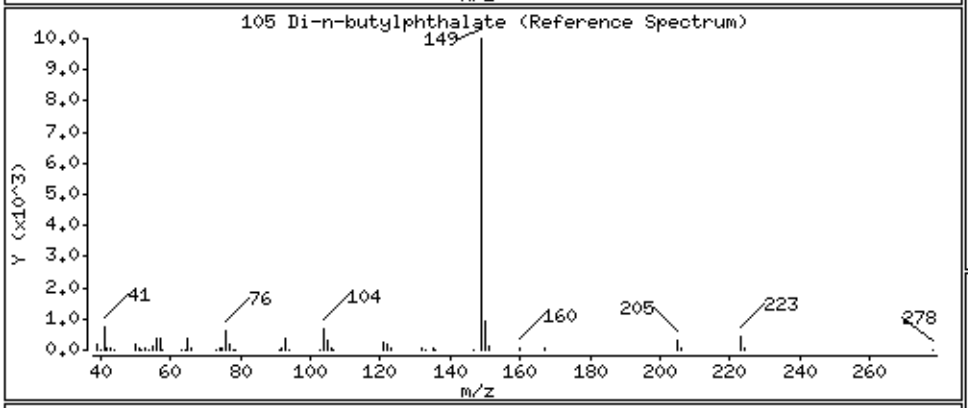
Concentration: 1880 ug/kg

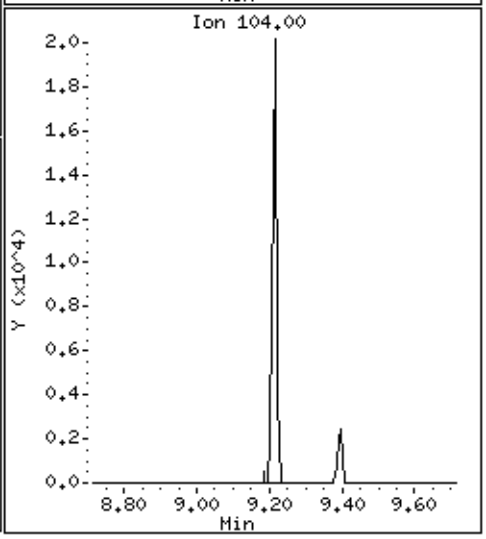


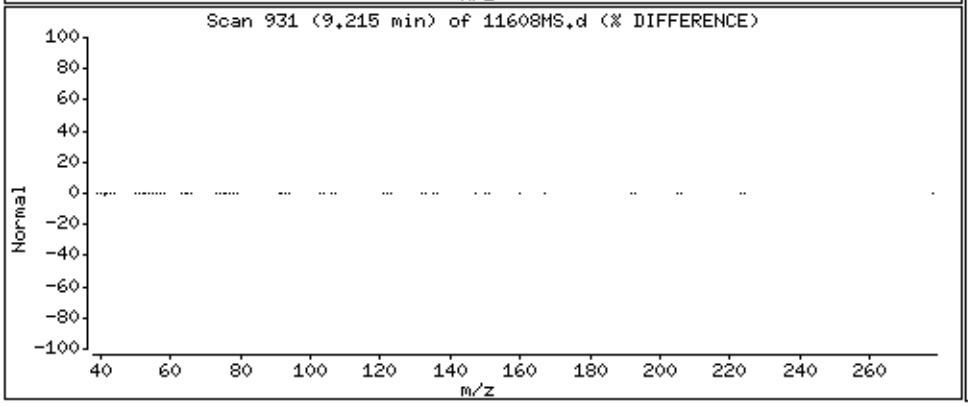












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Instrument: smsd04.i

Sample Info: SW154212MS

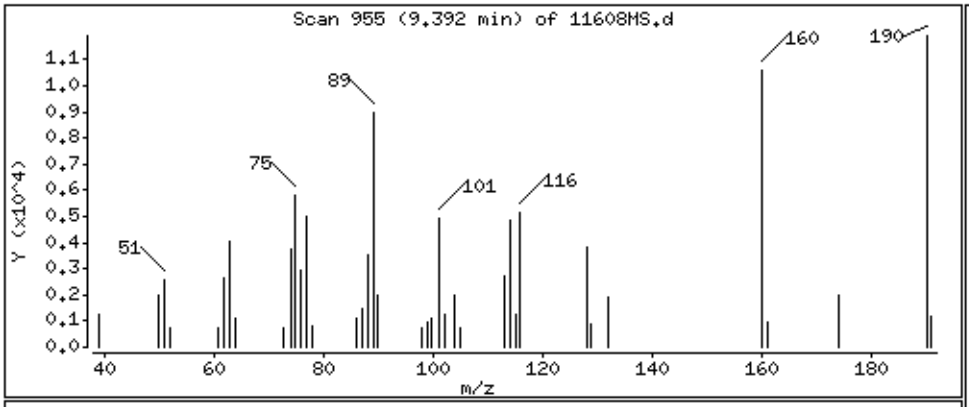
Operator: MJ

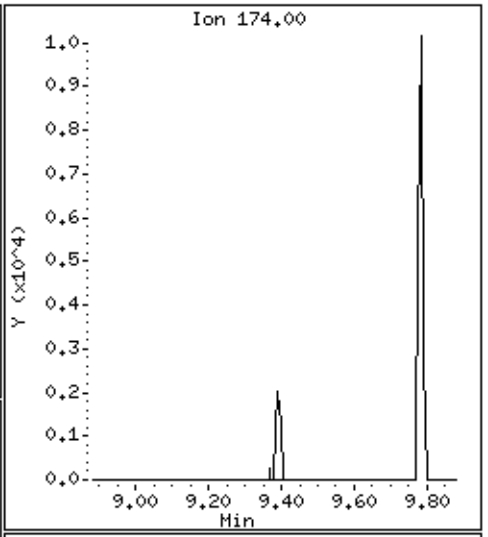
Column phase: HPMS-5

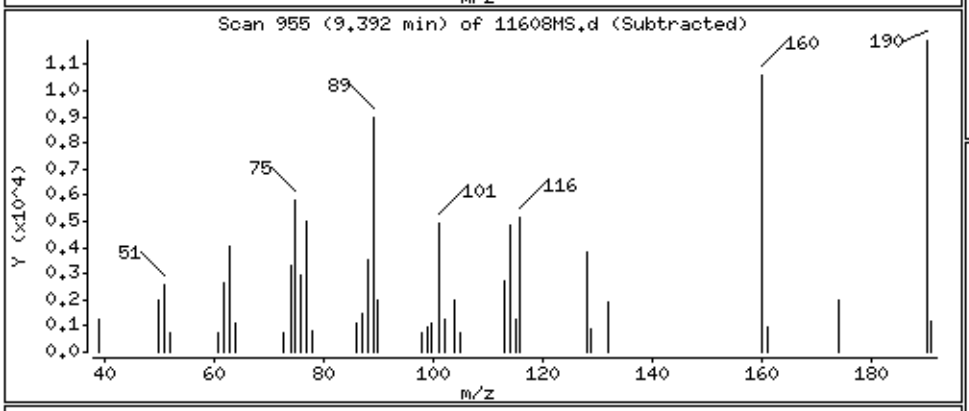
Column diameter: 0.25

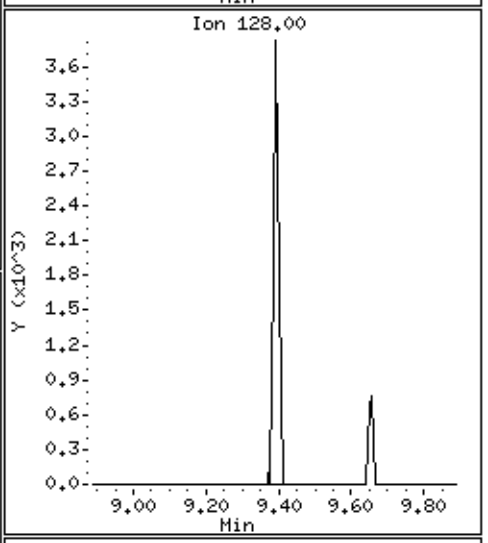
106 4-Nitroquinoline-1-oxide

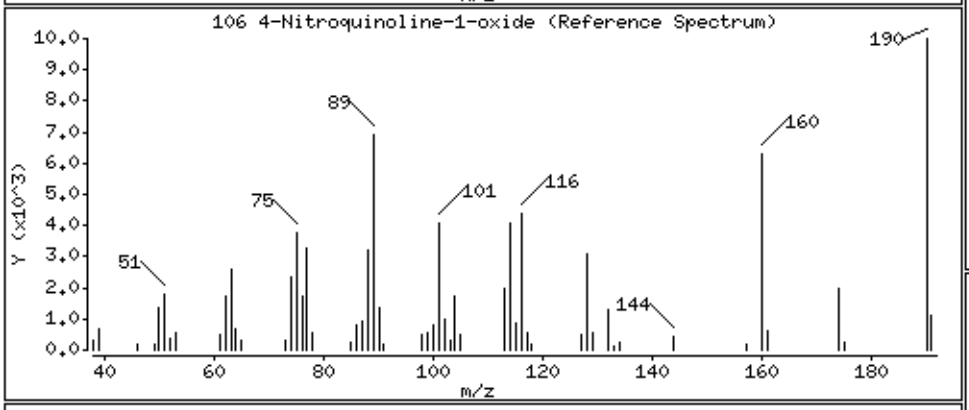
Concentration: 1290 ug/kg

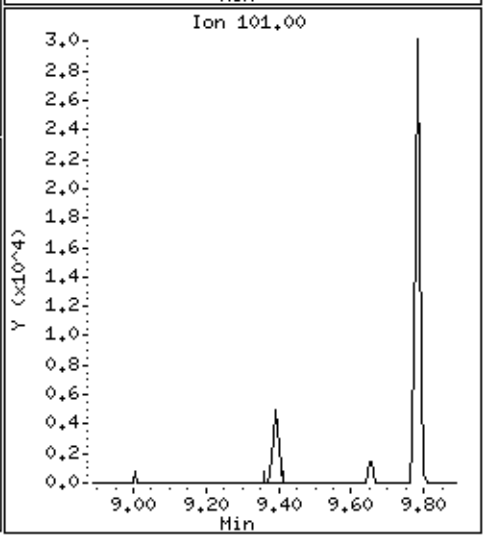


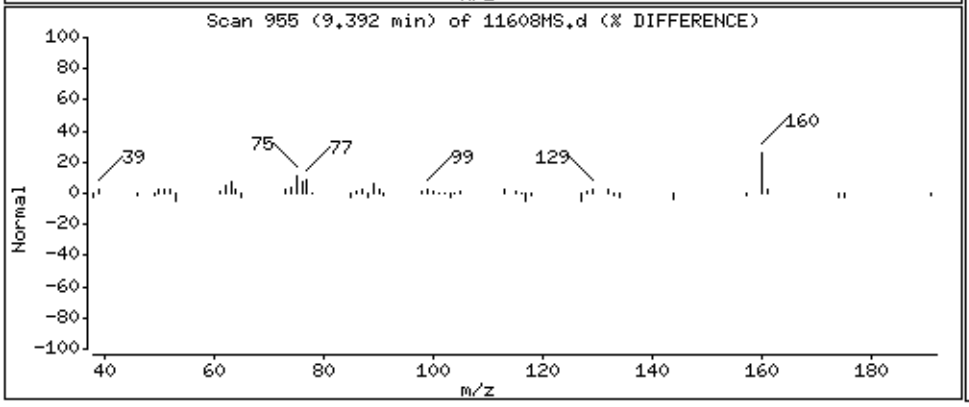












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

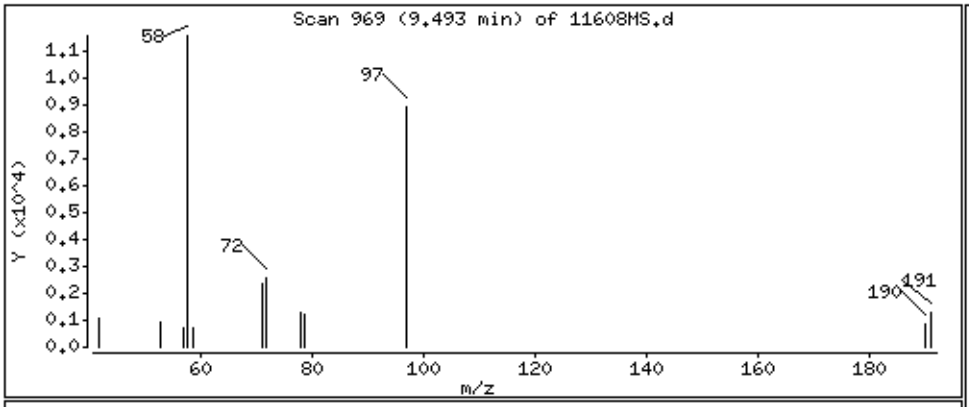
Operator: MJ

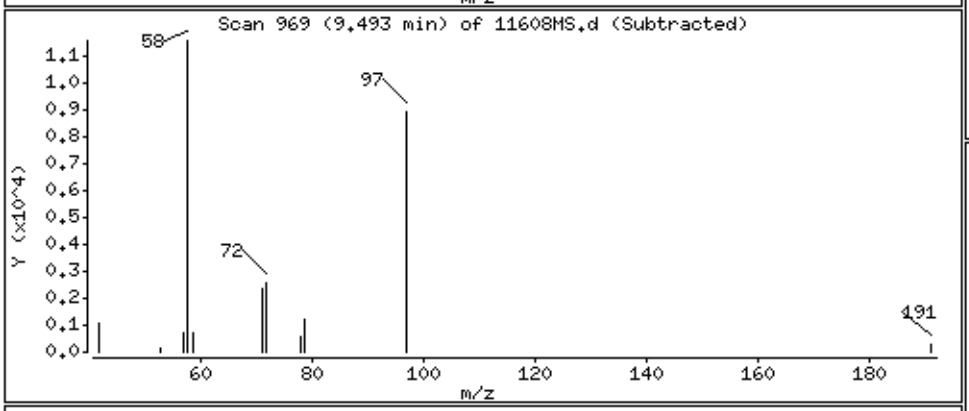
Column phase: HPMS-5

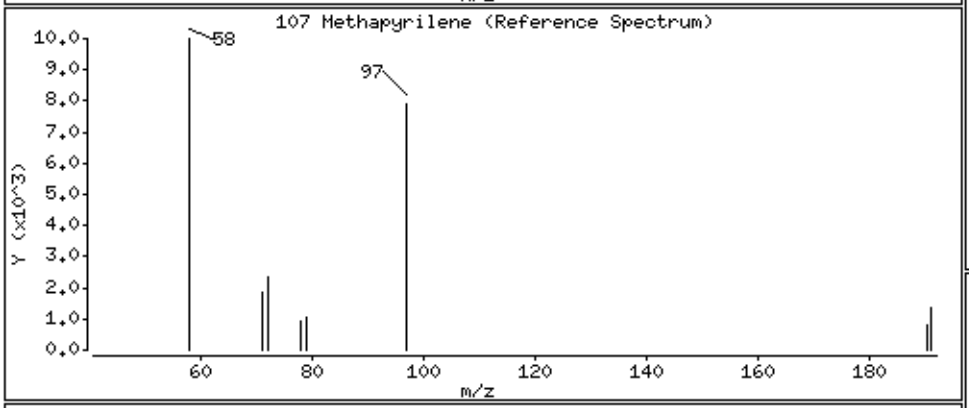
Column diameter: 0.25

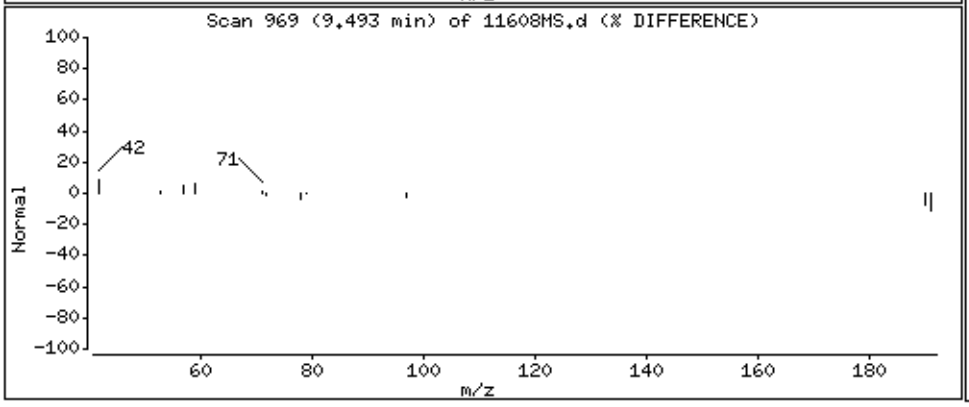
107 Methapyrilene

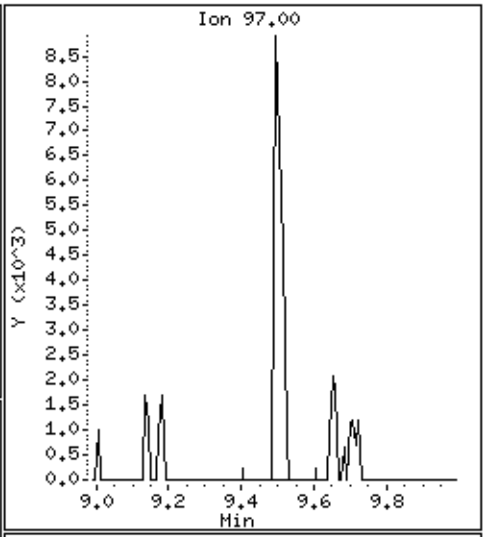
Concentration: 338 ug/kg

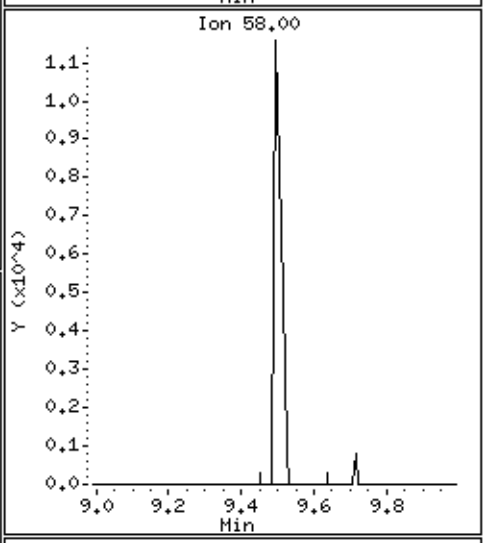


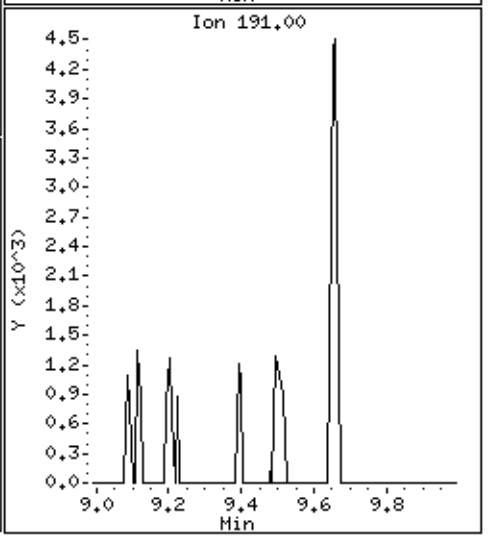












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

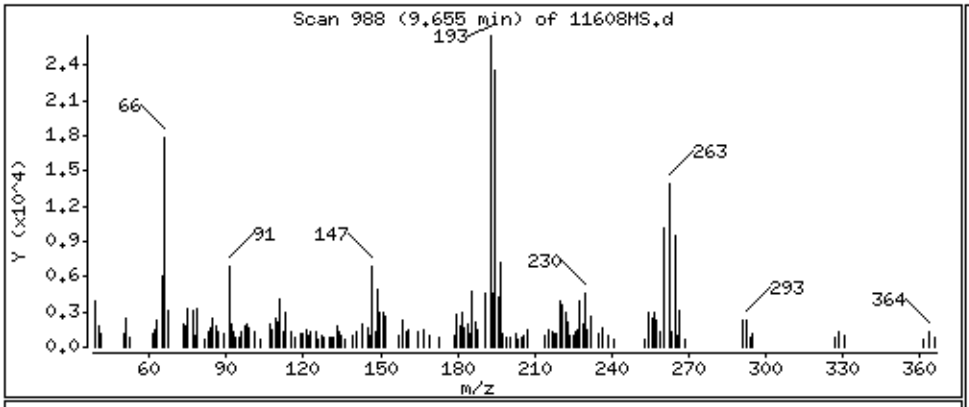
Operator: MJ

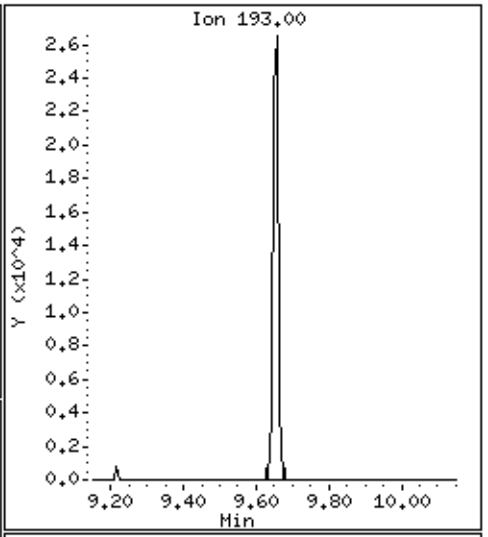
Column phase: HPMS-5

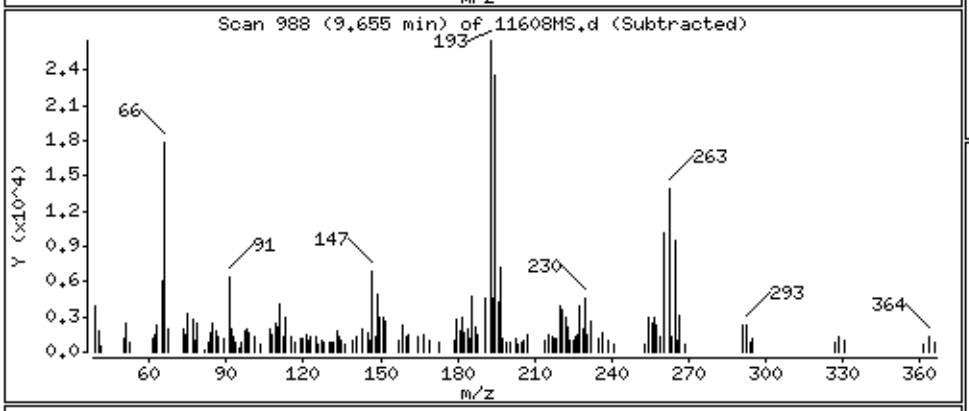
Column diameter: 0.25

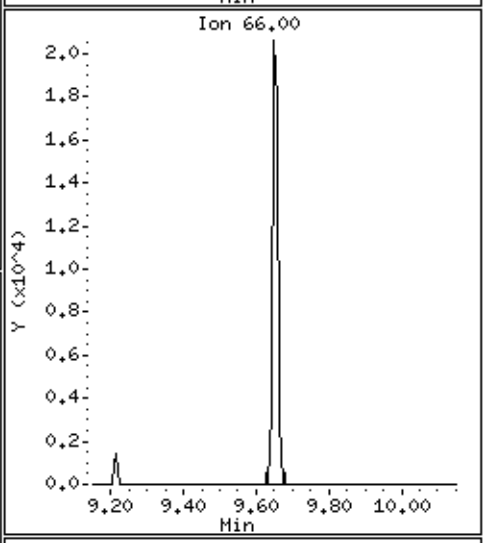
108 Isodrin

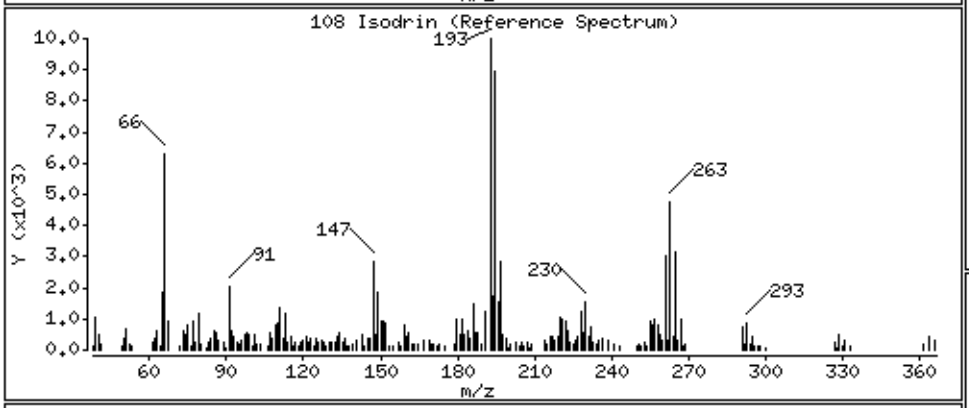
Concentration: 1790 ug/kg

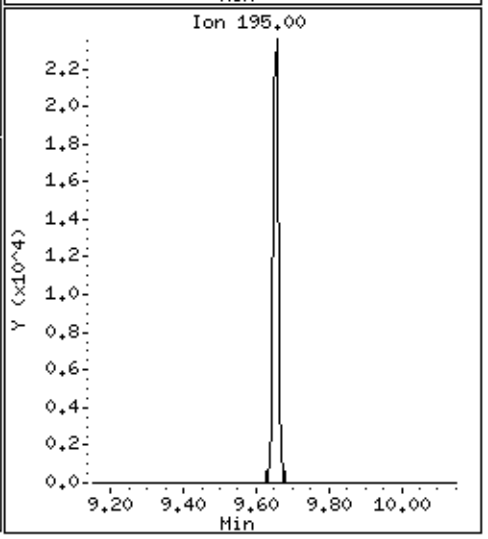


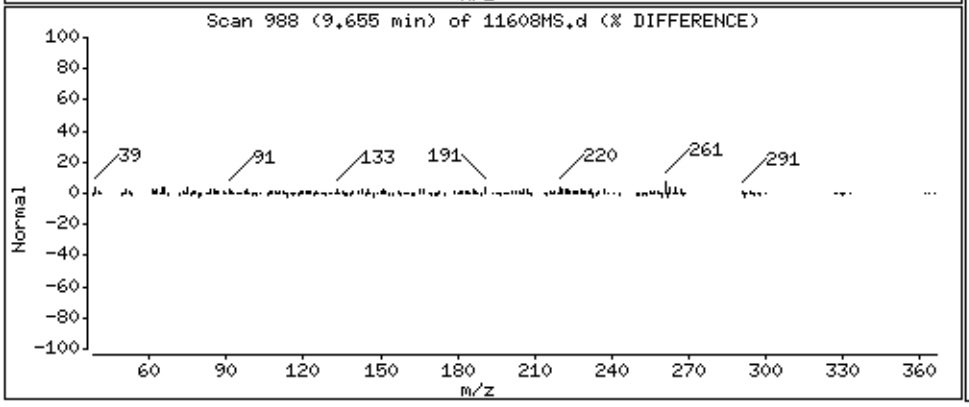












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

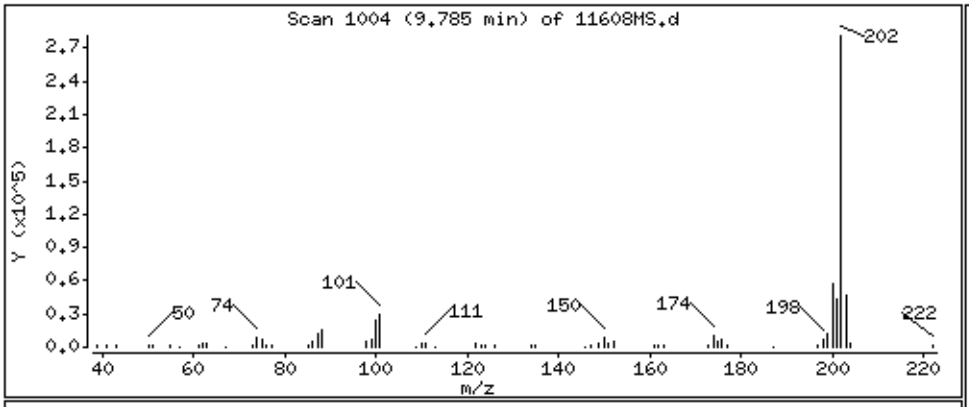
Operator: MJ

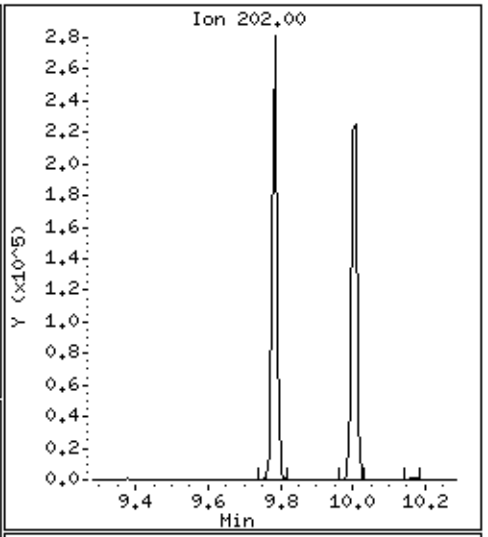
Column phase: HPMS-5

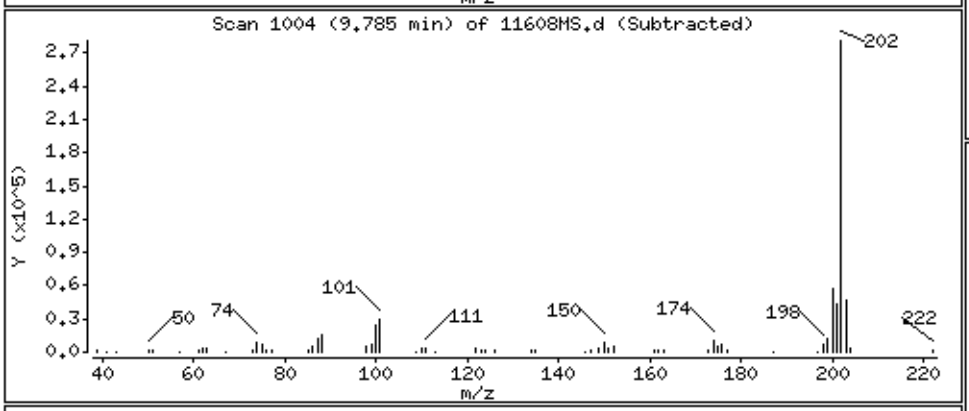
Column diameter: 0.25

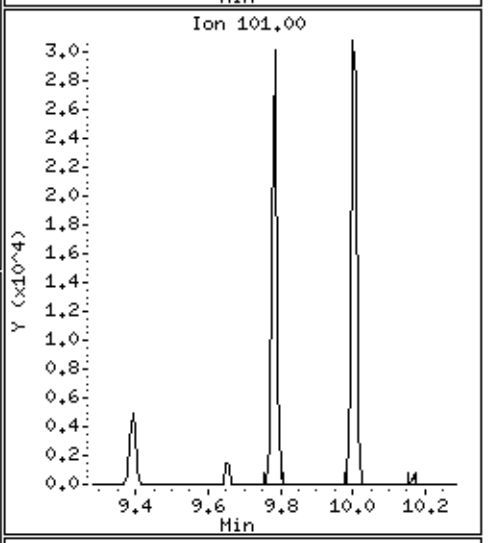
109 Fluoranthene

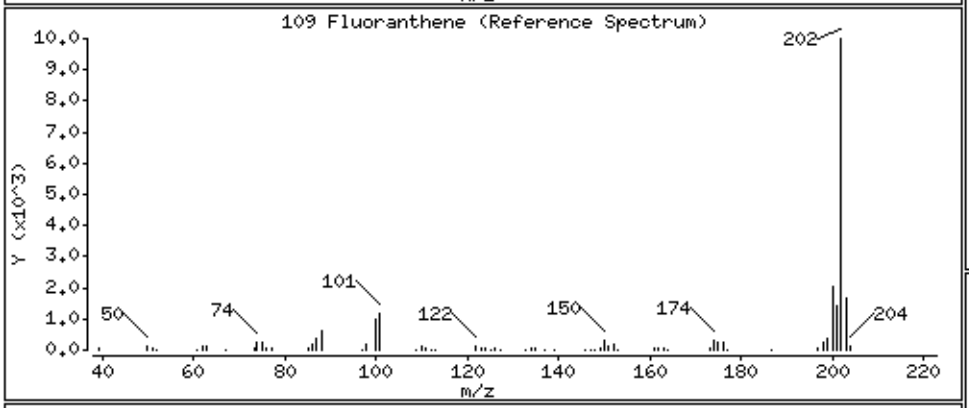
Concentration: 1980 ug/kg

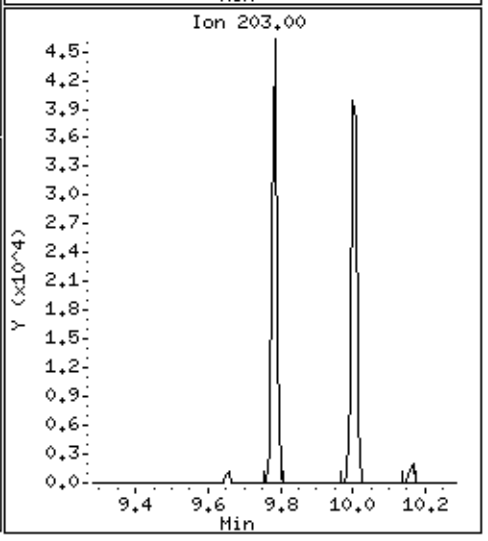


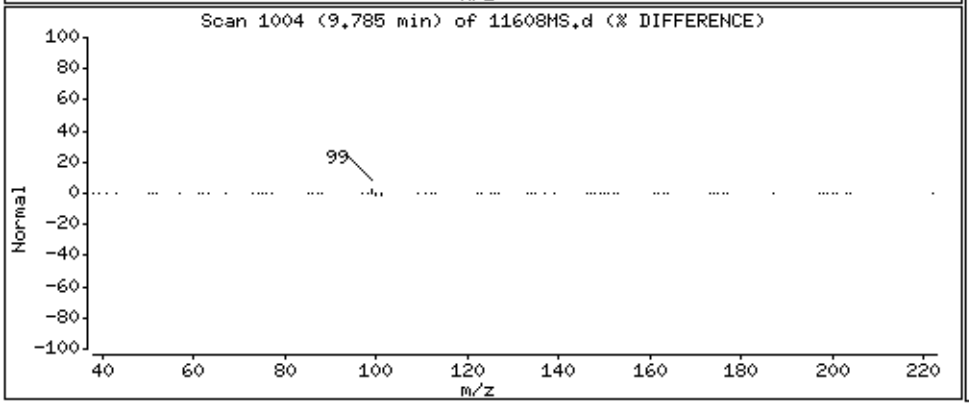












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

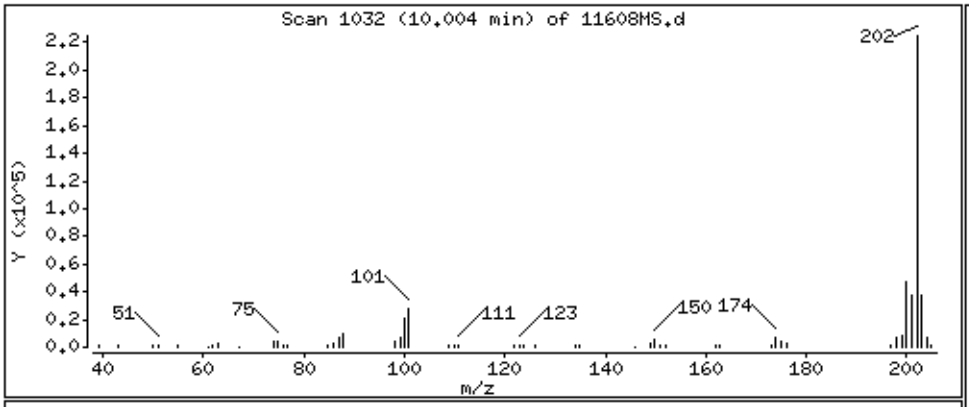
Operator: MJ

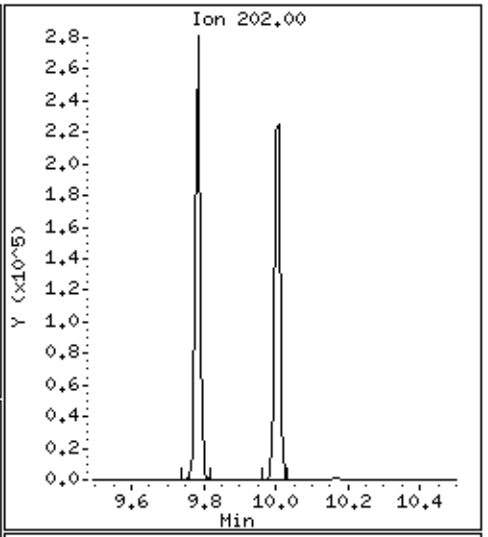
Column phase: HPMS-5

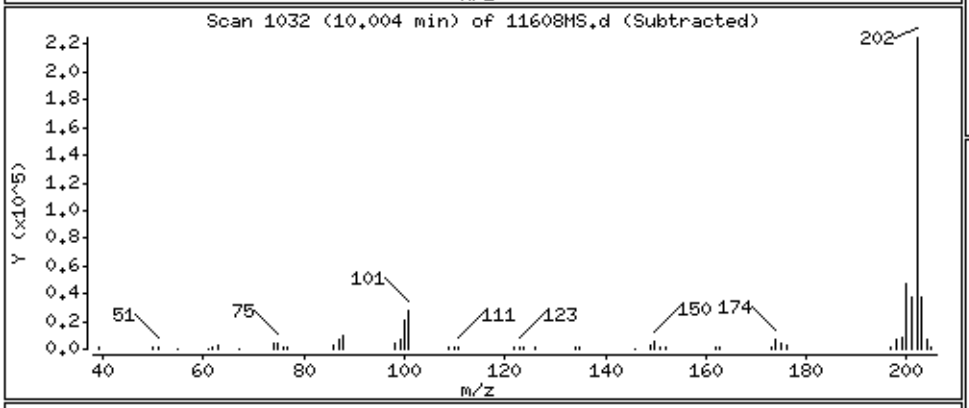
Column diameter: 0.25

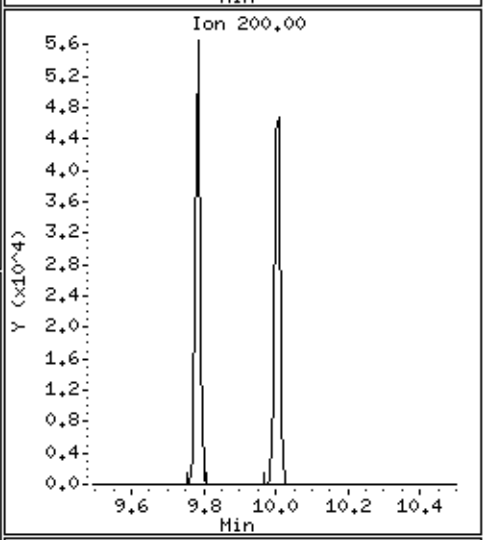
111 Pyrene

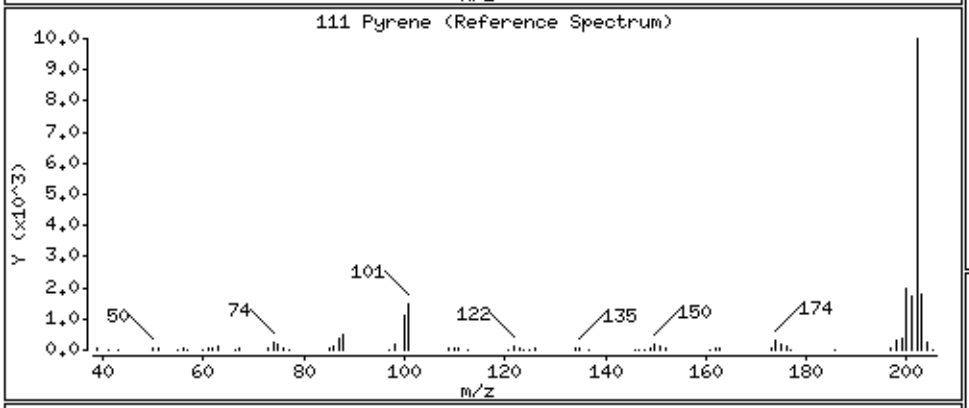
Concentration: 1860 ug/kg

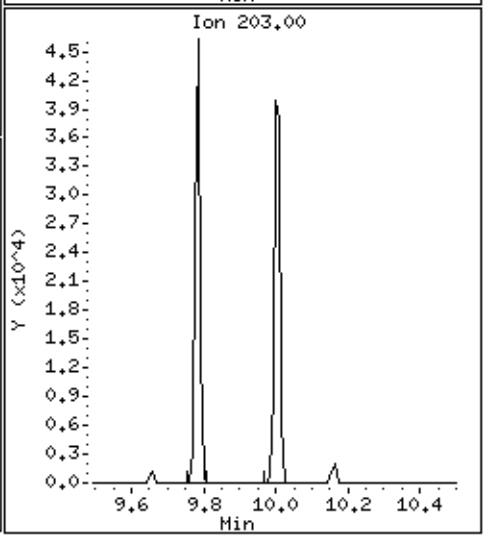


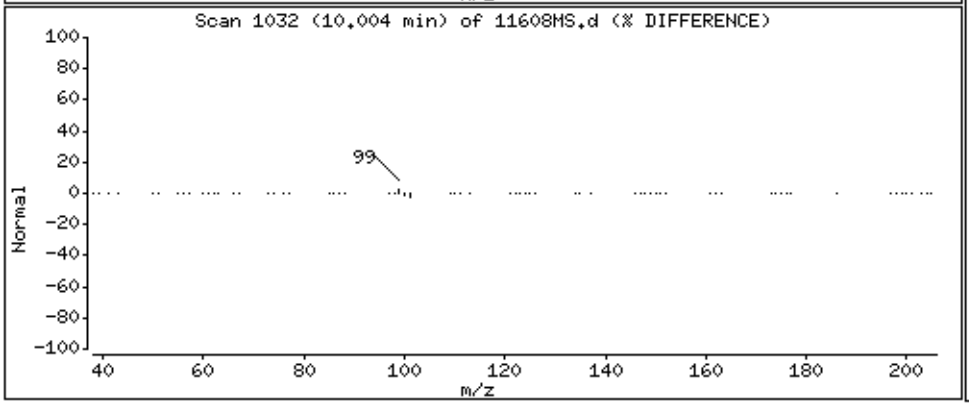












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

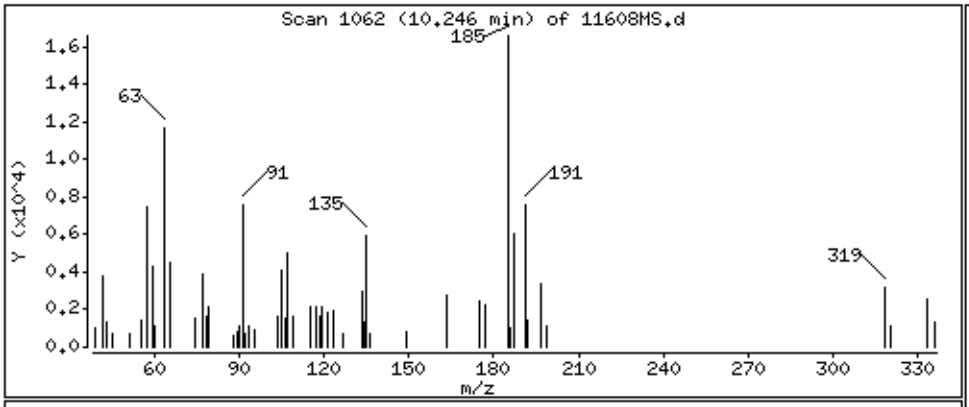
Operator: MJ

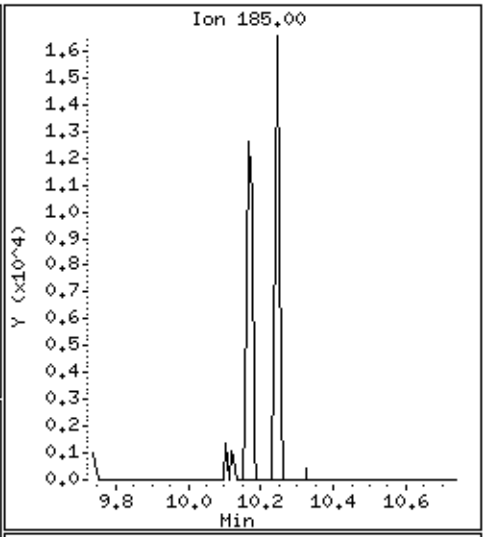
Column phase: HPMS-5

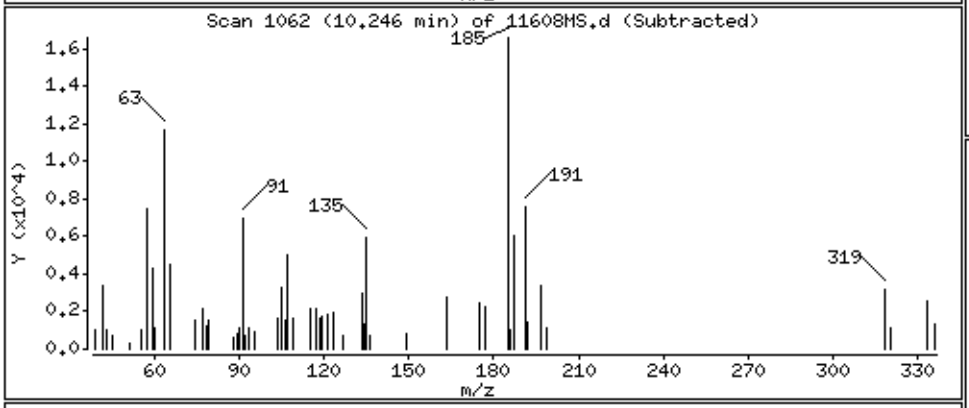
Column diameter: 0.25

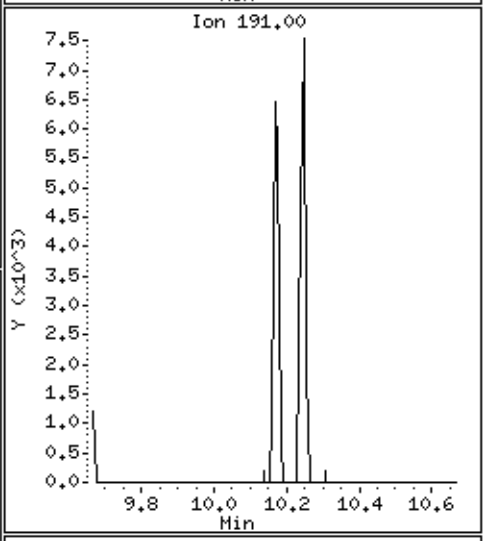
113 Aramite

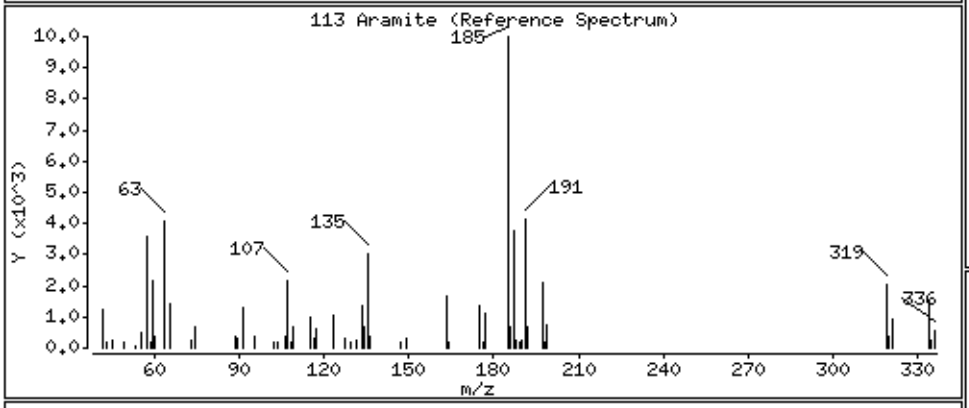
Concentration: 1300 ug/kg

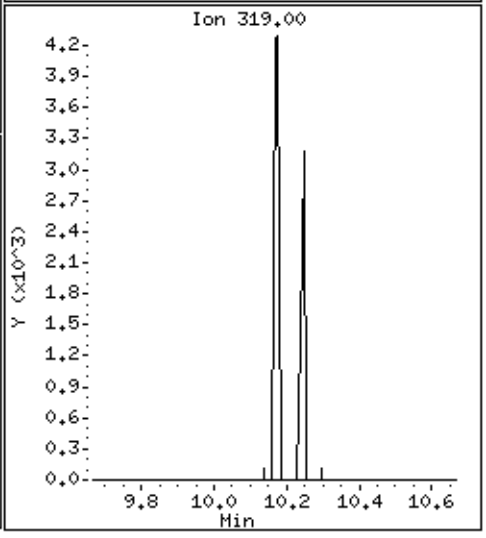


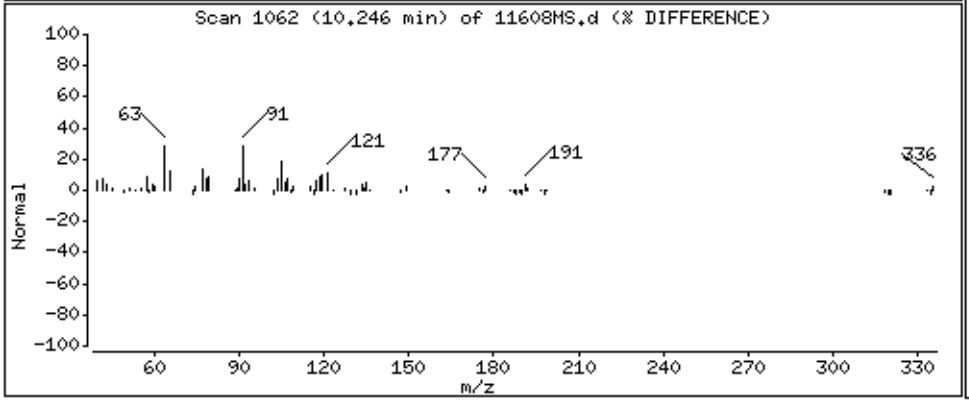












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

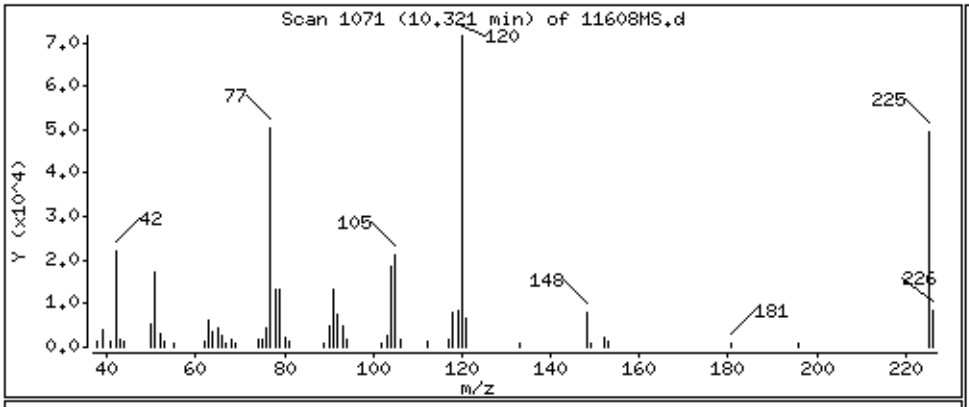
Operator: MJ

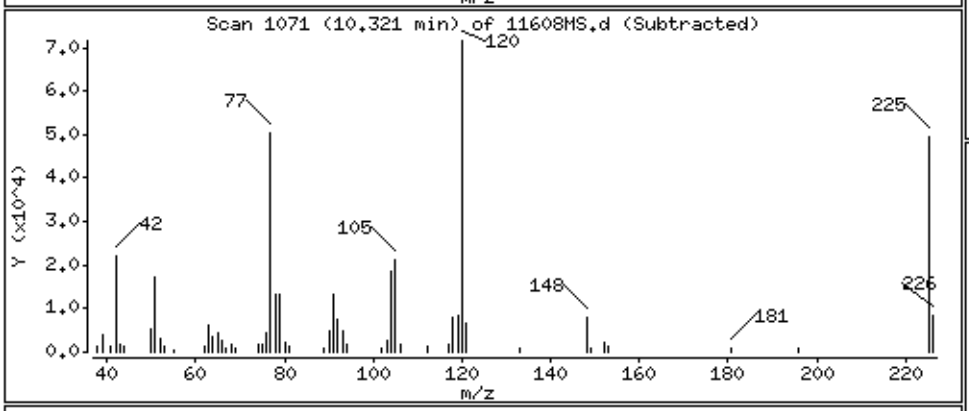
Column phase: HPMS-5

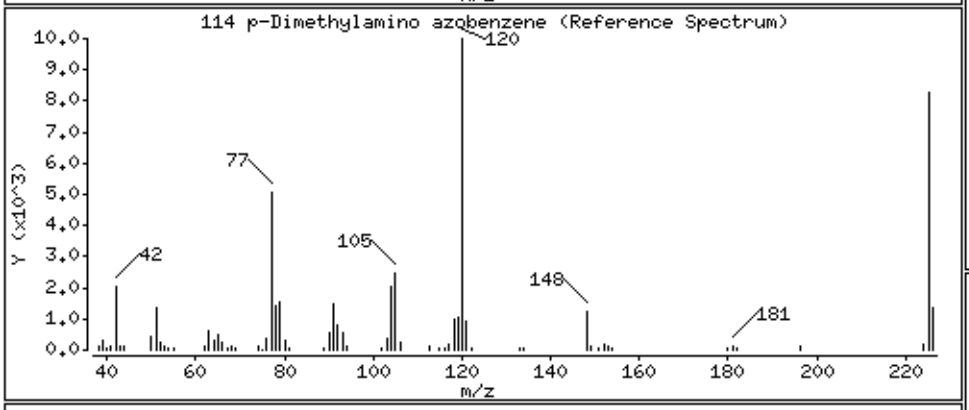
Column diameter: 0.25

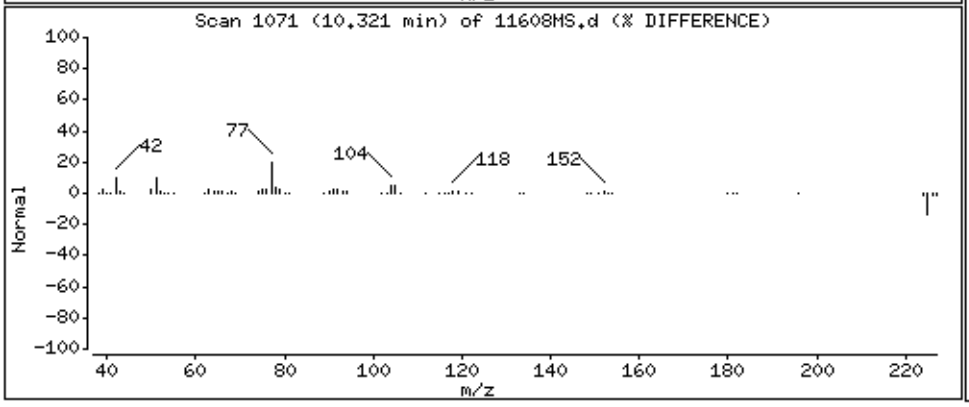
114 p-Dimethylamino azobenzene

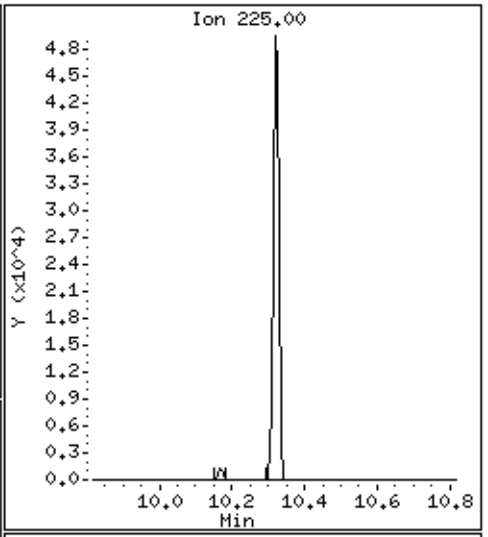
Concentration: 1540 ug/kg

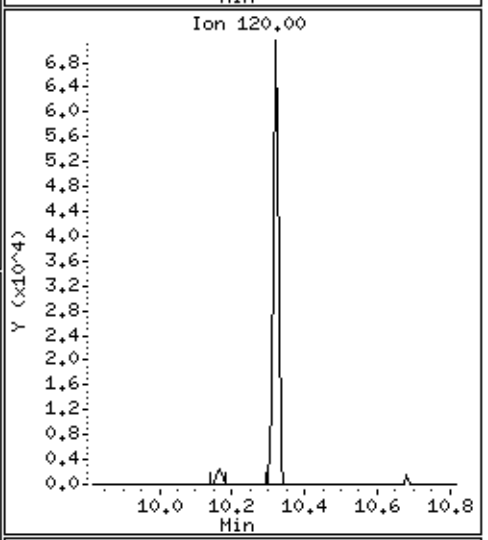


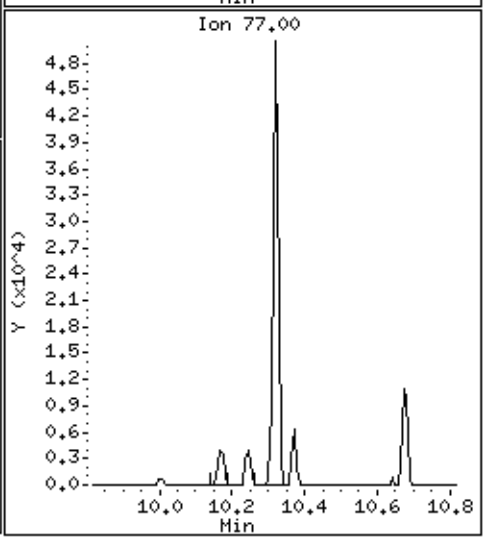












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

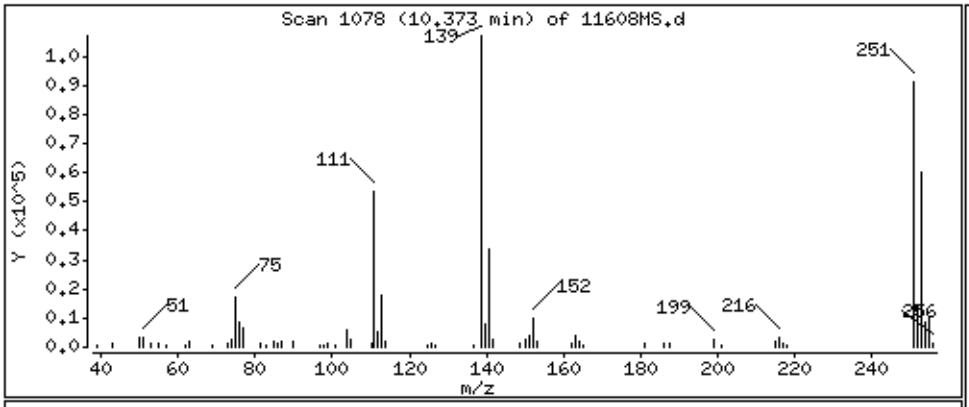
Operator: MJ

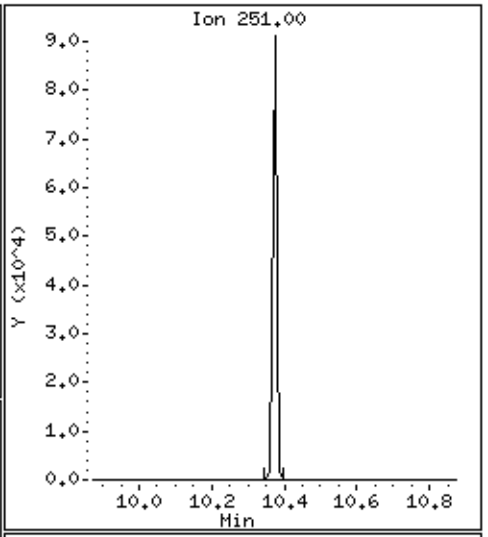
Column phase: HPMS-5

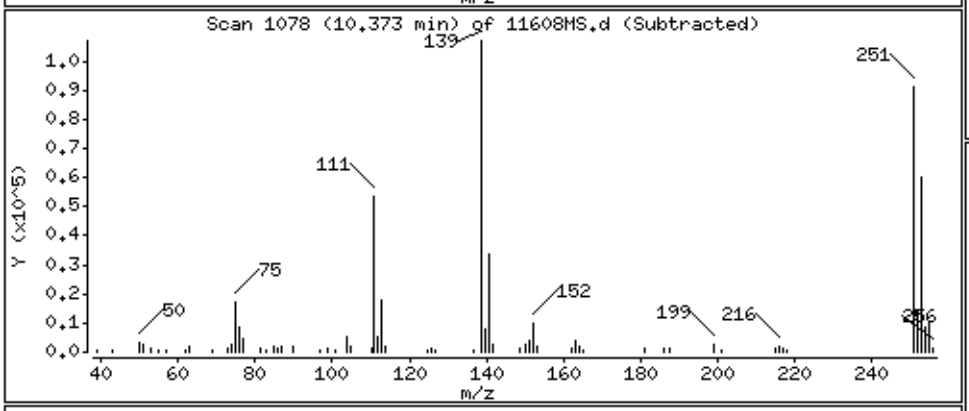
Column diameter: 0.25

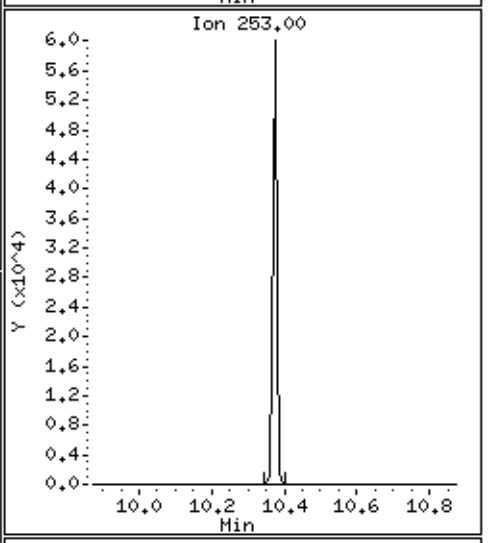
115 Chlorobenzilate

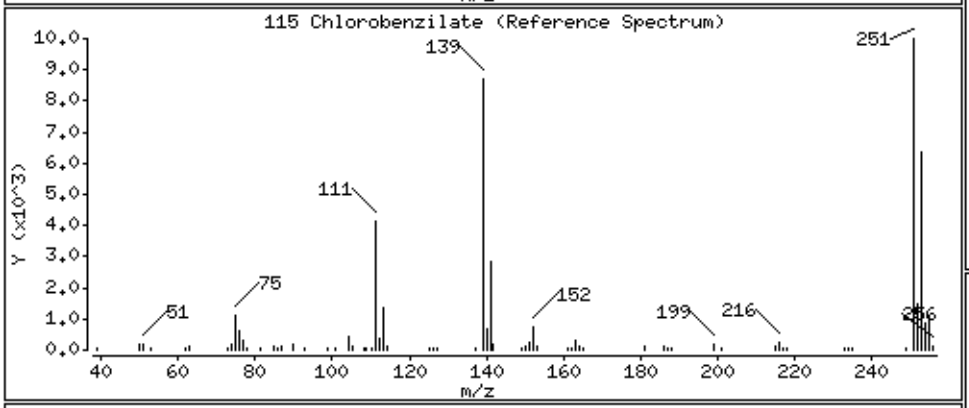
Concentration: 1620 ug/kg

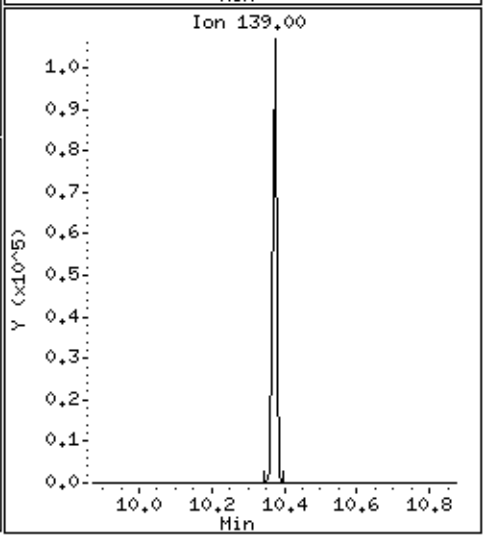


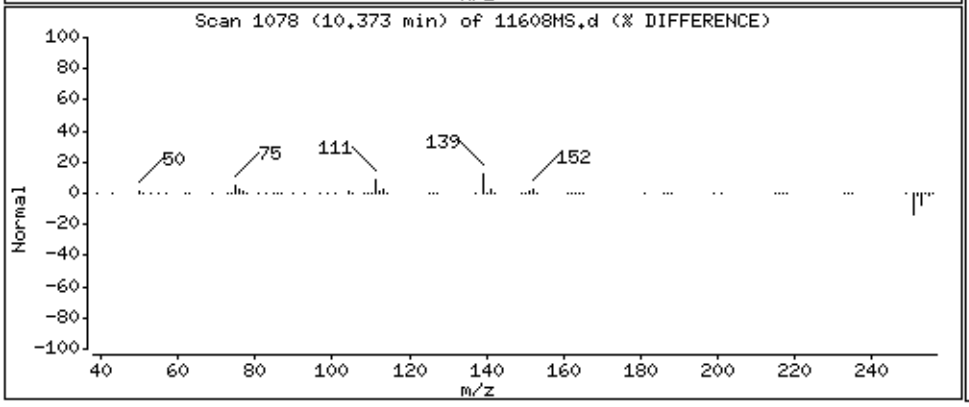












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

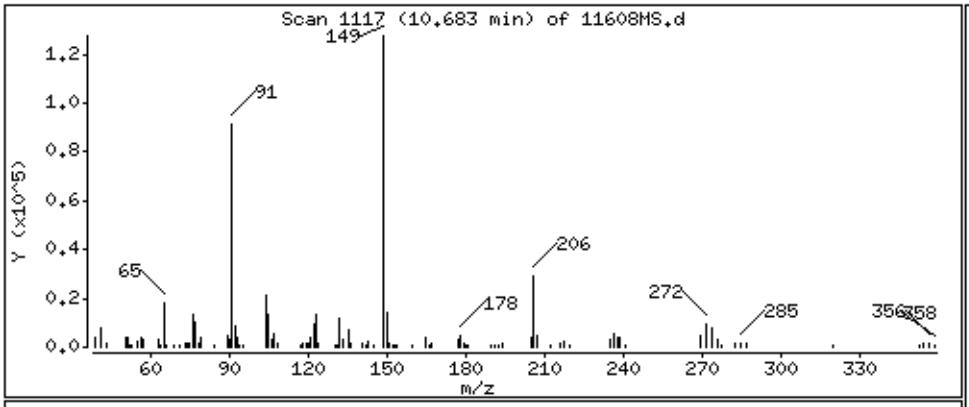
Operator: MJ

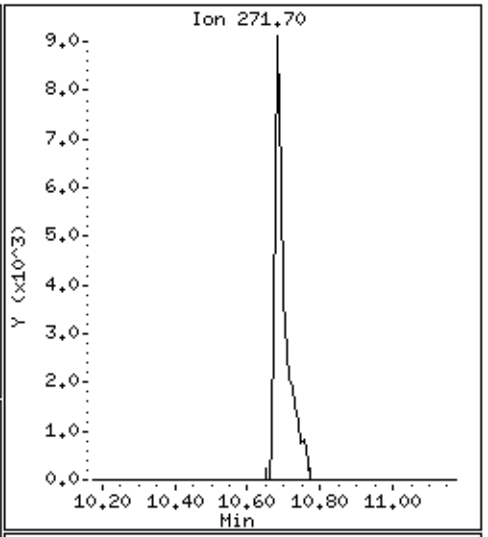
Column phase: HPMS-5

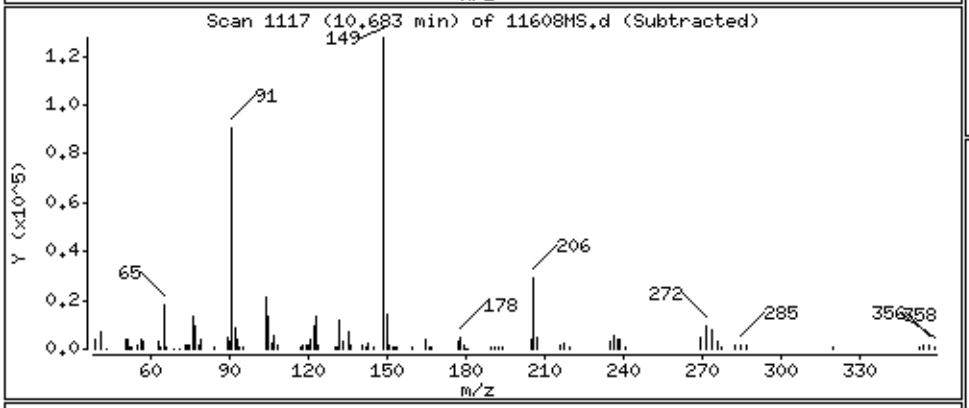
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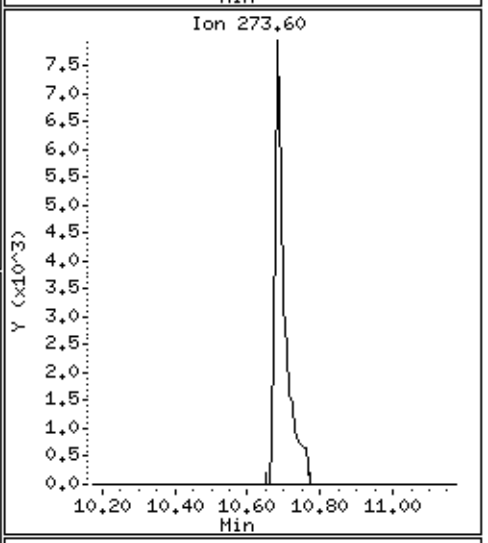
116 Kepone

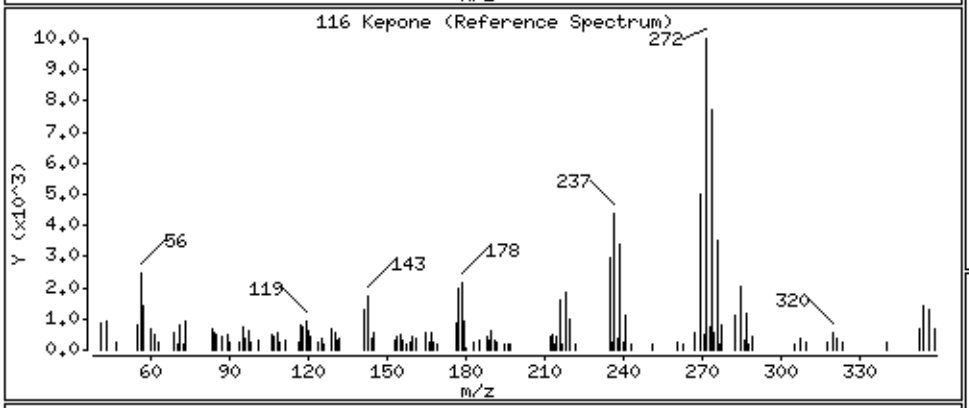
Concentration: 1340 ug/kg

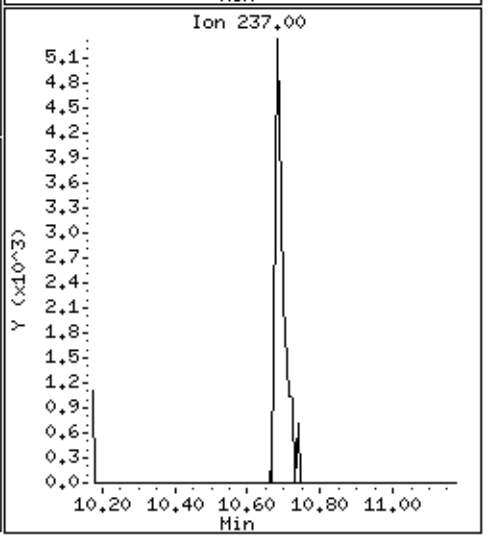


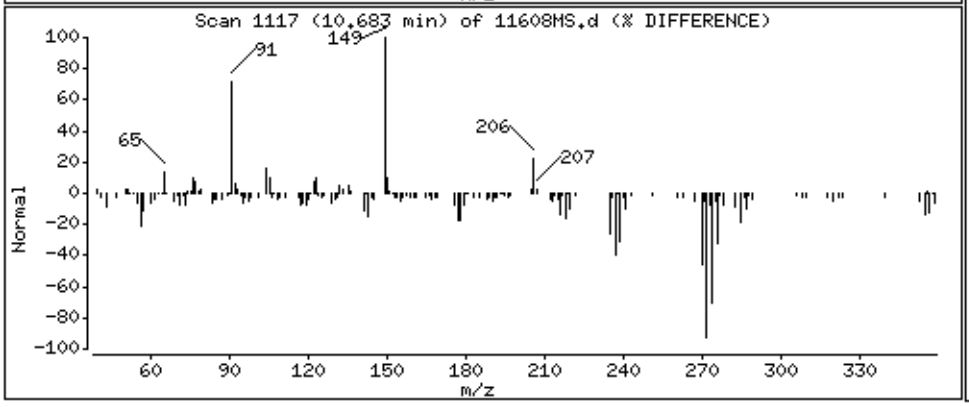












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

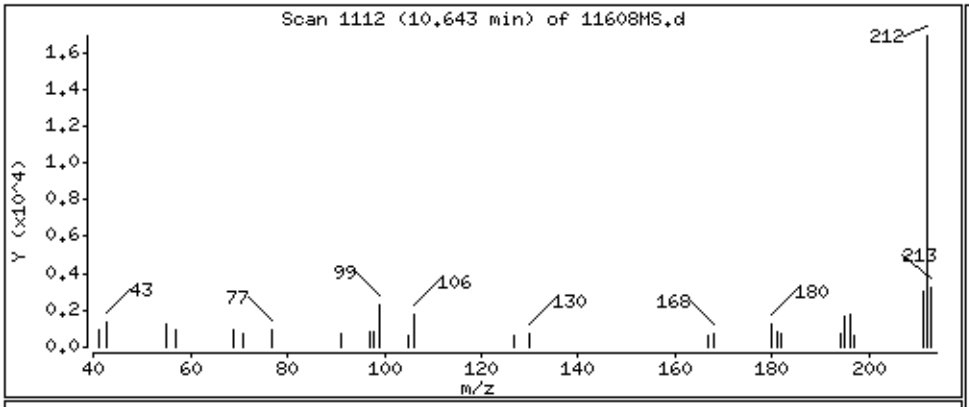
Operator: MJ

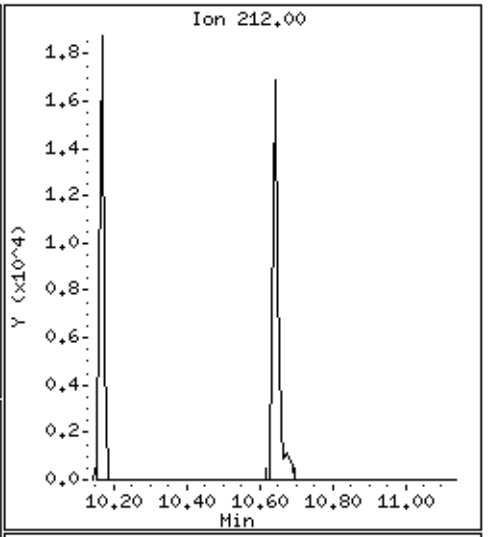
Column phase: HPMS-5

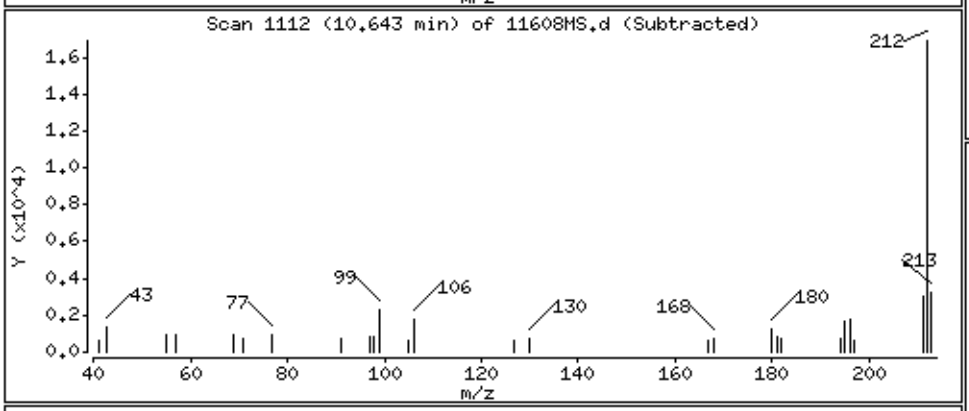
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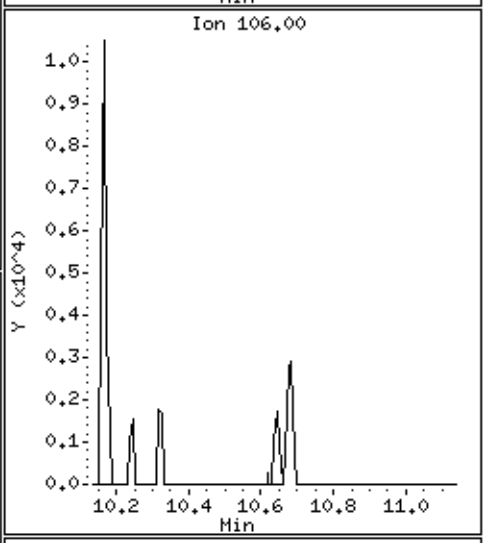
117 3,3-Dimethylbenzidine

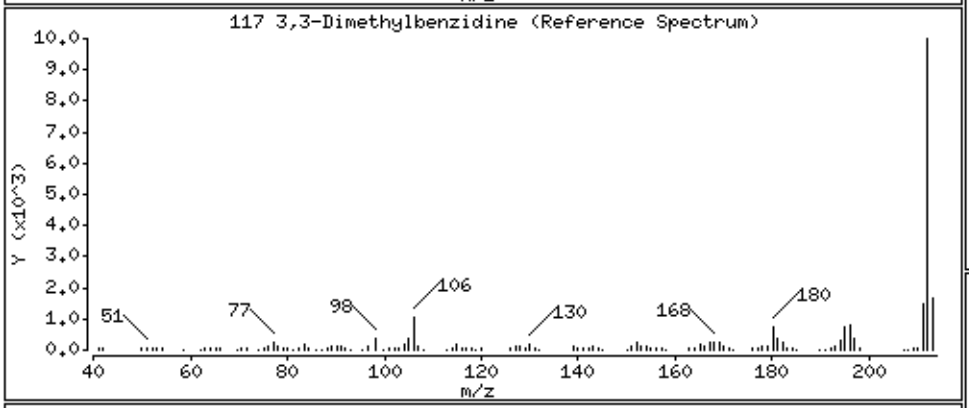
Concentration: 215 ug/kg

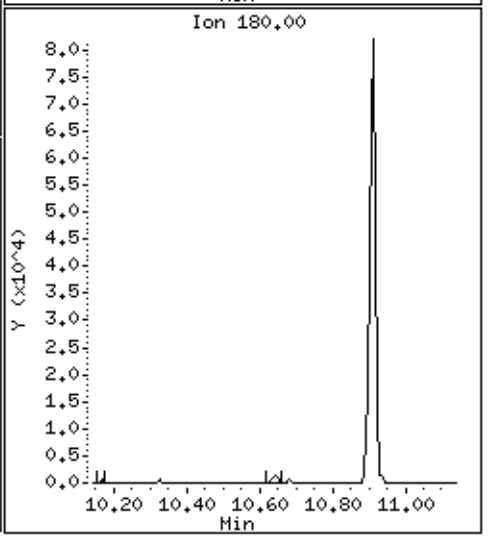


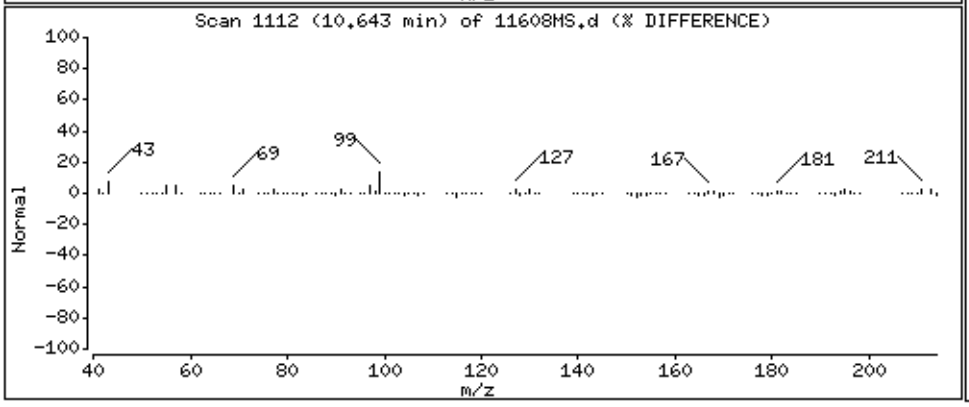












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

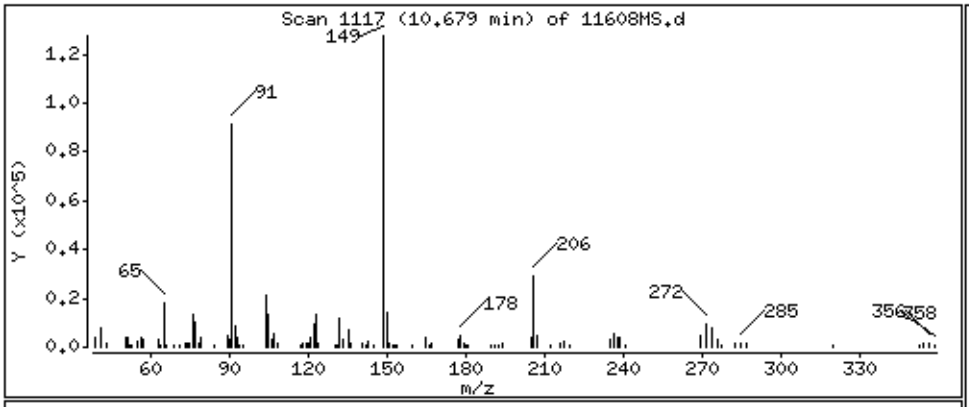
Operator: MJ

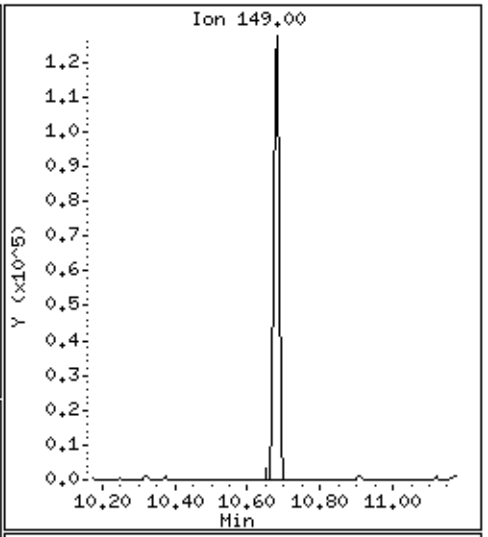
Column phase: HPMS-5

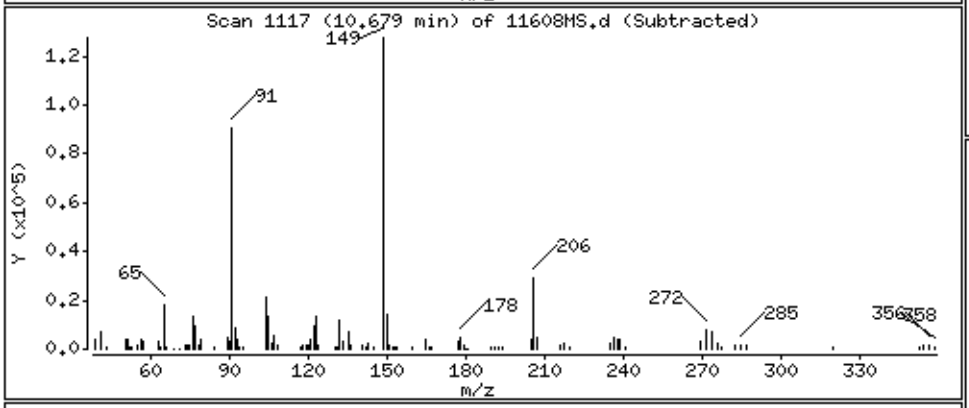
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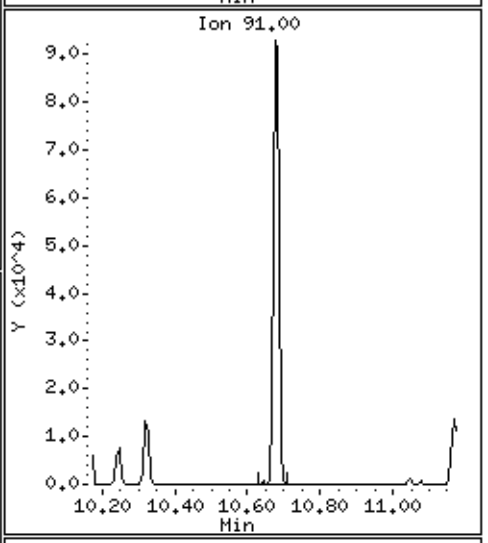
118 Butylbenzylphthalate

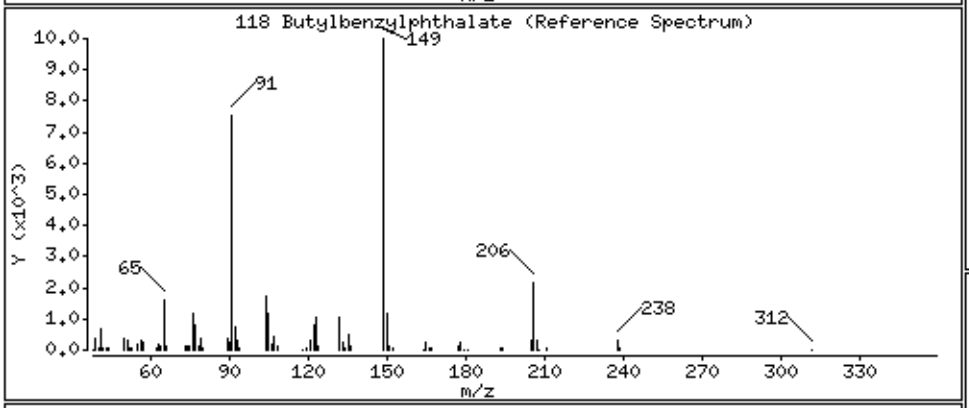
Concentration: 2010 ug/kg

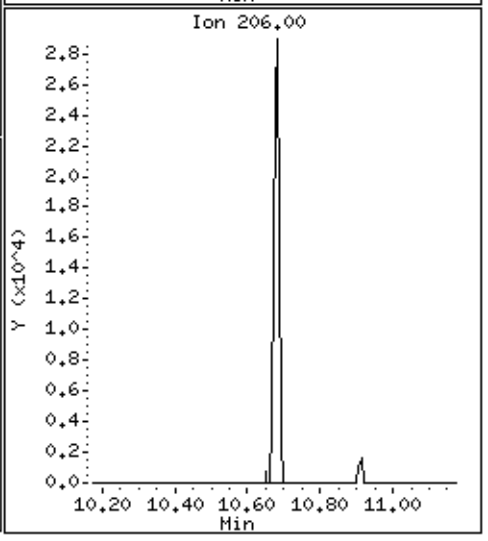


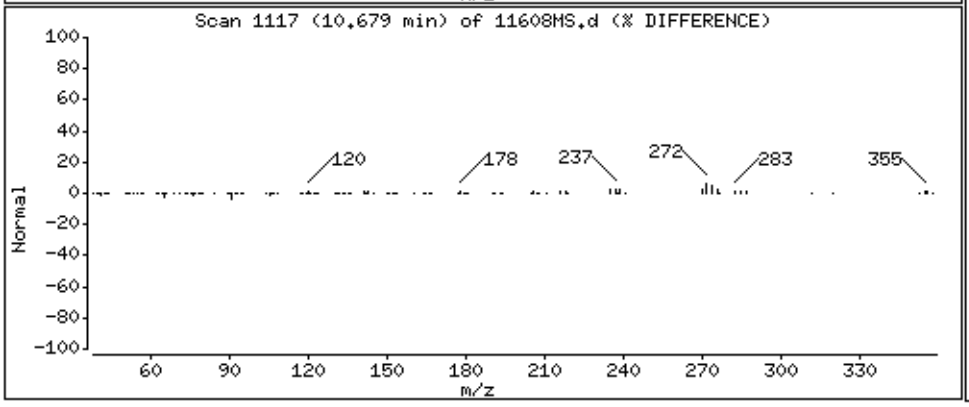












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

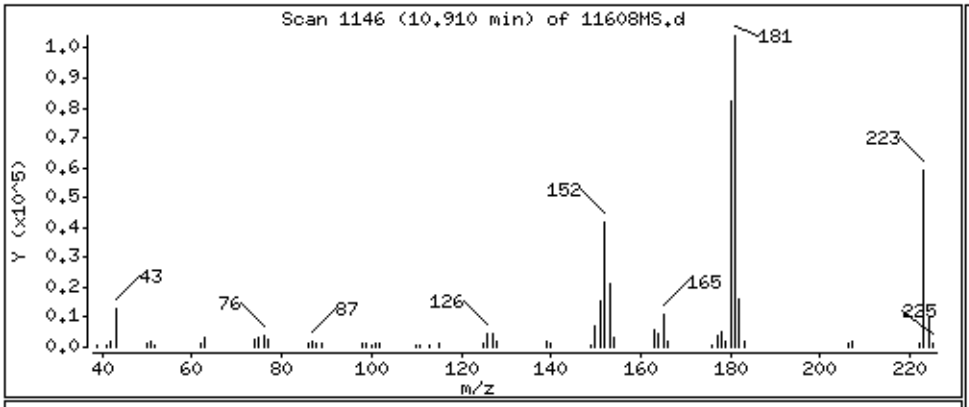
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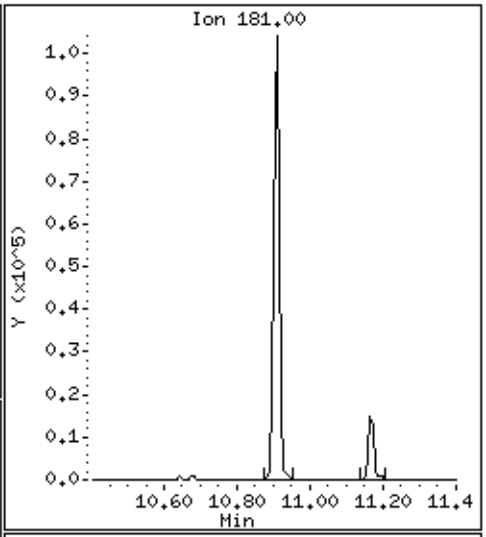
Column phase: HPMS-5

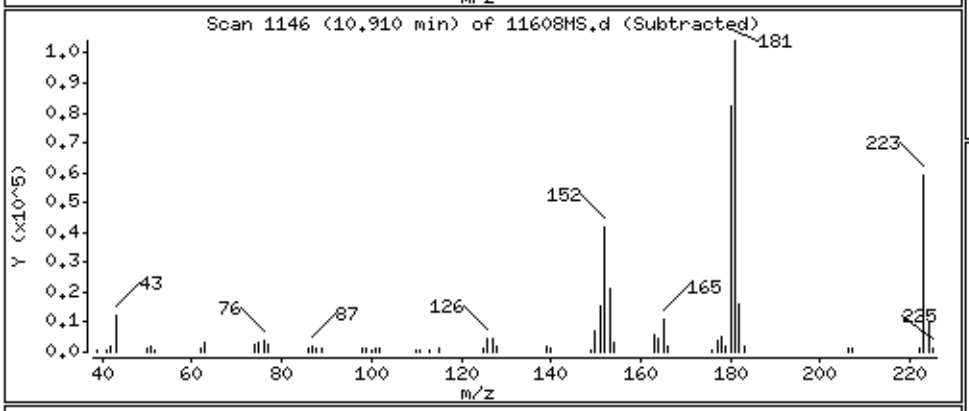
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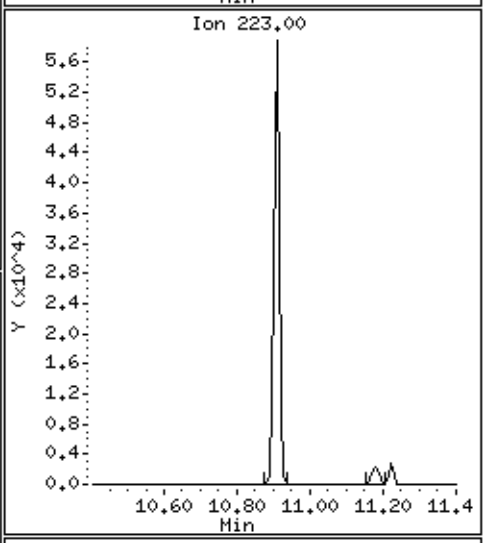
119 2-Acetylaminofluorene

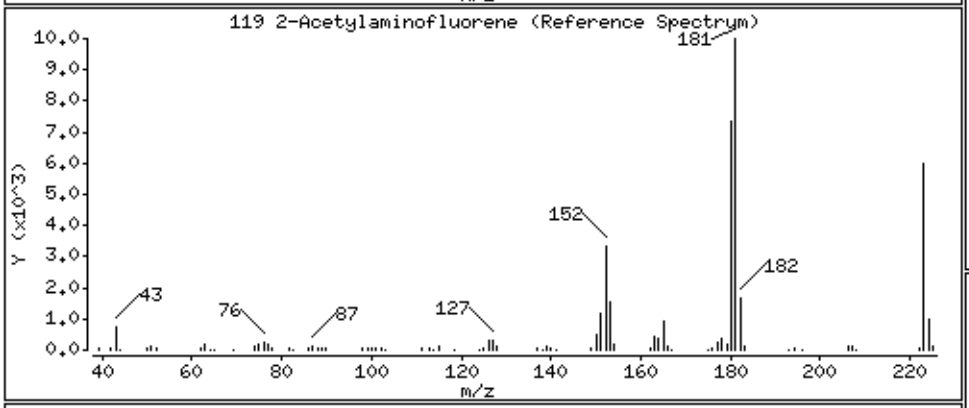
Concentration: 1690 ug/kg

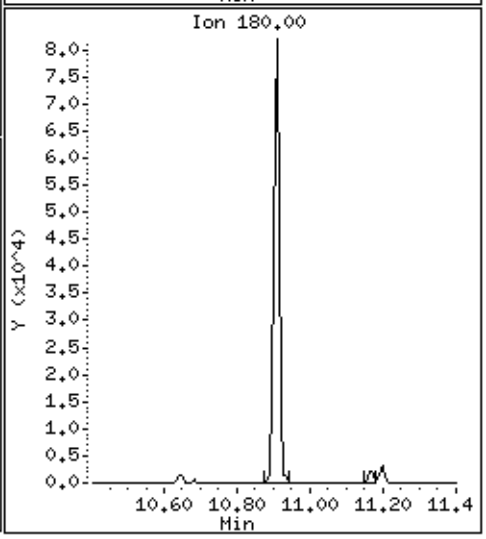


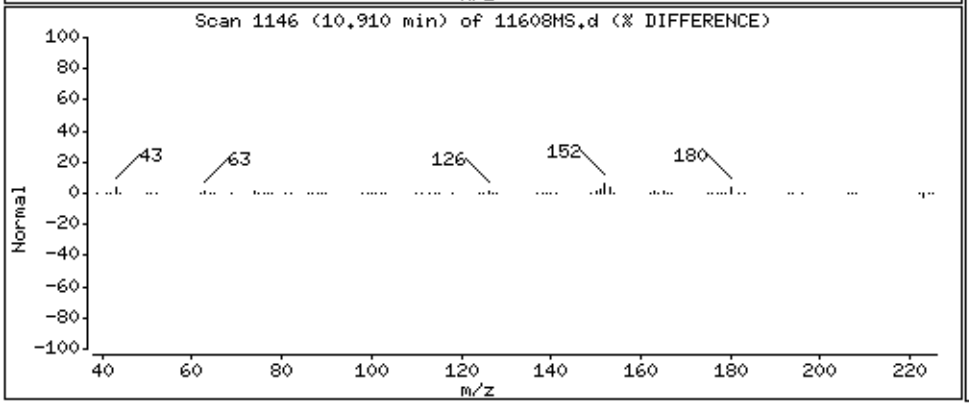












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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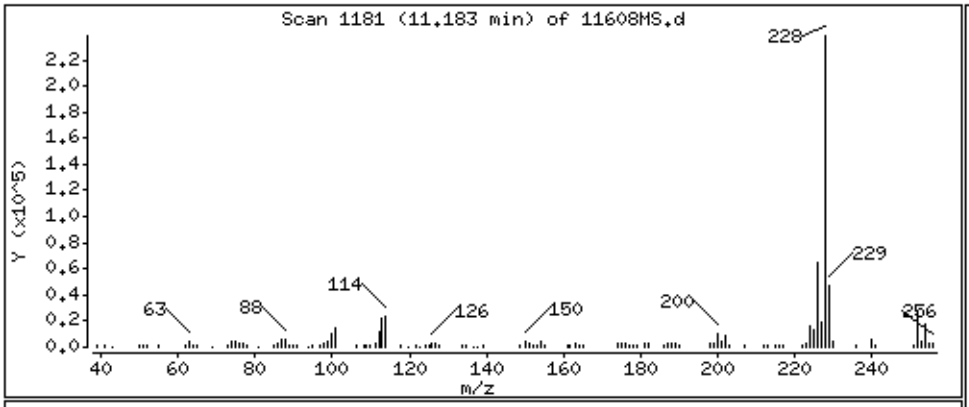
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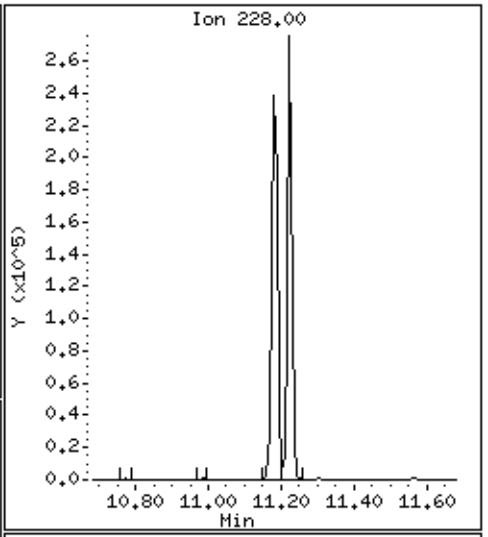
Column phase: HPMS-5

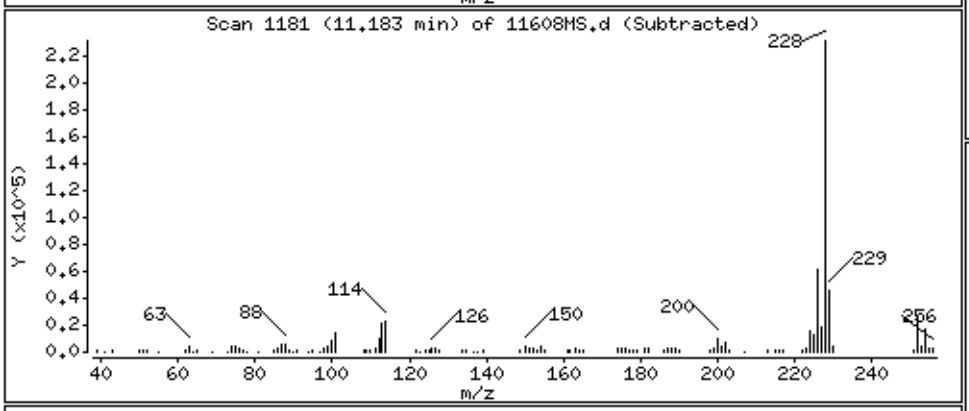
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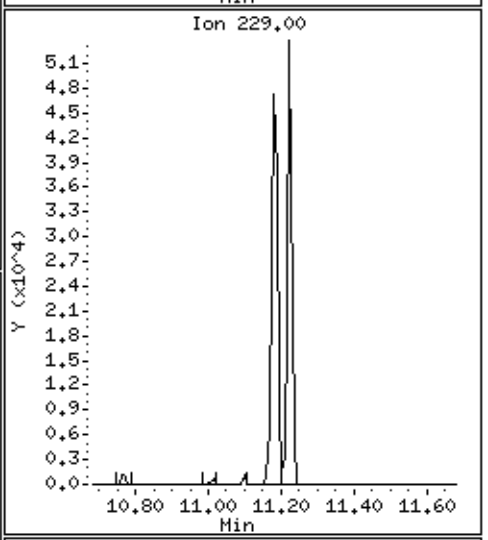
120 Benzo[a]anthracene

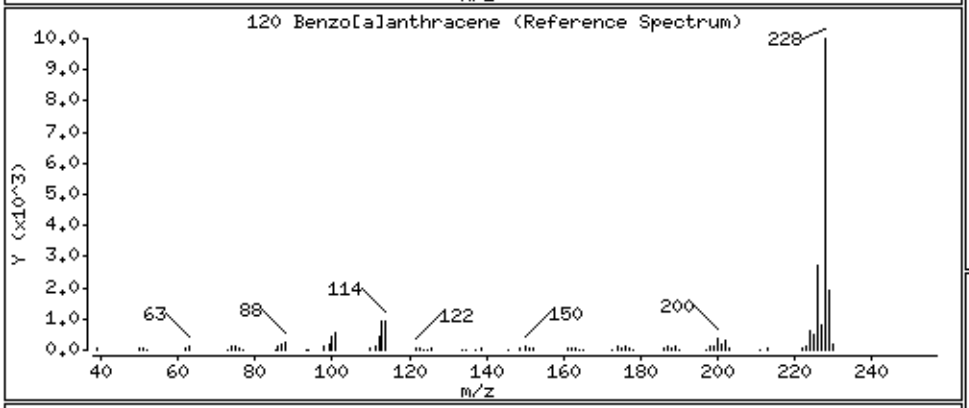
Concentration: 1960 ug/kg

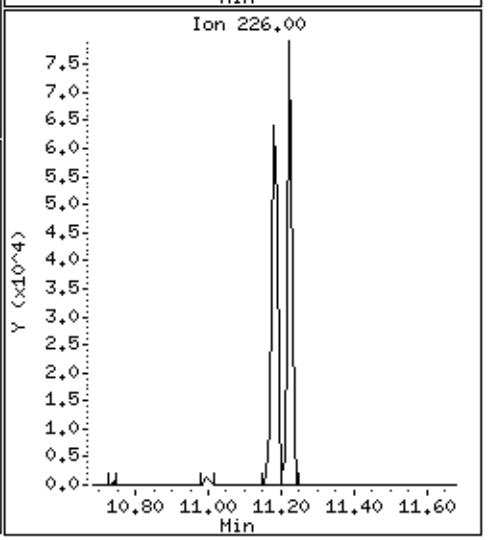


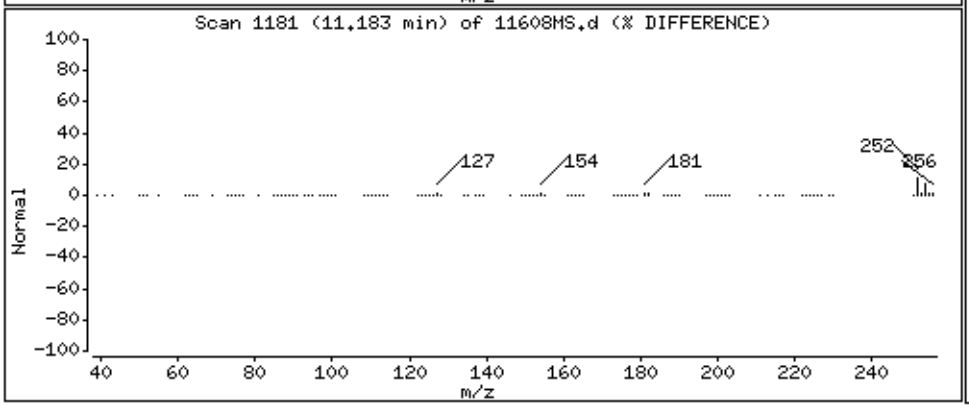












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

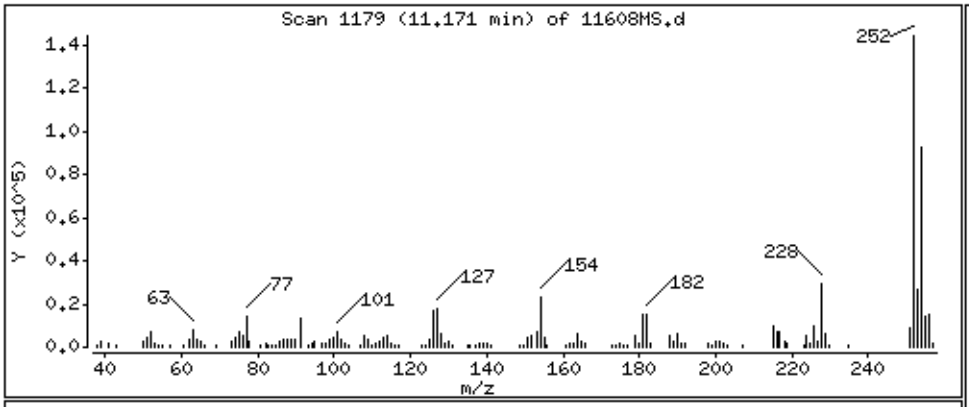
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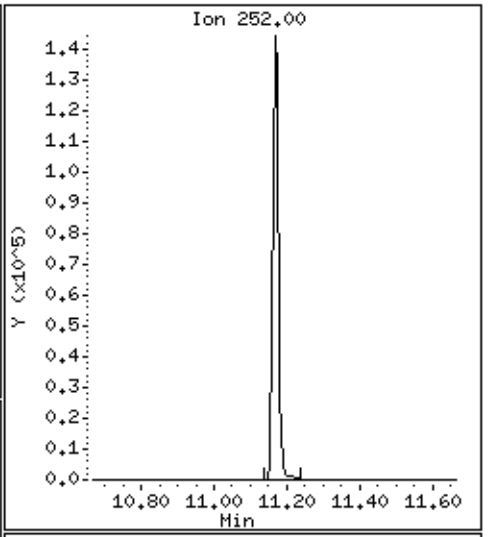
Column phase: HPMS-5

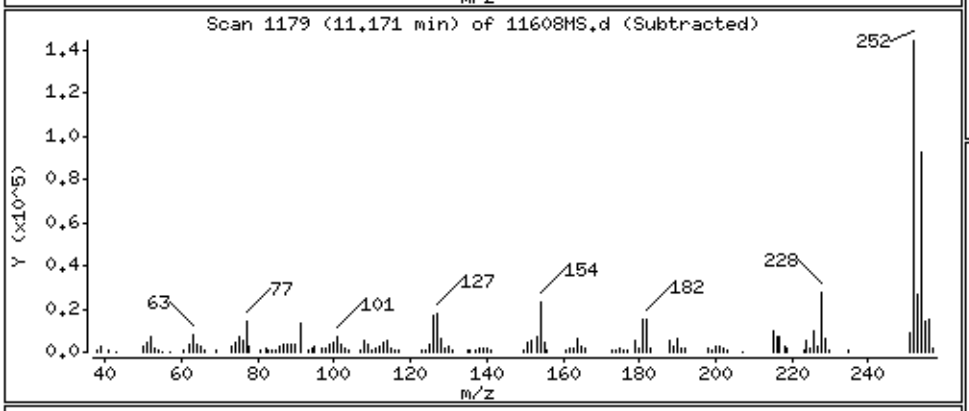
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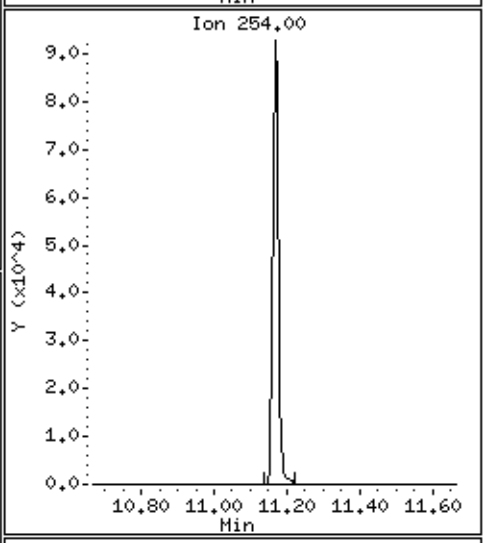
122 3,3'-Dichlorobenzidine

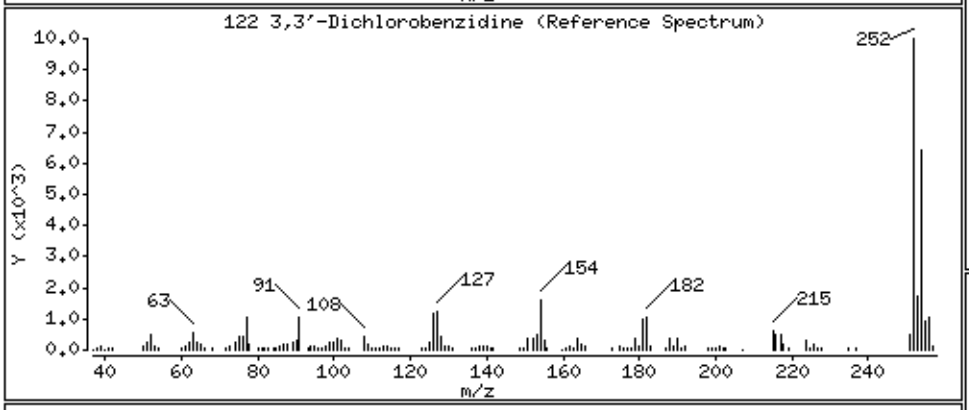
Concentration: 2840 ug/kg

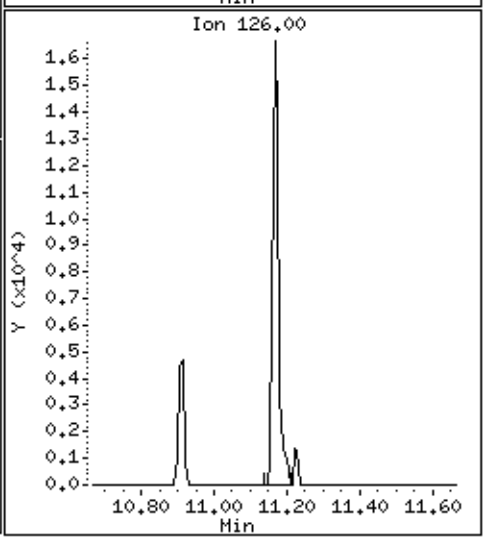


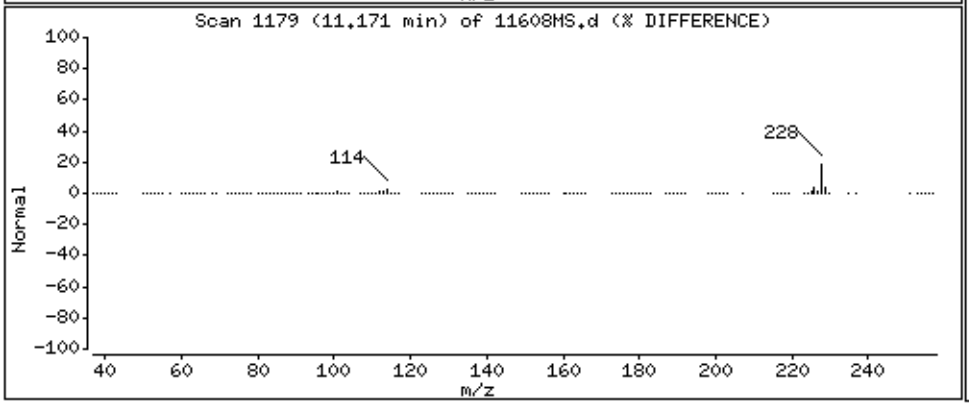












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

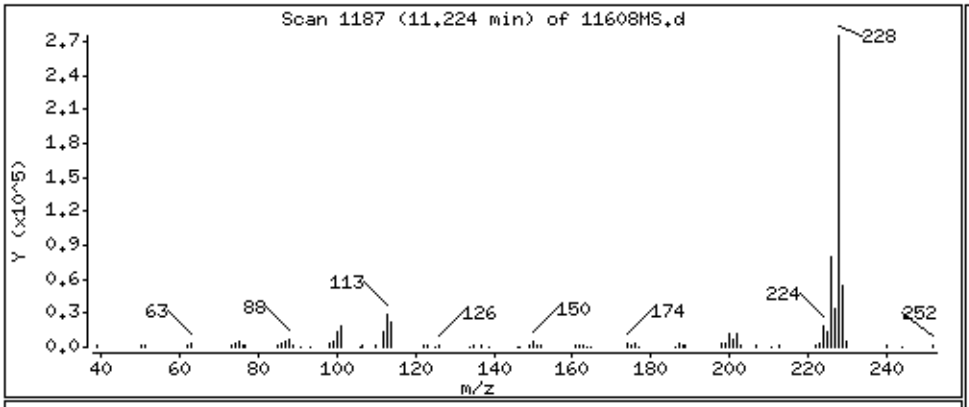
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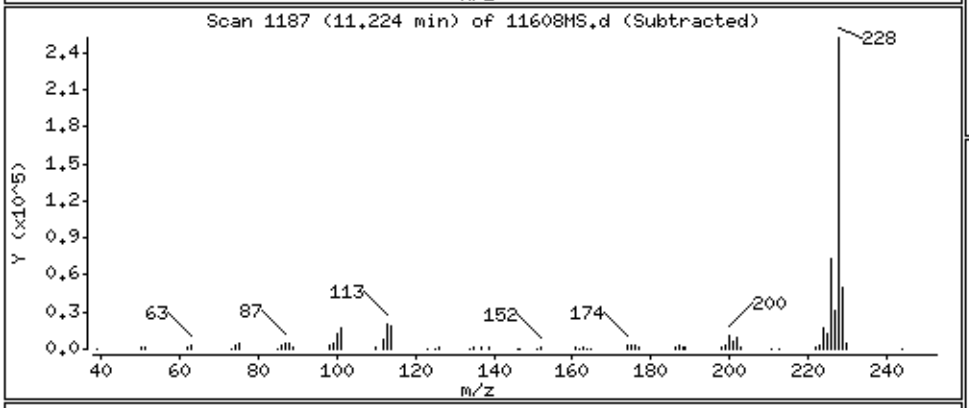
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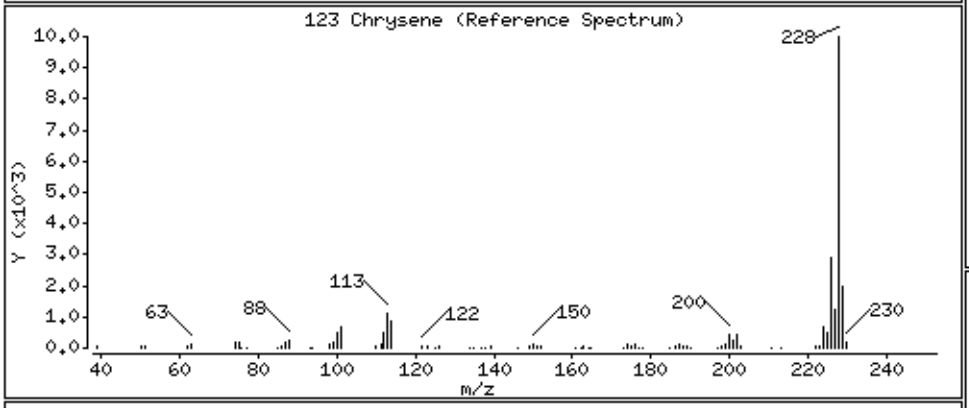
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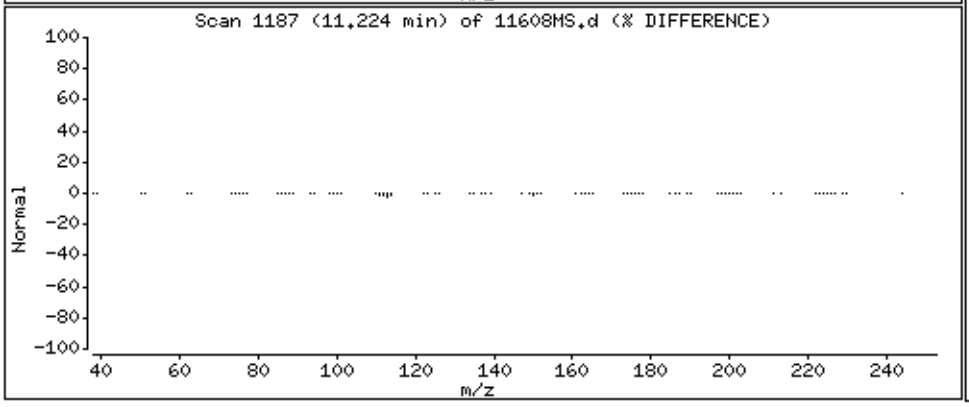
123 Chrysene

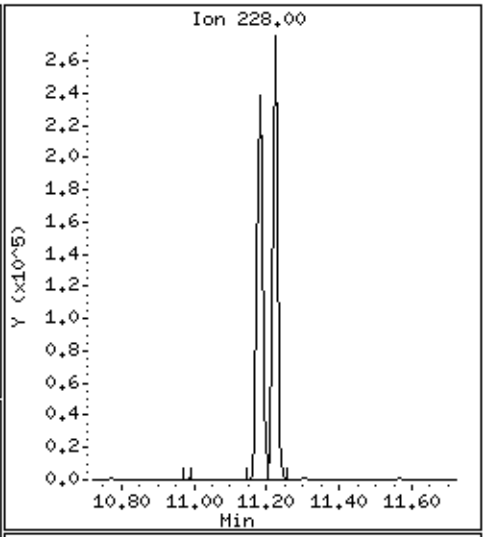
Concentration: 1920 ug/kg

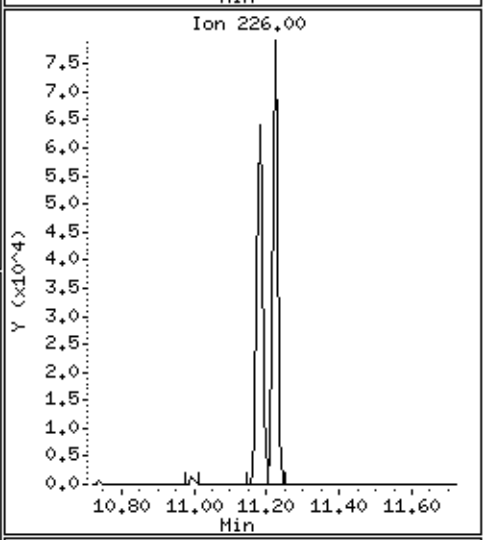


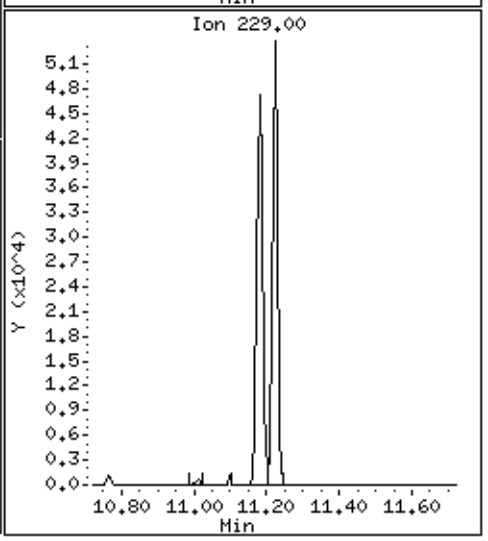












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

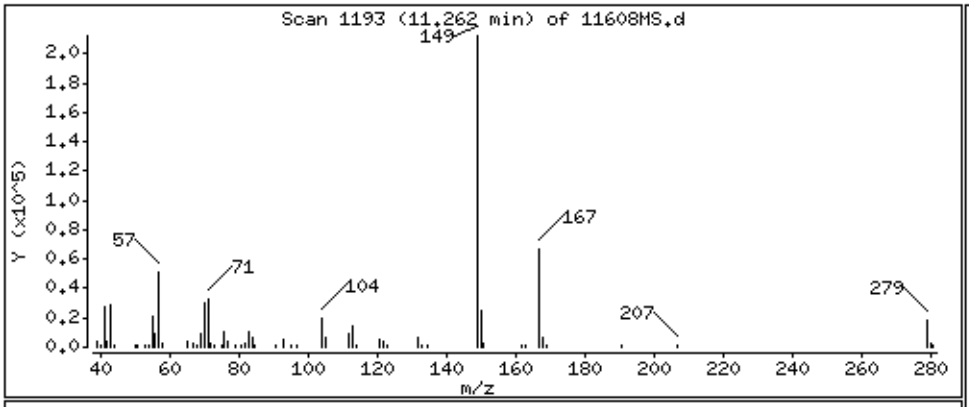
Operator: MJ

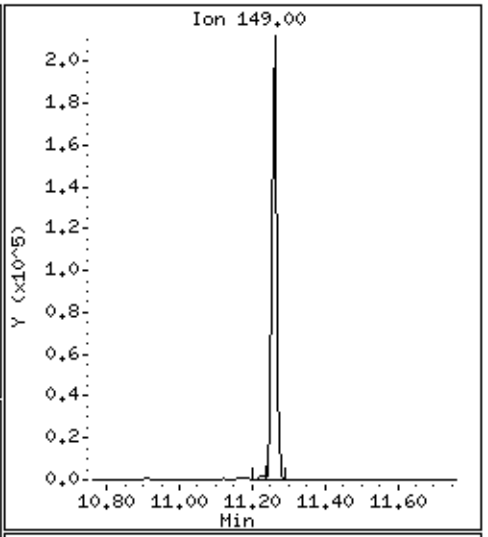
Column phase: HPMS-5

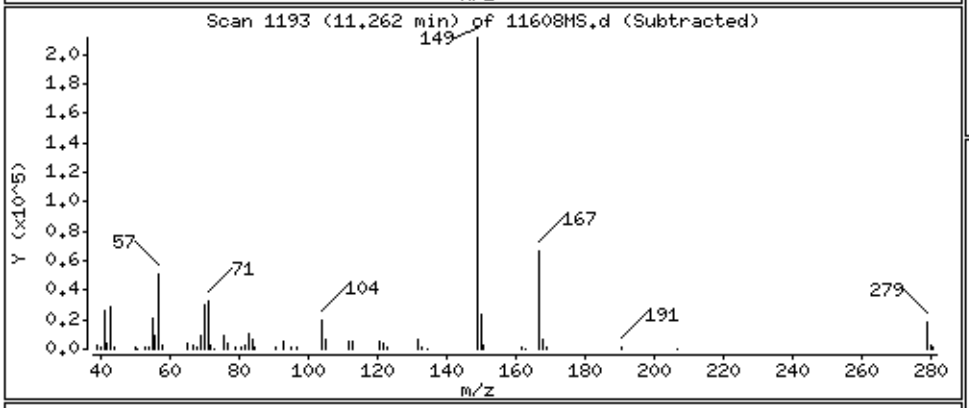
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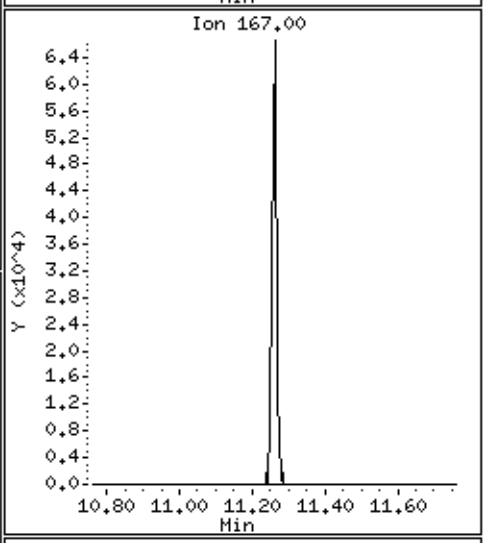
124 Bis-2-Ethylhexylphthalate

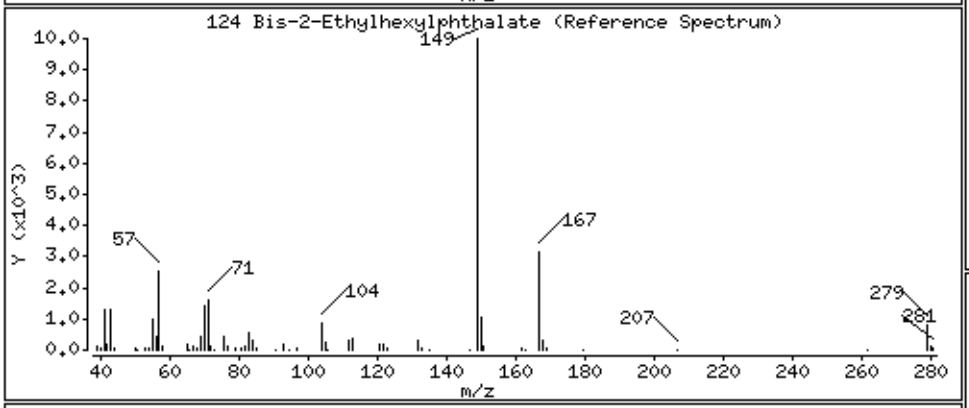
Concentration: 2170 ug/kg

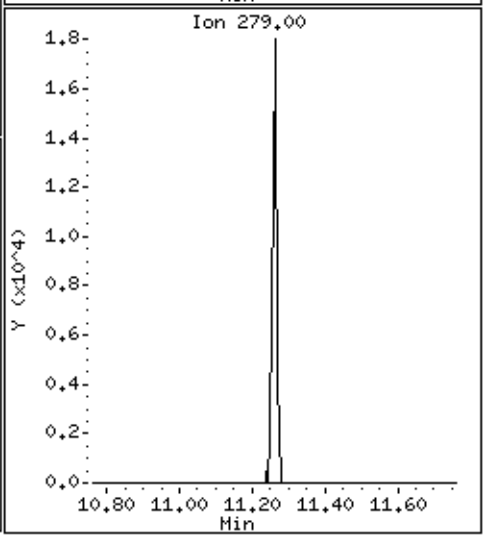


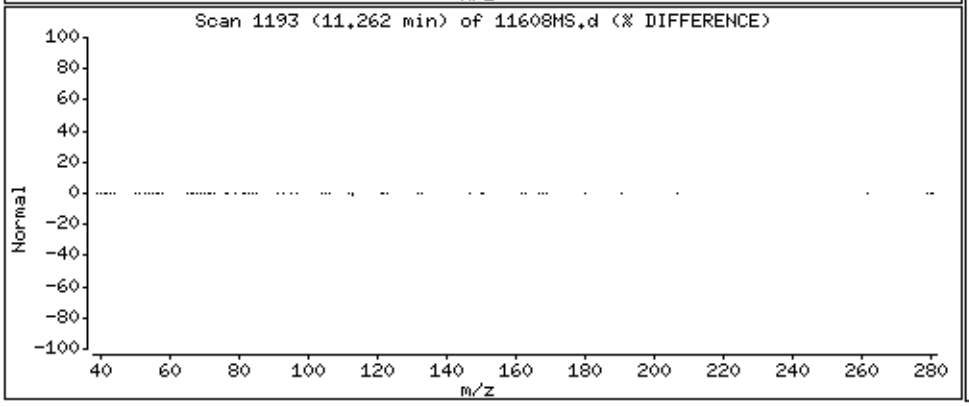












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

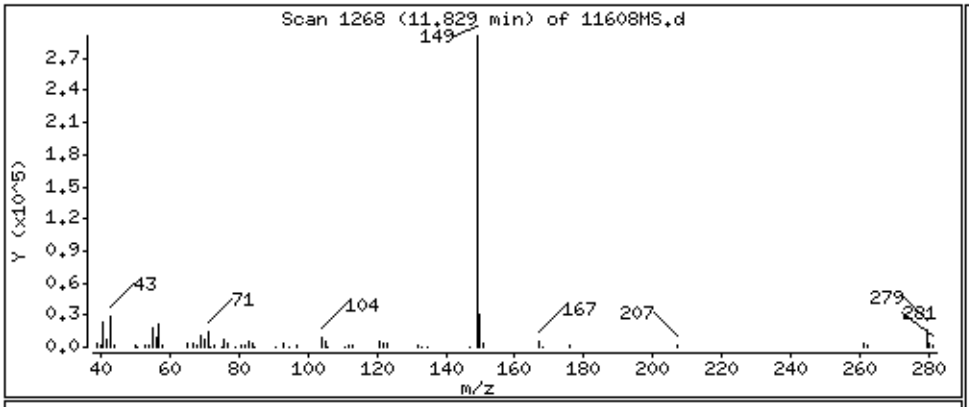
Operator: MJ

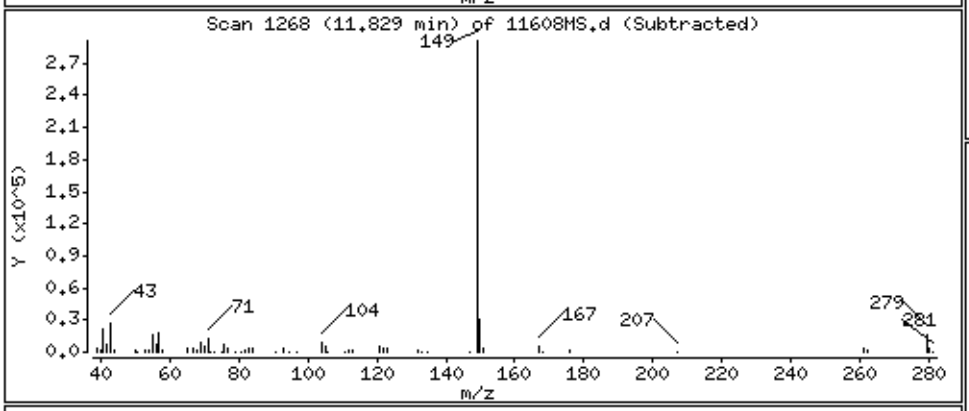
Column phase: HPMS-5

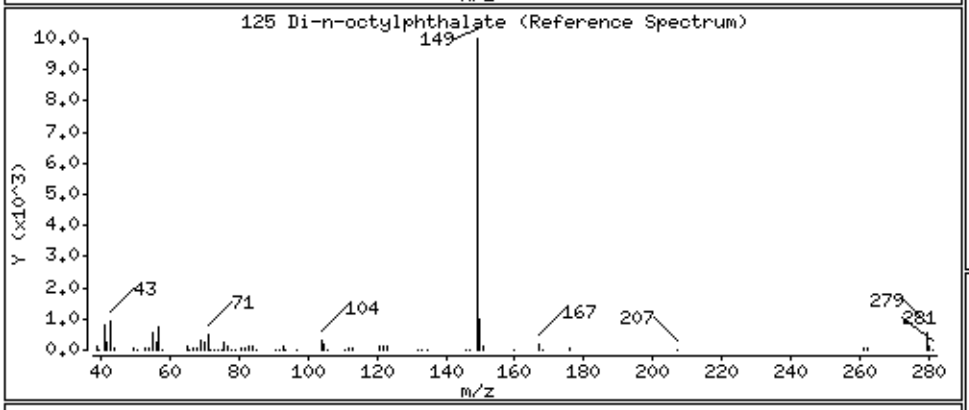
Column diameter: 0.25

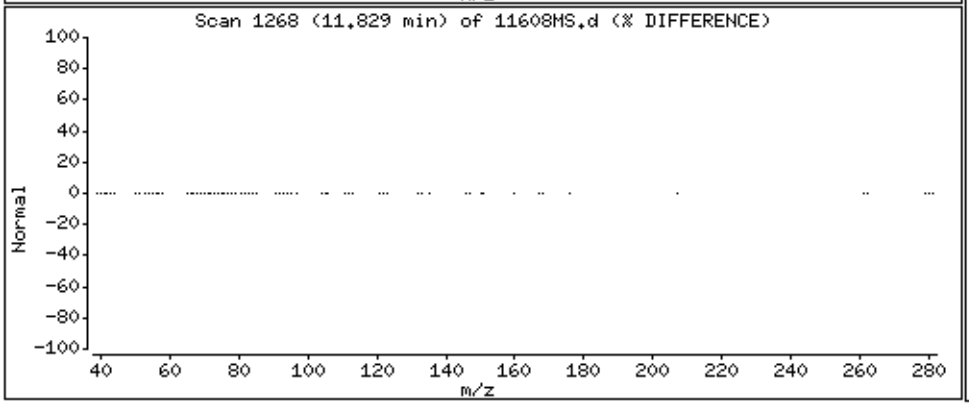
125 Di-n-octylphthalate

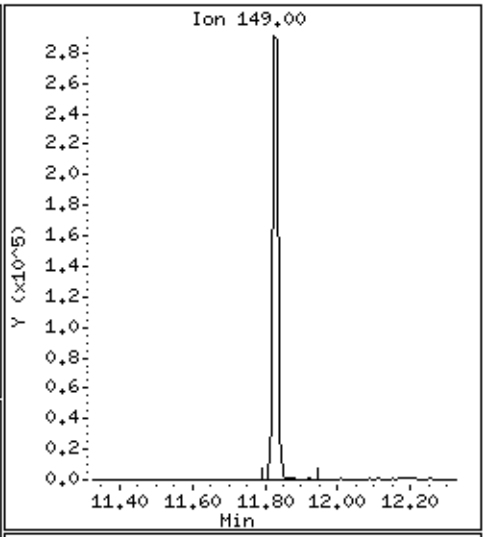
Concentration: 1740 ug/kg

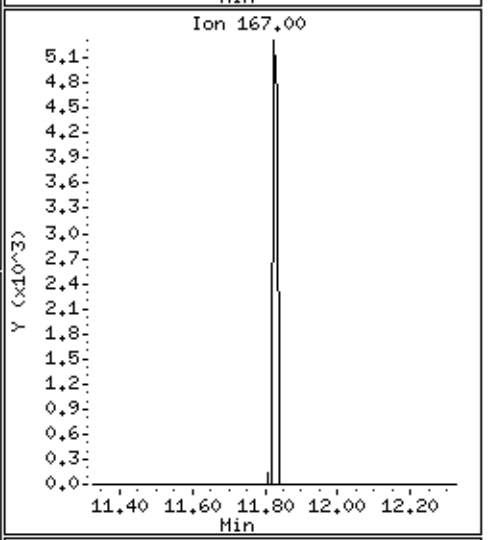


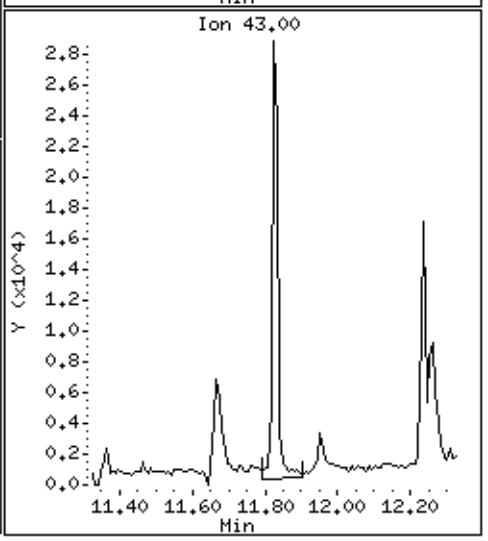












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

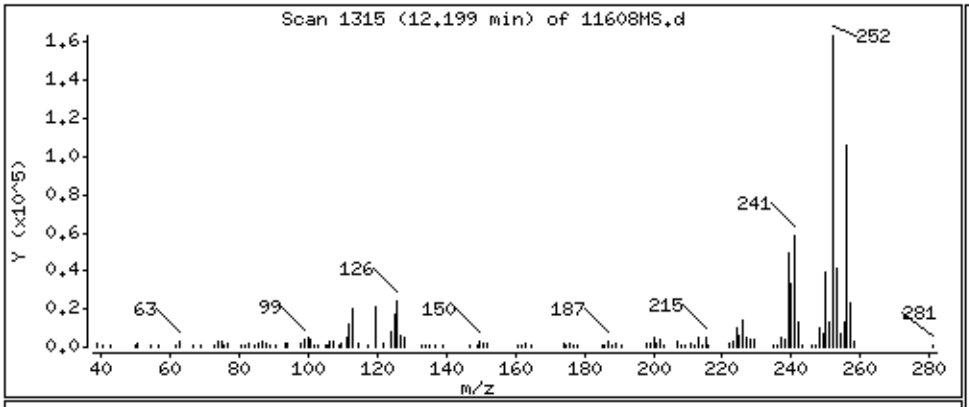
Operator: MJ

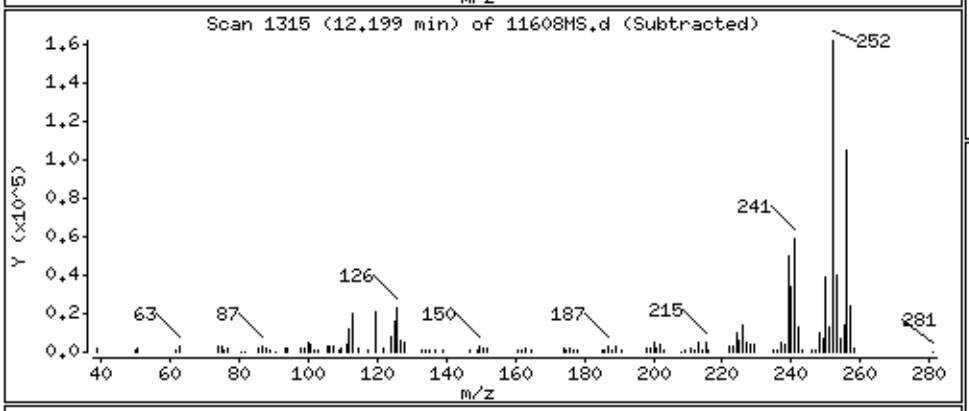
Column phase: HPMS-5

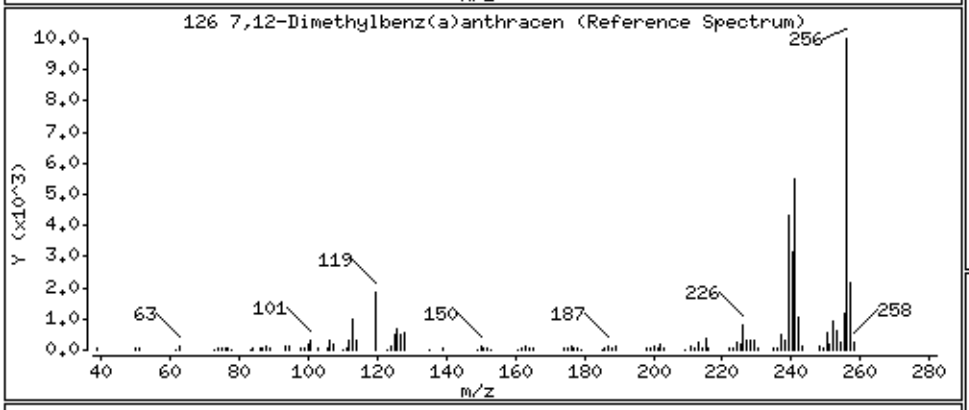
Column diameter: 0.25

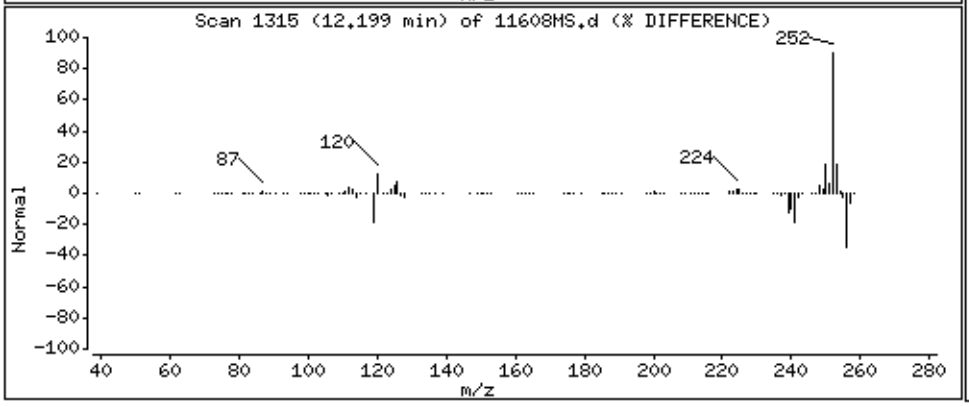
126 7,12-Dimethylbenz(a)anthracen

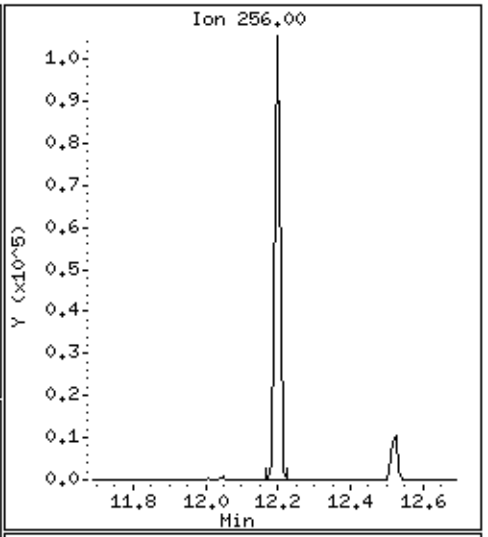
Concentration: 1420 ug/kg

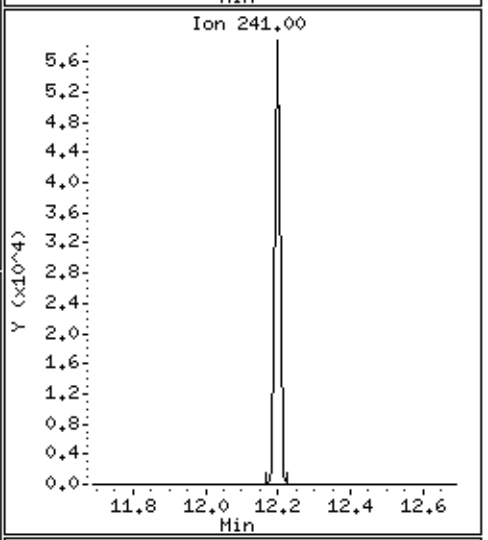


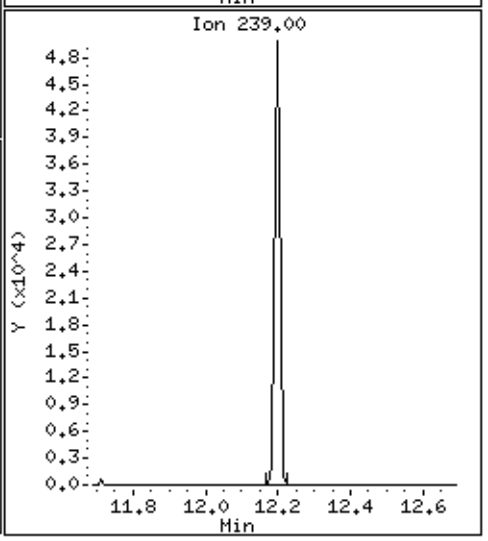












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Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

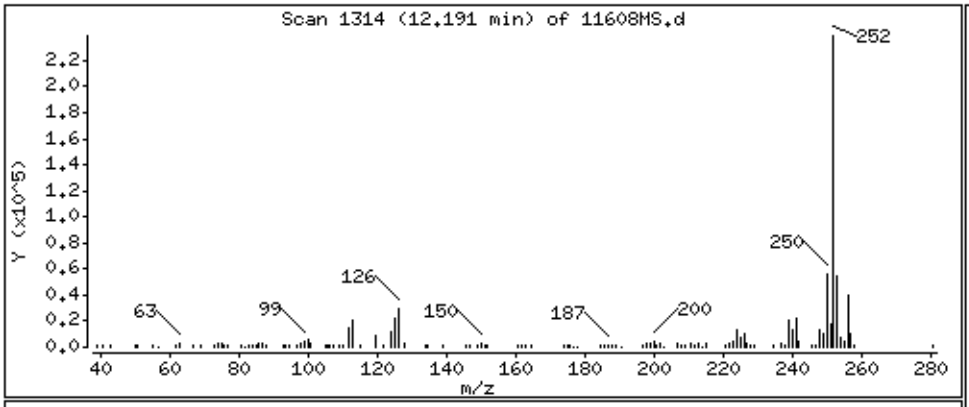
Operator: MJ

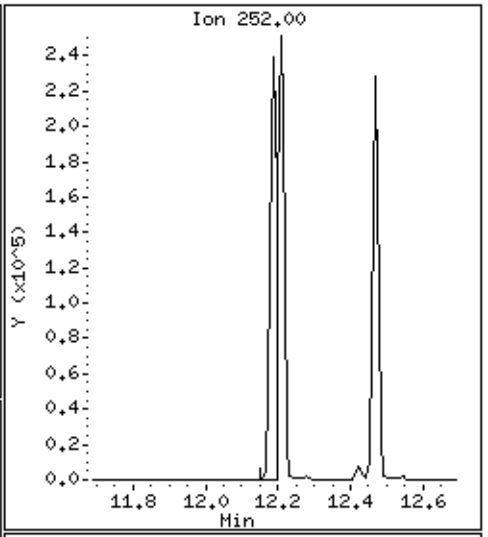
Column phase: HPMS-5

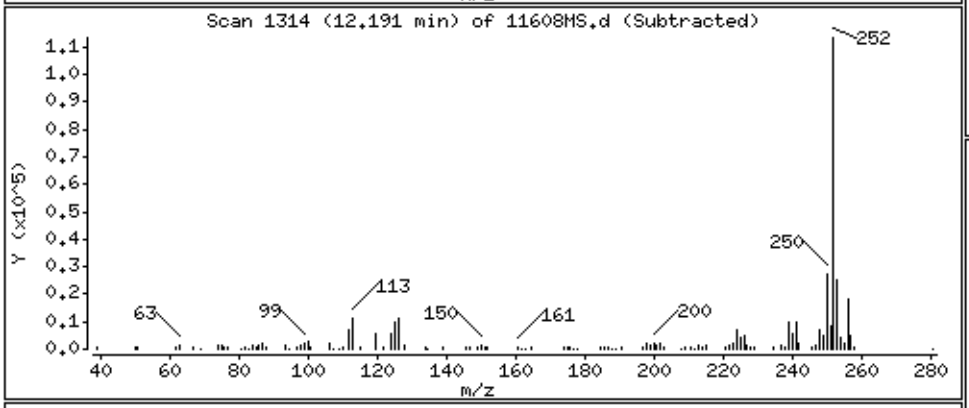
Column diameter: 0.25

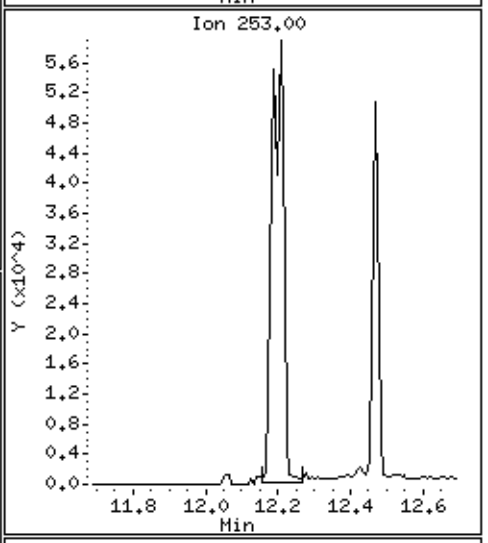
127 Benzo[b]fluoranthene

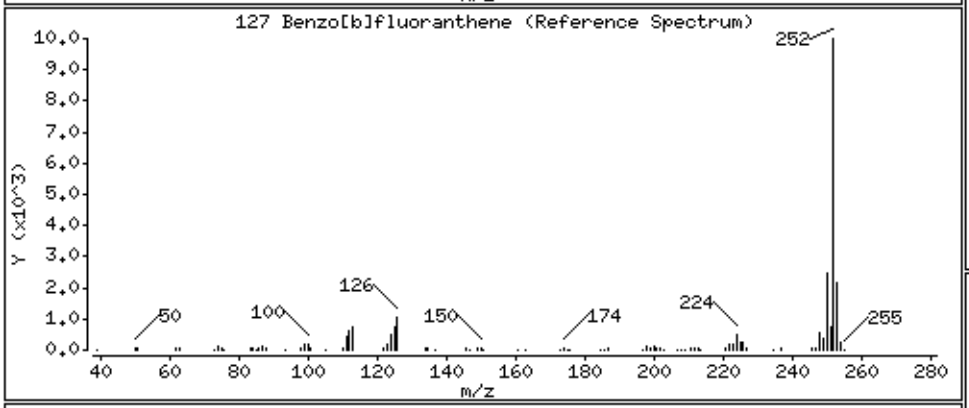
Concentration: 2170 ug/kg

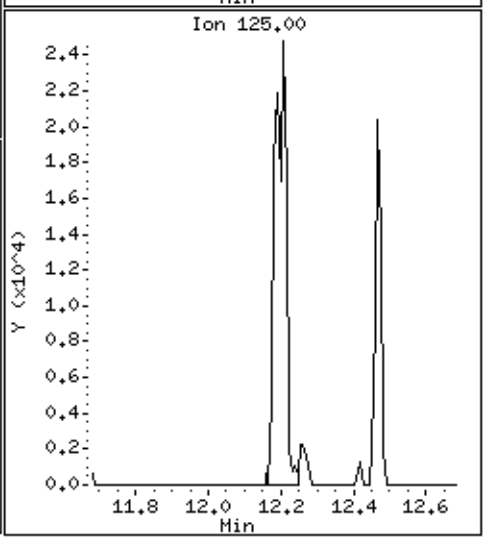


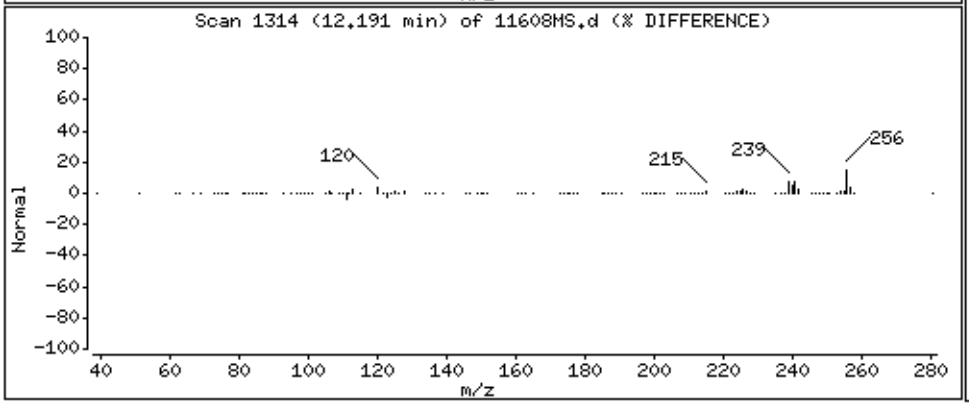












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Instrument: smsd04.i

Sample Info: SW154212MS

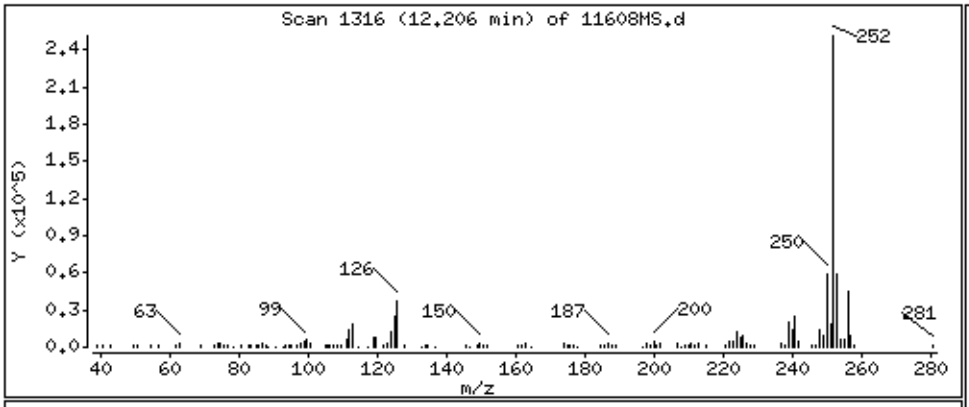
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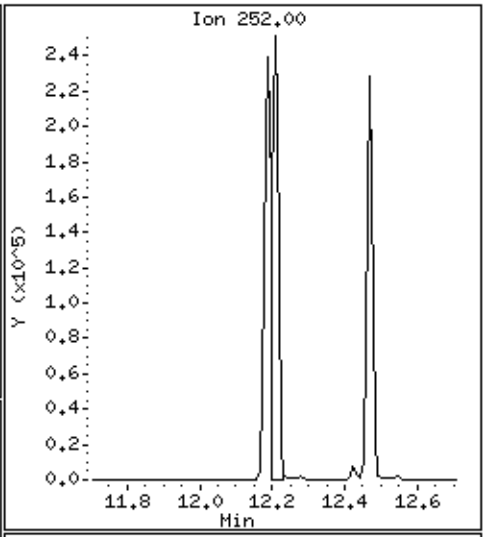
Column phase: HPMS-5

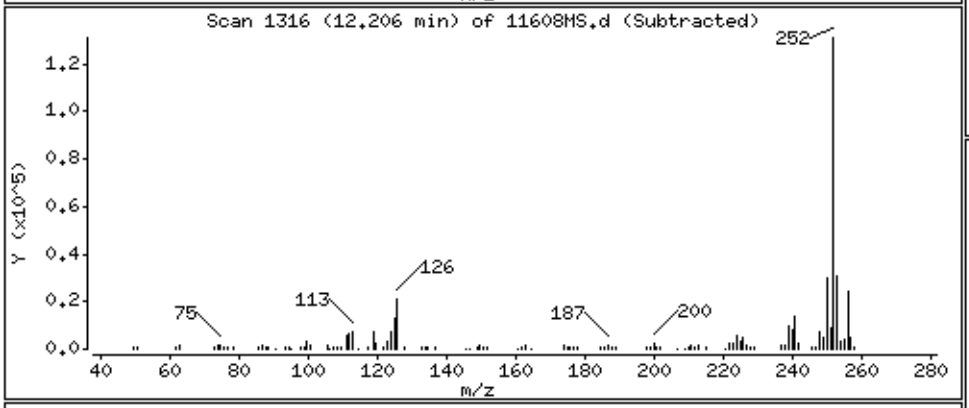
Column diameter: 0.25

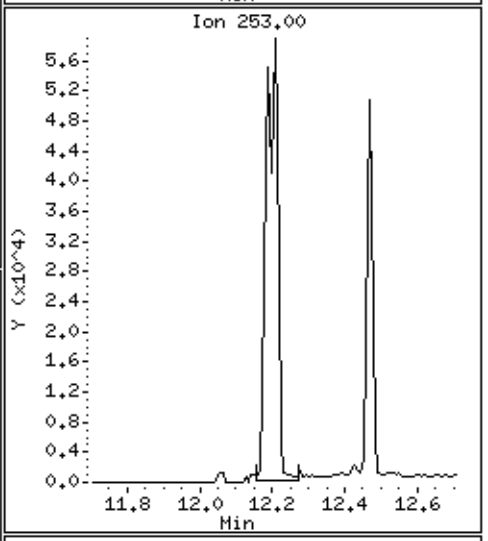
128 Benzo[k]fluoranthene

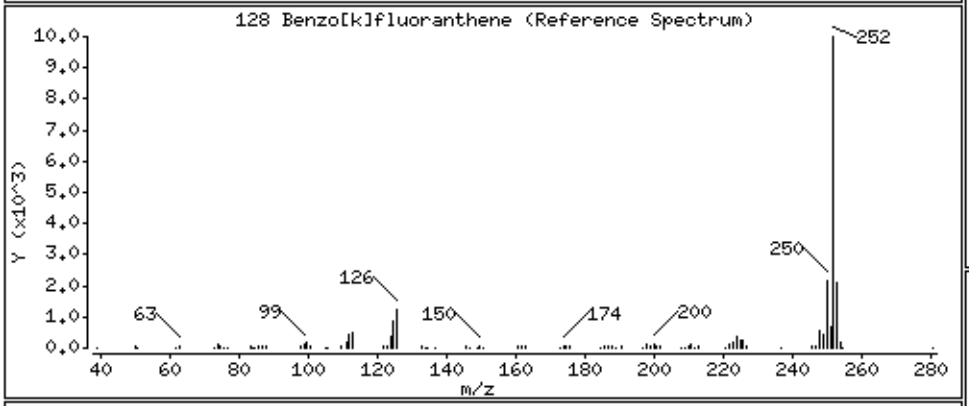
Concentration: 1930 ug/kg

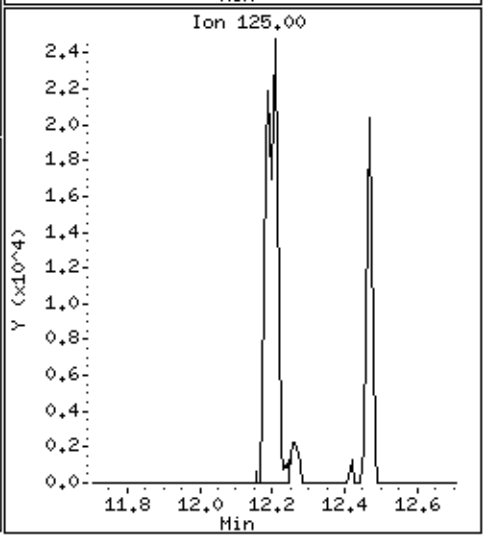


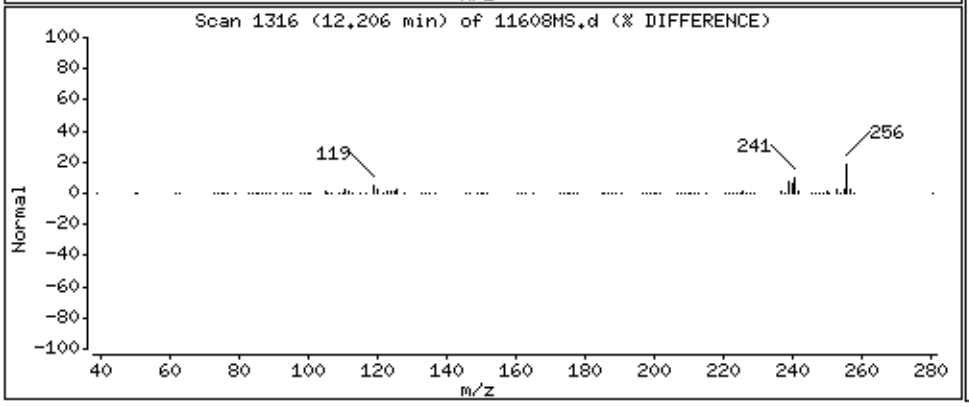












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Instrument: smsd04.i

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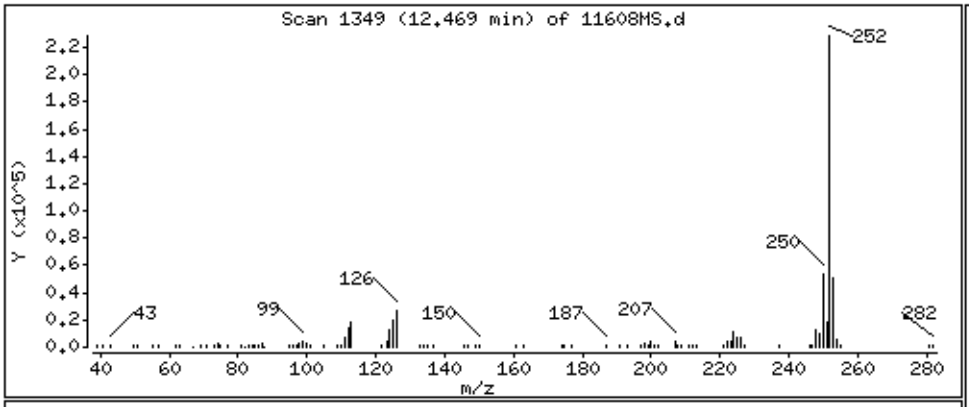
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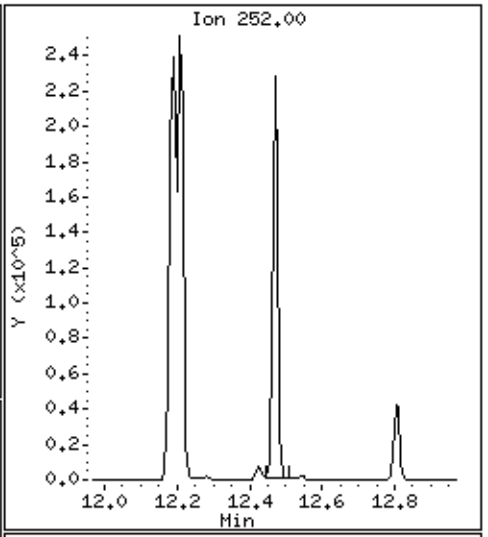
Column phase: HPMS-5

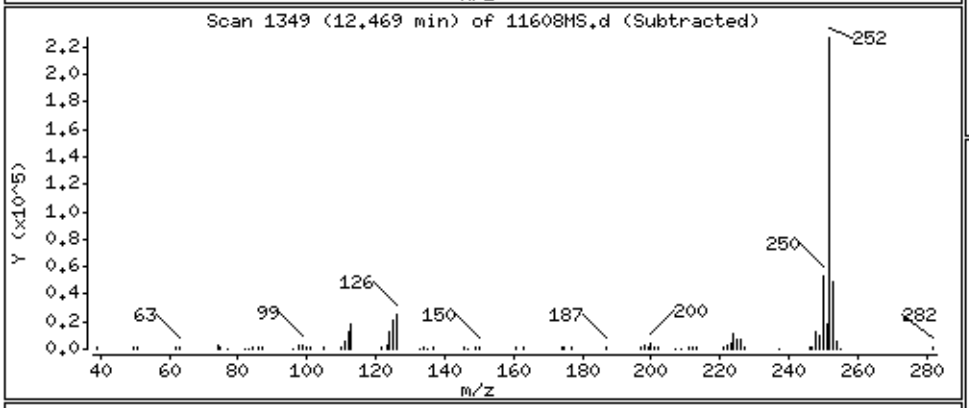
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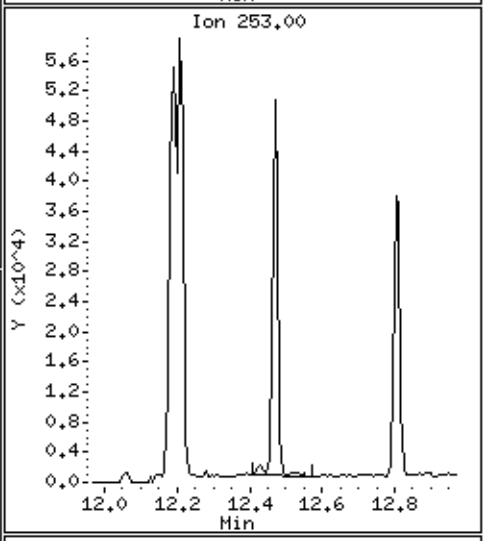
129 Benzo[a]pyrene

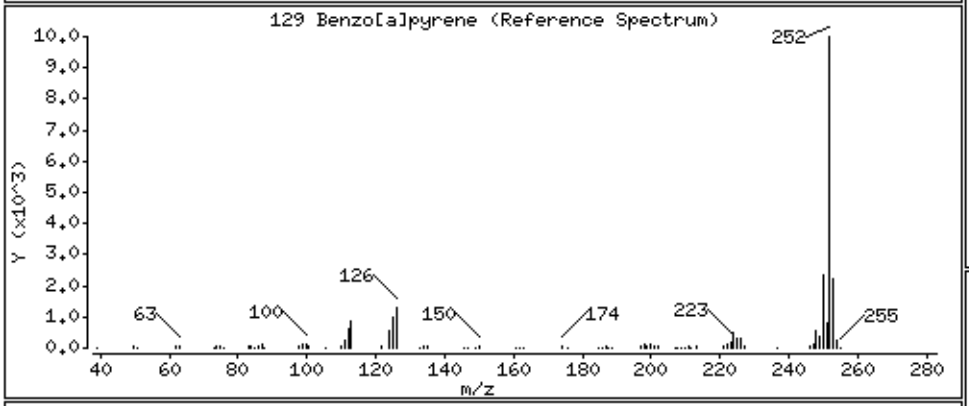
Concentration: 1860 ug/kg

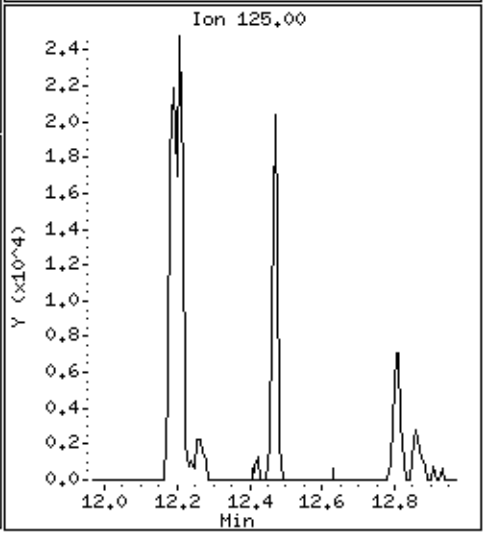


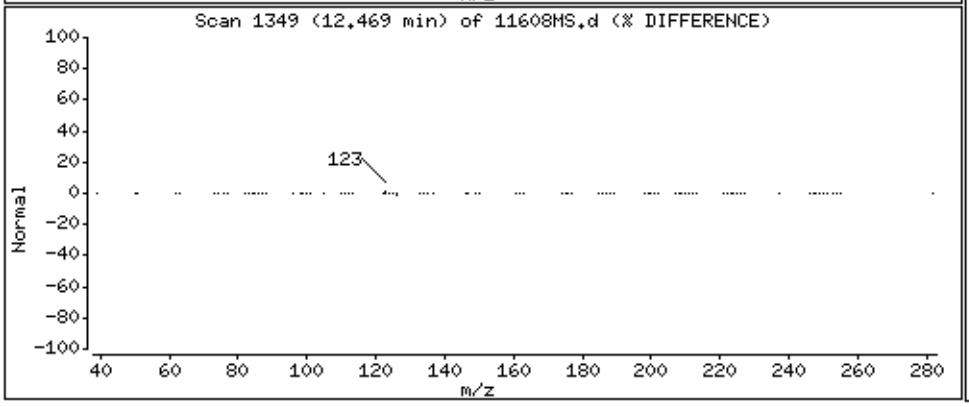












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Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

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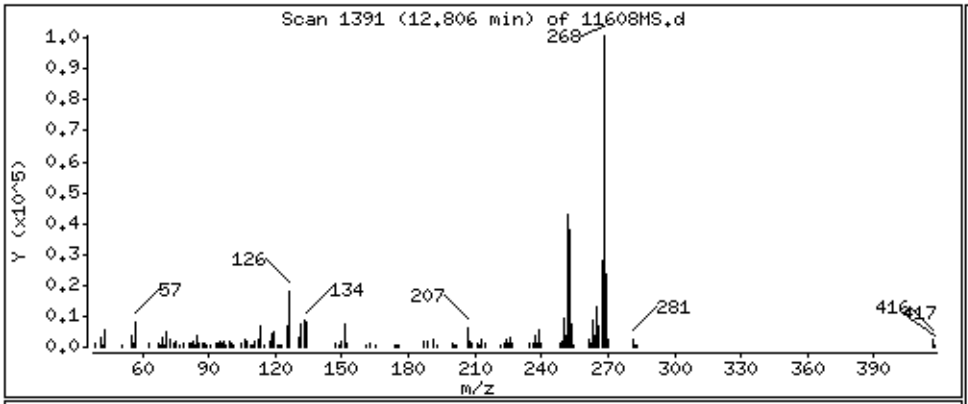
Operator: MJ

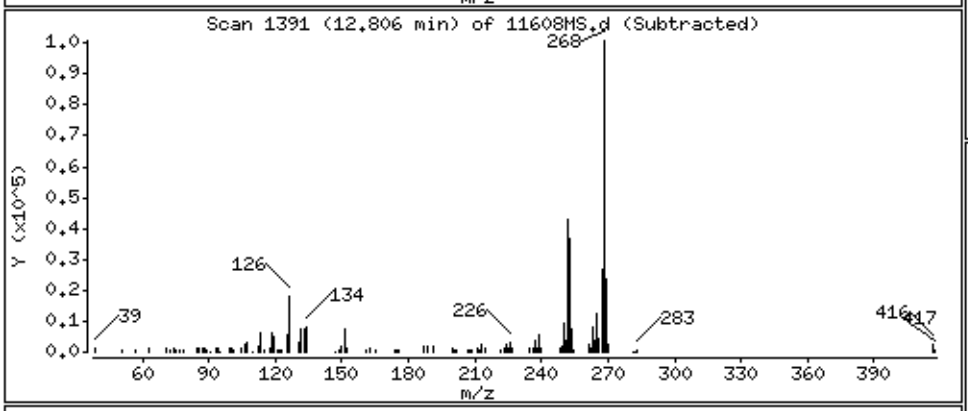
Column phase: HPMS-5

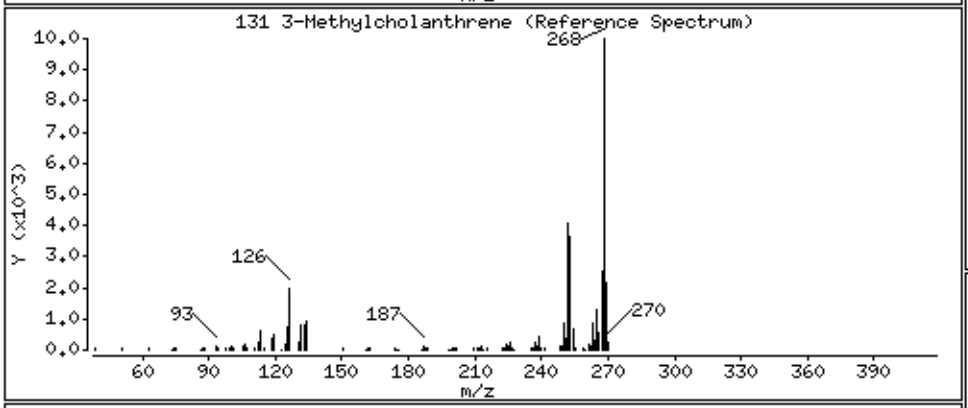
Column diameter: 0.25

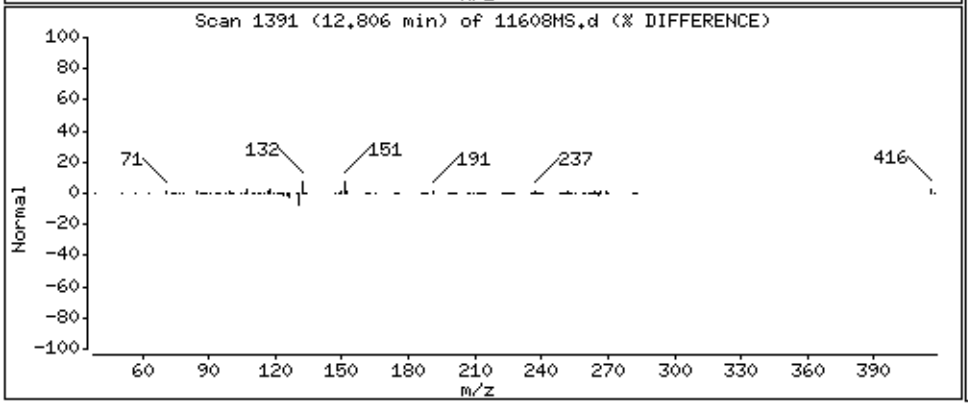
131 3-Methylcholanthrene

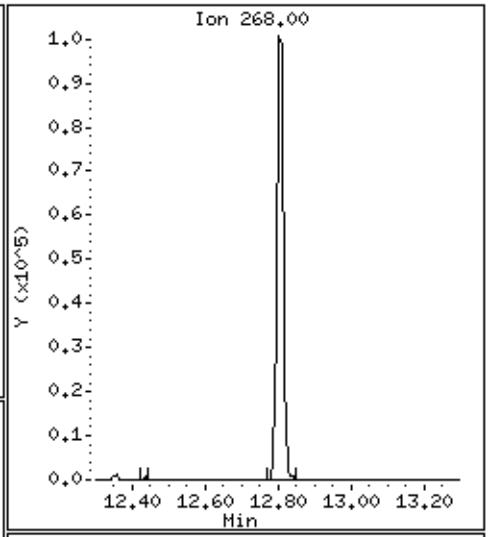
Concentration: 2620 ug/kg

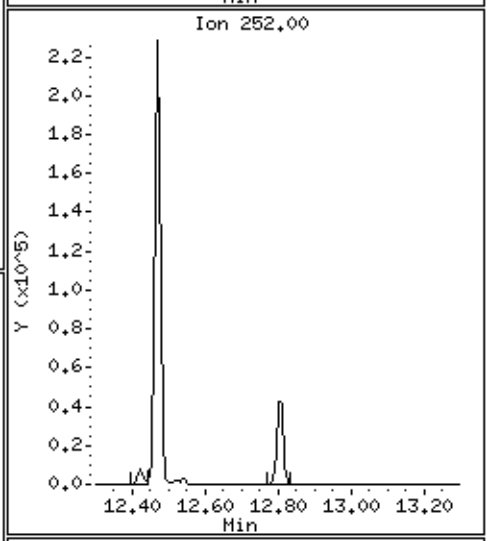


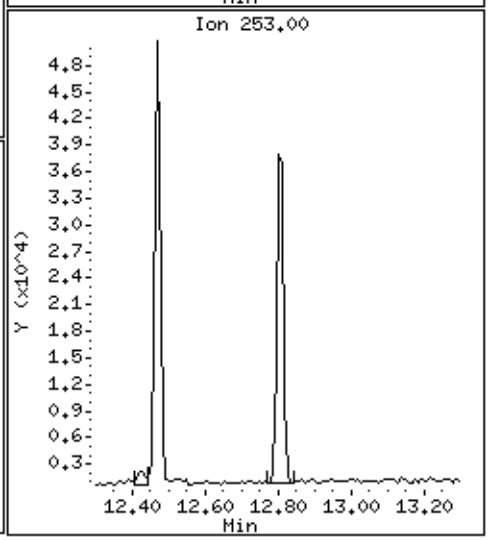












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Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

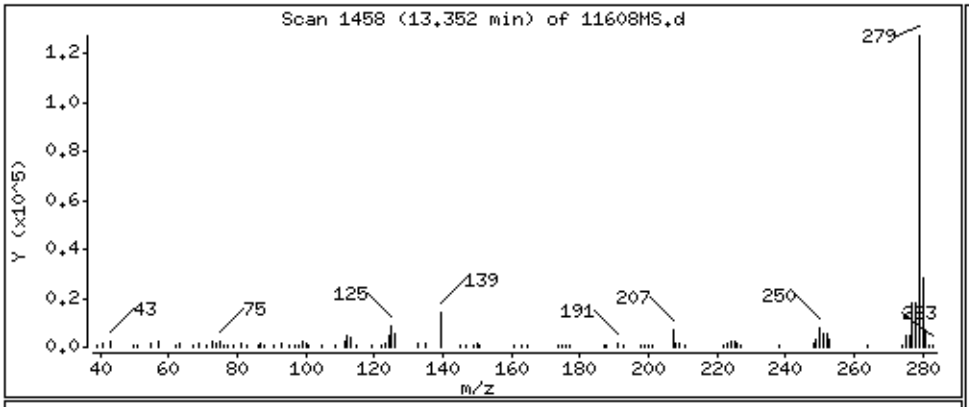
Operator: MJ

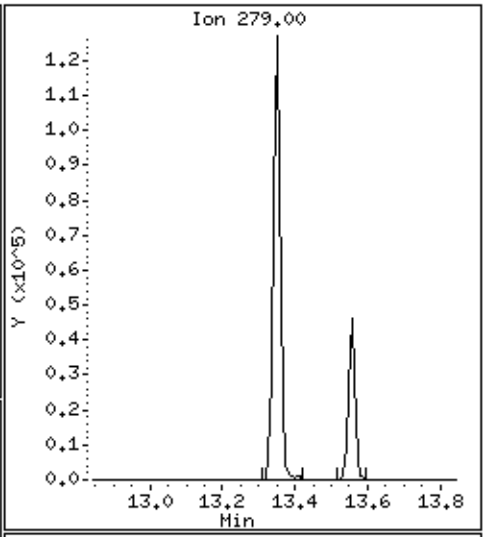
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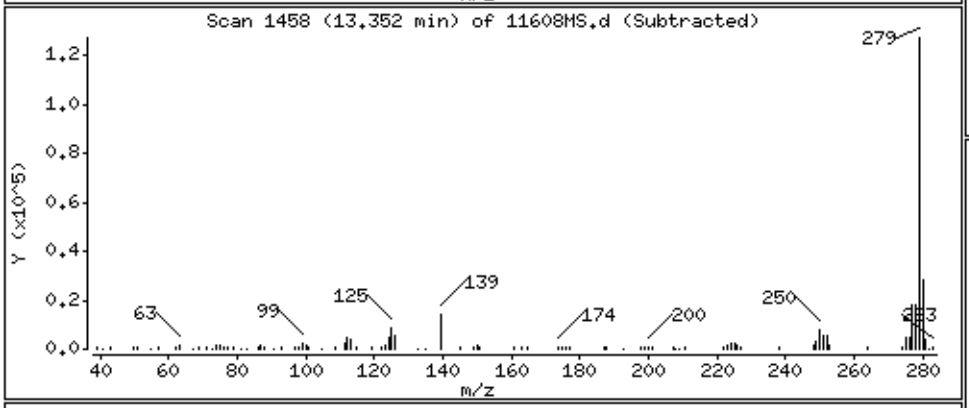
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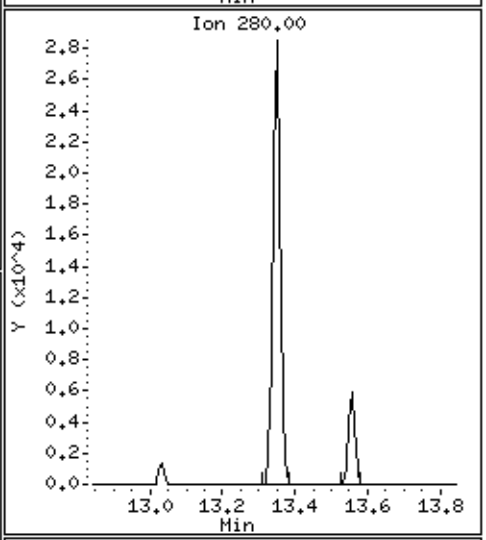
132 Dibenz(a,j)acridine

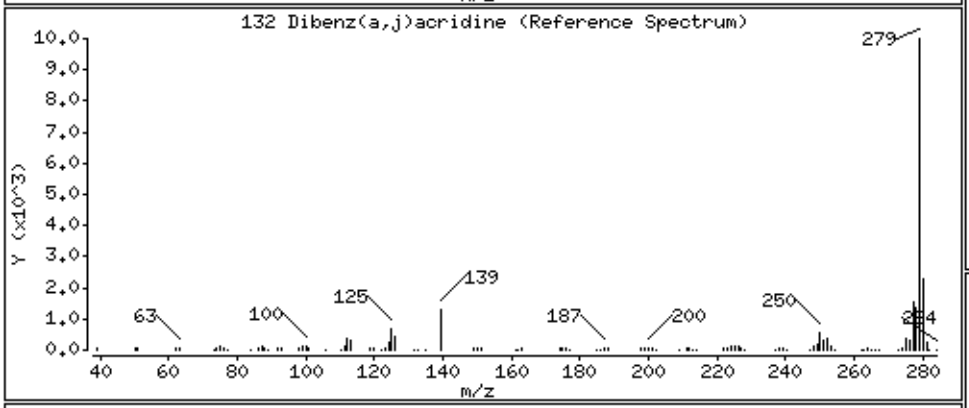
Concentration: 1640 ug/kg

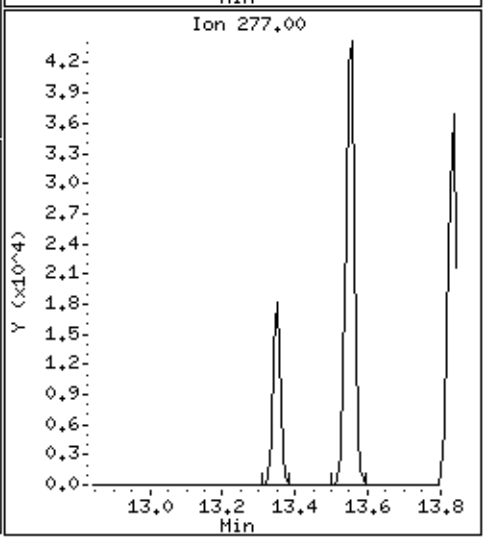


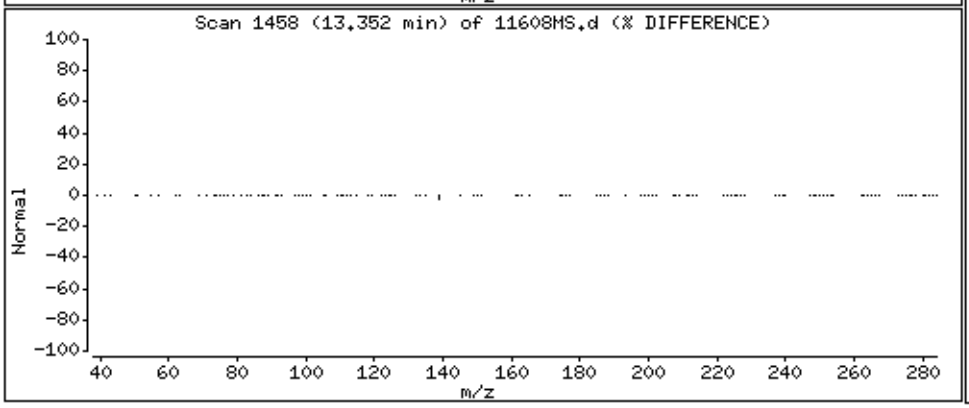












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

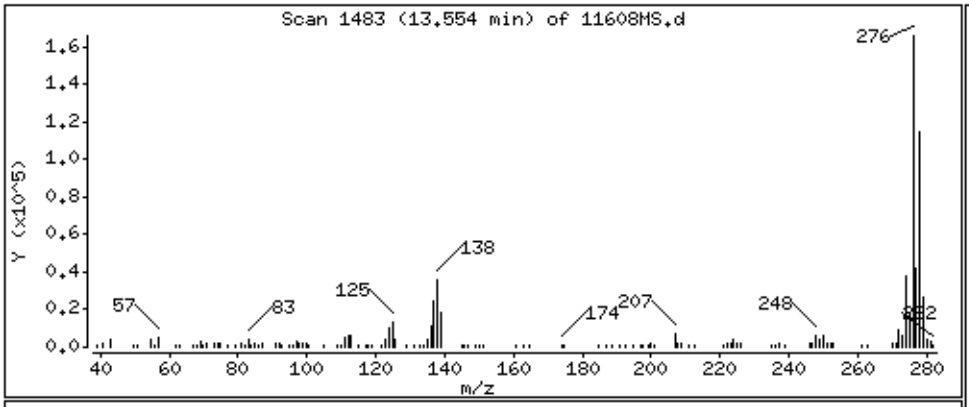
Operator: MJ

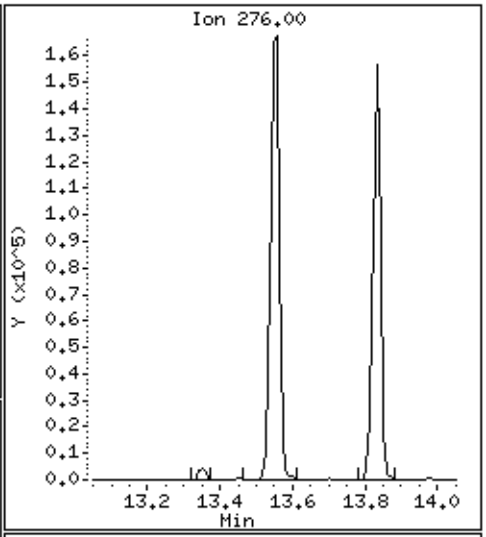
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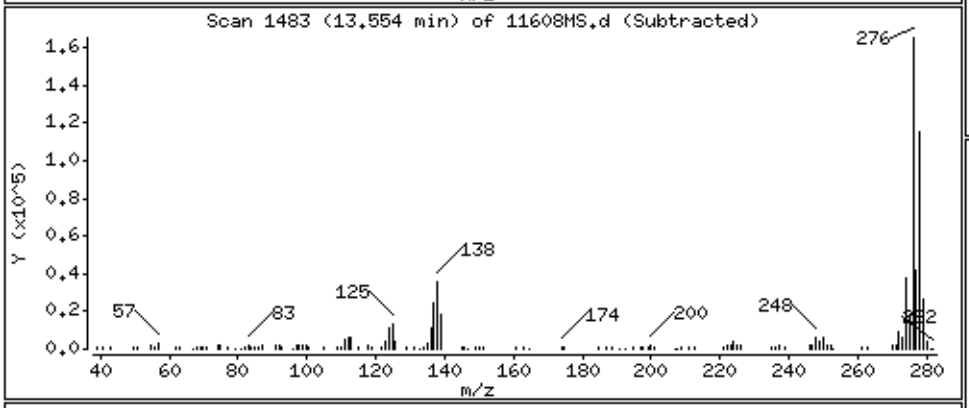
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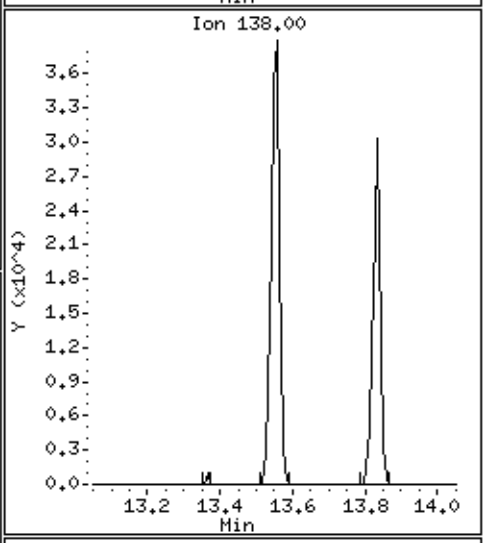
133 Indeno[1,2,3-cd]pyrene

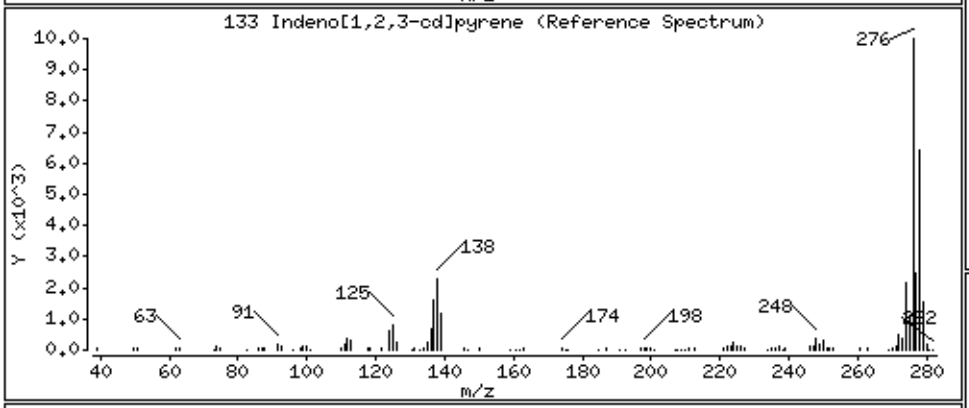
Concentration: 1950 ug/kg

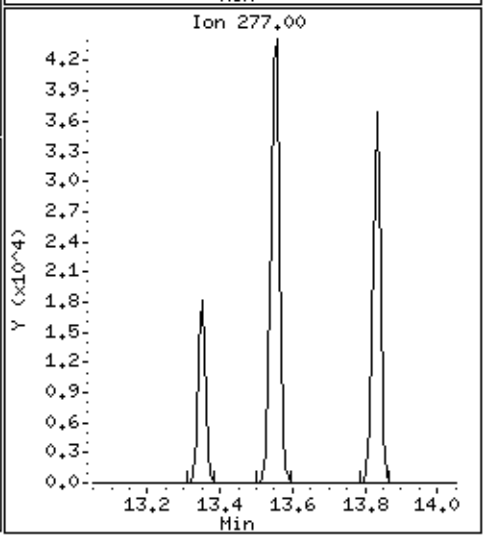


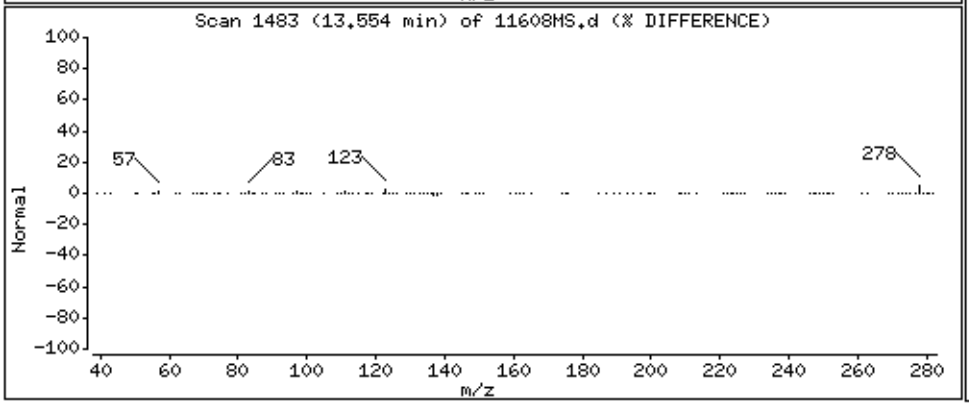












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

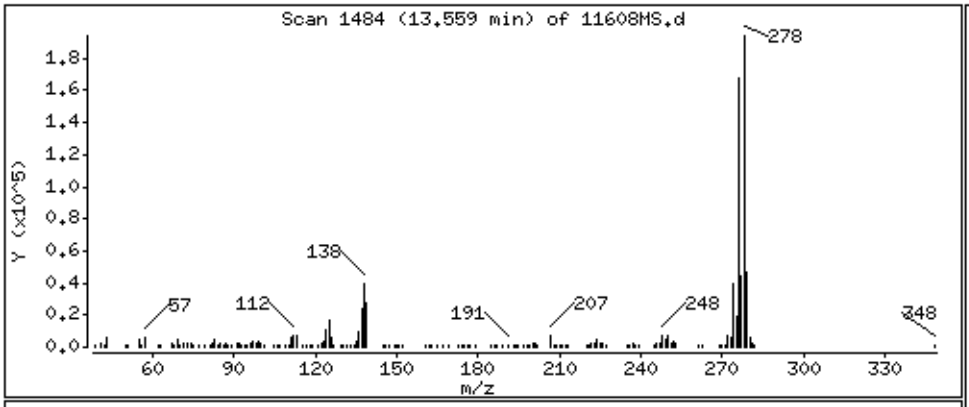
Operator: MJ

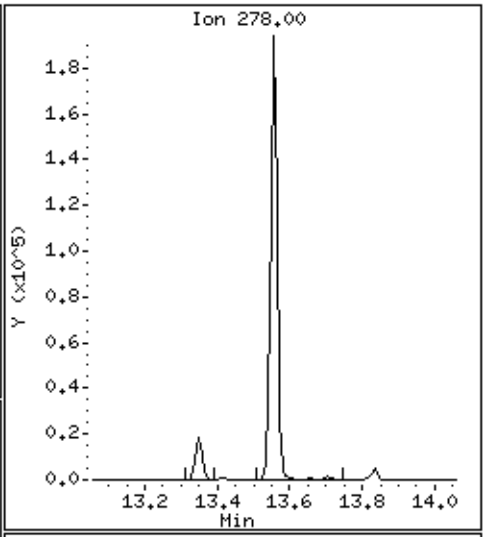
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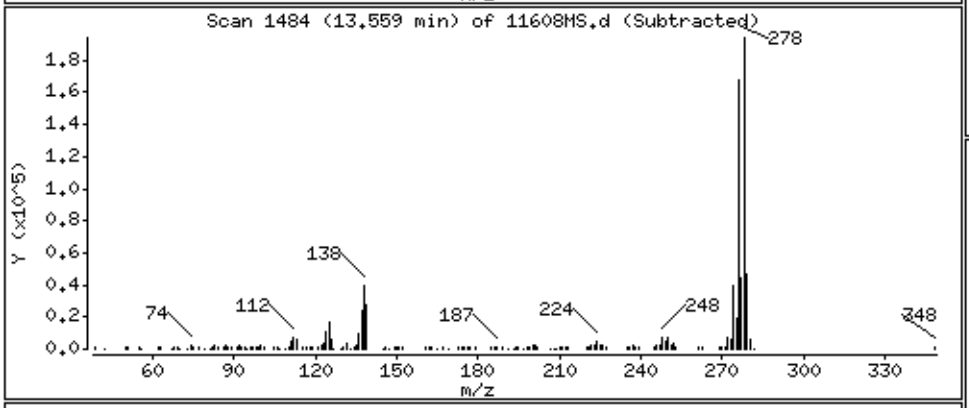
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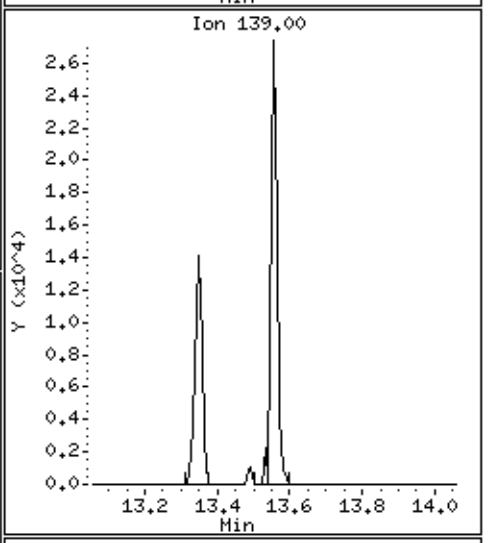
134 Dibenz[a,h]anthracene

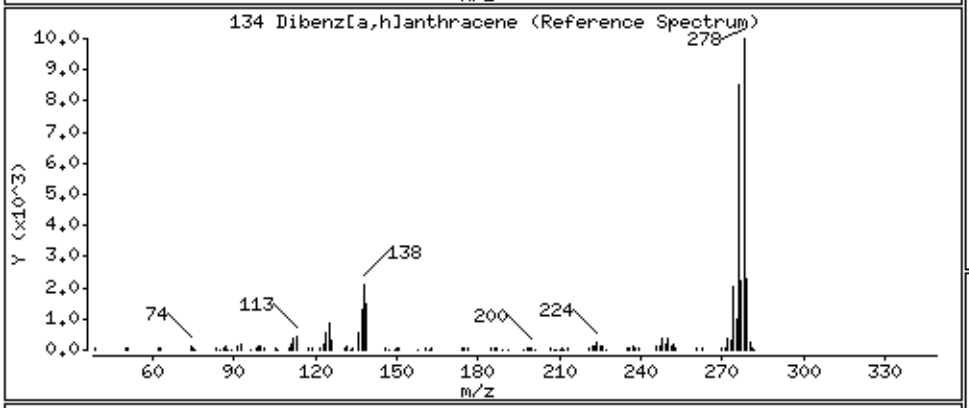
Concentration: 1970 ug/kg

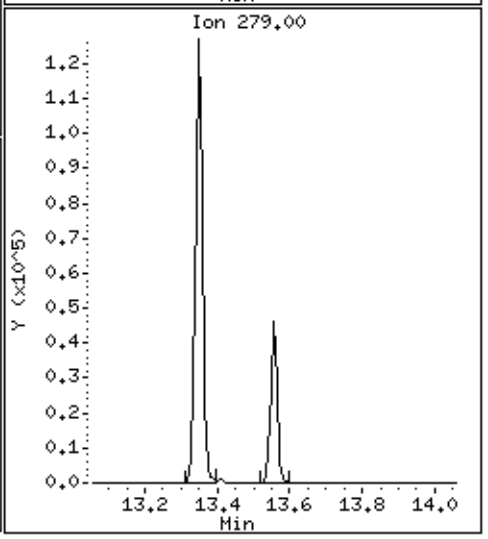


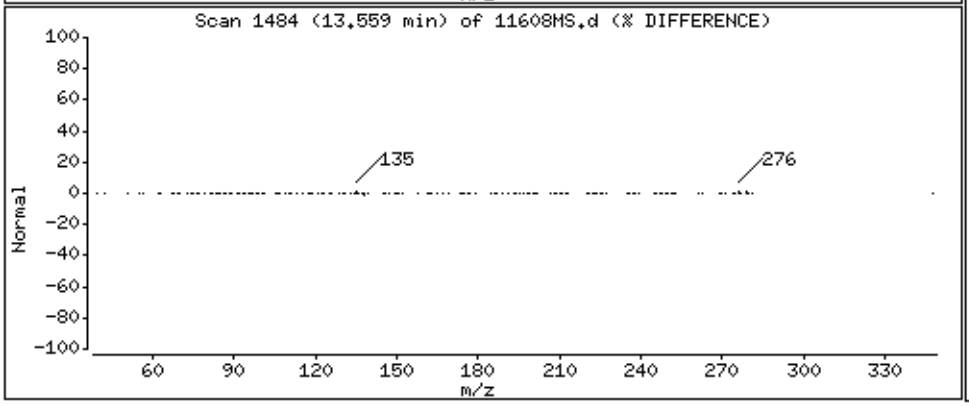












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MS.d

Date : 29-NOV-2012 15:51

Client ID: FM0126C-GS-SPMS

Instrument: smsd04.i

Sample Info: SW154212MS

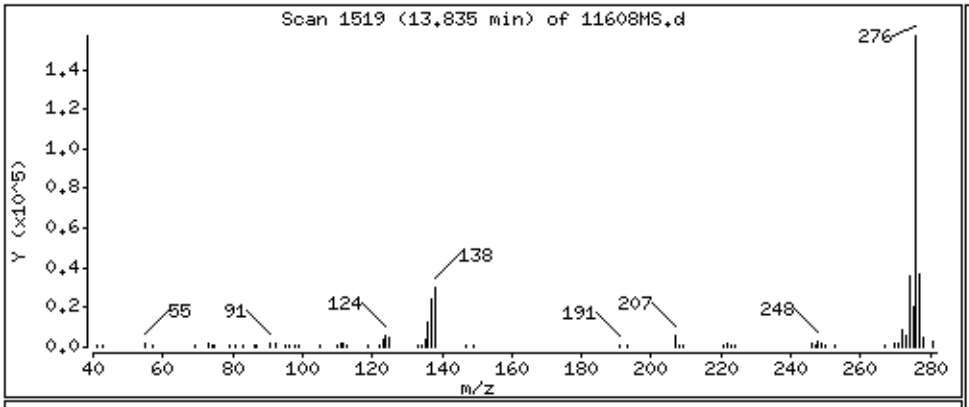
Operator: MJ

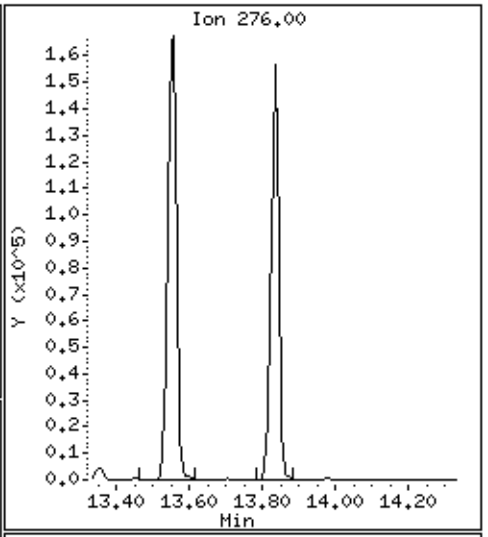
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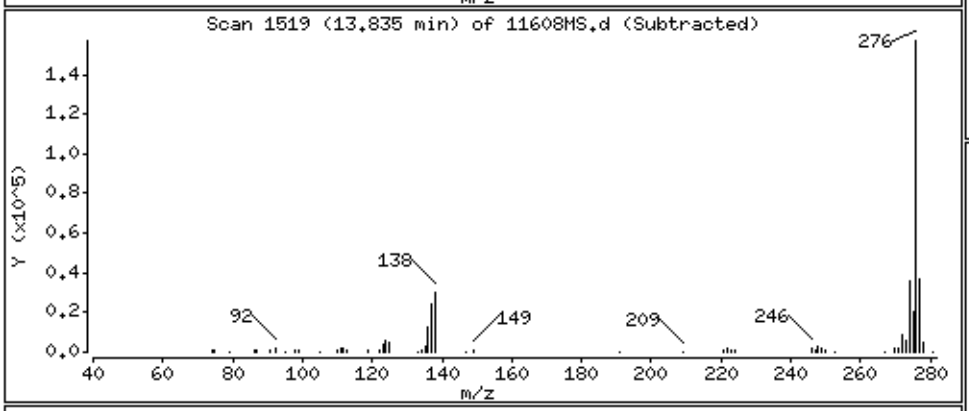
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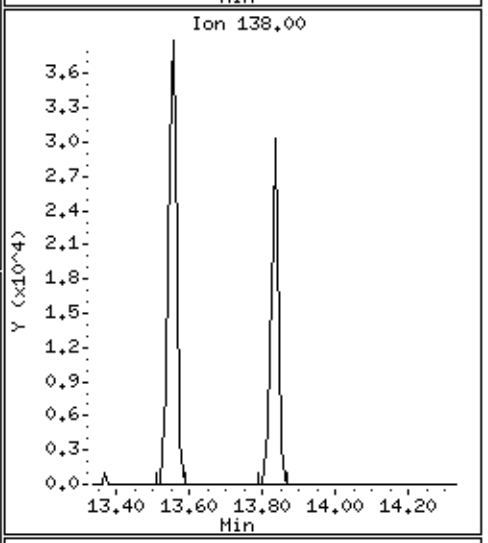
135 Benzo[g,h,i]perylene

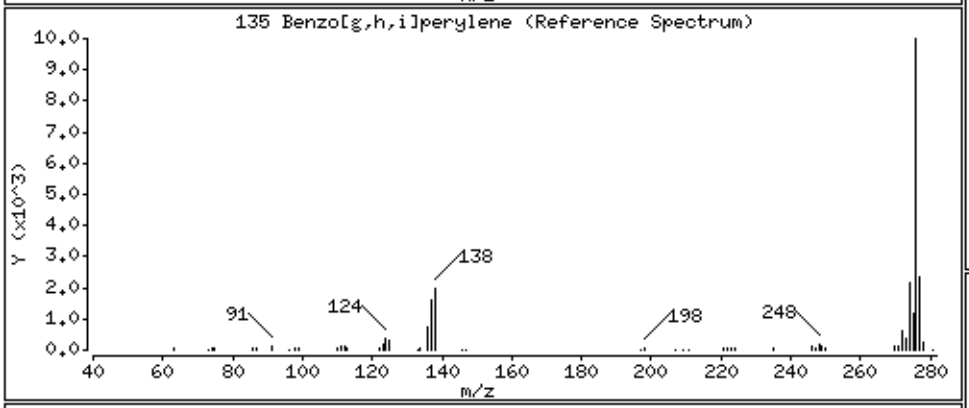
Concentration: 1970 ug/kg

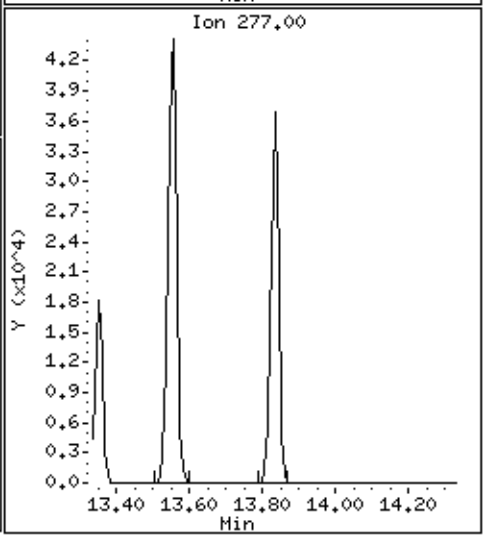


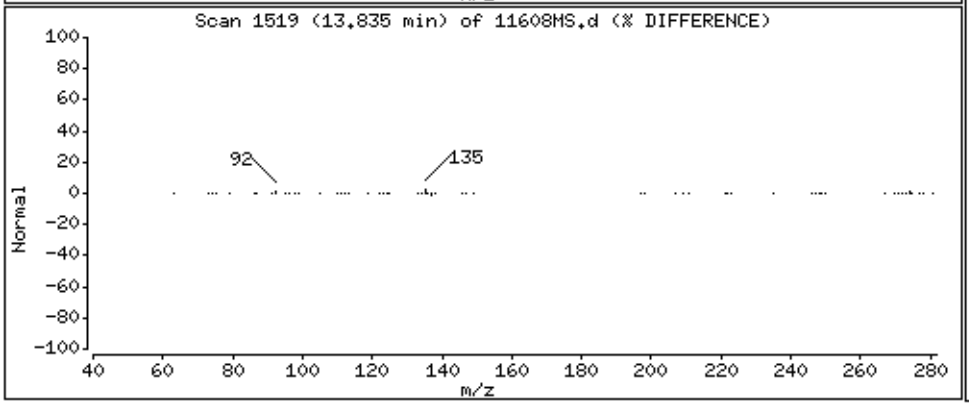












PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d
Lab Smp Id: 154213MSD Client Smp ID: FM0126C-GS-SPMSD
Inj Date : 29-NOV-2012 16:11 MS Autotune Date: 07-MAR-2012 16:32
Operator : MJ Inst ID: smsd04.i
Smp Info : SW154213MSD
Misc Info :
Comment :
Method : \\Svecd04\DD\chem\smsd04.i\S4112912P.b\8270bcs.m
Meth Date : 29-Nov-2012 12:56 mjacobs Quant Type: ISTD
Cal Date : 15-NOV-2012 10:28 Cal File: AP9CAL4.d
Als bottle: 10 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: SVECD04

Concentration Formula: Amt * DF * (1/((Ws * (1-(M/100)))/1000))*Vf * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Ws	25.830	Weight of sample extracted (g)
M	28.200	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
1 N-Nitrosodimethylamine							CAS #: 62-75-9	
2.205	2.200 (0.515)		42	35141	28.5537	1540	80.00- 120.00	100.00
2.205	2.200 (0.515)		74	46495			105.02- 165.02	132.31
2.205	2.200 (0.515)		44	2067			0.00- 33.43	5.88
2 Pyridine							CAS #: 110-86-1	
2.216	2.208 (0.518)		79	69442	25.1500	1360	80.00- 120.00	100.00
2.215	2.208 (0.517)		52	43618			33.18- 93.18	62.81
3 2- Picoline							CAS #: 109-06-8	
2.779	2.768 (0.649)		93	80048	27.1547	1460	80.00- 120.00	100.00
2.779	2.768 (0.649)		66	38744			18.70- 78.70	48.40
2.779	2.768 (0.649)		92	20665			0.00- 55.25	25.82
4 N-Nitrosomethylethylamine							CAS #: 10595-95-6	
2.883	2.874 (0.673)		88	34940	27.6189	1490	80.00- 120.00	100.00
2.884	2.873 (0.674)		43	24713			38.49- 98.49	70.73
2.885	2.873 (0.674)		42	36989			79.51- 139.51	105.86
5 Methyl Methanesulfonate							CAS #: 66-27-3	
3.130	3.120 (0.731)		80	55020	31.8007	1710	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
	5 Methyl Methanesulfonate (continued)							
3.130	3.121 (0.731)		79	34590			34.97- 94.97	62.87
3.130	3.121 (0.731)		65	14402			0.00- 56.13	26.18
$	6 2-Fluorophenol (SURR)					CAS #: 367-12-4		
3.259	3.232 (0.761)		112	179325	74.1643	4000	80.00- 120.00	100.00
3.259	3.232 (0.761)		64	106746			29.53- 89.53	59.53
	7 N-Nitrosodiethylamine					CAS #: 55-18-5		
3.436	3.428 (0.803)		102	37285	29.5643	1590	80.00- 120.00	100.00
3.436	3.428 (0.802)		42	31104			54.87- 114.87	83.42
3.436	3.428 (0.802)		57	18656			21.31- 81.31	50.04
	8 Ethyl Methanesulfonate					CAS #: 62-50-0		
3.681	3.674 (0.860)		79	73330	34.6084	1870	80.00- 120.00	100.00
3.681	3.674 (0.860)		109	43818			30.18- 90.18	59.75
3.681	3.674 (0.860)		97	15235			0.00- 50.17	20.78
	9 Benzaldehyde					CAS #: 100-52-7		
3.916	3.915 (0.915)		77	43207	18.2172	982	80.00- 120.00	100.00(aR)
3.916	3.915 (0.915)		106	37302			53.81- 113.81	86.33
3.917	3.914 (0.915)		51	19180			15.58- 75.58	44.39
	10 Aniline					CAS #: 62-53-3		
4.031	4.030 (0.941)		93	76860	22.0852	1190	80.00- 120.00	100.00(Q)
4.025	4.030 (0.940)		65	48612			0.00- 51.00	63.25
4.025	4.030 (0.940)		66	89269			12.36- 72.36	116.14
$	11 Phenol-d5 (SURR)					CAS #: 4165-62-2		
4.012	3.993 (0.937)		99	223252	72.9278	3930	80.00- 120.00	100.00
4.012	3.993 (0.937)		42	42011			0.00- 49.55	18.82
4.012	3.993 (0.937)		71	91581			11.76- 71.76	41.02
	12 Pentachloroethane					CAS #: 76-01-7		
4.035	4.032 (0.942)		167	36080	31.1889	1680	80.00- 120.00	100.00
4.034	4.032 (0.942)		117	29750			55.86- 115.86	82.46
4.035	4.032 (0.942)		130	12983			7.13- 67.13	35.99
	13 Phenol					CAS #: 108-95-2		
4.023	4.003 (0.940)		94	108576	31.2380	1680	80.00- 120.00	100.00(Q)
4.025	4.003 (0.940)		65	48614			0.00- 60.00	44.77
4.025	4.002 (0.940)		66	89270			20.36- 80.36	82.22
	14 Bis(2-Chloroethyl)ether					CAS #: 111-44-4		
4.075	4.077 (0.952)		93	79040	32.8949	1770	80.00- 120.00	100.00(R)
4.074	4.077 (0.952)		63	54985			40.44- 100.44	69.57
4.074	4.077 (0.952)		95	24996			1.23- 61.23	31.63
	15 2-Chlorophenol					CAS #: 95-57-8		
4.134	4.127 (0.965)		128	71679	30.4222	1640	80.00- 120.00	100.00
4.133	4.127 (0.965)		64	37325			21.62- 81.62	52.07
4.134	4.127 (0.966)		130	22482			3.76- 63.76	31.37

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/ml)	(ug/kg)	TARGET RANGE	RATIO
M 16 Cresols (Total)						CAS #: 1319-77-3		
				141171	58.8289	3170		(a)
17 1,3-Dichlorobenzene						CAS #: 541-73-1		
4.252	4.252 (0.993)		146	79647	28.2778	1520	80.00- 120.00	100.00
4.252	4.252 (0.993)		148	50949			35.70- 95.70	63.97
4.252	4.252 (0.993)		111	35254			16.51- 76.51	44.26
* 18 1,4-Dichlorobenzene-d4						CAS #: 3855-82-1		
4.282	4.279 (1.000)		152	75944	40.0000		80.00- 120.00	100.00
4.282	4.279 (1.000)		115	47400			34.83- 94.83	62.41
4.282	4.279 (1.000)		150	137167			128.71- 188.71	180.61
19 1,4-Dichlorobenzene						CAS #: 106-46-7		
4.296	4.295 (1.003)		146	84362	28.9190	1560	80.00- 120.00	100.00
4.295	4.295 (1.003)		148	53308			33.99- 93.99	63.19
4.295	4.295 (1.003)		111	36460			13.50- 73.50	43.22
20 1,2-Dichlorobenzene						CAS #: 95-50-1		
4.463	4.463 (1.042)		146	77012	28.3972	1530	80.00- 120.00	100.00
4.464	4.463 (1.042)		148	50173			34.62- 94.62	65.15
4.463	4.464 (1.042)		111	34524			16.72- 76.72	44.83
21 Benzyl alcohol						CAS #: 100-51-6		
4.421	4.415 (1.032)		108	46080	29.9718	1620	80.00- 120.00	100.00
4.421	4.415 (1.032)		79	70108			122.67- 182.67	152.14
4.421	4.415 (1.033)		77	45881			76.82- 136.82	99.57
22 2-Methylphenol						CAS #: 95-48-7		
4.540	4.526 (1.060)		107	55577	28.8997	1560	80.00- 120.00	100.00
4.540	4.525 (1.060)		108	64554			84.79- 144.79	116.15
4.541	4.525 (1.060)		79	43800			25.27- 85.27	78.81
23 2,2'-oxybis(1-chloropropane)						CAS #: 108-60-1		
4.555	4.556 (1.064)		45	86722	28.0084	1510	80.00- 120.00	100.00(Q)
4.541	4.556 (1.060)		77	49516			0.00- 49.15	57.10
4.555	4.556 (1.064)		121	25409			0.00- 58.76	29.30
24 N-Nitrosopyrrolidine						CAS #: 930-55-2		
4.663	4.654 (1.089)		100	41707	30.7289	1660	80.00- 120.00	100.00(Q)
4.682	4.654 (1.093)		41	67964			58.37- 118.37	162.95
4.682	4.655 (1.093)		42	67680			52.82- 112.82	162.27
25 Acetophenone						CAS #: 98-86-2		
4.662	4.659 (0.855)		105	227148	61.3276	3310	80.00- 120.00	100.00
4.662	4.659 (0.855)		77	229814			60.87- 120.87	101.17
4.662	4.659 (0.855)		51	77279			0.41- 60.41	34.02
26 N-Nitrosodinpropylamine						CAS #: 621-64-7		
4.683	4.683 (1.094)		70	64869	31.8922	1720	80.00- 120.00	100.00(Q)
4.682	4.683 (1.093)		42	67680			20.58- 80.58	104.33
4.683	4.683 (1.094)		130	14396			0.00- 52.81	22.19

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 N-Nitrosomorpholine						CAS #: 59-89-2		
4.675	4.668	(1.092)	56	52932	30.7236	1660	80.00- 120.00	100.00
4.675	4.668	(1.092)	116	16459			3.08- 63.08	31.10
4.675	4.668	(1.092)	86	26790			20.14- 80.14	50.61
28 4-Methylphenol						CAS #: 106-44-5		
4.665	4.656	(1.089)	107	85594	29.9292	1610	80.00- 120.00	100.00
4.665	4.656	(1.090)	108	70722			51.67- 111.67	82.63
4.665	4.656	(1.089)	79	23416			0.00- 56.89	27.36
29 o-Toluidine						CAS #: 95-53-4		
4.703	4.699	(1.098)	106	99120	24.9158	1340	80.00- 120.00	100.00
4.703	4.699	(1.098)	77	24936			0.00- 53.17	25.16
4.703	4.699	(1.098)	107	78411			44.37- 104.37	79.11
30 Hexachloroethane						CAS #: 67-72-1		
4.738	4.738	(1.106)	117	35242	28.6093	1540	80.00- 120.00	100.00
4.738	4.738	(1.107)	201	32885			64.97- 124.97	93.31
4.738	4.738	(1.107)	199	20853			31.13- 91.13	59.17
$ 31 Nitrobenzene-d5 (SURR)						CAS #: 4165-60-0		
4.803	4.803	(0.881)	82	112722	36.4845	1970	80.00- 120.00	100.00
4.803	4.803	(0.881)	128	42658			7.15- 67.15	37.84
4.803	4.803	(0.881)	54	55131			18.25- 78.25	48.91
32 Nitrobenzene						CAS #: 98-95-3		
4.819	4.819	(0.884)	77	90592	29.2665	1580	80.00- 120.00	100.00
4.819	4.819	(0.884)	123	34408			7.42- 67.42	37.98
4.819	4.819	(0.884)	65	12956			0.00- 43.20	14.30
33 N-Nitrosopiperidine						CAS #: 100-75-4		
4.955	4.951	(0.909)	114	36047	31.5681	1700	80.00- 120.00	100.00
4.955	4.951	(0.909)	42	49614			113.41- 173.41	137.64
4.955	4.951	(0.909)	55	27410			42.66- 102.66	76.04
34 Isophorone						CAS #: 78-59-1		
5.030	5.030	(0.923)	82	145189	27.9875	1510	80.00- 120.00	100.00
5.031	5.030	(0.923)	138	22549			0.00- 46.17	15.53
5.031	5.030	(0.923)	95	12458			0.00- 37.96	8.58
35 2-Nitrophenol						CAS #: 88-75-5		
5.113	5.113	(0.938)	139	40901	32.7304	1760	80.00- 120.00	100.00
5.112	5.113	(0.938)	65	24296			31.12- 91.12	59.40
5.112	5.113	(0.938)	109	17363			10.40- 70.40	42.45
36 2,4-Dimethylphenol						CAS #: 105-67-9		
5.148	5.145	(0.944)	122	57489	31.4795	1700	80.00- 120.00	100.00
5.148	5.144	(0.944)	107	78544			106.00- 166.00	136.62
5.149	5.145	(0.945)	121	34407			29.82- 89.82	59.85
37 o,o,o-Triethylphosphorothioate						CAS #: 126-68-1		
5.248	5.247	(1.226)	198	45484	31.1861	1680	80.00- 120.00	100.00(Q)
5.248	5.247	(1.226)	97	34868			50.63- 110.63	76.66

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
37 o,o,o-Triethylphosphorothioate (continued)								
5.245	5.247 (1.225)		65	49988			37.34- 97.34	109.90
38 Bis(2-Chloroethoxy)methane						CAS #: 111-91-1		
5.236	5.237 (0.961)		93	129435	42.7402	2300	80.00- 120.00	100.00
5.235	5.237 (0.960)		95	32807			1.88- 61.88	25.35
5.236	5.237 (0.961)		123	13747			0.00- 43.63	10.62
39 a,a-Dimethylphenethylamine						CAS #: 122-09-8		
5.772	5.293 (1.059)		58	165469	27.5894	1490	80.00- 120.00	100.00(QM)
5.542	5.294 (1.017)		91	50863			0.00- 47.30	30.74
5.248	5.294 (0.963)		65	91642			0.00- 39.12	55.38
40 Benzoic Acid						CAS #: 65-85-0		
5.246	5.252 (0.963)		122	34947	28.2176	1520	80.00- 120.00	100.00
5.245	5.252 (0.962)		105	48040			110.92- 170.92	137.46
5.245	5.252 (0.962)		77	38244			91.39- 151.39	109.43
41 2,4-Dichlorophenol						CAS #: 120-83-2		
5.333	5.329 (0.979)		162	67115	31.4739	1700	80.00- 120.00	100.00
5.333	5.329 (0.978)		164	42729			32.64- 92.64	63.66
5.333	5.329 (0.978)		98	24547			6.25- 66.25	36.57
42 1,2,4-Trichlorobenzene						CAS #: 120-82-1		
5.411	5.413 (0.993)		180	74116	30.8622	1660	80.00- 120.00	100.00
5.412	5.413 (0.993)		182	69712			66.26- 126.26	94.06
5.411	5.413 (0.993)		145	20582			0.00- 58.63	27.77
* 43 Naphthalene-d8						CAS #: 1146-65-2		
5.451	5.448 (1.000)		136	246427	40.0000		80.00- 120.00	100.00
5.450	5.447 (1.000)		68	16306			0.00- 37.04	6.62
44 Naphthalene						CAS #: 91-20-3		
5.469	5.470 (1.003)		128	214407	32.9325	1780	80.00- 120.00	100.00
5.469	5.470 (1.003)		129	22523			0.00- 41.27	10.51
5.470	5.470 (1.003)		127	28734			0.00- 42.78	13.40
45 4-Chloroaniline						CAS #: 106-47-8		
5.540	5.539 (1.016)		127	71338	26.7651	1440	80.00- 120.00	100.00
5.540	5.539 (1.016)		129	22908			2.83- 62.83	32.11
5.540	5.538 (1.016)		65	26833			6.11- 66.11	37.61
46 2,6-Dichlorophenol						CAS #: 87-65-0		
5.548	5.546 (1.018)		162	63573	31.5535	1700	80.00- 120.00	100.00
5.547	5.545 (1.018)		63	53399			38.20- 98.20	84.00
5.548	5.545 (1.018)		98	18018			0.00- 57.00	28.34
47 Hexachloropropene						CAS #: 1888-71-7		
5.582	5.581 (1.024)		213	42177	21.8085	1180	80.00- 120.00	100.00
5.582	5.581 (1.024)		215	25943			33.82- 93.82	61.51
5.581	5.581 (1.024)		117	10424			0.00- 54.26	24.72
48 Hexachlorobutadiene						CAS #: 87-68-3		
5.638	5.639 (1.034)		225	57467	33.3608	1800	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
48 Hexachlorobutadiene (continued)								
5.638	5.639	(1.034)	223	34962			31.88- 91.88	60.84
5.638	5.639	(1.034)	227	35454			34.12- 94.12	61.69
49 N-Nitrosodi-n-butylamine						CAS #: 924-16-3		
5.875	5.875	(1.078)	84	73802	37.1605	2000	80.00- 120.00	100.00
5.875	5.875	(1.078)	57	45623			37.43- 97.43	61.82
5.875	5.874	(1.078)	41	48563			29.30- 89.30	65.80
50 Caprolactam						CAS #: 105-60-2		
5.850	5.825	(1.073)	55	34754	34.5050	1860	80.00- 120.00	100.00(a)
5.850	5.826	(1.073)	113	21518			41.91- 101.91	61.92
5.850	5.826	(1.073)	85	20810			25.27- 85.27	59.88
51 4-Chloro-3-methylphenol						CAS #: 59-50-7		
6.003	5.998	(1.101)	107	73597	32.1325	1730	80.00- 120.00	100.00
6.003	5.998	(1.101)	144	16574			0.00- 52.88	22.52
6.003	5.998	(1.101)	142	52944			41.55- 101.55	71.94
52 Isosafrole						CAS #: 120-58-1		
6.050	6.050	(1.110)	162	66931	36.3991	1960	80.00- 120.00	100.00
6.050	6.050	(1.110)	104	46183			37.73- 97.73	69.00
6.050	6.050	(1.110)	131	31502			18.60- 78.60	47.07
53 2-Methylnaphthalene						CAS #: 91-57-6		
6.126	6.128	(1.124)	142	138411	31.5651	1700	80.00- 120.00	100.00
6.126	6.128	(1.124)	141	117328			56.26- 116.26	84.77
54 1-Methylnaphthalene						CAS #: 90-12-0		
6.231	6.232	(1.143)	142	121906	30.2013	1630	80.00- 120.00	100.00
6.231	6.232	(1.143)	141	103712			60.54- 120.54	85.07
55 Hexachlorocyclopentadiene						CAS #: 77-47-4		
6.344	6.345	(0.887)	237	4575	6.92756	374	80.00- 120.00	100.00
6.344	6.345	(0.887)	235	3144			33.68- 93.68	68.71
6.344	6.345	(0.887)	272	328			0.00- 43.36	7.18
56 1,2,4,5-Tetrachlorobenzene						CAS #: 95-94-3		
6.326	6.326	(0.884)	216	78156	31.0183	1670	80.00- 120.00	100.00
6.326	6.326	(0.884)	214	62246			48.51- 108.51	79.64
6.326	6.325	(0.884)	108	15601			0.00- 49.85	19.96
57 2,4,6-Trichlorophenol						CAS #: 88-06-2		
6.425	6.425	(0.898)	196	51960	32.4747	1750	80.00- 120.00	100.00
6.426	6.425	(0.898)	198	49701			65.94- 125.94	95.65
6.425	6.425	(0.898)	200	17030			1.82- 61.82	32.78
58 2,4,5-Trichlorophenol						CAS #: 95-95-4		
6.465	6.462	(0.904)	196	56043	32.3655	1740	80.00- 120.00	100.00
6.465	6.463	(0.904)	198	53192			65.98- 125.98	94.91
6.464	6.462	(0.904)	97	33836			25.91- 85.91	60.38
$ 59 2-Fluorobiphenyl (SURR)						CAS #: 321-60-8		
6.498	6.501	(0.908)	172	204464	37.5941	2030	80.00- 120.00	100.00

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
$ 59 2-Fluorobiphenyl (SURR) (continued)								
6.498	6.500	(0.908)	171	71971			3.72- 63.72	35.20
60 Safrole						CAS #: 94-59-7		
6.544	6.543	(1.201)	162	67118	41.6910	2250	80.00- 120.00	100.00
6.544	6.542	(1.201)	104	39333			31.88- 91.88	58.60
6.544	6.542	(1.201)	77	23955			6.00- 66.00	35.69
61 1,1-Biphenyl						CAS #: 92-52-4		
6.583	6.583	(0.920)	154	170149	30.0559	1620	80.00- 120.00	100.00(a)
6.583	6.582	(0.920)	76	31298			0.00- 44.63	18.39
6.584	6.582	(0.920)	51	19770			0.00- 36.37	11.62
62 2-Chloronaphthalene						CAS #: 91-58-7		
6.595	6.597	(0.922)	162	141576	31.5011	1700	80.00- 120.00	100.00
6.595	6.597	(0.922)	164	45028			2.56- 62.56	31.81
6.594	6.596	(0.922)	127	60040			8.89- 68.89	42.41
63 2-Nitroaniline						CAS #: 88-74-4		
6.726	6.726	(0.940)	65	49159	31.4336	1690	80.00- 120.00	100.00
6.726	6.726	(0.940)	92	33301			35.06- 95.06	67.74
6.726	6.726	(0.940)	138	45634			61.12- 121.12	92.83
64 1,4-Naphthoquinone						CAS #: 130-15-4		
6.770	6.768	(0.946)	158	17463	11.0298	595	80.00- 120.00	100.00
6.770	6.767	(0.946)	102	15148			55.26- 115.26	86.74
6.770	6.767	(0.946)	130	8458			16.15- 76.15	48.43
65 Dimethylphthalate						CAS #: 131-11-3		
6.934	6.934	(0.969)	163	179475	33.8004	1820	80.00- 120.00	100.00
6.934	6.935	(0.969)	194	10382			0.00- 36.09	5.79
6.933	6.934	(0.969)	164	17919			0.00- 40.21	9.98
66 1,3-Dinitrobenzene						CAS #: 99-65-0		
6.950	6.946	(0.972)	168	26783	33.6313	1810	80.00- 120.00	100.00(Q)
6.949	6.945	(0.971)	75	39427			83.79- 143.79	147.21
6.947	6.945	(0.971)	50	40321			59.09- 119.09	150.54
67 2,6-Dinitrotoluene						CAS #: 606-20-2		
6.999	7.001	(0.978)	165	38971	32.3224	1740	80.00- 120.00	100.00
6.998	7.001	(0.978)	89	27356			35.55- 95.55	70.20
7.000	7.002	(0.979)	63	40342			66.05- 126.05	103.52
68 Acenaphthylene						CAS #: 208-96-8		
7.004	7.006	(0.979)	152	225091	32.0029	1720	80.00- 120.00	100.00
7.004	7.005	(0.979)	151	45137			0.00- 50.14	20.05
7.004	7.005	(0.979)	153	30138			0.00- 42.93	13.39
69 3-Nitroaniline						CAS #: 99-09-2		
7.131	7.133	(0.997)	138	36347	31.8505	1720	80.00- 120.00	100.00
7.131	7.133	(0.997)	108	4616			0.00- 41.98	12.70
7.130	7.132	(0.997)	92	47744			99.78- 159.78	131.35

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
* 70 Acenaphthene-d10						CAS #: 15067-26-2		
7.153	7.152 (1.000)		164	152208	40.0000		80.00- 120.00	100.00
7.153	7.152 (1.000)		162	145252			64.46- 124.46	95.43
7.154	7.152 (1.000)		160	62054			12.05- 72.05	40.77
71 Acenaphthene						CAS #: 83-32-9		
7.184	7.186 (1.004)		154	128335	31.6395	1710	80.00- 120.00	100.00
7.184	7.186 (1.004)		153	136507			77.53- 137.53	106.37
7.185	7.186 (1.004)		152	65518			20.98- 80.98	51.05
72 2,4-Dinitrophenol						CAS #: 51-28-5		
7.232	7.231 (1.011)		184	45280	60.0198	3240	80.00- 120.00	100.00
7.231	7.230 (1.011)		63	33442			40.72- 100.72	73.86
7.232	7.231 (1.011)		154	29094			33.64- 93.64	64.25
73 Pentachlorobenzene						CAS #: 608-93-5		
7.363	7.361 (1.029)		250	70186	30.2407	1630	80.00- 120.00	100.00
7.363	7.361 (1.029)		252	45528			33.38- 93.38	64.87
7.362	7.360 (1.029)		108	21708			0.00- 57.99	30.93
74 4-Nitrophenol						CAS #: 100-02-7		
7.306	7.298 (1.021)		109	34020	35.5238	1920	80.00- 120.00	100.00
7.306	7.298 (1.021)		139	26975			60.88- 120.88	79.29
7.306	7.298 (1.021)		65	38299			76.22- 136.22	112.58
75 Dibenzofuran						CAS #: 132-64-9		
7.339	7.340 (1.026)		168	201961	32.4834	1750	80.00- 120.00	100.00
7.338	7.340 (1.026)		139	87010			11.35- 71.35	43.08
76 2,4-Dinitrotoluene						CAS #: 121-14-2		
7.379	7.380 (1.032)		165	51568	33.7566	1820	80.00- 120.00	100.00
7.378	7.379 (1.031)		63	25866			18.57- 78.57	50.16
7.379	7.379 (1.031)		89	43564			48.14- 108.14	84.48
77 1-Naphthylamine						CAS #: 134-32-7		
7.421	7.419 (1.037)		143	50688	12.1449	655	80.00- 120.00	100.00
7.421	7.419 (1.037)		115	26429			23.29- 83.29	52.14
7.429	7.419 (1.039)		89	8163			0.00- 40.52	16.10
78 2,3,4,6-Tetrachlorophenol						CAS #: 58-90-2		
7.504	7.501 (1.049)		232	49955	38.3090	2060	80.00- 120.00	100.00
7.504	7.501 (1.049)		168	14701			0.00- 59.14	29.43
7.504	7.501 (1.049)		131	23141			17.57- 77.57	46.32
79 2-Naphthylamine						CAS #: 91-59-8		
7.492	7.490 (1.047)		143	59555	12.6781	684	80.00- 120.00	100.00
7.492	7.490 (1.047)		115	34271			24.10- 84.10	57.55
7.492	7.490 (1.047)		116	14453			0.00- 52.92	24.27
80 Diethylphthalate						CAS #: 84-66-2		
7.621	7.625 (1.065)		149	170223	32.6275	1760	80.00- 120.00	100.00
7.622	7.625 (1.065)		177	37598			0.00- 52.69	22.09
7.621	7.625 (1.065)		150	21759			0.00- 42.39	12.78

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
81 Fluorene						CAS #: 86-73-7		
7.675	7.676	(1.073)	166	171717	31.3835	1690	80.00- 120.00	100.00
7.675	7.676	(1.073)	165	160128			63.07- 123.07	93.25
7.675	7.676	(1.073)	167	24278			0.00- 43.52	14.14
82 4-Chlorophenyl-phenylether						CAS #: 7005-72-3		
7.674	7.676	(1.073)	204	89839	31.2606	1680	80.00- 120.00	100.00
7.674	7.676	(1.073)	206	30430			3.02- 63.02	33.87
7.674	7.676	(1.073)	141	54861			30.82- 90.82	61.07
83 5-Nitro-ortho-toluidine						CAS #: 99-55-8		
7.720	7.717	(1.079)	152	46222	33.0542	1780	80.00- 120.00	100.00
7.719	7.717	(1.079)	106	35017			47.54- 107.54	75.76
7.719	7.717	(1.079)	77	48358			82.28- 142.28	104.62
84 4-Nitroaniline						CAS #: 100-01-6		
7.733	7.736	(1.081)	138	35298	34.0590	1840	80.00- 120.00	100.00
7.733	7.736	(1.081)	92	20758			27.15- 87.15	58.81
7.733	7.736	(1.081)	108	41586			88.04- 148.04	117.81
85 4,6-Dinitro-2-methylphenol						CAS #: 534-52-1		
7.774	7.777	(0.905)	198	31266	32.1316	1730	80.00- 120.00	100.00
7.774	7.777	(0.905)	51	14262			14.16- 74.16	45.61
7.774	7.777	(0.905)	105	13116			11.29- 71.29	41.95
86 N-Nitrosodiphenylamine						CAS #: 86-30-6		
7.797	7.800	(0.908)	169	113904	34.8267	1880	80.00- 120.00	100.00
7.797	7.800	(0.908)	168	77916			39.06- 99.06	68.40
7.797	7.800	(0.908)	167	40402			3.54- 63.54	35.47
87 1,2-Diphenylhydrazine						CAS #: 122-66-7		
7.828	7.831	(1.094)	77	213292	35.5993	1920	80.00- 120.00	100.00
7.828	7.831	(1.094)	105	27125			0.00- 44.92	12.72
7.829	7.831	(1.094)	182	47366			0.00- 54.72	22.21
$ 88 2,4,6-Tribromophenol (SURR)						CAS #: 118-79-6		
7.931	7.933	(1.109)	330	76673	81.5286	4400	80.00- 120.00	100.00
7.931	7.933	(1.109)	332	73573			66.28- 126.28	95.96
7.930	7.932	(1.109)	141	29780			8.36- 68.36	38.84
89 Diallate						CAS #: 2303-16-4		
8.117	8.117	(1.135)	86	81948	32.0043	1720	80.00- 120.00	100.00(M)
8.117	8.117	(1.135)	43	80556			93.08- 153.08	98.30
8.117	8.117	(1.135)	234	36150			20.19- 80.19	44.11
90 1,3,5-Trinitrobenzene						CAS #: 99-35-4		
8.115	8.106	(1.134)	75	41080	13.9232	751	80.00- 120.00	100.00(R)
8.115	8.106	(1.134)	74	24274			30.79- 90.79	59.09
8.115	8.107	(1.134)	213	16227			9.09- 69.09	39.50
91 p-Phenylenediamine						CAS #: 106-50-3		
8.139	8.140	(0.948)	108	90859	34.0071	1830	80.00- 120.00	100.00
8.139	8.140	(0.948)	80	19480			0.00- 51.01	21.44

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
91 p-Phenylenediamine (continued)								
8.139	8.140	(0.948)	53	12451			0.00- 42.73	13.70
92 Phenacetin						CAS #: 62-44-2		
8.139	8.140	(0.948)	109	93607	34.1943	1840	80.00- 120.00	100.00
8.139	8.140	(0.948)	108	90859			70.57- 130.57	97.07
8.140	8.140	(0.948)	179	47044			23.15- 83.15	50.26
93 4-Bromophenylphenylether						CAS #: 101-55-3		
8.147	8.150	(0.949)	248	53998	34.2620	1850	80.00- 120.00	100.00
8.147	8.150	(0.949)	250	53921			67.16- 127.16	99.86
8.146	8.149	(0.948)	141	42591			47.24- 107.24	78.87
94 Hexachlorobenzene						CAS #: 118-74-1		
8.292	8.294	(0.965)	284	57840	32.5772	1760	80.00- 120.00	100.00
8.291	8.293	(0.965)	142	22581			8.61- 68.61	39.04
8.291	8.293	(0.965)	249	18102			1.11- 61.11	31.30
95 Atrazine						CAS #: 1912-24-9		
8.352	8.350	(0.972)	200	37991	27.1511	1460	80.00- 120.00	100.00(a)
8.351	8.350	(0.972)	58	16157			11.21- 71.21	42.53
8.353	8.351	(0.973)	215	19035			21.53- 81.53	50.10
96 Pentachlorophenol						CAS #: 87-86-5		
8.469	8.468	(0.986)	266	44101	38.9314	2100	80.00- 120.00	100.00
8.469	8.469	(0.986)	264	25542			29.62- 89.62	57.92
8.469	8.469	(0.986)	268	27718			31.94- 91.94	62.85
97 Pentachloronitrobenzene						CAS #: 82-68-8		
8.546	8.544	(0.995)	237	28594	35.1312	1890	80.00- 120.00	100.00
8.546	8.544	(0.995)	295	10369			7.36- 67.36	36.26
8.546	8.543	(0.995)	142	18751			37.74- 97.74	65.58
98 4-Aminobiphenyl						CAS #: 92-67-1		
8.410	8.410	(0.979)	169	90390	17.8377	962	80.00- 120.00	100.00
8.410	8.411	(0.979)	168	17886			0.00- 50.97	19.79
8.410	8.410	(0.979)	115	10210			0.00- 41.00	11.30
99 Pronamide						CAS #: 23950-58-5		
8.508	8.508	(0.991)	173	84740	34.9869	1890	80.00- 120.00	100.00
8.508	8.508	(0.991)	175	56406			37.80- 97.80	66.56
8.508	8.508	(0.991)	145	29353			6.63- 66.63	34.64
* 100 Phenanthrene-d10						CAS #: 1517-22-2		
8.589	8.590	(1.000)	188	254051	40.0000		80.00- 120.00	100.00
8.589	8.589	(1.000)	94	26531			0.00- 40.25	10.44
8.589	8.589	(1.000)	80	28186			0.00- 40.32	11.09
101 Phenanthrene						CAS #: 85-01-8		
8.611	8.612	(1.003)	178	276264	39.6701	2140	80.00- 120.00	100.00
8.611	8.612	(1.003)	179	42282			0.00- 45.34	15.31
8.611	8.612	(1.003)	176	51365			0.00- 49.07	18.59

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
102 Dinoseb							CAS #: 88-85-7	
8.649	8.648	(1.007)	211	42080	31.9508	1720	80.00- 120.00	100.00
8.649	8.648	(1.007)	163	20235			15.42- 75.42	48.09
8.649	8.648	(1.007)	117	11576			0.00- 58.32	27.51
103 Anthracene							CAS #: 120-12-7	
8.655	8.656	(1.008)	178	238713	38.5109	2080	80.00- 120.00	100.00
8.654	8.656	(1.008)	179	37449			0.00- 45.11	15.69
8.654	8.656	(1.008)	176	44454			0.00- 48.47	18.62
104 Carbazole							CAS #: 86-74-8	
8.816	8.817	(1.026)	167	213723	34.7761	1880	80.00- 120.00	100.00
8.816	8.817	(1.026)	139	29440			0.00- 43.52	13.78
8.816	8.817	(1.026)	83	19609			0.00- 38.77	9.18
105 Di-n-butylphthalate							CAS #: 84-74-2	
9.210	9.213	(1.072)	149	295127	35.5608	1920	80.00- 120.00	100.00
9.210	9.213	(1.072)	150	26357			0.00- 39.15	8.93
9.210	9.213	(1.072)	104	18404			0.00- 36.36	6.24
106 4-Nitroquinoline-1-oxide							CAS #: 56-57-5	
9.387	9.383	(1.093)	174	1069	11.8770	640	80.00- 120.00	100.00(Q)
9.390	9.391	(1.093)	128	3177			153.29- 213.29	297.01
9.390	9.391	(1.093)	101	4971			205.11- 265.11	464.64
107 Methapyrilene							CAS #: 91-80-5	
9.493	9.492	(1.105)	97	14788	7.79000	420	80.00- 120.00	100.00(QM)
9.493	9.492	(1.105)	58	17984			94.06- 154.06	121.61
9.493	9.492	(1.105)	191	3006			80.03- 140.03	20.33
108 Isodrin							CAS #: 465-73-6	
9.650	9.650	(1.124)	193	32351	35.6669	1920	80.00- 120.00	100.00
9.650	9.650	(1.124)	66	24536			60.69- 120.69	75.84
9.651	9.650	(1.124)	195	27767			56.15- 116.15	85.83
109 Fluoranthene							CAS #: 206-44-0	
9.781	9.784	(1.139)	202	310525	40.7022	2190	80.00- 120.00	100.00
9.781	9.784	(1.139)	101	33209			0.00- 41.05	10.69
9.781	9.784	(1.139)	203	52348			0.00- 47.10	16.86
111 Pyrene							CAS #: 129-00-0	
10.000	10.003	(0.893)	202	304948	39.0031	2100	80.00- 120.00	100.00
10.000	10.003	(0.893)	200	62449			0.00- 50.24	20.48
10.000	10.003	(0.893)	203	55475			0.00- 47.31	18.19
$ 112 Terphenyl-d14 (SURR)							CAS #: 1718-51-0	
10.161	10.165	(0.908)	244	215679	35.5021	1910	80.00- 120.00	100.00
10.160	10.165	(0.908)	122	21569			0.00- 40.22	10.00
10.161	10.165	(0.908)	212	16907			0.00- 38.02	7.84
113 Aramite							CAS #: 140-57-8	
10.238	10.238	(0.914)	185	30078	25.7278	1390	80.00- 120.00	100.00(M)
10.238	10.166	(0.914)	191	15299			16.01- 76.01	50.86

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
113 Aramite (continued)								
10.166	10.166	(0.908)	319	8008			0.00- 57.21	26.62
114 p-Dimethylamino azobenzene						CAS #: 60-11-7		
10.317	10.317	(0.921)	225	58806	30.8634	1660	80.00- 120.00	100.00
10.317	10.317	(0.921)	120	77262			97.92- 157.92	131.38
10.316	10.317	(0.921)	77	54212			59.27- 119.27	92.19
115 Chlorobenzilate						CAS #: 510-15-6		
10.369	10.370	(0.926)	251	82589	31.0505	1670	80.00- 120.00	100.00
10.369	10.370	(0.926)	253	53660			33.29- 93.29	64.97
10.368	10.370	(0.926)	139	94012			80.53- 140.53	113.83
116 Kepone						CAS #: 143-50-0		
10.680	10.674	(0.954)	272	16996	22.4515	1210	80.00- 120.00	100.00
10.682	10.671	(0.954)	274	12692			41.90- 101.90	74.68
10.681	10.671	(0.954)	237	8453			14.83- 74.83	49.74
117 3,3-Dimethylbenzidine						CAS #: 119-93-7		
10.640	10.639	(0.950)	212	15021	3.18069	172	80.00- 120.00	100.00(R)
10.638	10.638	(0.950)	106	734			0.00- 39.45	4.89
10.639	10.638	(0.950)	180	785			0.00- 37.73	5.23
118 Butylbenzylphthalate						CAS #: 85-68-7		
10.674	10.676	(0.953)	149	141524	37.7320	2030	80.00- 120.00	100.00
10.674	10.676	(0.953)	91	107535			45.70- 105.70	75.98
10.674	10.677	(0.953)	206	30666			0.00- 52.77	21.67
119 2-Acetylaminofluorene						CAS #: 53-96-3		
10.906	10.904	(0.974)	181	122905	32.5506	1760	80.00- 120.00	100.00
10.906	10.904	(0.974)	223	70541			26.67- 86.67	57.40
10.905	10.904	(0.974)	180	97703			48.93- 108.93	79.49
120 Benzo[a]anthracene						CAS #: 56-55-3		
11.179	11.182	(0.999)	228	302205	39.0857	2110	80.00- 120.00	100.00
11.179	11.182	(0.999)	229	62638			0.00- 49.45	20.73
11.179	11.183	(0.998)	226	81606			0.00- 56.42	27.00
* 121 Chrysene-d12						CAS #: 1719-03-5		
11.196	11.192	(1.000)	240	295435	40.0000		80.00- 120.00	100.00
11.195	11.192	(1.000)	120	28525			0.00- 39.71	9.66
11.196	11.192	(1.000)	236	71594			0.00- 54.77	24.23
122 3,3'-Dichlorobenzidine						CAS #: 91-94-1		
11.166	11.164	(0.997)	252	156096	50.2290	2710	80.00- 120.00	100.00
11.166	11.164	(0.997)	254	101229			33.67- 93.67	64.85
11.165	11.164	(0.997)	126	19180			0.00- 41.62	12.29
123 Chrysene						CAS #: 218-01-9		
11.221	11.225	(1.002)	228	288637	37.8552	2040	80.00- 120.00	100.00
11.221	11.224	(1.002)	226	83622			0.00- 59.53	28.97
11.221	11.224	(1.002)	229	57233			0.00- 49.53	19.83

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
124 Bis-2-Ethylhexylphthalate							CAS #: 117-81-7	
11.257	11.260	(1.005)	149	216848	41.9172	2260	80.00- 120.00	100.00
11.257	11.260	(1.005)	167	62124			0.00- 59.57	28.65
11.257	11.261	(1.005)	279	15556			0.00- 37.60	7.17
125 Di-n-octylphthalate							CAS #: 117-84-0	
11.823	11.826	(0.945)	149	343696	32.4939	1750	80.00- 120.00	100.00
11.823	11.825	(0.945)	167	5961			0.00- 31.64	1.73
11.823	11.825	(0.945)	43	28082			0.00- 38.30	8.17
126 7,12-Dimethylbenz(a)anthracen							CAS #: 57-97-6	
12.194	12.189	(0.974)	256	121309	31.3266	1690	80.00- 120.00	100.00
12.194	12.189	(0.974)	241	68192			25.35- 85.35	56.21
12.194	12.189	(0.974)	239	58062			15.82- 75.82	47.86
127 Benzo[b]fluoranthene							CAS #: 205-99-2	
12.182	12.190	(0.973)	252	318332	38.1388	2060	80.00- 120.00	100.00(M)
12.203	12.190	(0.975)	253	146864			0.00- 52.61	46.14
12.202	12.182	(0.975)	125	58993			0.00- 38.58	18.53
128 Benzo[k]fluoranthene							CAS #: 207-08-9	
12.206	12.206	(0.975)	252	402557	43.1099	2320	80.00- 120.00	100.00(M)
12.203	12.206	(0.975)	253	146864			0.00- 50.90	36.48
12.202	12.206	(0.975)	125	58994			0.00- 37.20	14.65
129 Benzo[a]pyrene							CAS #: 50-32-8	
12.465	12.468	(0.996)	252	316163	41.3531	2230	80.00- 120.00	100.00
12.465	12.468	(0.996)	253	86059			0.00- 53.21	27.22
12.464	12.468	(0.996)	125	32691			0.00- 39.15	10.34
* 130 Perylene-d12							CAS #: 1520-96-3	
12.515	12.511	(1.000)	264	292946	40.0000		80.00- 120.00	100.00
12.515	12.511	(1.000)	260	66834			0.00- 52.17	22.81
12.515	12.511	(1.000)	265	63912			0.00- 51.14	21.82
131 3-Methylcholanthrene							CAS #: 56-49-5	
12.800	12.798	(1.023)	268	150929	53.6845	2890	80.00- 120.00	100.00(R)
12.800	12.798	(1.023)	252	65490			12.74- 72.74	43.39
12.800	12.798	(1.023)	253	57861			7.80- 67.80	38.34
132 Dibenz(a,j)acridine							CAS #: 224-42-0	
13.346	13.342	(1.066)	279	203955	33.2551	1790	80.00- 120.00	100.00
13.345	13.342	(1.066)	280	48007			0.00- 52.58	23.54
13.345	13.341	(1.066)	277	31105			0.00- 44.34	15.25
133 Indeno[1,2,3-cd]pyrene							CAS #: 193-39-5	
13.548	13.550	(1.083)	276	320664	37.3689	2010	80.00- 120.00	100.00
13.549	13.552	(1.083)	138	70782			0.00- 52.45	22.07
13.549	13.552	(1.083)	277	84066			0.00- 55.70	26.22
134 Dibenz[a,h]anthracene							CAS #: 53-70-3	
13.552	13.556	(1.083)	278	267420	36.9733	1990	80.00- 120.00	100.00
13.551	13.555	(1.083)	139	36557			0.00- 44.10	13.67

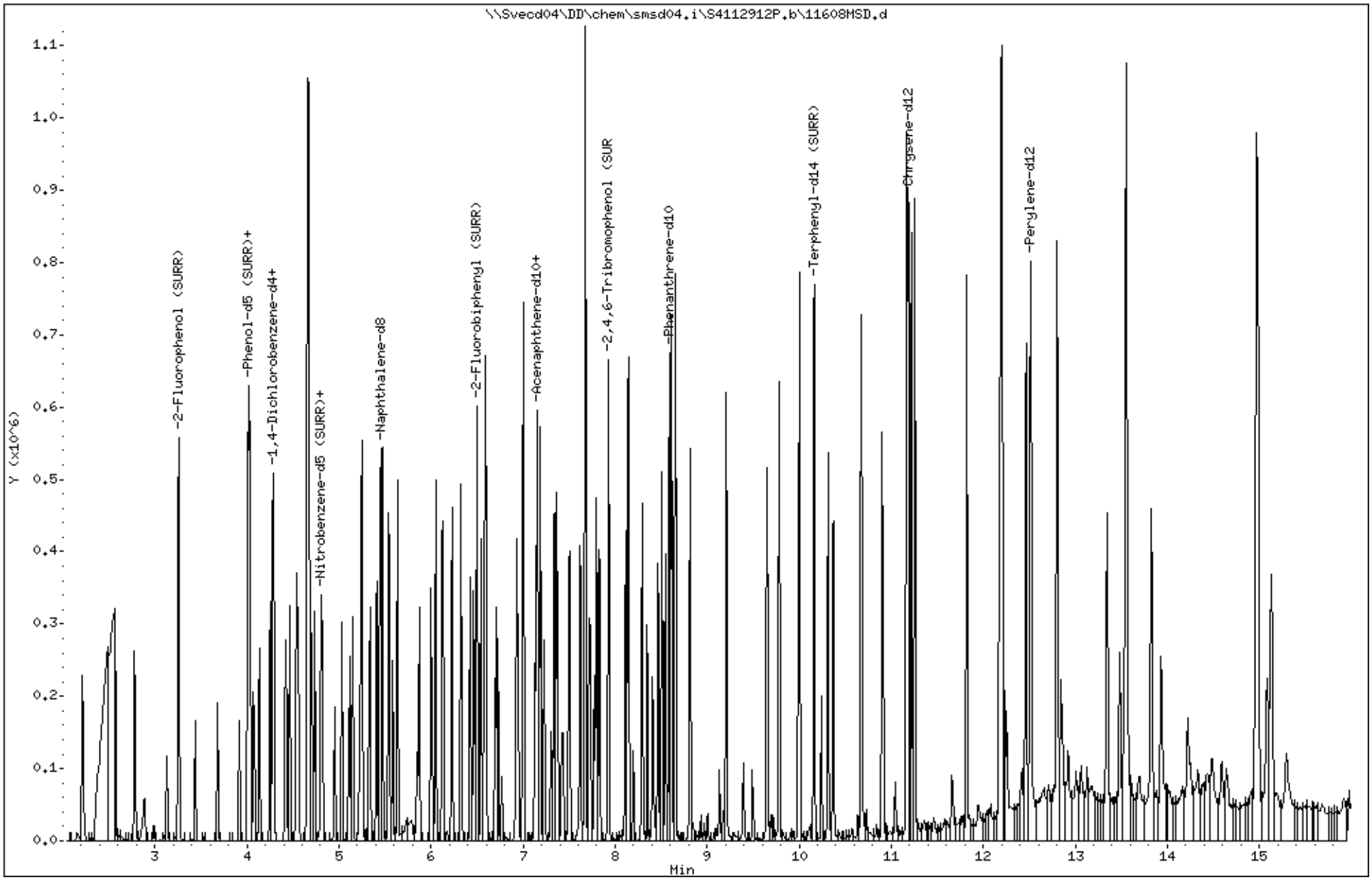
RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
134 Dibenz[a,h]anthracene (continued)								
13.552	13.556	(1.083)	279	63498			0.00- 53.58	23.74
135 Benzo[g,h,i]perylene							CAS #: 191-24-2	
13.828	13.832	(1.105)	276	252882	37.0087	2000	80.00- 120.00	100.00
13.828	13.831	(1.105)	138	45114			0.00- 48.69	17.84
13.828	13.832	(1.105)	277	58529			0.00- 53.65	23.14

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

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Sample Info: SW154213MSD

Instrument: smsd04.i
Operator: MJ
Column phase: HPMS-5
Column diameter: 0.25



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Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

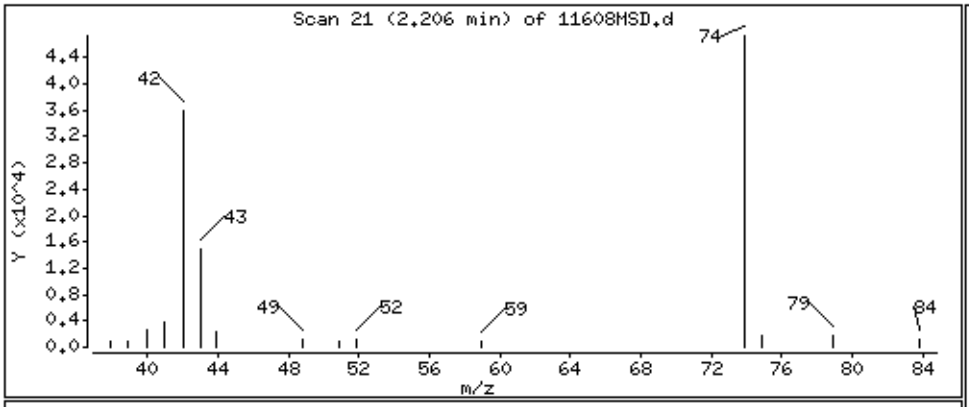
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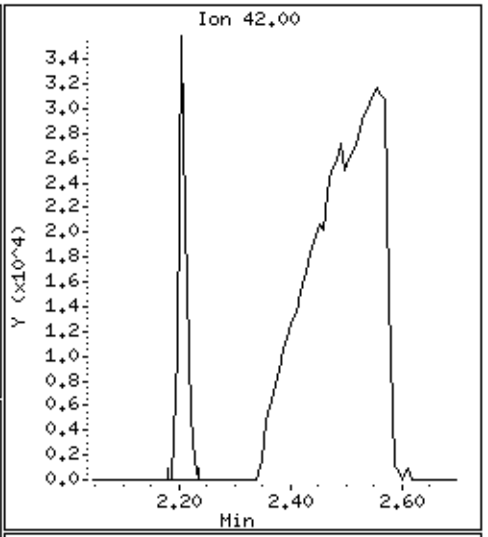
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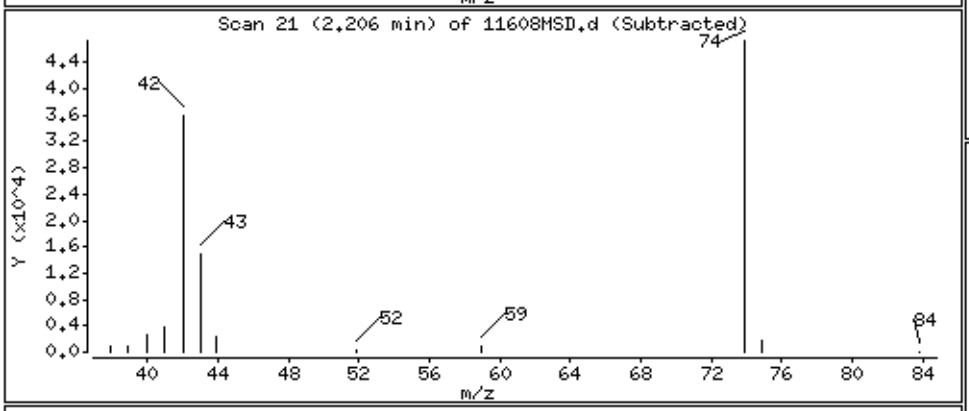
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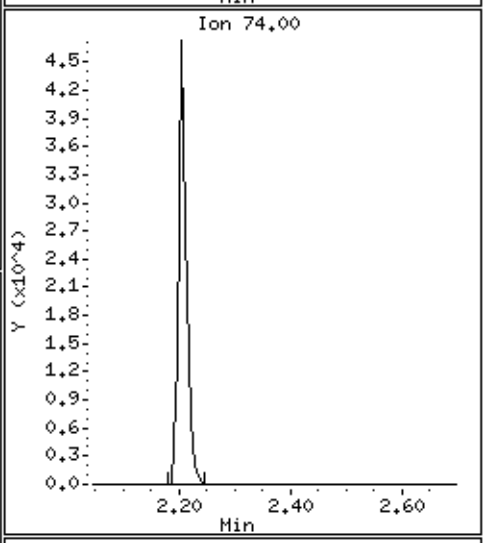
1 N-Nitrosodimethylamine

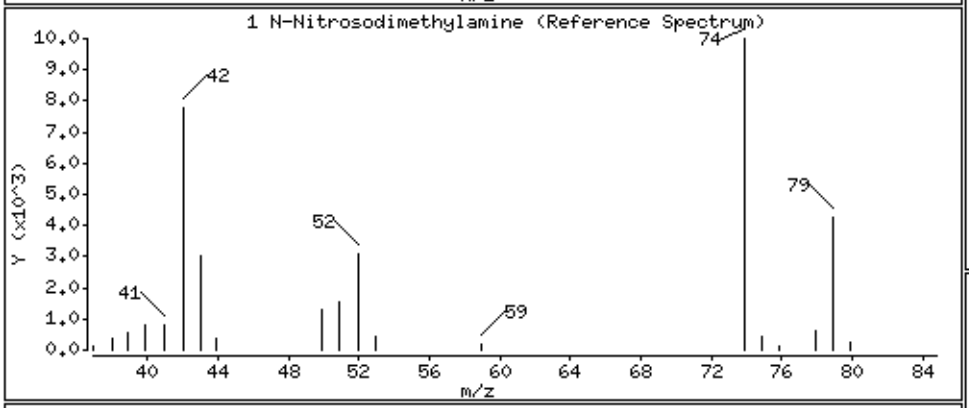
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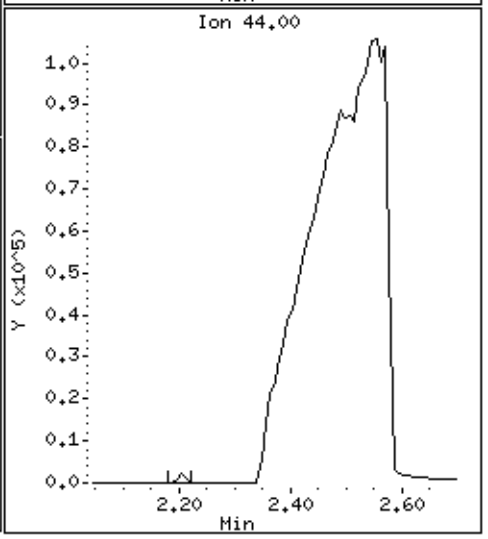


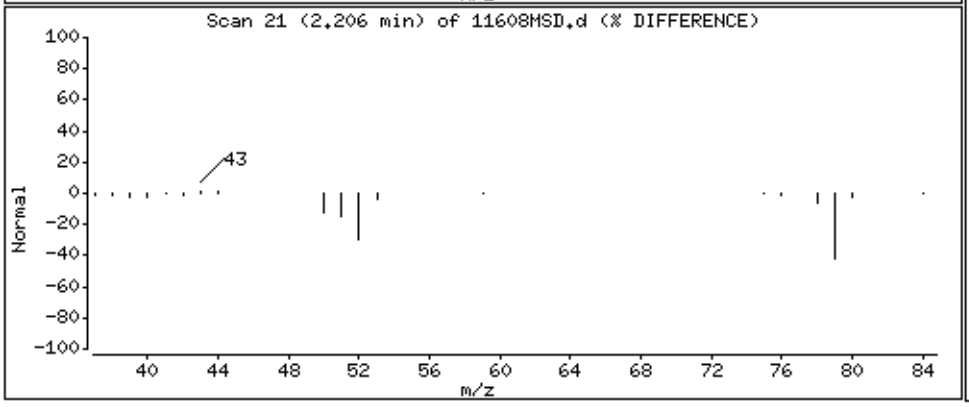












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Instrument: smsd04.i

Sample Info: SW154213MSD

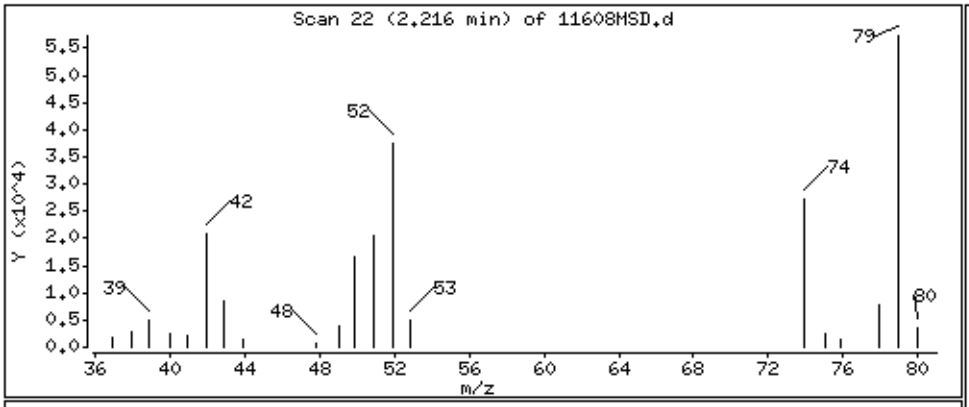
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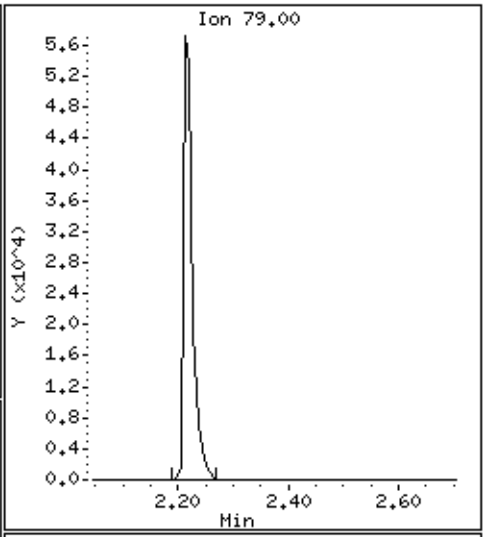
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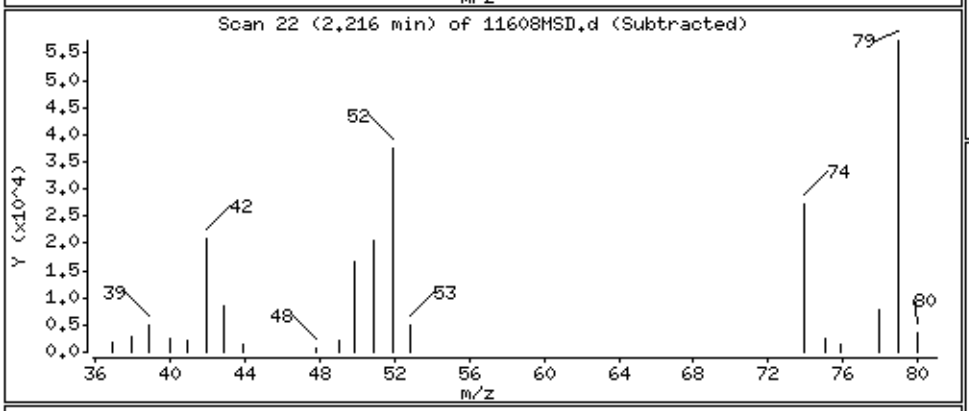
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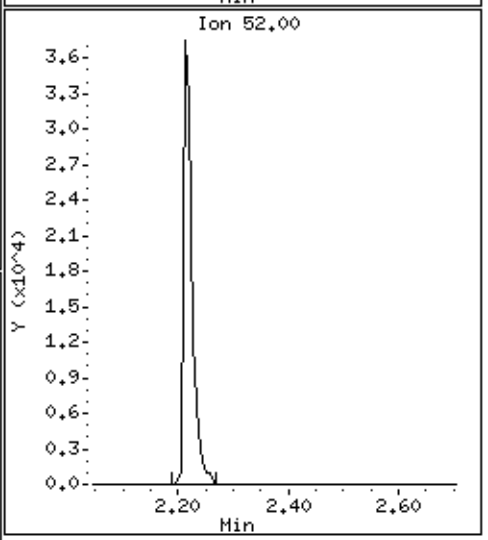
2 Pyridine

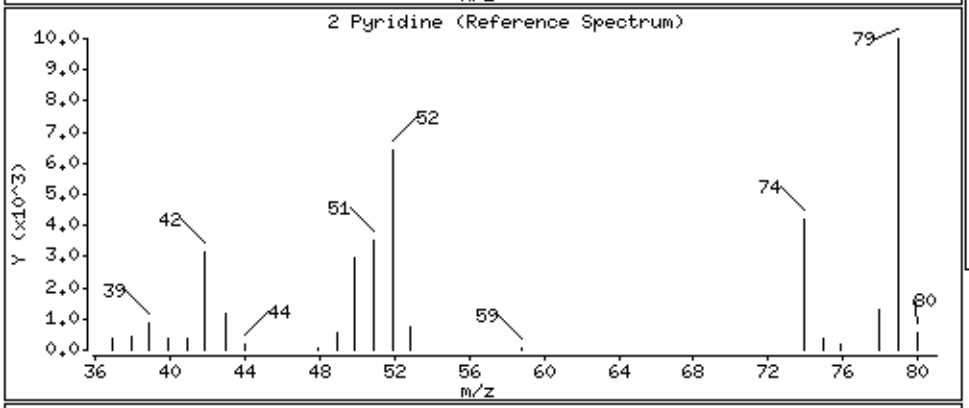
Concentration: 1360 ug/kg

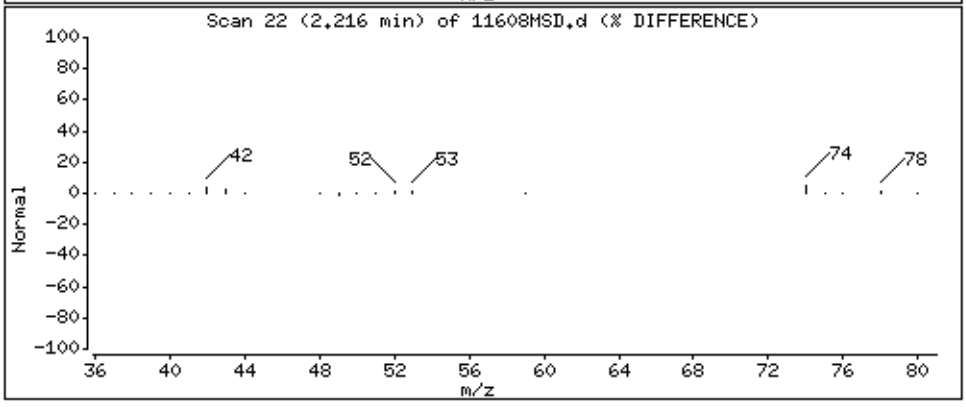












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

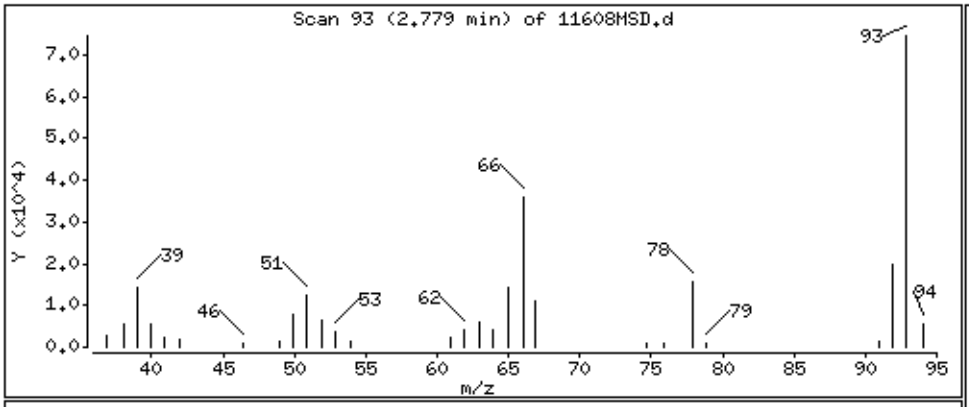
Operator: MJ

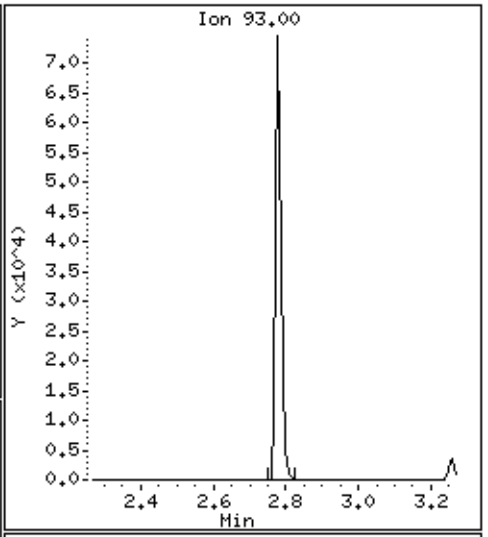
Column phase: HPMS-5

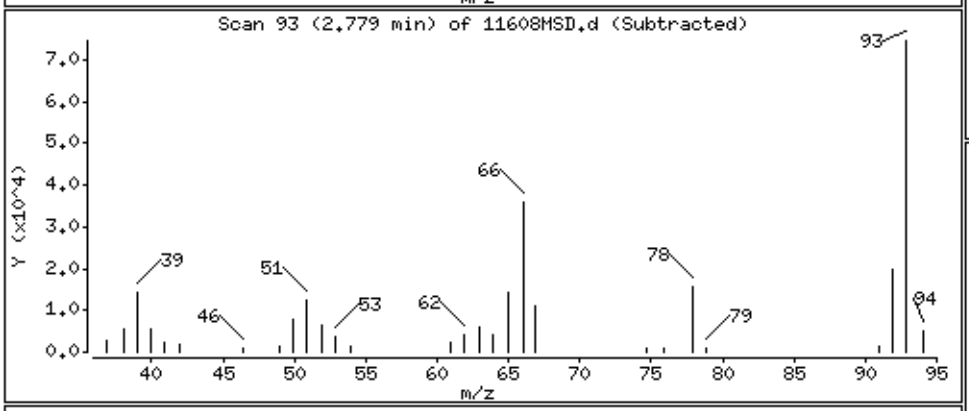
Column diameter: 0.25

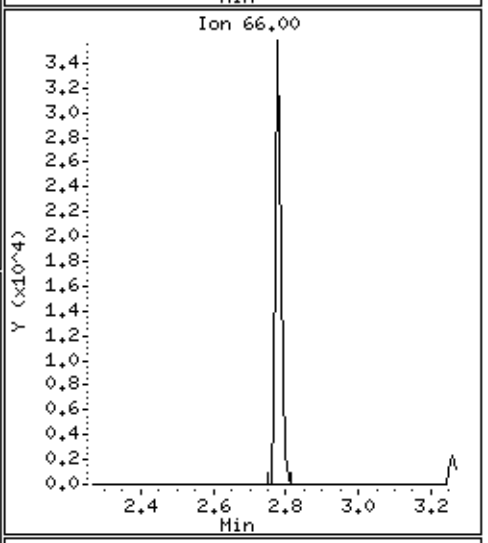
3 2- Picoline

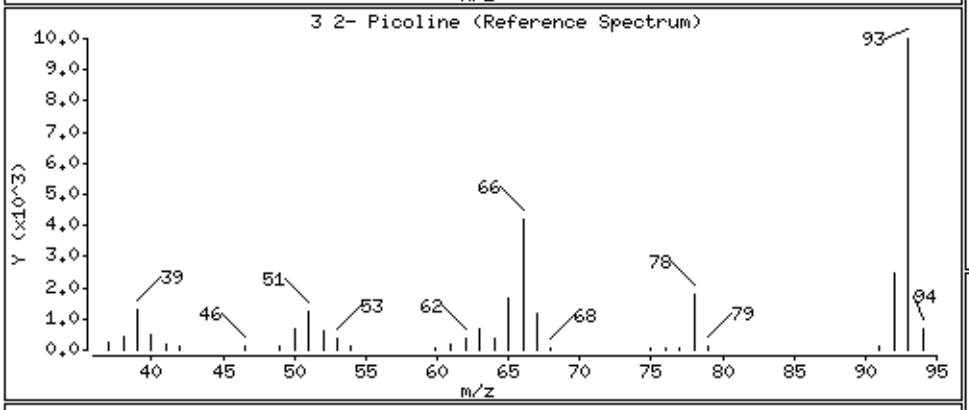
Concentration: 1460 ug/kg

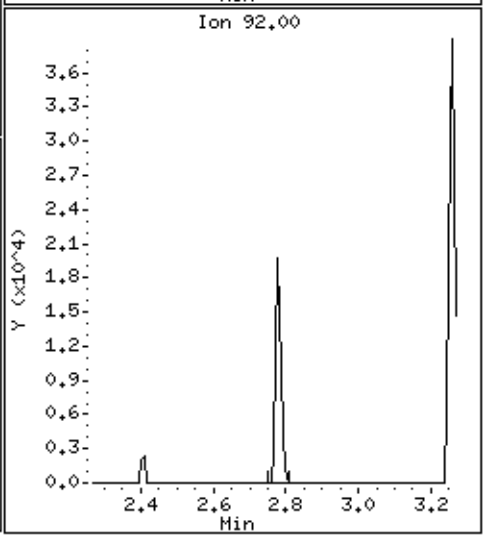


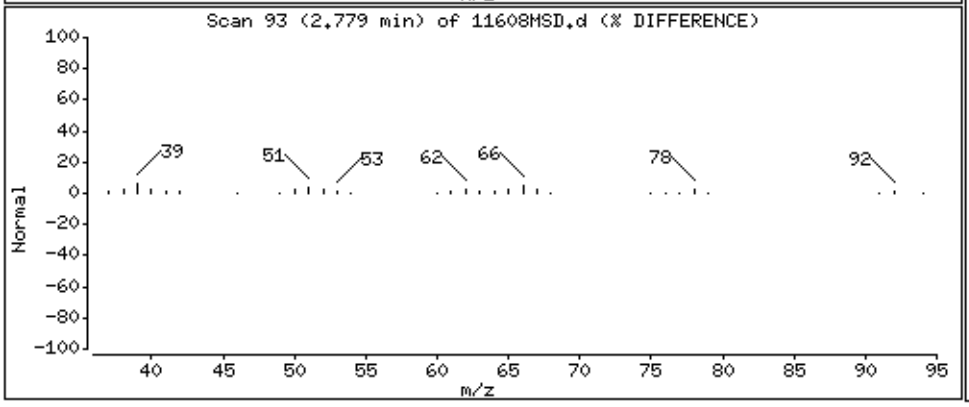












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

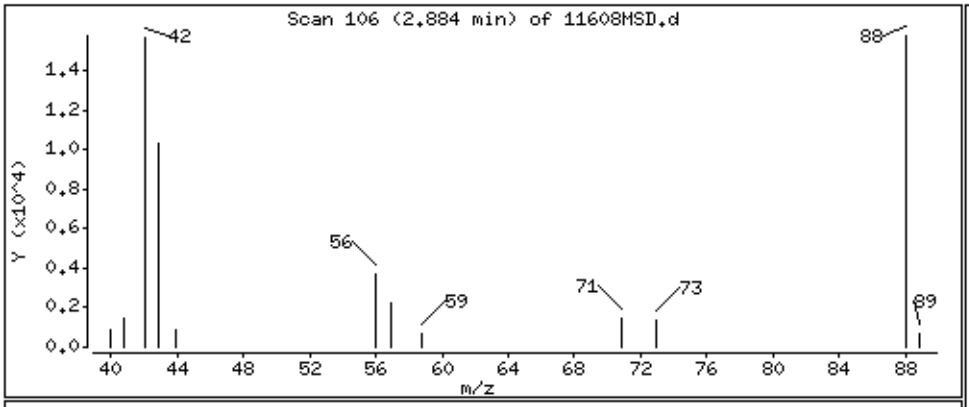
Operator: MJ

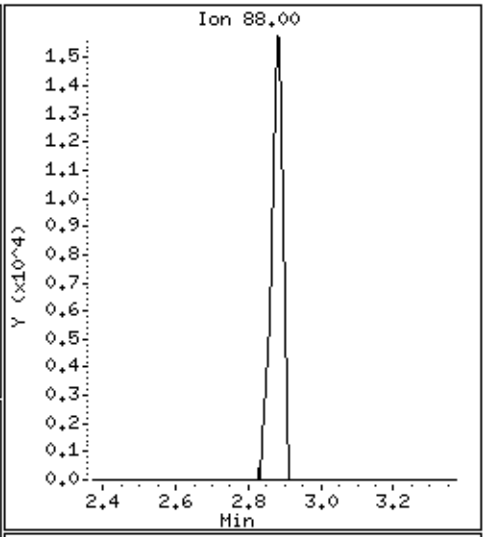
Column phase: HPMS-5

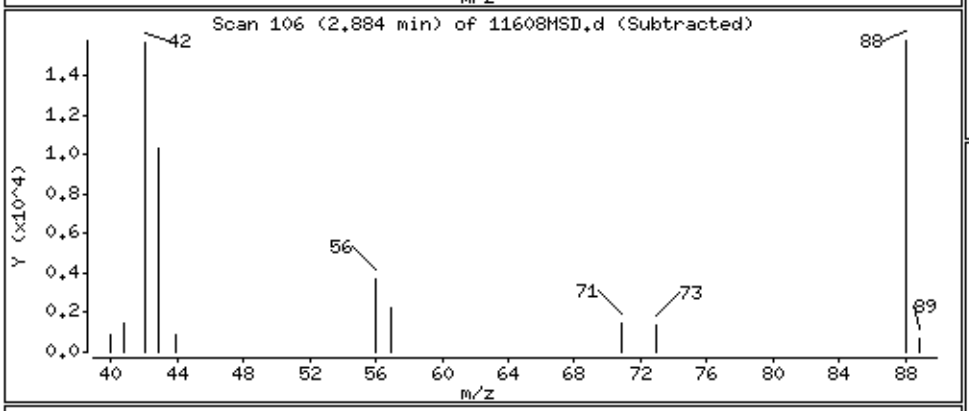
Column diameter: 0.25

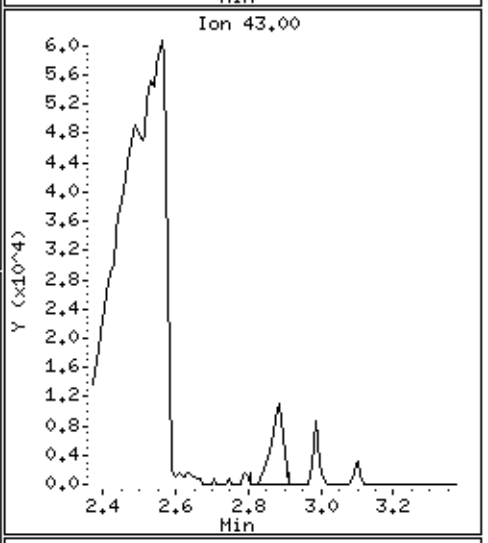
4 N-Nitrosomethylethylamine

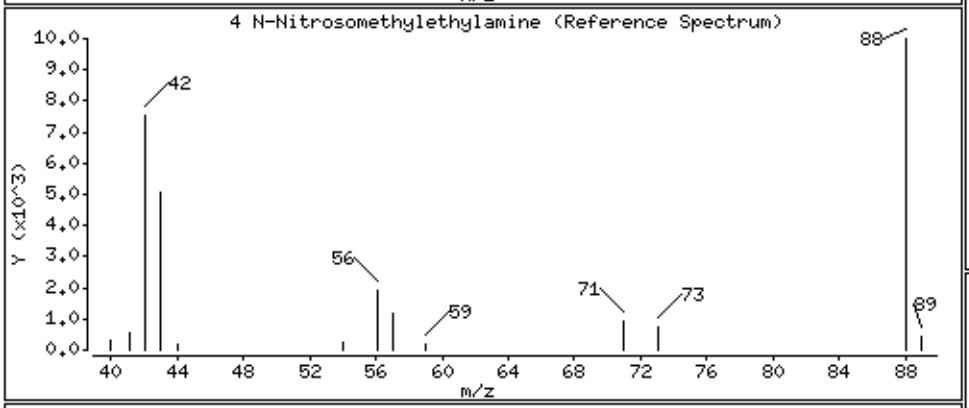
Concentration: 1490 ug/kg

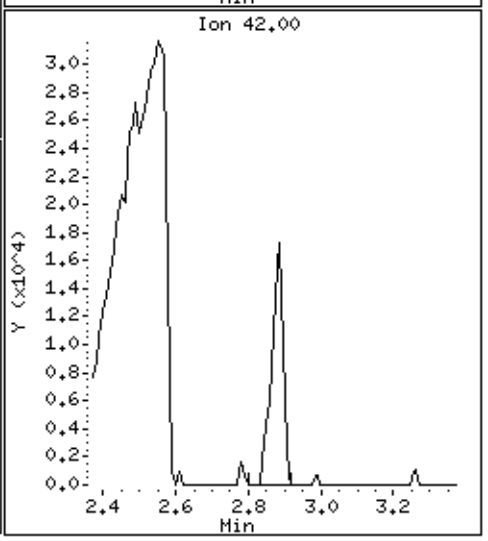


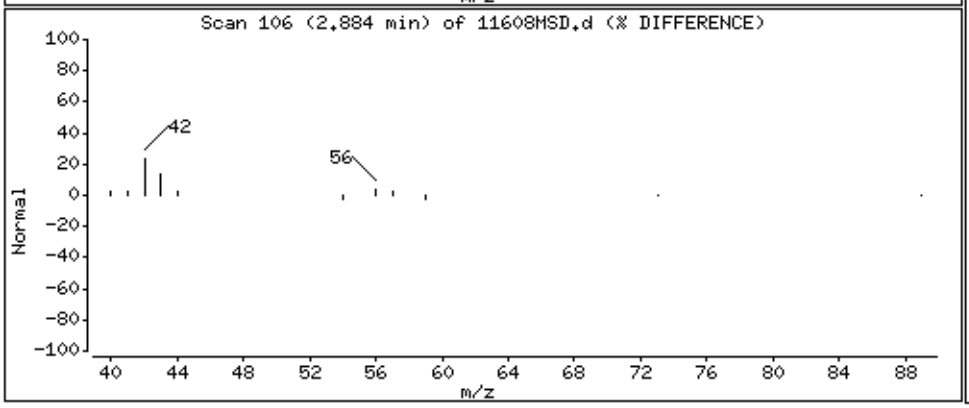












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

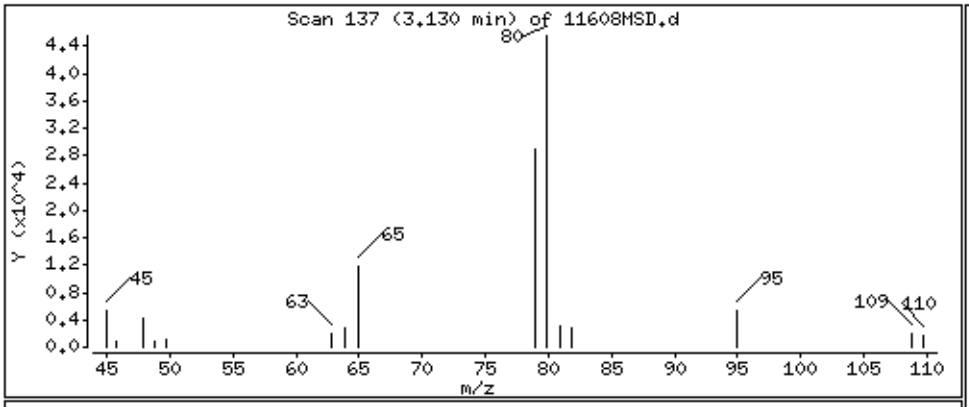
Operator: MJ

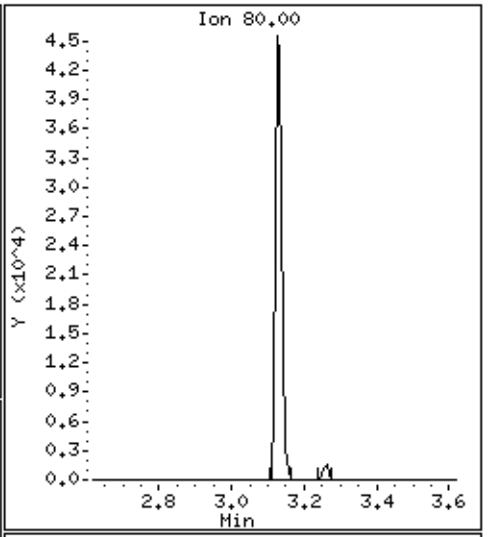
Column phase: HPMS-5

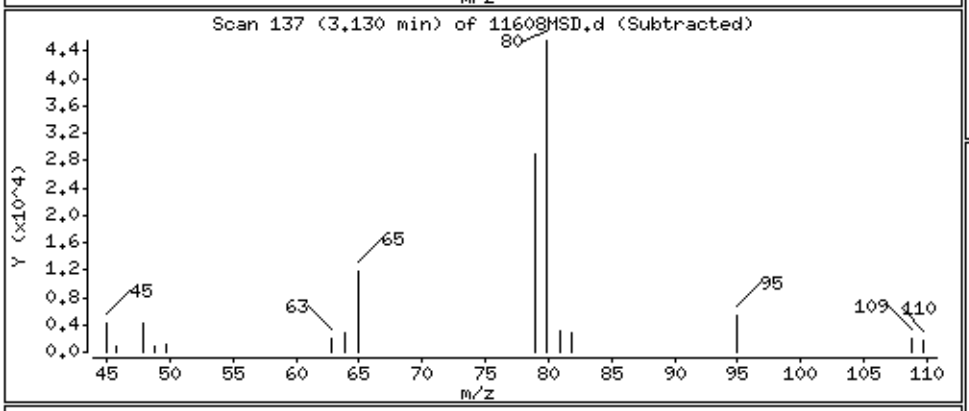
Column diameter: 0.25

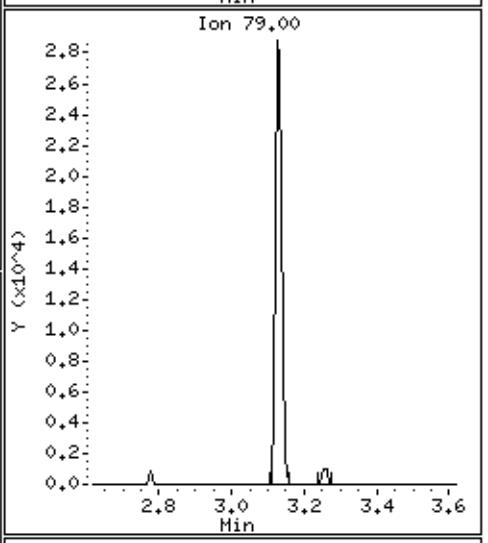
5 Methyl Methanesulfonate

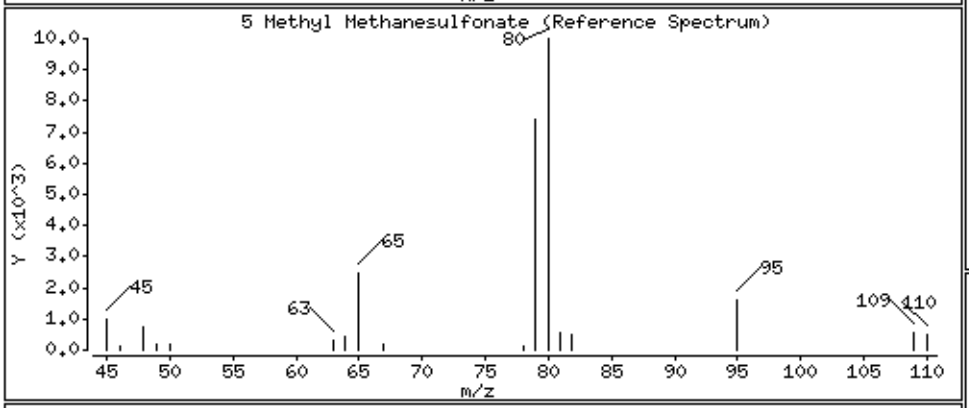
Concentration: 1710 ug/kg

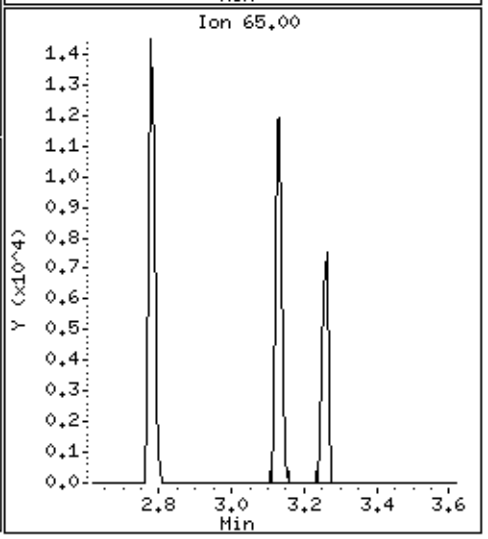


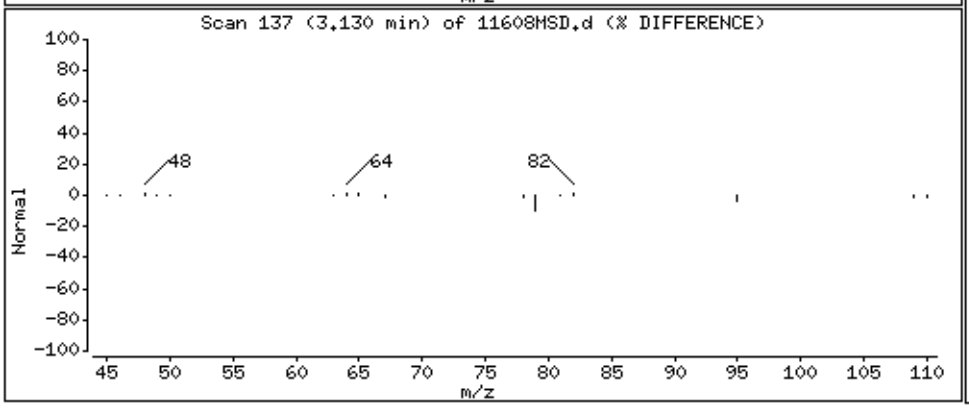












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

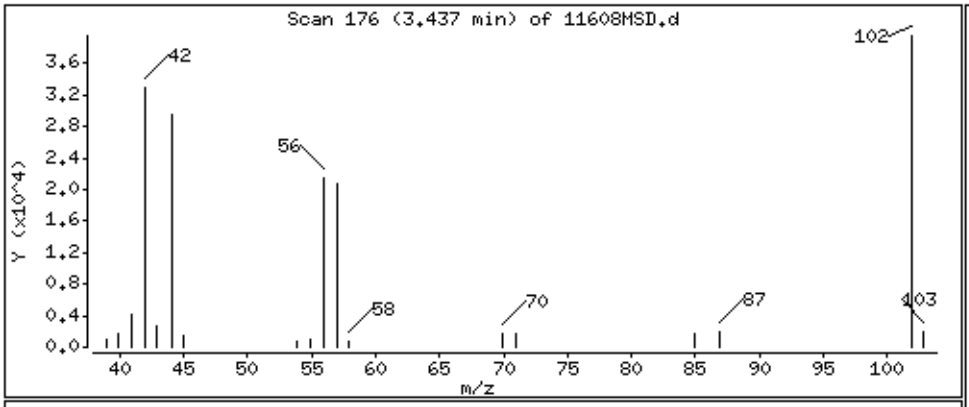
Operator: MJ

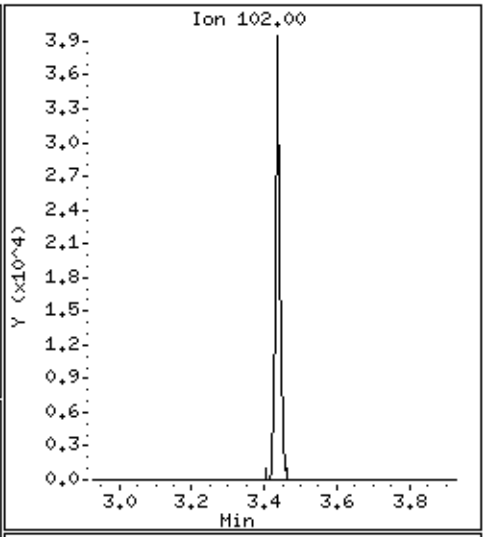
Column phase: HPMS-5

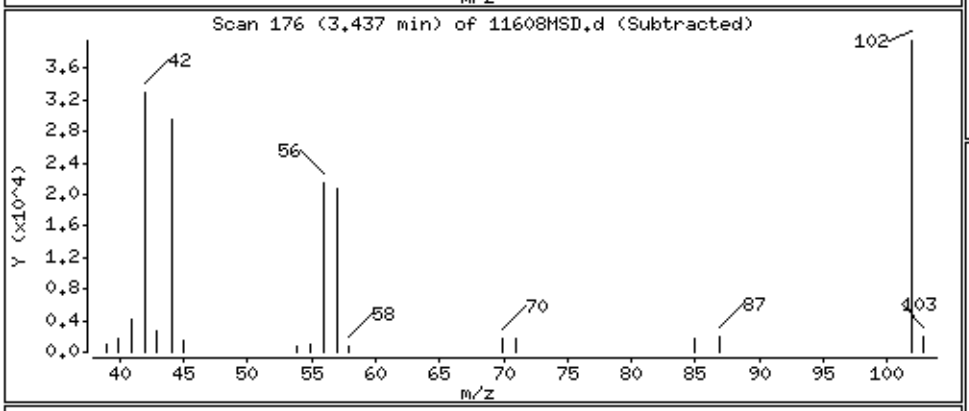
Column diameter: 0.25

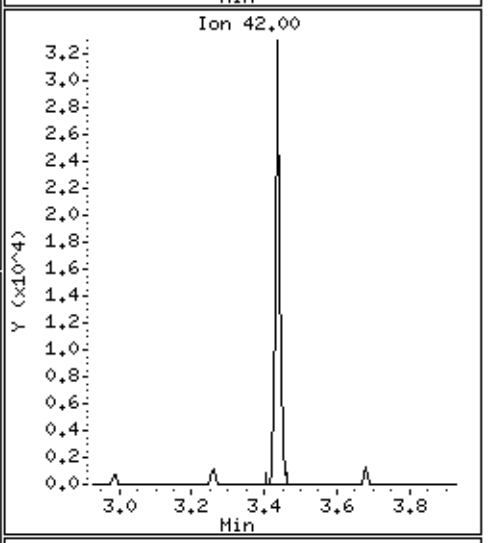
7 N-Nitrosodiethylamine

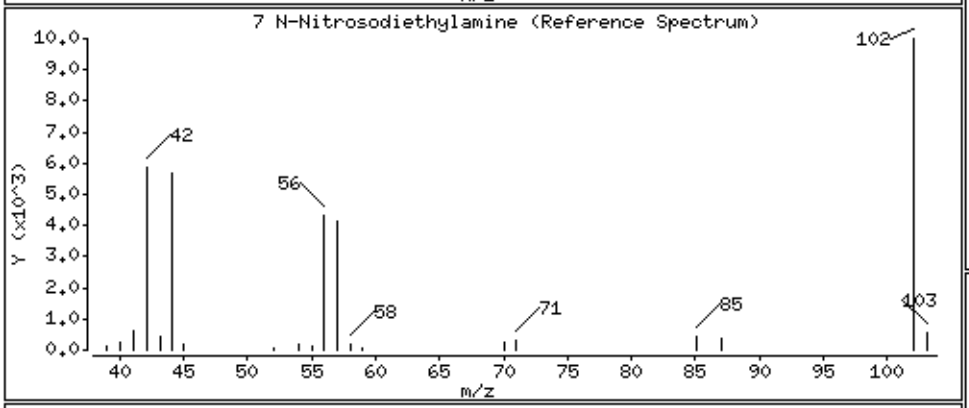
Concentration: 1590 ug/kg

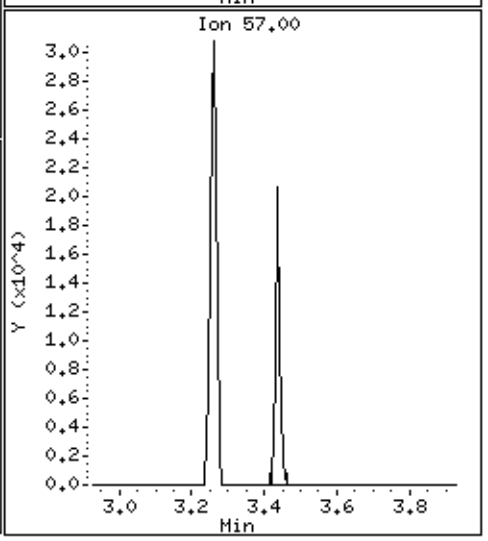


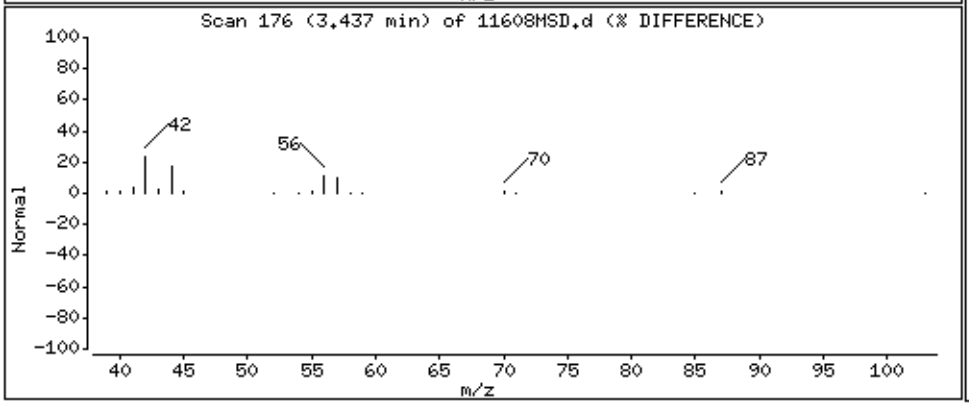












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

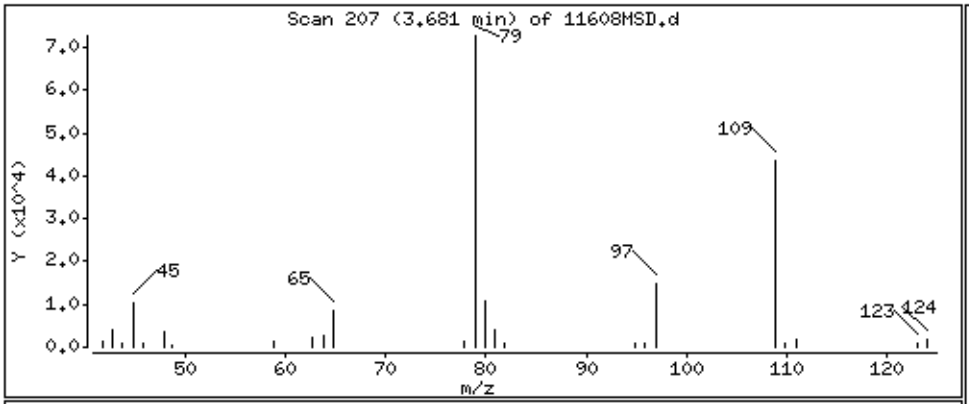
Operator: MJ

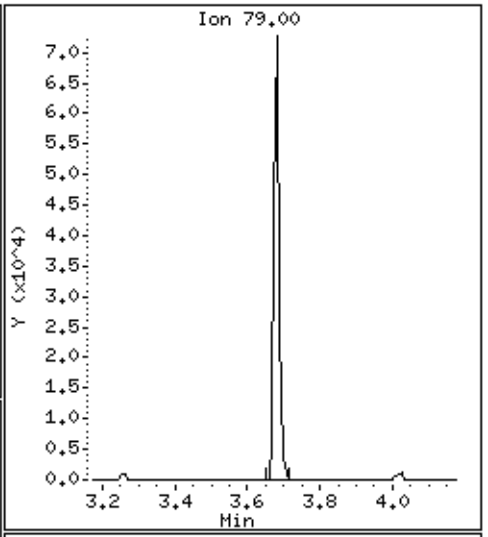
Column phase: HPMS-5

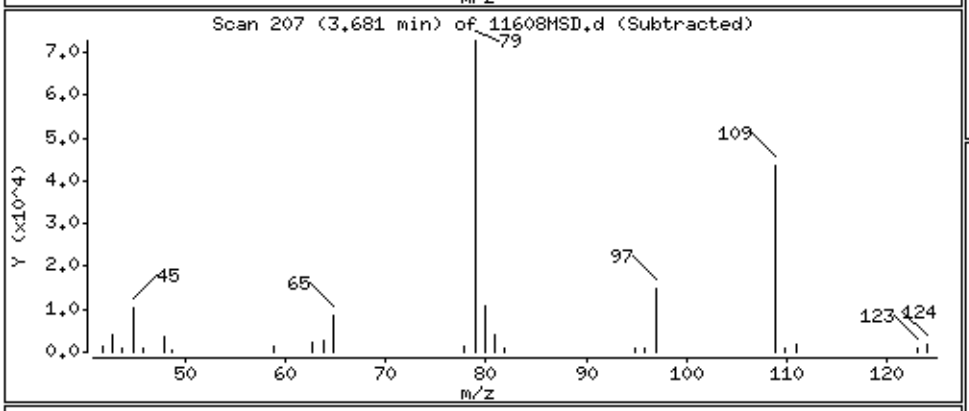
Column diameter: 0.25

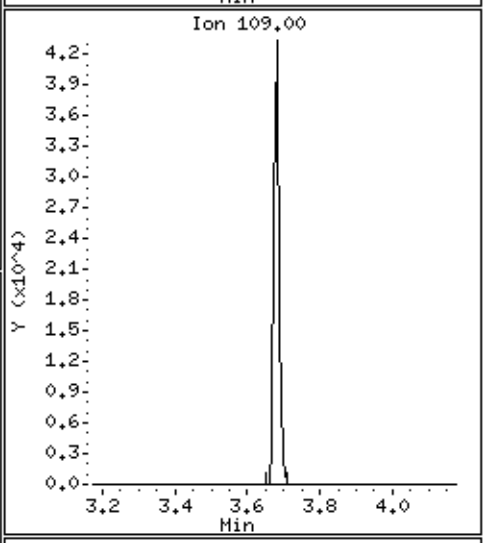
8 Ethyl Methanesulfonate

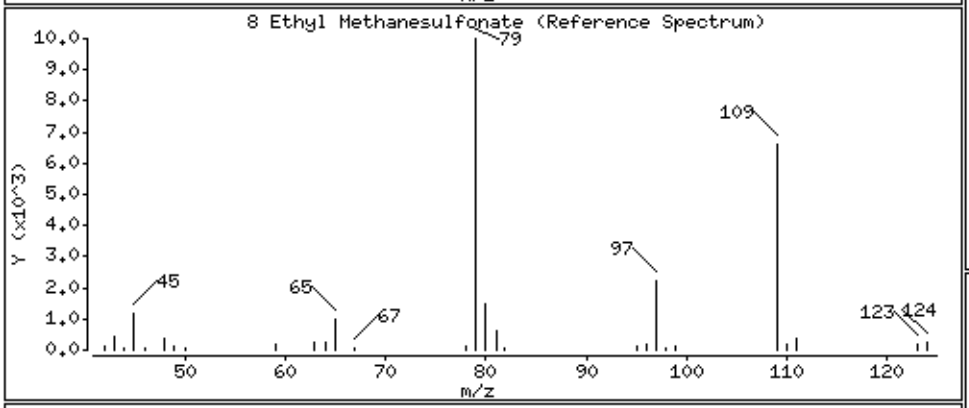
Concentration: 1870 ug/kg

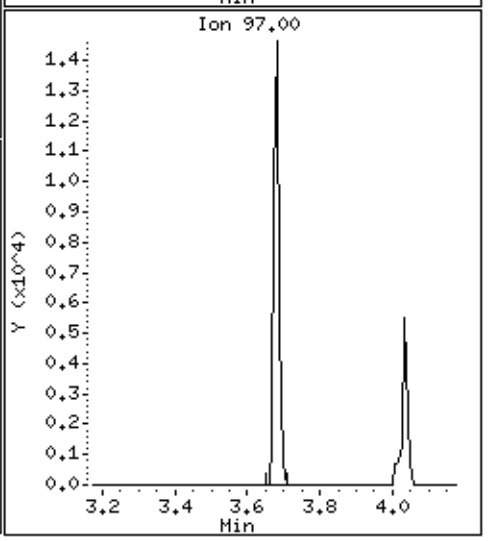


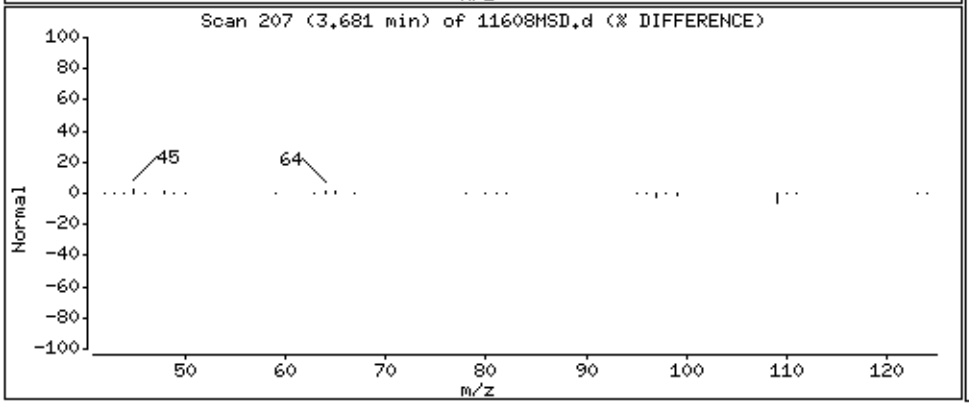












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

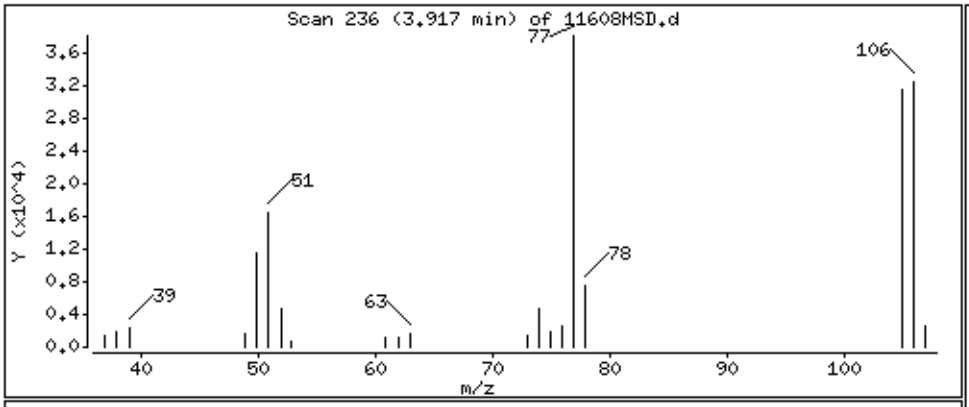
Operator: MJ

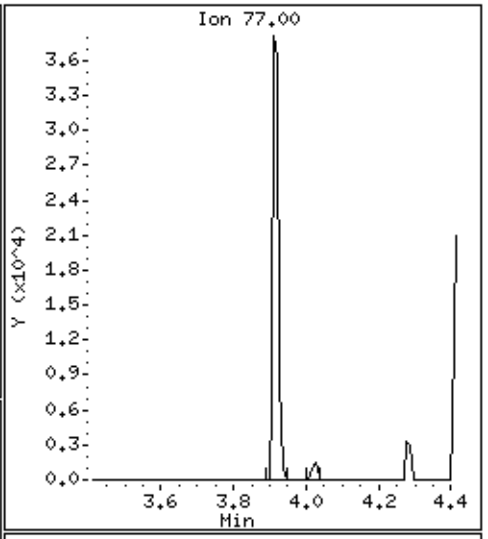
Column phase: HPMS-5

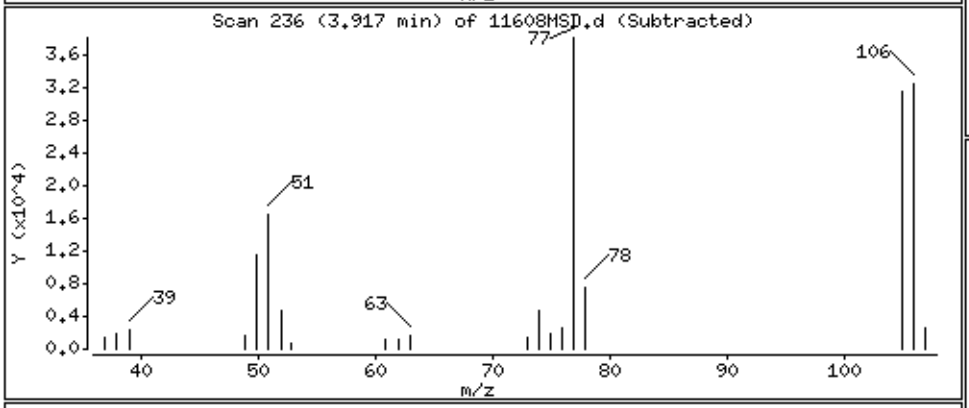
Column diameter: 0.25

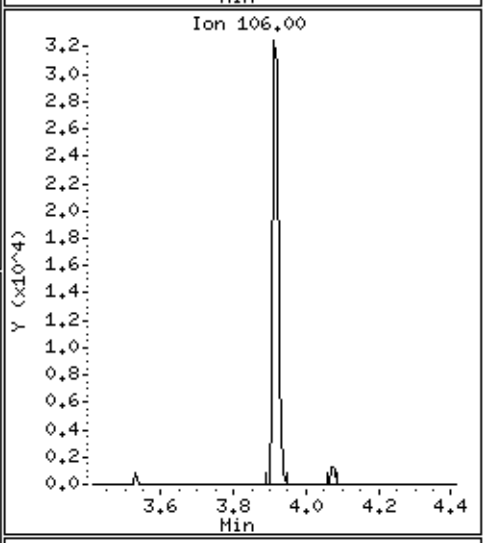
9 Benzaldehyde

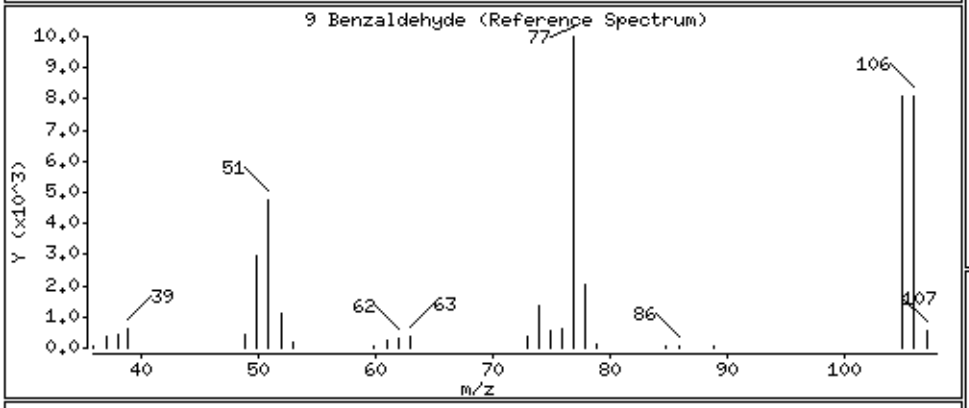
Concentration: 982 ug/kg

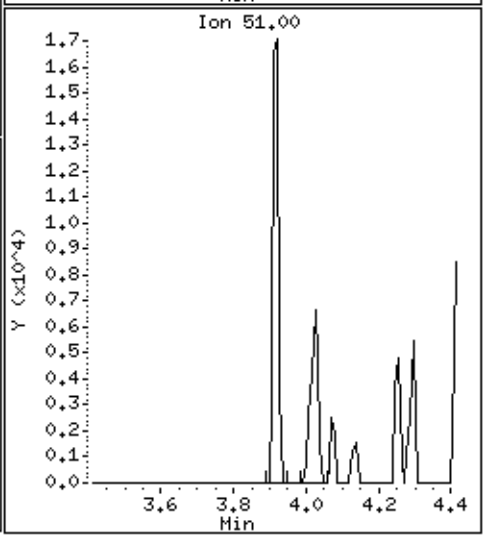


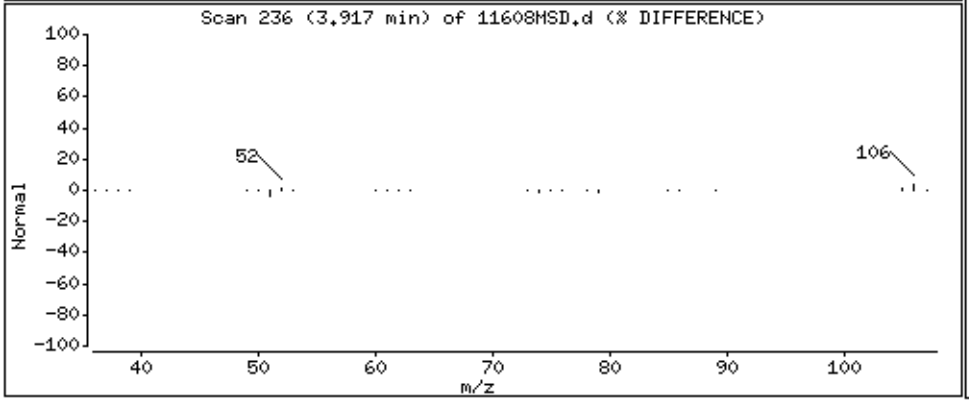












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

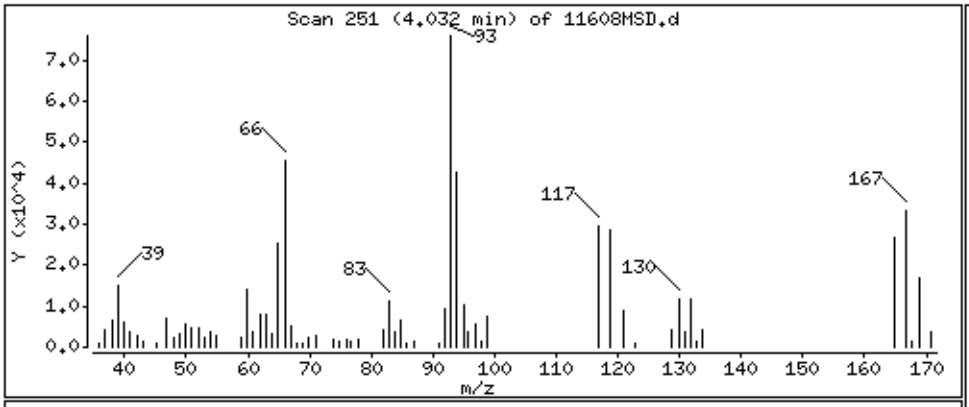
Operator: MJ

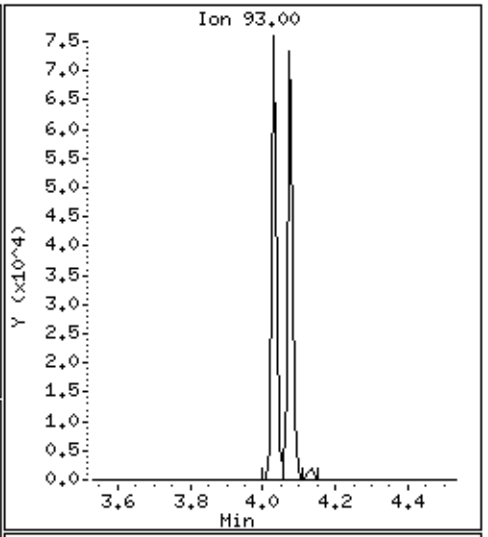
Column phase: HPMS-5

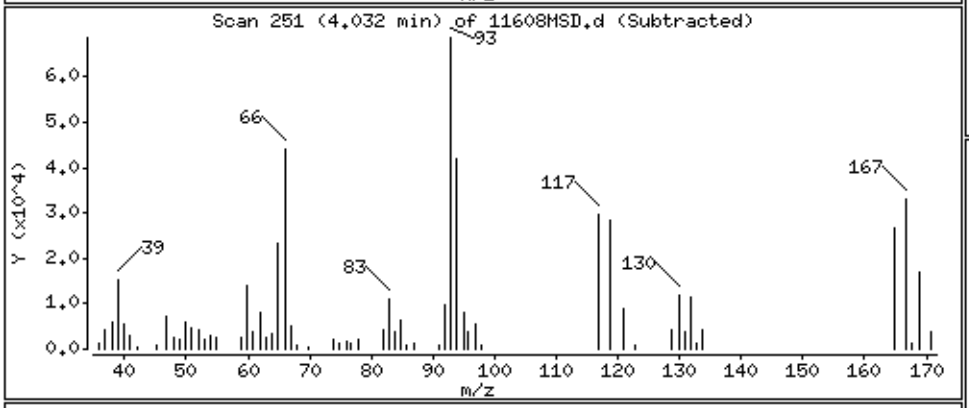
Column diameter: 0.25

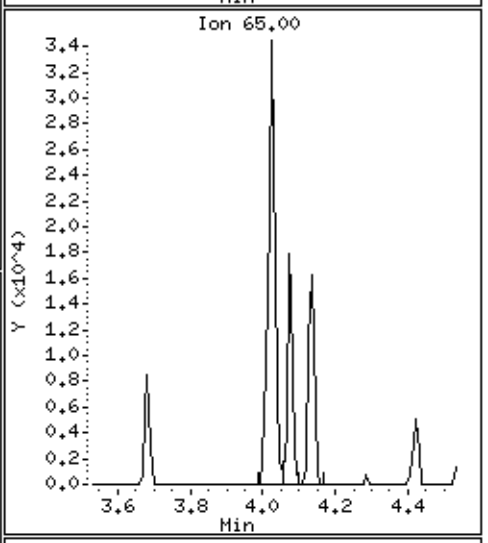
10 Aniline

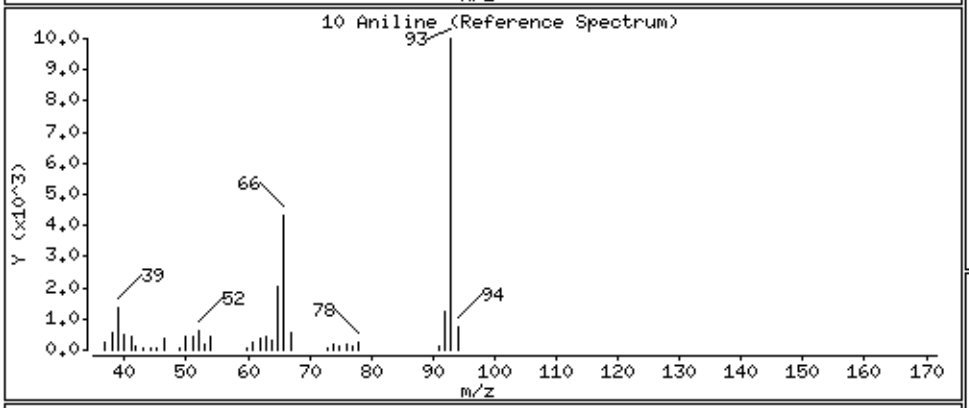
Concentration: 1190 ug/kg

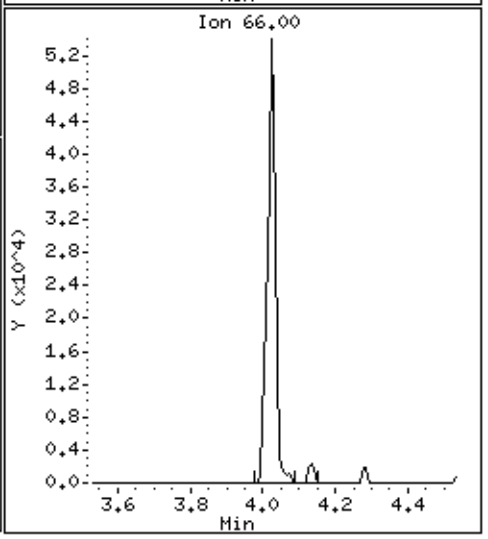


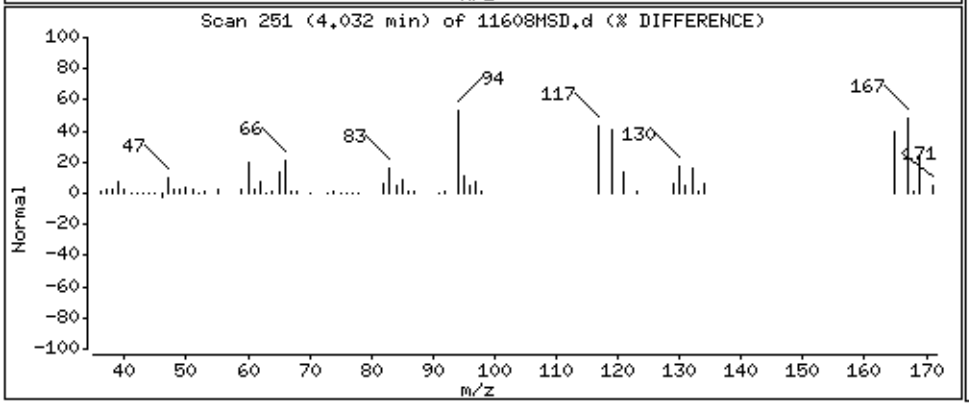












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

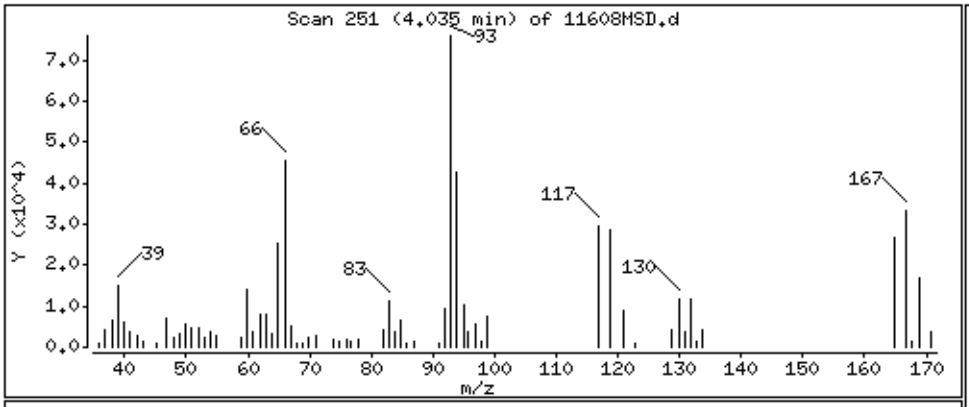
Operator: MJ

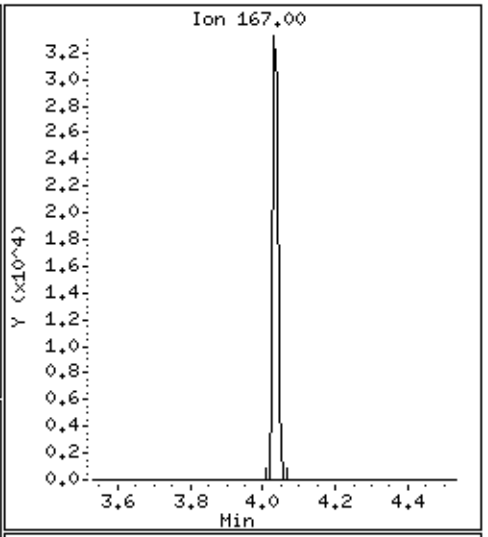
Column phase: HPMS-5

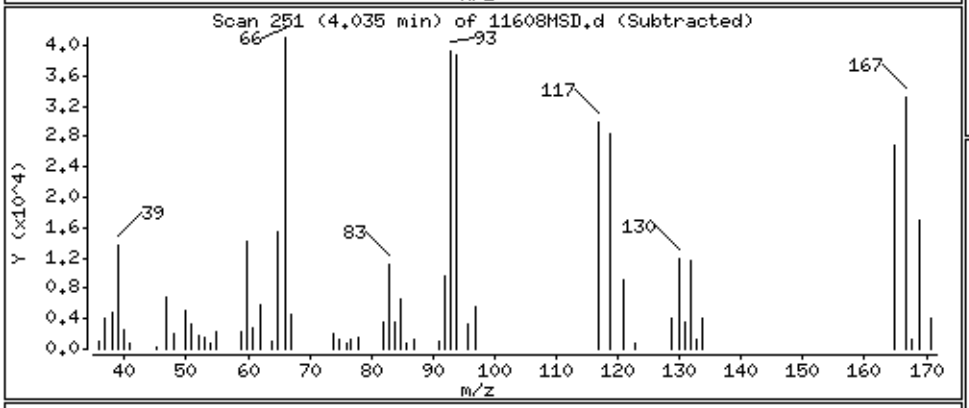
Column diameter: 0.25

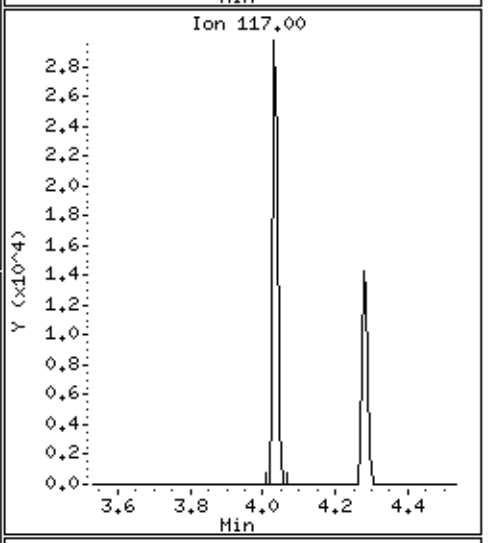
12 Pentachloroethane

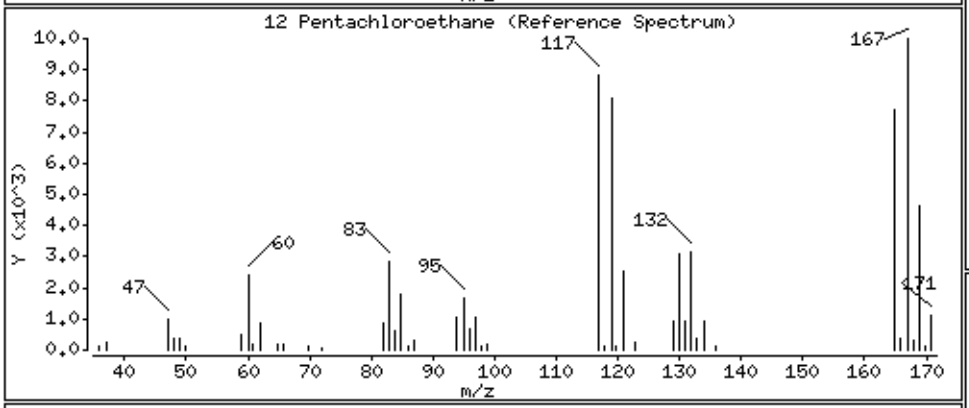
Concentration: 1680 ug/kg

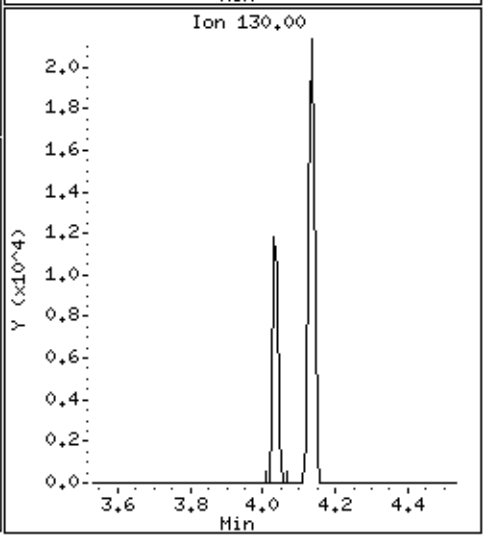


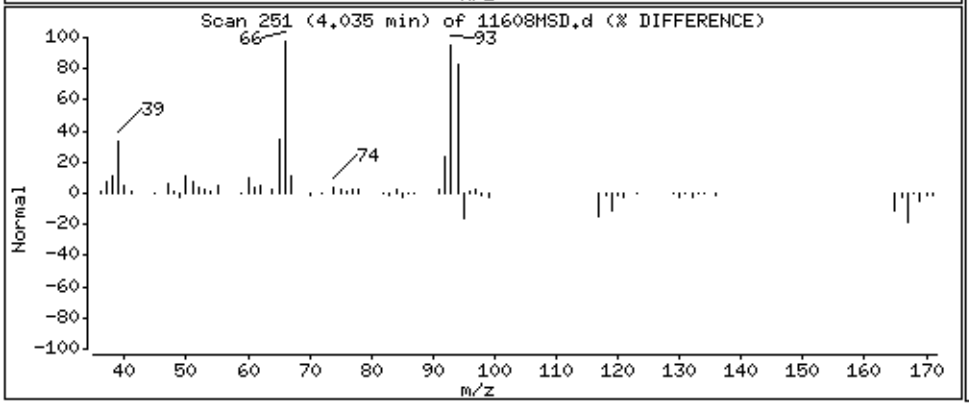












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

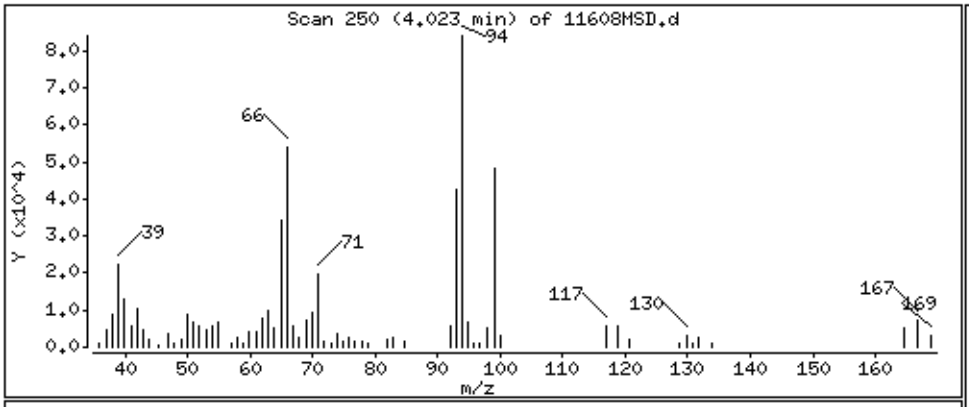
Operator: MJ

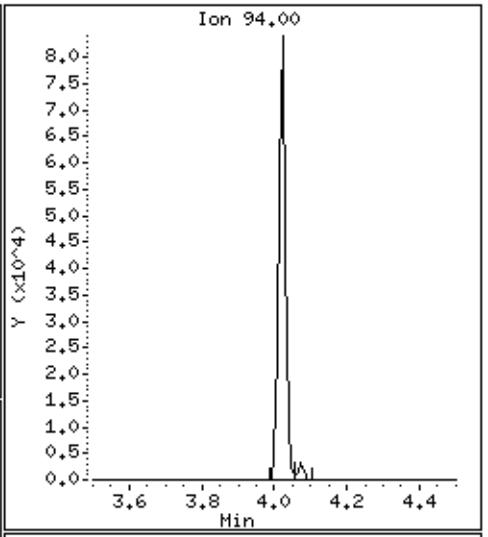
Column phase: HPMS-5

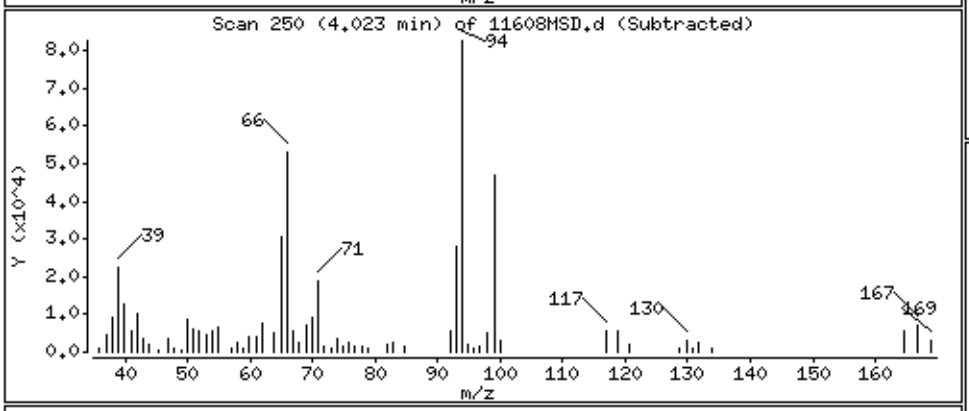
Column diameter: 0.25

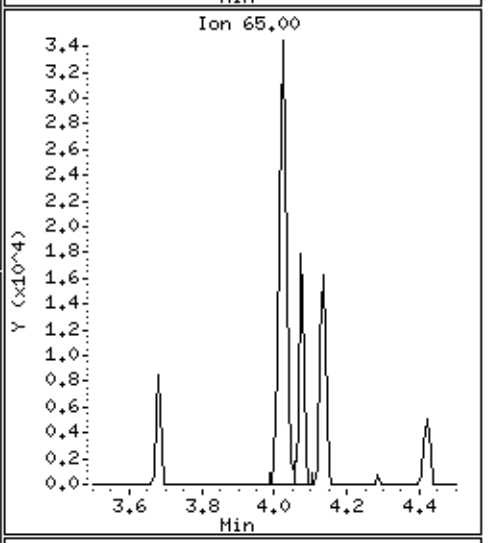
13 Phenol

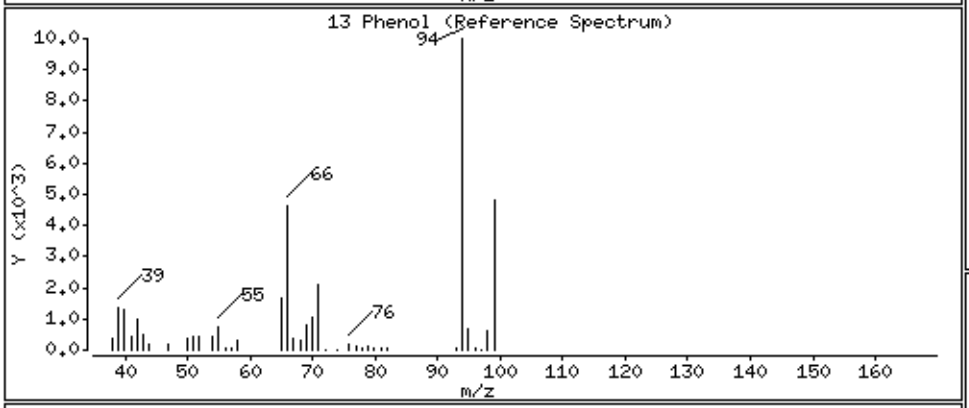
Concentration: 1680 ug/kg

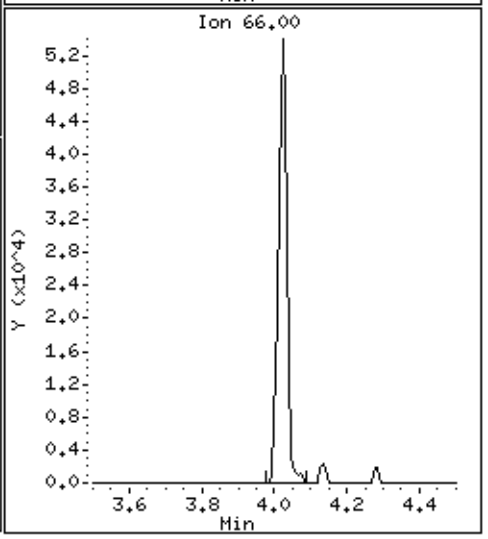


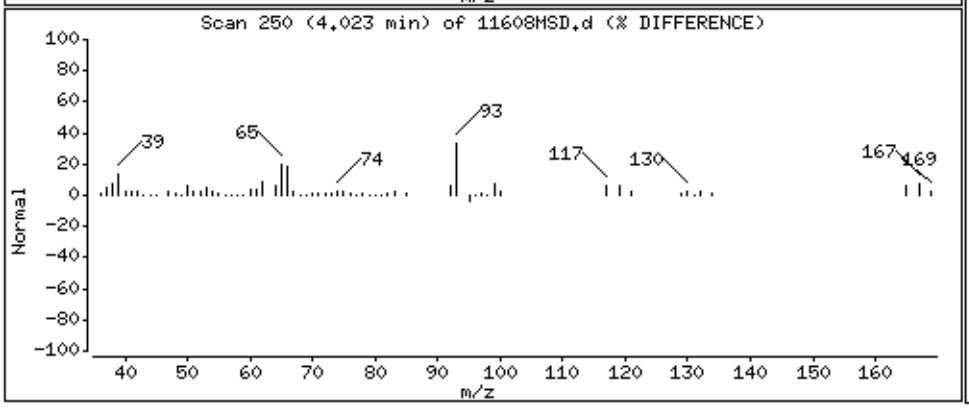












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

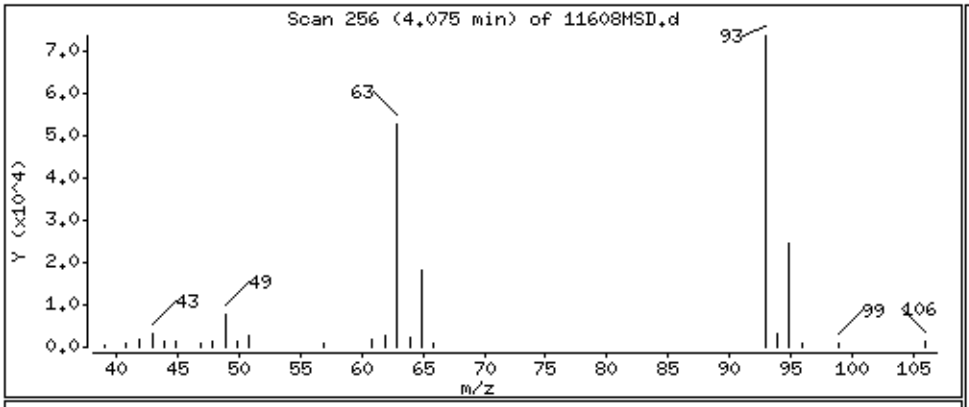
Operator: MJ

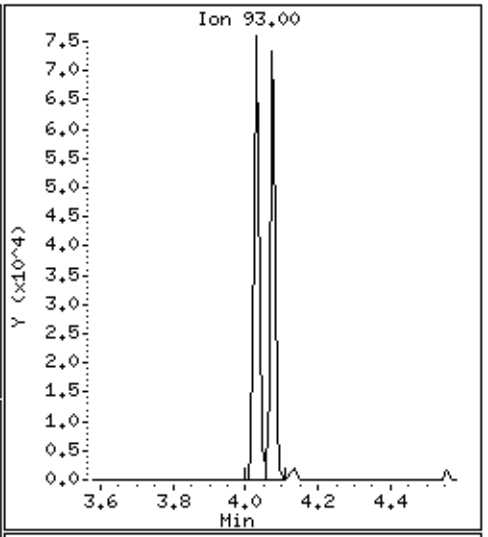
Column phase: HPMS-5

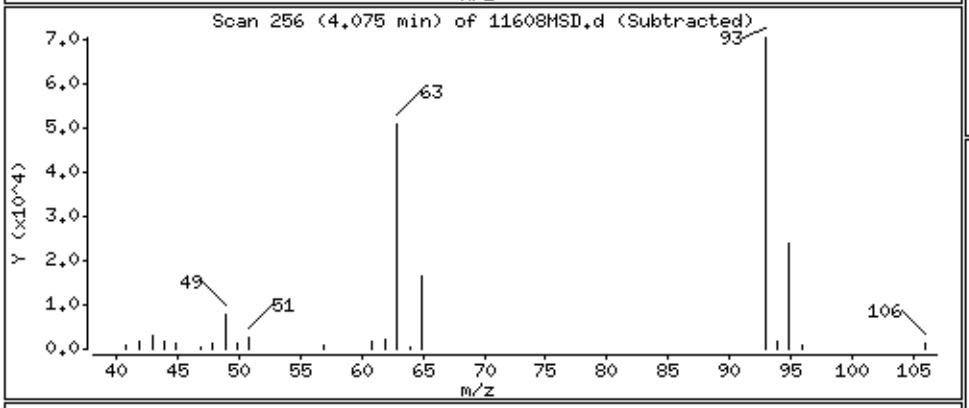
Column diameter: 0.25

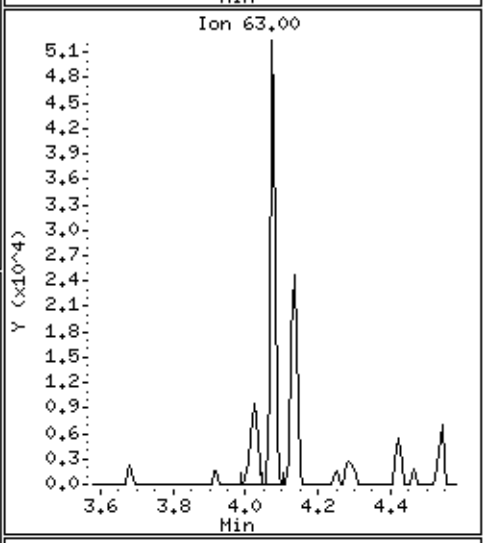
14 Bis(2-Chloroethyl)ether

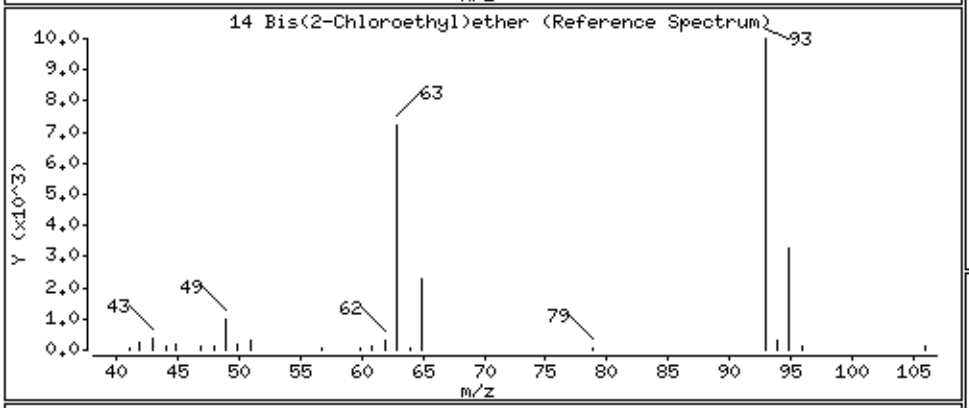
Concentration: 1770 ug/kg

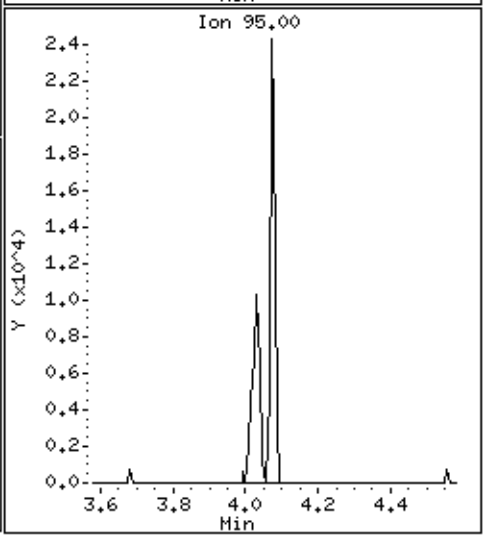


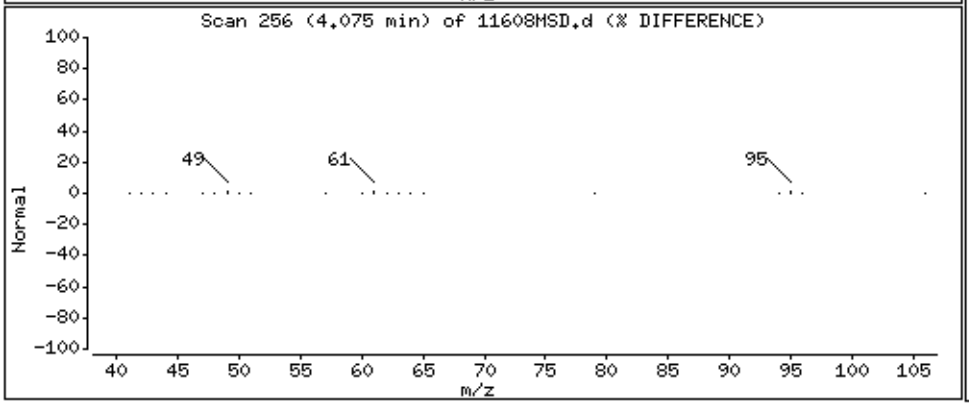












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

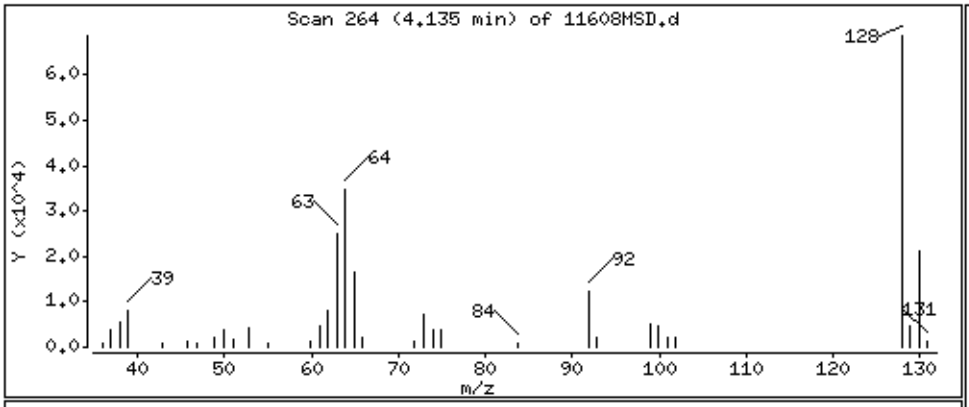
Operator: MJ

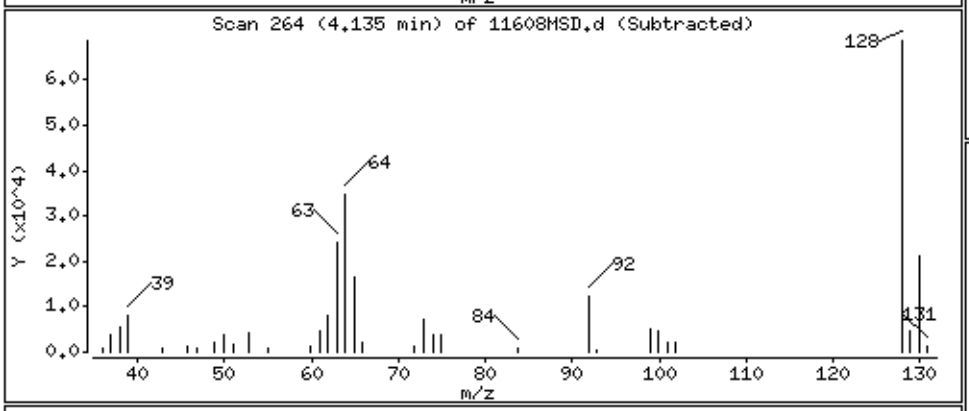
Column phase: HPMS-5

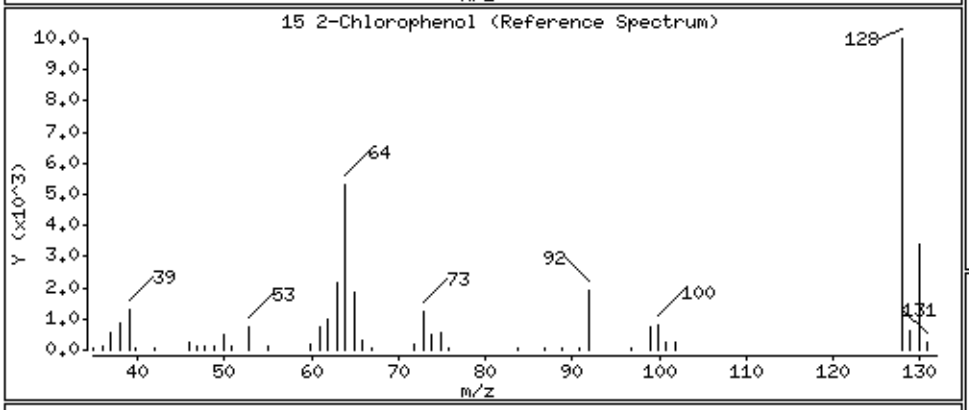
Column diameter: 0.25

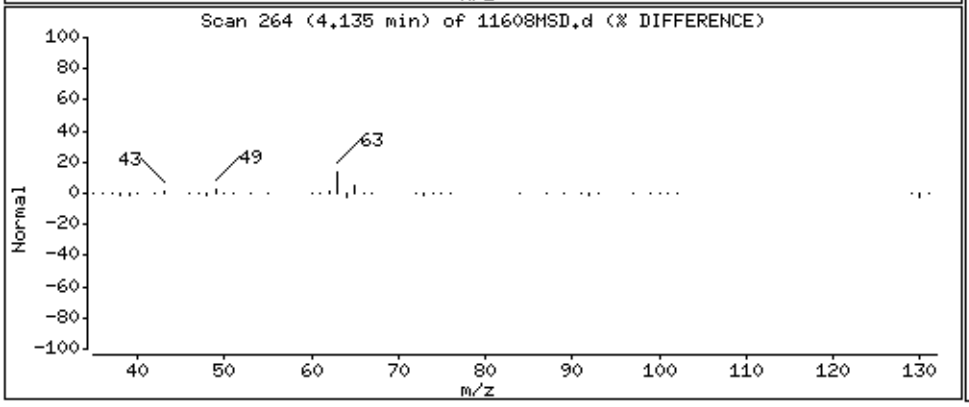
15 2-Chlorophenol

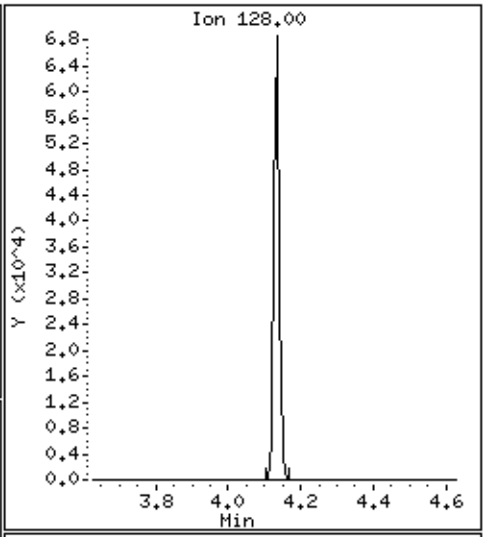
Concentration: 1640 ug/kg

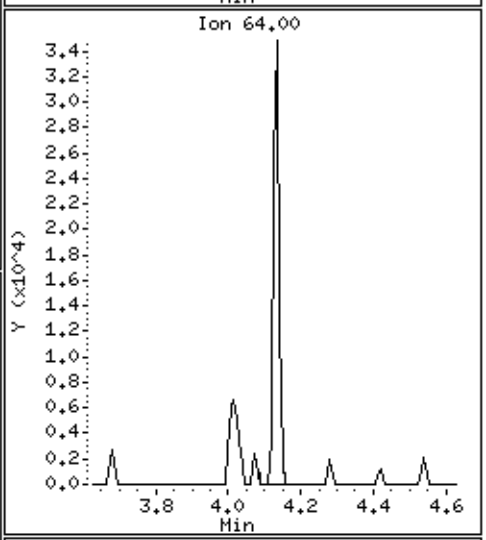


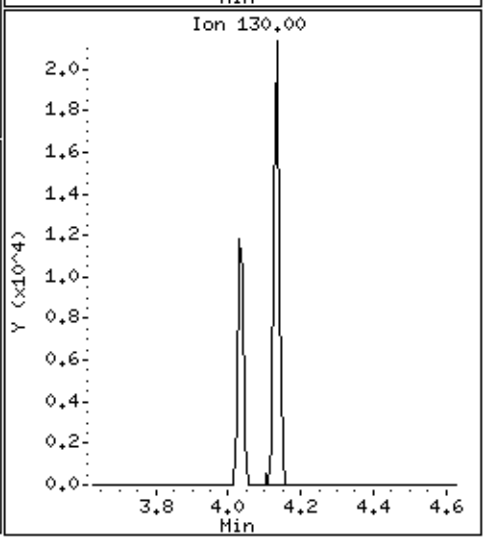












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

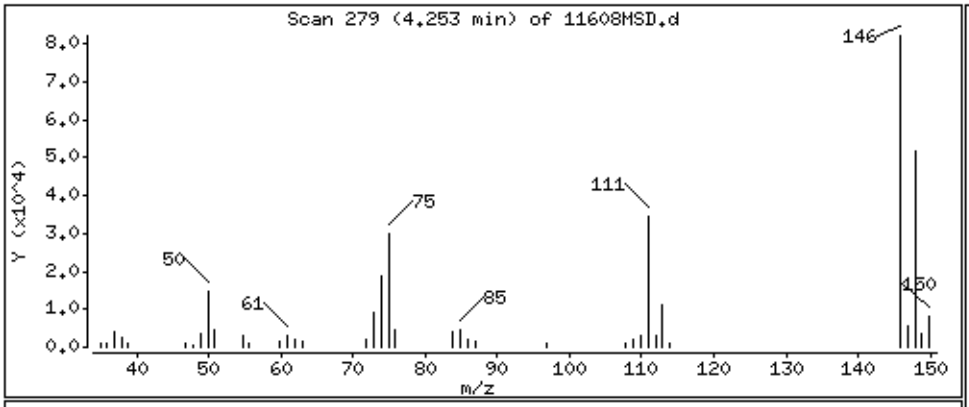
Operator: MJ

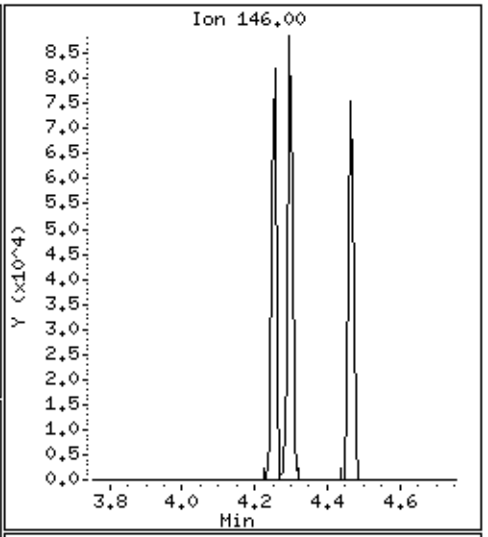
Column phase: HPMS-5

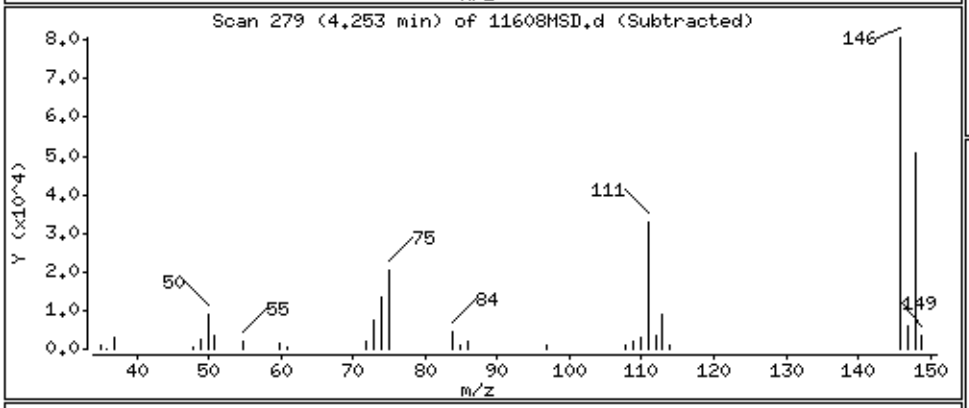
Column diameter: 0.25

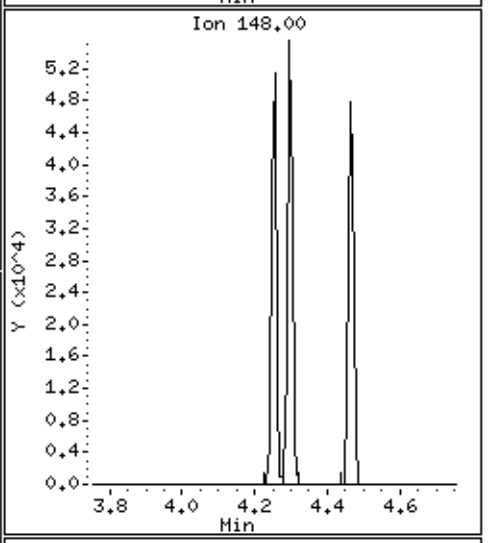
17 1,3-Dichlorobenzene

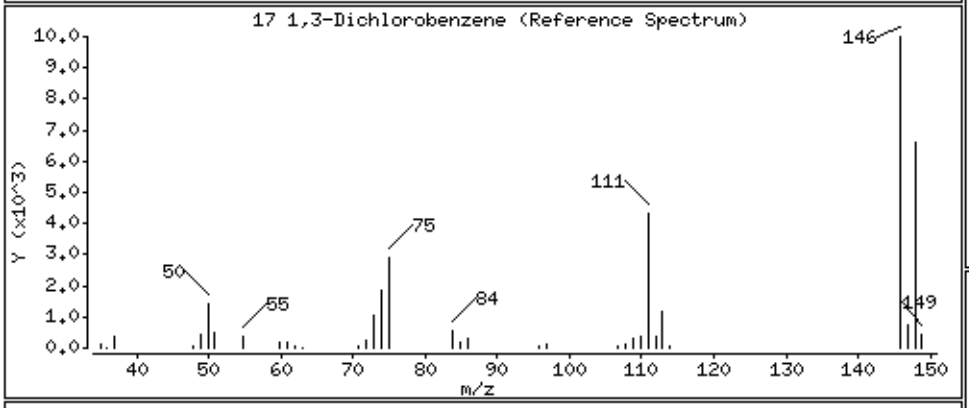
Concentration: 1520 ug/kg

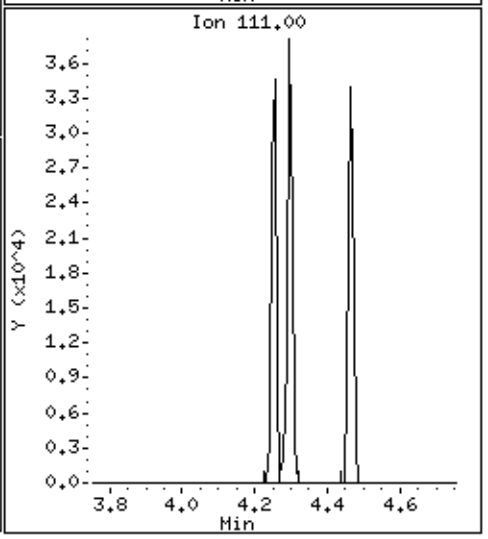


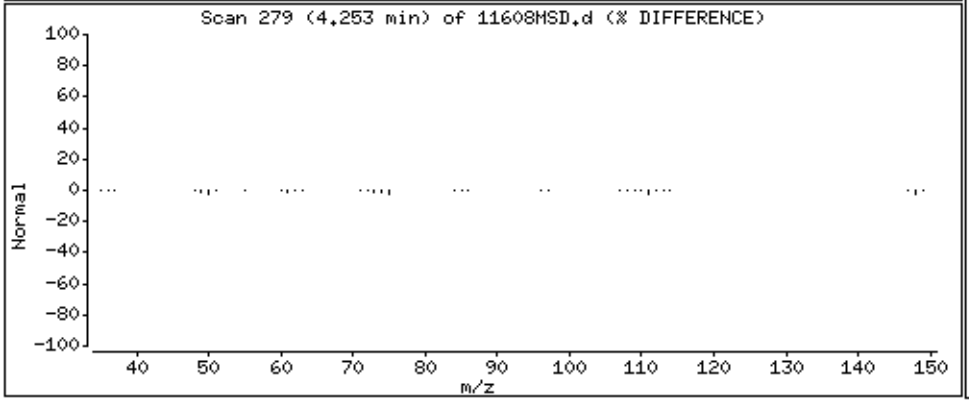












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

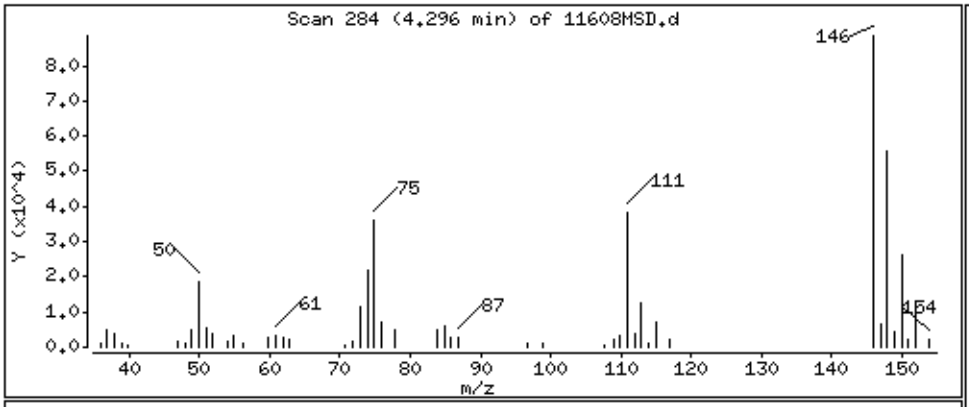
Operator: MJ

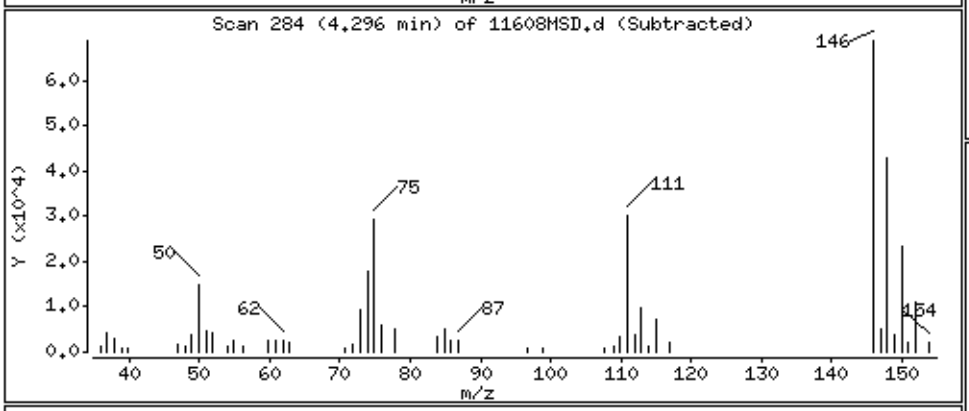
Column phase: HPMS-5

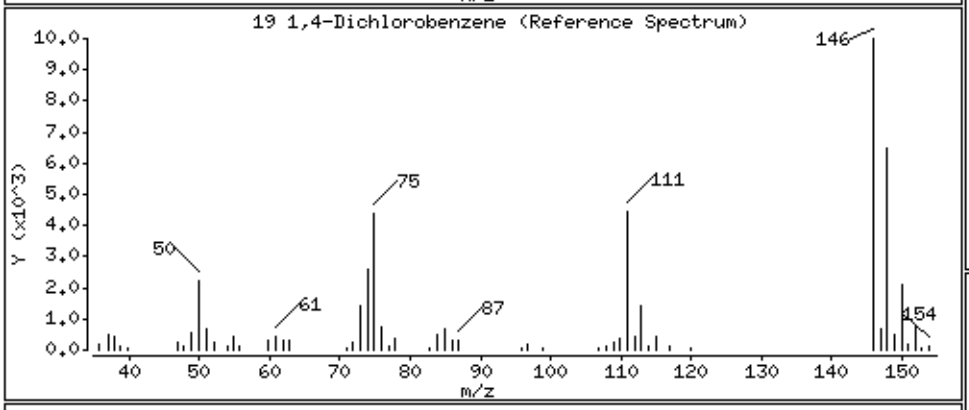
Column diameter: 0.25

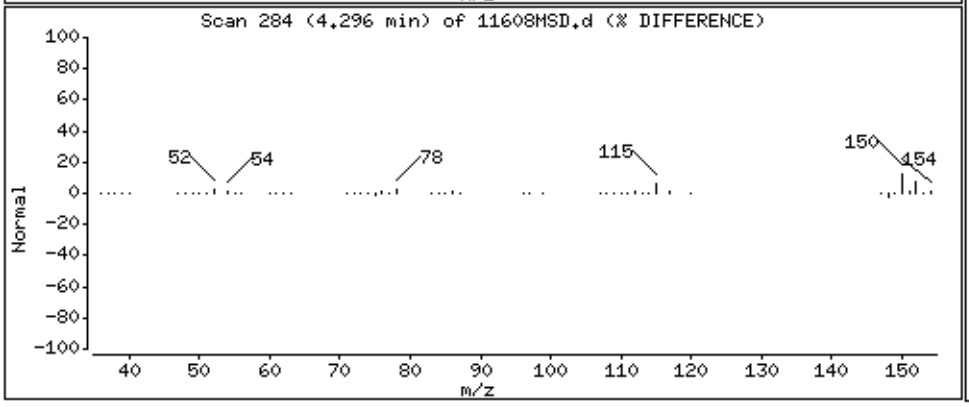
19 1,4-Dichlorobenzene

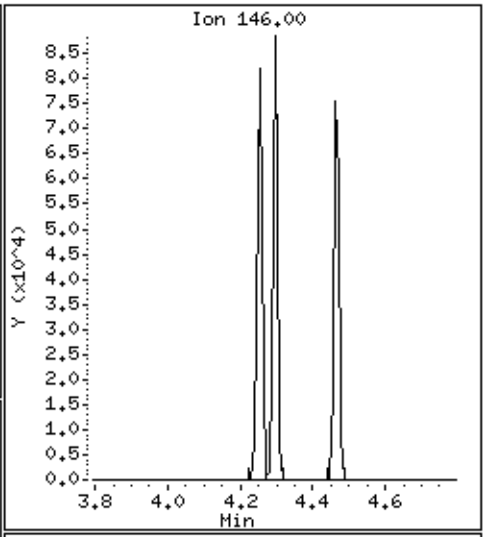
Concentration: 1560 ug/kg

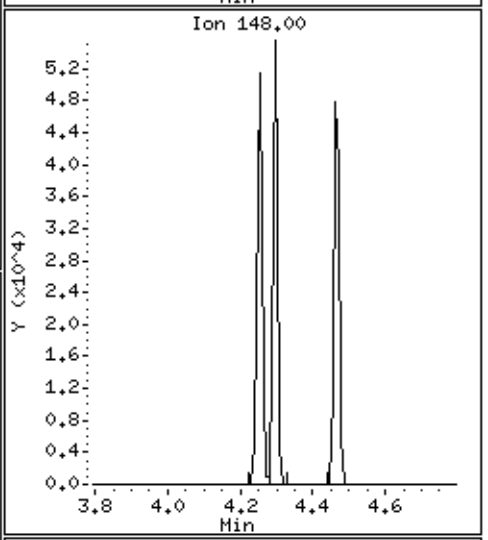


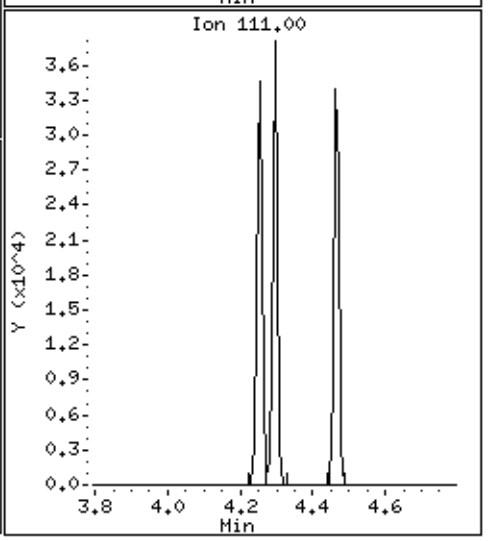












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

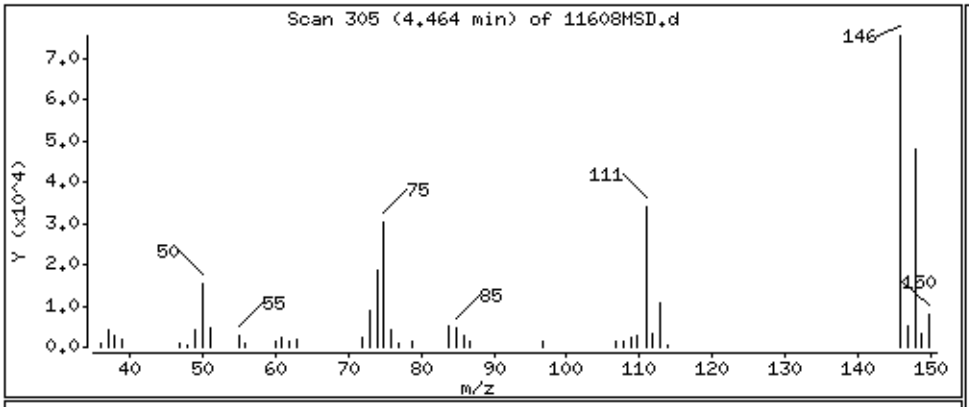
Operator: MJ

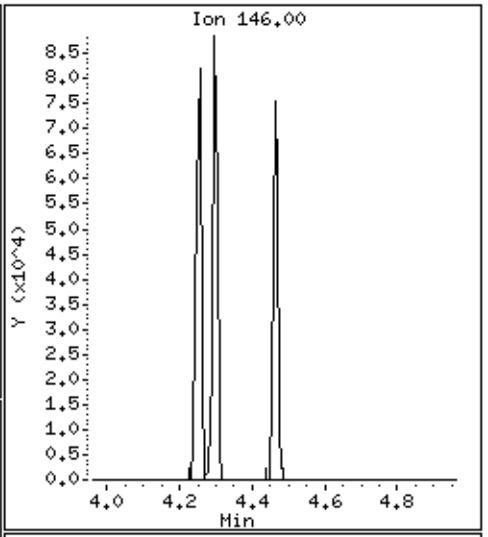
Column phase: HPMS-5

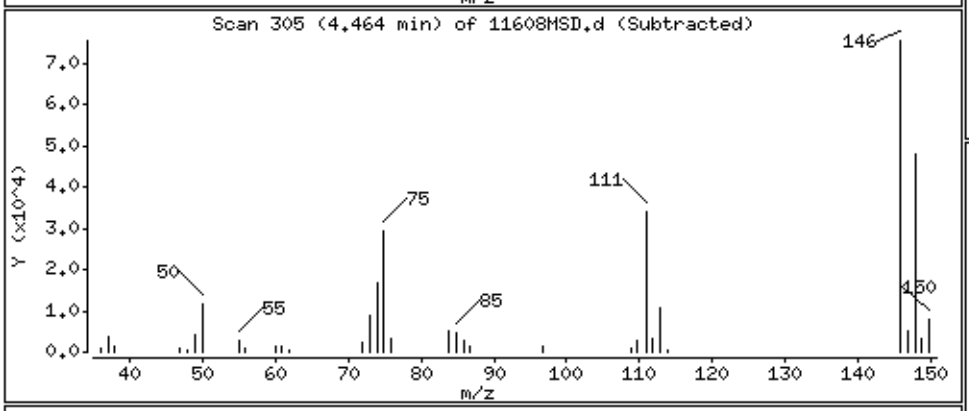
Column diameter: 0.25

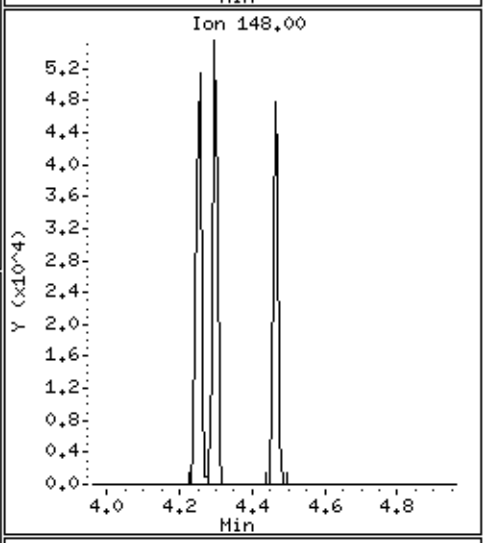
20 1,2-Dichlorobenzene

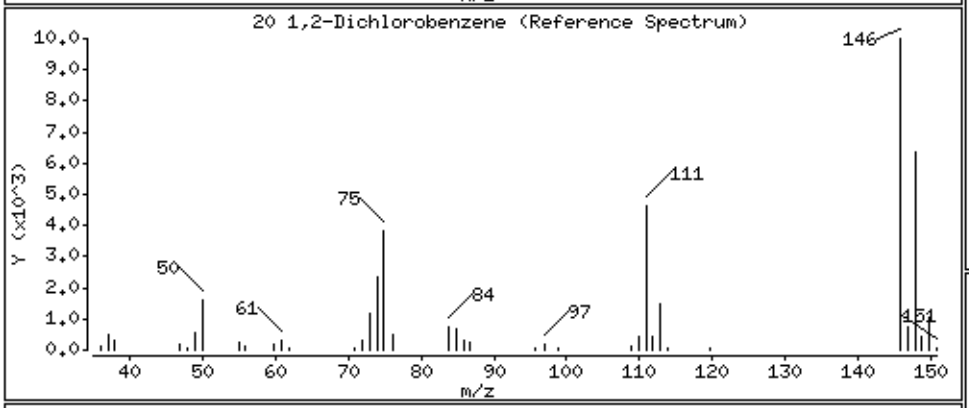
Concentration: 1530 ug/kg

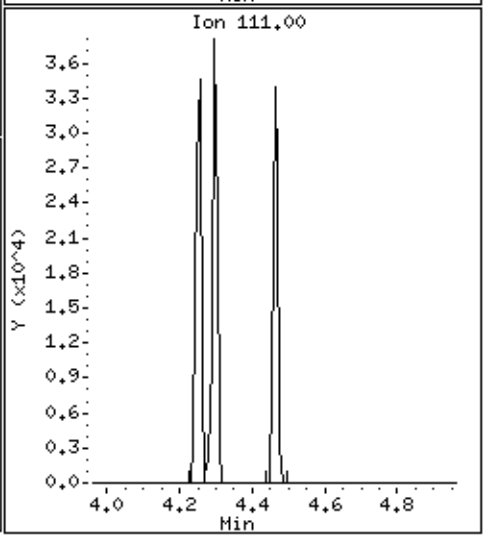


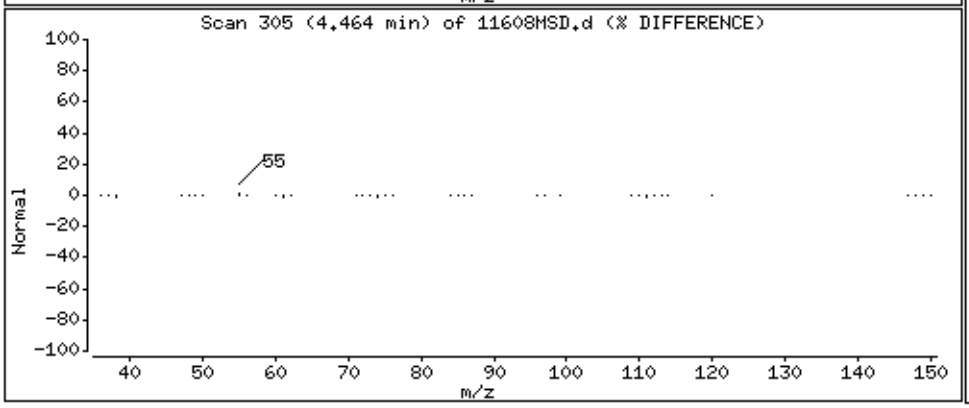












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

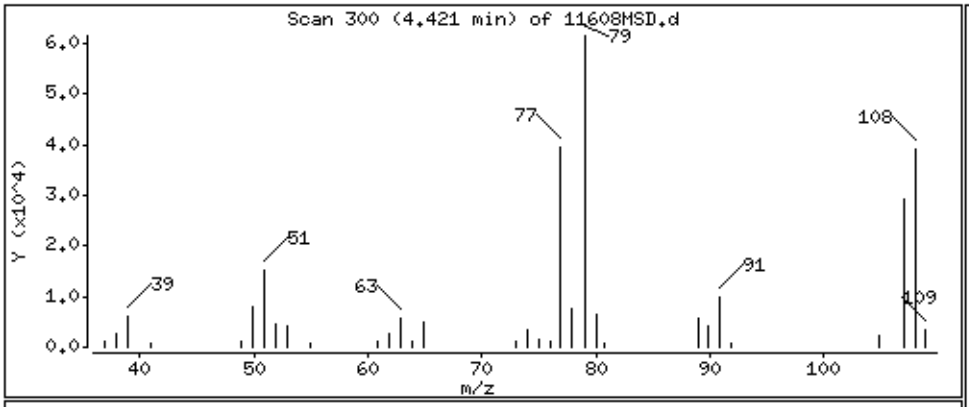
Operator: MJ

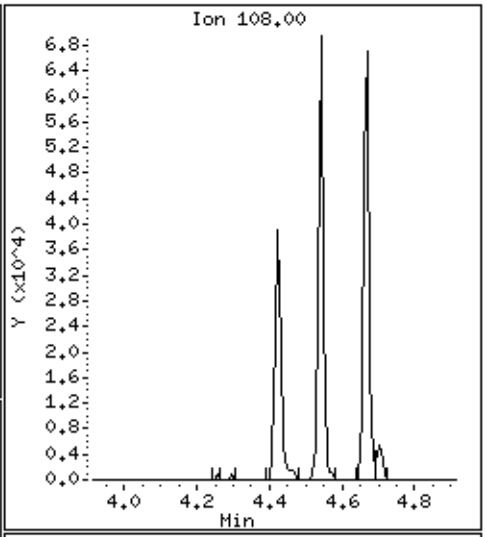
Column phase: HPMS-5

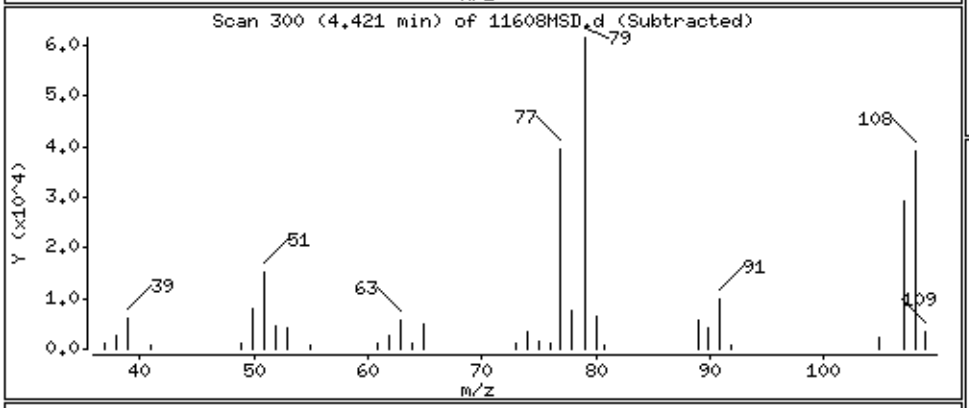
Column diameter: 0.25

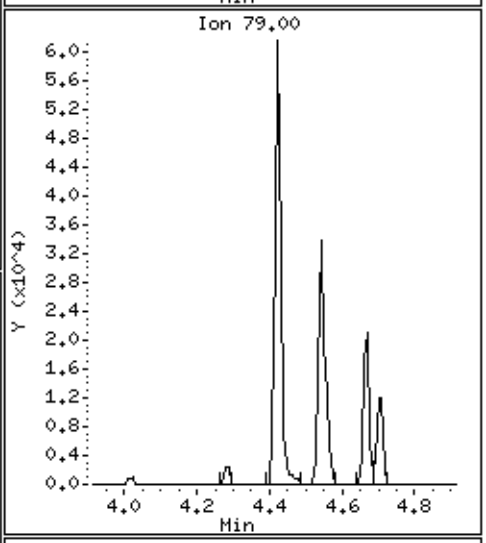
21 Benzyl alcohol

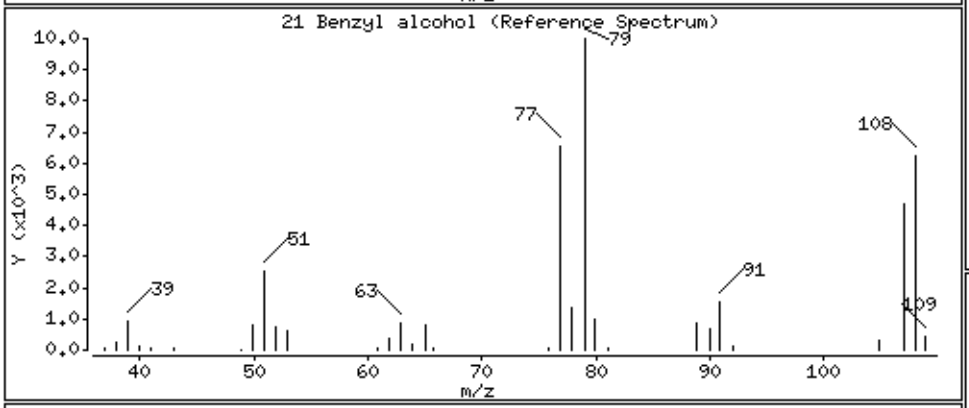
Concentration: 1620 ug/kg

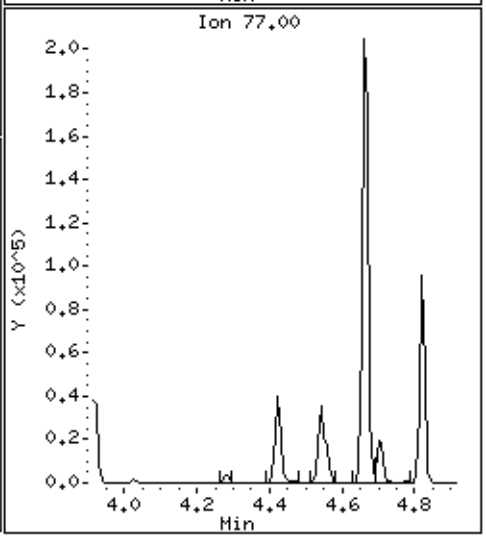


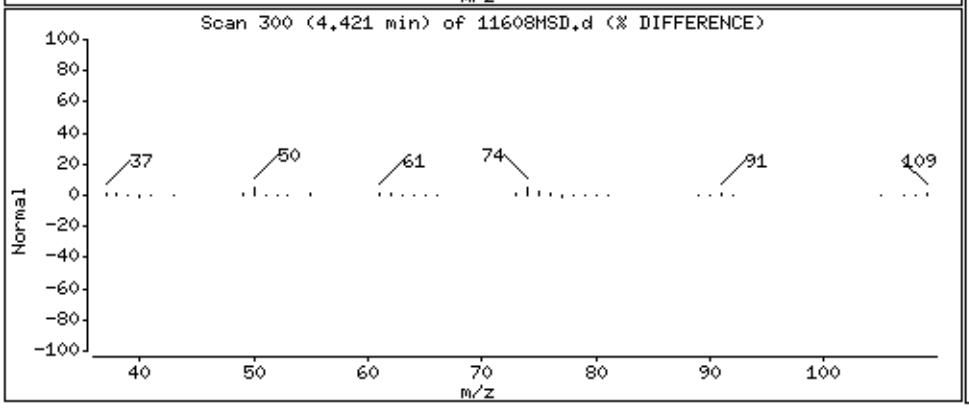












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

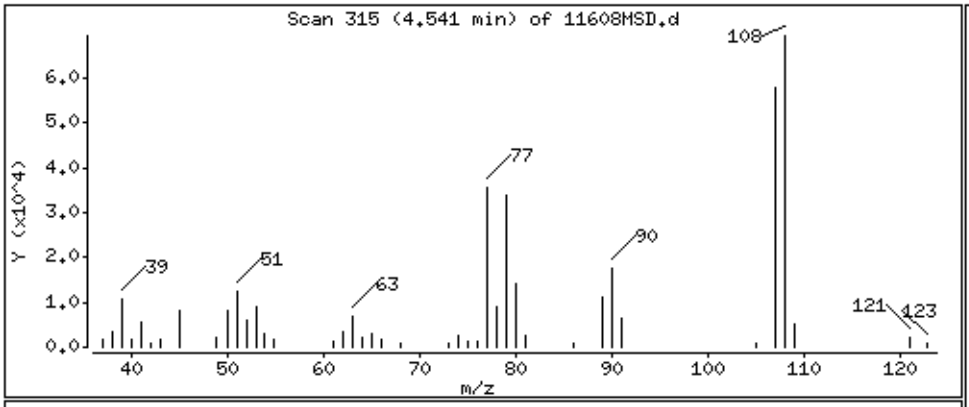
Operator: MJ

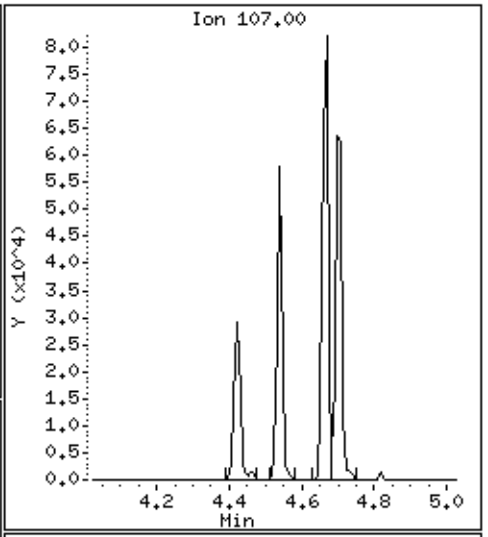
Column phase: HPMS-5

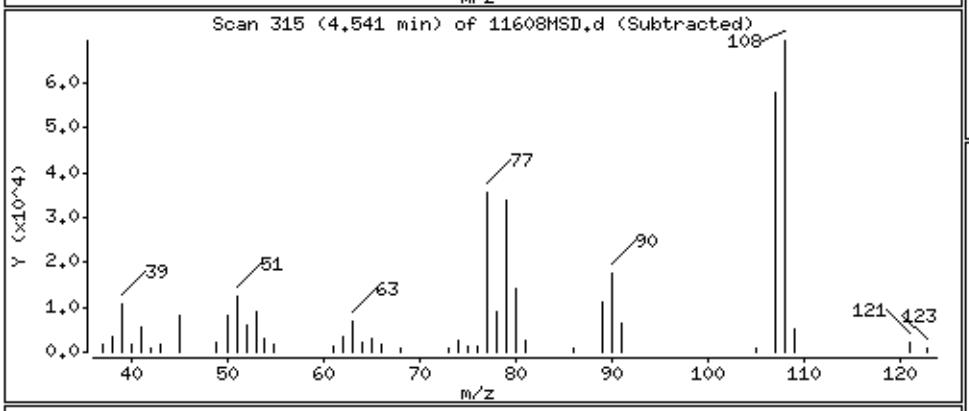
Column diameter: 0.25

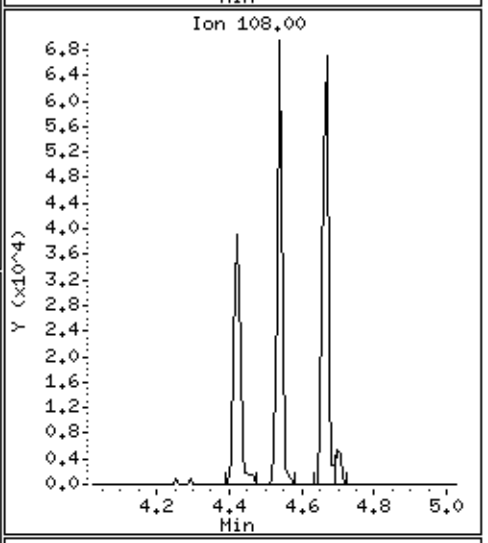
22 2-Methylphenol

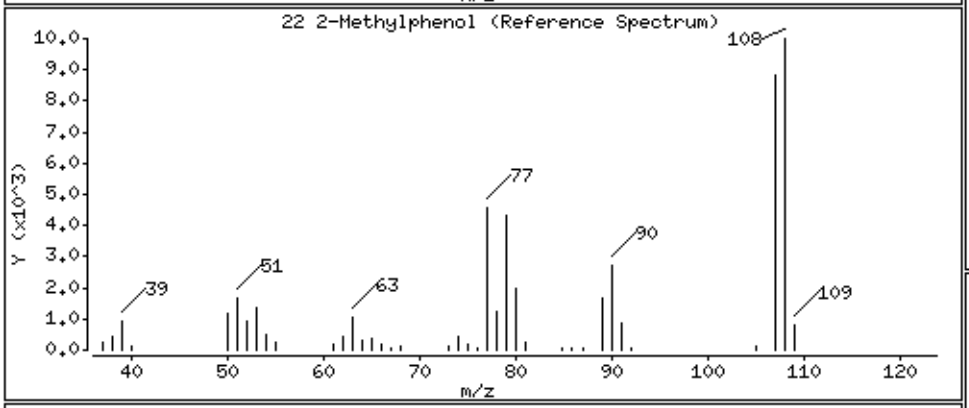
Concentration: 1560 ug/kg

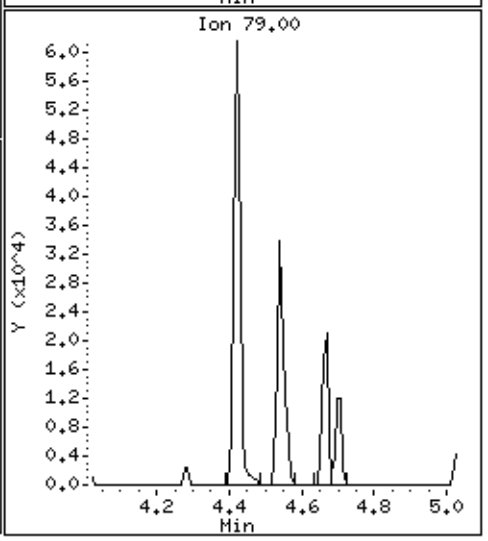


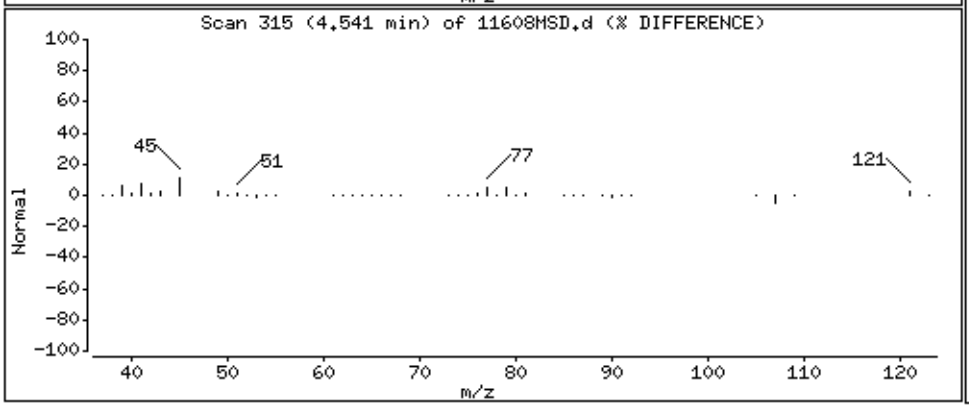












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

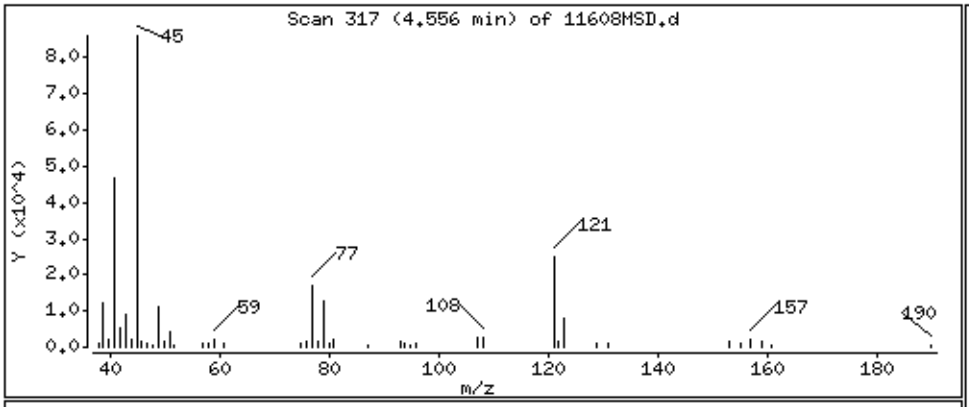
Operator: MJ

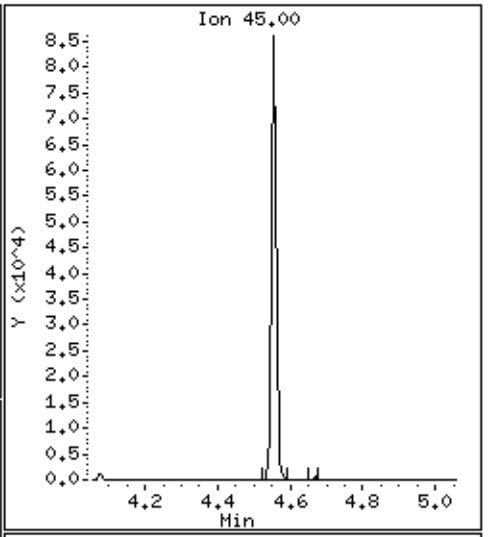
Column phase: HPMS-5

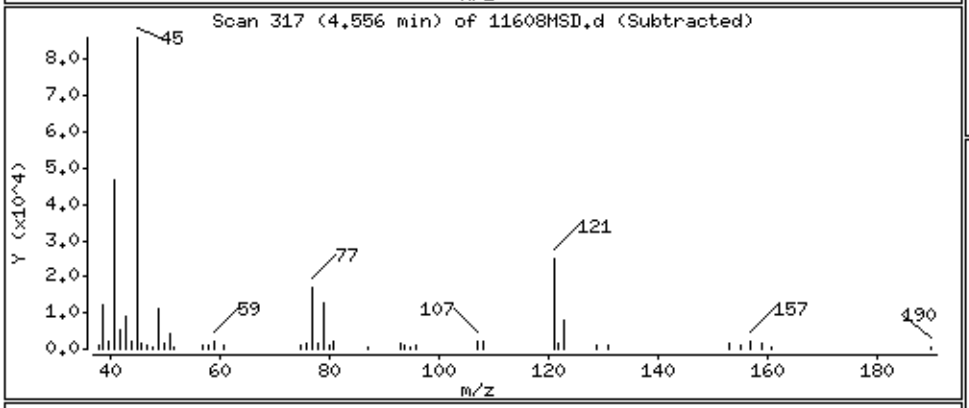
Column diameter: 0.25

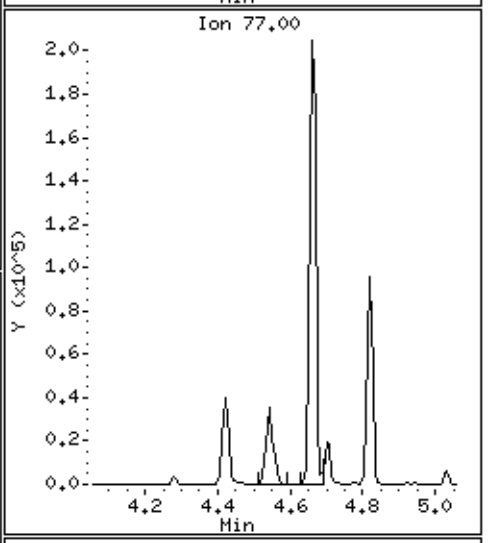
23 2,2'-oxybis(1-chloropropane)

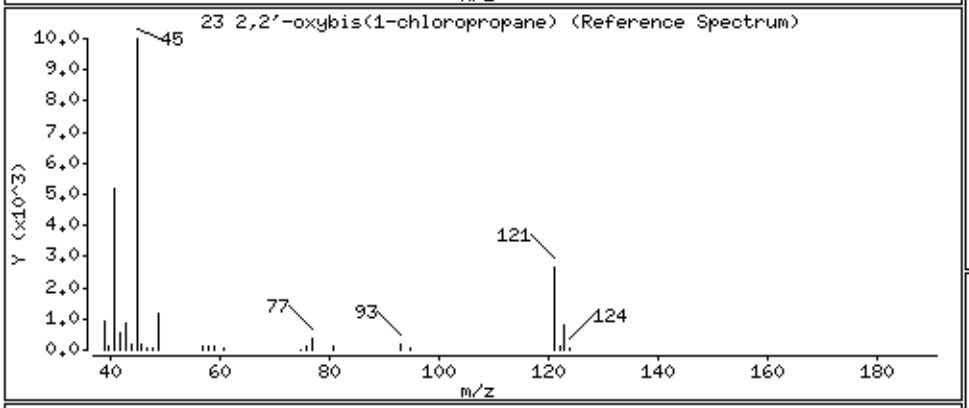
Concentration: 1510 ug/kg

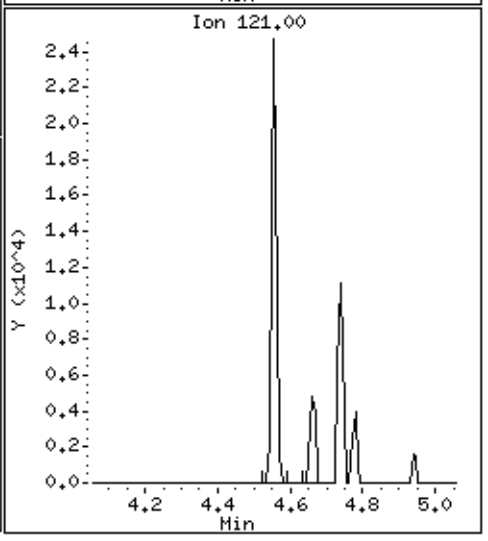


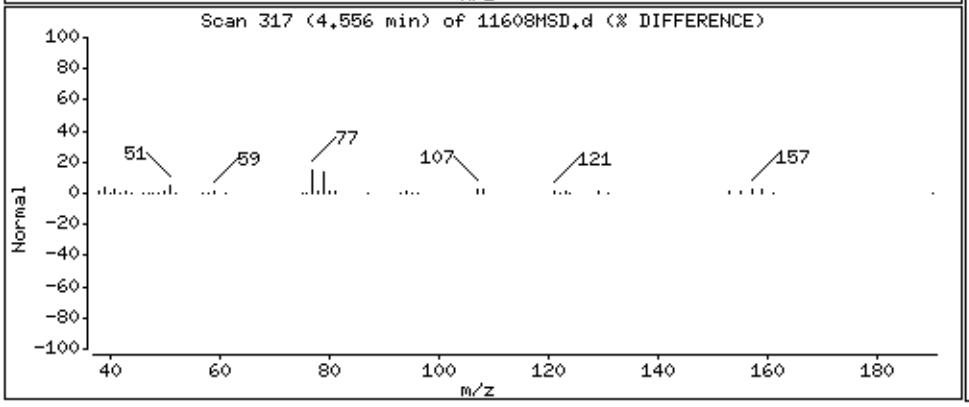












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

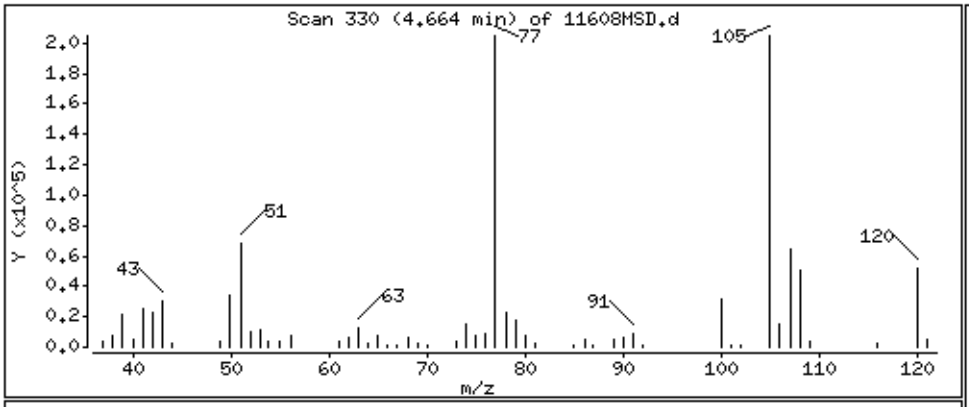
Operator: MJ

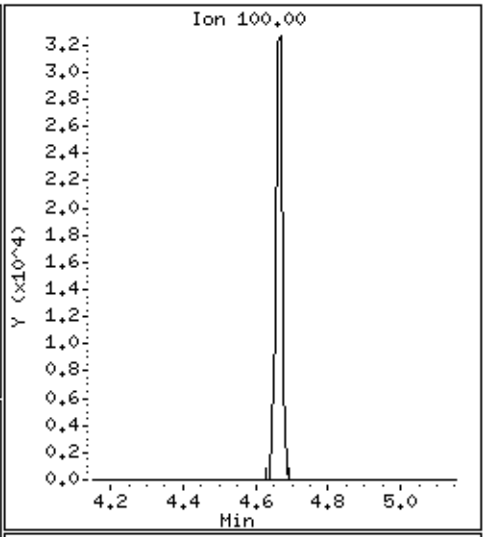
Column phase: HPMS-5

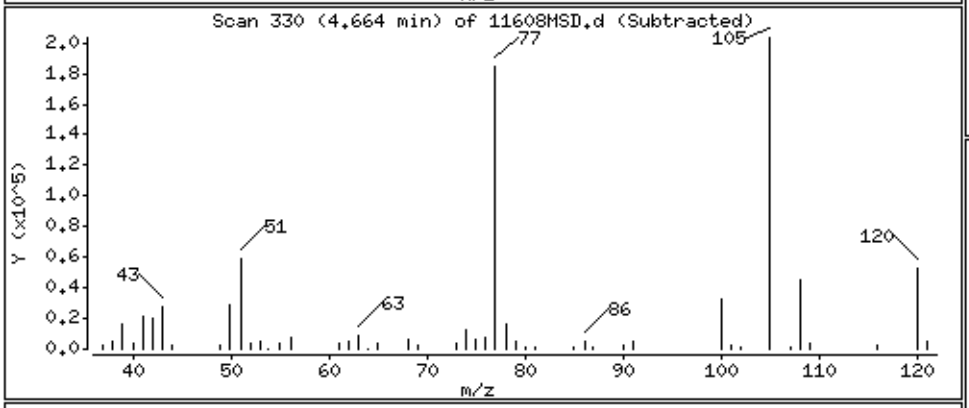
Column diameter: 0.25

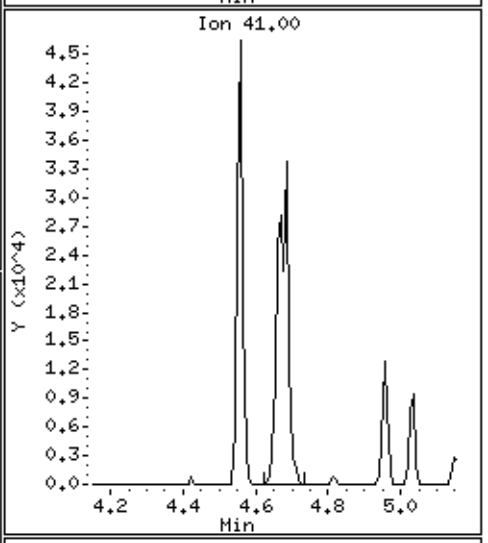
24 N-Nitrosopyrrolidine

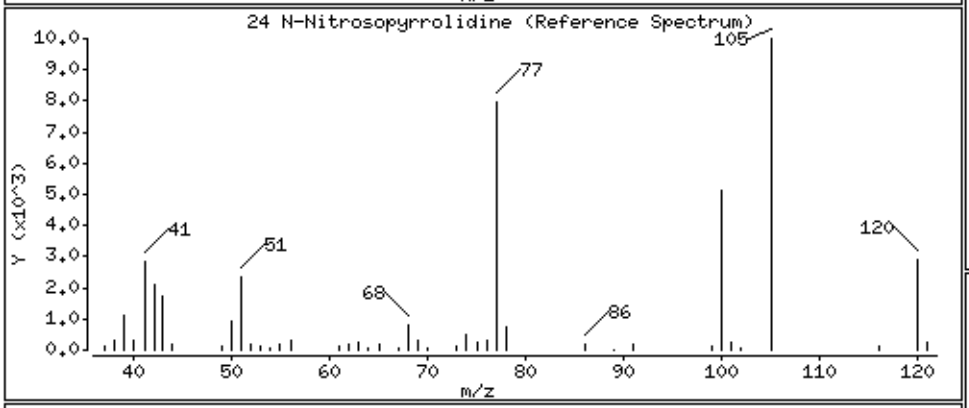
Concentration: 1660 ug/kg

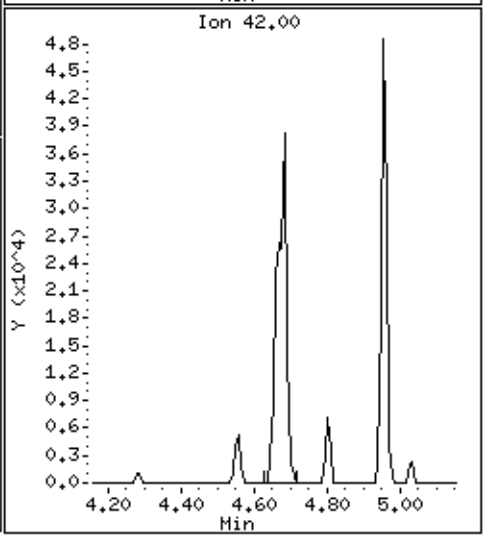


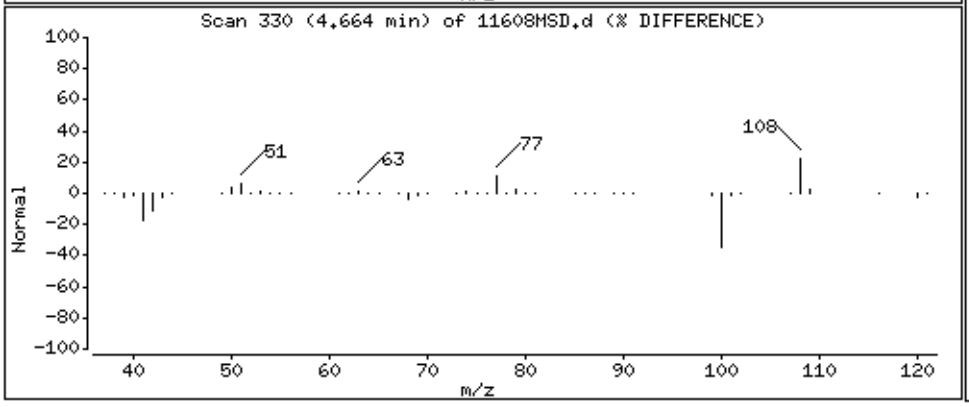












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

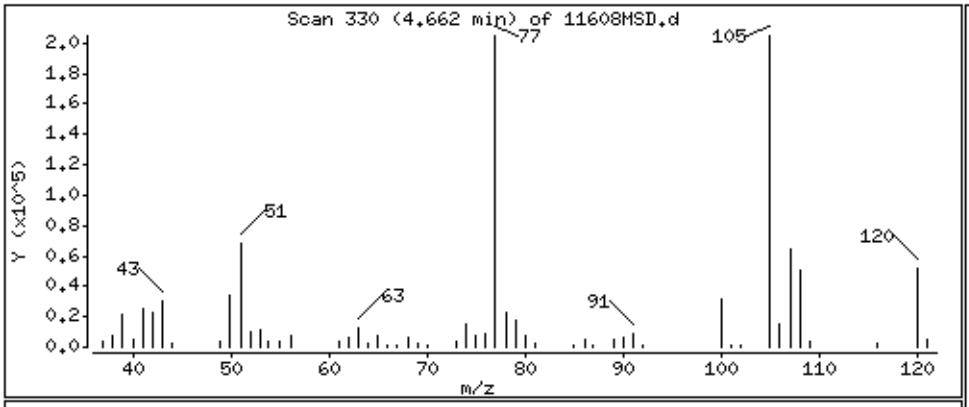
Operator: MJ

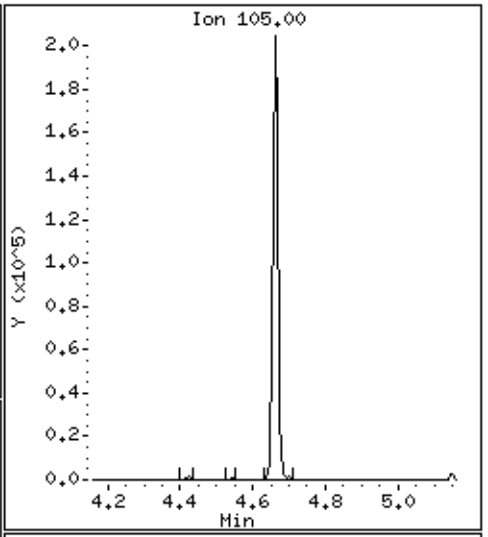
Column phase: HPMS-5

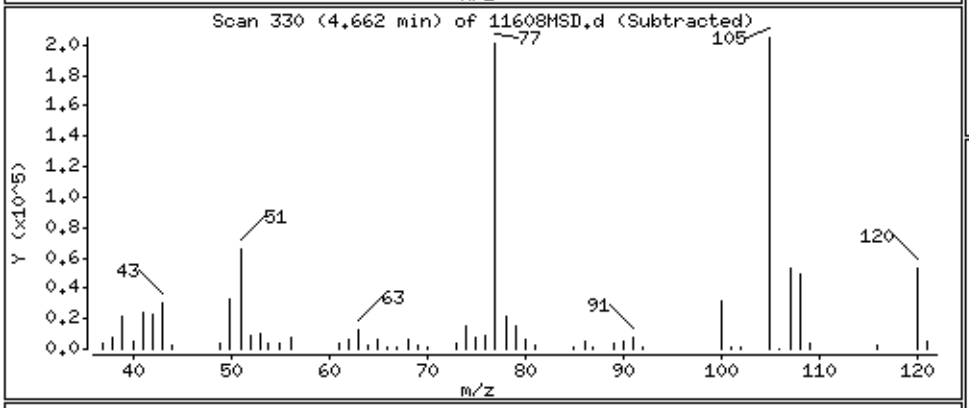
Column diameter: 0.25

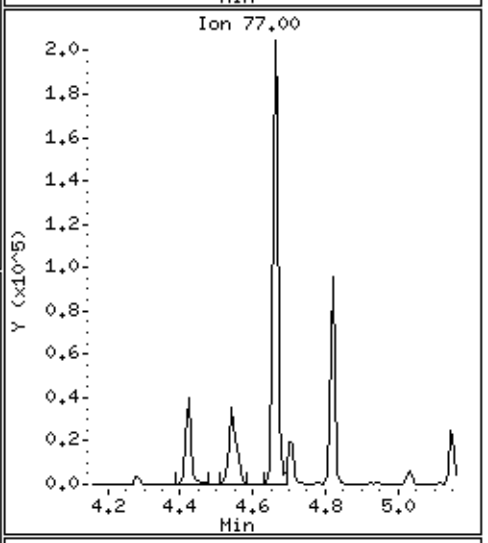
25 Acetophenone

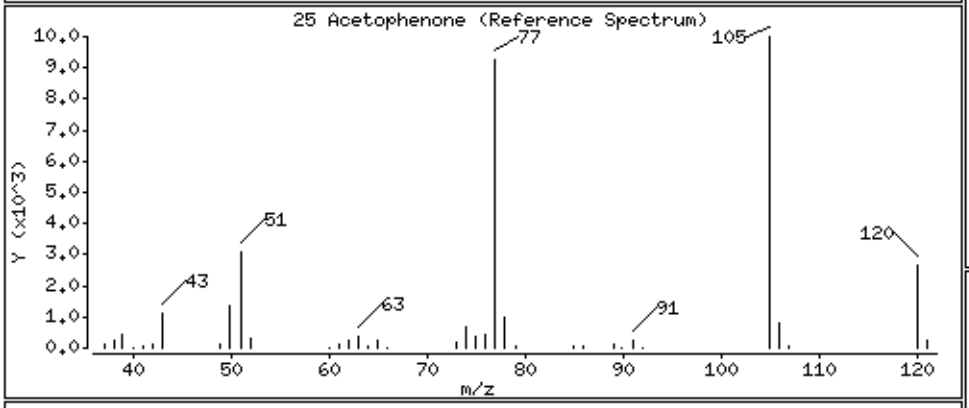
Concentration: 3310 ug/kg

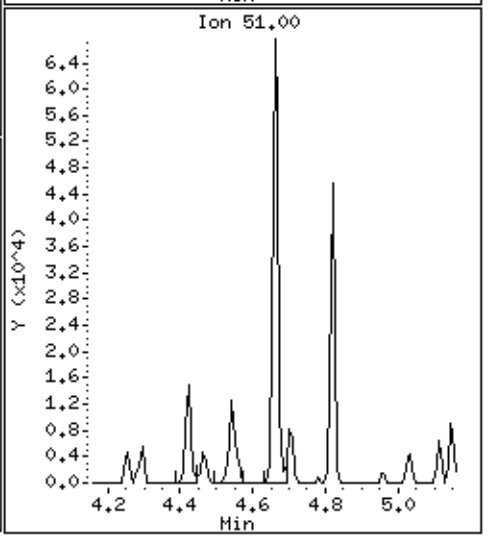


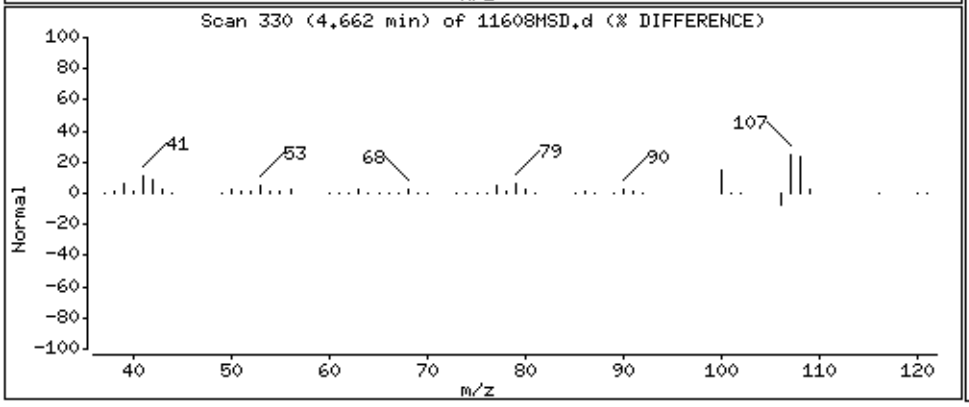












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

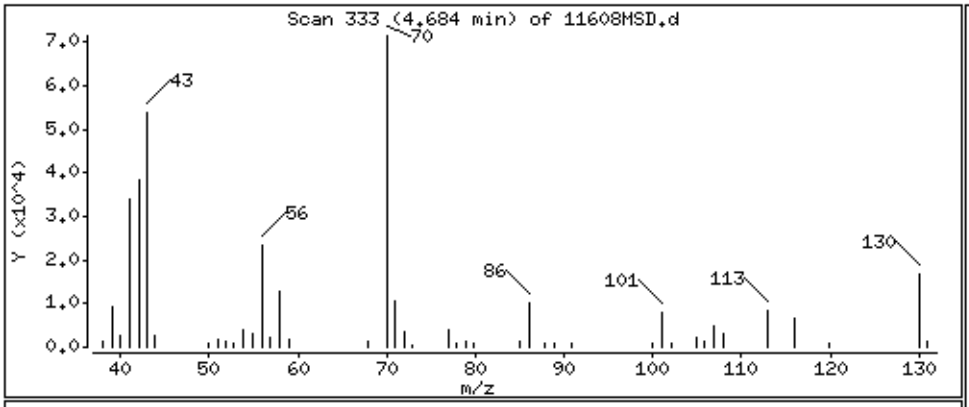
Operator: MJ

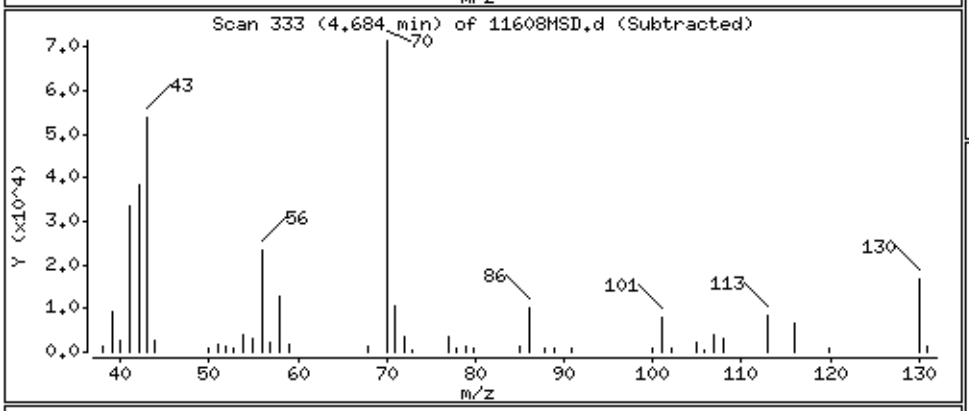
Column phase: HPMS-5

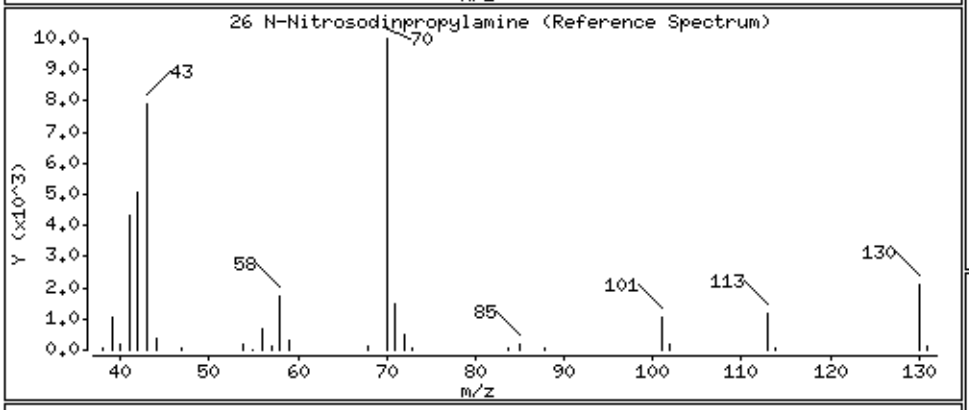
Column diameter: 0.25

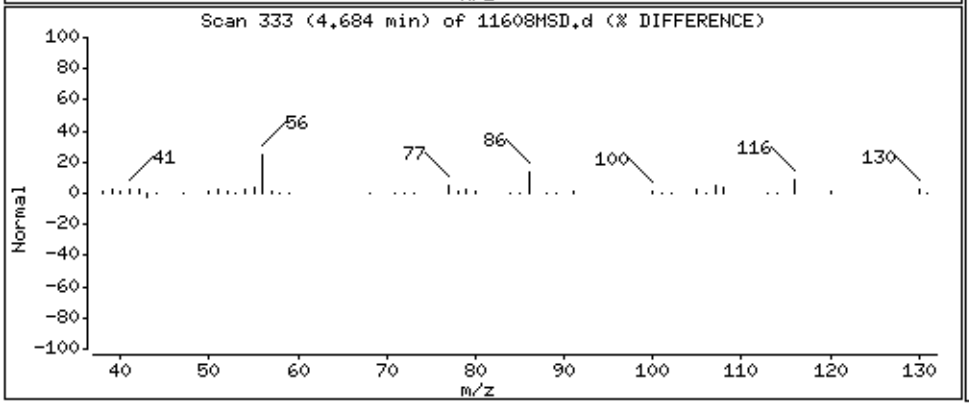
26 N-Nitrosodinpropylamine

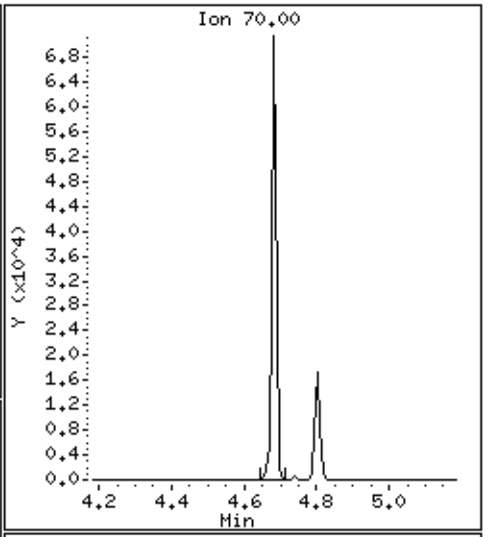
Concentration: 1720 ug/kg

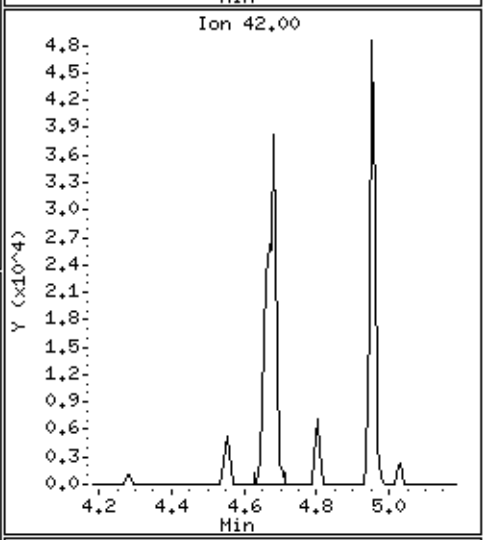


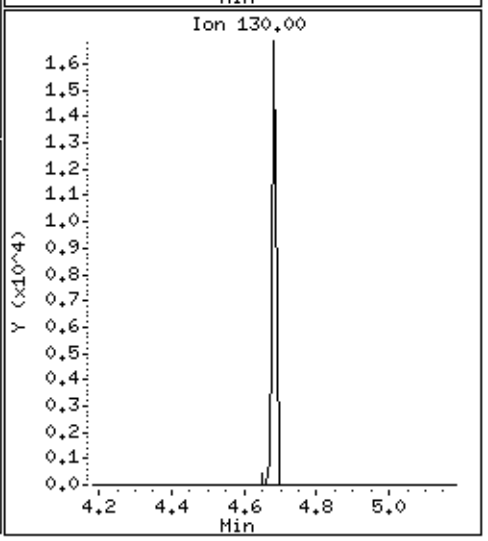












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

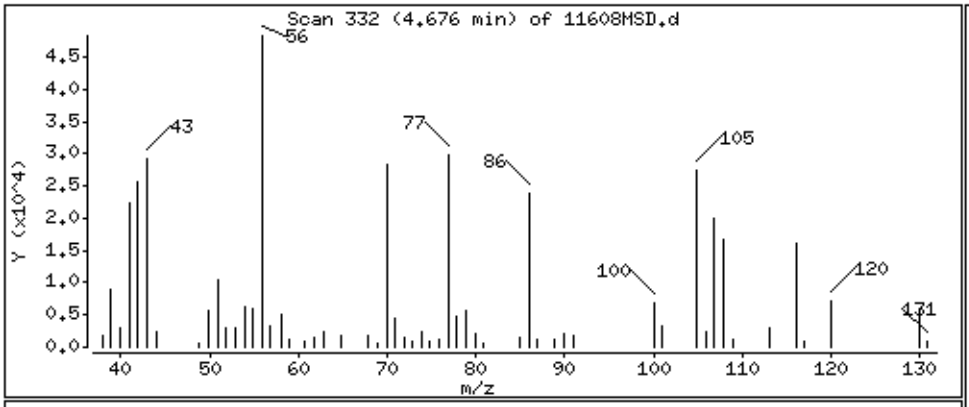
Operator: MJ

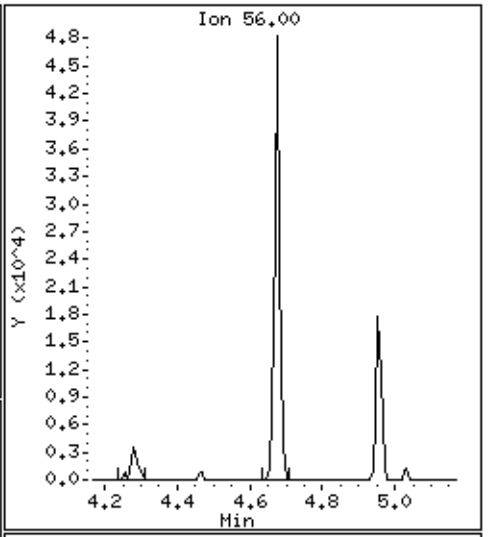
Column phase: HPMS-5

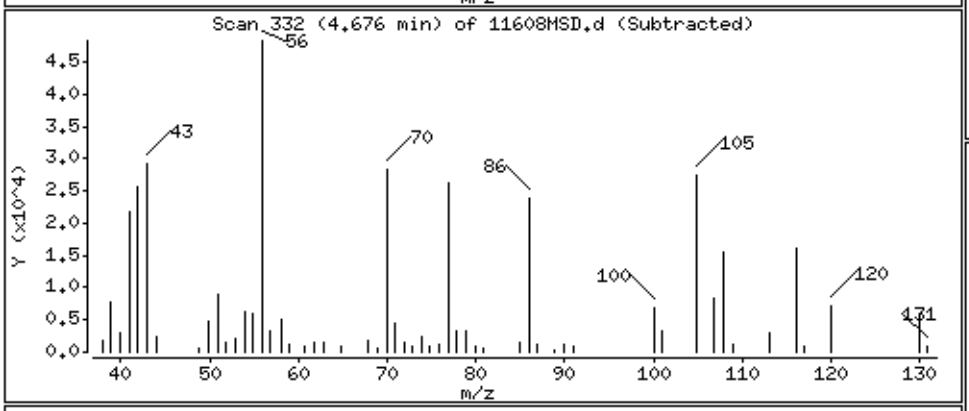
Column diameter: 0.25

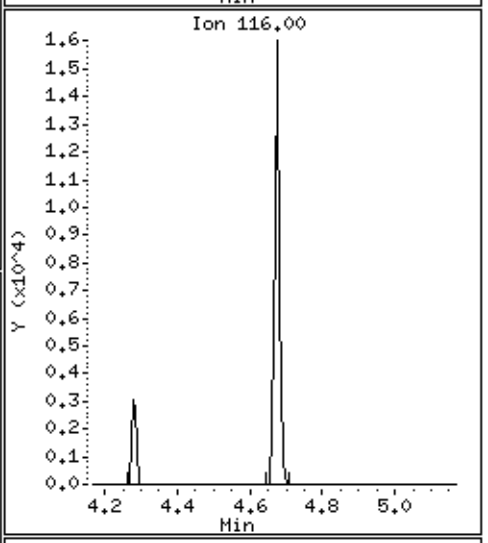
27 N-Nitrosomorpholine

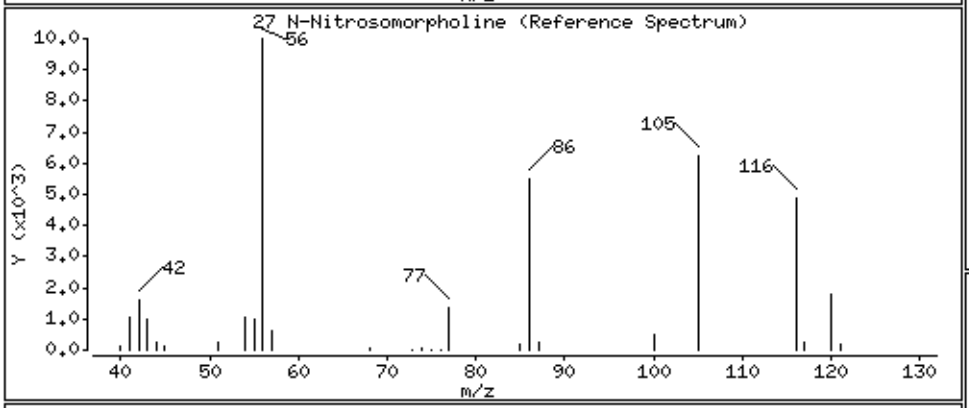
Concentration: 1660 ug/kg

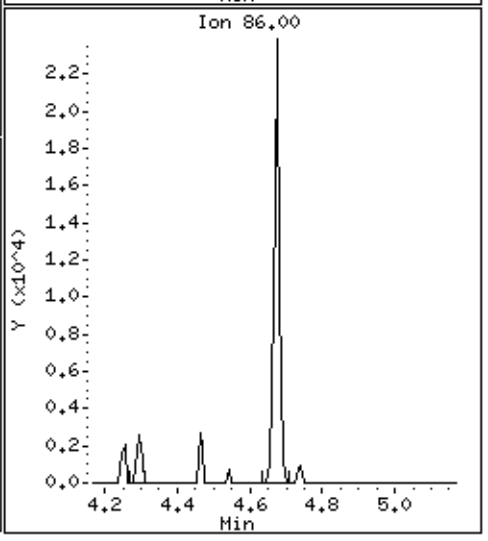


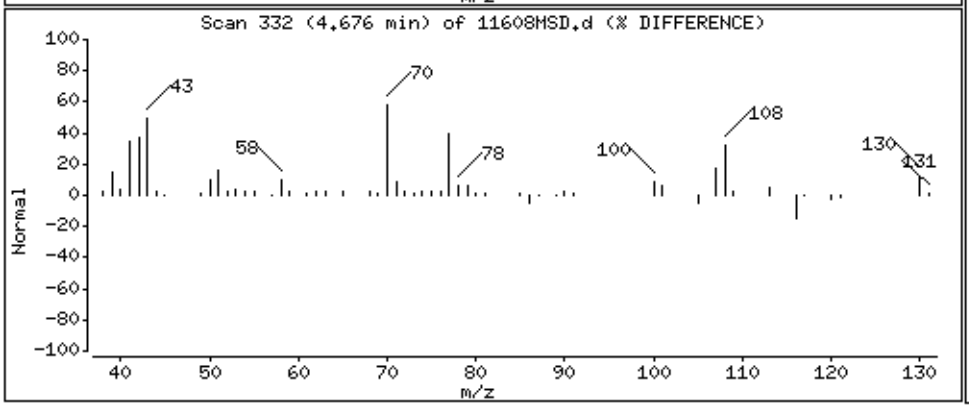












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

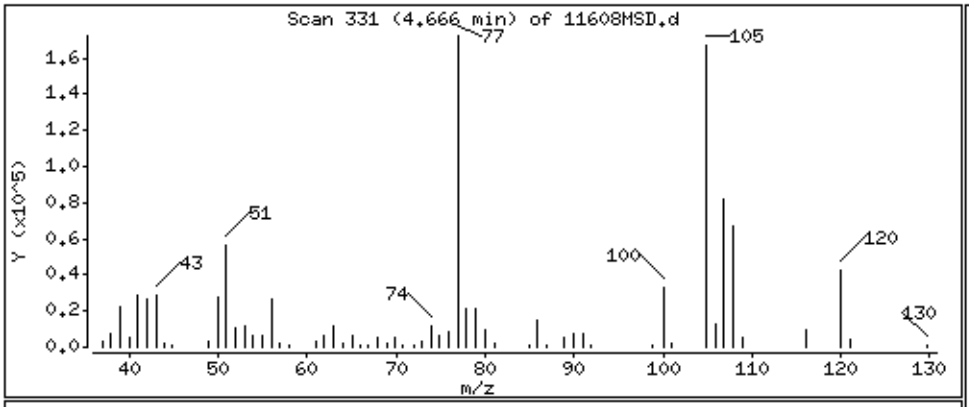
Operator: MJ

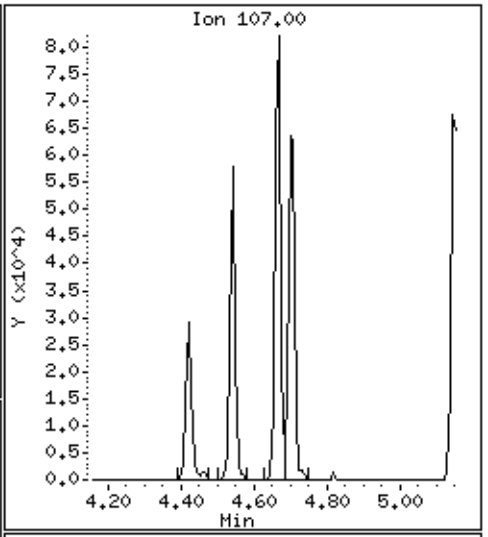
Column phase: HPMS-5

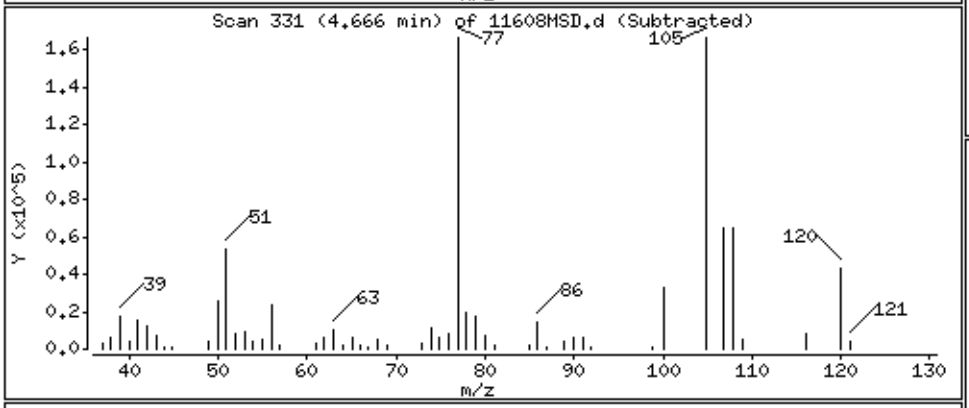
Column diameter: 0.25

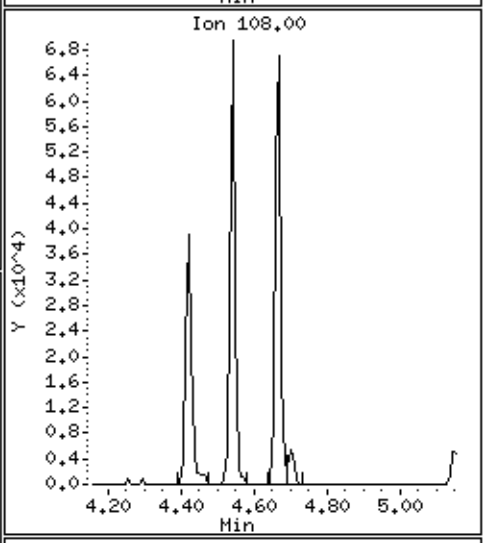
28 4-Methylphenol

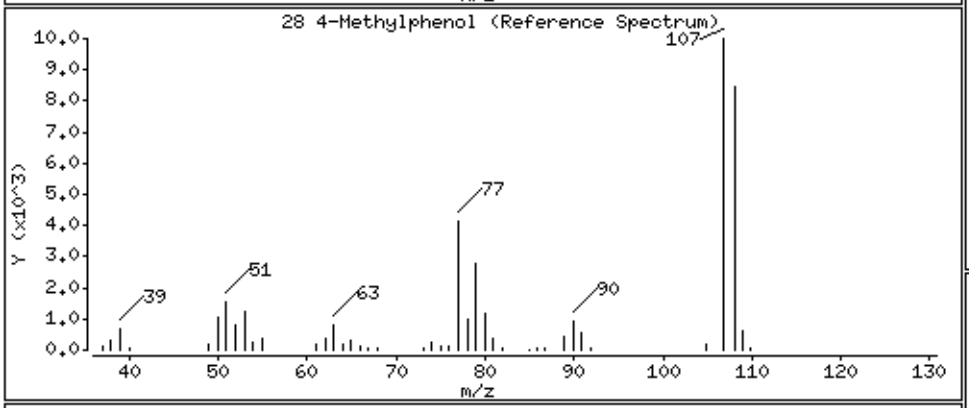
Concentration: 1610 ug/kg

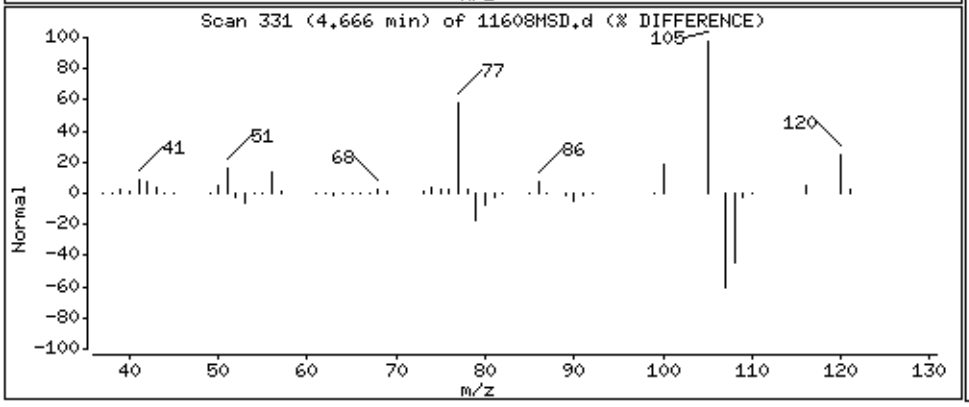


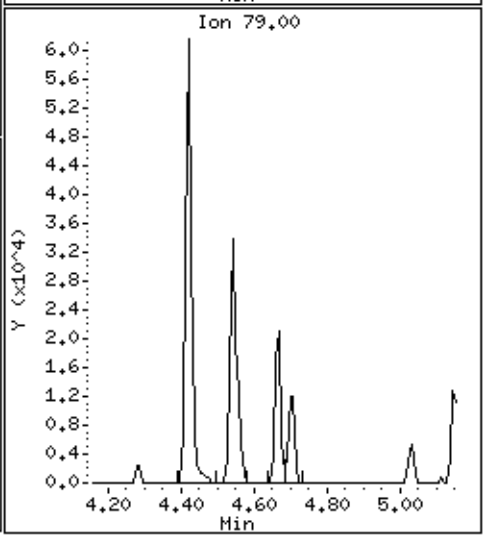












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

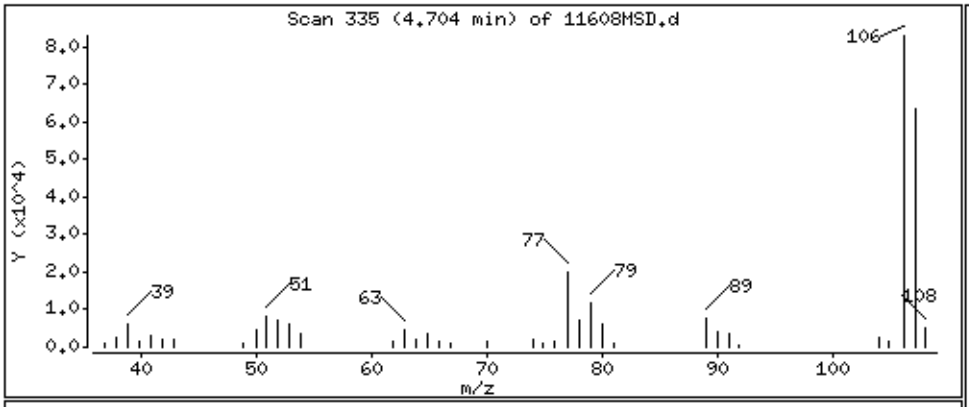
Operator: MJ

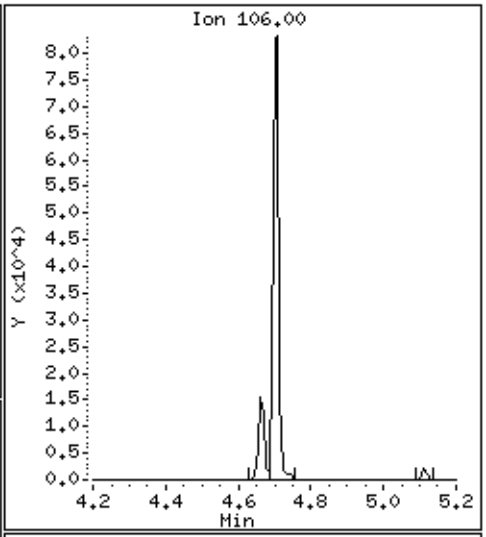
Column phase: HPMS-5

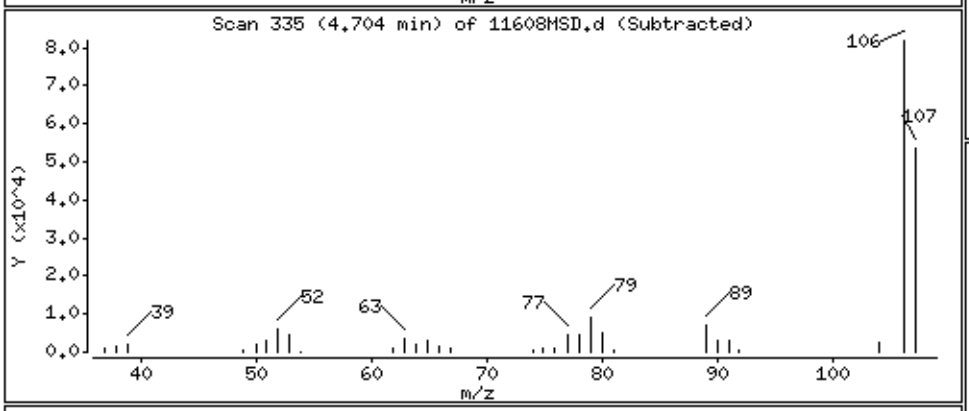
Column diameter: 0.25

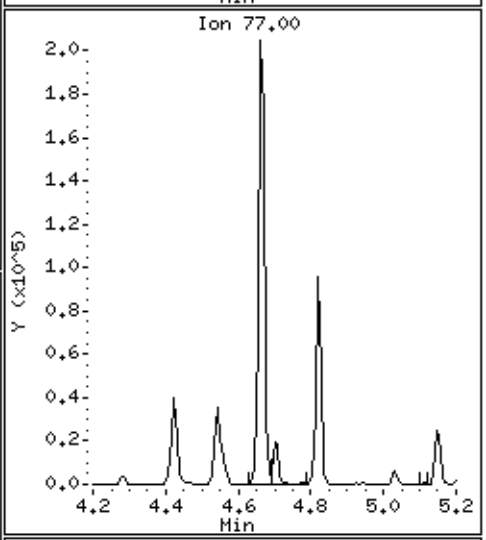
29 o-Toluidine

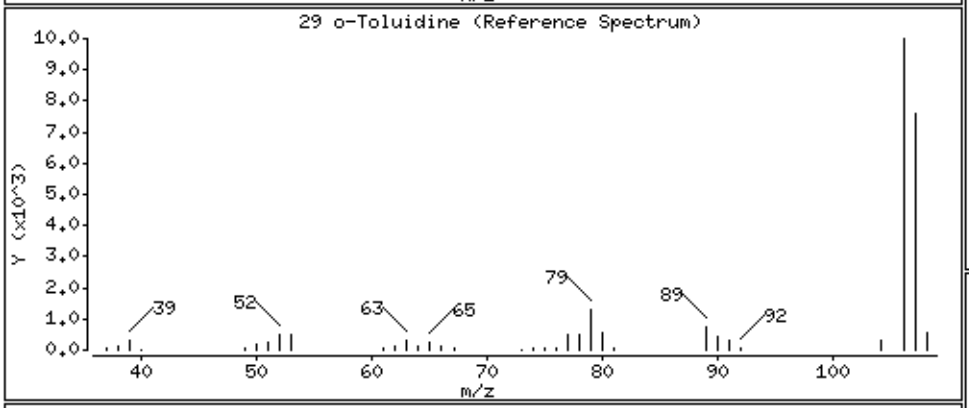
Concentration: 1340 ug/kg

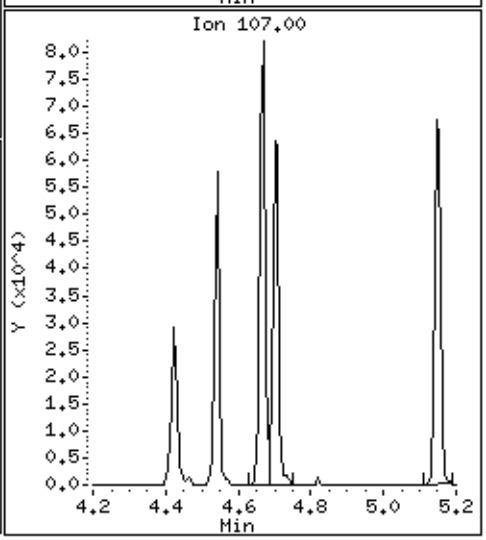


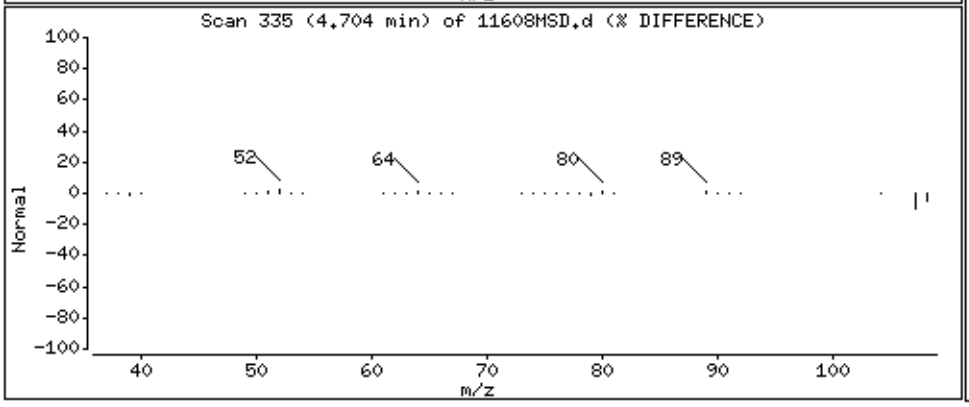












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

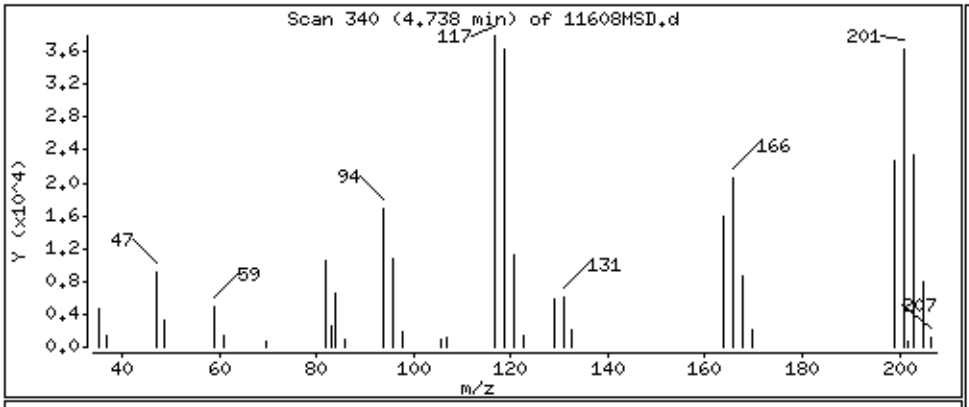
Operator: MJ

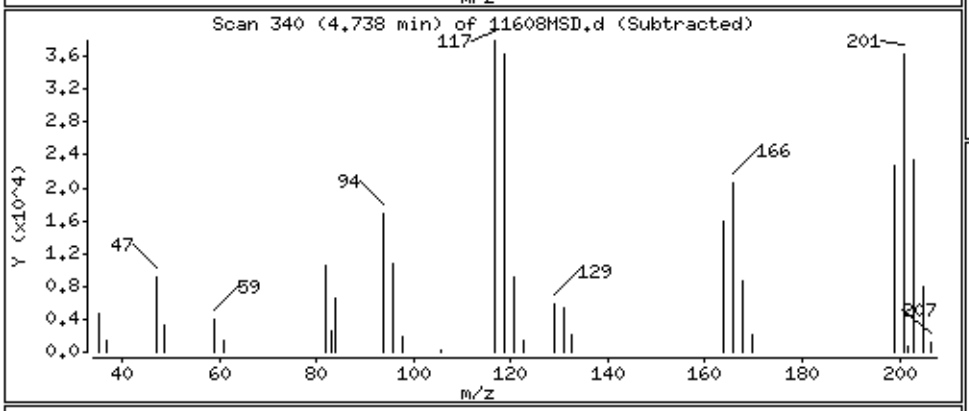
Column phase: HPMS-5

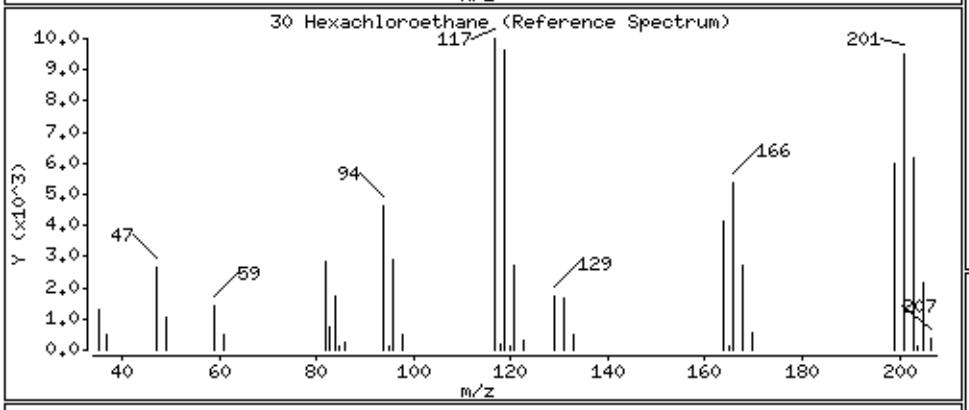
Column diameter: 0.25

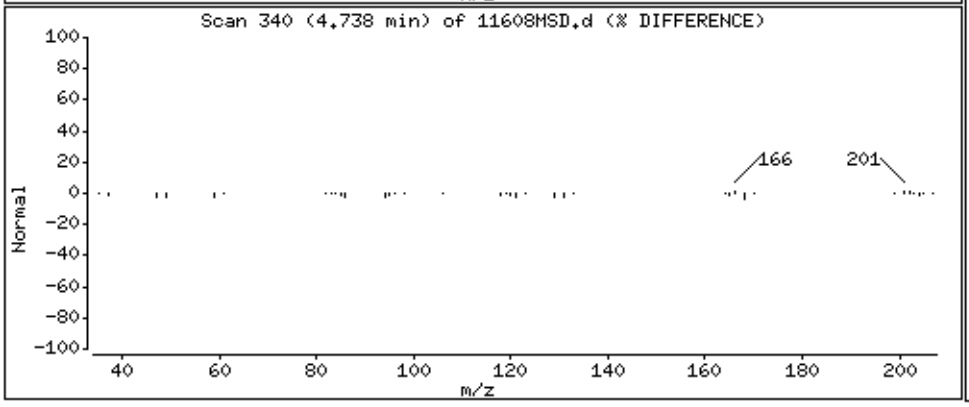
30 Hexachloroethane

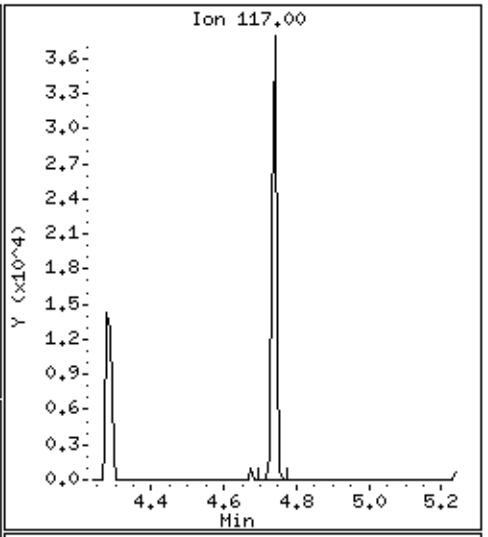
Concentration: 1540 ug/kg

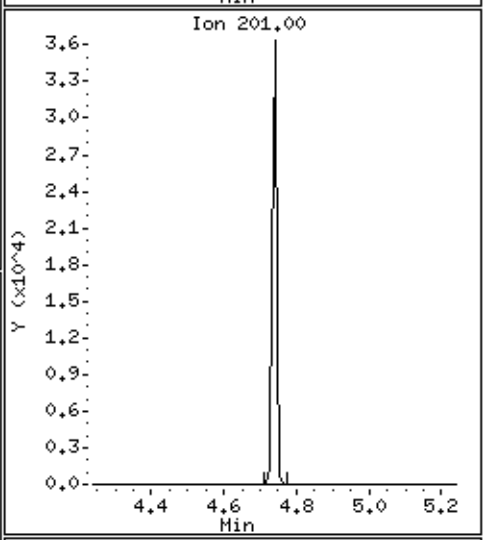


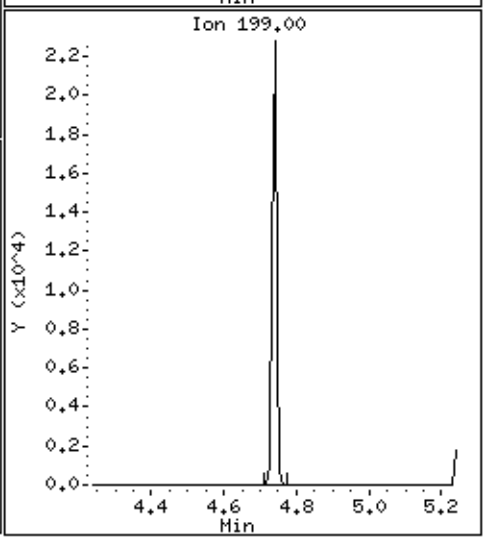












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

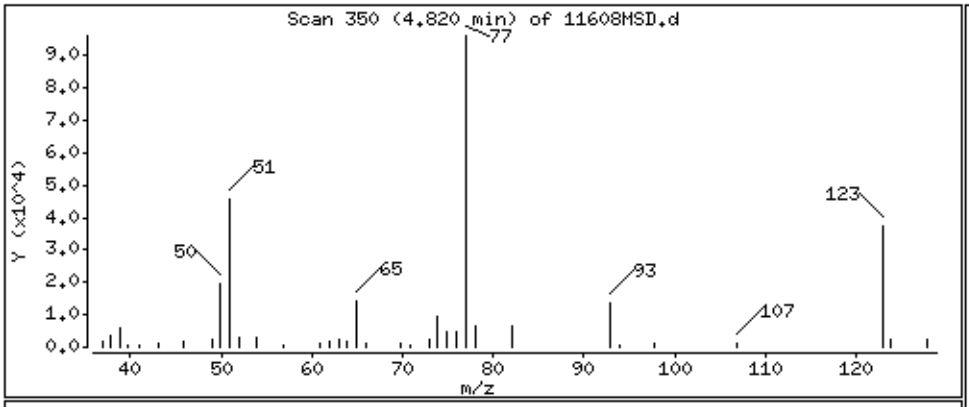
Operator: MJ

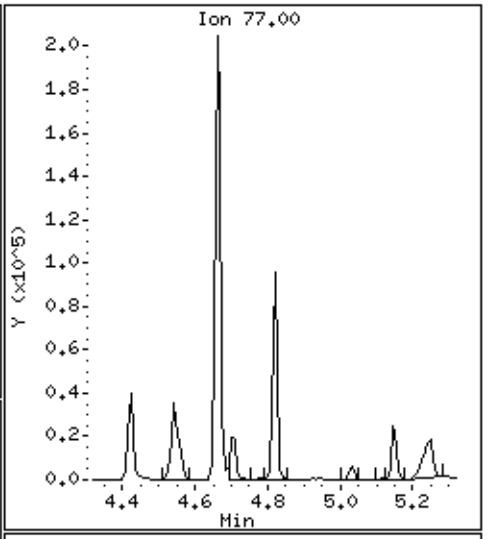
Column phase: HPMS-5

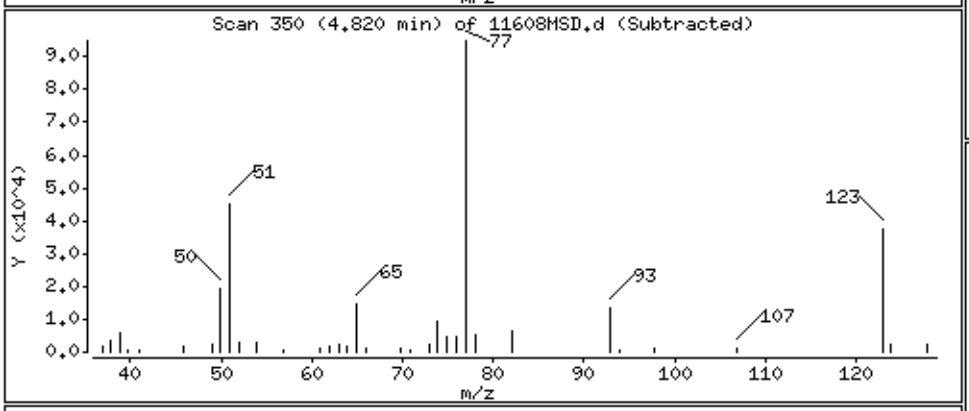
Column diameter: 0.25

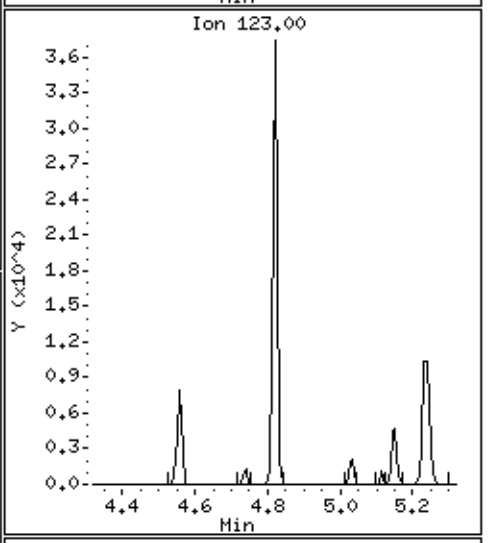
32 Nitrobenzene

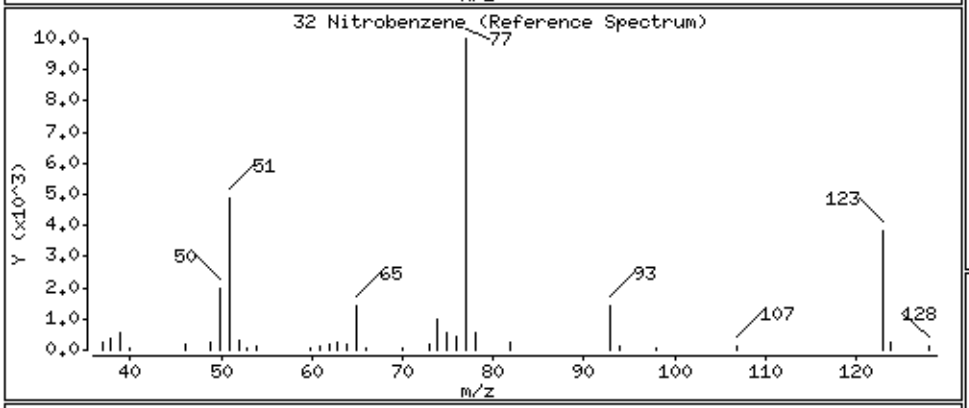
Concentration: 1580 ug/kg

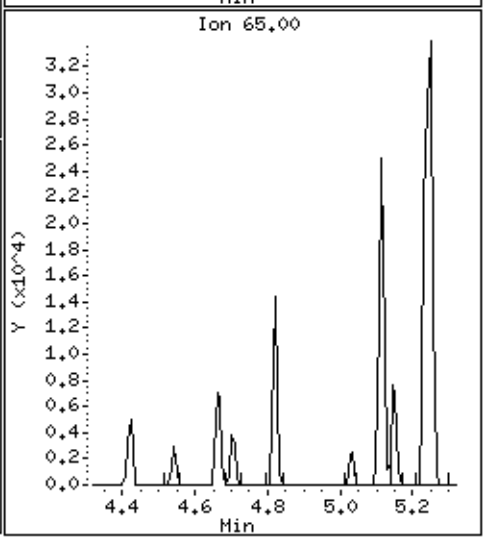


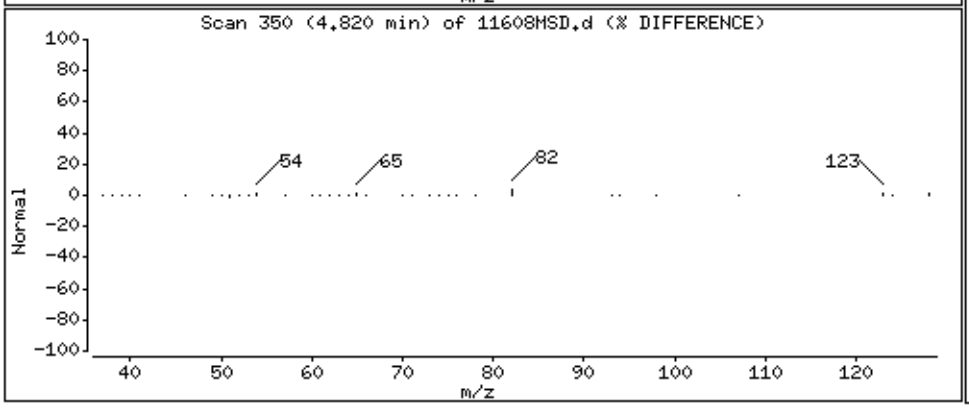












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

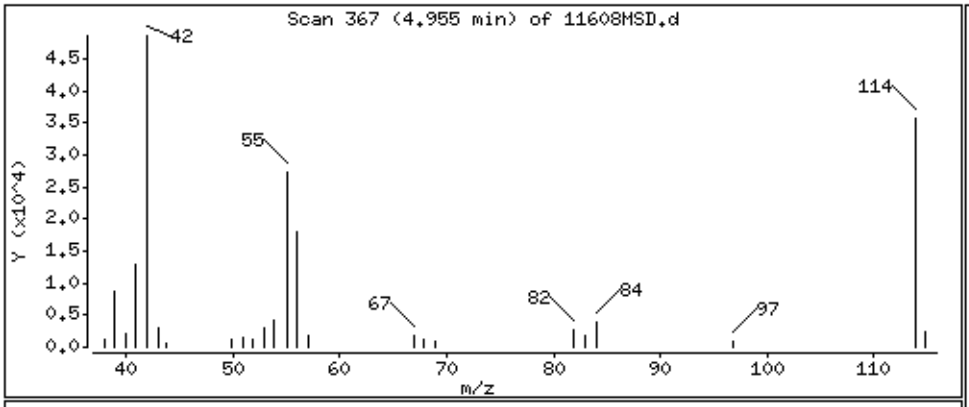
Operator: MJ

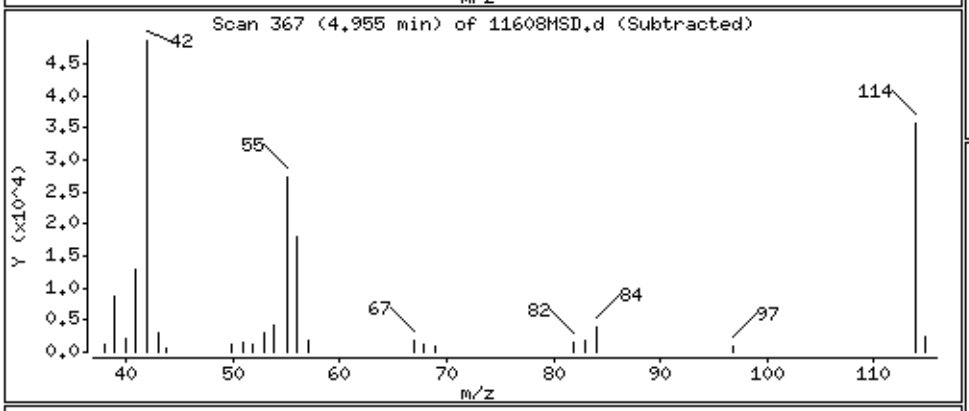
Column phase: HPMS-5

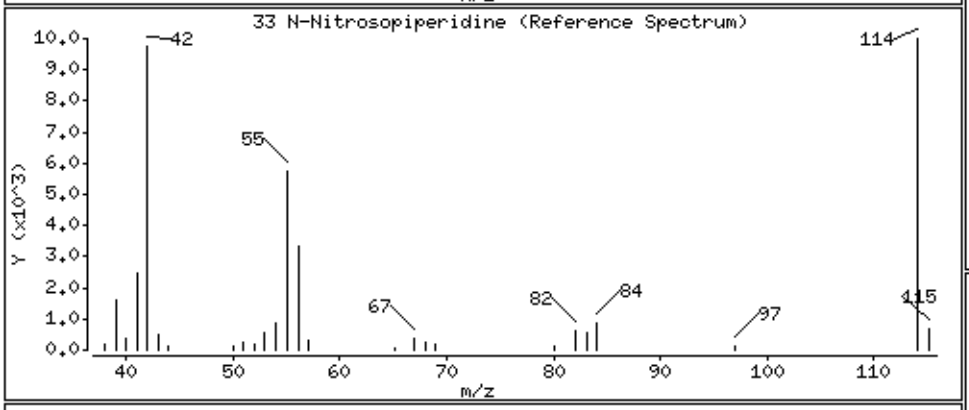
Column diameter: 0.25

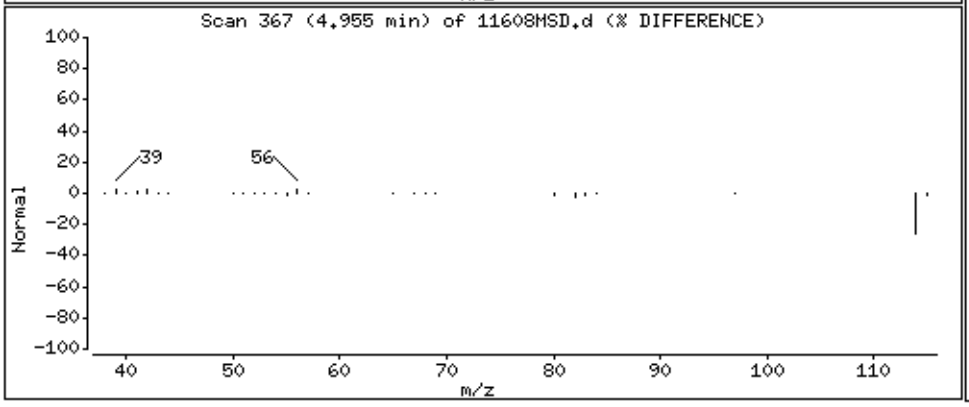
33 N-Nitrosopiperidine

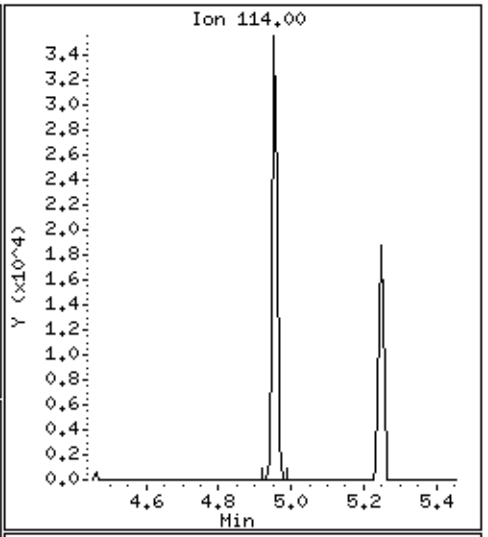
Concentration: 1700 ug/kg

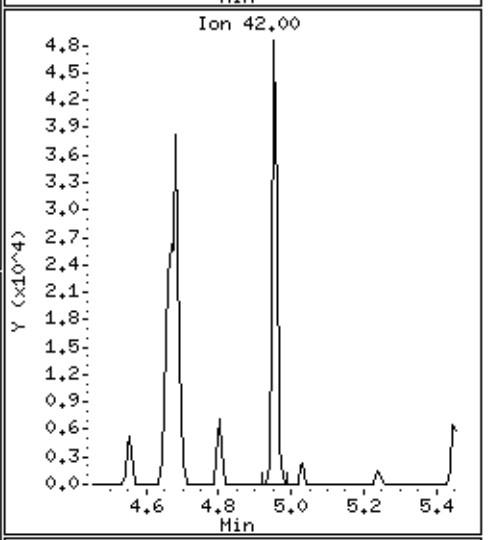


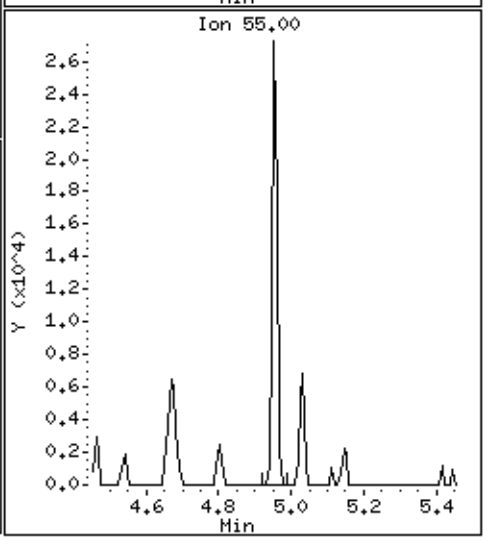












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

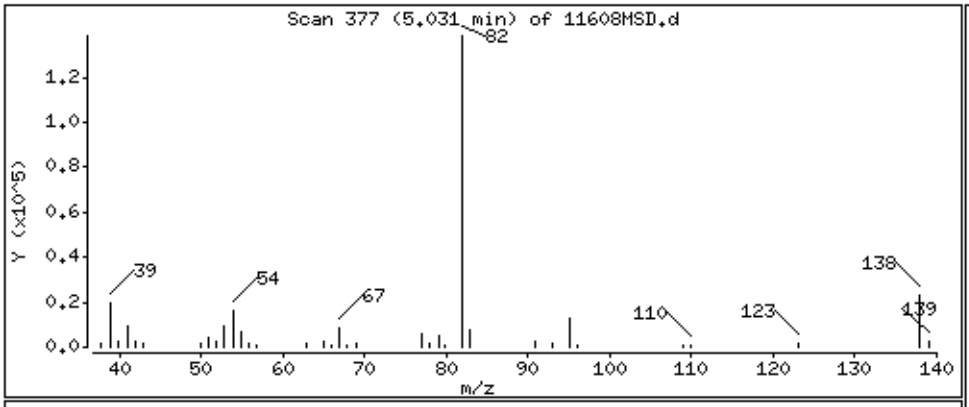
Operator: MJ

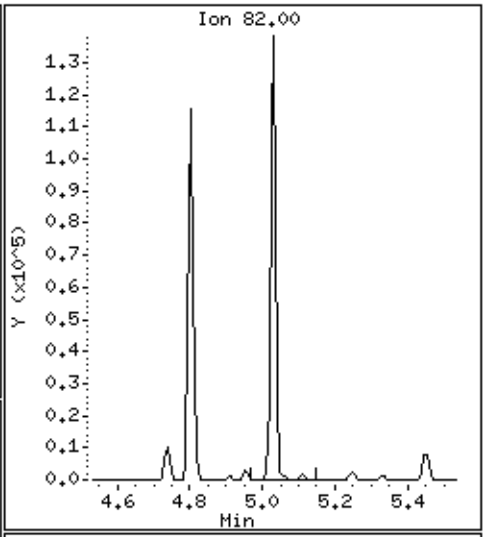
Column phase: HPMS-5

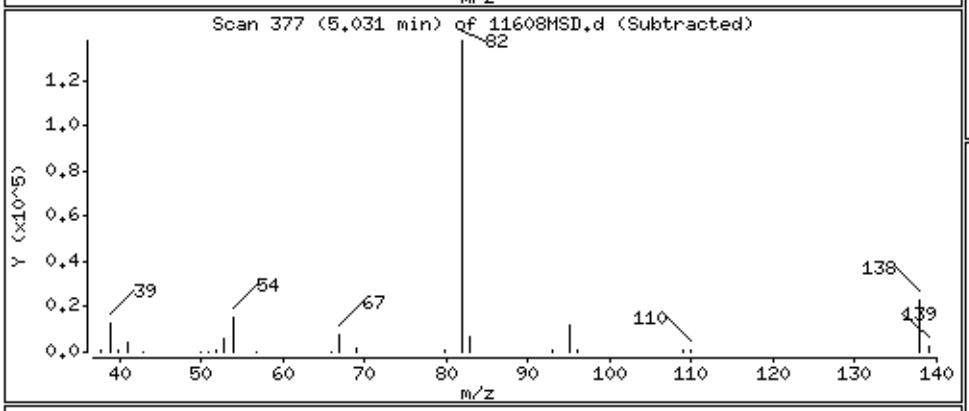
Column diameter: 0.25

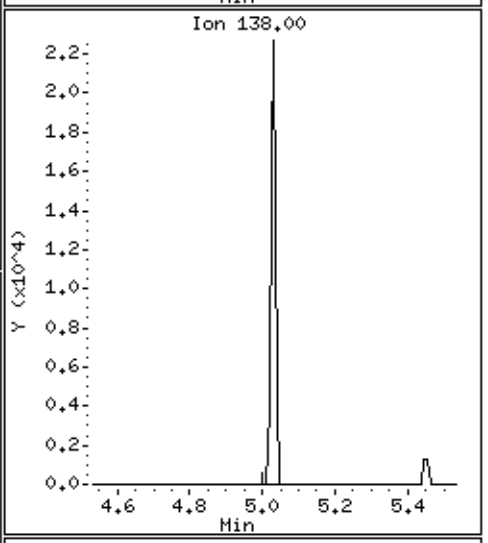
34 Isophorone

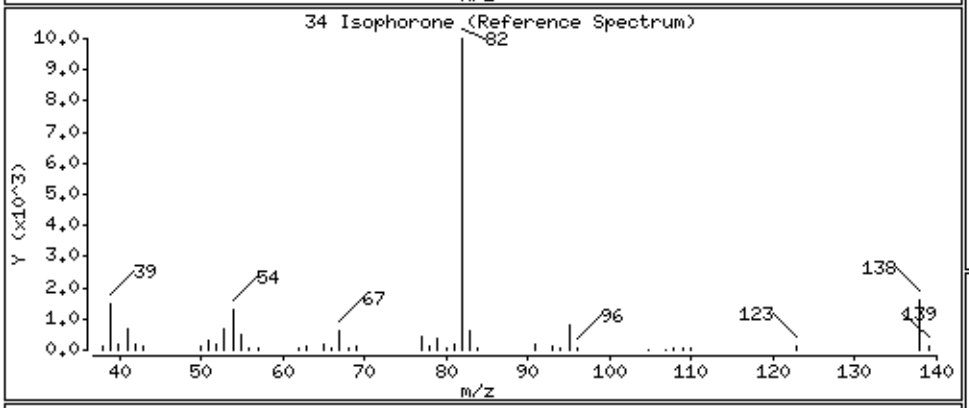
Concentration: 1510 ug/kg

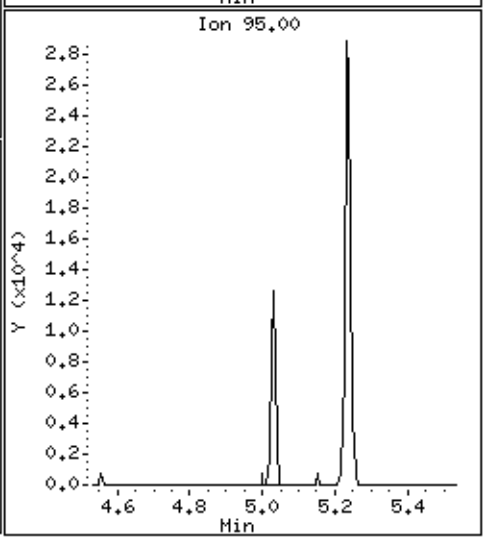


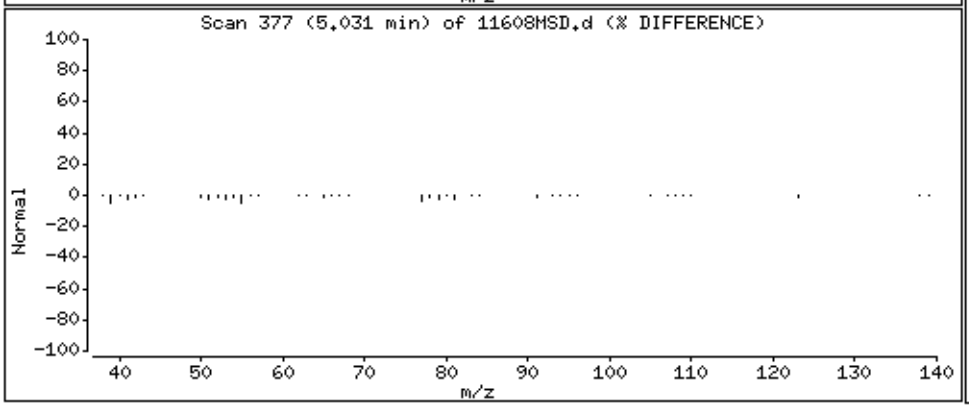












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

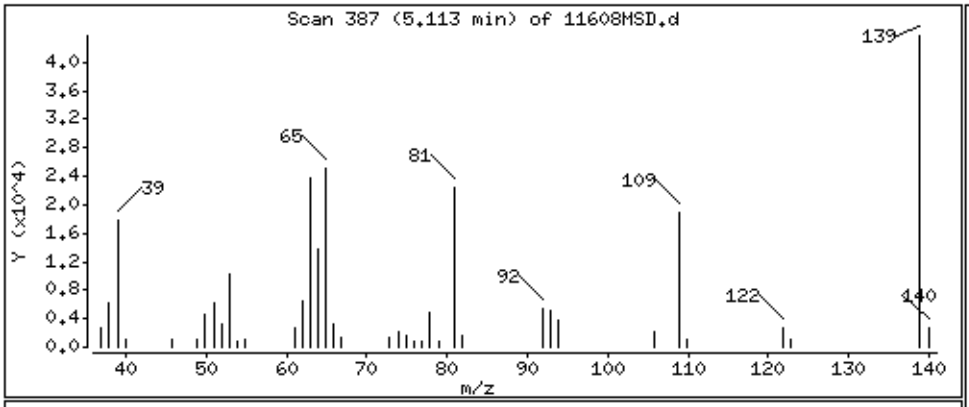
Operator: MJ

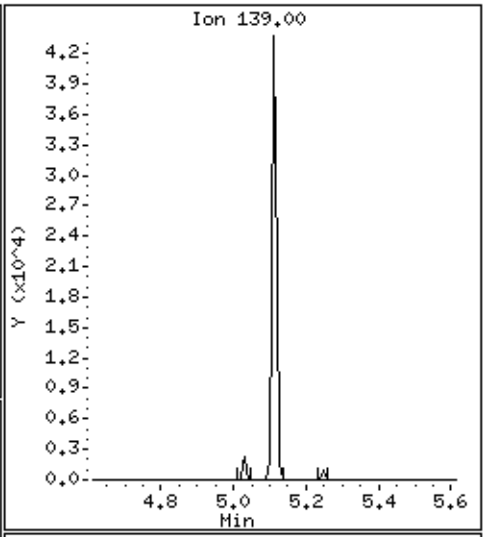
Column phase: HPMS-5

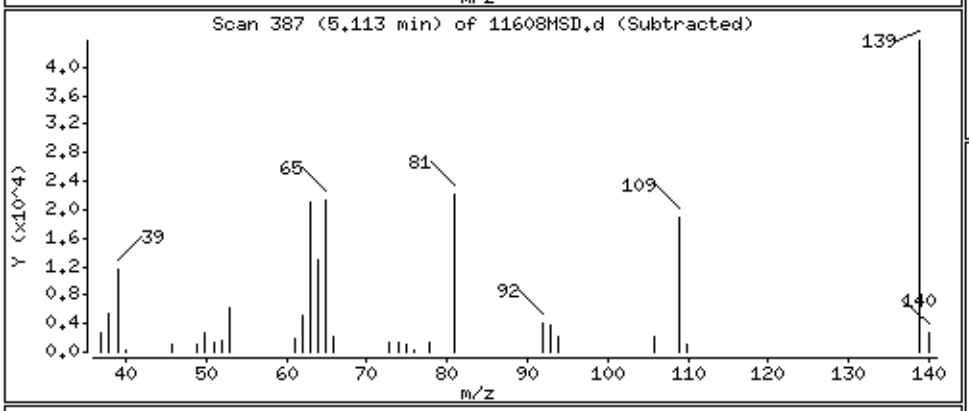
Column diameter: 0.25

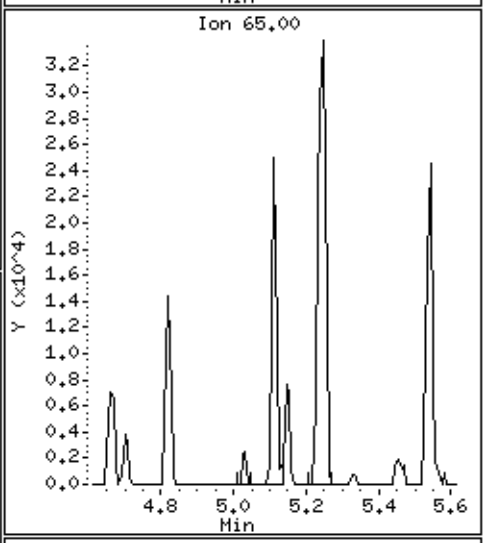
35 2-Nitrophenol

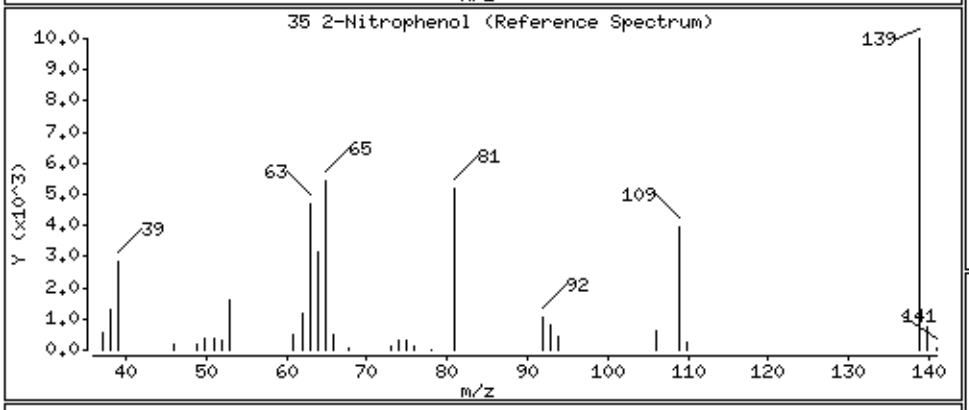
Concentration: 1760 ug/kg

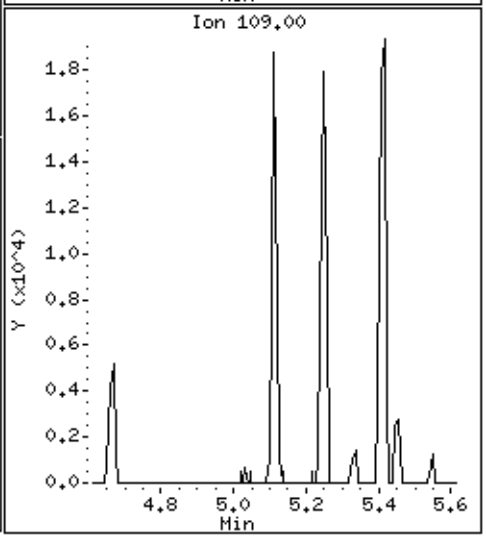


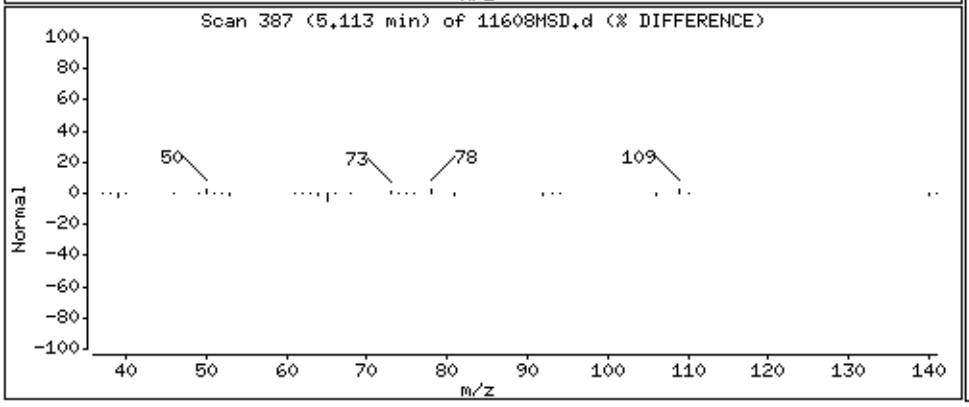












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

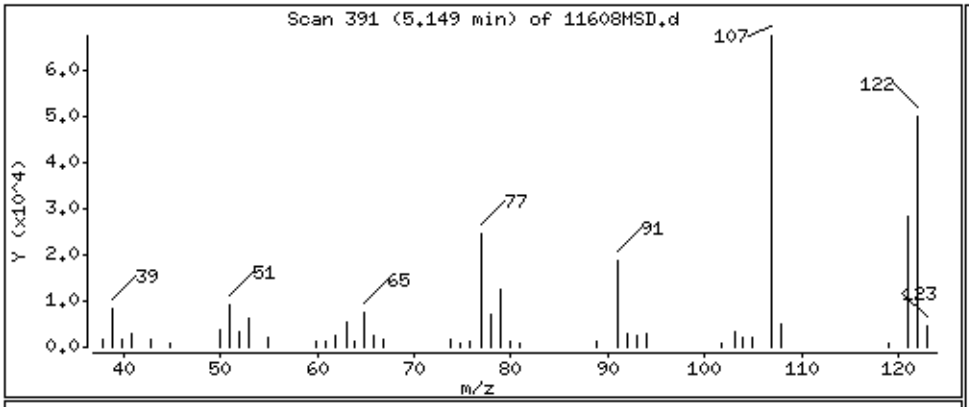
Operator: MJ

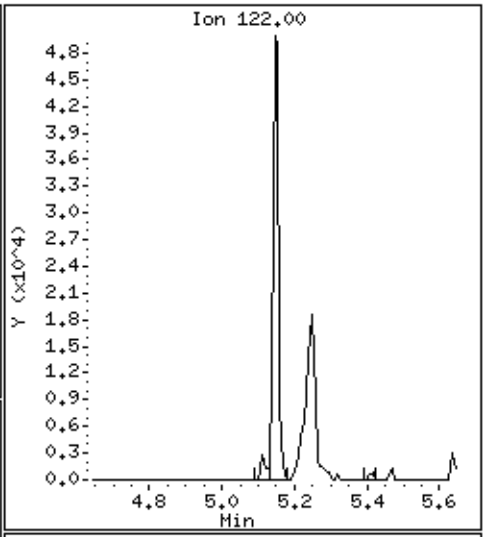
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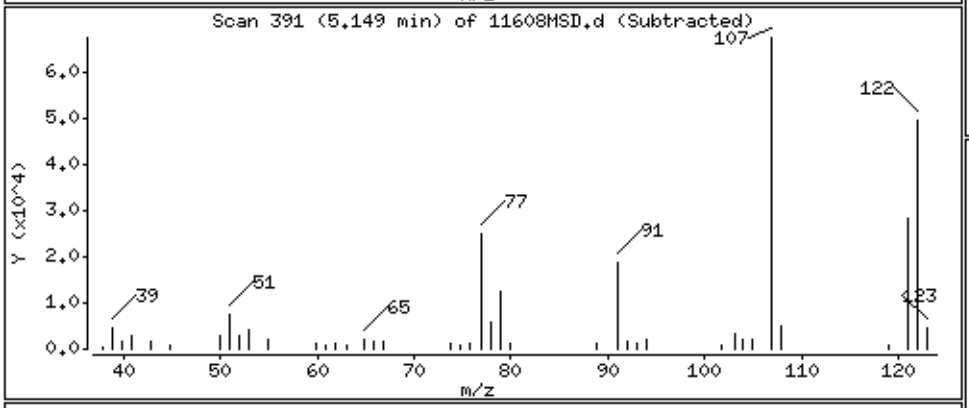
Column diameter: 0.25

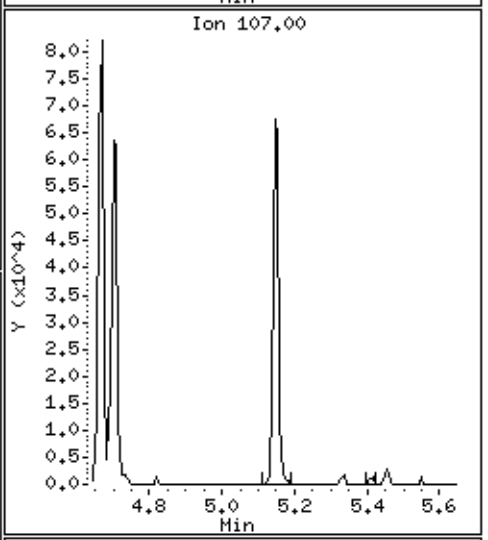
36 2,4-Dimethylphenol

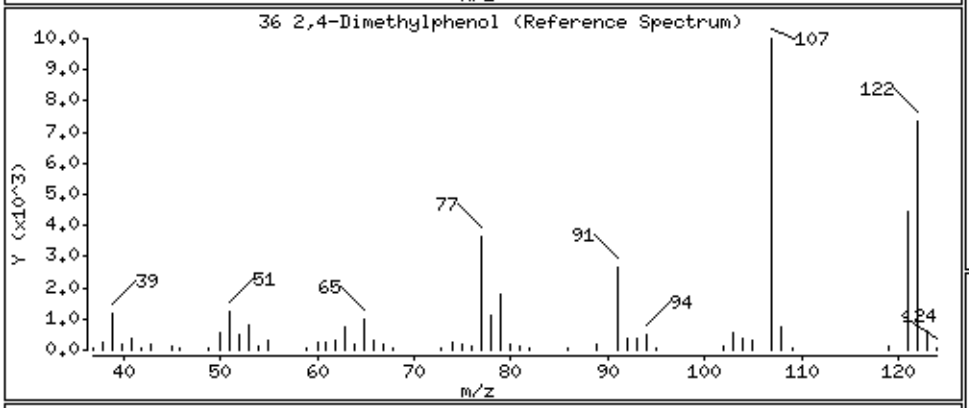
Concentration: 1700 ug/kg

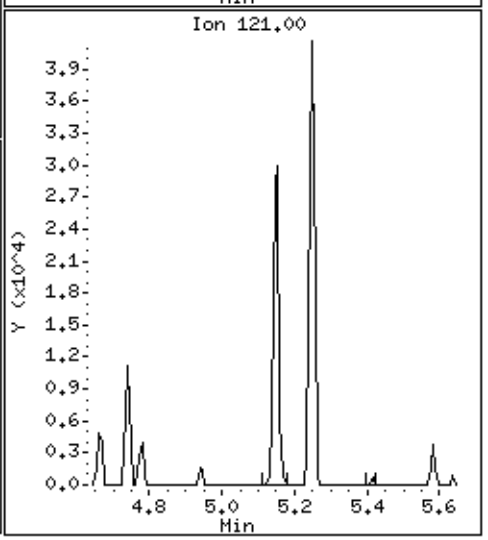


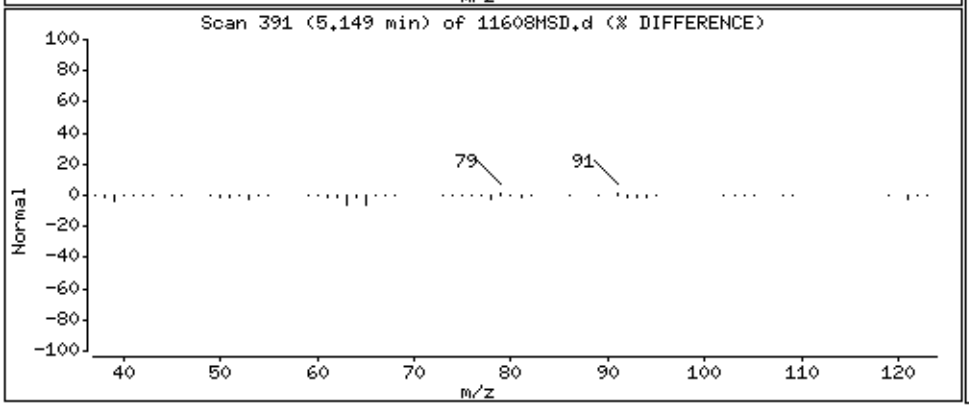












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

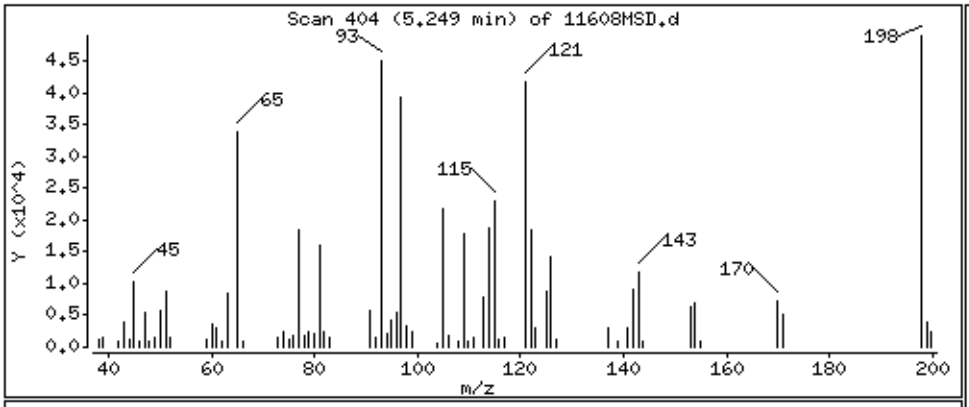
Operator: MJ

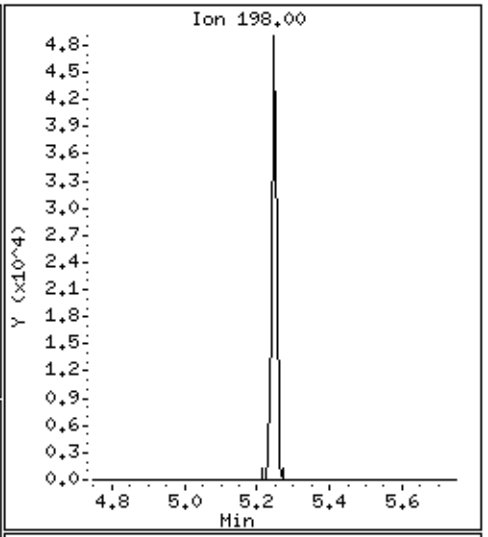
Column phase: HPMS-5

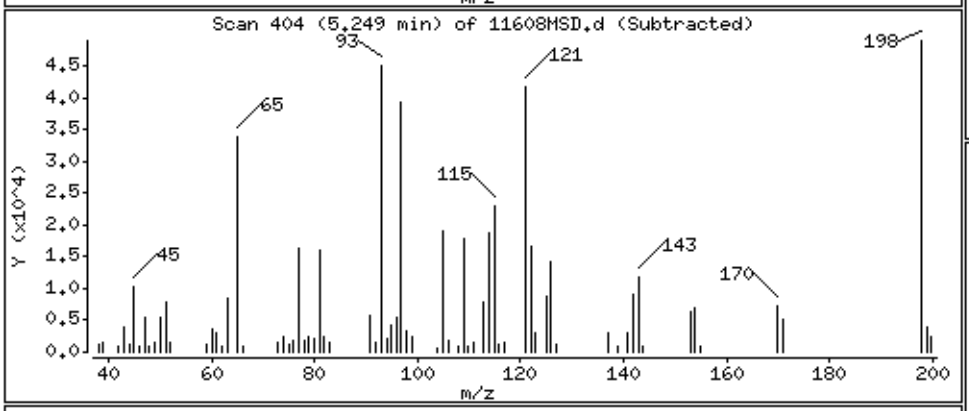
Column diameter: 0.25

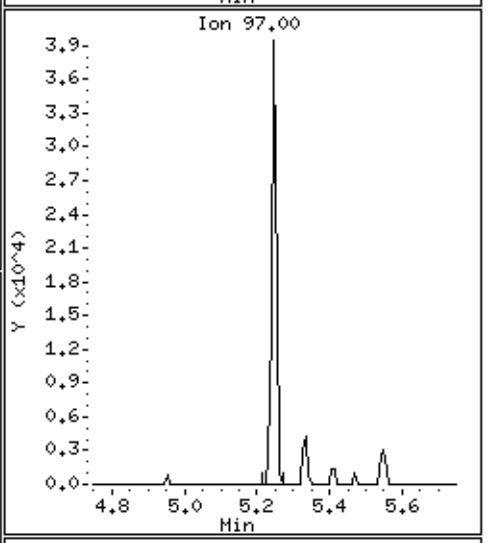
37 o,o,o-Triethylphosphorothioate

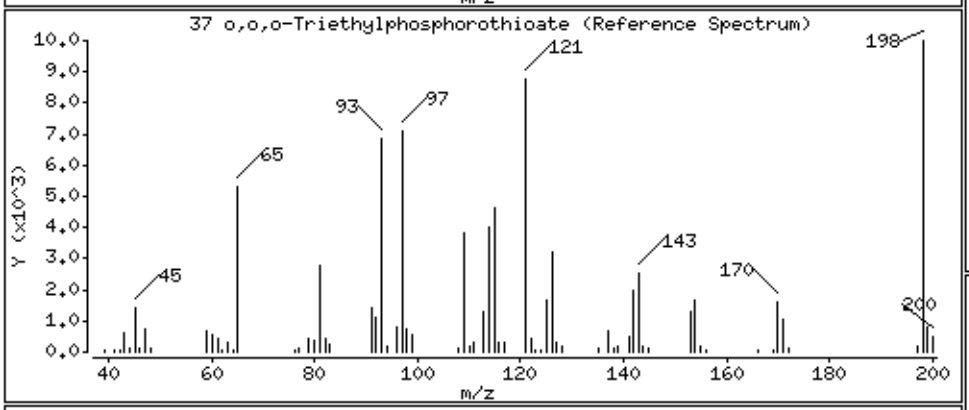
Concentration: 1680 ug/kg

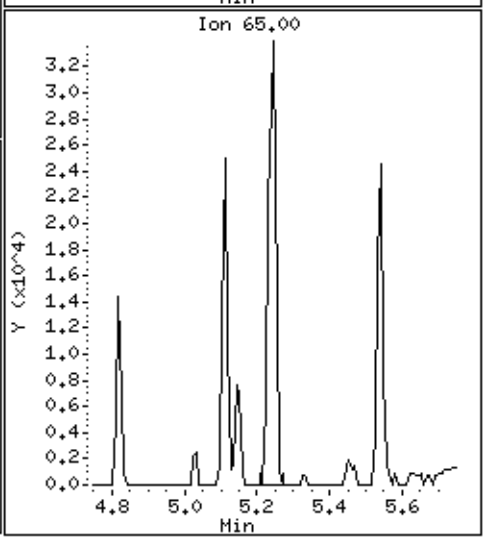


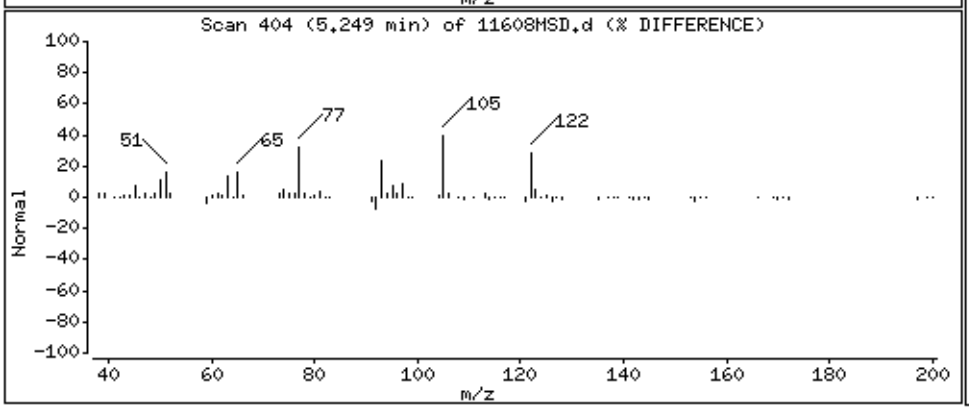












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

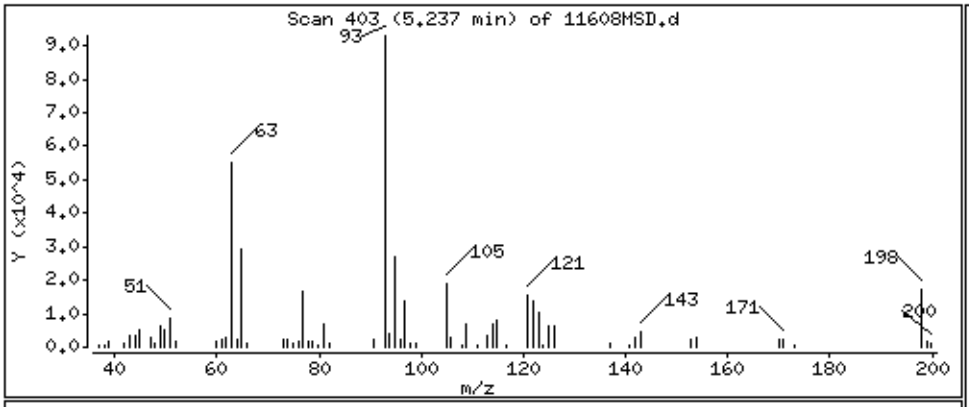
Operator: MJ

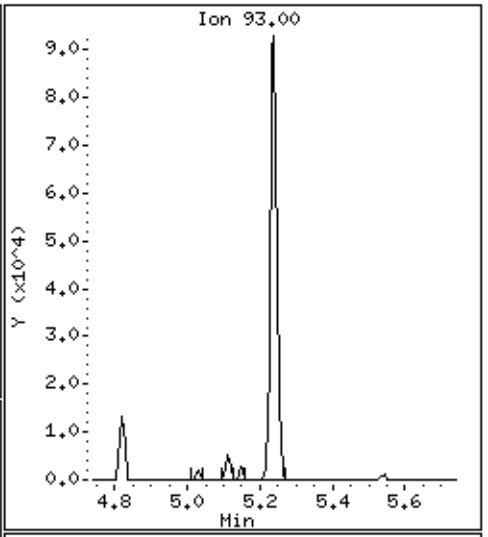
Column phase: HPMS-5

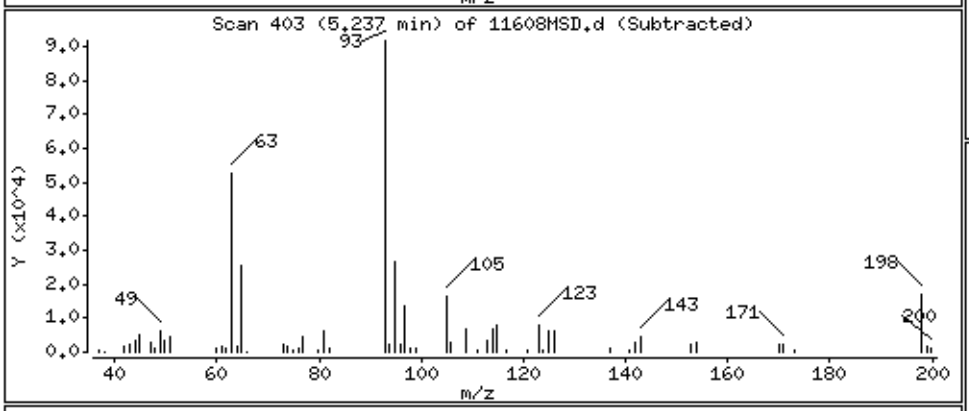
Column diameter: 0.25

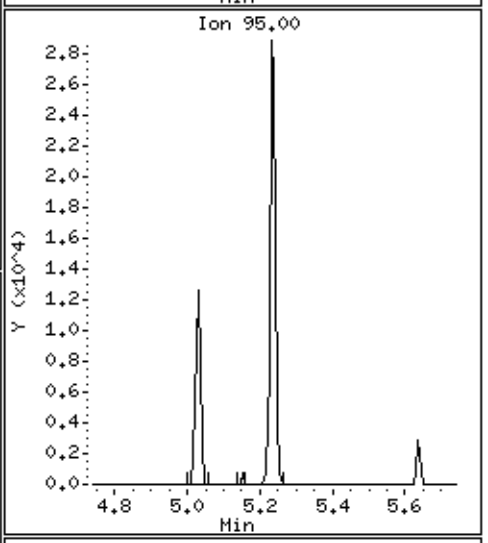
38 Bis(2-Chloroethoxy)methane

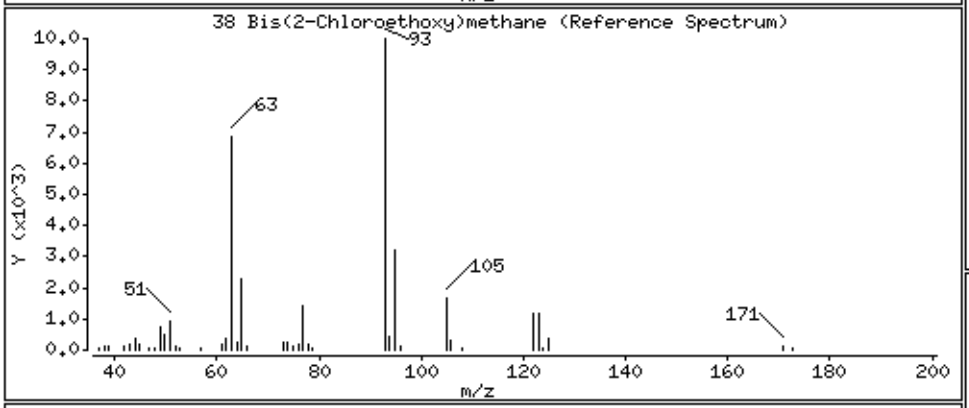
Concentration: 2300 ug/kg

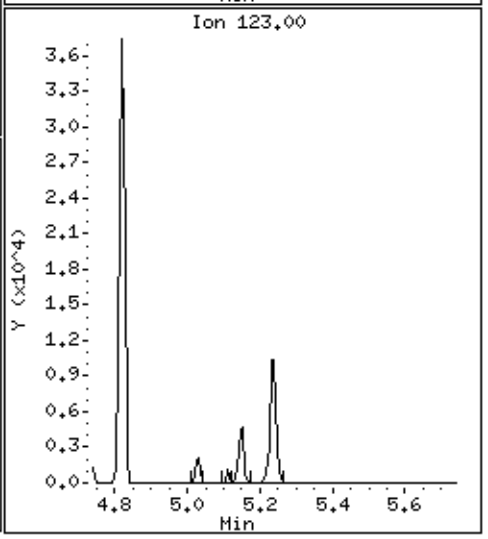


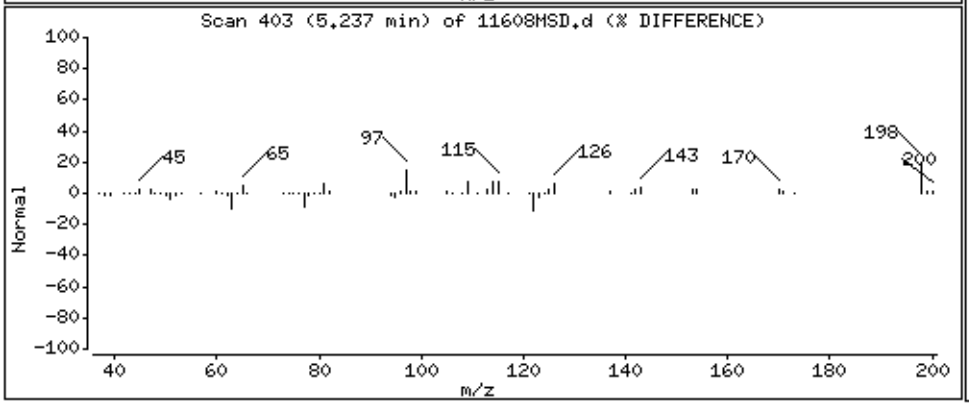












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

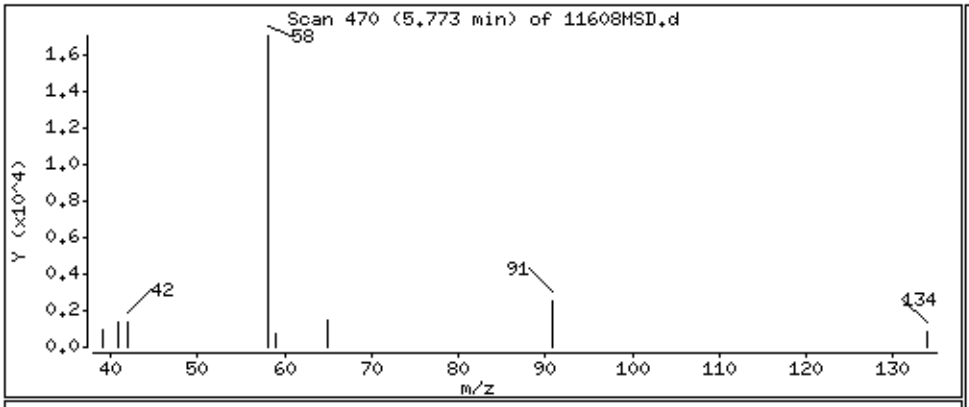
Operator: MJ

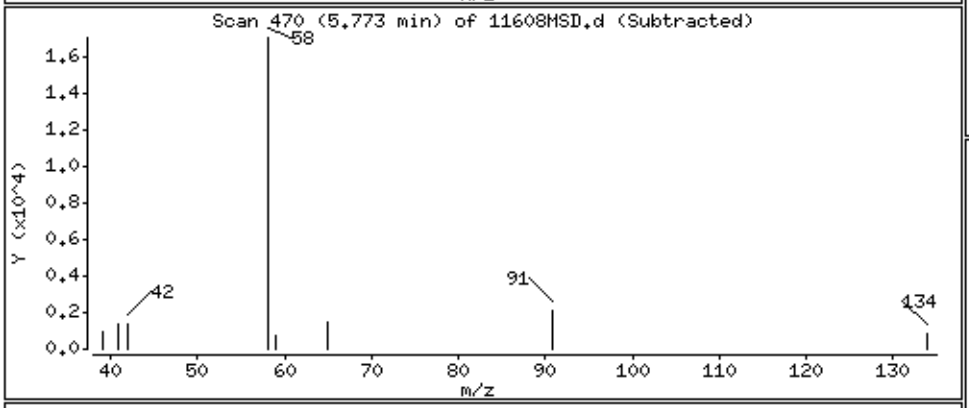
Column phase: HPMS-5

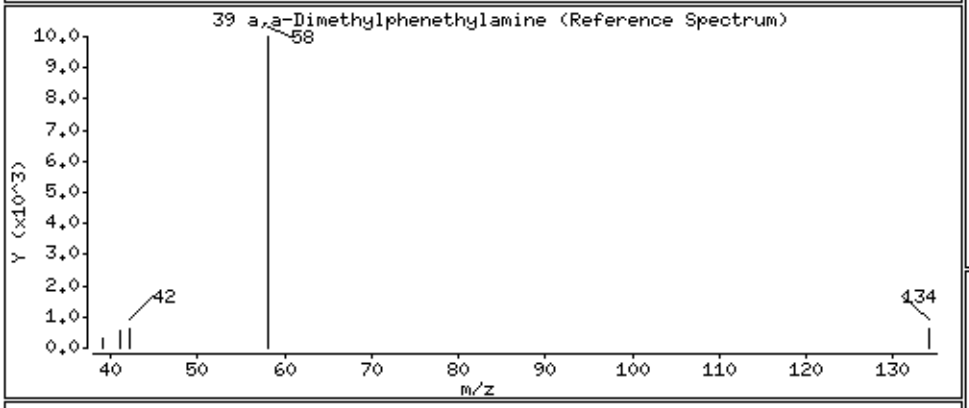
Column diameter: 0.25

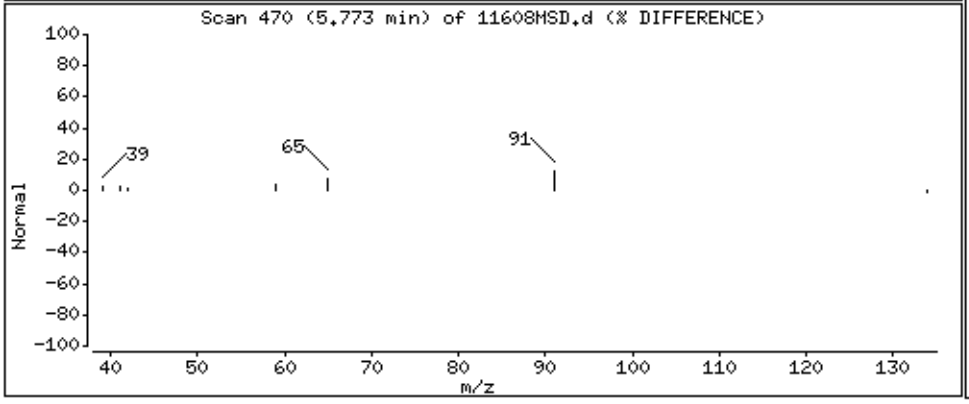
39 a,a-Dimethylphenethylamine

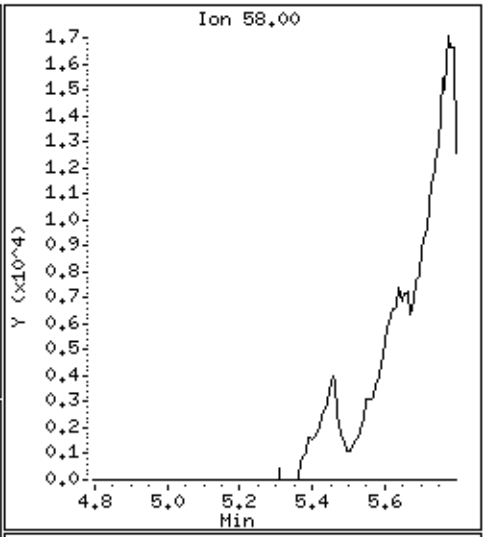
Concentration: 1490 ug/kg

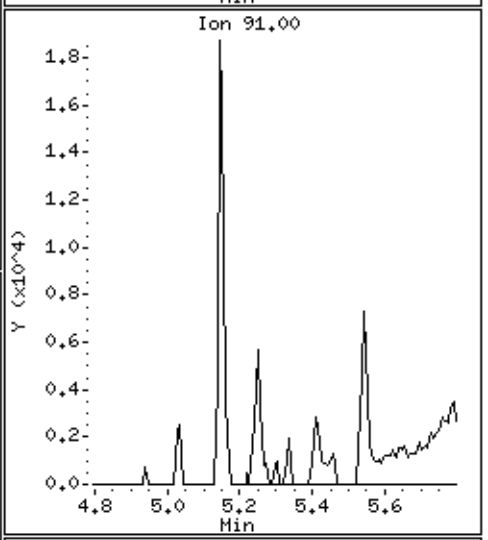


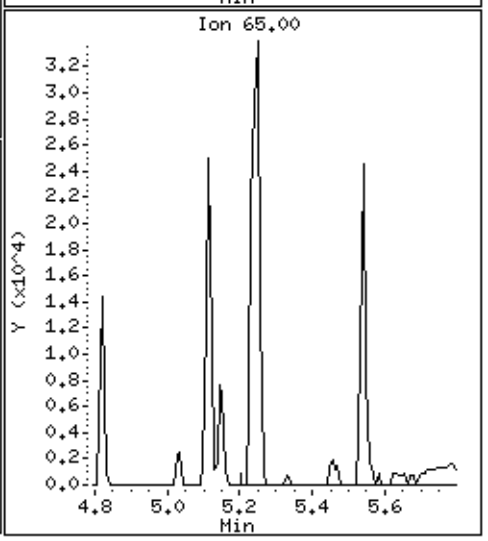












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

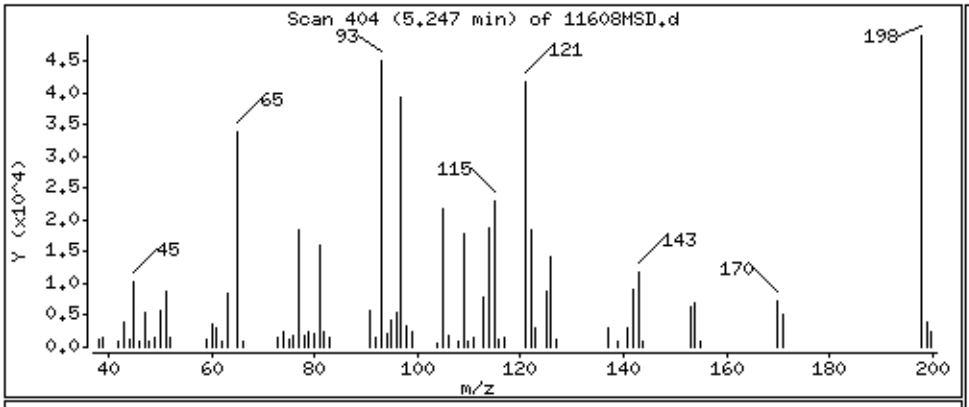
Operator: MJ

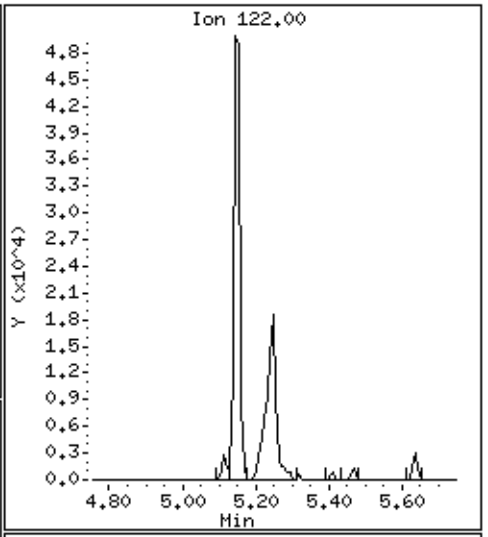
Column phase: HPMS-5

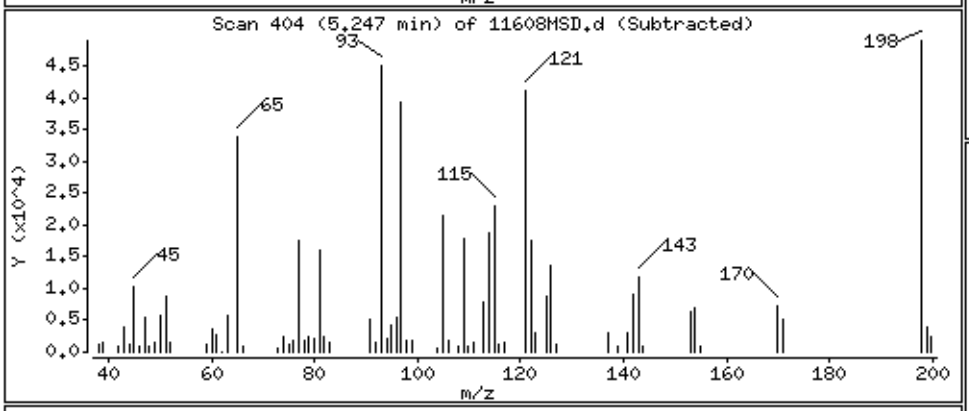
Column diameter: 0.25

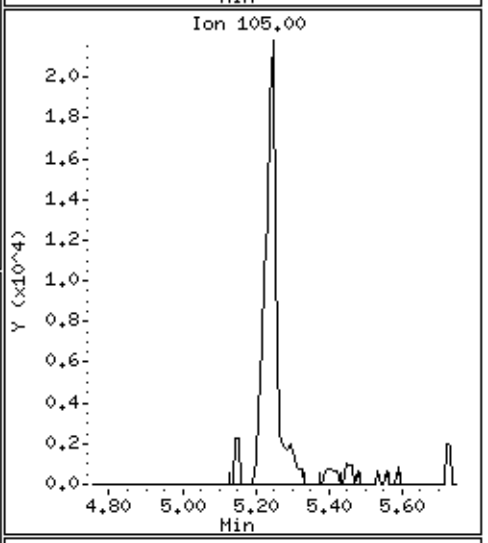
40 Benzoic Acid

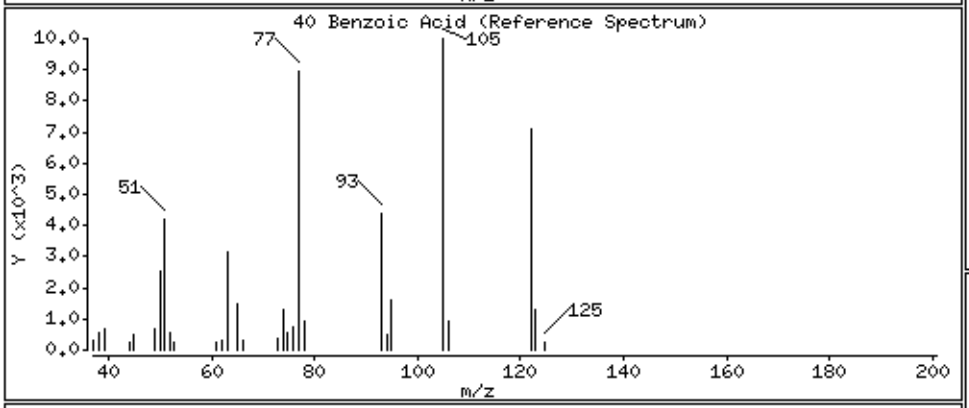
Concentration: 1520 ug/kg

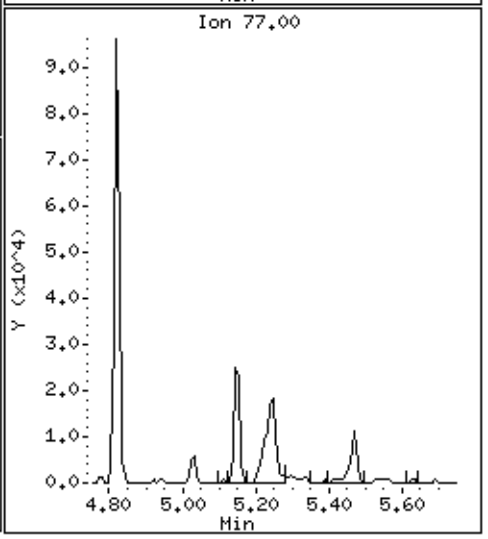


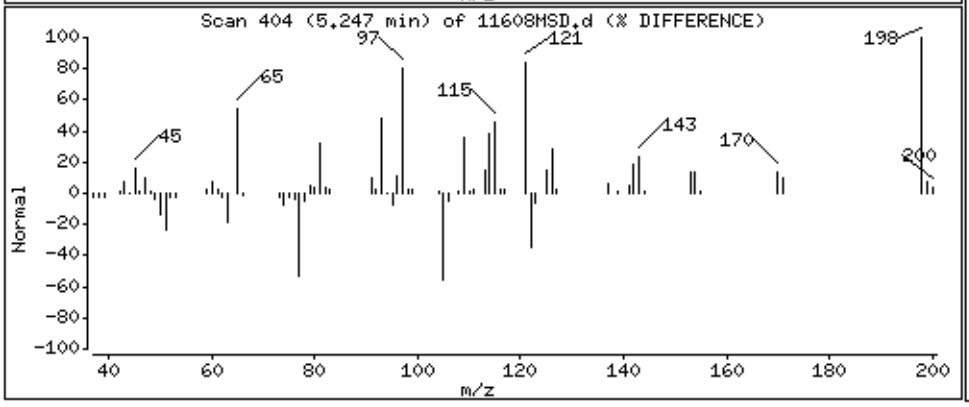












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

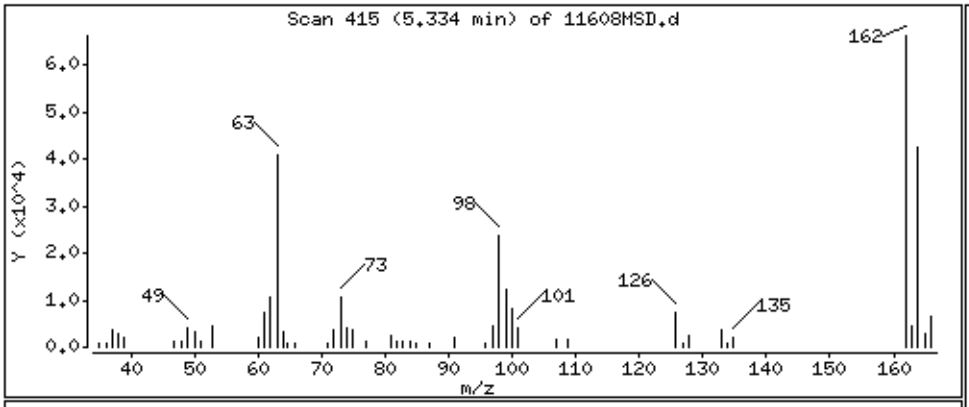
Operator: MJ

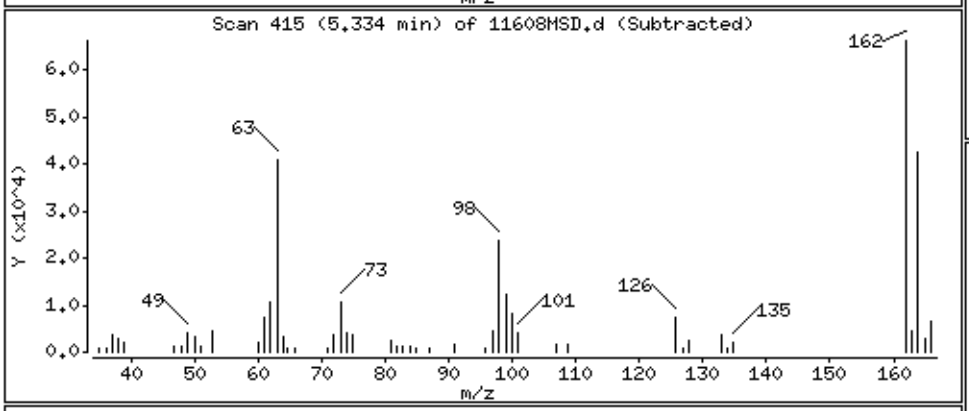
Column phase: HPMS-5

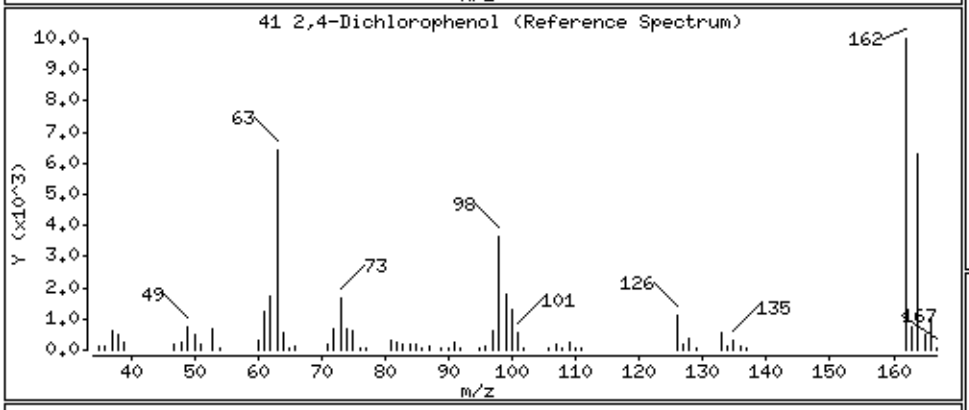
Column diameter: 0.25

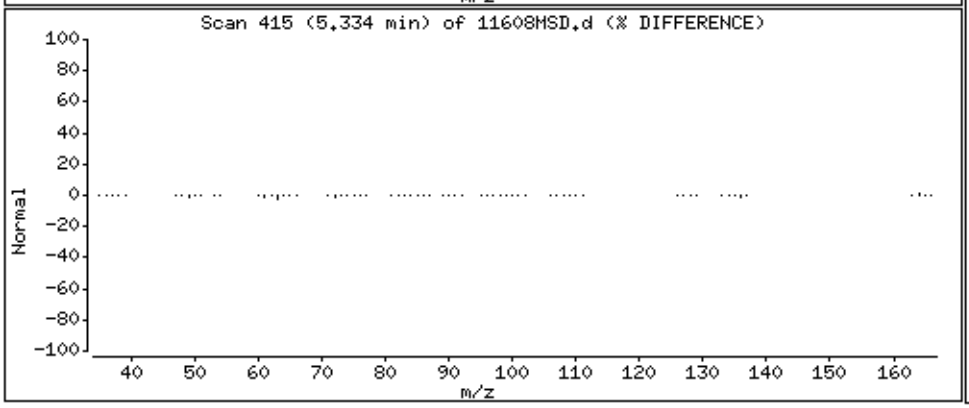
41 2,4-Dichlorophenol

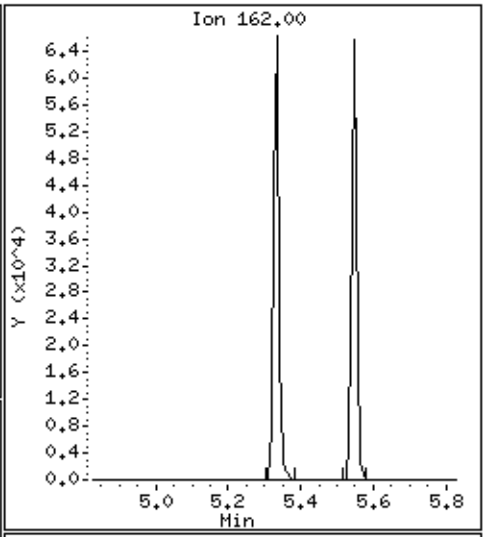
Concentration: 1700 ug/kg

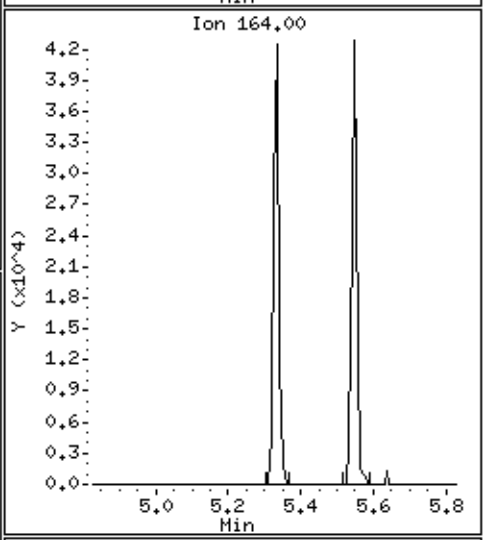


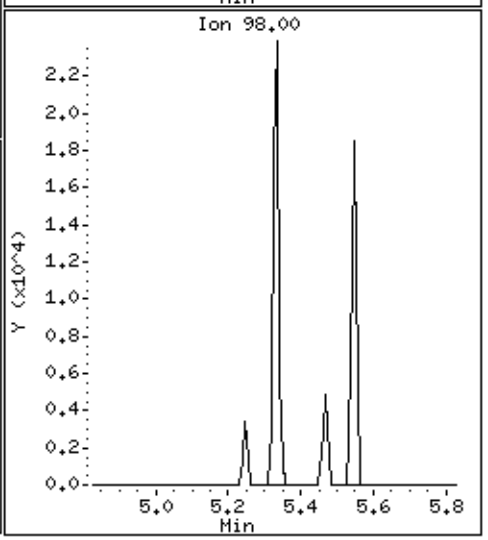












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

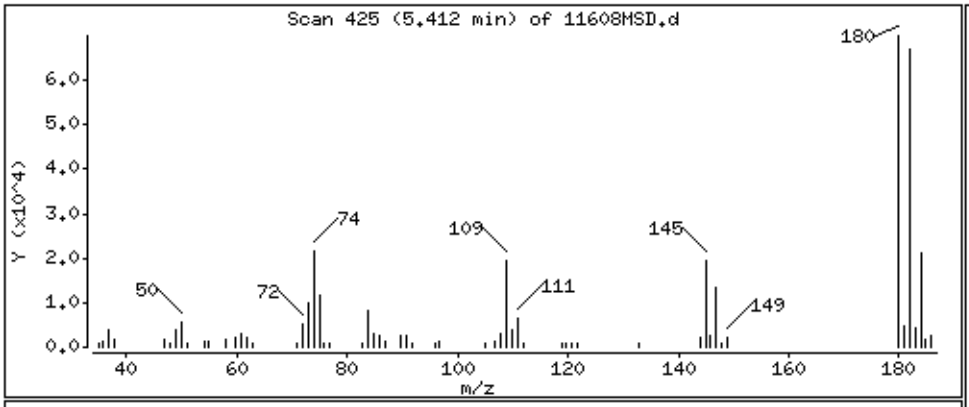
Operator: MJ

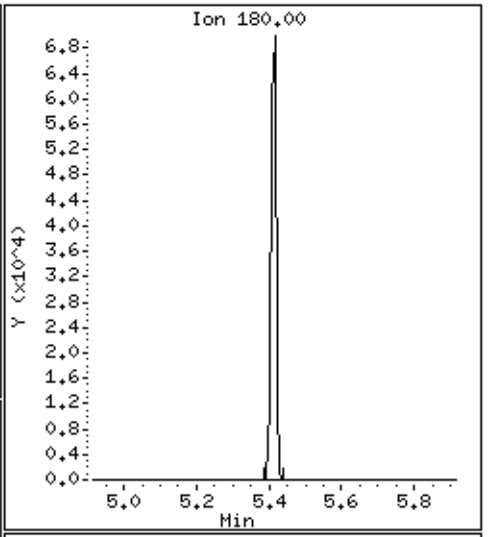
Column phase: HPMS-5

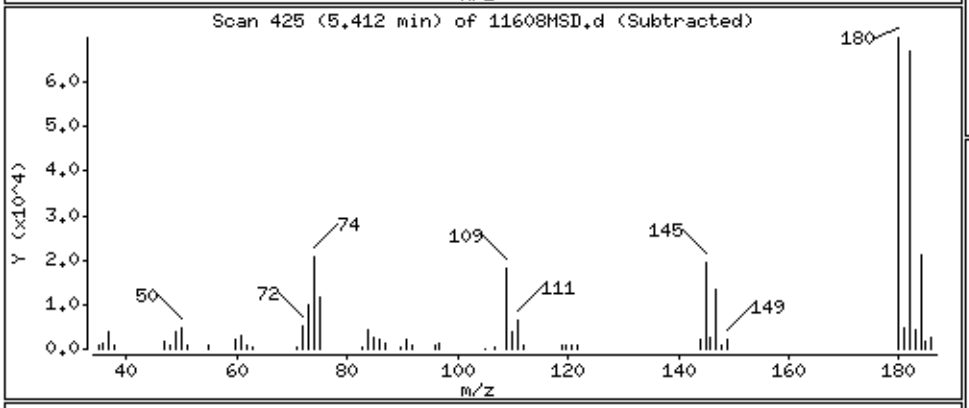
Column diameter: 0.25

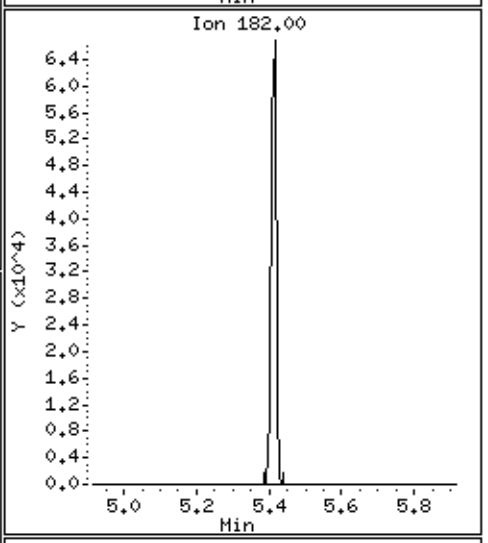
42 1,2,4-Trichlorobenzene

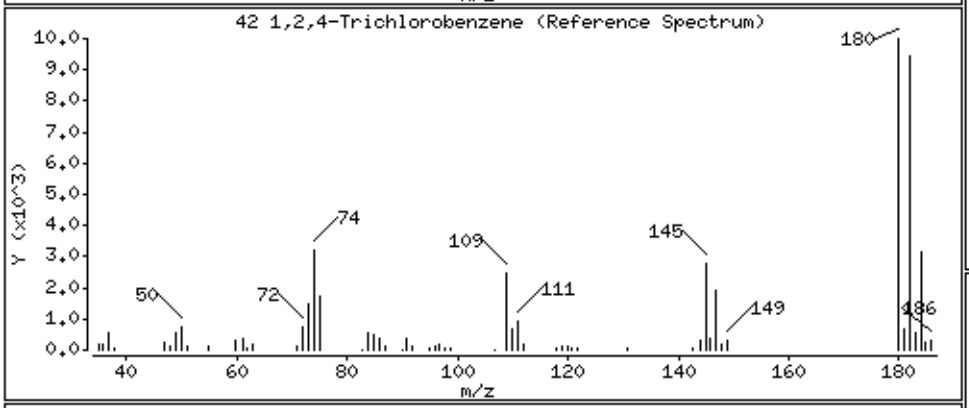
Concentration: 1660 ug/kg

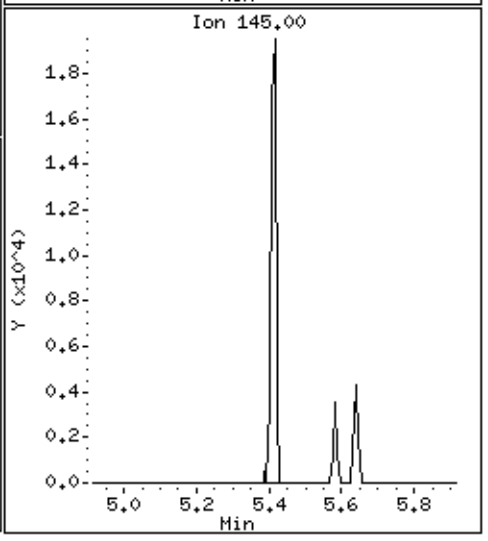


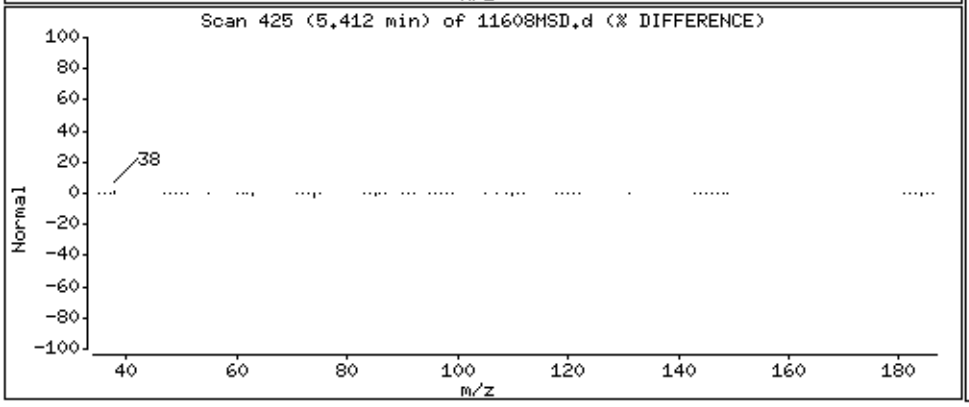












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

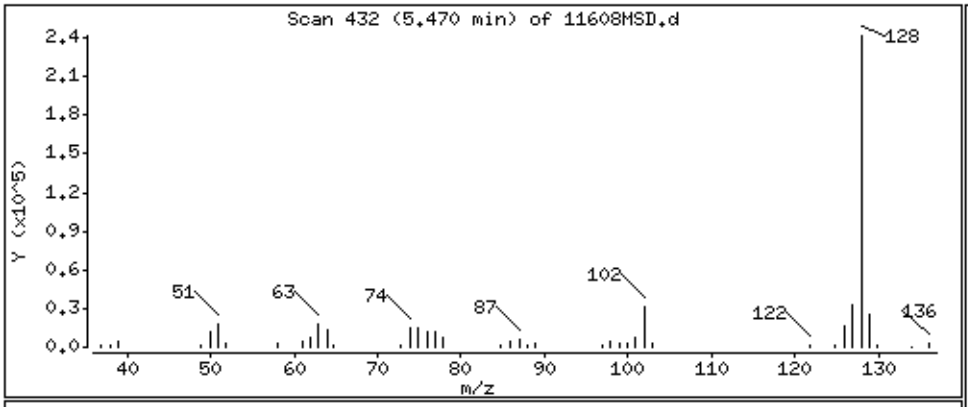
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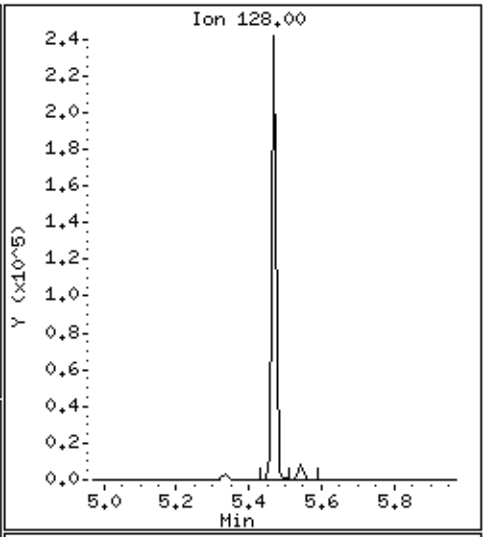
Column phase: HPMS-5

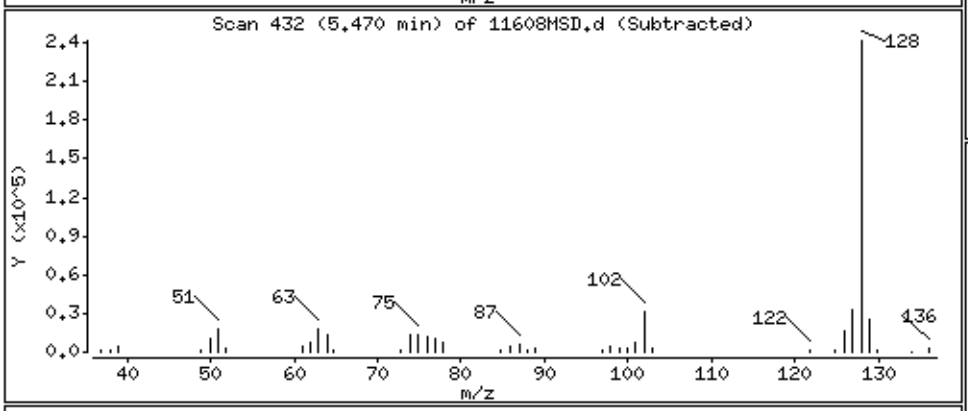
Column diameter: 0.25

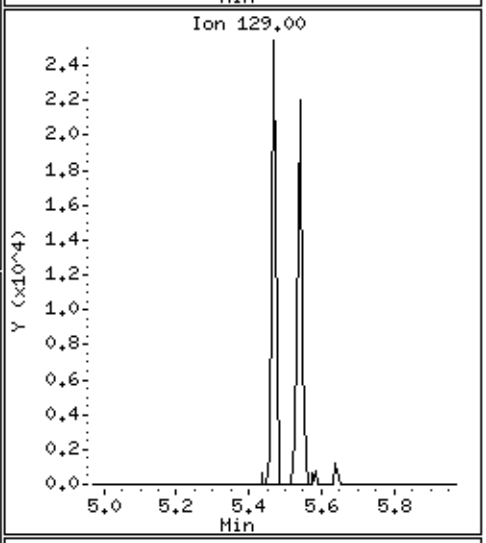
44 Naphthalene

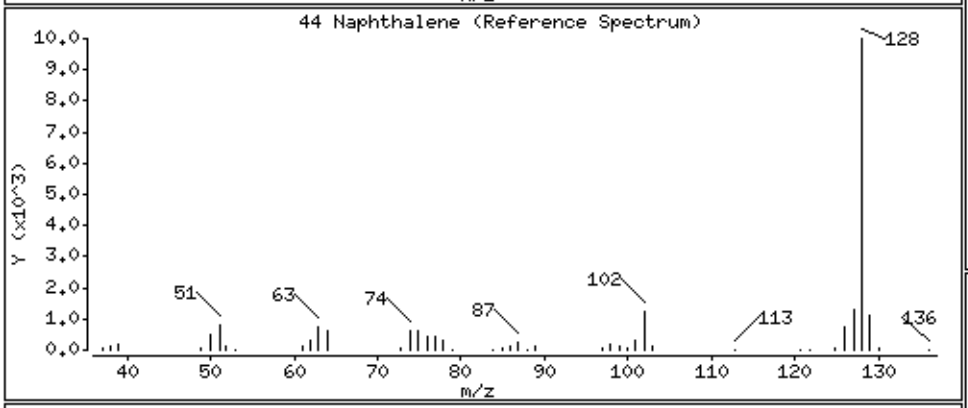
Concentration: 1780 ug/kg

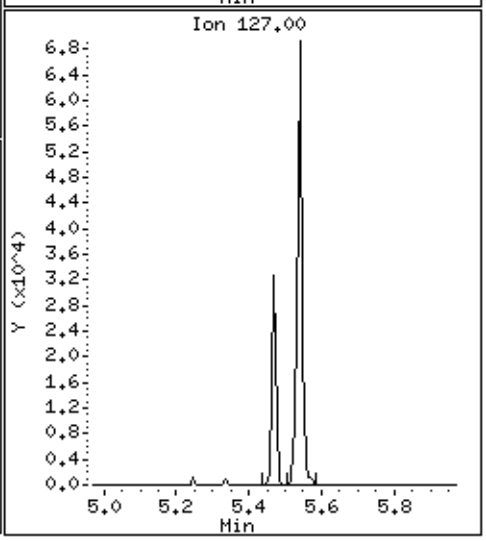


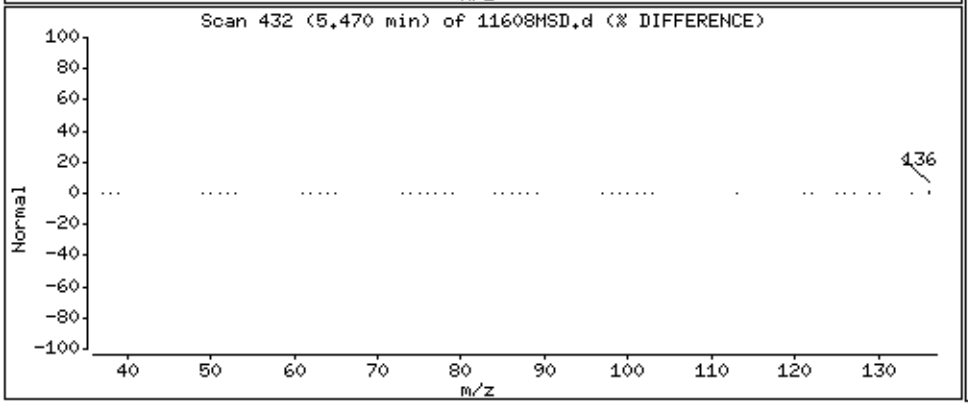












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

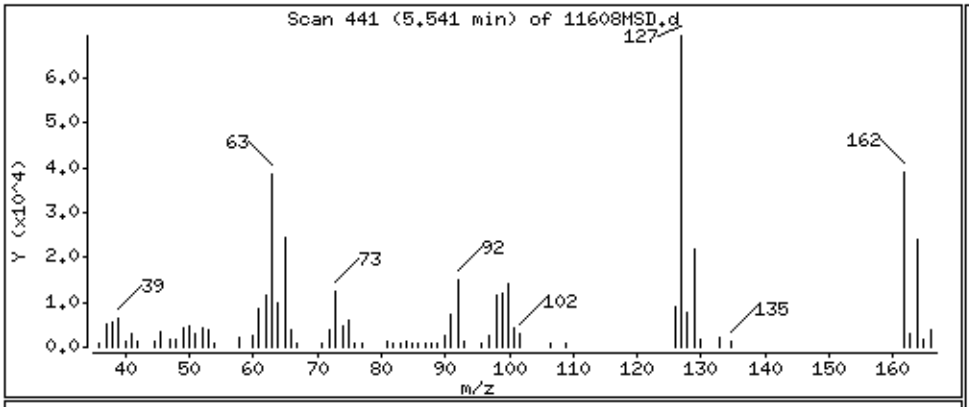
Operator: MJ

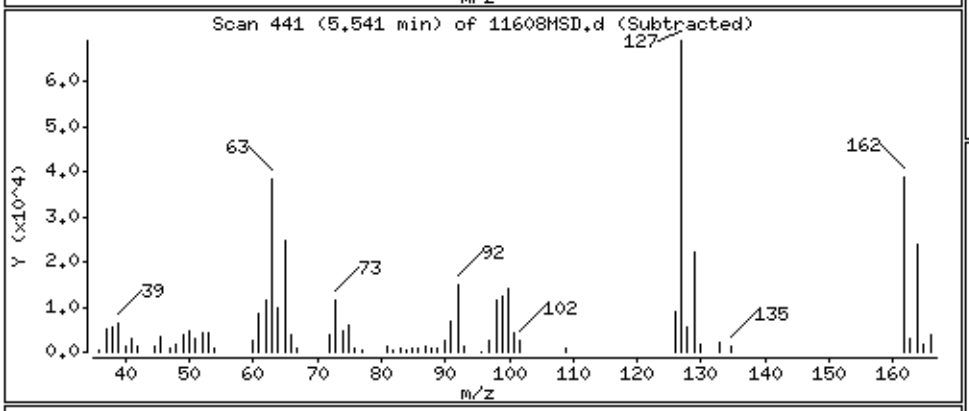
Column phase: HPMS-5

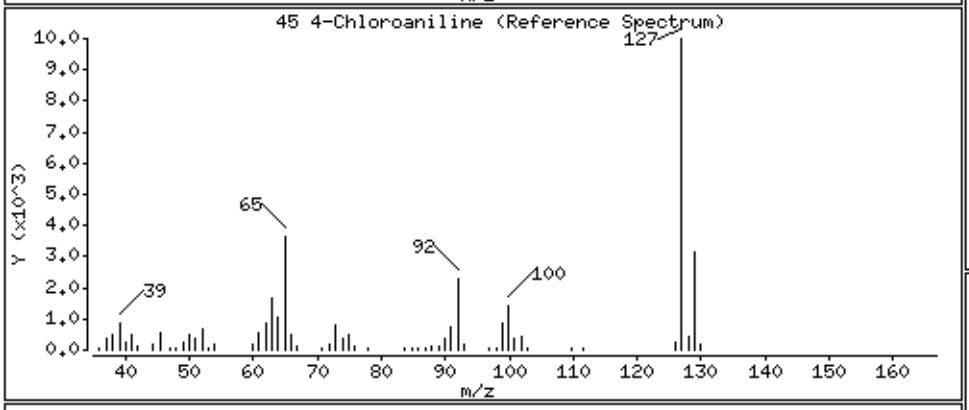
Column diameter: 0.25

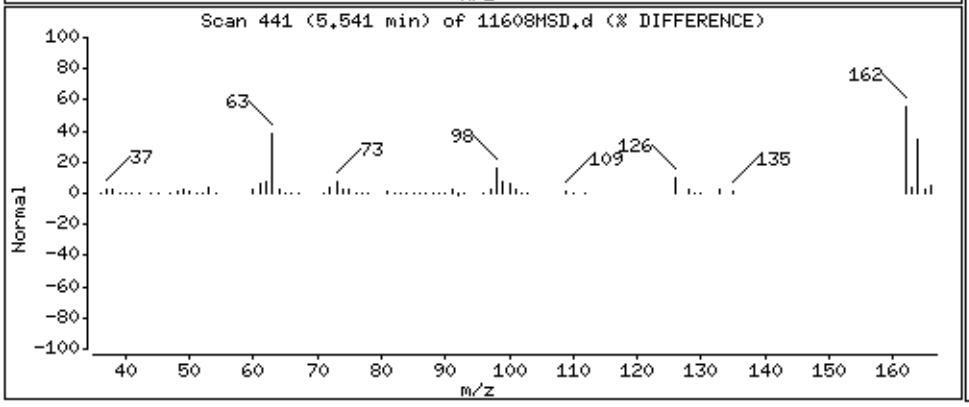
45 4-Chloroaniline

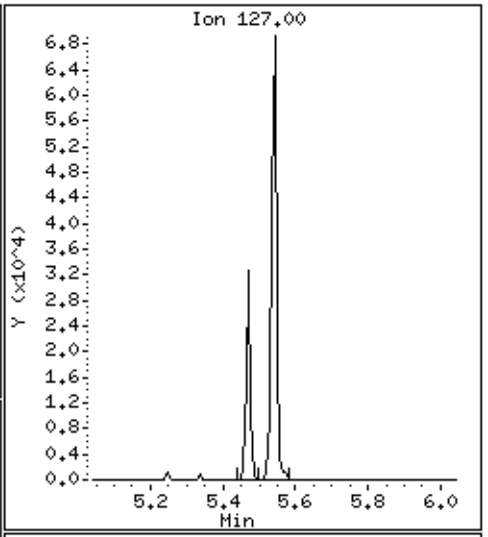
Concentration: 1440 ug/kg

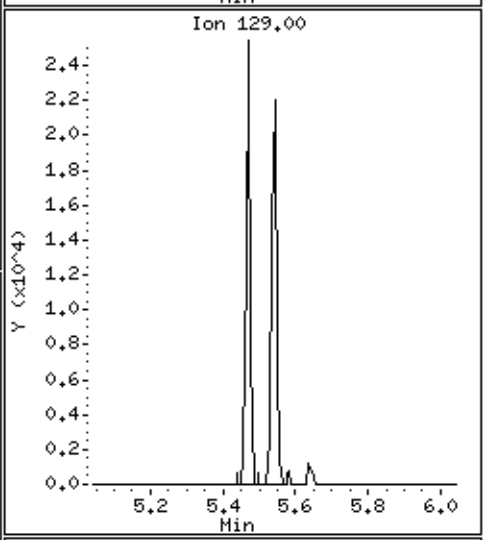


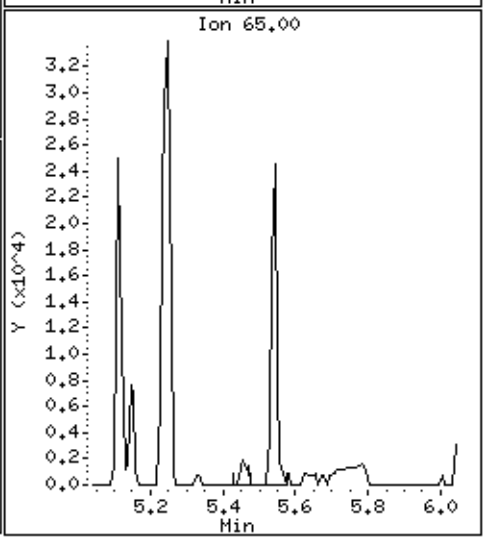












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

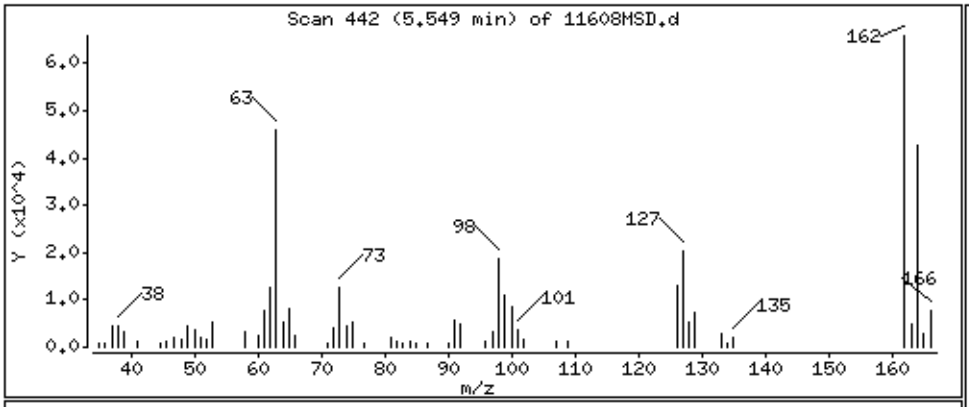
Operator: MJ

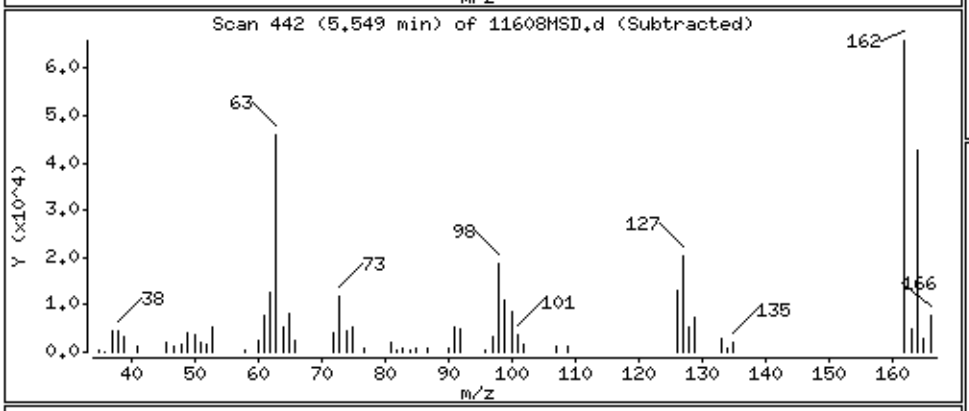
Column phase: HPMS-5

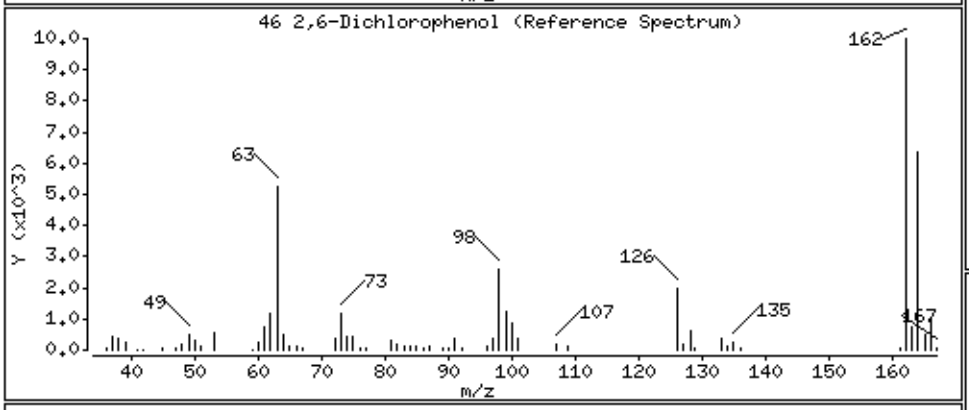
Column diameter: 0.25

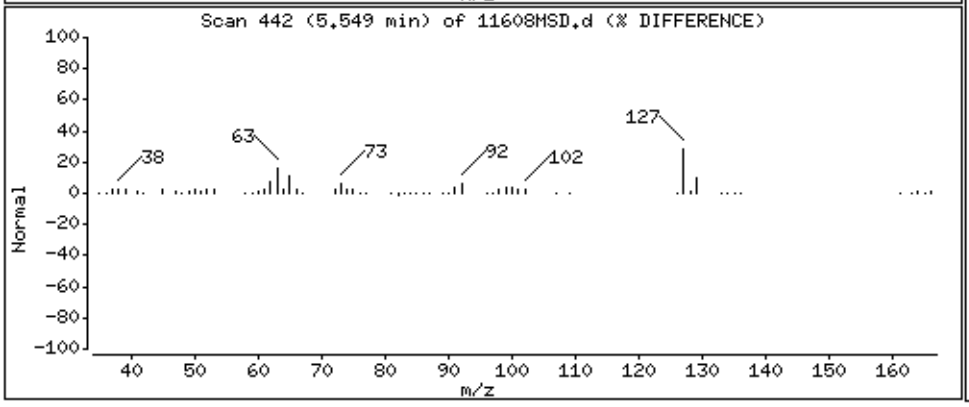
46 2,6-Dichlorophenol

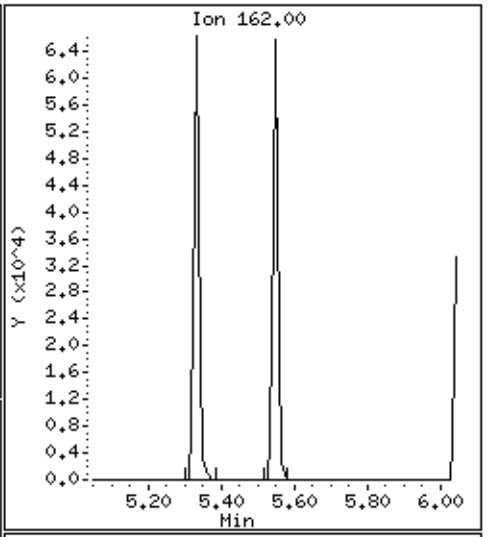
Concentration: 1700 ug/kg

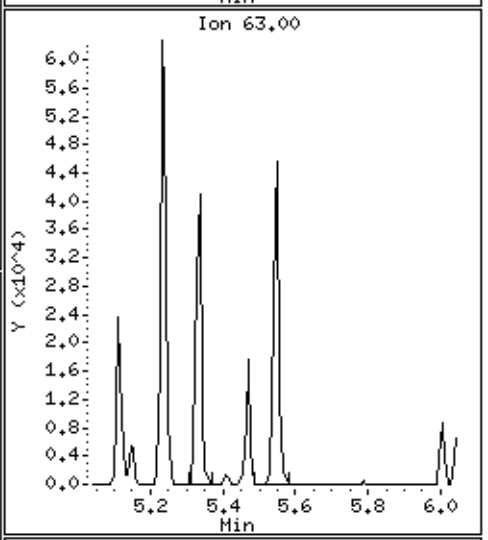


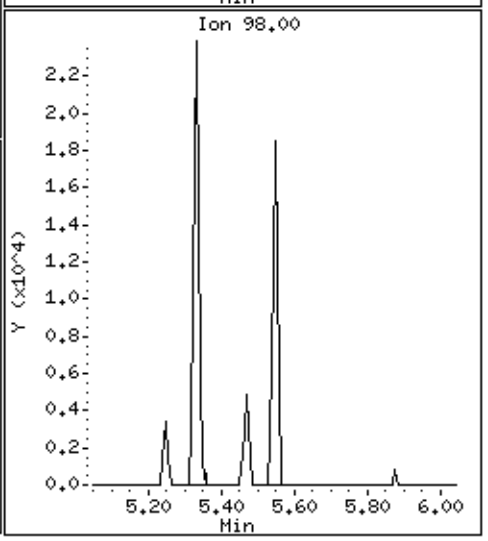












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

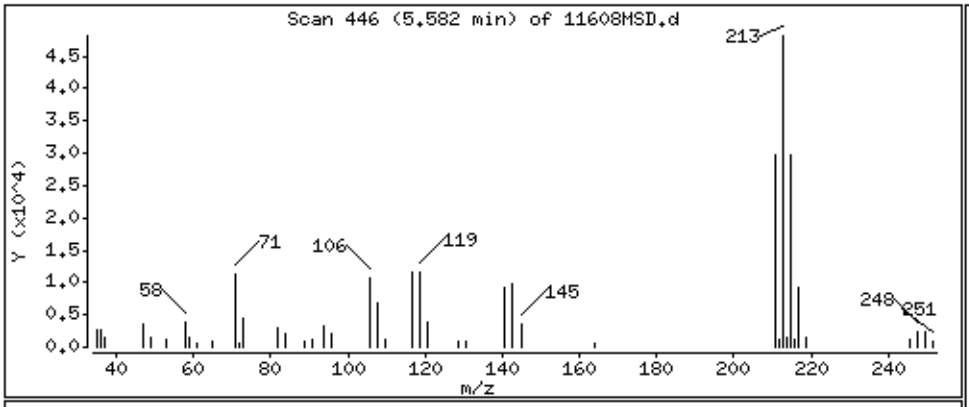
Operator: MJ

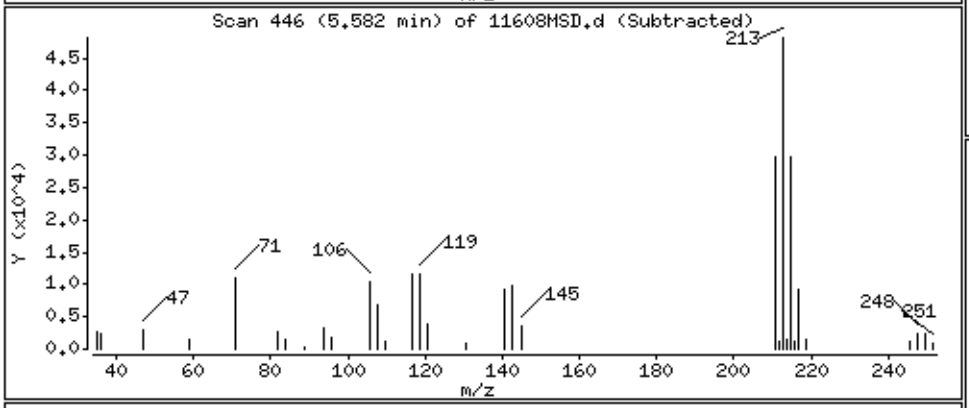
Column phase: HPMS-5

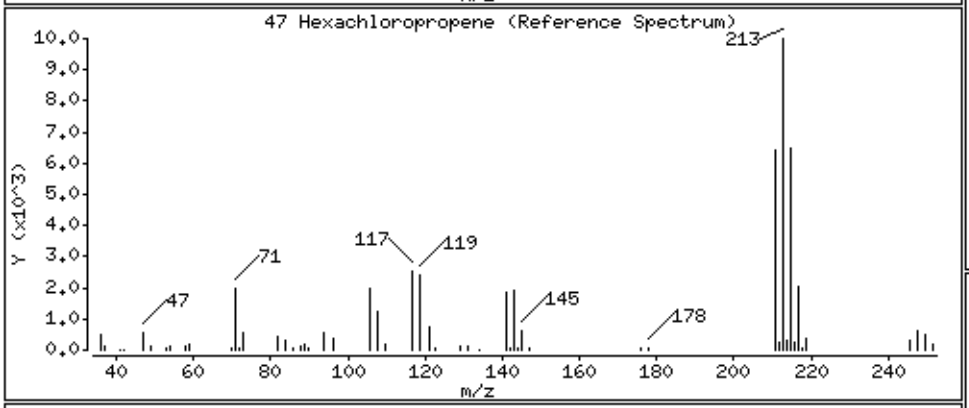
Column diameter: 0.25

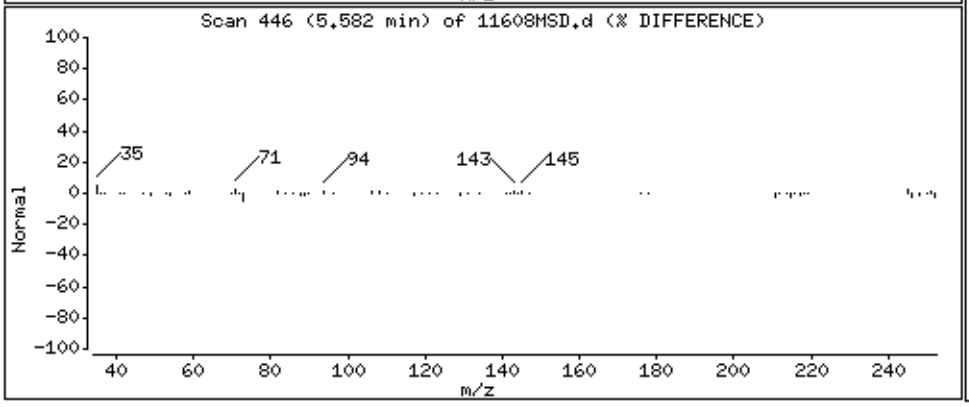
47 Hexachloropropene

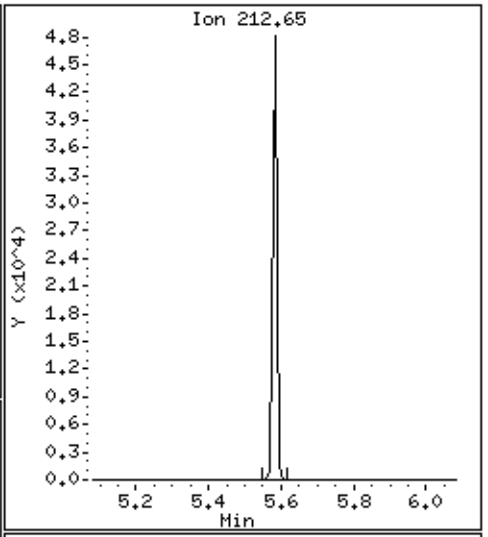
Concentration: 1180 ug/kg

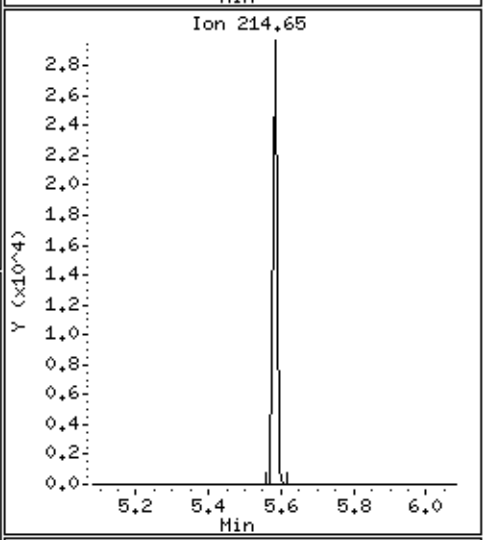


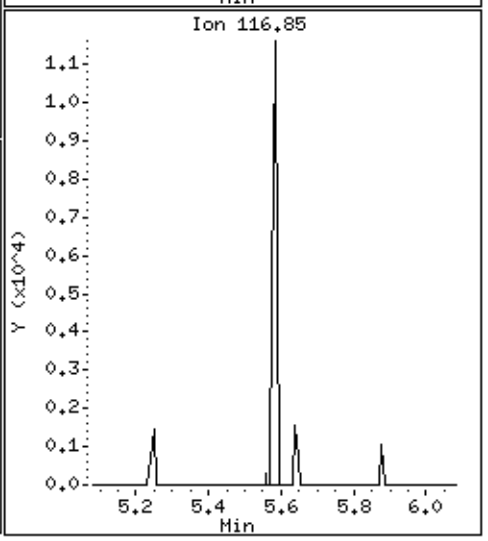












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

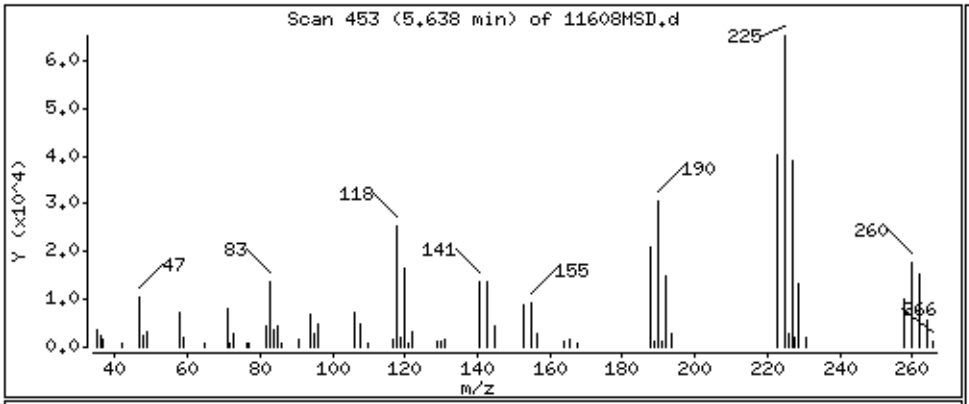
Operator: MJ

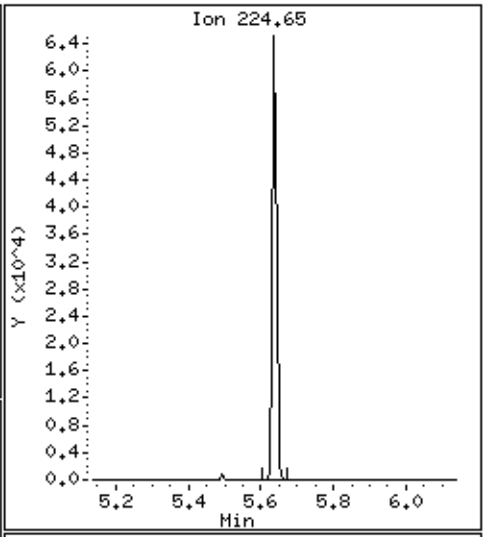
Column phase: HPMS-5

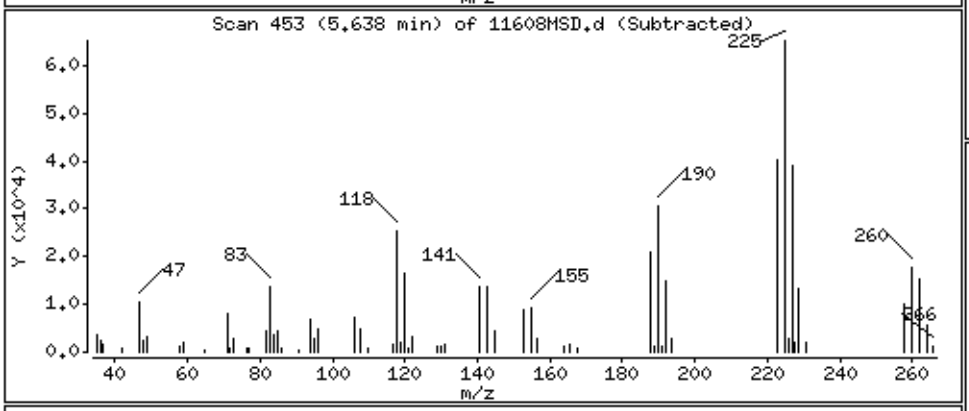
Column diameter: 0.25

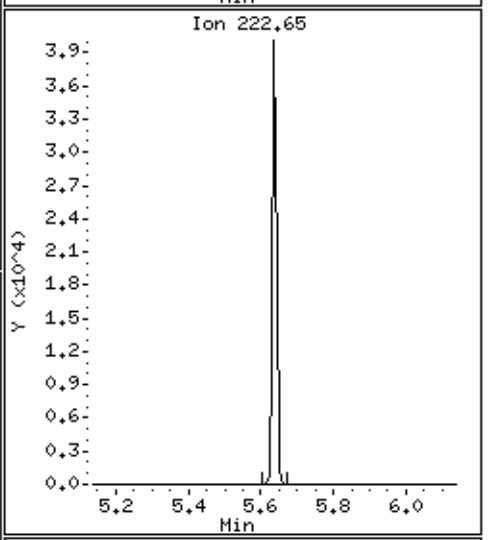
48 Hexachlorobutadiene

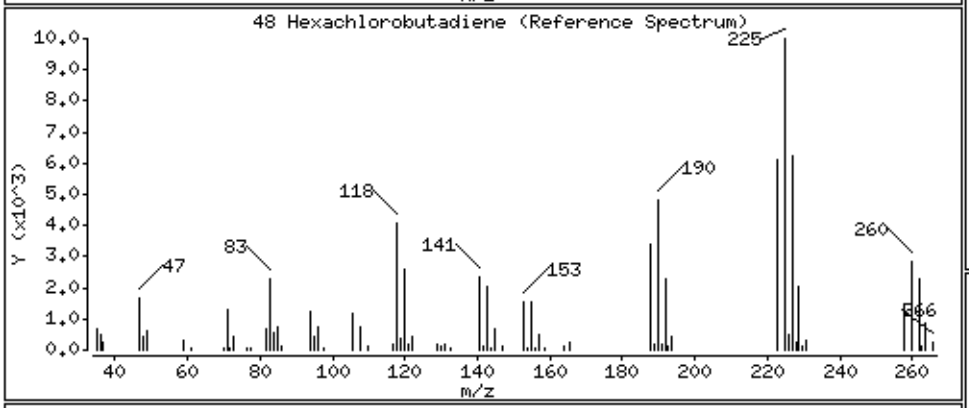
Concentration: 1800 ug/kg

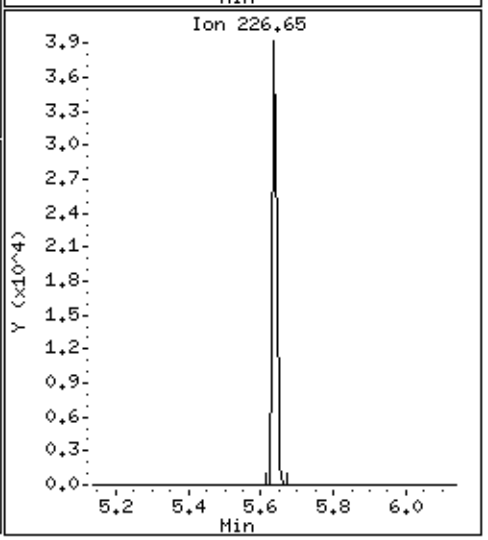


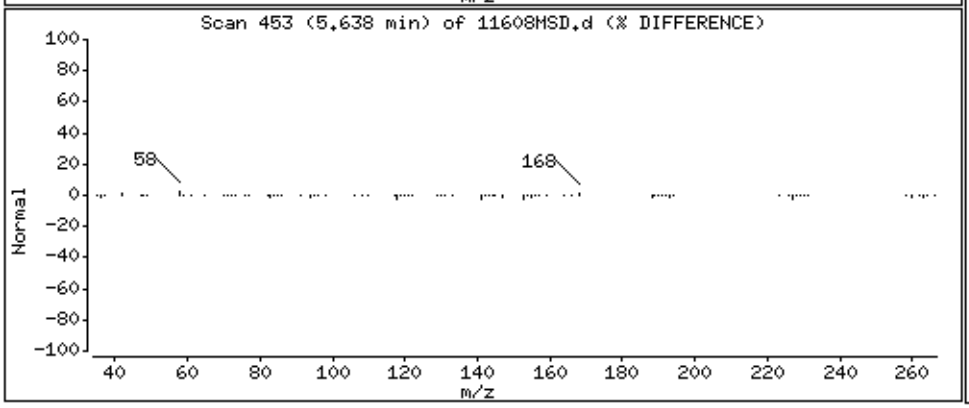












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

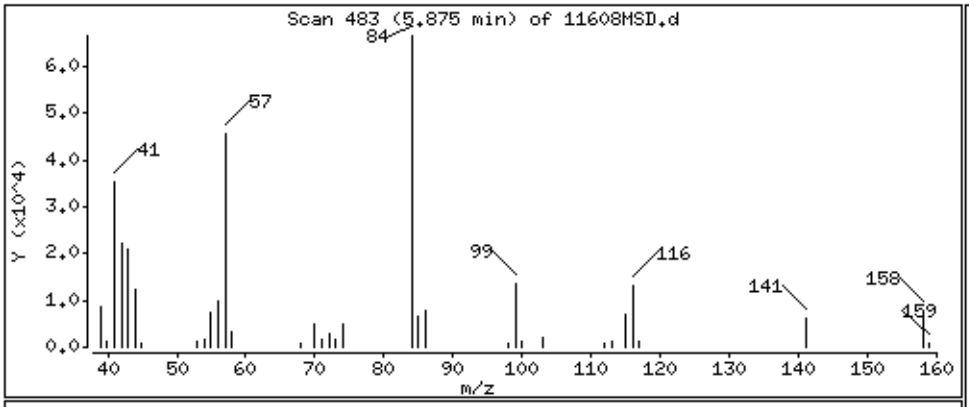
Operator: MJ

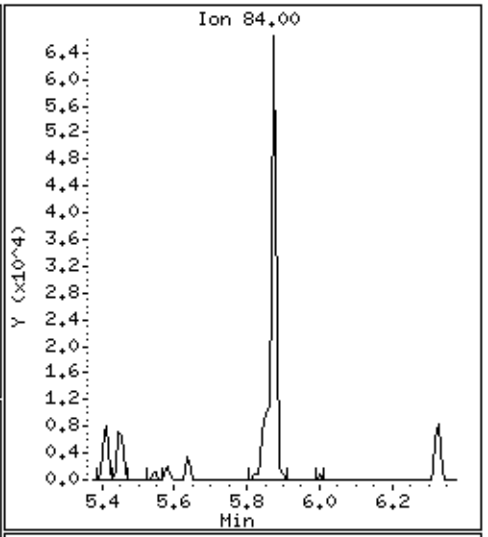
Column phase: HPMS-5

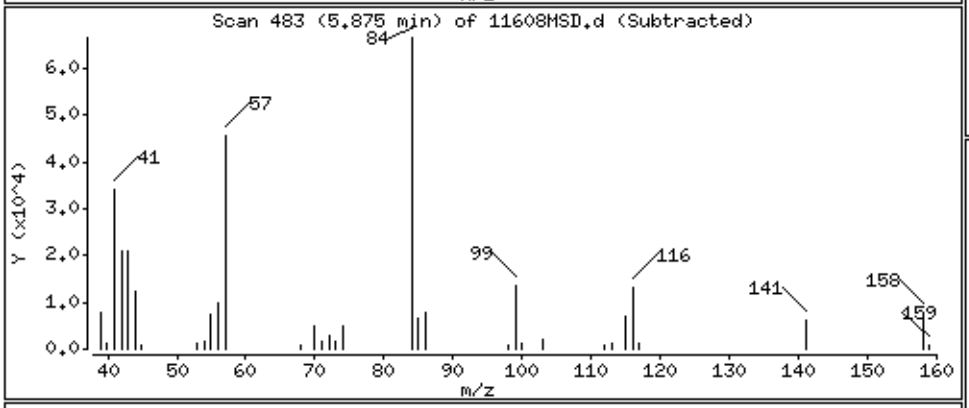
Column diameter: 0.25

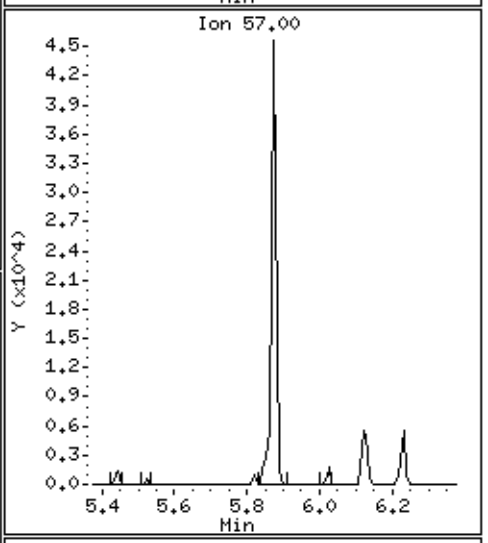
49 N-Nitrosodi-n-butylamine

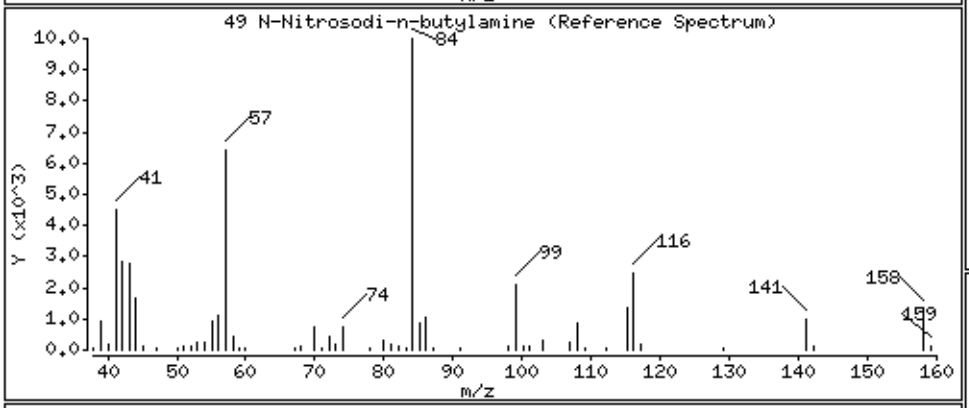
Concentration: 2000 ug/kg

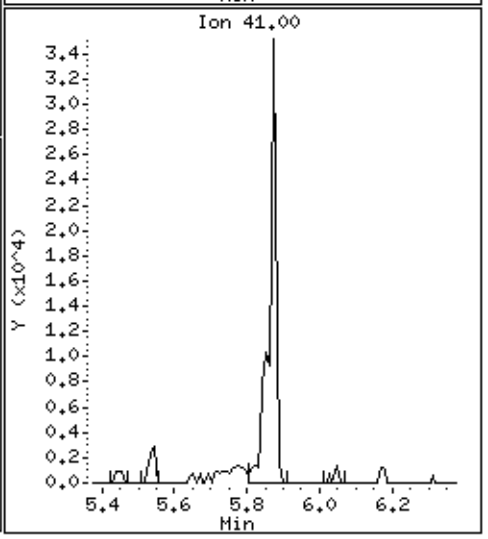


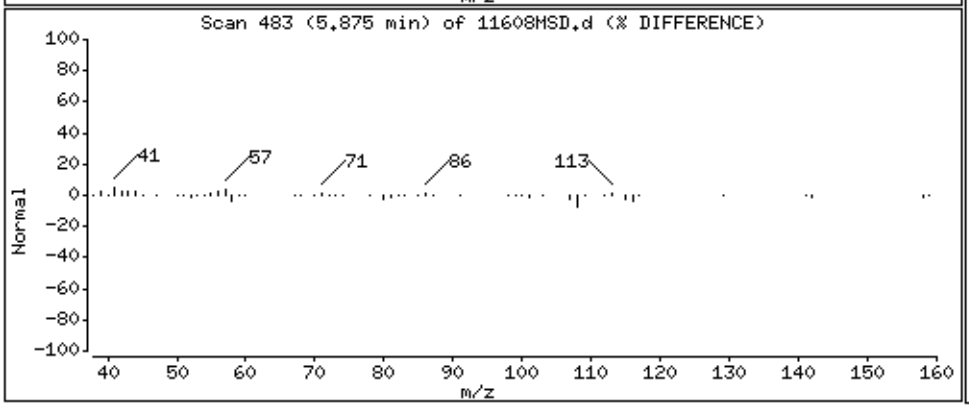












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

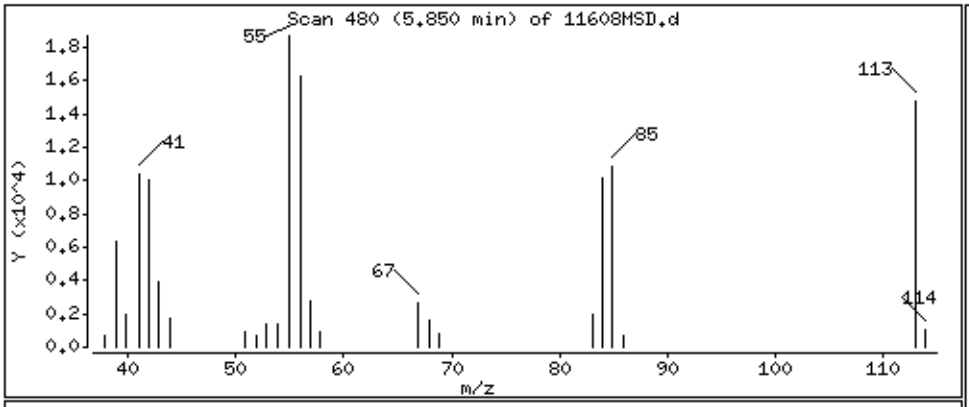
Operator: MJ

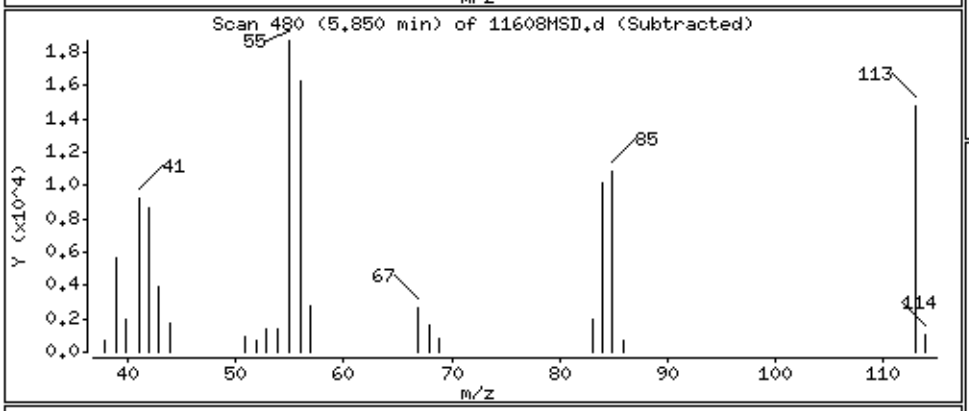
Column phase: HPMS-5

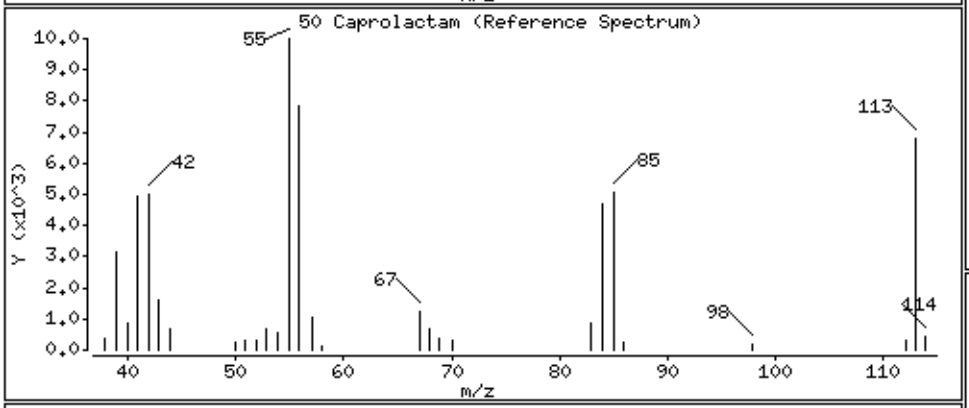
Column diameter: 0.25

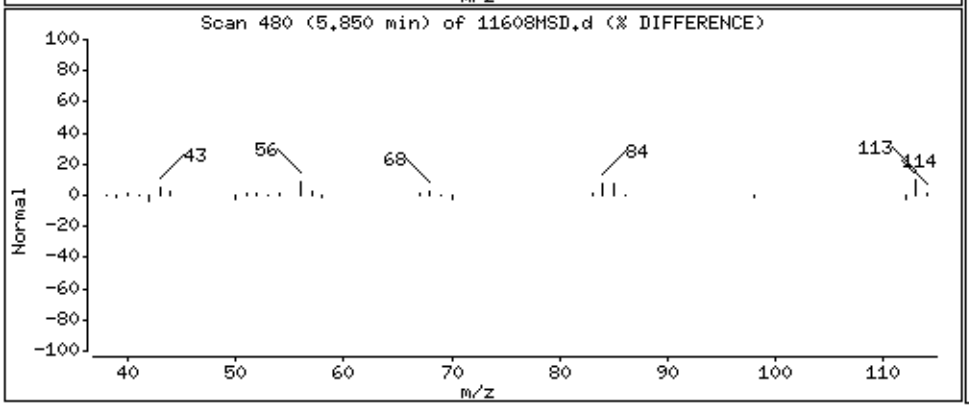
50 Caprolactam

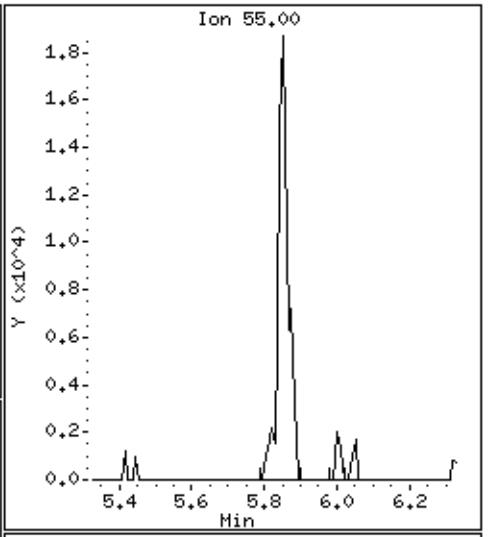
Concentration: 1860 ug/kg

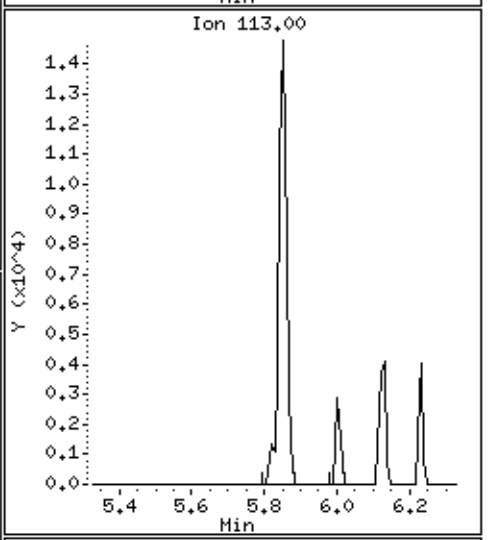


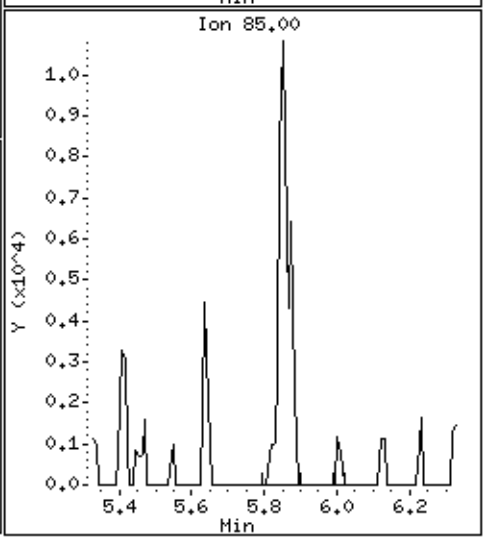












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

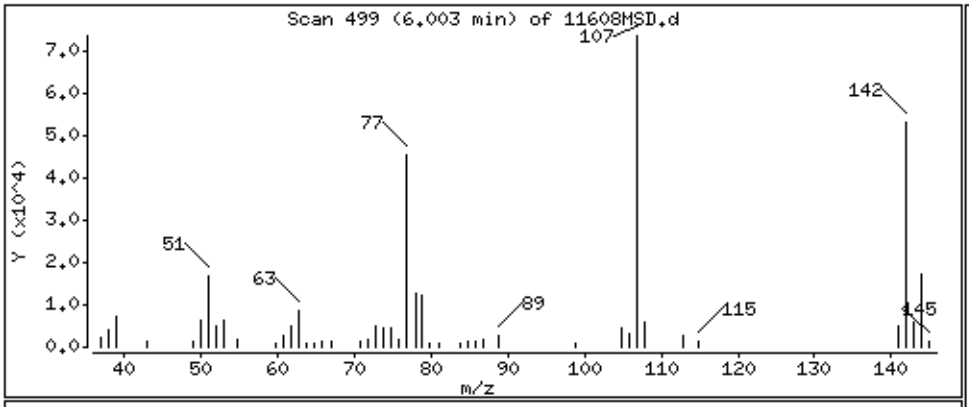
Operator: MJ

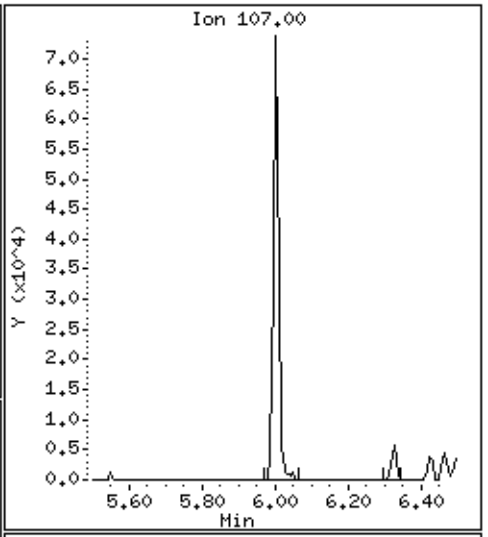
Column phase: HPMS-5

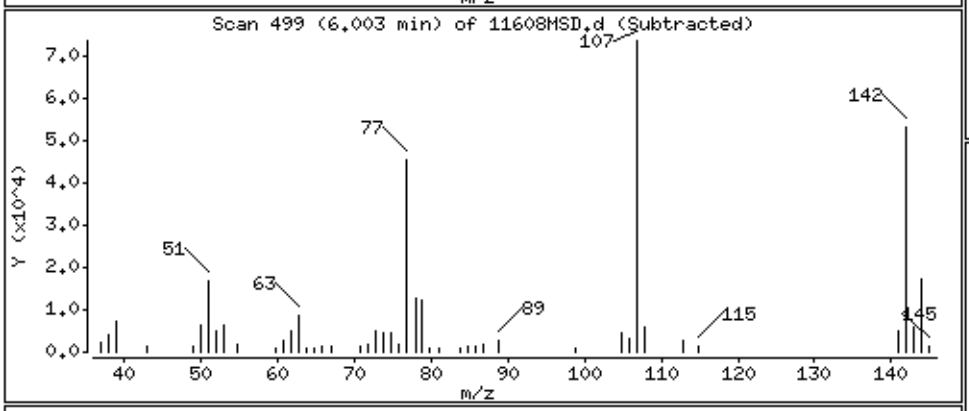
Column diameter: 0.25

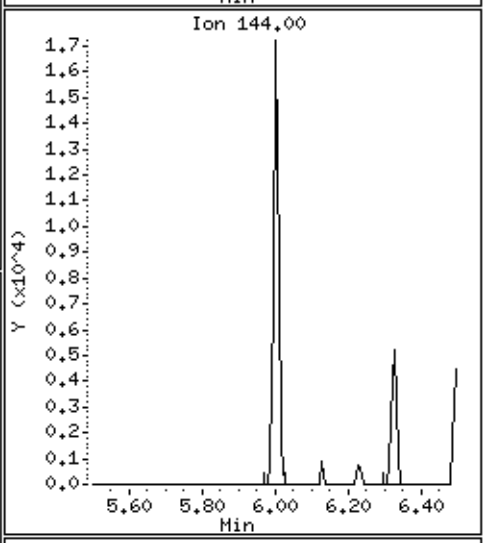
51 4-Chloro-3-methylphenol

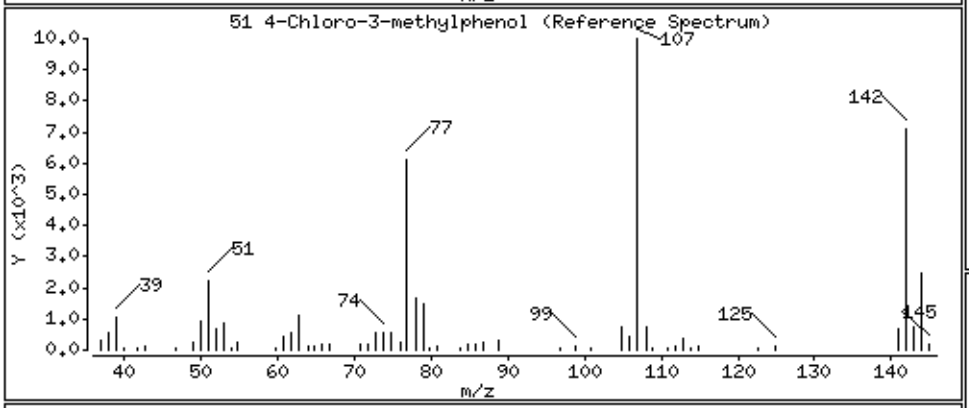
Concentration: 1730 ug/kg

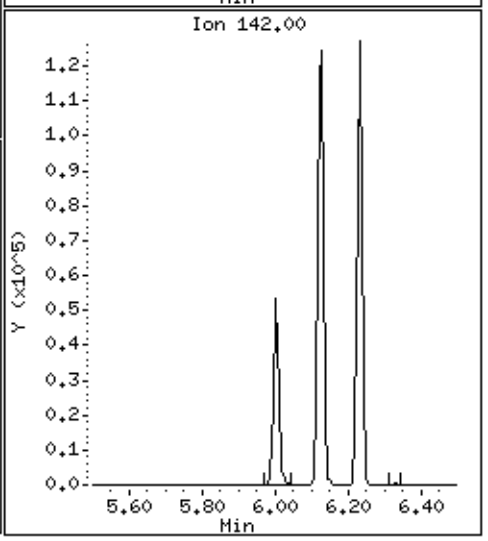


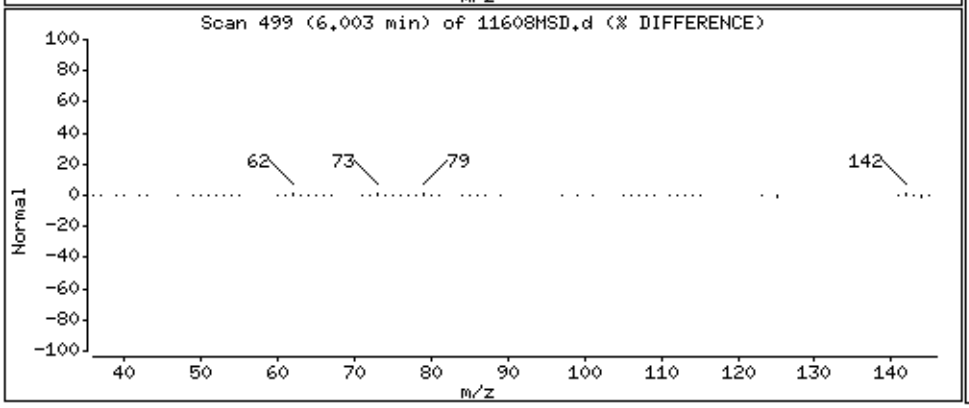












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

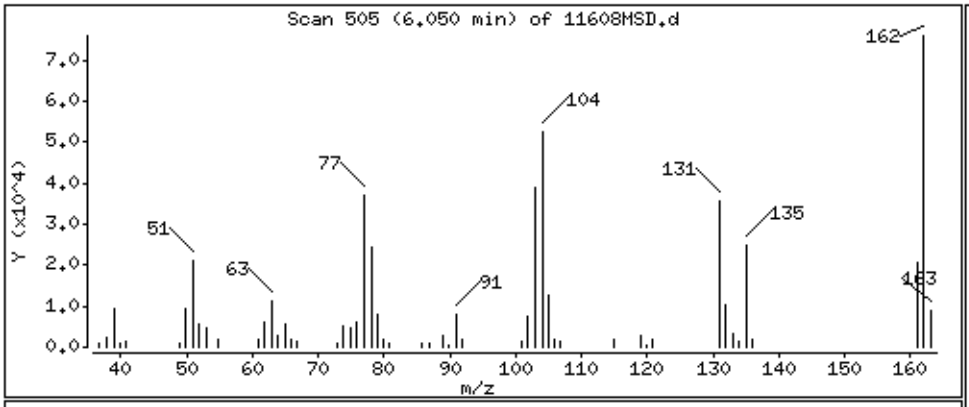
Operator: MJ

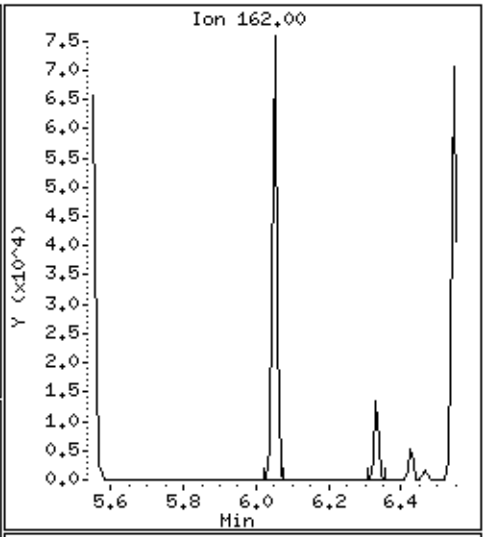
Column phase: HPMS-5

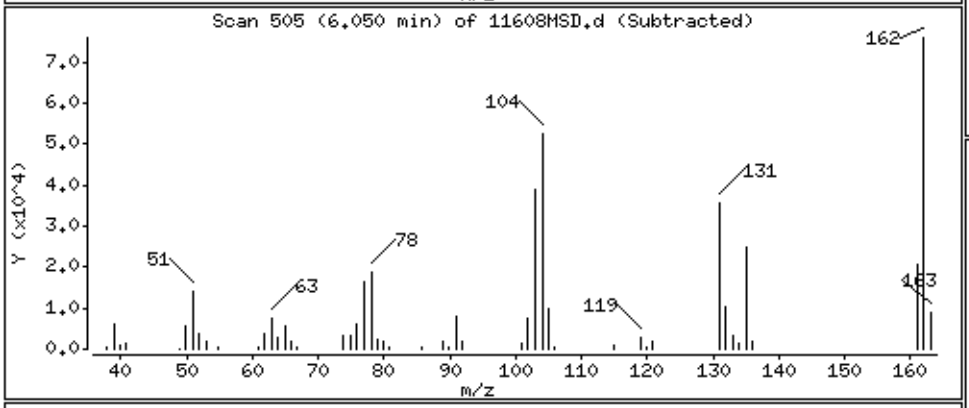
Column diameter: 0.25

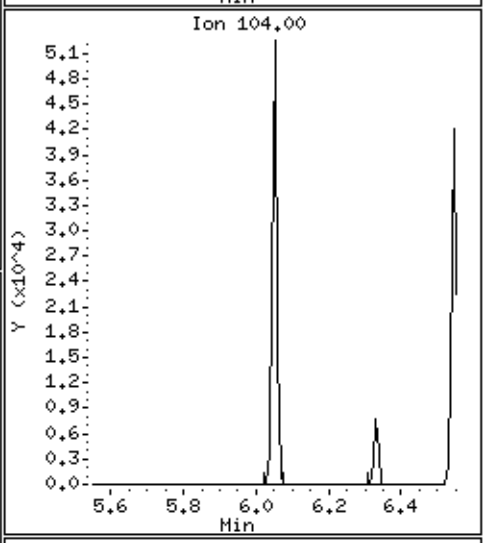
52 Isosafrole

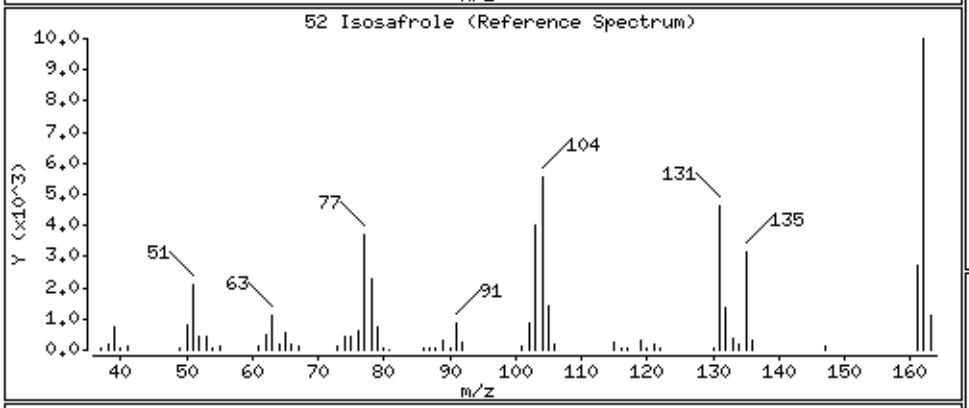
Concentration: 1960 ug/kg

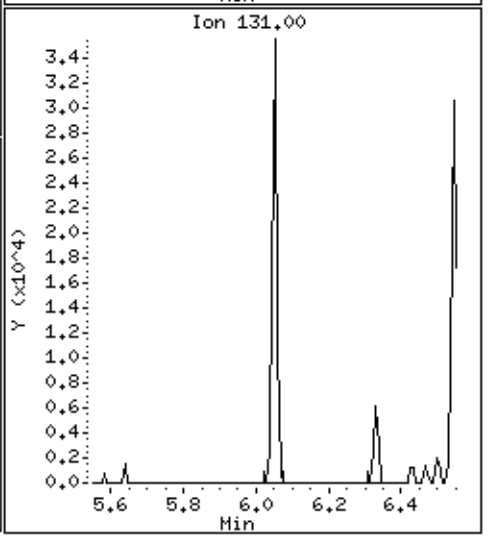


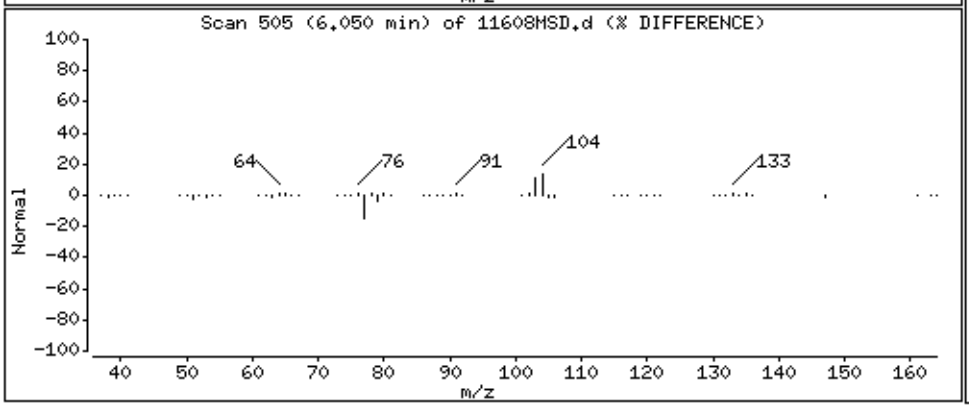












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

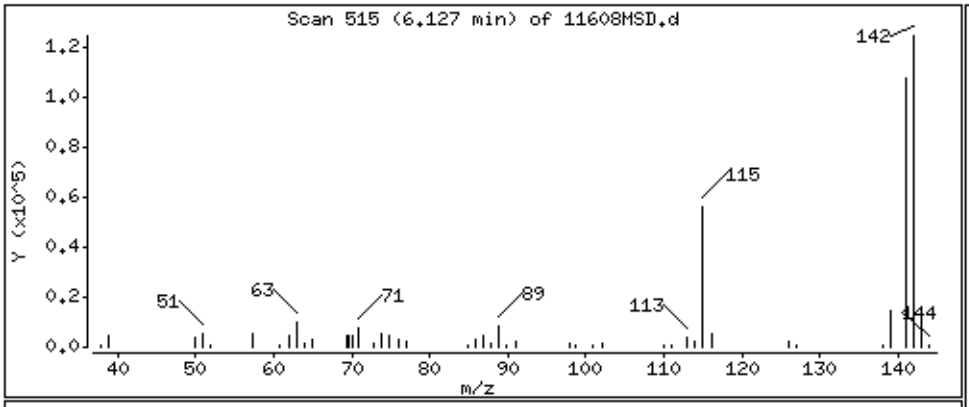
Operator: MJ

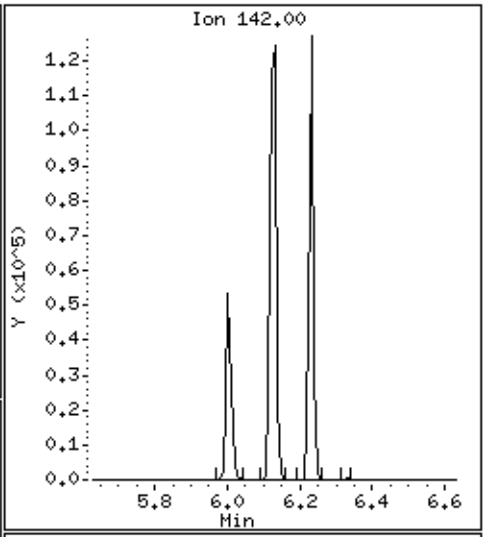
Column phase: HPMS-5

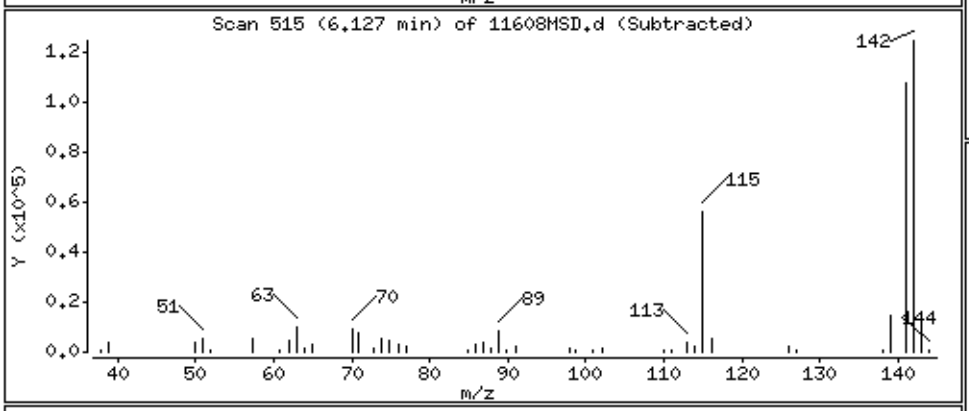
Column diameter: 0.25

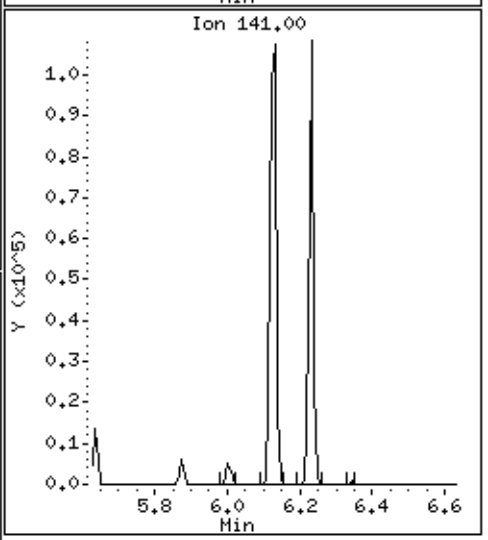
53 2-Methylnaphthalene

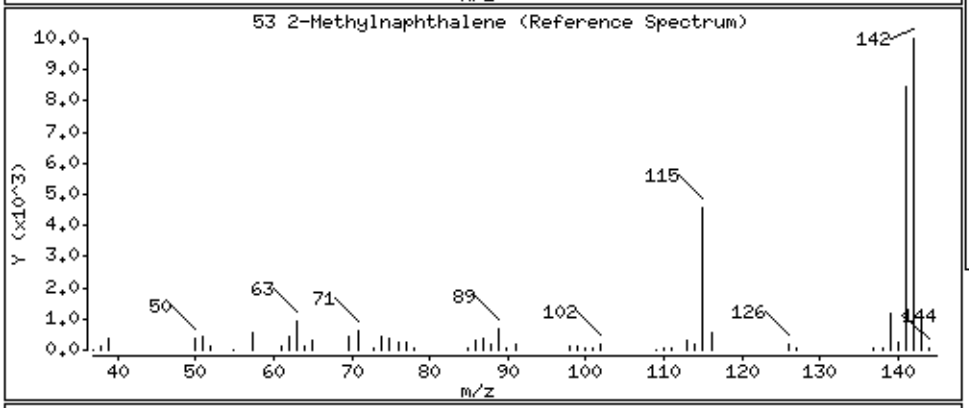
Concentration: 1700 ug/kg

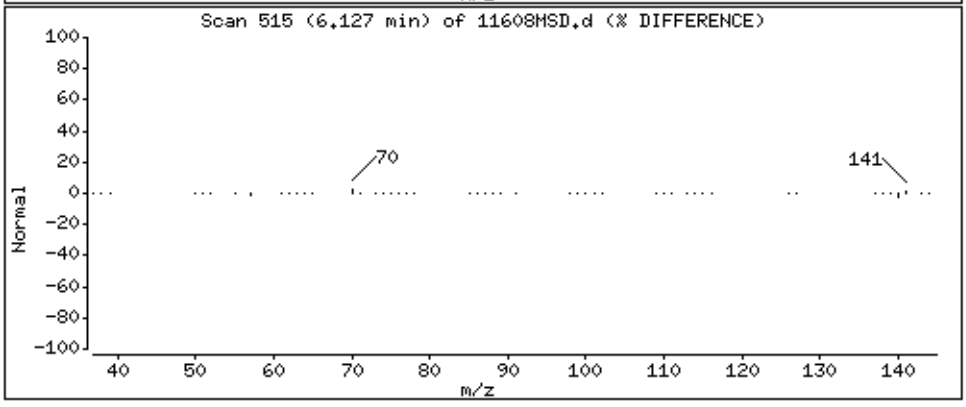












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

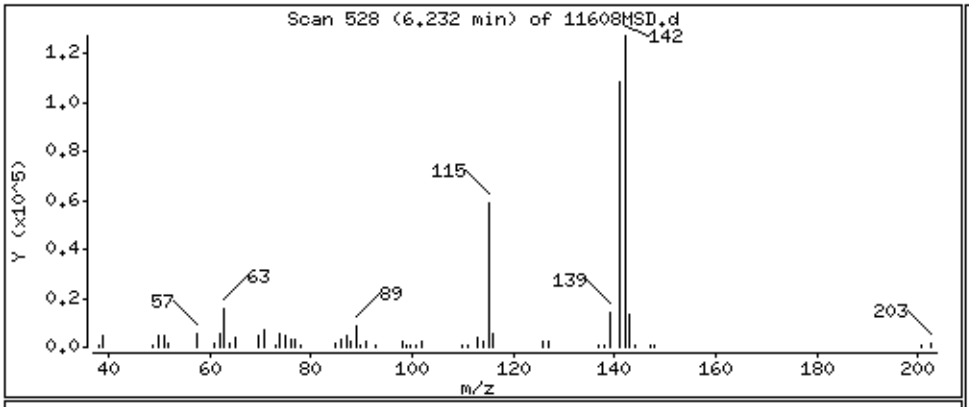
Operator: MJ

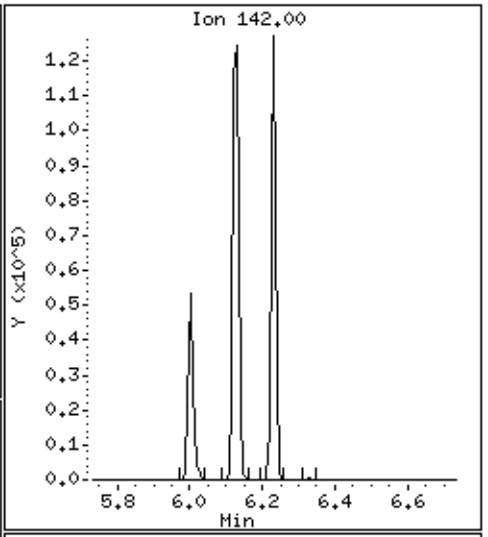
Column phase: HPMS-5

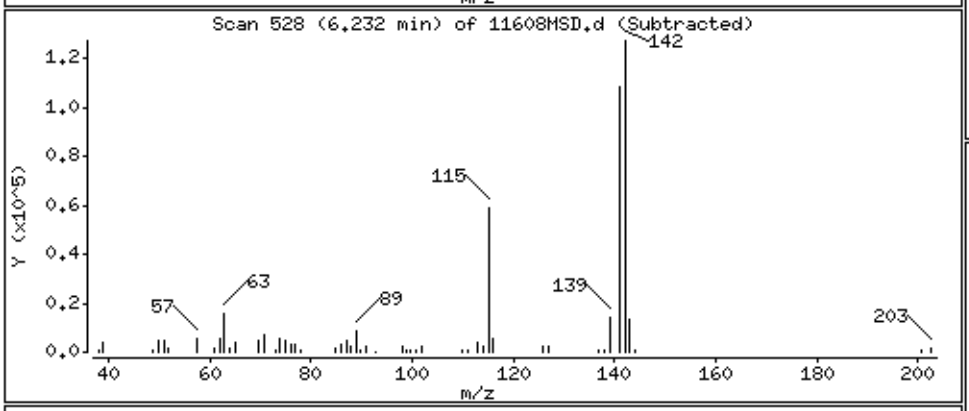
Column diameter: 0.25

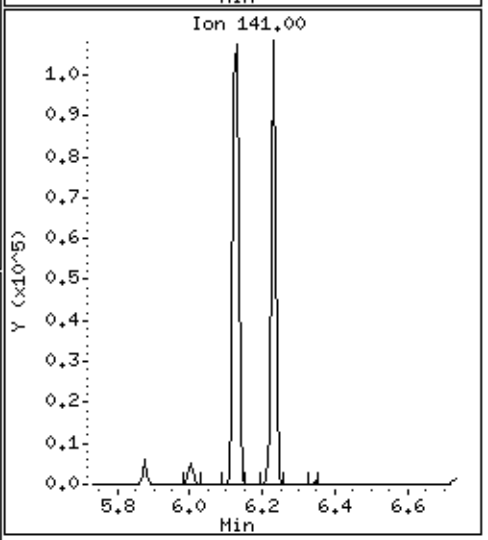
54 1-Methylnaphthalene

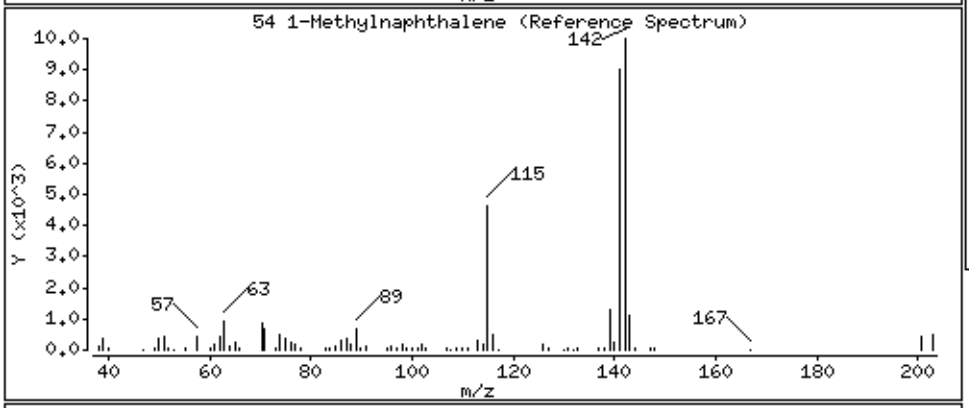
Concentration: 1630 ug/kg

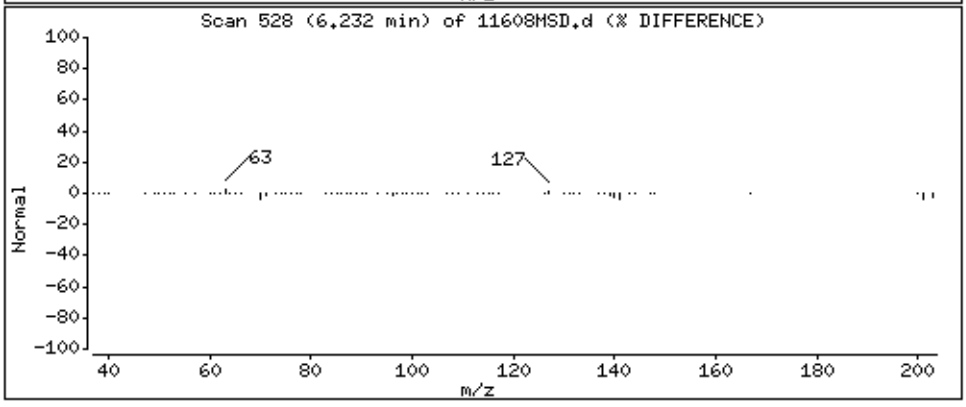












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

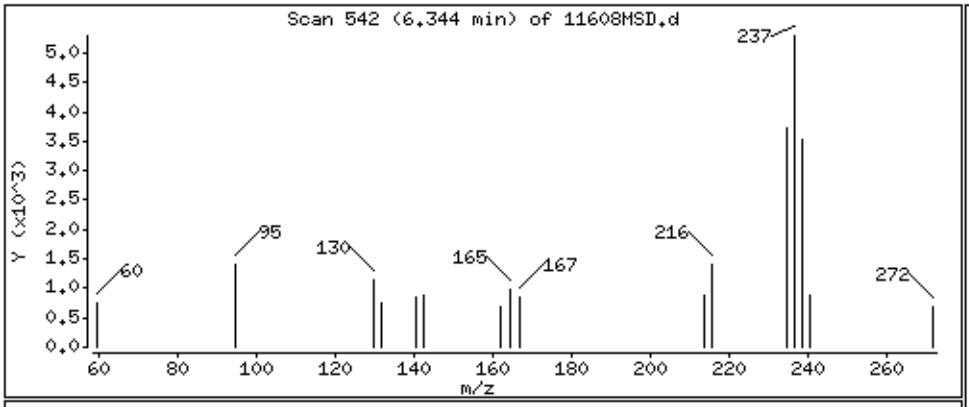
Operator: MJ

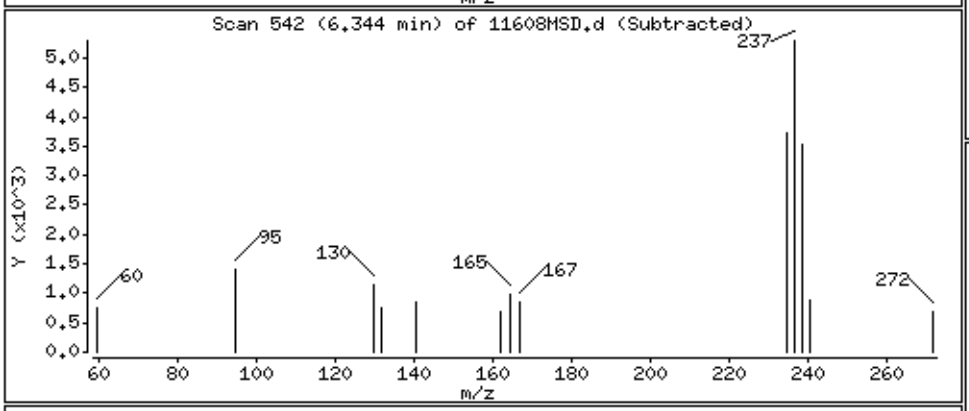
Column phase: HPMS-5

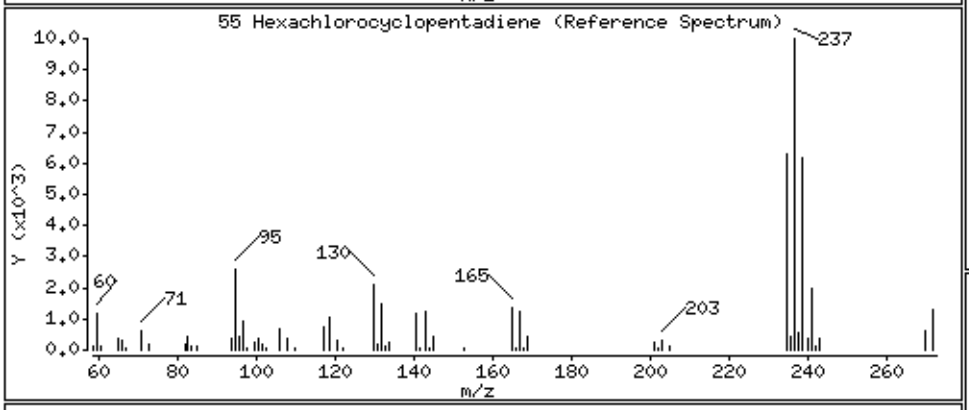
Column diameter: 0.25

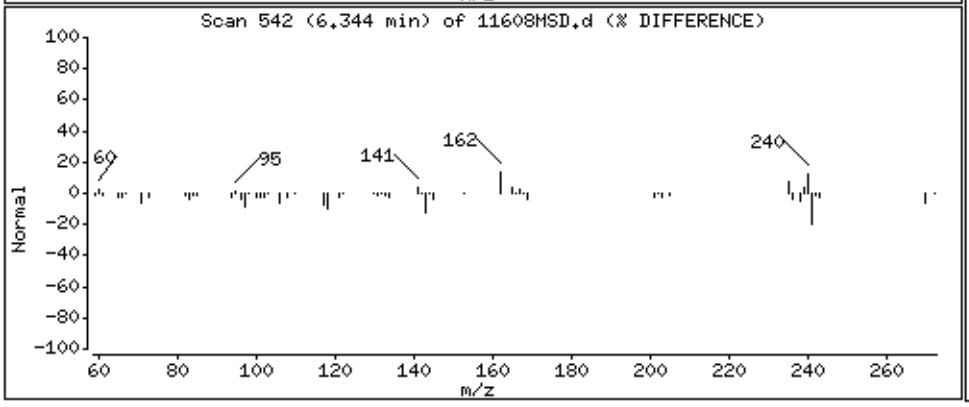
55 Hexachlorocyclopentadiene

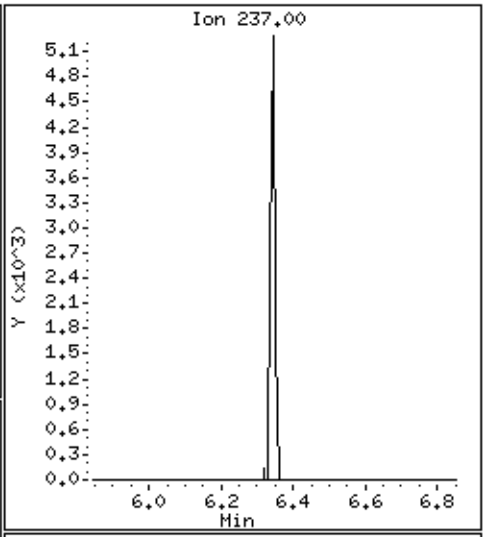
Concentration: 374 ug/kg

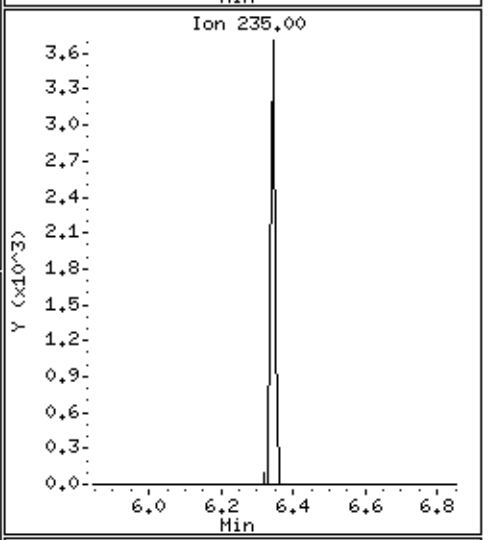


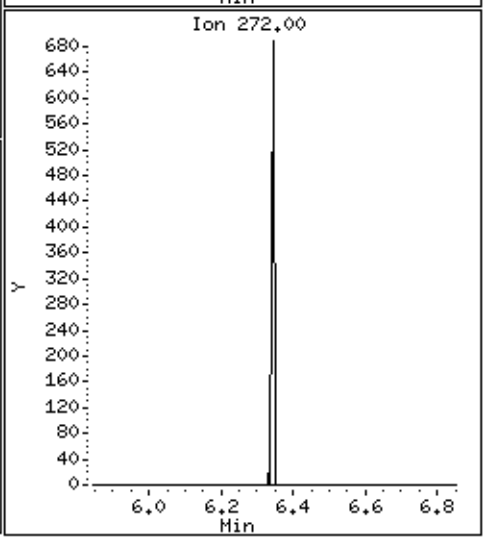












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

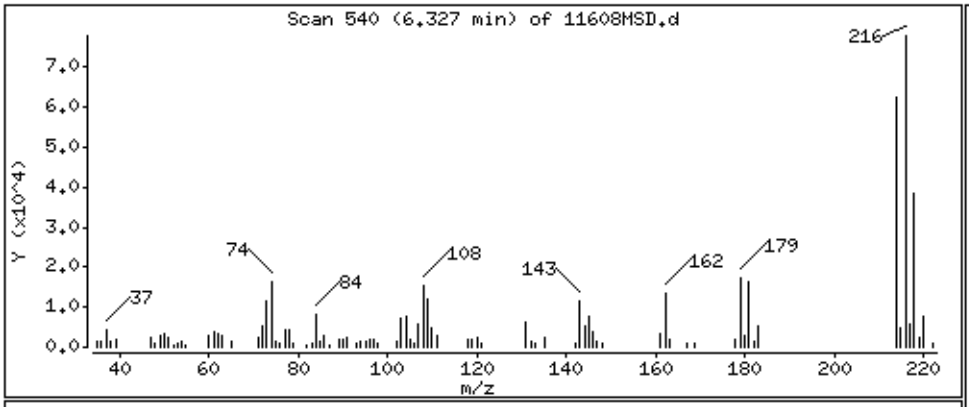
Operator: MJ

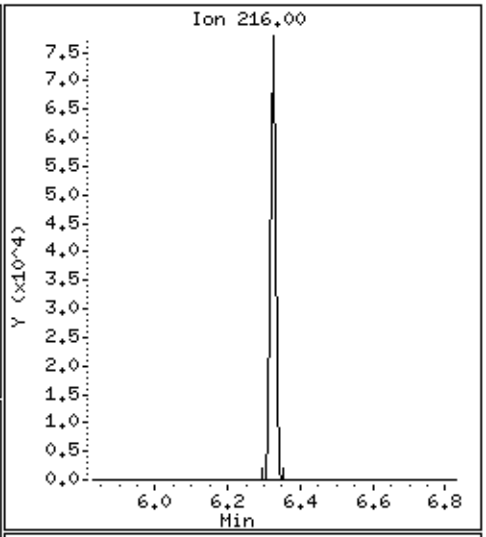
Column phase: HPMS-5

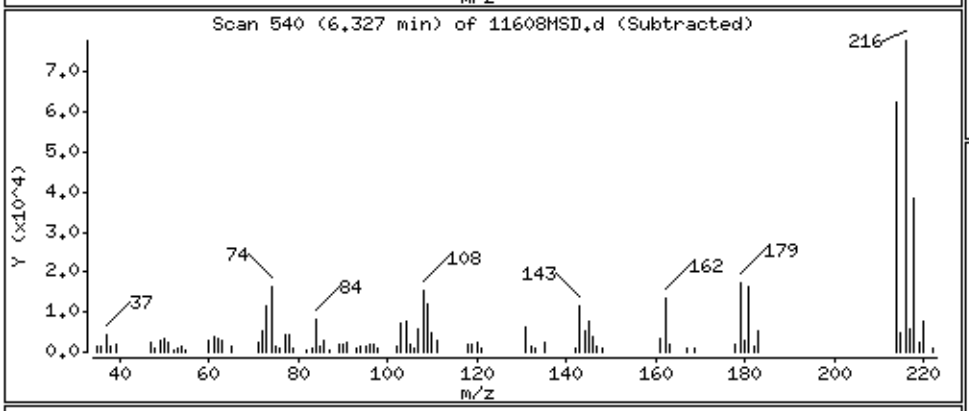
Column diameter: 0.25

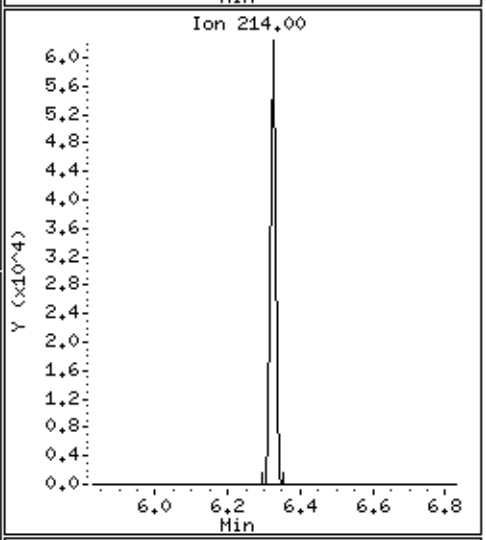
56 1,2,4,5-Tetrachlorobenzene

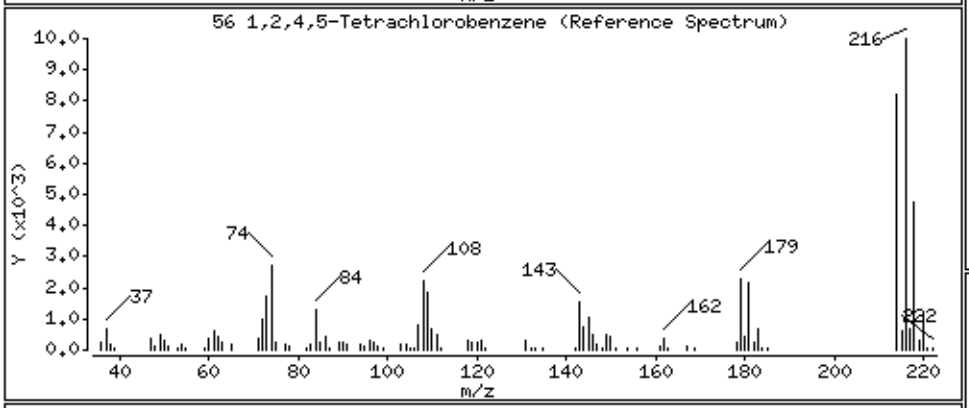
Concentration: 1670 ug/kg

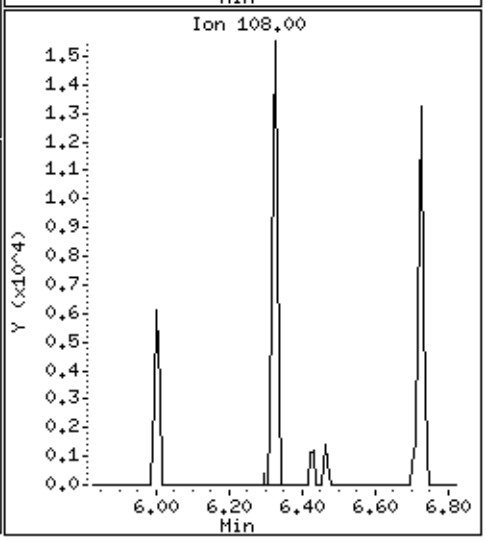


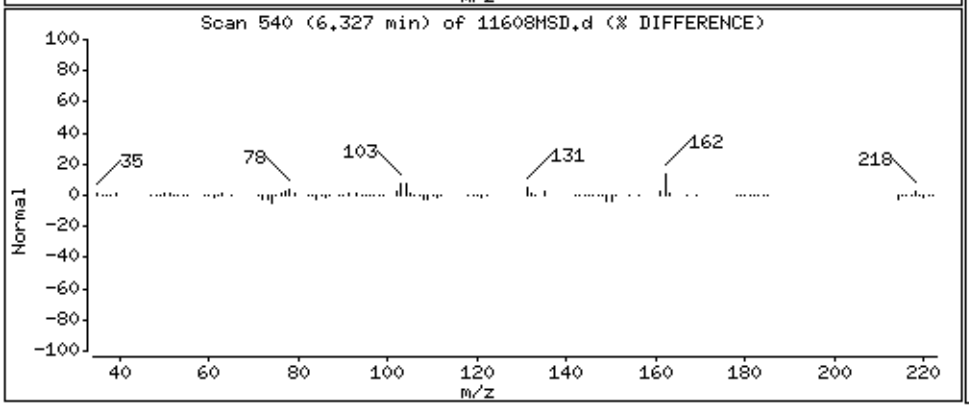












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

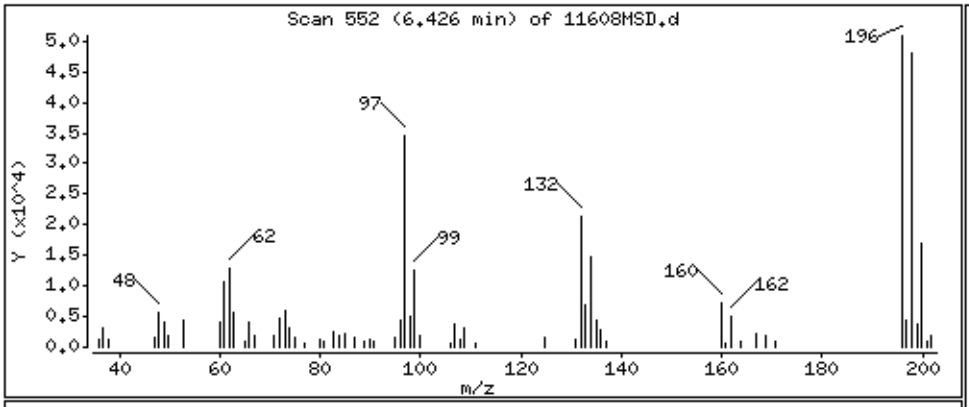
Operator: MJ

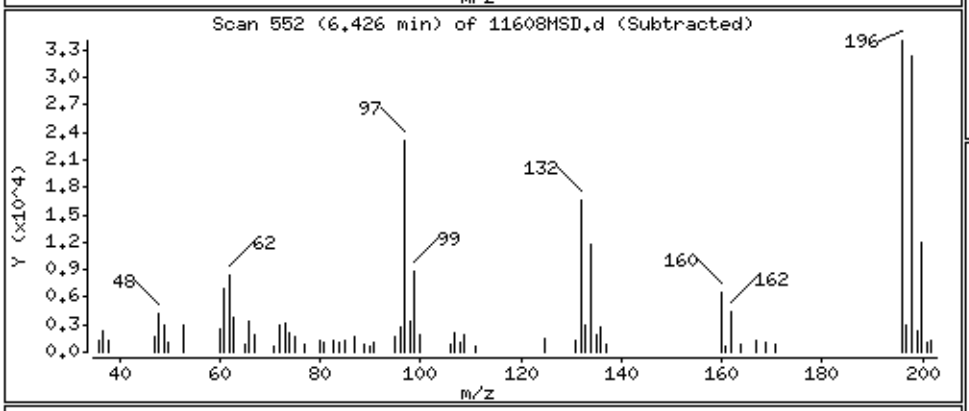
Column phase: HPMS-5

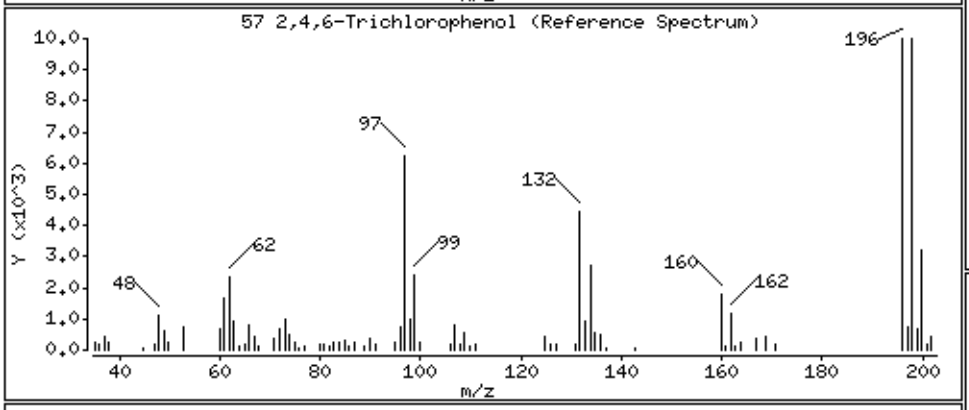
Column diameter: 0.25

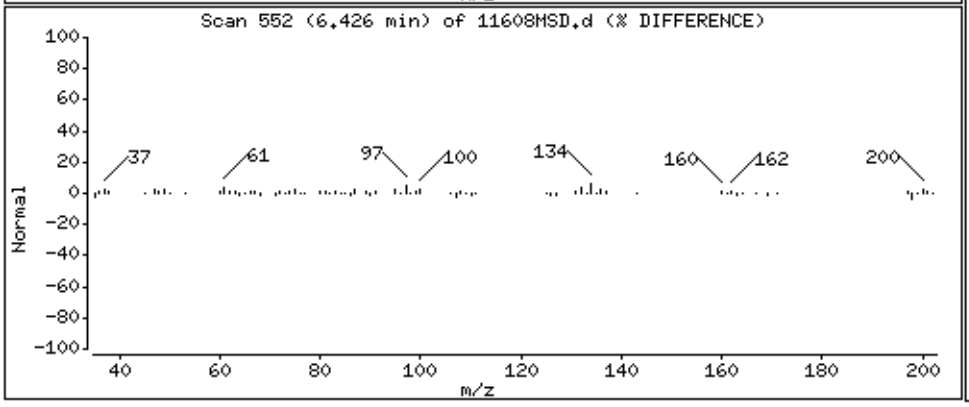
57 2,4,6-Trichlorophenol

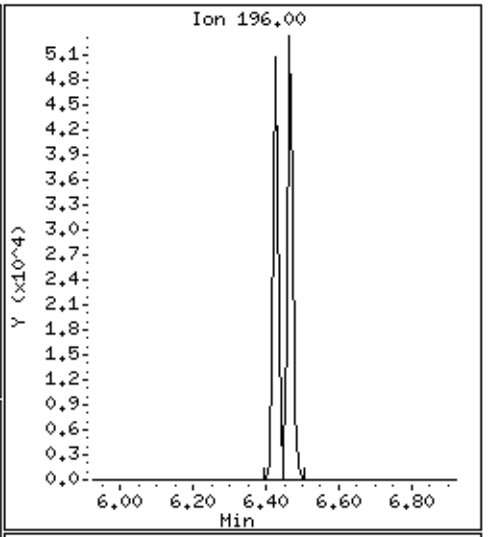
Concentration: 1750 ug/kg

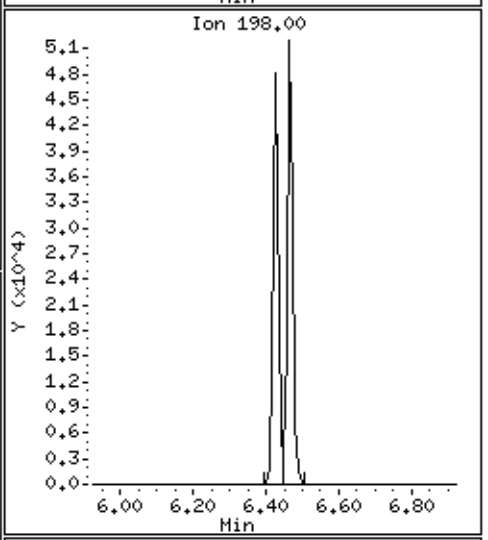


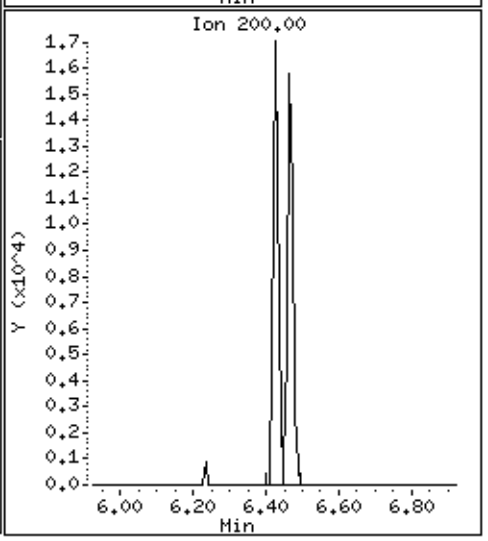












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

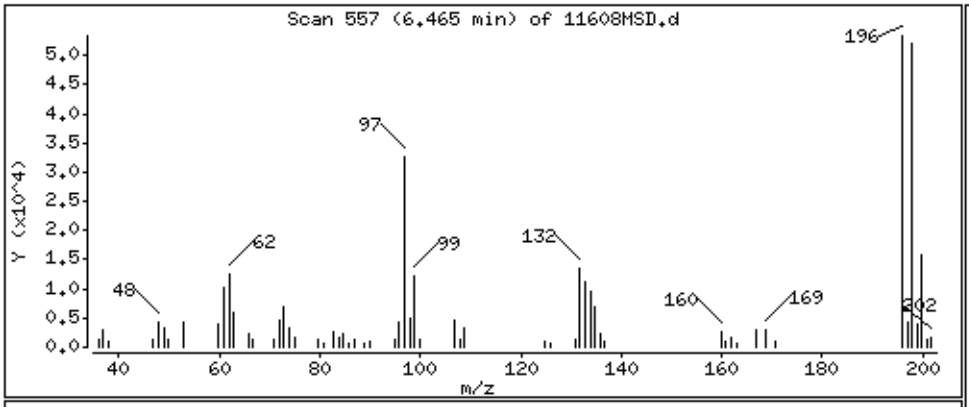
Operator: MJ

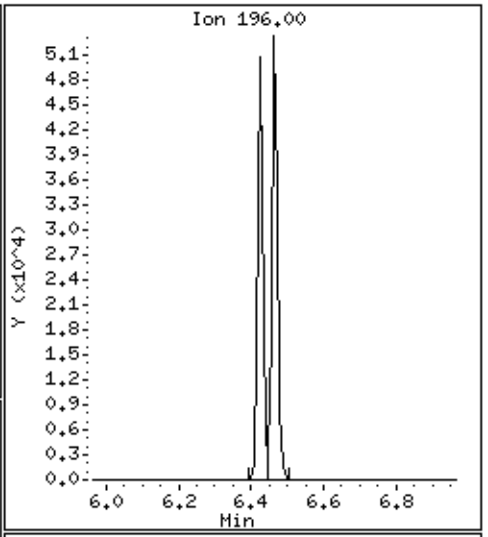
Column phase: HPMS-5

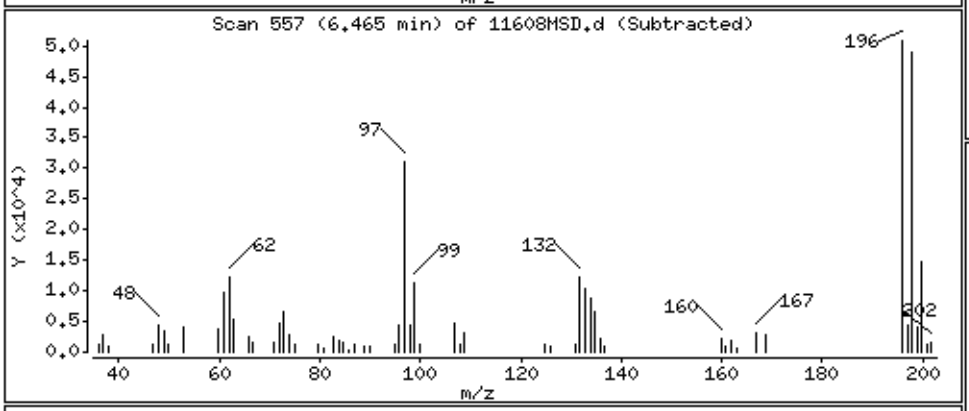
Column diameter: 0.25

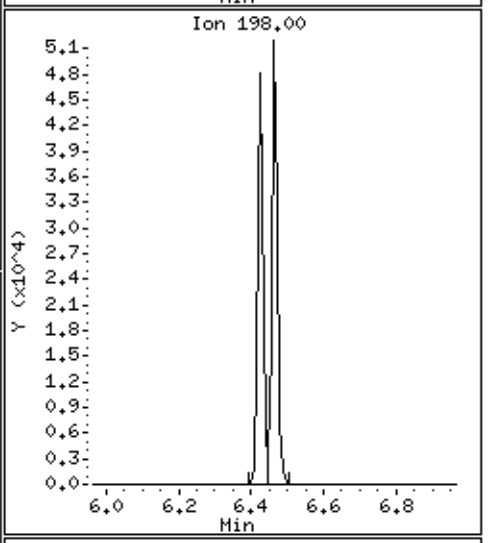
58 2,4,5-Trichlorophenol

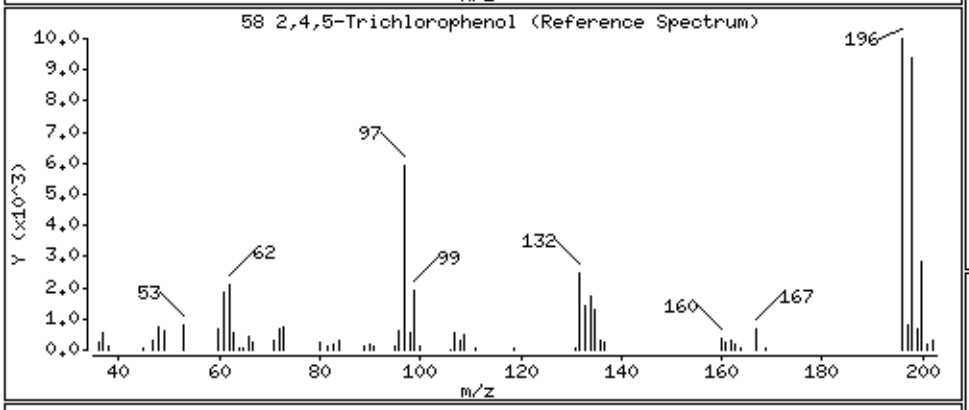
Concentration: 1740 ug/kg

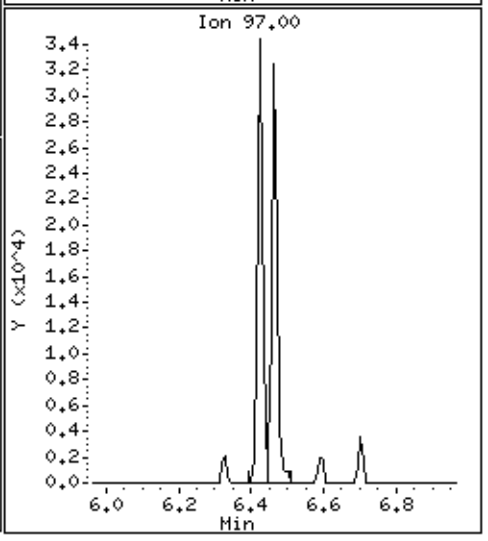


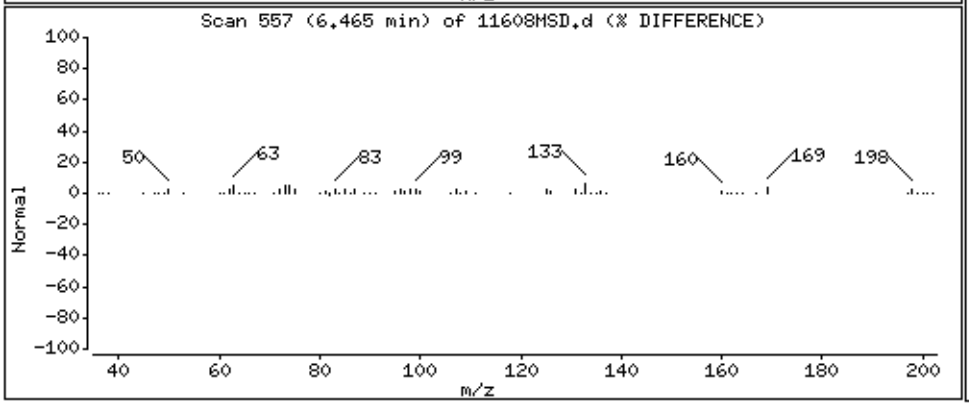












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

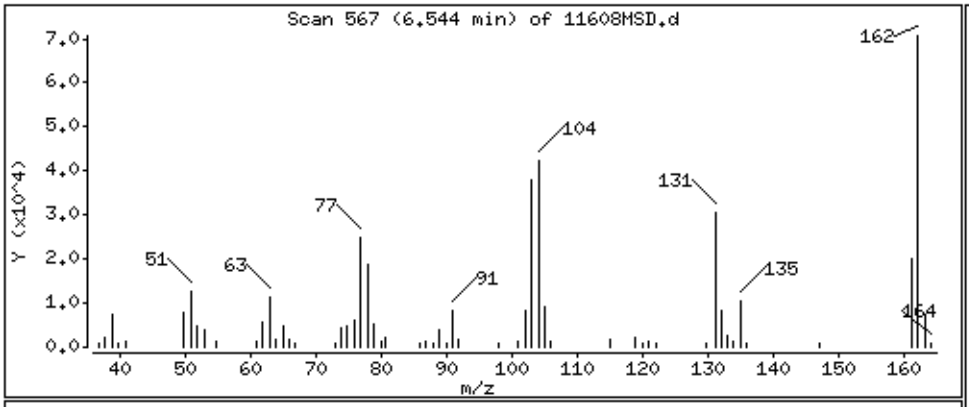
Operator: MJ

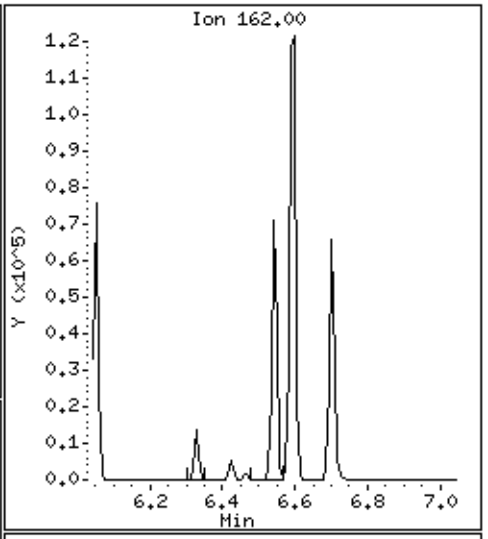
Column phase: HPMS-5

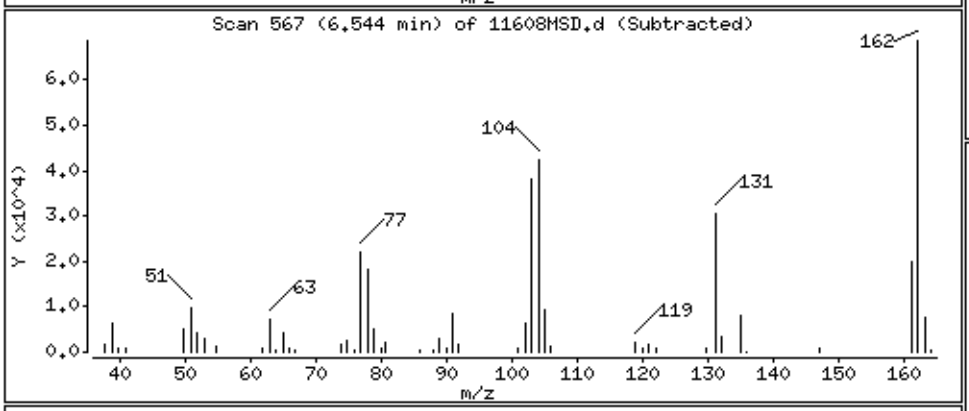
Column diameter: 0.25

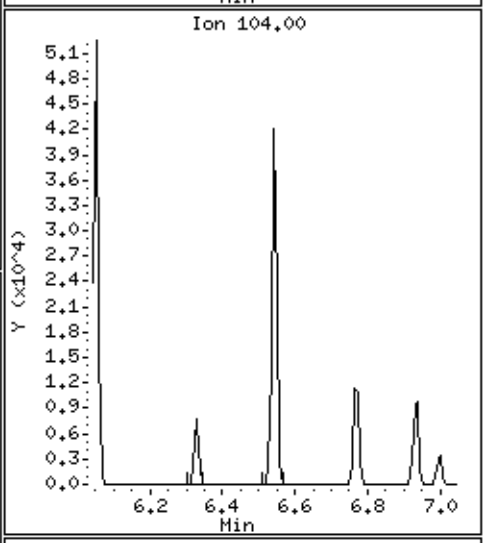
60 Safrole

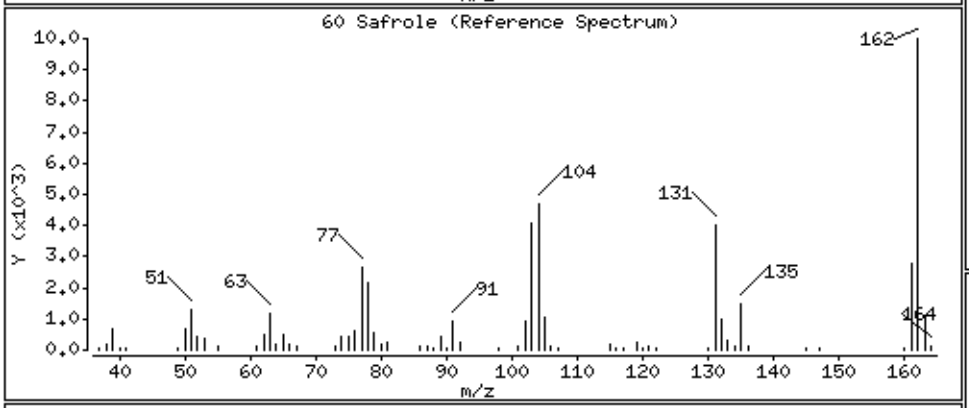
Concentration: 2250 ug/kg

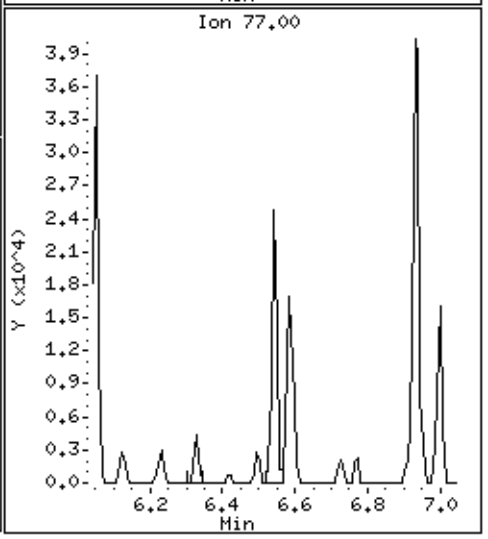


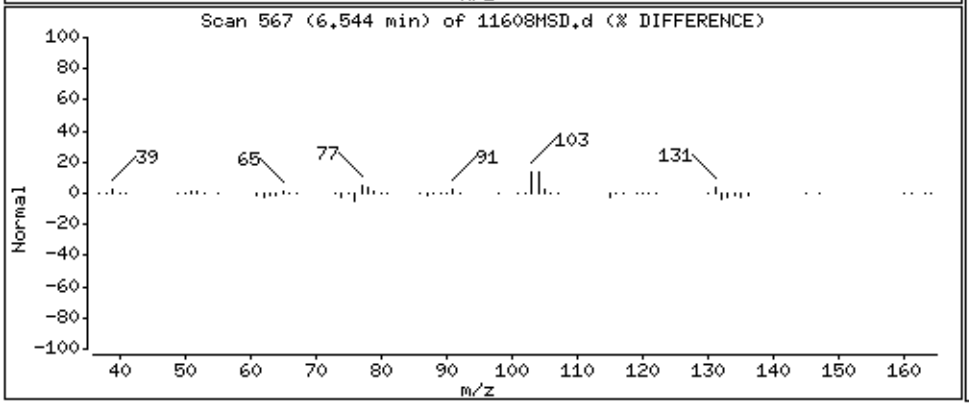












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

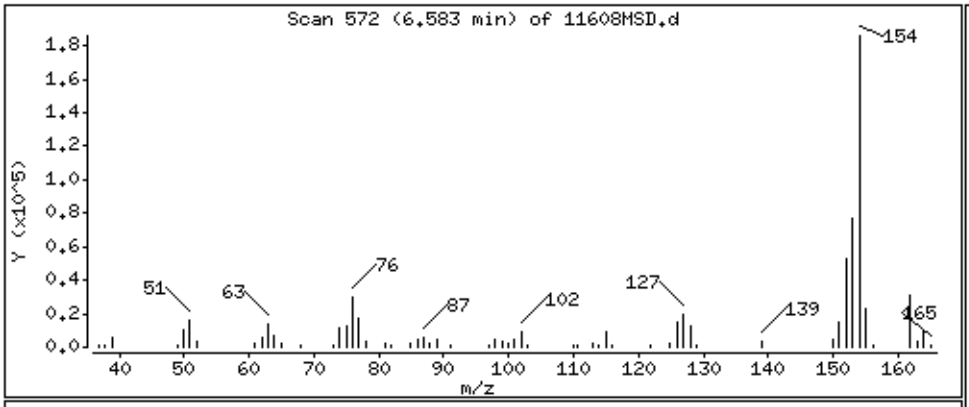
Operator: MJ

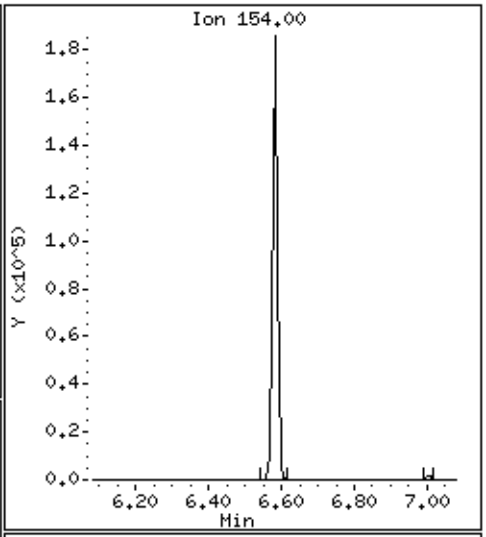
Column phase: HPMS-5

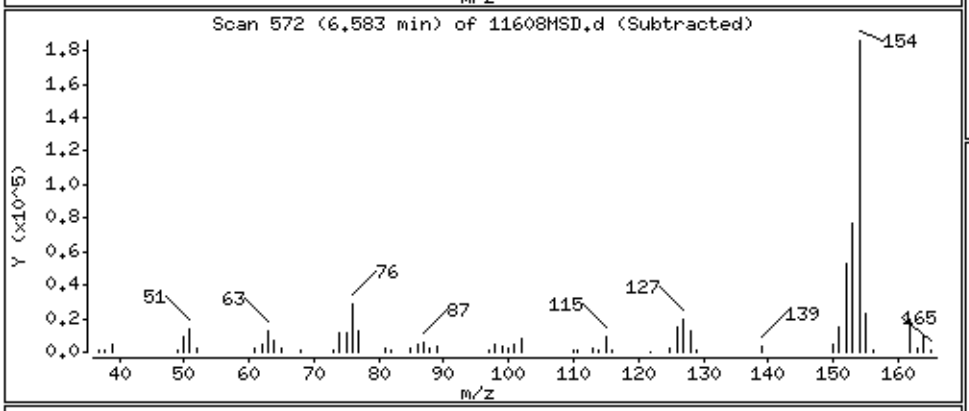
Column diameter: 0.25

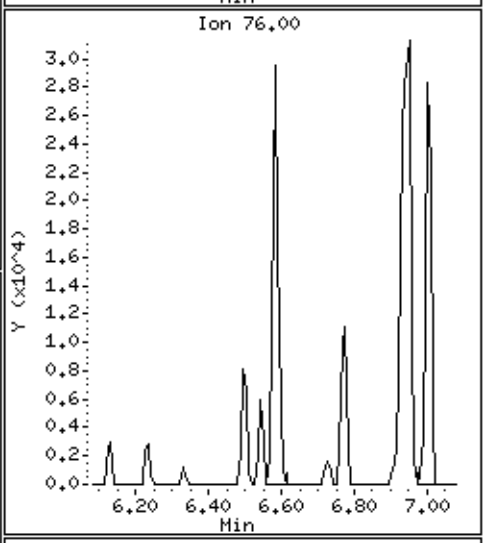
61 1,1-Biphenyl

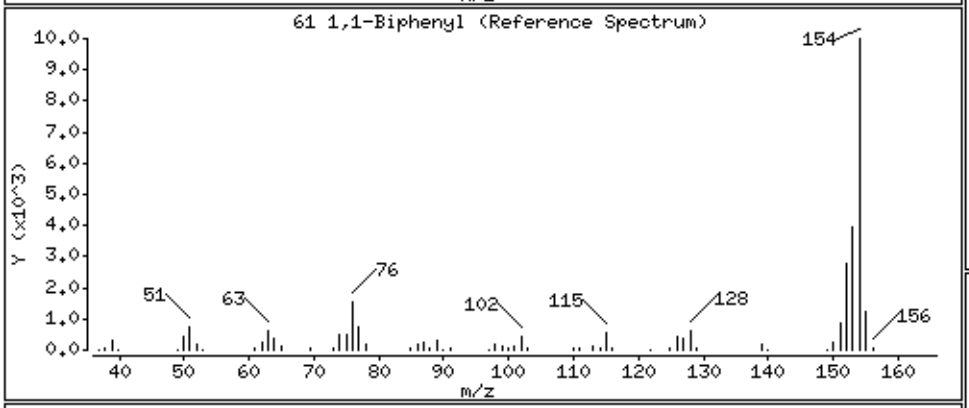
Concentration: 1620 ug/kg

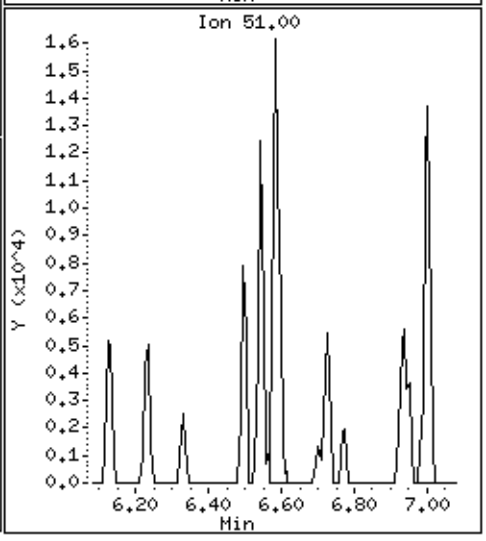


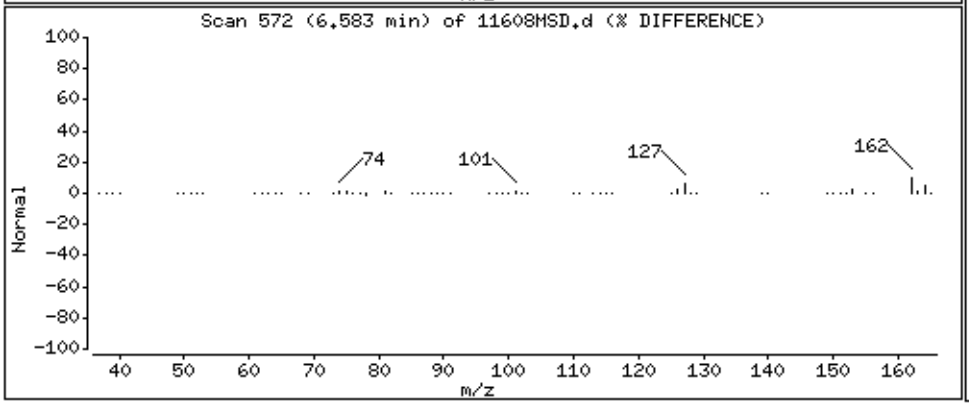












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

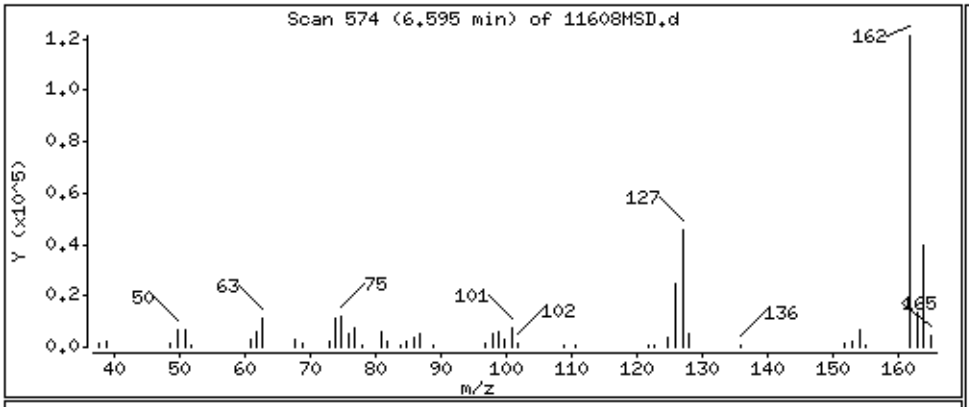
Operator: MJ

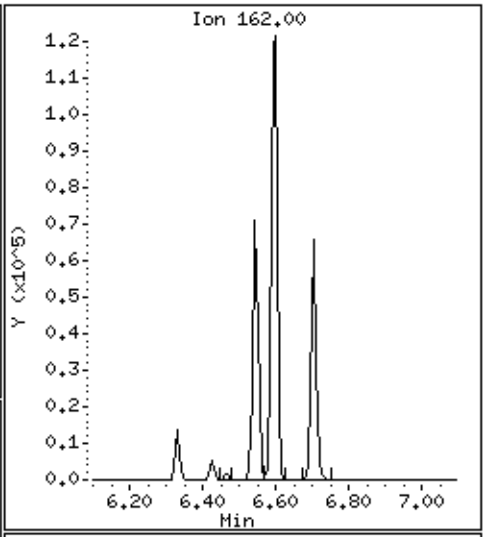
Column phase: HPMS-5

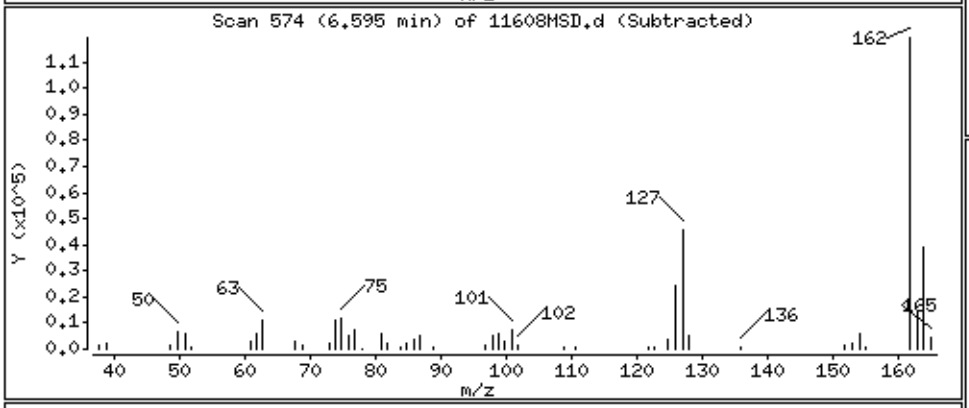
Column diameter: 0.25

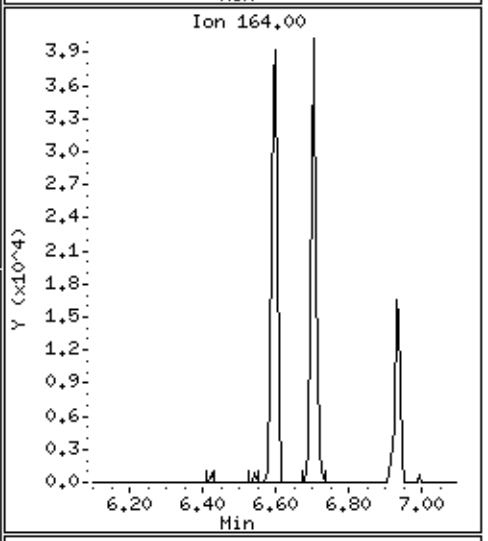
62 2-Chloronaphthalene

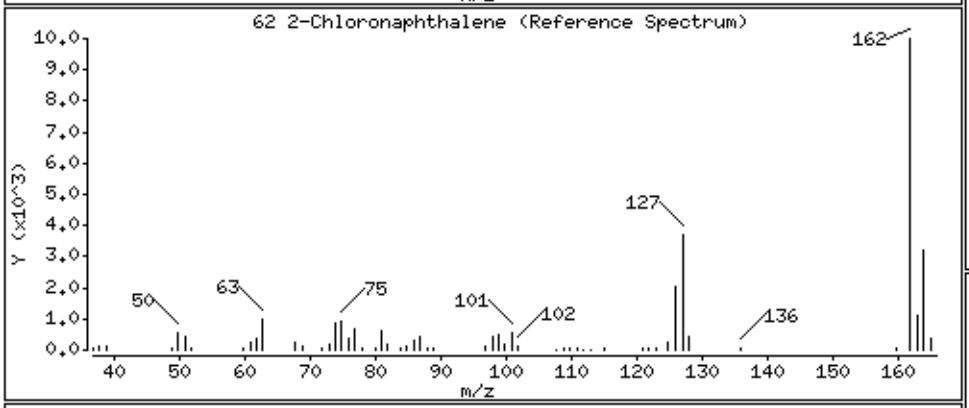
Concentration: 1700 ug/kg

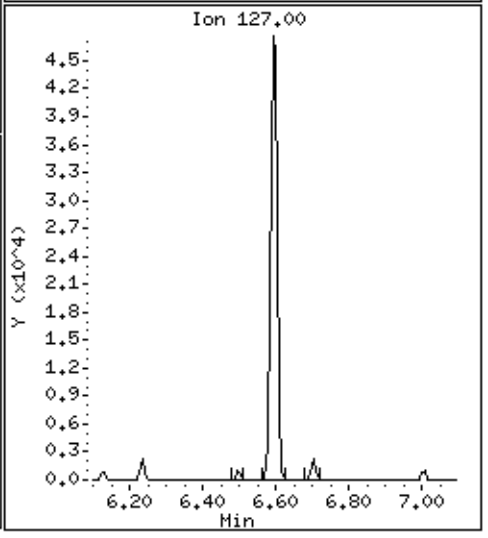


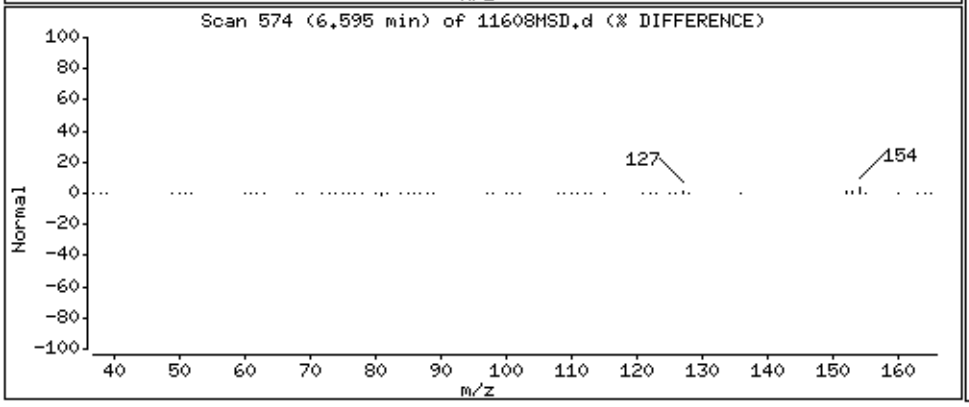












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

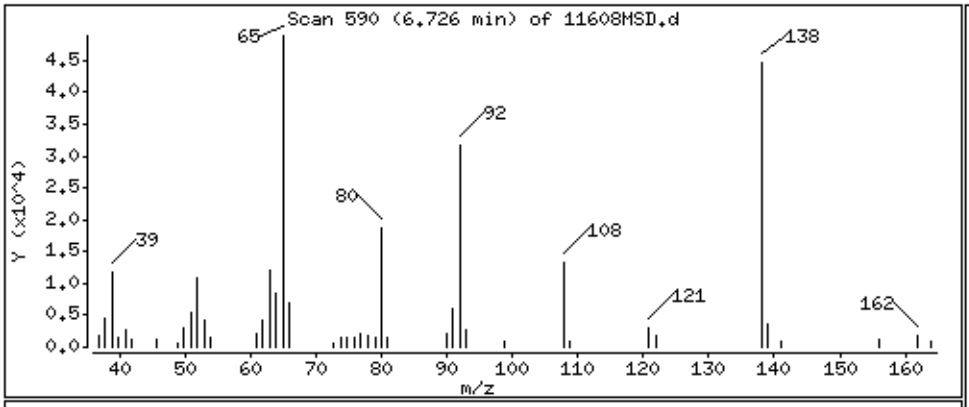
Operator: MJ

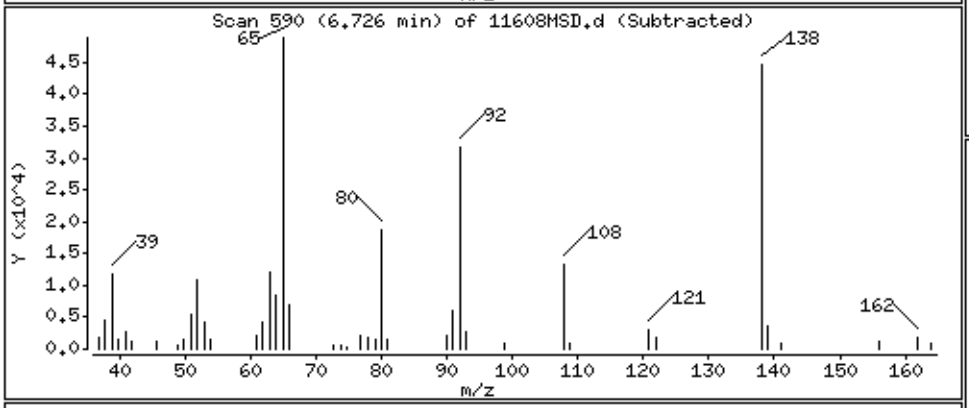
Column phase: HPMS-5

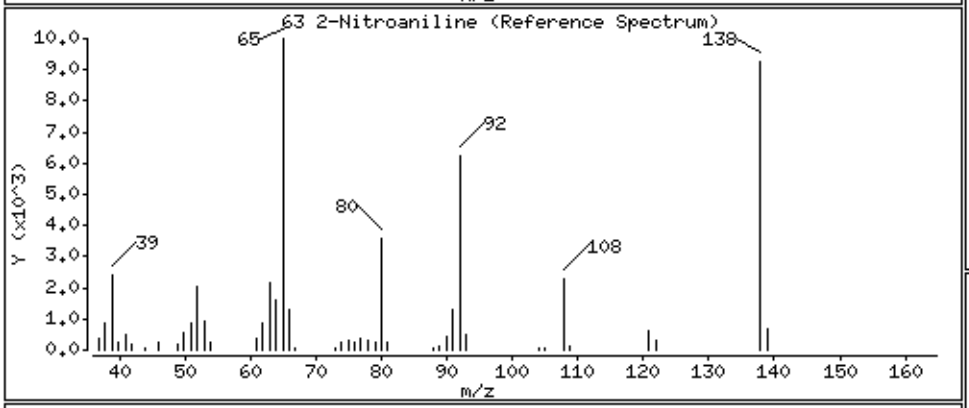
Column diameter: 0.25

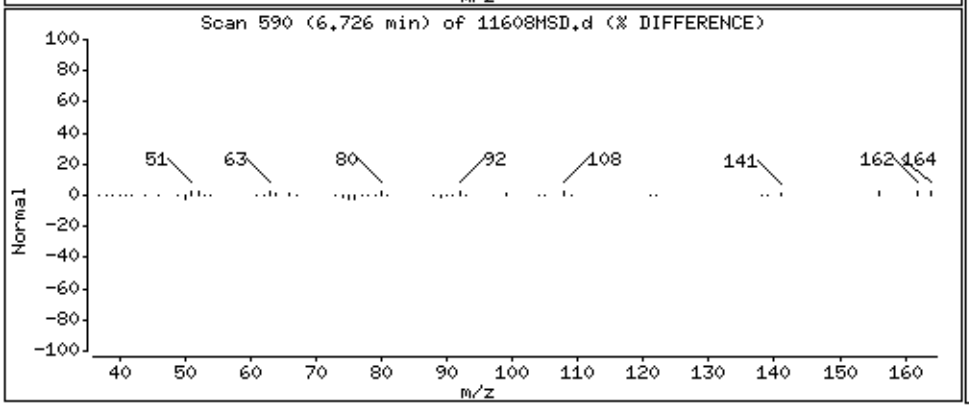
63 2-Nitroaniline

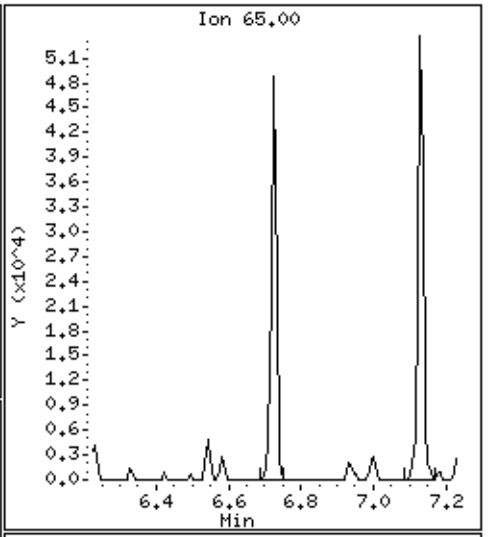
Concentration: 1690 ug/kg

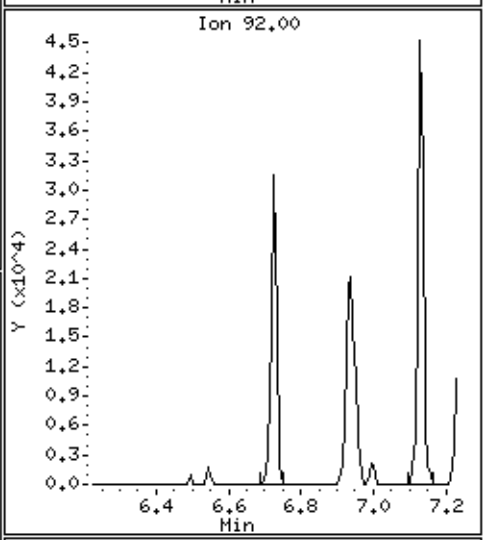


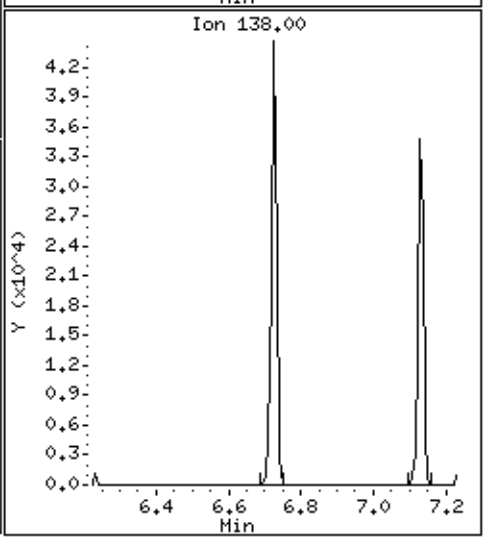












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

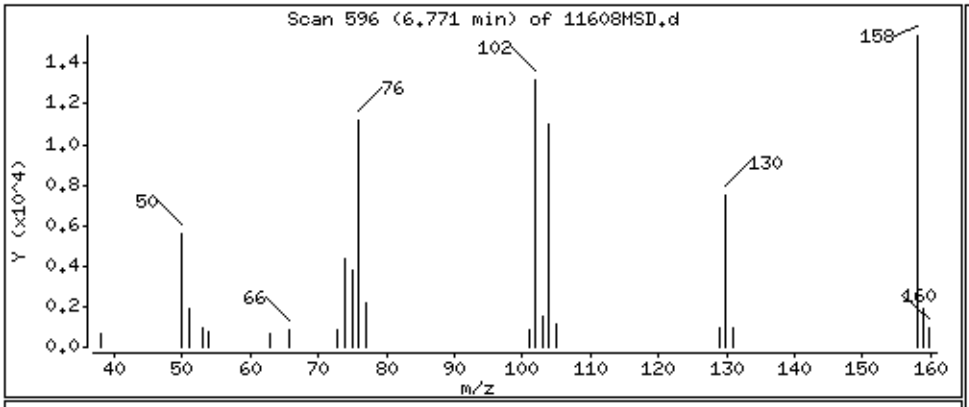
Operator: MJ

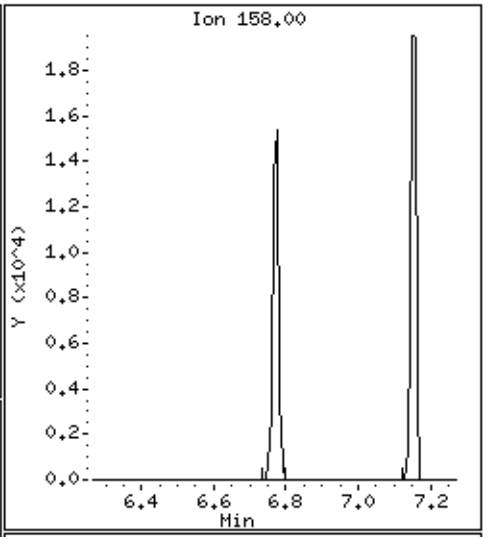
Column phase: HPMS-5

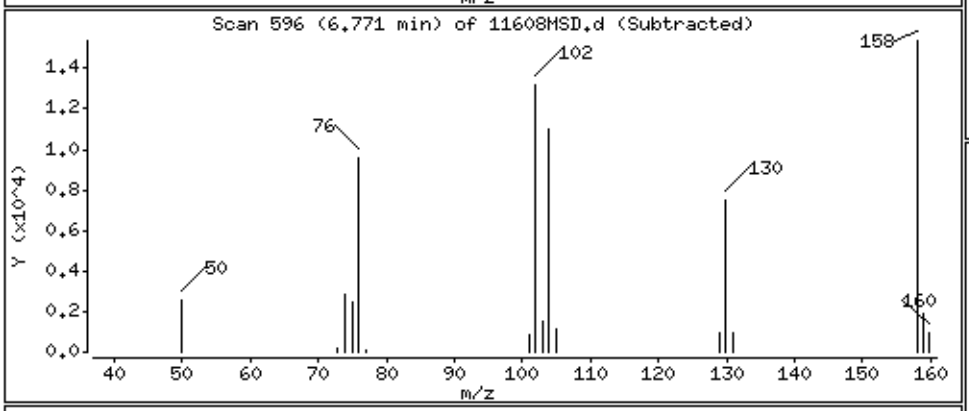
Column diameter: 0.25

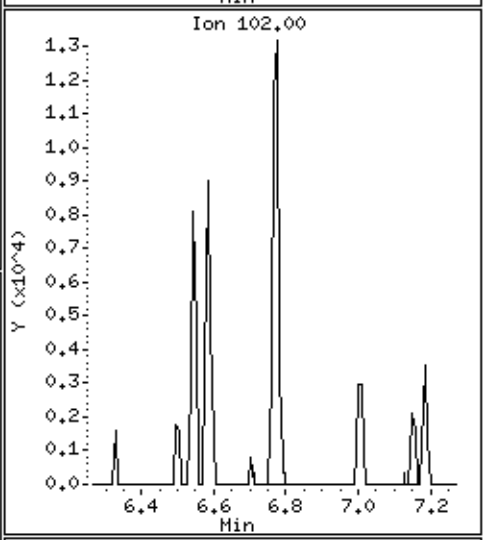
64 1,4-Naphthoquinone

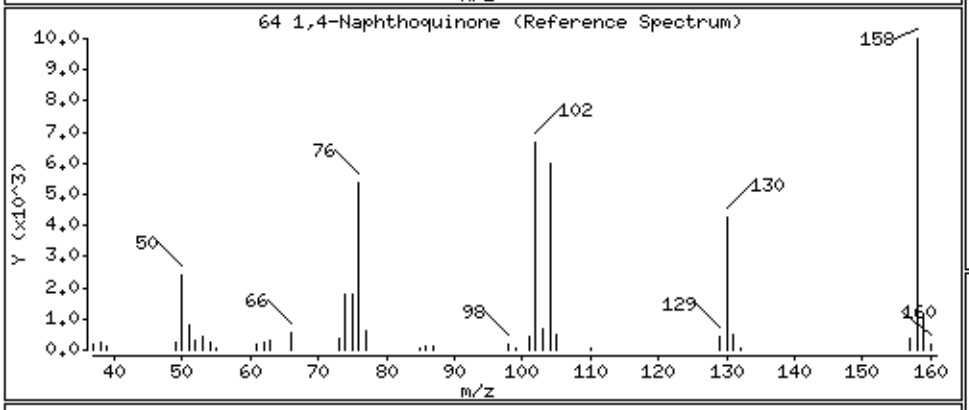
Concentration: 595 ug/kg

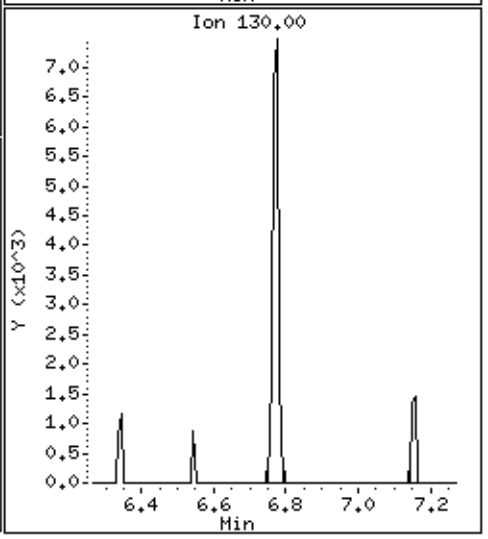


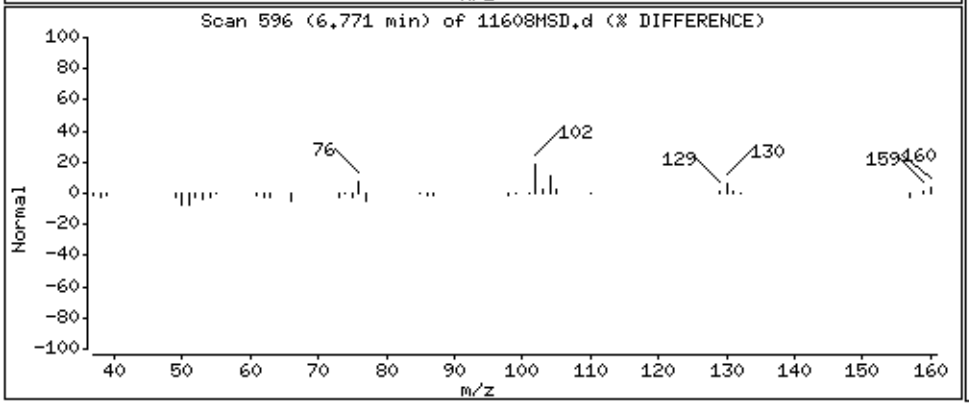












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

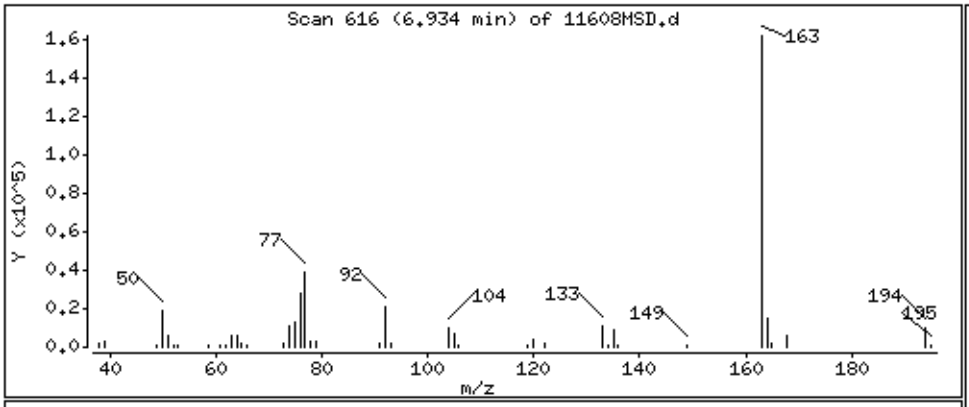
Operator: MJ

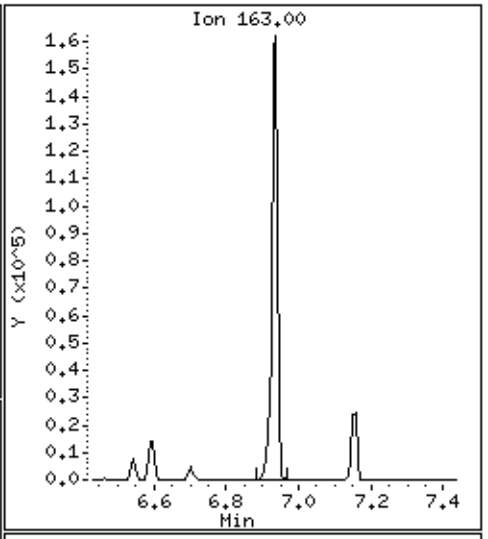
Column phase: HPMS-5

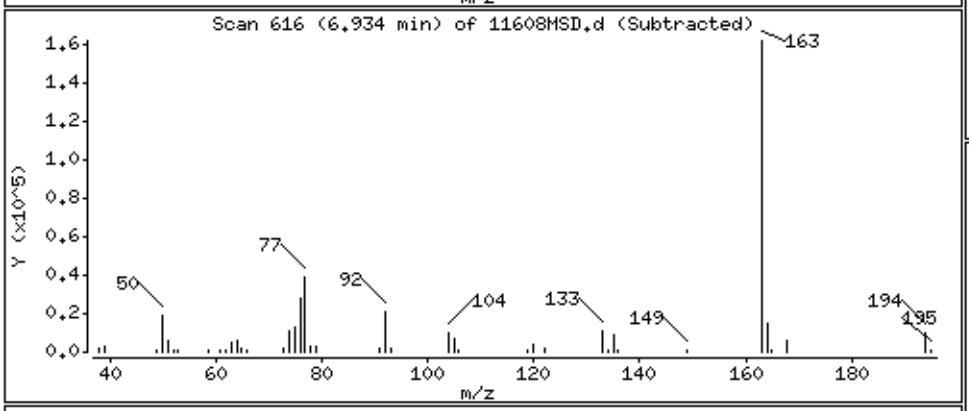
Column diameter: 0.25

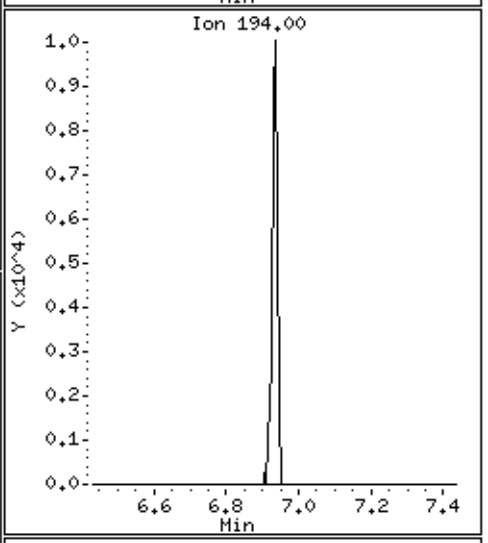
65 Dimethylphthalate

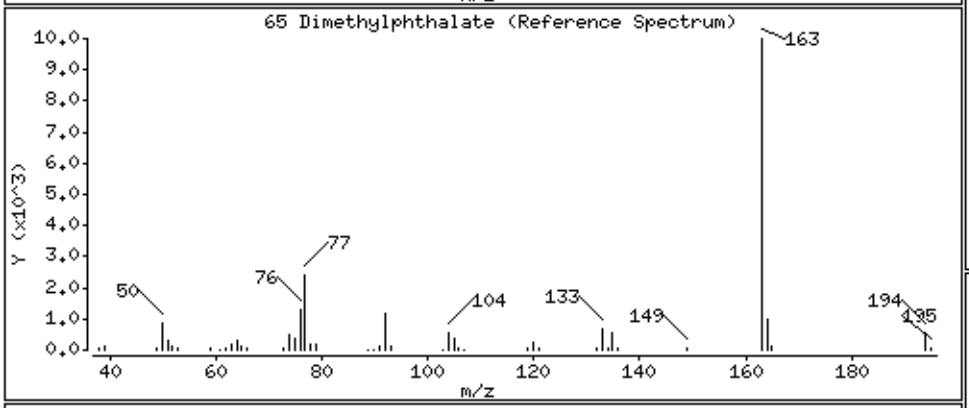
Concentration: 1820 ug/kg

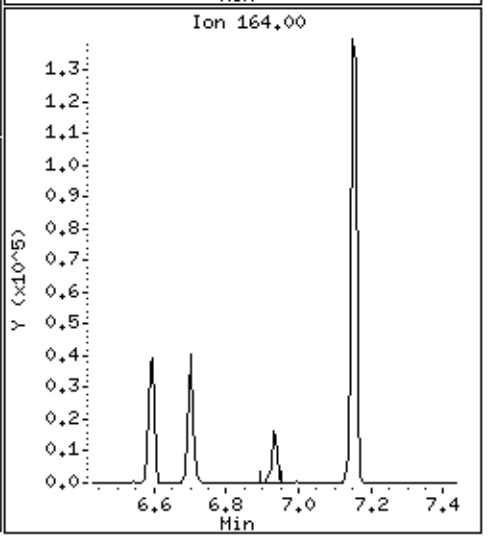


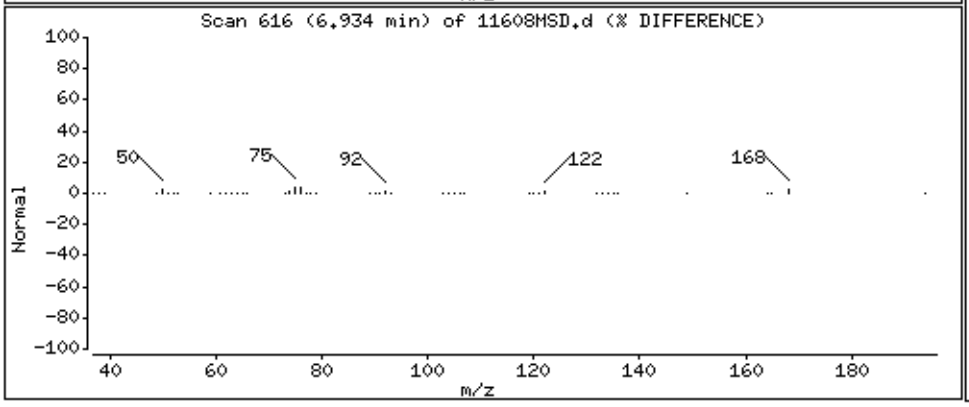












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

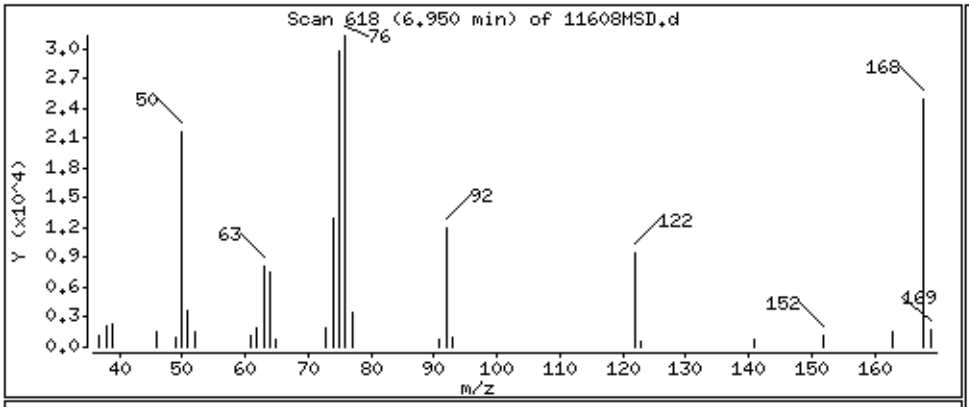
Operator: MJ

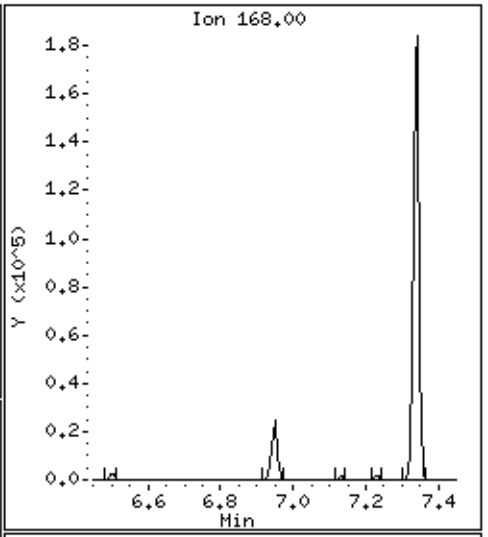
Column phase: HPMS-5

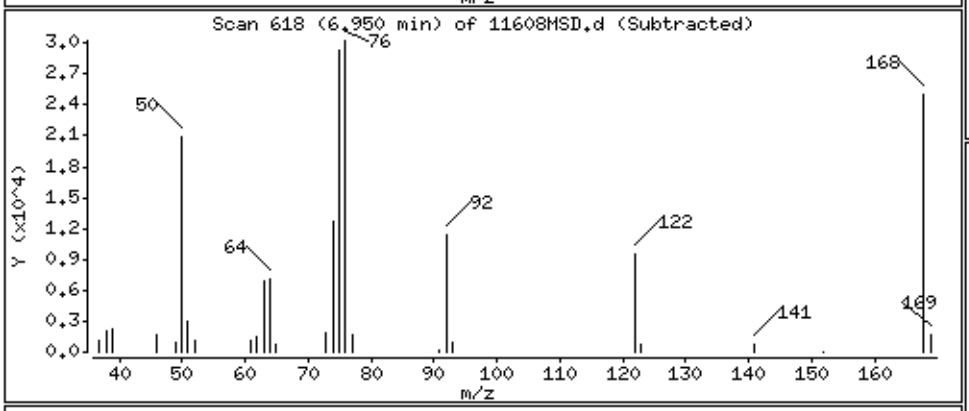
Column diameter: 0.25

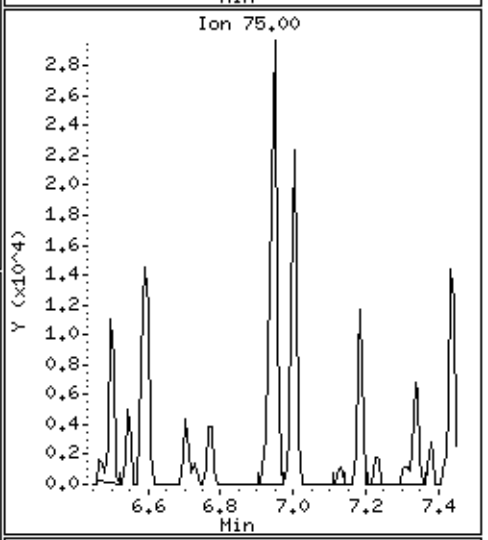
66 1,3-Dinitrobenzene

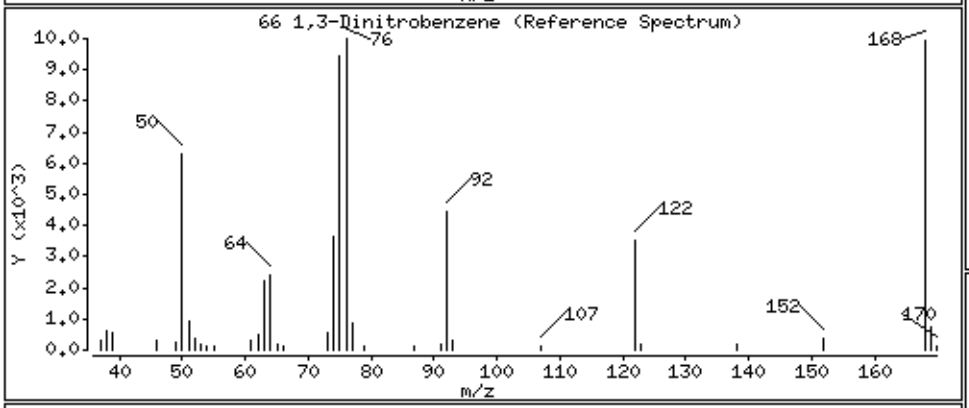
Concentration: 1810 ug/kg

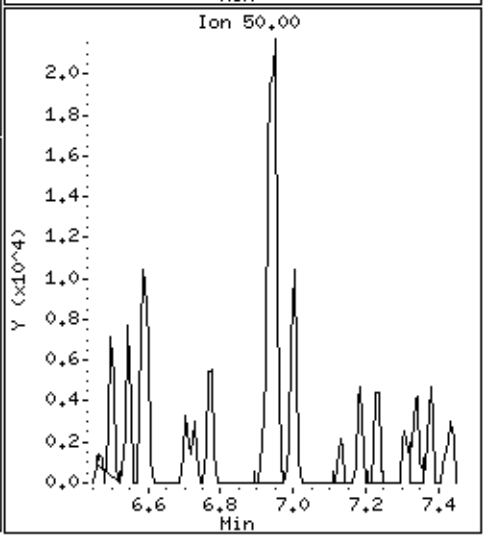


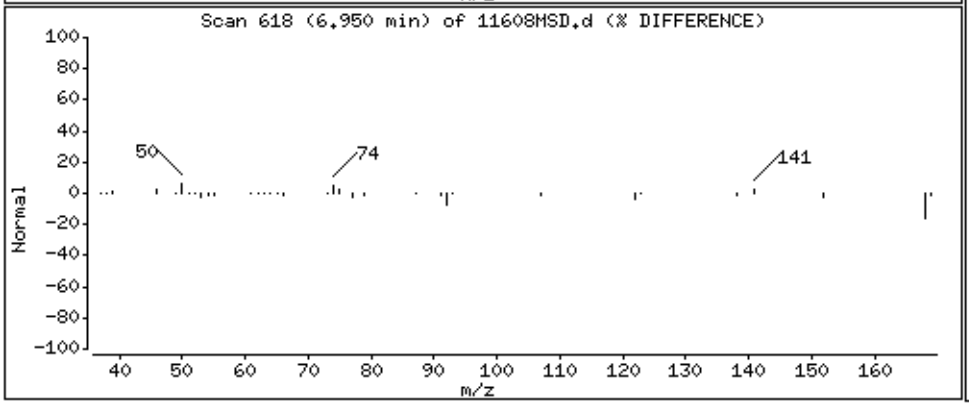












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

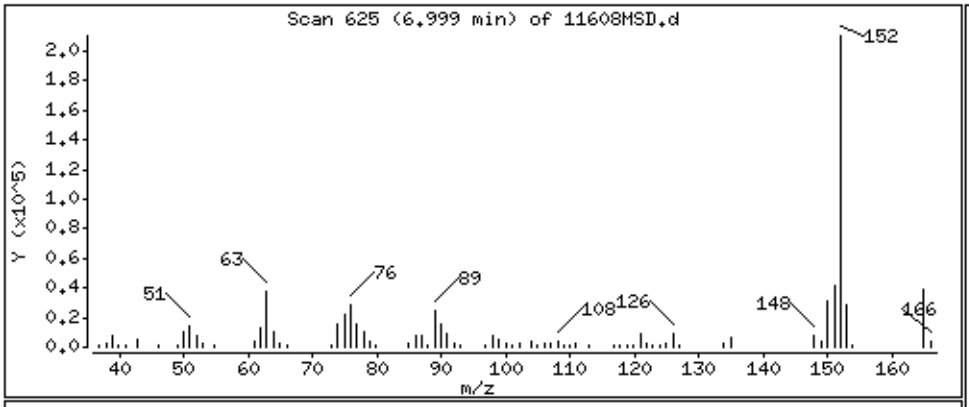
Operator: MJ

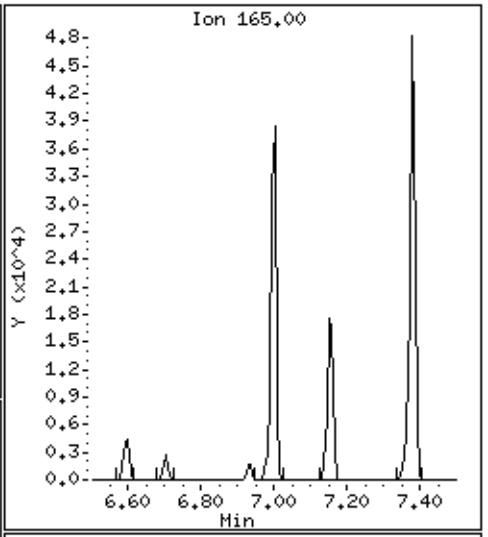
Column phase: HPMS-5

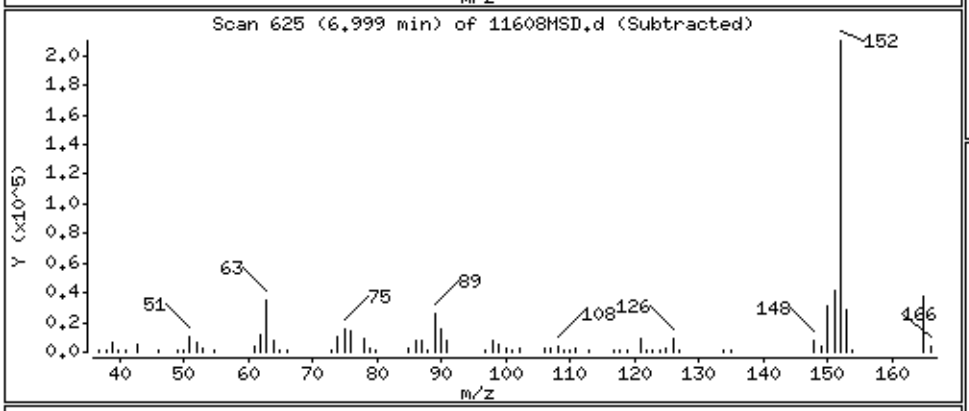
Column diameter: 0.25

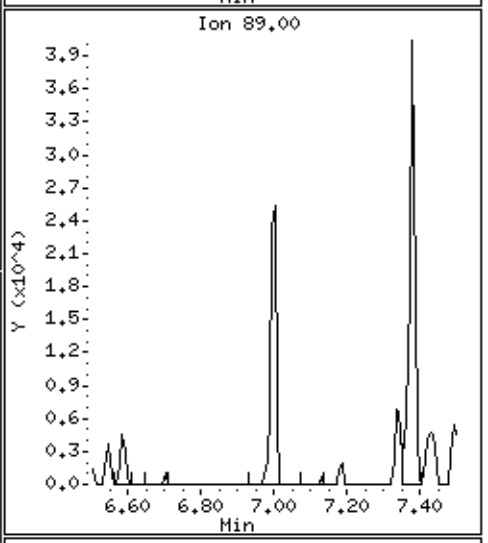
67 2,6-Dinitrotoluene

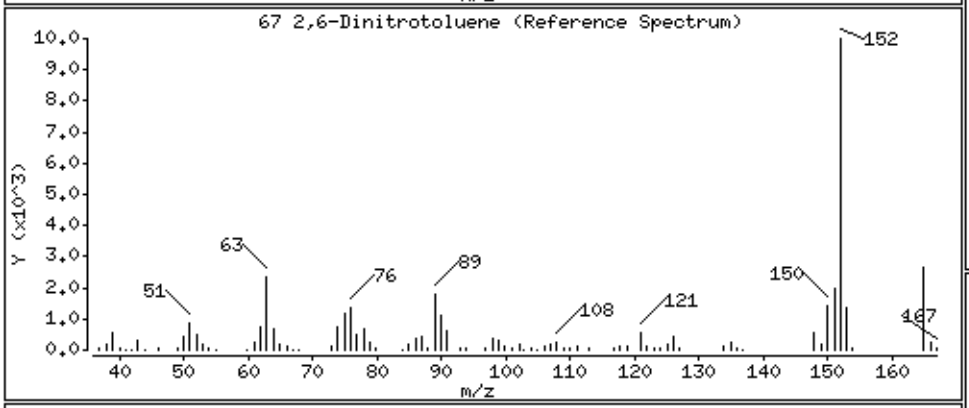
Concentration: 1740 ug/kg

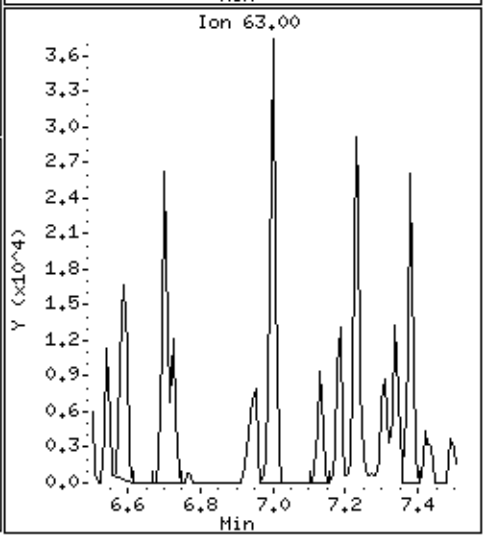


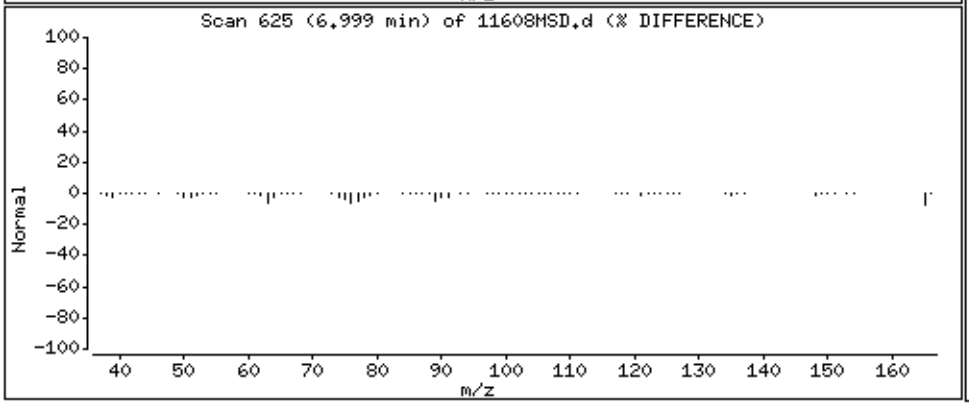












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

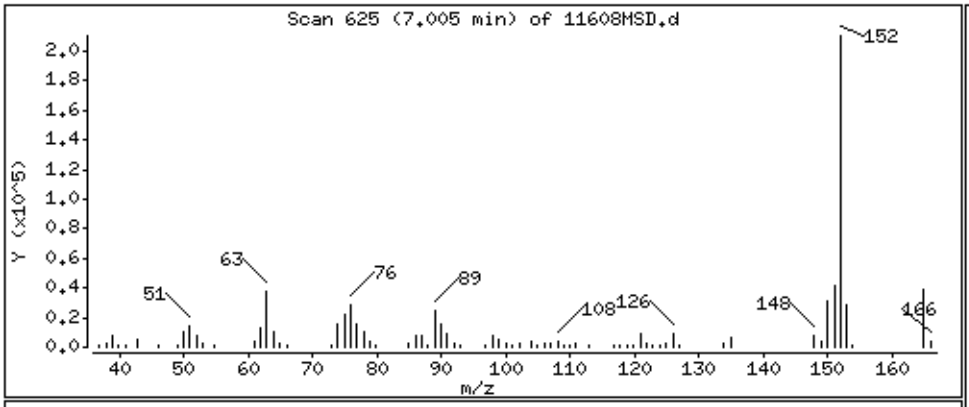
Operator: MJ

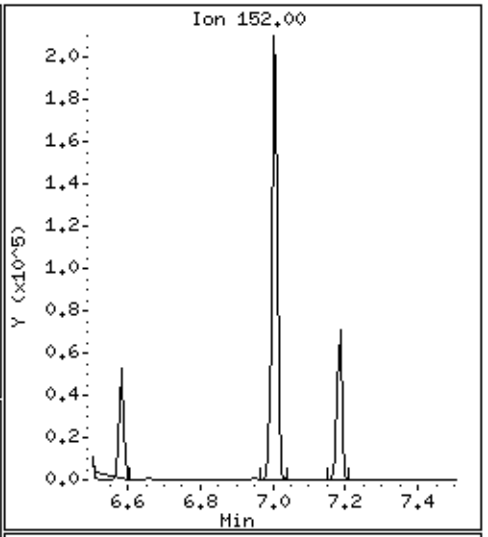
Column phase: HPMS-5

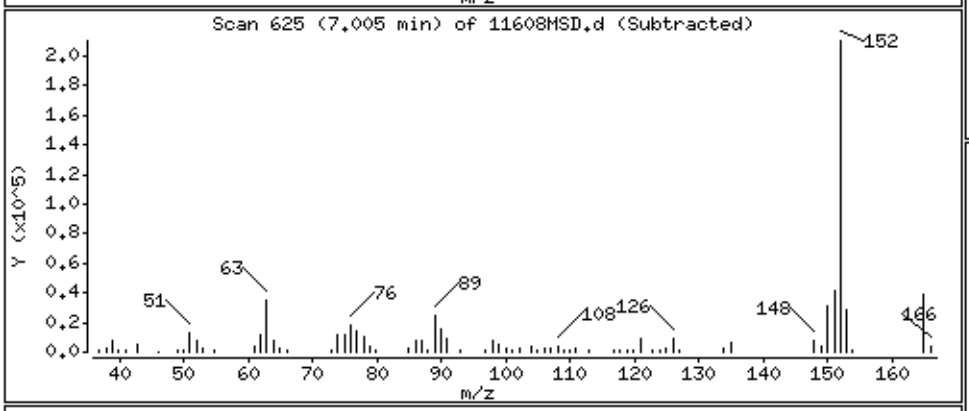
Column diameter: 0.25

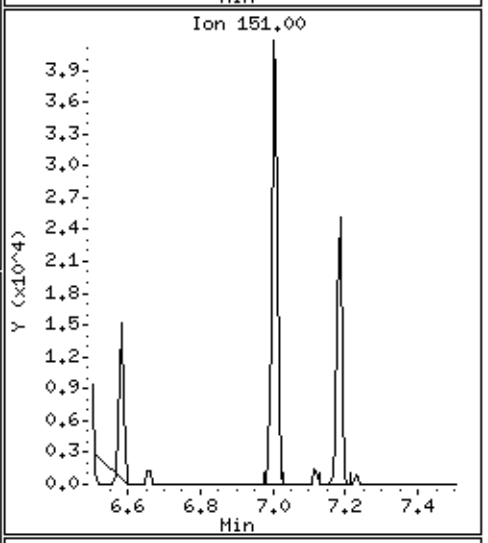
68 Acenaphthylene

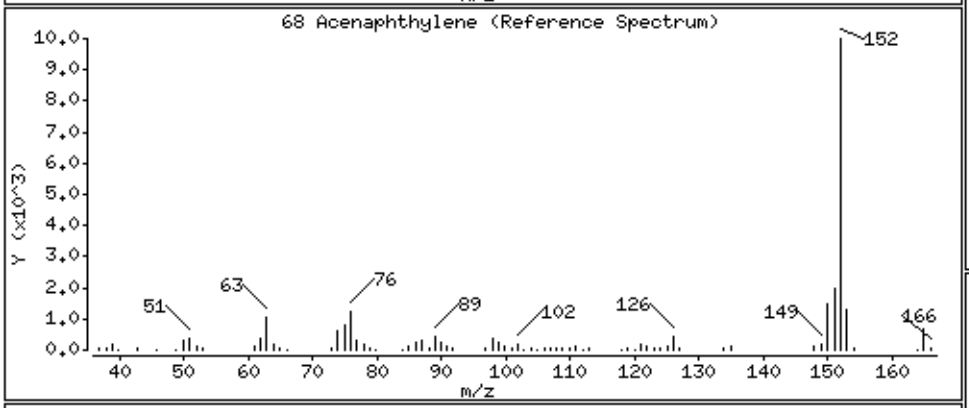
Concentration: 1720 ug/kg

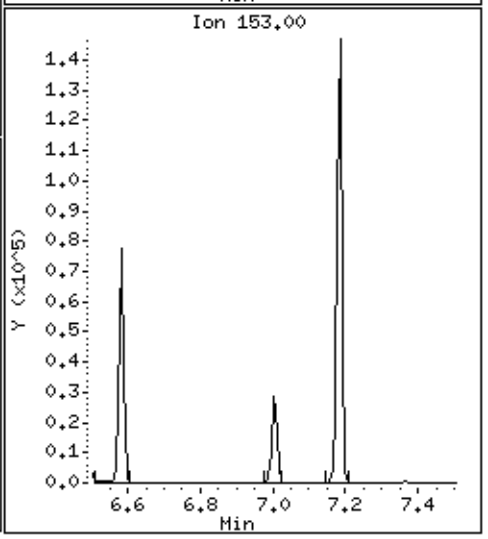


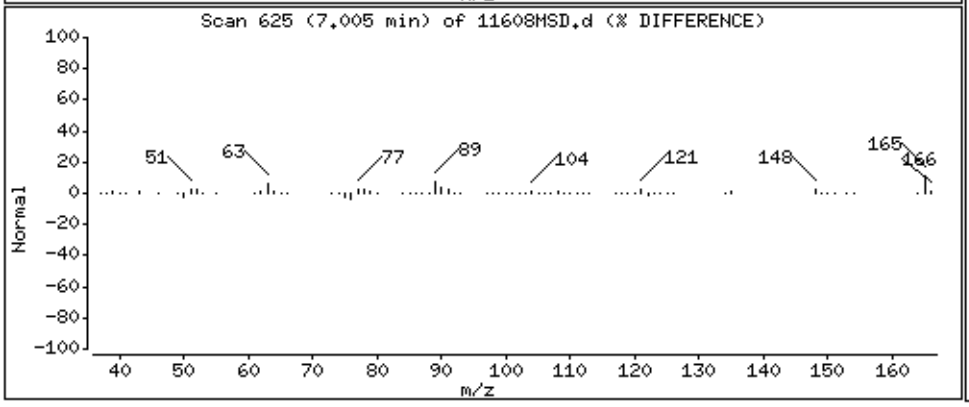












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

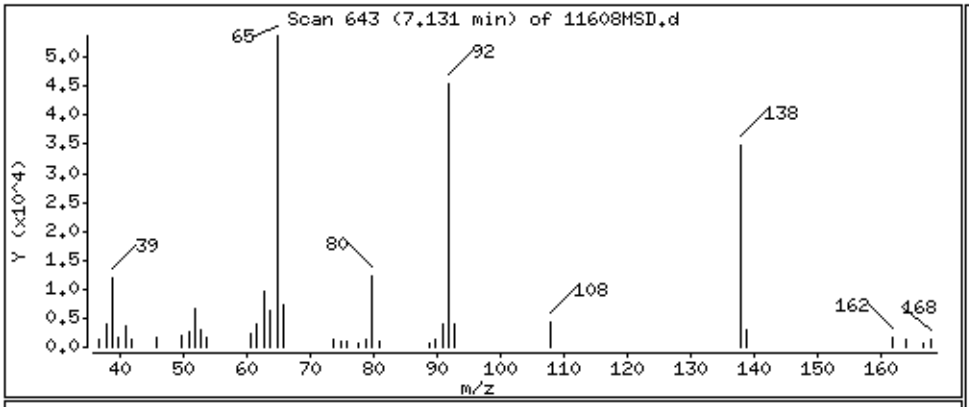
Operator: MJ

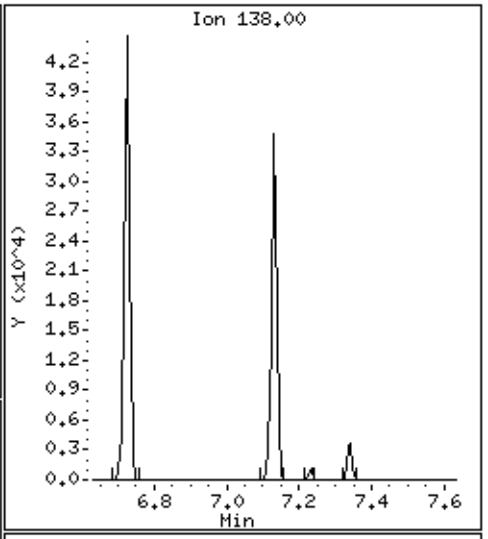
Column phase: HPMS-5

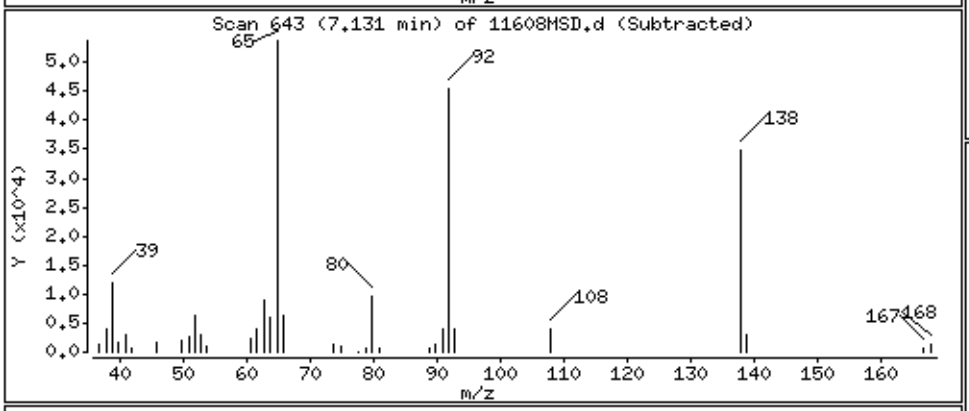
Column diameter: 0.25

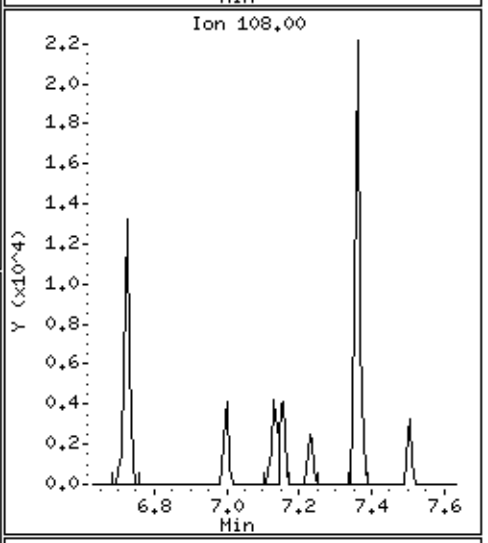
69 3-Nitroaniline

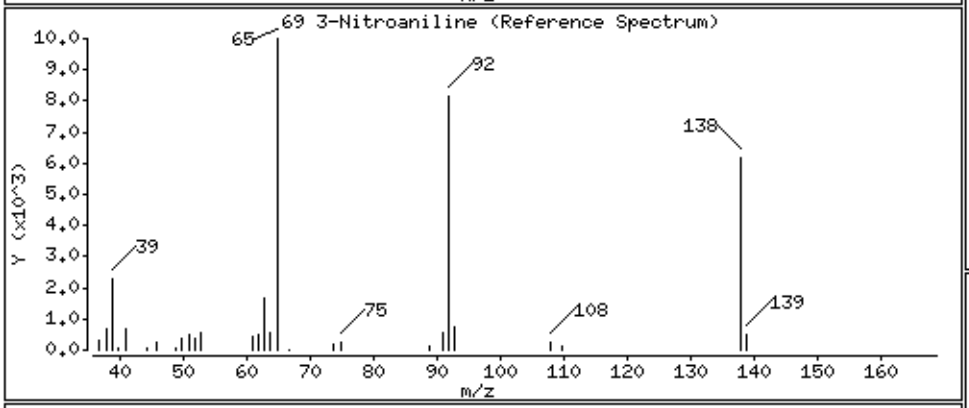
Concentration: 1720 ug/kg

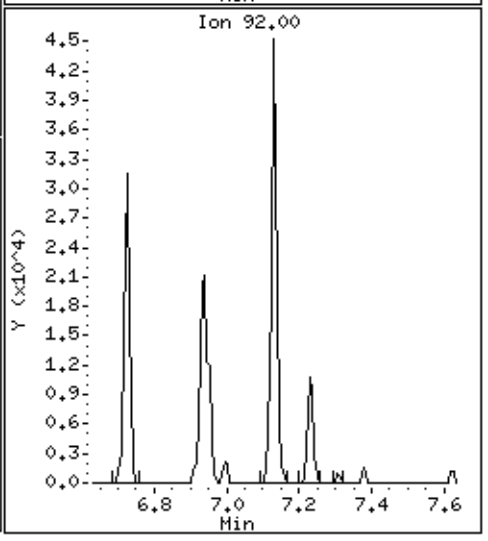


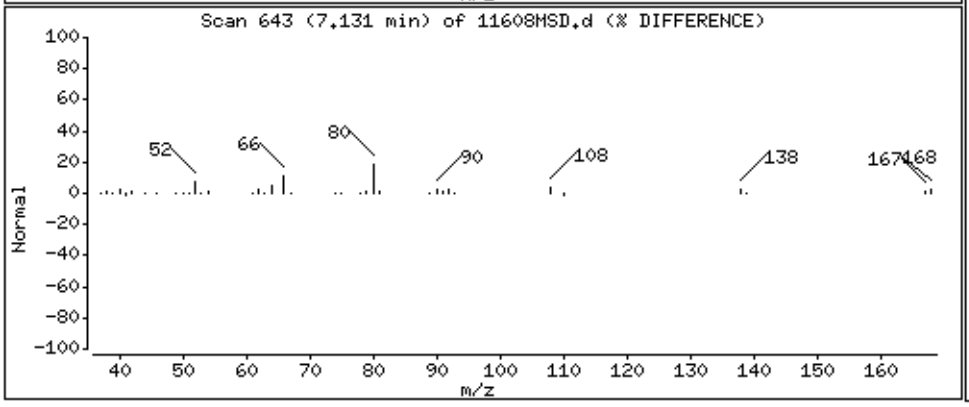












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

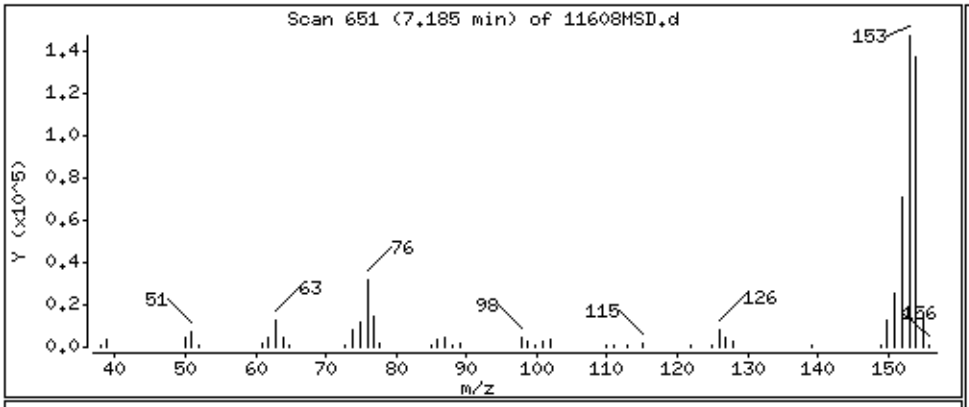
Operator: MJ

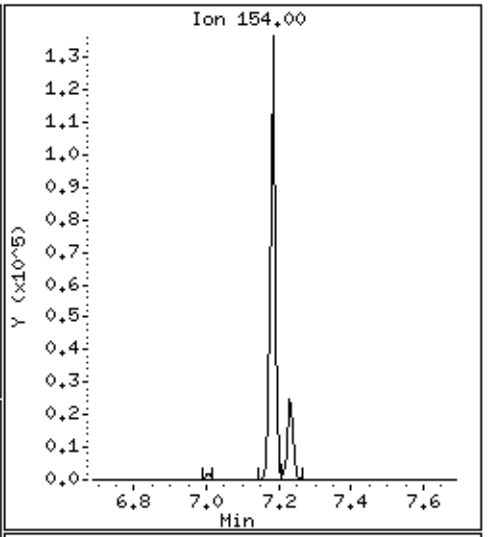
Column phase: HPMS-5

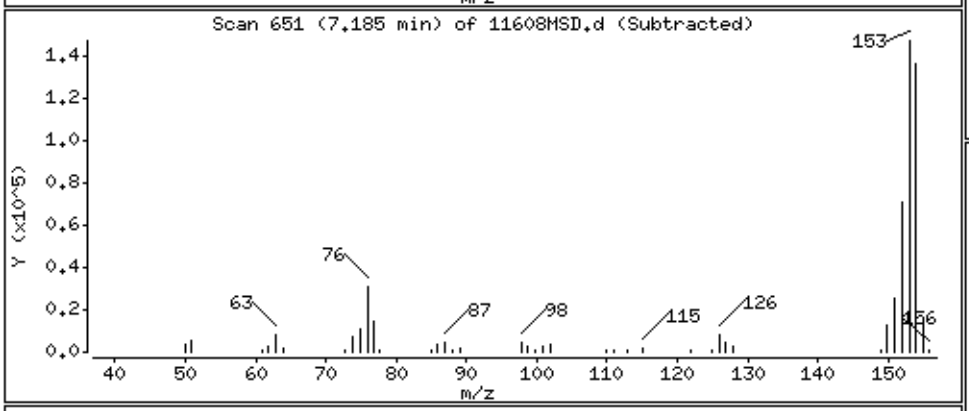
Column diameter: 0.25

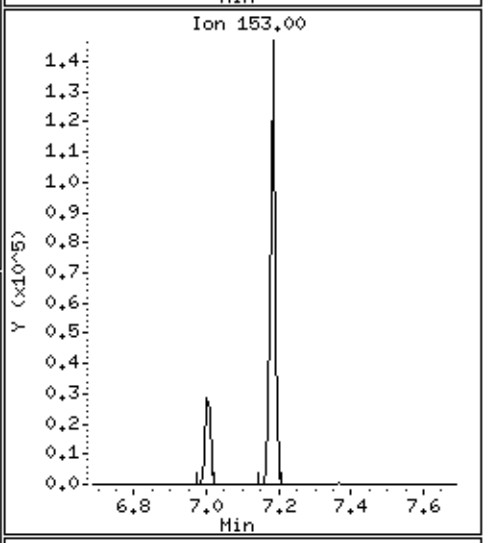
71 Acenaphthene

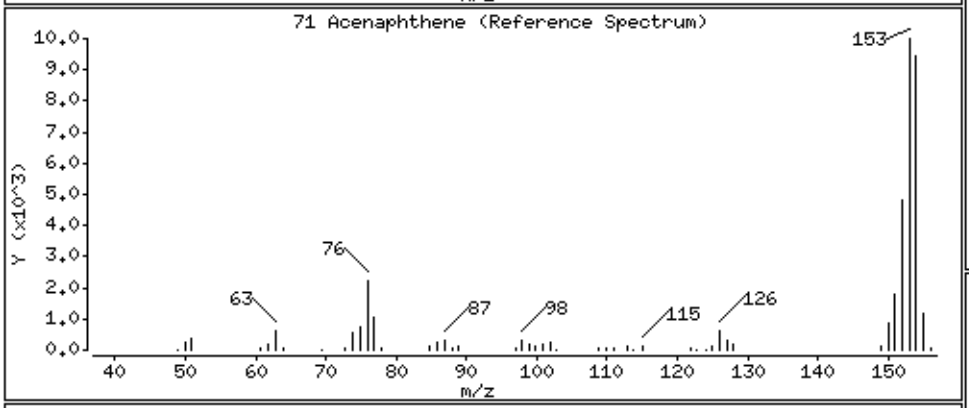
Concentration: 1710 ug/kg

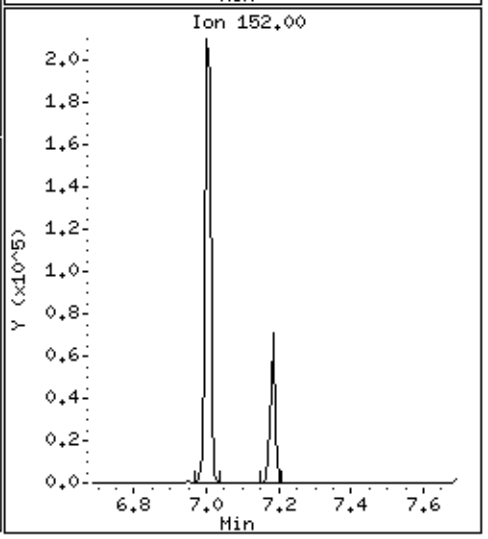


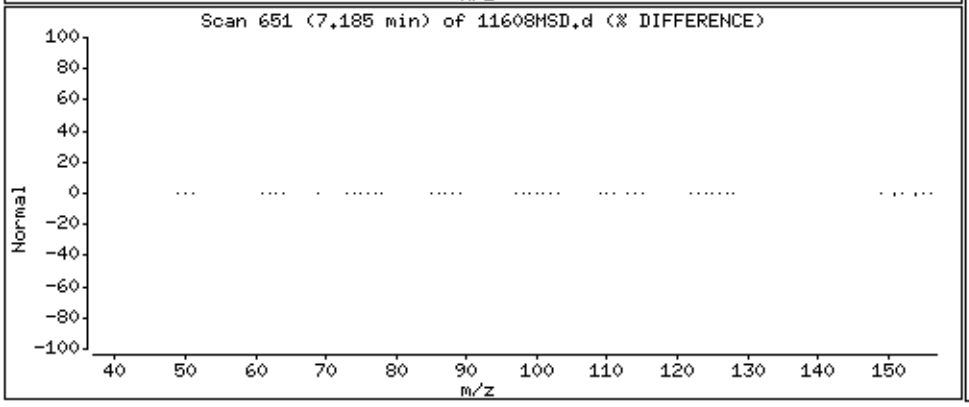












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

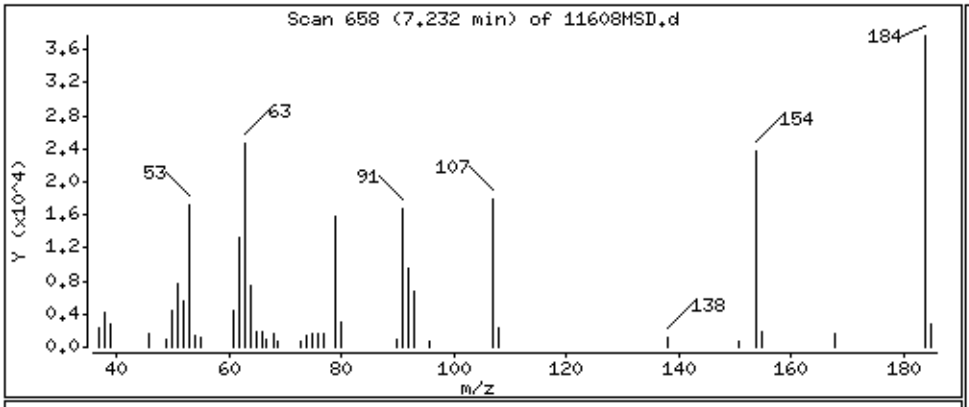
Operator: MJ

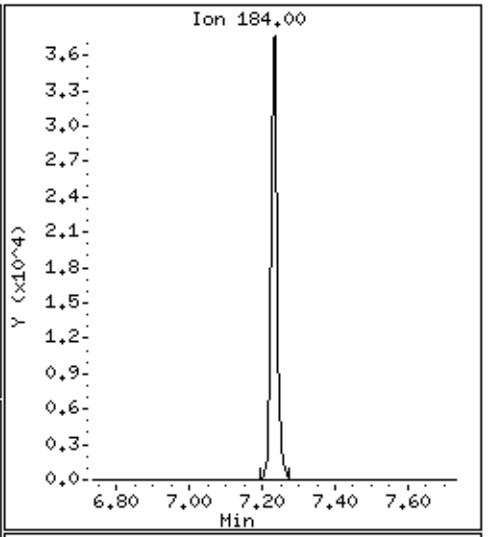
Column phase: HPMS-5

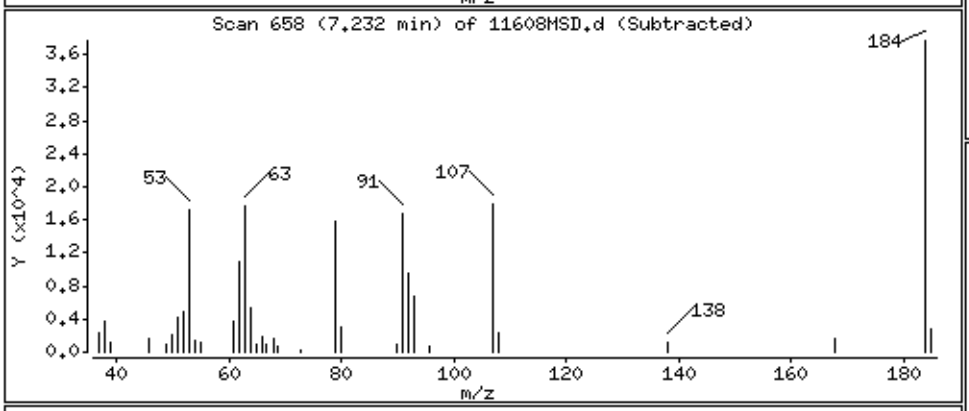
Column diameter: 0.25

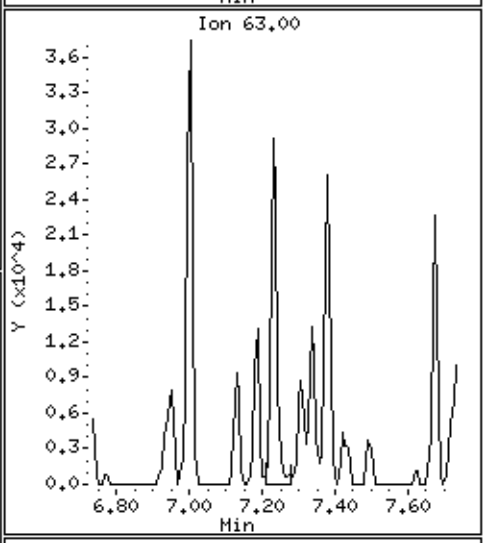
72 2,4-Dinitrophenol

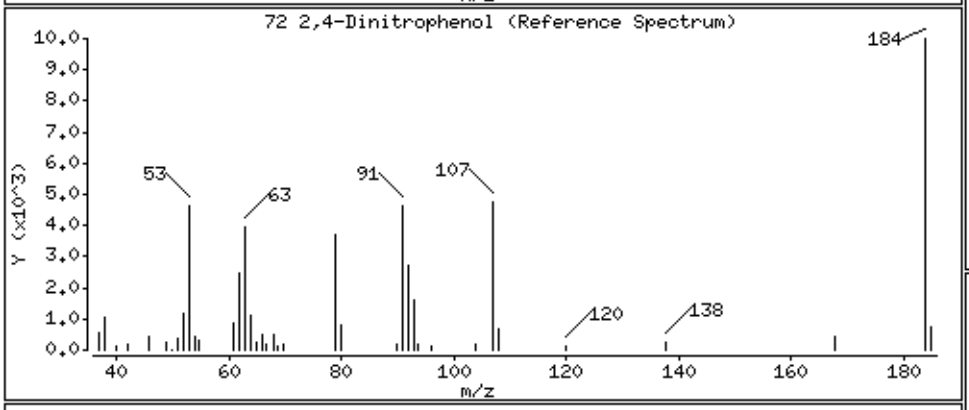
Concentration: 3240 ug/kg

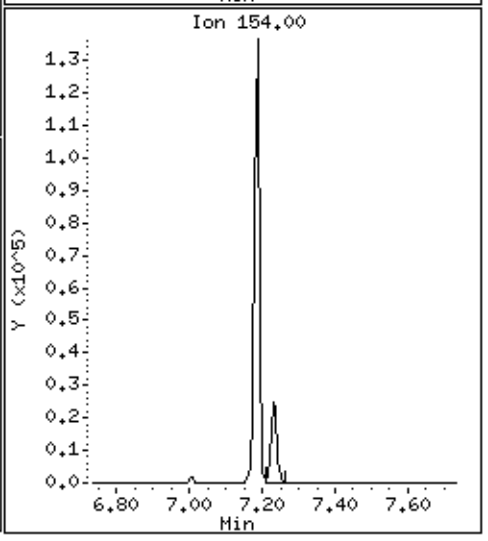


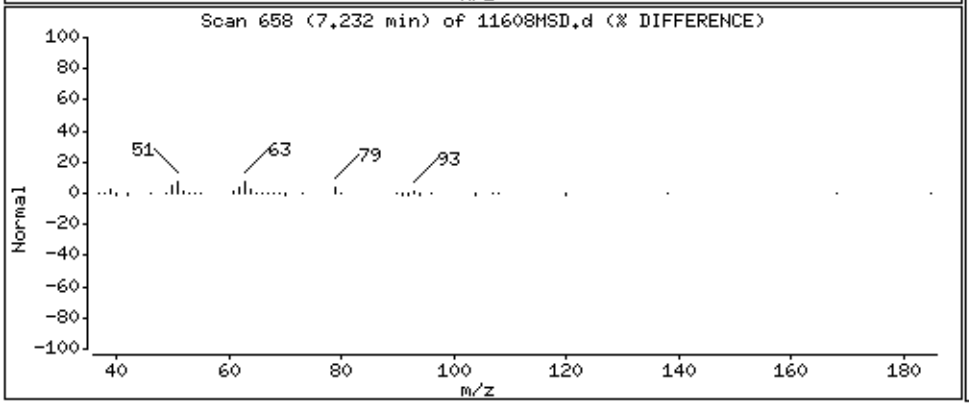












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

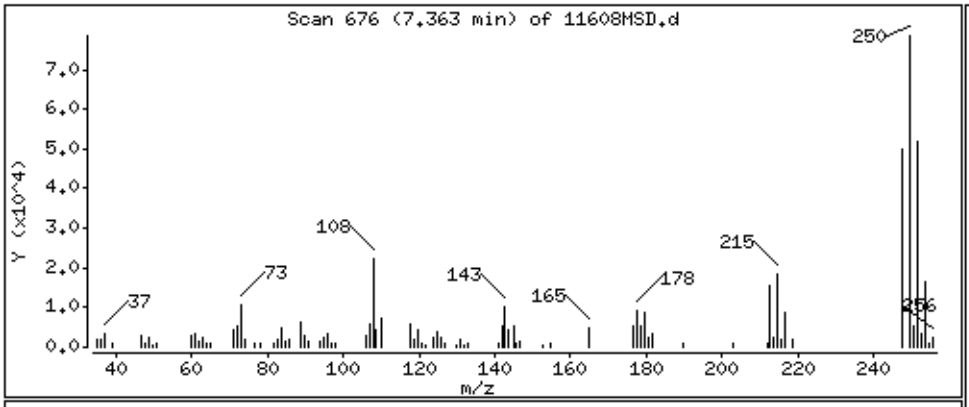
Operator: MJ

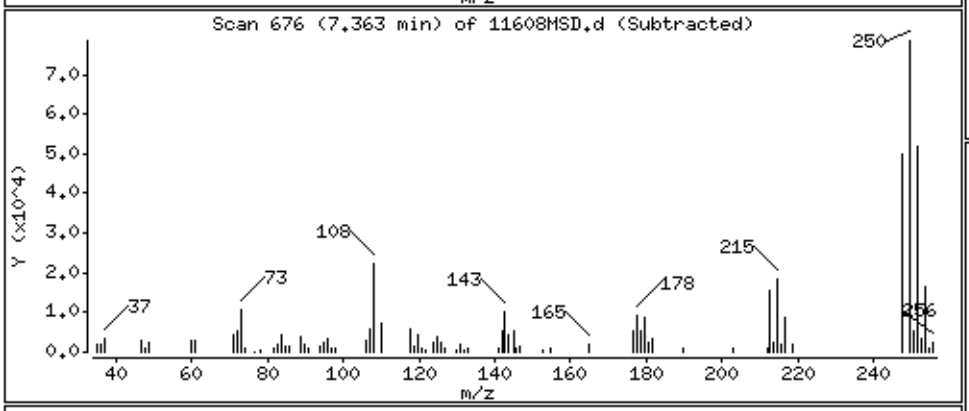
Column phase: HPMS-5

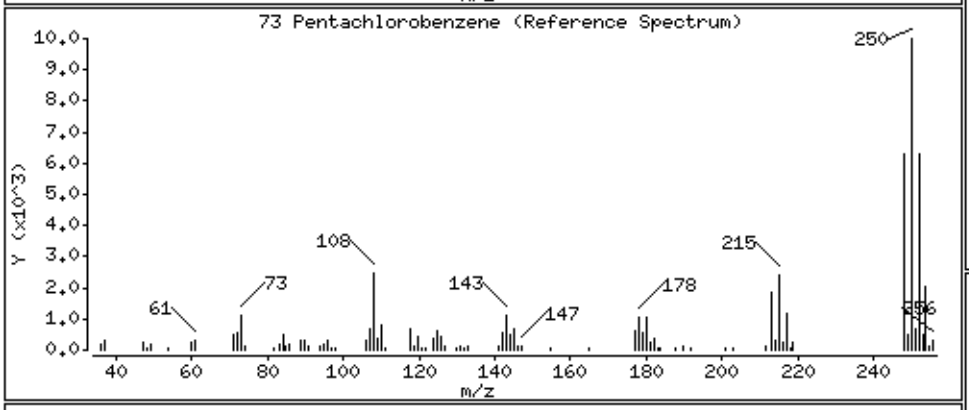
Column diameter: 0.25

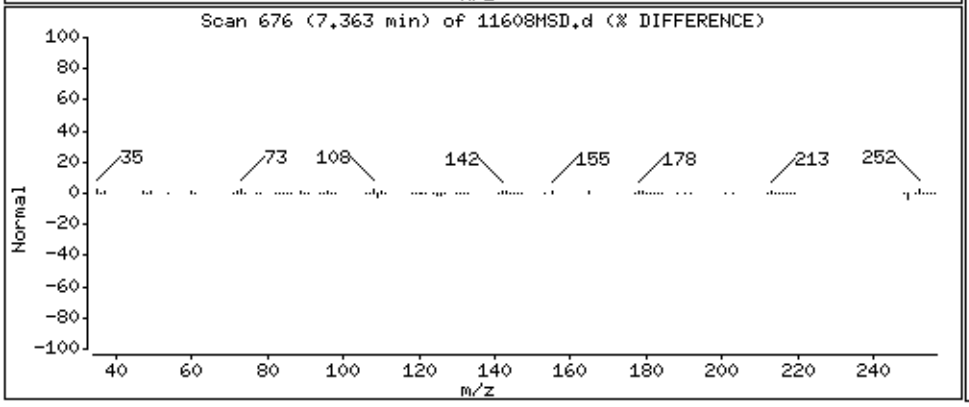
73 Pentachlorobenzene

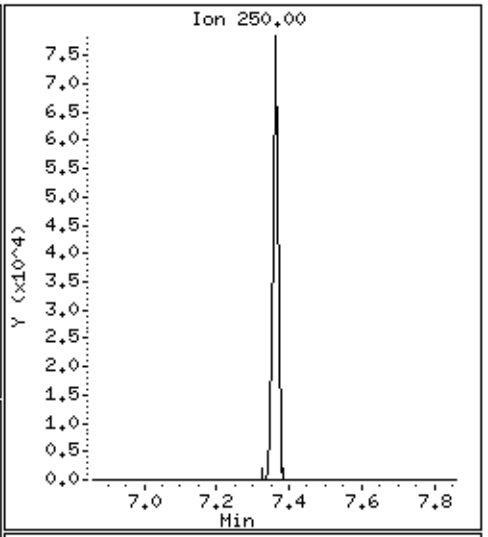
Concentration: 1630 ug/kg

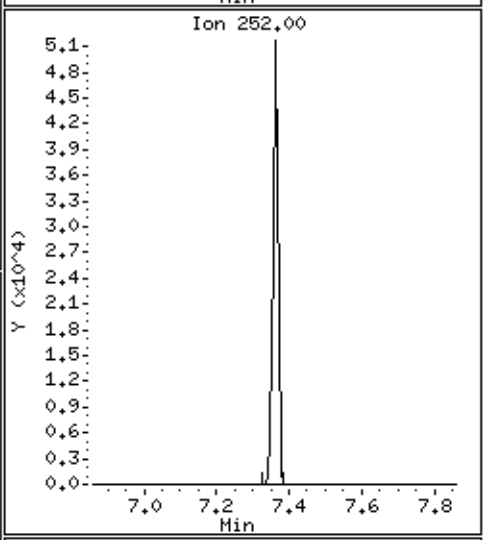


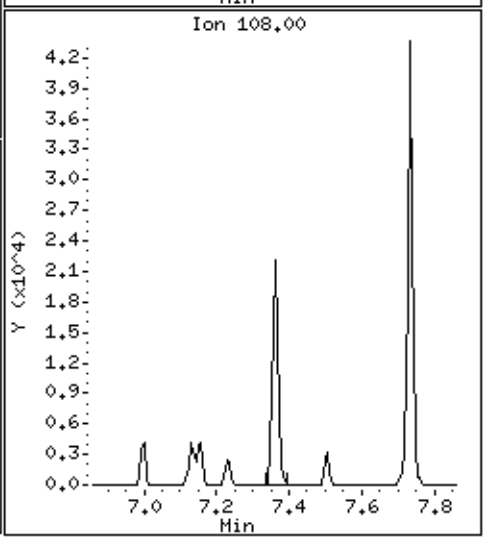












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

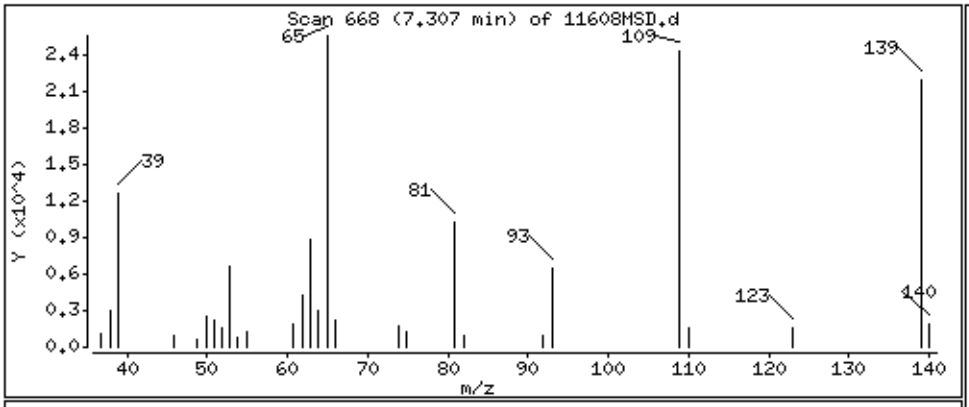
Operator: MJ

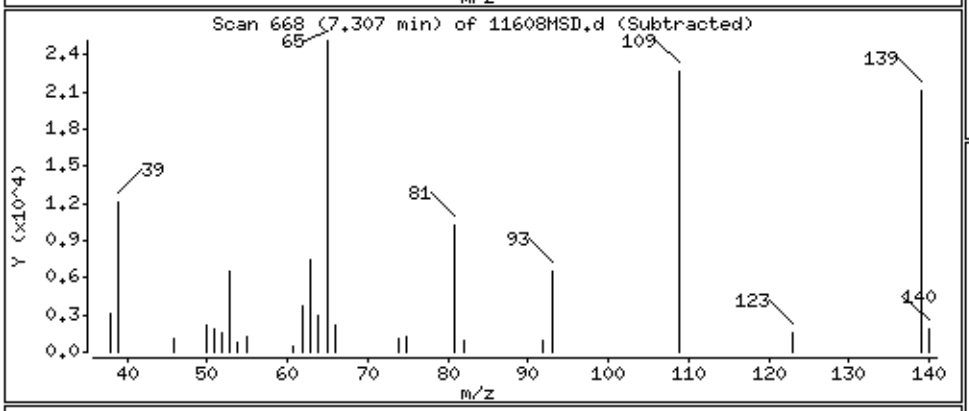
Column phase: HPMS-5

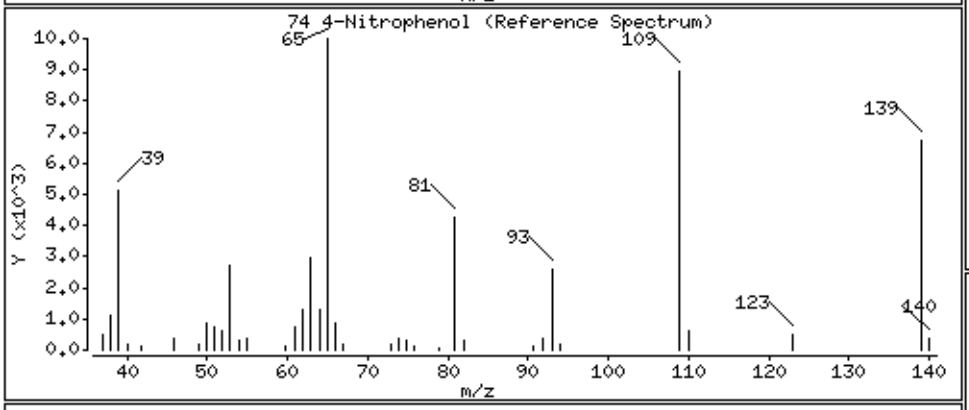
Column diameter: 0.25

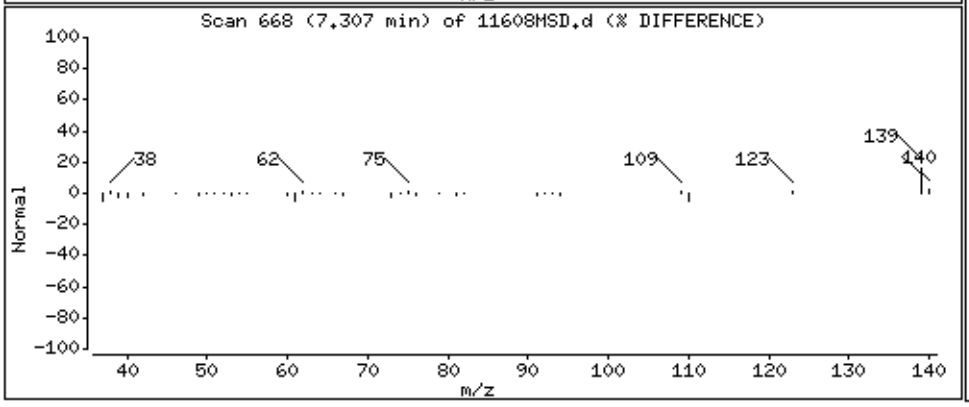
74 4-Nitrophenol

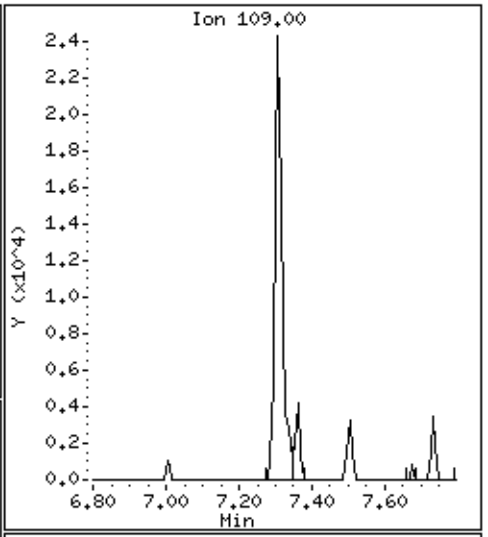
Concentration: 1920 ug/kg

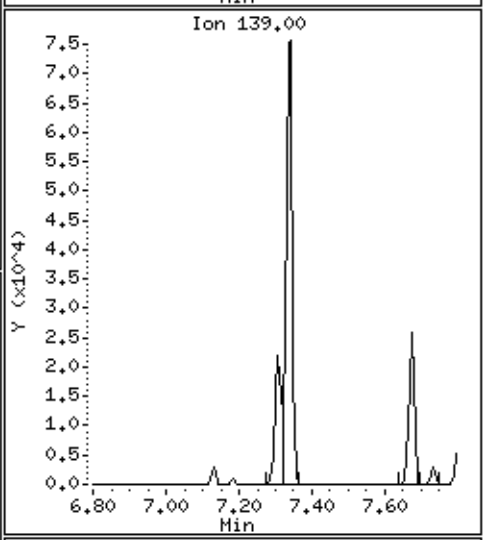


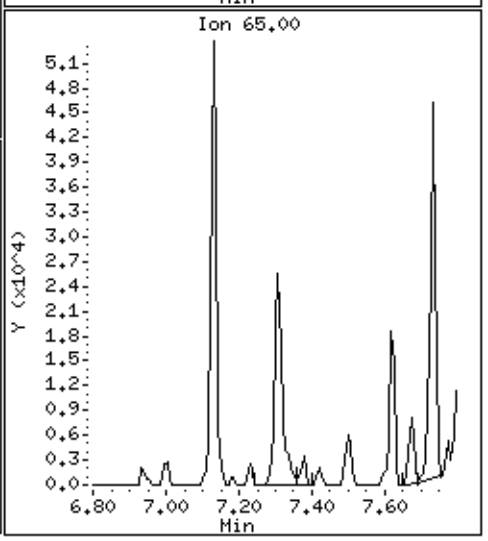












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

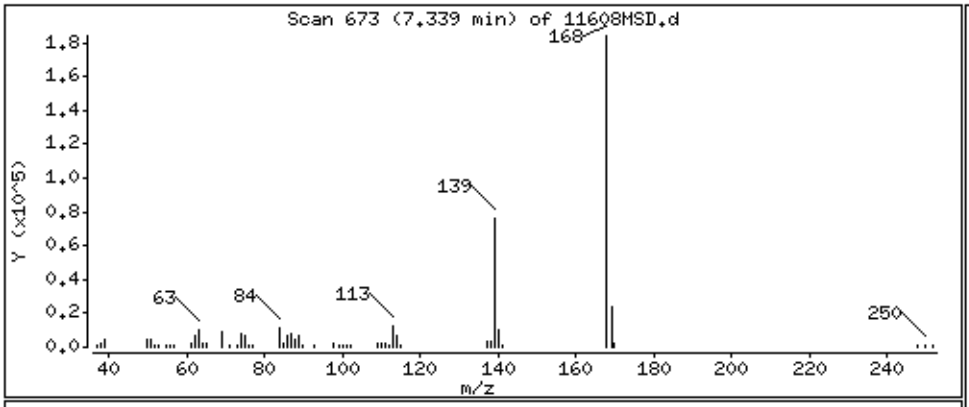
Operator: MJ

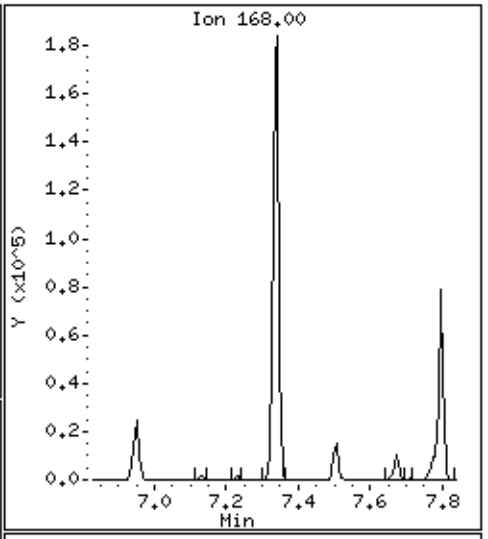
Column phase: HPMS-5

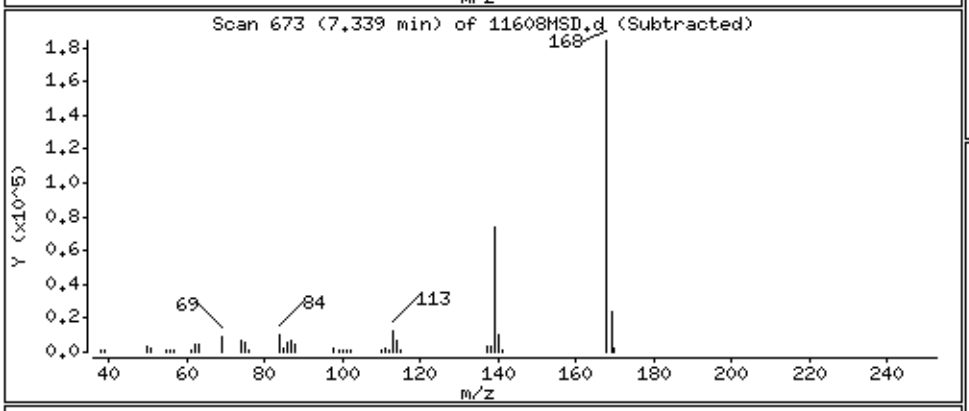
Column diameter: 0.25

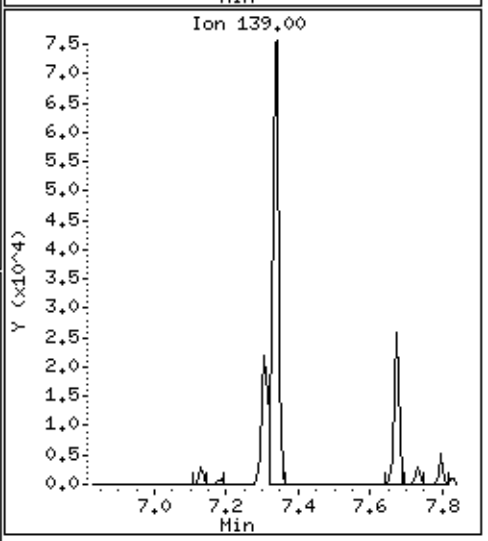
75 Dibenzofuran

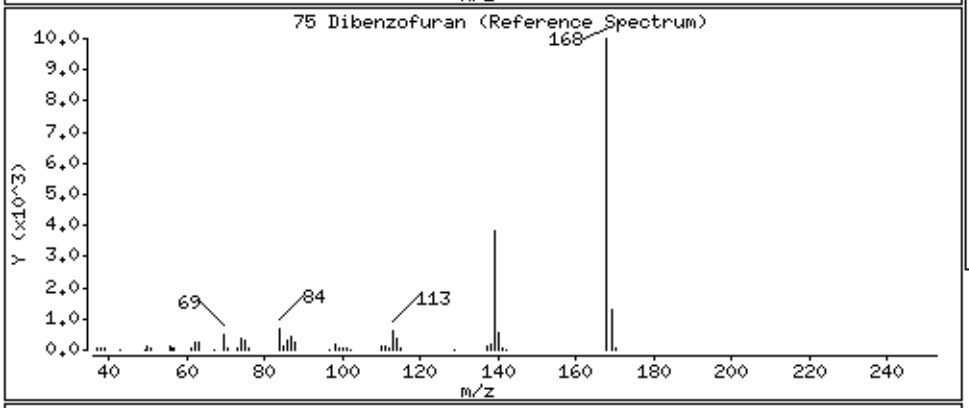
Concentration: 1750 ug/kg

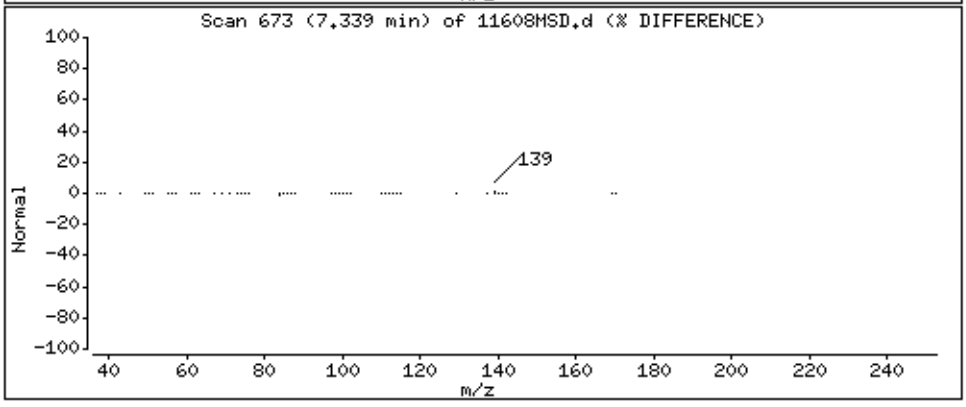












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

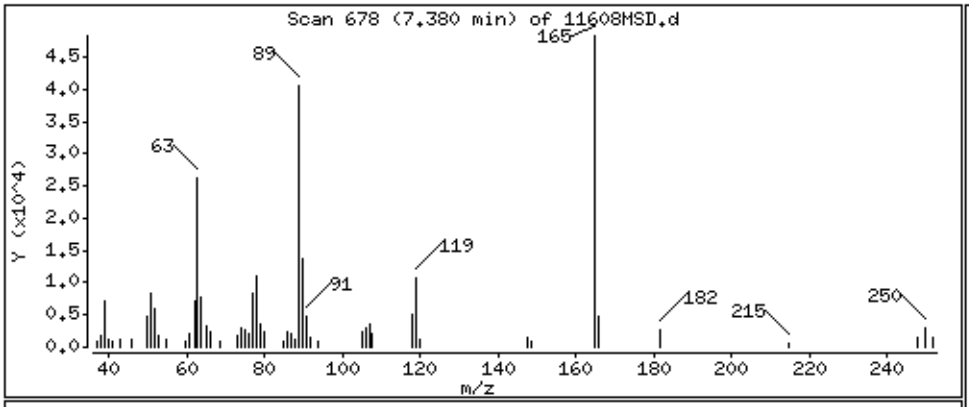
Operator: MJ

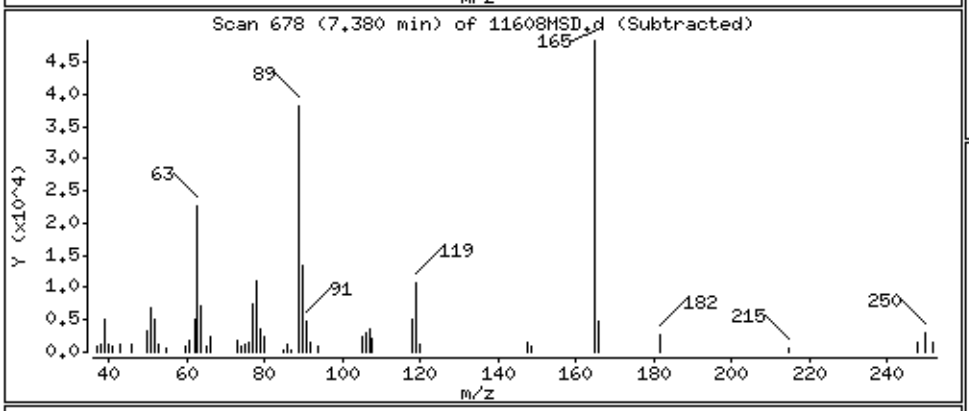
Column phase: HPMS-5

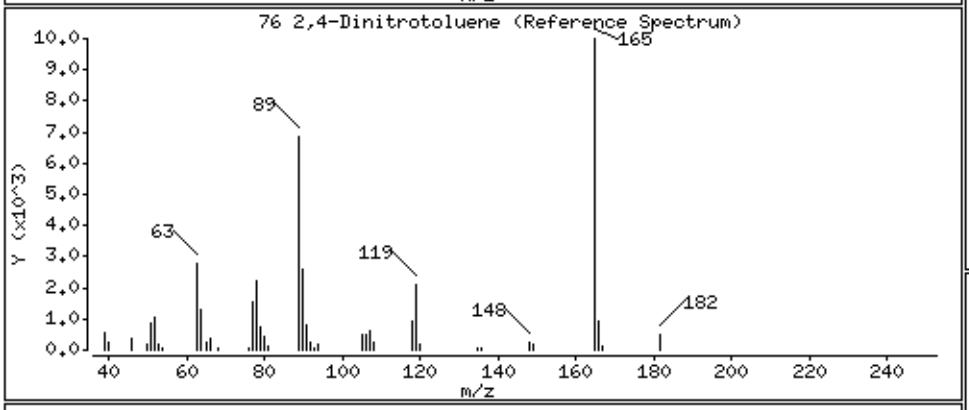
Column diameter: 0.25

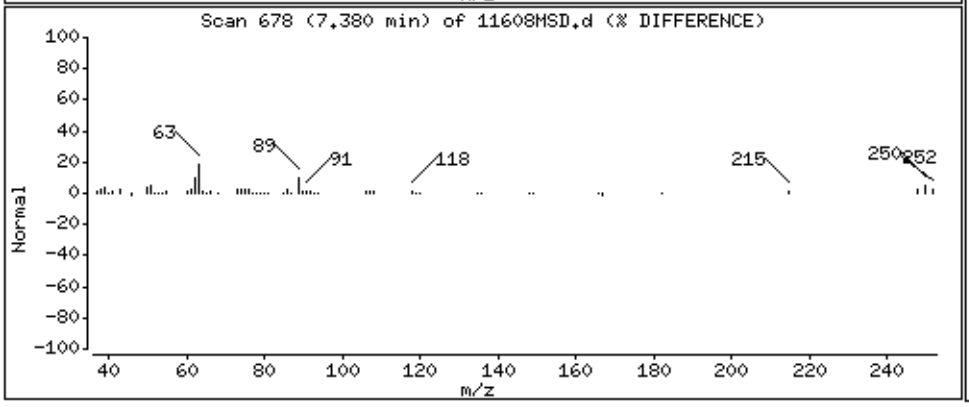
76 2,4-Dinitrotoluene

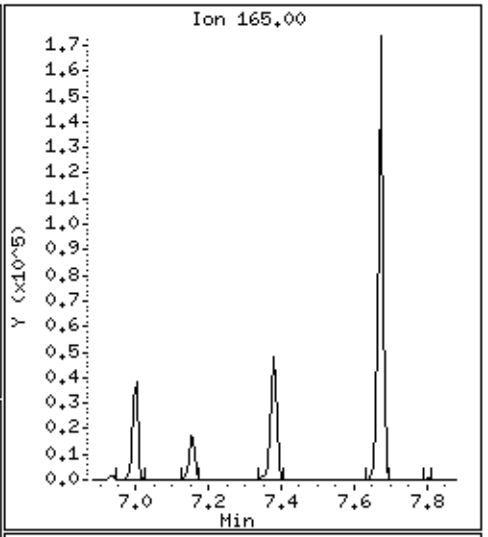
Concentration: 1820 ug/kg

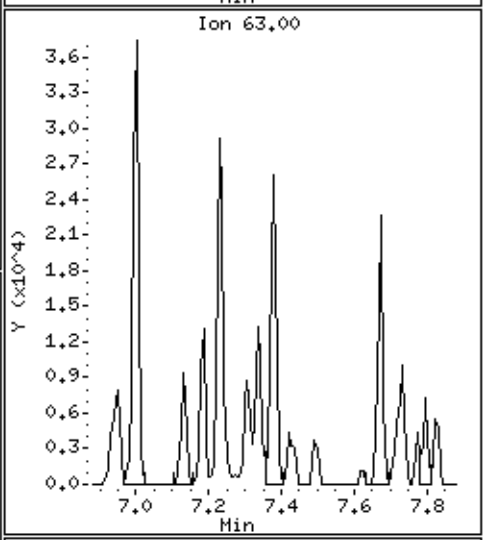


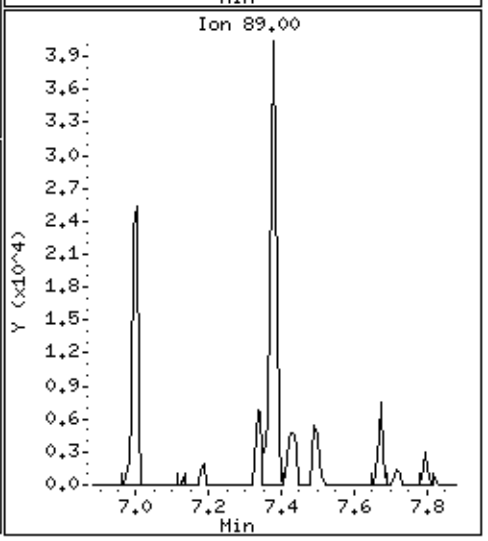












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

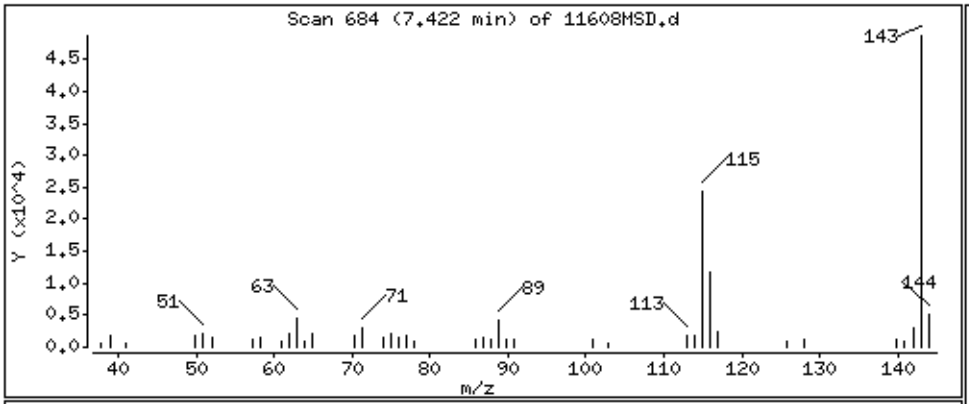
Operator: MJ

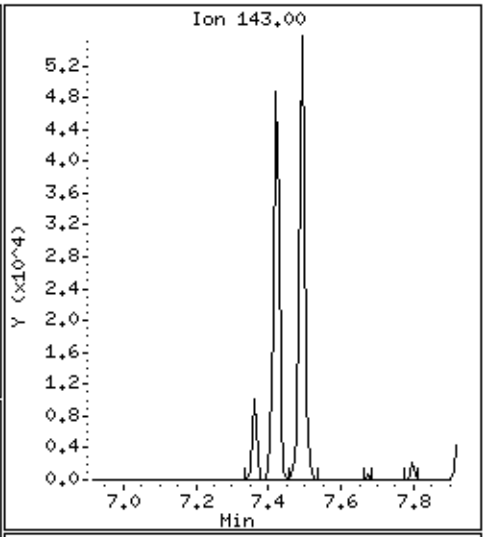
Column phase: HPMS-5

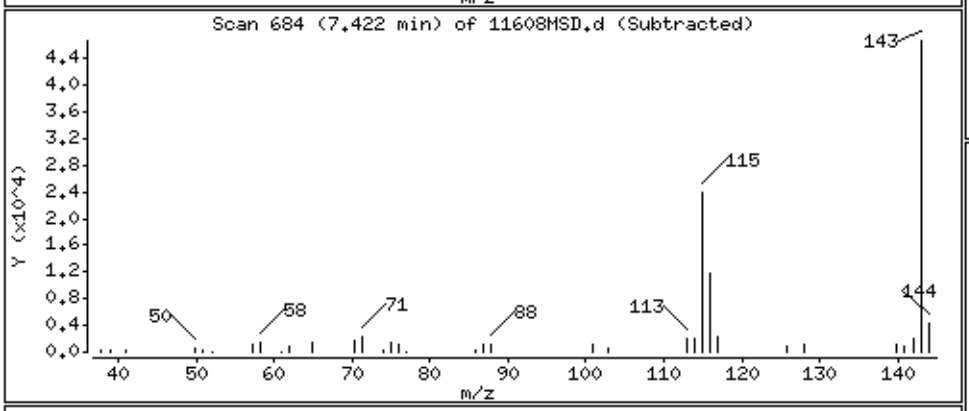
Column diameter: 0.25

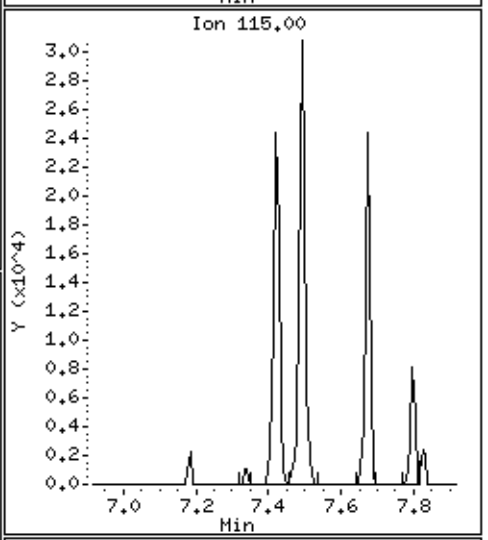
77 1-Naphthylamine

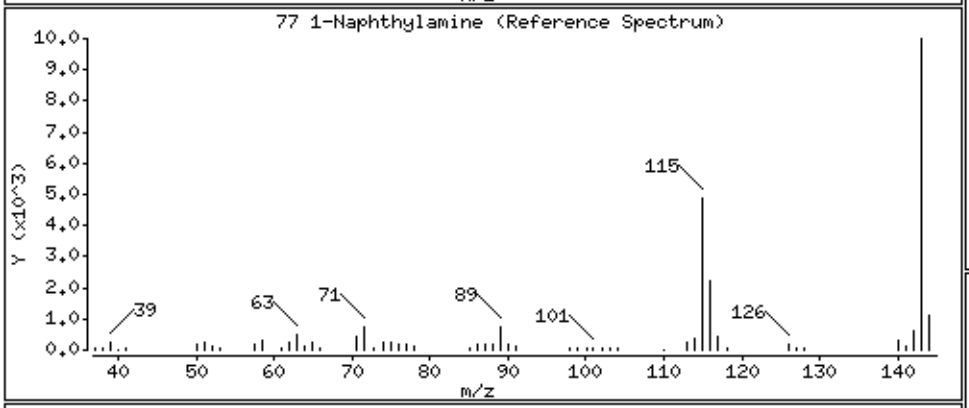
Concentration: 655 ug/kg

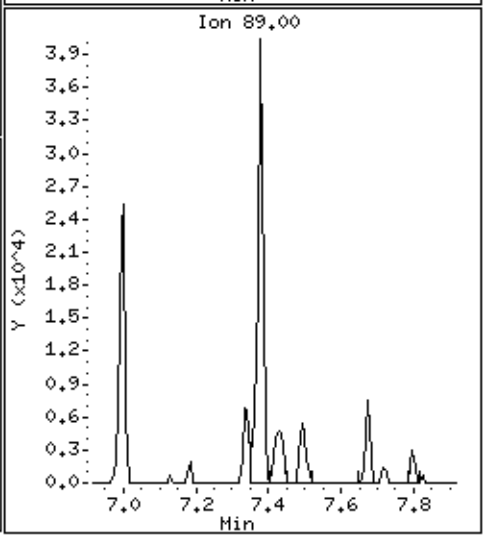


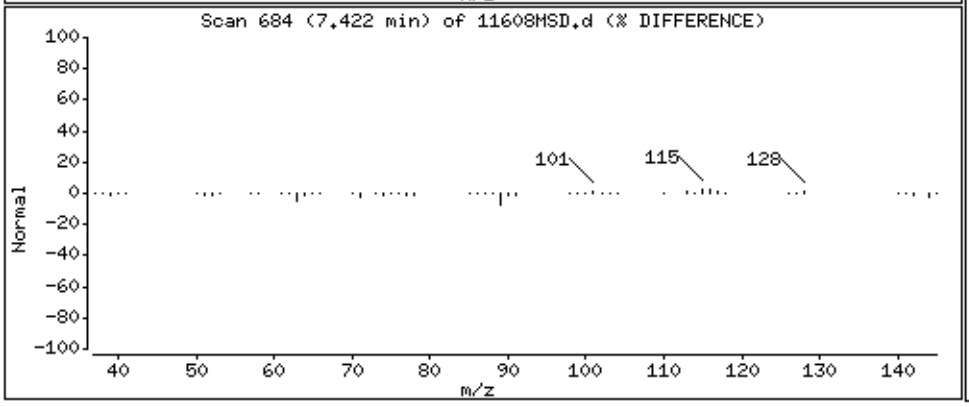












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

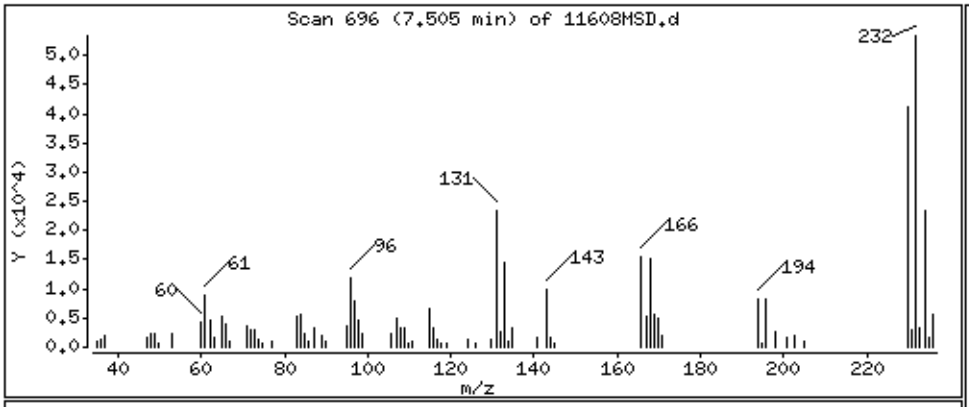
Operator: MJ

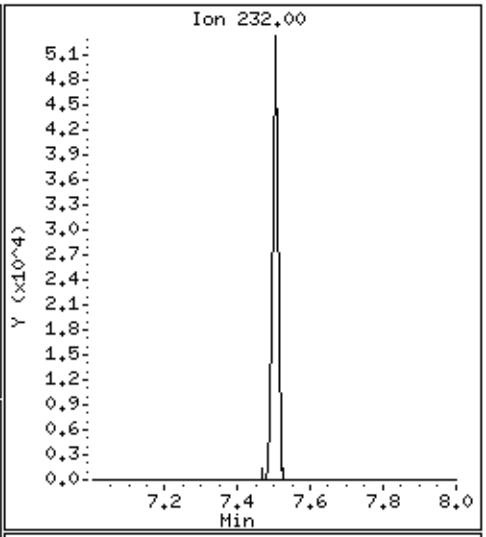
Column phase: HPMS-5

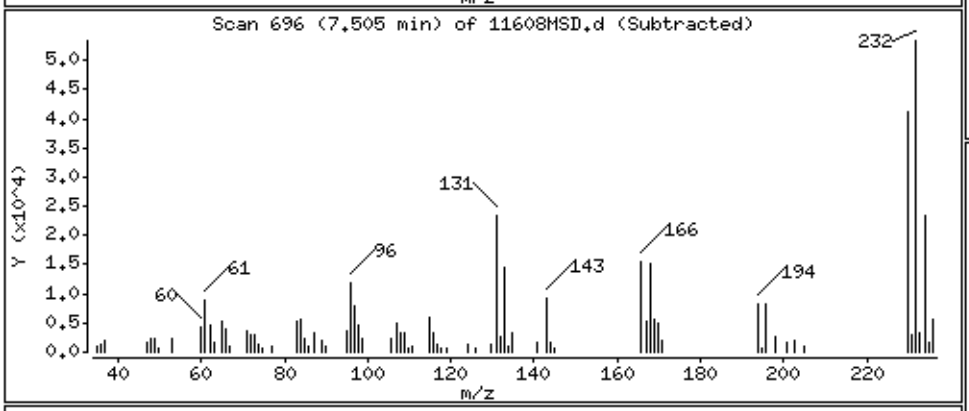
Column diameter: 0.25

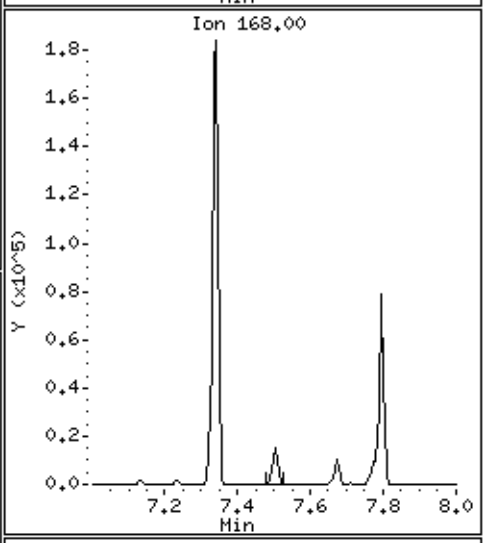
78 2,3,4,6-Tetrachlorophenol

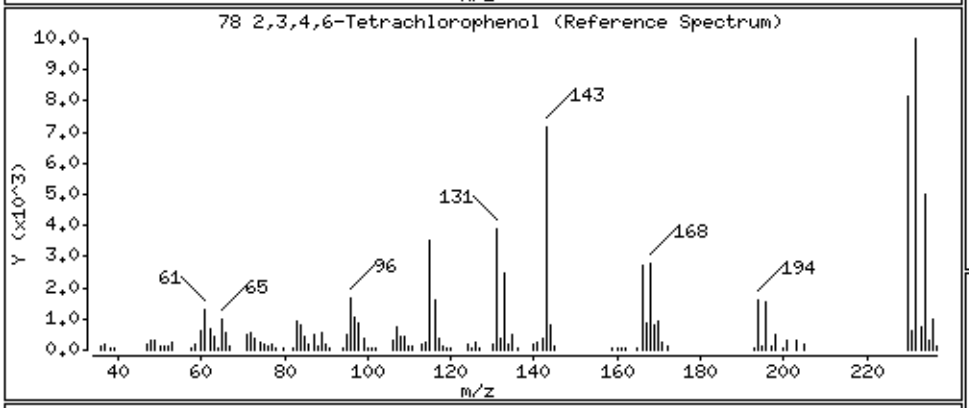
Concentration: 2060 ug/kg

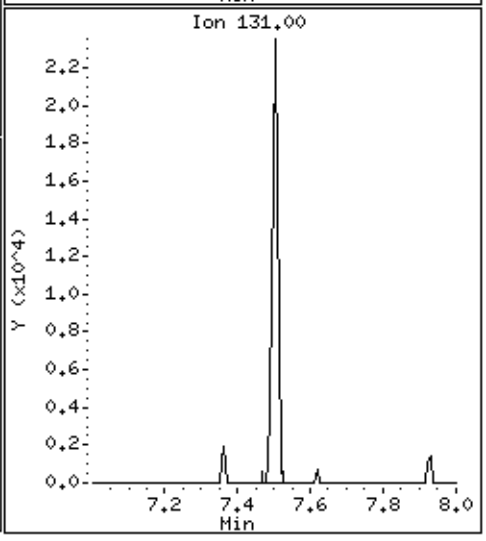


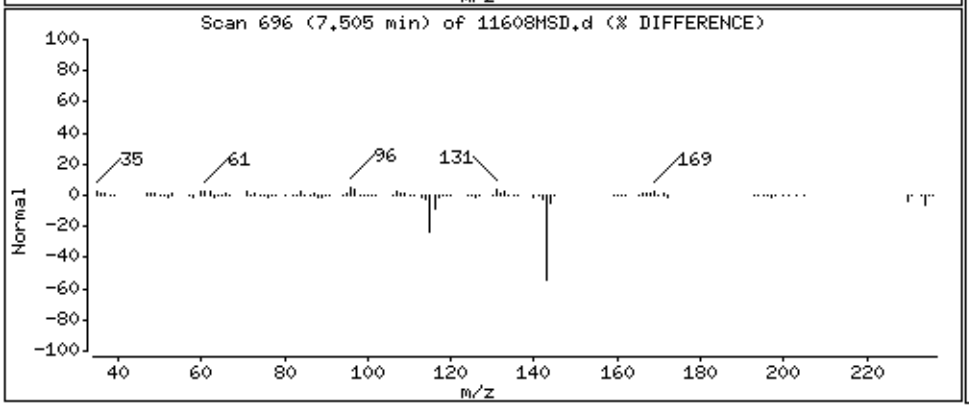












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

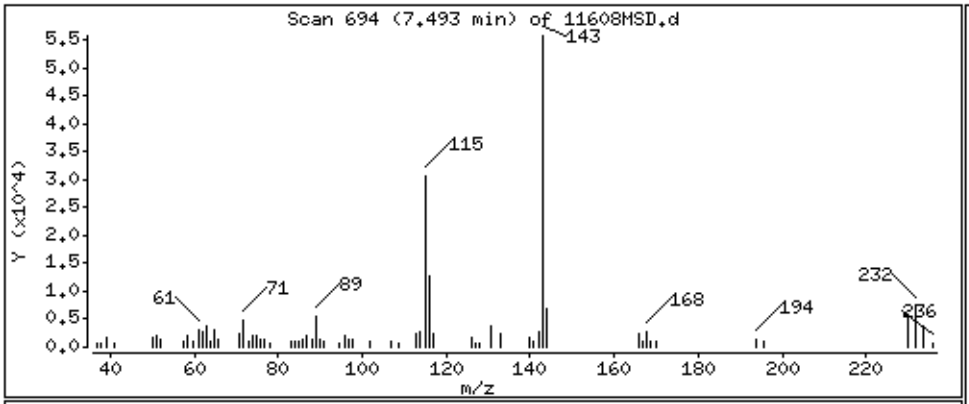
Operator: MJ

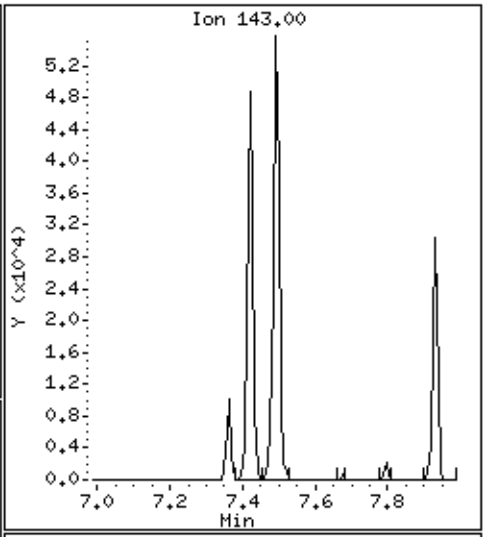
Column phase: HPMS-5

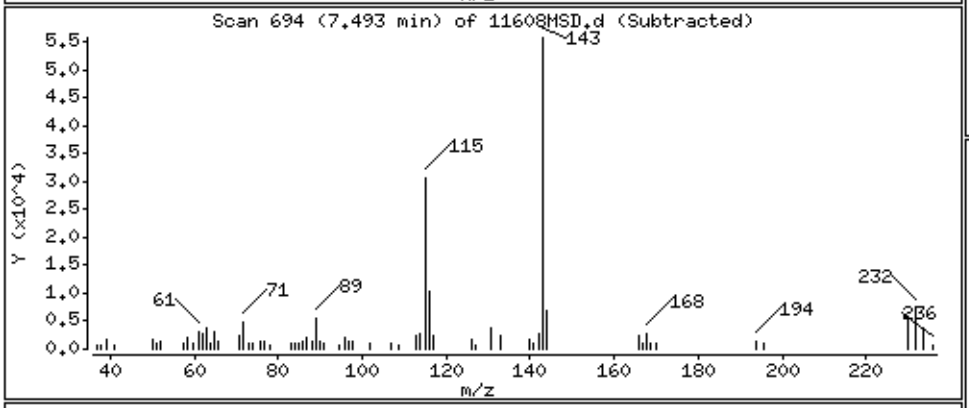
Column diameter: 0.25

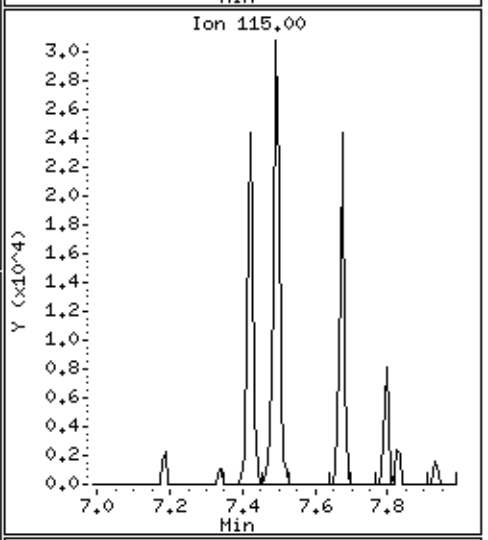
79 2-Naphthylamine

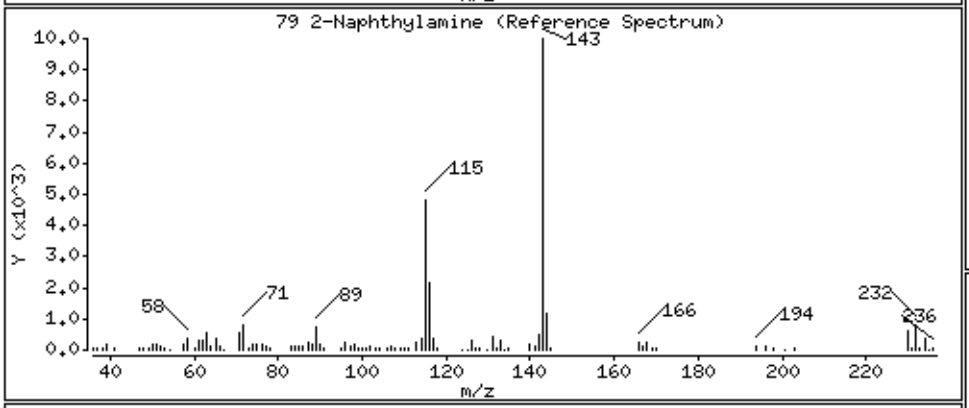
Concentration: 684 ug/kg

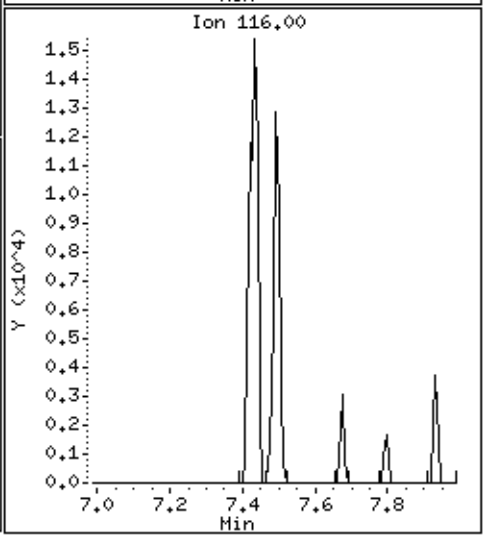


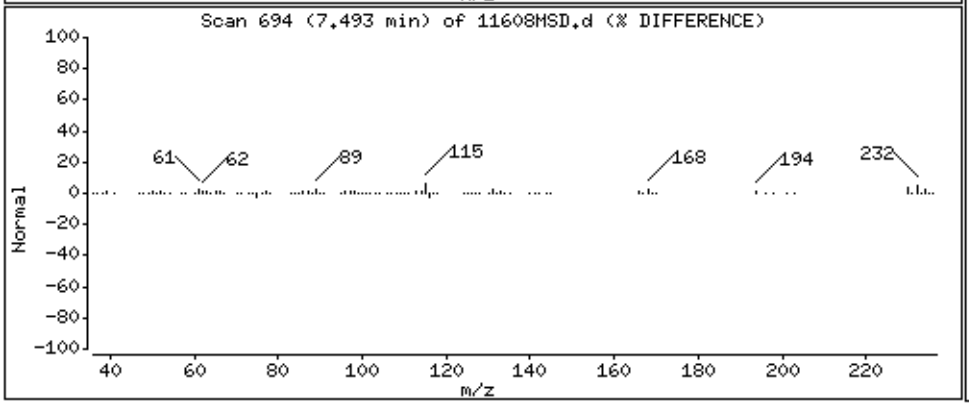












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

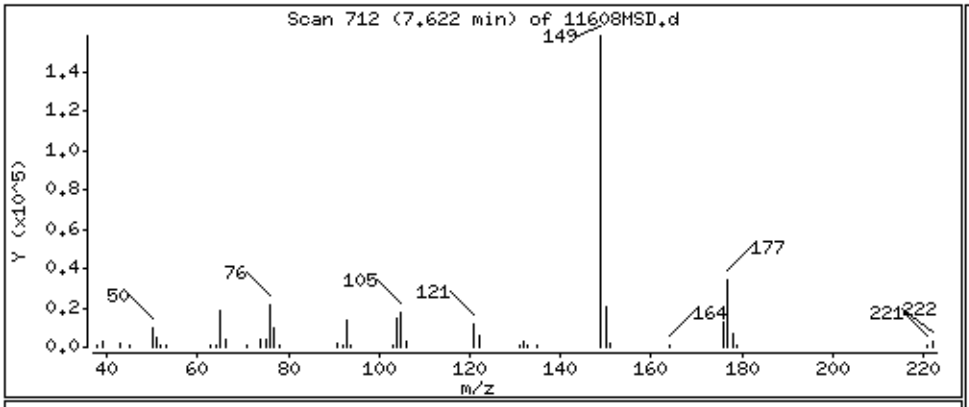
Operator: MJ

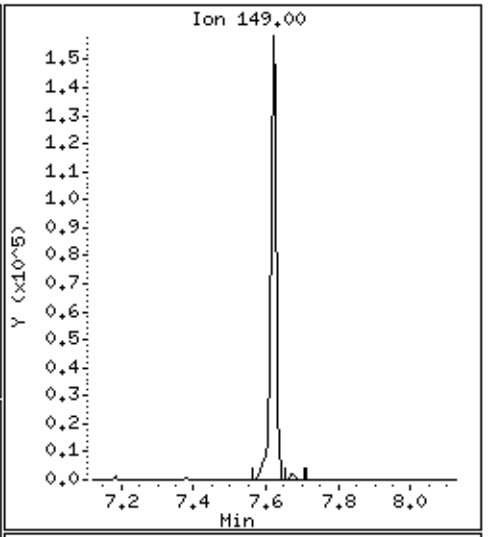
Column phase: HPMS-5

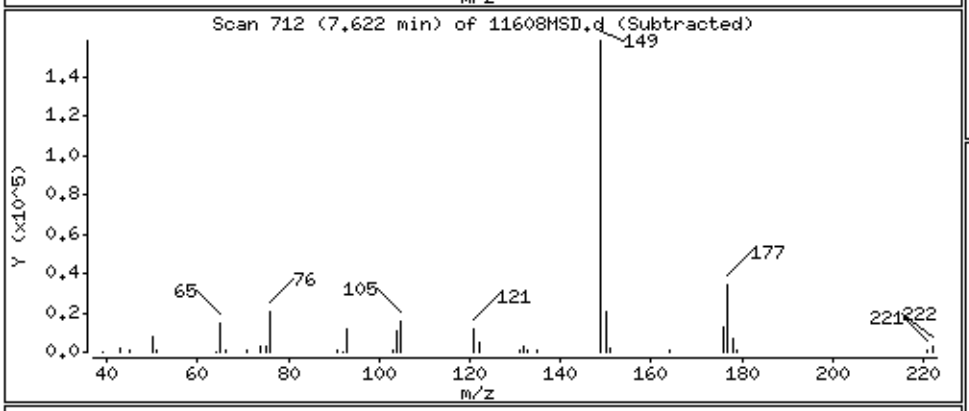
Column diameter: 0.25

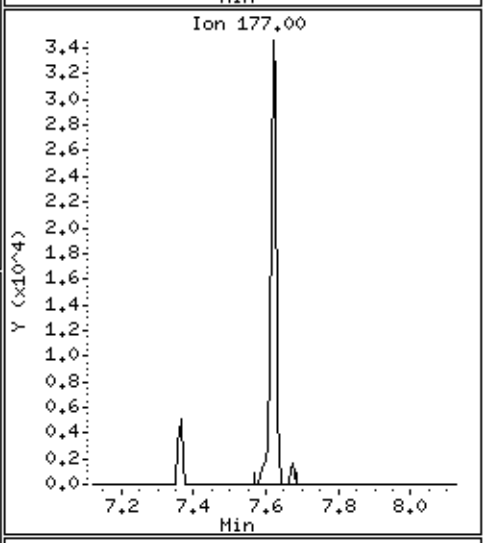
80 Diethylphthalate

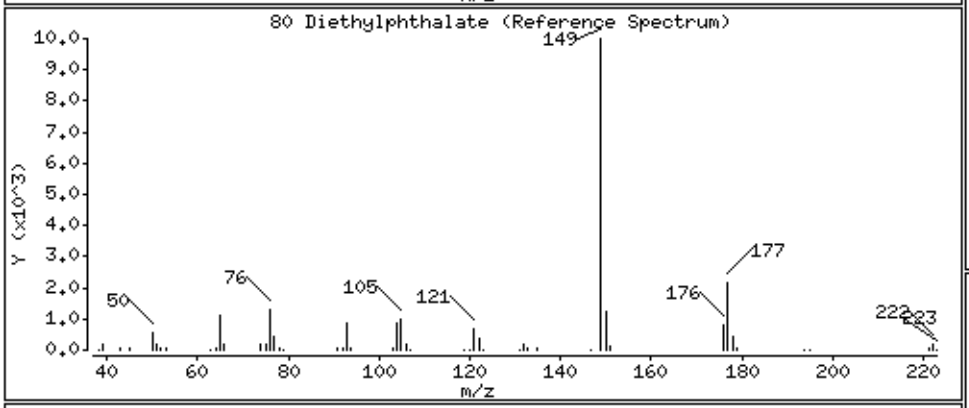
Concentration: 1760 ug/kg

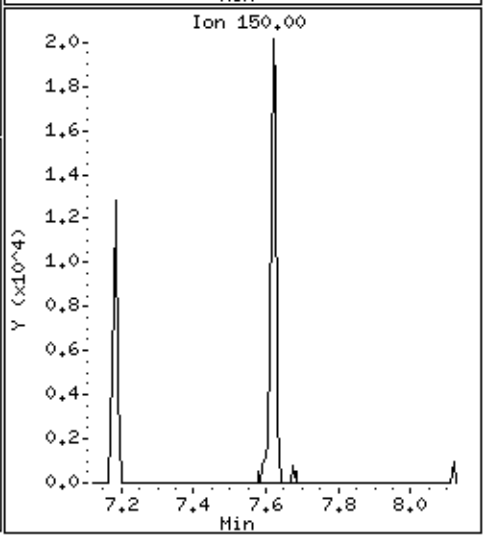


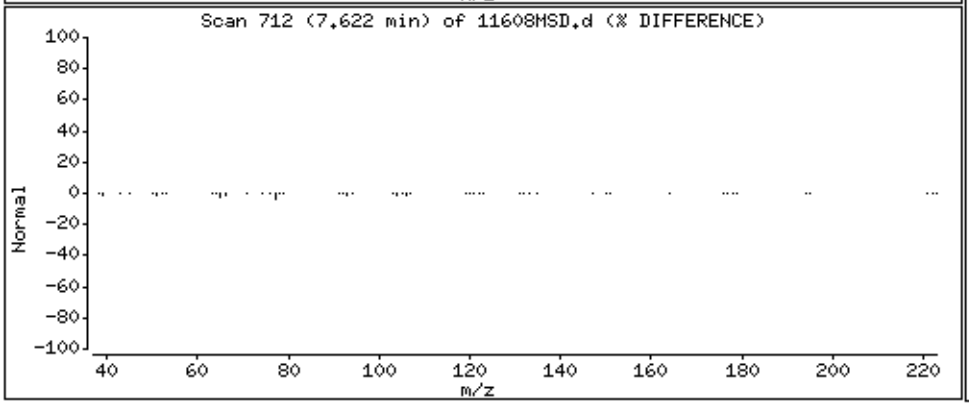












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

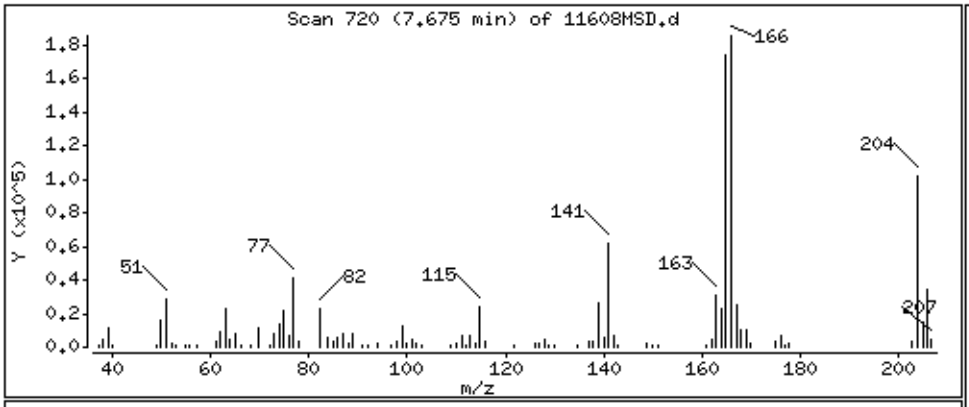
Operator: MJ

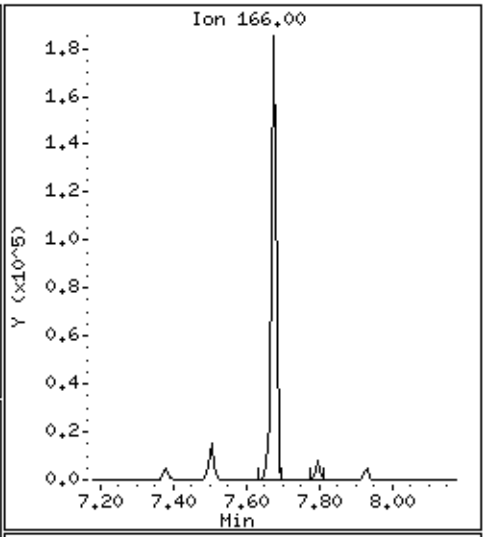
Column phase: HPMS-5

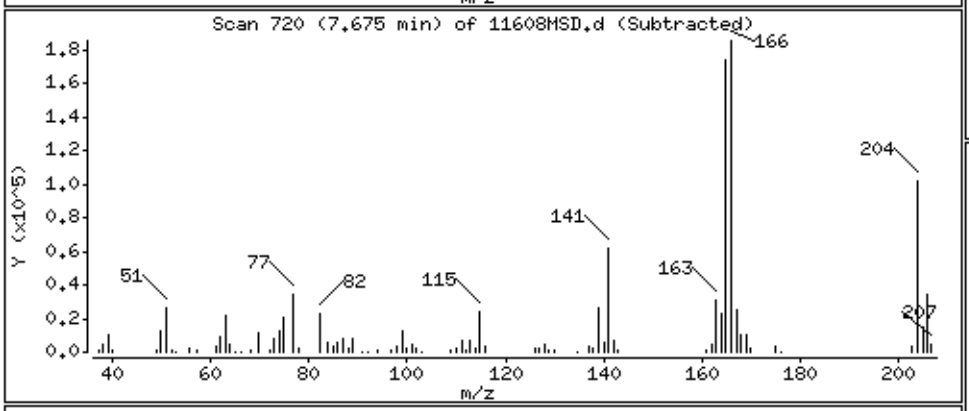
Column diameter: 0.25

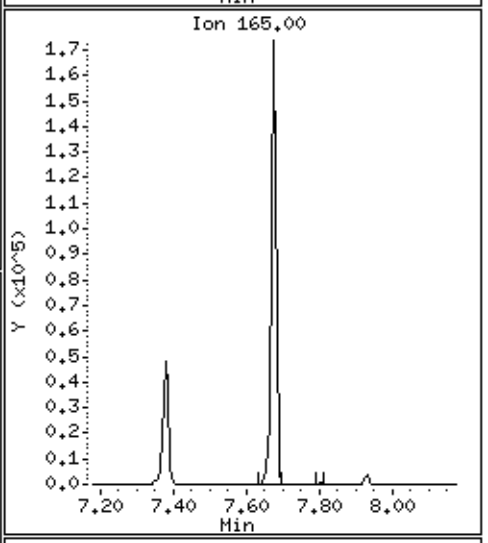
81 Fluorene

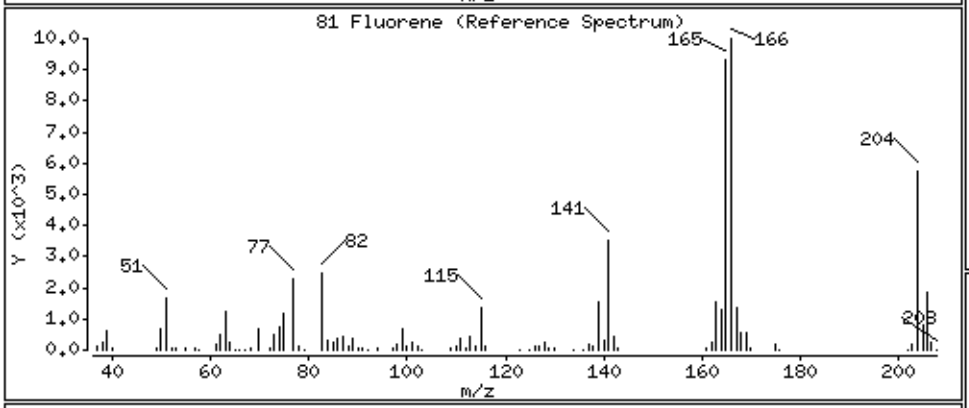
Concentration: 1690 ug/kg

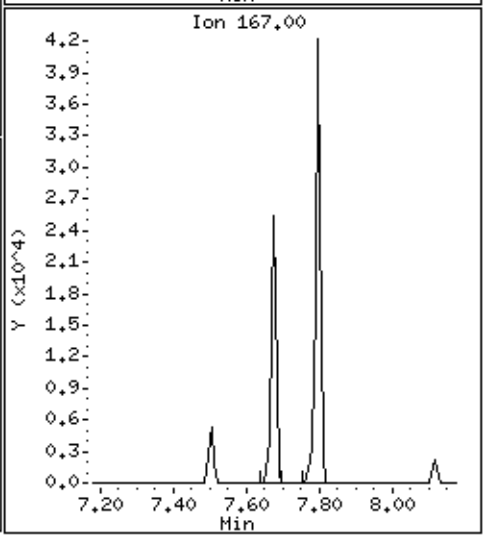


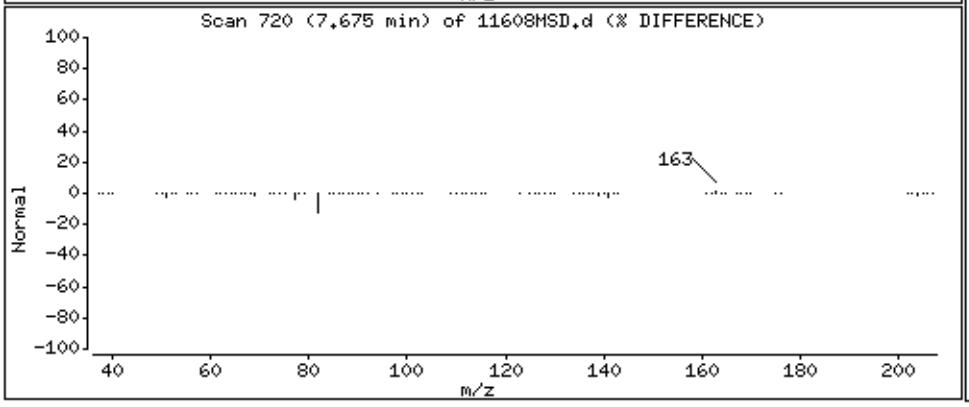












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

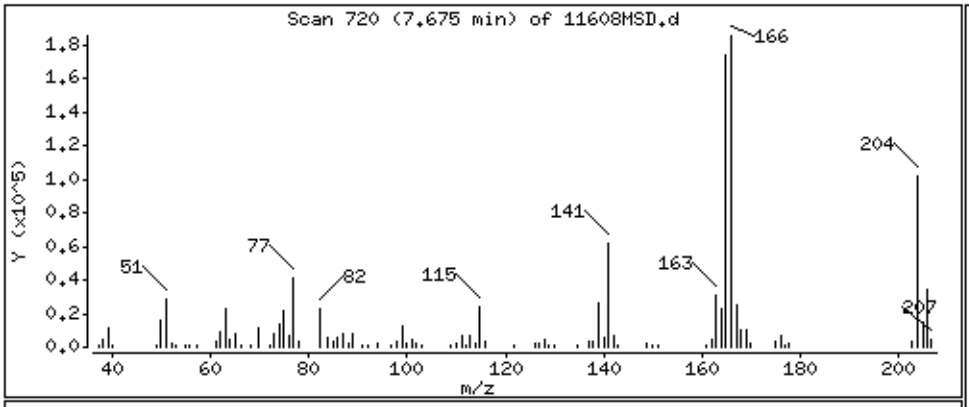
Operator: MJ

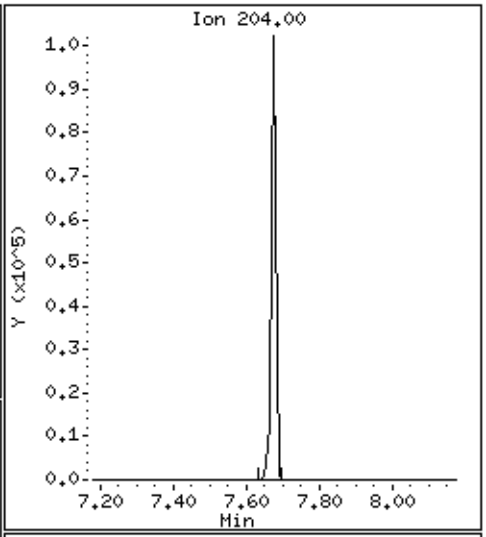
Column phase: HPMS-5

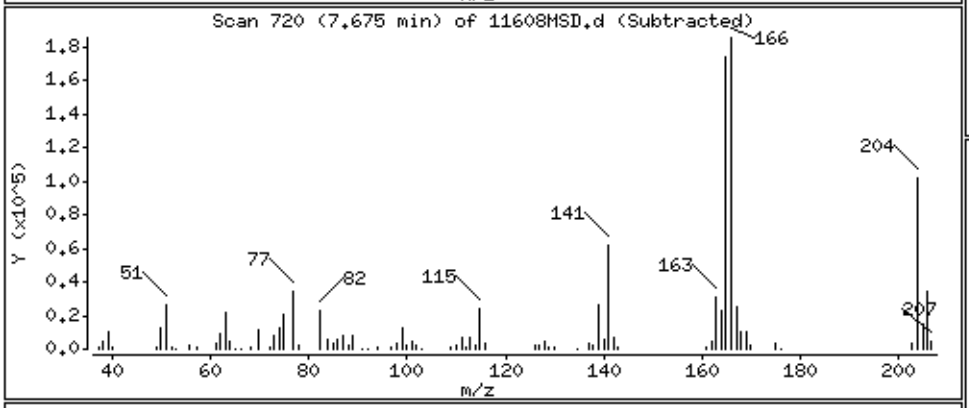
Column diameter: 0.25

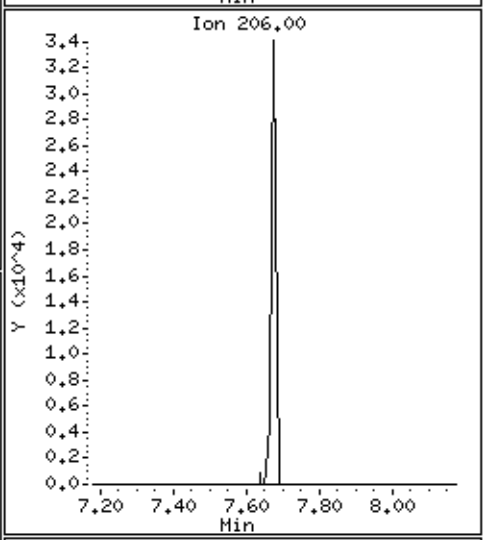
82 4-Chlorophenyl-phenylether

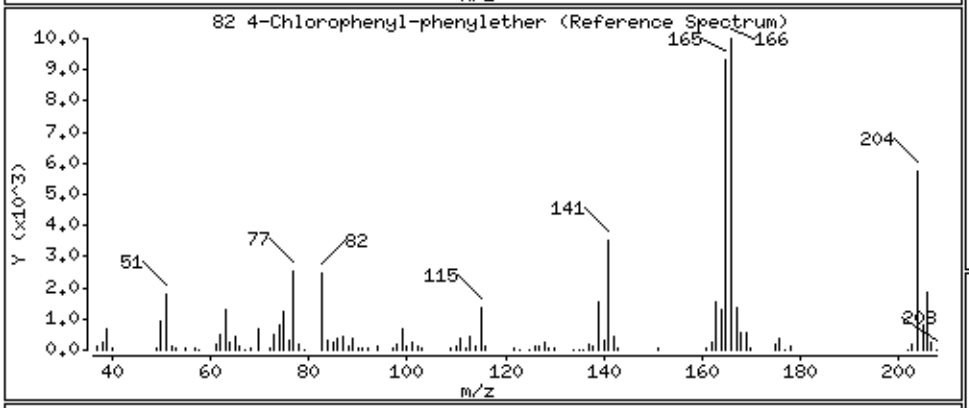
Concentration: 1680 ug/kg

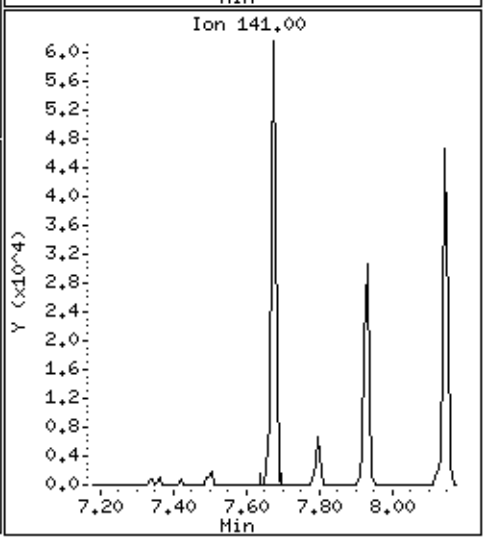


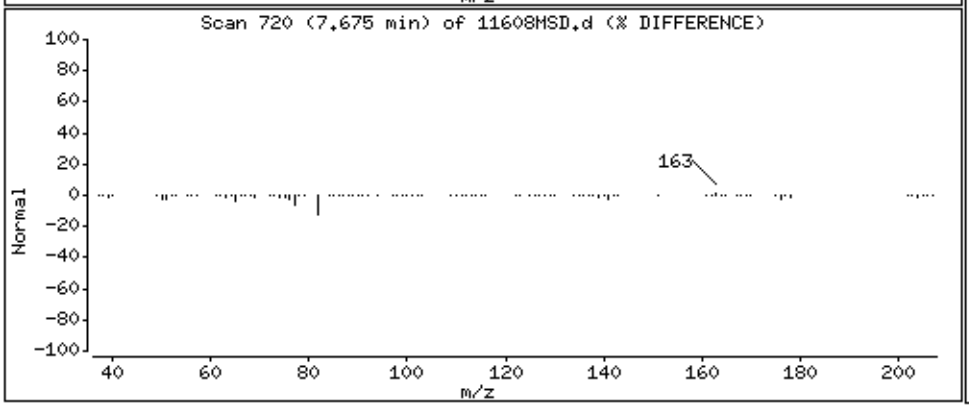












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

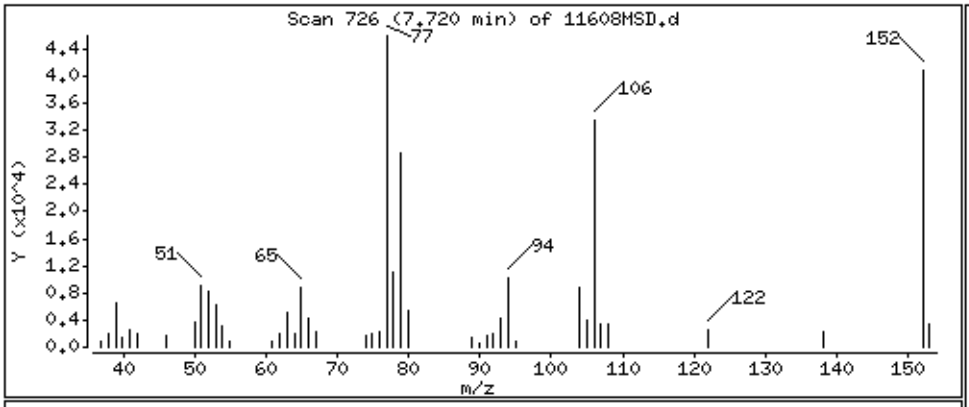
Operator: MJ

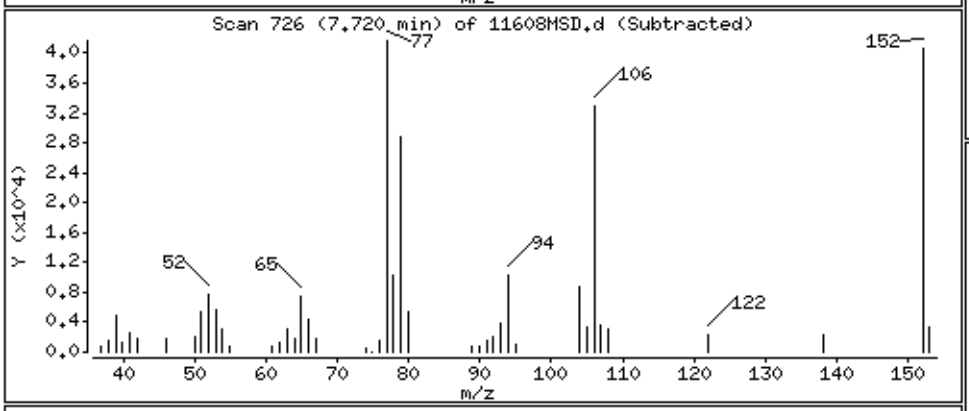
Column phase: HPMS-5

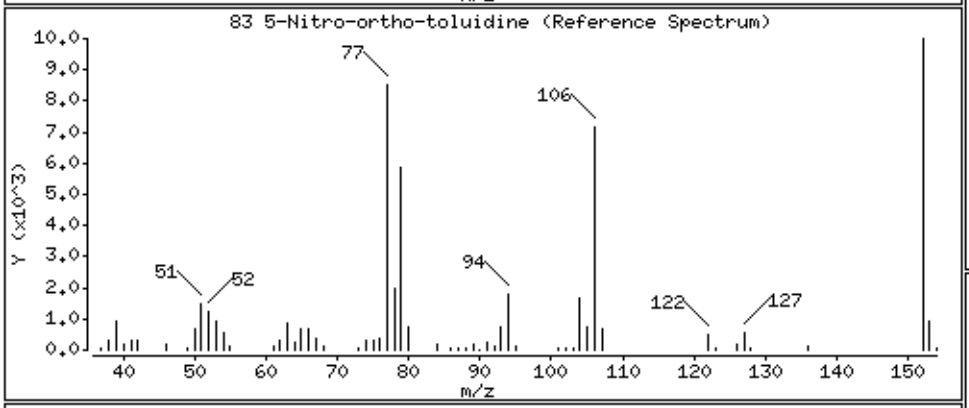
Column diameter: 0.25

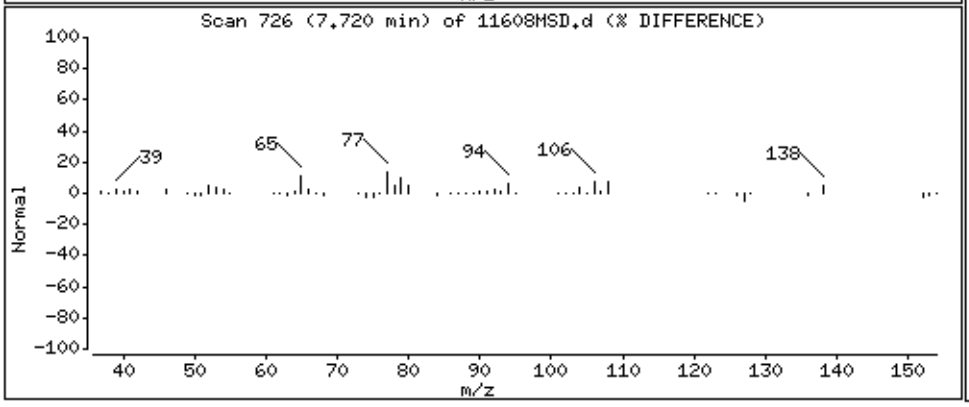
83 5-Nitro-ortho-toluidine

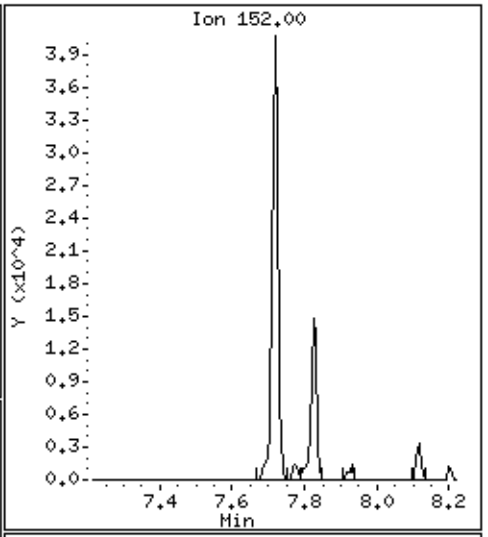
Concentration: 1780 ug/kg

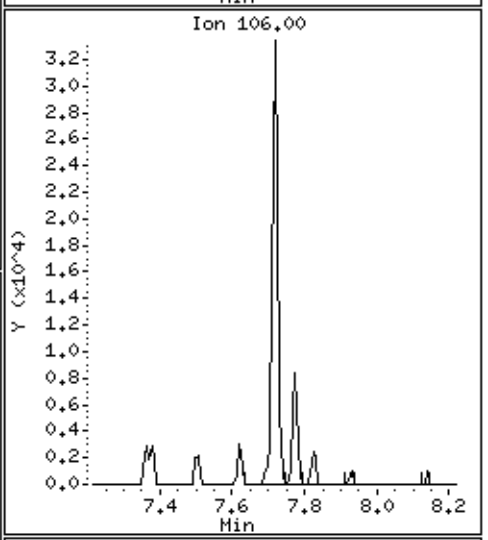


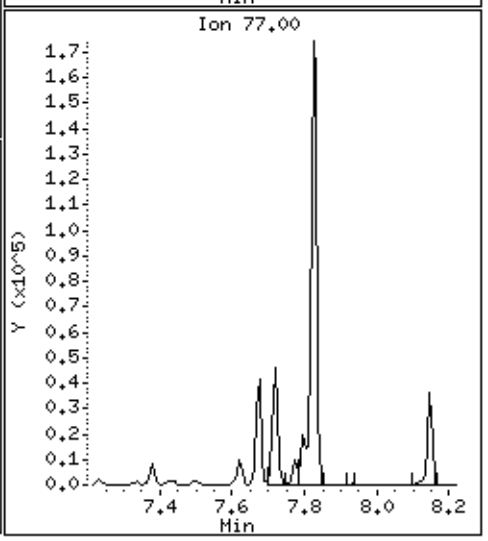












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

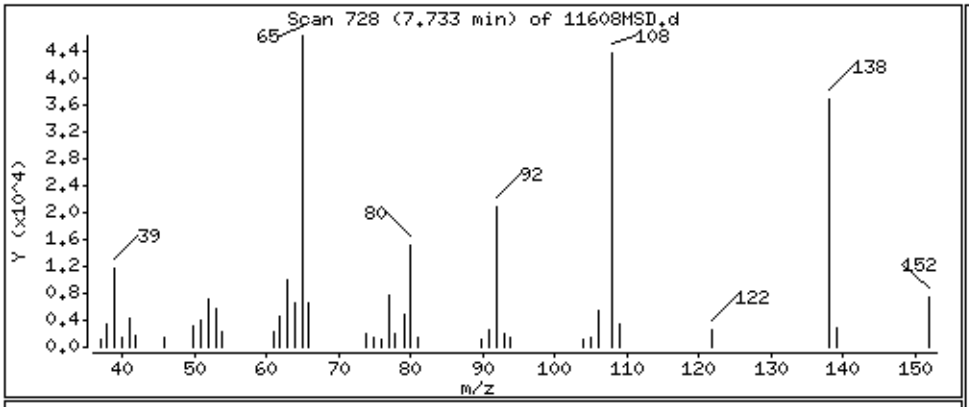
Operator: MJ

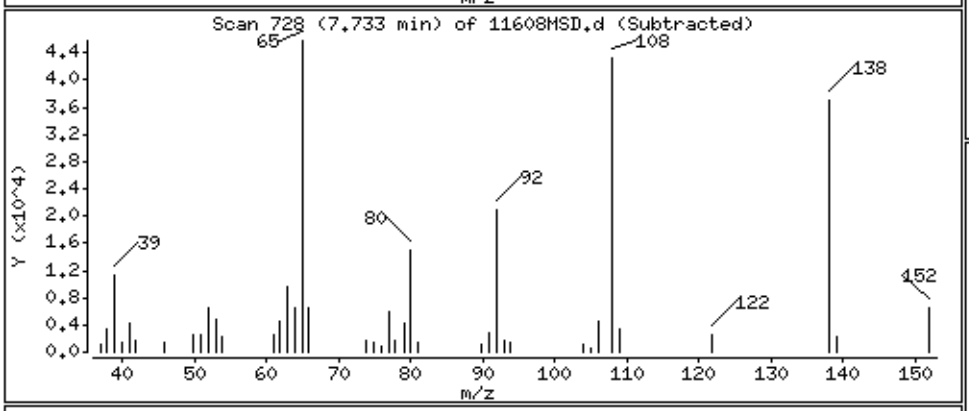
Column phase: HPMS-5

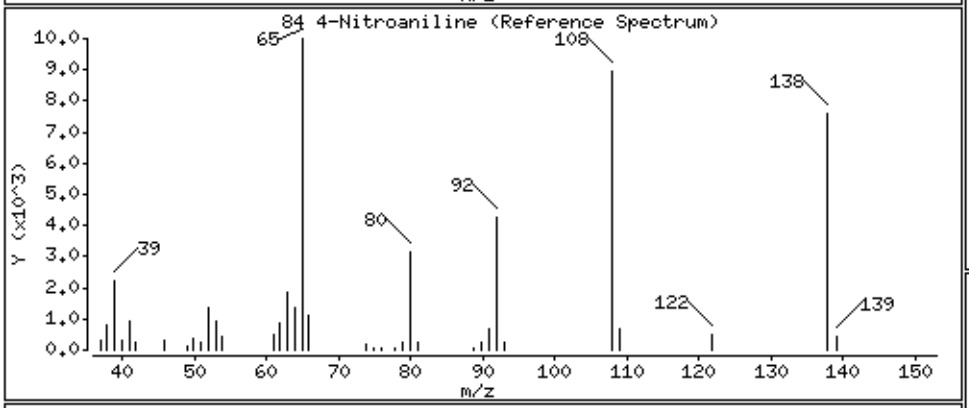
Column diameter: 0.25

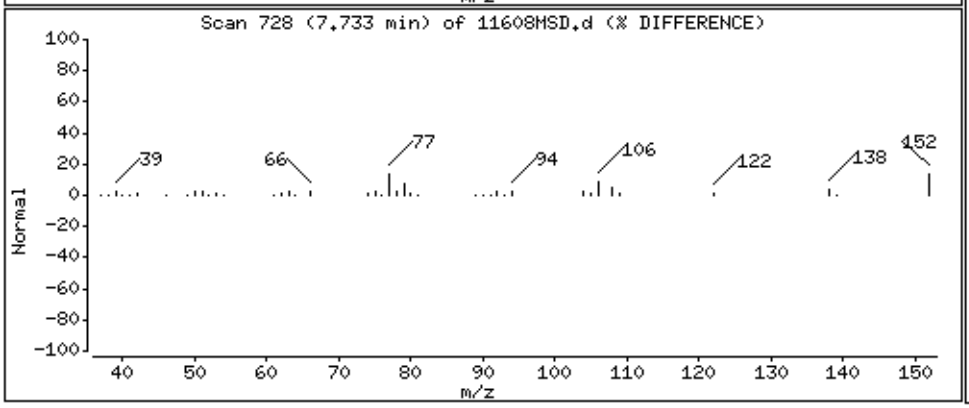
84 4-Nitroaniline

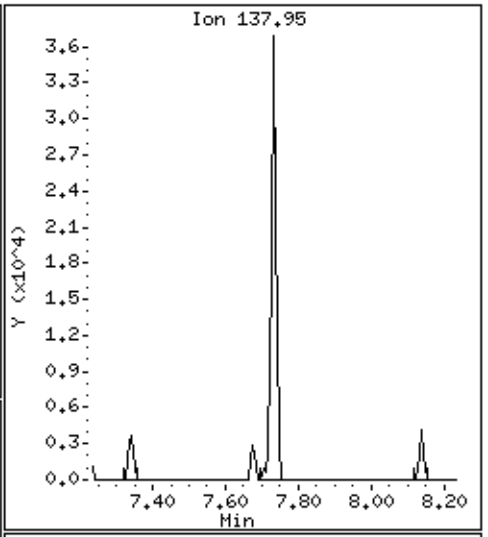
Concentration: 1840 ug/kg

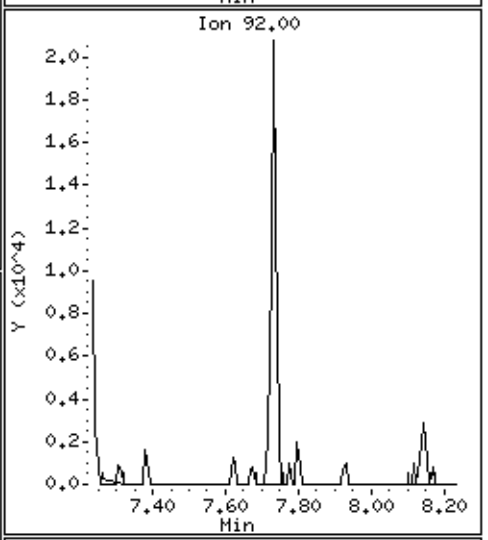


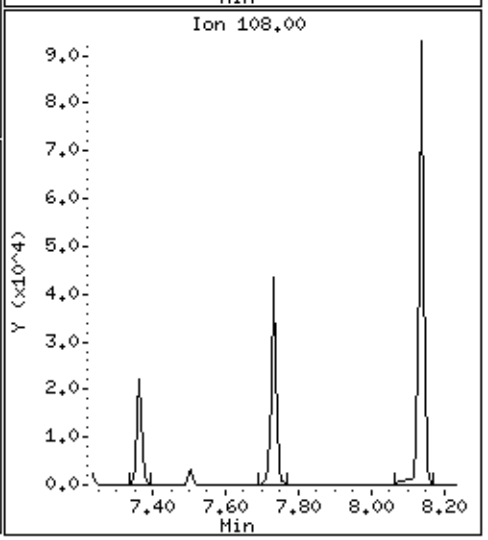












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

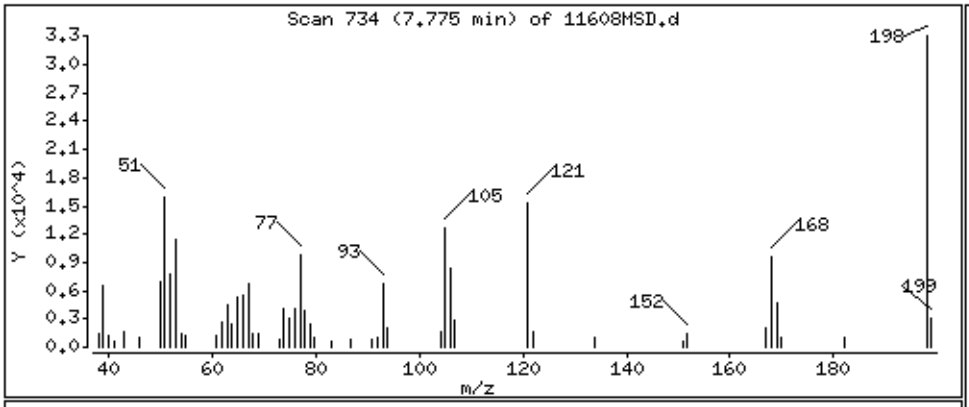
Operator: MJ

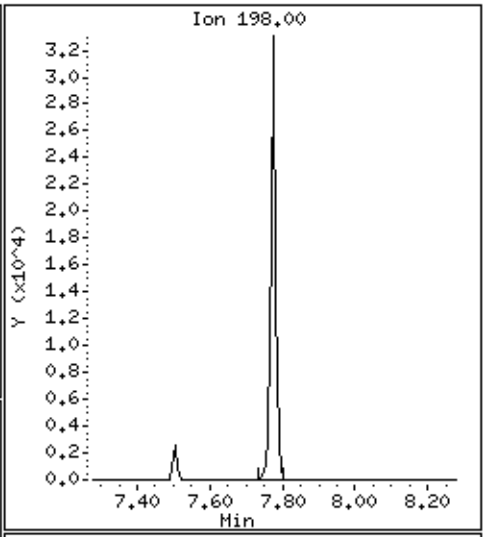
Column phase: HPMS-5

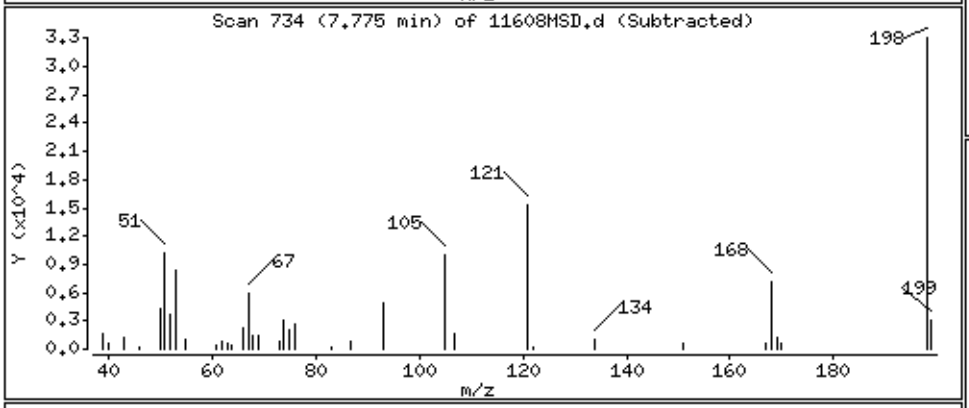
Column diameter: 0.25

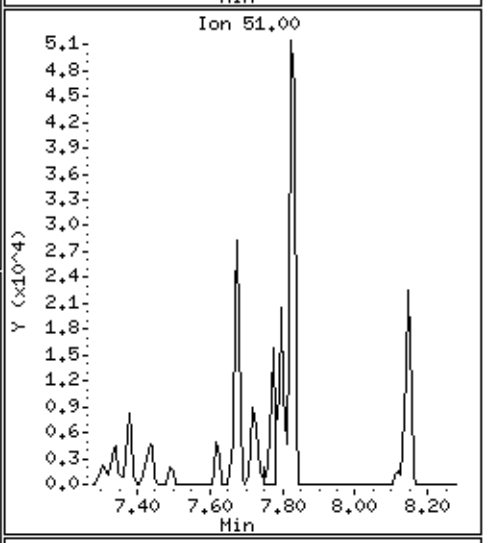
85 4,6-Dinitro-2-methylphenol

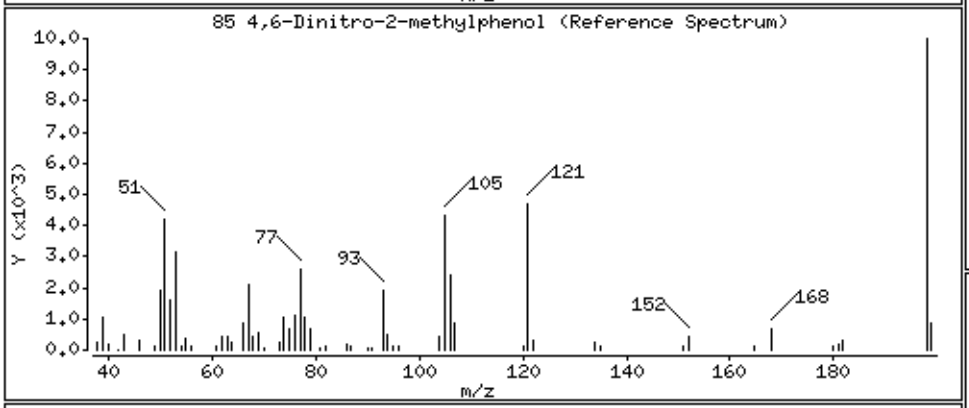
Concentration: 1730 ug/kg

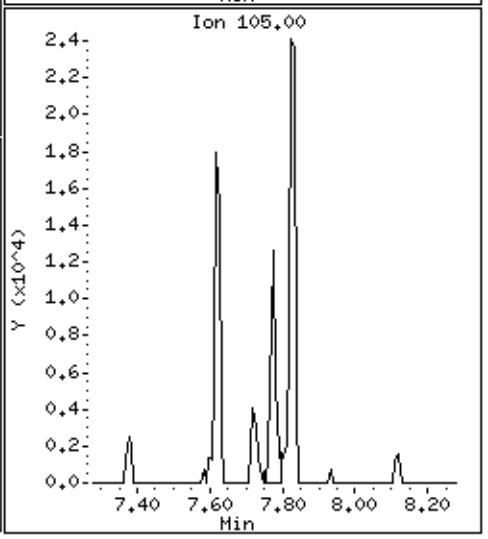


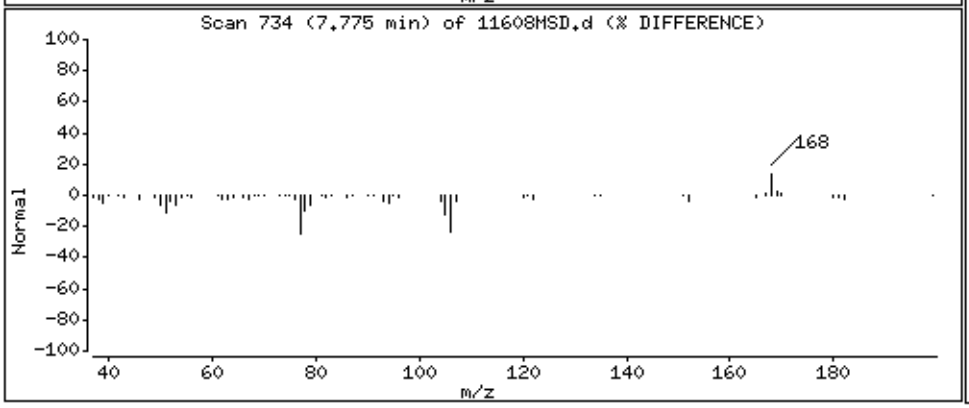












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

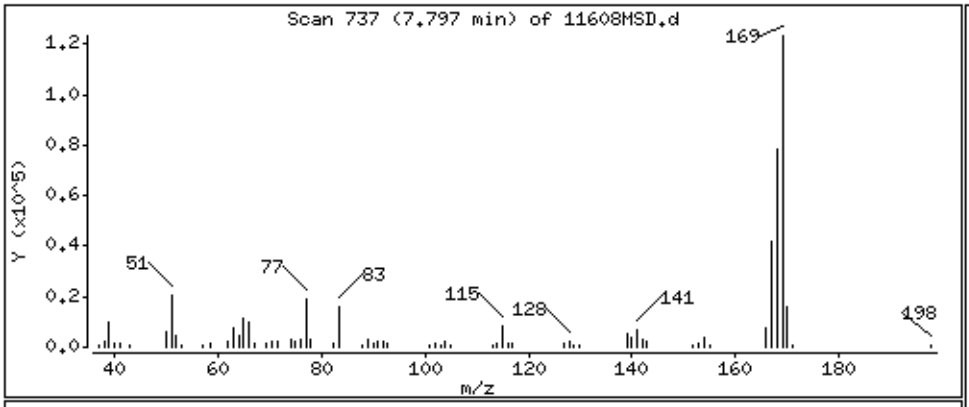
Operator: MJ

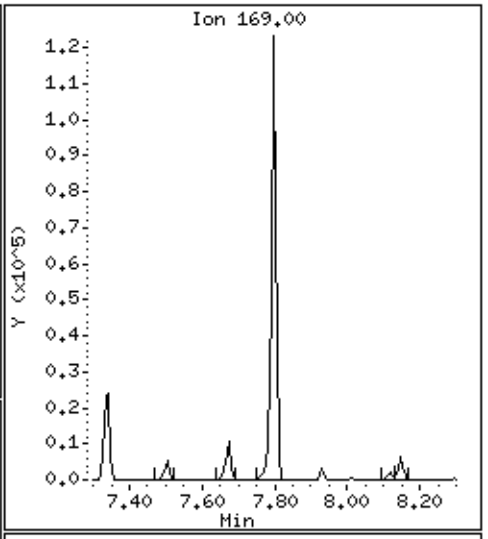
Column phase: HPMS-5

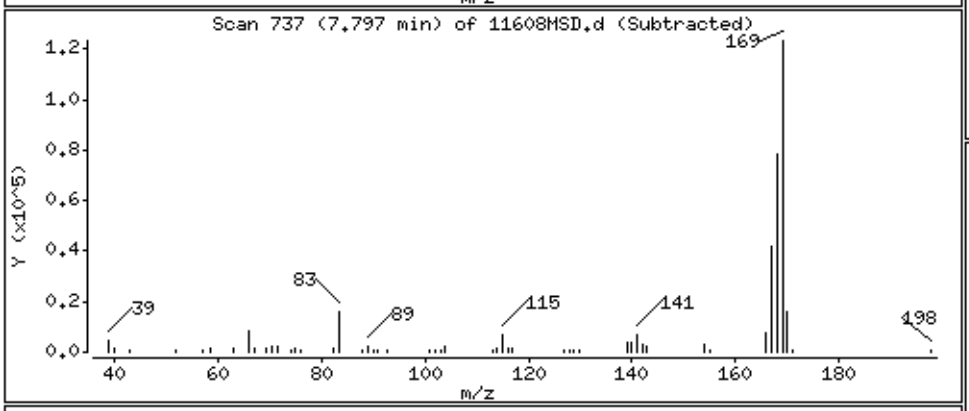
Column diameter: 0.25

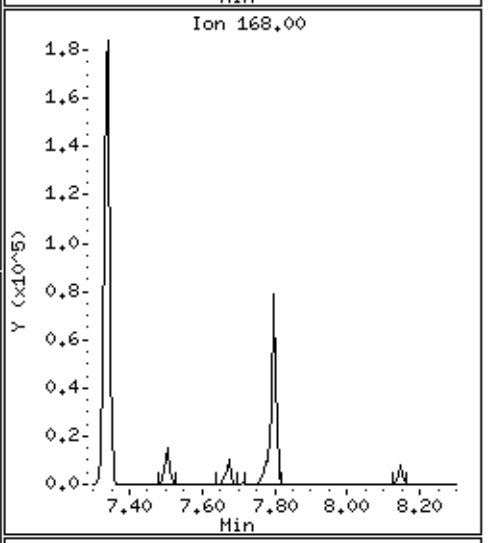
86 N-Nitrosodiphenylamine

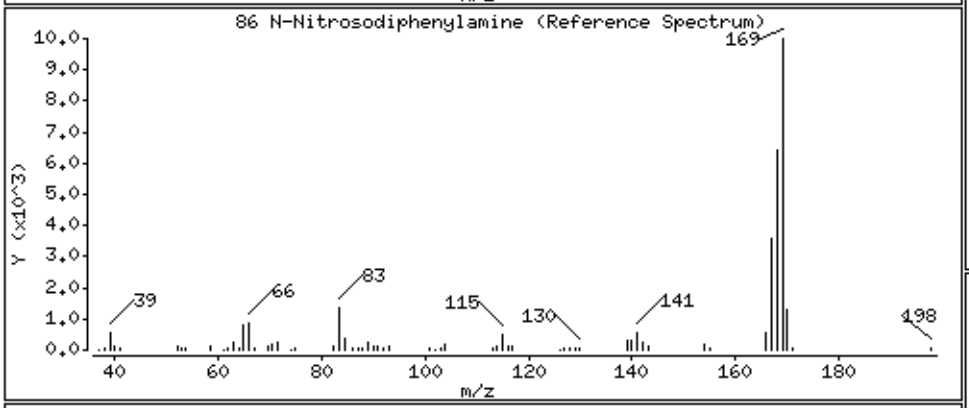
Concentration: 1880 ug/kg

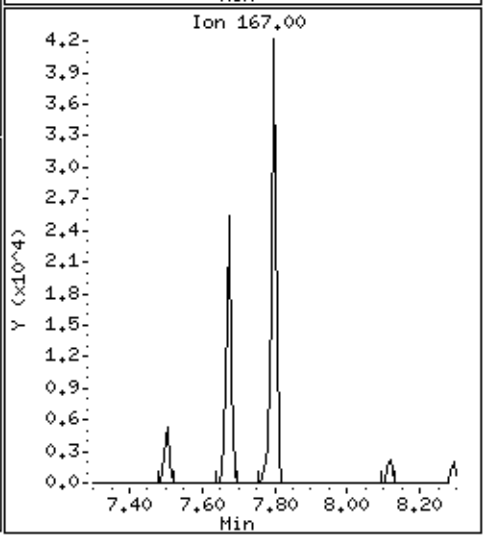


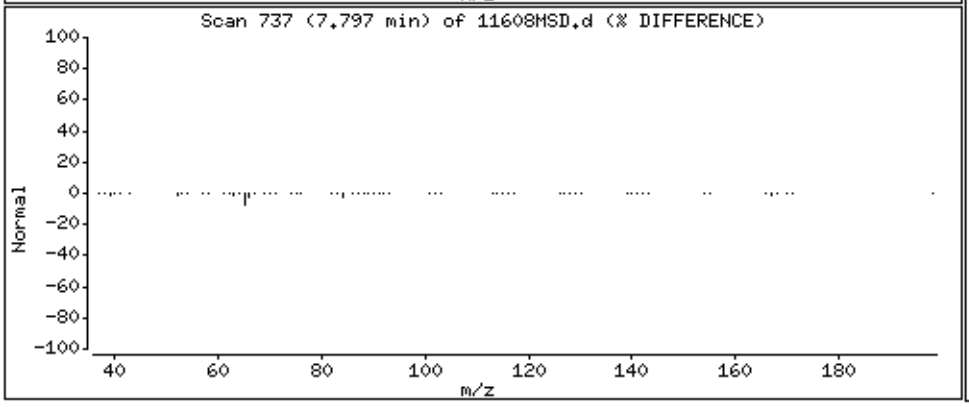












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

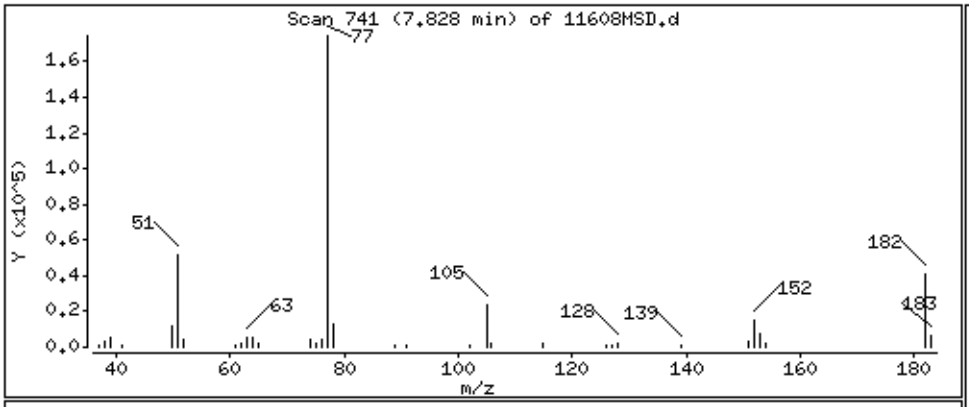
Operator: MJ

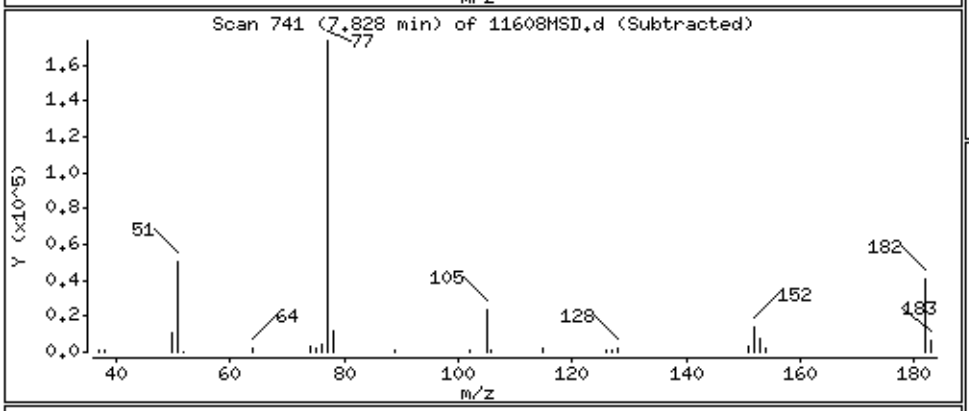
Column phase: HPMS-5

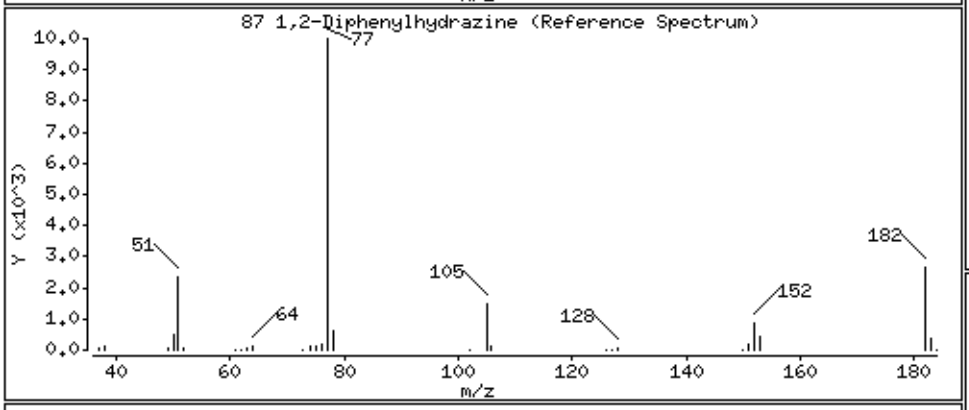
Column diameter: 0.25

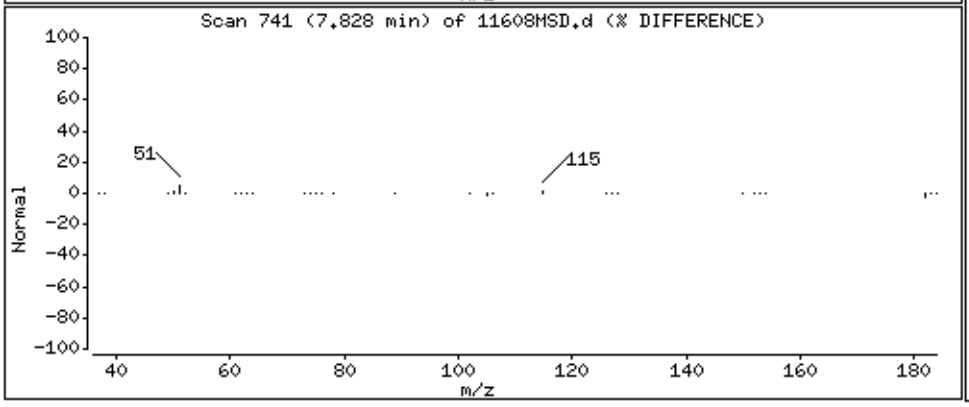
87 1,2-Diphenylhydrazine

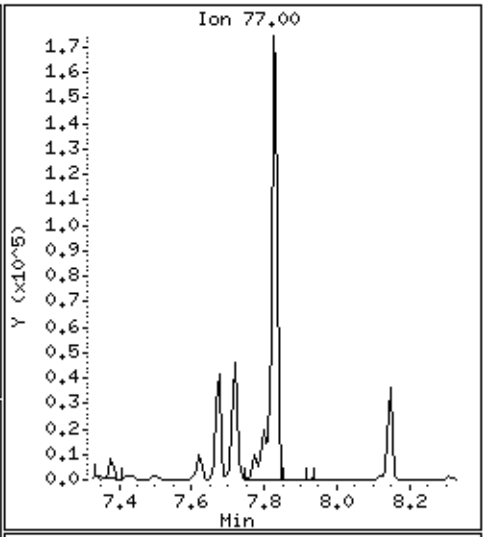
Concentration: 1920 ug/kg

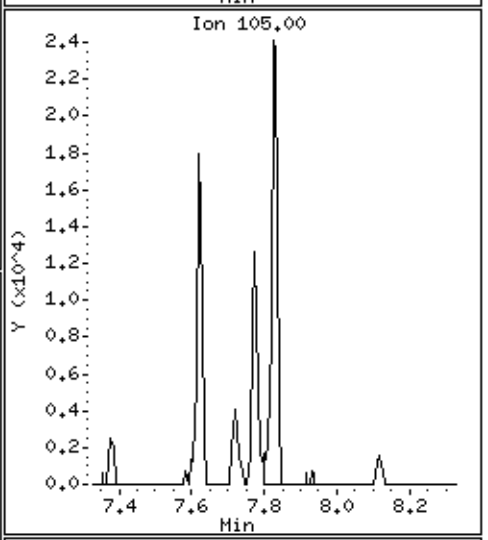


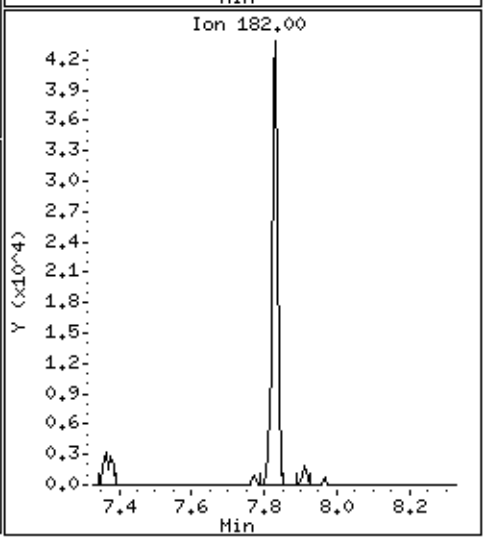












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

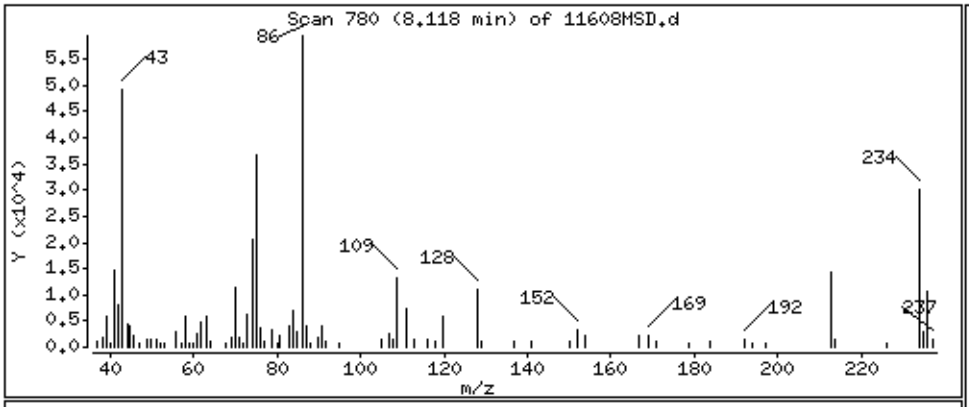
Operator: MJ

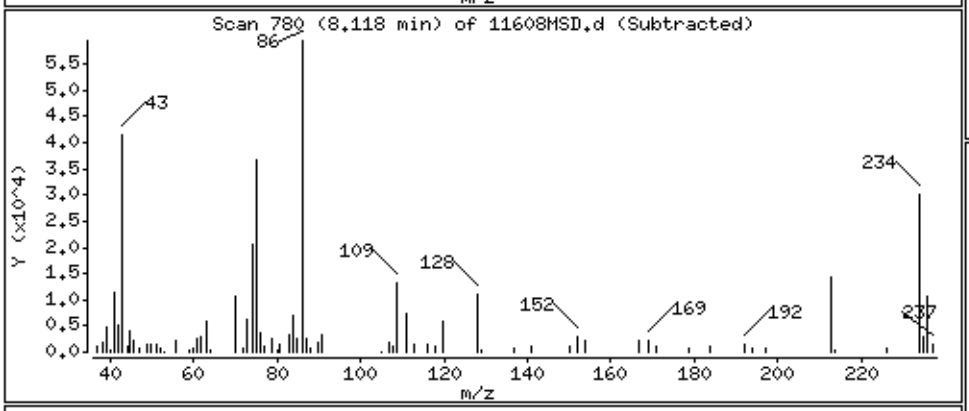
Column phase: HPMS-5

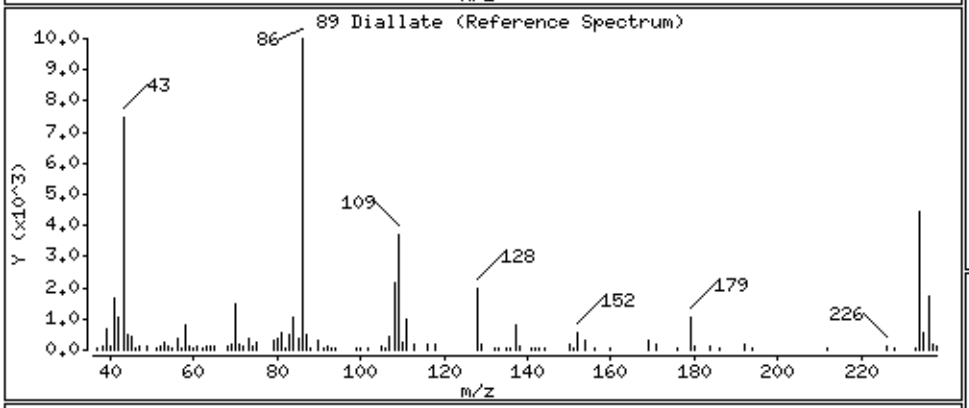
Column diameter: 0.25

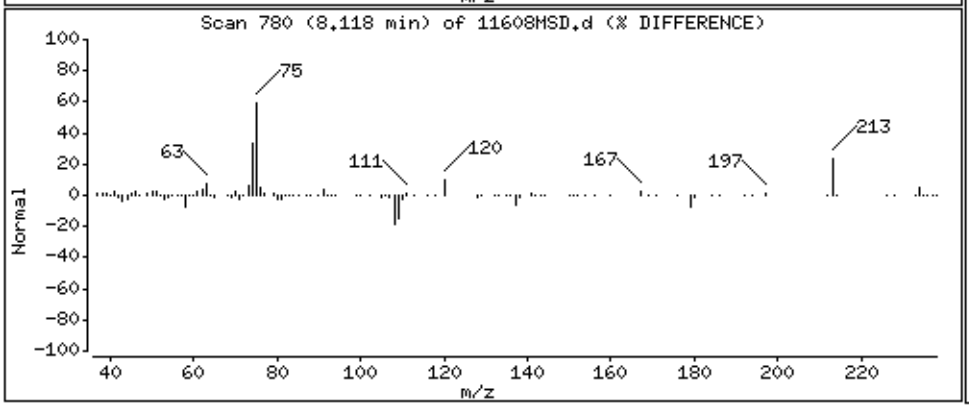
89 Diallate

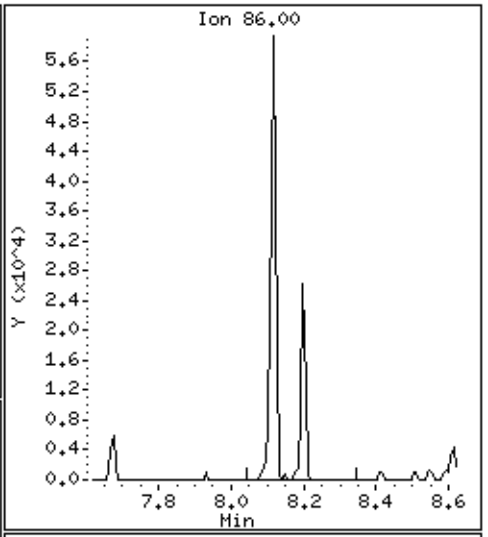
Concentration: 1720 ug/kg

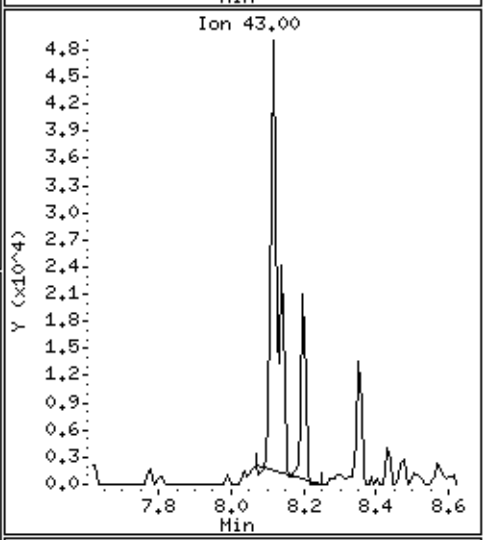


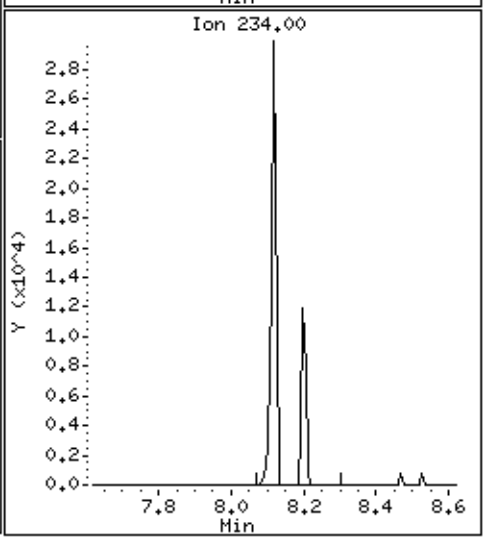












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

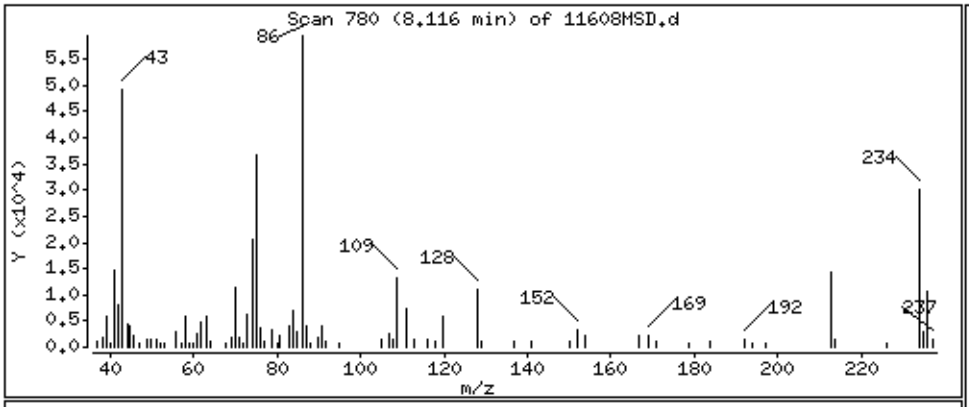
Operator: MJ

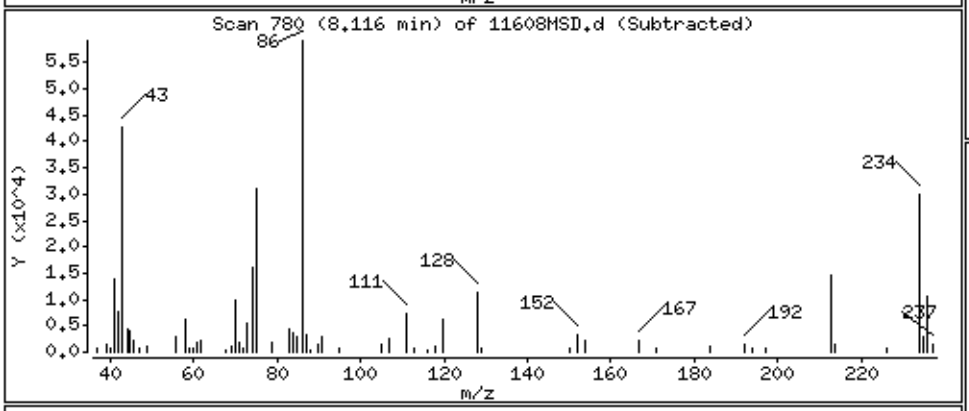
Column phase: HPMS-5

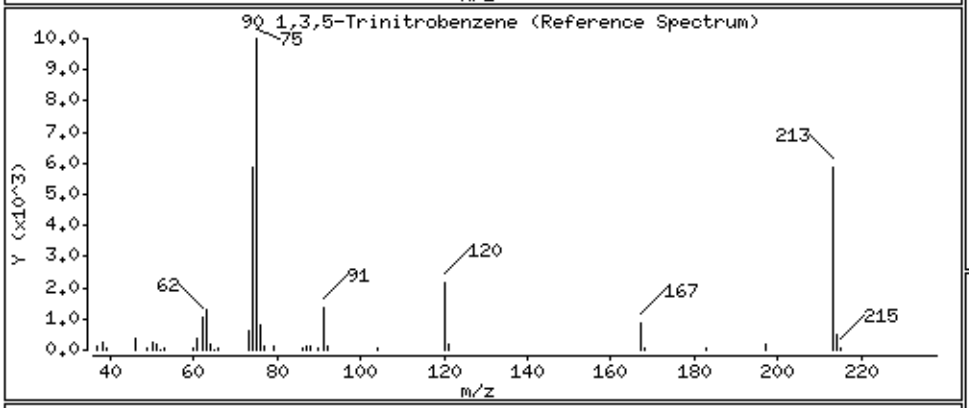
Column diameter: 0.25

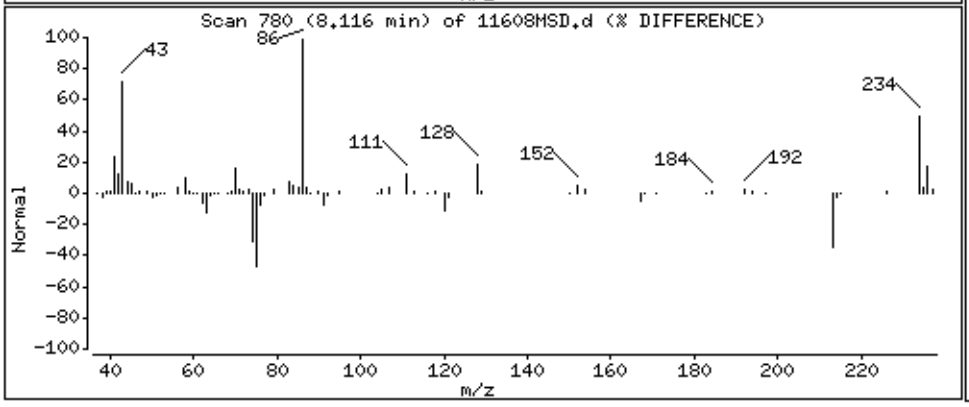
90 1,3,5-Trinitrobenzene

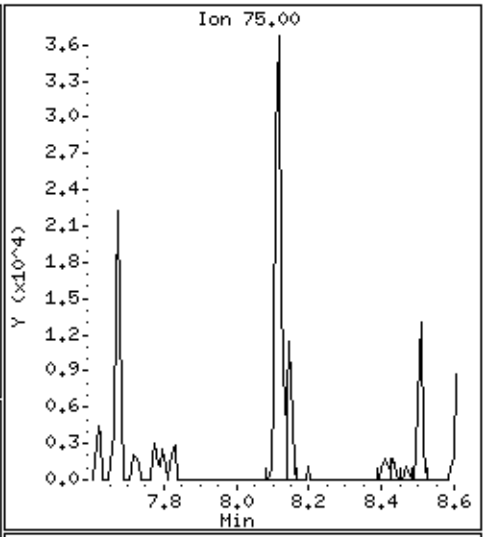
Concentration: 751 ug/kg

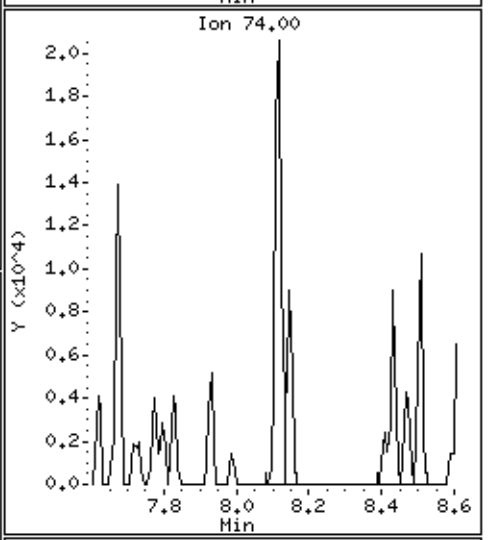


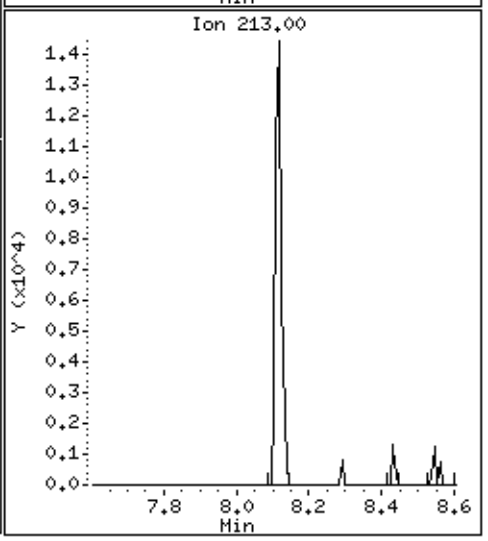












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

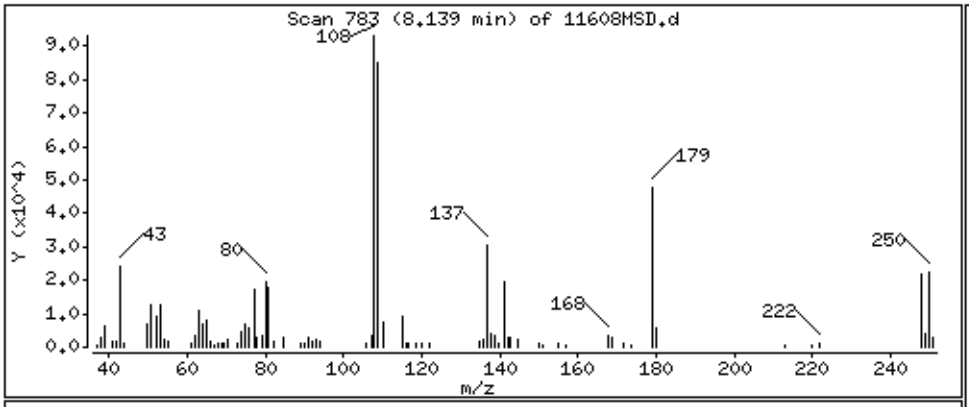
Operator: MJ

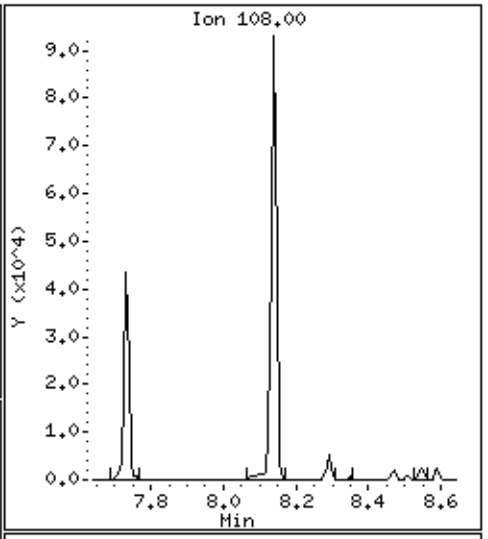
Column phase: HPMS-5

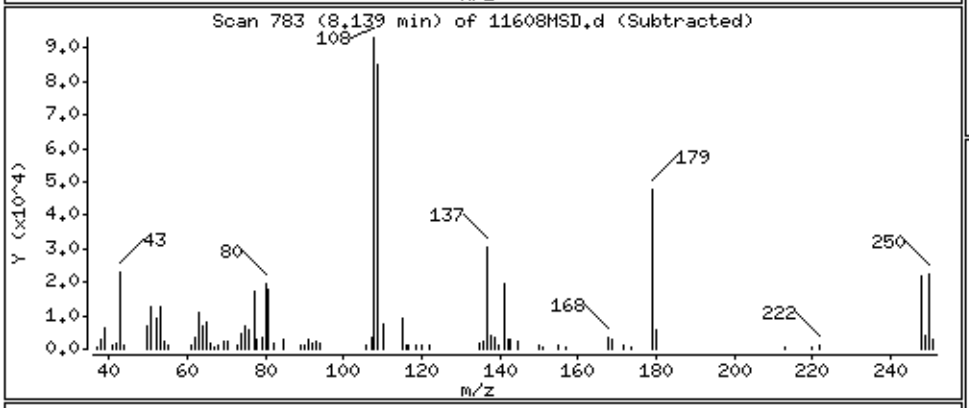
Column diameter: 0.25

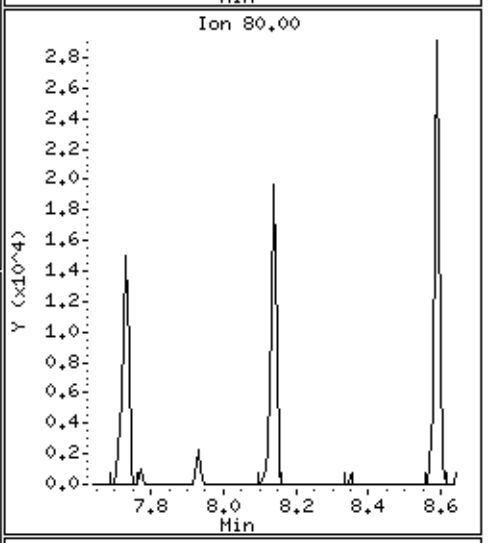
91 p-Phenylenediamine

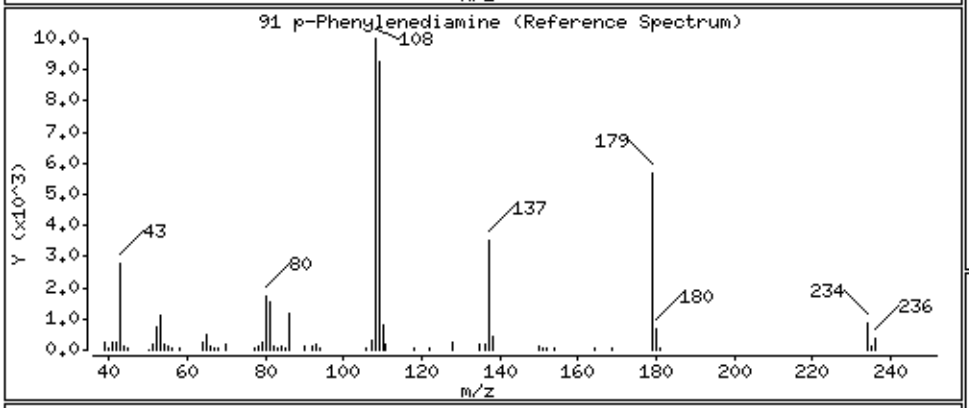
Concentration: 1830 ug/kg

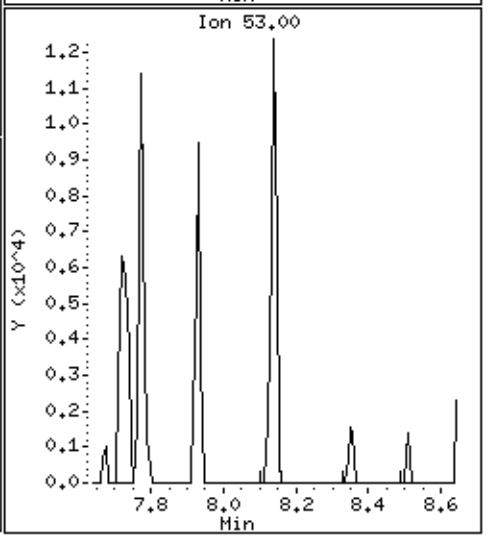


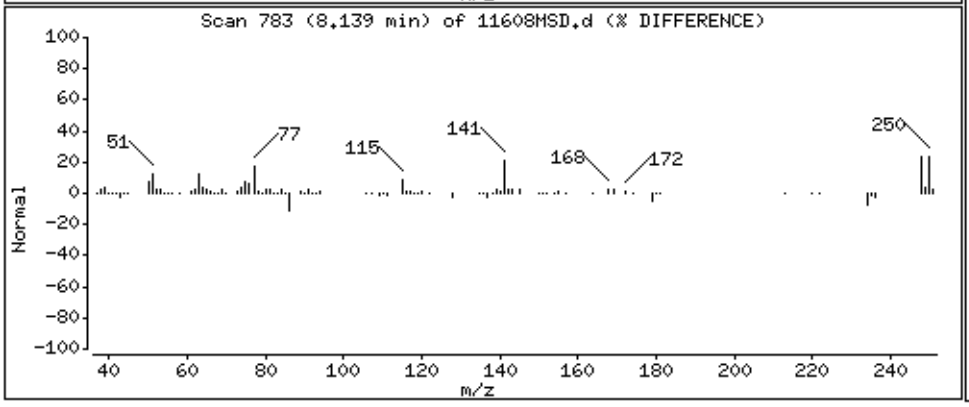












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

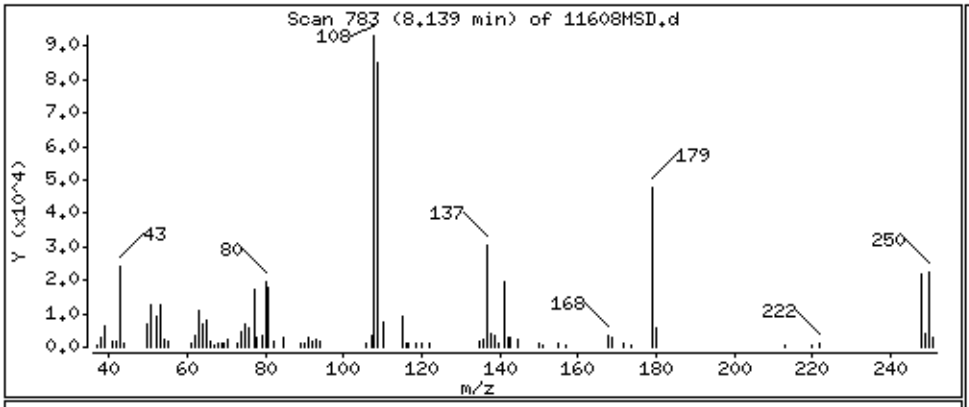
Operator: MJ

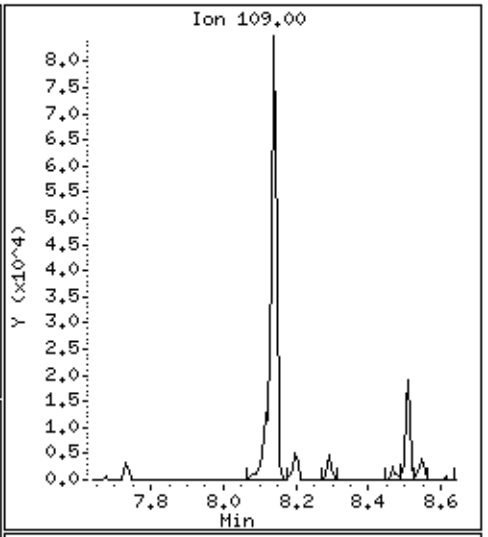
Column phase: HPMS-5

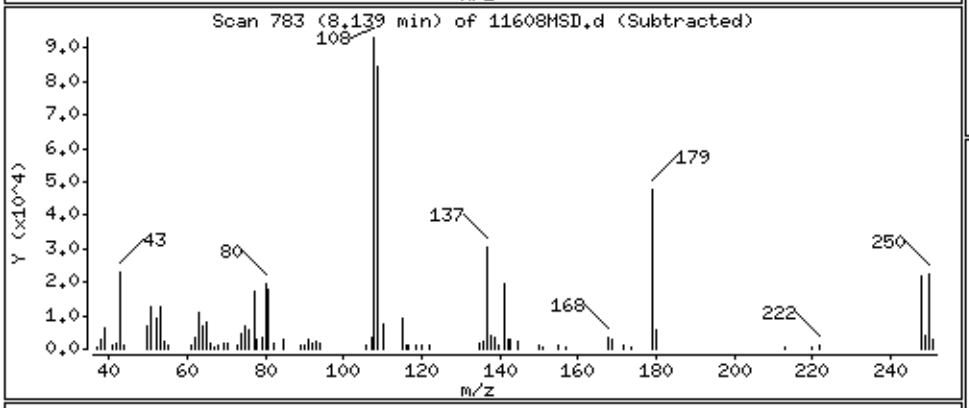
Column diameter: 0.25

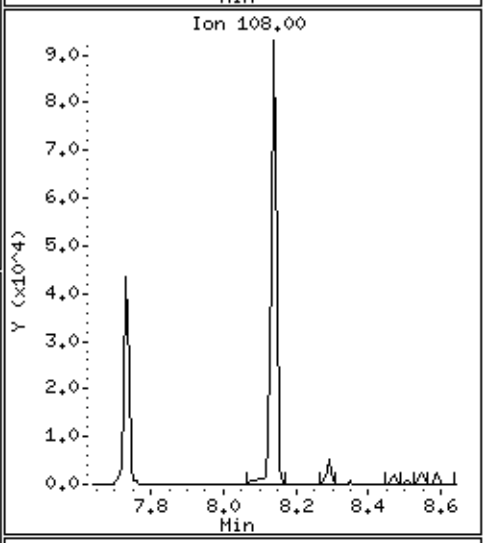
92 Phenacetin

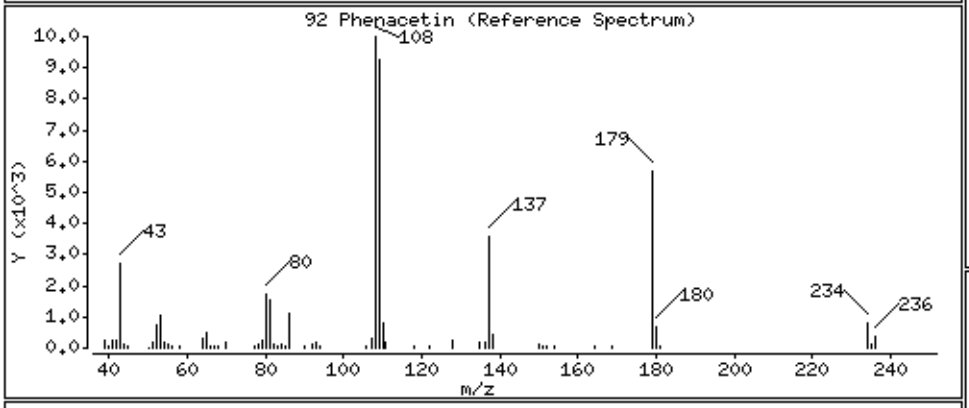
Concentration: 1840 ug/kg

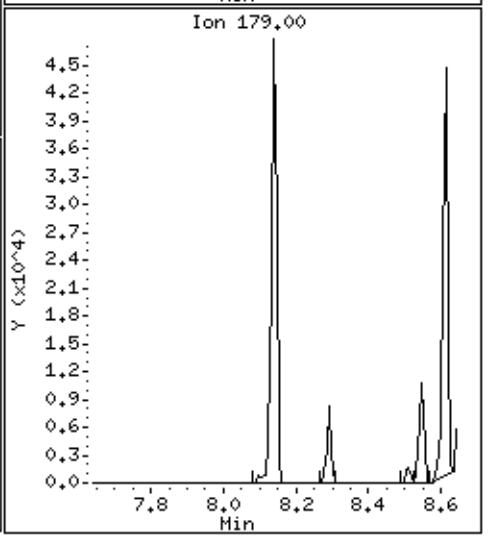


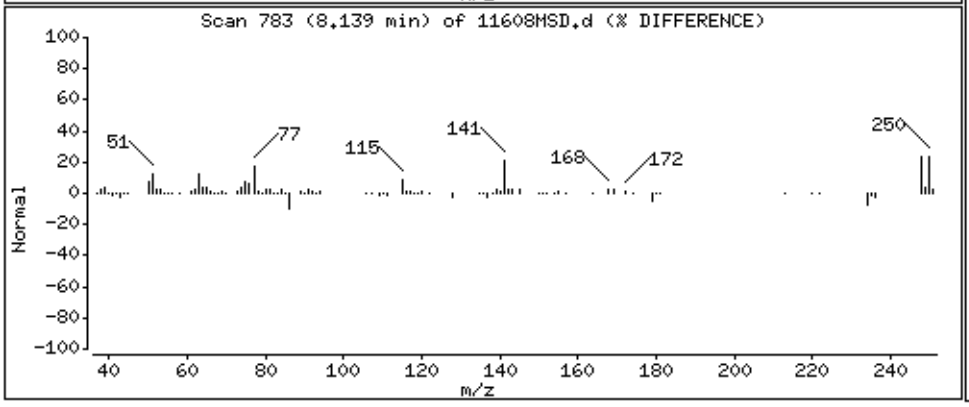












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

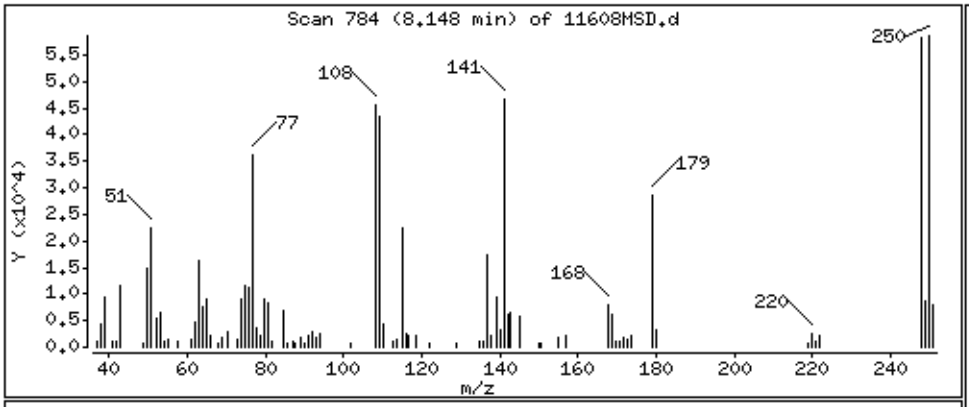
Operator: MJ

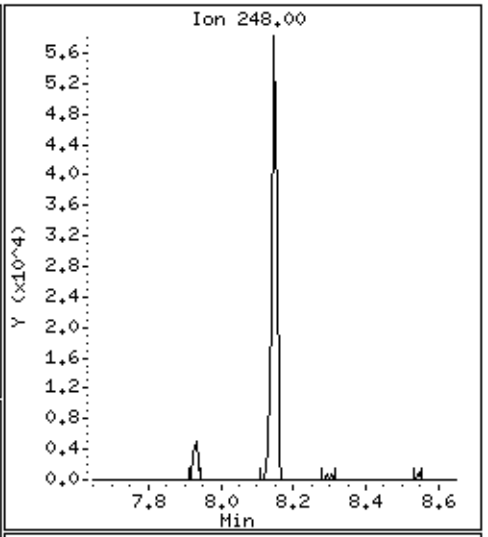
Column phase: HPMS-5

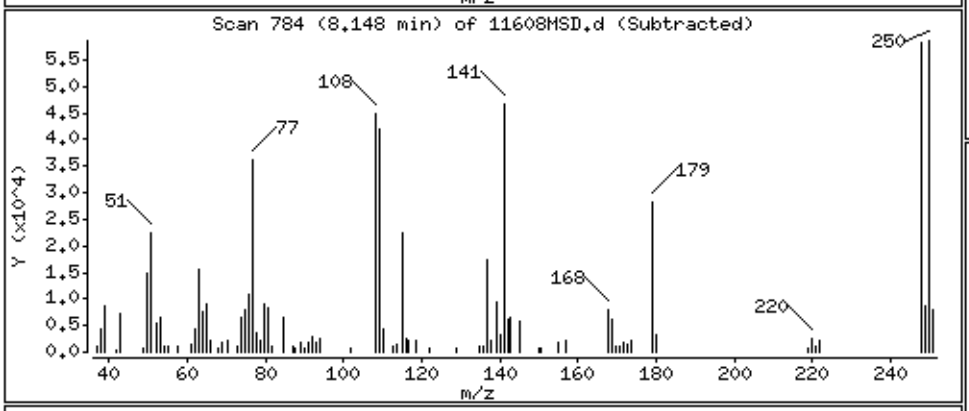
Column diameter: 0.25

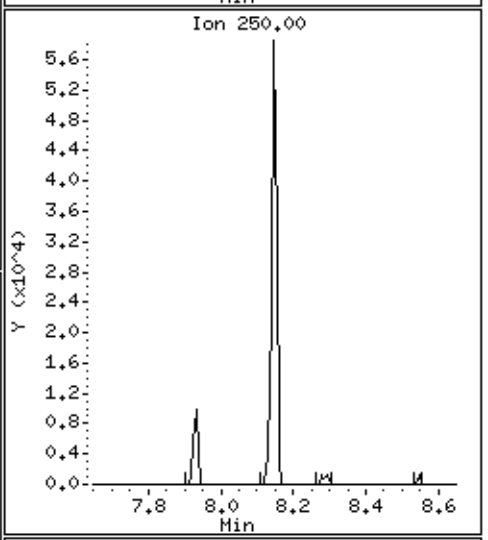
93 4-Bromophenylphenylether

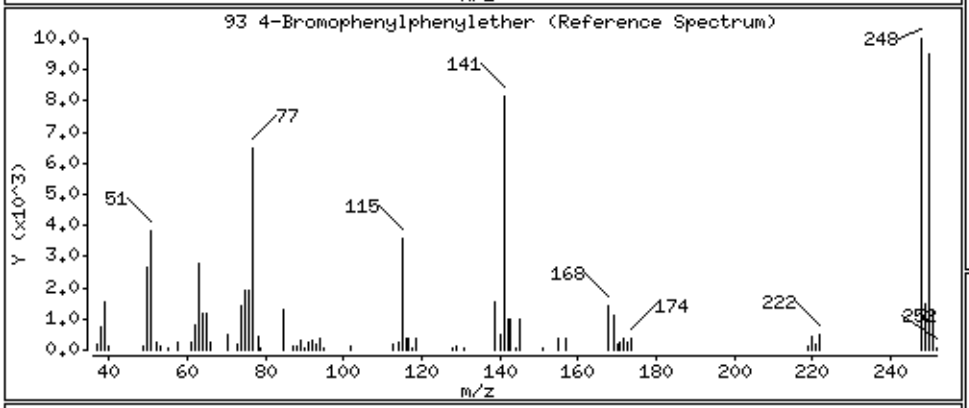
Concentration: 1850 ug/kg

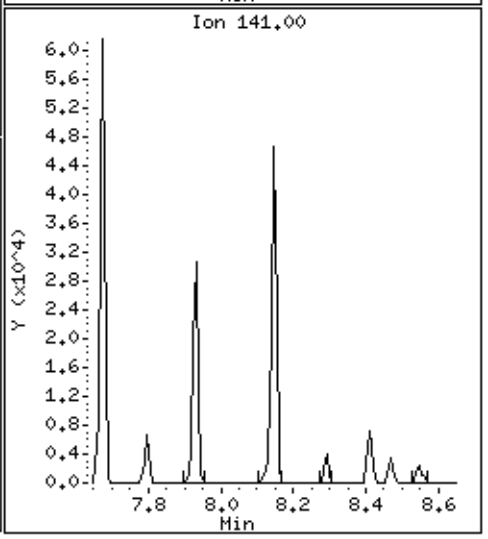


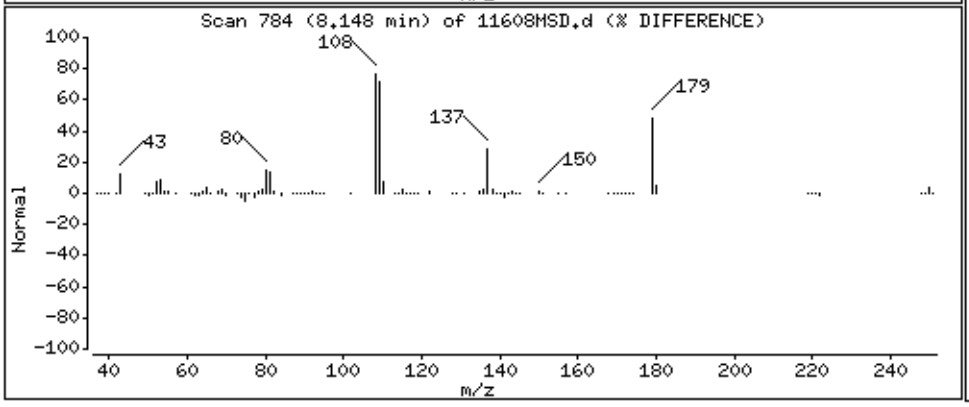












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

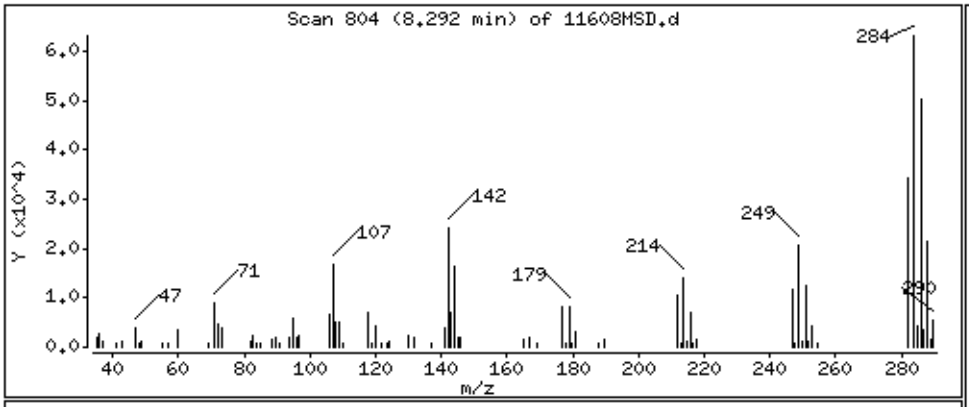
Operator: MJ

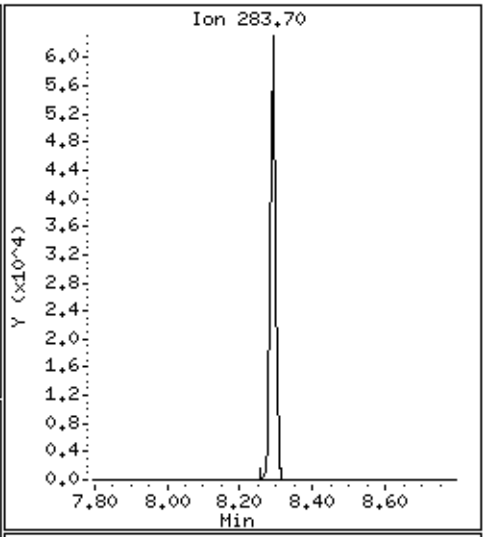
Column phase: HPMS-5

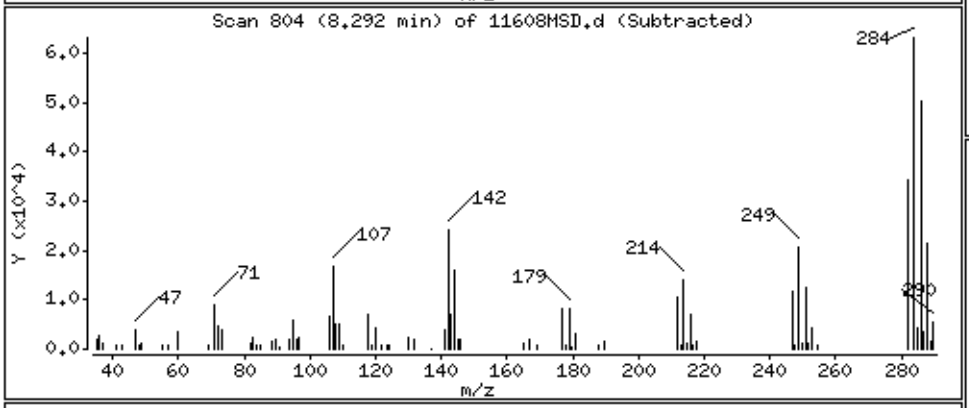
Column diameter: 0.25

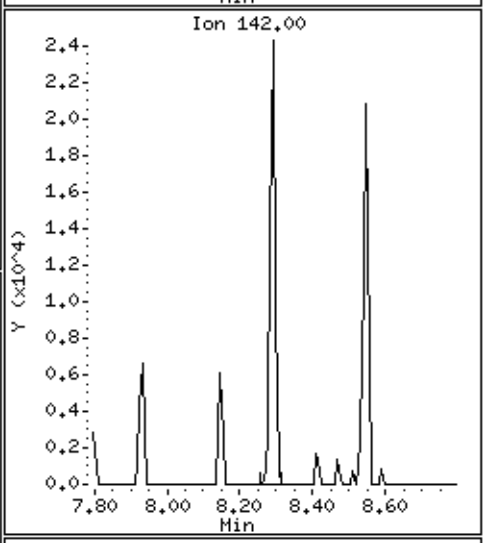
94 Hexachlorobenzene

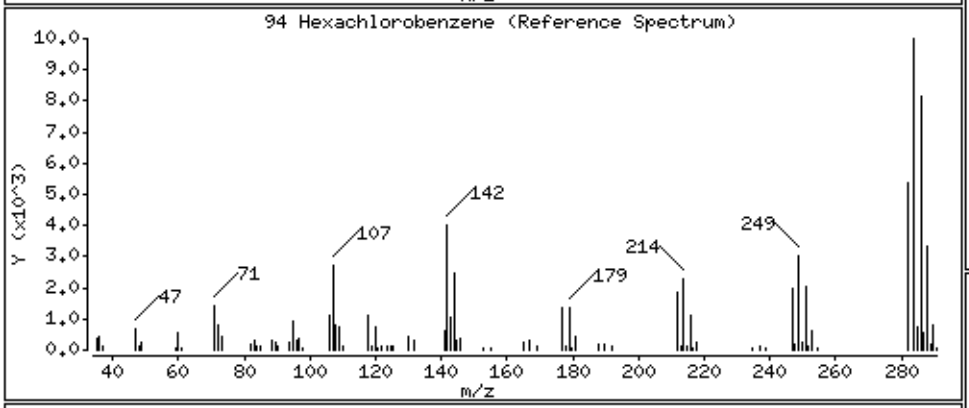
Concentration: 1760 ug/kg

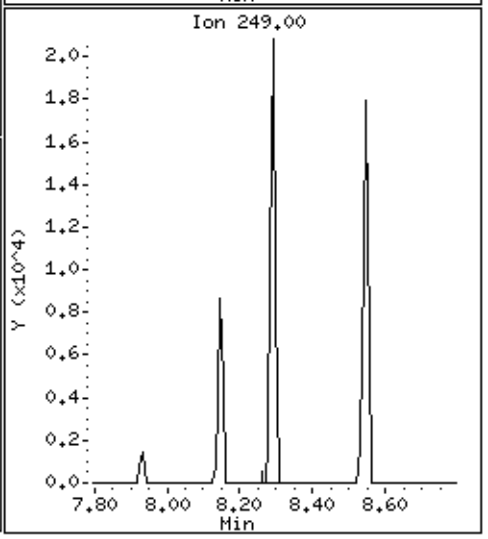


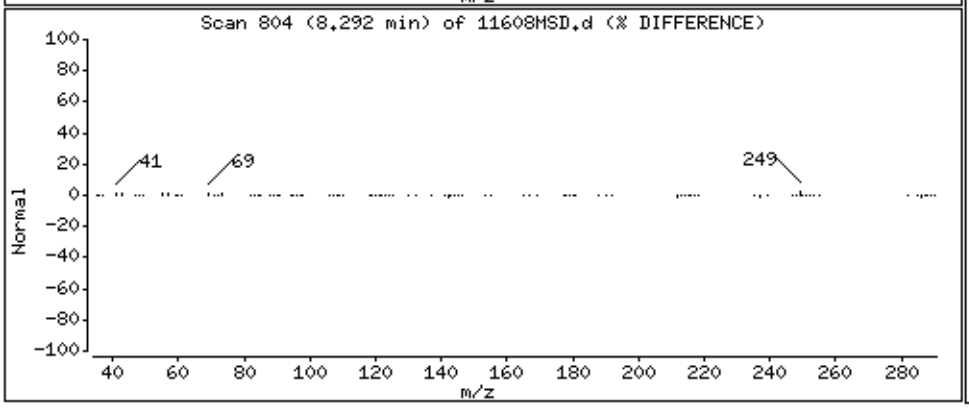












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

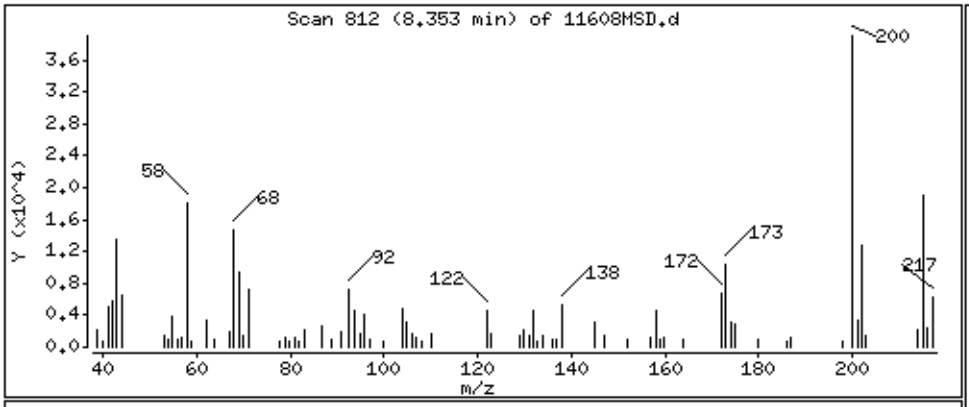
Operator: MJ

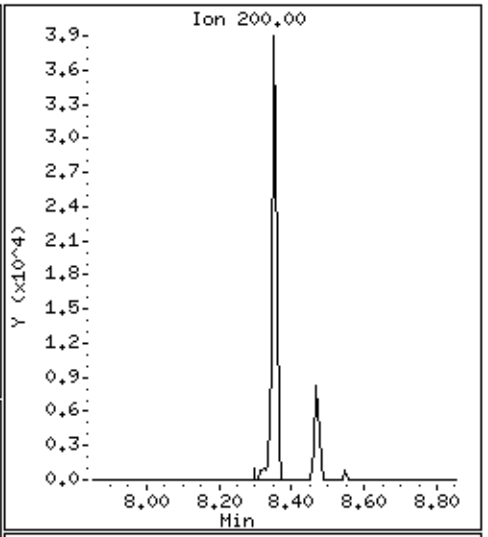
Column phase: HPMS-5

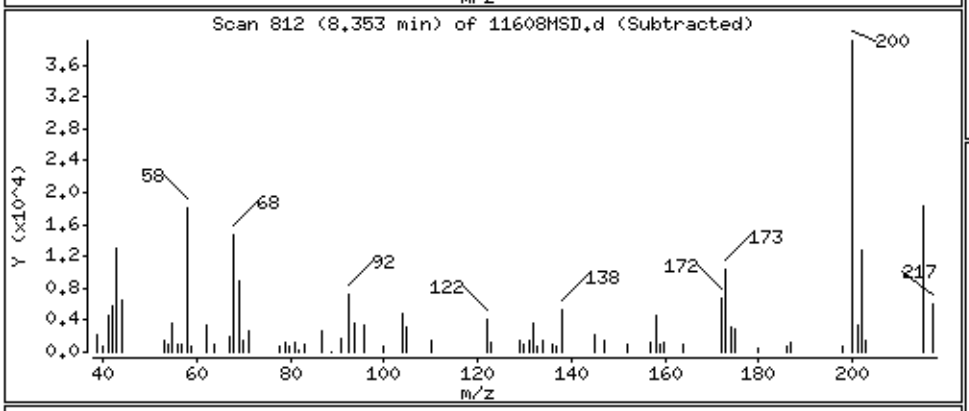
Column diameter: 0.25

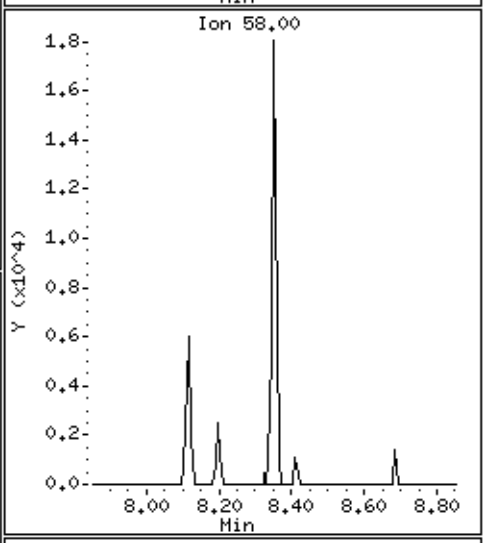
95 Atrazine

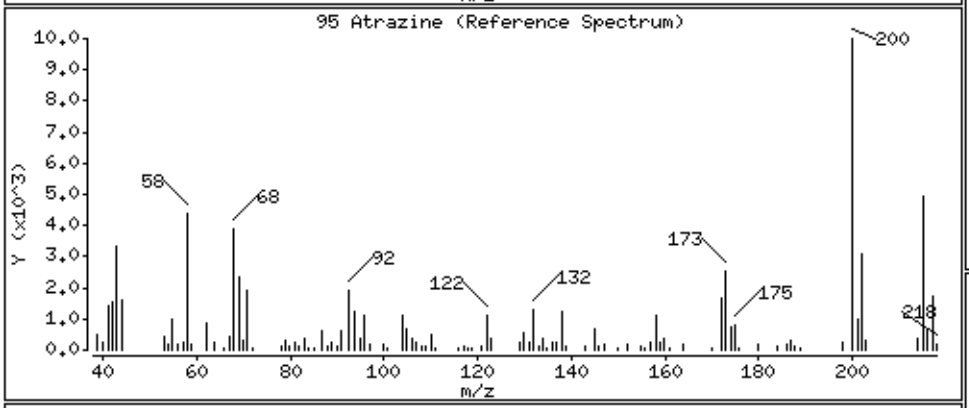
Concentration: 1460 ug/kg

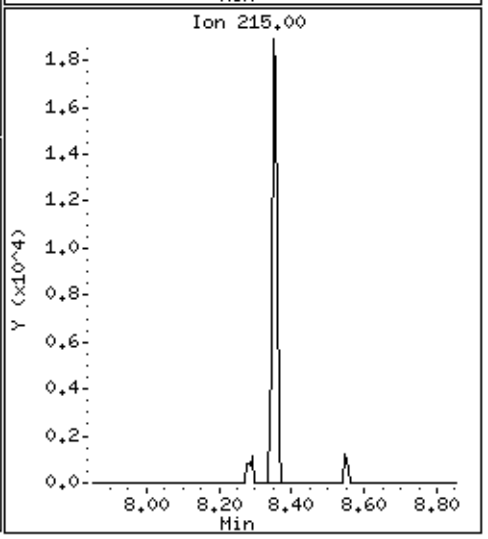


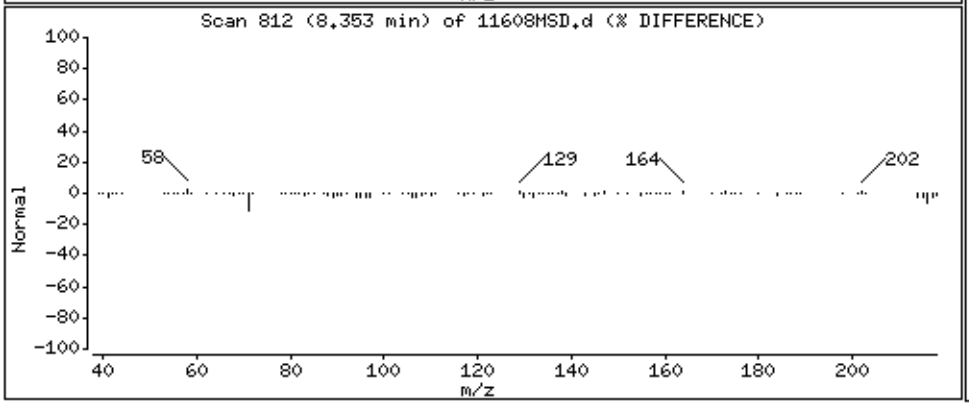












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

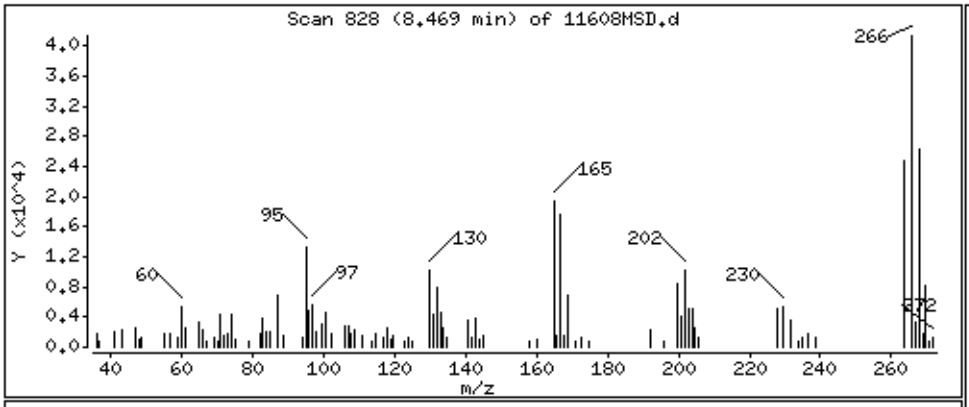
Operator: MJ

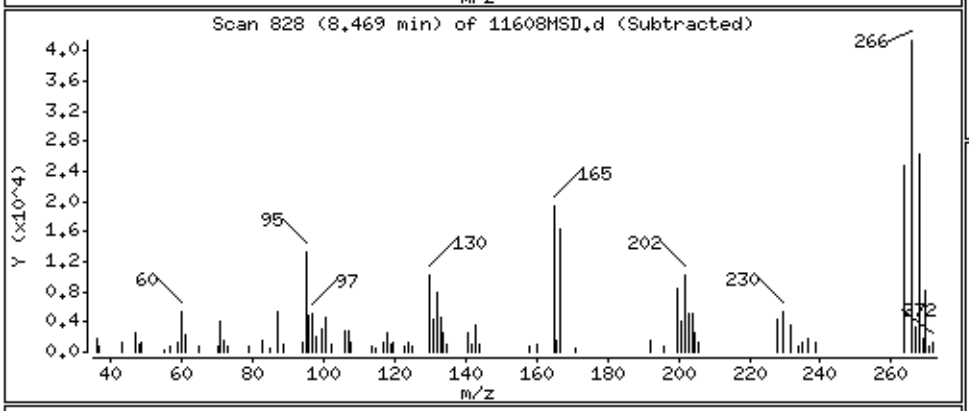
Column phase: HPMS-5

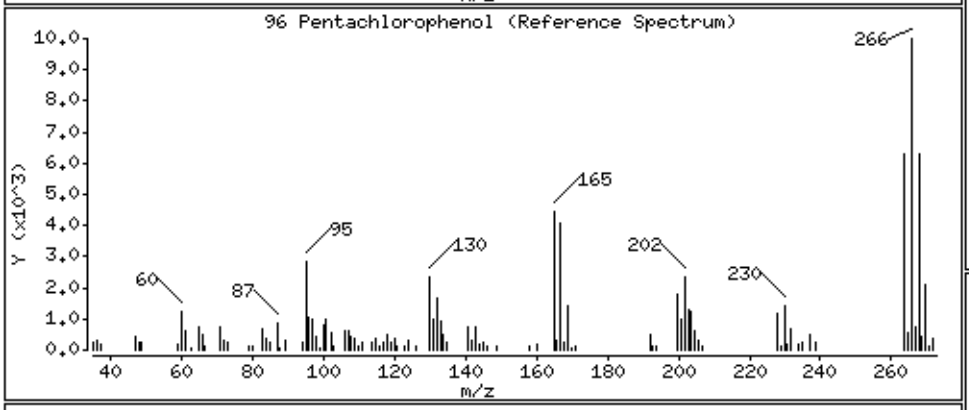
Column diameter: 0.25

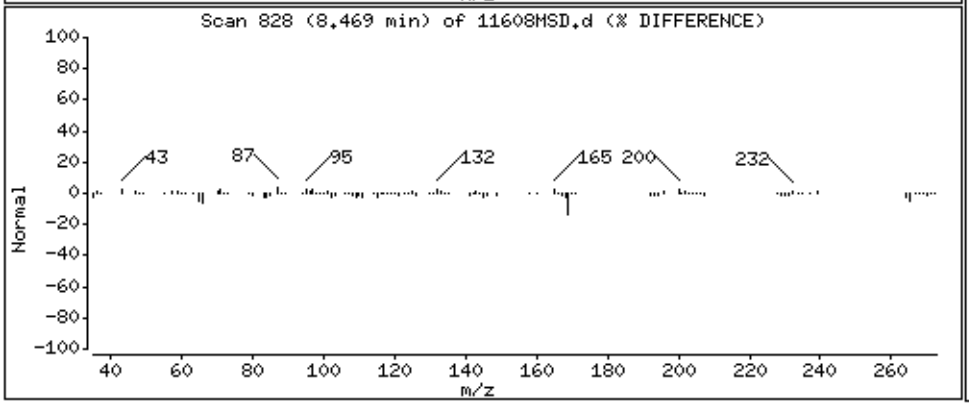
96 Pentachlorophenol

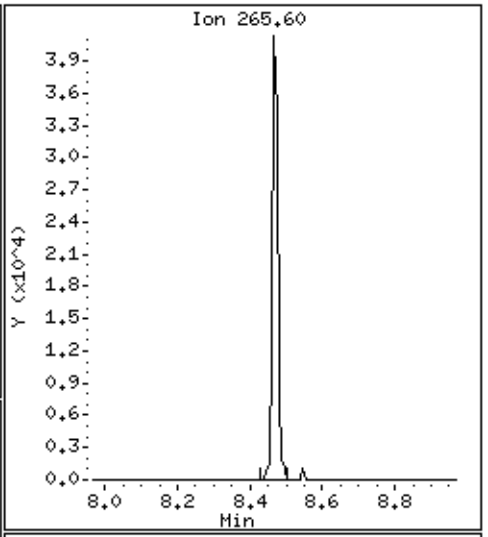
Concentration: 2100 ug/kg

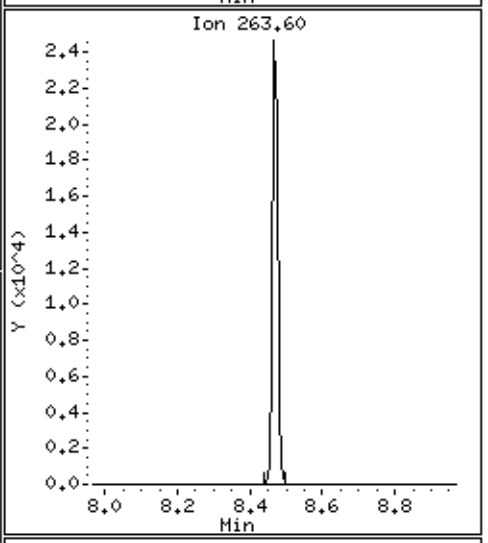


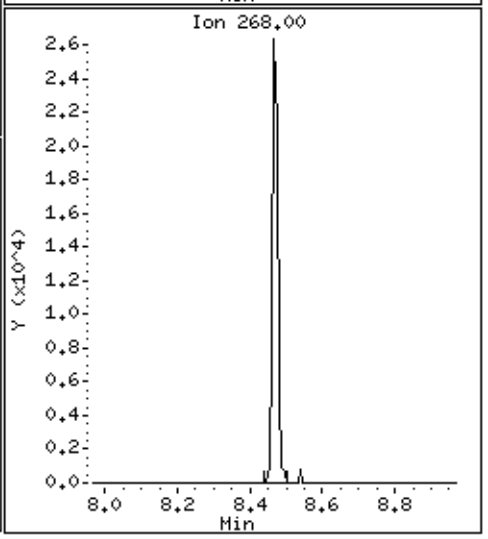












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

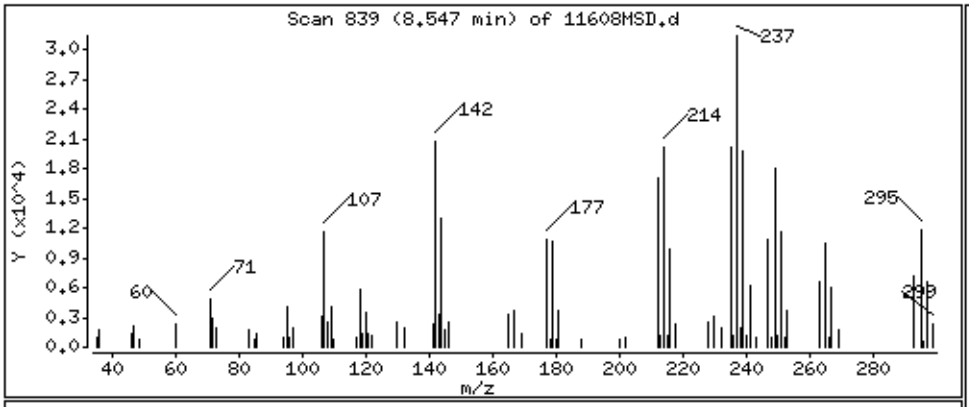
Operator: MJ

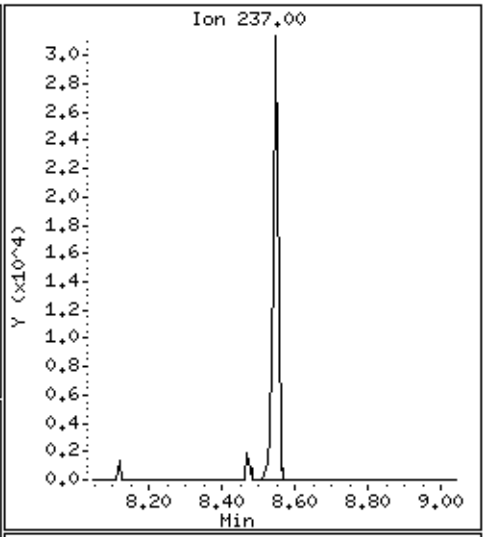
Column phase: HPMS-5

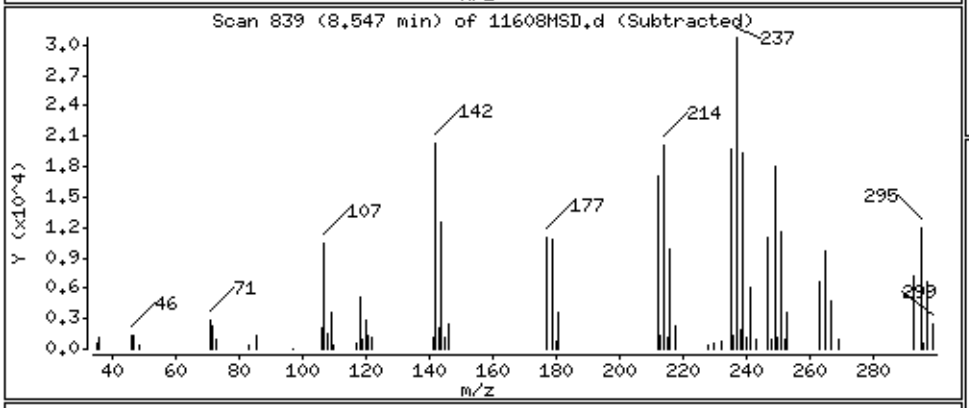
Column diameter: 0.25

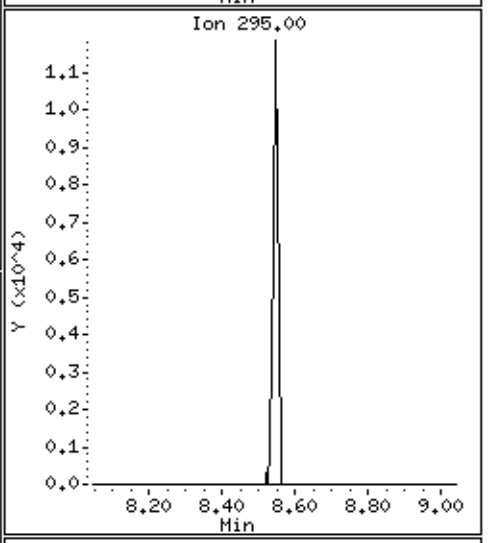
97 Pentachloronitrobenzene

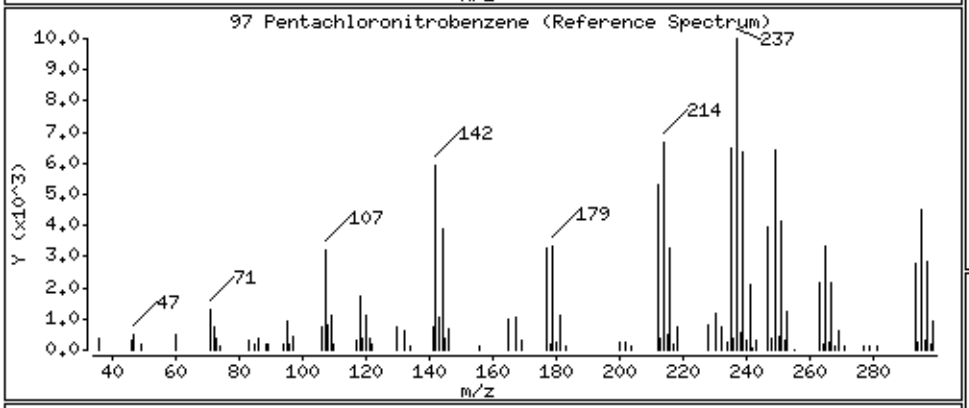
Concentration: 1890 ug/kg

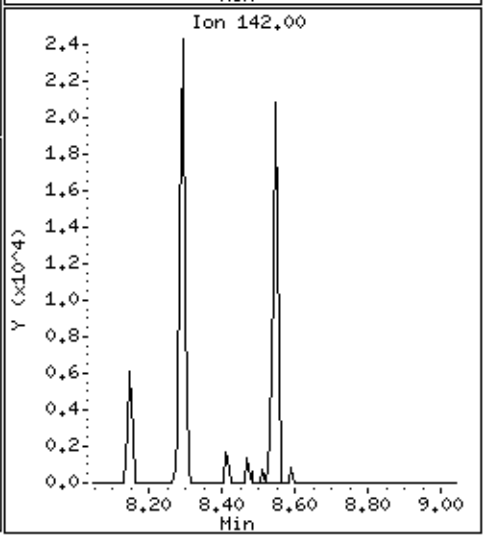


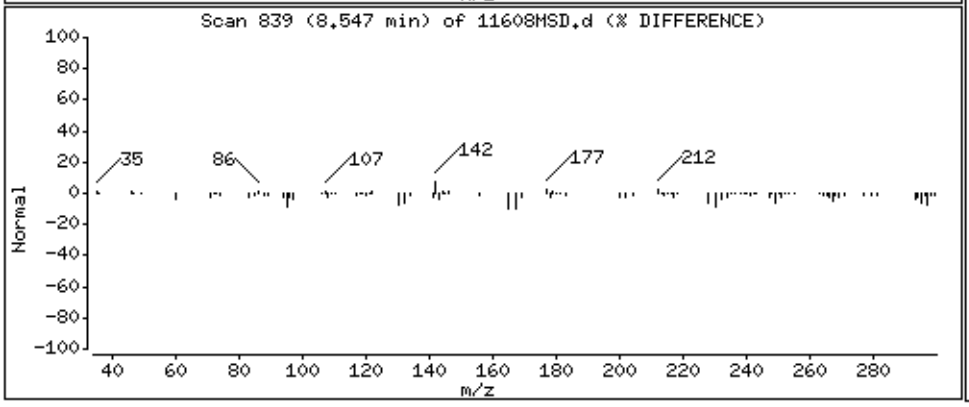












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

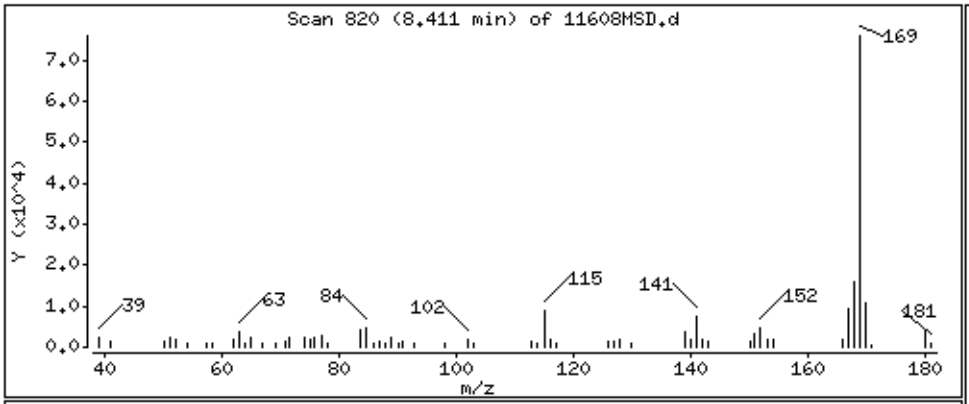
Operator: MJ

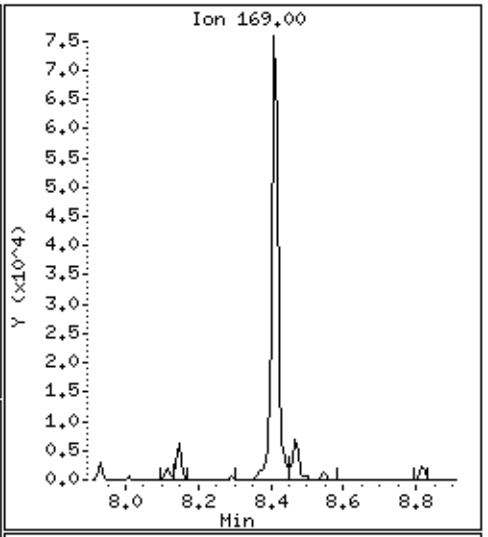
Column phase: HPMS-5

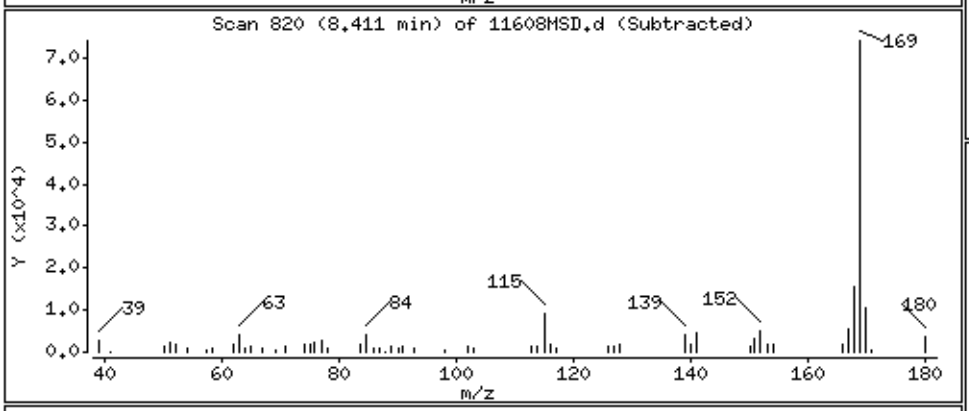
Column diameter: 0.25

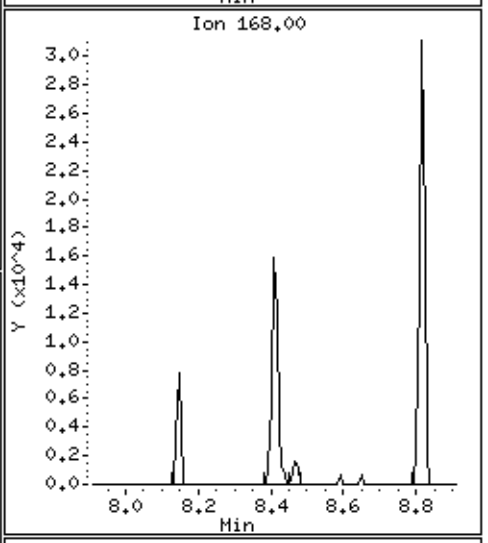
98 4-Aminobiphenyl

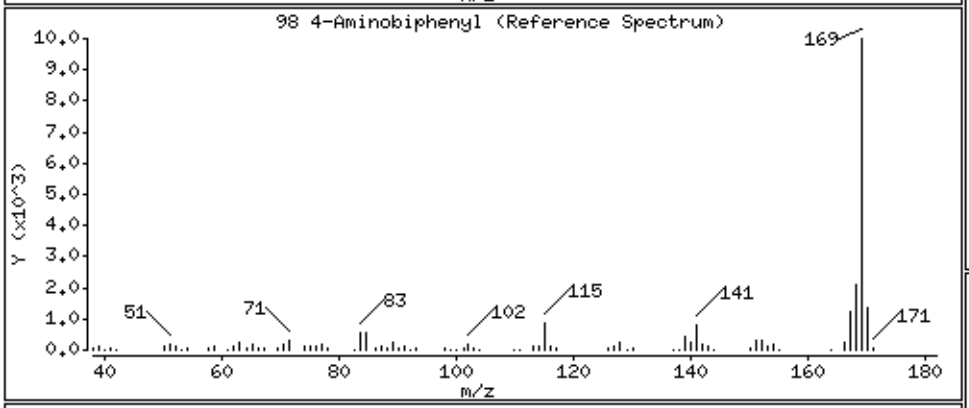
Concentration: 962 ug/kg

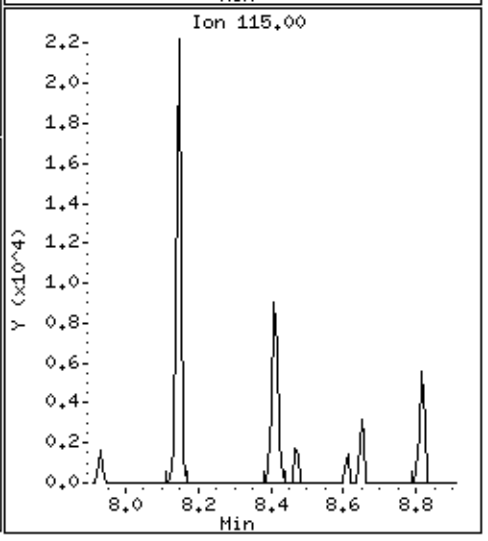


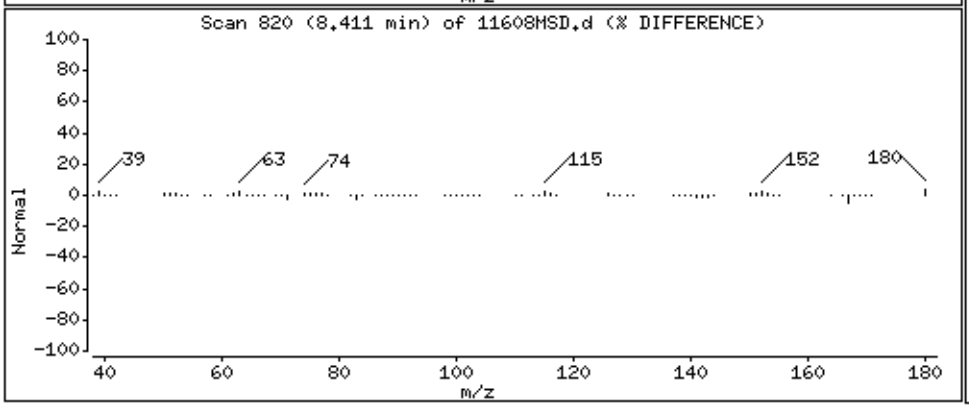












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Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

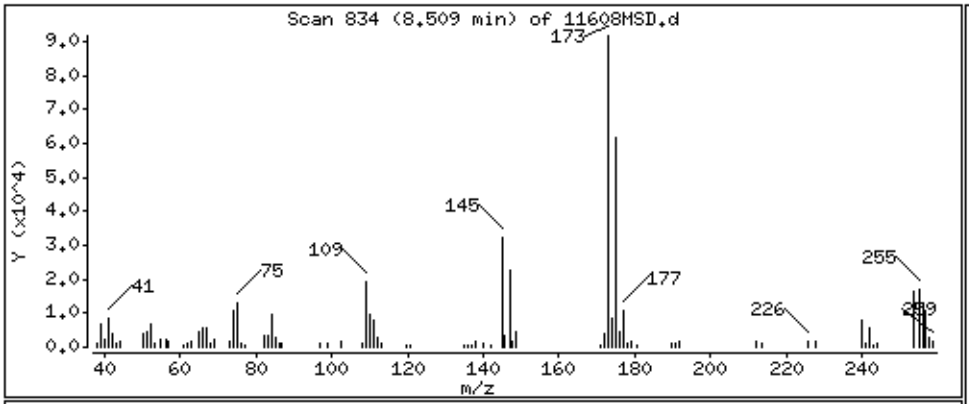
Operator: MJ

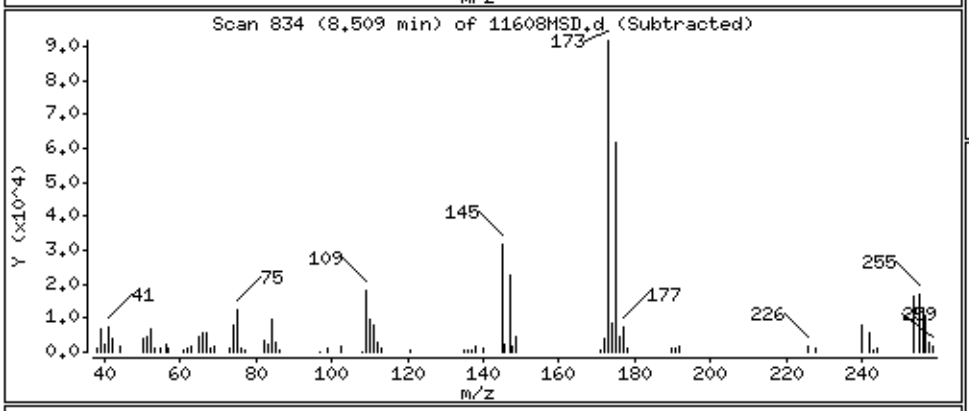
Column phase: HPMS-5

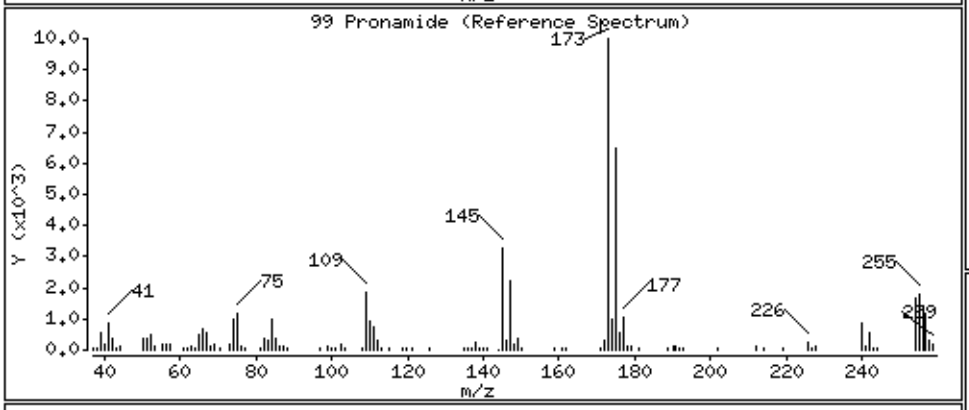
Column diameter: 0.25

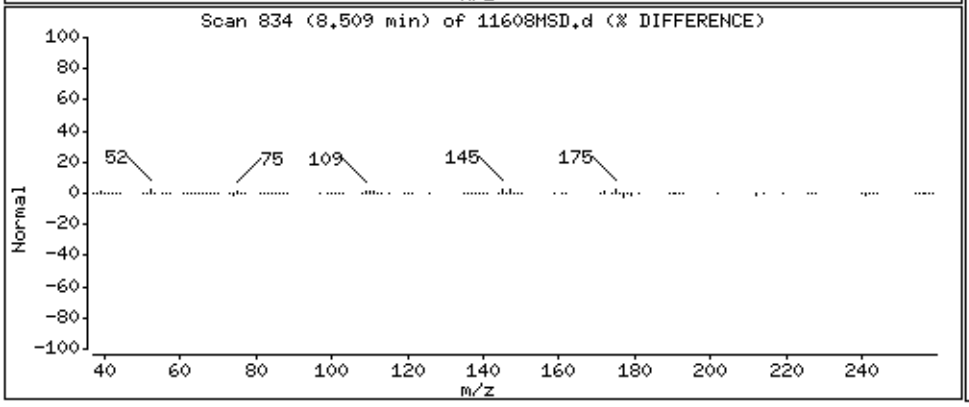
99 Pronamide

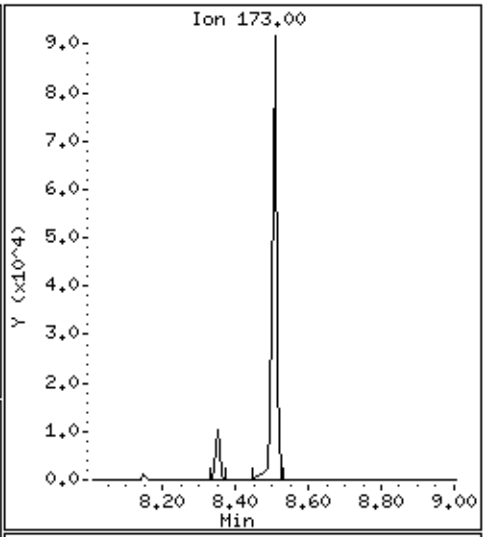
Concentration: 1890 ug/kg

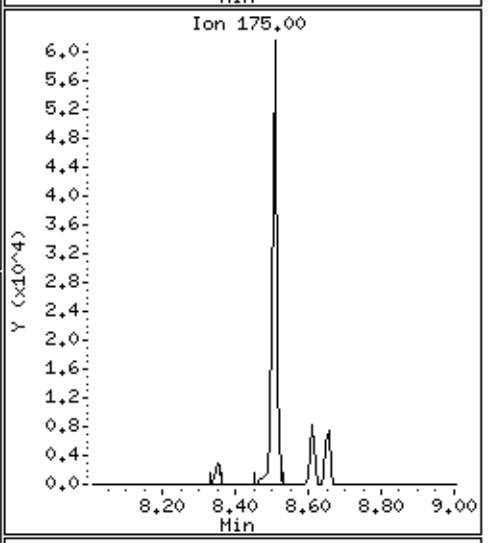


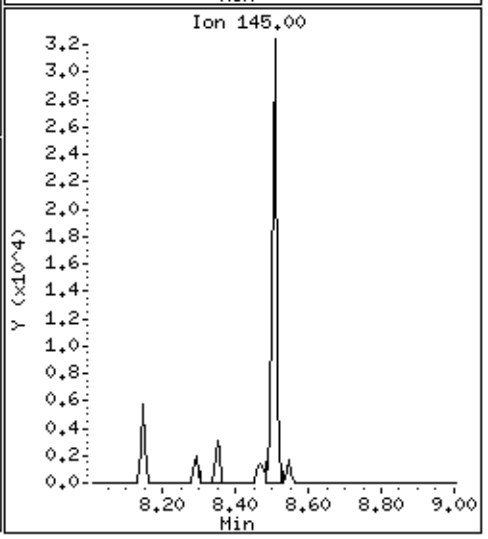












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

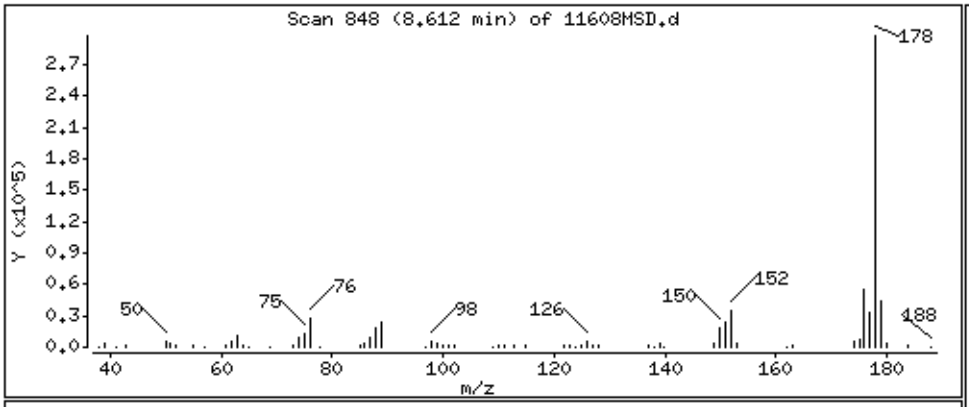
Operator: MJ

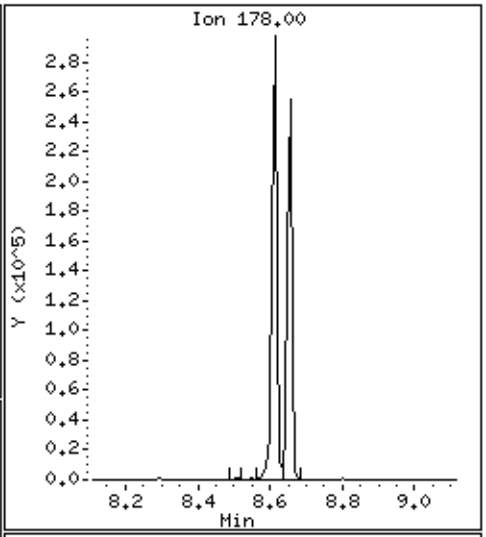
Column phase: HPMS-5

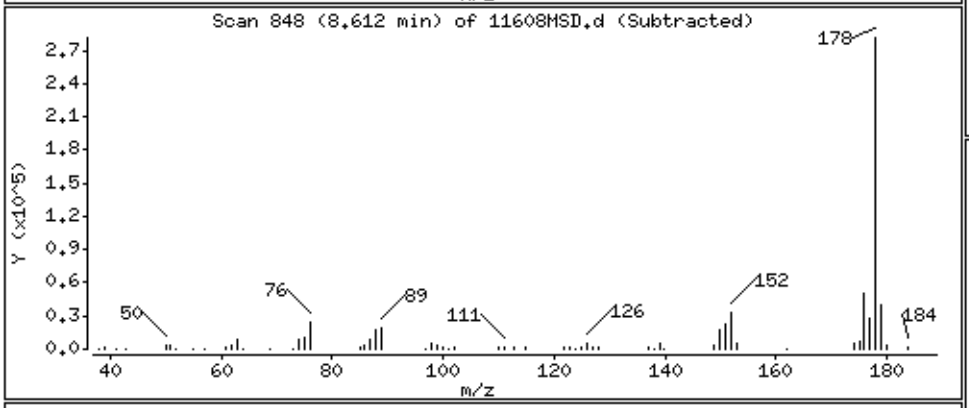
Column diameter: 0.25

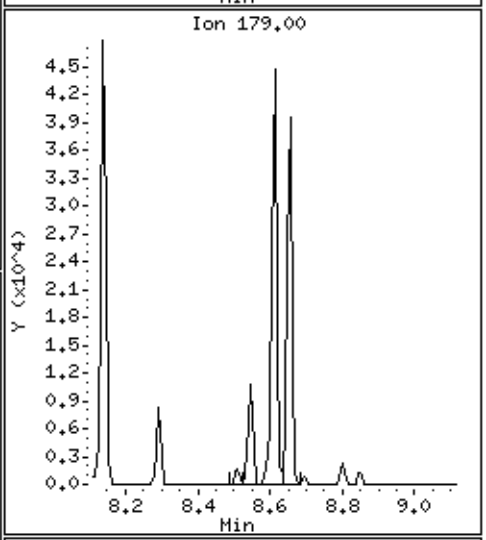
101 Phenanthrene

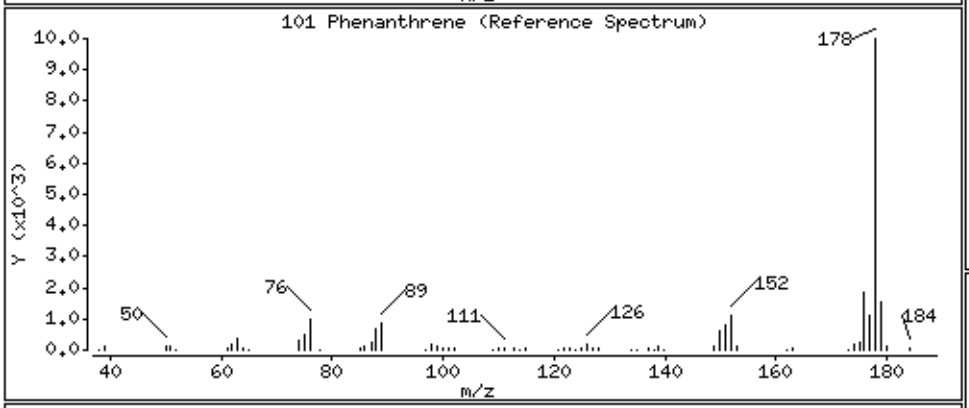
Concentration: 2140 ug/kg

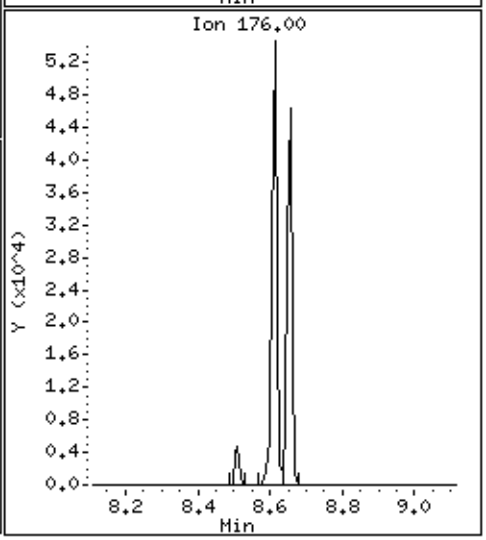


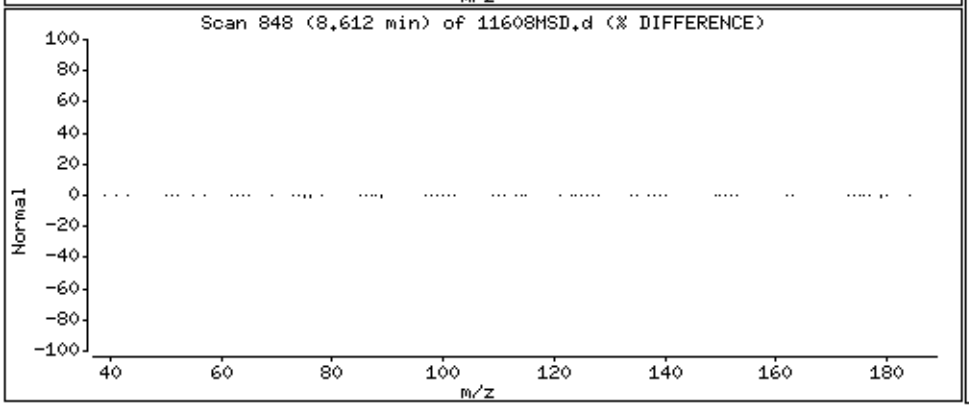












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

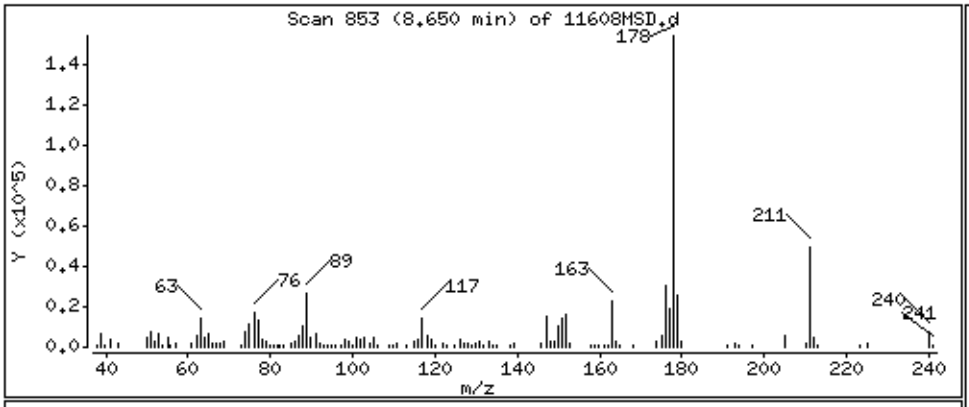
Operator: MJ

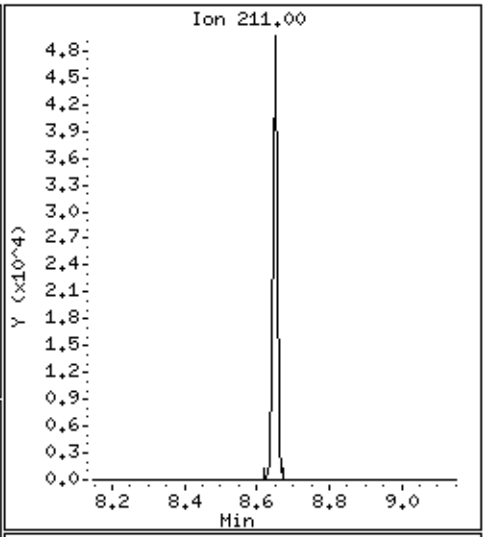
Column phase: HPMS-5

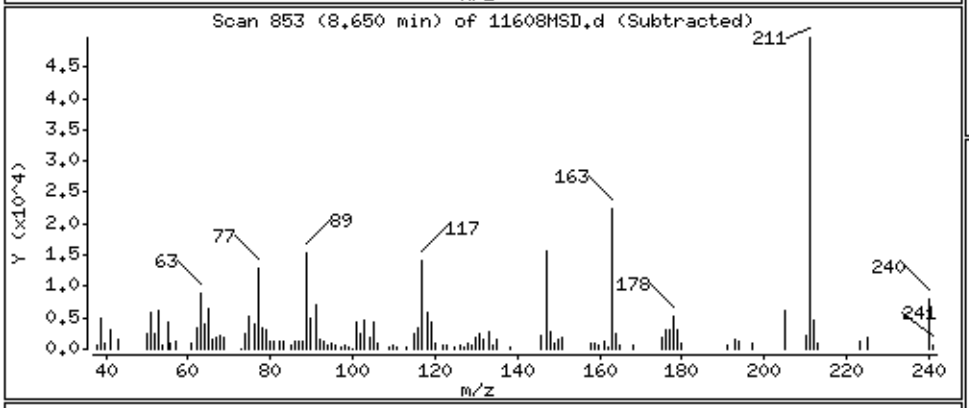
Column diameter: 0.25

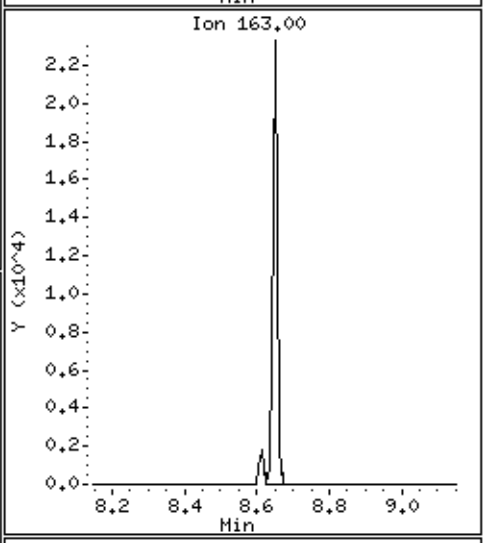
102 Dinoseb

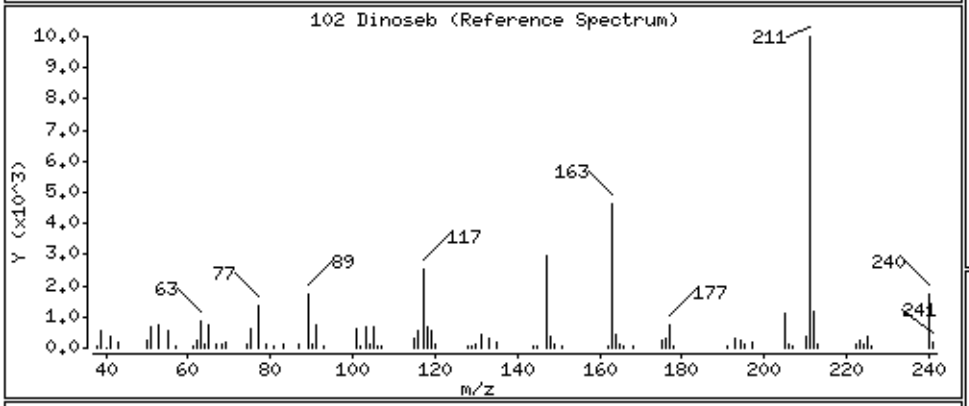
Concentration: 1720 ug/kg

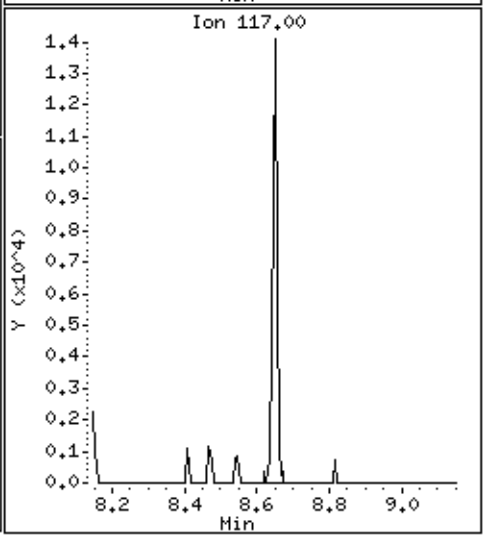


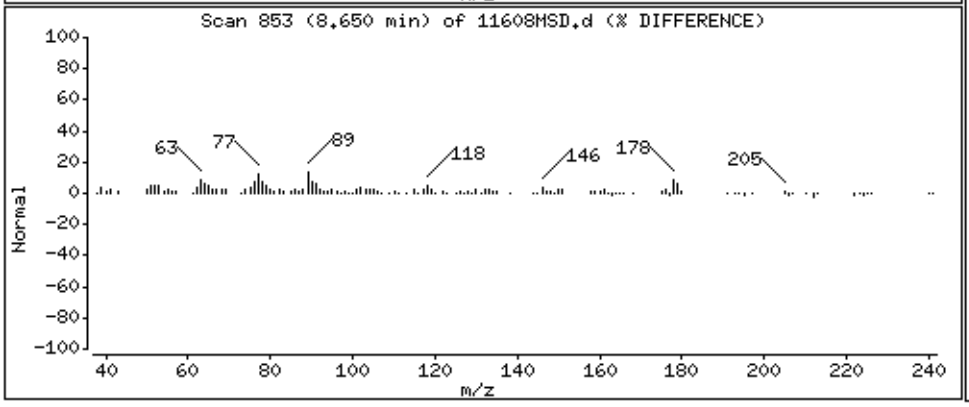












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

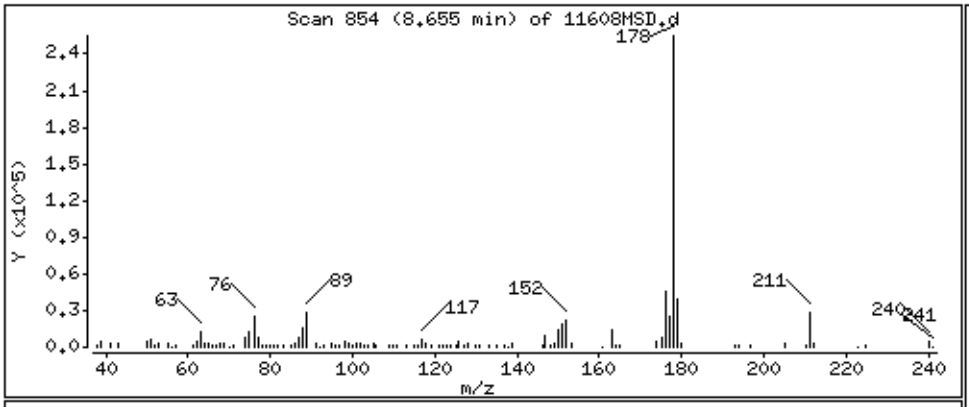
Operator: MJ

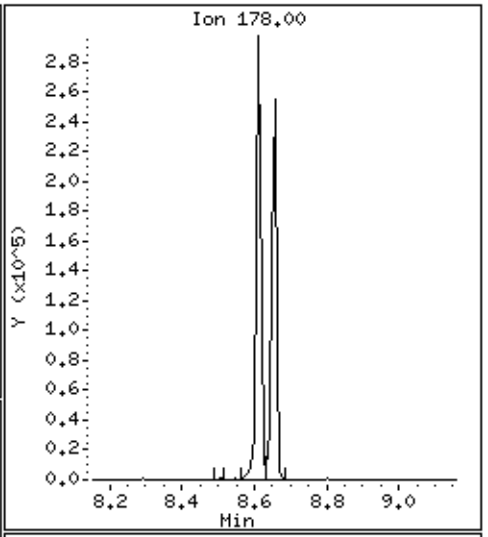
Column phase: HPMS-5

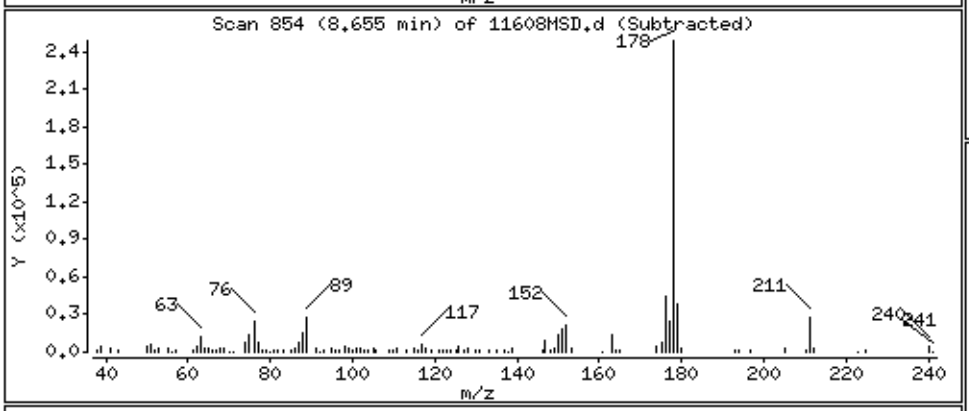
Column diameter: 0.25

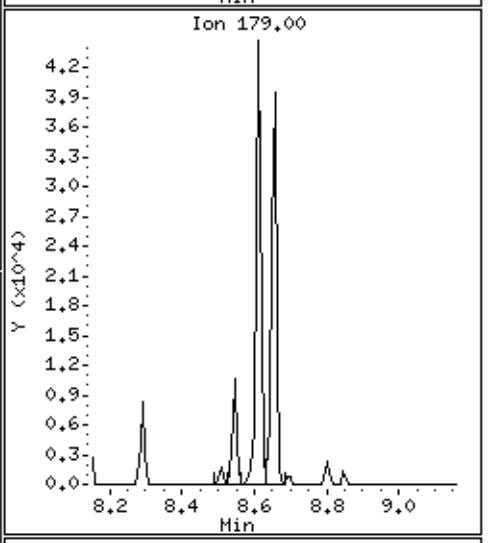
103 Anthracene

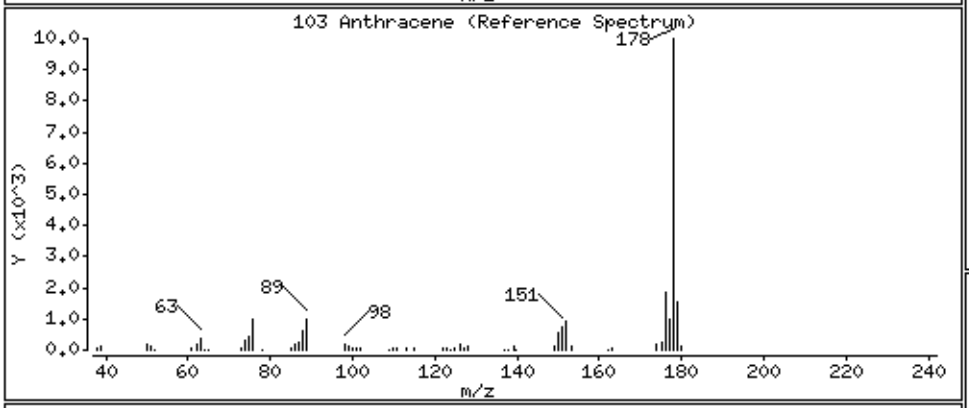
Concentration: 2080 ug/kg

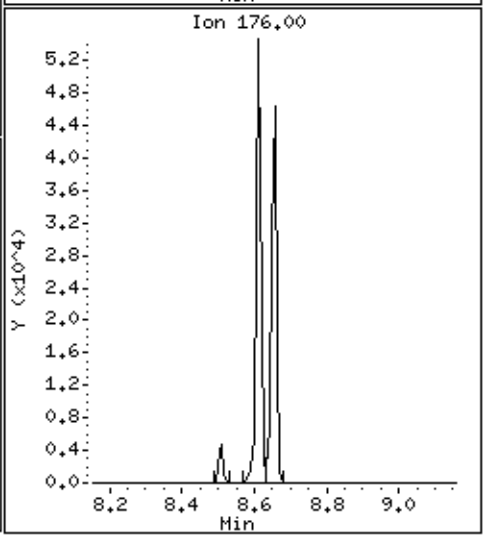


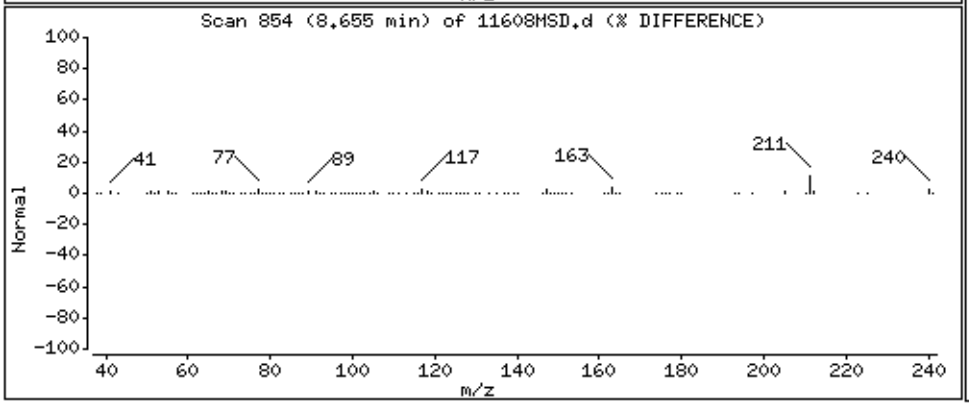












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

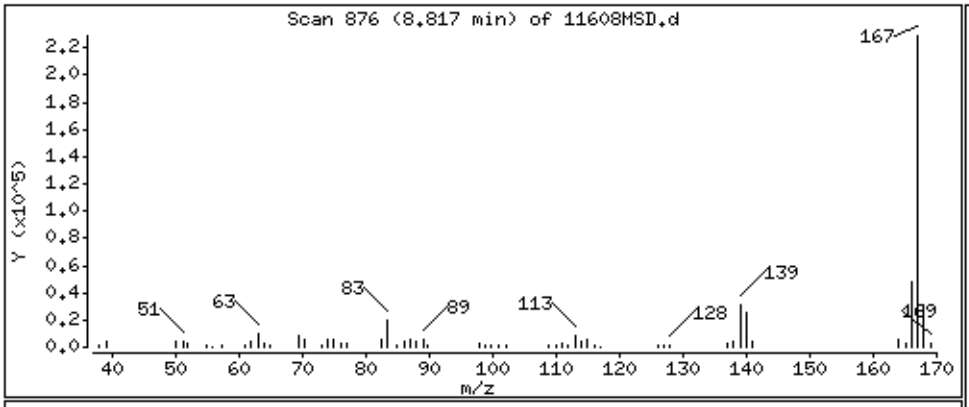
Operator: MJ

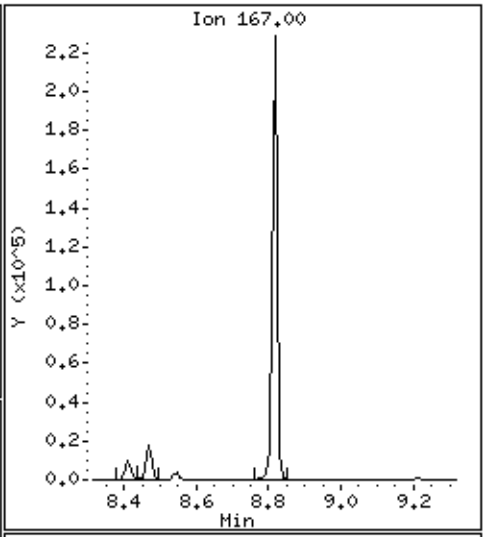
Column phase: HPMS-5

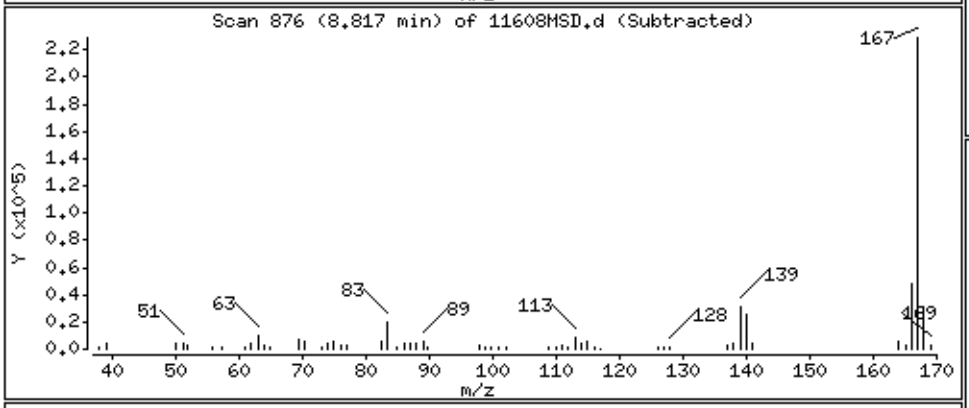
Column diameter: 0.25

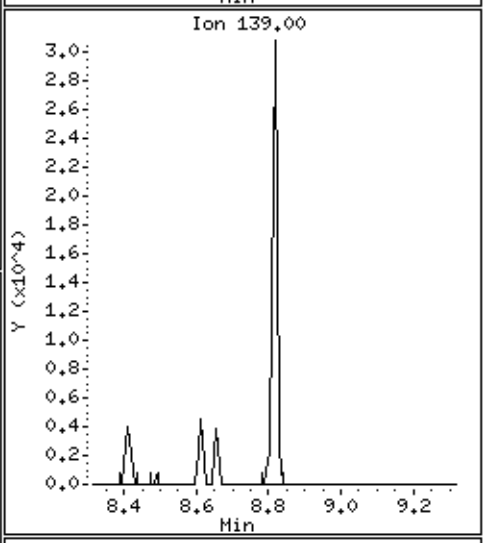
104 Carbazole

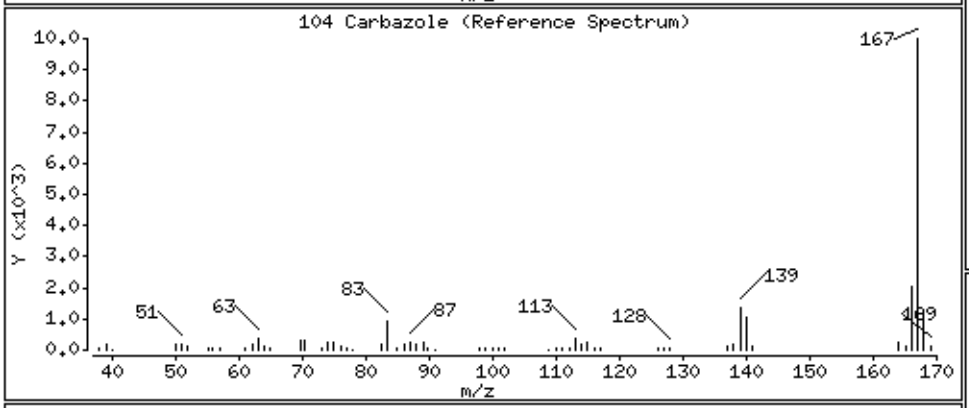
Concentration: 1880 ug/kg

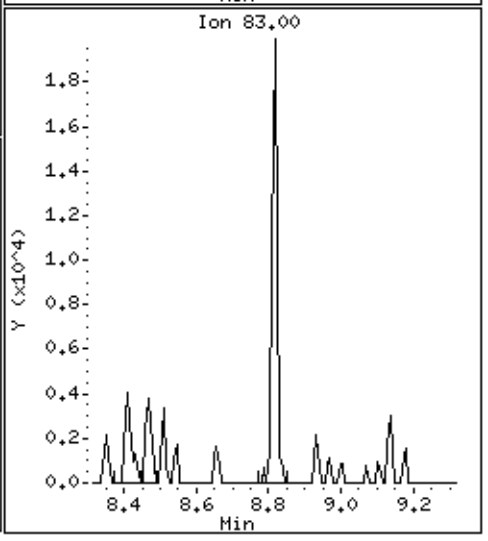


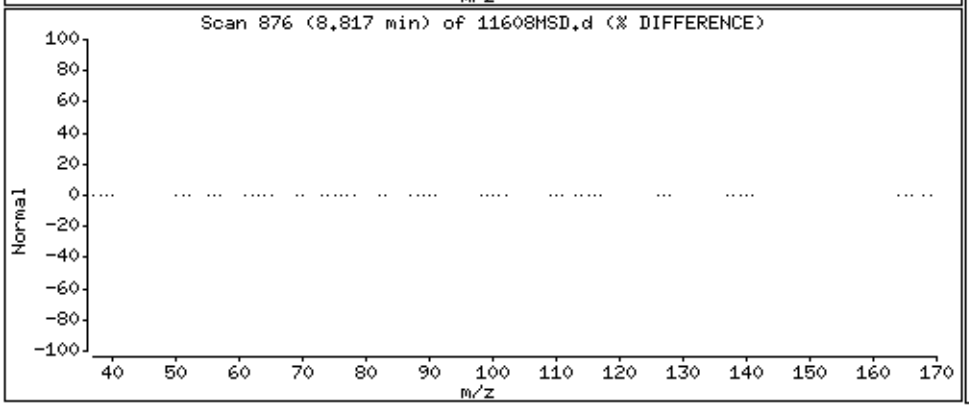












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

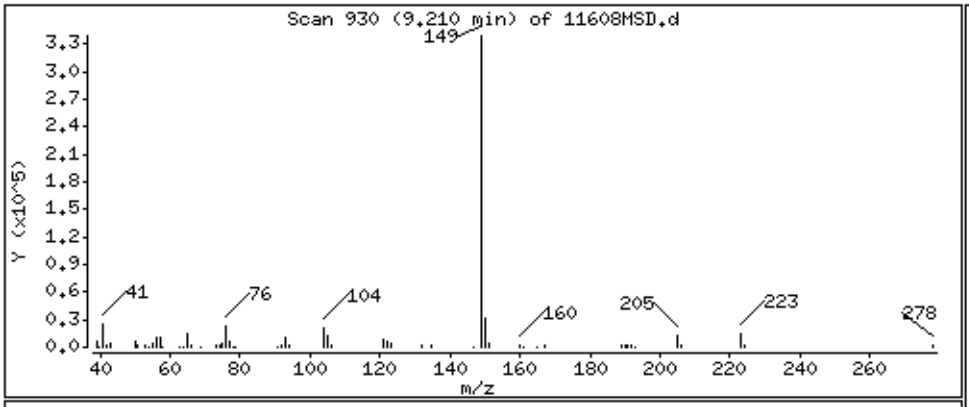
Operator: MJ

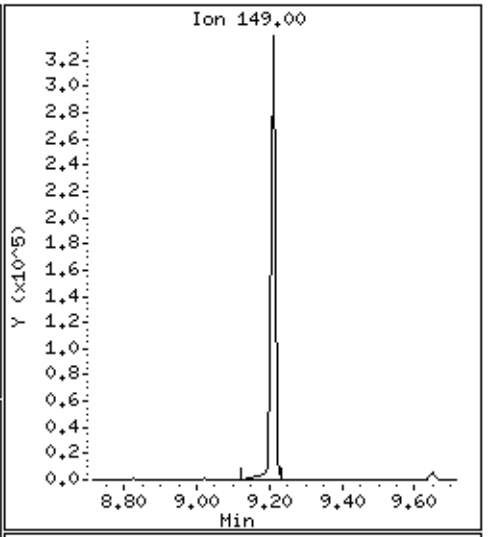
Column phase: HPMS-5

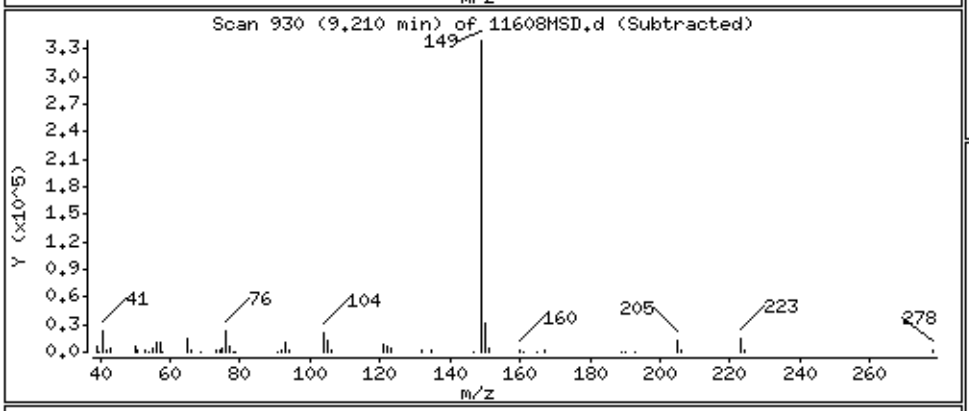
Column diameter: 0.25

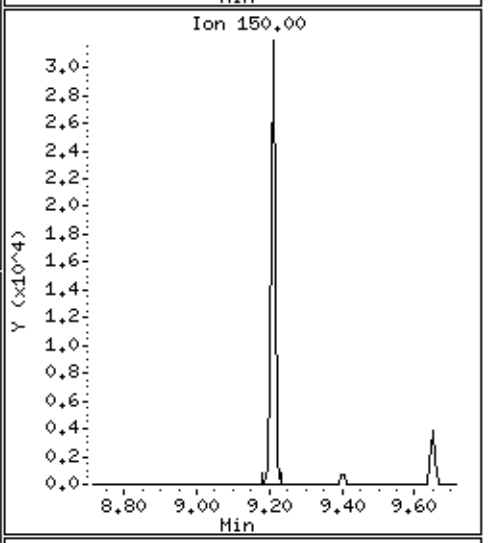
105 Di-n-butylphthalate

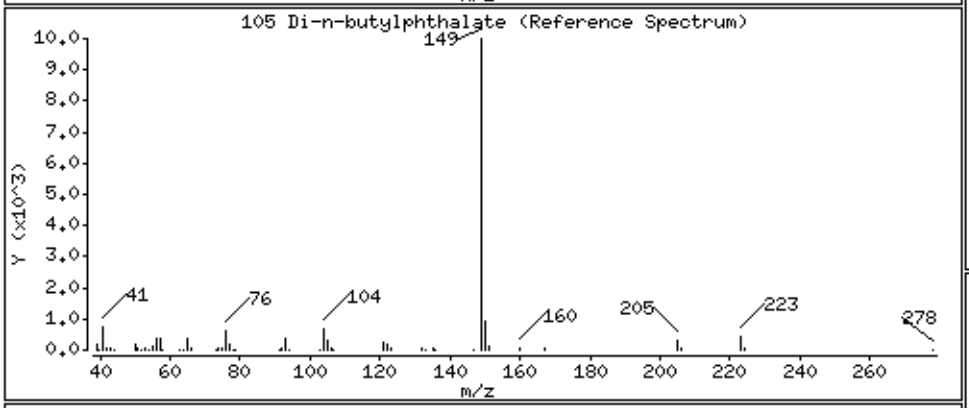
Concentration: 1920 ug/kg

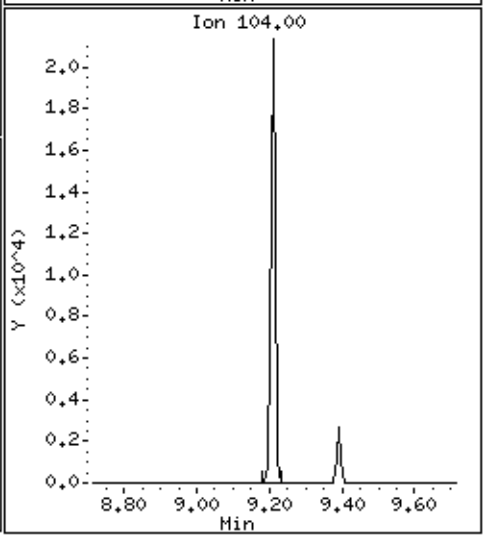


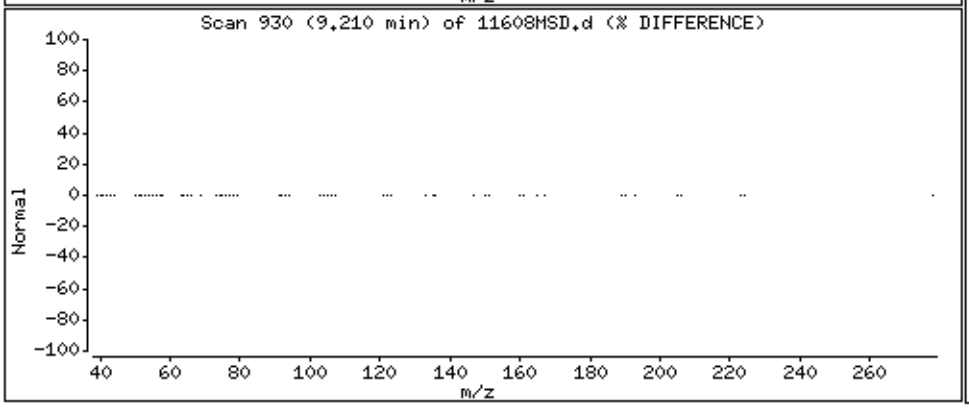












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

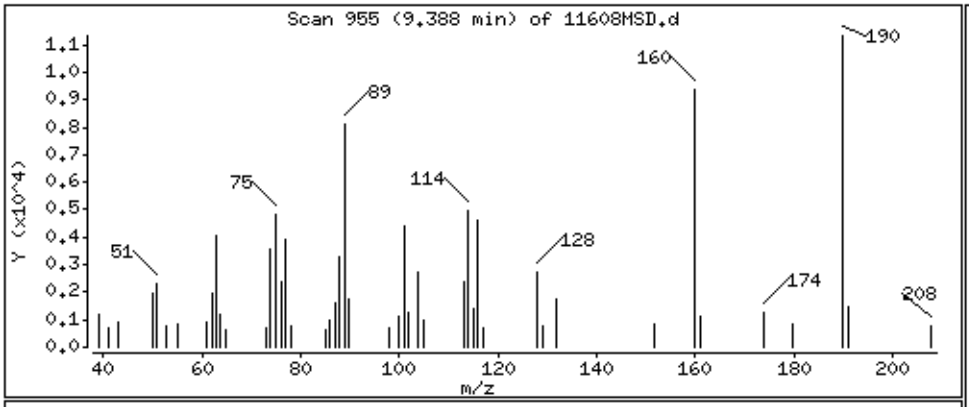
Operator: MJ

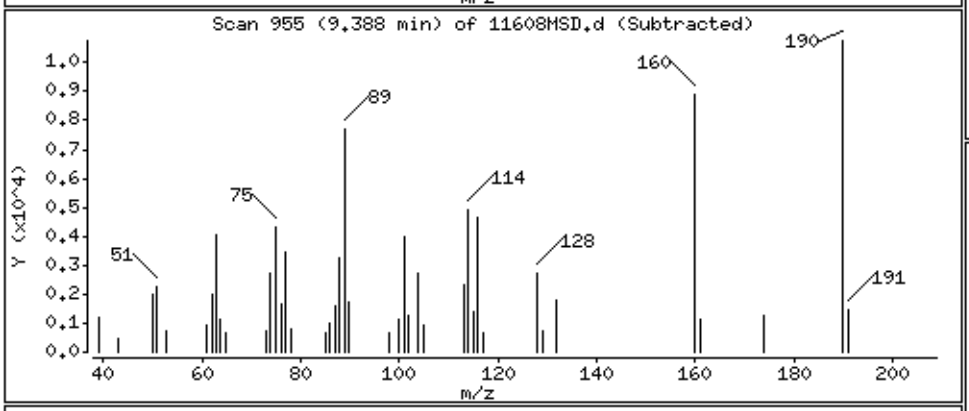
Column phase: HPMS-5

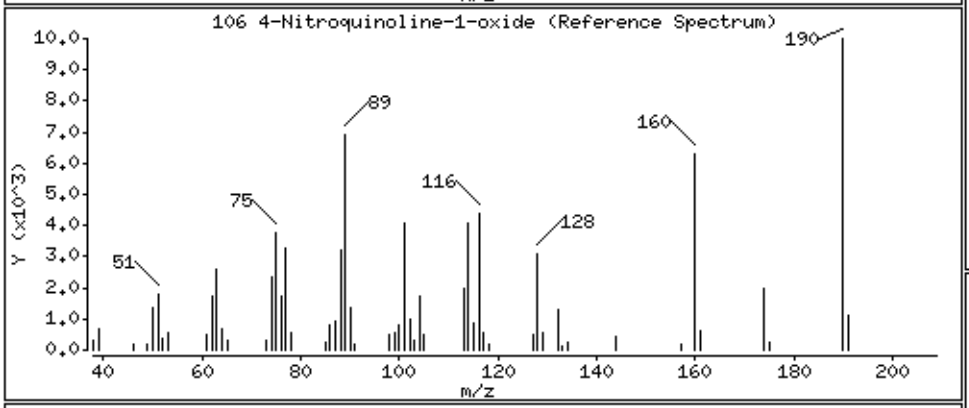
Column diameter: 0.25

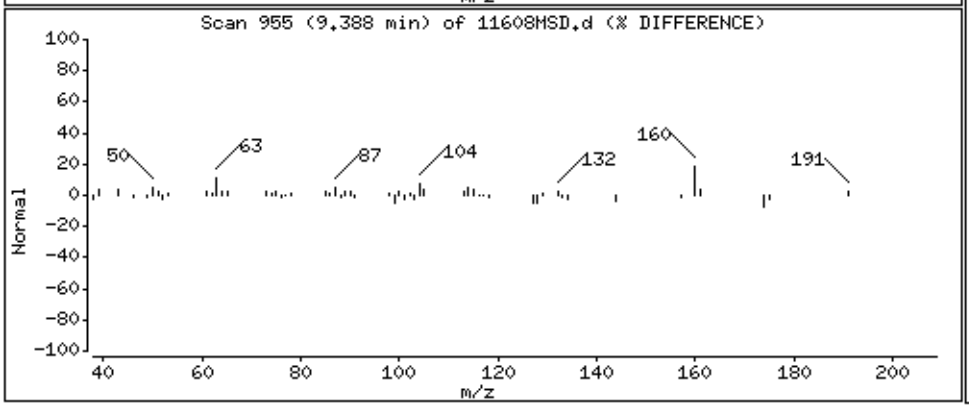
106 4-Nitroquinoline-1-oxide

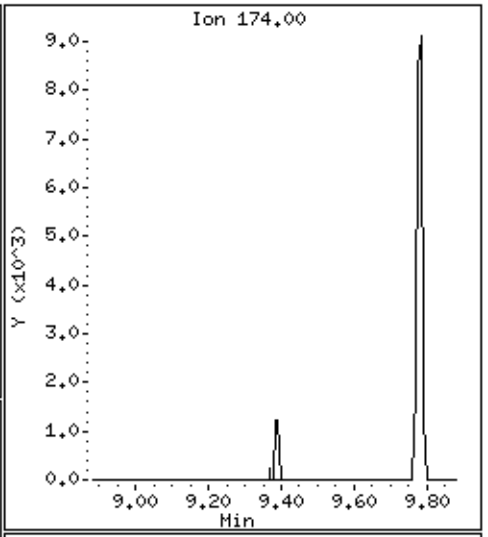
Concentration: 640 ug/kg

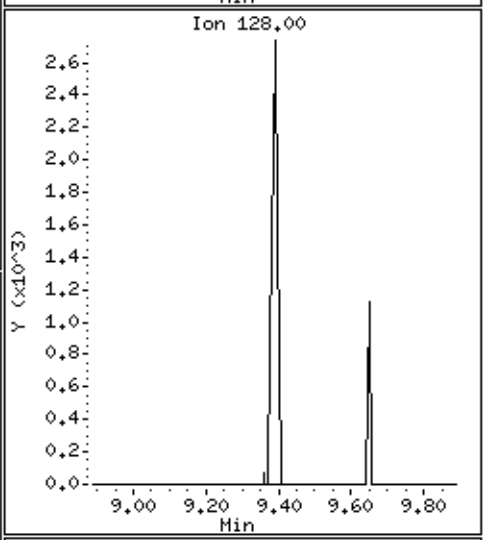


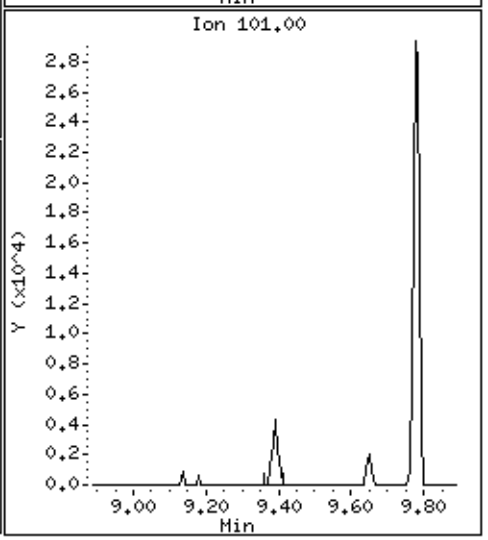












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

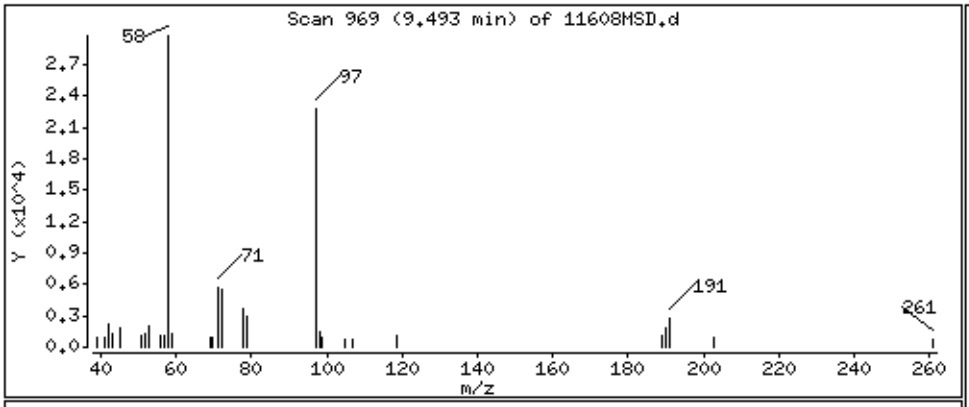
Operator: MJ

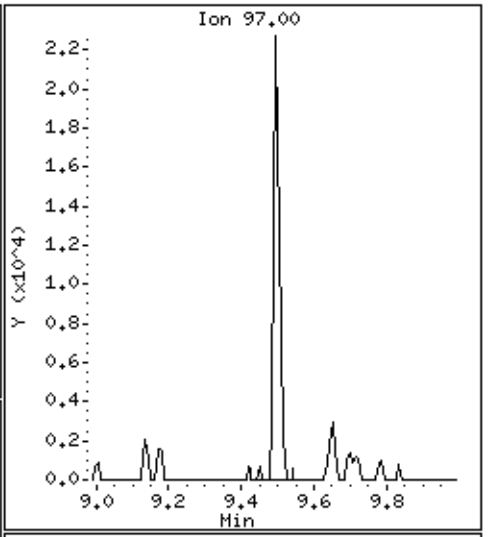
Column phase: HPMS-5

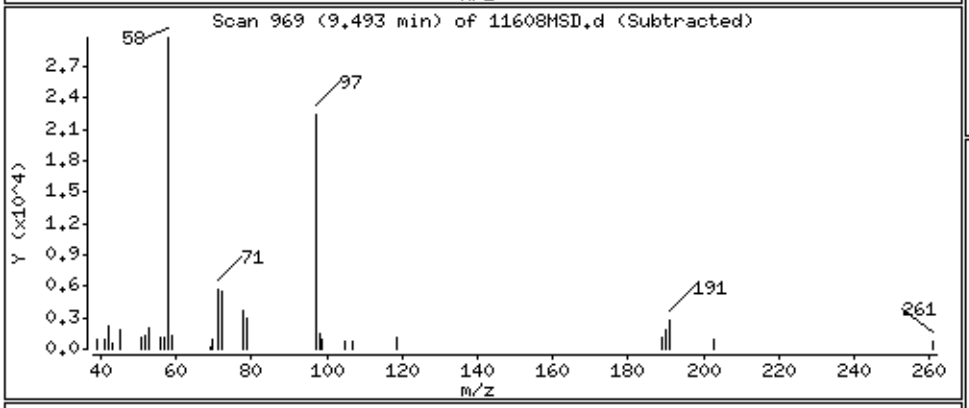
Column diameter: 0.25

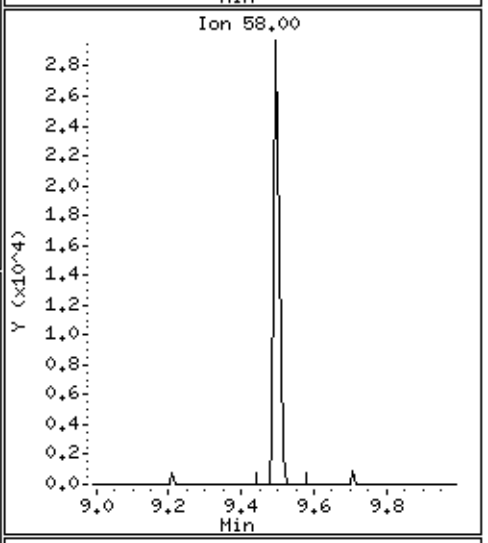
107 Methapyrilene

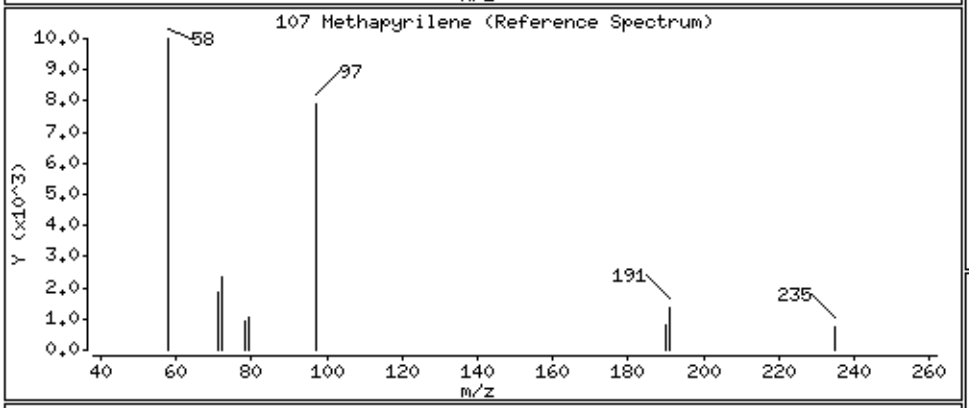
Concentration: 420 ug/kg

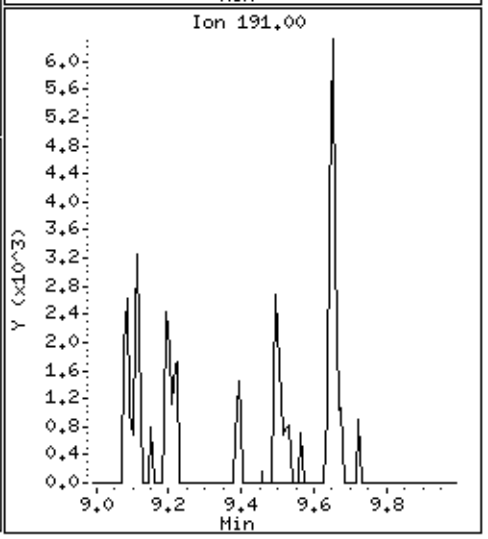


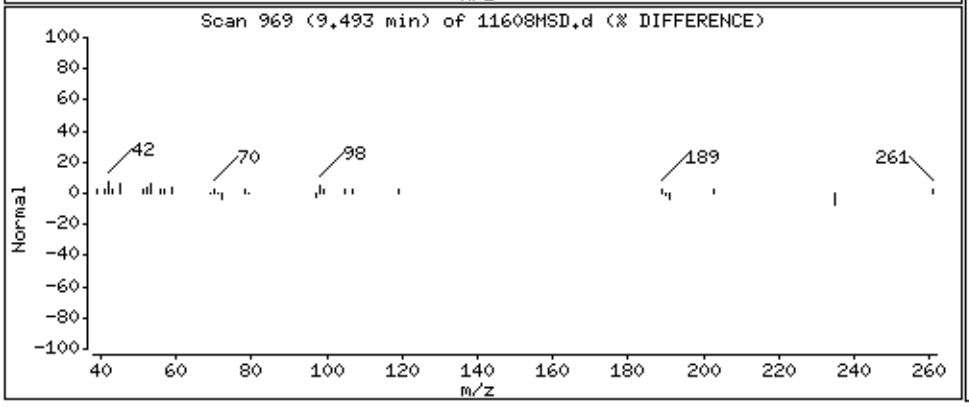












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

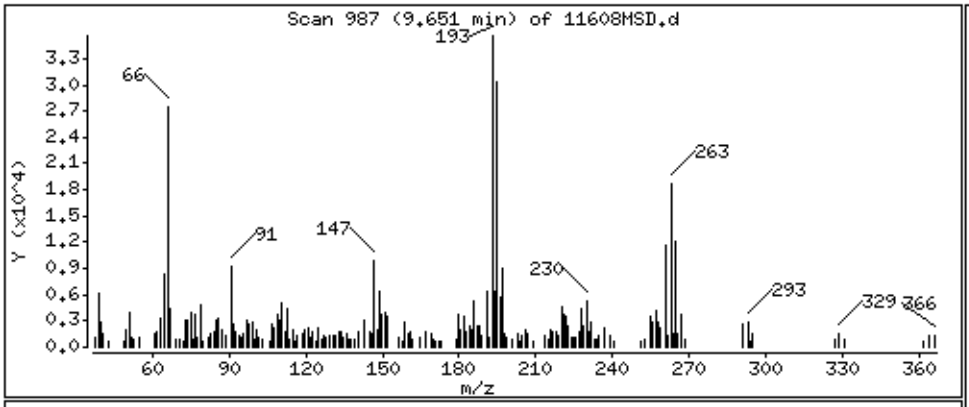
Operator: MJ

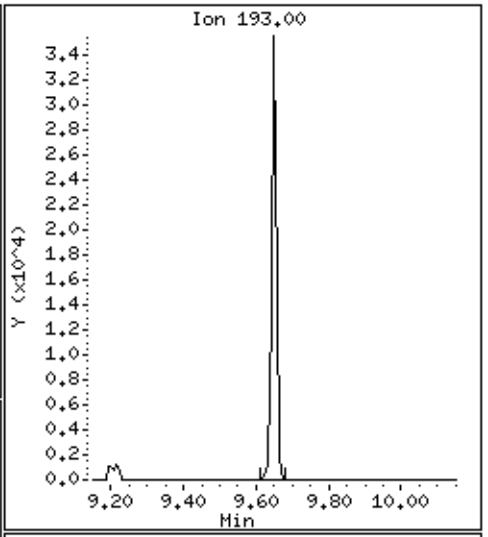
Column phase: HPMS-5

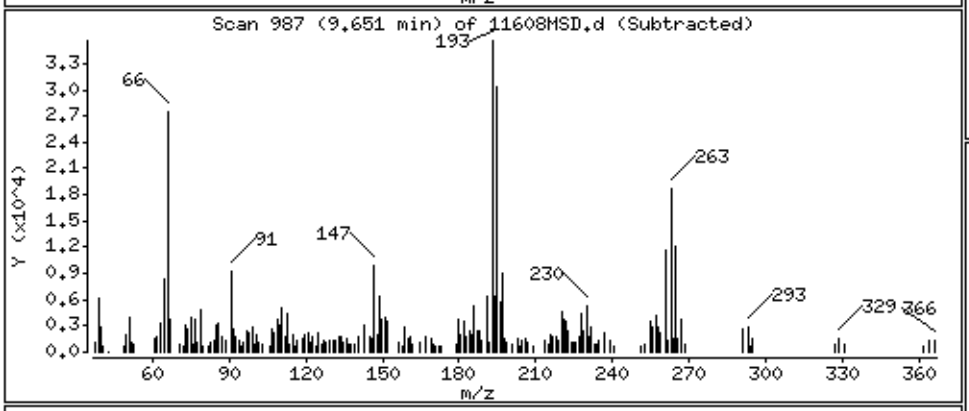
Column diameter: 0.25

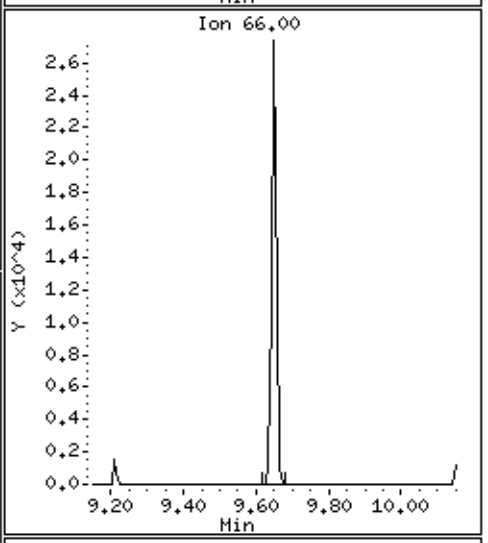
108 Isodrin

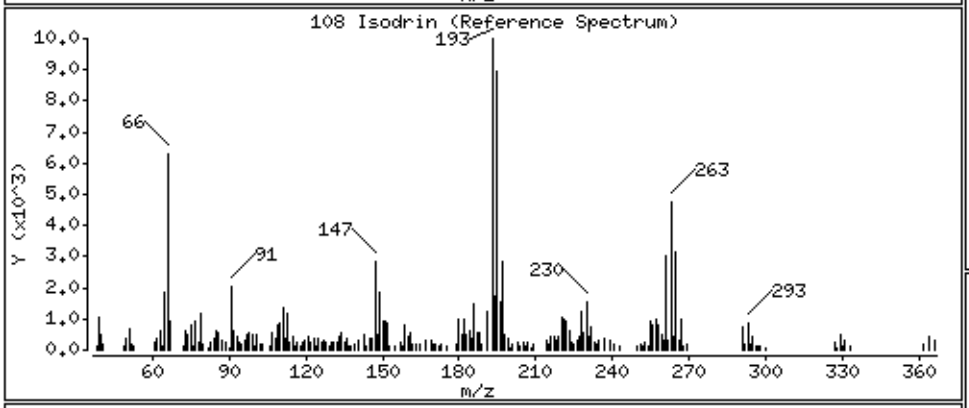
Concentration: 1920 ug/kg

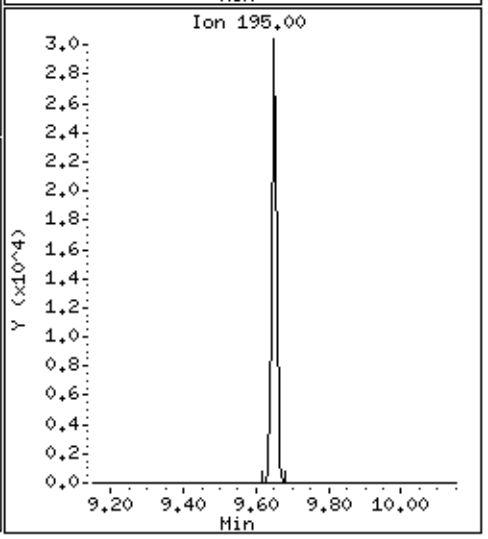


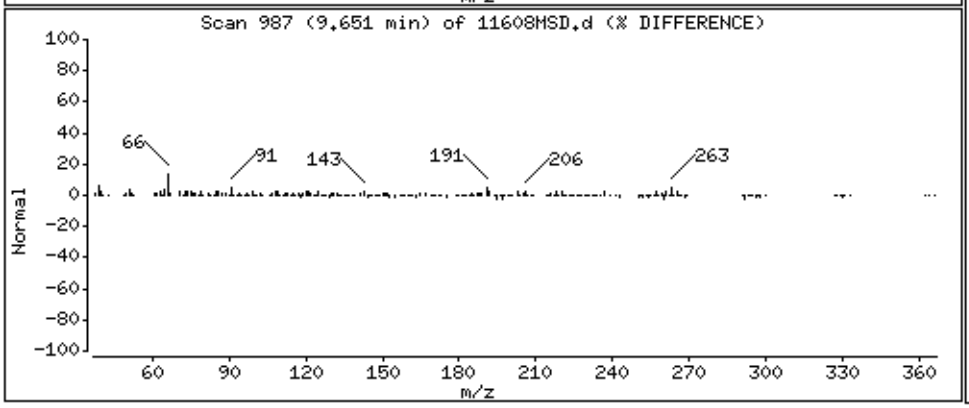












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

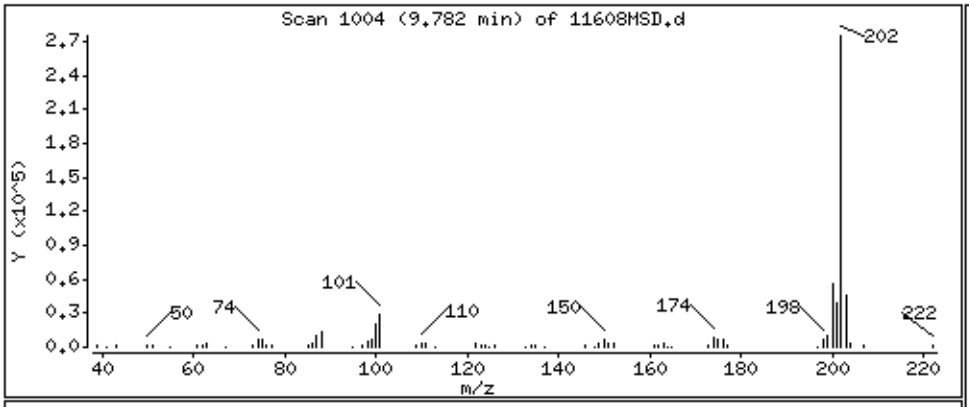
Operator: MJ

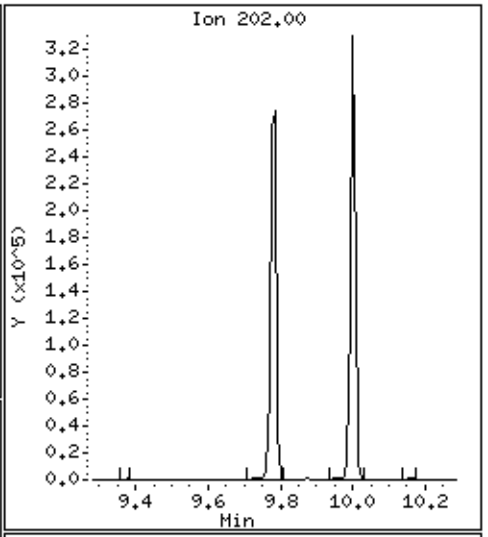
Column phase: HPMS-5

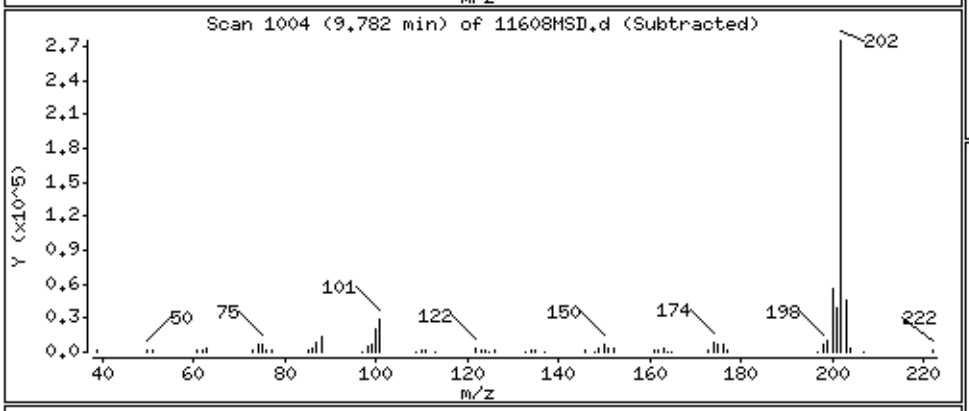
Column diameter: 0.25

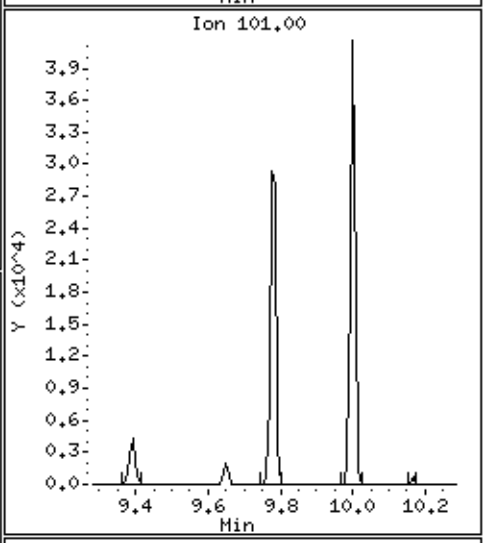
109 Fluoranthene

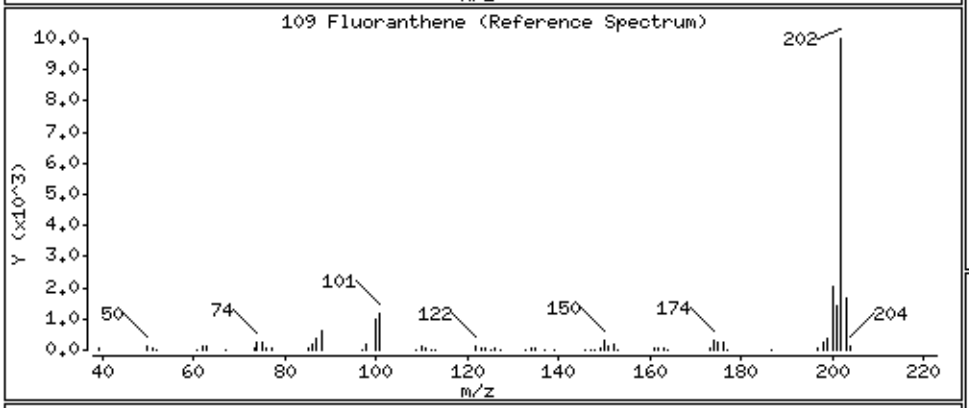
Concentration: 2190 ug/kg

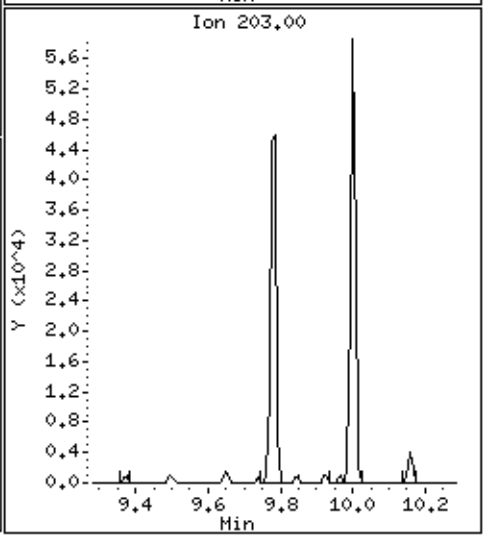


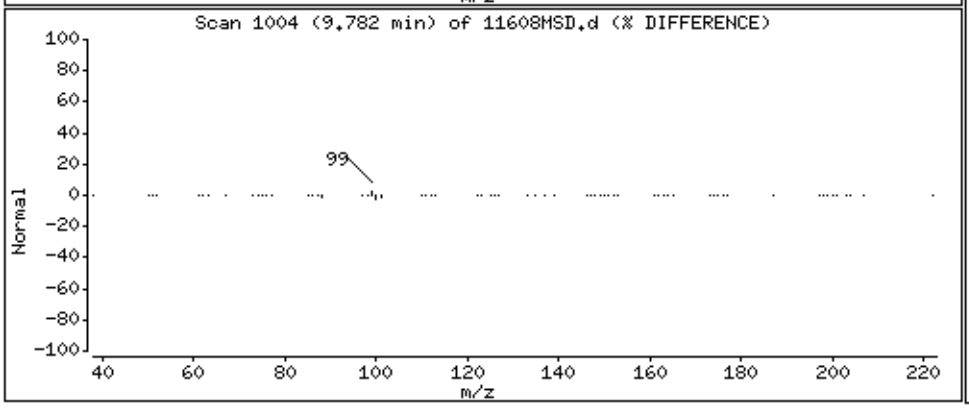












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

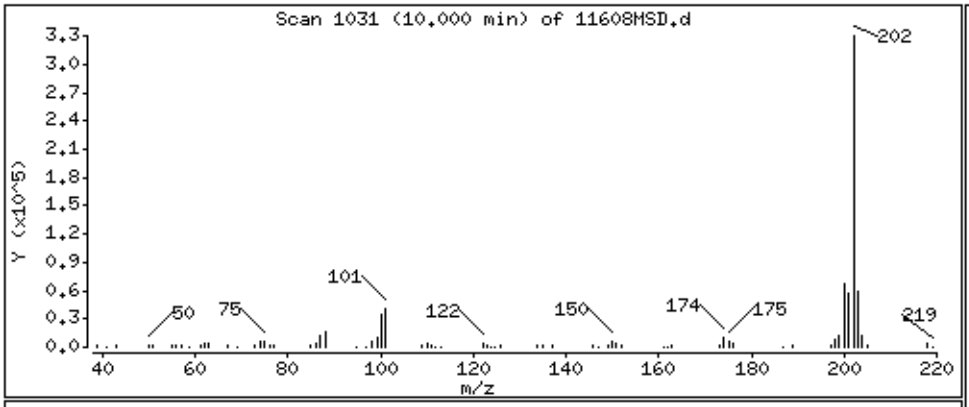
Operator: MJ

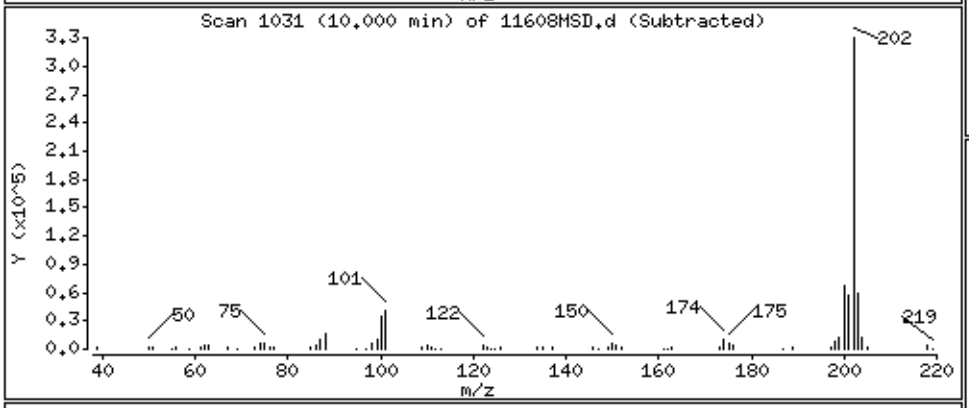
Column phase: HPMS-5

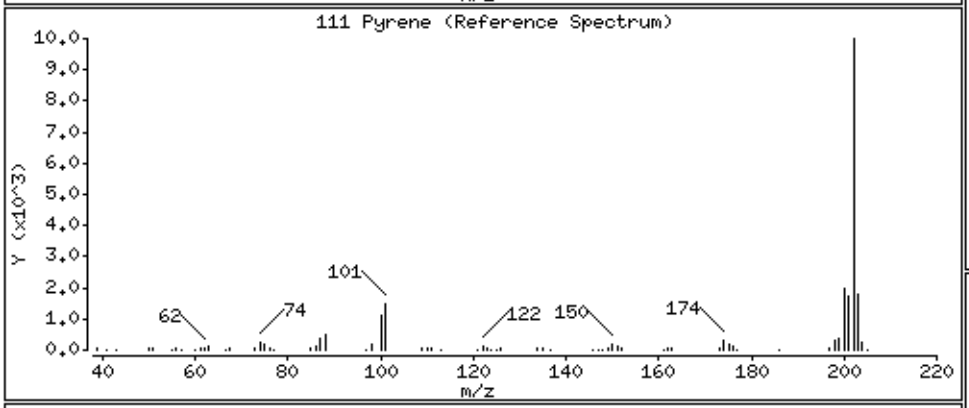
Column diameter: 0.25

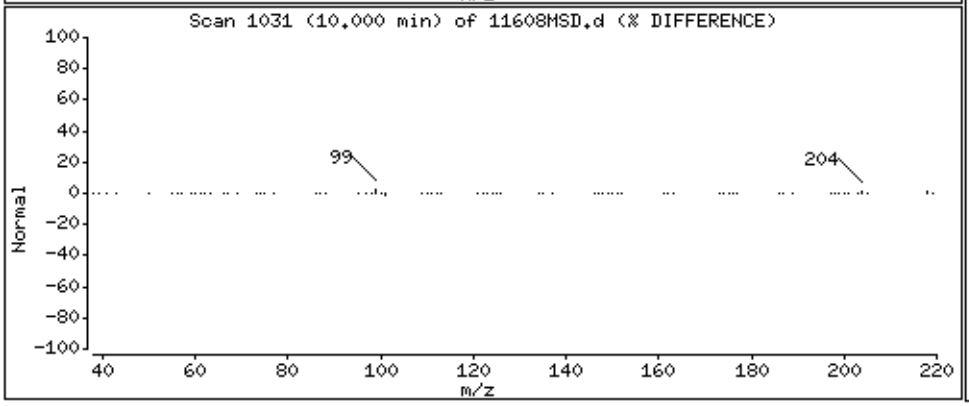
111 Pyrene

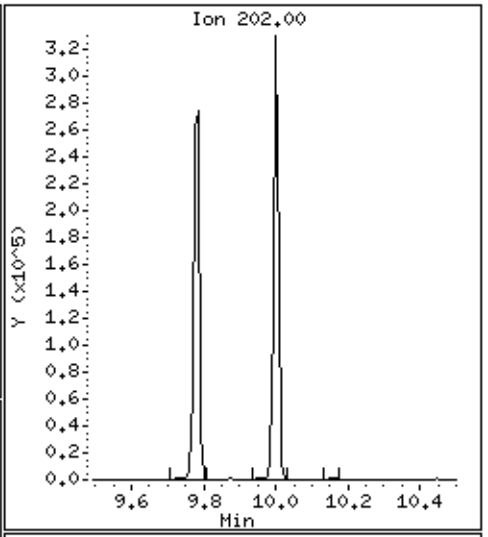
Concentration: 2100 ug/kg

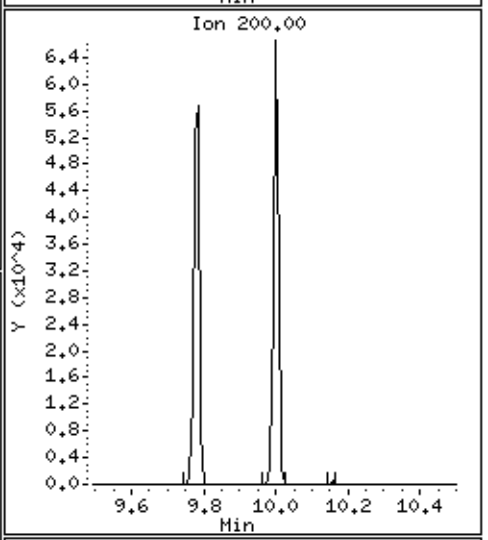


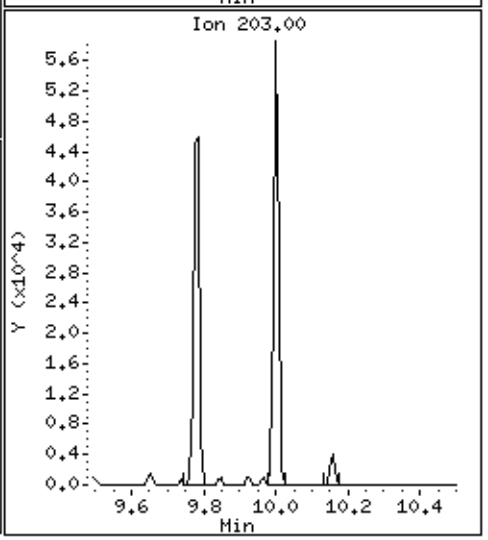












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

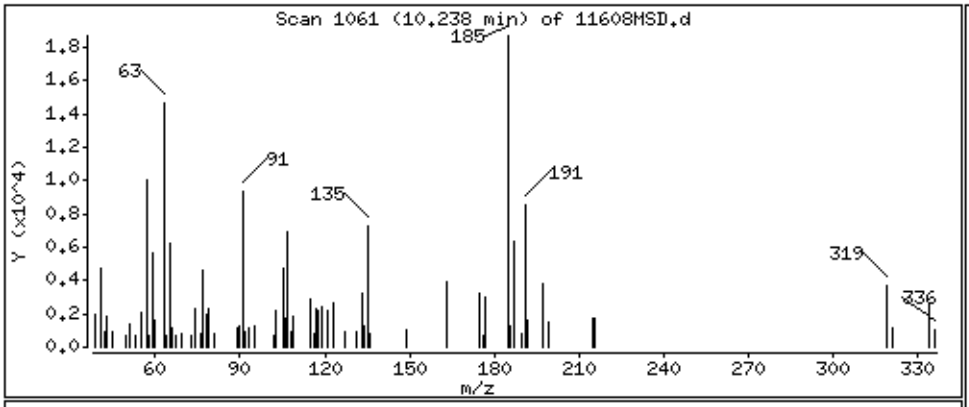
Operator: MJ

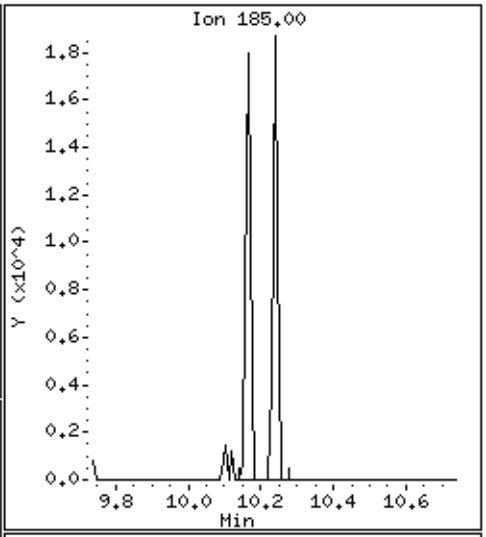
Column phase: HPMS-5

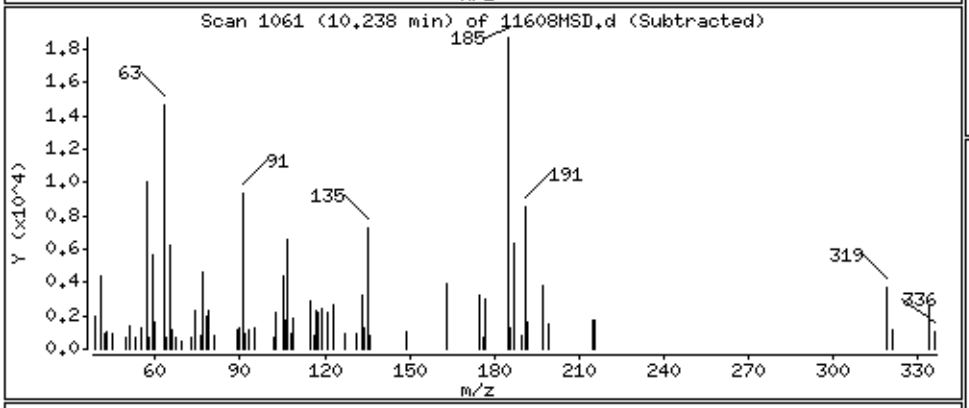
Column diameter: 0.25

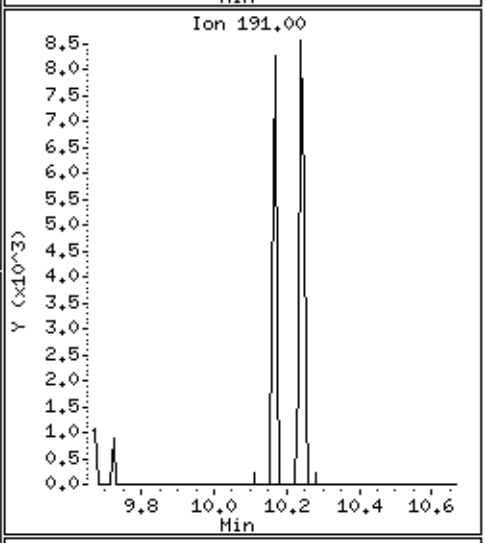
113 Aramite

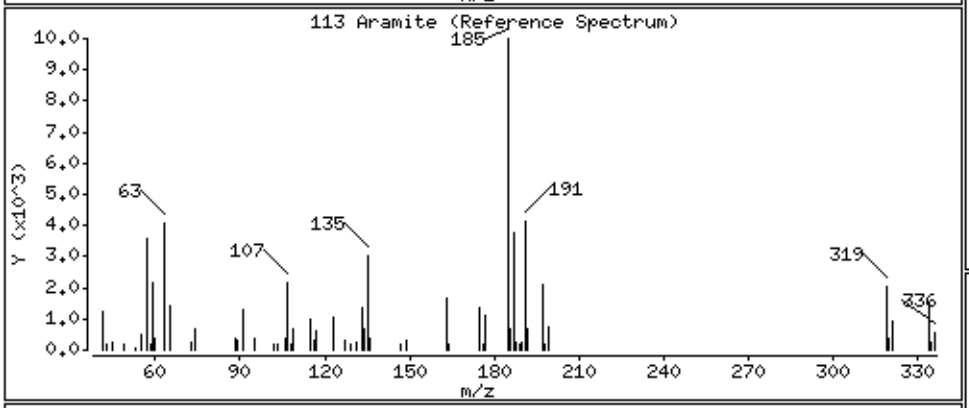
Concentration: 1390 ug/kg

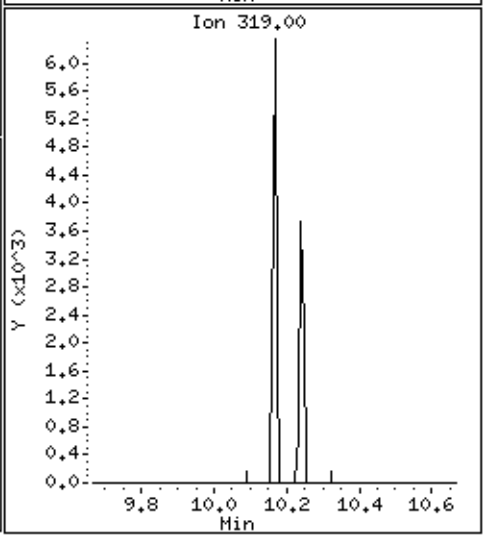


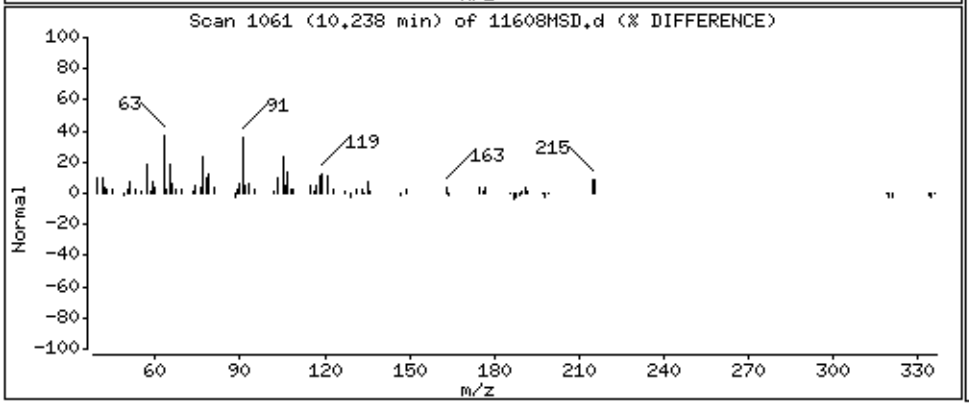












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

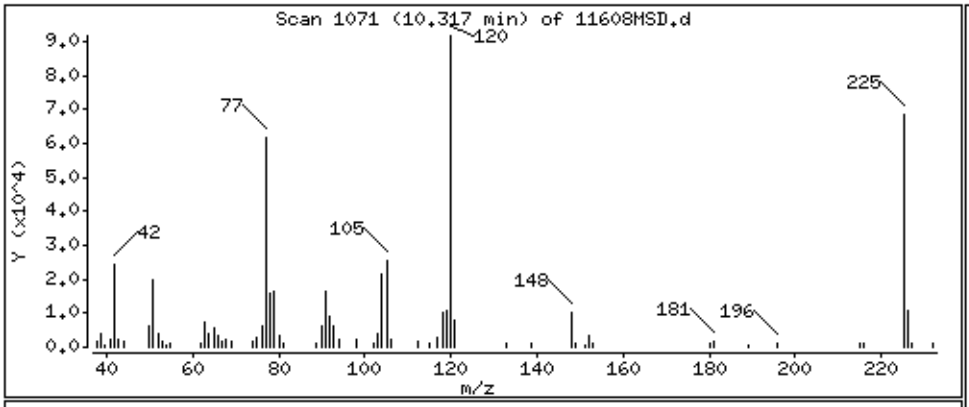
Operator: MJ

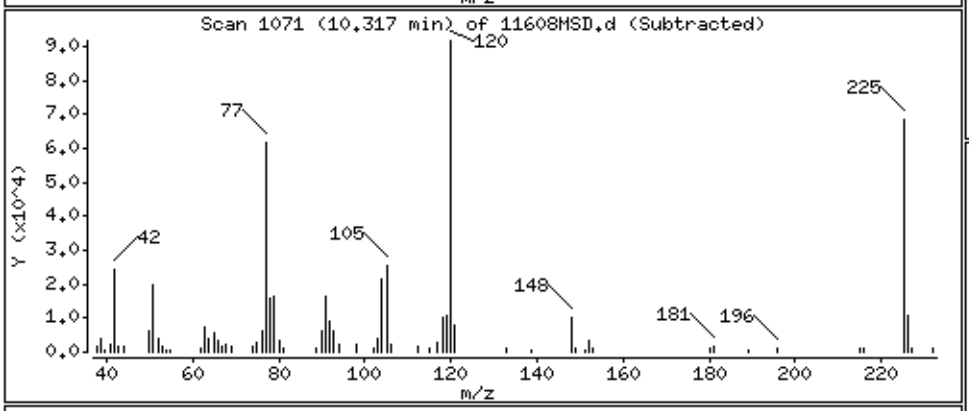
Column phase: HPMS-5

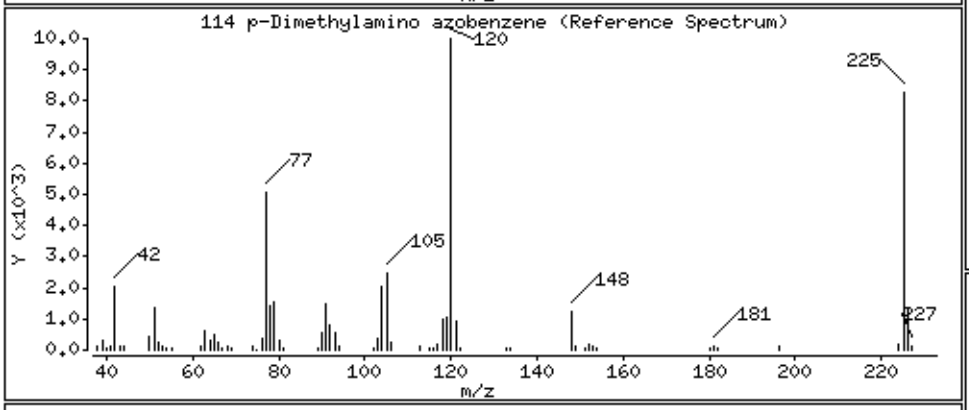
Column diameter: 0.25

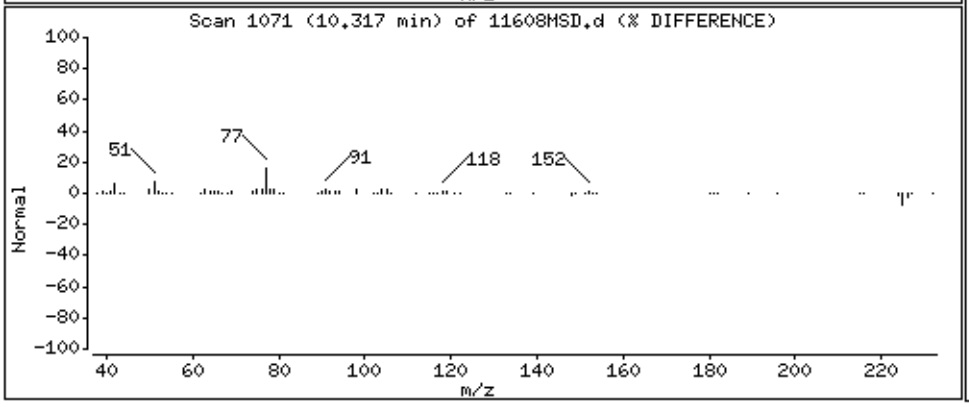
114 p-Dimethylamino azobenzene

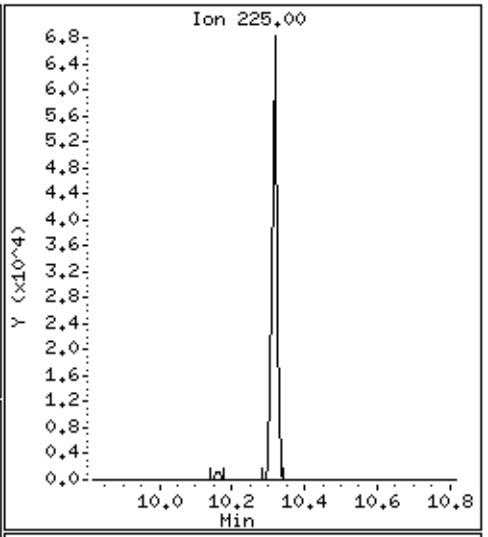
Concentration: 1660 ug/kg

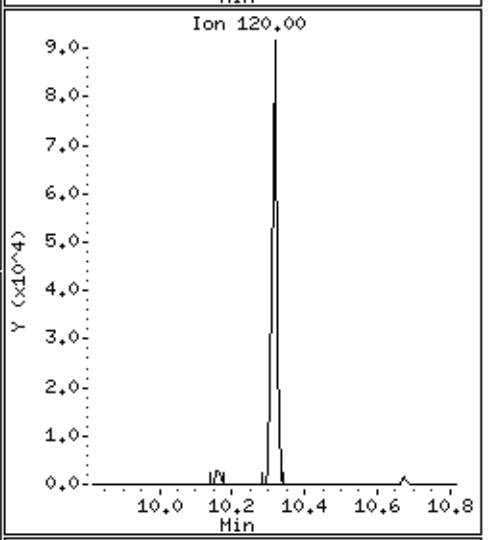


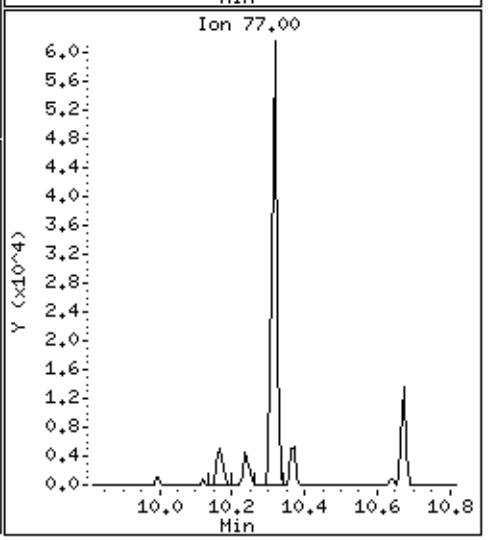












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

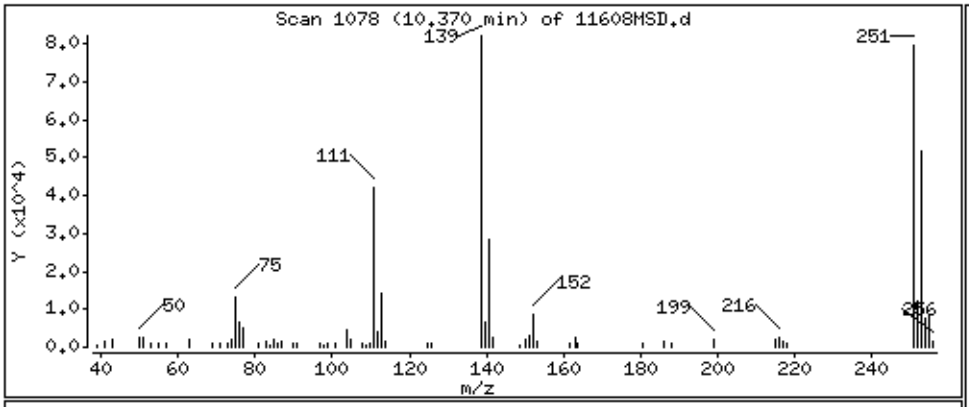
Operator: MJ

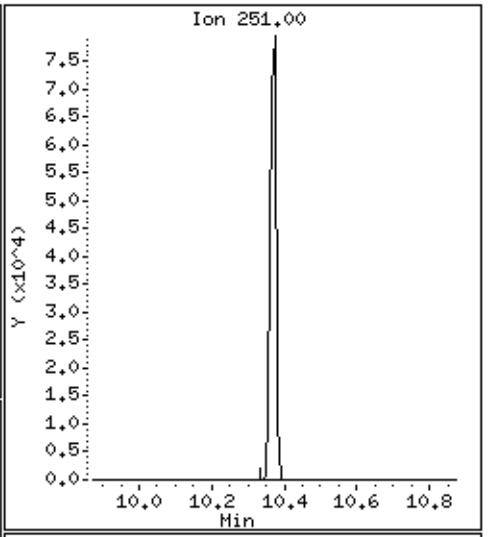
Column phase: HPMS-5

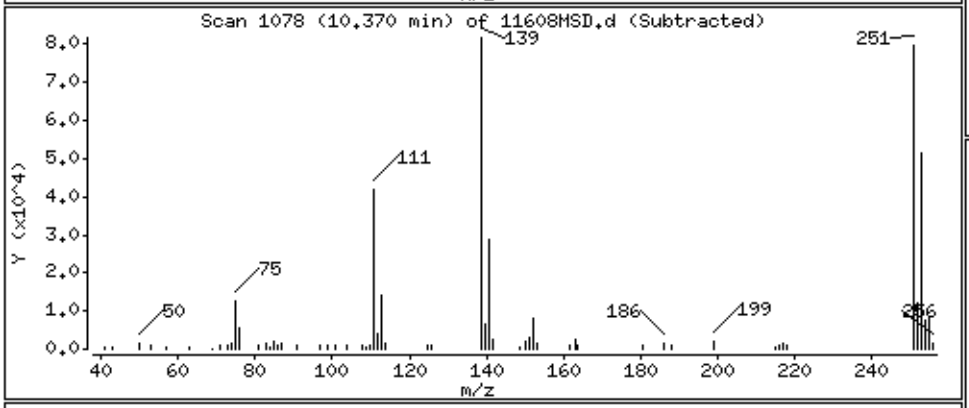
Column diameter: 0.25

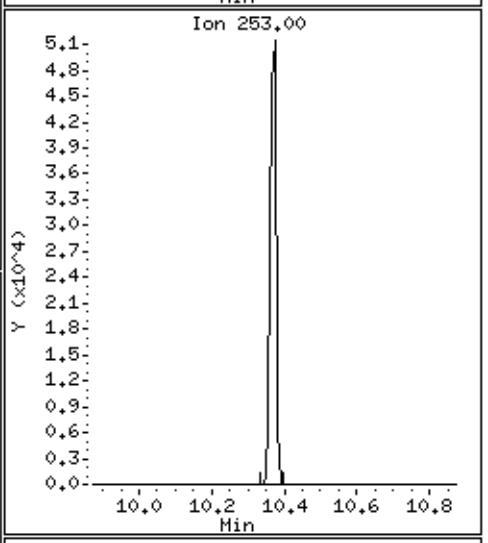
115 Chlorobenzilate

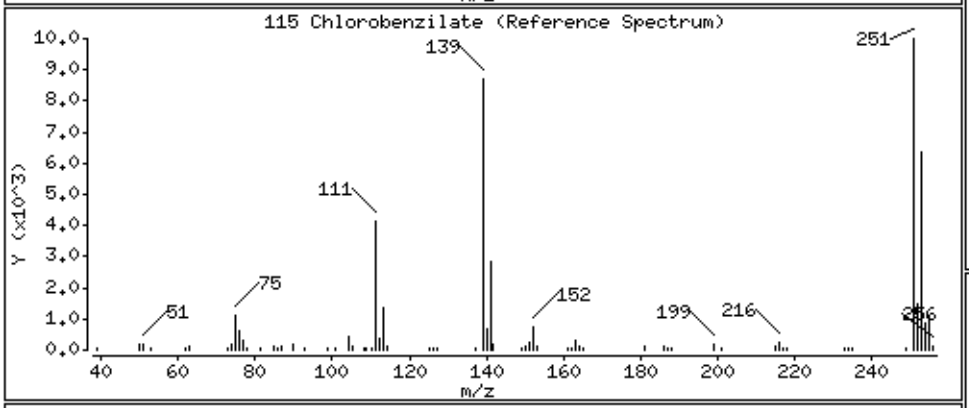
Concentration: 1670 ug/kg

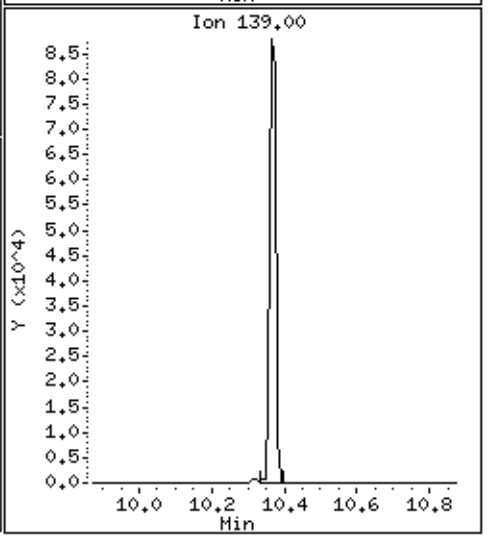


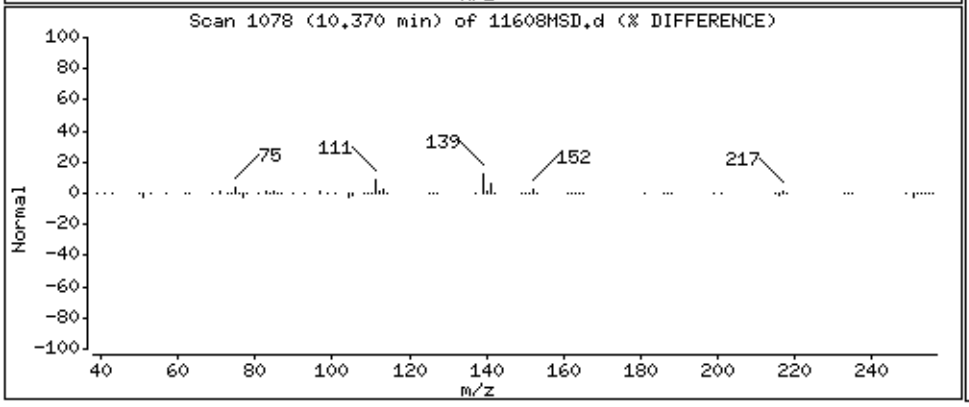












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

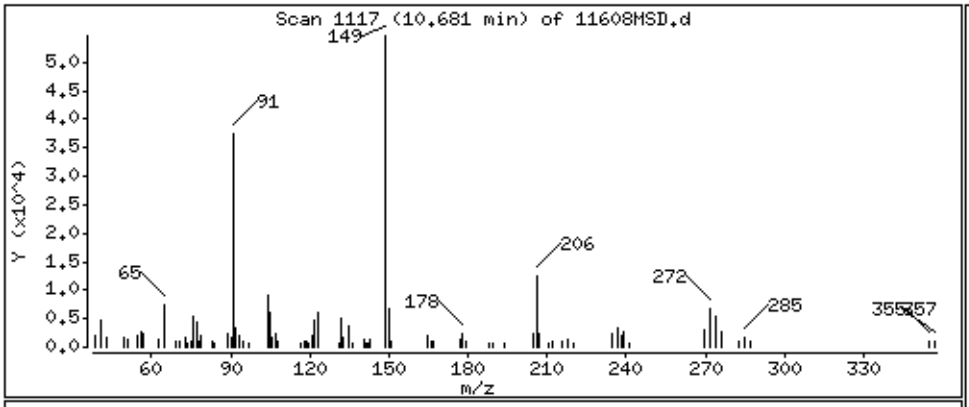
Operator: MJ

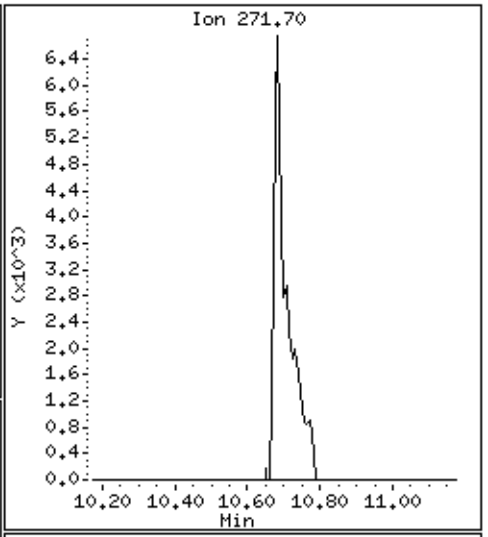
Column phase: HPMS-5

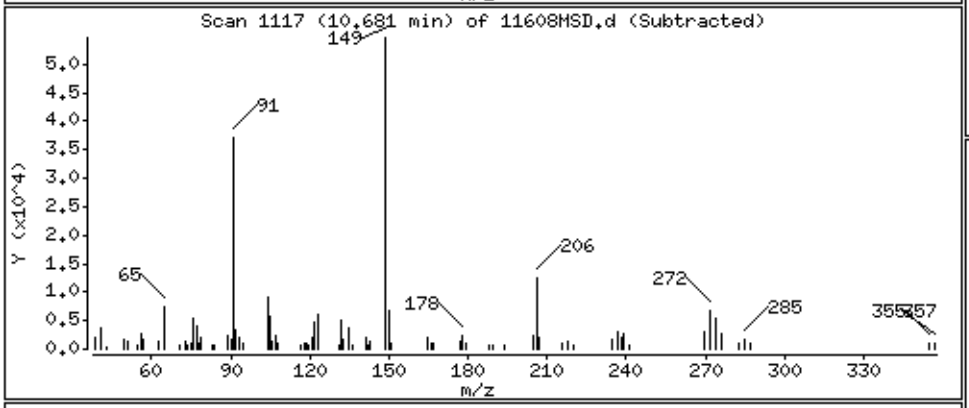
Column diameter: 0.25

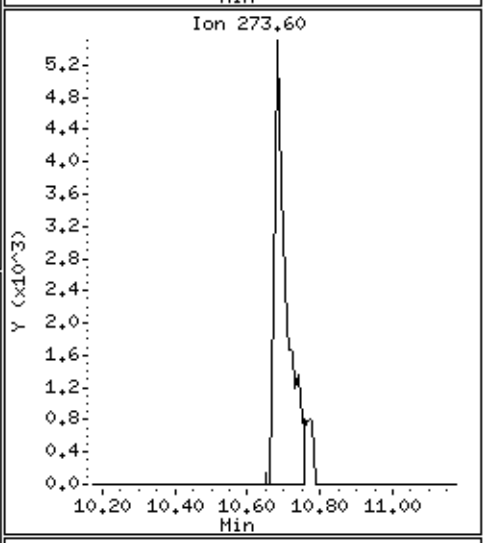
116 Kepone

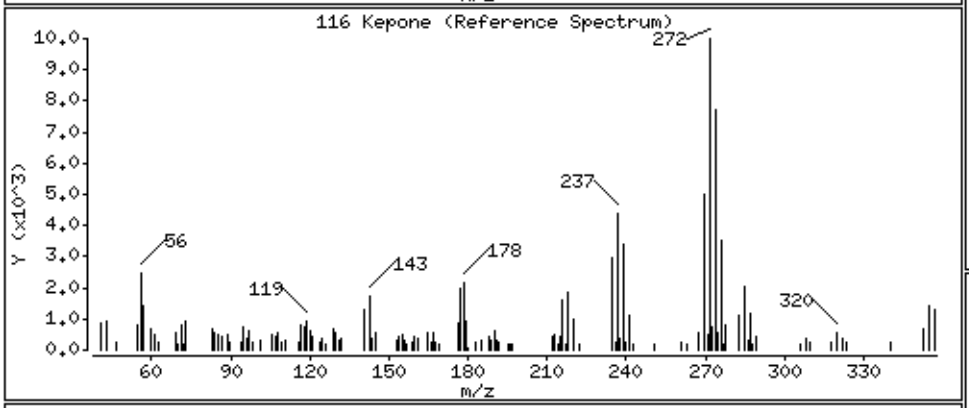
Concentration: 1210 ug/kg

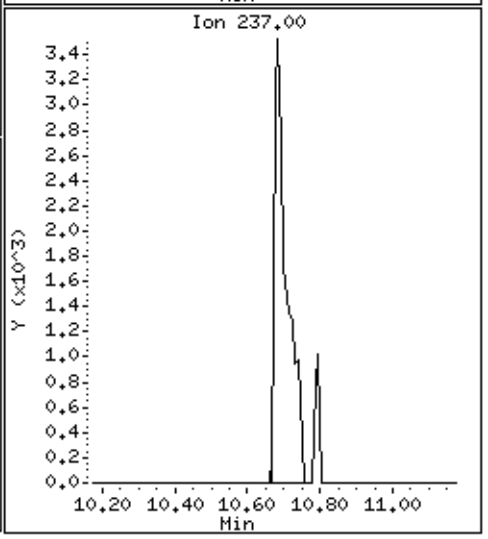


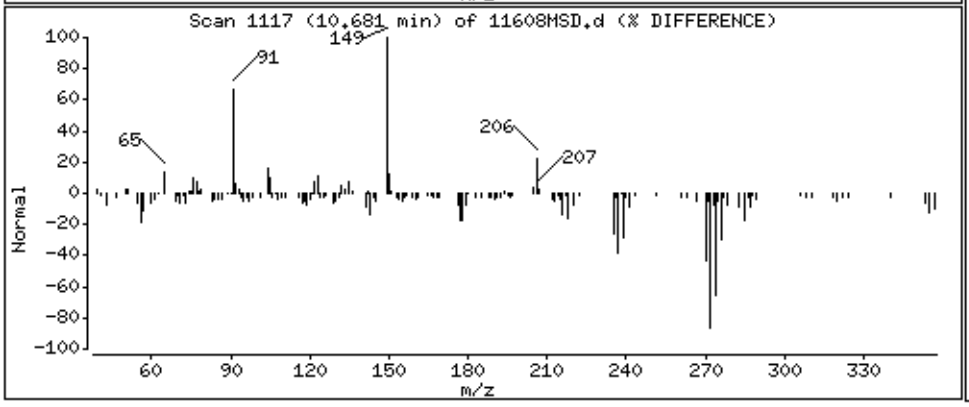












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

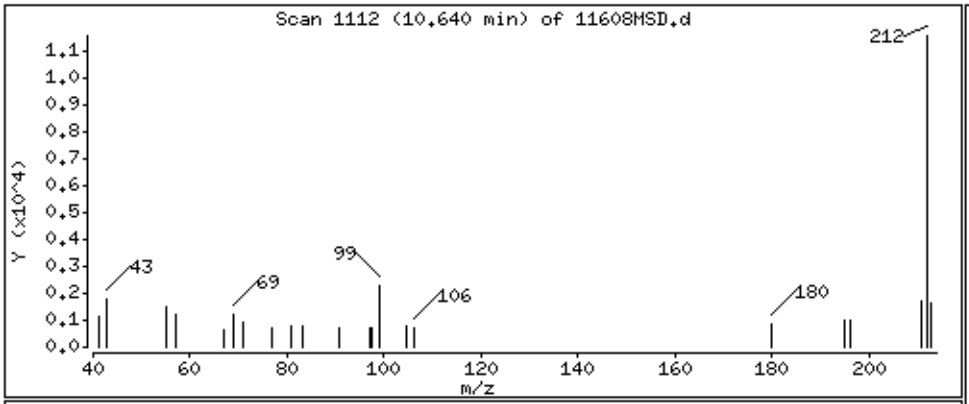
Operator: MJ

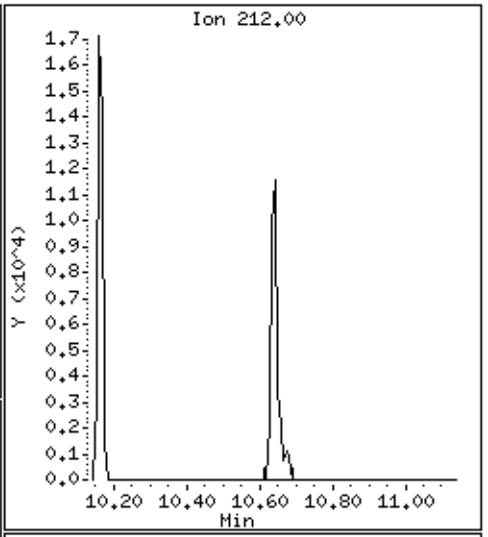
Column phase: HPMS-5

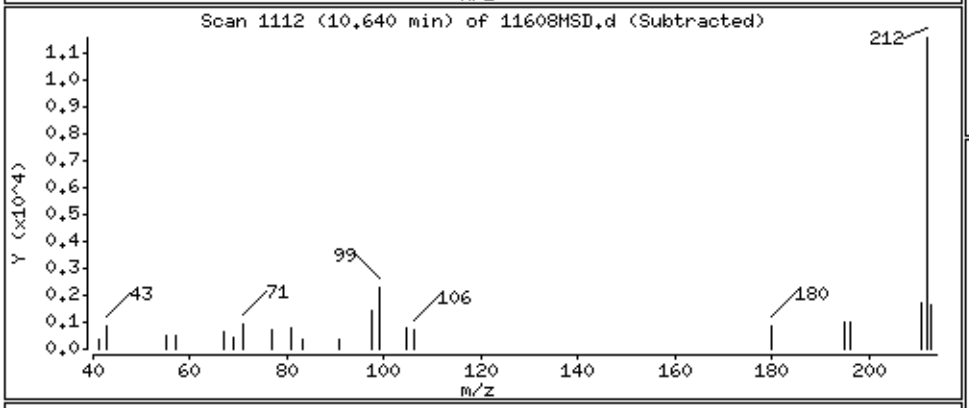
Column diameter: 0.25

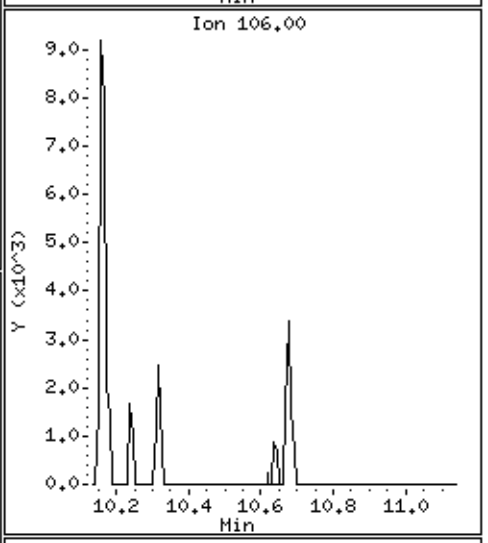
117 3,3-Dimethylbenzidine

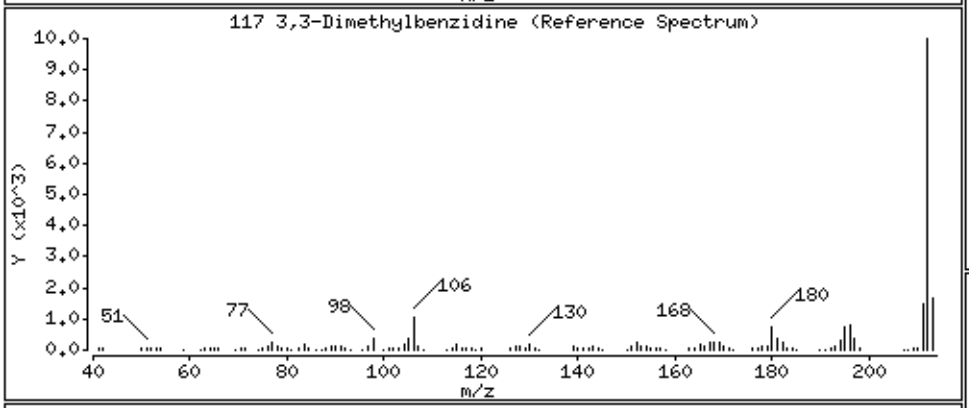
Concentration: 172 ug/kg

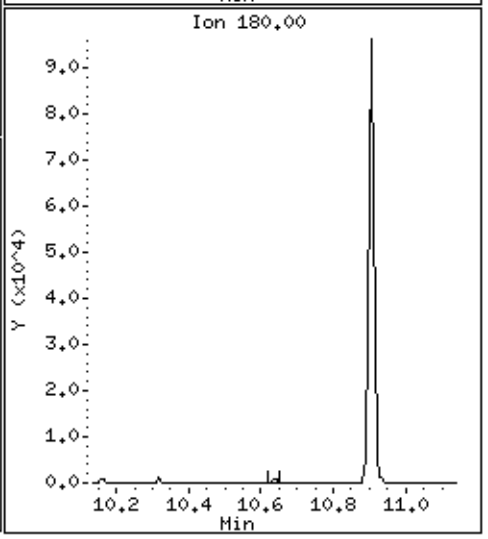


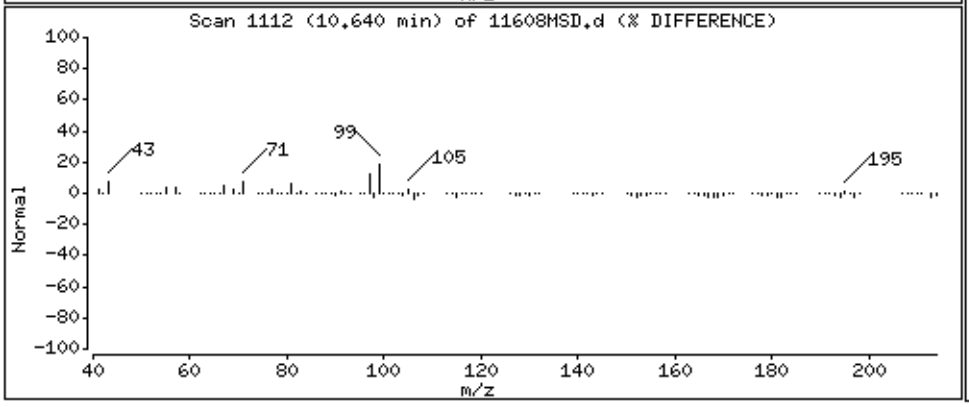












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

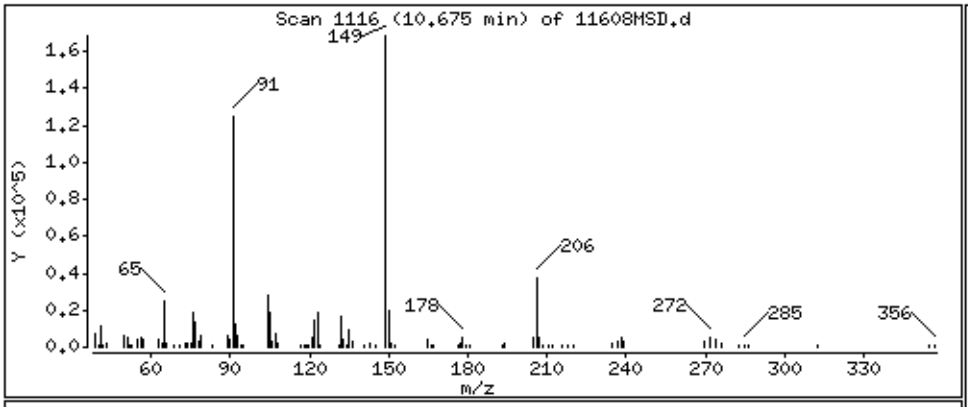
Operator: MJ

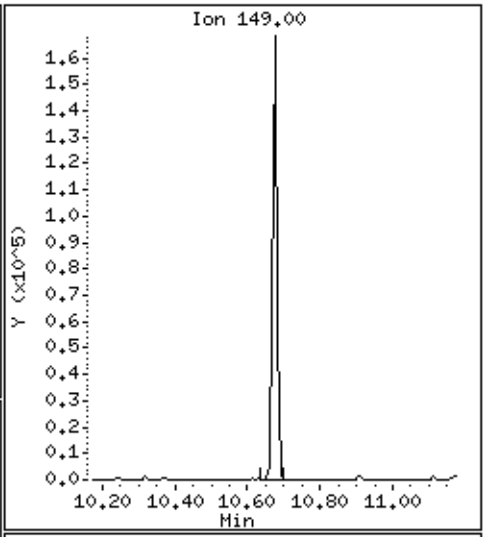
Column phase: HPMS-5

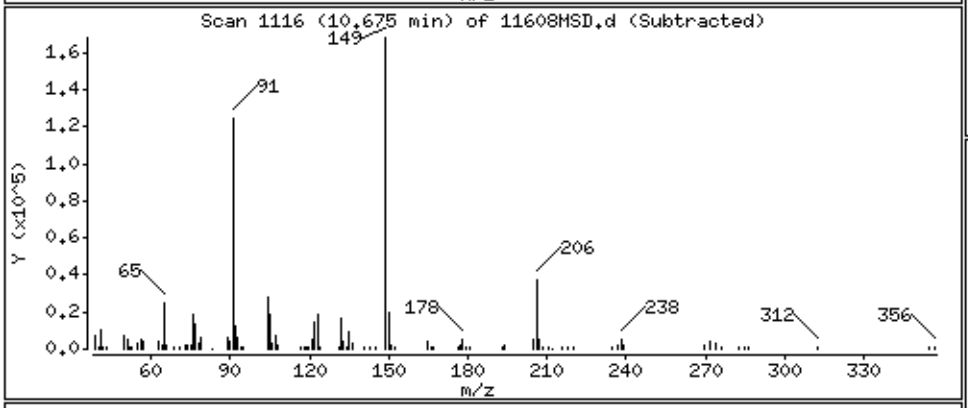
Column diameter: 0.25

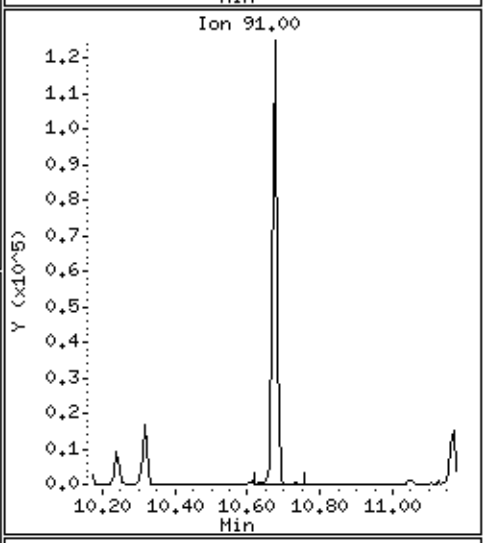
118 Butylbenzylphthalate

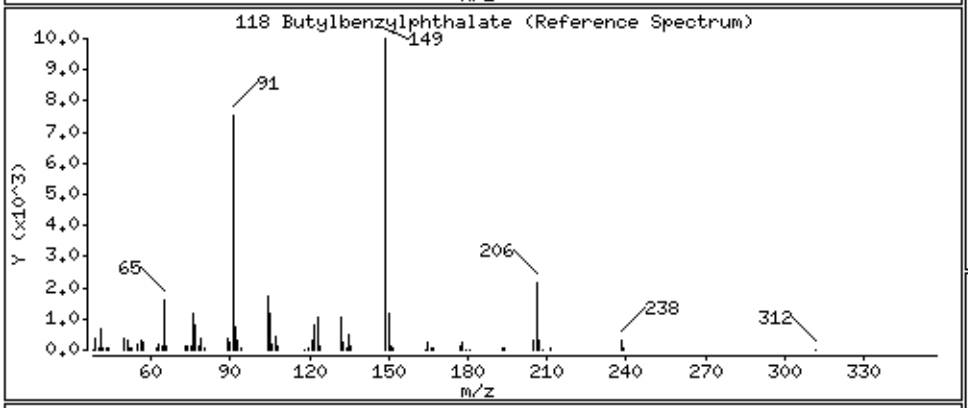
Concentration: 2030 ug/kg

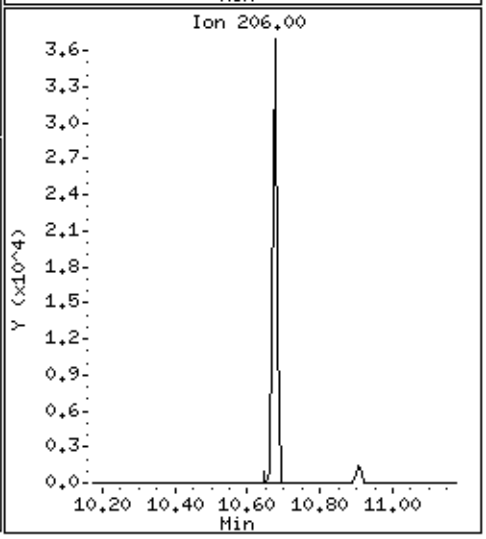


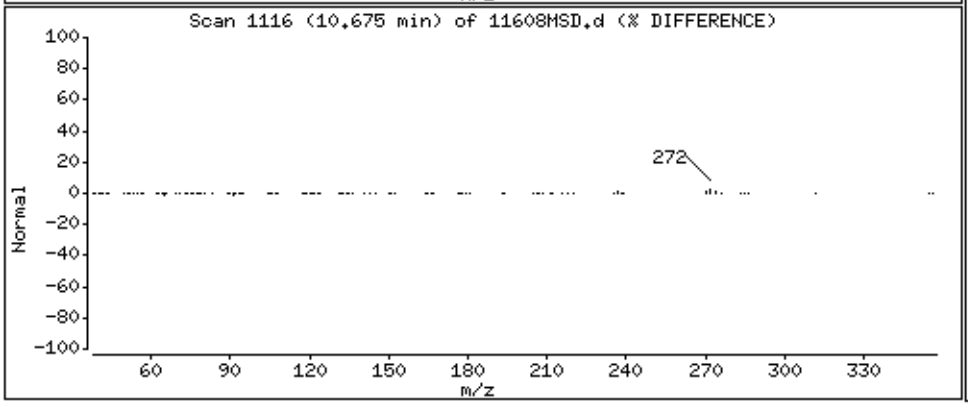












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

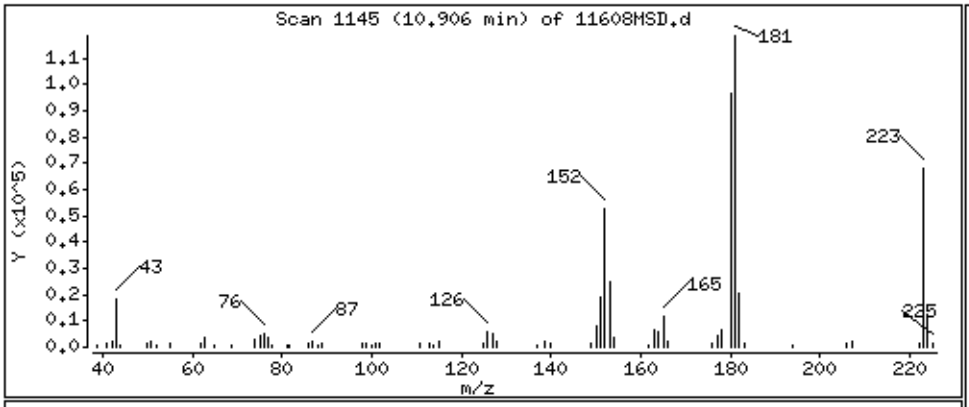
Operator: MJ

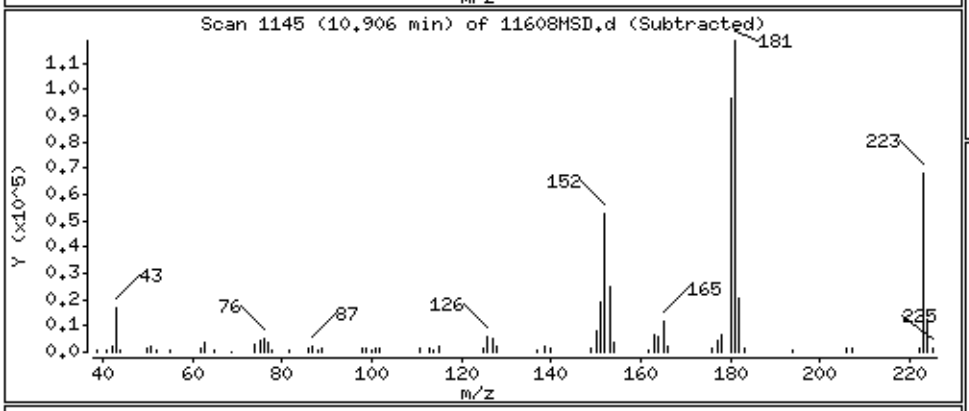
Column phase: HPMS-5

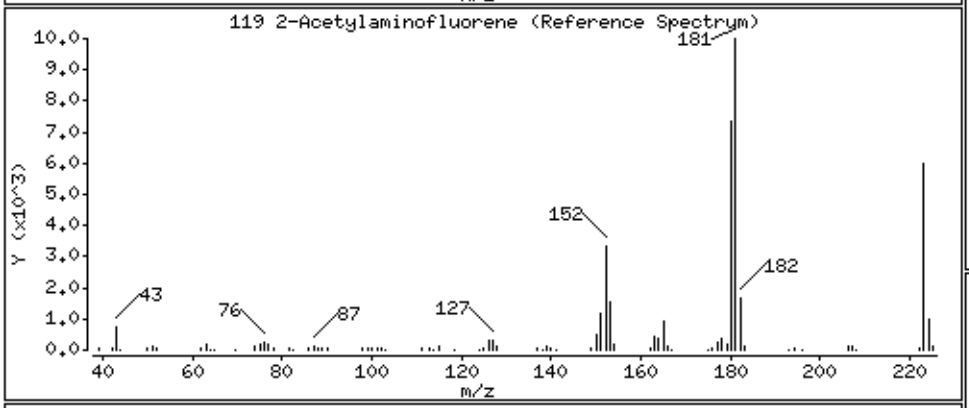
Column diameter: 0.25

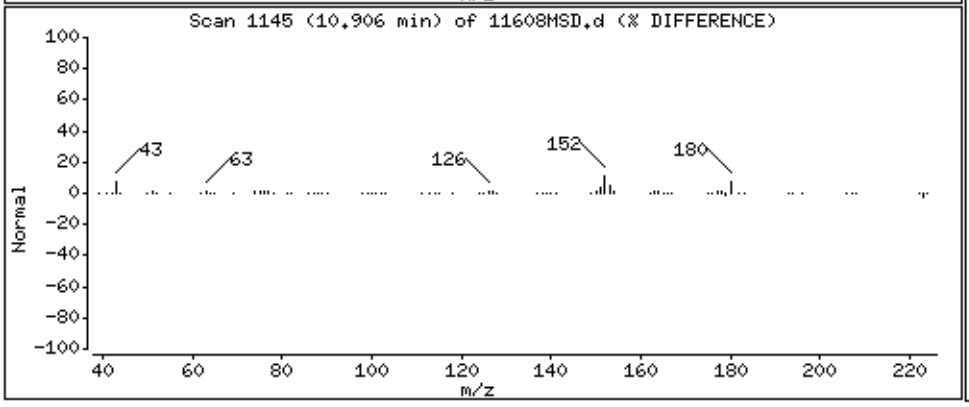
119 2-Acetylaminofluorene

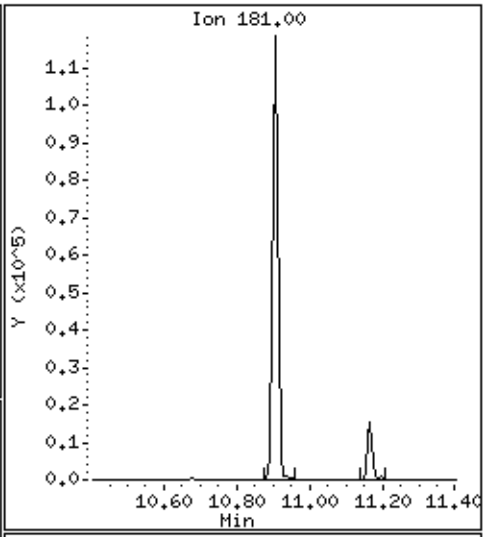
Concentration: 1760 ug/kg

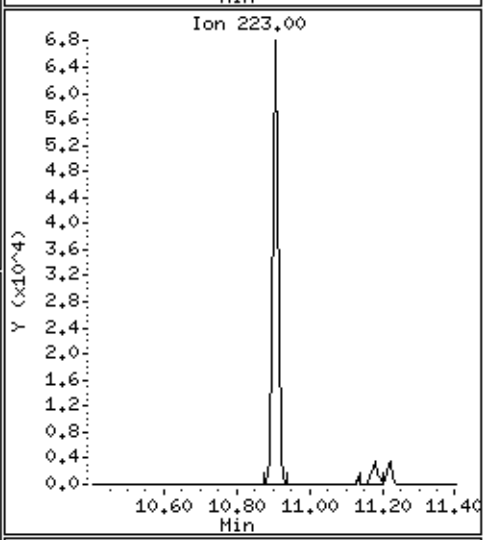


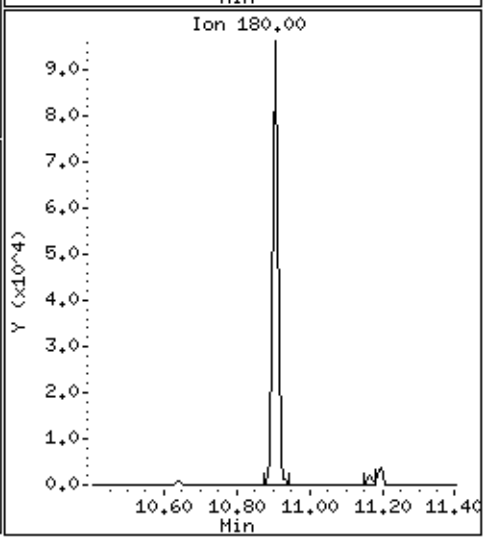












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

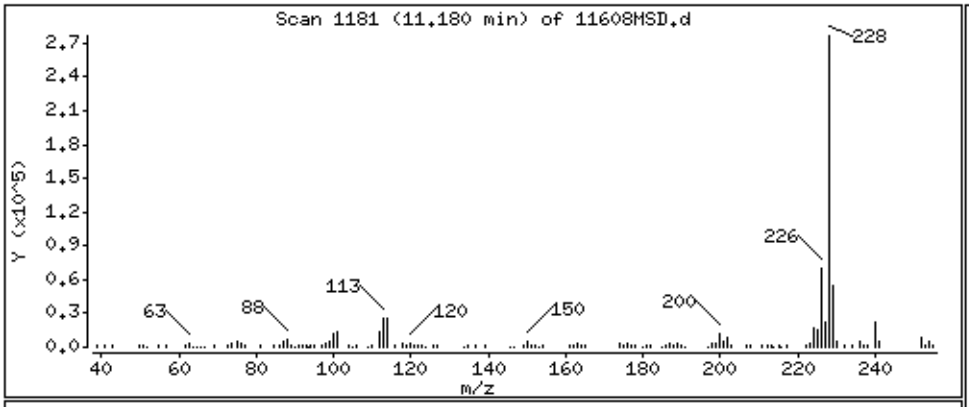
Operator: MJ

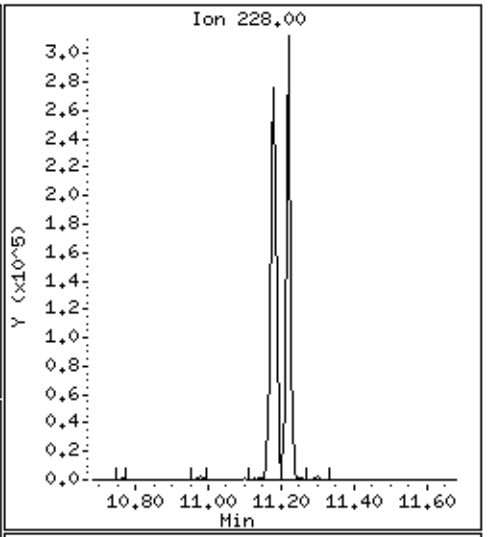
Column phase: HPMS-5

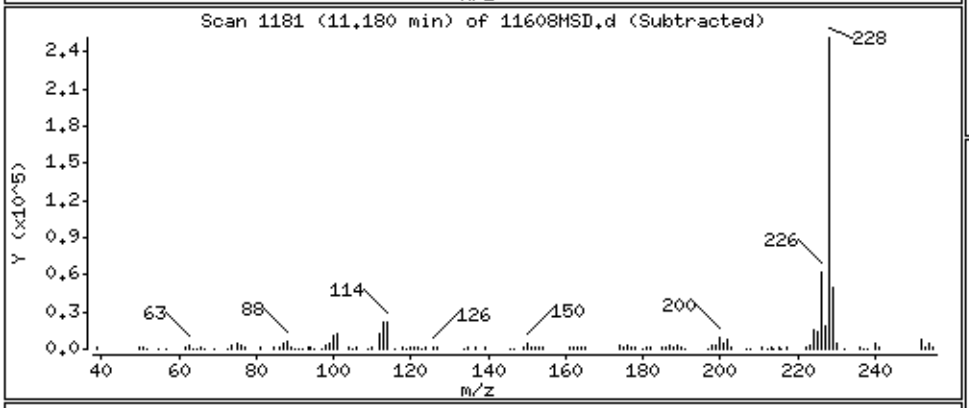
Column diameter: 0.25

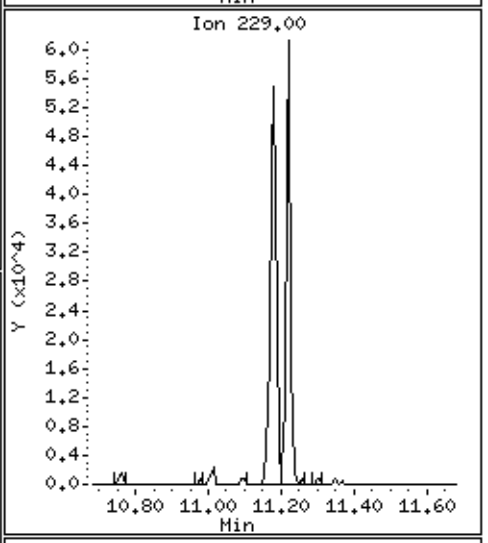
120 Benzo[a]anthracene

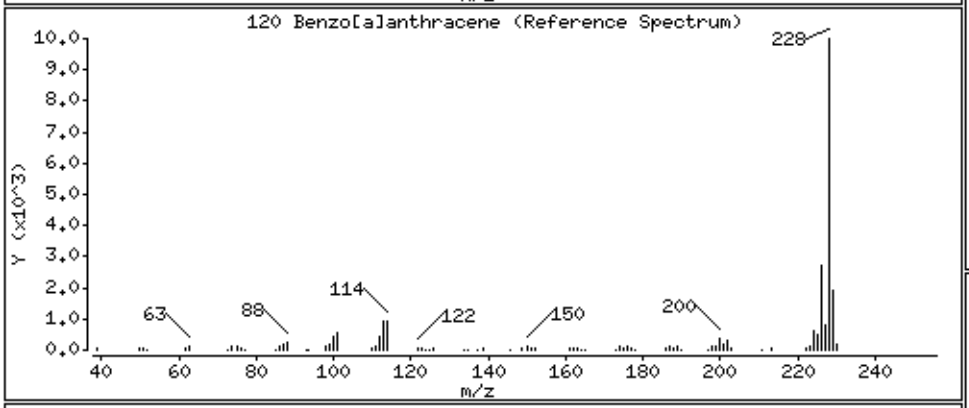
Concentration: 2110 ug/kg

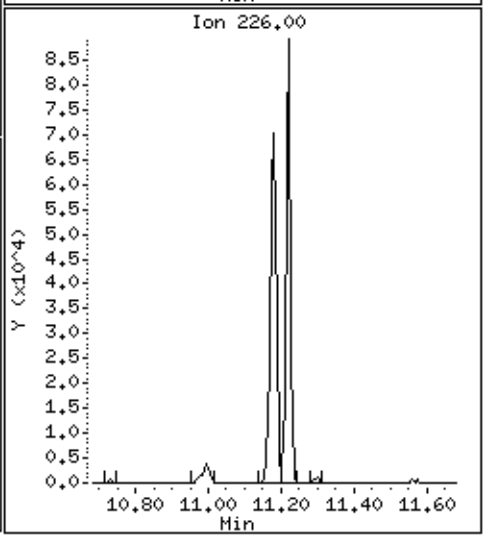


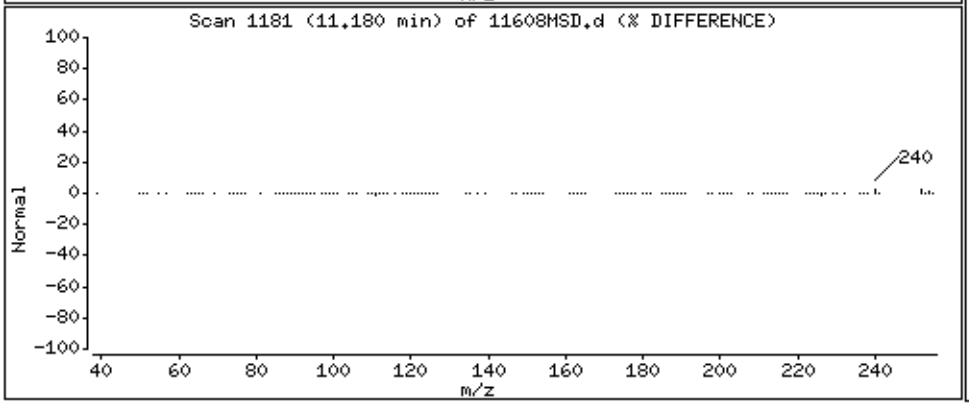












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

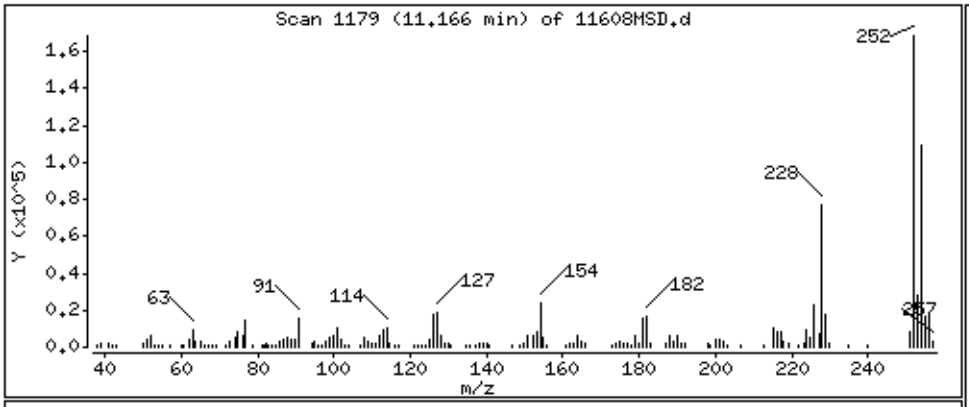
Operator: MJ

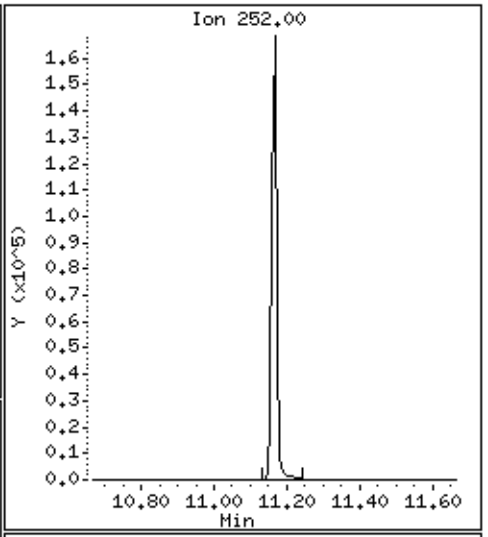
Column phase: HPMS-5

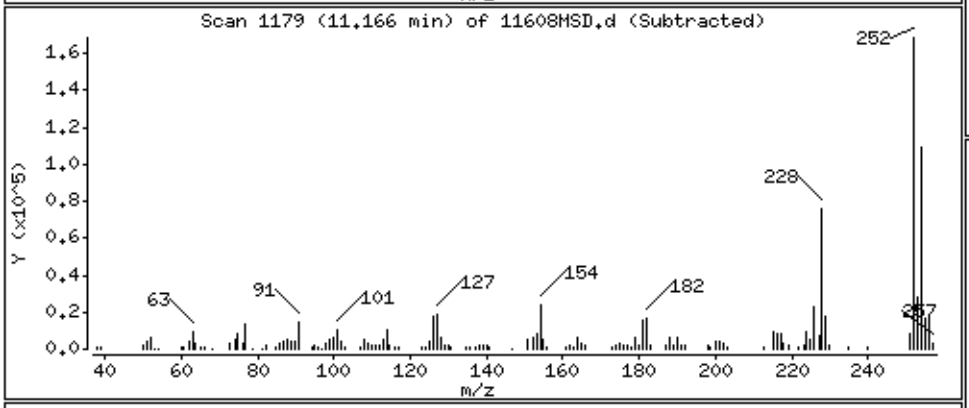
Column diameter: 0.25

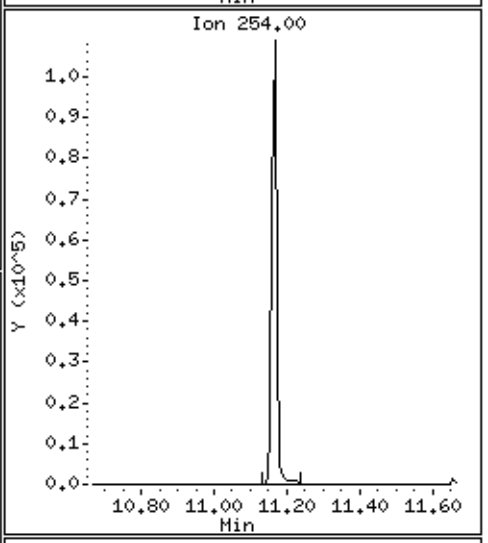
122 3,3'-Dichlorobenzidine

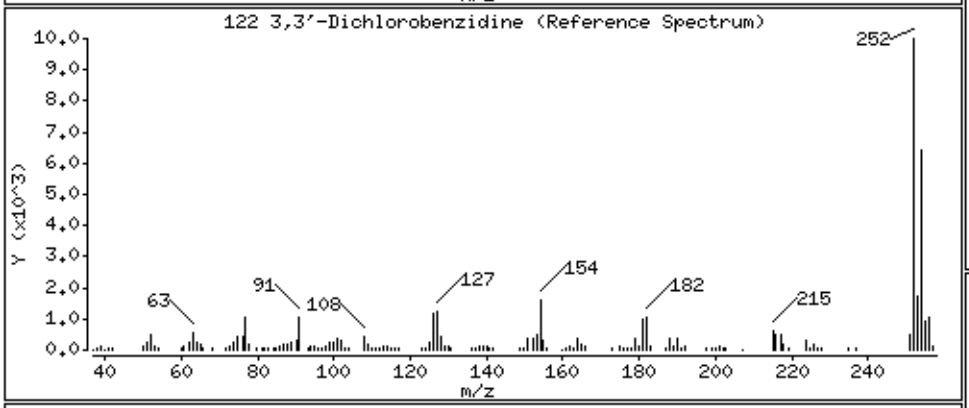
Concentration: 2710 ug/kg

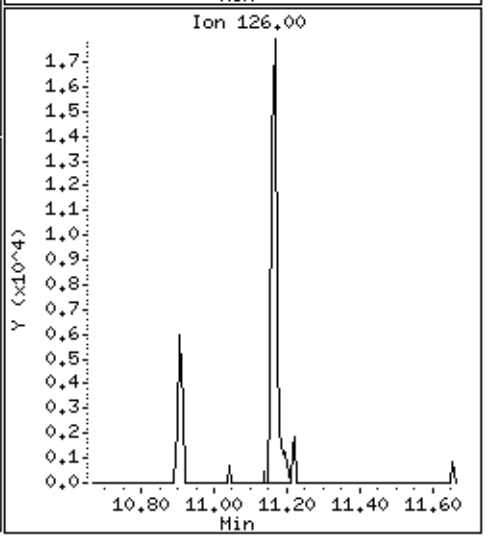


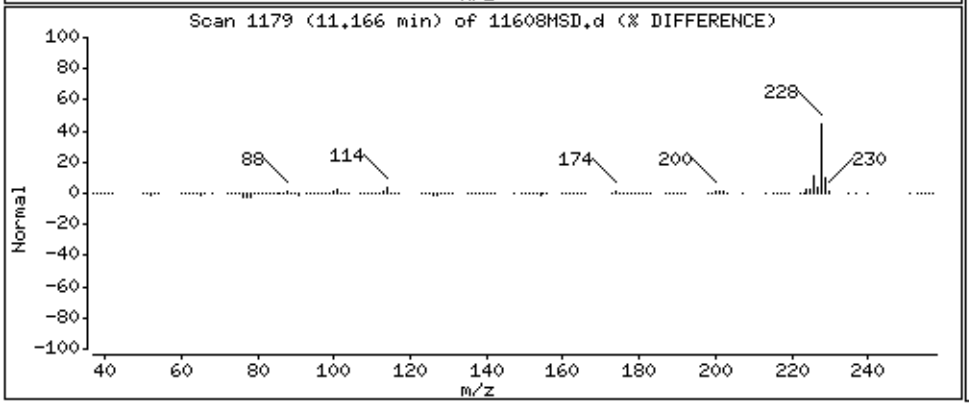












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

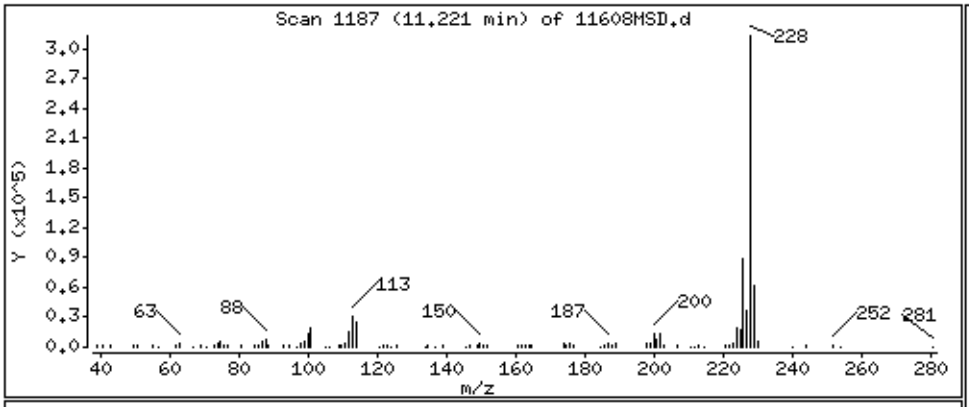
Operator: MJ

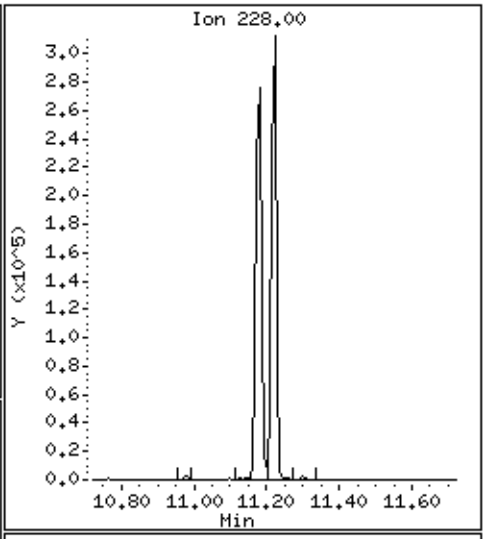
Column phase: HPMS-5

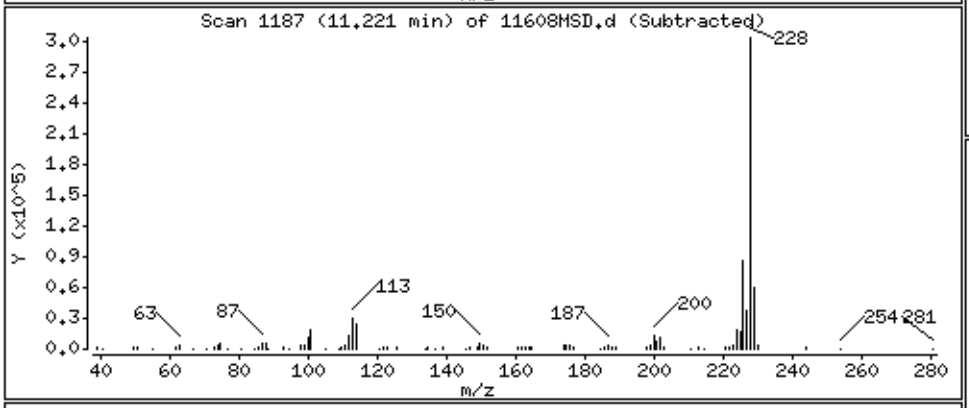
Column diameter: 0.25

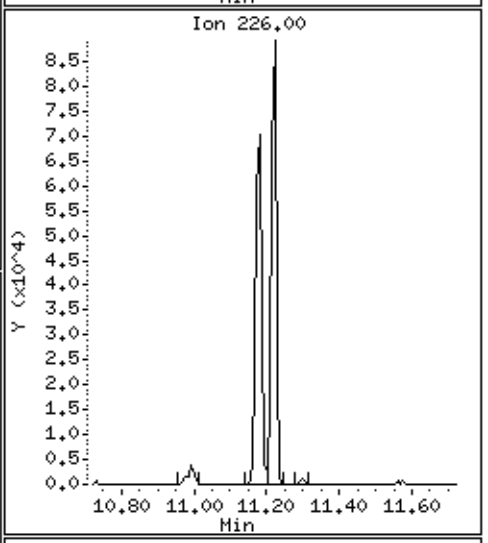
123 Chrysene

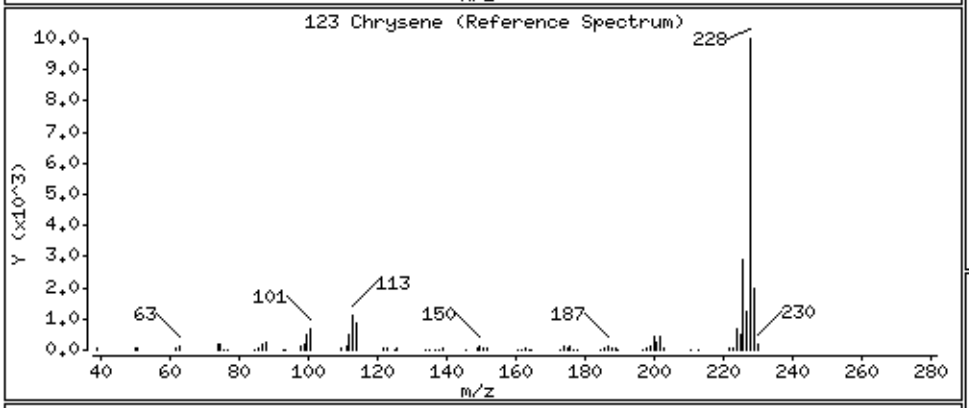
Concentration: 2040 ug/kg

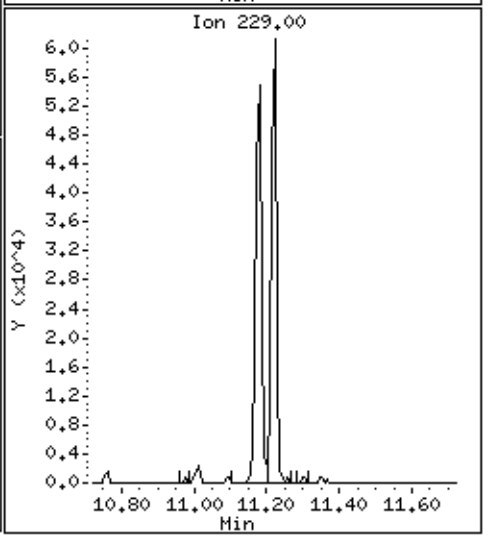


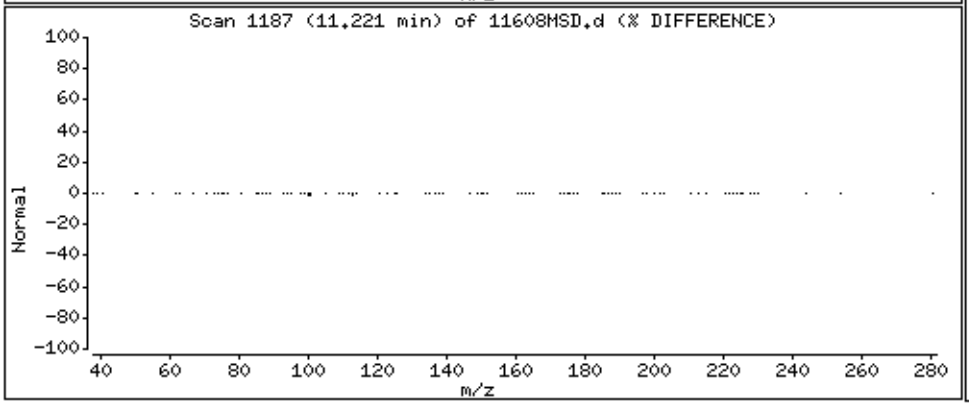












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

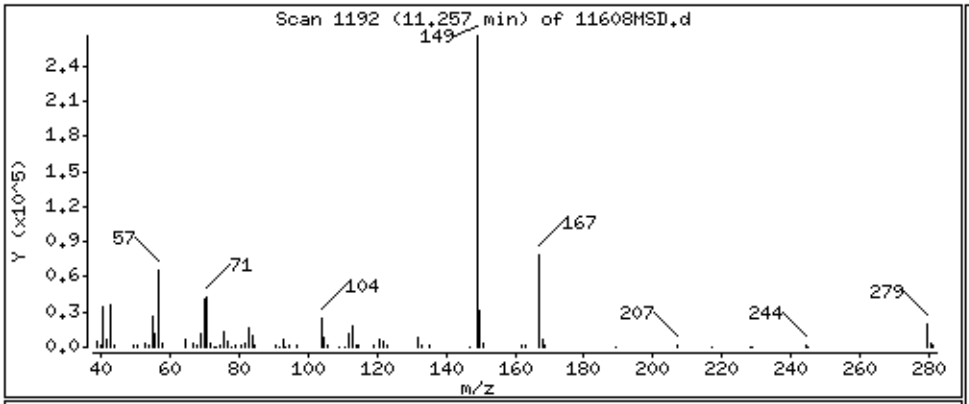
Operator: MJ

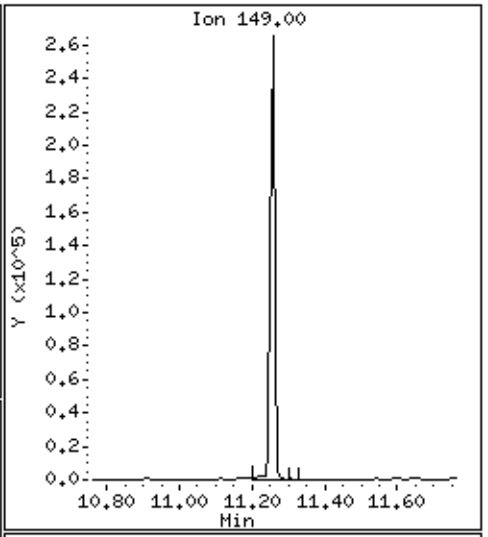
Column phase: HPMS-5

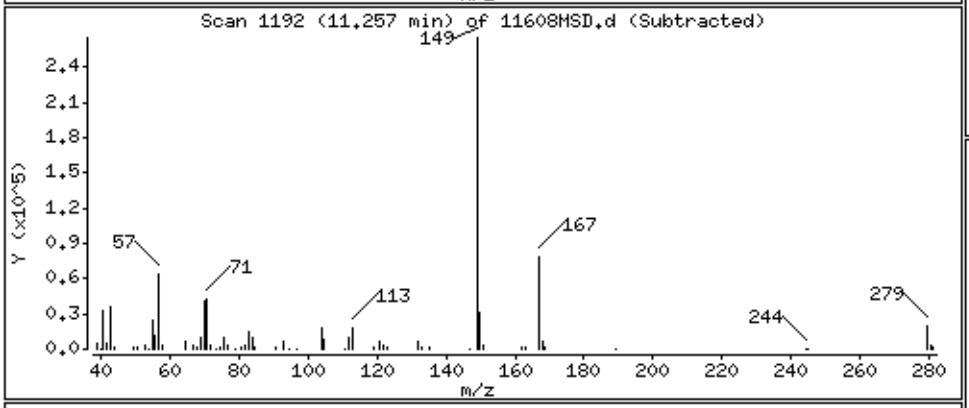
Column diameter: 0.25

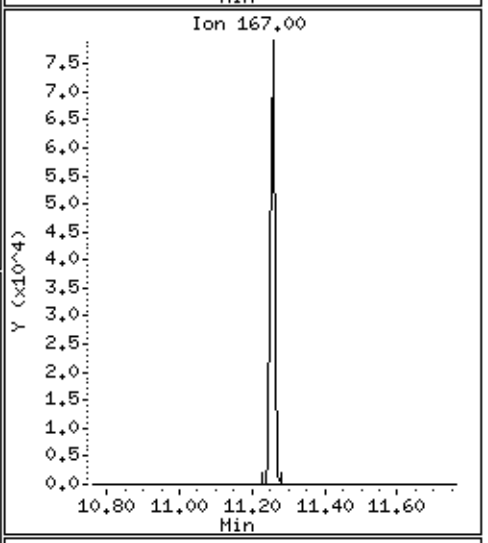
124 Bis-2-Ethylhexylphthalate

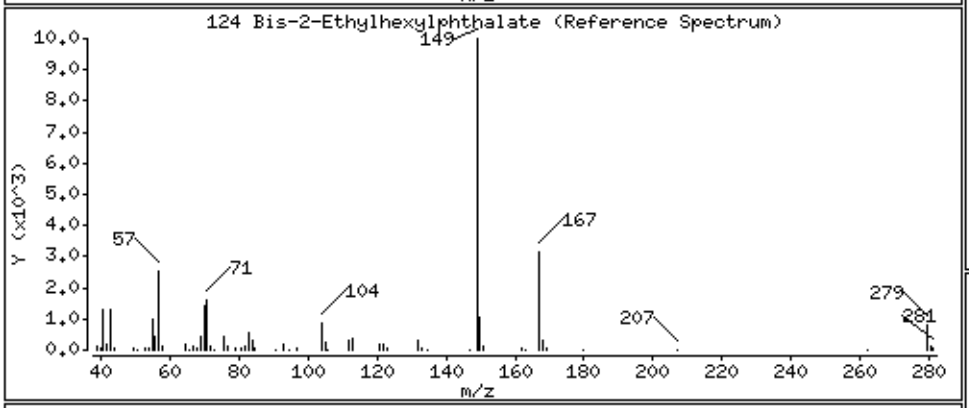
Concentration: 2260 ug/kg

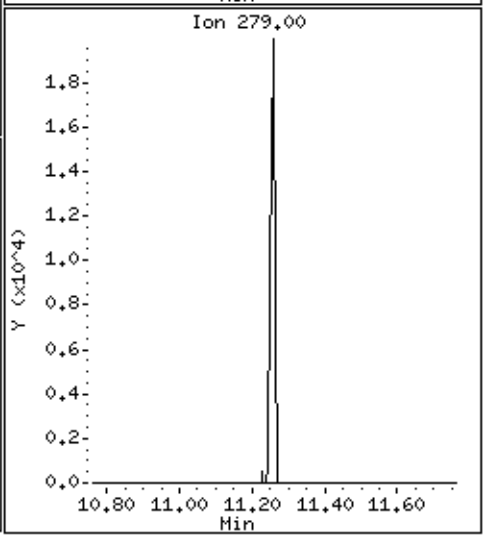


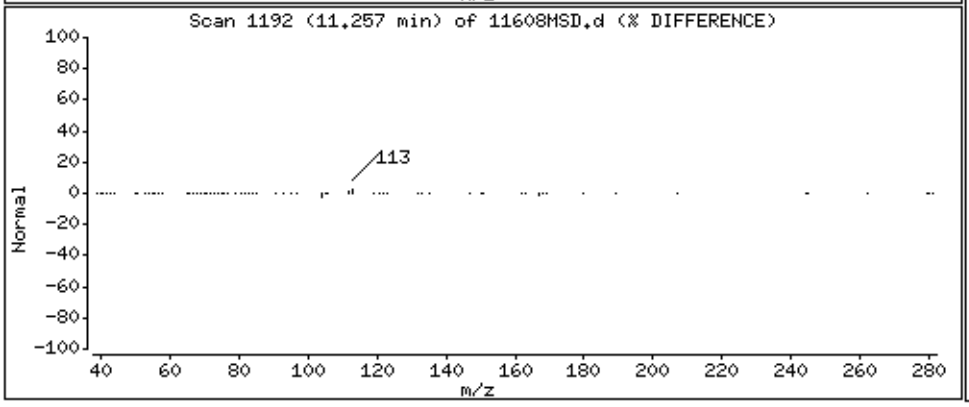












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

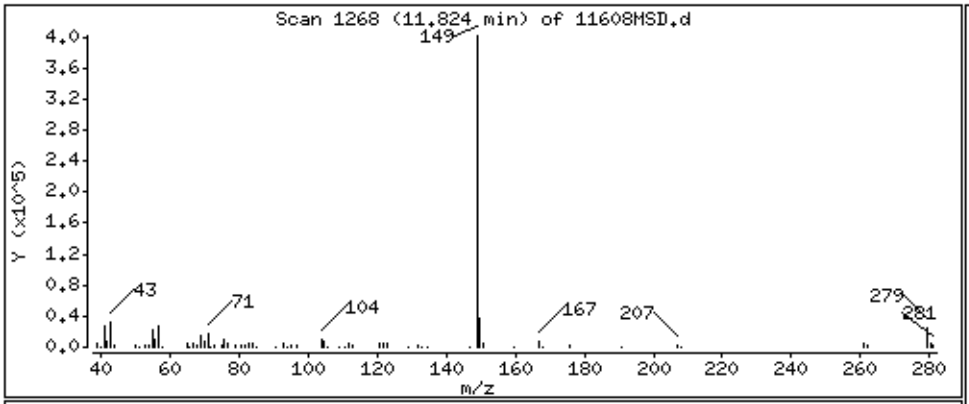
Operator: MJ

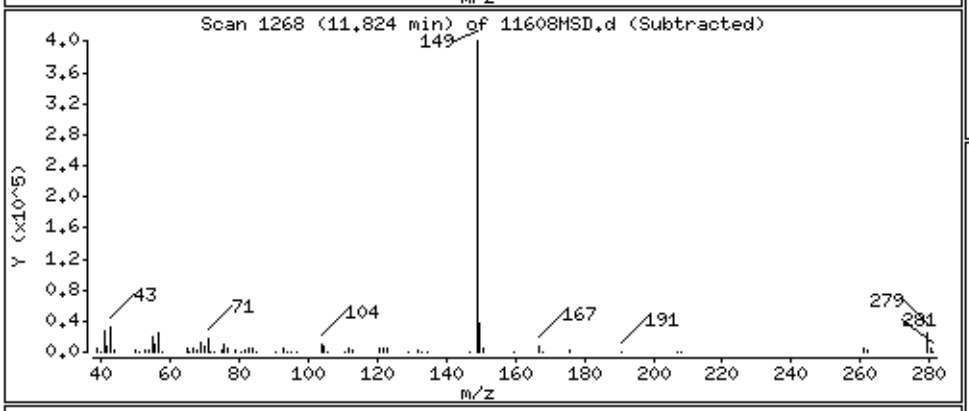
Column phase: HPMS-5

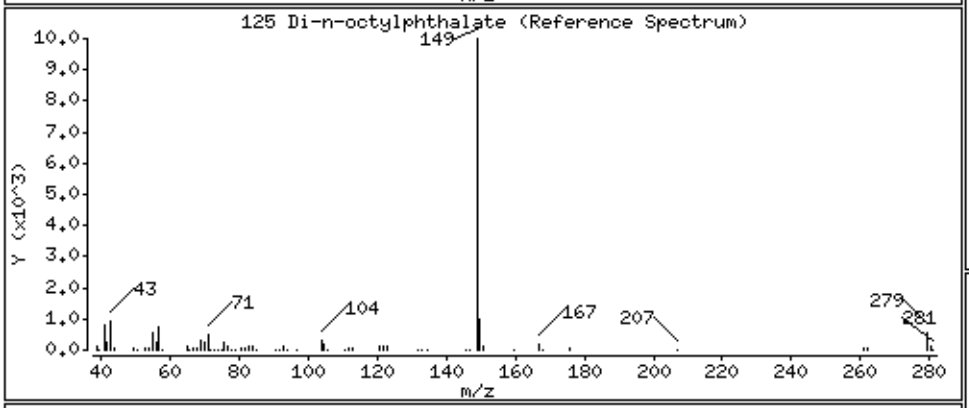
Column diameter: 0.25

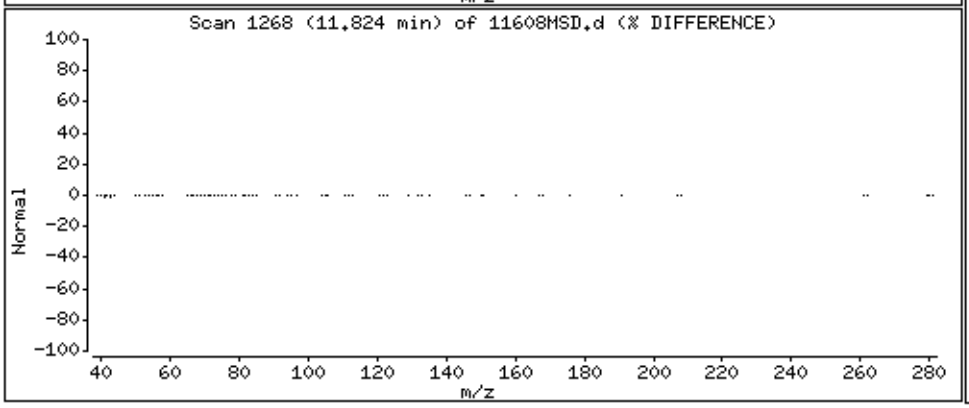
125 Di-n-octylphthalate

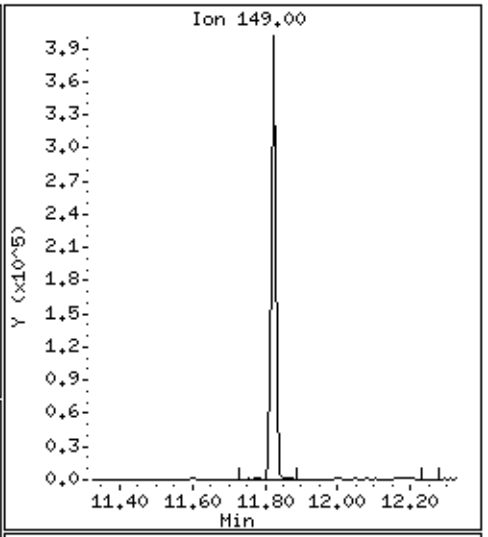
Concentration: 1750 ug/kg

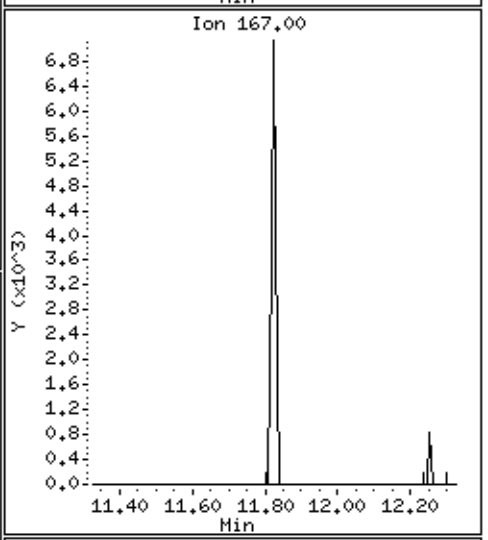


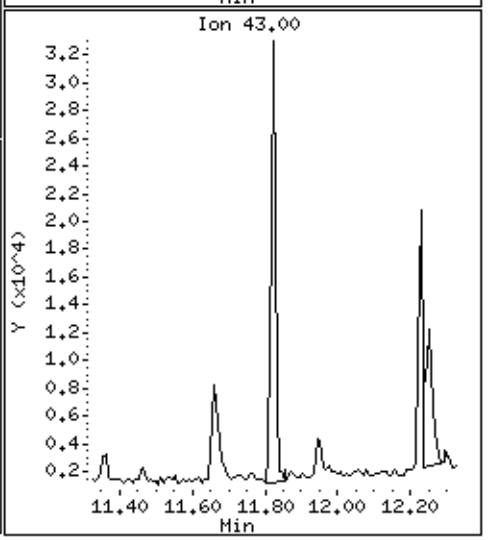












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

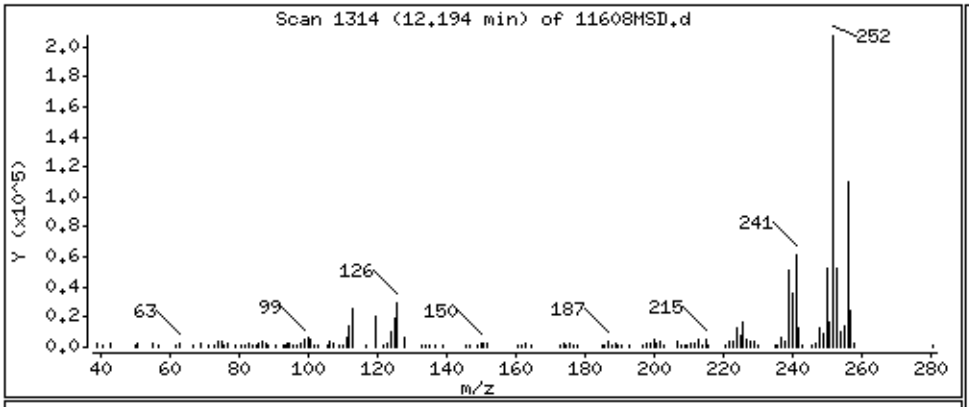
Operator: MJ

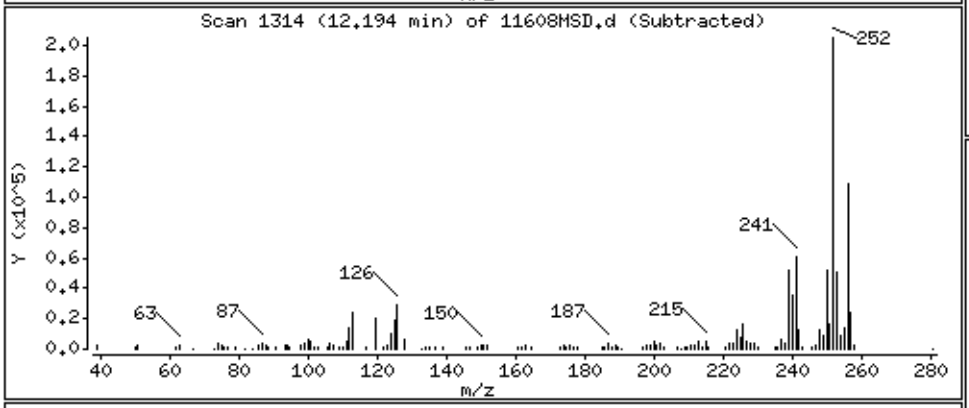
Column phase: HPMS-5

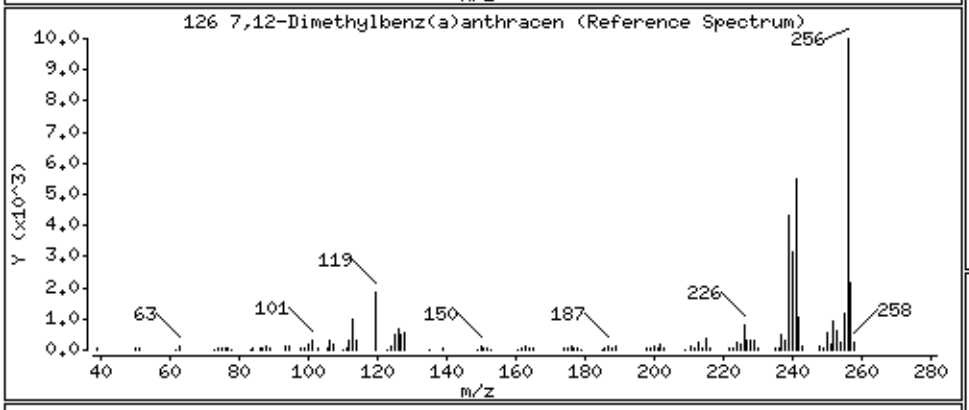
Column diameter: 0.25

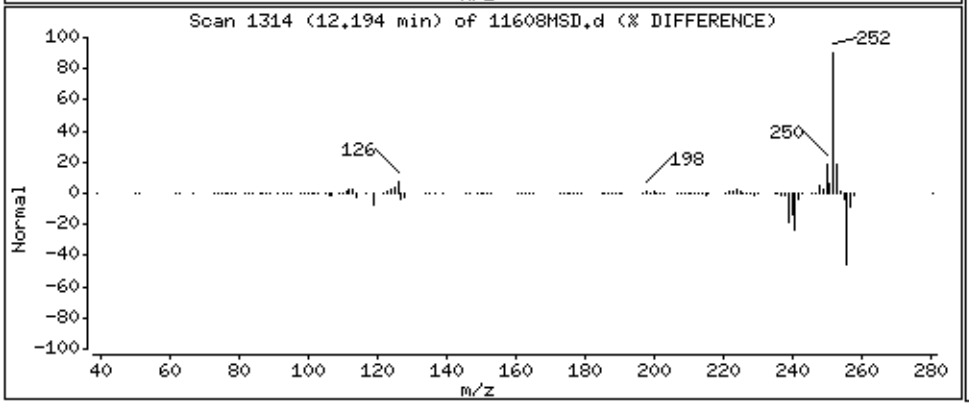
126 7,12-Dimethylbenz(a)anthracen

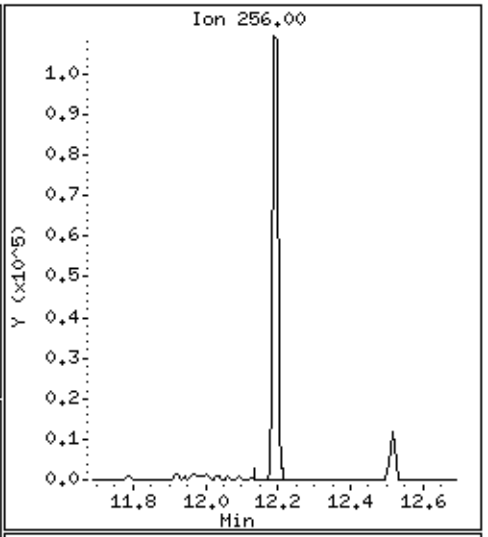
Concentration: 1690 ug/kg

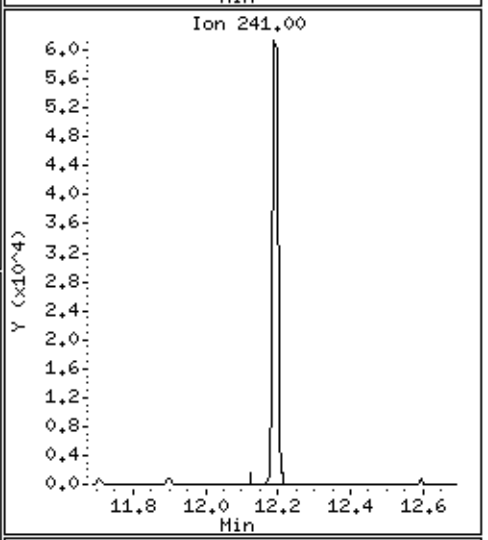


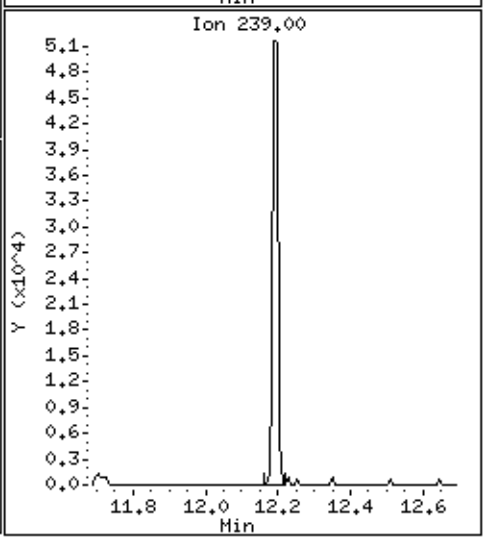












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

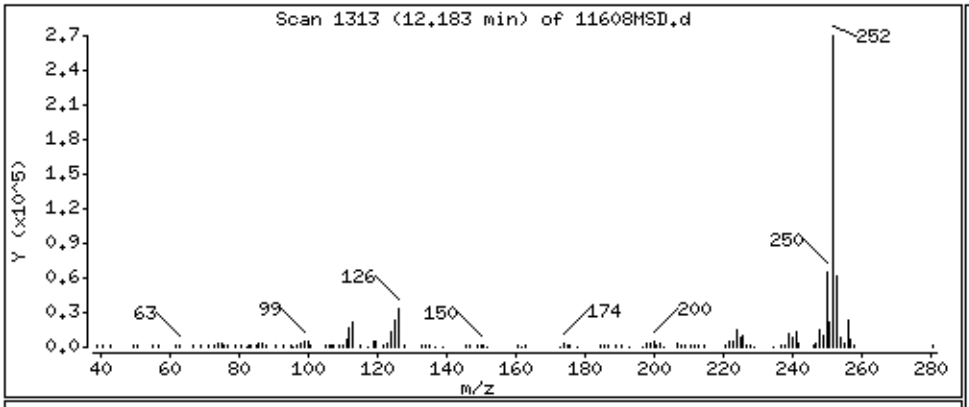
Operator: MJ

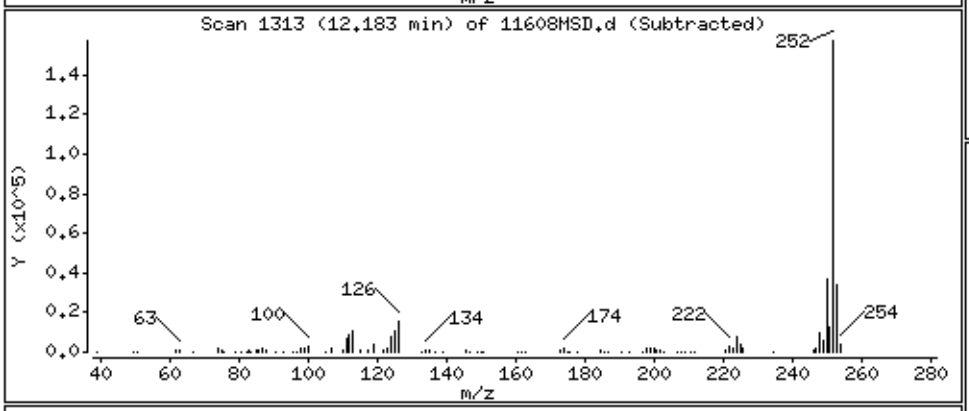
Column phase: HPMS-5

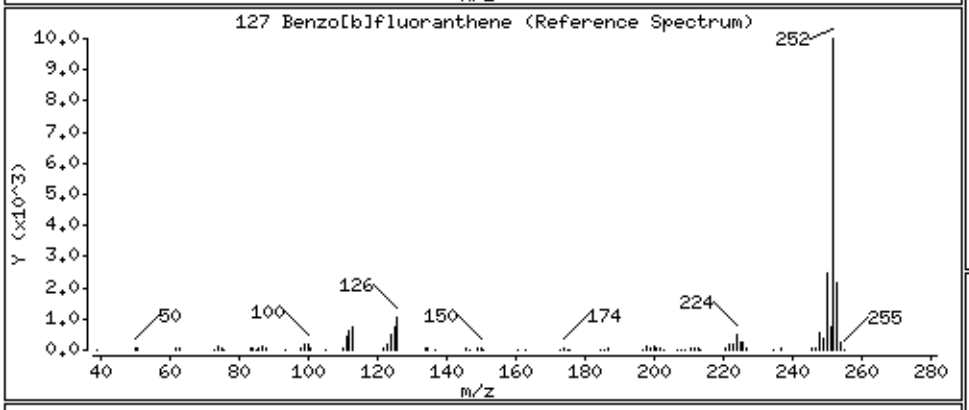
Column diameter: 0.25

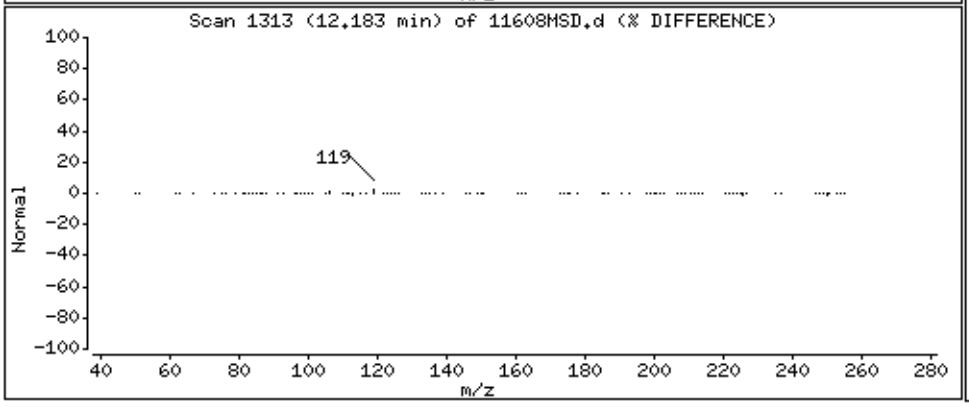
127 Benzo[b]fluoranthene

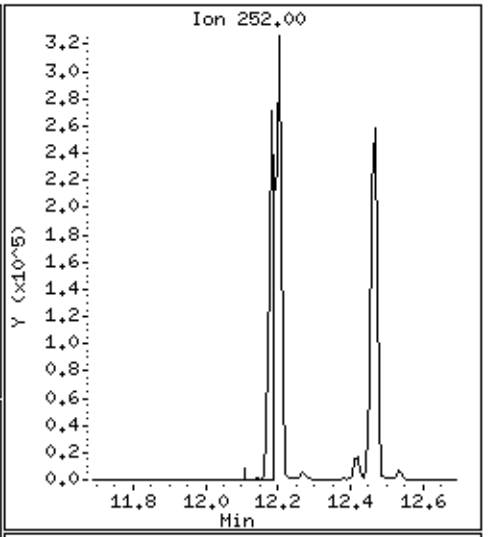
Concentration: 2060 ug/kg

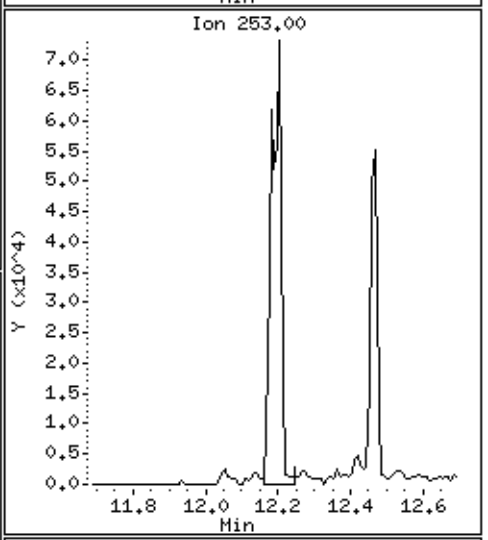


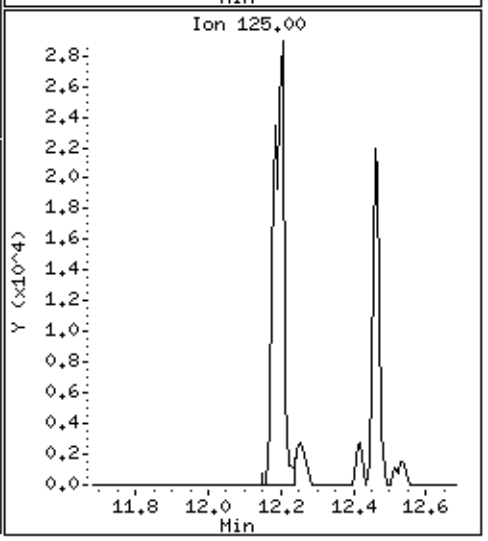












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

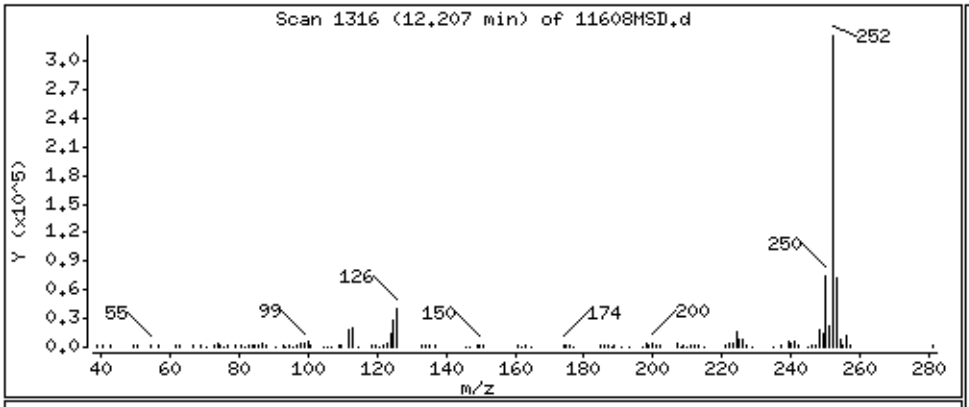
Operator: MJ

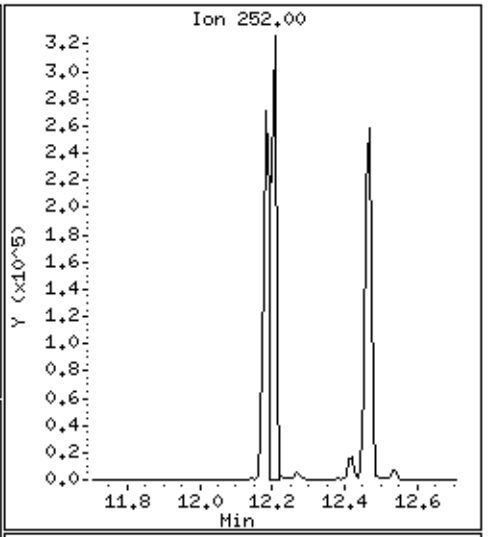
Column phase: HPMS-5

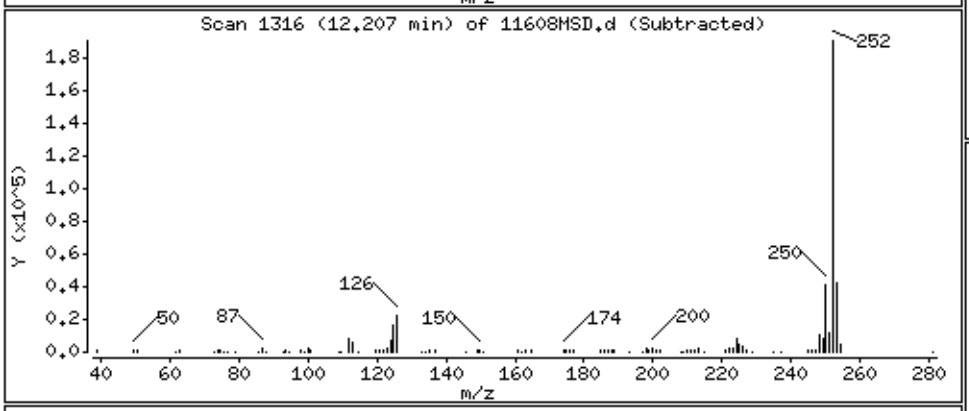
Column diameter: 0.25

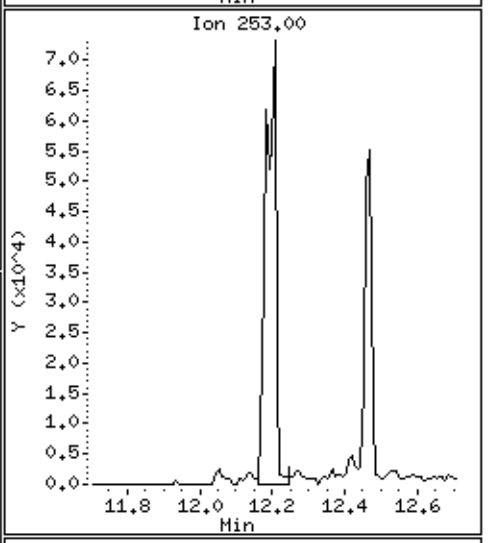
128 Benzo[k]fluoranthene

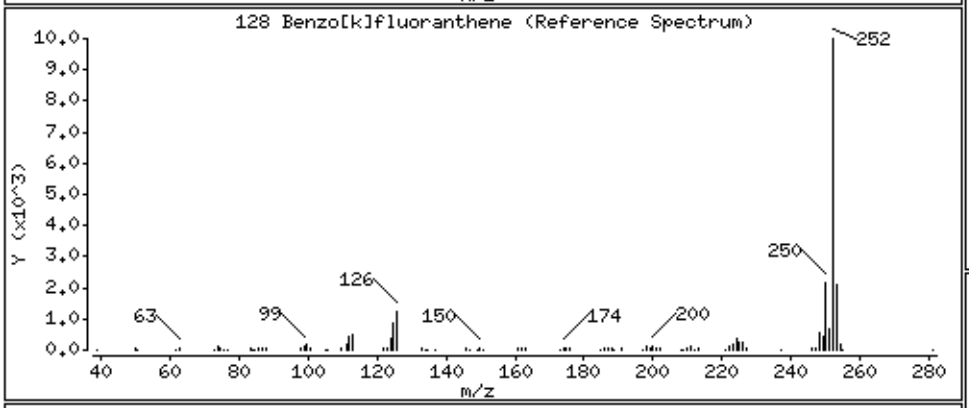
Concentration: 2320 ug/kg

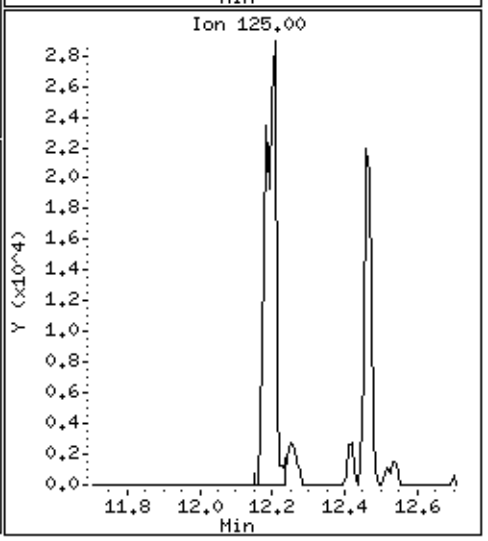


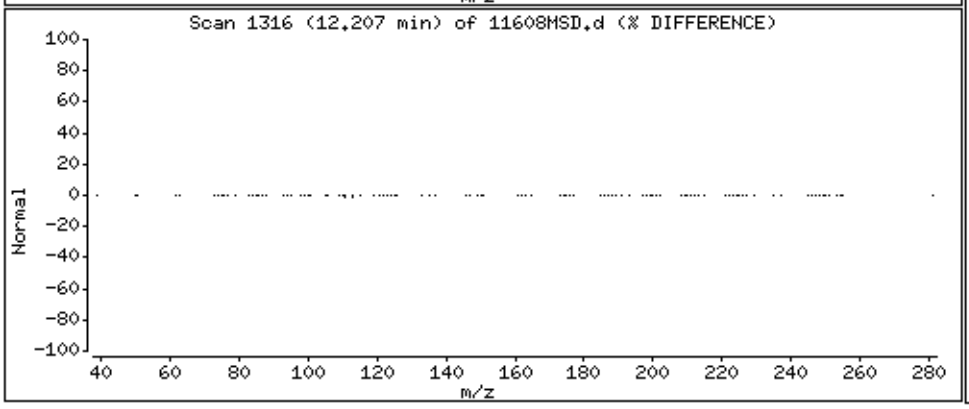












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

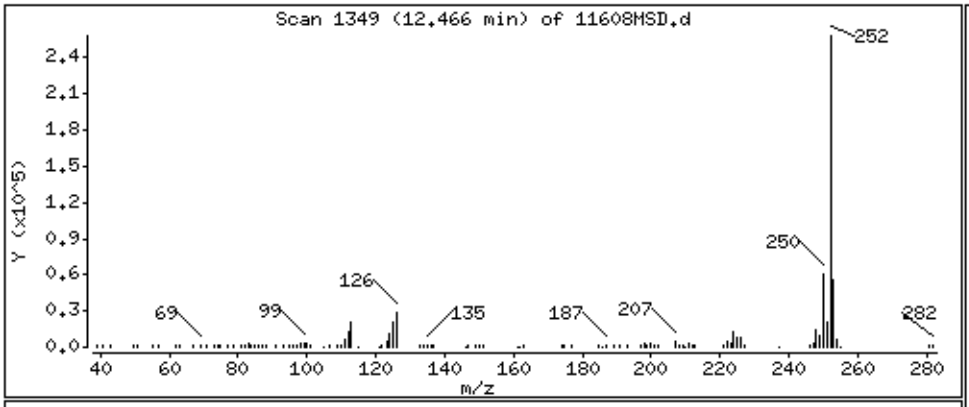
Operator: MJ

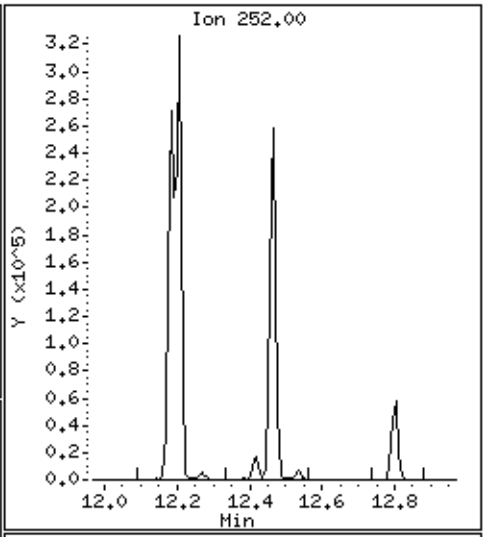
Column phase: HPMS-5

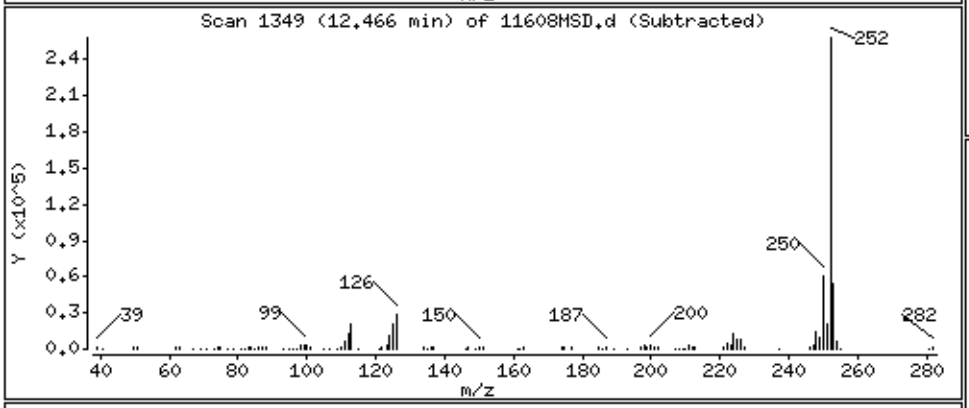
Column diameter: 0.25

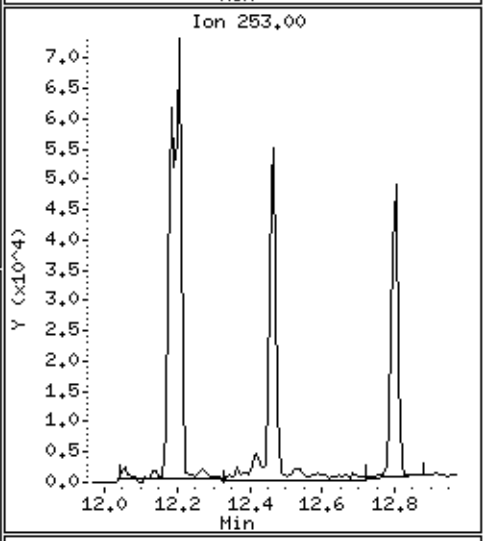
129 Benzo[a]pyrene

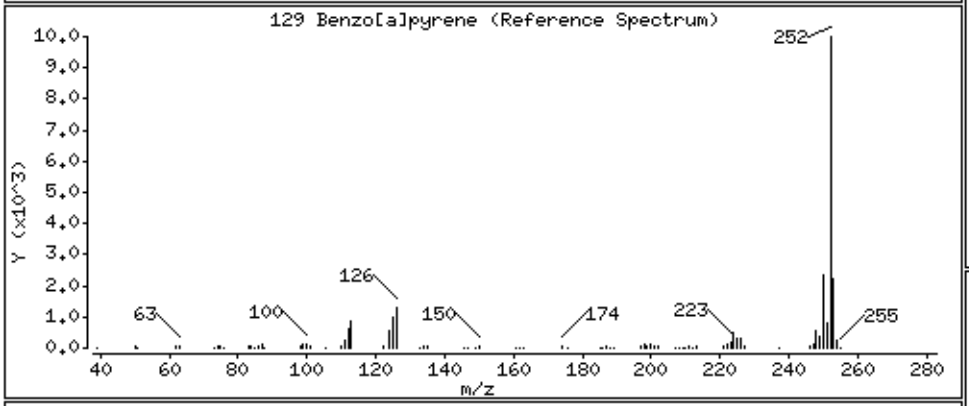
Concentration: 2230 ug/kg

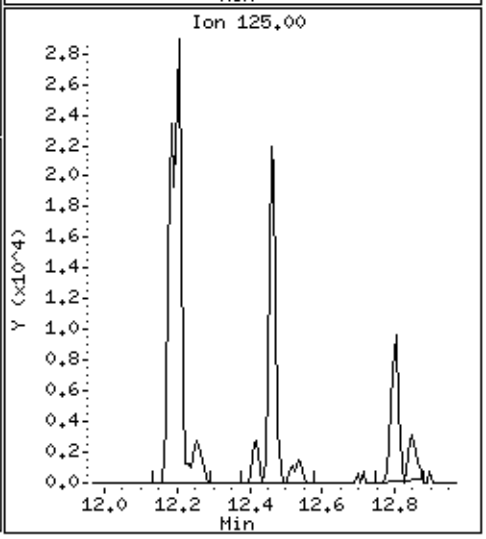


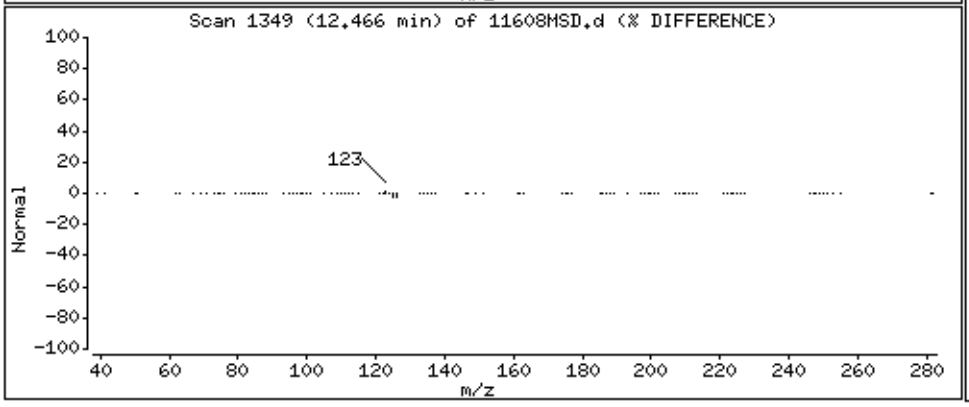












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

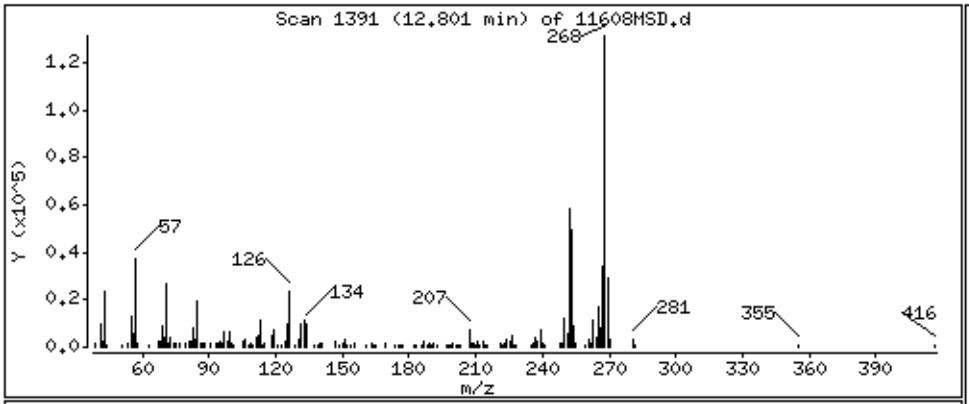
Operator: MJ

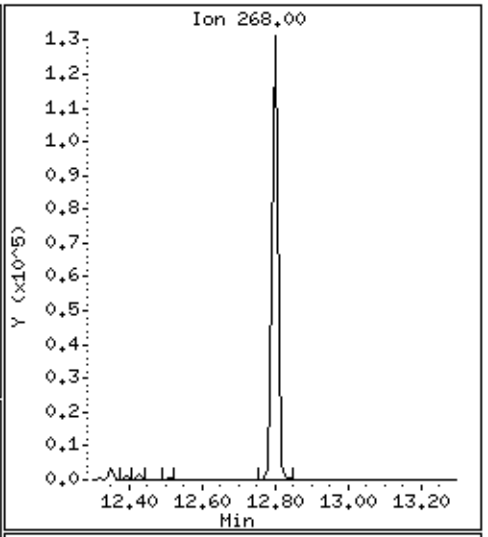
Column phase: HPMS-5

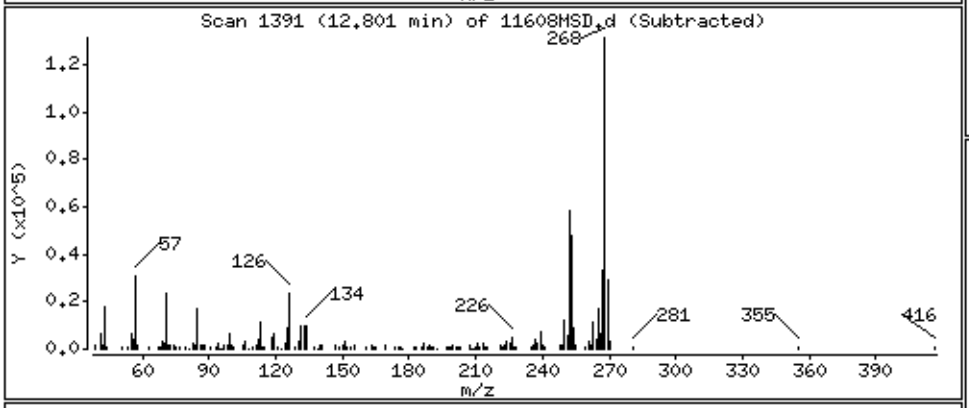
Column diameter: 0.25

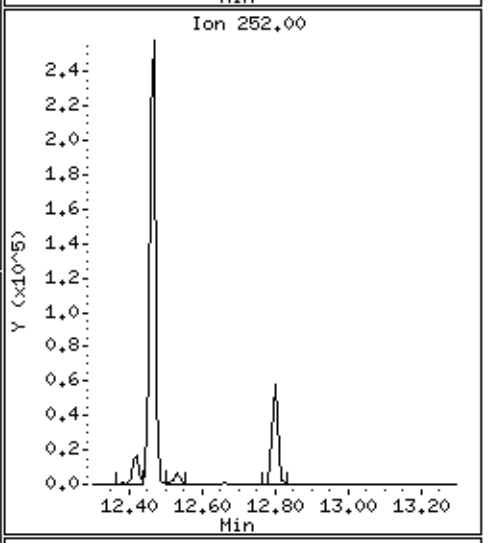
131 3-Methylcholanthrene

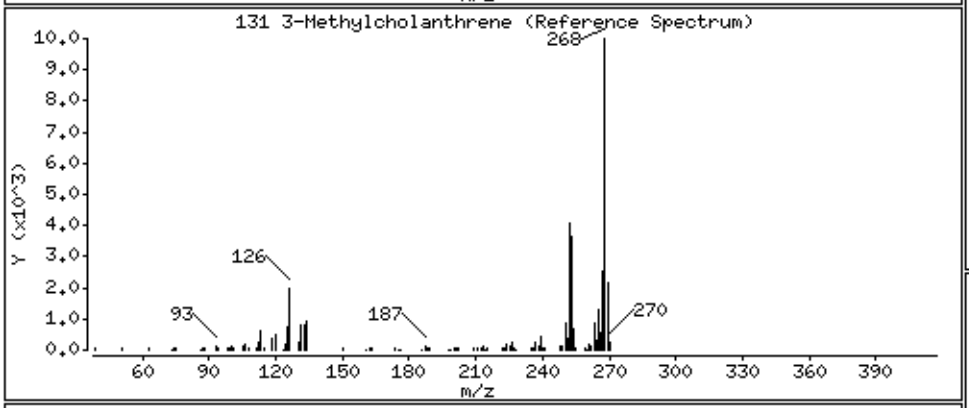
Concentration: 2890 ug/kg

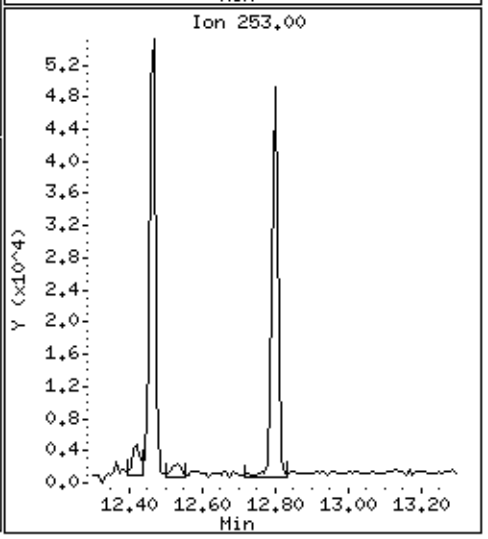


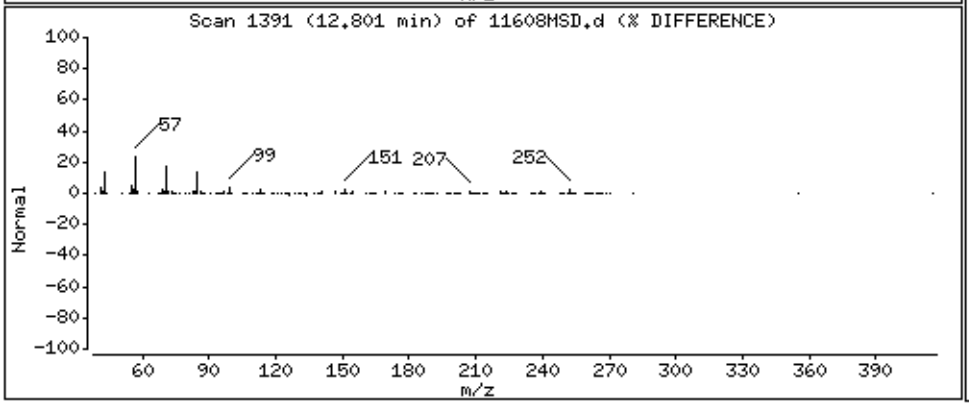












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

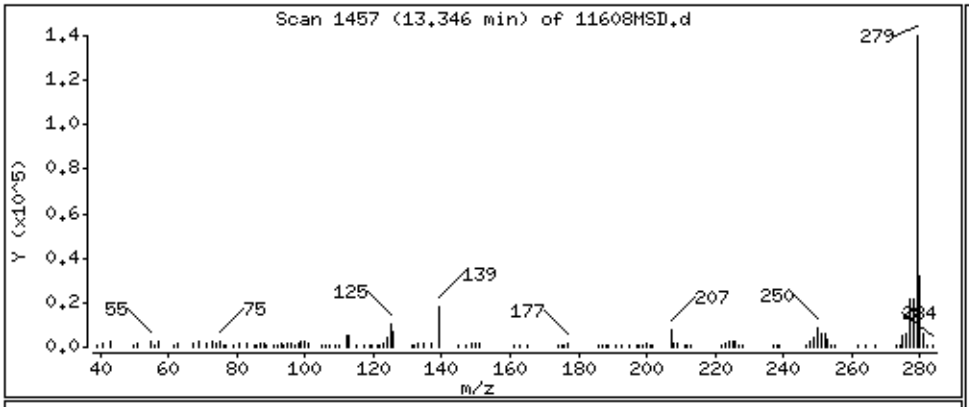
Operator: MJ

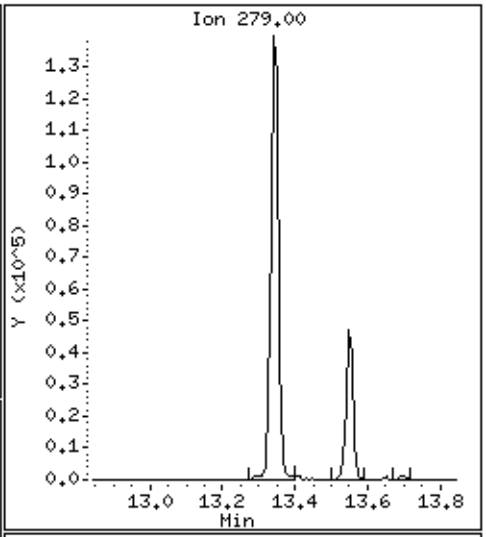
Column phase: HPMS-5

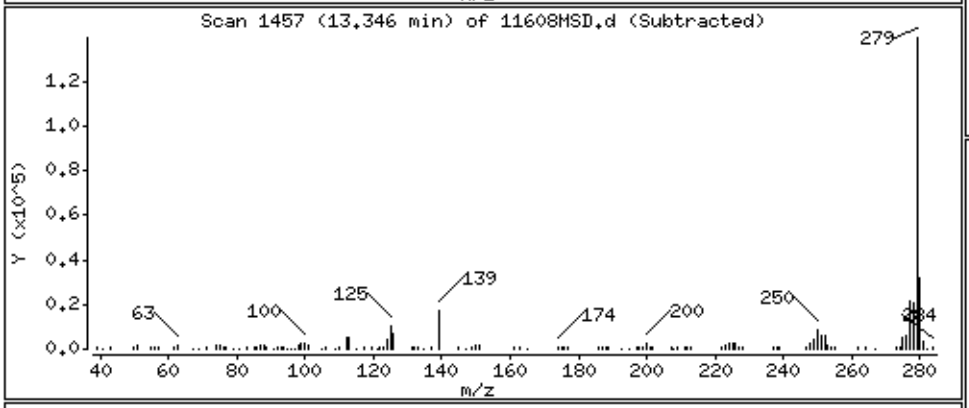
Column diameter: 0.25

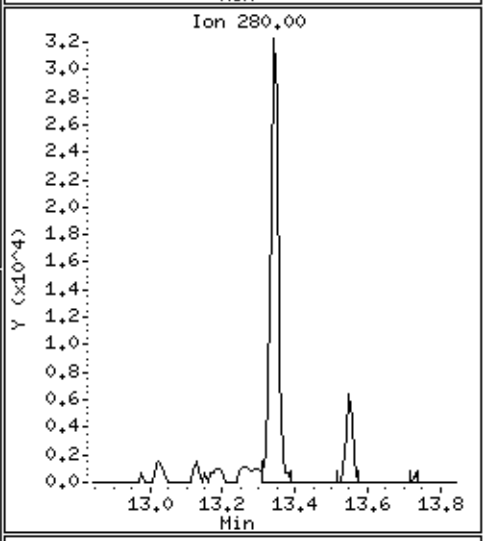
132 Dibenz(a,j)acridine

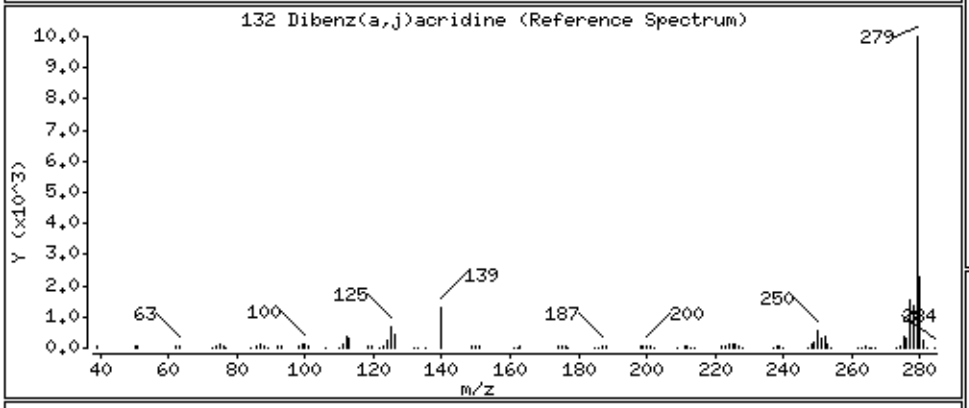
Concentration: 1790 ug/kg

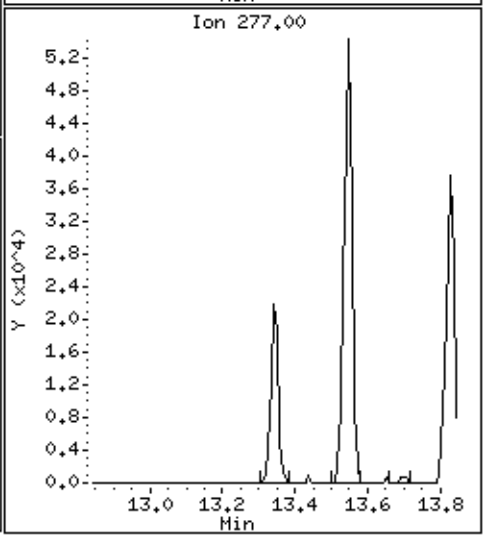


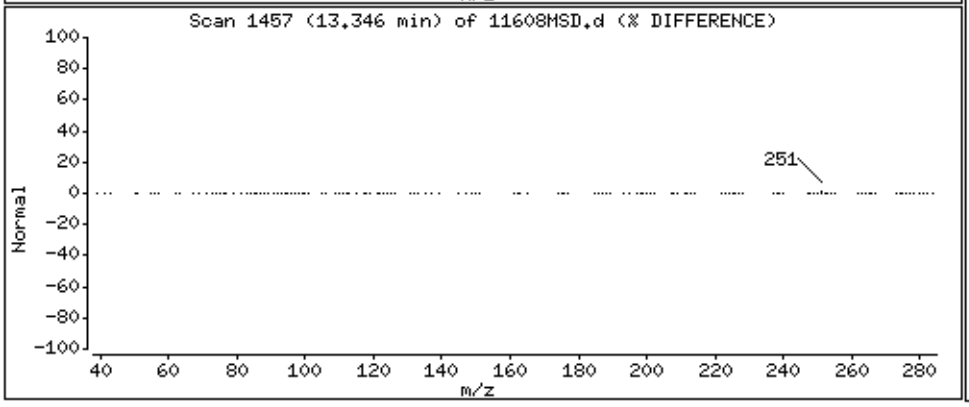












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

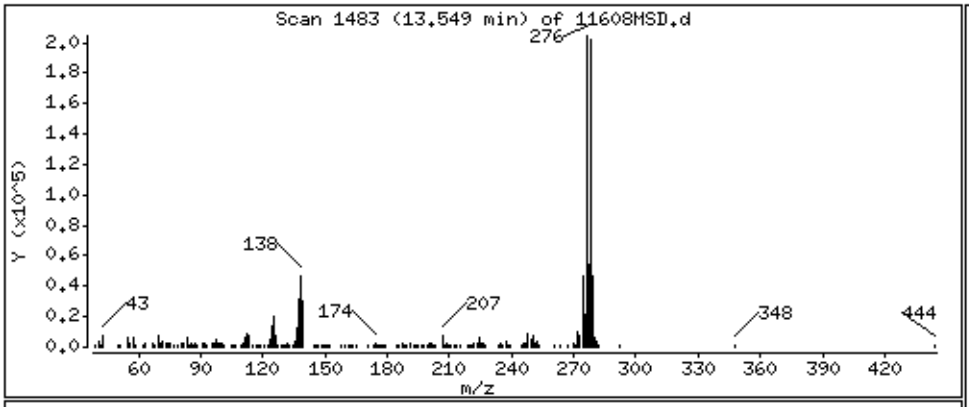
Operator: MJ

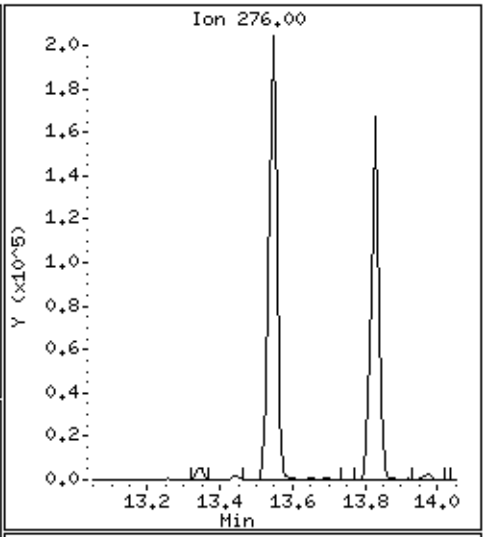
Column phase: HPMS-5

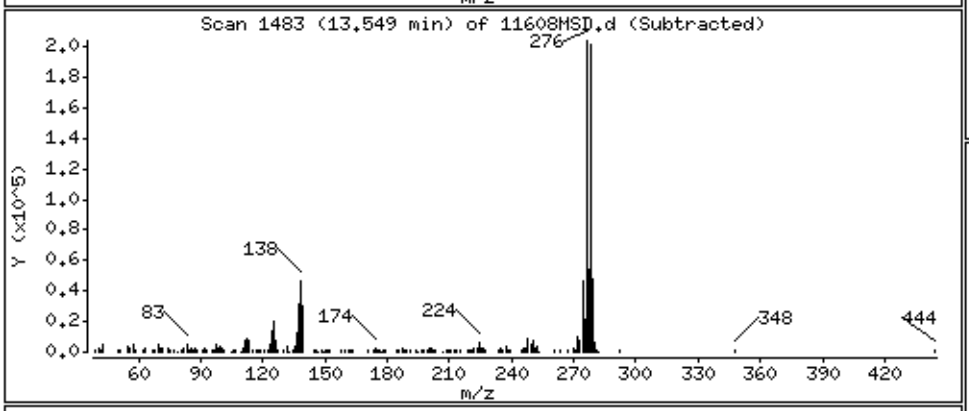
Column diameter: 0.25

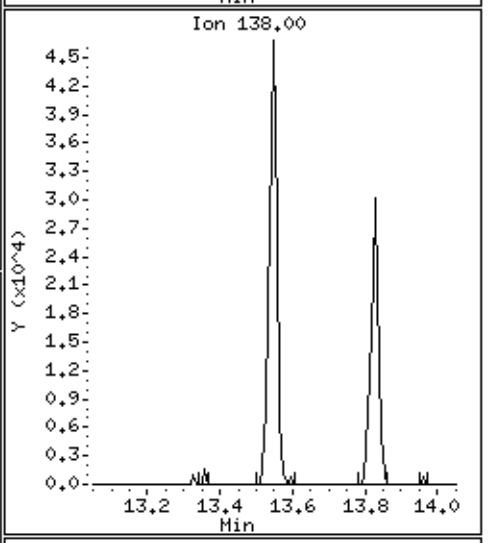
133 Indeno[1,2,3-cd]pyrene

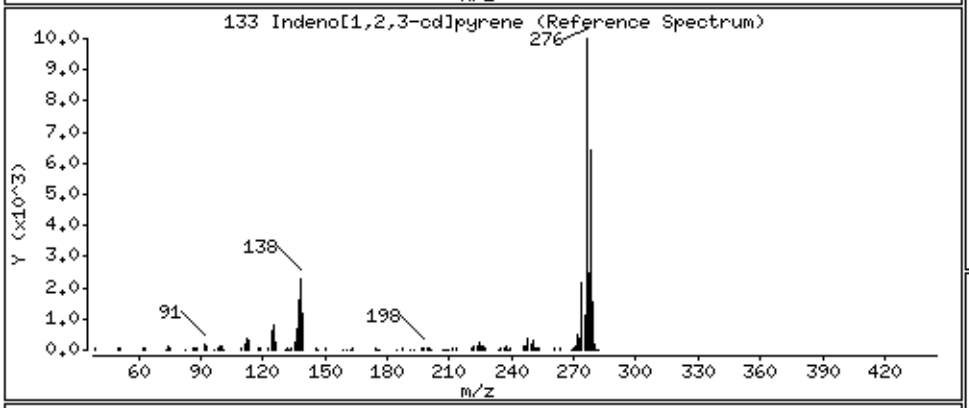
Concentration: 2010 ug/kg

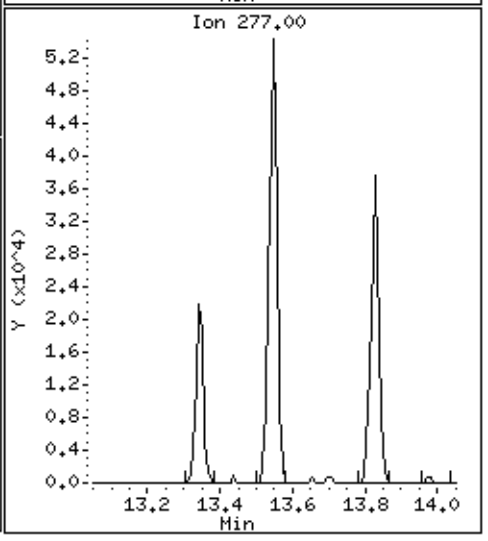


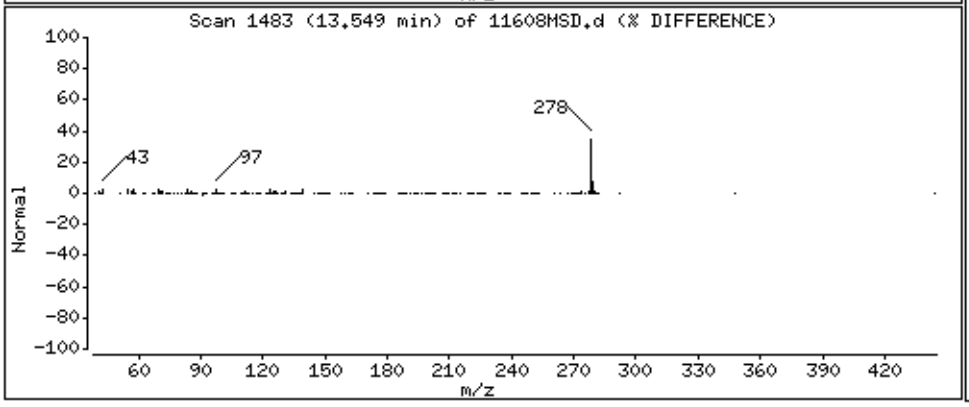












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

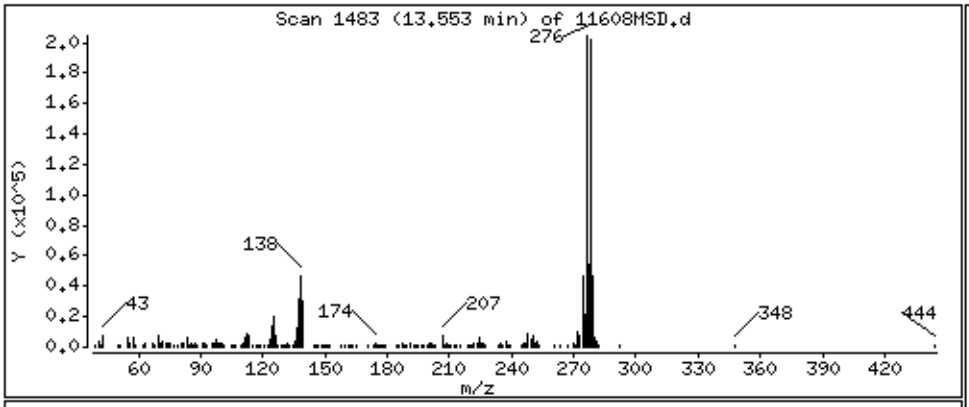
Operator: MJ

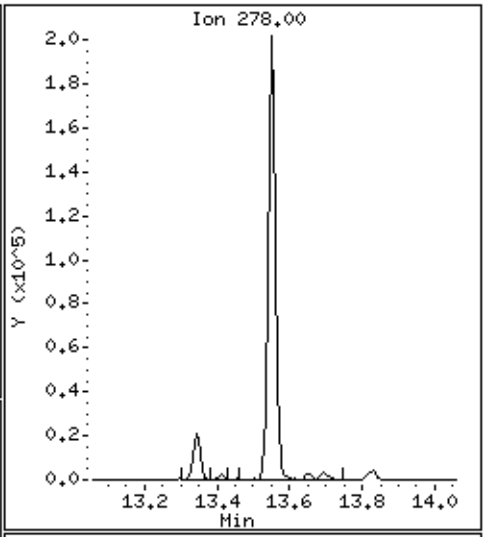
Column phase: HPMS-5

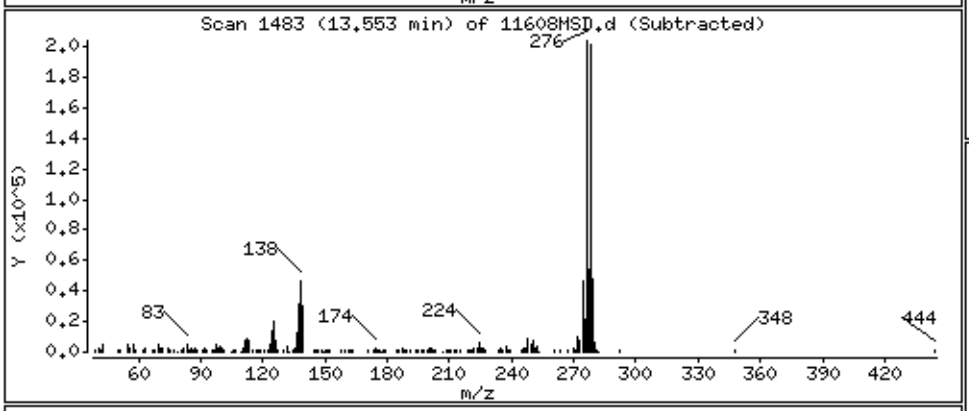
Column diameter: 0.25

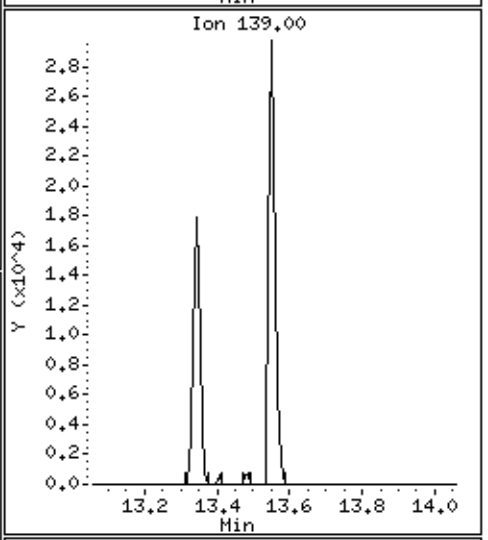
134 Dibenz[a,h]anthracene

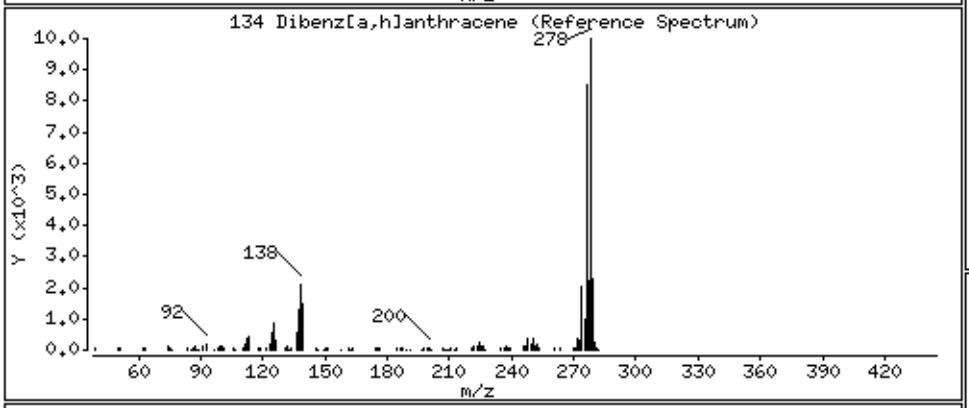
Concentration: 1990 ug/kg

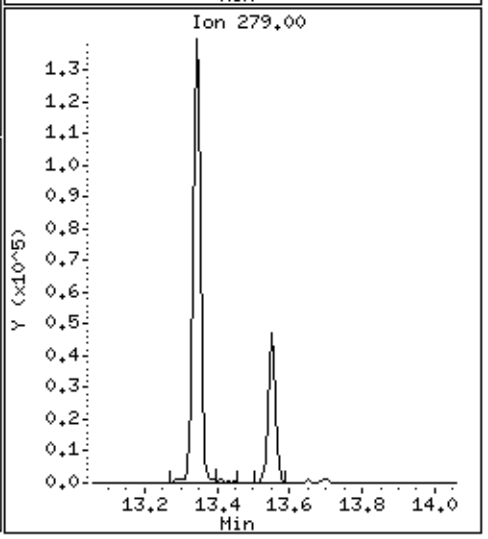


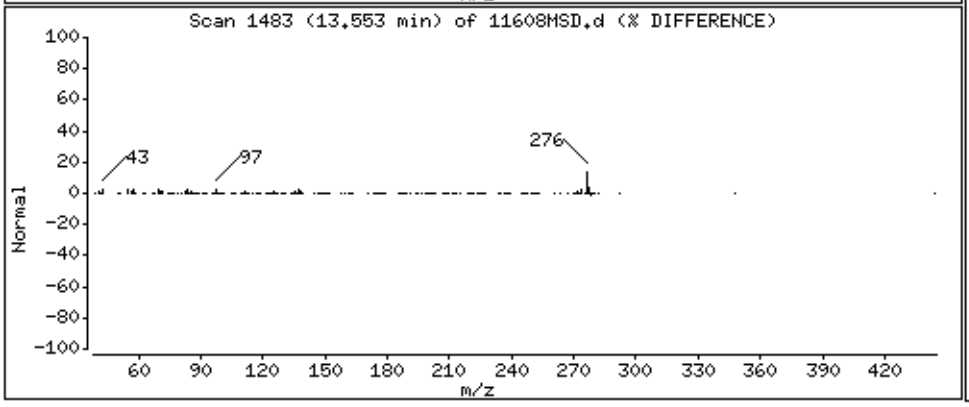












Data File: \\Svecd04\DD\chem\smsd04.i\S4112912P.b\11608MSD.d

Date : 29-NOV-2012 16:11

Client ID: FM0126C-GS-SPMSD

Instrument: smsd04.i

Sample Info: SW154213MSD

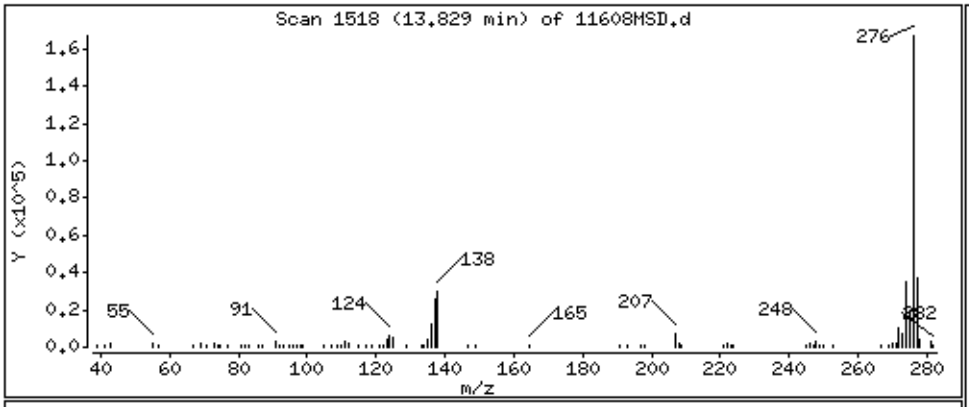
Operator: MJ

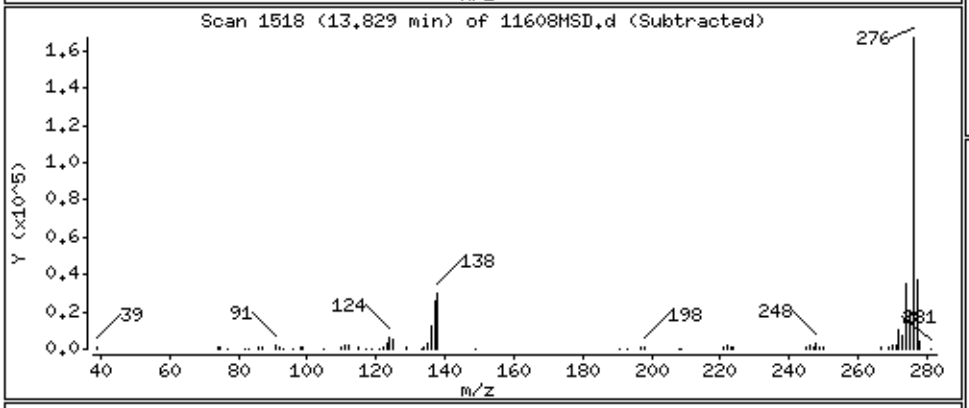
Column phase: HPMS-5

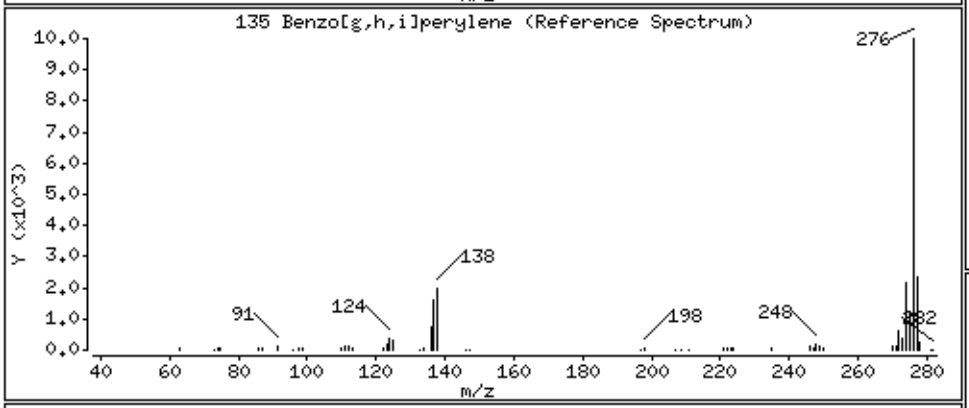
Column diameter: 0.25

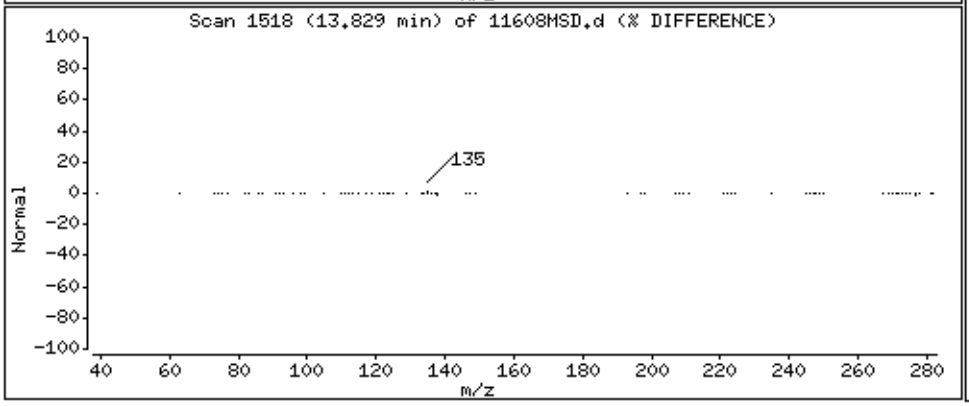
135 Benzo[g,h,i]perylene

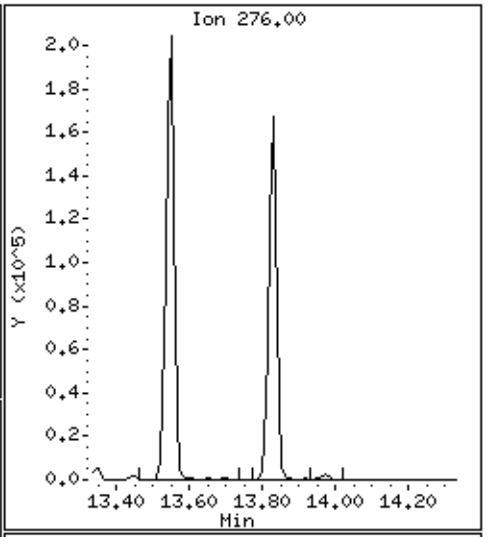
Concentration: 2000 ug/kg

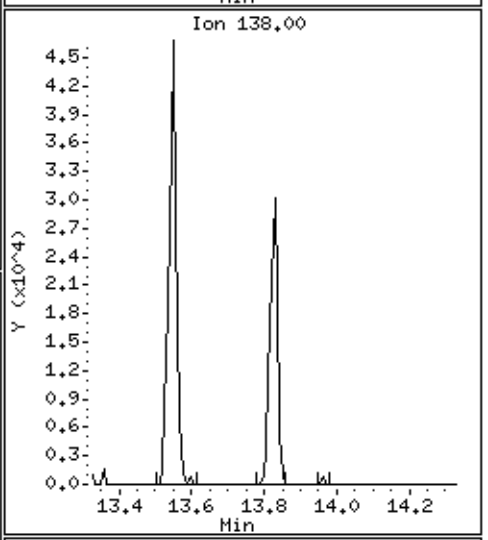


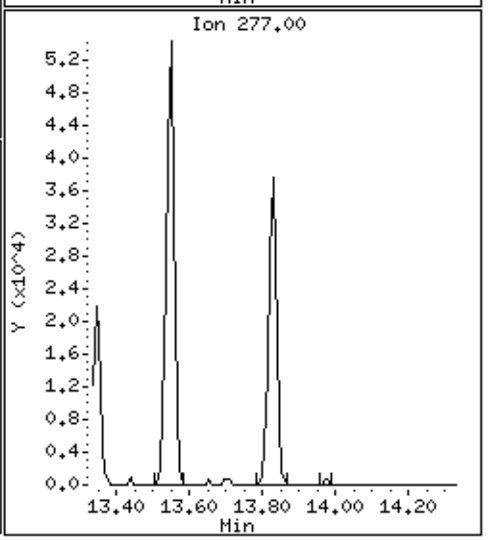












Raw Data Inorganics/Metals

Spectrum Analytical, Inc. Florida Division

Prepared by: JB
Balance ID: Met 1
Filter Lot: NA
LCS/MS/SD Spike amount: 1.00 mL Each
Water Bath Temperature: 95 °C
Dig Tube: 1207143

Date Prepared: 11/20/12
Majors Spike: MET# 46091
Minors Spike: MET# 47299
Pipette(s) Used for spikes: P2
Thermometer ID: 11873
Glass Beads: 33394

Reagents: PM#
HNO_3 48316
HCl 48292
H_2O_2 47580

Method (Circle one)
Water: 3010A = ICP
3005A = ICP
3020A Mod = Furnace
3020A Sb Mod = Furnace
Soil: 3050B = ICP or Furnace
ILMO5.2 = CLP

PREP ID # 112012B
Start Time: 17:35 Stop Time: 18:55

6010 s

	Container #	Sample ID	ID	Initial Weight (g) or Volume (mL) 3 SigFig	Final volume (mL)	Comment or Notification:	Pilot Batch # : 11621
		BLK 112012B	BLK	.509	50.0 mL		Pilot# 154331
		LCS	LCS	.502			Pilot# 32
		LCSD	LCSD	.506			Pilot# 33
1	1	3507600 07		.507		IV 11/26	
1	1		MS	.642			Pilot# 34
1	1		SD	.628			Pilot# 35
2	2	08		.604			
3	2	11		.593			
4	2	3507601 06		.557		IV 11/26	
5	1	07		.523			
6	1	08		.523			
7	1	09		.517			
8	1	10		.531			
9	2	3507616 02		.785		IV 11/28	
10	2	05		.585			
11	2	13		.553			
12	2	15		.602			
13							
14							
15							
16							
17							
18							
19							
20							

JB 11/20/12

==========

Sequence No.: 1 **Autosampler Location: 1**
Sample ID: STD1-Blank **Date Collected: 11/21/2012 12:02:08 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:41:34 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: STD1-Blank

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Sc Radial	224547.2	651.83	0.29%	100	%
Sc 361.383	2492771.4	31421.50	1.26%	100	%
Ag 328.068†	-196.2	18.28	9.32%	[0.00]	ug/L
Al 308.215†	-20.3	3.77	18.55%	[0.00]	ug/L
As 188.979†	-11.2	1.98	17.69%	[0.00]	ug/L
Ba 233.527†	-144.5	7.79	5.39%	[0.00]	ug/L
Be 234.861†	-437.7	5.32	1.22%	[0.00]	ug/L
Ca 315.887†	-472.4	4.73	1.00%	[0.00]	ug/L
Cd 226.502†	-44.2	1.31	2.97%	[0.00]	ug/L
Co 228.616†	-142.0	5.26	3.71%	[0.00]	ug/L
Cr 267.716†	64.8	11.12	17.16%	[0.00]	ug/L
Cu 324.752†	5718.2	41.68	0.73%	[0.00]	ug/L
Fe 259.939†	63.7	1.11	1.74%	[0.00]	ug/L
K 766.490†	-1740.1	88.04	5.06%	[0.00]	ug/L
Mg 279.077†	117.1	33.37	28.50%	[0.00]	ug/L
Mn 257.610†	282.0	16.02	5.68%	[0.00]	ug/L
Mo 202.031†	3.6	2.08	58.17%	[0.00]	ug/L
Na 589.592†	308.2	35.16	11.41%	[0.00]	ug/L
Ni 231.604†	-81.5	2.32	2.85%	[0.00]	ug/L
Pb 220.353†	40.4	3.25	8.04%	[0.00]	ug/L
Sb 206.836†	40.2	3.45	8.59%	[0.00]	ug/L
Se 196.026†	5.8	1.19	20.36%	[0.00]	ug/L
Sn 189.927†	-2.8	2.97	107.84%	[0.00]	ug/L
Sr 421.552†	41.3	2.94	7.11%	[0.00]	ug/L
Ti 334.940†	227.3	51.52	22.67%	[0.00]	ug/L
Tl 190.801†	-37.8	2.13	5.62%	[0.00]	ug/L
V 292.402†	-1.4	3.59	252.93%	[0.00]	ug/L
Zn 206.200†	15.1	5.16	34.25%	[0.00]	ug/L

Sequence No.: 2 **Autosampler Location: 14**
Sample ID: Calib Std 1Maj **Date Collected: 11/21/2012 12:08:17 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:42:44 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 1Maj

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Sc Radial	223694.3	1022.05	0.46%	99.6	%
Sc 361.383	2485902.6	25031.25	1.01%	99.7	%
Al 308.215†	37.9	3.54	9.34%	[25]	ug/L
Ba 233.527†	91.3	2.79	3.05%	[0.5]	ug/L
Be 234.861†	136.2	9.39	6.89%	[0.5]	ug/L
Ca 315.887†	164.0	3.10	1.89%	[25]	ug/L
Cd 226.502†	10.1	1.15	11.39%	[0.5]	ug/L
Co 228.616†	26.3	4.99	18.96%	[0.5]	ug/L
Fe 259.939†	515.0	9.15	1.78%	[40]	ug/L
K 766.490†	222.3	97.27	43.76%	[25]	ug/L
Mg 279.077†	298.5	8.77	2.94%	[25]	ug/L
Na 589.592†	227.4	47.48	20.88%	[25]	ug/L
Sr 421.552†	260.3	15.65	6.01%	[0.4]	ug/L
Ti 334.940†	279.3	20.62	7.38%	[0.4]	ug/L
V 292.402†	22.1	7.43	33.58%	[0.5]	ug/L

Sequence No.: 3 **Autosampler Location: 2**
Sample ID: Calib Std 1 **Date Collected: 11/21/2012 12:14:26 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:42:45 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Sc Radial	222865.6	1001.95	0.45%	99.3	%
Sc 361.383	2503197.1	13655.33	0.55%	100	%
Ag 328.068†	786.3	30.74	3.91%	[5]	ug/L
Al 308.215†	413.6	9.47	2.29%	[250]	ug/L
As 188.979†	7.2	1.91	26.45%	[5]	ug/L
Ba 233.527†	867.9	2.47	0.28%	[5]	ug/L
Be 234.861†	1361.2	13.11	0.96%	[5]	ug/L
Ca 315.887†	1524.3	6.02	0.40%	[250]	ug/L
Cd 226.502†	75.6	2.42	3.20%	[5]	ug/L
Co 228.616†	200.9	8.54	4.25%	[5]	ug/L
Cr 267.716†	254.1	6.34	2.50%	[5]	ug/L
Cu 324.752†	1641.4	31.50	1.92%	[5]	ug/L
Fe 259.939†	5182.2	30.34	0.59%	[400]	ug/L
K 766.490†	1131.1	24.73	2.19%	[250]	ug/L
Mg 279.077†	3017.0	40.49	1.34%	[250]	ug/L
Mn 257.610†	4178.7	58.44	1.40%	[5]	ug/L
Mo 202.031†	31.4	3.65	11.61%	[5]	ug/L
Na 589.592†	2482.7	15.49	0.62%	[250]	ug/L
Ni 231.604†	97.9	5.17	5.29%	[5]	ug/L
Pb 220.353†	17.4	6.69	38.48%	[5]	ug/L
Sb 206.836†	14.6	1.04	7.15%	[5]	ug/L
Se 196.026†	4.1	3.70	89.56%	[5]	ug/L
Sn 189.927†	23.4	2.08	8.86%	[4]	ug/L
Sr 421.552†	2513.5	7.30	0.29%	[4]	ug/L
Ti 334.940†	2517.3	12.73	0.51%	[4]	ug/L
Tl 190.801†	8.3	3.20	38.69%	[5]	ug/L
V 292.402†	296.7	5.41	1.82%	[5]	ug/L
Zn 206.200†	116.4	1.54	1.32%	[5]	ug/L

Sequence No.: 4 **Autosampler Location: 3**
Sample ID: Calib Std 2 **Date Collected: 11/21/2012 12:20:36 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:42:47 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Sc Radial	221852.6	1871.91	0.84%	98.8	%
Sc 361.383	2462052.9	16923.45	0.69%	98.8	%
Ag 328.068†	7757.5	167.20	2.16%	[50]	ug/L
Al 308.215†	4284.2	75.03	1.75%	[2500]	ug/L
As 188.979†	78.2	1.41	1.80%	[50]	ug/L
Ba 233.527†	8888.2	165.44	1.86%	[50]	ug/L
Be 234.861†	14160.4	938.40	6.63%	[50]	ug/L
Ca 315.887†	15304.4	40.00	0.26%	[2500]	ug/L
Cd 226.502†	719.5	4.21	0.59%	[50]	ug/L
Co 228.616†	2008.1	5.92	0.30%	[50]	ug/L
Cr 267.716†	2621.6	54.28	2.07%	[50]	ug/L
Cu 324.752†	17664.4	547.48	3.10%	[50]	ug/L
Fe 259.939†	52477.8	640.54	1.22%	[4000]	ug/L
K 766.490†	12251.0	181.90	1.48%	[2500]	ug/L
Mg 279.077†	30527.0	504.01	1.65%	[2500]	ug/L
Mn 257.610†	42202.0	852.55	2.02%	[50]	ug/L
Mo 202.031†	336.3	1.68	0.50%	[50]	ug/L
Na 589.592†	25747.1	54.45	0.21%	[2500]	ug/L
Ni 231.604†	965.9	7.65	0.79%	[50]	ug/L
Pb 220.353†	164.7	3.05	1.85%	[50]	ug/L
Sb 206.836†	161.2	4.22	2.62%	[50]	ug/L
Se 196.026†	54.9	4.36	7.94%	[50]	ug/L
Sn 189.927†	127.5	3.58	2.81%	[40]	ug/L
Sr 421.552†	25581.4	304.74	1.19%	[40]	ug/L
Ti 334.940†	25639.3	907.85	3.54%	[40]	ug/L
Tl 190.801†	81.0	2.52	3.11%	[50]	ug/L
V 292.402†	3140.1	97.54	3.11%	[50]	ug/L
Zn 206.200†	1152.0	10.03	0.87%	[50]	ug/L

Sequence No.: 5 **Autosampler Location: 4**
Sample ID: Calib Std 3 **Date Collected: 11/21/2012 12:25:52 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:42:48 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Sc Radial	219787.9	800.75	0.36%	97.9	%
Sc 361.383	2436250.1	28623.02	1.17%	97.7	%
Ag 328.068†	78138.0	1754.72	2.25%	[500]	ug/L
Al 308.215†	43887.0	117.22	0.27%	[25000]	ug/L
As 188.979†	835.1	10.54	1.26%	[500]	ug/L
Ba 233.527†	88362.7	903.42	1.02%	[500]	ug/L
Be 234.861†	150785.7	1896.04	1.26%	[500]	ug/L
Ca 315.887†	154371.0	711.13	0.46%	[25000]	ug/L
Cd 226.502†	7230.3	123.63	1.71%	[500]	ug/L
Co 228.616†	19838.5	287.60	1.45%	[500]	ug/L
Cr 267.716†	26136.5	310.83	1.19%	[500]	ug/L
Cu 324.752†	178392.0	599.40	0.34%	[500]	ug/L
Fe 259.939†	523394.2	1282.53	0.25%	[40000]	ug/L
K 766.490†	124347.4	329.45	0.26%	[25000]	ug/L
Mg 279.077†	304917.6	3643.60	1.19%	[25000]	ug/L
Mn 257.610†	415222.4	2146.18	0.52%	[500]	ug/L
Mo 202.031†	3368.8	33.96	1.01%	[500]	ug/L
Na 589.592†	263985.2	1161.60	0.44%	[25000]	ug/L
Ni 231.604†	9395.8	180.88	1.93%	[500]	ug/L
Pb 220.353†	1619.3	28.58	1.76%	[500]	ug/L
Sb 206.836†	1568.6	17.72	1.13%	[500]	ug/L
Se 196.026†	564.0	9.80	1.74%	[500]	ug/L
Sn 189.927†	1200.7	9.07	0.76%	[400]	ug/L
Sr 421.552†	257605.7	3137.65	1.22%	[400]	ug/L
Ti 334.940†	260689.4	1252.47	0.48%	[400]	ug/L
Tl 190.801†	819.9	7.83	0.95%	[500]	ug/L
V 292.402†	31400.3	690.22	2.20%	[500]	ug/L
Zn 206.200†	11500.9	92.90	0.81%	[500]	ug/L

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Sequence No.: 6 **Autosampler Location: 9**
Sample ID: Calib Std 4 **Date Collected: 11/21/2012 12:31:12 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:42:50 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 4

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Sc Radial	207084.7	2553.99	1.23%	92.2	%
Sc 361.383	2213778.0	18028.00	0.81%	88.8	%
Al 308.215†	449035.5	469.58	0.10%	[250000]	ug/L
As 188.979†	8413.3	33.97	0.40%	[5000]	ug/L
Ba 233.527†	827510.7	1921.73	0.23%	[5000]	ug/L
Be 234.861†	1509070.5	34440.13	2.28%	[5000]	ug/L
Ca 315.887†	1527484.8	9477.28	0.62%	[250000]	ug/L
Cd 226.502†	65107.7	534.40	0.82%	[5000]	ug/L
Co 228.616†	180761.0	392.50	0.22%	[5000]	ug/L
Cr 267.716†	243910.4	594.47	0.24%	[5000]	ug/L
Cu 324.752†	1822308.6	20308.75	1.11%	[5000]	ug/L
Fe 259.939†	4677324.1	21325.97	0.46%	[400000]	ug/L
K 766.490†	1317008.3	4176.51	0.32%	[250000]	ug/L
Mg 279.077†	2818406.4	29706.45	1.05%	[250000]	ug/L
Mn 257.610†	3827875.9	13225.39	0.35%	[5000]	ug/L
Mo 202.031†	31433.6	325.39	1.04%	[5000]	ug/L
Na 589.592†	2692164.3	58199.89	2.16%	[250000]	ug/L
Ni 231.604†	83812.7	1168.62	1.39%	[5000]	ug/L
Pb 220.353†	14990.4	31.84	0.21%	[5000]	ug/L
Sb 206.836†	15768.6	47.37	0.30%	[5000]	ug/L
Se 196.026†	5629.4	43.18	0.77%	[5000]	ug/L
Sn 189.927†	11285.1	56.15	0.50%	[4000]	ug/L
Sr 421.552†	2542406.4	28569.62	1.12%	[4000]	ug/L
Ti 334.940†	2486560.3	32775.22	1.32%	[4000]	ug/L
Tl 190.801†	7315.3	33.49	0.46%	[5000]	ug/L
V 292.402†	303784.4	3379.51	1.11%	[5000]	ug/L
Zn 206.200†	103633.9	616.33	0.59%	[5000]	ug/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	3	Wt. Lin	7.7	155.7	0.00000	0.999991	
Al 308.215	5	Wt. Lin	-5.7	1.738	0.00000	0.999652	
As 188.979	4	Wt. Lin	-1.1	1.649	0.00000	0.999619	
Ba 233.527	5	Wt. Lin	4.8	173.1	0.00000	0.999594	
Be 234.861	5	Wt. Lin	-10.0	290.7	0.00000	0.999110	
Ca 315.887	5	Wt. Lin	10.9	6.115	0.00000	0.999974	
Cd 226.502	5	Wt. Lin	3.1	14.07	0.00000	0.998994	
Co 228.616	5	Wt. Lin	7.0	38.65	0.00000	0.999188	
Cr 267.716	4	Wt. Lin	-0.8	51.12	0.00000	0.999409	
Cu 324.752	4	Wt. Lin	-157.5	359.4	0.00000	0.999944	
Fe 259.939	5	Wt. Lin	8.1	12.70	0.00000	0.998860	
K 766.490	5	Wt. Lin	99.9	4.823	0.00000	0.995966	
Mg 279.077	5	Wt. Lin	0.6	11.93	0.00000	0.999444	
Mn 257.610	4	Wt. Lin	138.0	811.3	0.00000	0.999083	
Mo 202.031	4	Wt. Lin	-1.4	6.588	0.00000	0.999412	
Na 589.592	5	Wt. Lin	-34.5	10.44	0.00000	0.999662	
Ni 231.604	4	Wt. Lin	7.4	18.20	0.00000	0.998182	
Pb 220.353	4	Wt. Lin	1.6	3.161	0.00000	0.999240	
Sb 206.836	4	Wt. Lin	-1.3	3.179	0.00000	0.999872	
Se 196.026	4	Wt. Lin	-1.5	1.129	0.00000	0.999998	
Sn 189.927	4	Wt. Lin	11.9	2.894	0.00000	0.999745	
Sr 421.552	5	Wt. Lin	5.2	636.8	0.00000	0.999949	
Ti 334.940	5	Wt. Lin	25.1	634.4	0.00000	0.999794	
Tl 190.801	4	Wt. Lin	0.4	1.569	0.00000	0.998696	
V 292.402	5	Wt. Lin	-8.9	61.93	0.00000	0.999864	
Zn 206.200	4	Wt. Lin	5.9	22.19	0.00000	0.998785	

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Sequence No.: 7 **Autosampler Location: 6**
Sample ID: ICV **Date Collected: 11/21/2012 12:55:46 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:42:51 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	220833.1	98.3	%	1.15				1.17%
Sc 361.383	2420162.2	97.1	%	0.73				0.75%
Ag 328.068†	25020.2	167	ug/L	3.4	167	ug/L	3.4	2.05%
QC value within limits for Ag 328.068 Recovery = 104.54%								
Al 308.215†	70206.4	40400	ug/L	286.2	40400	ug/L	286.2	0.71%
QC value within limits for Al 308.215 Recovery = 101.02%								
As 188.979†	676.0	415	ug/L	3.1	415	ug/L	3.1	0.76%
QC value within limits for As 188.979 Recovery = 103.63%								
Ba 233.527†	207670.1	1200	ug/L	7.9	1200	ug/L	7.9	0.66%
QC value within limits for Ba 233.527 Recovery = 99.97%								
Be 234.861†	123428.2	427	ug/L	6.8	427	ug/L	6.8	1.61%
QC value within limits for Be 234.861 Recovery = 106.64%								
Ca 315.887†	247869.9	40500	ug/L	76.1	40500	ug/L	76.1	0.19%
QC value within limits for Ca 315.887 Recovery = 101.33%								
Cd 226.502†	5465.2	384	ug/L	13.6	384	ug/L	13.6	3.54%
QC value within limits for Cd 226.502 Recovery = 95.98%								
Co 228.616†	15171.7	390	ug/L	5.1	390	ug/L	5.1	1.31%
QC value within limits for Co 228.616 Recovery = 97.60%								
Cr 267.716†	20450.0	401	ug/L	5.3	401	ug/L	5.3	1.32%
QC value within limits for Cr 267.716 Recovery = 100.15%								
Cu 324.752†	142266.8	395	ug/L	6.9	395	ug/L	6.9	1.74%
QC value within limits for Cu 324.752 Recovery = 98.80%								
Fe 259.939†	515724.8	40600	ug/L	216.6	40600	ug/L	216.6	0.53%
QC value within limits for Fe 259.939 Recovery = 101.51%								
K 766.490†	199610.6	41400	ug/L	322.1	41400	ug/L	322.1	0.78%
QC value within limits for K 766.490 Recovery = 103.42%								
Mg 279.077†	483812.2	40500	ug/L	697.1	40500	ug/L	697.1	1.72%
QC value within limits for Mg 279.077 Recovery = 101.37%								
Mn 257.610†	329865.4	406	ug/L	1.9	406	ug/L	1.9	0.46%
QC value within limits for Mn 257.610 Recovery = 101.54%								
Mo 202.031†	2690.3	410	ug/L	2.9	410	ug/L	2.9	0.70%
QC value within limits for Mo 202.031 Recovery = 102.58%								
Na 589.592†	417956.1	40000	ug/L	398.2	40000	ug/L	398.2	0.99%
QC value within limits for Na 589.592 Recovery = 100.12%								
Ni 231.604†	7562.3	415	ug/L	10.9	415	ug/L	10.9	2.62%
QC value within limits for Ni 231.604 Recovery = 103.73%								
Pb 220.353†	1267.2	401	ug/L	4.7	401	ug/L	4.7	1.17%
QC value within limits for Pb 220.353 Recovery = 100.21%								
Sb 206.836†	1251.6	389	ug/L	3.5	389	ug/L	3.5	0.90%
QC value within limits for Sb 206.836 Recovery = 97.32%								
Se 196.026†	443.8	422	ug/L	7.7	422	ug/L	7.7	1.81%
QC value within limits for Se 196.026 Recovery = 105.59%								
Sn 189.927†	1176.9	408	ug/L	2.4	408	ug/L	2.4	0.60%
QC value within limits for Sn 189.927 Recovery = 102.04%								
Sr 421.552†	247779.5	389	ug/L	6.5	389	ug/L	6.5	1.66%
QC value within limits for Sr 421.552 Recovery = 97.28%								
Ti 334.940†	268393.0	423	ug/L	1.7	423	ug/L	1.7	0.40%
QC value within limits for Ti 334.940 Recovery = 105.75%								
Tl 190.801†	639.3	407	ug/L	3.7	407	ug/L	3.7	0.90%
QC value within limits for Tl 190.801 Recovery = 101.70%								
V 292.402†	25755.2	414	ug/L	7.7	414	ug/L	7.7	1.87%
QC value within limits for V 292.402 Recovery = 103.57%								
Zn 206.200†	9161.3	413	ug/L	6.8	413	ug/L	6.8	1.63%
QC value within limits for Zn 206.200 Recovery = 103.36%								

All analyte(s) passed QC.

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Sequence No.: 8 **Autosampler Location: 1**
Sample ID: ICB **Date Collected: 11/21/2012 1:01:06 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:43:04 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	224929.8	100	%	1.0				1.03%
Sc 361.383	2507303.1	101	%	0.8				0.75%
Ag 328.068†	39.8	0.207	ug/L	0.1706	0.207	ug/L	0.1706	82.41%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	1.2	3.98	ug/L	0.868	3.98	ug/L	0.868	21.83%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	1.8	1.76	ug/L	1.575	1.76	ug/L	1.575	89.45%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	17.8	0.075	ug/L	0.0452	0.075	ug/L	0.0452	60.05%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	14.0	0.083	ug/L	0.0158	0.083	ug/L	0.0158	19.10%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	31.7	3.40	ug/L	1.999	3.40	ug/L	1.999	58.76%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	3.4	0.023	ug/L	0.0728	0.023	ug/L	0.0728	316.59%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	0.4	-0.170	ug/L	0.1735	-0.170	ug/L	0.1735	101.82%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	1.2	0.040	ug/L	0.1650	0.040	ug/L	0.1650	414.62%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-56.5	0.282	ug/L	0.2417	0.282	ug/L	0.2417	85.81%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	57.8	3.91	ug/L	1.062	3.91	ug/L	1.062	27.15%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	219.9	24.9	ug/L	7.77	24.9	ug/L	7.77	31.25%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	14.8	1.19	ug/L	1.182	1.19	ug/L	1.182	99.32%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	17.7	-0.148	ug/L	0.0060	-0.148	ug/L	0.0060	4.08%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	3.0	0.663	ug/L	0.5071	0.663	ug/L	0.5071	76.49%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	221.6	24.5	ug/L	6.14	24.5	ug/L	6.14	25.01%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	4.4	-0.160	ug/L	0.2759	-0.160	ug/L	0.2759	172.24%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	3.9	0.709	ug/L	0.8099	0.709	ug/L	0.8099	114.23%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	2.8	1.30	ug/L	0.872	1.30	ug/L	0.872	66.89%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-0.4	1.00	ug/L	1.460	1.00	ug/L	1.460	145.63%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	2.6	-3.22	ug/L	0.359	-3.22	ug/L	0.359	11.17%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	18.5	0.021	ug/L	0.0211	0.021	ug/L	0.0211	100.85%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	7.7	-0.027	ug/L	0.0541	-0.027	ug/L	0.0541	197.07%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-0.7	-0.704	ug/L	2.0517	-0.704	ug/L	2.0517	291.59%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	-1.1	0.125	ug/L	0.0603	0.125	ug/L	0.0603	48.22%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	-0.4	-0.285	ug/L	0.1456	-0.285	ug/L	0.1456	51.12%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 9 **Autosampler Location: 5**
Sample ID: AFCEE CRI **Date Collected: 11/21/2012 1:07:15 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:43:05 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: AFCEE CRI

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	228948.6	102	%	3.5				3.40%
Sc 361.383	2520190.9	101	%	0.6				0.59%
Ag 328.068†	1629.1	10.4	ug/L	0.06	10.4	ug/L	0.06	0.62%
QC value within limits for Ag 328.068 Recovery = 104.25%								
Al 308.215†	359.2	210	ug/L	5.7	210	ug/L	5.7	2.73%
QC value within limits for Al 308.215 Recovery = 105.04%								
As 188.979†	50.4	31.3	ug/L	1.13	31.3	ug/L	1.13	3.60%
QC value within limits for As 188.979 Recovery = 104.28%								
Ba 233.527†	1758.7	10.1	ug/L	0.03	10.1	ug/L	0.03	0.30%
QC value within limits for Ba 233.527 Recovery = 101.31%								
Be 234.861†	1433.3	4.97	ug/L	0.058	4.97	ug/L	0.058	1.16%
QC value within limits for Be 234.861 Recovery = 99.35%								
Ca 315.887†	6126.1	1000	ug/L	32.5	1000	ug/L	32.5	3.25%
QC value within limits for Ca 315.887 Recovery = 100.00%								
Cd 226.502†	72.1	4.90	ug/L	0.159	4.90	ug/L	0.159	3.25%
QC value within limits for Cd 226.502 Recovery = 98.03%								
Co 228.616†	397.1	10.1	ug/L	0.13	10.1	ug/L	0.13	1.25%
QC value within limits for Co 228.616 Recovery = 100.79%								
Cr 267.716†	529.0	10.4	ug/L	0.13	10.4	ug/L	0.13	1.23%
QC value within limits for Cr 267.716 Recovery = 103.70%								
Cu 324.752†	3501.4	10.1	ug/L	0.48	10.1	ug/L	0.48	4.70%
QC value within limits for Cu 324.752 Recovery = 101.23%								
Fe 259.939†	699.0	54.4	ug/L	1.46	54.4	ug/L	1.46	2.68%
QC value within limits for Fe 259.939 Recovery = 108.80%								
K 766.490†	4769.4	968	ug/L	42.0	968	ug/L	42.0	4.34%
QC value within limits for K 766.490 Recovery = 96.82%								
Mg 279.077†	12201.8	1020	ug/L	35.1	1020	ug/L	35.1	3.43%
QC value within limits for Mg 279.077 Recovery = 102.26%								
Mn 257.610†	8707.7	10.6	ug/L	0.10	10.6	ug/L	0.10	0.99%
QC value within limits for Mn 257.610 Recovery = 105.63%								
Mo 202.031†	100.7	15.5	ug/L	0.21	15.5	ug/L	0.21	1.35%
QC value within limits for Mo 202.031 Recovery = 103.35%								
Na 589.592†	10308.6	991	ug/L	47.9	991	ug/L	47.9	4.83%
QC value within limits for Na 589.592 Recovery = 99.10%								
Ni 231.604†	392.1	21.1	ug/L	0.30	21.1	ug/L	0.30	1.44%
QC value within limits for Ni 231.604 Recovery = 105.49%								
Pb 220.353†	79.4	24.6	ug/L	0.50	24.6	ug/L	0.50	2.01%
QC value within limits for Pb 220.353 Recovery = 98.50%								
Sb 206.836†	153.8	48.7	ug/L	0.71	48.7	ug/L	0.71	1.45%
QC value within limits for Sb 206.836 Recovery = 97.43%								
Se 196.026†	30.7	28.7	ug/L	2.33	28.7	ug/L	2.33	8.12%
QC value within limits for Se 196.026 Recovery = 95.65%								
Sn 189.927†	31.3	6.84	ug/L	1.416	6.84	ug/L	1.416	20.71%
QC value less than the lower limit for Sn 189.927 Recovery = 68.40%								
Sr 421.552†	3048.4	4.78	ug/L	0.219	4.78	ug/L	0.219	4.59%
QC value within limits for Sr 421.552 Recovery = 95.58%								
Ti 334.940†	3385.2	5.30	ug/L	0.121	5.30	ug/L	0.121	2.29%
QC value within limits for Ti 334.940 Recovery = 105.92%								
Tl 190.801†	95.3	60.4	ug/L	1.85	60.4	ug/L	1.85	3.07%
QC value within limits for Tl 190.801 Recovery = 100.60%								
V 292.402†	631.5	10.4	ug/L	0.06	10.4	ug/L	0.06	0.60%
QC value within limits for V 292.402 Recovery = 103.52%								
Zn 206.200†	460.2	20.5	ug/L	0.11	20.5	ug/L	0.11	0.55%
QC value within limits for Zn 206.200 Recovery = 102.55%								

QC Failed. Continue with analysis.

Sequence No.: 10 **Autosampler Location: 7**
Sample ID: ICSA **Date Collected: 11/21/2012 1:13:28 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:43:06 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	217573.2	96.9	%	1.17				1.21%
Sc 361.383	2272000.1	91.1	%	1.89				2.08%
Ag 328.068†	-5235.6	-0.028	ug/L	0.6152	-0.028	ug/L	0.6152	>999.9%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	432744.8	249000	ug/L	3057.7	249000	ug/L	3057.7	1.23%
QC value within limits for Al 308.215 Recovery = 99.61%								
As 188.979†	-8.3	2.07	ug/L	0.997	2.07	ug/L	0.997	48.27%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	-156.5	-0.101	ug/L	0.1050	-0.101	ug/L	0.1050	104.33%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	-2851.3	-0.010	ug/L	1.4296	-0.010	ug/L	1.4296	>999.9%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	1472686.3	241000	ug/L	2456.2	241000	ug/L	2456.2	1.02%
QC value within limits for Ca 315.887 Recovery = 96.33%								
Cd 226.502†	322.0	0.032	ug/L	0.5092	0.032	ug/L	0.5092	>999.9%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	212.7	-0.493	ug/L	0.2630	-0.493	ug/L	0.2630	53.36%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-109.1	-0.035	ug/L	0.0184	-0.035	ug/L	0.0184	52.06%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-2166.9	-5.59	ug/L	0.215	-5.59	ug/L	0.215	3.84%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	2638598.6	208000	ug/L	1828.2	208000	ug/L	1828.2	0.88%
QC value within limits for Fe 259.939 Recovery = 92.33%								
K 766.490†	191.9	19.1	ug/L	11.53	19.1	ug/L	11.53	60.51%
Mg 279.077†	2876036.4	241000	ug/L	3217.5	241000	ug/L	3217.5	1.33%
QC value within limits for Mg 279.077 Recovery = 96.41%								
Mn 257.610†	1200.4	-0.062	ug/L	0.2137	-0.062	ug/L	0.2137	346.99%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-79.4	-2.90	ug/L	0.930	-2.90	ug/L	0.930	32.05%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	283.7	30.5	ug/L	4.63	30.5	ug/L	4.63	15.20%
Ni 231.604†	26.0	0.415	ug/L	0.4664	0.415	ug/L	0.4664	112.46%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	7.0	6.04	ug/L	3.754	6.04	ug/L	3.754	62.19%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	35.2	0.062	ug/L	4.4412	0.062	ug/L	4.4412	>999.9%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-161.9	-0.063	ug/L	5.2401	-0.063	ug/L	5.2401	>999.9%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	-59.9	-3.65	ug/L	1.732	-3.65	ug/L	1.732	47.46%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	889.6	1.39	ug/L	0.067	1.39	ug/L	0.067	4.85%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	-376.3	-0.633	ug/L	0.1180	-0.633	ug/L	0.1180	18.66%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-19.8	0.109	ug/L	3.9613	0.109	ug/L	3.9613	>999.9%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	725.0	0.004	ug/L	0.4869	0.004	ug/L	0.4869	>999.9%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	79.4	0.812	ug/L	0.0794	0.812	ug/L	0.0794	9.77%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

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Sequence No.: 11 **Autosampler Location: 8**
Sample ID: ICSAB **Date Collected: 11/21/2012 1:18:46 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:43:07 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	214168.5	95.4	%	0.66				0.69%
Sc 361.383	2315362.6	92.9	%	1.07				1.15%
Ag 328.068†	25892.5	200	ug/L	2.1	200	ug/L	2.1	1.06%
QC value within limits for Ag 328.068 Recovery = 100.17%								
Al 308.215†	431865.8	249000	ug/L	652.4	249000	ug/L	652.4	0.26%
QC value within limits for Al 308.215 Recovery = 99.41%								
As 188.979†	155.4	104	ug/L	3.0	104	ug/L	3.0	2.90%
QC value within limits for As 188.979 Recovery = 104.48%								
Ba 233.527†	80826.3	468	ug/L	5.1	468	ug/L	5.1	1.08%
QC value within limits for Ba 233.527 Recovery = 93.53%								
Be 234.861†	142880.8	501	ug/L	7.2	501	ug/L	7.2	1.44%
QC value within limits for Be 234.861 Recovery = 100.29%								
Ca 315.887†	1472390.3	241000	ug/L	4419.7	241000	ug/L	4419.7	1.84%
QC value within limits for Ca 315.887 Recovery = 96.31%								
Cd 226.502†	12881.2	893	ug/L	15.7	893	ug/L	15.7	1.76%
QC value within limits for Cd 226.502 Recovery = 89.27%								
Co 228.616†	17668.1	450	ug/L	7.3	450	ug/L	7.3	1.62%
QC value within limits for Co 228.616 Recovery = 90.00%								
Cr 267.716†	23942.6	471	ug/L	6.0	471	ug/L	6.0	1.27%
QC value within limits for Cr 267.716 Recovery = 94.13%								
Cu 324.752†	172572.2	479	ug/L	4.8	479	ug/L	4.8	1.00%
QC value within limits for Cu 324.752 Recovery = 95.88%								
Fe 259.939†	2668611.5	210000	ug/L	2683.0	210000	ug/L	2683.0	1.28%
QC value within limits for Fe 259.939 Recovery = 93.38%								
K 766.490†	146.8	9.72	ug/L	5.029	9.72	ug/L	5.029	51.74%
Mg 279.077†	2888964.0	242000	ug/L	1448.2	242000	ug/L	1448.2	0.60%
QC value within limits for Mg 279.077 Recovery = 96.84%								
Mn 257.610†	380350.2	467	ug/L	5.1	467	ug/L	5.1	1.10%
QC value within limits for Mn 257.610 Recovery = 93.45%								
Mo 202.031†	3110.1	481	ug/L	8.4	481	ug/L	8.4	1.74%
QC value within limits for Mo 202.031 Recovery = 96.27%								
Na 589.592†	188.8	21.4	ug/L	7.07	21.4	ug/L	7.07	33.05%
Ni 231.604†	16376.9	899	ug/L	12.4	899	ug/L	12.4	1.38%
QC value within limits for Ni 231.604 Recovery = 89.89%								
Pb 220.353†	149.1	51.2	ug/L	2.23	51.2	ug/L	2.23	4.36%
QC value within limits for Pb 220.353 Recovery = 102.42%								
Sb 206.836†	1823.0	559	ug/L	9.5	559	ug/L	9.5	1.69%
QC value within limits for Sb 206.836 Recovery = 93.21%								
Se 196.026†	-98.9	57.8	ug/L	7.59	57.8	ug/L	7.59	13.15%
QC value within limits for Se 196.026 Recovery = 115.50%								
Sn 189.927†	1360.4	490	ug/L	11.7	490	ug/L	11.7	2.39%
QC value within limits for Sn 189.927 Recovery = 97.93%								
Sr 421.552†	303588.1	477	ug/L	8.6	477	ug/L	8.6	1.81%
QC value within limits for Sr 421.552 Recovery = 95.35%								
Ti 334.940†	316543.2	499	ug/L	3.8	499	ug/L	3.8	0.77%
QC value within limits for Ti 334.940 Recovery = 99.78%								
Tl 190.801†	122.7	87.8	ug/L	3.58	87.8	ug/L	3.58	4.08%
QC value within limits for Tl 190.801 Recovery = 87.79%								
V 292.402†	30140.0	476	ug/L	6.7	476	ug/L	6.7	1.41%
QC value within limits for V 292.402 Recovery = 95.10%								
Zn 206.200†	20074.9	904	ug/L	13.4	904	ug/L	13.4	1.48%
QC value within limits for Zn 206.200 Recovery = 90.35%								

All analyte(s) passed QC.

Sequence No.: 12 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/21/2012 1:24:00 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:43:09 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	223025.2	99.3	%	1.08				1.09%
Sc 361.383	2424564.1	97.3	%	1.36				1.40%
Ag 328.068†	80164.8	522	ug/L	9.2	522	ug/L	9.2	1.77%
QC value within limits for Ag 328.068 Recovery = 104.30%								
Al 308.215†	43077.0	24800	ug/L	130.7	24800	ug/L	130.7	0.53%
QC value within limits for Al 308.215 Recovery = 99.19%								
As 188.979†	842.9	516	ug/L	8.0	516	ug/L	8.0	1.56%
QC value within limits for As 188.979 Recovery = 103.29%								
Ba 233.527†	88370.8	511	ug/L	7.8	511	ug/L	7.8	1.52%
QC value within limits for Ba 233.527 Recovery = 102.11%								
Be 234.861†	147374.1	509	ug/L	3.3	509	ug/L	3.3	0.65%
QC value within limits for Be 234.861 Recovery = 101.78%								
Ca 315.887†	153441.3	25100	ug/L	168.4	25100	ug/L	168.4	0.67%
QC value within limits for Ca 315.887 Recovery = 100.36%								
Cd 226.502†	7232.0	510	ug/L	3.5	510	ug/L	3.5	0.68%
QC value within limits for Cd 226.502 Recovery = 101.91%								
Co 228.616†	19854.2	512	ug/L	9.5	512	ug/L	9.5	1.87%
QC value within limits for Co 228.616 Recovery = 102.31%								
Cr 267.716†	26135.8	512	ug/L	6.7	512	ug/L	6.7	1.31%
QC value within limits for Cr 267.716 Recovery = 102.38%								
Cu 324.752†	177154.9	492	ug/L	4.1	492	ug/L	4.1	0.83%
QC value within limits for Cu 324.752 Recovery = 98.40%								
Fe 259.939†	514767.7	40500	ug/L	235.5	40500	ug/L	235.5	0.58%
QC value within limits for Fe 259.939 Recovery = 101.33%								
K 766.490†	123079.4	25500	ug/L	99.4	25500	ug/L	99.4	0.39%
QC value within limits for K 766.490 Recovery = 102.00%								
Mg 279.077†	300425.9	25200	ug/L	481.8	25200	ug/L	481.8	1.91%
QC value within limits for Mg 279.077 Recovery = 100.72%								
Mn 257.610†	417748.5	514	ug/L	2.5	514	ug/L	2.5	0.49%
QC value within limits for Mn 257.610 Recovery = 102.90%								
Mo 202.031†	3370.7	514	ug/L	8.7	514	ug/L	8.7	1.70%
QC value within limits for Mo 202.031 Recovery = 102.72%								
Na 589.592†	254845.1	24400	ug/L	289.0	24400	ug/L	289.0	1.18%
QC value within limits for Na 589.592 Recovery = 97.68%								
Ni 231.604†	9573.3	525	ug/L	9.9	525	ug/L	9.9	1.88%
QC value within limits for Ni 231.604 Recovery = 105.08%								
Pb 220.353†	1636.3	516	ug/L	7.3	516	ug/L	7.3	1.42%
QC value within limits for Pb 220.353 Recovery = 103.28%								
Sb 206.836†	1581.7	492	ug/L	7.6	492	ug/L	7.6	1.54%
QC value within limits for Sb 206.836 Recovery = 98.43%								
Se 196.026†	563.9	528	ug/L	7.8	528	ug/L	7.8	1.49%
QC value within limits for Se 196.026 Recovery = 105.52%								
Sn 189.927†	1210.8	418	ug/L	7.7	418	ug/L	7.7	1.83%
QC value within limits for Sn 189.927 Recovery = 104.55%								
Sr 421.552†	252511.8	397	ug/L	8.2	397	ug/L	8.2	2.06%
QC value within limits for Sr 421.552 Recovery = 99.14%								
Ti 334.940†	258438.2	407	ug/L	3.1	407	ug/L	3.1	0.77%
QC value within limits for Ti 334.940 Recovery = 101.83%								
Tl 190.801†	824.3	524	ug/L	10.7	524	ug/L	10.7	2.04%
QC value within limits for Tl 190.801 Recovery = 104.73%								
V 292.402†	32012.5	515	ug/L	11.1	515	ug/L	11.1	2.16%
QC value within limits for V 292.402 Recovery = 103.10%								
Zn 206.200†	11736.0	530	ug/L	7.3	530	ug/L	7.3	1.38%
QC value within limits for Zn 206.200 Recovery = 105.97%								

All analyte(s) passed QC.

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Sequence No.: 13 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/21/2012 1:29:20 AM**
Analyst: **Data Type: Reprocessed on 11/21/2012 1:43:10 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	211485.5	94.2	%	8.67				9.20%
Sc 361.383	2473466.1	99.2	%	0.64				0.64%
Ag 328.068†	20.1	0.085	ug/L	0.1134	0.085	ug/L	0.1134	134.05%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	41.2	27.0	ug/L	7.60	27.0	ug/L	7.60	28.17%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	3.0	2.46	ug/L	1.552	2.46	ug/L	1.552	63.07%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	20.3	0.090	ug/L	0.0535	0.090	ug/L	0.0535	59.67%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	21.6	0.110	ug/L	0.0264	0.110	ug/L	0.0264	23.93%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	138.1	20.8	ug/L	5.52	20.8	ug/L	5.52	26.53%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	4.3	0.086	ug/L	0.1942	0.086	ug/L	0.1942	224.69%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	8.2	0.029	ug/L	0.0752	0.029	ug/L	0.0752	258.62%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	4.6	0.106	ug/L	0.1606	0.106	ug/L	0.1606	151.26%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	129.7	0.800	ug/L	0.1535	0.800	ug/L	0.1535	19.19%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	374.0	28.8	ug/L	3.99	28.8	ug/L	3.99	13.85%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	76.3	-4.89	ug/L	20.007	-4.89	ug/L	20.007	408.91%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	249.7	20.9	ug/L	3.18	20.9	ug/L	3.18	15.23%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	53.8	-0.104	ug/L	0.0151	-0.104	ug/L	0.0151	14.49%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	3.3	0.724	ug/L	0.0867	0.724	ug/L	0.0867	11.97%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	203.4	22.8	ug/L	4.79	22.8	ug/L	4.79	21.02%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-0.5	-0.430	ug/L	0.2973	-0.430	ug/L	0.2973	69.15%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	0.5	-0.369	ug/L	1.1597	-0.369	ug/L	1.1597	314.03%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-1.2	0.042	ug/L	0.5799	0.042	ug/L	0.5799	>999.9%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	3.2	4.24	ug/L	2.846	4.24	ug/L	2.846	67.18%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	1.0	-3.75	ug/L	0.994	-3.75	ug/L	0.994	26.48%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	69.3	0.101	ug/L	0.0366	0.101	ug/L	0.0366	36.37%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	95.2	0.110	ug/L	0.0418	0.110	ug/L	0.0418	37.87%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-2.2	-1.70	ug/L	0.583	-1.70	ug/L	0.583	34.39%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	0.3	0.147	ug/L	0.0385	0.147	ug/L	0.0385	26.23%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	3.4	-0.113	ug/L	0.1144	-0.113	ug/L	0.1144	100.82%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

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Analysis Begun

Start Time: 11/21/2012 1:45:20 AM **Plasma On Time: 11/20/2012 7:01:25 AM**
Logged In Analyst: inorg **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3112401Autosampler Model: AS-93plus

Sample Information File: D:\pe\inorg\Sample Information\112012A.sif
Batch ID: 112012A
Results Data Set: 112012A-2
Results Library: d:\pe\inorg\Results\Results.mdb

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Sequence No.: 1 **Autosampler Location: 6**
Sample ID: ICV **Date Collected: 11/21/2012 1:45:22 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**
User canceled analysis.

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Analysis Begun

Start Time: 11/21/2012 1:45:39 AM **Plasma On Time: 11/20/2012 7:01:25 AM**
Logged In Analyst: inorg **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3112401Autosampler Model: AS-93plus

Sample Information File: D:\pe\inorg\Sample Information\112012A.sif
Batch ID: 112012A
Results Data Set: 112012A-2
Results Library: d:\pe\inorg\Results\Results.mdb

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Sequence No.: 8 **Autosampler Location: 38**
Sample ID: 154326MB **Date Collected: 11/21/2012 1:45:40 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154326MB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sc Radial	235887.9	105	%	1.5				1.41%
Sc 361.383	2600902.0	104	%	1.1				1.01%
Ag 328.068†	9.9	0.015	ug/L	0.1927	0.015	ug/L	0.1927	>999.9%
Al 308.215†	14.2	11.4	ug/L	2.94	11.4	ug/L	2.94	25.71%
As 188.979†	2.6	2.20	ug/L	2.993	2.20	ug/L	2.993	136.11%
Ba 233.527†	13.7	0.051	ug/L	0.0080	0.051	ug/L	0.0080	15.56%
Be 234.861†	-0.8	0.032	ug/L	0.0125	0.032	ug/L	0.0125	38.99%
Ca 315.887†	101.2	14.8	ug/L	1.68	14.8	ug/L	1.68	11.35%
Cd 226.502†	3.3	0.017	ug/L	0.0962	0.017	ug/L	0.0962	567.76%
Co 228.616†	3.0	-0.104	ug/L	0.0900	-0.104	ug/L	0.0900	86.66%
Cr 267.716†	-0.4	0.008	ug/L	0.0626	0.008	ug/L	0.0626	775.04%
Cu 324.752†	-254.9	-0.271	ug/L	0.0284	-0.271	ug/L	0.0284	10.48%
Fe 259.939†	52.5	3.50	ug/L	0.460	3.50	ug/L	0.460	13.16%
K 766.490†	275.0	36.3	ug/L	9.71	36.3	ug/L	9.71	26.74%
Mg 279.077†	17.5	1.41	ug/L	0.913	1.41	ug/L	0.913	64.66%
Mn 257.610†	432.1	0.363	ug/L	0.0111	0.363	ug/L	0.0111	3.06%
Mo 202.031†	0.5	0.295	ug/L	0.1083	0.295	ug/L	0.1083	36.70%
Na 589.592†	74.0	10.4	ug/L	5.22	10.4	ug/L	5.22	50.22%
Ni 231.604†	0.8	-0.358	ug/L	0.1046	-0.358	ug/L	0.1046	29.21%
Pb 220.353†	-2.0	-1.16	ug/L	0.904	-1.16	ug/L	0.904	77.95%
Sb 206.836†	-6.3	-1.57	ug/L	0.331	-1.57	ug/L	0.331	20.99%
Se 196.026†	1.6	2.76	ug/L	1.501	2.76	ug/L	1.501	54.30%
Sn 189.927†	29.9	6.25	ug/L	1.688	6.25	ug/L	1.688	27.01%
Sr 421.552†	-1.8	-0.011	ug/L	0.0221	-0.011	ug/L	0.0221	199.98%
Ti 334.940†	90.4	0.103	ug/L	0.0326	0.103	ug/L	0.0326	31.66%
Tl 190.801†	-1.6	-1.31	ug/L	1.619	-1.31	ug/L	1.619	123.99%
V 292.402†	-0.2	0.140	ug/L	0.1446	0.140	ug/L	0.1446	103.23%
Zn 206.200†	38.7	1.48	ug/L	0.165	1.48	ug/L	0.165	11.18%

Sequence No.: 9 **Autosampler Location: 39**
Sample ID: 154327LCS **Date Collected: 11/21/2012 1:51:51 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154327LCS

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	227159.4	101	%	0.5				0.45%
Sc 361.383	2491261.0	99.9	%	0.76				0.76%
Ag 328.068†	28768.6	193	ug/L	5.7	193	ug/L	5.7	2.97%
Al 308.215†	82966.2	47800	ug/L	165.0	47800	ug/L	165.0	0.35%
As 188.979†	792.9	486	ug/L	8.2	486	ug/L	8.2	1.69%
Ba 233.527†	246010.7	1420	ug/L	10.1	1420	ug/L	10.1	0.71%
Be 234.861†	139176.2	481	ug/L	12.3	481	ug/L	12.3	2.56%
Ca 315.887†	291794.5	47700	ug/L	143.7	47700	ug/L	143.7	0.30%
Cd 226.502†	6477.9	455	ug/L	9.7	455	ug/L	9.7	2.12%
Co 228.616†	17898.6	461	ug/L	13.6	461	ug/L	13.6	2.94%
Cr 267.716†	24637.7	483	ug/L	6.3	483	ug/L	6.3	1.31%
Cu 324.752†	168468.7	468	ug/L	7.6	468	ug/L	7.6	1.63%
Fe 259.939†	608200.2	47900	ug/L	14.9	47900	ug/L	14.9	0.03%
K 766.490†	237534.7	49200	ug/L	217.4	49200	ug/L	217.4	0.44%
Mg 279.077†	558609.9	46800	ug/L	315.3	46800	ug/L	315.3	0.67%
Mn 257.610†	390610.8	481	ug/L	4.1	481	ug/L	4.1	0.85%
Mo 202.031†	3201.2	488	ug/L	8.3	488	ug/L	8.3	1.71%
Na 589.592†	510580.9	48900	ug/L	897.3	48900	ug/L	897.3	1.83%
Ni 231.604†	8633.7	474	ug/L	17.0	474	ug/L	17.0	3.58%
Pb 220.353†	1487.7	471	ug/L	6.1	471	ug/L	6.1	1.30%
Sb 206.836†	1471.4	457	ug/L	6.0	457	ug/L	6.0	1.32%
Se 196.026†	519.7	495	ug/L	3.4	495	ug/L	3.4	0.69%
Sn 189.927†	1412.9	491	ug/L	6.5	491	ug/L	6.5	1.33%
Sr 421.552†	290985.2	457	ug/L	1.9	457	ug/L	1.9	0.42%
Ti 334.940†	316040.6	498	ug/L	8.8	498	ug/L	8.8	1.77%
Tl 190.801†	738.9	470	ug/L	4.4	470	ug/L	4.4	0.93%
V 292.402†	29979.0	482	ug/L	15.0	482	ug/L	15.0	3.11%
Zn 206.200†	10594.6	478	ug/L	13.6	478	ug/L	13.6	2.84%

Sequence No.: 10 **Autosampler Location: 40**
Sample ID: 154328LCSD **Date Collected: 11/21/2012 1:57:15 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154328LCSD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	222553.5	99.1	%	0.59				0.59%
Sc 361.383	2487394.2	99.8	%	0.47				0.47%
Ag 328.068†	30035.8	201	ug/L	1.7	201	ug/L	1.7	0.84%
Al 308.215†	87686.7	50500	ug/L	169.0	50500	ug/L	169.0	0.33%
As 188.979†	804.3	493	ug/L	3.6	493	ug/L	3.6	0.73%
Ba 233.527†	250148.2	1450	ug/L	8.5	1450	ug/L	8.5	0.59%
Be 234.861†	143144.2	495	ug/L	5.8	495	ug/L	5.8	1.18%
Ca 315.887†	303767.4	49700	ug/L	203.2	49700	ug/L	203.2	0.41%
Cd 226.502†	6716.3	472	ug/L	6.7	472	ug/L	6.7	1.43%
Co 228.616†	18652.4	480	ug/L	3.5	480	ug/L	3.5	0.73%
Cr 267.716†	25219.4	494	ug/L	4.4	494	ug/L	4.4	0.89%
Cu 324.752†	171598.7	477	ug/L	4.1	477	ug/L	4.1	0.86%
Fe 259.939†	639678.1	50400	ug/L	58.9	50400	ug/L	58.9	0.12%
K 766.490†	249438.4	51700	ug/L	298.8	51700	ug/L	298.8	0.58%
Mg 279.077†	577942.8	48400	ug/L	756.9	48400	ug/L	756.9	1.56%
Mn 257.610†	396888.8	489	ug/L	3.4	489	ug/L	3.4	0.69%
Mo 202.031†	3238.7	494	ug/L	3.6	494	ug/L	3.6	0.72%
Na 589.592†	527326.8	50500	ug/L	515.7	50500	ug/L	515.7	1.02%
Ni 231.604†	8966.5	492	ug/L	5.9	492	ug/L	5.9	1.21%
Pb 220.353†	1516.2	480	ug/L	3.7	480	ug/L	3.7	0.78%
Sb 206.836†	1503.9	467	ug/L	1.9	467	ug/L	1.9	0.40%
Se 196.026†	528.9	504	ug/L	4.3	504	ug/L	4.3	0.86%
Sn 189.927†	1445.8	502	ug/L	4.7	502	ug/L	4.7	0.93%
Sr 421.552†	309281.1	486	ug/L	3.2	486	ug/L	3.2	0.67%
Ti 334.940†	323224.0	509	ug/L	3.2	509	ug/L	3.2	0.64%
Tl 190.801†	757.6	482	ug/L	4.4	482	ug/L	4.4	0.92%
V 292.402†	31309.3	504	ug/L	3.8	504	ug/L	3.8	0.75%
Zn 206.200†	10950.2	494	ug/L	5.7	494	ug/L	5.7	1.15%

Sequence No.: 11 **Autosampler Location: 41**
Sample ID: 350762201 **Date Collected: 11/21/2012 2:02:35 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762201

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	233833.7	104	%	0.4				0.41%
Sc 361.383	2623711.0	105	%	0.2				0.17%
Ag 328.068†	-22.5	-0.095	ug/L	0.1198	-0.095	ug/L	0.1198	125.72%
Al 308.215†	1341.5	775	ug/L	9.2	775	ug/L	9.2	1.19%
As 188.979†	4.9	3.68	ug/L	0.546	3.68	ug/L	0.546	14.83%
Ba 233.527†	1743.2	10.0	ug/L	0.04	10.0	ug/L	0.04	0.41%
Be 234.861†	38.7	0.196	ug/L	0.0300	0.196	ug/L	0.0300	15.32%
Ca 315.887†	50426.9	8240	ug/L	25.8	8240	ug/L	25.8	0.31%
Cd 226.502†	8.9	0.352	ug/L	0.2475	0.352	ug/L	0.2475	70.33%
Co 228.616†	29.9	0.026	ug/L	0.1414	0.026	ug/L	0.1414	546.45%
Cr 267.716†	317.3	6.23	ug/L	0.107	6.23	ug/L	0.107	1.71%
Cu 324.752†	1636.8	4.96	ug/L	0.262	4.96	ug/L	0.262	5.28%
Fe 259.939†	7747.4	609	ug/L	7.4	609	ug/L	7.4	1.22%
K 766.490†	408.9	64.1	ug/L	9.25	64.1	ug/L	9.25	14.44%
Mg 279.077†	4435.1	372	ug/L	6.4	372	ug/L	6.4	1.73%
Mn 257.610†	16183.5	19.8	ug/L	0.32	19.8	ug/L	0.32	1.63%
Mo 202.031†	7.6	1.39	ug/L	0.185	1.39	ug/L	0.185	13.35%
Na 589.592†	877.3	87.4	ug/L	4.81	87.4	ug/L	4.81	5.50%
Ni 231.604†	25.2	0.980	ug/L	0.5243	0.980	ug/L	0.5243	53.49%
Pb 220.353†	5.3	1.37	ug/L	1.335	1.37	ug/L	1.335	97.59%
Sb 206.836†	4.3	2.19	ug/L	1.173	2.19	ug/L	1.173	53.56%
Se 196.026†	2.5	4.60	ug/L	2.893	4.60	ug/L	2.893	62.87%
Sn 189.927†	21.5	5.64	ug/L	0.942	5.64	ug/L	0.942	16.70%
Sr 421.552†	53085.8	83.4	ug/L	0.67	83.4	ug/L	0.67	0.80%
Ti 334.940†	188595.1	297	ug/L	21.3	297	ug/L	21.3	7.17%
Tl 190.801†	-4.6	-2.68	ug/L	1.618	-2.68	ug/L	1.618	60.25%
V 292.402†	174.1	2.93	ug/L	0.195	2.93	ug/L	0.195	6.65%
Zn 206.200†	297.3	13.1	ug/L	0.37	13.1	ug/L	0.37	2.79%

Sequence No.: 12 **Autosampler Location: 42**
Sample ID: 350762201L **Date Collected: 11/21/2012 2:08:47 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 350762201L

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	232497.5	104	%	1.0				0.95%
Sc 361.383	2605040.0	105	%	0.9				0.90%
Ag 328.068†	21.9	0.111	ug/L	0.1779	0.555	ug/L	0.8896	160.24%
Al 308.215†	267.4	157	ug/L	2.4	786	ug/L	11.8	1.50%
As 188.979†	4.4	3.32	ug/L	1.664	16.6	ug/L	8.32	50.15%
Ba 233.527†	377.6	2.15	ug/L	0.012	10.8	ug/L	0.06	0.53%
Be 234.861†	34.8	0.160	ug/L	0.0044	0.800	ug/L	0.0222	2.78%
Ca 315.887†	10093.9	1650	ug/L	12.0	8240	ug/L	60.0	0.73%
Cd 226.502†	8.8	0.396	ug/L	0.0685	1.98	ug/L	0.343	17.29%
Co 228.616†	11.0	0.009	ug/L	0.1279	0.043	ug/L	0.6397	>999.9%
Cr 267.716†	60.3	1.20	ug/L	0.100	5.99	ug/L	0.498	8.31%
Cu 324.752†	158.7	0.874	ug/L	0.0601	4.37	ug/L	0.301	6.88%
Fe 259.939†	1560.2	122	ug/L	2.1	611	ug/L	10.5	1.72%
K 766.490†	156.2	11.7	ug/L	7.38	58.3	ug/L	36.90	63.31%
Mg 279.077†	941.1	78.8	ug/L	1.83	394	ug/L	9.1	2.32%
Mn 257.610†	3572.8	4.23	ug/L	0.070	21.2	ug/L	0.35	1.64%
Mo 202.031†	1.9	0.509	ug/L	0.3348	2.55	ug/L	1.674	65.74%
Na 589.592†	345.1	36.4	ug/L	2.30	182	ug/L	11.5	6.33%
Ni 231.604†	13.0	0.310	ug/L	0.2495	1.55	ug/L	1.248	80.48%
Pb 220.353†	2.0	0.152	ug/L	0.9836	0.759	ug/L	4.9180	647.87%
Sb 206.836†	-2.2	-0.208	ug/L	0.4725	-1.04	ug/L	2.362	226.81%
Se 196.026†	-0.2	1.39	ug/L	4.101	6.96	ug/L	20.504	294.49%
Sn 189.927†	5.9	-1.63	ug/L	0.527	-8.17	ug/L	2.636	32.28%
Sr 421.552†	10273.7	16.1	ug/L	0.20	80.6	ug/L	1.01	1.26%
Ti 334.940†	31492.5	49.6	ug/L	3.47	248	ug/L	17.3	6.99%
Tl 190.801†	-2.7	-1.94	ug/L	2.514	-9.68	ug/L	12.572	129.82%
V 292.402†	30.9	0.636	ug/L	0.0516	3.18	ug/L	0.258	8.11%
Zn 206.200†	239.1	10.5	ug/L	0.21	52.6	ug/L	1.04	1.98%

Sequence No.: 13 **Autosampler Location: 43**
Sample ID: 154329MS **Date Collected: 11/21/2012 2:15:01 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154329MS

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	228263.2	102	%	1.4				1.40%
Sc 361.383	2485140.5	99.7	%	1.52				1.53%
Ag 328.068†	29585.4	198	ug/L	1.0	198	ug/L	1.0	0.50%
Al 308.215†	88551.4	51000	ug/L	655.5	51000	ug/L	655.5	1.29%
As 188.979†	813.2	499	ug/L	7.5	499	ug/L	7.5	1.51%
Ba 233.527†	253316.4	1460	ug/L	15.7	1460	ug/L	15.7	1.07%
Be 234.861†	144467.3	499	ug/L	7.2	499	ug/L	7.2	1.44%
Ca 315.887†	552209.5	90300	ug/L	438.5	90300	ug/L	438.5	0.49%
Cd 226.502†	6554.8	460	ug/L	10.6	460	ug/L	10.6	2.30%
Co 228.616†	18513.0	476	ug/L	6.4	476	ug/L	6.4	1.35%
Cr 267.716†	25672.6	503	ug/L	5.0	503	ug/L	5.0	0.99%
Cu 324.752†	180349.7	501	ug/L	7.7	501	ug/L	7.7	1.53%
Fe 259.939†	634808.1	50000	ug/L	405.7	50000	ug/L	405.7	0.81%
K 766.490†	243170.1	50400	ug/L	507.5	50400	ug/L	507.5	1.01%
Mg 279.077†	583949.3	48900	ug/L	811.1	48900	ug/L	811.1	1.66%
Mn 257.610†	449099.1	553	ug/L	7.4	553	ug/L	7.4	1.34%
Mo 202.031†	3257.5	497	ug/L	10.3	497	ug/L	10.3	2.08%
Na 589.592†	516675.3	49500	ug/L	1989.7	49500	ug/L	1989.7	4.02%
Ni 231.604†	8816.9	484	ug/L	10.2	484	ug/L	10.2	2.11%
Pb 220.353†	1541.6	488	ug/L	7.9	488	ug/L	7.9	1.63%
Sb 206.836†	1487.7	463	ug/L	9.2	463	ug/L	9.2	1.99%
Se 196.026†	530.4	509	ug/L	5.2	509	ug/L	5.2	1.02%
Sn 189.927†	1437.4	505	ug/L	9.2	505	ug/L	9.2	1.82%
Sr 421.552†	509852.2	801	ug/L	4.9	801	ug/L	4.9	0.62%
Ti 334.940†	481930.8	760	ug/L	16.0	760	ug/L	16.0	2.10%
Saturated within auto integration window (code 4)								
Tl 190.801†	765.3	487	ug/L	9.5	487	ug/L	9.5	1.95%
V 292.402†	31107.2	500	ug/L	5.8	500	ug/L	5.8	1.17%
Zn 206.200†	11357.4	513	ug/L	9.4	513	ug/L	9.4	1.83%

Sequence No.: 14 **Autosampler Location: 44**
Sample ID: 154330MSD **Date Collected: 11/21/2012 2:20:22 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154330MSD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231043.5	103	%	1.6				1.54%
Sc 361.383	2502846.1	100	%	0.8				0.77%
Ag 328.068†	29878.6	200	ug/L	2.3	200	ug/L	2.3	1.13%
Al 308.215†	86727.9	49900	ug/L	348.8	49900	ug/L	348.8	0.70%
As 188.979†	823.6	505	ug/L	2.3	505	ug/L	2.3	0.46%
Ba 233.527†	252221.0	1460	ug/L	16.6	1460	ug/L	16.6	1.14%
Be 234.861†	148771.7	514	ug/L	9.3	514	ug/L	9.3	1.81%
Ca 315.887†	501698.9	82000	ug/L	469.1	82000	ug/L	469.1	0.57%
Cd 226.502†	6632.8	466	ug/L	6.0	466	ug/L	6.0	1.28%
Co 228.616†	18253.6	469	ug/L	8.7	469	ug/L	8.7	1.86%
Cr 267.716†	25397.8	498	ug/L	5.8	498	ug/L	5.8	1.17%
Cu 324.752†	180935.3	502	ug/L	8.2	502	ug/L	8.2	1.63%
Fe 259.939†	631687.9	49700	ug/L	164.8	49700	ug/L	164.8	0.33%
K 766.490†	242550.7	50300	ug/L	322.4	50300	ug/L	322.4	0.64%
Mg 279.077†	580096.5	48600	ug/L	873.7	48600	ug/L	873.7	1.80%
Mn 257.610†	448279.0	552	ug/L	5.7	552	ug/L	5.7	1.03%
Mo 202.031†	3259.6	497	ug/L	7.5	497	ug/L	7.5	1.52%
Na 589.592†	520697.6	49900	ug/L	1227.0	49900	ug/L	1227.0	2.46%
Ni 231.604†	8904.8	489	ug/L	9.1	489	ug/L	9.1	1.86%
Pb 220.353†	1540.5	488	ug/L	4.6	488	ug/L	4.6	0.95%
Sb 206.836†	1502.6	468	ug/L	2.8	468	ug/L	2.8	0.59%
Se 196.026†	540.8	517	ug/L	11.9	517	ug/L	11.9	2.30%
Sn 189.927†	1447.6	508	ug/L	5.3	508	ug/L	5.3	1.04%
Sr 421.552†	429357.9	674	ug/L	7.6	674	ug/L	7.6	1.13%
Ti 334.940†	504807.1	796	ug/L	12.3	796	ug/L	12.3	1.54%
Tl 190.801†	765.1	487	ug/L	3.1	487	ug/L	3.1	0.63%
V 292.402†	31172.3	501	ug/L	5.0	501	ug/L	5.0	1.00%
Zn 206.200†	11653.2	526	ug/L	6.7	526	ug/L	6.7	1.28%

Sequence No.: 15 **Autosampler Location: 45**
Sample ID: 350762201A **Date Collected: 11/21/2012 2:25:42 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762201A

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	226694.4	101	%	0.2				0.17%
Sc 361.383	2603072.6	104	%	5.5				5.28%
Ag 328.068†	28564.6	191	ug/L	10.5	191	ug/L	10.5	5.48%
Al 308.215†	85486.2	49200	ug/L	321.2	49200	ug/L	321.2	0.65%
As 188.979†	789.8	484	ug/L	28.6	484	ug/L	28.6	5.91%
Ba 233.527†	244939.4	1410	ug/L	90.4	1410	ug/L	90.4	6.39%
Be 234.861†	139061.1	481	ug/L	29.3	481	ug/L	29.3	6.10%
Ca 315.887†	342795.2	56100	ug/L	391.1	56100	ug/L	391.1	0.70%
Cd 226.502†	6417.9	451	ug/L	31.1	451	ug/L	31.1	6.89%
Co 228.616†	17949.5	461	ug/L	31.1	461	ug/L	31.1	6.74%
Cr 267.716†	24603.4	482	ug/L	25.0	482	ug/L	25.0	5.18%
Cu 324.752†	168846.7	469	ug/L	29.2	469	ug/L	29.2	6.22%
Fe 259.939†	620748.1	48900	ug/L	338.7	48900	ug/L	338.7	0.69%
K 766.490†	241107.7	50000	ug/L	173.8	50000	ug/L	173.8	0.35%
Mg 279.077†	569927.2	47800	ug/L	937.3	47800	ug/L	937.3	1.96%
Mn 257.610†	401236.3	494	ug/L	31.4	494	ug/L	31.4	6.36%
Mo 202.031†	3157.1	482	ug/L	28.3	482	ug/L	28.3	5.87%
Na 589.592†	519431.8	49800	ug/L	413.3	49800	ug/L	413.3	0.83%
Ni 231.604†	8517.3	467	ug/L	23.5	467	ug/L	23.5	5.04%
Pb 220.353†	1476.8	467	ug/L	21.2	467	ug/L	21.2	4.54%
Sb 206.836†	1390.3	432	ug/L	21.6	432	ug/L	21.6	5.00%
Se 196.026†	515.7	492	ug/L	31.0	492	ug/L	31.0	6.30%
Sn 189.927†	1416.2	494	ug/L	22.4	494	ug/L	22.4	4.54%
Sr 421.552†	356599.6	560	ug/L	0.7	560	ug/L	0.7	0.13%
Ti 334.940†	487373.3	768	ug/L	52.3	768	ug/L	52.3	6.80%
Tl 190.801†	750.0	478	ug/L	19.7	478	ug/L	19.7	4.13%
V 292.402†	29619.4	476	ug/L	25.6	476	ug/L	25.6	5.38%
Zn 206.200†	10689.9	483	ug/L	26.6	483	ug/L	26.6	5.51%

Sequence No.: 16 **Autosampler Location: 46**
Sample ID: 350762202 **Date Collected: 11/21/2012 2:31:03 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762202

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231995.4	103	%	1.1				1.08%
Sc 361.383	2579821.0	103	%	1.4				1.38%
Ag 328.068†	-18.7	-0.081	ug/L	0.1605	-0.081	ug/L	0.1605	198.77%
Al 308.215†	1810.6	1050	ug/L	20.5	1050	ug/L	20.5	1.97%
As 188.979†	6.3	4.53	ug/L	1.853	4.53	ug/L	1.853	40.86%
Ba 233.527†	1296.2	7.46	ug/L	0.051	7.46	ug/L	0.051	0.68%
Be 234.861†	41.7	0.204	ug/L	0.0435	0.204	ug/L	0.0435	21.37%
Ca 315.887†	39620.5	6480	ug/L	12.9	6480	ug/L	12.9	0.20%
Cd 226.502†	7.3	0.245	ug/L	0.1213	0.245	ug/L	0.1213	49.56%
Co 228.616†	29.8	-0.097	ug/L	0.0385	-0.097	ug/L	0.0385	39.78%
Cr 267.716†	179.5	3.53	ug/L	0.301	3.53	ug/L	0.301	8.52%
Cu 324.752†	734.8	2.46	ug/L	0.319	2.46	ug/L	0.319	12.95%
Fe 259.939†	6959.5	547	ug/L	11.4	547	ug/L	11.4	2.09%
K 766.490†	428.7	68.2	ug/L	6.47	68.2	ug/L	6.47	9.49%
Mg 279.077†	1392.2	117	ug/L	3.9	117	ug/L	3.9	3.31%
Mn 257.610†	10435.8	12.7	ug/L	0.19	12.7	ug/L	0.19	1.48%
Mo 202.031†	2.4	0.608	ug/L	0.3966	0.608	ug/L	0.3966	65.26%
Na 589.592†	831.5	83.0	ug/L	6.20	83.0	ug/L	6.20	7.47%
Ni 231.604†	14.9	0.411	ug/L	0.1748	0.411	ug/L	0.1748	42.49%
Pb 220.353†	18.7	5.67	ug/L	0.875	5.67	ug/L	0.875	15.43%
Sb 206.836†	3.8	2.18	ug/L	0.986	2.18	ug/L	0.986	45.16%
Se 196.026†	-0.8	1.50	ug/L	4.083	1.50	ug/L	4.083	272.63%
Sn 189.927†	21.5	5.80	ug/L	0.445	5.80	ug/L	0.445	7.67%
Sr 421.552†	16935.1	26.6	ug/L	0.48	26.6	ug/L	0.48	1.79%
Ti 334.940†	229675.9	362	ug/L	13.6	362	ug/L	13.6	3.75%
Tl 190.801†	-0.9	-0.199	ug/L	1.8891	-0.199	ug/L	1.8891	948.29%
V 292.402†	141.3	2.40	ug/L	0.212	2.40	ug/L	0.212	8.85%
Zn 206.200†	1338.1	60.1	ug/L	0.79	60.1	ug/L	0.79	1.32%

Sequence No.: 17 **Autosampler Location: 47**
Sample ID: 350762203 **Date Collected: 11/21/2012 2:37:14 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762203

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	237934.5	106	%	1.1				1.05%
Sc 361.383	2606132.1	105	%	0.5				0.52%
Ag 328.068†	-146.9	0.075	ug/L	0.5137	0.075	ug/L	0.5137	682.42%
Al 308.215†	68033.3	39200	ug/L	504.7	39200	ug/L	504.7	1.29%
As 188.979†	17.1	11.4	ug/L	1.11	11.4	ug/L	1.11	9.77%
Ba 233.527†	17766.9	103	ug/L	0.5	103	ug/L	0.5	0.48%
Be 234.861†	96.2	0.675	ug/L	0.0914	0.675	ug/L	0.0914	13.53%
Ca 315.887†	61778.2	10100	ug/L	8.2	10100	ug/L	8.2	0.08%
Cd 226.502†	14.5	0.092	ug/L	0.1137	0.092	ug/L	0.1137	123.39%
Co 228.616†	55.3	0.632	ug/L	0.1293	0.632	ug/L	0.1293	20.45%
Cr 267.716†	1121.7	22.0	ug/L	0.27	22.0	ug/L	0.27	1.24%
Cu 324.752†	501.8	1.81	ug/L	0.126	1.81	ug/L	0.126	6.93%
Fe 259.939†	83776.9	6600	ug/L	43.8	6600	ug/L	43.8	0.66%
K 766.490†	907.1	167	ug/L	20.0	167	ug/L	20.0	11.93%
Mg 279.077†	4444.3	372	ug/L	4.3	372	ug/L	4.3	1.15%
Mn 257.610†	9335.2	11.3	ug/L	0.07	11.3	ug/L	0.07	0.63%
Mo 202.031†	-1.9	0.205	ug/L	0.5848	0.205	ug/L	0.5848	285.11%
Na 589.592†	507.3	51.9	ug/L	3.61	51.9	ug/L	3.61	6.95%
Ni 231.604†	196.3	10.4	ug/L	0.46	10.4	ug/L	0.46	4.41%
Pb 220.353†	39.9	14.8	ug/L	0.41	14.8	ug/L	0.41	2.76%
Sb 206.836†	7.7	2.70	ug/L	0.688	2.70	ug/L	0.688	25.54%
Se 196.026†	-1.6	4.68	ug/L	2.869	4.68	ug/L	2.869	61.26%
Sn 189.927†	25.9	6.94	ug/L	1.227	6.94	ug/L	1.227	17.69%
Sr 421.552†	191501.7	301	ug/L	2.8	301	ug/L	2.8	0.93%
Ti 334.940†	147497.4	232	ug/L	13.0	232	ug/L	13.0	5.61%
Tl 190.801†	-4.1	-2.11	ug/L	2.830	-2.11	ug/L	2.830	133.98%
V 292.402†	990.3	15.8	ug/L	0.22	15.8	ug/L	0.22	1.41%
Zn 206.200†	5510.4	248	ug/L	1.9	248	ug/L	1.9	0.78%

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Sequence No.: 18 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/21/2012 2:42:31 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	229154.5	102	%	0.7				0.69%
Sc 361.383	2549760.6	102	%	0.9				0.92%
Ag 328.068†	75121.9	489	ug/L	15.0	489	ug/L	15.0	3.06%
QC value within limits for Ag 328.068 Recovery = 97.78%								
Al 308.215†	41616.7	24000	ug/L	79.4	24000	ug/L	79.4	0.33%
QC value within limits for Al 308.215 Recovery = 95.83%								
As 188.979†	797.2	488	ug/L	6.9	488	ug/L	6.9	1.41%
QC value within limits for As 188.979 Recovery = 97.70%								
Ba 233.527†	83798.5	484	ug/L	6.5	484	ug/L	6.5	1.34%
QC value within limits for Ba 233.527 Recovery = 96.83%								
Be 234.861†	143611.9	496	ug/L	13.2	496	ug/L	13.2	2.65%
QC value within limits for Be 234.861 Recovery = 99.18%								
Ca 315.887†	147235.6	24100	ug/L	96.6	24100	ug/L	96.6	0.40%
QC value within limits for Ca 315.887 Recovery = 96.30%								
Cd 226.502†	6807.3	480	ug/L	6.2	480	ug/L	6.2	1.29%
QC value within limits for Cd 226.502 Recovery = 95.90%								
Co 228.616†	18913.2	487	ug/L	5.3	487	ug/L	5.3	1.10%
QC value within limits for Co 228.616 Recovery = 97.46%								
Cr 267.716†	24718.3	484	ug/L	5.0	484	ug/L	5.0	1.03%
QC value within limits for Cr 267.716 Recovery = 96.82%								
Cu 324.752†	170893.1	475	ug/L	5.3	475	ug/L	5.3	1.12%
QC value within limits for Cu 324.752 Recovery = 94.93%								
Fe 259.939†	496493.5	39100	ug/L	117.0	39100	ug/L	117.0	0.30%
QC value within limits for Fe 259.939 Recovery = 97.73%								
K 766.490†	119696.0	24800	ug/L	127.9	24800	ug/L	127.9	0.52%
QC value within limits for K 766.490 Recovery = 99.19%								
Mg 279.077†	293278.5	24600	ug/L	269.0	24600	ug/L	269.0	1.09%
QC value within limits for Mg 279.077 Recovery = 98.32%								
Mn 257.610†	398568.3	491	ug/L	2.4	491	ug/L	2.4	0.50%
QC value within limits for Mn 257.610 Recovery = 98.17%								
Mo 202.031†	3199.2	488	ug/L	6.1	488	ug/L	6.1	1.25%
QC value within limits for Mo 202.031 Recovery = 97.50%								
Na 589.592†	249404.3	23900	ug/L	135.0	23900	ug/L	135.0	0.56%
QC value within limits for Na 589.592 Recovery = 95.60%								
Ni 231.604†	8950.6	491	ug/L	18.7	491	ug/L	18.7	3.81%
QC value within limits for Ni 231.604 Recovery = 98.24%								
Pb 220.353†	1541.3	486	ug/L	4.6	486	ug/L	4.6	0.94%
QC value within limits for Pb 220.353 Recovery = 97.28%								
Sb 206.836†	1494.5	465	ug/L	2.6	465	ug/L	2.6	0.57%
QC value within limits for Sb 206.836 Recovery = 93.00%								
Se 196.026†	536.0	502	ug/L	5.6	502	ug/L	5.6	1.11%
QC value within limits for Se 196.026 Recovery = 100.39%								
Sn 189.927†	1140.5	394	ug/L	1.3	394	ug/L	1.3	0.34%
QC value within limits for Sn 189.927 Recovery = 98.44%								
Sr 421.552†	247634.1	389	ug/L	2.1	389	ug/L	2.1	0.54%
QC value within limits for Sr 421.552 Recovery = 97.22%								
Ti 334.940†	250092.1	394	ug/L	6.3	394	ug/L	6.3	1.59%
QC value within limits for Ti 334.940 Recovery = 98.54%								
Tl 190.801†	772.9	491	ug/L	9.3	491	ug/L	9.3	1.90%
QC value within limits for Tl 190.801 Recovery = 98.21%								
V 292.402†	29897.2	481	ug/L	15.9	481	ug/L	15.9	3.31%
QC value within limits for V 292.402 Recovery = 96.27%								
Zn 206.200†	10986.5	496	ug/L	14.6	496	ug/L	14.6	2.95%
QC value within limits for Zn 206.200 Recovery = 99.20%								

All analyte(s) passed QC.

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Sequence No.: 19 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/21/2012 2:47:50 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	233299.9	104	%	1.0				0.94%
Sc 361.383	2546925.0	102	%	1.6				1.53%
Ag 328.068†	52.9	0.293	ug/L	0.4099	0.293	ug/L	0.4099	140.12%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	1.3	4.01	ug/L	4.064	4.01	ug/L	4.064	101.40%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	2.4	2.11	ug/L	0.685	2.11	ug/L	0.685	32.46%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	22.5	0.102	ug/L	0.0730	0.102	ug/L	0.0730	71.41%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	34.8	0.154	ug/L	0.0388	0.154	ug/L	0.0388	25.15%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	77.6	10.9	ug/L	0.56	10.9	ug/L	0.56	5.11%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	5.5	0.171	ug/L	0.0222	0.171	ug/L	0.0222	12.97%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	10.0	0.078	ug/L	0.0552	0.078	ug/L	0.0552	71.07%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	9.5	0.203	ug/L	0.2076	0.203	ug/L	0.2076	102.46%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-193.5	-0.100	ug/L	0.3780	-0.100	ug/L	0.3780	379.73%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	130.3	9.62	ug/L	1.405	9.62	ug/L	1.405	14.60%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	172.7	15.1	ug/L	14.29	15.1	ug/L	14.29	94.81%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	40.1	3.31	ug/L	2.315	3.31	ug/L	2.315	69.96%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	63.8	-0.091	ug/L	0.0210	-0.091	ug/L	0.0210	22.98%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	4.8	0.948	ug/L	0.1575	0.948	ug/L	0.1575	16.61%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	190.5	21.6	ug/L	1.35	21.6	ug/L	1.35	6.24%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	8.2	0.046	ug/L	0.0518	0.046	ug/L	0.0518	113.35%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	3.8	0.671	ug/L	0.7907	0.671	ug/L	0.7907	117.89%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-1.2	0.019	ug/L	0.0785	0.019	ug/L	0.0785	418.57%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-2.6	-0.992	ug/L	4.2889	-0.992	ug/L	4.2889	432.25%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	3.5	-2.88	ug/L	1.251	-2.88	ug/L	1.251	43.37%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	70.7	0.103	ug/L	0.0216	0.103	ug/L	0.0216	21.06%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	79.8	0.086	ug/L	0.0139	0.086	ug/L	0.0139	16.17%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-1.6	-1.27	ug/L	1.489	-1.27	ug/L	1.489	117.65%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	2.0	0.175	ug/L	0.1252	0.175	ug/L	0.1252	71.59%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	-2.0	-0.355	ug/L	0.1262	-0.355	ug/L	0.1262	35.57%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 20 **Autosampler Location: 48**
Sample ID: 350762204 **Date Collected: 11/21/2012 2:53:59 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762204

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	233125.8	104	%	1.0				0.92%
Sc 361.383	2598745.2	104	%	0.7				0.69%
Ag 328.068†	-38.5	-0.068	ug/L	0.1638	-0.068	ug/L	0.1638	242.54%
Al 308.215†	22871.0	13200	ug/L	84.3	13200	ug/L	84.3	0.64%
As 188.979†	3.6	2.89	ug/L	0.949	2.89	ug/L	0.949	32.84%
Ba 233.527†	6940.0	40.1	ug/L	0.65	40.1	ug/L	0.65	1.63%
Be 234.861†	43.9	0.252	ug/L	0.0571	0.252	ug/L	0.0571	22.66%
Ca 315.887†	16848.8	2750	ug/L	18.3	2750	ug/L	18.3	0.66%
Cd 226.502†	3.9	-0.098	ug/L	0.1895	-0.098	ug/L	0.1895	193.18%
Co 228.616†	30.4	0.268	ug/L	0.0934	0.268	ug/L	0.0934	34.88%
Cr 267.716†	378.2	7.43	ug/L	0.135	7.43	ug/L	0.135	1.82%
Cu 324.752†	-256.8	-0.285	ug/L	0.3043	-0.285	ug/L	0.3043	106.95%
Fe 259.939†	17959.8	1410	ug/L	3.6	1410	ug/L	3.6	0.25%
K 766.490†	577.8	99.1	ug/L	13.26	99.1	ug/L	13.26	13.38%
Mg 279.077†	6901.2	578	ug/L	12.0	578	ug/L	12.0	2.07%
Mn 257.610†	3760.0	4.46	ug/L	0.315	4.46	ug/L	0.315	7.06%
Mo 202.031†	-0.9	0.137	ug/L	0.1474	0.137	ug/L	0.1474	107.30%
Na 589.592†	353.4	37.2	ug/L	1.15	37.2	ug/L	1.15	3.10%
Ni 231.604†	114.3	5.88	ug/L	0.284	5.88	ug/L	0.284	4.83%
Pb 220.353†	16.0	5.53	ug/L	0.770	5.53	ug/L	0.770	13.92%
Sb 206.836†	-0.7	0.319	ug/L	0.7759	0.319	ug/L	0.7759	242.96%
Se 196.026†	-3.3	-0.529	ug/L	1.1196	-0.529	ug/L	1.1196	211.48%
Sn 189.927†	30.0	7.32	ug/L	0.371	7.32	ug/L	0.371	5.07%
Sr 421.552†	148704.3	234	ug/L	3.0	234	ug/L	3.0	1.28%
Ti 334.940†	101502.2	160	ug/L	13.4	160	ug/L	13.4	8.40%
Tl 190.801†	-3.7	-2.30	ug/L	0.574	-2.30	ug/L	0.574	24.94%
V 292.402†	250.8	4.12	ug/L	0.147	4.12	ug/L	0.147	3.57%
Zn 206.200†	107.8	4.60	ug/L	0.095	4.60	ug/L	0.095	2.07%

Sequence No.: 21 **Autosampler Location: 49**
Sample ID: 350762205 **Date Collected: 11/21/2012 2:59:16 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762205

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231081.6	103	%	0.7				0.70%
Sc 361.383	2555131.0	103	%	1.9				1.83%
Ag 328.068†	-65.0	-0.028	ug/L	0.1051	-0.028	ug/L	0.1051	375.95%
Al 308.215†	72191.4	41500	ug/L	124.8	41500	ug/L	124.8	0.30%
As 188.979†	8.2	5.85	ug/L	0.646	5.85	ug/L	0.646	11.05%
Ba 233.527†	16419.4	94.8	ug/L	1.29	94.8	ug/L	1.29	1.37%
Be 234.861†	73.7	0.415	ug/L	0.0404	0.415	ug/L	0.0404	9.73%
Ca 315.887†	100850.8	16500	ug/L	73.4	16500	ug/L	73.4	0.45%
Cd 226.502†	9.8	0.182	ug/L	0.2546	0.182	ug/L	0.2546	139.90%
Co 228.616†	44.3	0.482	ug/L	0.1228	0.482	ug/L	0.1228	25.51%
Cr 267.716†	1378.7	27.0	ug/L	0.59	27.0	ug/L	0.59	2.20%
Cu 324.752†	99.5	0.701	ug/L	0.1986	0.701	ug/L	0.1986	28.34%
Fe 259.939†	34422.7	2710	ug/L	4.8	2710	ug/L	4.8	0.18%
K 766.490†	1072.7	202	ug/L	27.0	202	ug/L	27.0	13.40%
Mg 279.077†	33429.2	2800	ug/L	37.2	2800	ug/L	37.2	1.33%
Mn 257.610†	6077.9	7.30	ug/L	0.054	7.30	ug/L	0.054	0.74%
Mo 202.031†	-5.6	-0.525	ug/L	0.0367	-0.525	ug/L	0.0367	6.99%
Na 589.592†	863.0	86.0	ug/L	5.48	86.0	ug/L	5.48	6.37%
Ni 231.604†	143.1	7.45	ug/L	0.274	7.45	ug/L	0.274	3.68%
Pb 220.353†	36.2	14.0	ug/L	1.24	14.0	ug/L	1.24	8.83%
Sb 206.836†	7.2	2.70	ug/L	0.871	2.70	ug/L	0.871	32.25%
Se 196.026†	-2.7	1.88	ug/L	2.873	1.88	ug/L	2.873	152.54%
Sn 189.927†	16.1	4.23	ug/L	1.616	4.23	ug/L	1.616	38.25%
Sr 421.552†	720277.9	1130	ug/L	1.7	1130	ug/L	1.7	0.15%
Ti 334.940†	139144.7	219	ug/L	9.7	219	ug/L	9.7	4.42%
Tl 190.801†	-1.5	-0.760	ug/L	0.4729	-0.760	ug/L	0.4729	62.25%
V 292.402†	806.4	13.0	ug/L	0.24	13.0	ug/L	0.24	1.87%
Zn 206.200†	298.2	13.2	ug/L	0.17	13.2	ug/L	0.17	1.31%

Sequence No.: 22 **Autosampler Location: 50**
Sample ID: 350762206 **Date Collected: 11/21/2012 3:04:35 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762206

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	240317.0	107	%	0.9				0.84%
Sc 361.383	2607501.8	105	%	1.1				1.01%
Ag 328.068†	-137.3	-0.210	ug/L	0.0712	-0.210	ug/L	0.0712	33.97%
Al 308.215†	70074.2	40300	ug/L	213.3	40300	ug/L	213.3	0.53%
As 188.979†	13.3	9.07	ug/L	1.084	9.07	ug/L	1.084	11.96%
Ba 233.527†	23793.8	137	ug/L	1.0	137	ug/L	1.0	0.76%
Be 234.861†	168.0	0.822	ug/L	0.0566	0.822	ug/L	0.0566	6.89%
Ca 315.887†	52969.8	8660	ug/L	23.1	8660	ug/L	23.1	0.27%
Cd 226.502†	12.6	0.189	ug/L	0.1412	0.189	ug/L	0.1412	74.57%
Co 228.616†	113.1	2.31	ug/L	0.033	2.31	ug/L	0.033	1.43%
Cr 267.716†	1685.3	33.0	ug/L	0.24	33.0	ug/L	0.24	0.72%
Cu 324.752†	451.3	1.66	ug/L	0.130	1.66	ug/L	0.130	7.84%
Fe 259.939†	56595.0	4460	ug/L	12.3	4460	ug/L	12.3	0.28%
K 766.490†	1327.6	255	ug/L	23.3	255	ug/L	23.3	9.14%
Mg 279.077†	19266.0	1610	ug/L	30.2	1610	ug/L	30.2	1.87%
Mn 257.610†	16300.3	19.9	ug/L	0.08	19.9	ug/L	0.08	0.39%
Mo 202.031†	-1.8	0.135	ug/L	0.5474	0.135	ug/L	0.5474	405.99%
Na 589.592†	930.9	92.5	ug/L	3.29	92.5	ug/L	3.29	3.56%
Ni 231.604†	191.4	10.1	ug/L	0.28	10.1	ug/L	0.28	2.73%
Pb 220.353†	66.4	23.3	ug/L	2.26	23.3	ug/L	2.26	9.71%
Sb 206.836†	5.5	1.91	ug/L	0.408	1.91	ug/L	0.408	21.34%
Se 196.026†	2.5	6.94	ug/L	3.214	6.94	ug/L	3.214	46.32%
Sn 189.927†	26.6	6.74	ug/L	0.319	6.74	ug/L	0.319	4.73%
Sr 421.552†	470721.6	739	ug/L	14.9	739	ug/L	14.9	2.02%
Ti 334.940†	104973.6	165	ug/L	4.0	165	ug/L	4.0	2.42%
Tl 190.801†	-4.8	-2.87	ug/L	0.440	-2.87	ug/L	0.440	15.33%
V 292.402†	1145.8	18.4	ug/L	0.21	18.4	ug/L	0.21	1.15%
Zn 206.200†	327.8	14.6	ug/L	0.31	14.6	ug/L	0.31	2.12%

Sequence No.: 23 **Autosampler Location: 51**
Sample ID: 350762207 **Date Collected: 11/21/2012 3:09:53 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762207

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	235127.8	105	%	0.6				0.57%
Sc 361.383	2593673.9	104	%	0.6				0.58%
Ag 328.068†	-90.8	-0.180	ug/L	0.0477	-0.180	ug/L	0.0477	26.46%
Al 308.215†	57597.1	33100	ug/L	69.0	33100	ug/L	69.0	0.21%
As 188.979†	15.8	10.5	ug/L	1.41	10.5	ug/L	1.41	13.34%
Ba 233.527†	31112.9	180	ug/L	1.0	180	ug/L	1.0	0.53%
Be 234.861†	177.1	0.775	ug/L	0.0314	0.775	ug/L	0.0314	4.05%
Ca 315.887†	143188.9	23400	ug/L	102.4	23400	ug/L	102.4	0.44%
Cd 226.502†	13.2	0.417	ug/L	0.2652	0.417	ug/L	0.2652	63.52%
Co 228.616†	38.0	0.085	ug/L	0.1305	0.085	ug/L	0.1305	153.03%
Cr 267.716†	1656.2	32.4	ug/L	0.20	32.4	ug/L	0.20	0.62%
Cu 324.752†	3544.4	10.3	ug/L	0.12	10.3	ug/L	0.12	1.15%
Fe 259.939†	35482.2	2790	ug/L	8.9	2790	ug/L	8.9	0.32%
K 766.490†	833.0	152	ug/L	3.7	152	ug/L	3.7	2.43%
Mg 279.077†	28043.0	2350	ug/L	25.6	2350	ug/L	25.6	1.09%
Mn 257.610†	13739.3	16.7	ug/L	0.12	16.7	ug/L	0.12	0.71%
Mo 202.031†	-8.1	-0.902	ug/L	0.2400	-0.902	ug/L	0.2400	26.62%
Na 589.592†	825.1	82.4	ug/L	1.02	82.4	ug/L	1.02	1.24%
Ni 231.604†	116.1	5.96	ug/L	0.105	5.96	ug/L	0.105	1.76%
Pb 220.353†	127.0	42.2	ug/L	1.53	42.2	ug/L	1.53	3.63%
Sb 206.836†	8.2	3.17	ug/L	0.498	3.17	ug/L	0.498	15.71%
Se 196.026†	-3.3	1.95	ug/L	4.457	1.95	ug/L	4.457	228.86%
Sn 189.927†	11.9	4.12	ug/L	1.835	4.12	ug/L	1.835	44.52%
Sr 421.552†	896720.8	1410	ug/L	21.2	1410	ug/L	21.2	1.50%
Ti 334.940†	218378.4	344	ug/L	20.1	344	ug/L	20.1	5.84%
Tl 190.801†	0.4	0.690	ug/L	1.7083	0.690	ug/L	1.7083	247.60%
V 292.402†	611.1	9.90	ug/L	0.087	9.90	ug/L	0.087	0.88%
Zn 206.200†	827.6	37.1	ug/L	0.38	37.1	ug/L	0.38	1.01%

Sequence No.: 24 **Autosampler Location: 52**
Sample ID: 350762208 **Date Collected: 11/21/2012 3:15:11 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762208

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231622.9	103	%	0.1				0.09%
Sc 361.383	2596618.6	104	%	0.2				0.16%
Ag 328.068†	29.2	0.224	ug/L	0.1466	0.224	ug/L	0.1466	65.50%
Al 308.215†	2212.0	1280	ug/L	10.6	1280	ug/L	10.6	0.83%
As 188.979†	1.9	1.81	ug/L	0.487	1.81	ug/L	0.487	26.89%
Ba 233.527†	2678.1	15.4	ug/L	0.12	15.4	ug/L	0.12	0.77%
Be 234.861†	4.3	0.074	ug/L	0.0405	0.074	ug/L	0.0405	54.58%
Ca 315.887†	6195.0	1010	ug/L	4.8	1010	ug/L	4.8	0.48%
Cd 226.502†	4.8	0.065	ug/L	0.0982	0.065	ug/L	0.0982	150.73%
Co 228.616†	12.7	0.026	ug/L	0.2307	0.026	ug/L	0.2307	880.10%
Cr 267.716†	71.3	1.42	ug/L	0.096	1.42	ug/L	0.096	6.74%
Cu 324.752†	-59.0	0.256	ug/L	0.0753	0.256	ug/L	0.0753	29.39%
Fe 259.939†	6726.7	529	ug/L	0.7	529	ug/L	0.7	0.14%
K 766.490†	150.3	10.4	ug/L	3.01	10.4	ug/L	3.01	28.83%
Mg 279.077†	1415.8	119	ug/L	1.1	119	ug/L	1.1	0.89%
Mn 257.610†	9484.7	11.5	ug/L	0.07	11.5	ug/L	0.07	0.60%
Mo 202.031†	-0.7	0.130	ug/L	0.1673	0.130	ug/L	0.1673	129.02%
Na 589.592†	295.1	31.6	ug/L	0.35	31.6	ug/L	0.35	1.10%
Ni 231.604†	21.3	0.768	ug/L	0.1507	0.768	ug/L	0.1507	19.62%
Pb 220.353†	7.9	2.07	ug/L	0.726	2.07	ug/L	0.726	35.02%
Sb 206.836†	3.3	1.53	ug/L	1.533	1.53	ug/L	1.533	100.46%
Se 196.026†	2.9	4.33	ug/L	4.724	4.33	ug/L	4.724	109.01%
Sn 189.927†	27.9	5.92	ug/L	1.240	5.92	ug/L	1.240	20.93%
Sr 421.552†	24153.6	37.9	ug/L	0.44	37.9	ug/L	0.44	1.16%
Ti 334.940†	36808.8	58.0	ug/L	9.77	58.0	ug/L	9.77	16.85%
Tl 190.801†	-2.5	-1.76	ug/L	0.817	-1.76	ug/L	0.817	46.55%
V 292.402†	39.5	0.754	ug/L	0.1531	0.754	ug/L	0.1531	20.31%
Zn 206.200†	94.6	3.99	ug/L	0.142	3.99	ug/L	0.142	3.57%

Sequence No.: 25 **Autosampler Location: 53**
Sample ID: 350762209 **Date Collected: 11/21/2012 3:21:22 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762209

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	235275.5	105	%	0.4				0.41%
Sc 361.383	2568440.0	103	%	0.6				0.63%
Ag 328.068†	2.0	0.160	ug/L	0.3194	0.160	ug/L	0.3194	199.08%
Al 308.215†	5949.7	3430	ug/L	41.8	3430	ug/L	41.8	1.22%
As 188.979†	2.1	1.99	ug/L	2.235	1.99	ug/L	2.235	112.22%
Ba 233.527†	6197.9	35.8	ug/L	0.23	35.8	ug/L	0.23	0.66%
Be 234.861†	24.4	0.175	ug/L	0.0446	0.175	ug/L	0.0446	25.45%
Ca 315.887†	7386.1	1210	ug/L	15.8	1210	ug/L	15.8	1.31%
Cd 226.502†	6.1	0.086	ug/L	0.2546	0.086	ug/L	0.2546	295.76%
Co 228.616†	20.3	-0.048	ug/L	0.2167	-0.048	ug/L	0.2167	447.94%
Cr 267.716†	383.6	7.53	ug/L	0.101	7.53	ug/L	0.101	1.34%
Cu 324.752†	62.5	0.607	ug/L	0.1541	0.607	ug/L	0.1541	25.37%
Fe 259.939†	15452.2	1220	ug/L	9.5	1220	ug/L	9.5	0.78%
K 766.490†	404.2	63.1	ug/L	27.27	63.1	ug/L	27.27	43.23%
Mg 279.077†	2559.6	214	ug/L	3.2	214	ug/L	3.2	1.51%
Mn 257.610†	2999.2	3.52	ug/L	0.060	3.52	ug/L	0.060	1.69%
Mo 202.031†	-1.3	0.074	ug/L	0.4573	0.074	ug/L	0.4573	615.02%
Na 589.592†	717.4	72.0	ug/L	7.62	72.0	ug/L	7.62	10.58%
Ni 231.604†	53.4	2.53	ug/L	0.233	2.53	ug/L	0.233	9.20%
Pb 220.353†	10.0	2.94	ug/L	0.266	2.94	ug/L	0.266	9.05%
Sb 206.836†	-3.0	-0.334	ug/L	0.6862	-0.334	ug/L	0.6862	205.29%
Se 196.026†	-0.7	1.50	ug/L	1.534	1.50	ug/L	1.534	102.09%
Sn 189.927†	28.0	6.65	ug/L	0.670	6.65	ug/L	0.670	10.08%
Sr 421.552†	86086.4	135	ug/L	0.5	135	ug/L	0.5	0.38%
Ti 334.940†	122474.0	193	ug/L	22.7	193	ug/L	22.7	11.78%
Tl 190.801†	-6.0	-3.69	ug/L	2.649	-3.69	ug/L	2.649	71.69%
V 292.402†	217.5	3.60	ug/L	0.080	3.60	ug/L	0.080	2.23%
Zn 206.200†	55.3	2.24	ug/L	0.164	2.24	ug/L	0.164	7.34%

Sequence No.: 26 **Autosampler Location: 54**
Sample ID: 350762601 **Date Collected: 11/21/2012 3:26:38 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762601

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	227599.3	101	%	0.7				0.72%
Sc 361.383	2482191.0	99.6	%	0.90				0.90%
Ag 328.068†	-959.7	-0.212	ug/L	0.0368	-0.212	ug/L	0.0368	17.34%
Al 308.215†	85117.1	49000	ug/L	287.7	49000	ug/L	287.7	0.59%
As 188.979†	37.2	24.9	ug/L	3.93	24.9	ug/L	3.93	15.79%
Ba 233.527†	51310.5	296	ug/L	5.1	296	ug/L	5.1	1.71%
Be 234.861†	-34.4	1.66	ug/L	0.257	1.66	ug/L	0.257	15.50%
Ca 315.887†	986173.9	161000	ug/L	2406.2	161000	ug/L	2406.2	1.49%
Cd 226.502†	118.8	4.19	ug/L	0.216	4.19	ug/L	0.216	5.15%
Co 228.616†	316.1	5.81	ug/L	0.208	5.81	ug/L	0.208	3.58%
Cr 267.716†	3868.0	76.1	ug/L	0.68	76.1	ug/L	0.68	0.89%
Cu 324.752†	53720.7	149	ug/L	2.5	149	ug/L	2.5	1.71%
Fe 259.939†	470561.8	37000	ug/L	134.9	37000	ug/L	134.9	0.36%
K 766.490†	5585.4	1140	ug/L	11.2	1140	ug/L	11.2	0.99%
Mg 279.077†	50006.6	4190	ug/L	18.6	4190	ug/L	18.6	0.44%
Mn 257.610†	333972.5	411	ug/L	6.7	411	ug/L	6.7	1.63%
Mo 202.031†	5.2	2.59	ug/L	0.429	2.59	ug/L	0.429	16.57%
Na 589.592†	4929.0	476	ug/L	3.2	476	ug/L	3.2	0.67%
Ni 231.604†	585.9	31.7	ug/L	0.43	31.7	ug/L	0.43	1.35%
Pb 220.353†	2408.7	763	ug/L	8.8	763	ug/L	8.8	1.15%
Sb 206.836†	23.5	6.21	ug/L	0.113	6.21	ug/L	0.113	1.83%
Se 196.026†	-32.0	7.92	ug/L	7.226	7.92	ug/L	7.226	91.24%
Sn 189.927†	84.6	44.4	ug/L	2.37	44.4	ug/L	2.37	5.33%
Sr 421.552†	383102.8	602	ug/L	6.3	602	ug/L	6.3	1.04%
Ti 334.940†	391672.4	617	ug/L	15.7	617	ug/L	15.7	2.55%
Tl 190.801†	1.0	3.53	ug/L	1.139	3.53	ug/L	1.139	32.23%
V 292.402†	2957.4	45.9	ug/L	0.43	45.9	ug/L	0.43	0.94%
Zn 206.200†	14277.6	643	ug/L	14.2	643	ug/L	14.2	2.21%

Sequence No.: 27 **Autosampler Location: 55**
Sample ID: 350762601L **Date Collected: 11/21/2012 3:31:56 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 350762601L

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	229900.0	102	%	0.4				0.39%
Sc 361.383	2535275.1	102	%	0.3				0.33%
Ag 328.068†	-177.0	0.044	ug/L	0.2900	0.222	ug/L	1.4500	653.84%
Al 308.215†	16759.8	9650	ug/L	34.1	48200	ug/L	170.6	0.35%
As 188.979†	11.0	7.66	ug/L	4.028	38.3	ug/L	20.14	52.61%
Ba 233.527†	10296.3	59.5	ug/L	0.34	297	ug/L	1.7	0.57%
Be 234.861†	3.1	0.402	ug/L	0.0549	2.01	ug/L	0.275	13.66%
Ca 315.887†	197879.4	32400	ug/L	259.9	162000	ug/L	1299.6	0.80%
Cd 226.502†	30.7	1.14	ug/L	0.257	5.69	ug/L	1.287	22.62%
Co 228.616†	70.9	1.21	ug/L	0.193	6.07	ug/L	0.963	15.87%
Cr 267.716†	792.2	15.6	ug/L	0.14	78.0	ug/L	0.68	0.87%
Cu 324.752†	10428.0	29.3	ug/L	0.71	147	ug/L	3.5	2.41%
Fe 259.939†	96486.3	7600	ug/L	47.5	38000	ug/L	237.7	0.63%
K 766.490†	1226.7	234	ug/L	16.5	1170	ug/L	82.4	7.06%
Mg 279.077†	10175.7	853	ug/L	6.4	4270	ug/L	31.8	0.74%
Mn 257.610†	67807.7	83.4	ug/L	1.13	417	ug/L	5.6	1.35%
Mo 202.031†	-3.0	0.081	ug/L	0.6712	0.404	ug/L	3.3561	830.11%
Na 589.592†	1062.2	105	ug/L	4.4	525	ug/L	22.0	4.18%
Ni 231.604†	123.1	6.34	ug/L	0.335	31.7	ug/L	1.67	5.28%
Pb 220.353†	489.6	155	ug/L	1.2	773	ug/L	5.8	0.75%
Sb 206.836†	7.7	2.50	ug/L	0.694	12.5	ug/L	3.47	27.83%
Se 196.026†	-13.6	-3.63	ug/L	1.252	-18.1	ug/L	6.26	34.52%
Sn 189.927†	7.6	2.37	ug/L	1.958	11.9	ug/L	9.79	82.50%
Sr 421.552†	76985.0	121	ug/L	1.1	604	ug/L	5.6	0.93%
Ti 334.940†	77627.9	122	ug/L	5.7	612	ug/L	28.7	4.69%
Tl 190.801†	4.8	3.46	ug/L	0.405	17.3	ug/L	2.02	11.70%
V 292.402†	596.2	9.36	ug/L	0.082	46.8	ug/L	0.41	0.88%
Zn 206.200†	3014.9	136	ug/L	0.5	678	ug/L	2.4	0.36%

Sequence No.: 28 **Autosampler Location: 56**
Sample ID: 350762605 **Date Collected: 11/21/2012 3:37:06 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762605

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	224971.6	100	%	0.7				0.71%
Sc 361.383	2493146.5	100	%	0.3				0.34%
Ag 328.068†	-590.8	-0.415	ug/L	0.0428	-0.415	ug/L	0.0428	10.32%
Al 308.215†	67114.2	38600	ug/L	36.6	38600	ug/L	36.6	0.09%
As 188.979†	33.0	21.9	ug/L	1.32	21.9	ug/L	1.32	6.05%
Ba 233.527†	65041.2	376	ug/L	1.7	376	ug/L	1.7	0.45%
Be 234.861†	99.3	1.37	ug/L	0.306	1.37	ug/L	0.306	22.33%
Ca 315.887†	1586481.2	259000	ug/L	2991.7	259000	ug/L	2991.7	1.15%
Cd 226.502†	124.4	6.32	ug/L	0.312	6.32	ug/L	0.312	4.94%
Co 228.616†	182.0	3.18	ug/L	0.091	3.18	ug/L	0.091	2.86%
Cr 267.716†	4526.0	88.8	ug/L	0.42	88.8	ug/L	0.42	0.48%
Cu 324.752†	45266.0	126	ug/L	0.9	126	ug/L	0.9	0.70%
Fe 259.939†	268933.7	21200	ug/L	30.4	21200	ug/L	30.4	0.14%
K 766.490†	5399.4	1100	ug/L	13.2	1100	ug/L	13.2	1.20%
Mg 279.077†	63830.0	5350	ug/L	83.6	5350	ug/L	83.6	1.56%
Mn 257.610†	319973.1	394	ug/L	1.8	394	ug/L	1.8	0.45%
Mo 202.031†	16.5	3.63	ug/L	0.579	3.63	ug/L	0.579	15.94%
Na 589.592†	7866.5	757	ug/L	4.7	757	ug/L	4.7	0.62%
Ni 231.604†	481.6	26.0	ug/L	0.05	26.0	ug/L	0.05	0.21%
Pb 220.353†	4173.3	1320	ug/L	9.1	1320	ug/L	9.1	0.69%
Sb 206.836†	22.0	6.14	ug/L	0.749	6.14	ug/L	0.749	12.20%
Se 196.026†	-24.3	13.3	ug/L	9.50	13.3	ug/L	9.50	71.41%
Sn 189.927†	31.8	35.7	ug/L	1.97	35.7	ug/L	1.97	5.52%
Sr 421.552†	547074.0	859	ug/L	9.8	859	ug/L	9.8	1.14%
Ti 334.940†	256448.8	404	ug/L	7.7	404	ug/L	7.7	1.91%
Tl 190.801†	5.2	4.83	ug/L	3.106	4.83	ug/L	3.106	64.29%
V 292.402†	4219.2	67.2	ug/L	0.32	67.2	ug/L	0.32	0.48%
Zn 206.200†	103975.2	4690	ug/L	48.6	4690	ug/L	48.6	1.04%

Sequence No.: 29 **Autosampler Location: 57**
Sample ID: 350762606 **Date Collected: 11/21/2012 3:42:24 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762606

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	234875.0	105	%	0.2				0.18%
Sc 361.383	2598476.2	104	%	0.6				0.62%
Ag 328.068†	-219.5	-0.337	ug/L	0.2611	-0.337	ug/L	0.2611	77.55%
Al 308.215†	142124.9	81800	ug/L	26.4	81800	ug/L	26.4	0.03%
As 188.979†	18.9	12.9	ug/L	3.67	12.9	ug/L	3.67	28.36%
Ba 233.527†	39506.0	228	ug/L	2.2	228	ug/L	2.2	0.95%
Be 234.861†	238.3	1.18	ug/L	0.026	1.18	ug/L	0.026	2.17%
Ca 315.887†	50714.8	8290	ug/L	48.0	8290	ug/L	48.0	0.58%
Cd 226.502†	12.1	-0.115	ug/L	0.1024	-0.115	ug/L	0.1024	88.86%
Co 228.616†	159.7	2.74	ug/L	0.109	2.74	ug/L	0.109	3.97%
Cr 267.716†	4887.5	95.7	ug/L	0.68	95.7	ug/L	0.68	0.71%
Cu 324.752†	688.6	2.33	ug/L	0.290	2.33	ug/L	0.290	12.45%
Fe 259.939†	87998.4	6930	ug/L	28.6	6930	ug/L	28.6	0.41%
K 766.490†	2600.2	518	ug/L	4.5	518	ug/L	4.5	0.86%
Mg 279.077†	14853.7	1240	ug/L	9.6	1240	ug/L	9.6	0.77%
Mn 257.610†	10523.2	12.8	ug/L	0.25	12.8	ug/L	0.25	1.94%
Mo 202.031†	4.3	1.17	ug/L	0.205	1.17	ug/L	0.205	17.51%
Na 589.592†	1259.7	124	ug/L	2.0	124	ug/L	2.0	1.61%
Ni 231.604†	331.5	17.8	ug/L	0.21	17.8	ug/L	0.21	1.17%
Pb 220.353†	208.6	71.5	ug/L	1.47	71.5	ug/L	1.47	2.05%
Sb 206.836†	8.6	2.89	ug/L	2.546	2.89	ug/L	2.546	88.12%
Se 196.026†	-10.2	-2.93	ug/L	5.010	-2.93	ug/L	5.010	170.72%
Sn 189.927†	25.2	8.05	ug/L	1.866	8.05	ug/L	1.866	23.19%
Sr 421.552†	330511.6	519	ug/L	6.9	519	ug/L	6.9	1.33%
Ti 334.940†	346765.4	547	ug/L	5.7	547	ug/L	5.7	1.04%
Tl 190.801†	-9.4	-5.01	ug/L	2.802	-5.01	ug/L	2.802	55.90%
V 292.402†	1879.3	30.2	ug/L	0.40	30.2	ug/L	0.40	1.32%
Zn 206.200†	281.1	12.6	ug/L	0.59	12.6	ug/L	0.59	4.69%

Sequence No.: 30 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/21/2012 3:47:41 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	225304.7	100	%	1.1				1.08%
Sc 361.383	2472001.3	99.2	%	0.97				0.98%
Ag 328.068†	78379.0	510	ug/L	5.1	510	ug/L	5.1	1.00%
QC value within limits for Ag 328.068 Recovery = 101.98%								
Al 308.215†	42535.6	24500	ug/L	156.0	24500	ug/L	156.0	0.64%
QC value within limits for Al 308.215 Recovery = 97.95%								
As 188.979†	823.1	504	ug/L	5.3	504	ug/L	5.3	1.06%
QC value within limits for As 188.979 Recovery = 100.87%								
Ba 233.527†	87429.4	505	ug/L	7.0	505	ug/L	7.0	1.38%
QC value within limits for Ba 233.527 Recovery = 101.03%								
Be 234.861†	149783.1	517	ug/L	6.3	517	ug/L	6.3	1.22%
QC value within limits for Be 234.861 Recovery = 103.43%								
Ca 315.887†	148731.5	24300	ug/L	169.2	24300	ug/L	169.2	0.70%
QC value within limits for Ca 315.887 Recovery = 97.28%								
Cd 226.502†	6907.2	487	ug/L	1.1	487	ug/L	1.1	0.22%
QC value within limits for Cd 226.502 Recovery = 97.31%								
Co 228.616†	19390.6	500	ug/L	2.1	500	ug/L	2.1	0.41%
QC value within limits for Co 228.616 Recovery = 99.92%								
Cr 267.716†	25776.2	505	ug/L	5.3	505	ug/L	5.3	1.04%
QC value within limits for Cr 267.716 Recovery = 100.97%								
Cu 324.752†	176101.2	489	ug/L	1.8	489	ug/L	1.8	0.37%
QC value within limits for Cu 324.752 Recovery = 97.82%								
Fe 259.939†	505142.0	39800	ug/L	361.1	39800	ug/L	361.1	0.91%
QC value within limits for Fe 259.939 Recovery = 99.43%								
K 766.490†	120917.6	25100	ug/L	117.3	25100	ug/L	117.3	0.47%
QC value within limits for K 766.490 Recovery = 100.20%								
Mg 279.077†	293735.9	24600	ug/L	197.8	24600	ug/L	197.8	0.80%
QC value within limits for Mg 279.077 Recovery = 98.48%								
Mn 257.610†	407899.4	502	ug/L	1.3	502	ug/L	1.3	0.26%
QC value within limits for Mn 257.610 Recovery = 100.47%								
Mo 202.031†	3333.0	508	ug/L	4.6	508	ug/L	4.6	0.91%
QC value within limits for Mo 202.031 Recovery = 101.57%								
Na 589.592†	257832.6	24700	ug/L	157.2	24700	ug/L	157.2	0.64%
QC value within limits for Na 589.592 Recovery = 98.83%								
Ni 231.604†	9506.7	522	ug/L	13.0	522	ug/L	13.0	2.48%
QC value within limits for Ni 231.604 Recovery = 104.35%								
Pb 220.353†	1583.0	500	ug/L	1.9	500	ug/L	1.9	0.39%
QC value within limits for Pb 220.353 Recovery = 99.92%								
Sb 206.836†	1536.3	478	ug/L	2.8	478	ug/L	2.8	0.59%
QC value within limits for Sb 206.836 Recovery = 95.59%								
Se 196.026†	550.8	515	ug/L	7.7	515	ug/L	7.7	1.48%
QC value within limits for Se 196.026 Recovery = 103.09%								
Sn 189.927†	1183.9	409	ug/L	1.7	409	ug/L	1.7	0.42%
QC value within limits for Sn 189.927 Recovery = 102.21%								
Sr 421.552†	250471.1	393	ug/L	3.4	393	ug/L	3.4	0.86%
QC value within limits for Sr 421.552 Recovery = 98.34%								
Ti 334.940†	257882.5	406	ug/L	1.5	406	ug/L	1.5	0.37%
QC value within limits for Ti 334.940 Recovery = 101.61%								
Tl 190.801†	787.3	500	ug/L	4.3	500	ug/L	4.3	0.85%
QC value within limits for Tl 190.801 Recovery = 100.02%								
V 292.402†	31517.2	508	ug/L	5.2	508	ug/L	5.2	1.02%
QC value within limits for V 292.402 Recovery = 101.50%								
Zn 206.200†	11554.3	522	ug/L	9.6	522	ug/L	9.6	1.85%
QC value within limits for Zn 206.200 Recovery = 104.33%								

All analyte(s) passed QC.

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Sequence No.: 31 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/21/2012 3:53:00 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	226996.4	101	%	1.0				0.95%
Sc 361.383	2537779.2	102	%	0.2				0.24%
Ag 328.068†	-7.2	-0.094	ug/L	0.0624	-0.094	ug/L	0.0624	66.61%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	13.4	11.0	ug/L	1.04	11.0	ug/L	1.04	9.51%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	-0.7	0.244	ug/L	1.1990	0.244	ug/L	1.1990	490.49%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	19.6	0.086	ug/L	0.0564	0.086	ug/L	0.0564	65.89%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	32.9	0.148	ug/L	0.0123	0.148	ug/L	0.0123	8.29%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	96.1	13.9	ug/L	0.61	13.9	ug/L	0.61	4.38%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	2.9	-0.016	ug/L	0.1883	-0.016	ug/L	0.1883	>999.9%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	4.0	-0.078	ug/L	0.0355	-0.078	ug/L	0.0355	45.78%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	2.7	0.070	ug/L	0.1125	0.070	ug/L	0.1125	161.01%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-119.6	0.106	ug/L	0.0513	0.106	ug/L	0.0513	48.45%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	166.1	12.4	ug/L	1.61	12.4	ug/L	1.61	12.98%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	53.7	-9.58	ug/L	15.778	-9.58	ug/L	15.778	164.72%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	70.5	5.86	ug/L	0.809	5.86	ug/L	0.809	13.81%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	78.9	-0.073	ug/L	0.0035	-0.073	ug/L	0.0035	4.75%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	1.7	0.467	ug/L	0.3957	0.467	ug/L	0.3957	84.70%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	112.5	14.1	ug/L	6.29	14.1	ug/L	6.29	44.64%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-1.7	-0.497	ug/L	0.5931	-0.497	ug/L	0.5931	119.24%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	1.8	0.063	ug/L	1.0925	0.063	ug/L	1.0925	>999.9%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-0.7	0.196	ug/L	1.0369	0.196	ug/L	1.0369	530.10%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-0.4	1.03	ug/L	3.480	1.03	ug/L	3.480	336.48%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	-0.5	-4.26	ug/L	1.005	-4.26	ug/L	1.005	23.57%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	92.4	0.137	ug/L	0.0276	0.137	ug/L	0.0276	20.15%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	71.3	0.073	ug/L	0.0464	0.073	ug/L	0.0464	63.69%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-0.1	-0.318	ug/L	0.3365	-0.318	ug/L	0.3365	105.81%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	11.2	0.323	ug/L	0.0681	0.323	ug/L	0.0681	21.08%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	2.5	-0.152	ug/L	0.1295	-0.152	ug/L	0.1295	84.97%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 32 **Autosampler Location: 58**
Sample ID: 350762607 **Date Collected: 11/21/2012 3:59:09 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762607

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	237223.5	106	%	0.7				0.69%
Sc 361.383	2566518.9	103	%	0.4				0.41%
Ag 328.068†	-235.0	-0.421	ug/L	0.3332	-0.421	ug/L	0.3332	79.06%
Al 308.215†	189412.1	109000	ug/L	613.8	109000	ug/L	613.8	0.56%
As 188.979†	21.4	14.5	ug/L	0.73	14.5	ug/L	0.73	5.03%
Ba 233.527†	76010.1	439	ug/L	3.1	439	ug/L	3.1	0.71%
Be 234.861†	365.9	1.62	ug/L	0.154	1.62	ug/L	0.154	9.48%
Ca 315.887†	27894.7	4560	ug/L	13.3	4560	ug/L	13.3	0.29%
Cd 226.502†	8.5	-0.382	ug/L	0.1052	-0.382	ug/L	0.1052	27.56%
Co 228.616†	358.9	8.31	ug/L	0.148	8.31	ug/L	0.148	1.78%
Cr 267.716†	5564.8	109	ug/L	1.2	109	ug/L	1.2	1.07%
Cu 324.752†	975.8	3.13	ug/L	0.196	3.13	ug/L	0.196	6.26%
Fe 259.939†	89202.2	7020	ug/L	39.0	7020	ug/L	39.0	0.56%
K 766.490†	3673.5	741	ug/L	9.2	741	ug/L	9.2	1.25%
Mg 279.077†	17651.6	1480	ug/L	27.3	1480	ug/L	27.3	1.85%
Mn 257.610†	6815.6	8.18	ug/L	0.024	8.18	ug/L	0.024	0.29%
Mo 202.031†	-2.0	0.208	ug/L	0.3038	0.208	ug/L	0.3038	145.73%
Na 589.592†	3423.3	331	ug/L	4.4	331	ug/L	4.4	1.34%
Ni 231.604†	544.7	29.5	ug/L	0.42	29.5	ug/L	0.42	1.42%
Pb 220.353†	112.9	43.1	ug/L	1.05	43.1	ug/L	1.05	2.43%
Sb 206.836†	8.4	2.32	ug/L	2.804	2.32	ug/L	2.804	121.07%
Se 196.026†	-1.8	4.25	ug/L	3.056	4.25	ug/L	3.056	71.85%
Sn 189.927†	28.1	7.53	ug/L	0.794	7.53	ug/L	0.794	10.54%
Sr 421.552†	771426.1	1210	ug/L	20.9	1210	ug/L	20.9	1.73%
Ti 334.940†	204238.9	322	ug/L	5.9	322	ug/L	5.9	1.83%
Tl 190.801†	-8.9	-5.11	ug/L	2.943	-5.11	ug/L	2.943	57.56%
V 292.402†	2515.4	40.5	ug/L	1.08	40.5	ug/L	1.08	2.66%
Zn 206.200†	167.6	7.55	ug/L	0.059	7.55	ug/L	0.059	0.78%

Sequence No.: 33 **Autosampler Location: 59**
Sample ID: 350762701 **Date Collected: 11/21/2012 4:04:27 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762701

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	236026.5	105	%	0.7				0.71%
Sc 361.383	2539536.3	102	%	0.6				0.55%
Ag 328.068†	-140.7	-0.179	ug/L	0.3057	-0.179	ug/L	0.3057	170.47%
Al 308.215†	90494.5	52100	ug/L	209.7	52100	ug/L	209.7	0.40%
As 188.979†	8.8	6.56	ug/L	0.950	6.56	ug/L	0.950	14.48%
Ba 233.527†	26744.6	154	ug/L	0.3	154	ug/L	0.3	0.18%
Be 234.861†	127.7	0.698	ug/L	0.0802	0.698	ug/L	0.0802	11.48%
Ca 315.887†	16342.7	2670	ug/L	6.9	2670	ug/L	6.9	0.26%
Cd 226.502†	7.9	-0.177	ug/L	0.2511	-0.177	ug/L	0.2511	142.01%
Co 228.616†	129.6	1.92	ug/L	0.020	1.92	ug/L	0.020	1.02%
Cr 267.716†	3486.9	68.3	ug/L	0.45	68.3	ug/L	0.45	0.66%
Cu 324.752†	467.8	1.72	ug/L	0.056	1.72	ug/L	0.056	3.27%
Fe 259.939†	60657.0	4780	ug/L	6.0	4780	ug/L	6.0	0.13%
K 766.490†	2394.0	476	ug/L	15.1	476	ug/L	15.1	3.18%
Mg 279.077†	11555.9	968	ug/L	20.1	968	ug/L	20.1	2.07%
Mn 257.610†	11493.3	14.0	ug/L	0.07	14.0	ug/L	0.07	0.48%
Mo 202.031†	4.8	1.14	ug/L	0.246	1.14	ug/L	0.246	21.48%
Na 589.592†	1295.4	127	ug/L	6.1	127	ug/L	6.1	4.78%
Ni 231.604†	228.6	12.1	ug/L	0.10	12.1	ug/L	0.10	0.82%
Pb 220.353†	167.5	56.5	ug/L	1.66	56.5	ug/L	1.66	2.95%
Sb 206.836†	0.2	0.709	ug/L	1.3230	0.709	ug/L	1.3230	186.67%
Se 196.026†	0.1	4.50	ug/L	3.344	4.50	ug/L	3.344	74.29%
Sn 189.927†	29.5	9.25	ug/L	0.683	9.25	ug/L	0.683	7.38%
Sr 421.552†	199888.9	314	ug/L	3.8	314	ug/L	3.8	1.20%
Ti 334.940†	381899.5	602	ug/L	13.5	602	ug/L	13.5	2.25%
Tl 190.801†	-10.8	-5.95	ug/L	0.678	-5.95	ug/L	0.678	11.40%
V 292.402†	1196.3	19.3	ug/L	0.23	19.3	ug/L	0.23	1.21%
Zn 206.200†	234.1	10.4	ug/L	0.31	10.4	ug/L	0.31	2.94%

Sequence No.: 34 **Autosampler Location: 60**
Sample ID: 350762701L **Date Collected: 11/21/2012 4:09:45 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 350762701L

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231742.3	103	%	1.0				0.93%
Sc 361.383	2560842.9	103	%	1.4				1.32%
Ag 328.068†	-18.8	-0.015	ug/L	0.3268	-0.073	ug/L	1.6338	>999.9%
Al 308.215†	18124.6	10400	ug/L	82.1	52200	ug/L	410.4	0.79%
As 188.979†	4.3	3.37	ug/L	1.941	16.9	ug/L	9.70	57.58%
Ba 233.527†	5345.4	30.9	ug/L	0.46	154	ug/L	2.3	1.48%
Be 234.861†	40.6	0.219	ug/L	0.0153	1.10	ug/L	0.077	6.99%
Ca 315.887†	3388.9	552	ug/L	6.7	2760	ug/L	33.3	1.20%
Cd 226.502†	5.9	0.098	ug/L	0.0907	0.492	ug/L	0.4537	92.17%
Co 228.616†	37.5	0.525	ug/L	0.1768	2.62	ug/L	0.884	33.70%
Cr 267.716†	695.8	13.6	ug/L	0.15	68.2	ug/L	0.74	1.08%
Cu 324.752†	50.0	0.571	ug/L	0.3553	2.86	ug/L	1.777	62.19%
Fe 259.939†	12173.5	958	ug/L	5.5	4790	ug/L	27.6	0.58%
K 766.490†	537.7	90.8	ug/L	23.32	454	ug/L	116.6	25.70%
Mg 279.077†	2436.4	204	ug/L	3.4	1020	ug/L	17.0	1.67%
Mn 257.610†	2724.4	3.18	ug/L	0.062	15.9	ug/L	0.31	1.96%
Mo 202.031†	0.7	0.368	ug/L	0.2169	1.84	ug/L	1.084	58.92%
Na 589.592†	356.9	37.5	ug/L	1.96	188	ug/L	9.8	5.24%
Ni 231.604†	48.6	2.26	ug/L	0.260	11.3	ug/L	1.30	11.49%
Pb 220.353†	34.4	11.2	ug/L	0.84	55.8	ug/L	4.19	7.52%
Sb 206.836†	-2.2	-0.218	ug/L	0.7780	-1.09	ug/L	3.890	357.10%
Se 196.026†	2.0	3.70	ug/L	0.663	18.5	ug/L	3.32	17.94%
Sn 189.927†	4.6	-1.83	ug/L	0.422	-9.13	ug/L	2.108	23.09%
Sr 421.552†	40952.3	64.3	ug/L	0.27	322	ug/L	1.3	0.42%
Ti 334.940†	81414.1	128	ug/L	1.0	641	ug/L	5.2	0.81%
Tl 190.801†	-0.3	-0.197	ug/L	1.5794	-0.984	ug/L	7.8968	802.91%
V 292.402†	235.1	3.90	ug/L	0.084	19.5	ug/L	0.42	2.14%
Zn 206.200†	114.3	4.92	ug/L	0.132	24.6	ug/L	0.66	2.68%

Sequence No.: 35 **Autosampler Location: 61**
Sample ID: 350762702 **Date Collected: 11/21/2012 4:15:02 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762702

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	236059.0	105	%	1.0				0.92%
Sc 361.383	2572288.8	103	%	0.6				0.58%
Ag 328.068†	-224.8	0.058	ug/L	0.1776	0.058	ug/L	0.1776	306.62%
Al 308.215†	93289.9	53700	ug/L	177.9	53700	ug/L	177.9	0.33%
As 188.979†	13.1	9.23	ug/L	0.751	9.23	ug/L	0.751	8.14%
Ba 233.527†	24393.2	141	ug/L	0.6	141	ug/L	0.6	0.45%
Be 234.861†	6.4	0.507	ug/L	0.0893	0.507	ug/L	0.0893	17.63%
Ca 315.887†	24548.5	4010	ug/L	2.9	4010	ug/L	2.9	0.07%
Cd 226.502†	16.0	-0.122	ug/L	0.1467	-0.122	ug/L	0.1467	120.11%
Co 228.616†	220.1	4.33	ug/L	0.209	4.33	ug/L	0.209	4.84%
Cr 267.716†	2955.9	57.9	ug/L	0.16	57.9	ug/L	0.16	0.27%
Cu 324.752†	1161.7	3.63	ug/L	0.198	3.63	ug/L	0.198	5.46%
Fe 259.939†	121608.4	9570	ug/L	46.3	9570	ug/L	46.3	0.48%
K 766.490†	3685.2	743	ug/L	6.9	743	ug/L	6.9	0.93%
Mg 279.077†	16667.2	1400	ug/L	3.8	1400	ug/L	3.8	0.27%
Mn 257.610†	19327.1	23.6	ug/L	0.27	23.6	ug/L	0.27	1.13%
Mo 202.031†	2.7	1.04	ug/L	0.252	1.04	ug/L	0.252	24.23%
Na 589.592†	1615.4	158	ug/L	6.0	158	ug/L	6.0	3.79%
Ni 231.604†	321.6	17.2	ug/L	0.25	17.2	ug/L	0.25	1.42%
Pb 220.353†	129.9	44.3	ug/L	0.68	44.3	ug/L	0.68	1.54%
Sb 206.836†	3.1	1.25	ug/L	1.758	1.25	ug/L	1.758	140.21%
Se 196.026†	-2.3	5.32	ug/L	0.701	5.32	ug/L	0.701	13.18%
Sn 189.927†	27.8	8.17	ug/L	0.913	8.17	ug/L	0.913	11.18%
Sr 421.552†	172576.7	271	ug/L	2.7	271	ug/L	2.7	1.01%
Ti 334.940†	313492.4	494	ug/L	14.2	494	ug/L	14.2	2.88%
Tl 190.801†	-9.9	-5.29	ug/L	1.226	-5.29	ug/L	1.226	23.16%
V 292.402†	1697.8	27.1	ug/L	0.82	27.1	ug/L	0.82	3.02%
Zn 206.200†	682.2	30.6	ug/L	0.23	30.6	ug/L	0.23	0.76%

Sequence No.: 36 **Autosampler Location: 62**
Sample ID: 350762703 **Date Collected: 11/21/2012 4:20:21 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762703

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	230446.4	103	%	0.5				0.44%
Sc 361.383	2537366.4	102	%	1.6				1.53%
Ag 328.068†	-304.3	-0.140	ug/L	0.2342	-0.140	ug/L	0.2342	167.08%
Al 308.215†	95782.8	55100	ug/L	119.6	55100	ug/L	119.6	0.22%
As 188.979†	19.1	13.0	ug/L	2.26	13.0	ug/L	2.26	17.33%
Ba 233.527†	31899.8	184	ug/L	3.0	184	ug/L	3.0	1.60%
Be 234.861†	55.1	0.765	ug/L	0.0710	0.765	ug/L	0.0710	9.28%
Ca 315.887†	137289.3	22400	ug/L	196.6	22400	ug/L	196.6	0.88%
Cd 226.502†	23.1	0.174	ug/L	0.1974	0.174	ug/L	0.1974	113.50%
Co 228.616†	217.2	4.31	ug/L	0.207	4.31	ug/L	0.207	4.81%
Cr 267.716†	3359.8	65.9	ug/L	1.08	65.9	ug/L	1.08	1.64%
Cu 324.752†	4252.5	12.2	ug/L	0.39	12.2	ug/L	0.39	3.16%
Fe 259.939†	146131.2	11500	ug/L	46.9	11500	ug/L	46.9	0.41%
K 766.490†	3147.5	632	ug/L	15.0	632	ug/L	15.0	2.37%
Mg 279.077†	18293.4	1530	ug/L	16.9	1530	ug/L	16.9	1.10%
Mn 257.610†	33593.4	41.2	ug/L	0.69	41.2	ug/L	0.69	1.66%
Mo 202.031†	0.0	0.713	ug/L	0.6732	0.713	ug/L	0.6732	94.41%
Na 589.592†	1684.2	165	ug/L	1.7	165	ug/L	1.7	1.04%
Ni 231.604†	410.9	22.1	ug/L	0.33	22.1	ug/L	0.33	1.50%
Pb 220.353†	141.0	47.7	ug/L	3.32	47.7	ug/L	3.32	6.95%
Sb 206.836†	8.4	2.63	ug/L	2.160	2.63	ug/L	2.160	82.19%
Se 196.026†	-9.5	1.54	ug/L	4.128	1.54	ug/L	4.128	268.56%
Sn 189.927†	16.5	5.87	ug/L	0.711	5.87	ug/L	0.711	12.13%
Sr 421.552†	275788.1	433	ug/L	3.1	433	ug/L	3.1	0.71%
Ti 334.940†	273568.5	431	ug/L	2.2	431	ug/L	2.2	0.51%
Tl 190.801†	-3.2	-0.994	ug/L	3.1943	-0.994	ug/L	3.1943	321.36%
V 292.402†	1571.3	25.0	ug/L	0.41	25.0	ug/L	0.41	1.65%
Zn 206.200†	2351.5	106	ug/L	1.7	106	ug/L	1.7	1.63%

Sequence No.: 37 **Autosampler Location: 63**
Sample ID: 350762704 **Date Collected: 11/21/2012 4:25:39 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762704

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	238528.2	106	%	0.8				0.76%
Sc 361.383	2595662.8	104	%	0.8				0.74%
Ag 328.068†	-265.7	-0.226	ug/L	0.0269	-0.226	ug/L	0.0269	11.92%
Al 308.215†	75989.6	43700	ug/L	760.5	43700	ug/L	760.5	1.74%
As 188.979†	16.5	11.3	ug/L	1.71	11.3	ug/L	1.71	15.19%
Ba 233.527†	81974.3	473	ug/L	5.8	473	ug/L	5.8	1.22%
Be 234.861†	219.7	1.23	ug/L	0.089	1.23	ug/L	0.089	7.19%
Ca 315.887†	60823.4	9940	ug/L	193.7	9940	ug/L	193.7	1.95%
Cd 226.502†	19.7	0.155	ug/L	0.2071	0.155	ug/L	0.2071	133.54%
Co 228.616†	95.5	1.11	ug/L	0.111	1.11	ug/L	0.111	10.05%
Cr 267.716†	2604.9	51.1	ug/L	0.42	51.1	ug/L	0.42	0.82%
Cu 324.752†	3803.7	11.0	ug/L	0.33	11.0	ug/L	0.33	3.02%
Fe 259.939†	119983.3	9450	ug/L	170.2	9450	ug/L	170.2	1.80%
K 766.490†	3070.8	616	ug/L	34.9	616	ug/L	34.9	5.67%
Mg 279.077†	16127.5	1350	ug/L	24.1	1350	ug/L	24.1	1.78%
Mn 257.610†	28869.7	35.4	ug/L	0.43	35.4	ug/L	0.43	1.22%
Mo 202.031†	-2.4	0.249	ug/L	0.5107	0.249	ug/L	0.5107	204.70%
Na 589.592†	773.0	77.4	ug/L	0.41	77.4	ug/L	0.41	0.53%
Ni 231.604†	216.5	11.5	ug/L	0.08	11.5	ug/L	0.08	0.70%
Pb 220.353†	194.0	63.8	ug/L	1.77	63.8	ug/L	1.77	2.78%
Sb 206.836†	1.2	0.724	ug/L	1.6907	0.724	ug/L	1.6907	233.52%
Se 196.026†	-9.4	-0.566	ug/L	2.9896	-0.566	ug/L	2.9896	528.21%
Sn 189.927†	24.4	7.61	ug/L	1.827	7.61	ug/L	1.827	24.00%
Sr 421.552†	580596.4	912	ug/L	16.2	912	ug/L	16.2	1.78%
Ti 334.940†	312912.7	493	ug/L	5.2	493	ug/L	5.2	1.06%
Tl 190.801†	-6.9	-3.34	ug/L	3.425	-3.34	ug/L	3.425	102.55%
V 292.402†	1099.6	17.4	ug/L	0.22	17.4	ug/L	0.22	1.29%
Zn 206.200†	1426.7	64.1	ug/L	0.58	64.1	ug/L	0.58	0.91%

Sequence No.: 38 **Autosampler Location: 64**
Sample ID: 350762705 **Date Collected: 11/21/2012 4:30:57 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350762705

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	229946.4	102	%	1.2				1.20%
Sc 361.383	2589825.7	104	%	0.9				0.84%
Ag 328.068†	-151.4	0.136	ug/L	0.1800	0.136	ug/L	0.1800	131.93%
Al 308.215†	41081.7	23600	ug/L	101.9	23600	ug/L	101.9	0.43%
As 188.979†	14.7	9.97	ug/L	1.236	9.97	ug/L	1.236	12.40%
Ba 233.527†	36548.0	211	ug/L	2.5	211	ug/L	2.5	1.17%
Be 234.861†	86.4	0.668	ug/L	0.0890	0.668	ug/L	0.0890	13.33%
Ca 315.887†	165525.1	27100	ug/L	137.8	27100	ug/L	137.8	0.51%
Cd 226.502†	21.3	0.519	ug/L	0.3589	0.519	ug/L	0.3589	69.12%
Co 228.616†	41.5	0.121	ug/L	0.1036	0.121	ug/L	0.1036	85.54%
Cr 267.716†	1361.9	26.7	ug/L	0.30	26.7	ug/L	0.30	1.12%
Cu 324.752†	4243.6	12.2	ug/L	0.33	12.2	ug/L	0.33	2.73%
Fe 259.939†	90811.2	7150	ug/L	19.7	7150	ug/L	19.7	0.28%
K 766.490†	2188.6	433	ug/L	7.9	433	ug/L	7.9	1.83%
Mg 279.077†	16522.7	1380	ug/L	7.1	1380	ug/L	7.1	0.51%
Mn 257.610†	32930.5	40.4	ug/L	0.44	40.4	ug/L	0.44	1.10%
Mo 202.031†	-3.5	-0.012	ug/L	0.2769	-0.012	ug/L	0.2769	>999.9%
Na 589.592†	2023.5	197	ug/L	7.8	197	ug/L	7.8	3.96%
Ni 231.604†	126.7	6.54	ug/L	0.104	6.54	ug/L	0.104	1.59%
Pb 220.353†	216.1	69.3	ug/L	1.04	69.3	ug/L	1.04	1.50%
Sb 206.836†	3.0	1.27	ug/L	1.215	1.27	ug/L	1.215	96.03%
Se 196.026†	-11.2	-2.15	ug/L	2.150	-2.15	ug/L	2.150	100.07%
Sn 189.927†	13.8	4.89	ug/L	2.453	4.89	ug/L	2.453	50.19%
Sr 421.552†	278473.6	437	ug/L	6.3	437	ug/L	6.3	1.45%
Ti 334.940†	195273.9	308	ug/L	7.7	308	ug/L	7.7	2.51%
Tl 190.801†	-1.3	-0.187	ug/L	0.6897	-0.187	ug/L	0.6897	368.55%
V 292.402†	703.7	11.1	ug/L	0.03	11.1	ug/L	0.03	0.22%
Zn 206.200†	1055.1	47.3	ug/L	0.40	47.3	ug/L	0.40	0.85%

Sequence No.: 39 **Autosampler Location: 65**
Sample ID: 154331MB **Date Collected: 11/21/2012 4:36:15 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154331MB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231006.6	103	%	1.3				1.24%
Sc 361.383	2581949.0	104	%	0.5				0.53%
Ag 328.068†	14.8	0.047	ug/L	0.2964	0.047	ug/L	0.2964	631.92%
Al 308.215†	20.3	15.0	ug/L	3.08	15.0	ug/L	3.08	20.58%
As 188.979†	0.5	0.948	ug/L	1.5213	0.948	ug/L	1.5213	160.53%
Ba 233.527†	21.9	0.099	ug/L	0.0072	0.099	ug/L	0.0072	7.30%
Be 234.861†	6.0	0.055	ug/L	0.0152	0.055	ug/L	0.0152	27.45%
Ca 315.887†	162.9	24.9	ug/L	1.99	24.9	ug/L	1.99	8.00%
Cd 226.502†	3.7	0.041	ug/L	0.2538	0.041	ug/L	0.2538	613.77%
Co 228.616†	3.5	-0.090	ug/L	0.0314	-0.090	ug/L	0.0314	34.79%
Cr 267.716†	13.3	0.277	ug/L	0.0812	0.277	ug/L	0.0812	29.28%
Cu 324.752†	-305.6	-0.414	ug/L	0.0985	-0.414	ug/L	0.0985	23.80%
Fe 259.939†	69.8	4.86	ug/L	0.697	4.86	ug/L	0.697	14.33%
K 766.490†	152.6	10.9	ug/L	7.60	10.9	ug/L	7.60	69.57%
Mg 279.077†	0.7	0.013	ug/L	2.7740	0.013	ug/L	2.7740	>999.9%
Mn 257.610†	1153.8	1.25	ug/L	0.020	1.25	ug/L	0.020	1.60%
Mo 202.031†	-1.2	0.031	ug/L	0.2719	0.031	ug/L	0.2719	879.39%
Na 589.592†	47.9	7.89	ug/L	3.500	7.89	ug/L	3.500	44.34%
Ni 231.604†	4.1	-0.179	ug/L	0.1764	-0.179	ug/L	0.1764	98.40%
Pb 220.353†	-2.0	-1.15	ug/L	0.145	-1.15	ug/L	0.145	12.62%
Sb 206.836†	-1.7	-0.112	ug/L	0.0645	-0.112	ug/L	0.0645	57.38%
Se 196.026†	4.2	5.05	ug/L	1.614	5.05	ug/L	1.614	31.97%
Sn 189.927†	29.3	6.02	ug/L	0.912	6.02	ug/L	0.912	15.15%
Sr 421.552†	146.7	0.222	ug/L	0.0454	0.222	ug/L	0.0454	20.45%
Ti 334.940†	278.7	0.400	ug/L	0.3997	0.400	ug/L	0.3997	99.98%
Tl 190.801†	-0.7	-0.701	ug/L	1.6494	-0.701	ug/L	1.6494	235.36%
V 292.402†	-3.0	0.094	ug/L	0.1008	0.094	ug/L	0.1008	107.17%
Zn 206.200†	35.7	1.34	ug/L	0.084	1.34	ug/L	0.084	6.26%

Sequence No.: 40 **Autosampler Location: 66**
Sample ID: 154332LCS **Date Collected: 11/21/2012 4:42:26 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154332LCS

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	228546.4	102	%	0.8				0.82%
Sc 361.383	2458103.9	98.6	%	0.35				0.35%
Ag 328.068†	30255.5	202	ug/L	1.0	202	ug/L	1.0	0.50%
Al 308.215†	85758.3	49400	ug/L	261.9	49400	ug/L	261.9	0.53%
As 188.979†	836.9	513	ug/L	1.4	513	ug/L	1.4	0.27%
Ba 233.527†	258567.6	1490	ug/L	14.6	1490	ug/L	14.6	0.98%
Be 234.861†	144508.8	499	ug/L	7.0	499	ug/L	7.0	1.41%
Ca 315.887†	300247.6	49100	ug/L	270.2	49100	ug/L	270.2	0.55%
Cd 226.502†	6904.0	485	ug/L	8.2	485	ug/L	8.2	1.70%
Co 228.616†	18928.1	487	ug/L	1.5	487	ug/L	1.5	0.31%
Cr 267.716†	25906.5	507	ug/L	2.1	507	ug/L	2.1	0.40%
Cu 324.752†	175837.3	488	ug/L	4.6	488	ug/L	4.6	0.93%
Fe 259.939†	628127.8	49500	ug/L	345.1	49500	ug/L	345.1	0.70%
K 766.490†	247091.5	51200	ug/L	196.5	51200	ug/L	196.5	0.38%
Mg 279.077†	570680.4	47800	ug/L	243.8	47800	ug/L	243.8	0.51%
Mn 257.610†	409260.1	504	ug/L	3.9	504	ug/L	3.9	0.78%
Mo 202.031†	3349.3	511	ug/L	6.6	511	ug/L	6.6	1.29%
Na 589.592†	526049.8	50400	ug/L	391.7	50400	ug/L	391.7	0.78%
Ni 231.604†	9061.3	497	ug/L	4.4	497	ug/L	4.4	0.89%
Pb 220.353†	1566.7	496	ug/L	2.3	496	ug/L	2.3	0.47%
Sb 206.836†	1553.1	483	ug/L	1.1	483	ug/L	1.1	0.23%
Se 196.026†	546.7	520	ug/L	4.4	520	ug/L	4.4	0.84%
Sn 189.927†	1489.8	518	ug/L	2.4	518	ug/L	2.4	0.47%
Sr 421.552†	305151.2	479	ug/L	1.4	479	ug/L	1.4	0.29%
Ti 334.940†	330653.1	521	ug/L	5.9	521	ug/L	5.9	1.14%
Tl 190.801†	782.2	498	ug/L	2.4	498	ug/L	2.4	0.49%
V 292.402†	31510.9	507	ug/L	3.9	507	ug/L	3.9	0.76%
Zn 206.200†	11163.8	504	ug/L	4.2	504	ug/L	4.2	0.83%

Sequence No.: 41 **Autosampler Location: 67**
Sample ID: 154333LCSD **Date Collected: 11/21/2012 4:47:47 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154333LCSD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	227437.5	101	%	0.3				0.29%
Sc 361.383	2500981.6	100	%	0.3				0.27%
Ag 328.068†	29696.2	199	ug/L	2.5	199	ug/L	2.5	1.24%
Al 308.215†	85695.7	49300	ug/L	204.6	49300	ug/L	204.6	0.41%
As 188.979†	807.5	495	ug/L	3.1	495	ug/L	3.1	0.63%
Ba 233.527†	252819.5	1460	ug/L	5.9	1460	ug/L	5.9	0.40%
Be 234.861†	142151.3	491	ug/L	15.2	491	ug/L	15.2	3.09%
Ca 315.887†	296658.6	48500	ug/L	290.9	48500	ug/L	290.9	0.60%
Cd 226.502†	6699.8	471	ug/L	7.3	471	ug/L	7.3	1.55%
Co 228.616†	18586.3	478	ug/L	1.6	478	ug/L	1.6	0.33%
Cr 267.716†	25004.2	490	ug/L	2.1	490	ug/L	2.1	0.43%
Cu 324.752†	172761.0	480	ug/L	6.0	480	ug/L	6.0	1.26%
Fe 259.939†	621330.5	48900	ug/L	88.1	48900	ug/L	88.1	0.18%
K 766.490†	246231.1	51000	ug/L	290.7	51000	ug/L	290.7	0.57%
Mg 279.077†	575536.5	48200	ug/L	521.4	48200	ug/L	521.4	1.08%
Mn 257.610†	400952.9	494	ug/L	1.5	494	ug/L	1.5	0.31%
Mo 202.031†	3261.2	497	ug/L	2.0	497	ug/L	2.0	0.41%
Na 589.592†	521022.5	49900	ug/L	190.1	49900	ug/L	190.1	0.38%
Ni 231.604†	8783.0	482	ug/L	7.5	482	ug/L	7.5	1.55%
Pb 220.353†	1520.2	481	ug/L	0.7	481	ug/L	0.7	0.16%
Sb 206.836†	1505.2	468	ug/L	1.6	468	ug/L	1.6	0.35%
Se 196.026†	531.9	506	ug/L	2.7	506	ug/L	2.7	0.53%
Sn 189.927†	1446.2	502	ug/L	4.3	502	ug/L	4.3	0.85%
Sr 421.552†	301330.6	473	ug/L	12.6	473	ug/L	12.6	2.67%
Ti 334.940†	323935.5	511	ug/L	7.4	511	ug/L	7.4	1.44%
Tl 190.801†	754.4	480	ug/L	4.9	480	ug/L	4.9	1.03%
V 292.402†	30722.2	494	ug/L	6.0	494	ug/L	6.0	1.22%
Zn 206.200†	10709.5	483	ug/L	3.3	483	ug/L	3.3	0.68%

Sequence No.: 42 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/21/2012 4:53:07 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	228901.5	102	%	1.1				1.05%
Sc 361.383	2481373.6	99.5	%	1.09				1.09%
Ag 328.068†	77210.7	502	ug/L	3.9	502	ug/L	3.9	0.78%
QC value within limits for Ag 328.068 Recovery = 100.46%								
Al 308.215†	42195.6	24300	ug/L	38.3	24300	ug/L	38.3	0.16%
QC value within limits for Al 308.215 Recovery = 97.16%								
As 188.979†	816.9	501	ug/L	4.3	501	ug/L	4.3	0.86%
QC value within limits for As 188.979 Recovery = 100.10%								
Ba 233.527†	86396.6	499	ug/L	6.0	499	ug/L	6.0	1.20%
QC value within limits for Ba 233.527 Recovery = 99.83%								
Be 234.861†	147403.9	509	ug/L	5.6	509	ug/L	5.6	1.10%
QC value within limits for Be 234.861 Recovery = 101.79%								
Ca 315.887†	147844.5	24200	ug/L	91.3	24200	ug/L	91.3	0.38%
QC value within limits for Ca 315.887 Recovery = 96.70%								
Cd 226.502†	6889.1	485	ug/L	9.1	485	ug/L	9.1	1.87%
QC value within limits for Cd 226.502 Recovery = 97.06%								
Co 228.616†	18904.2	487	ug/L	4.5	487	ug/L	4.5	0.92%
QC value within limits for Co 228.616 Recovery = 97.40%								
Cr 267.716†	25386.0	497	ug/L	5.1	497	ug/L	5.1	1.03%
QC value within limits for Cr 267.716 Recovery = 99.44%								
Cu 324.752†	175284.8	487	ug/L	1.9	487	ug/L	1.9	0.39%
QC value within limits for Cu 324.752 Recovery = 97.37%								
Fe 259.939†	497581.2	39200	ug/L	261.7	39200	ug/L	261.7	0.67%
QC value within limits for Fe 259.939 Recovery = 97.94%								
K 766.490†	121272.9	25100	ug/L	137.3	25100	ug/L	137.3	0.55%
QC value within limits for K 766.490 Recovery = 100.50%								
Mg 279.077†	289970.1	24300	ug/L	354.5	24300	ug/L	354.5	1.46%
QC value within limits for Mg 279.077 Recovery = 97.21%								
Mn 257.610†	406154.4	500	ug/L	4.4	500	ug/L	4.4	0.87%
QC value within limits for Mn 257.610 Recovery = 100.04%								
Mo 202.031†	3290.4	501	ug/L	7.8	501	ug/L	7.8	1.55%
QC value within limits for Mo 202.031 Recovery = 100.27%								
Na 589.592†	252147.7	24200	ug/L	56.9	24200	ug/L	56.9	0.24%
QC value within limits for Na 589.592 Recovery = 96.65%								
Ni 231.604†	9302.2	511	ug/L	11.5	511	ug/L	11.5	2.25%
QC value within limits for Ni 231.604 Recovery = 102.10%								
Pb 220.353†	1577.9	498	ug/L	4.4	498	ug/L	4.4	0.88%
QC value within limits for Pb 220.353 Recovery = 99.59%								
Sb 206.836†	1526.7	475	ug/L	5.5	475	ug/L	5.5	1.16%
QC value within limits for Sb 206.836 Recovery = 95.01%								
Se 196.026†	547.7	512	ug/L	7.6	512	ug/L	7.6	1.49%
QC value within limits for Se 196.026 Recovery = 102.47%								
Sn 189.927†	1169.8	404	ug/L	8.2	404	ug/L	8.2	2.04%
QC value within limits for Sn 189.927 Recovery = 100.98%								
Sr 421.552†	246008.7	386	ug/L	5.5	386	ug/L	5.5	1.43%
QC value within limits for Sr 421.552 Recovery = 96.58%								
Ti 334.940†	255771.0	403	ug/L	1.2	403	ug/L	1.2	0.30%
QC value within limits for Ti 334.940 Recovery = 100.78%								
Tl 190.801†	790.5	502	ug/L	4.9	502	ug/L	4.9	0.97%
QC value within limits for Tl 190.801 Recovery = 100.44%								
V 292.402†	31048.3	500	ug/L	6.3	500	ug/L	6.3	1.26%
QC value within limits for V 292.402 Recovery = 99.99%								
Zn 206.200†	11400.4	515	ug/L	10.1	515	ug/L	10.1	1.96%
QC value within limits for Zn 206.200 Recovery = 102.94%								

All analyte(s) passed QC.

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Sequence No.: 43 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/21/2012 4:58:27 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	228251.5	102	%	0.9				0.91%
Sc 361.383	2523826.6	101	%	0.6				0.55%
Ag 328.068†	44.8	0.241	ug/L	0.0295	0.241	ug/L	0.0295	12.24%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	16.4	12.7	ug/L	3.39	12.7	ug/L	3.39	26.70%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	2.1	1.94	ug/L	2.675	1.94	ug/L	2.675	137.85%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	39.3	0.200	ug/L	0.0164	0.200	ug/L	0.0164	8.22%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	43.9	0.186	ug/L	0.0294	0.186	ug/L	0.0294	15.76%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	93.7	13.5	ug/L	1.50	13.5	ug/L	1.50	11.09%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	4.1	0.073	ug/L	0.1676	0.073	ug/L	0.1676	231.05%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	4.0	-0.077	ug/L	0.2035	-0.077	ug/L	0.2035	264.25%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	11.9	0.249	ug/L	0.1268	0.249	ug/L	0.1268	50.88%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-140.5	0.048	ug/L	0.2946	0.048	ug/L	0.2946	611.39%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	219.2	16.6	ug/L	2.26	16.6	ug/L	2.26	13.61%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	125.3	5.27	ug/L	24.100	5.27	ug/L	24.100	457.71%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	122.5	10.2	ug/L	2.66	10.2	ug/L	2.66	26.05%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	109.7	-0.035	ug/L	0.0101	-0.035	ug/L	0.0101	28.80%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	1.3	0.406	ug/L	0.2431	0.406	ug/L	0.2431	59.81%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	300.3	32.1	ug/L	3.23	32.1	ug/L	3.23	10.06%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-1.2	-0.472	ug/L	0.2621	-0.472	ug/L	0.2621	55.53%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	3.8	0.685	ug/L	1.1752	0.685	ug/L	1.1752	171.44%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	2.8	1.28	ug/L	0.800	1.28	ug/L	0.800	62.72%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	0.1	1.41	ug/L	3.565	1.41	ug/L	3.565	253.42%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	5.8	-2.09	ug/L	1.178	-2.09	ug/L	1.178	56.28%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	103.7	0.155	ug/L	0.0332	0.155	ug/L	0.0332	21.48%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	79.9	0.086	ug/L	0.1202	0.086	ug/L	0.1202	139.27%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-1.6	-1.28	ug/L	2.028	-1.28	ug/L	2.028	157.83%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	5.9	0.237	ug/L	0.0515	0.237	ug/L	0.0515	21.71%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	1.6	-0.191	ug/L	0.1651	-0.191	ug/L	0.1651	86.66%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 44 **Autosampler Location: 68**
Sample ID: 350760007 **Date Collected: 11/21/2012 5:04:36 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350760007

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	234766.6	105	%	0.1				0.13%
Sc 361.383	2560964.0	103	%	0.1				0.14%
Ag 328.068†	-6880.8	4.38	ug/L	0.215	4.38	ug/L	0.215	4.90%
Al 308.215†	154728.1	89000	ug/L	357.8	89000	ug/L	357.8	0.40%
As 188.979†	353.0	226	ug/L	0.4	226	ug/L	0.4	0.18%
Ba 233.527†	420593.9	2430	ug/L	7.0	2430	ug/L	7.0	0.29%
Be 234.861†	-2465.4	5.66	ug/L	2.312	5.66	ug/L	2.312	40.83%
Ca 315.887†	455918.1	74600	ug/L	552.7	74600	ug/L	552.7	0.74%
Cd 226.502†	588.2	8.88	ug/L	0.493	8.88	ug/L	0.493	5.55%
Co 228.616†	3264.8	72.6	ug/L	0.67	72.6	ug/L	0.67	0.92%
Cr 267.716†	17373.3	343	ug/L	0.6	343	ug/L	0.6	0.18%
Cu 324.752†	355350.0	979	ug/L	8.3	979	ug/L	8.3	0.85%
Fe 259.939†	3812547.8	300000	ug/L	2287.4	300000	ug/L	2287.4	0.76%
K 766.490†	40209.9	8320	ug/L	47.0	8320	ug/L	47.0	0.57%
Mg 279.077†	124287.5	10400	ug/L	38.5	10400	ug/L	38.5	0.37%
Mn 257.610†	4827308.2	5950	ug/L	24.2	5950	ug/L	24.2	0.41%
Mo 202.031†	58.8	22.1	ug/L	0.80	22.1	ug/L	0.80	3.65%
Na 589.592†	14470.2	1390	ug/L	16.9	1390	ug/L	16.9	1.21%
Ni 231.604†	3259.1	178	ug/L	0.3	178	ug/L	0.3	0.14%
Pb 220.353†	9359.8	2950	ug/L	17.8	2950	ug/L	17.8	0.60%
Sb 206.836†	78.4	8.82	ug/L	0.722	8.82	ug/L	0.722	8.19%
Se 196.026†	-195.8	11.3	ug/L	6.73	11.3	ug/L	6.73	59.80%
Sn 189.927†	283.7	105	ug/L	3.4	105	ug/L	3.4	3.29%
Sr 421.552†	363782.8	571	ug/L	4.8	571	ug/L	4.8	0.83%
Ti 334.940†	1122025.4	1770	ug/L	18.8	1770	ug/L	18.8	1.06%
Tl 190.801†	-40.3	-5.54	ug/L	0.661	-5.54	ug/L	0.661	11.94%
V 292.402†	19109.4	292	ug/L	3.3	292	ug/L	3.3	1.11%
Zn 206.200†	135719.0	6110	ug/L	49.9	6110	ug/L	49.9	0.82%

Sequence No.: 45 **Autosampler Location: 69**
Sample ID: 350760007L **Date Collected: 11/21/2012 5:09:59 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 350760007L

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	228758.8	102	%	1.4				1.38%
Sc 361.383	2576300.5	103	%	1.4				1.32%
Ag 328.068†	-1387.4	2.28	ug/L	0.355	11.4	ug/L	1.78	15.60%
Al 308.215†	31797.2	18300	ug/L	205.4	91500	ug/L	1026.8	1.12%
As 188.979†	72.6	47.3	ug/L	0.51	236	ug/L	2.5	1.07%
Ba 233.527†	89007.7	514	ug/L	6.7	2570	ug/L	33.6	1.31%
Be 234.861†	-499.1	1.58	ug/L	0.257	7.89	ug/L	1.285	16.29%
Ca 315.887†	96796.9	15800	ug/L	140.8	79100	ug/L	703.9	0.89%
Cd 226.502†	131.0	1.53	ug/L	0.191	7.66	ug/L	0.953	12.44%
Co 228.616†	703.6	15.4	ug/L	0.37	77.0	ug/L	1.87	2.43%
Cr 267.716†	3647.0	72.1	ug/L	0.86	360	ug/L	4.3	1.19%
Cu 324.752†	69850.5	193	ug/L	3.6	963	ug/L	17.8	1.85%
Fe 259.939†	881075.7	69400	ug/L	1139.6	347000	ug/L	5698.2	1.64%
K 766.490†	8403.7	1720	ug/L	13.6	8610	ug/L	68.0	0.79%
Mg 279.077†	27618.0	2320	ug/L	26.2	11600	ug/L	131.1	1.13%
Mn 257.610†	1041399.9	1280	ug/L	9.4	6420	ug/L	47.0	0.73%
Mo 202.031†	8.7	4.51	ug/L	0.373	22.6	ug/L	1.87	8.27%
Na 589.592†	3084.0	299	ug/L	9.5	1490	ug/L	47.7	3.19%
Ni 231.604†	693.2	37.5	ug/L	0.58	187	ug/L	2.9	1.53%
Pb 220.353†	2046.2	643	ug/L	8.3	3220	ug/L	41.7	1.30%
Sb 206.836†	18.6	2.48	ug/L	1.360	12.4	ug/L	6.80	54.91%
Se 196.026†	-42.5	5.97	ug/L	6.159	29.9	ug/L	30.80	103.10%
Sn 189.927†	55.6	17.2	ug/L	0.86	85.8	ug/L	4.32	5.04%
Sr 421.552†	77216.0	121	ug/L	0.6	606	ug/L	3.2	0.53%
Ti 334.940†	228198.4	360	ug/L	3.3	1800	ug/L	16.3	0.91%
Tl 190.801†	-8.9	-1.30	ug/L	1.698	-6.49	ug/L	8.490	130.80%
V 292.402†	3870.8	58.8	ug/L	0.79	294	ug/L	4.0	1.34%
Zn 206.200†	28967.8	1300	ug/L	17.4	6520	ug/L	87.1	1.34%

Sequence No.: 46 **Autosampler Location: 70**
Sample ID: 154334MS **Date Collected: 11/21/2012 5:15:17 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154334MS

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	227533.2	101	%	1.1				1.05%
Sc 361.383	2438178.0	97.8	%	1.29				1.32%
Ag 328.068†	21227.3	207	ug/L	4.7	207	ug/L	4.7	2.28%
Al 308.215†	294544.6	170000	ug/L	972.7	170000	ug/L	972.7	0.57%
As 188.979†	1253.8	780	ug/L	10.2	780	ug/L	10.2	1.31%
Ba 233.527†	767111.7	4430	ug/L	93.0	4430	ug/L	93.0	2.10%
Be 234.861†	145775.9	522	ug/L	8.2	522	ug/L	8.2	1.57%
Ca 315.887†	861733.8	141000	ug/L	515.4	141000	ug/L	515.4	0.37%
Cd 226.502†	7273.4	470	ug/L	5.8	470	ug/L	5.8	1.23%
Co 228.616†	22467.6	564	ug/L	9.8	564	ug/L	9.8	1.73%
Cr 267.716†	41465.7	816	ug/L	15.9	816	ug/L	15.9	1.95%
Cu 324.752†	578031.3	1600	ug/L	46.9	1600	ug/L	46.9	2.94%
Fe 259.939†	5513092.9	434000	ug/L	9442.9	434000	ug/L	9442.9	2.18%
K 766.490†	305945.6	63400	ug/L	412.6	63400	ug/L	412.6	0.65%
Mg 279.077†	707799.8	59400	ug/L	863.2	59400	ug/L	863.2	1.45%
Mn 257.610†	6470272.6	7970	ug/L	13.4	7970	ug/L	13.4	0.17%
Mo 202.031†	3301.7	520	ug/L	7.4	520	ug/L	7.4	1.43%
Na 589.592†	560217.6	53700	ug/L	603.8	53700	ug/L	603.8	1.12%
Ni 231.604†	12850.3	704	ug/L	11.4	704	ug/L	11.4	1.62%
Pb 220.353†	13375.2	4210	ug/L	68.9	4210	ug/L	68.9	1.63%
Sb 206.836†	1071.0	311	ug/L	7.8	311	ug/L	7.8	2.50%
Se 196.026†	264.0	504	ug/L	8.2	504	ug/L	8.2	1.64%
Sn 189.927†	1699.2	602	ug/L	10.2	602	ug/L	10.2	1.70%
Sr 421.552†	813046.1	1280	ug/L	8.0	1280	ug/L	8.0	0.63%
Ti 334.940†	1596645.7	2520	ug/L	21.2	2520	ug/L	21.2	0.84%
Tl 190.801†	631.3	427	ug/L	5.6	427	ug/L	5.6	1.31%
V 292.402†	57011.9	897	ug/L	29.5	897	ug/L	29.5	3.29%
Zn 206.200†	169706.9	7650	ug/L	229.1	7650	ug/L	229.1	3.00%

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Sequence No.: 47 **Autosampler Location: 71**
Sample ID: 154335MSD **Date Collected: 11/21/2012 5:20:42 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154335MSD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	225652.8	100	%	0.4				0.39%
Sc 361.383	2458532.8	98.6	%	0.58				0.59%
Ag 328.068†	20248.9	208	ug/L	4.0	208	ug/L	4.0	1.93%
Al 308.215†	283563.7	163000	ug/L	787.0	163000	ug/L	787.0	0.48%
As 188.979†	1315.6	819	ug/L	3.1	819	ug/L	3.1	0.37%
Ba 233.527†	796241.3	4600	ug/L	37.1	4600	ug/L	37.1	0.81%
Be 234.861†	144280.4	519	ug/L	4.9	519	ug/L	4.9	0.94%
Ca 315.887†	873976.9	143000	ug/L	627.7	143000	ug/L	627.7	0.44%
Cd 226.502†	7318.3	468	ug/L	4.3	468	ug/L	4.3	0.93%
Co 228.616†	22452.3	562	ug/L	3.3	562	ug/L	3.3	0.59%
Cr 267.716†	45061.7	887	ug/L	6.9	887	ug/L	6.9	0.78%
Cu 324.752†	570957.7	1580	ug/L	17.8	1580	ug/L	17.8	1.13%
Fe 259.939†	6102828.2	481000	ug/L	4419.8	481000	ug/L	4419.8	0.92%
K 766.490†	301514.4	62500	ug/L	300.2	62500	ug/L	300.2	0.48%
Mg 279.077†	698773.7	58600	ug/L	963.2	58600	ug/L	963.2	1.64%
Mn 257.610†	6203723.1	7640	ug/L	47.5	7640	ug/L	47.5	0.62%
Mo 202.031†	3273.5	518	ug/L	5.1	518	ug/L	5.1	0.99%
Na 589.592†	553179.0	53000	ug/L	133.1	53000	ug/L	133.1	0.25%
Ni 231.604†	12671.8	694	ug/L	5.9	694	ug/L	5.9	0.85%
Pb 220.353†	11810.0	3720	ug/L	19.7	3720	ug/L	19.7	0.53%
Sb 206.836†	1093.1	315	ug/L	2.9	315	ug/L	2.9	0.92%
Se 196.026†	227.1	499	ug/L	10.9	499	ug/L	10.9	2.19%
Sn 189.927†	1678.3	594	ug/L	7.2	594	ug/L	7.2	1.21%
Sr 421.552†	843795.4	1330	ug/L	8.3	1330	ug/L	8.3	0.62%
Ti 334.940†	1665184.6	2620	ug/L	41.3	2620	ug/L	41.3	1.57%
Tl 190.801†	607.7	415	ug/L	3.8	415	ug/L	3.8	0.92%
V 292.402†	56815.4	891	ug/L	21.3	891	ug/L	21.3	2.39%
Zn 206.200†	172432.7	7770	ug/L	81.9	7770	ug/L	81.9	1.05%

Sequence No.: 48 **Autosampler Location: 72**
Sample ID: 350760007A **Date Collected: 11/21/2012 5:26:07 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350760007A

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	227504.3	101	%	1.0				0.97%
Sc 361.383	2454169.8	98.5	%	0.74				0.76%
Ag 328.068†	24356.7	212	ug/L	4.7	212	ug/L	4.7	2.24%
Al 308.215†	238886.5	137000	ug/L	112.3	137000	ug/L	112.3	0.08%
As 188.979†	1173.1	728	ug/L	9.3	728	ug/L	9.3	1.27%
Ba 233.527†	657394.7	3800	ug/L	69.0	3800	ug/L	69.0	1.82%
Be 234.861†	149417.7	530	ug/L	14.3	530	ug/L	14.3	2.69%
Ca 315.887†	745208.3	122000	ug/L	296.0	122000	ug/L	296.0	0.24%
Cd 226.502†	7160.7	472	ug/L	8.8	472	ug/L	8.8	1.87%
Co 228.616†	21643.5	546	ug/L	8.0	546	ug/L	8.0	1.47%
Cr 267.716†	41942.5	824	ug/L	14.2	824	ug/L	14.2	1.72%
Cu 324.752†	524015.9	1450	ug/L	34.1	1450	ug/L	34.1	2.36%
Fe 259.939†	4322789.6	340000	ug/L	705.5	340000	ug/L	705.5	0.21%
K 766.490†	289998.7	60100	ug/L	271.6	60100	ug/L	271.6	0.45%
Mg 279.077†	663035.3	55600	ug/L	1377.5	55600	ug/L	1377.5	2.48%
Mn 257.610†	5069045.1	6250	ug/L	47.2	6250	ug/L	47.2	0.76%
Mo 202.031†	3328.4	520	ug/L	6.7	520	ug/L	6.7	1.30%
Na 589.592†	540532.7	51800	ug/L	273.4	51800	ug/L	273.4	0.53%
Ni 231.604†	12073.5	662	ug/L	10.4	662	ug/L	10.4	1.58%
Pb 220.353†	10575.9	3330	ug/L	41.1	3330	ug/L	41.1	1.23%
Sb 206.836†	1610.7	485	ug/L	4.9	485	ug/L	4.9	1.01%
Se 196.026†	362.3	534	ug/L	8.5	534	ug/L	8.5	1.59%
Sn 189.927†	1723.2	609	ug/L	4.1	609	ug/L	4.1	0.68%
Sr 421.552†	677781.9	1060	ug/L	9.0	1060	ug/L	9.0	0.84%
Ti 334.940†	1422552.6	2240	ug/L	38.0	2240	ug/L	38.0	1.70%
Tl 190.801†	688.9	458	ug/L	9.8	458	ug/L	9.8	2.15%
V 292.402†	49529.2	782	ug/L	25.3	782	ug/L	25.3	3.24%
Zn 206.200†	140365.4	6320	ug/L	152.1	6320	ug/L	152.1	2.40%

Sequence No.: 49 **Autosampler Location: 73**
Sample ID: 350760008 **Date Collected: 11/21/2012 5:31:25 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350760008

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	232147.1	103	%	0.7				0.64%
Sc 361.383	2551438.8	102	%	0.9				0.89%
Ag 328.068†	-11167.4	4.28	ug/L	0.834	4.28	ug/L	0.834	19.51%
Al 308.215†	192206.8	111000	ug/L	249.1	111000	ug/L	249.1	0.23%
As 188.979†	319.7	212	ug/L	3.5	212	ug/L	3.5	1.64%
Ba 233.527†	263505.8	1520	ug/L	11.7	1520	ug/L	11.7	0.77%
Be 234.861†	-1395.3	17.3	ug/L	3.22	17.3	ug/L	3.22	18.59%
Ca 315.887†	345464.1	56500	ug/L	451.2	56500	ug/L	451.2	0.80%
Cd 226.502†	695.3	-1.97	ug/L	0.612	-1.97	ug/L	0.612	31.16%
Co 228.616†	6527.2	152	ug/L	1.7	152	ug/L	1.7	1.11%
Cr 267.716†	25578.8	505	ug/L	4.1	505	ug/L	4.1	0.81%
Cu 324.752†	96285.3	233	ug/L	4.8	233	ug/L	4.8	2.08%
Fe 259.939†	5963662.1	470000	ug/L	7157.3	470000	ug/L	7157.3	1.52%
K 766.490†	42980.9	8890	ug/L	45.2	8890	ug/L	45.2	0.51%
Mg 279.077†	145069.7	12300	ug/L	112.8	12300	ug/L	112.8	0.92%
Mn 257.610†	17420373.2	21500	ug/L	225.3	21500	ug/L	225.3	1.05%
Mo 202.031†	8.5	21.7	ug/L	0.90	21.7	ug/L	0.90	4.13%
Na 589.592†	4837.6	467	ug/L	7.6	467	ug/L	7.6	1.63%
Ni 231.604†	2706.4	147	ug/L	0.4	147	ug/L	0.4	0.28%
Pb 220.353†	3182.8	983	ug/L	11.5	983	ug/L	11.5	1.17%
Sb 206.836†	46.2	-12.1	ug/L	1.26	-12.1	ug/L	1.26	10.47%
Se 196.026†	-310.5	8.32	ug/L	1.583	8.32	ug/L	1.583	19.02%
Sn 189.927†	94.5	33.6	ug/L	3.54	33.6	ug/L	3.54	10.52%
Sr 421.552†	125912.8	198	ug/L	0.8	198	ug/L	0.8	0.39%
Ti 334.940†	1090785.6	1720	ug/L	40.2	1720	ug/L	40.2	2.34%
Tl 190.801†	-40.9	3.24	ug/L	5.753	3.24	ug/L	5.753	177.66%
V 292.402†	37943.6	587	ug/L	16.7	587	ug/L	16.7	2.84%
Zn 206.200†	64210.0	2890	ug/L	55.7	2890	ug/L	55.7	1.93%

Sequence No.: 50 **Autosampler Location: 74**
Sample ID: 350760011 **Date Collected: 11/21/2012 5:36:51 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350760011

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	233646.2	104	%	0.5				0.49%
Sc 361.383	2543455.8	102	%	2.0				1.92%
Ag 328.068†	-9578.4	2.97	ug/L	1.018	2.97	ug/L	1.018	34.26%
Al 308.215†	200930.3	116000	ug/L	765.6	116000	ug/L	765.6	0.66%
As 188.979†	220.5	152	ug/L	3.3	152	ug/L	3.3	2.17%
Ba 233.527†	182924.4	1060	ug/L	10.1	1060	ug/L	10.1	0.95%
Be 234.861†	-2580.4	9.89	ug/L	3.764	9.89	ug/L	3.764	38.07%
Ca 315.887†	351341.9	57500	ug/L	234.1	57500	ug/L	234.1	0.41%
Cd 226.502†	582.4	-2.25	ug/L	0.966	-2.25	ug/L	0.966	42.98%
Co 228.616†	5616.0	131	ug/L	2.5	131	ug/L	2.5	1.89%
Cr 267.716†	39238.0	772	ug/L	8.8	772	ug/L	8.8	1.14%
Cu 324.752†	66463.8	160	ug/L	1.5	160	ug/L	1.5	0.97%
Fe 259.939†	5061072.4	398000	ug/L	716.3	398000	ug/L	716.3	0.18%
K 766.490†	41042.5	8490	ug/L	28.2	8490	ug/L	28.2	0.33%
Mg 279.077†	315313.0	26500	ug/L	265.6	26500	ug/L	265.6	1.00%
Mn 257.610†	12720576.5	15700	ug/L	246.1	15700	ug/L	246.1	1.57%
Mo 202.031†	-10.9	15.7	ug/L	0.99	15.7	ug/L	0.99	6.34%
Na 589.592†	3379.2	327	ug/L	5.3	327	ug/L	5.3	1.61%
Ni 231.604†	2395.0	130	ug/L	2.6	130	ug/L	2.6	2.03%
Pb 220.353†	3502.9	1090	ug/L	16.8	1090	ug/L	16.8	1.54%
Sb 206.836†	40.7	-12.2	ug/L	2.49	-12.2	ug/L	2.49	20.49%
Se 196.026†	-260.5	10.9	ug/L	6.36	10.9	ug/L	6.36	58.53%
Sn 189.927†	184.5	66.2	ug/L	3.02	66.2	ug/L	3.02	4.56%
Sr 421.552†	85938.2	135	ug/L	1.1	135	ug/L	1.1	0.82%
Ti 334.940†	1095715.7	1730	ug/L	34.0	1730	ug/L	34.0	1.97%
Tl 190.801†	-39.4	-0.304	ug/L	4.2636	-0.304	ug/L	4.2636	>999.9%
V 292.402†	41064.9	642	ug/L	6.2	642	ug/L	6.2	0.97%
Zn 206.200†	42225.6	1900	ug/L	16.1	1900	ug/L	16.1	0.84%

Sequence No.: 51 **Autosampler Location: 75**
Sample ID: 350760106 **Date Collected: 11/21/2012 5:42:21 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350760106

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231434.1	103	%	1.0				0.99%
Sc 361.383	2556343.9	103	%	1.0				1.01%
Ag 328.068†	-2926.7	4.46	ug/L	0.747	4.46	ug/L	0.747	16.75%
Al 308.215†	87383.2	50300	ug/L	195.9	50300	ug/L	195.9	0.39%
As 188.979†	240.9	152	ug/L	3.3	152	ug/L	3.3	2.16%
Ba 233.527†	255810.3	1480	ug/L	21.3	1480	ug/L	21.3	1.44%
Be 234.861†	-864.9	3.82	ug/L	1.396	3.82	ug/L	1.396	36.52%
Ca 315.887†	560513.2	91700	ug/L	773.2	91700	ug/L	773.2	0.84%
Cd 226.502†	250.2	1.88	ug/L	0.476	1.88	ug/L	0.476	25.26%
Co 228.616†	3720.6	90.2	ug/L	0.71	90.2	ug/L	0.71	0.79%
Cr 267.716†	7710.8	152	ug/L	1.9	152	ug/L	1.9	1.23%
Cu 324.752†	75988.5	189	ug/L	7.1	189	ug/L	7.1	3.75%
Fe 259.939†	1827619.9	144000	ug/L	1310.3	144000	ug/L	1310.3	0.91%
K 766.490†	35799.4	7400	ug/L	39.7	7400	ug/L	39.7	0.54%
Mg 279.077†	156574.4	13200	ug/L	83.6	13200	ug/L	83.6	0.63%
Mn 257.610†	11457028.5	14100	ug/L	148.3	14100	ug/L	148.3	1.05%
Mo 202.031†	28.0	10.7	ug/L	0.65	10.7	ug/L	0.65	6.07%
Na 589.592†	4093.3	395	ug/L	2.1	395	ug/L	2.1	0.53%
Ni 231.604†	1001.4	54.3	ug/L	1.15	54.3	ug/L	1.15	2.11%
Pb 220.353†	977.8	303	ug/L	2.7	303	ug/L	2.7	0.89%
Sb 206.836†	19.4	-0.928	ug/L	1.1152	-0.928	ug/L	1.1152	120.23%
Se 196.026†	-85.9	17.7	ug/L	3.70	17.7	ug/L	3.70	20.88%
Sn 189.927†	34.6	19.5	ug/L	0.68	19.5	ug/L	0.68	3.46%
Sr 421.552†	354446.6	557	ug/L	2.1	557	ug/L	2.1	0.38%
Ti 334.940†	627091.4	988	ug/L	13.5	988	ug/L	13.5	1.36%
Tl 190.801†	4.1	11.7	ug/L	0.73	11.7	ug/L	0.73	6.21%
V 292.402†	14948.1	234	ug/L	10.0	234	ug/L	10.0	4.29%
Zn 206.200†	27837.4	1250	ug/L	35.0	1250	ug/L	35.0	2.79%

Sequence No.: 52 **Autosampler Location: 76**
Sample ID: 350760106L **Date Collected: 11/21/2012 5:47:50 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 350760106L

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	228689.4	102	%	2.1				2.10%
Sc 361.383	2529940.2	101	%	1.3				1.31%
Ag 328.068†	-628.2	0.848	ug/L	0.2470	4.24	ug/L	1.235	29.12%
Al 308.215†	17638.4	10200	ug/L	58.9	50800	ug/L	294.7	0.58%
As 188.979†	51.6	33.1	ug/L	0.59	165	ug/L	3.0	1.79%
Ba 233.527†	54012.8	312	ug/L	3.3	1560	ug/L	16.7	1.07%
Be 234.861†	-262.4	0.563	ug/L	0.2933	2.81	ug/L	1.466	52.09%
Ca 315.887†	114905.0	18800	ug/L	103.5	93900	ug/L	517.5	0.55%
Cd 226.502†	54.4	0.334	ug/L	0.1259	1.67	ug/L	0.629	37.73%
Co 228.616†	782.7	18.8	ug/L	0.24	94.2	ug/L	1.20	1.27%
Cr 267.716†	1609.3	31.8	ug/L	0.44	159	ug/L	2.2	1.38%
Cu 324.752†	15387.1	38.2	ug/L	0.73	191	ug/L	3.7	1.92%
Fe 259.939†	386762.1	30500	ug/L	191.8	152000	ug/L	959.1	0.63%
K 766.490†	7315.8	1500	ug/L	6.2	7480	ug/L	31.1	0.42%
Mg 279.077†	33592.3	2830	ug/L	64.0	14200	ug/L	320.1	2.26%
Mn 257.610†	2507547.3	3090	ug/L	19.4	15500	ug/L	97.2	0.63%
Mo 202.031†	6.0	2.44	ug/L	0.195	12.2	ug/L	0.97	7.99%
Na 589.592†	962.0	95.5	ug/L	6.46	477	ug/L	32.3	6.77%
Ni 231.604†	207.6	10.9	ug/L	0.09	54.6	ug/L	0.45	0.83%
Pb 220.353†	209.9	64.6	ug/L	1.09	323	ug/L	5.4	1.68%
Sb 206.836†	4.5	0.231	ug/L	0.8000	1.16	ug/L	4.000	346.00%
Se 196.026†	-26.3	-2.42	ug/L	2.609	-12.1	ug/L	13.04	107.82%
Sn 189.927†	-1.8	-2.35	ug/L	0.939	-11.7	ug/L	4.70	39.98%
Sr 421.552†	72317.7	114	ug/L	0.6	568	ug/L	3.2	0.56%
Ti 334.940†	128551.0	203	ug/L	3.5	1010	ug/L	17.4	1.72%
Tl 190.801†	3.0	3.63	ug/L	0.996	18.2	ug/L	4.98	27.44%
V 292.402†	3097.6	48.5	ug/L	0.60	242	ug/L	3.0	1.24%
Zn 206.200†	6032.5	271	ug/L	3.3	1360	ug/L	16.6	1.22%

Sequence No.: 53 **Autosampler Location: 77**
Sample ID: 350760107 **Date Collected: 11/21/2012 5:53:05 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350760107

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231515.8	103	%	1.3				1.29%
Sc 361.383	2519492.6	101	%	0.7				0.73%
Ag 328.068†	-5329.2	5.89	ug/L	0.438	5.89	ug/L	0.438	7.43%
Al 308.215†	163069.6	93800	ug/L	169.2	93800	ug/L	169.2	0.18%
As 188.979†	305.1	195	ug/L	1.3	195	ug/L	1.3	0.66%
Ba 233.527†	434445.3	2510	ug/L	10.9	2510	ug/L	10.9	0.43%
Be 234.861†	-1215.4	7.51	ug/L	1.466	7.51	ug/L	1.466	19.53%
Ca 315.887†	541692.0	88600	ug/L	182.5	88600	ug/L	182.5	0.21%
Cd 226.502†	561.4	12.7	ug/L	0.18	12.7	ug/L	0.18	1.40%
Co 228.616†	2955.0	65.9	ug/L	0.28	65.9	ug/L	0.28	0.43%
Cr 267.716†	13180.9	260	ug/L	1.1	260	ug/L	1.1	0.42%
Cu 324.752†	346641.6	955	ug/L	5.4	955	ug/L	5.4	0.57%
Fe 259.939†	3149701.9	248000	ug/L	3886.9	248000	ug/L	3886.9	1.57%
K 766.490†	46086.4	9530	ug/L	49.6	9530	ug/L	49.6	0.52%
Mg 279.077†	158234.0	13300	ug/L	90.6	13300	ug/L	90.6	0.68%
Mn 257.610†	5051874.1	6230	ug/L	30.5	6230	ug/L	30.5	0.49%
Mo 202.031†	67.5	21.1	ug/L	1.01	21.1	ug/L	1.01	4.78%
Na 589.592†	24386.6	2340	ug/L	32.9	2340	ug/L	32.9	1.41%
Ni 231.604†	3041.4	166	ug/L	0.3	166	ug/L	0.3	0.20%
Pb 220.353†	10492.5	3310	ug/L	20.7	3310	ug/L	20.7	0.63%
Sb 206.836†	76.4	11.8	ug/L	1.78	11.8	ug/L	1.78	15.00%
Se 196.026†	-153.1	19.4	ug/L	2.95	19.4	ug/L	2.95	15.21%
Sn 189.927†	1068.4	378	ug/L	4.3	378	ug/L	4.3	1.14%
Sr 421.552†	417971.0	656	ug/L	7.8	656	ug/L	7.8	1.19%
Ti 334.940†	1152026.4	1820	ug/L	12.2	1820	ug/L	12.2	0.67%
Tl 190.801†	-28.8	-1.29	ug/L	4.921	-1.29	ug/L	4.921	381.53%
V 292.402†	17545.8	270	ug/L	2.5	270	ug/L	2.5	0.93%
Zn 206.200†	154381.4	6960	ug/L	15.9	6960	ug/L	15.9	0.23%

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Sequence No.: 54 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/21/2012 5:58:28 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	224381.5	99.9	%	0.84				0.84%
Sc 361.383	2464036.2	98.8	%	0.33				0.34%
Ag 328.068†	80040.4	521	ug/L	4.7	521	ug/L	4.7	0.91%
QC value within limits for Ag 328.068 Recovery = 104.12%								
Al 308.215†	42699.8	24600	ug/L	159.3	24600	ug/L	159.3	0.65%
QC value within limits for Al 308.215 Recovery = 98.32%								
As 188.979†	826.1	506	ug/L	4.1	506	ug/L	4.1	0.80%
QC value within limits for As 188.979 Recovery = 101.24%								
Ba 233.527†	87777.8	507	ug/L	6.5	507	ug/L	6.5	1.28%
QC value within limits for Ba 233.527 Recovery = 101.43%								
Be 234.861†	152891.8	528	ug/L	14.4	528	ug/L	14.4	2.73%
QC value within limits for Be 234.861 Recovery = 105.57%								
Ca 315.887†	146300.2	23900	ug/L	127.8	23900	ug/L	127.8	0.53%
QC value within limits for Ca 315.887 Recovery = 95.69%								
Cd 226.502†	6939.2	489	ug/L	17.3	489	ug/L	17.3	3.53%
QC value within limits for Cd 226.502 Recovery = 97.76%								
Co 228.616†	19380.7	499	ug/L	8.8	499	ug/L	8.8	1.75%
QC value within limits for Co 228.616 Recovery = 99.86%								
Cr 267.716†	25891.5	507	ug/L	7.7	507	ug/L	7.7	1.52%
QC value within limits for Cr 267.716 Recovery = 101.42%								
Cu 324.752†	178145.5	495	ug/L	4.6	495	ug/L	4.6	0.93%
QC value within limits for Cu 324.752 Recovery = 98.95%								
Fe 259.939†	505022.6	39800	ug/L	127.3	39800	ug/L	127.3	0.32%
QC value within limits for Fe 259.939 Recovery = 99.41%								
K 766.490†	121973.6	25300	ug/L	257.2	25300	ug/L	257.2	1.02%
QC value within limits for K 766.490 Recovery = 101.08%								
Mg 279.077†	294022.8	24600	ug/L	325.7	24600	ug/L	325.7	1.32%
QC value within limits for Mg 279.077 Recovery = 98.57%								
Mn 257.610†	412900.4	509	ug/L	1.1	509	ug/L	1.1	0.22%
QC value within limits for Mn 257.610 Recovery = 101.70%								
Mo 202.031†	3351.9	511	ug/L	6.6	511	ug/L	6.6	1.29%
QC value within limits for Mo 202.031 Recovery = 102.14%								
Na 589.592†	262303.6	25100	ug/L	335.3	25100	ug/L	335.3	1.33%
QC value within limits for Na 589.592 Recovery = 100.54%								
Ni 231.604†	9613.2	528	ug/L	5.7	528	ug/L	5.7	1.07%
QC value within limits for Ni 231.604 Recovery = 105.52%								
Pb 220.353†	1585.4	500	ug/L	3.4	500	ug/L	3.4	0.69%
QC value within limits for Pb 220.353 Recovery = 100.07%								
Sb 206.836†	1535.7	478	ug/L	2.6	478	ug/L	2.6	0.54%
QC value within limits for Sb 206.836 Recovery = 95.56%								
Se 196.026†	551.3	516	ug/L	3.7	516	ug/L	3.7	0.71%
QC value within limits for Se 196.026 Recovery = 103.17%								
Sn 189.927†	1176.6	406	ug/L	1.2	406	ug/L	1.2	0.29%
QC value within limits for Sn 189.927 Recovery = 101.57%								
Sr 421.552†	248490.5	390	ug/L	4.8	390	ug/L	4.8	1.23%
QC value within limits for Sr 421.552 Recovery = 97.56%								
Ti 334.940†	262603.5	414	ug/L	7.2	414	ug/L	7.2	1.74%
QC value within limits for Ti 334.940 Recovery = 103.47%								
Tl 190.801†	784.6	498	ug/L	4.6	498	ug/L	4.6	0.92%
QC value within limits for Tl 190.801 Recovery = 99.68%								
V 292.402†	31979.2	515	ug/L	4.7	515	ug/L	4.7	0.90%
QC value within limits for V 292.402 Recovery = 103.00%								
Zn 206.200†	11675.8	527	ug/L	1.3	527	ug/L	1.3	0.25%
QC value within limits for Zn 206.200 Recovery = 105.43%								

All analyte(s) passed QC.

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Sequence No.: 55 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/21/2012 6:03:48 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	230029.8	102	%	1.2				1.18%
Sc 361.383	2497399.9	100	%	1.7				1.66%
Ag 328.068†	14.2	0.047	ug/L	0.1240	0.047	ug/L	0.1240	263.21%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	20.5	15.1	ug/L	3.21	15.1	ug/L	3.21	21.35%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	-1.7	-0.409	ug/L	1.8522	-0.409	ug/L	1.8522	452.97%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	41.2	0.210	ug/L	0.0620	0.210	ug/L	0.0620	29.50%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	21.7	0.111	ug/L	0.0402	0.111	ug/L	0.0402	36.36%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	101.9	14.9	ug/L	2.58	14.9	ug/L	2.58	17.31%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	1.4	-0.122	ug/L	0.3178	-0.122	ug/L	0.3178	259.86%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	-2.8	-0.254	ug/L	0.1247	-0.254	ug/L	0.1247	49.17%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	10.6	0.224	ug/L	0.1928	0.224	ug/L	0.1928	86.02%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	72.1	0.638	ug/L	0.3550	0.638	ug/L	0.3550	55.64%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	402.4	31.0	ug/L	2.61	31.0	ug/L	2.61	8.41%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	278.5	37.0	ug/L	16.68	37.0	ug/L	16.68	45.06%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	74.8	6.22	ug/L	1.229	6.22	ug/L	1.229	19.78%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	589.7	0.557	ug/L	0.0290	0.557	ug/L	0.0290	5.20%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-0.0	0.209	ug/L	0.5189	0.209	ug/L	0.5189	248.21%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	125.9	15.4	ug/L	5.23	15.4	ug/L	5.23	34.05%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-2.9	-0.565	ug/L	0.3000	-0.565	ug/L	0.3000	53.09%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	3.1	0.467	ug/L	1.1450	0.467	ug/L	1.1450	245.24%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-1.6	-0.095	ug/L	1.1842	-0.095	ug/L	1.1842	>999.9%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	0.4	1.72	ug/L	3.690	1.72	ug/L	3.690	215.09%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	1.1	-3.72	ug/L	1.060	-3.72	ug/L	1.060	28.49%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	89.9	0.133	ug/L	0.0265	0.133	ug/L	0.0265	19.93%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	117.1	0.145	ug/L	0.0342	0.145	ug/L	0.0342	23.57%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	0.5	0.045	ug/L	2.2994	0.045	ug/L	2.2994	>999.9%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	4.7	0.218	ug/L	0.1014	0.218	ug/L	0.1014	46.45%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	12.1	0.281	ug/L	0.1977	0.281	ug/L	0.1977	70.38%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 56 **Autosampler Location: 78**
Sample ID: 350760108 **Date Collected: 11/21/2012 6:09:57 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350760108

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	233488.1	104	%	0.5				0.49%
Sc 361.383	2541655.1	102	%	1.4				1.34%
Ag 328.068†	-10679.9	2.83	ug/L	0.972	2.83	ug/L	0.972	34.37%
Al 308.215†	181193.1	104000	ug/L	406.4	104000	ug/L	406.4	0.39%
As 188.979†	257.0	175	ug/L	0.7	175	ug/L	0.7	0.38%
Ba 233.527†	167185.0	967	ug/L	13.0	967	ug/L	13.0	1.34%
Be 234.861†	-3732.0	7.94	ug/L	3.263	7.94	ug/L	3.263	41.11%
Ca 315.887†	426238.3	69700	ug/L	538.6	69700	ug/L	538.6	0.77%
Cd 226.502†	642.3	-2.65	ug/L	0.384	-2.65	ug/L	0.384	14.49%
Co 228.616†	5870.2	137	ug/L	1.6	137	ug/L	1.6	1.15%
Cr 267.716†	35683.3	703	ug/L	7.6	703	ug/L	7.6	1.09%
Cu 324.752†	64152.5	155	ug/L	3.4	155	ug/L	3.4	2.19%
Fe 259.939†	5604710.7	441000	ug/L	2619.4	441000	ug/L	2619.4	0.59%
K 766.490†	37811.6	7820	ug/L	30.5	7820	ug/L	30.5	0.39%
Mg 279.077†	347065.7	29200	ug/L	406.9	29200	ug/L	406.9	1.40%
Mn 257.610†	11785901.8	14500	ug/L	276.0	14500	ug/L	276.0	1.90%
Mo 202.031†	-15.7	16.8	ug/L	0.70	16.8	ug/L	0.70	4.13%
Na 589.592†	2660.4	258	ug/L	2.9	258	ug/L	2.9	1.12%
Ni 231.604†	1850.5	100	ug/L	1.7	100	ug/L	1.7	1.69%
Pb 220.353†	3104.0	960	ug/L	10.6	960	ug/L	10.6	1.10%
Sb 206.836†	41.7	-14.3	ug/L	1.32	-14.3	ug/L	1.32	9.27%
Se 196.026†	-299.4	2.63	ug/L	8.447	2.63	ug/L	8.447	321.03%
Sn 189.927†	422.4	147	ug/L	0.7	147	ug/L	0.7	0.46%
Sr 421.552†	81789.2	128	ug/L	0.3	128	ug/L	0.3	0.27%
Ti 334.940†	854937.2	1350	ug/L	26.3	1350	ug/L	26.3	1.95%
Tl 190.801†	-46.7	-2.86	ug/L	1.724	-2.86	ug/L	1.724	60.32%
V 292.402†	38952.2	605	ug/L	10.8	605	ug/L	10.8	1.78%
Zn 206.200†	45535.8	2050	ug/L	37.0	2050	ug/L	37.0	1.80%

Sequence No.: 57 **Autosampler Location: 79**
Sample ID: 350760109 **Date Collected: 11/21/2012 6:15:25 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350760109

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	230372.6	103	%	0.1				0.08%
Sc 361.383	2540098.2	102	%	1.1				1.06%
Ag 328.068†	-2442.6	2.53	ug/L	0.251	2.53	ug/L	0.251	9.91%
Al 308.215†	72443.1	41700	ug/L	72.8	41700	ug/L	72.8	0.17%
As 188.979†	82.6	54.9	ug/L	2.12	54.9	ug/L	2.12	3.86%
Ba 233.527†	201383.5	1160	ug/L	19.8	1160	ug/L	19.8	1.70%
Be 234.861†	-1151.3	1.37	ug/L	0.604	1.37	ug/L	0.604	43.97%
Ca 315.887†	545076.6	89100	ug/L	1109.2	89100	ug/L	1109.2	1.24%
Cd 226.502†	193.9	1.28	ug/L	0.496	1.28	ug/L	0.496	38.82%
Co 228.616†	1189.6	25.7	ug/L	0.59	25.7	ug/L	0.59	2.31%
Cr 267.716†	5361.9	106	ug/L	1.2	106	ug/L	1.2	1.09%
Cu 324.752†	70131.4	186	ug/L	2.0	186	ug/L	2.0	1.09%
Fe 259.939†	1432386.4	113000	ug/L	811.0	113000	ug/L	811.0	0.72%
K 766.490†	34781.3	7190	ug/L	35.8	7190	ug/L	35.8	0.50%
Mg 279.077†	162138.9	13600	ug/L	108.7	13600	ug/L	108.7	0.80%
Mn 257.610†	4629835.7	5710	ug/L	24.2	5710	ug/L	24.2	0.42%
Mo 202.031†	8.3	6.32	ug/L	0.186	6.32	ug/L	0.186	2.94%
Na 589.592†	3759.6	364	ug/L	3.2	364	ug/L	3.2	0.88%
Ni 231.604†	818.2	44.2	ug/L	0.29	44.2	ug/L	0.29	0.66%
Pb 220.353†	751.6	233	ug/L	5.1	233	ug/L	5.1	2.20%
Sb 206.836†	12.4	-1.11	ug/L	1.101	-1.11	ug/L	1.101	98.88%
Se 196.026†	-74.5	9.21	ug/L	4.205	9.21	ug/L	4.205	45.64%
Sn 189.927†	390.0	142	ug/L	1.4	142	ug/L	1.4	0.97%
Sr 421.552†	336250.6	528	ug/L	3.3	528	ug/L	3.3	0.62%
Ti 334.940†	601065.4	947	ug/L	18.6	947	ug/L	18.6	1.96%
Tl 190.801†	-14.0	-1.10	ug/L	3.488	-1.10	ug/L	3.488	316.12%
V 292.402†	8210.9	126	ug/L	0.3	126	ug/L	0.3	0.21%
Zn 206.200†	24627.5	1110	ug/L	11.8	1110	ug/L	11.8	1.07%

Sequence No.: 58 **Autosampler Location: 80**
Sample ID: 350760110 **Date Collected: 11/21/2012 6:20:45 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350760110

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	233435.8	104	%	0.4				0.36%
Sc 361.383	2546757.1	102	%	0.7				0.70%
Ag 328.068†	-5700.5	5.67	ug/L	0.827	5.67	ug/L	0.827	14.59%
Al 308.215†	147431.8	84800	ug/L	277.5	84800	ug/L	277.5	0.33%
As 188.979†	196.7	130	ug/L	0.7	130	ug/L	0.7	0.50%
Ba 233.527†	223128.3	1290	ug/L	13.0	1290	ug/L	13.0	1.01%
Be 234.861†	-1134.1	8.42	ug/L	2.016	8.42	ug/L	2.016	23.95%
Ca 315.887†	269886.7	44100	ug/L	157.0	44100	ug/L	157.0	0.36%
Cd 226.502†	410.2	0.456	ug/L	0.6794	0.456	ug/L	0.6794	148.93%
Co 228.616†	4913.7	117	ug/L	0.4	117	ug/L	0.4	0.37%
Cr 267.716†	17722.7	349	ug/L	4.1	349	ug/L	4.1	1.18%
Cu 324.752†	80818.0	194	ug/L	3.3	194	ug/L	3.3	1.70%
Fe 259.939†	3319694.9	261000	ug/L	1050.4	261000	ug/L	1050.4	0.40%
K 766.490†	34485.6	7130	ug/L	27.1	7130	ug/L	27.1	0.38%
Mg 279.077†	108663.9	9210	ug/L	95.4	9210	ug/L	95.4	1.04%
Mn 257.610†	15661144.5	19300	ug/L	121.8	19300	ug/L	121.8	0.63%
Mo 202.031†	11.3	13.2	ug/L	0.76	13.2	ug/L	0.76	5.78%
Na 589.592†	5046.2	487	ug/L	7.4	487	ug/L	7.4	1.52%
Ni 231.604†	1910.2	104	ug/L	1.8	104	ug/L	1.8	1.76%
Pb 220.353†	2761.8	862	ug/L	1.7	862	ug/L	1.7	0.20%
Sb 206.836†	30.2	-5.00	ug/L	0.547	-5.00	ug/L	0.547	10.94%
Se 196.026†	-160.4	17.3	ug/L	3.04	17.3	ug/L	3.04	17.58%
Sn 189.927†	146.2	52.6	ug/L	1.83	52.6	ug/L	1.83	3.48%
Sr 421.552†	100369.0	158	ug/L	1.6	158	ug/L	1.6	1.02%
Ti 334.940†	864072.4	1360	ug/L	13.8	1360	ug/L	13.8	1.01%
Tl 190.801†	-8.3	11.4	ug/L	2.78	11.4	ug/L	2.78	24.38%
V 292.402†	20651.3	319	ug/L	6.7	319	ug/L	6.7	2.09%
Zn 206.200†	55699.0	2510	ug/L	28.4	2510	ug/L	28.4	1.13%

Sequence No.: 59 **Autosampler Location: 81**
Sample ID: 350761602 **Date Collected: 11/21/2012 6:26:14 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350761602

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	203799.6	90.8	%	0.53				0.58%
Sc 361.383	2168796.8	87.0	%	0.69				0.80%
Ag 328.068†	-5535.6	-1.64	ug/L	0.182	-1.64	ug/L	0.182	11.10%
Al 308.215†	132334.1	76200	ug/L	242.6	76200	ug/L	242.6	0.32%
As 188.979†	261.4	168	ug/L	2.7	168	ug/L	2.7	1.59%
Ba 233.527†	288932.9	1670	ug/L	14.9	1670	ug/L	14.9	0.89%
Be 234.861†	-65.1	9.67	ug/L	2.155	9.67	ug/L	2.155	22.30%
Ca 315.887†	8498661.1	1390000	ug/L	22750.3	1390000	ug/L	22750.3	1.64%
Cd 226.502†	441.4	8.31	ug/L	1.471	8.31	ug/L	1.471	17.71%
Co 228.616†	2775.4	63.4	ug/L	0.43	63.4	ug/L	0.43	0.68%
Cr 267.716†	14224.3	280	ug/L	2.8	280	ug/L	2.8	1.00%
Cu 324.752†	182801.1	494	ug/L	14.7	494	ug/L	14.7	2.97%
Fe 259.939†	2663260.2	210000	ug/L	1728.4	210000	ug/L	1728.4	0.82%
K 766.490†	46283.3	9580	ug/L	55.6	9580	ug/L	55.6	0.58%
Mg 279.077†	8847522.0	742000	ug/L	3360.8	742000	ug/L	3360.8	0.45%
Mn 257.610†	7630751.6	9400	ug/L	53.6	9400	ug/L	53.6	0.57%
Mo 202.031†	33.5	14.3	ug/L	0.79	14.3	ug/L	0.79	5.49%
Na 589.592†	18680.5	1790	ug/L	26.7	1790	ug/L	26.7	1.49%
Ni 231.604†	1528.7	83.0	ug/L	0.38	83.0	ug/L	0.38	0.46%
Pb 220.353†	7620.0	2400	ug/L	35.3	2400	ug/L	35.3	1.47%
Sb 206.836†	88.8	16.7	ug/L	3.74	16.7	ug/L	3.74	22.40%
Se 196.026†	-153.4	102	ug/L	11.5	102	ug/L	11.5	11.31%
Sn 189.927†	85.4	174	ug/L	0.7	174	ug/L	0.7	0.38%
Sr 421.552†	406005.2	638	ug/L	10.3	638	ug/L	10.3	1.62%
Ti 334.940†	807633.7	1270	ug/L	33.0	1270	ug/L	33.0	2.59%
Tl 190.801†	-21.5	0.081	ug/L	5.1624	0.081	ug/L	5.1624	>999.9%
V 292.402†	17184.0	266	ug/L	1.3	266	ug/L	1.3	0.48%
Zn 206.200†	152820.1	6890	ug/L	174.2	6890	ug/L	174.2	2.53%

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Sequence No.: 60 **Autosampler Location: 82**
Sample ID: 350761602L **Date Collected: 11/21/2012 6:31:44 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 350761602L

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	217676.5	96.9	%	0.56				0.57%
Sc 361.383	2363895.4	94.8	%	0.42				0.45%
Ag 328.068†	-1134.7	-0.033	ug/L	0.1310	-0.166	ug/L	0.6549	394.45%
Al 308.215†	25493.0	14700	ug/L	130.7	73400	ug/L	653.5	0.89%
As 188.979†	58.6	38.0	ug/L	2.10	190	ug/L	10.5	5.53%
Ba 233.527†	61846.9	357	ug/L	4.6	1790	ug/L	23.1	1.29%
Be 234.861†	-121.5	1.74	ug/L	0.062	8.68	ug/L	0.311	3.58%
Ca 315.887†	1772112.5	290000	ug/L	4194.8	1450000	ug/L	20974.2	1.45%
Cd 226.502†	109.0	2.62	ug/L	0.116	13.1	ug/L	0.58	4.45%
Co 228.616†	615.3	14.0	ug/L	0.22	69.9	ug/L	1.09	1.56%
Cr 267.716†	3078.3	60.7	ug/L	0.22	304	ug/L	1.1	0.37%
Cu 324.752†	35365.0	95.4	ug/L	1.64	477	ug/L	8.2	1.72%
Fe 259.939†	572744.6	45100	ug/L	573.2	225000	ug/L	2866.2	1.27%
K 766.490†	8721.9	1790	ug/L	19.7	8940	ug/L	98.6	1.10%
Mg 279.077†	1968075.7	165000	ug/L	748.5	825000	ug/L	3742.3	0.45%
Mn 257.610†	1687745.9	2080	ug/L	17.5	10400	ug/L	87.4	0.84%
Mo 202.031†	-3.2	1.67	ug/L	0.727	8.37	ug/L	3.635	43.41%
Na 589.592†	3627.4	351	ug/L	5.1	1750	ug/L	25.6	1.46%
Ni 231.604†	337.2	18.0	ug/L	0.49	90.0	ug/L	2.45	2.73%
Pb 220.353†	1744.8	549	ug/L	6.2	2750	ug/L	31.1	1.13%
Sb 206.836†	19.6	4.04	ug/L	0.219	20.2	ug/L	1.09	5.41%
Se 196.026†	-42.2	14.0	ug/L	6.67	70.2	ug/L	33.37	47.57%
Sn 189.927†	-15.1	21.5	ug/L	0.98	108	ug/L	4.9	4.55%
Sr 421.552†	82561.4	130	ug/L	0.8	648	ug/L	4.1	0.63%
Ti 334.940†	165318.4	261	ug/L	4.5	1300	ug/L	22.5	1.73%
Tl 190.801†	12.2	10.5	ug/L	1.21	52.6	ug/L	6.03	11.47%
V 292.402†	3517.7	54.5	ug/L	0.89	272	ug/L	4.4	1.63%
Zn 206.200†	34987.7	1580	ug/L	28.1	7880	ug/L	140.7	1.79%

Sequence No.: 61 **Autosampler Location: 83**
Sample ID: 350761605 **Date Collected: 11/21/2012 6:37:03 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350761605

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	230908.3	103	%	1.8				1.73%
Sc 361.383	2524647.1	101	%	0.2				0.20%
Ag 328.068†	-4517.6	3.56	ug/L	0.611	3.56	ug/L	0.611	17.13%
Al 308.215†	133361.3	76800	ug/L	816.8	76800	ug/L	816.8	1.06%
As 188.979†	175.8	115	ug/L	2.1	115	ug/L	2.1	1.82%
Ba 233.527†	134809.6	779	ug/L	2.0	779	ug/L	2.0	0.26%
Be 234.861†	-1383.3	4.74	ug/L	0.993	4.74	ug/L	0.993	20.93%
Ca 315.887†	405842.9	66400	ug/L	156.3	66400	ug/L	156.3	0.24%
Cd 226.502†	415.6	7.37	ug/L	0.305	7.37	ug/L	0.305	4.14%
Co 228.616†	2563.1	58.7	ug/L	0.26	58.7	ug/L	0.26	0.45%
Cr 267.716†	13778.9	272	ug/L	0.8	272	ug/L	0.8	0.29%
Cu 324.752†	236261.0	649	ug/L	2.7	649	ug/L	2.7	0.41%
Fe 259.939†	2558589.5	201000	ug/L	2957.1	201000	ug/L	2957.1	1.47%
K 766.490†	37714.4	7800	ug/L	117.3	7800	ug/L	117.3	1.50%
Mg 279.077†	304213.3	25500	ug/L	319.9	25500	ug/L	319.9	1.25%
Mn 257.610†	4499373.6	5540	ug/L	10.6	5540	ug/L	10.6	0.19%
Mo 202.031†	19.5	11.8	ug/L	0.55	11.8	ug/L	0.55	4.66%
Na 589.592†	5082.7	490	ug/L	5.1	490	ug/L	5.1	1.05%
Ni 231.604†	1390.1	75.4	ug/L	0.36	75.4	ug/L	0.36	0.48%
Pb 220.353†	3350.5	1050	ug/L	8.2	1050	ug/L	8.2	0.78%
Sb 206.836†	38.5	0.851	ug/L	0.2805	0.851	ug/L	0.2805	32.96%
Se 196.026†	-129.8	10.8	ug/L	1.61	10.8	ug/L	1.61	14.96%
Sn 189.927†	90.5	34.9	ug/L	3.72	34.9	ug/L	3.72	10.66%
Sr 421.552†	74245.8	117	ug/L	2.1	117	ug/L	2.1	1.76%
Ti 334.940†	609784.2	961	ug/L	10.1	961	ug/L	10.1	1.05%
Tl 190.801†	-20.6	-0.448	ug/L	0.7893	-0.448	ug/L	0.7893	176.06%
V 292.402†	19311.2	301	ug/L	2.8	301	ug/L	2.8	0.92%
Zn 206.200†	51365.9	2310	ug/L	18.1	2310	ug/L	18.1	0.78%

Sequence No.: 62 **Autosampler Location: 84**
Sample ID: 350761613 **Date Collected: 11/21/2012 6:42:23 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350761613

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231202.9	103	%	0.3				0.29%
Sc 361.383	2532669.4	102	%	1.4				1.39%
Ag 328.068†	-3682.9	6.80	ug/L	0.191	6.80	ug/L	0.191	2.81%
Al 308.215†	136846.4	78800	ug/L	562.5	78800	ug/L	562.5	0.71%
As 188.979†	145.4	96.2	ug/L	1.45	96.2	ug/L	1.45	1.50%
Ba 233.527†	131111.5	758	ug/L	9.9	758	ug/L	9.9	1.31%
Be 234.861†	-782.0	6.20	ug/L	0.577	6.20	ug/L	0.577	9.32%
Ca 315.887†	386662.4	63200	ug/L	367.5	63200	ug/L	367.5	0.58%
Cd 226.502†	449.0	11.2	ug/L	0.15	11.2	ug/L	0.15	1.36%
Co 228.616†	2236.9	50.4	ug/L	0.59	50.4	ug/L	0.59	1.17%
Cr 267.716†	11794.7	233	ug/L	2.7	233	ug/L	2.7	1.14%
Cu 324.752†	97466.1	262	ug/L	3.3	262	ug/L	3.3	1.26%
Fe 259.939†	2391910.5	188000	ug/L	886.4	188000	ug/L	886.4	0.47%
K 766.490†	54619.1	11300	ug/L	35.4	11300	ug/L	35.4	0.31%
Mg 279.077†	157406.9	13200	ug/L	75.2	13200	ug/L	75.2	0.57%
Mn 257.610†	4948675.5	6100	ug/L	27.9	6100	ug/L	27.9	0.46%
Mo 202.031†	46.2	15.3	ug/L	0.41	15.3	ug/L	0.41	2.66%
Na 589.592†	4002.5	387	ug/L	0.9	387	ug/L	0.9	0.23%
Ni 231.604†	2281.4	124	ug/L	1.5	124	ug/L	1.5	1.18%
Pb 220.353†	17284.4	5460	ug/L	36.1	5460	ug/L	36.1	0.66%
Sb 206.836†	97.4	20.6	ug/L	0.34	20.6	ug/L	0.34	1.67%
Se 196.026†	-111.1	19.3	ug/L	2.55	19.3	ug/L	2.55	13.25%
Sn 189.927†	622.5	219	ug/L	0.5	219	ug/L	0.5	0.24%
Sr 421.552†	111927.4	176	ug/L	1.5	176	ug/L	1.5	0.88%
Ti 334.940†	677254.2	1070	ug/L	5.8	1070	ug/L	5.8	0.54%
Tl 190.801†	-24.8	-3.42	ug/L	2.692	-3.42	ug/L	2.692	78.71%
V 292.402†	13272.3	204	ug/L	3.0	204	ug/L	3.0	1.47%
Zn 206.200†	148805.5	6710	ug/L	74.6	6710	ug/L	74.6	1.11%

Sequence No.: 63 **Autosampler Location: 85**
Sample ID: 350761615 **Date Collected: 11/21/2012 6:47:45 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350761615

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	229421.7	102	%	1.7				1.64%
Sc 361.383	2510604.8	101	%	0.8				0.80%
Ag 328.068†	-8793.7	2.90	ug/L	0.877	2.90	ug/L	0.877	30.23%
Al 308.215†	182320.4	105000	ug/L	1210.4	105000	ug/L	1210.4	1.15%
As 188.979†	172.7	120	ug/L	1.1	120	ug/L	1.1	0.95%
Ba 233.527†	150819.3	873	ug/L	2.2	873	ug/L	2.2	0.25%
Be 234.861†	-1051.5	13.7	ug/L	3.65	13.7	ug/L	3.65	26.74%
Ca 315.887†	1061963.0	174000	ug/L	3069.3	174000	ug/L	3069.3	1.77%
Cd 226.502†	534.1	-2.24	ug/L	0.342	-2.24	ug/L	0.342	15.27%
Co 228.616†	5506.9	130	ug/L	2.0	130	ug/L	2.0	1.50%
Cr 267.716†	27451.4	541	ug/L	0.9	541	ug/L	0.9	0.18%
Cu 324.752†	89473.5	225	ug/L	1.1	225	ug/L	1.1	0.48%
Fe 259.939†	4660366.9	367000	ug/L	5597.4	367000	ug/L	5597.4	1.53%
K 766.490†	42529.4	8800	ug/L	87.6	8800	ug/L	87.6	1.00%
Mg 279.077†	735761.0	61700	ug/L	476.8	61700	ug/L	476.8	0.77%
Mn 257.610†	12098903.6	14900	ug/L	187.2	14900	ug/L	187.2	1.26%
Mo 202.031†	15.4	18.3	ug/L	1.04	18.3	ug/L	1.04	5.66%
Na 589.592†	3796.4	367	ug/L	1.7	367	ug/L	1.7	0.47%
Ni 231.604†	2879.5	157	ug/L	1.7	157	ug/L	1.7	1.06%
Pb 220.353†	2017.6	621	ug/L	6.6	621	ug/L	6.6	1.06%
Sb 206.836†	34.7	-11.5	ug/L	1.58	-11.5	ug/L	1.58	13.79%
Se 196.026†	-250.0	10.7	ug/L	1.17	10.7	ug/L	1.17	10.88%
Sn 189.927†	35.8	24.6	ug/L	2.40	24.6	ug/L	2.40	9.77%
Sr 421.552†	137944.5	217	ug/L	5.6	217	ug/L	5.6	2.56%
Ti 334.940†	690819.8	1090	ug/L	22.9	1090	ug/L	22.9	2.10%
Tl 190.801†	-28.1	4.42	ug/L	2.037	4.42	ug/L	2.037	46.13%
V 292.402†	29782.4	461	ug/L	4.4	461	ug/L	4.4	0.96%
Zn 206.200†	35226.1	1580	ug/L	2.9	1580	ug/L	2.9	0.19%

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Sequence No.: 64 **Autosampler Location: 7**
Sample ID: ICSA **Date Collected: 11/21/2012 6:53:15 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	213661.0	95.2	%	0.26				0.27%
Sc 361.383	2317343.3	93.0	%	0.94				1.01%
Ag 328.068†	-5252.7	0.408	ug/L	0.1573	0.408	ug/L	0.1573	38.51%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	444926.5	256000	ug/L	542.3	256000	ug/L	542.3	0.21%
QC value within limits for Al 308.215 Recovery = 102.42%								
As 188.979†	-5.1	4.09	ug/L	0.625	4.09	ug/L	0.625	15.29%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	-7.2	0.775	ug/L	0.1200	0.775	ug/L	0.1200	15.48%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	-3384.8	-1.69	ug/L	3.341	-1.69	ug/L	3.341	198.10%
QC value less than the lower limit for Be 234.861 Recovery = Not calculated								
Ca 315.887†	1470935.2	241000	ug/L	1765.8	241000	ug/L	1765.8	0.73%
QC value within limits for Ca 315.887 Recovery = 96.21%								
Cd 226.502†	306.8	-1.42	ug/L	0.721	-1.42	ug/L	0.721	50.96%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	210.9	-0.637	ug/L	0.2273	-0.637	ug/L	0.2273	35.70%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-80.4	0.560	ug/L	0.0414	0.560	ug/L	0.0414	7.39%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-2144.7	-5.54	ug/L	0.290	-5.54	ug/L	0.290	5.23%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	2681488.4	211000	ug/L	1545.9	211000	ug/L	1545.9	0.73%
QC value within limits for Fe 259.939 Recovery = 93.83%								
K 766.490†	223.6	25.6	ug/L	9.03	25.6	ug/L	9.03	35.21%
Mg 279.077†	2908258.4	244000	ug/L	2359.8	244000	ug/L	2359.8	0.97%
QC value within limits for Mg 279.077 Recovery = 97.49%								
Mn 257.610†	9302.6	9.90	ug/L	0.709	9.90	ug/L	0.709	7.16%
QC value greater than the upper limit for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-84.2	-3.49	ug/L	0.275	-3.49	ug/L	0.275	7.86%
QC value less than the lower limit for Mo 202.031 Recovery = Not calculated								
Na 589.592†	206.2	23.1	ug/L	1.08	23.1	ug/L	1.08	4.67%
Ni 231.604†	18.3	-0.020	ug/L	0.6997	-0.020	ug/L	0.6997	>999.9%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	8.1	6.68	ug/L	3.480	6.68	ug/L	3.480	52.12%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	27.3	-2.60	ug/L	1.573	-2.60	ug/L	1.573	60.38%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-158.9	4.54	ug/L	5.059	4.54	ug/L	5.059	111.40%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	-60.6	-3.99	ug/L	0.733	-3.99	ug/L	0.733	18.36%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	1017.0	1.59	ug/L	0.035	1.59	ug/L	0.035	2.23%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	91.7	0.105	ug/L	0.0611	0.105	ug/L	0.0611	58.25%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-15.3	3.22	ug/L	4.916	3.22	ug/L	4.916	152.74%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	751.2	0.236	ug/L	0.3258	0.236	ug/L	0.3258	138.20%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	97.7	1.60	ug/L	0.530	1.60	ug/L	0.530	33.18%
QC value within limits for Zn 206.200 Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 65 **Autosampler Location: 8**
Sample ID: ICSAB **Date Collected: 11/21/2012 6:58:34 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	213322.3	95.0	%	0.72				0.76%
Sc 361.383	2313567.1	92.8	%	1.27				1.37%
Ag 328.068†	25945.8	200	ug/L	2.3	200	ug/L	2.3	1.17%
QC value within limits for Ag 328.068 Recovery = 100.16%								
Al 308.215†	439366.9	253000	ug/L	1707.6	253000	ug/L	1707.6	0.68%
QC value within limits for Al 308.215 Recovery = 101.14%								
As 188.979†	148.2	100	ug/L	1.3	100	ug/L	1.3	1.31%
QC value within limits for As 188.979 Recovery = 100.02%								
Ba 233.527†	80743.0	467	ug/L	5.2	467	ug/L	5.2	1.11%
QC value within limits for Ba 233.527 Recovery = 93.44%								
Be 234.861†	140432.1	493	ug/L	12.0	493	ug/L	12.0	2.43%
QC value within limits for Be 234.861 Recovery = 98.58%								
Ca 315.887†	1441476.7	236000	ug/L	487.0	236000	ug/L	487.0	0.21%
QC value within limits for Ca 315.887 Recovery = 94.29%								
Cd 226.502†	12489.3	865	ug/L	24.5	865	ug/L	24.5	2.84%
QC value within limits for Cd 226.502 Recovery = 86.51%								
Co 228.616†	17280.1	440	ug/L	6.6	440	ug/L	6.6	1.51%
QC value within limits for Co 228.616 Recovery = 88.00%								
Cr 267.716†	23772.7	467	ug/L	6.2	467	ug/L	6.2	1.33%
QC value within limits for Cr 267.716 Recovery = 93.46%								
Cu 324.752†	173216.3	481	ug/L	7.8	481	ug/L	7.8	1.62%
QC value within limits for Cu 324.752 Recovery = 96.24%								
Fe 259.939†	2640204.6	208000	ug/L	644.3	208000	ug/L	644.3	0.31%
QC value within limits for Fe 259.939 Recovery = 92.39%								
K 766.490†	115.4	3.20	ug/L	6.499	3.20	ug/L	6.499	203.10%
Mg 279.077†	2886182.3	242000	ug/L	3732.2	242000	ug/L	3732.2	1.54%
QC value within limits for Mg 279.077 Recovery = 96.75%								
Mn 257.610†	380829.2	468	ug/L	5.2	468	ug/L	5.2	1.10%
QC value within limits for Mn 257.610 Recovery = 93.57%								
Mo 202.031†	3149.3	487	ug/L	2.1	487	ug/L	2.1	0.43%
QC value within limits for Mo 202.031 Recovery = 97.44%								
Na 589.592†	178.7	20.4	ug/L	2.68	20.4	ug/L	2.68	13.10%
Ni 231.604†	16619.1	912	ug/L	4.7	912	ug/L	4.7	0.51%
QC value within limits for Ni 231.604 Recovery = 91.23%								
Pb 220.353†	150.5	52.1	ug/L	1.42	52.1	ug/L	1.42	2.72%
QC value within limits for Pb 220.353 Recovery = 104.25%								
Sb 206.836†	1803.5	553	ug/L	3.6	553	ug/L	3.6	0.64%
QC value within limits for Sb 206.836 Recovery = 92.21%								
Se 196.026†	-97.6	57.1	ug/L	7.04	57.1	ug/L	7.04	12.33%
QC value within limits for Se 196.026 Recovery = 114.30%								
Sn 189.927†	1347.0	484	ug/L	2.8	484	ug/L	2.8	0.58%
QC value within limits for Sn 189.927 Recovery = 96.90%								
Sr 421.552†	305087.5	479	ug/L	2.8	479	ug/L	2.8	0.58%
QC value within limits for Sr 421.552 Recovery = 95.82%								
Ti 334.940†	315662.2	498	ug/L	7.6	498	ug/L	7.6	1.53%
QC value within limits for Ti 334.940 Recovery = 99.50%								
Tl 190.801†	119.1	85.4	ug/L	2.60	85.4	ug/L	2.60	3.04%
QC value within limits for Tl 190.801 Recovery = 85.40%								
V 292.402†	30317.4	479	ug/L	3.3	479	ug/L	3.3	0.70%
QC value within limits for V 292.402 Recovery = 95.70%								
Zn 206.200†	20074.7	904	ug/L	8.1	904	ug/L	8.1	0.90%
QC value within limits for Zn 206.200 Recovery = 90.36%								

All analyte(s) passed QC.

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Sequence No.: 66 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/21/2012 7:03:50 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	222755.2	99.2	%	0.53				0.54%
Sc 361.383	2456196.8	98.5	%	1.16				1.18%
Ag 328.068†	79453.4	517	ug/L	5.5	517	ug/L	5.5	1.06%
QC value within limits for Ag 328.068 Recovery = 103.39%								
Al 308.215†	42875.8	24700	ug/L	108.7	24700	ug/L	108.7	0.44%
QC value within limits for Al 308.215 Recovery = 98.73%								
As 188.979†	826.4	506	ug/L	3.8	506	ug/L	3.8	0.74%
QC value within limits for As 188.979 Recovery = 101.28%								
Ba 233.527†	88073.3	509	ug/L	4.8	509	ug/L	4.8	0.95%
QC value within limits for Ba 233.527 Recovery = 101.77%								
Be 234.861†	154815.9	535	ug/L	10.0	535	ug/L	10.0	1.87%
QC value within limits for Be 234.861 Recovery = 106.90%								
Ca 315.887†	148394.6	24300	ug/L	81.6	24300	ug/L	81.6	0.34%
QC value within limits for Ca 315.887 Recovery = 97.06%								
Cd 226.502†	6802.3	479	ug/L	5.2	479	ug/L	5.2	1.09%
QC value within limits for Cd 226.502 Recovery = 95.80%								
Co 228.616†	19360.0	499	ug/L	5.0	499	ug/L	5.0	0.99%
QC value within limits for Co 228.616 Recovery = 99.75%								
Cr 267.716†	25964.7	509	ug/L	5.7	509	ug/L	5.7	1.12%
QC value within limits for Cr 267.716 Recovery = 101.71%								
Cu 324.752†	179760.3	499	ug/L	4.2	499	ug/L	4.2	0.85%
QC value within limits for Cu 324.752 Recovery = 99.85%								
Fe 259.939†	514718.5	40500	ug/L	256.4	40500	ug/L	256.4	0.63%
QC value within limits for Fe 259.939 Recovery = 101.32%								
K 766.490†	123949.9	25700	ug/L	115.0	25700	ug/L	115.0	0.45%
QC value within limits for K 766.490 Recovery = 102.72%								
Mg 279.077†	298880.8	25100	ug/L	350.6	25100	ug/L	350.6	1.40%
QC value within limits for Mg 279.077 Recovery = 100.20%								
Mn 257.610†	414595.7	511	ug/L	3.4	511	ug/L	3.4	0.66%
QC value within limits for Mn 257.610 Recovery = 102.12%								
Mo 202.031†	3362.1	512	ug/L	7.5	512	ug/L	7.5	1.46%
QC value within limits for Mo 202.031 Recovery = 102.46%								
Na 589.592†	265150.8	25400	ug/L	73.4	25400	ug/L	73.4	0.29%
QC value within limits for Na 589.592 Recovery = 101.63%								
Ni 231.604†	9650.5	530	ug/L	3.3	530	ug/L	3.3	0.61%
QC value within limits for Ni 231.604 Recovery = 105.93%								
Pb 220.353†	1594.6	503	ug/L	4.7	503	ug/L	4.7	0.94%
QC value within limits for Pb 220.353 Recovery = 100.64%								
Sb 206.836†	1548.2	482	ug/L	4.1	482	ug/L	4.1	0.84%
QC value within limits for Sb 206.836 Recovery = 96.33%								
Se 196.026†	559.4	524	ug/L	10.4	524	ug/L	10.4	1.99%
QC value within limits for Se 196.026 Recovery = 104.71%								
Sn 189.927†	1180.0	408	ug/L	3.4	408	ug/L	3.4	0.83%
QC value within limits for Sn 189.927 Recovery = 101.88%								
Sr 421.552†	255001.0	400	ug/L	1.2	400	ug/L	1.2	0.30%
QC value within limits for Sr 421.552 Recovery = 100.12%								
Ti 334.940†	263691.6	416	ug/L	3.3	416	ug/L	3.3	0.80%
QC value within limits for Ti 334.940 Recovery = 103.90%								
Tl 190.801†	794.7	505	ug/L	5.3	505	ug/L	5.3	1.05%
QC value within limits for Tl 190.801 Recovery = 100.97%								
V 292.402†	32022.9	516	ug/L	4.7	516	ug/L	4.7	0.90%
QC value within limits for V 292.402 Recovery = 103.13%								
Zn 206.200†	11665.1	527	ug/L	8.2	527	ug/L	8.2	1.56%
QC value within limits for Zn 206.200 Recovery = 105.33%								

All analyte(s) passed QC.

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Sequence No.: 67 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/21/2012 7:09:11 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	227348.0	101	%	0.4				0.42%
Sc 361.383	2534556.9	102	%	0.7				0.68%
Ag 328.068†	33.3	0.169	ug/L	0.2647	0.169	ug/L	0.2647	156.89%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	15.2	12.0	ug/L	1.68	12.0	ug/L	1.68	13.96%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	-0.1	0.599	ug/L	0.7390	0.599	ug/L	0.7390	123.42%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	10.7	0.035	ug/L	0.0469	0.035	ug/L	0.0469	135.76%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	16.1	0.091	ug/L	0.0064	0.091	ug/L	0.0064	6.99%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	119.9	17.8	ug/L	2.30	17.8	ug/L	2.30	12.88%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	2.2	-0.062	ug/L	0.0333	-0.062	ug/L	0.0333	53.56%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	2.6	-0.115	ug/L	0.0786	-0.115	ug/L	0.0786	68.39%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	7.8	0.170	ug/L	0.1186	0.170	ug/L	0.1186	69.59%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-148.8	0.024	ug/L	0.1240	0.024	ug/L	0.1240	506.48%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	317.1	24.3	ug/L	2.73	24.3	ug/L	2.73	11.24%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	162.0	12.9	ug/L	15.57	12.9	ug/L	15.57	121.02%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	119.8	9.99	ug/L	1.943	9.99	ug/L	1.943	19.44%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	410.4	0.336	ug/L	0.0231	0.336	ug/L	0.0231	6.88%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	0.8	0.340	ug/L	0.0988	0.340	ug/L	0.0988	29.09%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	110.7	13.9	ug/L	3.86	13.9	ug/L	3.86	27.71%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-1.9	-0.508	ug/L	0.3206	-0.508	ug/L	0.3206	63.15%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	1.8	0.060	ug/L	1.2873	0.060	ug/L	1.2873	>999.9%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	0.6	0.604	ug/L	0.3300	0.604	ug/L	0.3300	54.67%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-6.1	-4.04	ug/L	5.232	-4.04	ug/L	5.232	129.41%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	0.2	-4.03	ug/L	0.810	-4.03	ug/L	0.810	20.07%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	58.3	0.083	ug/L	0.0336	0.083	ug/L	0.0336	40.25%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	51.8	0.042	ug/L	0.0478	0.042	ug/L	0.0478	113.69%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-2.1	-1.59	ug/L	2.005	-1.59	ug/L	2.005	125.98%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	6.6	0.248	ug/L	0.0650	0.248	ug/L	0.0650	26.20%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	2.8	-0.139	ug/L	0.2420	-0.139	ug/L	0.2420	174.19%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

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Sequence No.: 1 **Autosampler Location: 1**
Sample ID: STD1-Blank **Date Collected: 11/26/2012 11:08:38 AM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:01:16 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: STD1-Blank

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Sc Radial	234337.5	3271.70	1.40%	100	%
Sc 361.383	2711203.9	23539.97	0.87%	100	%
Ag 328.068†	-174.3	22.65	12.99%	[0.00]	ug/L
Al 308.215†	-33.8	2.50	7.40%	[0.00]	ug/L
As 188.979†	-12.1	3.51	29.03%	[0.00]	ug/L
Ba 233.527†	-152.1	7.16	4.70%	[0.00]	ug/L
Be 234.861†	-436.0	0.90	0.21%	[0.00]	ug/L
Ca 315.887†	-446.0	2.72	0.61%	[0.00]	ug/L
Cd 226.502†	-42.7	1.17	2.74%	[0.00]	ug/L
Co 228.616†	-151.9	2.56	1.69%	[0.00]	ug/L
Cr 267.716†	71.9	6.56	9.13%	[0.00]	ug/L
Cu 324.752†	5765.4	104.88	1.82%	[0.00]	ug/L
Fe 259.939†	50.4	5.70	11.32%	[0.00]	ug/L
K 766.490†	-1761.0	74.70	4.24%	[0.00]	ug/L
Mg 279.077†	137.8	13.68	9.93%	[0.00]	ug/L
Mn 257.610†	365.5	12.10	3.31%	[0.00]	ug/L
Mo 202.031†	2.2	1.06	47.89%	[0.00]	ug/L
Na 589.592†	638.9	33.86	5.30%	[0.00]	ug/L
Ni 231.604†	-76.9	3.14	4.08%	[0.00]	ug/L
Pb 220.353†	36.9	1.83	4.96%	[0.00]	ug/L
Sb 206.836†	46.8	4.44	9.49%	[0.00]	ug/L
Se 196.026†	5.8	0.58	10.10%	[0.00]	ug/L
Sn 189.927†	-1.3	1.24	94.36%	[0.00]	ug/L
Sr 421.552†	37.6	5.33	14.20%	[0.00]	ug/L
Ti 334.940†	129.2	13.26	10.27%	[0.00]	ug/L
Tl 190.801†	-41.4	3.62	8.75%	[0.00]	ug/L
V 292.402†	11.7	3.36	28.86%	[0.00]	ug/L
Zn 206.200†	121.4	1.49	1.22%	[0.00]	ug/L

Sequence No.: 2 **Autosampler Location: 14**
Sample ID: Calib Std 1Maj **Date Collected: 11/26/2012 11:14:47 AM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:25 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 1Maj

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Sc Radial	229659.5	3195.50	1.39%	98.0	%
Sc 361.383	2690430.4	50023.19	1.86%	99.2	%
Al 308.215†	49.0	2.62	5.34%	[25]	ug/L
Ba 233.527†	89.1	2.95	3.31%	[0.5]	ug/L
Be 234.861†	146.0	3.83	2.62%	[0.5]	ug/L
Ca 315.887†	157.2	2.56	1.63%	[25]	ug/L
Cd 226.502†	8.8	2.37	26.75%	[0.5]	ug/L
Co 228.616†	23.7	8.15	34.43%	[0.5]	ug/L
Fe 259.939†	554.1	7.76	1.40%	[40]	ug/L
K 766.490†	183.3	111.83	61.02%	[25]	ug/L
Mg 279.077†	306.7	9.91	3.23%	[25]	ug/L
Na 589.592†	244.1	68.59	28.10%	[25]	ug/L
Sr 421.552†	249.3	6.91	2.77%	[0.4]	ug/L
Ti 334.940†	314.0	50.73	16.16%	[0.4]	ug/L
V 292.402†	23.7	2.92	12.30%	[0.5]	ug/L

Sequence No.: 3 **Autosampler Location: 2**
Sample ID: Calib Std 1 **Date Collected: 11/26/2012 11:20:58 AM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:26 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Sc Radial	235370.9	2403.88	1.02%	100	%
Sc 361.383	2704029.7	9699.65	0.36%	99.7	%
Ag 328.068†	785.9	42.34	5.39%	[5]	ug/L
Al 308.215†	442.5	6.68	1.51%	[250]	ug/L
As 188.979†	8.8	1.65	18.68%	[5]	ug/L
Ba 233.527†	910.0	6.23	0.68%	[5]	ug/L
Be 234.861†	1492.4	34.85	2.33%	[5]	ug/L
Ca 315.887†	1533.4	6.38	0.42%	[250]	ug/L
Cd 226.502†	73.3	1.82	2.49%	[5]	ug/L
Co 228.616†	203.0	5.10	2.51%	[5]	ug/L
Cr 267.716†	275.4	3.95	1.43%	[5]	ug/L
Cu 324.752†	1690.6	51.14	3.02%	[5]	ug/L
Fe 259.939†	5293.3	77.49	1.46%	[400]	ug/L
K 766.490†	1254.8	25.74	2.05%	[250]	ug/L
Mg 279.077†	3058.0	12.83	0.42%	[250]	ug/L
Mn 257.610†	4395.7	31.73	0.72%	[5]	ug/L
Mo 202.031†	35.4	2.99	8.44%	[5]	ug/L
Na 589.592†	2636.5	54.15	2.05%	[250]	ug/L
Ni 231.604†	94.2	9.82	10.43%	[5]	ug/L
Pb 220.353†	21.2	3.92	18.52%	[5]	ug/L
Sb 206.836†	10.3	0.78	7.58%	[5]	ug/L
Se 196.026†	4.0	3.87	97.28%	[5]	ug/L
Sn 189.927†	21.0	3.45	16.41%	[4]	ug/L
Sr 421.552†	2480.2	26.58	1.07%	[4]	ug/L
Ti 334.940†	2705.1	26.80	0.99%	[4]	ug/L
Tl 190.801†	8.1	1.66	20.57%	[5]	ug/L
V 292.402†	328.1	1.66	0.51%	[5]	ug/L
Zn 206.200†	75.9	2.42	3.19%	[5]	ug/L

Sequence No.: 4 **Autosampler Location: 3**
Sample ID: Calib Std 2 **Date Collected: 11/26/2012 11:27:07 AM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:27 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Sc Radial	233772.8	612.84	0.26%	99.8	%
Sc 361.383	2686454.4	17322.79	0.64%	99.1	%
Ag 328.068†	8081.0	169.66	2.10%	[50]	ug/L
Al 308.215†	4494.2	33.84	0.75%	[2500]	ug/L
As 188.979†	86.7	4.16	4.79%	[50]	ug/L
Ba 233.527†	9405.7	87.70	0.93%	[50]	ug/L
Be 234.861†	15558.4	387.89	2.49%	[50]	ug/L
Ca 315.887†	15445.2	240.72	1.56%	[2500]	ug/L
Cd 226.502†	740.5	4.93	0.67%	[50]	ug/L
Co 228.616†	2040.6	57.46	2.82%	[50]	ug/L
Cr 267.716†	2854.2	27.15	0.95%	[50]	ug/L
Cu 324.752†	18686.1	304.04	1.63%	[50]	ug/L
Fe 259.939†	53933.4	662.97	1.23%	[4000]	ug/L
K 766.490†	12530.9	196.48	1.57%	[2500]	ug/L
Mg 279.077†	31101.0	591.62	1.90%	[2500]	ug/L
Mn 257.610†	44724.2	358.33	0.80%	[50]	ug/L
Mo 202.031†	362.1	3.16	0.87%	[50]	ug/L
Na 589.592†	28142.8	216.78	0.77%	[2500]	ug/L
Ni 231.604†	1036.1	4.07	0.39%	[50]	ug/L
Pb 220.353†	170.3	2.46	1.45%	[50]	ug/L
Sb 206.836†	154.9	0.25	0.16%	[50]	ug/L
Se 196.026†	57.0	3.43	6.02%	[50]	ug/L
Sn 189.927†	134.0	2.42	1.81%	[40]	ug/L
Sr 421.552†	24864.5	211.68	0.85%	[40]	ug/L
Ti 334.940†	27524.8	439.22	1.60%	[40]	ug/L
Tl 190.801†	80.6	0.66	0.82%	[50]	ug/L
V 292.402†	3410.6	70.55	2.07%	[50]	ug/L
Zn 206.200†	1172.5	4.55	0.39%	[50]	ug/L

Sequence No.: 5 **Autosampler Location: 4**
Sample ID: Calib Std 3 **Date Collected: 11/26/2012 11:32:26 AM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:28 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Sc Radial	227896.1	2130.82	0.93%	97.3	%
Sc 361.383	2616864.5	24156.60	0.92%	96.5	%
Ag 328.068†	83573.9	1284.35	1.54%	[500]	ug/L
Al 308.215†	45521.9	222.30	0.49%	[25000]	ug/L
As 188.979†	858.3	14.67	1.71%	[500]	ug/L
Ba 233.527†	92750.4	733.57	0.79%	[500]	ug/L
Be 234.861†	161502.3	2489.19	1.54%	[500]	ug/L
Ca 315.887†	156183.4	690.22	0.44%	[25000]	ug/L
Cd 226.502†	7448.3	113.25	1.52%	[500]	ug/L
Co 228.616†	20014.2	283.94	1.42%	[500]	ug/L
Cr 267.716†	27991.2	232.80	0.83%	[500]	ug/L
Cu 324.752†	188358.0	1333.31	0.71%	[500]	ug/L
Fe 259.939†	534509.2	5345.69	1.00%	[40000]	ug/L
K 766.490†	126172.7	953.20	0.76%	[25000]	ug/L
Mg 279.077†	311193.3	5464.45	1.76%	[25000]	ug/L
Mn 257.610†	436370.8	1944.89	0.45%	[500]	ug/L
Mo 202.031†	3615.7	37.58	1.04%	[500]	ug/L
Na 589.592†	283502.1	3695.70	1.30%	[25000]	ug/L
Ni 231.604†	10320.9	103.58	1.00%	[500]	ug/L
Pb 220.353†	1653.6	21.82	1.32%	[500]	ug/L
Sb 206.836†	1583.5	18.27	1.15%	[500]	ug/L
Se 196.026†	580.2	8.73	1.51%	[500]	ug/L
Sn 189.927†	1237.3	18.25	1.47%	[400]	ug/L
Sr 421.552†	256591.5	4205.31	1.64%	[400]	ug/L
Ti 334.940†	276333.6	2647.40	0.96%	[400]	ug/L
Tl 190.801†	807.4	5.07	0.63%	[500]	ug/L
V 292.402†	34795.0	578.87	1.66%	[500]	ug/L
Zn 206.200†	12149.4	161.08	1.33%	[500]	ug/L

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Sequence No.: 6 **Autosampler Location: 9**
Sample ID: Calib Std 4 **Date Collected: 11/26/2012 11:37:48 AM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:29 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 4

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Sc Radial	213807.7	1386.08	0.65%	91.2	%
Sc 361.383	2329439.9	9518.13	0.41%	85.9	%
Al 308.215†	472804.3	2231.13	0.47%	[250000]	ug/L
As 188.979†	8837.3	24.71	0.28%	[5000]	ug/L
Ba 233.527†	891505.9	4376.77	0.49%	[5000]	ug/L
Be 234.861†	1699531.6	23738.87	1.40%	[5000]	ug/L
Ca 315.887†	1539429.3	7201.87	0.47%	[250000]	ug/L
Cd 226.502†	67125.6	808.51	1.20%	[5000]	ug/L
Co 228.616†	184375.7	2466.57	1.34%	[5000]	ug/L
Cr 267.716†	266824.4	1452.76	0.54%	[5000]	ug/L
Cu 324.752†	2006001.0	18698.08	0.93%	[5000]	ug/L
Fe 259.939†	4808812.4	27026.46	0.56%	[400000]	ug/L
K 766.490†	1338790.1	5875.74	0.44%	[250000]	ug/L
Mg 279.077†	2844940.7	15545.65	0.55%	[250000]	ug/L
Mn 257.610†	4124740.2	21612.12	0.52%	[5000]	ug/L
Mo 202.031†	34996.1	160.45	0.46%	[5000]	ug/L
Na 589.592†	2952378.4	30171.53	1.02%	[250000]	ug/L
Ni 231.604†	93184.1	1246.86	1.34%	[5000]	ug/L
Pb 220.353†	15172.3	97.74	0.64%	[5000]	ug/L
Sb 206.836†	16265.9	72.02	0.44%	[5000]	ug/L
Se 196.026†	6044.2	19.50	0.32%	[5000]	ug/L
Sn 189.927†	12050.7	53.97	0.45%	[4000]	ug/L
Sr 421.552†	2565255.7	22443.21	0.87%	[4000]	ug/L
Ti 334.940†	2759499.8	29958.53	1.09%	[4000]	ug/L
Tl 190.801†	7179.4	50.91	0.71%	[5000]	ug/L
V 292.402†	336783.3	3832.02	1.14%	[5000]	ug/L
Zn 206.200†	112208.5	729.50	0.65%	[5000]	ug/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	3	Wt. Lin	-39.9	164.9	0.00000	0.999880	
Al 308.215	5	Wt. Lin	3.4	1.818	0.00000	0.999612	
As 188.979	4	Wt. Lin	0.1	1.739	0.00000	0.999918	
Ba 233.527	5	Wt. Lin	-2.7	183.6	0.00000	0.999789	
Be 234.861	5	Wt. Lin	-14.6	319.4	0.00000	0.998932	
Ca 315.887	5	Wt. Lin	2.6	6.178	0.00000	0.999971	
Cd 226.502	5	Wt. Lin	1.7	14.35	0.00000	0.999144	
Co 228.616	5	Wt. Lin	4.0	39.34	0.00000	0.999257	
Cr 267.716	4	Wt. Lin	-0.9	55.43	0.00000	0.999567	
Cu 324.752	4	Wt. Lin	-243.2	385.9	0.00000	0.999559	
Fe 259.939	5	Wt. Lin	35.1	13.00	0.00000	0.998956	
K 766.490	5	Wt. Lin	56.3	5.052	0.00000	0.999156	
Mg 279.077	5	Wt. Lin	4.1	12.12	0.00000	0.999310	
Mn 257.610	4	Wt. Lin	99.7	862.3	0.00000	0.999414	
Mo 202.031	4	Wt. Lin	-0.3	7.156	0.00000	0.999863	
Na 589.592	5	Wt. Lin	-39.8	11.30	0.00000	0.999358	
Ni 231.604	4	Wt. Lin	-5.5	20.01	0.00000	0.998664	
Pb 220.353	4	Wt. Lin	5.2	3.207	0.00000	0.999174	
Sb 206.836	4	Wt. Lin	-5.8	3.216	0.00000	0.999950	
Se 196.026	4	Wt. Lin	-1.9	1.184	0.00000	0.999865	
Sn 189.927	4	Wt. Lin	8.8	3.069	0.00000	0.999860	
Sr 421.552	5	Wt. Lin	-3.9	631.7	0.00000	0.999866	
Ti 334.940	5	Wt. Lin	39.7	683.9	0.00000	0.999886	
Tl 190.801	4	Wt. Lin	0.3	1.549	0.00000	0.998492	
V 292.402	5	Wt. Lin	-10.4	68.29	0.00000	0.999915	
Zn 206.200	4	Wt. Lin	-42.2	23.69	0.00000	0.999235	

Sequence No.: 7 **Autosampler Location: 6**
Sample ID: ICV **Date Collected: 11/26/2012 12:04:23 PM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:30 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	224234.9	95.7	%	0.51				0.54%
Sc 361.383	2534276.6	93.5	%	0.87				0.93%
Ag 328.068†	26015.7	165	ug/L	3.4	165	ug/L	3.4	2.09%
QC value within limits for Ag 328.068 Recovery = 102.86%								
Al 308.215†	73691.1	40500	ug/L	97.4	40500	ug/L	97.4	0.24%
QC value within limits for Al 308.215 Recovery = 101.36%								
As 188.979†	700.1	406	ug/L	6.8	406	ug/L	6.8	1.68%
QC value within limits for As 188.979 Recovery = 101.62%								
Ba 233.527†	221258.1	1200	ug/L	10.4	1200	ug/L	10.4	0.86%
QC value within limits for Ba 233.527 Recovery = 100.41%								
Be 234.861†	139039.7	439	ug/L	17.5	439	ug/L	17.5	3.99%
QC value within limits for Be 234.861 Recovery = 109.65%								
Ca 315.887†	246727.8	39900	ug/L	231.8	39900	ug/L	231.8	0.58%
QC value within limits for Ca 315.887 Recovery = 99.85%								
Cd 226.502†	5577.3	385	ug/L	11.6	385	ug/L	11.6	3.01%
QC value within limits for Cd 226.502 Recovery = 96.21%								
Co 228.616†	15472.5	391	ug/L	3.9	391	ug/L	3.9	1.01%
QC value within limits for Co 228.616 Recovery = 97.84%								
Cr 267.716†	22338.0	404	ug/L	6.6	404	ug/L	6.6	1.64%
QC value within limits for Cr 267.716 Recovery = 100.90%								
Cu 324.752†	153301.2	397	ug/L	11.4	397	ug/L	11.4	2.87%
QC value within limits for Cu 324.752 Recovery = 99.20%								
Fe 259.939†	529293.5	40700	ug/L	53.6	40700	ug/L	53.6	0.13%
QC value within limits for Fe 259.939 Recovery = 101.81%								
K 766.490†	203444.9	40300	ug/L	37.1	40300	ug/L	37.1	0.09%
QC value within limits for K 766.490 Recovery = 100.64%								
Mg 279.077†	487166.3	40200	ug/L	308.5	40200	ug/L	308.5	0.77%
QC value within limits for Mg 279.077 Recovery = 100.52%								
Mn 257.610†	351656.9	407	ug/L	3.7	407	ug/L	3.7	0.90%
QC value within limits for Mn 257.610 Recovery = 101.86%								
Mo 202.031†	2950.3	414	ug/L	4.4	414	ug/L	4.4	1.07%
QC value within limits for Mo 202.031 Recovery = 103.51%								
Na 589.592†	473322.6	41900	ug/L	739.5	41900	ug/L	739.5	1.76%
QC value within limits for Na 589.592 Recovery = 104.75%								
Ni 231.604†	8160.1	408	ug/L	13.3	408	ug/L	13.3	3.25%
QC value within limits for Ni 231.604 Recovery = 101.98%								
Pb 220.353†	1284.7	398	ug/L	3.7	398	ug/L	3.7	0.92%
QC value within limits for Pb 220.353 Recovery = 99.38%								
Sb 206.836†	1278.3	394	ug/L	3.9	394	ug/L	3.9	0.98%
QC value within limits for Sb 206.836 Recovery = 98.61%								
Se 196.026†	470.0	423	ug/L	7.6	423	ug/L	7.6	1.81%
QC value within limits for Se 196.026 Recovery = 105.85%								
Sn 189.927†	1244.0	408	ug/L	4.4	408	ug/L	4.4	1.08%
QC value within limits for Sn 189.927 Recovery = 102.00%								
Sr 421.552†	240246.6	380	ug/L	4.2	380	ug/L	4.2	1.10%
QC value within limits for Sr 421.552 Recovery = 95.09%								
Ti 334.940†	294763.1	431	ug/L	10.6	431	ug/L	10.6	2.47%
QC value within limits for Ti 334.940 Recovery = 107.73%								
Tl 190.801†	628.2	405	ug/L	3.3	405	ug/L	3.3	0.81%
QC value within limits for Tl 190.801 Recovery = 101.23%								
V 292.402†	27952.7	407	ug/L	9.5	407	ug/L	9.5	2.33%
QC value within limits for V 292.402 Recovery = 101.82%								
Zn 206.200†	9682.1	411	ug/L	10.1	411	ug/L	10.1	2.47%
QC value within limits for Zn 206.200 Recovery = 102.83%								

All analyte(s) passed QC.

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Sequence No.: 8 **Autosampler Location: 1**
Sample ID: ICB **Date Collected: 11/26/2012 12:09:41 PM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:44 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	229468.4	97.9	%	1.08				1.10%
Sc 361.383	2637128.7	97.3	%	0.32				0.33%
Ag 328.068†	31.6	0.435	ug/L	0.2305	0.435	ug/L	0.2305	52.95%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	14.3	5.98	ug/L	1.968	5.98	ug/L	1.968	32.89%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	0.6	0.257	ug/L	1.4808	0.257	ug/L	1.4808	576.96%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	56.9	0.325	ug/L	0.0569	0.325	ug/L	0.0569	17.54%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	34.1	0.153	ug/L	0.0070	0.153	ug/L	0.0070	4.53%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	76.7	12.0	ug/L	0.39	12.0	ug/L	0.39	3.29%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	1.8	0.009	ug/L	0.0399	0.009	ug/L	0.0399	452.31%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	2.9	-0.029	ug/L	0.1263	-0.029	ug/L	0.1263	433.27%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	11.5	0.223	ug/L	0.0724	0.223	ug/L	0.0724	32.47%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-320.2	-0.200	ug/L	0.1435	-0.200	ug/L	0.1435	71.91%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	182.7	11.4	ug/L	0.47	11.4	ug/L	0.47	4.10%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	152.6	19.1	ug/L	6.74	19.1	ug/L	6.74	35.37%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	122.5	9.77	ug/L	3.093	9.77	ug/L	3.093	31.67%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	46.7	-0.062	ug/L	0.0031	-0.062	ug/L	0.0031	5.10%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-2.7	-0.339	ug/L	0.1716	-0.339	ug/L	0.1716	50.67%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	76.7	10.3	ug/L	2.69	10.3	ug/L	2.69	26.09%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-4.8	0.033	ug/L	0.3053	0.033	ug/L	0.3053	934.45%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	4.5	-0.205	ug/L	0.2194	-0.205	ug/L	0.2194	107.14%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-3.2	0.806	ug/L	0.2479	0.806	ug/L	0.2479	30.74%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-3.9	-1.61	ug/L	3.446	-1.61	ug/L	3.446	214.38%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	5.1	-1.19	ug/L	0.708	-1.19	ug/L	0.708	59.28%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	81.3	0.135	ug/L	0.0086	0.135	ug/L	0.0086	6.38%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	77.3	0.055	ug/L	0.0526	0.055	ug/L	0.0526	95.79%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	0.6	0.201	ug/L	2.1790	0.201	ug/L	2.1790	>999.9%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	14.1	0.359	ug/L	0.1010	0.359	ug/L	0.1010	28.17%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	-93.4	-2.16	ug/L	0.243	-2.16	ug/L	0.243	11.25%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 9 **Autosampler Location: 5**
Sample ID: AFCEE CRI **Date Collected: 11/26/2012 12:15:49 PM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:45 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: AFCEE CRI

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	227576.0	97.1	%	1.58				1.63%
Sc 361.383	2613497.2	96.4	%	0.80				0.83%
Ag 328.068†	1718.6	10.7	ug/L	0.20	10.7	ug/L	0.20	1.85%
QC value within limits for Ag 328.068 Recovery = 106.71%								
Al 308.215†	392.0	214	ug/L	1.9	214	ug/L	1.9	0.87%
QC value within limits for Al 308.215 Recovery = 106.96%								
As 188.979†	53.4	30.7	ug/L	3.12	30.7	ug/L	3.12	10.17%
QC value within limits for As 188.979 Recovery = 102.40%								
Ba 233.527†	1893.2	10.3	ug/L	0.13	10.3	ug/L	0.13	1.24%
QC value within limits for Ba 233.527 Recovery = 103.24%								
Be 234.861†	1611.1	5.09	ug/L	0.210	5.09	ug/L	0.210	4.12%
QC value within limits for Be 234.861 Recovery = 101.88%								
Ca 315.887†	6238.3	1010	ug/L	10.9	1010	ug/L	10.9	1.08%
QC value within limits for Ca 315.887 Recovery = 100.94%								
Cd 226.502†	69.3	4.70	ug/L	0.307	4.70	ug/L	0.307	6.53%
QC value within limits for Cd 226.502 Recovery = 94.09%								
Co 228.616†	386.5	9.71	ug/L	0.046	9.71	ug/L	0.046	0.47%
QC value within limits for Co 228.616 Recovery = 97.05%								
Cr 267.716†	581.6	10.5	ug/L	0.23	10.5	ug/L	0.23	2.20%
QC value within limits for Cr 267.716 Recovery = 105.14%								
Cu 324.752†	3477.9	9.59	ug/L	0.128	9.59	ug/L	0.128	1.34%
QC value within limits for Cu 324.752 Recovery = 95.86%								
Fe 259.939†	752.1	55.2	ug/L	0.63	55.2	ug/L	0.63	1.14%
QC value within limits for Fe 259.939 Recovery = 110.36%								
K 766.490†	5150.3	1010	ug/L	20.0	1010	ug/L	20.0	1.98%
QC value within limits for K 766.490 Recovery = 100.82%								
Mg 279.077†	12617.6	1040	ug/L	25.2	1040	ug/L	25.2	2.42%
QC value within limits for Mg 279.077 Recovery = 104.10%								
Mn 257.610†	9251.0	10.6	ug/L	0.14	10.6	ug/L	0.14	1.28%
QC value within limits for Mn 257.610 Recovery = 106.12%								
Mo 202.031†	115.7	16.2	ug/L	0.51	16.2	ug/L	0.51	3.17%
QC value within limits for Mo 202.031 Recovery = 108.07%								
Na 589.592†	11743.7	1040	ug/L	8.1	1040	ug/L	8.1	0.77%
QC value within limits for Na 589.592 Recovery = 104.30%								
Ni 231.604†	419.9	21.2	ug/L	0.48	21.2	ug/L	0.48	2.24%
QC value within limits for Ni 231.604 Recovery = 106.09%								
Pb 220.353†	89.4	26.3	ug/L	0.78	26.3	ug/L	0.78	2.98%
QC value within limits for Pb 220.353 Recovery = 105.05%								
Sb 206.836†	155.9	50.2	ug/L	1.48	50.2	ug/L	1.48	2.95%
QC value within limits for Sb 206.836 Recovery = 100.37%								
Se 196.026†	34.8	31.2	ug/L	3.23	31.2	ug/L	3.23	10.37%
QC value within limits for Se 196.026 Recovery = 103.90%								
Sn 189.927†	36.3	9.10	ug/L	0.550	9.10	ug/L	0.550	6.04%
QC value within limits for Sn 189.927 Recovery = 91.03%								
Sr 421.552†	3092.3	4.90	ug/L	0.052	4.90	ug/L	0.052	1.06%
QC value within limits for Sr 421.552 Recovery = 98.03%								
Ti 334.940†	3716.5	5.38	ug/L	0.025	5.38	ug/L	0.025	0.47%
QC value within limits for Ti 334.940 Recovery = 107.52%								
Tl 190.801†	93.4	60.0	ug/L	1.17	60.0	ug/L	1.17	1.95%
QC value within limits for Tl 190.801 Recovery = 100.01%								
V 292.402†	709.1	10.5	ug/L	0.13	10.5	ug/L	0.13	1.22%
QC value within limits for V 292.402 Recovery = 105.49%								
Zn 206.200†	406.3	19.0	ug/L	0.53	19.0	ug/L	0.53	2.80%
QC value within limits for Zn 206.200 Recovery = 94.84%								

All analyte(s) passed QC.

Sequence No.: 10 **Autosampler Location: 7**
Sample ID: ICSA **Date Collected: 11/26/2012 12:22:02 PM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:46 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	217468.2	92.8	%	0.87				0.93%
Sc 361.383	2366895.6	87.3	%	0.98				1.12%
Ag 328.068†	-5705.6	1.10	ug/L	0.984	1.10	ug/L	0.984	89.45%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	486266.2	268000	ug/L	1063.1	268000	ug/L	1063.1	0.40%
QC value within limits for Al 308.215 Recovery = 107.01%								
As 188.979†	-14.1	-1.40	ug/L	4.273	-1.40	ug/L	4.273	305.25%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	22.1	1.01	ug/L	0.078	1.01	ug/L	0.078	7.74%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	-5609.1	-0.008	ug/L	3.2232	-0.008	ug/L	3.2232	>999.9%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	1530013.4	248000	ug/L	1672.8	248000	ug/L	1672.8	0.68%
QC value within limits for Ca 315.887 Recovery = 99.07%								
Cd 226.502†	278.8	0.049	ug/L	0.1731	0.049	ug/L	0.1731	349.94%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	200.3	-0.043	ug/L	0.2320	-0.043	ug/L	0.2320	533.88%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-71.7	0.917	ug/L	0.1933	0.917	ug/L	0.1933	21.07%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-2237.9	-5.16	ug/L	0.350	-5.16	ug/L	0.350	6.78%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	2843953.2	219000	ug/L	1839.9	219000	ug/L	1839.9	0.84%
QC value within limits for Fe 259.939 Recovery = 97.26%								
K 766.490†	163.5	21.2	ug/L	24.48	21.2	ug/L	24.48	115.38%
Mg 279.077†	2958359.2	244000	ug/L	3456.2	244000	ug/L	3456.2	1.42%
QC value within limits for Mg 279.077 Recovery = 97.66%								
Mn 257.610†	879.5	-0.540	ug/L	0.1677	-0.540	ug/L	0.1677	31.07%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-88.9	-2.98	ug/L	1.405	-2.98	ug/L	1.405	47.19%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	96.6	12.1	ug/L	4.58	12.1	ug/L	4.58	37.94%
Ni 231.604†	19.2	0.591	ug/L	0.2030	0.591	ug/L	0.2030	34.36%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	21.7	0.066	ug/L	4.3412	0.066	ug/L	4.3412	>999.9%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	29.7	-0.988	ug/L	2.5996	-0.988	ug/L	2.5996	263.24%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-159.9	0.431	ug/L	2.2526	0.431	ug/L	2.2526	523.21%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	-76.2	-6.03	ug/L	5.420	-6.03	ug/L	5.420	89.85%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	973.5	1.55	ug/L	0.101	1.55	ug/L	0.101	6.50%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	-476.4	-0.755	ug/L	0.1307	-0.755	ug/L	0.1307	17.32%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-24.3	-2.21	ug/L	1.404	-2.21	ug/L	1.404	63.54%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	1016.8	-0.059	ug/L	0.1219	-0.059	ug/L	0.1219	207.84%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	-60.5	-3.40	ug/L	0.343	-3.40	ug/L	0.343	10.08%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

==========

Sequence No.: 11 **Autosampler Location: 8**
Sample ID: ICSAB **Date Collected: 11/26/2012 12:27:22 PM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:47 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	217502.5	92.8	%	0.60				0.64%
Sc 361.383	2389868.5	88.1	%	1.09				1.23%
Ag 328.068†	28407.1	207	ug/L	1.1	207	ug/L	1.1	0.53%
QC value within limits for Ag 328.068 Recovery = 103.67%								
Al 308.215†	473983.6	261000	ug/L	1044.5	261000	ug/L	1044.5	0.40%
QC value within limits for Al 308.215 Recovery = 104.31%								
As 188.979†	152.9	97.6	ug/L	2.25	97.6	ug/L	2.25	2.31%
QC value within limits for As 188.979 Recovery = 97.65%								
Ba 233.527†	88797.5	484	ug/L	2.1	484	ug/L	2.1	0.44%
QC value within limits for Ba 233.527 Recovery = 96.88%								
Be 234.861†	166550.5	539	ug/L	11.4	539	ug/L	11.4	2.12%
QC value within limits for Be 234.861 Recovery = 107.74%								
Ca 315.887†	1502432.4	243000	ug/L	467.2	243000	ug/L	467.2	0.19%
QC value within limits for Ca 315.887 Recovery = 97.28%								
Cd 226.502†	12793.4	872	ug/L	1.2	872	ug/L	1.2	0.13%
QC value within limits for Cd 226.502 Recovery = 87.22%								
Co 228.616†	17680.8	443	ug/L	2.6	443	ug/L	2.6	0.58%
QC value within limits for Co 228.616 Recovery = 88.63%								
Cr 267.716†	26529.1	481	ug/L	5.8	481	ug/L	5.8	1.21%
QC value within limits for Cr 267.716 Recovery = 96.20%								
Cu 324.752†	194720.3	504	ug/L	3.1	504	ug/L	3.1	0.62%
QC value within limits for Cu 324.752 Recovery = 100.80%								
Fe 259.939†	2797277.6	215000	ug/L	590.0	215000	ug/L	590.0	0.27%
QC value within limits for Fe 259.939 Recovery = 95.66%								
K 766.490†	116.6	11.9	ug/L	6.43	11.9	ug/L	6.43	53.89%
Mg 279.077†	2924912.7	241000	ug/L	4184.8	241000	ug/L	4184.8	1.73%
QC value within limits for Mg 279.077 Recovery = 96.56%								
Mn 257.610†	415979.7	481	ug/L	2.0	481	ug/L	2.0	0.41%
QC value within limits for Mn 257.610 Recovery = 96.18%								
Mo 202.031†	3580.0	510	ug/L	9.0	510	ug/L	9.0	1.77%
QC value within limits for Mo 202.031 Recovery = 101.91%								
Na 589.592†	6.8	4.12	ug/L	5.406	4.12	ug/L	5.406	131.08%
Ni 231.604†	18911.6	945	ug/L	17.6	945	ug/L	17.6	1.86%
QC value within limits for Ni 231.604 Recovery = 94.49%								
Pb 220.353†	166.7	45.6	ug/L	1.88	45.6	ug/L	1.88	4.13%
QC value within limits for Pb 220.353 Recovery = 91.18%								
Sb 206.836†	1880.9	572	ug/L	10.3	572	ug/L	10.3	1.80%
QC value within limits for Sb 206.836 Recovery = 95.30%								
Se 196.026†	-93.8	54.6	ug/L	1.42	54.6	ug/L	1.42	2.60%
QC value within limits for Se 196.026 Recovery = 109.26%								
Sn 189.927†	1467.8	499	ug/L	6.4	499	ug/L	6.4	1.29%
QC value within limits for Sn 189.927 Recovery = 99.86%								
Sr 421.552†	304783.0	483	ug/L	5.0	483	ug/L	5.0	1.04%
QC value within limits for Sr 421.552 Recovery = 96.50%								
Ti 334.940†	362659.8	530	ug/L	4.4	530	ug/L	4.4	0.83%
QC value within limits for Ti 334.940 Recovery = 106.04%								
Tl 190.801†	117.5	85.9	ug/L	2.36	85.9	ug/L	2.36	2.75%
QC value within limits for Tl 190.801 Recovery = 85.88%								
V 292.402†	34406.2	490	ug/L	8.0	490	ug/L	8.0	1.64%
QC value within limits for V 292.402 Recovery = 97.97%								
Zn 206.200†	22051.3	932	ug/L	13.5	932	ug/L	13.5	1.44%
QC value within limits for Zn 206.200 Recovery = 93.17%								

All analyte(s) passed QC.

==========

Sequence No.: 12 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/26/2012 12:32:37 PM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:48 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	223574.9	95.4	%	1.28				1.34%
Sc 361.383	2532183.3	93.4	%	0.71				0.76%
Ag 328.068†	86585.9	532	ug/L	12.9	532	ug/L	12.9	2.43%
QC value within limits for Ag 328.068 Recovery = 106.37%								
Al 308.215†	46223.1	25400	ug/L	259.2	25400	ug/L	259.2	1.02%
QC value within limits for Al 308.215 Recovery = 101.73%								
As 188.979†	875.3	508	ug/L	1.1	508	ug/L	1.1	0.21%
QC value within limits for As 188.979 Recovery = 101.61%								
Ba 233.527†	95693.6	521	ug/L	5.6	521	ug/L	5.6	1.07%
QC value within limits for Ba 233.527 Recovery = 104.25%								
Be 234.861†	176611.0	556	ug/L	2.9	556	ug/L	2.9	0.53%
QC value greater than the upper limit for Be 234.861 Recovery = 111.25%								
Ca 315.887†	151305.4	24500	ug/L	29.9	24500	ug/L	29.9	0.12%
QC value within limits for Ca 315.887 Recovery = 97.97%								
Cd 226.502†	7047.4	487	ug/L	6.8	487	ug/L	6.8	1.39%
QC value within limits for Cd 226.502 Recovery = 97.45%								
Co 228.616†	19703.9	499	ug/L	7.8	499	ug/L	7.8	1.57%
QC value within limits for Co 228.616 Recovery = 99.78%								
Cr 267.716†	28796.2	520	ug/L	5.0	520	ug/L	5.0	0.97%
QC value within limits for Cr 267.716 Recovery = 104.03%								
Cu 324.752†	196565.4	509	ug/L	1.2	509	ug/L	1.2	0.24%
QC value within limits for Cu 324.752 Recovery = 101.73%								
Fe 259.939†	532782.0	41000	ug/L	210.2	41000	ug/L	210.2	0.51%
QC value within limits for Fe 259.939 Recovery = 102.48%								
K 766.490†	128243.1	25400	ug/L	356.2	25400	ug/L	356.2	1.40%
QC value within limits for K 766.490 Recovery = 101.48%								
Mg 279.077†	305824.0	25200	ug/L	223.4	25200	ug/L	223.4	0.89%
QC value within limits for Mg 279.077 Recovery = 100.97%								
Mn 257.610†	445556.5	516	ug/L	3.3	516	ug/L	3.3	0.64%
QC value within limits for Mn 257.610 Recovery = 103.27%								
Mo 202.031†	3838.8	538	ug/L	5.4	538	ug/L	5.4	1.01%
QC value within limits for Mo 202.031 Recovery = 107.64%								
Na 589.592†	297751.3	26400	ug/L	522.9	26400	ug/L	522.9	1.98%
QC value within limits for Na 589.592 Recovery = 105.44%								
Ni 231.604†	10972.9	548	ug/L	11.7	548	ug/L	11.7	2.14%
QC value within limits for Ni 231.604 Recovery = 109.70%								
Pb 220.353†	1615.3	499	ug/L	2.8	499	ug/L	2.8	0.55%
QC value within limits for Pb 220.353 Recovery = 99.89%								
Sb 206.836†	1608.7	496	ug/L	1.7	496	ug/L	1.7	0.35%
QC value within limits for Sb 206.836 Recovery = 99.23%								
Se 196.026†	608.5	539	ug/L	2.7	539	ug/L	2.7	0.50%
QC value within limits for Se 196.026 Recovery = 107.86%								
Sn 189.927†	1286.6	420	ug/L	6.4	420	ug/L	6.4	1.52%
QC value within limits for Sn 189.927 Recovery = 105.06%								
Sr 421.552†	242857.7	384	ug/L	3.9	384	ug/L	3.9	1.01%
QC value within limits for Sr 421.552 Recovery = 96.12%								
Ti 334.940†	292008.2	427	ug/L	2.7	427	ug/L	2.7	0.63%
QC value within limits for Ti 334.940 Recovery = 106.72%								
Tl 190.801†	774.7	498	ug/L	1.7	498	ug/L	1.7	0.34%
QC value within limits for Tl 190.801 Recovery = 99.69%								
V 292.402†	36189.5	528	ug/L	14.5	528	ug/L	14.5	2.74%
QC value within limits for V 292.402 Recovery = 105.61%								
Zn 206.200†	12702.9	539	ug/L	9.1	539	ug/L	9.1	1.68%
QC value within limits for Zn 206.200 Recovery = 107.84%								

QC Failed. Continue with analysis.

Sequence No.: 13 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/26/2012 12:42:50 PM**
Analyst: **Data Type: Reprocessed on 11/26/2012 1:02:50 PM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231348.6	98.7	%	1.35				1.37%
Sc 361.383	2633300.8	97.1	%	1.19				1.22%
Ag 328.068†	-21.5	0.113	ug/L	0.0842	0.113	ug/L	0.0842	74.40%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	4.6	0.658	ug/L	6.8167	0.658	ug/L	6.8167	>999.9%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	-1.2	-0.769	ug/L	2.3740	-0.769	ug/L	2.3740	308.85%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	-9.0	-0.034	ug/L	0.0086	-0.034	ug/L	0.0086	25.34%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	2.8	0.055	ug/L	0.0073	0.055	ug/L	0.0073	13.19%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	61.5	9.52	ug/L	1.399	9.52	ug/L	1.399	14.69%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	-2.7	-0.303	ug/L	0.0569	-0.303	ug/L	0.0569	18.80%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	-9.3	-0.340	ug/L	0.0794	-0.340	ug/L	0.0794	23.35%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	10.9	0.213	ug/L	0.0284	0.213	ug/L	0.0284	13.35%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-443.5	-0.517	ug/L	0.3305	-0.517	ug/L	0.3305	63.89%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	184.2	11.5	ug/L	3.13	11.5	ug/L	3.13	27.28%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	138.8	16.3	ug/L	5.54	16.3	ug/L	5.54	33.88%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	75.7	5.91	ug/L	0.536	5.91	ug/L	0.536	9.08%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	32.4	-0.078	ug/L	0.0065	-0.078	ug/L	0.0065	8.32%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-2.1	-0.246	ug/L	0.0962	-0.246	ug/L	0.0962	39.03%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-53.1	-1.18	ug/L	5.547	-1.18	ug/L	5.547	470.16%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-15.2	-0.486	ug/L	0.2965	-0.486	ug/L	0.2965	61.03%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	9.6	1.38	ug/L	0.620	1.38	ug/L	0.620	44.84%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-2.7	0.959	ug/L	0.6203	0.959	ug/L	0.6203	64.65%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-0.1	1.57	ug/L	2.856	1.57	ug/L	2.856	181.54%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	4.7	-1.31	ug/L	1.107	-1.31	ug/L	1.107	84.28%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	69.0	0.115	ug/L	0.0292	0.115	ug/L	0.0292	25.34%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	4.4	-0.052	ug/L	0.0578	-0.052	ug/L	0.0578	111.75%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-3.7	-2.60	ug/L	0.875	-2.60	ug/L	0.875	33.66%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	11.4	0.319	ug/L	0.0340	0.319	ug/L	0.0340	10.64%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	-99.4	-2.41	ug/L	0.121	-2.41	ug/L	0.121	5.00%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

==========

Analysis Begun

Start Time: 11/26/2012 1:07:11 PM **Plasma On Time: 11/26/2012 9:50:30 AM**
Logged In Analyst: inorg **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3112401Autosampler Model: AS-93plus

Sample Information File: D:\pe\inorg\Sample Information\112612A.sif
Batch ID: 112612A
Results Data Set: 112612A-1
Results Library: d:\pe\inorg\Results\Results.mdb

==========

Sequence No.: 1 **Autosampler Location: 6**
Sample ID: ICV **Date Collected: 11/26/2012 1:07:13 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**
User canceled analysis.

==========

Analysis Begun

Start Time: 11/26/2012 1:07:57 PM **Plasma On Time: 11/26/2012 9:50:30 AM**
Logged In Analyst: inorg **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3112401Autosampler Model: AS-93plus

Sample Information File: D:\pe\inorg\Sample Information\112612A.sif
Batch ID: 112612A
Results Data Set: 112612A-1
Results Library: d:\pe\inorg\Results\Results.mdb

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Sequence No.: 16 **Autosampler Location: 38**
Sample ID: 154608MB **Date Collected: 11/26/2012 1:07:57 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**
User canceled analysis.

==========

Analysis Begun

Start Time: 11/26/2012 1:08:57 PM **Plasma On Time: 11/26/2012 9:50:30 AM**
Logged In Analyst: inorg **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3112401Autosampler Model: AS-93plus

Sample Information File: D:\pe\inorg\Sample Information\112612A.sif
Batch ID: 112612A
Results Data Set: 112612A-1
Results Library: d:\pe\inorg\Results\Results.mdb

==========

Sequence No.: 1 **Autosampler Location: 6**
Sample ID: ICV **Date Collected: 11/26/2012 1:08:58 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**
User canceled analysis.

==========

Analysis Begun

Start Time: 11/26/2012 1:09:17 PM **Plasma On Time: 11/26/2012 9:50:30 AM**
Logged In Analyst: inorg **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3112401Autosampler Model: AS-93plus

Sample Information File: D:\pe\inorg\Sample Information\112612A.sif
Batch ID: 112612A
Results Data Set: 112612A-1
Results Library: d:\pe\inorg\Results\Results.mdb

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Sequence No.: 16 **Autosampler Location: 38**
Sample ID: 154608MB **Date Collected: 11/26/2012 1:09:18 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154608MB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sc Radial	230881.9	98.5	%	1.55				1.57%
Sc 361.383	2631948.0	97.1	%	0.39				0.40%
Ag 328.068†	20.7	0.368	ug/L	0.0695	0.368	ug/L	0.0695	18.87%
Al 308.215†	23.9	11.3	ug/L	2.73	11.3	ug/L	2.73	24.26%
As 188.979†	-0.4	-0.305	ug/L	0.7949	-0.305	ug/L	0.7949	260.24%
Ba 233.527†	17.4	0.110	ug/L	0.0171	0.110	ug/L	0.0171	15.58%
Be 234.861†	-10.3	0.014	ug/L	0.0114	0.014	ug/L	0.0114	82.82%
Ca 315.887†	139.3	22.1	ug/L	0.84	22.1	ug/L	0.84	3.82%
Cd 226.502†	-3.5	-0.360	ug/L	0.1195	-0.360	ug/L	0.1195	33.19%
Co 228.616†	-15.6	-0.499	ug/L	0.1184	-0.499	ug/L	0.1184	23.72%
Cr 267.716†	8.0	0.160	ug/L	0.1224	0.160	ug/L	0.1224	76.40%
Cu 324.752†	-615.2	-0.966	ug/L	0.3418	-0.966	ug/L	0.3418	35.40%
Fe 259.939†	100.0	5.00	ug/L	0.109	5.00	ug/L	0.109	2.17%
K 766.490†	37.2	-3.78	ug/L	13.772	-3.78	ug/L	13.772	364.00%
Mg 279.077†	47.1	3.56	ug/L	1.294	3.56	ug/L	1.294	36.39%
Mn 257.610†	1787.0	1.96	ug/L	0.223	1.96	ug/L	0.223	11.38%
Mo 202.031†	-4.5	-0.588	ug/L	0.1298	-0.588	ug/L	0.1298	22.07%
Na 589.592†	-68.1	-2.51	ug/L	2.994	-2.51	ug/L	2.994	119.41%
Ni 231.604†	-11.8	-0.315	ug/L	0.2161	-0.315	ug/L	0.2161	68.64%
Pb 220.353†	8.3	0.969	ug/L	0.6962	0.969	ug/L	0.6962	71.84%
Sb 206.836†	-3.6	0.671	ug/L	0.5907	0.671	ug/L	0.5907	87.99%
Se 196.026†	3.9	4.91	ug/L	1.540	4.91	ug/L	1.540	31.33%
Sn 189.927†	20.9	3.97	ug/L	0.944	3.97	ug/L	0.944	23.78%
Sr 421.552†	55.5	0.094	ug/L	0.0171	0.094	ug/L	0.0171	18.16%
Ti 334.940†	43.9	0.006	ug/L	0.0570	0.006	ug/L	0.0570	941.43%
Tl 190.801†	-3.8	-2.64	ug/L	1.127	-2.64	ug/L	1.127	42.73%
V 292.402†	2.2	0.185	ug/L	0.0580	0.185	ug/L	0.0580	31.30%
Zn 206.200†	-42.7	-0.019	ug/L	0.0352	-0.019	ug/L	0.0352	184.03%

Sequence No.: 17 **Autosampler Location: 39**
Sample ID: 154609LCS **Date Collected: 11/26/2012 1:15:29 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154609LCS

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	223957.6	95.6	%	1.81				1.89%
Sc 361.383	2486223.0	91.7	%	0.62				0.68%
Ag 328.068†	33694.3	213	ug/L	4.1	213	ug/L	4.1	1.92%
Al 308.215†	93492.9	51400	ug/L	563.0	51400	ug/L	563.0	1.09%
As 188.979†	874.0	508	ug/L	3.4	508	ug/L	3.4	0.67%
Ba 233.527†	279286.8	1520	ug/L	7.2	1520	ug/L	7.2	0.47%
Be 234.861†	178778.2	564	ug/L	7.4	564	ug/L	7.4	1.32%
Ca 315.887†	303626.6	49100	ug/L	81.3	49100	ug/L	81.3	0.17%
Cd 226.502†	6742.7	465	ug/L	6.9	465	ug/L	6.9	1.49%
Co 228.616†	19001.0	481	ug/L	8.6	481	ug/L	8.6	1.79%
Cr 267.716†	28397.7	513	ug/L	3.0	513	ug/L	3.0	0.58%
Cu 324.752†	199467.7	516	ug/L	1.2	516	ug/L	1.2	0.22%
Fe 259.939†	657658.8	50600	ug/L	319.7	50600	ug/L	319.7	0.63%
K 766.490†	260066.8	51500	ug/L	423.9	51500	ug/L	423.9	0.82%
Mg 279.077†	588850.5	48600	ug/L	1049.5	48600	ug/L	1049.5	2.16%
Mn 257.610†	443399.3	514	ug/L	2.1	514	ug/L	2.1	0.40%
Mo 202.031†	3827.2	537	ug/L	6.2	537	ug/L	6.2	1.15%
Na 589.592†	598873.0	53000	ug/L	1047.7	53000	ug/L	1047.7	1.98%
Ni 231.604†	10636.0	532	ug/L	5.6	532	ug/L	5.6	1.05%
Pb 220.353†	1560.4	483	ug/L	4.0	483	ug/L	4.0	0.82%
Sb 206.836†	1601.6	494	ug/L	5.7	494	ug/L	5.7	1.16%
Se 196.026†	601.0	540	ug/L	5.8	540	ug/L	5.8	1.07%
Sn 189.927†	1590.5	522	ug/L	5.3	522	ug/L	5.3	1.02%
Sr 421.552†	292791.0	464	ug/L	2.8	464	ug/L	2.8	0.60%
Ti 334.940†	380964.7	557	ug/L	2.8	557	ug/L	2.8	0.51%
Tl 190.801†	741.9	478	ug/L	9.4	478	ug/L	9.4	1.97%
V 292.402†	36246.8	528	ug/L	8.9	528	ug/L	8.9	1.68%
Zn 206.200†	12258.8	520	ug/L	5.1	520	ug/L	5.1	0.98%

Sequence No.: 18 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/26/2012 1:20:48 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	226337.0	96.6	%	0.45				0.46%
Sc 361.383	2538496.6	93.6	%	1.10				1.17%
Ag 328.068†	83964.5	516	ug/L	8.9	516	ug/L	8.9	1.72%
QC value within limits for Ag 328.068 Recovery = 103.17%								
Al 308.215†	46097.7	25400	ug/L	96.7	25400	ug/L	96.7	0.38%
QC value within limits for Al 308.215 Recovery = 101.46%								
As 188.979†	863.0	501	ug/L	6.5	501	ug/L	6.5	1.29%
QC value within limits for As 188.979 Recovery = 100.18%								
Ba 233.527†	94082.8	512	ug/L	6.3	512	ug/L	6.3	1.24%
QC value within limits for Ba 233.527 Recovery = 102.49%								
Be 234.861†	180020.8	567	ug/L	8.3	567	ug/L	8.3	1.47%
QC value greater than the upper limit for Be 234.861 Recovery = 113.37%								
Ca 315.887†	150286.2	24300	ug/L	53.4	24300	ug/L	53.4	0.22%
QC value within limits for Ca 315.887 Recovery = 97.31%								
Cd 226.502†	6788.4	469	ug/L	9.2	469	ug/L	9.2	1.97%
QC value within limits for Cd 226.502 Recovery = 93.85%								
Co 228.616†	18944.8	480	ug/L	6.4	480	ug/L	6.4	1.34%
QC value within limits for Co 228.616 Recovery = 95.92%								
Cr 267.716†	28359.3	512	ug/L	6.5	512	ug/L	6.5	1.27%
QC value within limits for Cr 267.716 Recovery = 102.46%								
Cu 324.752†	198842.6	515	ug/L	5.8	515	ug/L	5.8	1.12%
QC value within limits for Cu 324.752 Recovery = 102.91%								
Fe 259.939†	525716.1	40400	ug/L	683.6	40400	ug/L	683.6	1.69%
QC value within limits for Fe 259.939 Recovery = 101.12%								
K 766.490†	129119.7	25500	ug/L	73.5	25500	ug/L	73.5	0.29%
QC value within limits for K 766.490 Recovery = 102.18%								
Mg 279.077†	300232.5	24800	ug/L	269.9	24800	ug/L	269.9	1.09%
QC value within limits for Mg 279.077 Recovery = 99.12%								
Mn 257.610†	444278.7	515	ug/L	2.8	515	ug/L	2.8	0.54%
QC value within limits for Mn 257.610 Recovery = 102.97%								
Mo 202.031†	3813.5	535	ug/L	3.0	535	ug/L	3.0	0.55%
QC value within limits for Mo 202.031 Recovery = 106.93%								
Na 589.592†	293734.4	26000	ug/L	290.1	26000	ug/L	290.1	1.12%
QC value within limits for Na 589.592 Recovery = 104.02%								
Ni 231.604†	10871.5	543	ug/L	8.6	543	ug/L	8.6	1.57%
QC value within limits for Ni 231.604 Recovery = 108.68%								
Pb 220.353†	1582.6	489	ug/L	7.9	489	ug/L	7.9	1.60%
QC value within limits for Pb 220.353 Recovery = 97.86%								
Sb 206.836†	1586.7	489	ug/L	6.7	489	ug/L	6.7	1.36%
QC value within limits for Sb 206.836 Recovery = 97.89%								
Se 196.026†	603.2	535	ug/L	4.7	535	ug/L	4.7	0.89%
QC value within limits for Se 196.026 Recovery = 106.91%								
Sn 189.927†	1278.8	418	ug/L	2.4	418	ug/L	2.4	0.56%
QC value within limits for Sn 189.927 Recovery = 104.44%								
Sr 421.552†	244004.2	386	ug/L	10.6	386	ug/L	10.6	2.75%
QC value within limits for Sr 421.552 Recovery = 96.57%								
Ti 334.940†	296869.6	434	ug/L	5.8	434	ug/L	5.8	1.34%
QC value within limits for Ti 334.940 Recovery = 108.50%								
Tl 190.801†	752.1	484	ug/L	6.7	484	ug/L	6.7	1.39%
QC value within limits for Tl 190.801 Recovery = 96.80%								
V 292.402†	35290.5	515	ug/L	8.5	515	ug/L	8.5	1.65%
QC value within limits for V 292.402 Recovery = 102.99%								
Zn 206.200†	12465.9	529	ug/L	4.6	529	ug/L	4.6	0.86%
QC value within limits for Zn 206.200 Recovery = 105.84%								

QC Failed. Retry.

Sequence No.: 19 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/26/2012 1:23:30 PM**
Analyst: **Data Type: Original**

Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	225006.9	96.0	%	0.86				0.90%
Sc 361.383	2535002.6	93.5	%	1.23				1.32%
Ag 328.068†	83922.3	516	ug/L	7.0	516	ug/L	7.0	1.36%
QC value within limits for Ag 328.068 Recovery = 103.14%								
Al 308.215†	46046.6	25300	ug/L	202.0	25300	ug/L	202.0	0.80%
QC value within limits for Al 308.215 Recovery = 101.35%								
As 188.979†	870.2	505	ug/L	7.2	505	ug/L	7.2	1.42%
QC value within limits for As 188.979 Recovery = 101.01%								
Ba 233.527†	94641.6	516	ug/L	7.8	516	ug/L	7.8	1.52%
QC value within limits for Ba 233.527 Recovery = 103.10%								
Be 234.861†	174165.5	549	ug/L	3.9	549	ug/L	3.9	0.71%
QC value within limits for Be 234.861 Recovery = 109.72%								
Ca 315.887†	151251.9	24500	ug/L	134.4	24500	ug/L	134.4	0.55%
QC value within limits for Ca 315.887 Recovery = 97.93%								
Cd 226.502†	6897.8	477	ug/L	14.1	477	ug/L	14.1	2.96%
QC value within limits for Cd 226.502 Recovery = 95.36%								
Co 228.616†	19275.5	488	ug/L	9.8	488	ug/L	9.8	2.00%
QC value within limits for Co 228.616 Recovery = 97.60%								
Cr 267.716†	28382.8	513	ug/L	8.1	513	ug/L	8.1	1.57%
QC value within limits for Cr 267.716 Recovery = 102.54%								
Cu 324.752†	196363.8	508	ug/L	4.9	508	ug/L	4.9	0.97%
QC value within limits for Cu 324.752 Recovery = 101.63%								
Fe 259.939†	533777.4	41100	ug/L	130.1	41100	ug/L	130.1	0.32%
QC value within limits for Fe 259.939 Recovery = 102.67%								
K 766.490†	128126.4	25300	ug/L	194.5	25300	ug/L	194.5	0.77%
QC value within limits for K 766.490 Recovery = 101.39%								
Mg 279.077†	301402.1	24900	ug/L	126.4	24900	ug/L	126.4	0.51%
QC value within limits for Mg 279.077 Recovery = 99.51%								
Mn 257.610†	444751.1	515	ug/L	4.6	515	ug/L	4.6	0.90%
QC value within limits for Mn 257.610 Recovery = 103.08%								
Mo 202.031†	3801.5	533	ug/L	3.8	533	ug/L	3.8	0.71%
QC value within limits for Mo 202.031 Recovery = 106.60%								
Na 589.592†	299283.6	26500	ug/L	304.7	26500	ug/L	304.7	1.15%
QC value within limits for Na 589.592 Recovery = 105.98%								
Ni 231.604†	10757.7	538	ug/L	8.9	538	ug/L	8.9	1.66%
QC value within limits for Ni 231.604 Recovery = 107.54%								
Pb 220.353†	1597.5	494	ug/L	5.3	494	ug/L	5.3	1.07%
QC value within limits for Pb 220.353 Recovery = 98.77%								
Sb 206.836†	1590.6	491	ug/L	6.0	491	ug/L	6.0	1.22%
QC value within limits for Sb 206.836 Recovery = 98.13%								
Se 196.026†	597.2	530	ug/L	6.9	530	ug/L	6.9	1.30%
QC value within limits for Se 196.026 Recovery = 105.96%								
Sn 189.927†	1284.5	420	ug/L	6.1	420	ug/L	6.1	1.45%
QC value within limits for Sn 189.927 Recovery = 104.89%								
Sr 421.552†	244183.8	387	ug/L	6.5	387	ug/L	6.5	1.67%
QC value within limits for Sr 421.552 Recovery = 96.64%								
Ti 334.940†	292697.0	428	ug/L	4.2	428	ug/L	4.2	0.98%
QC value within limits for Ti 334.940 Recovery = 106.97%								
Tl 190.801†	755.9	486	ug/L	7.6	486	ug/L	7.6	1.57%
QC value within limits for Tl 190.801 Recovery = 97.29%								
V 292.402†	35073.9	512	ug/L	7.8	512	ug/L	7.8	1.52%
QC value within limits for V 292.402 Recovery = 102.34%								
Zn 206.200†	12481.7	530	ug/L	7.2	530	ug/L	7.2	1.35%
QC value within limits for Zn 206.200 Recovery = 105.97%								

All analyte(s) passed QC.

Sequence No.: 20 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/26/2012 1:28:44 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	227927.7	97.3	%	1.22				1.25%
Sc 361.383	2629924.7	97.0	%	1.04				1.07%
Ag 328.068†	2.0	0.256	ug/L	0.1508	0.256	ug/L	0.1508	58.86%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	-2.5	-3.26	ug/L	3.662	-3.26	ug/L	3.662	112.38%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	3.7	2.04	ug/L	2.003	2.04	ug/L	2.003	98.21%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	-2.2	0.003	ug/L	0.0299	0.003	ug/L	0.0299	923.32%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	22.2	0.116	ug/L	0.0202	0.116	ug/L	0.0202	17.36%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	58.2	9.00	ug/L	1.671	9.00	ug/L	1.671	18.56%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	-3.1	-0.335	ug/L	0.1325	-0.335	ug/L	0.1325	39.56%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	-8.1	-0.309	ug/L	0.1655	-0.309	ug/L	0.1655	53.51%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	14.6	0.279	ug/L	0.0206	0.279	ug/L	0.0206	7.37%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-542.2	-0.774	ug/L	0.1660	-0.774	ug/L	0.1660	21.45%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	201.5	12.8	ug/L	3.79	12.8	ug/L	3.79	29.60%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	18.3	-7.52	ug/L	27.328	-7.52	ug/L	27.328	363.61%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	83.7	6.57	ug/L	0.728	6.57	ug/L	0.728	11.09%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	51.2	-0.056	ug/L	0.0019	-0.056	ug/L	0.0019	3.29%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-0.4	-0.008	ug/L	0.2742	-0.008	ug/L	0.2742	>999.9%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-3.1	3.25	ug/L	1.272	3.25	ug/L	1.272	39.18%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-11.8	-0.317	ug/L	0.1834	-0.317	ug/L	0.1834	57.93%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	7.1	0.600	ug/L	0.2046	0.600	ug/L	0.2046	34.11%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-4.4	0.408	ug/L	0.7907	0.408	ug/L	0.7907	193.94%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	0.2	1.78	ug/L	2.410	1.78	ug/L	2.410	135.63%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	1.1	-2.51	ug/L	1.591	-2.51	ug/L	1.591	63.32%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	92.0	0.152	ug/L	0.0459	0.152	ug/L	0.0459	30.27%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	-10.6	-0.074	ug/L	0.0249	-0.074	ug/L	0.0249	33.78%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-2.2	-1.63	ug/L	1.382	-1.63	ug/L	1.382	84.89%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	6.9	0.254	ug/L	0.0598	0.254	ug/L	0.0598	23.58%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	-104.3	-2.62	ug/L	0.150	-2.62	ug/L	0.150	5.73%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 21 **Autosampler Location: 40**
Sample ID: 154610LCSD **Date Collected: 11/26/2012 1:34:52 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154610LCSD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	228514.4	97.5	%	1.36				1.39%
Sc 361.383	2512978.4	92.7	%	0.18				0.20%
Ag 328.068†	33478.6	211	ug/L	1.6	211	ug/L	1.6	0.74%
Al 308.215†	92112.5	50700	ug/L	594.7	50700	ug/L	594.7	1.17%
As 188.979†	884.1	513	ug/L	2.1	513	ug/L	2.1	0.41%
Ba 233.527†	281183.2	1530	ug/L	3.8	1530	ug/L	3.8	0.25%
Be 234.861†	178133.5	562	ug/L	3.2	562	ug/L	3.2	0.57%
Ca 315.887†	299963.7	48600	ug/L	701.1	48600	ug/L	701.1	1.44%
Cd 226.502†	6717.3	463	ug/L	3.0	463	ug/L	3.0	0.66%
Co 228.616†	19084.7	483	ug/L	6.1	483	ug/L	6.1	1.27%
Cr 267.716†	28375.8	513	ug/L	0.6	513	ug/L	0.6	0.12%
Cu 324.752†	201284.2	521	ug/L	2.4	521	ug/L	2.4	0.46%
Fe 259.939†	648771.9	49900	ug/L	565.7	49900	ug/L	565.7	1.13%
K 766.490†	257118.8	50900	ug/L	805.9	50900	ug/L	805.9	1.58%
Mg 279.077†	586900.4	48400	ug/L	680.9	48400	ug/L	680.9	1.41%
Mn 257.610†	449582.5	521	ug/L	1.3	521	ug/L	1.3	0.25%
Mo 202.031†	3863.1	542	ug/L	2.2	542	ug/L	2.2	0.40%
Na 589.592†	593145.4	52500	ug/L	1118.1	52500	ug/L	1118.1	2.13%
Ni 231.604†	10498.2	525	ug/L	1.6	525	ug/L	1.6	0.31%
Pb 220.353†	1582.9	490	ug/L	3.3	490	ug/L	3.3	0.67%
Sb 206.836†	1621.4	500	ug/L	1.6	500	ug/L	1.6	0.33%
Se 196.026†	602.8	541	ug/L	5.4	541	ug/L	5.4	1.00%
Sn 189.927†	1645.3	540	ug/L	3.3	540	ug/L	3.3	0.62%
Sr 421.552†	298167.6	472	ug/L	11.1	472	ug/L	11.1	2.36%
Ti 334.940†	380928.5	557	ug/L	4.0	557	ug/L	4.0	0.72%
Tl 190.801†	755.8	487	ug/L	1.5	487	ug/L	1.5	0.31%
V 292.402†	36055.0	525	ug/L	4.6	525	ug/L	4.6	0.87%
Zn 206.200†	12192.6	518	ug/L	0.9	518	ug/L	0.9	0.17%

Sequence No.: 22 **Autosampler Location: 41**
Sample ID: 350763301 **Date Collected: 11/26/2012 1:40:09 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350763301

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	222672.6	95.0	%	0.52				0.54%
Sc 361.383	2450990.9	90.4	%	0.53				0.58%
Ag 328.068†	-190.4	-0.804	ug/L	0.0359	-0.804	ug/L	0.0359	4.47%
Al 308.215†	593.7	325	ug/L	1.3	325	ug/L	1.3	0.41%
As 188.979†	12.3	7.02	ug/L	2.532	7.02	ug/L	2.532	36.09%
Ba 233.527†	9658.2	52.6	ug/L	0.46	52.6	ug/L	0.46	0.88%
Be 234.861†	-41.9	-0.032	ug/L	0.0027	-0.032	ug/L	0.0027	8.59%
Ca 315.887†	1388536.7	225000	ug/L	1019.0	225000	ug/L	1019.0	0.45%
Cd 226.502†	23.9	1.49	ug/L	0.192	1.49	ug/L	0.192	12.89%
Co 228.616†	-18.9	-0.608	ug/L	0.2827	-0.608	ug/L	0.2827	46.51%
Cr 267.716†	146.8	2.67	ug/L	0.307	2.67	ug/L	0.307	11.50%
Cu 324.752†	303.3	1.34	ug/L	0.299	1.34	ug/L	0.299	22.30%
Fe 259.939†	8741.6	670	ug/L	4.4	670	ug/L	4.4	0.65%
K 766.490†	26483.2	5230	ug/L	16.0	5230	ug/L	16.0	0.31%
Mg 279.077†	1060882.3	87600	ug/L	468.6	87600	ug/L	468.6	0.54%
Mn 257.610†	37498.1	43.4	ug/L	0.48	43.4	ug/L	0.48	1.10%
Mo 202.031†	8.1	1.20	ug/L	0.767	1.20	ug/L	0.767	63.74%
Na 589.592†	563448.4	49900	ug/L	344.4	49900	ug/L	344.4	0.69%
Ni 231.604†	-2.4	0.147	ug/L	0.5219	0.147	ug/L	0.5219	354.78%
Pb 220.353†	-5.6	-3.40	ug/L	1.166	-3.40	ug/L	1.166	34.31%
Sb 206.836†	17.2	7.08	ug/L	1.610	7.08	ug/L	1.610	22.74%
Se 196.026†	-13.6	8.68	ug/L	4.082	8.68	ug/L	4.082	47.00%
Sn 189.927†	-66.3	-0.818	ug/L	2.2804	-0.818	ug/L	2.2804	278.79%
Sr 421.552†	4788267.1	7580	ug/L	164.7	7580	ug/L	164.7	2.17%
Ti 334.940†	3860.5	5.59	ug/L	0.612	5.59	ug/L	0.612	10.96%
Tl 190.801†	12.0	7.59	ug/L	3.476	7.59	ug/L	3.476	45.83%
V 292.402†	180.5	2.75	ug/L	0.088	2.75	ug/L	0.088	3.18%
Zn 206.200†	208.7	10.6	ug/L	0.20	10.6	ug/L	0.20	1.88%

Sequence No.: 23 **Autosampler Location: 42**
Sample ID: 350763301L **Date Collected: 11/26/2012 1:46:29 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 350763301L

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	230259.4	98.3	%	0.66				0.68%
Sc 361.383	2570108.1	94.8	%	0.61				0.64%
Ag 328.068†	-60.4	-0.102	ug/L	0.0391	-0.511	ug/L	0.1954	38.22%
Al 308.215†	118.4	63.3	ug/L	2.38	316	ug/L	11.9	3.76%
As 188.979†	7.6	4.28	ug/L	1.193	21.4	ug/L	5.97	27.86%
Ba 233.527†	1957.6	10.7	ug/L	0.05	53.4	ug/L	0.27	0.51%
Be 234.861†	-13.6	0.014	ug/L	0.0058	0.071	ug/L	0.0288	40.33%
Ca 315.887†	275464.1	44600	ug/L	83.5	223000	ug/L	417.5	0.19%
Cd 226.502†	9.1	0.504	ug/L	0.0987	2.52	ug/L	0.494	19.58%
Co 228.616†	-16.0	-0.514	ug/L	0.0853	-2.57	ug/L	0.427	16.60%
Cr 267.716†	38.5	0.713	ug/L	0.1885	3.57	ug/L	0.943	26.44%
Cu 324.752†	-242.2	-0.016	ug/L	0.2847	-0.080	ug/L	1.4237	>999.9%
Fe 259.939†	1807.6	136	ug/L	1.5	682	ug/L	7.7	1.12%
K 766.490†	5123.3	1000	ug/L	1.4	5010	ug/L	6.8	0.14%
Mg 279.077†	214801.1	17700	ug/L	148.2	88600	ug/L	741.2	0.84%
Mn 257.610†	8034.1	9.20	ug/L	0.139	46.0	ug/L	0.70	1.51%
Mo 202.031†	-8.3	-1.11	ug/L	0.455	-5.54	ug/L	2.274	41.03%
Na 589.592†	108779.4	9630	ug/L	34.4	48200	ug/L	172.1	0.36%
Ni 231.604†	-12.7	-0.367	ug/L	0.0855	-1.84	ug/L	0.428	23.29%
Pb 220.353†	-0.2	-1.68	ug/L	1.923	-8.41	ug/L	9.613	114.30%
Sb 206.836†	3.6	2.90	ug/L	1.785	14.5	ug/L	8.93	61.47%
Se 196.026†	-10.4	-3.46	ug/L	1.659	-17.3	ug/L	8.30	47.93%
Sn 189.927†	-32.8	-8.85	ug/L	1.050	-44.3	ug/L	5.25	11.86%
Sr 421.552†	944646.0	1500	ug/L	12.0	7480	ug/L	60.1	0.80%
Ti 334.940†	389.1	0.511	ug/L	0.0862	2.55	ug/L	0.431	16.88%
Tl 190.801†	11.9	7.44	ug/L	2.478	37.2	ug/L	12.39	33.29%
V 292.402†	48.3	0.852	ug/L	0.0715	4.26	ug/L	0.358	8.39%
Zn 206.200†	32.3	3.15	ug/L	0.242	15.7	ug/L	1.21	7.69%

Sequence No.: 24 **Autosampler Location: 43**
Sample ID: 154611MS **Date Collected: 11/26/2012 1:52:41 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154611MS

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	218508.2	93.2	%	1.42				1.52%
Sc 361.383	2389377.6	88.1	%	0.81				0.92%
Ag 328.068†	33510.7	212	ug/L	3.1	212	ug/L	3.1	1.48%
Al 308.215†	98732.3	54300	ug/L	501.6	54300	ug/L	501.6	0.92%
As 188.979†	932.6	541	ug/L	5.4	541	ug/L	5.4	1.00%
Ba 233.527†	286721.5	1560	ug/L	25.3	1560	ug/L	25.3	1.62%
Be 234.861†	183844.0	580	ug/L	10.5	580	ug/L	10.5	1.81%
Ca 315.887†	1718289.4	278000	ug/L	6419.0	278000	ug/L	6419.0	2.31%
Cd 226.502†	6461.3	445	ug/L	2.8	445	ug/L	2.8	0.64%
Co 228.616†	18436.3	466	ug/L	12.4	466	ug/L	12.4	2.66%
Cr 267.716†	27986.1	506	ug/L	7.5	506	ug/L	7.5	1.47%
Cu 324.752†	203620.1	527	ug/L	9.8	527	ug/L	9.8	1.86%
Fe 259.939†	673046.2	51800	ug/L	332.4	51800	ug/L	332.4	0.64%
K 766.490†	302049.3	59800	ug/L	477.9	59800	ug/L	477.9	0.80%
Mg 279.077†	1625302.2	134000	ug/L	1001.6	134000	ug/L	1001.6	0.75%
Mn 257.610†	480780.1	557	ug/L	10.4	557	ug/L	10.4	1.86%
Mo 202.031†	3851.9	541	ug/L	6.7	541	ug/L	6.7	1.25%
Na 589.592†	1199698.9	106000	ug/L	2153.4	106000	ug/L	2153.4	2.03%
Ni 231.604†	10191.7	509	ug/L	6.0	509	ug/L	6.0	1.18%
Pb 220.353†	1529.0	473	ug/L	3.3	473	ug/L	3.3	0.70%
Sb 206.836†	1694.9	523	ug/L	2.6	523	ug/L	2.6	0.50%
Se 196.026†	612.2	569	ug/L	5.0	569	ug/L	5.0	0.89%
Sn 189.927†	1548.9	533	ug/L	4.9	533	ug/L	4.9	0.92%
Sr 421.552†	5188161.9	8210	ug/L	98.8	8210	ug/L	98.8	1.20%
Ti 334.940†	389463.5	569	ug/L	10.9	569	ug/L	10.9	1.91%
Tl 190.801†	714.5	461	ug/L	2.1	461	ug/L	2.1	0.45%
V 292.402†	36049.2	525	ug/L	10.8	525	ug/L	10.8	2.06%
Zn 206.200†	11840.1	503	ug/L	5.8	503	ug/L	5.8	1.15%

Sequence No.: 25 **Autosampler Location: 44**
Sample ID: 154612MSD **Date Collected: 11/26/2012 1:58:10 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154612MSD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	217088.5	92.6	%	0.75				0.81%
Sc 361.383	2396200.7	88.4	%	0.17				0.19%
Ag 328.068†	34449.4	218	ug/L	2.3	218	ug/L	2.3	1.04%
Al 308.215†	99551.6	54800	ug/L	361.8	54800	ug/L	361.8	0.66%
As 188.979†	934.1	542	ug/L	3.5	542	ug/L	3.5	0.64%
Ba 233.527†	287836.3	1570	ug/L	16.3	1570	ug/L	16.3	1.04%
Be 234.861†	186057.7	587	ug/L	15.7	587	ug/L	15.7	2.67%
Ca 315.887†	1731089.0	280000	ug/L	977.0	280000	ug/L	977.0	0.35%
Cd 226.502†	6475.2	446	ug/L	4.8	446	ug/L	4.8	1.08%
Co 228.616†	18535.1	469	ug/L	6.6	469	ug/L	6.6	1.41%
Cr 267.716†	28140.4	508	ug/L	4.6	508	ug/L	4.6	0.91%
Cu 324.752†	208859.2	540	ug/L	5.8	540	ug/L	5.8	1.08%
Fe 259.939†	675802.6	52000	ug/L	140.2	52000	ug/L	140.2	0.27%
K 766.490†	305105.7	60400	ug/L	137.1	60400	ug/L	137.1	0.23%
Mg 279.077†	1660256.3	137000	ug/L	965.1	137000	ug/L	965.1	0.70%
Mn 257.610†	484038.8	561	ug/L	6.7	561	ug/L	6.7	1.19%
Mo 202.031†	3865.9	542	ug/L	3.5	542	ug/L	3.5	0.64%
Na 589.592†	1192793.9	106000	ug/L	658.8	106000	ug/L	658.8	0.62%
Ni 231.604†	10222.3	511	ug/L	3.8	511	ug/L	3.8	0.74%
Pb 220.353†	1540.8	477	ug/L	5.6	477	ug/L	5.6	1.18%
Sb 206.836†	1683.1	519	ug/L	0.1	519	ug/L	0.1	0.02%
Se 196.026†	611.4	568	ug/L	5.9	568	ug/L	5.9	1.03%
Sn 189.927†	1604.8	551	ug/L	4.1	551	ug/L	4.1	0.75%
Sr 421.552†	5209477.4	8250	ug/L	205.6	8250	ug/L	205.6	2.49%
Ti 334.940†	409817.5	599	ug/L	9.8	599	ug/L	9.8	1.64%
Tl 190.801†	737.9	476	ug/L	6.3	476	ug/L	6.3	1.33%
V 292.402†	36992.8	539	ug/L	7.2	539	ug/L	7.2	1.33%
Zn 206.200†	11834.2	502	ug/L	2.8	502	ug/L	2.8	0.55%

Sequence No.: 26 **Autosampler Location: 45**
Sample ID: 350763301A **Date Collected: 11/26/2012 2:03:37 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350763301A

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	220694.8	94.2	%	0.72				0.77%
Sc 361.383	2385023.0	88.0	%	1.34				1.52%
Ag 328.068†	35419.4	223	ug/L	3.1	223	ug/L	3.1	1.38%
Al 308.215†	95547.1	52600	ug/L	294.7	52600	ug/L	294.7	0.56%
As 188.979†	946.6	549	ug/L	9.5	549	ug/L	9.5	1.74%
Ba 233.527†	290615.6	1580	ug/L	15.2	1580	ug/L	15.2	0.96%
Be 234.861†	189978.1	599	ug/L	21.8	599	ug/L	21.8	3.63%
Ca 315.887†	1614303.5	261000	ug/L	1930.6	261000	ug/L	1930.6	0.74%
Cd 226.502†	6463.7	446	ug/L	6.3	446	ug/L	6.3	1.42%
Co 228.616†	18898.3	478	ug/L	1.8	478	ug/L	1.8	0.38%
Cr 267.716†	28504.6	515	ug/L	4.7	515	ug/L	4.7	0.92%
Cu 324.752†	210384.2	544	ug/L	8.6	544	ug/L	8.6	1.58%
Fe 259.939†	651831.1	50200	ug/L	247.4	50200	ug/L	247.4	0.49%
K 766.490†	293373.2	58100	ug/L	371.7	58100	ug/L	371.7	0.64%
Mg 279.077†	1554409.8	128000	ug/L	1181.3	128000	ug/L	1181.3	0.92%
Mn 257.610†	489975.1	568	ug/L	4.5	568	ug/L	4.5	0.79%
Mo 202.031†	3927.2	551	ug/L	10.0	551	ug/L	10.0	1.82%
Na 589.592†	1146065.2	101000	ug/L	495.0	101000	ug/L	495.0	0.49%
Ni 231.604†	10481.8	524	ug/L	9.8	524	ug/L	9.8	1.87%
Pb 220.353†	1546.8	479	ug/L	6.4	479	ug/L	6.4	1.34%
Sb 206.836†	1645.6	507	ug/L	6.3	507	ug/L	6.3	1.25%
Se 196.026†	623.9	576	ug/L	9.6	576	ug/L	9.6	1.66%
Sn 189.927†	1580.0	541	ug/L	11.1	541	ug/L	11.1	2.04%
Sr 421.552†	4860254.7	7690	ug/L	40.6	7690	ug/L	40.6	0.53%
Ti 334.940†	397367.9	581	ug/L	12.1	581	ug/L	12.1	2.09%
Tl 190.801†	744.7	480	ug/L	4.7	480	ug/L	4.7	0.97%
V 292.402†	37200.6	542	ug/L	8.9	542	ug/L	8.9	1.64%
Zn 206.200†	12124.1	515	ug/L	9.0	515	ug/L	9.0	1.75%

Sequence No.: 27 **Autosampler Location: 46**
Sample ID: 350763302 **Date Collected: 11/26/2012 2:09:04 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350763302

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	222361.7	94.9	%	0.69				0.73%
Sc 361.383	2534377.1	93.5	%	0.83				0.88%
Ag 328.068†	-534.7	0.351	ug/L	0.0682	0.351	ug/L	0.0682	19.44%
Al 308.215†	622.9	341	ug/L	2.0	341	ug/L	2.0	0.59%
As 188.979†	12.3	7.68	ug/L	2.836	7.68	ug/L	2.836	36.94%
Ba 233.527†	5548.2	30.3	ug/L	0.27	30.3	ug/L	0.27	0.90%
Be 234.861†	-516.8	0.082	ug/L	0.1739	0.082	ug/L	0.1739	211.07%
Ca 315.887†	493214.6	79800	ug/L	251.8	79800	ug/L	251.8	0.32%
Cd 226.502†	34.9	0.498	ug/L	0.0995	0.498	ug/L	0.0995	19.98%
Co 228.616†	8.4	-0.377	ug/L	0.0990	-0.377	ug/L	0.0990	26.24%
Cr 267.716†	84.9	1.76	ug/L	0.168	1.76	ug/L	0.168	9.59%
Cu 324.752†	-234.1	-0.148	ug/L	0.1600	-0.148	ug/L	0.1600	108.44%
Fe 259.939†	268832.9	20700	ug/L	143.3	20700	ug/L	143.3	0.69%
K 766.490†	17910.8	3530	ug/L	41.5	3530	ug/L	41.5	1.18%
Mg 279.077†	373289.1	30800	ug/L	197.3	30800	ug/L	197.3	0.64%
Mn 257.610†	89642.0	104	ug/L	0.7	104	ug/L	0.7	0.70%
Mo 202.031†	-3.5	0.447	ug/L	0.6467	0.447	ug/L	0.6467	144.58%
Na 589.592†	305104.8	27000	ug/L	329.9	27000	ug/L	329.9	1.22%
Ni 231.604†	38.5	2.13	ug/L	0.391	2.13	ug/L	0.391	18.36%
Pb 220.353†	14.2	0.467	ug/L	0.1707	0.467	ug/L	0.1707	36.58%
Sb 206.836†	12.8	4.62	ug/L	1.221	4.62	ug/L	1.221	26.44%
Se 196.026†	-24.1	-1.48	ug/L	3.106	-1.48	ug/L	3.106	210.53%
Sn 189.927†	42.5	19.0	ug/L	1.70	19.0	ug/L	1.70	8.96%
Sr 421.552†	711434.8	1130	ug/L	10.4	1130	ug/L	10.4	0.92%
Ti 334.940†	4397.3	6.37	ug/L	0.992	6.37	ug/L	0.992	15.57%
Tl 190.801†	5.2	4.43	ug/L	0.901	4.43	ug/L	0.901	20.34%
V 292.402†	311.2	3.28	ug/L	0.194	3.28	ug/L	0.194	5.89%
Zn 206.200†	136.5	7.30	ug/L	0.202	7.30	ug/L	0.202	2.77%

Sequence No.: 28 **Autosampler Location: 47**
Sample ID: 350763303 **Date Collected: 11/26/2012 2:15:18 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350763303

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	218349.4	93.2	%	0.22				0.24%
Sc 361.383	2422550.6	89.4	%	1.13				1.26%
Ag 328.068†	-1699.2	0.140	ug/L	0.2096	0.140	ug/L	0.2096	149.95%
Al 308.215†	4203.0	2310	ug/L	7.8	2310	ug/L	7.8	0.34%
As 188.979†	10.0	7.70	ug/L	3.111	7.70	ug/L	3.111	40.40%
Ba 233.527†	4976.3	27.4	ug/L	0.40	27.4	ug/L	0.40	1.47%
Be 234.861†	-1476.3	0.461	ug/L	0.8726	0.461	ug/L	0.8726	189.18%
Ca 315.887†	1355517.0	219000	ug/L	959.2	219000	ug/L	959.2	0.44%
Cd 226.502†	79.6	-0.115	ug/L	0.3622	-0.115	ug/L	0.3622	314.97%
Co 228.616†	287.6	5.72	ug/L	0.251	5.72	ug/L	0.251	4.40%
Cr 267.716†	441.5	8.62	ug/L	0.099	8.62	ug/L	0.099	1.15%
Cu 324.752†	-512.6	-1.22	ug/L	0.267	-1.22	ug/L	0.267	21.95%
Fe 259.939†	818319.8	63000	ug/L	131.8	63000	ug/L	131.8	0.21%
K 766.490†	97134.1	19200	ug/L	117.4	19200	ug/L	117.4	0.61%
Mg 279.077†	1902137.2	157000	ug/L	2398.8	157000	ug/L	2398.8	1.53%
Mn 257.610†	273366.6	316	ug/L	5.3	316	ug/L	5.3	1.66%
Mo 202.031†	-27.9	-1.15	ug/L	0.393	-1.15	ug/L	0.393	34.24%
Na 589.592†	2089634.4	185000	ug/L	1302.9	185000	ug/L	1302.9	0.70%
Ni 231.604†	73.6	3.77	ug/L	0.451	3.77	ug/L	0.451	11.98%
Pb 220.353†	22.0	-1.81	ug/L	1.627	-1.81	ug/L	1.627	90.13%
Sb 206.836†	13.1	2.38	ug/L	1.886	2.38	ug/L	1.886	79.33%
Se 196.026†	-49.8	10.1	ug/L	3.74	10.1	ug/L	3.74	37.15%
Sn 189.927†	-57.3	0.394	ug/L	0.4374	0.394	ug/L	0.4374	111.00%
Sr 421.552†	203473.0	322	ug/L	2.0	322	ug/L	2.0	0.61%
Ti 334.940†	16493.0	24.1	ug/L	0.28	24.1	ug/L	0.28	1.16%
Tl 190.801†	3.8	6.14	ug/L	3.162	6.14	ug/L	3.162	51.47%
V 292.402†	1848.4	22.9	ug/L	0.05	22.9	ug/L	0.05	0.23%
Zn 206.200†	2305.8	98.4	ug/L	1.08	98.4	ug/L	1.08	1.10%

Sequence No.: 29 **Autosampler Location: 48**
Sample ID: 350763304 **Date Collected: 11/26/2012 2:20:41 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350763304

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	226744.4	96.8	%	1.88				1.94%
Sc 361.383	2536080.6	93.5	%	1.02				1.09%
Ag 328.068†	-655.9	0.275	ug/L	0.2484	0.275	ug/L	0.2484	90.24%
Al 308.215†	657.6	360	ug/L	8.4	360	ug/L	8.4	2.34%
As 188.979†	14.0	8.76	ug/L	3.376	8.76	ug/L	3.376	38.52%
Ba 233.527†	6341.2	34.6	ug/L	0.34	34.6	ug/L	0.34	0.98%
Be 234.861†	-624.2	0.072	ug/L	0.5207	0.072	ug/L	0.5207	722.71%
Ca 315.887†	716669.6	116000	ug/L	118.2	116000	ug/L	118.2	0.10%
Cd 226.502†	39.5	0.455	ug/L	0.2422	0.455	ug/L	0.2422	53.19%
Co 228.616†	57.0	0.771	ug/L	0.1437	0.771	ug/L	0.1437	18.65%
Cr 267.716†	243.8	4.67	ug/L	0.084	4.67	ug/L	0.084	1.80%
Cu 324.752†	-394.2	-0.884	ug/L	0.1246	-0.884	ug/L	0.1246	14.09%
Fe 259.939†	321738.7	24800	ug/L	137.2	24800	ug/L	137.2	0.55%
K 766.490†	35787.6	7070	ug/L	40.1	7070	ug/L	40.1	0.57%
Mg 279.077†	463878.3	38300	ug/L	1165.1	38300	ug/L	1165.1	3.04%
Mn 257.610†	260073.0	301	ug/L	1.8	301	ug/L	1.8	0.61%
Mo 202.031†	-22.1	-1.98	ug/L	0.537	-1.98	ug/L	0.537	27.10%
Na 589.592†	531453.9	47000	ug/L	465.4	47000	ug/L	465.4	0.99%
Ni 231.604†	29.4	1.66	ug/L	0.183	1.66	ug/L	0.183	10.98%
Pb 220.353†	6.3	-2.47	ug/L	2.077	-2.47	ug/L	2.077	84.17%
Sb 206.836†	9.5	3.34	ug/L	2.171	3.34	ug/L	2.171	64.95%
Se 196.026†	-33.9	-4.70	ug/L	0.819	-4.70	ug/L	0.819	17.44%
Sn 189.927†	-28.8	-0.539	ug/L	0.5970	-0.539	ug/L	0.5970	110.81%
Sr 421.552†	782389.7	1240	ug/L	10.0	1240	ug/L	10.0	0.81%
Ti 334.940†	1839.1	2.63	ug/L	0.245	2.63	ug/L	0.245	9.33%
Tl 190.801†	8.6	6.87	ug/L	1.171	6.87	ug/L	1.171	17.04%
V 292.402†	914.1	11.8	ug/L	0.20	11.8	ug/L	0.20	1.68%
Zn 206.200†	184.5	9.29	ug/L	0.222	9.29	ug/L	0.222	2.39%

Sequence No.: 30 **Autosampler Location: 49**
Sample ID: 350763305 **Date Collected: 11/26/2012 2:26:57 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350763305

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	231394.1	98.7	%	0.68				0.68%
Sc 361.383	2663588.0	98.2	%	1.40				1.42%
Ag 328.068†	-39.8	0.168	ug/L	0.0392	0.168	ug/L	0.0392	23.32%
Al 308.215†	1208.7	663	ug/L	4.9	663	ug/L	4.9	0.74%
As 188.979†	17.6	10.1	ug/L	1.99	10.1	ug/L	1.99	19.72%
Ba 233.527†	634.9	3.48	ug/L	0.045	3.48	ug/L	0.045	1.30%
Be 234.861†	-46.7	-0.018	ug/L	0.0217	-0.018	ug/L	0.0217	123.78%
Ca 315.887†	126439.5	20500	ug/L	122.0	20500	ug/L	122.0	0.60%
Cd 226.502†	6.1	0.221	ug/L	0.0792	0.221	ug/L	0.0792	35.90%
Co 228.616†	-18.2	-0.608	ug/L	0.0882	-0.608	ug/L	0.0882	14.52%
Cr 267.716†	66.1	1.22	ug/L	0.042	1.22	ug/L	0.042	3.43%
Cu 324.752†	-445.8	-0.643	ug/L	0.2820	-0.643	ug/L	0.2820	43.84%
Fe 259.939†	13477.4	1030	ug/L	4.5	1030	ug/L	4.5	0.44%
K 766.490†	9861.1	1940	ug/L	35.6	1940	ug/L	35.6	1.84%
Mg 279.077†	36343.1	3000	ug/L	34.3	3000	ug/L	34.3	1.14%
Mn 257.610†	62174.8	72.0	ug/L	0.80	72.0	ug/L	0.80	1.11%
Mo 202.031†	4.9	0.769	ug/L	0.4205	0.769	ug/L	0.4205	54.70%
Na 589.592†	28017.1	2480	ug/L	3.4	2480	ug/L	3.4	0.14%
Ni 231.604†	-3.7	0.082	ug/L	0.3548	0.082	ug/L	0.3548	432.31%
Pb 220.353†	-0.7	-1.88	ug/L	2.012	-1.88	ug/L	2.012	106.87%
Sb 206.836†	4.5	3.14	ug/L	1.703	3.14	ug/L	1.703	54.19%
Se 196.026†	-10.6	-5.15	ug/L	2.604	-5.15	ug/L	2.604	50.53%
Sn 189.927†	-17.3	-6.31	ug/L	1.505	-6.31	ug/L	1.505	23.87%
Sr 421.552†	106372.2	168	ug/L	3.7	168	ug/L	3.7	2.17%
Ti 334.940†	7241.0	10.5	ug/L	1.99	10.5	ug/L	1.99	18.86%
Tl 190.801†	4.9	3.04	ug/L	1.410	3.04	ug/L	1.410	46.34%
V 292.402†	260.9	3.90	ug/L	0.029	3.90	ug/L	0.029	0.75%
Zn 206.200†	186.9	9.66	ug/L	0.165	9.66	ug/L	0.165	1.71%

Sequence No.: 31 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/26/2012 2:33:08 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	225194.4	96.1	%	0.99				1.03%
Sc 361.383	2522378.8	93.0	%	0.60				0.64%
Ag 328.068†	85589.3	526	ug/L	2.2	526	ug/L	2.2	0.43%
QC value within limits for Ag 328.068 Recovery = 105.16%								
Al 308.215†	46171.5	25400	ug/L	44.1	25400	ug/L	44.1	0.17%
QC value within limits for Al 308.215 Recovery = 101.62%								
As 188.979†	876.3	509	ug/L	3.6	509	ug/L	3.6	0.71%
QC value within limits for As 188.979 Recovery = 101.72%								
Ba 233.527†	95323.7	519	ug/L	5.7	519	ug/L	5.7	1.11%
QC value within limits for Ba 233.527 Recovery = 103.85%								
Be 234.861†	174927.5	551	ug/L	10.3	551	ug/L	10.3	1.88%
QC value greater than the upper limit for Be 234.861 Recovery = 110.19%								
Ca 315.887†	153005.8	24800	ug/L	146.1	24800	ug/L	146.1	0.59%
QC value within limits for Ca 315.887 Recovery = 99.07%								
Cd 226.502†	7128.3	493	ug/L	4.7	493	ug/L	4.7	0.96%
QC value within limits for Cd 226.502 Recovery = 98.58%								
Co 228.616†	19765.4	500	ug/L	5.1	500	ug/L	5.1	1.03%
QC value within limits for Co 228.616 Recovery = 100.09%								
Cr 267.716†	28553.8	516	ug/L	5.8	516	ug/L	5.8	1.13%
QC value within limits for Cr 267.716 Recovery = 103.16%								
Cu 324.752†	197099.9	510	ug/L	4.6	510	ug/L	4.6	0.91%
QC value within limits for Cu 324.752 Recovery = 102.00%								
Fe 259.939†	533767.3	41100	ug/L	264.4	41100	ug/L	264.4	0.64%
QC value within limits for Fe 259.939 Recovery = 102.67%								
K 766.490†	128321.0	25400	ug/L	25.1	25400	ug/L	25.1	0.10%
QC value within limits for K 766.490 Recovery = 101.55%								
Mg 279.077†	302606.6	25000	ug/L	417.4	25000	ug/L	417.4	1.67%
QC value within limits for Mg 279.077 Recovery = 99.90%								
Mn 257.610†	447337.1	518	ug/L	2.5	518	ug/L	2.5	0.48%
QC value within limits for Mn 257.610 Recovery = 103.68%								
Mo 202.031†	3821.8	536	ug/L	4.2	536	ug/L	4.2	0.78%
QC value within limits for Mo 202.031 Recovery = 107.17%								
Na 589.592†	296784.5	26300	ug/L	420.2	26300	ug/L	420.2	1.60%
QC value within limits for Na 589.592 Recovery = 105.10%								
Ni 231.604†	10830.3	541	ug/L	8.3	541	ug/L	8.3	1.53%
QC value within limits for Ni 231.604 Recovery = 108.27%								
Pb 220.353†	1636.9	506	ug/L	2.9	506	ug/L	2.9	0.57%
QC value within limits for Pb 220.353 Recovery = 101.23%								
Sb 206.836†	1615.9	498	ug/L	2.7	498	ug/L	2.7	0.53%
QC value within limits for Sb 206.836 Recovery = 99.69%								
Se 196.026†	603.7	535	ug/L	5.4	535	ug/L	5.4	1.01%
QC value within limits for Se 196.026 Recovery = 107.07%								
Sn 189.927†	1284.0	419	ug/L	3.5	419	ug/L	3.5	0.83%
QC value within limits for Sn 189.927 Recovery = 104.86%								
Sr 421.552†	242436.6	384	ug/L	10.7	384	ug/L	10.7	2.80%
QC value within limits for Sr 421.552 Recovery = 95.95%								
Ti 334.940†	292460.1	428	ug/L	5.5	428	ug/L	5.5	1.28%
QC value within limits for Ti 334.940 Recovery = 106.89%								
Tl 190.801†	776.4	500	ug/L	4.5	500	ug/L	4.5	0.90%
QC value within limits for Tl 190.801 Recovery = 99.92%								
V 292.402†	35622.5	520	ug/L	4.9	520	ug/L	4.9	0.95%
QC value within limits for V 292.402 Recovery = 103.95%								
Zn 206.200†	12665.2	538	ug/L	8.1	538	ug/L	8.1	1.51%
QC value within limits for Zn 206.200 Recovery = 107.52%								

QC Failed. Retry.

Sequence No.: 32 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/26/2012 2:35:51 PM**
Analyst: **Data Type: Original**

Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	225319.4	96.2	%	0.93				0.97%
Sc 361.383	2547223.7	94.0	%	0.88				0.94%
Ag 328.068†	84714.7	520	ug/L	10.2	520	ug/L	10.2	1.96%
QC value within limits for Ag 328.068 Recovery = 104.09%								
Al 308.215†	46171.0	25400	ug/L	134.3	25400	ug/L	134.3	0.53%
QC value within limits for Al 308.215 Recovery = 101.62%								
As 188.979†	869.7	505	ug/L	4.9	505	ug/L	4.9	0.97%
QC value within limits for As 188.979 Recovery = 100.95%								
Ba 233.527†	94177.5	513	ug/L	7.3	513	ug/L	7.3	1.43%
QC value within limits for Ba 233.527 Recovery = 102.60%								
Be 234.861†	175635.7	553	ug/L	20.4	553	ug/L	20.4	3.70%
QC value greater than the upper limit for Be 234.861 Recovery = 110.63%								
Ca 315.887†	151652.8	24500	ug/L	108.7	24500	ug/L	108.7	0.44%
QC value within limits for Ca 315.887 Recovery = 98.19%								
Cd 226.502†	6799.6	470	ug/L	10.2	470	ug/L	10.2	2.18%
QC value within limits for Cd 226.502 Recovery = 94.00%								
Co 228.616†	19530.4	494	ug/L	13.1	494	ug/L	13.1	2.66%
QC value within limits for Co 228.616 Recovery = 98.90%								
Cr 267.716†	28262.1	511	ug/L	5.4	511	ug/L	5.4	1.06%
QC value within limits for Cr 267.716 Recovery = 102.11%								
Cu 324.752†	196697.2	509	ug/L	10.0	509	ug/L	10.0	1.97%
QC value within limits for Cu 324.752 Recovery = 101.80%								
Fe 259.939†	530397.4	40800	ug/L	460.5	40800	ug/L	460.5	1.13%
QC value within limits for Fe 259.939 Recovery = 102.02%								
K 766.490†	128130.5	25300	ug/L	187.6	25300	ug/L	187.6	0.74%
QC value within limits for K 766.490 Recovery = 101.39%								
Mg 279.077†	304602.1	25100	ug/L	279.3	25100	ug/L	279.3	1.11%
QC value within limits for Mg 279.077 Recovery = 100.56%								
Mn 257.610†	444306.4	515	ug/L	4.2	515	ug/L	4.2	0.81%
QC value within limits for Mn 257.610 Recovery = 102.98%								
Mo 202.031†	3787.5	531	ug/L	7.4	531	ug/L	7.4	1.39%
QC value within limits for Mo 202.031 Recovery = 106.21%								
Na 589.592†	296379.6	26200	ug/L	310.5	26200	ug/L	310.5	1.18%
QC value within limits for Na 589.592 Recovery = 104.95%								
Ni 231.604†	10793.8	540	ug/L	13.3	540	ug/L	13.3	2.46%
QC value within limits for Ni 231.604 Recovery = 107.91%								
Pb 220.353†	1598.7	494	ug/L	8.1	494	ug/L	8.1	1.64%
QC value within limits for Pb 220.353 Recovery = 98.85%								
Sb 206.836†	1589.8	490	ug/L	6.0	490	ug/L	6.0	1.22%
QC value within limits for Sb 206.836 Recovery = 98.08%								
Se 196.026†	601.6	533	ug/L	6.1	533	ug/L	6.1	1.14%
QC value within limits for Se 196.026 Recovery = 106.69%								
Sn 189.927†	1270.5	415	ug/L	5.9	415	ug/L	5.9	1.43%
QC value within limits for Sn 189.927 Recovery = 103.75%								
Sr 421.552†	242572.6	384	ug/L	7.9	384	ug/L	7.9	2.05%
QC value within limits for Sr 421.552 Recovery = 96.01%								
Ti 334.940†	291991.6	427	ug/L	9.8	427	ug/L	9.8	2.29%
QC value within limits for Ti 334.940 Recovery = 106.72%								
Tl 190.801†	764.8	492	ug/L	6.8	492	ug/L	6.8	1.39%
QC value within limits for Tl 190.801 Recovery = 98.42%								
V 292.402†	35394.9	516	ug/L	11.5	516	ug/L	11.5	2.23%
QC value within limits for V 292.402 Recovery = 103.29%								
Zn 206.200†	12458.2	529	ug/L	10.3	529	ug/L	10.3	1.96%
QC value within limits for Zn 206.200 Recovery = 105.77%								

QC Failed. Continue with analysis.

Sequence No.: 33 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/26/2012 2:41:04 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	226153.8	96.5	%	0.36				0.37%
Sc 361.383	2642023.6	97.4	%	0.50				0.52%
Ag 328.068†	-14.6	0.156	ug/L	0.1191	0.156	ug/L	0.1191	76.34%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	1.4	-1.12	ug/L	1.283	-1.12	ug/L	1.283	114.53%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	1.0	0.533	ug/L	1.1650	0.533	ug/L	1.1650	218.61%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	5.9	0.047	ug/L	0.0125	0.047	ug/L	0.0125	26.52%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	29.1	0.138	ug/L	0.0296	0.138	ug/L	0.0296	21.45%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	66.6	10.4	ug/L	1.82	10.4	ug/L	1.82	17.63%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	-2.8	-0.311	ug/L	0.1666	-0.311	ug/L	0.1666	53.63%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	-6.8	-0.275	ug/L	0.1457	-0.275	ug/L	0.1457	52.96%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	6.9	0.140	ug/L	0.1780	0.140	ug/L	0.1780	127.04%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-533.6	-0.752	ug/L	0.2104	-0.752	ug/L	0.2104	27.98%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	246.6	16.3	ug/L	2.63	16.3	ug/L	2.63	16.17%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	43.0	-2.63	ug/L	25.851	-2.63	ug/L	25.851	982.01%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	111.1	8.83	ug/L	3.288	8.83	ug/L	3.288	37.25%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	73.4	-0.031	ug/L	0.0269	-0.031	ug/L	0.0269	87.88%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-0.5	-0.031	ug/L	0.2364	-0.031	ug/L	0.2364	752.73%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	60.4	8.87	ug/L	4.440	8.87	ug/L	4.440	50.08%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-5.2	0.011	ug/L	0.2903	0.011	ug/L	0.2903	>999.9%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	2.9	-0.717	ug/L	1.4220	-0.717	ug/L	1.4220	198.38%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-4.8	0.310	ug/L	1.6155	0.310	ug/L	1.6155	520.81%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	2.0	3.37	ug/L	2.622	3.37	ug/L	2.622	77.78%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	4.0	-1.55	ug/L	0.090	-1.55	ug/L	0.090	5.79%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	134.7	0.219	ug/L	0.0426	0.219	ug/L	0.0426	19.42%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	90.2	0.074	ug/L	0.0845	0.074	ug/L	0.0845	114.54%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-1.5	-1.18	ug/L	0.895	-1.18	ug/L	0.895	75.81%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	16.0	0.387	ug/L	0.0757	0.387	ug/L	0.0757	19.57%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	-106.8	-2.73	ug/L	0.305	-2.73	ug/L	0.305	11.20%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 34 **Autosampler Location: 50**
Sample ID: 350763801 **Date Collected: 11/26/2012 2:47:14 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350763801

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	230422.6	98.3	%	0.55				0.56%
Sc 361.383	2563600.5	94.6	%	1.88				1.98%
Ag 328.068†	-60.3	0.304	ug/L	0.1179	0.304	ug/L	0.1179	38.79%
Al 308.215†	10.1	3.68	ug/L	0.552	3.68	ug/L	0.552	15.00%
As 188.979†	16.5	9.49	ug/L	1.905	9.49	ug/L	1.905	20.08%
Ba 233.527†	5314.8	29.0	ug/L	0.45	29.0	ug/L	0.45	1.57%
Be 234.861†	-128.7	-0.146	ug/L	0.0999	-0.146	ug/L	0.0999	68.43%
Ca 315.887†	372379.8	60300	ug/L	156.8	60300	ug/L	156.8	0.26%
Cd 226.502†	12.5	0.520	ug/L	0.1513	0.520	ug/L	0.1513	29.09%
Co 228.616†	114.4	2.74	ug/L	0.262	2.74	ug/L	0.262	9.54%
Cr 267.716†	68.4	1.28	ug/L	0.072	1.28	ug/L	0.072	5.65%
Cu 324.752†	-196.1	-4.71	ug/L	0.311	-4.71	ug/L	0.311	6.60%
Fe 259.939†	34342.5	2640	ug/L	8.2	2640	ug/L	8.2	0.31%
K 766.490†	6766.8	1330	ug/L	19.2	1330	ug/L	19.2	1.45%
Mg 279.077†	130101.9	10800	ug/L	80.4	10800	ug/L	80.4	0.75%
Mn 257.610†	2562616.9	2970	ug/L	56.5	2970	ug/L	56.5	1.90%
Mo 202.031†	0.4	0.208	ug/L	0.3279	0.208	ug/L	0.3279	157.80%
Na 589.592†	136561.1	12100	ug/L	28.8	12100	ug/L	28.8	0.24%
Ni 231.604†	88.5	4.68	ug/L	0.400	4.68	ug/L	0.400	8.54%
Pb 220.353†	6.8	0.219	ug/L	0.2549	0.219	ug/L	0.2549	116.28%
Sb 206.836†	6.6	3.68	ug/L	0.531	3.68	ug/L	0.531	14.43%
Se 196.026†	-11.6	-1.89	ug/L	3.725	-1.89	ug/L	3.725	197.42%
Sn 189.927†	14.3	8.09	ug/L	2.298	8.09	ug/L	2.298	28.39%
Sr 421.552†	190956.7	302	ug/L	4.3	302	ug/L	4.3	1.44%
Ti 334.940†	-40.4	-0.117	ug/L	0.0825	-0.117	ug/L	0.0825	70.45%
Tl 190.801†	19.8	12.7	ug/L	2.29	12.7	ug/L	2.29	18.04%
V 292.402†	3.2	0.019	ug/L	0.0682	0.019	ug/L	0.0682	350.47%
Zn 206.200†	38.3	3.37	ug/L	0.209	3.37	ug/L	0.209	6.20%

Sequence No.: 35 **Autosampler Location: 51**
Sample ID: 350763802 **Date Collected: 11/26/2012 2:53:24 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350763802

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	232919.2	99.4	%	0.15				0.15%
Sc 361.383	2599269.7	95.9	%	1.21				1.26%
Ag 328.068†	67.9	0.672	ug/L	0.1569	0.672	ug/L	0.1569	23.33%
Al 308.215†	21.1	9.74	ug/L	2.656	9.74	ug/L	2.656	27.27%
As 188.979†	10.5	6.00	ug/L	1.488	6.00	ug/L	1.488	24.80%
Ba 233.527†	8680.4	47.3	ug/L	0.67	47.3	ug/L	0.67	1.41%
Be 234.861†	-60.5	-0.134	ug/L	0.0224	-0.134	ug/L	0.0224	16.69%
Ca 315.887†	145888.6	23600	ug/L	121.8	23600	ug/L	121.8	0.52%
Cd 226.502†	3.6	0.126	ug/L	0.0958	0.126	ug/L	0.0958	75.94%
Co 228.616†	123.0	3.02	ug/L	0.083	3.02	ug/L	0.083	2.75%
Cr 267.716†	55.6	1.02	ug/L	0.013	1.02	ug/L	0.013	1.23%
Cu 324.752†	4.4	-3.53	ug/L	0.288	-3.53	ug/L	0.288	8.17%
Fe 259.939†	1546.9	116	ug/L	0.4	116	ug/L	0.4	0.30%
K 766.490†	12031.6	2370	ug/L	21.9	2370	ug/L	21.9	0.92%
Mg 279.077†	58628.9	4850	ug/L	32.2	4850	ug/L	32.2	0.66%
Mn 257.610†	2210281.8	2560	ug/L	22.0	2560	ug/L	22.0	0.86%
Mo 202.031†	3.7	0.568	ug/L	0.0913	0.568	ug/L	0.0913	16.06%
Na 589.592†	302826.6	26800	ug/L	21.9	26800	ug/L	21.9	0.08%
Ni 231.604†	95.7	5.05	ug/L	0.530	5.05	ug/L	0.530	10.49%
Pb 220.353†	3.1	-0.659	ug/L	0.4969	-0.659	ug/L	0.4969	75.44%
Sb 206.836†	0.9	2.05	ug/L	1.181	2.05	ug/L	1.181	57.67%
Se 196.026†	-6.4	-1.78	ug/L	2.312	-1.78	ug/L	2.312	129.72%
Sn 189.927†	-2.4	-1.15	ug/L	0.955	-1.15	ug/L	0.955	82.82%
Sr 421.552†	85971.7	136	ug/L	0.5	136	ug/L	0.5	0.34%
Ti 334.940†	-27.7	-0.099	ug/L	0.0311	-0.099	ug/L	0.0311	31.59%
Tl 190.801†	11.7	7.34	ug/L	0.699	7.34	ug/L	0.699	9.52%
V 292.402†	-11.9	-0.028	ug/L	0.1512	-0.028	ug/L	0.1512	540.87%
Zn 206.200†	1060.8	46.6	ug/L	0.53	46.6	ug/L	0.53	1.14%

Sequence No.: 36 **Autosampler Location: 52**
Sample ID: 350761613 **Date Collected: 11/26/2012 2:59:35 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 2X **Sample Prep Vol:**

Mean Data: 350761613

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	233514.1	99.6	%	1.14				1.15%
Sc 361.383	2627173.0	96.9	%	1.26				1.30%
Ag 328.068†	-2028.0	4.23	ug/L	0.205	8.46	ug/L	0.410	4.85%
Al 308.215†	75629.6	41600	ug/L	120.5	83200	ug/L	240.9	0.29%
As 188.979†	71.8	45.1	ug/L	4.18	90.3	ug/L	8.36	9.26%
Ba 233.527†	73306.5	400	ug/L	4.9	799	ug/L	9.9	1.24%
Be 234.861†	-1281.2	4.08	ug/L	0.427	8.15	ug/L	0.854	10.47%
Ca 315.887†	199512.0	32300	ug/L	315.2	64600	ug/L	630.4	0.98%
Cd 226.502†	210.6	5.71	ug/L	0.517	11.4	ug/L	1.03	9.06%
Co 228.616†	1163.4	26.0	ug/L	0.45	52.1	ug/L	0.90	1.72%
Cr 267.716†	6688.6	122	ug/L	1.9	243	ug/L	3.8	1.57%
Cu 324.752†	54328.1	136	ug/L	2.5	272	ug/L	5.0	1.84%
Fe 259.939†	1306264.7	101000	ug/L	1360.7	201000	ug/L	2721.4	1.35%
K 766.490†	28681.2	5670	ug/L	25.2	11300	ug/L	50.4	0.45%
Mg 279.077†	84965.5	7030	ug/L	63.8	14100	ug/L	127.6	0.91%
Mn 257.610†	2813431.5	3260	ug/L	32.1	6520	ug/L	64.3	0.98%
Mo 202.031†	19.9	7.14	ug/L	0.332	14.3	ug/L	0.66	4.65%
Na 589.592†	2430.9	219	ug/L	6.9	437	ug/L	13.8	3.15%
Ni 231.604†	1371.7	68.5	ug/L	1.00	137	ug/L	2.0	1.45%
Pb 220.353†	9092.8	2830	ug/L	52.4	5650	ug/L	104.7	1.85%
Sb 206.836†	41.8	9.29	ug/L	1.149	18.6	ug/L	2.30	12.37%
Se 196.026†	-62.1	4.17	ug/L	3.667	8.33	ug/L	7.334	88.03%
Sn 189.927†	339.2	112	ug/L	2.4	224	ug/L	4.9	2.19%
Sr 421.552†	55209.5	87.4	ug/L	2.24	175	ug/L	4.5	2.56%
Ti 334.940†	403690.1	590	ug/L	9.6	1180	ug/L	19.1	1.62%
Tl 190.801†	-13.0	-1.79	ug/L	2.983	-3.57	ug/L	5.966	166.92%
V 292.402†	7793.3	108	ug/L	1.2	215	ug/L	2.5	1.14%
Zn 206.200†	85403.8	3610	ug/L	43.3	7210	ug/L	86.6	1.20%

Sequence No.: 37 **Autosampler Location: 53**
Sample ID: 350757801 **Date Collected: 11/26/2012 3:04:53 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 20X **Sample Prep Vol:**

Mean Data: 350757801

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	222680.9	95.0	%	1.55				1.63%
Sc 361.383	2490148.9	91.8	%	0.96				1.05%
Ag 328.068†	-49.5	-0.041	ug/L	0.3396	-0.824	ug/L	6.7924	824.49%
Al 308.215†	51.6	26.5	ug/L	3.30	530	ug/L	65.9	12.45%
As 188.979†	2.7	1.50	ug/L	1.922	30.0	ug/L	38.43	128.20%
Ba 233.527†	379.5	2.08	ug/L	0.060	41.6	ug/L	1.19	2.87%
Be 234.861†	-35.0	-0.055	ug/L	0.0203	-1.11	ug/L	0.407	36.80%
Ca 315.887†	77374.9	12500	ug/L	71.0	250000	ug/L	1419.2	0.57%
Cd 226.502†	2.1	0.023	ug/L	0.0662	0.455	ug/L	1.3234	290.82%
Co 228.616†	-16.2	-0.516	ug/L	0.1899	-10.3	ug/L	3.80	36.76%
Cr 267.716†	33.7	0.625	ug/L	0.1080	12.5	ug/L	2.16	17.28%
Cu 324.752†	-55.0	0.455	ug/L	0.2103	9.10	ug/L	4.205	46.23%
Fe 259.939†	1417.3	106	ug/L	2.0	2130	ug/L	39.1	1.84%
K 766.490†	35395.4	6990	ug/L	8.5	140000	ug/L	170.5	0.12%
Mg 279.077†	301348.5	24900	ug/L	707.4	497000	ug/L	14148.8	2.84%
Mn 257.610†	16912.4	19.5	ug/L	0.45	390	ug/L	9.0	2.31%
Mo 202.031†	-3.0	-0.377	ug/L	0.4543	-7.55	ug/L	9.086	120.39%
Na 589.592†	2484825.4	220000	ug/L	2937.2	4400000	ug/L	58743.8	1.34%
Ni 231.604†	-18.2	-0.642	ug/L	0.4422	-12.8	ug/L	8.84	68.89%
Pb 220.353†	5.4	0.060	ug/L	2.3494	1.20	ug/L	46.987	>999.9%
Sb 206.836†	-1.5	1.33	ug/L	1.226	26.6	ug/L	24.52	92.34%
Se 196.026†	-8.3	-4.27	ug/L	1.995	-85.3	ug/L	39.90	46.78%
Sn 189.927†	-17.2	-7.14	ug/L	0.474	-143	ug/L	9.5	6.64%
Sr 421.552†	134398.6	213	ug/L	6.0	4260	ug/L	119.7	2.81%
Ti 334.940†	212.3	0.252	ug/L	0.1026	5.05	ug/L	2.053	40.67%
Tl 190.801†	4.9	2.95	ug/L	1.835	58.9	ug/L	36.70	62.29%
V 292.402†	27.2	0.544	ug/L	0.1633	10.9	ug/L	3.27	30.02%
Zn 206.200†	148.4	8.05	ug/L	0.263	161	ug/L	5.3	3.27%

Sequence No.: 38 **Autosampler Location: 54**
Sample ID: 350757802 **Date Collected: 11/26/2012 3:11:11 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 20X **Sample Prep Vol:**

Mean Data: 350757802

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	224944.7	96.0	%	0.29				0.30%
Sc 361.383	2517778.4	92.9	%	0.87				0.94%
Ag 328.068†	-31.5	0.063	ug/L	0.1922	1.27	ug/L	3.843	303.04%
Al 308.215†	33.3	16.4	ug/L	5.22	329	ug/L	104.3	31.71%
As 188.979†	1.7	0.940	ug/L	2.5424	18.8	ug/L	50.85	270.45%
Ba 233.527†	356.6	1.96	ug/L	0.010	39.1	ug/L	0.20	0.51%
Be 234.861†	-35.0	-0.057	ug/L	0.0277	-1.15	ug/L	0.554	48.17%
Ca 315.887†	82628.2	13400	ug/L	38.5	267000	ug/L	770.2	0.29%
Cd 226.502†	1.3	-0.032	ug/L	0.1925	-0.638	ug/L	3.8495	602.98%
Co 228.616†	-17.9	-0.559	ug/L	0.1520	-11.2	ug/L	3.04	27.18%
Cr 267.716†	39.0	0.721	ug/L	0.1026	14.4	ug/L	2.05	14.24%
Cu 324.752†	-4.7	0.593	ug/L	0.1533	11.9	ug/L	3.07	25.85%
Fe 259.939†	1037.8	77.2	ug/L	1.45	1540	ug/L	29.1	1.88%
K 766.490†	37783.9	7470	ug/L	48.4	149000	ug/L	967.9	0.65%
Mg 279.077†	341112.5	28200	ug/L	270.0	563000	ug/L	5399.4	0.96%
Mn 257.610†	13552.2	15.6	ug/L	0.21	312	ug/L	4.2	1.34%
Mo 202.031†	-2.8	-0.341	ug/L	0.2224	-6.83	ug/L	4.448	65.14%
Na 589.592†	2660266.5	235000	ug/L	2409.1	4710000	ug/L	48182.4	1.02%
Ni 231.604†	-15.5	-0.503	ug/L	0.2678	-10.1	ug/L	5.36	53.27%
Pb 220.353†	7.1	0.585	ug/L	2.6025	11.7	ug/L	52.05	445.15%
Sb 206.836†	5.1	3.39	ug/L	1.073	67.7	ug/L	21.47	31.71%
Se 196.026†	-7.1	-3.26	ug/L	0.436	-65.3	ug/L	8.73	13.37%
Sn 189.927†	-17.4	-7.12	ug/L	1.150	-142	ug/L	23.0	16.16%
Sr 421.552†	137121.2	217	ug/L	3.1	4340	ug/L	62.7	1.45%
Ti 334.940†	87.2	0.069	ug/L	0.0286	1.39	ug/L	0.571	41.11%
Tl 190.801†	-0.2	-0.319	ug/L	1.3137	-6.38	ug/L	26.274	411.98%
V 292.402†	37.4	0.697	ug/L	0.0940	13.9	ug/L	1.88	13.49%
Zn 206.200†	321.7	15.4	ug/L	0.15	307	ug/L	2.9	0.95%

Sequence No.: 39 **Autosampler Location: 55**
Sample ID: 350758901 **Date Collected: 11/26/2012 3:17:29 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 20X **Sample Prep Vol:**

Mean Data: 350758901

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	223402.1	95.3	%	0.71				0.75%
Sc 361.383	2476510.6	91.3	%	0.20				0.22%
Ag 328.068†	-56.3	-0.097	ug/L	0.0220	-1.93	ug/L	0.439	22.73%
Al 308.215†	17.5	7.75	ug/L	3.349	155	ug/L	67.0	43.19%
As 188.979†	4.1	2.29	ug/L	2.319	45.7	ug/L	46.39	101.48%
Ba 233.527†	278.4	1.53	ug/L	0.037	30.6	ug/L	0.73	2.39%
Be 234.861†	-40.4	-0.079	ug/L	0.0138	-1.59	ug/L	0.275	17.34%
Ca 315.887†	78942.2	12800	ug/L	18.9	256000	ug/L	378.2	0.15%
Cd 226.502†	1.3	-0.025	ug/L	0.1325	-0.490	ug/L	2.6496	540.53%
Co 228.616†	-14.1	-0.462	ug/L	0.1159	-9.23	ug/L	2.318	25.10%
Cr 267.716†	34.5	0.638	ug/L	0.2535	12.8	ug/L	5.07	39.70%
Cu 324.752†	64.7	0.786	ug/L	0.3071	15.7	ug/L	6.14	39.06%
Fe 259.939†	255.5	17.0	ug/L	0.61	339	ug/L	12.3	3.61%
K 766.490†	40102.1	7930	ug/L	50.4	159000	ug/L	1008.1	0.64%
Mg 279.077†	323546.5	26700	ug/L	320.7	534000	ug/L	6413.8	1.20%
Mn 257.610†	5901.5	6.73	ug/L	0.044	135	ug/L	0.9	0.65%
Mo 202.031†	-7.4	-0.993	ug/L	0.4556	-19.9	ug/L	9.11	45.87%
Na 589.592†	2753006.7	244000	ug/L	1671.5	4870000	ug/L	33430.6	0.69%
Ni 231.604†	-25.6	-1.01	ug/L	0.494	-20.2	ug/L	9.89	49.01%
Pb 220.353†	8.8	1.14	ug/L	1.131	22.7	ug/L	22.62	99.61%
Sb 206.836†	5.8	3.58	ug/L	0.399	71.6	ug/L	7.97	11.13%
Se 196.026†	-6.9	-3.16	ug/L	2.475	-63.3	ug/L	49.51	78.27%
Sn 189.927†	-16.9	-7.01	ug/L	1.060	-140	ug/L	21.2	15.12%
Sr 421.552†	128294.7	203	ug/L	1.7	4060	ug/L	34.4	0.85%
Ti 334.940†	89.2	0.072	ug/L	0.0273	1.45	ug/L	0.546	37.76%
Tl 190.801†	3.1	1.80	ug/L	1.473	35.9	ug/L	29.46	82.03%
V 292.402†	25.1	0.520	ug/L	0.1419	10.4	ug/L	2.84	27.28%
Zn 206.200†	117.3	6.74	ug/L	0.055	135	ug/L	1.1	0.81%

Sequence No.: 40 **Autosampler Location: 56**
Sample ID: 350758902 **Date Collected: 11/26/2012 3:23:47 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 20X **Sample Prep Vol:**

Mean Data: 350758902

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	227103.9	96.9	%	0.15				0.15%
Sc 361.383	2511141.6	92.6	%	0.35				0.38%
Ag 328.068†	-44.0	-0.019	ug/L	0.3411	-0.384	ug/L	6.8215	>999.9%
Al 308.215†	8.5	2.77	ug/L	3.379	55.4	ug/L	67.59	121.92%
As 188.979†	3.0	1.65	ug/L	0.734	33.0	ug/L	14.67	44.46%
Ba 233.527†	340.0	1.87	ug/L	0.023	37.3	ug/L	0.46	1.23%
Be 234.861†	-30.9	-0.048	ug/L	0.0089	-0.966	ug/L	0.1779	18.42%
Ca 315.887†	73593.3	11900	ug/L	83.1	238000	ug/L	1662.0	0.70%
Cd 226.502†	1.1	-0.040	ug/L	0.1517	-0.804	ug/L	3.0345	377.43%
Co 228.616†	-22.8	-0.683	ug/L	0.0792	-13.7	ug/L	1.58	11.60%
Cr 267.716†	25.1	0.469	ug/L	0.2180	9.37	ug/L	4.360	46.53%
Cu 324.752†	45.2	0.707	ug/L	0.1987	14.1	ug/L	3.97	28.09%
Fe 259.939†	488.2	34.9	ug/L	0.48	697	ug/L	9.7	1.38%
K 766.490†	33701.2	6660	ug/L	30.9	133000	ug/L	617.4	0.46%
Mg 279.077†	293582.8	24200	ug/L	123.6	485000	ug/L	2471.4	0.51%
Mn 257.610†	21292.9	24.6	ug/L	0.16	492	ug/L	3.1	0.63%
Mo 202.031†	-4.4	-0.578	ug/L	0.2086	-11.6	ug/L	4.17	36.08%
Na 589.592†	2332080.8	206000	ug/L	1128.4	4130000	ug/L	22568.2	0.55%
Ni 231.604†	-17.0	-0.578	ug/L	0.0888	-11.6	ug/L	1.78	15.37%
Pb 220.353†	4.7	-0.146	ug/L	1.9299	-2.93	ug/L	38.598	>999.9%
Sb 206.836†	-1.1	1.45	ug/L	0.791	29.1	ug/L	15.81	54.44%
Se 196.026†	-6.3	-2.74	ug/L	1.958	-54.7	ug/L	39.16	71.53%
Sn 189.927†	-13.4	-5.96	ug/L	1.376	-119	ug/L	27.5	23.09%
Sr 421.552†	120057.0	190	ug/L	0.8	3800	ug/L	16.6	0.44%
Ti 334.940†	-35.9	-0.111	ug/L	0.0607	-2.21	ug/L	1.214	54.88%
Tl 190.801†	0.8	0.304	ug/L	1.2260	6.08	ug/L	24.519	403.48%
V 292.402†	13.0	0.341	ug/L	0.0916	6.82	ug/L	1.833	26.88%
Zn 206.200†	76.7	5.02	ug/L	0.091	100	ug/L	1.8	1.80%

Sequence No.: 41 **Autosampler Location: 57**
Sample ID: 350762901 **Date Collected: 11/26/2012 3:30:05 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 20X **Sample Prep Vol:**

Mean Data: 350762901

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	224434.4	95.8	%	0.32				0.34%
Sc 361.383	2524667.7	93.1	%	0.64				0.69%
Ag 328.068†	-36.9	0.021	ug/L	0.1059	0.422	ug/L	2.1189	502.24%
Al 308.215†	13.1	5.32	ug/L	0.761	106	ug/L	15.2	14.31%
As 188.979†	2.2	1.19	ug/L	1.880	23.8	ug/L	37.61	158.01%
Ba 233.527†	208.2	1.15	ug/L	0.045	23.0	ug/L	0.90	3.92%
Be 234.861†	-33.2	-0.057	ug/L	0.0210	-1.14	ug/L	0.419	36.91%
Ca 315.887†	64339.9	10400	ug/L	129.3	208000	ug/L	2585.8	1.24%
Cd 226.502†	0.1	-0.114	ug/L	0.0692	-2.27	ug/L	1.384	60.96%
Co 228.616†	-13.8	-0.455	ug/L	0.1816	-9.10	ug/L	3.632	39.91%
Cr 267.716†	24.1	0.452	ug/L	0.1253	9.04	ug/L	2.507	27.73%
Cu 324.752†	-148.0	0.231	ug/L	0.0774	4.63	ug/L	1.549	33.49%
Fe 259.939†	263.1	17.5	ug/L	0.26	351	ug/L	5.2	1.48%
K 766.490†	30518.7	6030	ug/L	66.3	121000	ug/L	1326.6	1.10%
Mg 279.077†	272823.4	22500	ug/L	69.4	450000	ug/L	1387.1	0.31%
Mn 257.610†	8158.7	9.35	ug/L	0.142	187	ug/L	2.8	1.51%
Mo 202.031†	-6.9	-0.926	ug/L	0.4355	-18.5	ug/L	8.71	47.04%
Na 589.592†	2157192.8	191000	ug/L	2350.6	3820000	ug/L	47011.3	1.23%
Ni 231.604†	-19.1	-0.685	ug/L	0.1921	-13.7	ug/L	3.84	28.03%
Pb 220.353†	4.2	-0.309	ug/L	0.6697	-6.18	ug/L	13.394	216.68%
Sb 206.836†	-1.3	1.40	ug/L	0.215	28.0	ug/L	4.30	15.36%
Se 196.026†	-0.7	1.89	ug/L	5.685	37.9	ug/L	113.69	300.24%
Sn 189.927†	-13.2	-6.05	ug/L	0.857	-121	ug/L	17.1	14.17%
Sr 421.552†	104301.2	165	ug/L	0.4	3300	ug/L	8.4	0.26%
Ti 334.940†	485.3	0.652	ug/L	0.8902	13.0	ug/L	17.80	136.63%
Tl 190.801†	1.6	0.849	ug/L	2.1367	17.0	ug/L	42.73	251.59%
V 292.402†	45.7	0.821	ug/L	0.0956	16.4	ug/L	1.91	11.64%
Zn 206.200†	-10.4	1.35	ug/L	0.127	26.9	ug/L	2.55	9.47%

Sequence No.: 42 **Autosampler Location: 58**
Sample ID: 350762902 **Date Collected: 11/26/2012 3:36:23 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 20X **Sample Prep Vol:**

Mean Data: 350762902

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	225165.7	96.1	%	2.54				2.64%
Sc 361.383	2493782.9	92.0	%	0.74				0.80%
Ag 328.068†	-57.3	-0.103	ug/L	0.2909	-2.06	ug/L	5.818	282.20%
Al 308.215†	14.2	5.93	ug/L	2.224	119	ug/L	44.5	37.52%
As 188.979†	2.2	1.17	ug/L	3.235	23.5	ug/L	64.69	275.34%
Ba 233.527†	211.0	1.16	ug/L	0.043	23.3	ug/L	0.85	3.67%
Be 234.861†	-26.4	-0.036	ug/L	0.0272	-0.715	ug/L	0.5434	76.03%
Ca 315.887†	62640.0	10100	ug/L	4.7	203000	ug/L	94.9	0.05%
Cd 226.502†	-1.1	-0.192	ug/L	0.2021	-3.84	ug/L	4.041	105.25%
Co 228.616†	-15.4	-0.494	ug/L	0.1536	-9.88	ug/L	3.072	31.10%
Cr 267.716†	32.7	0.606	ug/L	0.1979	12.1	ug/L	3.96	32.66%
Cu 324.752†	14.6	0.652	ug/L	0.2977	13.0	ug/L	5.95	45.65%
Fe 259.939†	239.4	15.7	ug/L	0.75	315	ug/L	15.0	4.78%
K 766.490†	29995.2	5930	ug/L	68.0	119000	ug/L	1360.0	1.15%
Mg 279.077†	267234.6	22100	ug/L	590.6	441000	ug/L	11811.3	2.68%
Mn 257.610†	8412.6	9.64	ug/L	0.033	193	ug/L	0.7	0.34%
Mo 202.031†	-2.8	-0.346	ug/L	0.6969	-6.91	ug/L	13.939	201.71%
Na 589.592†	2132740.9	189000	ug/L	5365.7	3780000	ug/L	107314.9	2.84%
Ni 231.604†	-20.5	-0.751	ug/L	0.3366	-15.0	ug/L	6.73	44.82%
Pb 220.353†	5.9	0.211	ug/L	1.4538	4.21	ug/L	29.076	689.98%
Sb 206.836†	-4.7	0.329	ug/L	0.9274	6.58	ug/L	18.548	281.79%
Se 196.026†	-6.1	-2.69	ug/L	1.858	-53.9	ug/L	37.16	68.97%
Sn 189.927†	-17.3	-7.43	ug/L	1.350	-149	ug/L	27.0	18.16%
Sr 421.552†	102621.3	162	ug/L	4.7	3250	ug/L	93.8	2.89%
Ti 334.940†	72.7	0.048	ug/L	0.0174	0.963	ug/L	0.3476	36.08%
Tl 190.801†	1.1	0.480	ug/L	1.8975	9.60	ug/L	37.951	395.35%
V 292.402†	42.6	0.777	ug/L	0.1310	15.5	ug/L	2.62	16.87%
Zn 206.200†	0.5	1.80	ug/L	0.134	36.1	ug/L	2.68	7.43%

Sequence No.: 43 **Autosampler Location: 59**
Sample ID: 350757801 **Date Collected: 11/26/2012 3:42:42 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 350757801

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	216800.1	92.5	%	0.50				0.54%
Sc 361.383	2313126.3	85.3	%	0.46				0.54%
Ag 328.068†	-76.0	-0.173	ug/L	0.1997	-0.865	ug/L	0.9985	115.44%
Al 308.215†	112.4	60.0	ug/L	1.00	300	ug/L	5.0	1.67%
As 188.979†	6.6	3.77	ug/L	4.578	18.9	ug/L	22.89	121.40%
Ba 233.527†	1404.6	7.66	ug/L	0.026	38.3	ug/L	0.13	0.34%
Be 234.861†	-69.8	-0.150	ug/L	0.0167	-0.750	ug/L	0.0837	11.17%
Ca 315.887†	307555.6	49800	ug/L	349.8	249000	ug/L	1749.2	0.70%
Cd 226.502†	10.0	0.558	ug/L	0.1672	2.79	ug/L	0.836	29.98%
Co 228.616†	-28.2	-0.828	ug/L	0.1696	-4.14	ug/L	0.848	20.48%
Cr 267.716†	66.4	1.22	ug/L	0.168	6.08	ug/L	0.840	13.81%
Cu 324.752†	470.0	1.74	ug/L	0.417	8.68	ug/L	2.085	24.03%
Fe 259.939†	3726.0	284	ug/L	2.7	1420	ug/L	13.3	0.93%
K 766.490†	144605.4	28600	ug/L	207.0	143000	ug/L	1035.1	0.72%
Mg 279.077†	1101120.8	90900	ug/L	896.6	454000	ug/L	4483.0	0.99%
Mn 257.610†	59674.3	69.1	ug/L	0.98	345	ug/L	4.9	1.41%
Mo 202.031†	0.6	0.130	ug/L	0.5543	0.650	ug/L	2.7717	426.33%
Na 589.592†	Saturated2							
Ni 231.604†	-31.5	-1.30	ug/L	0.471	-6.51	ug/L	2.357	36.19%
Pb 220.353†	-0.5	-1.82	ug/L	1.325	-9.08	ug/L	6.623	72.95%
Sb 206.836†	9.6	4.76	ug/L	1.493	23.8	ug/L	7.46	31.36%
Se 196.026†	-16.2	-7.86	ug/L	2.389	-39.3	ug/L	11.94	30.41%
Sn 189.927†	-33.0	-8.37	ug/L	1.465	-41.8	ug/L	7.32	17.50%
Sr 421.552†	522544.0	827	ug/L	5.3	4140	ug/L	26.4	0.64%
Ti 334.940†	659.4	0.906	ug/L	0.2671	4.53	ug/L	1.335	29.48%
Tl 190.801†	3.8	2.29	ug/L	2.961	11.4	ug/L	14.80	129.33%
V 292.402†	55.9	0.954	ug/L	0.0108	4.77	ug/L	0.054	1.13%
Zn 206.200†	517.6	23.6	ug/L	0.28	118	ug/L	1.4	1.18%

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Sequence No.: 44 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/26/2012 3:48:57 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	225384.8	96.2	%	1.14				1.18%
Sc 361.383	2531177.0	93.4	%	0.51				0.55%
Ag 328.068†	84908.9	522	ug/L	16.4	522	ug/L	16.4	3.14%
QC value within limits for Ag 328.068 Recovery = 104.33%								
Al 308.215†	45705.7	25100	ug/L	47.8	25100	ug/L	47.8	0.19%
QC value within limits for Al 308.215 Recovery = 100.60%								
As 188.979†	860.8	500	ug/L	6.1	500	ug/L	6.1	1.21%
QC value within limits for As 188.979 Recovery = 99.92%								
Ba 233.527†	94282.3	514	ug/L	7.9	514	ug/L	7.9	1.53%
QC value within limits for Ba 233.527 Recovery = 102.71%								
Be 234.861†	169445.7	534	ug/L	5.8	534	ug/L	5.8	1.09%
QC value within limits for Be 234.861 Recovery = 106.76%								
Ca 315.887†	149506.8	24200	ug/L	85.9	24200	ug/L	85.9	0.35%
QC value within limits for Ca 315.887 Recovery = 96.80%								
Cd 226.502†	6991.0	483	ug/L	10.5	483	ug/L	10.5	2.18%
QC value within limits for Cd 226.502 Recovery = 96.67%								
Co 228.616†	19639.1	497	ug/L	8.0	497	ug/L	8.0	1.61%
QC value within limits for Co 228.616 Recovery = 99.45%								
Cr 267.716†	28334.0	512	ug/L	6.2	512	ug/L	6.2	1.20%
QC value within limits for Cr 267.716 Recovery = 102.37%								
Cu 324.752†	194160.5	502	ug/L	4.1	502	ug/L	4.1	0.82%
QC value within limits for Cu 324.752 Recovery = 100.49%								
Fe 259.939†	529848.3	40800	ug/L	519.6	40800	ug/L	519.6	1.27%
QC value within limits for Fe 259.939 Recovery = 101.92%								
K 766.490†	127378.6	25200	ug/L	65.6	25200	ug/L	65.6	0.26%
QC value within limits for K 766.490 Recovery = 100.80%								
Mg 279.077†	299340.9	24700	ug/L	220.8	24700	ug/L	220.8	0.89%
QC value within limits for Mg 279.077 Recovery = 98.83%								
Mn 257.610†	439654.0	509	ug/L	3.9	509	ug/L	3.9	0.77%
QC value within limits for Mn 257.610 Recovery = 101.90%								
Mo 202.031†	3738.3	524	ug/L	4.2	524	ug/L	4.2	0.80%
QC value within limits for Mo 202.031 Recovery = 104.83%								
Na 589.592†	297721.0	26400	ug/L	427.7	26400	ug/L	427.7	1.62%
QC value within limits for Na 589.592 Recovery = 105.43%								
Ni 231.604†	10595.4	530	ug/L	15.9	530	ug/L	15.9	3.01%
QC value within limits for Ni 231.604 Recovery = 105.92%								
Pb 220.353†	1616.1	500	ug/L	4.9	500	ug/L	4.9	0.98%
QC value within limits for Pb 220.353 Recovery = 99.94%								
Sb 206.836†	1596.4	492	ug/L	5.8	492	ug/L	5.8	1.18%
QC value within limits for Sb 206.836 Recovery = 98.49%								
Se 196.026†	593.2	526	ug/L	2.0	526	ug/L	2.0	0.38%
QC value within limits for Se 196.026 Recovery = 105.25%								
Sn 189.927†	1261.6	412	ug/L	5.1	412	ug/L	5.1	1.23%
QC value within limits for Sn 189.927 Recovery = 103.01%								
Sr 421.552†	245006.9	388	ug/L	4.3	388	ug/L	4.3	1.10%
QC value within limits for Sr 421.552 Recovery = 96.97%								
Ti 334.940†	286563.1	419	ug/L	4.0	419	ug/L	4.0	0.95%
QC value within limits for Ti 334.940 Recovery = 104.73%								
Tl 190.801†	777.7	500	ug/L	3.7	500	ug/L	3.7	0.73%
QC value within limits for Tl 190.801 Recovery = 100.08%								
V 292.402†	35327.8	515	ug/L	15.9	515	ug/L	15.9	3.09%
QC value within limits for V 292.402 Recovery = 103.09%								
Zn 206.200†	12272.7	521	ug/L	11.4	521	ug/L	11.4	2.19%
QC value within limits for Zn 206.200 Recovery = 104.21%								

All analyte(s) passed QC.

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Sequence No.: 45 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/26/2012 3:54:16 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	230541.8	98.4	%	0.20				0.20%
Sc 361.383	2643299.0	97.5	%	0.71				0.73%
Ag 328.068†	-16.2	0.145	ug/L	0.3437	0.145	ug/L	0.3437	236.44%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	5.0	0.877	ug/L	5.7986	0.877	ug/L	5.7986	661.10%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	-1.1	-0.702	ug/L	2.6574	-0.702	ug/L	2.6574	378.46%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	-6.3	-0.019	ug/L	0.0133	-0.019	ug/L	0.0133	69.41%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	8.3	0.073	ug/L	0.0074	0.073	ug/L	0.0074	10.19%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	64.9	10.1	ug/L	0.88	10.1	ug/L	0.88	8.71%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	-1.4	-0.213	ug/L	0.1348	-0.213	ug/L	0.1348	63.38%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	-7.5	-0.294	ug/L	0.0234	-0.294	ug/L	0.0234	7.97%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	8.8	0.175	ug/L	0.2021	0.175	ug/L	0.2021	115.66%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-673.3	-1.11	ug/L	0.109	-1.11	ug/L	0.109	9.79%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	149.8	8.83	ug/L	2.504	8.83	ug/L	2.504	28.36%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	182.5	25.0	ug/L	24.12	25.0	ug/L	24.12	96.54%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	82.6	6.48	ug/L	0.750	6.48	ug/L	0.750	11.57%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	7.4	-0.107	ug/L	0.0145	-0.107	ug/L	0.0145	13.51%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-0.1	0.025	ug/L	0.3857	0.025	ug/L	0.3857	>999.9%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	1198.2	110	ug/L	15.4	110	ug/L	15.4	14.08%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-10.7	-0.263	ug/L	0.2718	-0.263	ug/L	0.2718	103.27%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	6.5	0.404	ug/L	1.1237	0.404	ug/L	1.1237	278.27%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-4.5	0.380	ug/L	0.6752	0.380	ug/L	0.6752	177.57%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	0.4	2.03	ug/L	2.516	2.03	ug/L	2.516	124.22%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	3.8	-1.61	ug/L	0.306	-1.61	ug/L	0.306	18.95%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	103.2	0.169	ug/L	0.0159	0.169	ug/L	0.0159	9.37%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	33.8	-0.009	ug/L	0.0960	-0.009	ug/L	0.0960	>999.9%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-2.2	-1.62	ug/L	1.407	-1.62	ug/L	1.407	86.97%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	2.8	0.194	ug/L	0.1145	0.194	ug/L	0.1145	59.08%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	-111.0	-2.90	ug/L	0.057	-2.90	ug/L	0.057	1.97%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

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Sequence No.: 1 **Autosampler Location: 1**
Sample ID: STD1-Blank **Date Collected: 11/28/2012 9:23:55 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:14:27 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: STD1-Blank

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Sc Radial	219731.1	1703.49	0.78%	100	%
Sc 361.383	2572070.5	19369.87	0.75%	100	%
Ag 328.068†	-204.1	7.23	3.54%	[0.00]	ug/L
Al 308.215†	-31.9	4.58	14.38%	[0.00]	ug/L
As 188.979†	-10.9	1.84	16.83%	[0.00]	ug/L
Ba 233.527†	-147.0	3.71	2.52%	[0.00]	ug/L
Be 234.861†	-426.1	3.68	0.86%	[0.00]	ug/L
Ca 315.887†	-453.7	6.95	1.53%	[0.00]	ug/L
Cd 226.502†	-39.1	1.59	4.06%	[0.00]	ug/L
Co 228.616†	-147.5	8.46	5.73%	[0.00]	ug/L
Cr 267.716†	65.5	9.01	13.75%	[0.00]	ug/L
Cu 324.752†	4981.7	34.06	0.68%	[0.00]	ug/L
Fe 259.939†	53.5	7.97	14.90%	[0.00]	ug/L
K 766.490†	-1575.9	68.97	4.38%	[0.00]	ug/L
Mg 279.077†	133.9	10.10	7.54%	[0.00]	ug/L
Mn 257.610†	359.2	14.46	4.03%	[0.00]	ug/L
Mo 202.031†	2.8	1.46	51.82%	[0.00]	ug/L
Na 589.592†	2409.0	46.52	1.93%	[0.00]	ug/L
Ni 231.604†	-82.9	7.52	9.07%	[0.00]	ug/L
Pb 220.353†	40.0	2.81	7.04%	[0.00]	ug/L
Sb 206.836†	42.2	1.42	3.36%	[0.00]	ug/L
Se 196.026†	4.9	3.54	72.29%	[0.00]	ug/L
Sn 189.927†	3.6	3.12	85.45%	[0.00]	ug/L
Sr 421.552†	34.4	9.16	26.65%	[0.00]	ug/L
Ti 334.940†	171.6	20.13	11.73%	[0.00]	ug/L
Tl 190.801†	-39.7	4.89	12.30%	[0.00]	ug/L
V 292.402†	11.7	3.26	27.78%	[0.00]	ug/L
Zn 206.200†	7.1	3.32	46.50%	[0.00]	ug/L

Sequence No.: 2 **Autosampler Location: 14**
Sample ID: Calib Std 1Maj **Date Collected: 11/28/2012 9:30:06 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:35 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 1Maj

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Sc Radial	225014.9	2844.90	1.26%	102	%
Sc 361.383	2633014.4	30858.69	1.17%	102	%
Al 308.215†	43.0	9.66	22.45%	[25]	ug/L
Ba 233.527†	84.8	1.22	1.43%	[0.5]	ug/L
Be 234.861†	137.0	7.84	5.72%	[0.5]	ug/L
Ca 315.887†	176.2	0.56	0.32%	[25]	ug/L
Cd 226.502†	4.1	2.80	68.11%	[0.5]	ug/L
Co 228.616†	20.4	2.98	14.63%	[0.5]	ug/L
Fe 259.939†	500.8	10.93	2.18%	[40]	ug/L
K 766.490†	166.8	34.34	20.59%	[25]	ug/L
Mg 279.077†	276.0	10.66	3.86%	[25]	ug/L
Na 589.592†	311.2	82.21	26.41%	[25]	ug/L
Sr 421.552†	242.5	6.27	2.59%	[0.4]	ug/L
Ti 334.940†	229.6	24.48	10.66%	[0.4]	ug/L
V 292.402†	28.9	6.80	23.50%	[0.5]	ug/L

Sequence No.: 3 **Autosampler Location: 2**
Sample ID: Calib Std 1 **Date Collected: 11/28/2012 9:36:14 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:36 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Sc Radial	222472.9	208.13	0.09%	101	%
Sc 361.383	2603646.7	14013.88	0.54%	101	%
Ag 328.068†	763.2	16.35	2.14%	[5]	ug/L
Al 308.215†	411.6	6.50	1.58%	[250]	ug/L
As 188.979†	8.8	1.22	13.87%	[5]	ug/L
Ba 233.527†	880.0	4.98	0.57%	[5]	ug/L
Be 234.861†	1422.2	32.64	2.30%	[5]	ug/L
Ca 315.887†	1483.1	19.84	1.34%	[250]	ug/L
Cd 226.502†	71.6	0.65	0.90%	[5]	ug/L
Co 228.616†	199.3	1.92	0.96%	[5]	ug/L
Cr 267.716†	265.2	14.60	5.51%	[5]	ug/L
Cu 324.752†	1821.2	103.24	5.67%	[5]	ug/L
Fe 259.939†	5013.3	52.36	1.04%	[400]	ug/L
K 766.490†	1220.7	69.35	5.68%	[250]	ug/L
Mg 279.077†	2970.6	72.60	2.44%	[250]	ug/L
Mn 257.610†	4170.8	80.19	1.92%	[5]	ug/L
Mo 202.031†	33.0	1.92	5.84%	[5]	ug/L
Na 589.592†	2739.0	52.67	1.92%	[250]	ug/L
Ni 231.604†	101.8	5.81	5.70%	[5]	ug/L
Pb 220.353†	10.0	6.33	62.95%	[5]	ug/L
Sb 206.836†	6.9	2.44	35.28%	[5]	ug/L
Se 196.026†	6.0	1.01	16.79%	[5]	ug/L
Sn 189.927†	19.7	2.45	12.49%	[4]	ug/L
Sr 421.552†	2419.3	20.68	0.85%	[4]	ug/L
Ti 334.940†	2547.5	21.29	0.84%	[4]	ug/L
Tl 190.801†	9.2	4.01	43.46%	[5]	ug/L
V 292.402†	311.6	5.63	1.81%	[5]	ug/L
Zn 206.200†	124.5	3.70	2.98%	[5]	ug/L

Sequence No.: 4 **Autosampler Location: 3**
Sample ID: Calib Std 2 **Date Collected: 11/28/2012 9:42:23 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:37 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Sc Radial	230996.5	272.04	0.12%	105	%
Sc 361.383	2592234.5	28492.59	1.10%	101	%
Ag 328.068†	7774.3	168.76	2.17%	[50]	ug/L
Al 308.215†	4082.9	15.96	0.39%	[2500]	ug/L
As 188.979†	81.5	2.34	2.87%	[50]	ug/L
Ba 233.527†	8940.2	73.91	0.83%	[50]	ug/L
Be 234.861†	14925.0	487.09	3.26%	[50]	ug/L
Ca 315.887†	14326.2	119.23	0.83%	[2500]	ug/L
Cd 226.502†	696.1	7.00	1.01%	[50]	ug/L
Co 228.616†	1944.7	7.39	0.38%	[50]	ug/L
Cr 267.716†	2689.9	26.12	0.97%	[50]	ug/L
Cu 324.752†	17962.8	441.68	2.46%	[50]	ug/L
Fe 259.939†	49292.5	527.90	1.07%	[4000]	ug/L
K 766.490†	11556.4	112.47	0.97%	[2500]	ug/L
Mg 279.077†	28791.4	459.57	1.60%	[2500]	ug/L
Mn 257.610†	42640.2	442.14	1.04%	[50]	ug/L
Mo 202.031†	346.7	5.13	1.48%	[50]	ug/L
Na 589.592†	26221.8	264.80	1.01%	[2500]	ug/L
Ni 231.604†	998.1	13.27	1.33%	[50]	ug/L
Pb 220.353†	163.5	5.73	3.50%	[50]	ug/L
Sb 206.836†	152.5	4.93	3.23%	[50]	ug/L
Se 196.026†	51.8	0.48	0.92%	[50]	ug/L
Sn 189.927†	123.2	1.77	1.44%	[40]	ug/L
Sr 421.552†	24143.7	394.09	1.63%	[40]	ug/L
Ti 334.940†	26275.3	521.66	1.99%	[40]	ug/L
Tl 190.801†	83.3	0.28	0.33%	[50]	ug/L
V 292.402†	3215.2	89.76	2.79%	[50]	ug/L
Zn 206.200†	1189.5	17.61	1.48%	[50]	ug/L

Sequence No.: 5 **Autosampler Location: 4**
Sample ID: Calib Std 3 **Date Collected: 11/28/2012 9:47:40 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:39 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Sc Radial	221719.5	2273.94	1.03%	101	%
Sc 361.383	2495852.9	24011.70	0.96%	97.0	%
Ag 328.068†	80685.0	2453.06	3.04%	[500]	ug/L
Al 308.215†	42687.4	291.09	0.68%	[25000]	ug/L
As 188.979†	831.2	2.87	0.35%	[500]	ug/L
Ba 233.527†	90205.9	827.87	0.92%	[500]	ug/L
Be 234.861†	157719.7	2684.09	1.70%	[500]	ug/L
Ca 315.887†	147556.5	1018.47	0.69%	[25000]	ug/L
Cd 226.502†	7045.8	126.81	1.80%	[500]	ug/L
Co 228.616†	19467.0	161.76	0.83%	[500]	ug/L
Cr 267.716†	27122.1	277.80	1.02%	[500]	ug/L
Cu 324.752†	182936.7	1359.85	0.74%	[500]	ug/L
Fe 259.939†	499290.4	8662.21	1.73%	[40000]	ug/L
K 766.490†	120436.1	870.16	0.72%	[25000]	ug/L
Mg 279.077†	291053.6	5590.21	1.92%	[25000]	ug/L
Mn 257.610†	424265.4	297.17	0.07%	[500]	ug/L
Mo 202.031†	3515.0	32.08	0.91%	[500]	ug/L
Na 589.592†	272152.0	3230.33	1.19%	[25000]	ug/L
Ni 231.604†	9970.4	290.44	2.91%	[500]	ug/L
Pb 220.353†	1607.3	23.77	1.48%	[500]	ug/L
Sb 206.836†	1560.4	9.05	0.58%	[500]	ug/L
Se 196.026†	563.0	0.77	0.14%	[500]	ug/L
Sn 189.927†	1216.7	6.73	0.55%	[400]	ug/L
Sr 421.552†	241897.9	3223.38	1.33%	[400]	ug/L
Ti 334.940†	269150.7	1997.88	0.74%	[400]	ug/L
Tl 190.801†	801.3	3.74	0.47%	[500]	ug/L
V 292.402†	33525.0	987.42	2.95%	[500]	ug/L
Zn 206.200†	11923.0	203.56	1.71%	[500]	ug/L

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Sequence No.: 6 **Autosampler Location: 9**
Sample ID: Calib Std 4 **Date Collected: 11/28/2012 9:53:00 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:40 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib Std 4

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Sc Radial	206820.6	1236.80	0.60%	94.1	%
Sc 361.383	2248693.4	20116.62	0.89%	87.4	%
Al 308.215†	438884.6	896.65	0.20%	[250000]	ug/L
As 188.979†	8443.4	77.59	0.92%	[5000]	ug/L
Ba 233.527†	850493.1	7927.52	0.93%	[5000]	ug/L
Be 234.861†	1598408.7	57909.42	3.62%	[5000]	ug/L
Ca 315.887†	1446682.6	2042.20	0.14%	[250000]	ug/L
Cd 226.502†	65036.5	1144.42	1.76%	[5000]	ug/L
Co 228.616†	177442.4	2826.29	1.59%	[5000]	ug/L
Cr 267.716†	254550.8	2376.83	0.93%	[5000]	ug/L
Cu 324.752†	1893097.4	37238.04	1.97%	[5000]	ug/L
Fe 259.939†	4492677.1	7767.06	0.17%	[400000]	ug/L
K 766.490†	1262081.2	2310.51	0.18%	[250000]	ug/L
Mg 279.077†	2693883.1	24716.18	0.92%	[250000]	ug/L
Mn 257.610†	3944540.1	44466.18	1.13%	[5000]	ug/L
Mo 202.031†	33171.8	487.24	1.47%	[5000]	ug/L
Na 589.592†	2804109.4	8470.61	0.30%	[250000]	ug/L
Ni 231.604†	88517.7	2389.05	2.70%	[5000]	ug/L
Pb 220.353†	14668.4	107.76	0.73%	[5000]	ug/L
Sb 206.836†	15655.0	119.49	0.76%	[5000]	ug/L
Se 196.026†	5741.1	49.91	0.87%	[5000]	ug/L
Sn 189.927†	11553.7	107.38	0.93%	[4000]	ug/L
Sr 421.552†	2418782.4	30426.04	1.26%	[4000]	ug/L
Ti 334.940†	2612358.9	60043.66	2.30%	[4000]	ug/L
Tl 190.801†	6965.9	54.33	0.78%	[5000]	ug/L
V 292.402†	320158.4	6612.11	2.07%	[5000]	ug/L
Zn 206.200†	106994.5	1946.94	1.82%	[5000]	ug/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	3	Wt. Lin	-32.6	158.9	0.00000	0.999843	
Al 308.215	5	Wt. Lin	0.7	1.686	0.00000	0.999537	
As 188.979	4	Wt. Lin	0.5	1.658	0.00000	0.999845	
Ba 233.527	5	Wt. Lin	-3.4	176.5	0.00000	0.999737	
Be 234.861	5	Wt. Lin	-16.8	305.9	0.00000	0.999065	
Ca 315.887	5	Wt. Lin	31.1	5.804	0.00000	0.999933	
Cd 226.502	5	Wt. Lin	-2.8	13.97	0.00000	0.998781	
Co 228.616	5	Wt. Lin	1.4	38.18	0.00000	0.999066	
Cr 267.716	4	Wt. Lin	0.9	52.95	0.00000	0.999581	
Cu 324.752	4	Wt. Lin	-25.2	368.4	0.00000	0.999753	
Fe 259.939	5	Wt. Lin	17.6	12.12	0.00000	0.999013	
K 766.490	5	Wt. Lin	46.7	4.794	0.00000	0.999362	
Mg 279.077	5	Wt. Lin	-9.2	11.45	0.00000	0.999275	
Mn 257.610	4	Wt. Lin	38.2	829.0	0.00000	0.999340	
Mo 202.031	4	Wt. Lin	-1.3	6.873	0.00000	0.999656	
Na 589.592	5	Wt. Lin	39.9	10.84	0.00000	0.999685	
Ni 231.604	4	Wt. Lin	6.6	19.13	0.00000	0.998443	
Pb 220.353	4	Wt. Lin	-5.7	3.175	0.00000	0.998140	
Sb 206.836	4	Wt. Lin	-8.9	3.164	0.00000	0.999898	
Se 196.026	4	Wt. Lin	0.5	1.103	0.00000	0.998780	
Sn 189.927	4	Wt. Lin	7.9	2.931	0.00000	0.999734	
Sr 421.552	5	Wt. Lin	0.8	604.4	0.00000	1.000000	
Ti 334.940	5	Wt. Lin	-33.9	657.6	0.00000	0.999875	
Tl 190.801	4	Wt. Lin	1.6	1.539	0.00000	0.997415	
V 292.402	5	Wt. Lin	-3.5	64.66	0.00000	0.999717	
Zn 206.200	4	Wt. Lin	10.3	22.91	0.00000	0.998772	

Sequence No.: 7 **Autosampler Location: 6**
Sample ID: ICV **Date Collected: 11/28/2012 10:27:57 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:41 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	219792.3	100	%	0.9				0.90%
Sc 361.383	2509896.4	97.6	%	0.27				0.28%
Ag 328.068†	24016.2	157	ug/L	1.7	157	ug/L	1.7	1.06%
QC value within limits for Ag 328.068 Recovery = 98.36%								
Al 308.215†	67936.6	40300	ug/L	198.8	40300	ug/L	198.8	0.49%
QC value within limits for Al 308.215 Recovery = 100.74%								
As 188.979†	654.5	398	ug/L	3.6	398	ug/L	3.6	0.91%
QC value within limits for As 188.979 Recovery = 99.55%								
Ba 233.527†	206698.2	1170	ug/L	4.2	1170	ug/L	4.2	0.36%
QC value within limits for Ba 233.527 Recovery = 97.60%								
Be 234.861†	125248.6	411	ug/L	11.1	411	ug/L	11.1	2.70%
QC value within limits for Be 234.861 Recovery = 102.86%								
Ca 315.887†	229865.1	39600	ug/L	79.3	39600	ug/L	79.3	0.20%
QC value within limits for Ca 315.887 Recovery = 99.01%								
Cd 226.502†	5174.9	367	ug/L	8.0	367	ug/L	8.0	2.18%
QC value within limits for Cd 226.502 Recovery = 91.66%								
Co 228.616†	14454.1	377	ug/L	1.8	377	ug/L	1.8	0.47%
QC value within limits for Co 228.616 Recovery = 94.18%								
Cr 267.716†	20584.0	389	ug/L	2.6	389	ug/L	2.6	0.67%
QC value within limits for Cr 267.716 Recovery = 97.33%								
Cu 324.752†	140726.8	381	ug/L	3.6	381	ug/L	3.6	0.94%
QC value within limits for Cu 324.752 Recovery = 95.27%								
Fe 259.939†	488642.9	40300	ug/L	186.5	40300	ug/L	186.5	0.46%
QC value within limits for Fe 259.939 Recovery = 100.78%								
K 766.490†	191819.0	40000	ug/L	354.5	40000	ug/L	354.5	0.89%
QC value within limits for K 766.490 Recovery = 100.01%								
Mg 279.077†	458994.7	40100	ug/L	439.6	40100	ug/L	439.6	1.10%
QC value within limits for Mg 279.077 Recovery = 100.20%								
Mn 257.610†	328973.0	397	ug/L	2.1	397	ug/L	2.1	0.52%
QC value within limits for Mn 257.610 Recovery = 99.13%								
Mo 202.031†	2726.9	399	ug/L	1.7	399	ug/L	1.7	0.43%
QC value within limits for Mo 202.031 Recovery = 99.67%								
Na 589.592†	438304.9	40400	ug/L	586.5	40400	ug/L	586.5	1.45%
QC value within limits for Na 589.592 Recovery = 101.03%								
Ni 231.604†	7526.3	393	ug/L	3.8	393	ug/L	3.8	0.97%
QC value within limits for Ni 231.604 Recovery = 98.25%								
Pb 220.353†	1212.5	382	ug/L	7.5	382	ug/L	7.5	1.96%
QC value within limits for Pb 220.353 Recovery = 95.59%								
Sb 206.836†	1199.5	377	ug/L	4.4	377	ug/L	4.4	1.15%
QC value within limits for Sb 206.836 Recovery = 94.27%								
Se 196.026†	436.8	421	ug/L	5.8	421	ug/L	5.8	1.38%
QC value within limits for Se 196.026 Recovery = 105.29%								
Sn 189.927†	1155.5	397	ug/L	1.0	397	ug/L	1.0	0.25%
QC value within limits for Sn 189.927 Recovery = 99.22%								
Sr 421.552†	230498.1	381	ug/L	5.1	381	ug/L	5.1	1.34%
QC value within limits for Sr 421.552 Recovery = 95.34%								
Ti 334.940†	270592.0	412	ug/L	6.1	412	ug/L	6.1	1.48%
QC value within limits for Ti 334.940 Recovery = 102.89%								
Tl 190.801†	594.2	385	ug/L	9.8	385	ug/L	9.8	2.55%
QC value within limits for Tl 190.801 Recovery = 96.23%								
V 292.402†	25557.8	394	ug/L	6.0	394	ug/L	6.0	1.52%
QC value within limits for V 292.402 Recovery = 98.44%								
Zn 206.200†	8941.0	391	ug/L	2.3	391	ug/L	2.3	0.60%
QC value within limits for Zn 206.200 Recovery = 97.64%								

All analyte(s) passed QC.

Sequence No.: 8 **Autosampler Location: 1**
Sample ID: ICB **Date Collected: 11/28/2012 10:33:14 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:53 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	222848.2	101	%	3.1				3.04%
Sc 361.383	2613377.8	102	%	1.0				0.95%
Ag 328.068†	40.3	0.461	ug/L	0.0564	0.461	ug/L	0.0564	12.25%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	26.0	15.0	ug/L	4.31	15.0	ug/L	4.31	28.79%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	1.6	0.642	ug/L	1.0031	0.642	ug/L	1.0031	156.19%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	51.6	0.312	ug/L	0.0429	0.312	ug/L	0.0429	13.76%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	31.5	0.159	ug/L	0.0197	0.159	ug/L	0.0197	12.43%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	112.6	14.0	ug/L	1.07	14.0	ug/L	1.07	7.64%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	0.2	0.213	ug/L	0.1498	0.213	ug/L	0.1498	70.35%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	1.4	0.001	ug/L	0.0905	0.001	ug/L	0.0905	>999.9%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	11.5	0.200	ug/L	0.1188	0.200	ug/L	0.1188	59.52%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-51.4	-0.070	ug/L	0.2320	-0.070	ug/L	0.2320	332.33%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	169.6	12.5	ug/L	2.06	12.5	ug/L	2.06	16.38%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	148.8	21.3	ug/L	13.71	21.3	ug/L	13.71	64.33%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	146.2	13.6	ug/L	1.72	13.6	ug/L	1.72	12.68%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	-26.8	-0.079	ug/L	0.0088	-0.079	ug/L	0.0088	11.16%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-1.3	0.012	ug/L	0.0310	0.012	ug/L	0.0310	251.12%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	91.1	4.72	ug/L	7.057	4.72	ug/L	7.057	149.43%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	1.8	-0.247	ug/L	0.5266	-0.247	ug/L	0.5266	212.93%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-0.7	1.59	ug/L	2.449	1.59	ug/L	2.449	153.67%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-0.9	2.52	ug/L	1.078	2.52	ug/L	1.078	42.84%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-0.4	-0.765	ug/L	1.6794	-0.765	ug/L	1.6794	219.50%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	-1.7	-3.29	ug/L	0.823	-3.29	ug/L	0.823	25.00%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	86.5	0.142	ug/L	0.0187	0.142	ug/L	0.0187	13.20%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	34.5	0.104	ug/L	0.0550	0.104	ug/L	0.0550	52.91%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-1.8	-2.20	ug/L	0.740	-2.20	ug/L	0.740	33.65%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	8.8	0.191	ug/L	0.1207	0.191	ug/L	0.1207	63.34%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	5.1	-0.228	ug/L	0.1016	-0.228	ug/L	0.1016	44.61%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 9 **Autosampler Location: 5**
Sample ID: AFCEE CRI **Date Collected: 11/28/2012 10:39:22 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:54 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: AFCEE CRI

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	226740.9	103	%	1.4				1.38%
Sc 361.383	2616124.7	102	%	0.2				0.23%
Ag 328.068†	1598.9	10.3	ug/L	0.41	10.3	ug/L	0.41	4.02%
QC value within limits for Ag 328.068 Recovery = 102.75%								
Al 308.215†	381.5	226	ug/L	4.0	226	ug/L	4.0	1.77%
QC value within limits for Al 308.215 Recovery = 112.96%								
As 188.979†	50.4	30.1	ug/L	2.20	30.1	ug/L	2.20	7.29%
QC value within limits for As 188.979 Recovery = 100.44%								
Ba 233.527†	1766.2	10.0	ug/L	0.03	10.0	ug/L	0.03	0.34%
QC value within limits for Ba 233.527 Recovery = 100.26%								
Be 234.861†	1454.9	4.81	ug/L	0.147	4.81	ug/L	0.147	3.05%
QC value within limits for Be 234.861 Recovery = 96.27%								
Ca 315.887†	5996.6	1030	ug/L	11.5	1030	ug/L	11.5	1.11%
QC value within limits for Ca 315.887 Recovery = 102.79%								
Cd 226.502†	68.1	5.07	ug/L	0.106	5.07	ug/L	0.106	2.09%
QC value within limits for Cd 226.502 Recovery = 101.44%								
Co 228.616†	378.8	9.87	ug/L	0.043	9.87	ug/L	0.043	0.43%
QC value within limits for Co 228.616 Recovery = 98.70%								
Cr 267.716†	533.0	10.1	ug/L	0.10	10.1	ug/L	0.10	0.95%
QC value within limits for Cr 267.716 Recovery = 100.54%								
Cu 324.752†	3405.7	9.26	ug/L	0.198	9.26	ug/L	0.198	2.14%
QC value within limits for Cu 324.752 Recovery = 92.59%								
Fe 259.939†	689.5	55.4	ug/L	0.39	55.4	ug/L	0.39	0.69%
QC value within limits for Fe 259.939 Recovery = 110.88%								
K 766.490†	4761.6	984	ug/L	22.1	984	ug/L	22.1	2.24%
QC value within limits for K 766.490 Recovery = 98.35%								
Mg 279.077†	11898.7	1040	ug/L	22.0	1040	ug/L	22.0	2.11%
QC value within limits for Mg 279.077 Recovery = 103.98%								
Mn 257.610†	8707.9	10.5	ug/L	0.19	10.5	ug/L	0.19	1.85%
QC value within limits for Mn 257.610 Recovery = 104.58%								
Mo 202.031†	104.2	15.4	ug/L	0.44	15.4	ug/L	0.44	2.87%
QC value within limits for Mo 202.031 Recovery = 102.38%								
Na 589.592†	10739.6	987	ug/L	1.0	987	ug/L	1.0	0.10%
QC value within limits for Na 589.592 Recovery = 98.66%								
Ni 231.604†	390.5	20.0	ug/L	0.31	20.0	ug/L	0.31	1.52%
QC value within limits for Ni 231.604 Recovery = 100.18%								
Pb 220.353†	80.1	27.1	ug/L	2.28	27.1	ug/L	2.28	8.43%
QC value within limits for Pb 220.353 Recovery = 108.23%								
Sb 206.836†	145.0	48.5	ug/L	0.29	48.5	ug/L	0.29	0.61%
QC value within limits for Sb 206.836 Recovery = 97.10%								
Se 196.026†	31.3	28.1	ug/L	2.43	28.1	ug/L	2.43	8.67%
QC value within limits for Se 196.026 Recovery = 93.53%								
Sn 189.927†	27.5	6.82	ug/L	0.787	6.82	ug/L	0.787	11.54%
QC value less than the lower limit for Sn 189.927 Recovery = 68.19%								
Sr 421.552†	3016.2	4.99	ug/L	0.008	4.99	ug/L	0.008	0.17%
QC value within limits for Sr 421.552 Recovery = 99.78%								
Ti 334.940†	3411.9	5.24	ug/L	0.046	5.24	ug/L	0.046	0.88%
QC value within limits for Ti 334.940 Recovery = 104.80%								
Tl 190.801†	90.8	57.9	ug/L	0.48	57.9	ug/L	0.48	0.83%
QC value within limits for Tl 190.801 Recovery = 96.53%								
V 292.402†	651.0	10.1	ug/L	0.05	10.1	ug/L	0.05	0.45%
QC value within limits for V 292.402 Recovery = 101.34%								
Zn 206.200†	465.5	19.9	ug/L	0.29	19.9	ug/L	0.29	1.44%
QC value within limits for Zn 206.200 Recovery = 99.51%								

QC Failed. Continue with analysis.

Sequence No.: 10 **Autosampler Location: 7**
Sample ID: ICSA **Date Collected: 11/28/2012 10:45:33 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:55 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	210249.0	95.7	%	1.00				1.04%
Sc 361.383	2367233.7	92.0	%	0.37				0.40%
Ag 328.068†	-5322.2	-0.041	ug/L	0.3513	-0.041	ug/L	0.3513	851.31%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	445618.4	264000	ug/L	707.4	264000	ug/L	707.4	0.27%
QC value within limits for Al 308.215 Recovery = 105.72%								
As 188.979†	-10.2	0.402	ug/L	3.9306	0.402	ug/L	3.9306	978.66%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	-77.4	0.467	ug/L	0.1364	0.467	ug/L	0.1364	29.20%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	-3319.2	0.065	ug/L	0.2953	0.065	ug/L	0.2953	451.87%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	1477289.1	255000	ug/L	1081.6	255000	ug/L	1081.6	0.42%
QC value within limits for Ca 315.887 Recovery = 101.82%								
Cd 226.502†	299.1	-0.106	ug/L	0.7132	-0.106	ug/L	0.7132	675.27%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	215.8	0.519	ug/L	0.1087	0.519	ug/L	0.1087	20.94%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-88.4	0.534	ug/L	0.2207	0.534	ug/L	0.2207	41.31%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-2024.3	-5.42	ug/L	0.260	-5.42	ug/L	0.260	4.79%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	2686357.2	222000	ug/L	988.5	222000	ug/L	988.5	0.45%
QC value within limits for Fe 259.939 Recovery = 98.50%								
K 766.490†	105.6	12.3	ug/L	28.30	12.3	ug/L	28.30	230.17%
Mg 279.077†	2897196.0	253000	ug/L	3451.9	253000	ug/L	3451.9	1.36%
QC value within limits for Mg 279.077 Recovery = 101.19%								
Mn 257.610†	1168.4	-0.100	ug/L	0.0315	-0.100	ug/L	0.0315	31.65%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-80.2	-1.94	ug/L	0.355	-1.94	ug/L	0.355	18.28%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	151.8	10.3	ug/L	1.58	10.3	ug/L	1.58	15.37%
Ni 231.604†	39.4	1.07	ug/L	0.209	1.07	ug/L	0.209	19.64%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	7.8	-1.38	ug/L	2.876	-1.38	ug/L	2.876	207.77%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	22.1	-2.38	ug/L	2.160	-2.38	ug/L	2.160	90.93%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-147.7	5.86	ug/L	2.584	5.86	ug/L	2.584	44.09%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	-61.1	-1.24	ug/L	1.332	-1.24	ug/L	1.332	107.74%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	890.4	1.47	ug/L	0.014	1.47	ug/L	0.014	0.96%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	-357.7	-0.492	ug/L	0.0517	-0.492	ug/L	0.0517	10.50%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-23.6	-2.50	ug/L	4.710	-2.50	ug/L	4.710	188.33%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	820.6	0.995	ug/L	0.4430	0.995	ug/L	0.4430	44.53%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	67.1	-0.184	ug/L	0.5623	-0.184	ug/L	0.5623	305.09%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 11 **Autosampler Location: 8**
Sample ID: ICSAB **Date Collected: 11/28/2012 10:50:50 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:57 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	210941.7	96.0	%	0.39				0.40%
Sc 361.383	2324909.2	90.4	%	0.73				0.80%
Ag 328.068†	26574.4	200	ug/L	1.3	200	ug/L	1.3	0.67%
QC value within limits for Ag 328.068 Recovery = 99.86%								
Al 308.215†	436732.2	259000	ug/L	1205.3	259000	ug/L	1205.3	0.47%
QC value within limits for Al 308.215 Recovery = 103.61%								
As 188.979†	147.2	98.3	ug/L	1.08	98.3	ug/L	1.08	1.10%
QC value within limits for As 188.979 Recovery = 98.28%								
Ba 233.527†	84103.2	477	ug/L	2.2	477	ug/L	2.2	0.47%
QC value within limits for Ba 233.527 Recovery = 95.47%								
Be 234.861†	151953.1	507	ug/L	11.7	507	ug/L	11.7	2.31%
QC value within limits for Be 234.861 Recovery = 101.46%								
Ca 315.887†	1425590.5	246000	ug/L	5066.2	246000	ug/L	5066.2	2.06%
QC value within limits for Ca 315.887 Recovery = 98.25%								
Cd 226.502†	12570.9	879	ug/L	25.3	879	ug/L	25.3	2.87%
QC value within limits for Cd 226.502 Recovery = 87.89%								
Co 228.616†	17344.0	448	ug/L	6.6	448	ug/L	6.6	1.48%
QC value within limits for Co 228.616 Recovery = 89.62%								
Cr 267.716†	25183.3	478	ug/L	3.3	478	ug/L	3.3	0.68%
QC value within limits for Cr 267.716 Recovery = 95.60%								
Cu 324.752†	182031.6	493	ug/L	6.8	493	ug/L	6.8	1.37%
QC value within limits for Cu 324.752 Recovery = 98.61%								
Fe 259.939†	2608320.8	215000	ug/L	3683.1	215000	ug/L	3683.1	1.71%
QC value within limits for Fe 259.939 Recovery = 95.64%								
K 766.490†	-17.4	-13.4	ug/L	21.01	-13.4	ug/L	21.01	157.22%
Mg 279.077†	2784686.6	243000	ug/L	2064.7	243000	ug/L	2064.7	0.85%
QC value within limits for Mg 279.077 Recovery = 97.26%								
Mn 257.610†	395772.5	476	ug/L	1.4	476	ug/L	1.4	0.29%
QC value within limits for Mn 257.610 Recovery = 95.19%								
Mo 202.031†	3328.3	494	ug/L	5.1	494	ug/L	5.1	1.03%
QC value within limits for Mo 202.031 Recovery = 98.74%								
Na 589.592†	63.5	2.18	ug/L	4.030	2.18	ug/L	4.030	185.00%
Ni 231.604†	17559.4	917	ug/L	9.1	917	ug/L	9.1	0.99%
QC value within limits for Ni 231.604 Recovery = 91.73%								
Pb 220.353†	155.4	45.8	ug/L	4.07	45.8	ug/L	4.07	8.87%
QC value within limits for Pb 220.353 Recovery = 91.68%								
Sb 206.836†	1827.3	565	ug/L	2.8	565	ug/L	2.8	0.49%
QC value within limits for Sb 206.836 Recovery = 94.22%								
Se 196.026†	-102.8	43.0	ug/L	5.84	43.0	ug/L	5.84	13.59%
QC value within limits for Se 196.026 Recovery = 85.95%								
Sn 189.927†	1402.3	500	ug/L	2.4	500	ug/L	2.4	0.49%
QC value within limits for Sn 189.927 Recovery = 99.94%								
Sr 421.552†	295176.9	488	ug/L	5.6	488	ug/L	5.6	1.15%
QC value within limits for Sr 421.552 Recovery = 97.67%								
Ti 334.940†	337033.8	513	ug/L	9.5	513	ug/L	9.5	1.85%
QC value within limits for Ti 334.940 Recovery = 102.52%								
Tl 190.801†	122.6	88.8	ug/L	2.34	88.8	ug/L	2.34	2.63%
QC value within limits for Tl 190.801 Recovery = 88.84%								
V 292.402†	32400.9	490	ug/L	4.9	490	ug/L	4.9	1.00%
QC value within limits for V 292.402 Recovery = 98.09%								
Zn 206.200†	20905.3	911	ug/L	6.2	911	ug/L	6.2	0.68%
QC value within limits for Zn 206.200 Recovery = 91.10%								

All analyte(s) passed QC.

Sequence No.: 12 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/28/2012 10:56:03 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:58 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	220387.8	100	%	0.5				0.51%
Sc 361.383	2506156.3	97.4	%	0.70				0.72%
Ag 328.068†	78906.3	503	ug/L	7.6	503	ug/L	7.6	1.51%
QC value within limits for Ag 328.068 Recovery = 100.58%								
Al 308.215†	42525.0	25200	ug/L	142.5	25200	ug/L	142.5	0.56%
QC value within limits for Al 308.215 Recovery = 100.91%								
As 188.979†	816.8	497	ug/L	1.4	497	ug/L	1.4	0.28%
QC value within limits for As 188.979 Recovery = 99.38%								
Ba 233.527†	88352.3	501	ug/L	3.3	501	ug/L	3.3	0.66%
QC value within limits for Ba 233.527 Recovery = 100.15%								
Be 234.861†	153921.4	505	ug/L	14.3	505	ug/L	14.3	2.83%
QC value within limits for Be 234.861 Recovery = 101.04%								
Ca 315.887†	145160.0	25000	ug/L	124.8	25000	ug/L	124.8	0.50%
QC value within limits for Ca 315.887 Recovery = 100.03%								
Cd 226.502†	6896.7	490	ug/L	14.9	490	ug/L	14.9	3.04%
QC value within limits for Cd 226.502 Recovery = 97.97%								
Co 228.616†	18864.0	492	ug/L	1.0	492	ug/L	1.0	0.21%
QC value within limits for Co 228.616 Recovery = 98.44%								
Cr 267.716†	26594.2	503	ug/L	2.0	503	ug/L	2.0	0.39%
QC value within limits for Cr 267.716 Recovery = 100.58%								
Cu 324.752†	179725.1	487	ug/L	7.8	487	ug/L	7.8	1.61%
QC value within limits for Cu 324.752 Recovery = 97.33%								
Fe 259.939†	496784.8	41000	ug/L	133.4	41000	ug/L	133.4	0.33%
QC value within limits for Fe 259.939 Recovery = 102.46%								
K 766.490†	121066.4	25200	ug/L	39.0	25200	ug/L	39.0	0.15%
QC value within limits for K 766.490 Recovery = 100.98%								
Mg 279.077†	288257.8	25200	ug/L	197.7	25200	ug/L	197.7	0.79%
QC value within limits for Mg 279.077 Recovery = 100.69%								
Mn 257.610†	415561.7	501	ug/L	2.6	501	ug/L	2.6	0.51%
QC value within limits for Mn 257.610 Recovery = 100.20%								
Mo 202.031†	3450.4	504	ug/L	1.3	504	ug/L	1.3	0.26%
QC value within limits for Mo 202.031 Recovery = 100.80%								
Na 589.592†	271075.6	25000	ug/L	167.5	25000	ug/L	167.5	0.67%
QC value within limits for Na 589.592 Recovery = 99.97%								
Ni 231.604†	9620.7	502	ug/L	16.0	502	ug/L	16.0	3.18%
QC value within limits for Ni 231.604 Recovery = 100.50%								
Pb 220.353†	1568.4	493	ug/L	5.0	493	ug/L	5.0	1.02%
QC value within limits for Pb 220.353 Recovery = 98.65%								
Sb 206.836†	1524.9	479	ug/L	2.8	479	ug/L	2.8	0.59%
QC value within limits for Sb 206.836 Recovery = 95.78%								
Se 196.026†	554.4	527	ug/L	2.7	527	ug/L	2.7	0.50%
QC value within limits for Se 196.026 Recovery = 105.43%								
Sn 189.927†	1196.3	409	ug/L	3.1	409	ug/L	3.1	0.75%
QC value within limits for Sn 189.927 Recovery = 102.30%								
Sr 421.552†	241129.7	399	ug/L	1.5	399	ug/L	1.5	0.37%
QC value within limits for Sr 421.552 Recovery = 99.74%								
Ti 334.940†	263708.3	401	ug/L	7.4	401	ug/L	7.4	1.85%
QC value within limits for Ti 334.940 Recovery = 100.27%								
Tl 190.801†	774.3	501	ug/L	7.4	501	ug/L	7.4	1.48%
QC value within limits for Tl 190.801 Recovery = 100.19%								
V 292.402†	32644.8	503	ug/L	9.0	503	ug/L	9.0	1.79%
QC value within limits for V 292.402 Recovery = 100.70%								
Zn 206.200†	11488.2	502	ug/L	9.5	502	ug/L	9.5	1.89%
QC value within limits for Zn 206.200 Recovery = 100.42%								

All analyte(s) passed QC.

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Sequence No.: 13 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/28/2012 11:01:22 AM**
Analyst: **Data Type: Reprocessed on 11/28/2012 11:15:59 AM**
Logged In Analyst (Original) : inorg
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	224611.8	102	%	1.2				1.17%
Sc 361.383	2575246.9	100	%	0.4				0.39%
Ag 328.068†	8.8	0.264	ug/L	0.4705	0.264	ug/L	0.4705	178.40%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	32.7	19.0	ug/L	2.67	19.0	ug/L	2.67	14.06%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	0.1	-0.241	ug/L	0.7005	-0.241	ug/L	0.7005	291.14%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	19.8	0.131	ug/L	0.0277	0.131	ug/L	0.0277	21.07%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	31.3	0.158	ug/L	0.0106	0.158	ug/L	0.0106	6.71%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	143.8	19.4	ug/L	3.40	19.4	ug/L	3.40	17.51%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	-0.9	0.139	ug/L	0.1617	0.139	ug/L	0.1617	115.92%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	0.8	-0.014	ug/L	0.1518	-0.014	ug/L	0.1518	>999.9%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	6.1	0.098	ug/L	0.1151	0.098	ug/L	0.1151	117.04%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-18.6	0.018	ug/L	0.0916	0.018	ug/L	0.0916	500.90%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	274.2	21.2	ug/L	2.11	21.2	ug/L	2.11	9.97%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	111.4	13.5	ug/L	5.01	13.5	ug/L	5.01	37.11%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	176.2	16.2	ug/L	2.25	16.2	ug/L	2.25	13.92%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	-16.1	-0.066	ug/L	0.0171	-0.066	ug/L	0.0171	26.02%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	0.7	0.303	ug/L	0.5461	0.303	ug/L	0.5461	180.15%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-235.3	-25.4	ug/L	8.98	-25.4	ug/L	8.98	35.40%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	5.1	-0.076	ug/L	0.1465	-0.076	ug/L	0.1465	193.76%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	2.9	2.72	ug/L	1.447	2.72	ug/L	1.447	53.22%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-0.1	2.76	ug/L	0.400	2.76	ug/L	0.400	14.47%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	1.1	0.582	ug/L	1.7313	0.582	ug/L	1.7313	297.59%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	-0.5	-2.88	ug/L	0.346	-2.88	ug/L	0.346	12.03%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	81.0	0.133	ug/L	0.0307	0.133	ug/L	0.0307	23.15%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	38.2	0.110	ug/L	0.0474	0.110	ug/L	0.0474	43.23%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	0.9	-0.420	ug/L	0.6625	-0.420	ug/L	0.6625	157.67%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	4.9	0.129	ug/L	0.0898	0.129	ug/L	0.0898	69.85%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	10.2	-0.006	ug/L	0.2679	-0.006	ug/L	0.2679	>999.9%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

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Analysis Begun

Start Time: 11/28/2012 11:22:24 AM **Plasma On Time: 11/28/2012 7:55:46 AM**
Logged In Analyst: inorg **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3112401 **Autosampler Model: AS-93plus**

Sample Information File: D:\pe\inorg\Sample Information\112812A.sif
Batch ID: 112812A
Results Data Set: 112812A-1
Results Library: d:\pe\inorg\Results\Results.mdb

==========

Sequence No.: 1 **Autosampler Location: 6**
Sample ID: ICV **Date Collected: 11/28/2012 11:22:26 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**
User canceled analysis.

==========

Analysis Begun

Start Time: 11/28/2012 11:25:55 AM **Plasma On Time: 11/28/2012 7:55:46 AM**
Logged In Analyst: inorg **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3112401Autosampler Model: AS-93plus

Sample Information File: D:\pe\inorg\Sample Information\112812A.sif
Batch ID: 112812A
Results Data Set: 112812A-1
Results Library: d:\pe\inorg\Results\Results.mdb

==========

Sequence No.: 1 **Autosampler Location: 6**
Sample ID: ICV **Date Collected: 11/28/2012 11:25:56 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**
User canceled analysis.

==========

Analysis Begun

Start Time: 11/28/2012 11:26:46 AM **Plasma On Time: 11/28/2012 7:55:46 AM**
Logged In Analyst: inorg **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3112401Autosampler Model: AS-93plus

Sample Information File: D:\pe\inorg\Sample Information\112812A.sif
Batch ID: 112812A
Results Data Set: 112812A-1
Results Library: d:\pe\inorg\Results\Results.mdb

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Sequence No.: 13 **Autosampler Location: 38**
Sample ID: 350766210 **Date Collected: 11/28/2012 11:26:47 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 2X **Sample Prep Vol:**

Mean Data: 350766210

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sc Radial	217505.8	99.0	%	1.61				1.63%
Sc 361.383	2452803.3	95.4	%	1.15				1.21%
Ag 328.068†	-923.5	-1.81	ug/L	0.141	-3.62	ug/L	0.281	7.78%
Al 308.215†	8106.9	4810	ug/L	130.9	9620	ug/L	261.8	2.72%
As 188.979†	6.0	4.11	ug/L	2.568	8.23	ug/L	5.135	62.41%
Ba 233.527†	8765.2	49.8	ug/L	0.63	99.6	ug/L	1.26	1.27%
Be 234.861†	-330.0	0.217	ug/L	0.1898	0.434	ug/L	0.3796	87.44%
Ca 315.887†	697422.3	120000	ug/L	252.7	240000	ug/L	505.3	0.21%
Cd 226.502†	38.1	0.446	ug/L	0.2626	0.892	ug/L	0.5253	58.87%
Co 228.616†	89.3	1.70	ug/L	0.060	3.40	ug/L	0.120	3.52%
Cr 267.716†	160.0	3.41	ug/L	0.129	6.81	ug/L	0.257	3.78%
Cu 324.752†	97.2	0.179	ug/L	0.3579	0.358	ug/L	0.7158	199.87%
Fe 259.939†	306886.3	25300	ug/L	55.5	50600	ug/L	111.1	0.22%
K 766.490†	17832.7	3710	ug/L	93.1	7420	ug/L	186.3	2.51%
Mg 279.077†	477001.1	41700	ug/L	706.3	83300	ug/L	1412.5	1.70%
Mn 257.610†	59527.1	71.6	ug/L	0.96	143	ug/L	1.9	1.34%
Mo 202.031†	14.5	3.39	ug/L	0.625	6.78	ug/L	1.251	18.46%
Na 589.592†	1666107.4	154000	ug/L	1631.3	307000	ug/L	3262.6	1.06%
Ni 231.604†	1837.2	95.6	ug/L	2.19	191	ug/L	4.4	2.29%
Pb 220.353†	3.7	0.469	ug/L	1.5751	0.939	ug/L	3.1501	335.64%
Sb 206.836†	8.2	3.98	ug/L	0.890	7.95	ug/L	1.779	22.38%
Se 196.026†	-28.6	-2.69	ug/L	3.096	-5.39	ug/L	6.192	114.93%
Sn 189.927†	-50.9	-7.94	ug/L	1.315	-15.9	ug/L	2.63	16.55%
Sr 421.552†	197731.0	327	ug/L	5.0	654	ug/L	10.0	1.53%
Ti 334.940†	-249.4	-0.328	ug/L	0.0577	-0.655	ug/L	0.1154	17.60%
Tl 190.801†	6.0	3.24	ug/L	2.246	6.48	ug/L	4.491	69.32%
V 292.402†	24297.4	374	ug/L	4.9	749	ug/L	9.8	1.31%
Zn 206.200†	210.2	8.43	ug/L	0.362	16.9	ug/L	0.72	4.29%

Sequence No.: 14
Sample ID: 350766211
Analyst:
Initial Sample Wt:
Dilution: 5X

Autosampler Location: 39
Date Collected: 11/28/2012 11:32:10 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 350766211

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sc Radial	215254.1	98.0	%	1.13				1.16%
Sc 361.383	2395118.4	93.1	%	0.35				0.38%
Ag 328.068†	-528.5	-0.651	ug/L	0.2260	-3.26	ug/L	1.130	34.71%
Al 308.215†	2225.3	1320	ug/L	21.5	6610	ug/L	107.6	1.63%
As 188.979†	4.7	3.08	ug/L	1.942	15.4	ug/L	9.71	63.10%
Ba 233.527†	2167.4	12.4	ug/L	0.01	61.8	ug/L	0.05	0.08%
Be 234.861†	-325.5	-0.202	ug/L	0.1136	-1.01	ug/L	0.568	56.20%
Ca 315.887†	436340.1	75200	ug/L	236.6	376000	ug/L	1183.1	0.31%
Cd 226.502†	26.2	0.463	ug/L	0.1077	2.31	ug/L	0.539	23.27%
Co 228.616†	20.6	0.113	ug/L	0.0531	0.564	ug/L	0.2653	47.02%
Cr 267.716†	138.3	2.84	ug/L	0.117	14.2	ug/L	0.58	4.11%
Cu 324.752†	271.5	0.612	ug/L	0.2185	3.06	ug/L	1.092	35.70%
Fe 259.939†	199570.4	16500	ug/L	69.6	82300	ug/L	347.9	0.42%
K 766.490†	7475.8	1550	ug/L	22.6	7750	ug/L	113.1	1.46%
Mg 279.077†	298136.9	26000	ug/L	322.1	130000	ug/L	1610.5	1.24%
Mn 257.610†	85634.5	103	ug/L	0.9	516	ug/L	4.3	0.84%
Mo 202.031†	52.7	8.57	ug/L	0.634	42.8	ug/L	3.17	7.40%
Na 589.592†	2677782.8	247000	ug/L	1054.7	1230000	ug/L	5273.4	0.43%
Ni 231.604†	1238.3	64.3	ug/L	0.47	322	ug/L	2.3	0.73%
Pb 220.353†	1.2	0.416	ug/L	0.9783	2.08	ug/L	4.891	234.94%
Sb 206.836†	7.5	4.25	ug/L	0.778	21.2	ug/L	3.89	18.32%
Se 196.026†	-21.9	-5.17	ug/L	2.046	-25.9	ug/L	10.23	39.56%
Sn 189.927†	-42.5	-9.63	ug/L	0.961	-48.2	ug/L	4.80	9.97%
Sr 421.552†	112473.7	186	ug/L	1.0	930	ug/L	4.9	0.53%
Ti 334.940†	-171.4	-0.209	ug/L	0.0634	-1.05	ug/L	0.317	30.31%
Tl 190.801†	7.4	4.14	ug/L	4.391	20.7	ug/L	21.96	106.17%
V 292.402†	13312.0	205	ug/L	2.2	1030	ug/L	11.1	1.08%
Zn 206.200†	155.6	6.15	ug/L	0.047	30.8	ug/L	0.24	0.77%

Sequence No.: 15 **Autosampler Location: 40**
Sample ID: 350766212 **Date Collected: 11/28/2012 11:38:28 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 2X **Sample Prep Vol:**

Mean Data: 350766212

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	221233.3	101	%	0.9				0.92%
Sc 361.383	2458866.6	95.6	%	1.20				1.25%
Ag 328.068†	-745.0	-0.184	ug/L	0.2505	-0.369	ug/L	0.5010	135.90%
Al 308.215†	59471.3	35300	ug/L	107.8	70600	ug/L	215.6	0.31%
As 188.979†	8.3	5.64	ug/L	3.798	11.3	ug/L	7.60	67.40%
Ba 233.527†	2807.0	16.0	ug/L	0.27	32.1	ug/L	0.54	1.68%
Be 234.861†	-281.6	0.539	ug/L	0.4048	1.08	ug/L	0.810	75.12%
Ca 315.887†	129236.1	22300	ug/L	136.6	44500	ug/L	273.1	0.61%
Cd 226.502†	30.0	-0.457	ug/L	0.1515	-0.914	ug/L	0.3030	33.14%
Co 228.616†	330.9	7.96	ug/L	0.280	15.9	ug/L	0.56	3.51%
Cr 267.716†	306.6	6.15	ug/L	0.270	12.3	ug/L	0.54	4.38%
Cu 324.752†	-110.2	-0.280	ug/L	0.0694	-0.560	ug/L	0.1387	24.76%
Fe 259.939†	347385.0	28700	ug/L	207.7	57300	ug/L	415.5	0.72%
K 766.490†	13621.6	2830	ug/L	24.2	5660	ug/L	48.5	0.86%
Mg 279.077†	131815.6	11500	ug/L	160.7	23000	ug/L	321.3	1.40%
Mn 257.610†	15386.9	18.3	ug/L	0.25	36.7	ug/L	0.50	1.37%
Mo 202.031†	-17.2	-1.08	ug/L	0.677	-2.17	ug/L	1.355	62.55%
Na 589.592†	2187144.6	202000	ug/L	1077.4	403000	ug/L	2154.8	0.53%
Ni 231.604†	1006.1	52.2	ug/L	0.61	104	ug/L	1.2	1.18%
Pb 220.353†	5.0	2.76	ug/L	2.583	5.52	ug/L	5.166	93.67%
Sb 206.836†	3.3	2.23	ug/L	0.469	4.47	ug/L	0.938	21.00%
Se 196.026†	-19.8	-0.931	ug/L	0.5389	-1.86	ug/L	1.078	57.90%
Sn 189.927†	-20.9	-8.06	ug/L	1.411	-16.1	ug/L	2.82	17.50%
Sr 421.552†	59046.5	97.7	ug/L	1.50	195	ug/L	3.0	1.54%
Ti 334.940†	87.4	0.184	ug/L	0.1019	0.369	ug/L	0.2037	55.22%
Tl 190.801†	1.8	1.13	ug/L	2.466	2.26	ug/L	4.933	217.88%
V 292.402†	15539.6	239	ug/L	3.7	478	ug/L	7.3	1.53%
Zn 206.200†	1576.4	68.0	ug/L	0.90	136	ug/L	1.8	1.33%

Sequence No.: 16 **Autosampler Location: 41**
Sample ID: 350766213 **Date Collected: 11/28/2012 11:43:46 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 2X **Sample Prep Vol:**

Mean Data: 350766213

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	223190.3	102	%	0.8				0.79%
Sc 361.383	2488676.7	96.8	%	1.16				1.20%
Ag 328.068†	-527.4	-0.738	ug/L	0.3218	-1.48	ug/L	0.644	43.60%
Al 308.215†	13611.7	8070	ug/L	65.0	16100	ug/L	130.0	0.81%
As 188.979†	7.8	4.89	ug/L	2.193	9.79	ug/L	4.386	44.82%
Ba 233.527†	2123.2	12.1	ug/L	0.14	24.2	ug/L	0.28	1.17%
Be 234.861†	-209.2	0.147	ug/L	0.2720	0.295	ug/L	0.5440	184.47%
Ca 315.887†	192492.8	33200	ug/L	112.6	66300	ug/L	225.3	0.34%
Cd 226.502†	19.5	0.048	ug/L	0.1615	0.095	ug/L	0.3231	338.89%
Co 228.616†	96.7	2.12	ug/L	0.116	4.25	ug/L	0.233	5.47%
Cr 267.716†	161.7	3.25	ug/L	0.091	6.51	ug/L	0.182	2.80%
Cu 324.752†	52.0	0.162	ug/L	0.0447	0.325	ug/L	0.0893	27.51%
Fe 259.939†	191999.4	15800	ug/L	21.6	31700	ug/L	43.2	0.14%
K 766.490†	10885.4	2260	ug/L	20.9	4520	ug/L	41.8	0.92%
Mg 279.077†	122332.8	10700	ug/L	125.5	21400	ug/L	250.9	1.17%
Mn 257.610†	18480.1	22.1	ug/L	0.32	44.3	ug/L	0.63	1.43%
Mo 202.031†	-5.3	0.101	ug/L	0.4699	0.202	ug/L	0.9398	465.82%
Na 589.592†	1378890.8	127000	ug/L	971.2	254000	ug/L	1942.4	0.76%
Ni 231.604†	517.3	26.7	ug/L	0.36	53.3	ug/L	0.71	1.34%
Pb 220.353†	4.1	1.89	ug/L	2.190	3.79	ug/L	4.379	115.63%
Sb 206.836†	2.4	2.65	ug/L	1.418	5.30	ug/L	2.835	53.47%
Se 196.026†	-16.8	-4.34	ug/L	1.587	-8.67	ug/L	3.174	36.59%
Sn 189.927†	-27.9	-9.04	ug/L	0.349	-18.1	ug/L	0.70	3.86%
Sr 421.552†	72729.1	120	ug/L	0.9	241	ug/L	1.8	0.74%
Ti 334.940†	378.9	0.628	ug/L	1.1506	1.26	ug/L	2.301	183.27%
Tl 190.801†	5.2	2.88	ug/L	1.306	5.77	ug/L	2.612	45.29%
V 292.402†	9775.6	150	ug/L	2.2	301	ug/L	4.4	1.47%
Zn 206.200†	215.8	8.79	ug/L	0.156	17.6	ug/L	0.31	1.77%

Sequence No.: 17 **Autosampler Location: 42**
Sample ID: 350766214 **Date Collected: 11/28/2012 11:49:05 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 350766214

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	215229.3	98.0	%	1.43				1.46%
Sc 361.383	2421751.9	94.2	%	0.89				0.95%
Ag 328.068†	-1464.4	-0.381	ug/L	0.0527	-1.90	ug/L	0.264	13.85%
Al 308.215†	9264.9	5500	ug/L	88.6	27500	ug/L	442.9	1.61%
As 188.979†	8.8	6.83	ug/L	2.280	34.2	ug/L	11.40	33.38%
Ba 233.527†	3.4	0.269	ug/L	0.0177	1.34	ug/L	0.088	6.58%
Be 234.861†	-953.0	-0.241	ug/L	0.2717	-1.21	ug/L	1.359	112.73%
Ca 315.887†	546122.5	94100	ug/L	547.2	470000	ug/L	2735.9	0.58%
Cd 226.502†	79.0	0.216	ug/L	0.2360	1.08	ug/L	1.180	109.35%
Co 228.616†	22.0	-0.790	ug/L	0.1592	-3.95	ug/L	0.796	20.15%
Cr 267.716†	529.1	10.6	ug/L	0.10	53.1	ug/L	0.50	0.94%
Cu 324.752†	-521.6	-1.46	ug/L	0.448	-7.29	ug/L	2.239	30.71%
Fe 259.939†	697325.4	57500	ug/L	148.6	288000	ug/L	743.0	0.26%
K 766.490†	6115.6	1270	ug/L	14.9	6330	ug/L	74.5	1.18%
Mg 279.077†	122995.2	10700	ug/L	174.6	53700	ug/L	873.2	1.63%
Mn 257.610†	49778.1	59.6	ug/L	0.95	298	ug/L	4.8	1.60%
Mo 202.031†	49.6	9.89	ug/L	0.627	49.5	ug/L	3.13	6.33%
Na 589.592†	2021749.0	186000	ug/L	2998.0	932000	ug/L	14990.2	1.61%
Ni 231.604†	605.6	31.1	ug/L	0.79	156	ug/L	4.0	2.54%
Pb 220.353†	19.5	1.76	ug/L	1.514	8.82	ug/L	7.569	85.78%
Sb 206.836†	9.3	2.48	ug/L	0.505	12.4	ug/L	2.53	20.35%
Se 196.026†	-46.2	-3.50	ug/L	3.922	-17.5	ug/L	19.61	112.08%
Sn 189.927†	-45.9	-9.63	ug/L	2.610	-48.1	ug/L	13.05	27.12%
Sr 421.552†	147980.4	245	ug/L	3.8	1220	ug/L	19.0	1.55%
Ti 334.940†	-95.6	-0.094	ug/L	0.0307	-0.469	ug/L	0.1535	32.71%
Tl 190.801†	7.0	6.58	ug/L	0.126	32.9	ug/L	0.63	1.91%
V 292.402†	12027.1	183	ug/L	0.2	915	ug/L	1.0	0.11%
Zn 206.200†	969.7	41.2	ug/L	0.24	206	ug/L	1.2	0.58%

Sequence No.: 18 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/28/2012 11:54:25 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	216961.8	98.7	%	0.66				0.66%
Sc 361.383	2473075.5	96.2	%	0.49				0.51%
Ag 328.068†	79019.5	504	ug/L	5.1	504	ug/L	5.1	1.02%
QC value within limits for Ag 328.068 Recovery = 100.73%								
Al 308.215†	42984.8	25500	ug/L	100.1	25500	ug/L	100.1	0.39%
QC value within limits for Al 308.215 Recovery = 102.00%								
As 188.979†	827.3	503	ug/L	8.2	503	ug/L	8.2	1.62%
QC value within limits for As 188.979 Recovery = 100.65%								
Ba 233.527†	89620.9	508	ug/L	5.4	508	ug/L	5.4	1.06%
QC value within limits for Ba 233.527 Recovery = 101.59%								
Be 234.861†	157118.2	516	ug/L	10.6	516	ug/L	10.6	2.06%
QC value within limits for Be 234.861 Recovery = 103.13%								
Ca 315.887†	147010.9	25300	ug/L	172.4	25300	ug/L	172.4	0.68%
QC value within limits for Ca 315.887 Recovery = 101.30%								
Cd 226.502†	7027.0	499	ug/L	19.9	499	ug/L	19.9	4.00%
QC value within limits for Cd 226.502 Recovery = 99.83%								
Co 228.616†	19220.5	502	ug/L	7.1	502	ug/L	7.1	1.41%
QC value within limits for Co 228.616 Recovery = 100.31%								
Cr 267.716†	26920.8	509	ug/L	4.5	509	ug/L	4.5	0.89%
QC value within limits for Cr 267.716 Recovery = 101.81%								
Cu 324.752†	183061.8	496	ug/L	4.7	496	ug/L	4.7	0.95%
QC value within limits for Cu 324.752 Recovery = 99.14%								
Fe 259.939†	498574.3	41100	ug/L	487.4	41100	ug/L	487.4	1.18%
QC value within limits for Fe 259.939 Recovery = 102.83%								
K 766.490†	121756.8	25400	ug/L	90.0	25400	ug/L	90.0	0.35%
QC value within limits for K 766.490 Recovery = 101.56%								
Mg 279.077†	293208.1	25600	ug/L	297.1	25600	ug/L	297.1	1.16%
QC value within limits for Mg 279.077 Recovery = 102.42%								
Mn 257.610†	423482.8	511	ug/L	1.5	511	ug/L	1.5	0.28%
QC value within limits for Mn 257.610 Recovery = 102.11%								
Mo 202.031†	3484.1	509	ug/L	8.3	509	ug/L	8.3	1.62%
QC value within limits for Mo 202.031 Recovery = 101.78%								
Na 589.592†	275675.2	25400	ug/L	346.3	25400	ug/L	346.3	1.36%
QC value within limits for Na 589.592 Recovery = 101.67%								
Ni 231.604†	9735.5	509	ug/L	7.6	509	ug/L	7.6	1.49%
QC value within limits for Ni 231.604 Recovery = 101.70%								
Pb 220.353†	1577.7	496	ug/L	2.6	496	ug/L	2.6	0.53%
QC value within limits for Pb 220.353 Recovery = 99.23%								
Sb 206.836†	1545.4	485	ug/L	2.7	485	ug/L	2.7	0.55%
QC value within limits for Sb 206.836 Recovery = 97.07%								
Se 196.026†	561.9	534	ug/L	1.1	534	ug/L	1.1	0.20%
QC value within limits for Se 196.026 Recovery = 106.82%								
Sn 189.927†	1198.8	410	ug/L	2.2	410	ug/L	2.2	0.53%
QC value within limits for Sn 189.927 Recovery = 102.53%								
Sr 421.552†	240257.9	398	ug/L	9.7	398	ug/L	9.7	2.45%
QC value within limits for Sr 421.552 Recovery = 99.38%								
Ti 334.940†	268503.9	408	ug/L	4.5	408	ug/L	4.5	1.11%
QC value within limits for Ti 334.940 Recovery = 102.09%								
Tl 190.801†	782.0	506	ug/L	0.4	506	ug/L	0.4	0.09%
QC value within limits for Tl 190.801 Recovery = 101.19%								
V 292.402†	32741.9	505	ug/L	8.9	505	ug/L	8.9	1.76%
QC value within limits for V 292.402 Recovery = 101.00%								
Zn 206.200†	11682.6	511	ug/L	6.1	511	ug/L	6.1	1.20%
QC value within limits for Zn 206.200 Recovery = 102.12%								

All analyte(s) passed QC.

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Sequence No.: 19 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/28/2012 11:59:45 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	221574.3	101	%	0.9				0.86%
Sc 361.383	2595986.7	101	%	1.1				1.06%
Ag 328.068†	50.1	0.522	ug/L	0.2596	0.522	ug/L	0.2596	49.68%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	13.2	7.42	ug/L	1.433	7.42	ug/L	1.433	19.31%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	-1.5	-1.23	ug/L	1.268	-1.23	ug/L	1.268	103.11%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	9.3	0.072	ug/L	0.0685	0.072	ug/L	0.0685	94.98%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	31.8	0.160	ug/L	0.0330	0.160	ug/L	0.0330	20.67%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	103.8	12.5	ug/L	0.33	12.5	ug/L	0.33	2.65%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	0.1	0.211	ug/L	0.1676	0.211	ug/L	0.1676	79.32%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	4.6	0.086	ug/L	0.0500	0.086	ug/L	0.0500	58.50%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	4.8	0.074	ug/L	0.1446	0.074	ug/L	0.1446	196.15%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-110.1	-0.231	ug/L	0.4696	-0.231	ug/L	0.4696	203.35%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	190.4	14.3	ug/L	1.95	14.3	ug/L	1.95	13.68%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	89.5	8.93	ug/L	7.131	8.93	ug/L	7.131	79.82%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	92.4	8.87	ug/L	2.079	8.87	ug/L	2.079	23.43%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	-15.8	-0.065	ug/L	0.0154	-0.065	ug/L	0.0154	23.64%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	0.2	0.228	ug/L	0.2707	0.228	ug/L	0.2707	118.68%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	229.4	17.5	ug/L	2.72	17.5	ug/L	2.72	15.58%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-0.4	-0.365	ug/L	0.0761	-0.365	ug/L	0.0761	20.83%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	1.9	2.40	ug/L	1.542	2.40	ug/L	1.542	64.34%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	0.9	3.09	ug/L	1.836	3.09	ug/L	1.836	59.41%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	1.2	0.654	ug/L	4.3515	0.654	ug/L	4.3515	665.32%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	-2.4	-3.53	ug/L	1.142	-3.53	ug/L	1.142	32.32%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	81.1	0.133	ug/L	0.0091	0.133	ug/L	0.0091	6.85%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	45.8	0.121	ug/L	0.0721	0.121	ug/L	0.0721	59.47%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	3.6	1.29	ug/L	0.654	1.29	ug/L	0.654	50.56%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	10.3	0.212	ug/L	0.1213	0.212	ug/L	0.1213	57.20%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	2.1	-0.355	ug/L	0.0931	-0.355	ug/L	0.0931	26.19%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 20 **Autosampler Location: 43**
Sample ID: 154939MB **Date Collected: 11/28/2012 12:05:53 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154939MB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	224468.7	102	%	1.2				1.20%
Sc 361.383	2602267.5	101	%	1.1				1.10%
Ag 328.068†	9.8	0.267	ug/L	0.2852	0.267	ug/L	0.2852	106.85%
Al 308.215†	10.4	5.73	ug/L	1.253	5.73	ug/L	1.253	21.88%
As 188.979†	2.2	1.04	ug/L	1.781	1.04	ug/L	1.781	171.95%
Ba 233.527†	-1.5	0.011	ug/L	0.0194	0.011	ug/L	0.0194	175.54%
Be 234.861†	-10.0	0.023	ug/L	0.0366	0.023	ug/L	0.0366	162.39%
Ca 315.887†	103.5	12.5	ug/L	1.09	12.5	ug/L	1.09	8.69%
Cd 226.502†	-2.8	0.002	ug/L	0.0937	0.002	ug/L	0.0937	>999.9%
Co 228.616†	-8.3	-0.253	ug/L	0.1052	-0.253	ug/L	0.1052	41.61%
Cr 267.716†	5.5	0.086	ug/L	0.0592	0.086	ug/L	0.0592	69.19%
Cu 324.752†	-31.3	-0.016	ug/L	0.1466	-0.016	ug/L	0.1466	921.62%
Fe 259.939†	57.4	3.29	ug/L	0.534	3.29	ug/L	0.534	16.24%
K 766.490†	92.5	9.56	ug/L	2.900	9.56	ug/L	2.900	30.33%
Mg 279.077†	31.8	3.58	ug/L	2.064	3.58	ug/L	2.064	57.60%
Mn 257.610†	730.4	0.835	ug/L	0.0409	0.835	ug/L	0.0409	4.89%
Mo 202.031†	-1.2	0.020	ug/L	0.2551	0.020	ug/L	0.2551	>999.9%
Na 589.592†	12.7	-2.51	ug/L	12.284	-2.51	ug/L	12.284	489.28%
Ni 231.604†	-1.6	-0.424	ug/L	0.4066	-0.424	ug/L	0.4066	95.78%
Pb 220.353†	4.3	3.16	ug/L	0.227	3.16	ug/L	0.227	7.18%
Sb 206.836†	-1.4	2.37	ug/L	1.311	2.37	ug/L	1.311	55.25%
Se 196.026†	0.5	0.011	ug/L	2.6523	0.011	ug/L	2.6523	>999.9%
Sn 189.927†	25.1	5.85	ug/L	1.043	5.85	ug/L	1.043	17.82%
Sr 421.552†	26.8	0.043	ug/L	0.0275	0.043	ug/L	0.0275	63.95%
Ti 334.940†	22.8	0.086	ug/L	0.0779	0.086	ug/L	0.0779	90.31%
Tl 190.801†	-4.5	-3.96	ug/L	2.035	-3.96	ug/L	2.035	51.36%
V 292.402†	7.0	0.163	ug/L	0.0970	0.163	ug/L	0.0970	59.52%
Zn 206.200†	61.7	2.24	ug/L	0.139	2.24	ug/L	0.139	6.20%

Sequence No.: 21 **Autosampler Location: 44**
Sample ID: 154940LCS **Date Collected: 11/28/2012 12:12:05 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154940LCS

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sc Radial	217916.3	99.2	%	2.41				2.43%
Sc 361.383	2533612.0	98.5	%	1.72				1.74%
Ag 328.068†	30049.2	197	ug/L	3.9	197	ug/L	3.9	1.99%
Al 308.215†	87146.9	51700	ug/L	2136.3	51700	ug/L	2136.3	4.13%
As 188.979†	795.3	484	ug/L	8.0	484	ug/L	8.0	1.66%
Ba 233.527†	255091.3	1450	ug/L	40.9	1450	ug/L	40.9	2.83%
Be 234.861†	152404.4	501	ug/L	11.2	501	ug/L	11.2	2.24%
Ca 315.887†	295429.9	50900	ug/L	2471.9	50900	ug/L	2471.9	4.86%
Cd 226.502†	6351.2	450	ug/L	6.1	450	ug/L	6.1	1.36%
Co 228.616†	17836.9	465	ug/L	10.1	465	ug/L	10.1	2.18%
Cr 267.716†	25763.1	487	ug/L	11.0	487	ug/L	11.0	2.27%
Cu 324.752†	179014.5	485	ug/L	12.6	485	ug/L	12.6	2.59%
Fe 259.939†	625286.3	51600	ug/L	2333.0	51600	ug/L	2333.0	4.52%
K 766.490†	244684.0	51000	ug/L	2161.1	51000	ug/L	2161.1	4.23%
Mg 279.077†	565665.1	49400	ug/L	1975.3	49400	ug/L	1975.3	4.00%
Mn 257.610†	408136.3	492	ug/L	13.9	492	ug/L	13.9	2.82%
Mo 202.031†	3381.3	494	ug/L	13.5	494	ug/L	13.5	2.73%
Na 589.592†	559951.8	51600	ug/L	1387.9	51600	ug/L	1387.9	2.69%
Ni 231.604†	9199.9	480	ug/L	8.3	480	ug/L	8.3	1.72%
Pb 220.353†	1478.2	466	ug/L	13.0	466	ug/L	13.0	2.78%
Sb 206.836†	1474.1	463	ug/L	10.3	463	ug/L	10.3	2.24%
Se 196.026†	538.5	521	ug/L	4.2	521	ug/L	4.2	0.80%
Sn 189.927†	1451.2	499	ug/L	10.7	499	ug/L	10.7	2.14%
Sr 421.552†	298051.2	493	ug/L	16.0	493	ug/L	16.0	3.24%
Ti 334.940†	338058.8	514	ug/L	13.4	514	ug/L	13.4	2.60%
Tl 190.801†	720.5	467	ug/L	9.4	467	ug/L	9.4	2.02%
V 292.402†	32330.8	498	ug/L	9.0	498	ug/L	9.0	1.81%
Zn 206.200†	10921.0	477	ug/L	10.5	477	ug/L	10.5	2.20%

Sequence No.: 22 **Autosampler Location: 45**
Sample ID: 154941LCSD **Date Collected: 11/28/2012 12:17:28 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154941LCSD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	220281.4	100	%	1.5				1.51%
Sc 361.383	2469795.7	96.0	%	1.31				1.37%
Ag 328.068†	31319.6	205	ug/L	4.8	205	ug/L	4.8	2.33%
Al 308.215†	87437.8	51900	ug/L	290.8	51900	ug/L	290.8	0.56%
As 188.979†	833.6	507	ug/L	2.9	507	ug/L	2.9	0.57%
Ba 233.527†	266268.4	1510	ug/L	11.6	1510	ug/L	11.6	0.77%
Be 234.861†	161201.6	530	ug/L	2.8	530	ug/L	2.8	0.53%
Ca 315.887†	292901.4	50500	ug/L	192.3	50500	ug/L	192.3	0.38%
Cd 226.502†	6627.8	470	ug/L	2.9	470	ug/L	2.9	0.62%
Co 228.616†	18753.2	489	ug/L	6.7	489	ug/L	6.7	1.37%
Cr 267.716†	26911.9	509	ug/L	5.9	509	ug/L	5.9	1.16%
Cu 324.752†	188645.9	511	ug/L	7.3	511	ug/L	7.3	1.44%
Fe 259.939†	623887.9	51500	ug/L	165.2	51500	ug/L	165.2	0.32%
K 766.490†	248742.4	51900	ug/L	416.6	51900	ug/L	416.6	0.80%
Mg 279.077†	565817.1	49400	ug/L	1441.4	49400	ug/L	1441.4	2.92%
Mn 257.610†	426640.2	514	ug/L	4.3	514	ug/L	4.3	0.83%
Mo 202.031†	3559.5	520	ug/L	7.4	520	ug/L	7.4	1.42%
Na 589.592†	554210.7	51100	ug/L	1433.7	51100	ug/L	1433.7	2.81%
Ni 231.604†	9663.3	505	ug/L	5.3	505	ug/L	5.3	1.05%
Pb 220.353†	1532.6	483	ug/L	4.6	483	ug/L	4.6	0.94%
Sb 206.836†	1540.8	484	ug/L	8.6	484	ug/L	8.6	1.77%
Se 196.026†	551.8	533	ug/L	2.3	533	ug/L	2.3	0.44%
Sn 189.927†	1518.2	522	ug/L	10.1	522	ug/L	10.1	1.93%
Sr 421.552†	292794.6	484	ug/L	9.1	484	ug/L	9.1	1.87%
Ti 334.940†	356269.0	542	ug/L	9.3	542	ug/L	9.3	1.72%
Tl 190.801†	742.5	481	ug/L	5.3	481	ug/L	5.3	1.10%
V 292.402†	33996.6	524	ug/L	11.2	524	ug/L	11.2	2.14%
Zn 206.200†	11502.1	503	ug/L	5.8	503	ug/L	5.8	1.16%

Sequence No.: 23 **Autosampler Location: 46**
Sample ID: 350761801 **Date Collected: 11/28/2012 12:22:50 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350761801

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	222500.6	101	%	0.0				0.02%
Sc 361.383	2496214.7	97.1	%	1.57				1.61%
Ag 328.068†	-6339.6	4.27	ug/L	0.644	4.27	ug/L	0.644	15.10%
Al 308.215†	175116.9	104000	ug/L	47.5	104000	ug/L	47.5	0.05%
As 188.979†	357.7	227	ug/L	3.0	227	ug/L	3.0	1.33%
Ba 233.527†	614654.0	3480	ug/L	18.5	3480	ug/L	18.5	0.53%
Be 234.861†	-964.1	11.3	ug/L	1.93	11.3	ug/L	1.93	17.10%
Ca 315.887†	768189.5	132000	ug/L	267.5	132000	ug/L	267.5	0.20%
Cd 226.502†	856.6	32.8	ug/L	1.03	32.8	ug/L	1.03	3.13%
Co 228.616†	3791.9	89.4	ug/L	1.27	89.4	ug/L	1.27	1.42%
Cr 267.716†	19649.7	374	ug/L	6.6	374	ug/L	6.6	1.77%
Cu 324.752†	355410.8	944	ug/L	2.2	944	ug/L	2.2	0.24%
Fe 259.939†	3551804.6	293000	ug/L	1149.8	293000	ug/L	1149.8	0.39%
K 766.490†	39103.8	8150	ug/L	45.7	8150	ug/L	45.7	0.56%
Mg 279.077†	311899.6	27300	ug/L	354.1	27300	ug/L	354.1	1.30%
Mn 257.610†	10402311.9	12500	ug/L	173.9	12500	ug/L	173.9	1.39%
Mo 202.031†	35.0	17.9	ug/L	1.37	17.9	ug/L	1.37	7.63%
Na 589.592†	12007.9	1100	ug/L	8.9	1100	ug/L	8.9	0.80%
Ni 231.604†	3583.2	186	ug/L	2.9	186	ug/L	2.9	1.56%
Pb 220.353†	9435.6	2950	ug/L	36.2	2950	ug/L	36.2	1.23%
Sb 206.836†	87.6	14.1	ug/L	3.05	14.1	ug/L	3.05	21.56%
Se 196.026†	-182.9	2.98	ug/L	10.425	2.98	ug/L	10.425	350.39%
Sn 189.927†	368.9	139	ug/L	3.5	139	ug/L	3.5	2.50%
Sr 421.552†	366109.0	606	ug/L	2.0	606	ug/L	2.0	0.32%
Ti 334.940†	1085409.5	1650	ug/L	20.2	1650	ug/L	20.2	1.22%
Tl 190.801†	-17.3	7.26	ug/L	1.279	7.26	ug/L	1.279	17.61%
V 292.402†	24011.2	356	ug/L	5.9	356	ug/L	5.9	1.66%
Zn 206.200†	466989.6	20400	ug/L	71.2	20400	ug/L	71.2	0.35%

Sequence No.: 24 **Autosampler Location: 47**
Sample ID: 350761801L **Date Collected: 11/28/2012 12:28:15 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 350761801L

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	222184.2	101	%	1.1				1.12%
Sc 361.383	2519488.3	98.0	%	0.70				0.72%
Ag 328.068†	-1263.7	1.68	ug/L	0.032	8.39	ug/L	0.160	1.90%
Al 308.215†	34716.7	20600	ug/L	139.7	103000	ug/L	698.3	0.68%
As 188.979†	76.4	48.2	ug/L	2.22	241	ug/L	11.1	4.59%
Ba 233.527†	126947.0	719	ug/L	7.1	3600	ug/L	35.5	0.99%
Be 234.861†	-724.4	0.766	ug/L	1.3331	3.83	ug/L	6.665	174.02%
Ca 315.887†	154384.9	26600	ug/L	48.0	133000	ug/L	239.9	0.18%
Cd 226.502†	172.8	6.41	ug/L	0.259	32.1	ug/L	1.29	4.03%
Co 228.616†	780.6	18.4	ug/L	0.04	91.8	ug/L	0.19	0.21%
Cr 267.716†	4047.4	77.1	ug/L	0.42	385	ug/L	2.1	0.55%
Cu 324.752†	68992.9	183	ug/L	1.5	915	ug/L	7.4	0.81%
Fe 259.939†	761649.0	62800	ug/L	845.4	314000	ug/L	4227.2	1.35%
K 766.490†	7679.1	1590	ug/L	24.7	7960	ug/L	123.3	1.55%
Mg 279.077†	65949.6	5770	ug/L	104.3	28900	ug/L	521.5	1.81%
Mn 257.610†	2242108.5	2700	ug/L	15.7	13500	ug/L	78.6	0.58%
Mo 202.031†	-1.7	2.64	ug/L	0.075	13.2	ug/L	0.38	2.85%
Na 589.592†	2198.9	199	ug/L	5.8	995	ug/L	29.2	2.93%
Ni 231.604†	760.4	39.2	ug/L	0.53	196	ug/L	2.7	1.36%
Pb 220.353†	2001.7	627	ug/L	4.2	3130	ug/L	21.0	0.67%
Sb 206.836†	16.2	4.38	ug/L	1.069	21.9	ug/L	5.34	24.42%
Se 196.026†	-39.9	-0.500	ug/L	5.2920	-2.50	ug/L	26.460	>999.9%
Sn 189.927†	61.5	21.4	ug/L	0.34	107	ug/L	1.7	1.58%
Sr 421.552†	74340.6	123	ug/L	1.4	615	ug/L	6.8	1.11%
Ti 334.940†	213162.7	324	ug/L	4.1	1620	ug/L	20.6	1.27%
Tl 190.801†	0.1	3.18	ug/L	3.760	15.9	ug/L	18.80	118.24%
V 292.402†	4877.3	72.3	ug/L	1.57	361	ug/L	7.8	2.17%
Zn 206.200†	98778.3	4310	ug/L	46.7	21600	ug/L	233.5	1.08%

Sequence No.: 25 **Autosampler Location: 48**
Sample ID: 154942MS **Date Collected: 11/28/2012 12:33:33 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154942MS

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	215723.4	98.2	%	0.75				0.76%
Sc 361.383	2410621.0	93.7	%	0.79				0.84%
Ag 328.068†	21022.8	205	ug/L	4.9	205	ug/L	4.9	2.40%
Al 308.215†	262163.4	156000	ug/L	1319.4	156000	ug/L	1319.4	0.85%
As 188.979†	1217.7	755	ug/L	5.4	755	ug/L	5.4	0.72%
Ba 233.527†	909087.8	5150	ug/L	63.3	5150	ug/L	63.3	1.23%
Be 234.861†	145213.3	498	ug/L	5.0	498	ug/L	5.0	1.01%
Ca 315.887†	935135.7	161000	ug/L	473.2	161000	ug/L	473.2	0.29%
Cd 226.502†	7309.7	476	ug/L	1.5	476	ug/L	1.5	0.32%
Co 228.616†	22062.6	563	ug/L	4.4	563	ug/L	4.4	0.78%
Cr 267.716†	45052.2	856	ug/L	9.4	856	ug/L	9.4	1.10%
Cu 324.752†	509862.0	1350	ug/L	32.8	1350	ug/L	32.8	2.42%
Fe 259.939†	5852490.2	483000	ug/L	2306.2	483000	ug/L	2306.2	0.48%
K 766.490†	286703.4	59800	ug/L	561.1	59800	ug/L	561.1	0.94%
Mg 279.077†	773658.5	67700	ug/L	204.0	67700	ug/L	204.0	0.30%
Mn 257.610†	15101263.3	18200	ug/L	154.0	18200	ug/L	154.0	0.85%
Mo 202.031†	3414.9	518	ug/L	5.1	518	ug/L	5.1	0.98%
Na 589.592†	576658.7	53200	ug/L	371.4	53200	ug/L	371.4	0.70%
Ni 231.604†	13087.7	683	ug/L	8.7	683	ug/L	8.7	1.27%
Pb 220.353†	9952.3	3090	ug/L	21.2	3090	ug/L	21.2	0.69%
Sb 206.836†	1296.0	382	ug/L	2.6	382	ug/L	2.6	0.69%
Se 196.026†	248.8	500	ug/L	3.6	500	ug/L	3.6	0.72%
Sn 189.927†	1698.0	593	ug/L	4.8	593	ug/L	4.8	0.81%
Sr 421.552†	674261.6	1120	ug/L	9.2	1120	ug/L	9.2	0.83%
Ti 334.940†	1204559.9	1830	ug/L	38.5	1830	ug/L	38.5	2.10%
Tl 190.801†	629.1	435	ug/L	5.5	435	ug/L	5.5	1.27%
V 292.402†	60706.1	915	ug/L	33.4	915	ug/L	33.4	3.65%
Zn 206.200†	415157.1	18100	ug/L	411.9	18100	ug/L	411.9	2.27%

Sequence No.: 26 **Autosampler Location: 49**
Sample ID: 154943MSD **Date Collected: 11/28/2012 12:39:03 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 154943MSD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	216808.2	98.7	%	0.85				0.86%
Sc 361.383	2413787.3	93.8	%	0.74				0.79%
Ag 328.068†	24755.3	206	ug/L	0.9	206	ug/L	0.9	0.43%
Al 308.215†	277101.2	164000	ug/L	767.5	164000	ug/L	767.5	0.47%
As 188.979†	1168.7	720	ug/L	10.9	720	ug/L	10.9	1.51%
Ba 233.527†	1043027.9	5910	ug/L	44.0	5910	ug/L	44.0	0.74%
Be 234.861†	155140.0	524	ug/L	3.5	524	ug/L	3.5	0.67%
Ca 315.887†	1044091.6	180000	ug/L	688.1	180000	ug/L	688.1	0.38%
Cd 226.502†	7270.3	488	ug/L	9.8	488	ug/L	9.8	2.01%
Co 228.616†	22694.0	583	ug/L	5.5	583	ug/L	5.5	0.95%
Cr 267.716†	44274.6	840	ug/L	10.3	840	ug/L	10.3	1.23%
Cu 324.752†	624234.7	1660	ug/L	23.7	1660	ug/L	23.7	1.43%
Fe 259.939†	4049013.3	334000	ug/L	259.3	334000	ug/L	259.3	0.08%
K 766.490†	287243.9	59900	ug/L	559.8	59900	ug/L	559.8	0.93%
Mg 279.077†	783216.9	68500	ug/L	729.0	68500	ug/L	729.0	1.06%
Mn 257.610†	19398886.1	23400	ug/L	305.5	23400	ug/L	305.5	1.31%
Mo 202.031†	3463.6	519	ug/L	3.4	519	ug/L	3.4	0.66%
Na 589.592†	586497.9	54100	ug/L	337.4	54100	ug/L	337.4	0.62%
Ni 231.604†	12791.1	667	ug/L	4.6	667	ug/L	4.6	0.68%
Pb 220.353†	11396.7	3570	ug/L	48.5	3570	ug/L	48.5	1.36%
Sb 206.836†	1260.0	379	ug/L	6.7	379	ug/L	6.7	1.76%
Se 196.026†	378.8	539	ug/L	4.3	539	ug/L	4.3	0.80%
Sn 189.927†	1740.2	612	ug/L	4.5	612	ug/L	4.5	0.73%
Sr 421.552†	639369.5	1060	ug/L	11.3	1060	ug/L	11.3	1.06%
Ti 334.940†	1236416.4	1880	ug/L	47.1	1880	ug/L	47.1	2.50%
Tl 190.801†	684.8	462	ug/L	10.8	462	ug/L	10.8	2.34%
V 292.402†	55290.0	839	ug/L	8.6	839	ug/L	8.6	1.03%
Zn 206.200†	416086.5	18200	ug/L	308.1	18200	ug/L	308.1	1.70%

Sequence No.: 27 **Autosampler Location: 50**
Sample ID: 350761801A **Date Collected: 11/28/2012 12:44:26 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350761801A

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	215352.1	98.0	%	0.74				0.75%
Sc 361.383	2389874.5	92.9	%	0.81				0.87%
Ag 328.068†	27007.3	219	ug/L	3.1	219	ug/L	3.1	1.41%
Al 308.215†	257547.9	153000	ug/L	788.4	153000	ug/L	788.4	0.52%
As 188.979†	1198.1	738	ug/L	3.4	738	ug/L	3.4	0.45%
Ba 233.527†	846114.6	4800	ug/L	29.3	4800	ug/L	29.3	0.61%
Be 234.861†	167391.8	563	ug/L	12.7	563	ug/L	12.7	2.26%
Ca 315.887†	1018206.7	175000	ug/L	381.2	175000	ug/L	381.2	0.22%
Cd 226.502†	7401.4	498	ug/L	8.4	498	ug/L	8.4	1.68%
Co 228.616†	22182.8	569	ug/L	3.3	569	ug/L	3.3	0.57%
Cr 267.716†	45613.4	865	ug/L	5.2	865	ug/L	5.2	0.60%
Cu 324.752†	543770.6	1460	ug/L	19.3	1460	ug/L	19.3	1.33%
Fe 259.939†	3941672.2	325000	ug/L	1386.5	325000	ug/L	1386.5	0.43%
K 766.490†	289146.1	60300	ug/L	378.6	60300	ug/L	378.6	0.63%
Mg 279.077†	836688.3	73100	ug/L	639.8	73100	ug/L	639.8	0.87%
Mn 257.610†	10361210.4	12500	ug/L	103.2	12500	ug/L	103.2	0.83%
Mo 202.031†	3570.9	534	ug/L	3.8	534	ug/L	3.8	0.71%
Na 589.592†	576171.7	53100	ug/L	306.2	53100	ug/L	306.2	0.58%
Ni 231.604†	13035.1	680	ug/L	1.8	680	ug/L	1.8	0.27%
Pb 220.353†	10314.7	3230	ug/L	24.8	3230	ug/L	24.8	0.77%
Sb 206.836†	1664.2	507	ug/L	1.0	507	ug/L	1.0	0.20%
Se 196.026†	417.7	569	ug/L	13.8	569	ug/L	13.8	2.43%
Sn 189.927†	1882.2	662	ug/L	5.6	662	ug/L	5.6	0.85%
Sr 421.552†	660261.5	1090	ug/L	10.3	1090	ug/L	10.3	0.94%
Ti 334.940†	1415439.6	2150	ug/L	26.4	2150	ug/L	26.4	1.23%
Tl 190.801†	693.6	468	ug/L	2.8	468	ug/L	2.8	0.60%
V 292.402†	57550.7	874	ug/L	12.0	874	ug/L	12.0	1.37%
Zn 206.200†	450226.6	19700	ug/L	118.5	19700	ug/L	118.5	0.60%

Sequence No.: 28 **Autosampler Location: 51**
Sample ID: 350765906 **Date Collected: 11/28/2012 12:49:46 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350765906

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	227261.3	103	%	0.6				0.59%
Sc 361.383	2584682.5	100	%	4.0				3.99%
Ag 328.068†	-112.4	0.200	ug/L	0.2305	0.200	ug/L	0.2305	115.00%
Al 308.215†	9838.4	5830	ug/L	72.8	5830	ug/L	72.8	1.25%
As 188.979†	5.8	3.43	ug/L	0.507	3.43	ug/L	0.507	14.80%
Ba 233.527†	6065.1	34.4	ug/L	1.05	34.4	ug/L	1.05	3.06%
Be 234.861†	-10.9	0.249	ug/L	0.1383	0.249	ug/L	0.1383	55.53%
Ca 315.887†	123822.1	21300	ug/L	224.0	21300	ug/L	224.0	1.05%
Cd 226.502†	33.8	2.16	ug/L	0.317	2.16	ug/L	0.317	14.67%
Co 228.616†	146.6	3.45	ug/L	0.096	3.45	ug/L	0.096	2.78%
Cr 267.716†	597.4	11.3	ug/L	0.47	11.3	ug/L	0.47	4.12%
Cu 324.752†	25742.9	69.9	ug/L	2.99	69.9	ug/L	2.99	4.28%
Fe 259.939†	56802.9	4690	ug/L	68.0	4690	ug/L	68.0	1.45%
K 766.490†	883.5	175	ug/L	10.9	175	ug/L	10.9	6.26%
Mg 279.077†	5004.7	438	ug/L	10.5	438	ug/L	10.5	2.40%
Mn 257.610†	44745.7	53.9	ug/L	1.40	53.9	ug/L	1.40	2.59%
Mo 202.031†	5.7	1.22	ug/L	0.209	1.22	ug/L	0.209	17.13%
Na 589.592†	486.6	41.2	ug/L	4.29	41.2	ug/L	4.29	10.42%
Ni 231.604†	189.0	9.52	ug/L	0.242	9.52	ug/L	0.242	2.54%
Pb 220.353†	107.6	35.6	ug/L	4.75	35.6	ug/L	4.75	13.34%
Sb 206.836†	6.5	4.74	ug/L	0.455	4.74	ug/L	0.455	9.60%
Se 196.026†	-3.1	0.995	ug/L	4.3121	0.995	ug/L	4.3121	433.40%
Sn 189.927†	8.8	3.09	ug/L	0.531	3.09	ug/L	0.531	17.19%
Sr 421.552†	43484.1	71.9	ug/L	1.64	71.9	ug/L	1.64	2.27%
Ti 334.940†	86580.5	132	ug/L	6.7	132	ug/L	6.7	5.06%
Tl 190.801†	2.8	1.26	ug/L	0.920	1.26	ug/L	0.920	73.13%
V 292.402†	1129.0	17.3	ug/L	0.65	17.3	ug/L	0.65	3.76%
Zn 206.200†	17685.4	771	ug/L	28.5	771	ug/L	28.5	3.70%

Sequence No.: 29 **Autosampler Location: 52**
Sample ID: 350761610 **Date Collected: 11/28/2012 12:55:05 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 350761610

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	222355.0	101	%	2.1				2.08%
Sc 361.383	2499046.7	97.2	%	1.43				1.47%
Ag 328.068†	-4915.8	2.63	ug/L	1.118	2.63	ug/L	1.118	42.56%
Al 308.215†	142682.5	84600	ug/L	1143.4	84600	ug/L	1143.4	1.35%
As 188.979†	222.7	143	ug/L	4.3	143	ug/L	4.3	3.00%
Ba 233.527†	262292.3	1490	ug/L	14.6	1490	ug/L	14.6	0.98%
Be 234.861†	-2990.2	1.18	ug/L	2.650	1.18	ug/L	2.650	225.26%
Ca 315.887†	351601.5	60600	ug/L	206.0	60600	ug/L	206.0	0.34%
Cd 226.502†	330.0	2.03	ug/L	0.960	2.03	ug/L	0.960	47.19%
Co 228.616†	2912.1	68.7	ug/L	1.07	68.7	ug/L	1.07	1.56%
Cr 267.716†	13019.2	248	ug/L	3.7	248	ug/L	3.7	1.49%
Cu 324.752†	177140.1	469	ug/L	3.2	469	ug/L	3.2	0.69%
Fe 259.939†	2695199.6	222000	ug/L	4790.7	222000	ug/L	4790.7	2.15%
K 766.490†	33591.2	7000	ug/L	65.4	7000	ug/L	65.4	0.93%
Mg 279.077†	124756.5	10900	ug/L	132.7	10900	ug/L	132.7	1.21%
Mn 257.610†	6118669.7	7380	ug/L	34.5	7380	ug/L	34.5	0.47%
Mo 202.031†	20.6	12.7	ug/L	0.81	12.7	ug/L	0.81	6.37%
Na 589.592†	5053.4	462	ug/L	12.3	462	ug/L	12.3	2.66%
Ni 231.604†	2207.5	114	ug/L	1.9	114	ug/L	1.9	1.63%
Pb 220.353†	4198.5	1310	ug/L	16.5	1310	ug/L	16.5	1.26%
Sb 206.836†	49.7	6.46	ug/L	1.146	6.46	ug/L	1.146	17.74%
Se 196.026†	-134.6	2.73	ug/L	2.074	2.73	ug/L	2.074	75.84%
Sn 189.927†	395.4	140	ug/L	3.2	140	ug/L	3.2	2.27%
Sr 421.552†	168152.6	278	ug/L	1.4	278	ug/L	1.4	0.50%
Ti 334.940†	848077.1	1290	ug/L	10.2	1290	ug/L	10.2	0.79%
Tl 190.801†	-19.3	1.41	ug/L	3.261	1.41	ug/L	3.261	231.53%
V 292.402†	16046.1	237	ug/L	1.9	237	ug/L	1.9	0.80%
Zn 206.200†	71324.0	3110	ug/L	25.2	3110	ug/L	25.2	0.81%

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Sequence No.: 30 **Autosampler Location: 4**
Sample ID: CCV **Date Collected: 11/28/2012 1:00:28 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	219128.5	99.7	%	1.06				1.06%
Sc 361.383	2501648.1	97.3	%	0.39				0.40%
Ag 328.068†	80130.5	511	ug/L	9.3	511	ug/L	9.3	1.82%
QC value within limits for Ag 328.068 Recovery = 102.13%								
Al 308.215†	43127.8	25600	ug/L	154.3	25600	ug/L	154.3	0.60%
QC value within limits for Al 308.215 Recovery = 102.34%								
As 188.979†	827.4	503	ug/L	8.3	503	ug/L	8.3	1.66%
QC value within limits for As 188.979 Recovery = 100.66%								
Ba 233.527†	89347.7	506	ug/L	7.1	506	ug/L	7.1	1.40%
QC value within limits for Ba 233.527 Recovery = 101.28%								
Be 234.861†	160253.8	526	ug/L	3.0	526	ug/L	3.0	0.57%
QC value within limits for Be 234.861 Recovery = 105.18%								
Ca 315.887†	145136.6	25000	ug/L	145.8	25000	ug/L	145.8	0.58%
QC value within limits for Ca 315.887 Recovery = 100.01%								
Cd 226.502†	6687.6	475	ug/L	6.0	475	ug/L	6.0	1.26%
QC value within limits for Cd 226.502 Recovery = 94.97%								
Co 228.616†	18744.6	489	ug/L	10.6	489	ug/L	10.6	2.17%
QC value within limits for Co 228.616 Recovery = 97.81%								
Cr 267.716†	26755.3	506	ug/L	5.9	506	ug/L	5.9	1.16%
QC value within limits for Cr 267.716 Recovery = 101.19%								
Cu 324.752†	184934.3	501	ug/L	2.2	501	ug/L	2.2	0.43%
QC value within limits for Cu 324.752 Recovery = 100.16%								
Fe 259.939†	500131.1	41300	ug/L	681.2	41300	ug/L	681.2	1.65%
QC value within limits for Fe 259.939 Recovery = 103.15%								
K 766.490†	122462.5	25500	ug/L	33.9	25500	ug/L	33.9	0.13%
QC value within limits for K 766.490 Recovery = 102.14%								
Mg 279.077†	292627.7	25600	ug/L	205.3	25600	ug/L	205.3	0.80%
QC value within limits for Mg 279.077 Recovery = 102.22%								
Mn 257.610†	425617.8	513	ug/L	1.1	513	ug/L	1.1	0.21%
QC value within limits for Mn 257.610 Recovery = 102.62%								
Mo 202.031†	3518.7	514	ug/L	4.7	514	ug/L	4.7	0.91%
QC value within limits for Mo 202.031 Recovery = 102.79%								
Na 589.592†	274636.4	25300	ug/L	322.7	25300	ug/L	322.7	1.27%
QC value within limits for Na 589.592 Recovery = 101.28%								
Ni 231.604†	10023.5	524	ug/L	5.8	524	ug/L	5.8	1.11%
QC value within limits for Ni 231.604 Recovery = 104.71%								
Pb 220.353†	1555.5	489	ug/L	3.7	489	ug/L	3.7	0.76%
QC value within limits for Pb 220.353 Recovery = 97.83%								
Sb 206.836†	1533.1	482	ug/L	2.7	482	ug/L	2.7	0.57%
QC value within limits for Sb 206.836 Recovery = 96.30%								
Se 196.026†	560.6	533	ug/L	3.7	533	ug/L	3.7	0.69%
QC value within limits for Se 196.026 Recovery = 106.59%								
Sn 189.927†	1199.7	410	ug/L	4.7	410	ug/L	4.7	1.14%
QC value within limits for Sn 189.927 Recovery = 102.61%								
Sr 421.552†	239151.2	396	ug/L	7.3	396	ug/L	7.3	1.84%
QC value within limits for Sr 421.552 Recovery = 98.92%								
Ti 334.940†	272523.8	414	ug/L	2.5	414	ug/L	2.5	0.59%
QC value within limits for Ti 334.940 Recovery = 103.62%								
Tl 190.801†	760.5	492	ug/L	3.9	492	ug/L	3.9	0.79%
QC value within limits for Tl 190.801 Recovery = 98.41%								
V 292.402†	33214.3	512	ug/L	9.0	512	ug/L	9.0	1.75%
QC value within limits for V 292.402 Recovery = 102.46%								
Zn 206.200†	11862.9	518	ug/L	5.9	518	ug/L	5.9	1.14%
QC value within limits for Zn 206.200 Recovery = 103.69%								

All analyte(s) passed QC.

Sequence No.: 31 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 11/28/2012 1:05:50 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sc Radial	221983.6	101	%	0.9				0.88%
Sc 361.383	2541811.7	98.8	%	1.15				1.16%
Ag 328.068†	-2.8	0.192	ug/L	0.2351	0.192	ug/L	0.2351	122.57%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215†	24.4	14.0	ug/L	5.37	14.0	ug/L	5.37	38.27%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979†	0.4	-0.053	ug/L	1.6680	-0.053	ug/L	1.6680	>999.9%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	28.1	0.179	ug/L	0.0021	0.179	ug/L	0.0021	1.20%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861†	17.8	0.115	ug/L	0.0175	0.115	ug/L	0.0175	15.27%
QC value within limits for Be 234.861 Recovery = Not calculated								
Ca 315.887†	98.6	11.6	ug/L	1.61	11.6	ug/L	1.61	13.83%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cd 226.502†	-4.5	-0.123	ug/L	0.1173	-0.123	ug/L	0.1173	95.64%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616†	-1.9	-0.087	ug/L	0.1501	-0.087	ug/L	0.1501	173.15%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	19.3	0.347	ug/L	0.0589	0.347	ug/L	0.0589	16.98%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752†	-40.6	-0.041	ug/L	0.1388	-0.041	ug/L	0.1388	339.36%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 259.939†	354.5	27.8	ug/L	2.56	27.8	ug/L	2.56	9.21%
QC value within limits for Fe 259.939 Recovery = Not calculated								
K 766.490†	86.4	8.28	ug/L	6.509	8.28	ug/L	6.509	78.60%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 279.077†	58.4	5.90	ug/L	2.188	5.90	ug/L	2.188	37.06%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610†	477.5	0.530	ug/L	0.0494	0.530	ug/L	0.0494	9.32%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-1.8	-0.073	ug/L	0.3567	-0.073	ug/L	0.3567	490.59%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-461.3	-46.2	ug/L	4.80	-46.2	ug/L	4.80	10.39%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	0.2	-0.333	ug/L	0.1172	-0.333	ug/L	0.1172	35.21%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	3.3	2.83	ug/L	0.137	2.83	ug/L	0.137	4.84%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	1.8	3.36	ug/L	0.613	3.36	ug/L	0.613	18.24%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-2.5	-2.65	ug/L	4.030	-2.65	ug/L	4.030	152.14%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927†	-5.9	-4.71	ug/L	1.310	-4.71	ug/L	1.310	27.78%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	68.6	0.112	ug/L	0.0023	0.112	ug/L	0.0023	2.07%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Ti 334.940†	87.4	0.184	ug/L	0.0345	0.184	ug/L	0.0345	18.71%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Tl 190.801†	-3.4	-3.23	ug/L	2.010	-3.23	ug/L	2.010	62.22%
QC value within limits for Tl 190.801 Recovery = Not calculated								
V 292.402†	11.0	0.223	ug/L	0.0478	0.223	ug/L	0.0478	21.45%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200†	45.3	1.53	ug/L	0.103	1.53	ug/L	0.103	6.72%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
46091	ICP_MAJ_SPK	CPI	12D190	10/25/2013	1000 ML	5/9/2012	troberts

2500000 UG/L: Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
47299	ICP_MIN_SPK	CPI	12H035	2/6/2014	1000 ML	8/13/2012	troberts

10000 UG/L: Silver
25000 UG/L: Antimony, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Strontium, Thallium, Tin, Titanium, Vanadiu
Zinc
250000 UG/L: Lithium
75000 UG/L: Barium

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
47580	Hydrogen Peroxide	Fisher	122783	9/10/2014	4 L	9/10/2012	jbowman

3507616

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
47792	ICP_ICV			11/30/2012	500 ML	10/2/2012	jbowman

1200 UG/L: Barium
160 UG/L: Silver
400 UG/L: Antimony, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Strontium, Thallium, Tin, Titanium, Vanadium,
4000 UG/L: Lithium
40000 UG/L: Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium

COMPOSED OF:

45611: 484 ML 46091: 8 ML 47299: 8 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
48292	HCl	Fisher	4112070	12/23/2014	5 L	11/1/2012	twolf

2285

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
48316	HNO3	fisher	1112030	3/27/2014	2.5 L	11/2/2012	twolf

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
48344	ICP_ICSA			11/30/2012	1000 ML	11/6/2012	jbowman

225000 UG/L: Iron
250000 UG/L: Aluminum, Calcium, Magnesium

COMPOSED OF:

45611: 937.5 ML 47227: 50 ML 47413: 12.5 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
48347	ICP_CAL5			11/30/2012	250 ML	11/6/2012	jbowman

250000 UG/L: Aluminum, Calcium, Magnesium, Potassium, Sodium
4000 UG/L: Strontium, Tin, Titanium
400000 UG/L: Iron
5000 UG/L: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
50000 UG/L: Lithium

COMPOSED OF:

45622: 175 ML 46631: 12.5 ML 47227: 12.5 ML 48083: 50 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
48348	ICP_CAL4/CCV			11/30/2012	1000 ML	11/6/2012	jbowman

25000 UG/L: Aluminum, Calcium, Magnesium, Potassium, Sodium
400 UG/L: Strontium, Tin, Titanium
40000 UG/L: Iron
500 UG/L: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
5000 UG/L: Lithium

COMPOSED OF:

45622: 900 ML 48347: 100 ML

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
48349	ICP_CAL3			11/30/2012	250 ML	11/6/2012	jbowman

2500 UG/L: Aluminum, Calcium, Magnesium, Potassium, Sodium
40 UG/L: Strontium, Tin, Titanium
4000 UG/L: Iron
50 UG/L: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
500 UG/L: Lithium

COMPOSED OF:

45622: 247.5 ML 48347: 2.5 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
48350	ICP_CAL2			11/30/2012	250 ML	11/6/2012	jbowman

250 UG/L: Aluminum, Calcium, Magnesium, Potassium, Sodium
4 UG/L: Strontium, Tin, Titanium
400 UG/L: Iron
5 UG/L: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
50 UG/L: Lithium

COMPOSED OF:

45622: 249.75 ML 48347: 0.25 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
48351	ICP_CAL1			11/30/2012	250 ML	11/6/2012	jbowman

0.4 UG/L: Strontium, Tin, Titanium
0.5 UG/L: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
25 UG/L: Aluminum, Calcium, Magnesium, Potassium, Sodium
40 UG/L: Iron
5 UG/L: Lithium

COMPOSED OF:

45622: 249.975 ML 48347: 0.025 ML

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
48606	ICP_ICSAB			11/30/2012	1000 ML	11/19/2012	jbowman

100 UG/L: Arsenic, Thallium
1000 UG/L: Cadmium, Nickel, Zinc
200 UG/L: Silver
225000 UG/L: Iron
250000 UG/L: Aluminum, Calcium, Magnesium
50 UG/L: Lead, Selenium
500 UG/L: Barium, Beryllium, Chromium, Cobalt, Copper, Manganese, Molybdenum, Strontium, Tin, Titanium, Vanadium
600 UG/L: Antimony

COMPOSED OF:

44883: 0.5 ML 45611: 925.2 ML 45661: 0.5 ML 47227: 50 ML 47412: 10 ML 47413: 12.5 ML 48393: 0.5 ML 48394: 0.5 ML

3507616

2288

Raw Data Inorganics/Metals

Spectrum Analytical, Inc. Florida Division

Prepared by: JB | Date Prepared: 11/26/12

PREP Batch: 112012A

LCS/MS/SD Spike: MET# 47360 | LCS/MS/SD Spike amount: 0.075 mL

CAL Spike: MET# 48104, 47359 | Pipette(s) Used for Spikes: P6 W64

Balance ID: Met 1 | Glass Beads ID: 33394

Filter Lot #: NA | Thermometer ID: 11873

Dig Tube: 1207143 | Water Bath Temperature: 95 °C

Reagents: PM#

$KMnO_4$ 48211

$K_2S_2O_8$ NA

HCl 47790

HNO_3 47359

H_2SO_4 NA

Hydrox. 47527

Carrier 48633

Reductant 48634

Methods: Water 7470/7470A Soil 7471A/7471B | Start time: 18:20 | Stop time: 18:50

	Tube#	Container #	Sample ID	ID	Weight (g) or Volume (mL) 3 Sig Fig	Final volume (mL)
	8		BLK 112012A	BLK	.252	25.0 mL
	9		LCS	LCS	.256	
	10		LCSD	LCSD	.251	
1	11	7	3507622 01		.258	
1	12	7		MS	.351	
1	13	7		SD	.299	
2		3	04		.316	
3		1	05		.318	
4		1	06		.393	
5		1	07		.254	
6		1	08		.267	
7		1	09		.472	
8		1	3507600 07		.383	
9		2	08		.257	
10		2	11		.281	
11		2	3507601 06		.302	
12		1	07		.258	
13		1	08		.270	
14		1	09		.263	
15		1	10		.328	
16		2	3507616 02		.282	
17		2	05		.281	
18		2	13 ~~15~~	B 11/20	.319	
19		2	15		.291	
20			JD 11/20/12			

7471

Comment or Notification: Pilot Batch #: 11632

Pilot # 154431

Pilot # 32

Pilot # 33

I 11/21

Pilot # 34

Pilot # 35

IV 11/26

AS Pos #	Calibration Standards			
1	CAL BLANK			
2	CS1	0.200 ug/L	50.0 uL	MET# 48104
3	CS2	0.500 ug/L	125 uL	MET#
4	CS3	1.00 ug/L	25.0 uL	MET# 47359
5	CS4	5.00 ug/L	125 uL	MET#
6	CS5	10.0 ug/L	250 uL	MET#
7	ICV	3.00 ug/L	75.0 uL	MET# 47360

IV 11/26

IV 11/28

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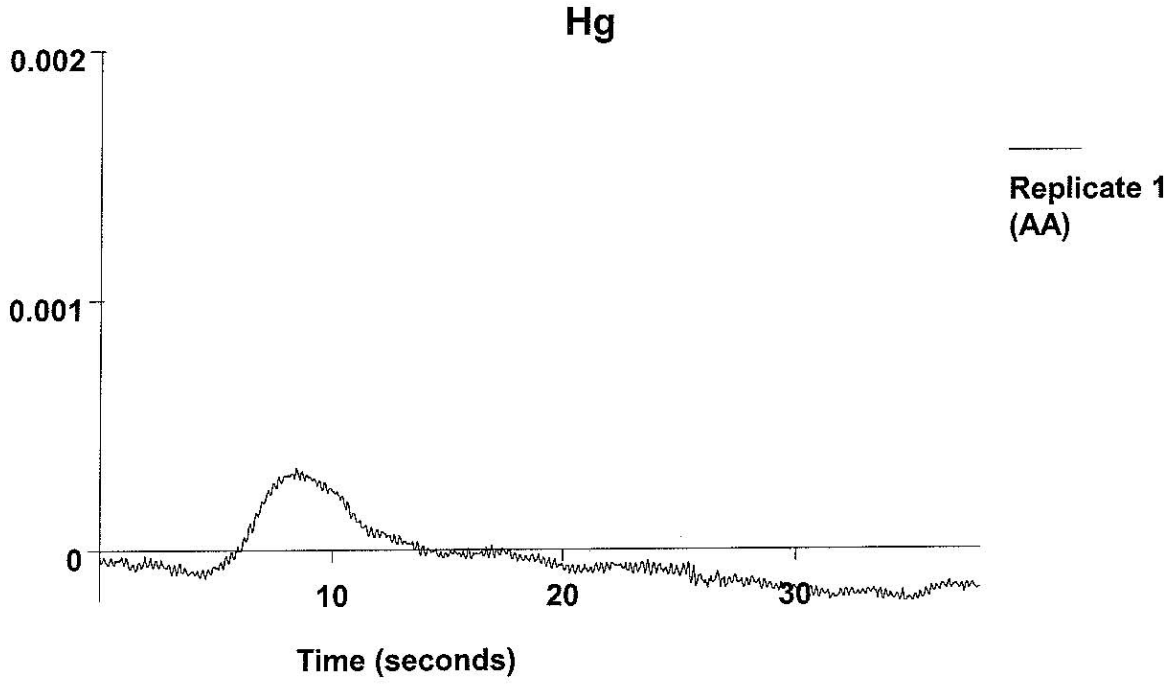
Method Name: Non-CLP Hg
Method Description: Hg 7470/7471
Element: Hg

Date: 11/21/2012
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: 112112A.SIF Results Data Set Name: 112112A

==========

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 11/21/2012
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0003	-0.0016	0.0003	12:09:30	Yes

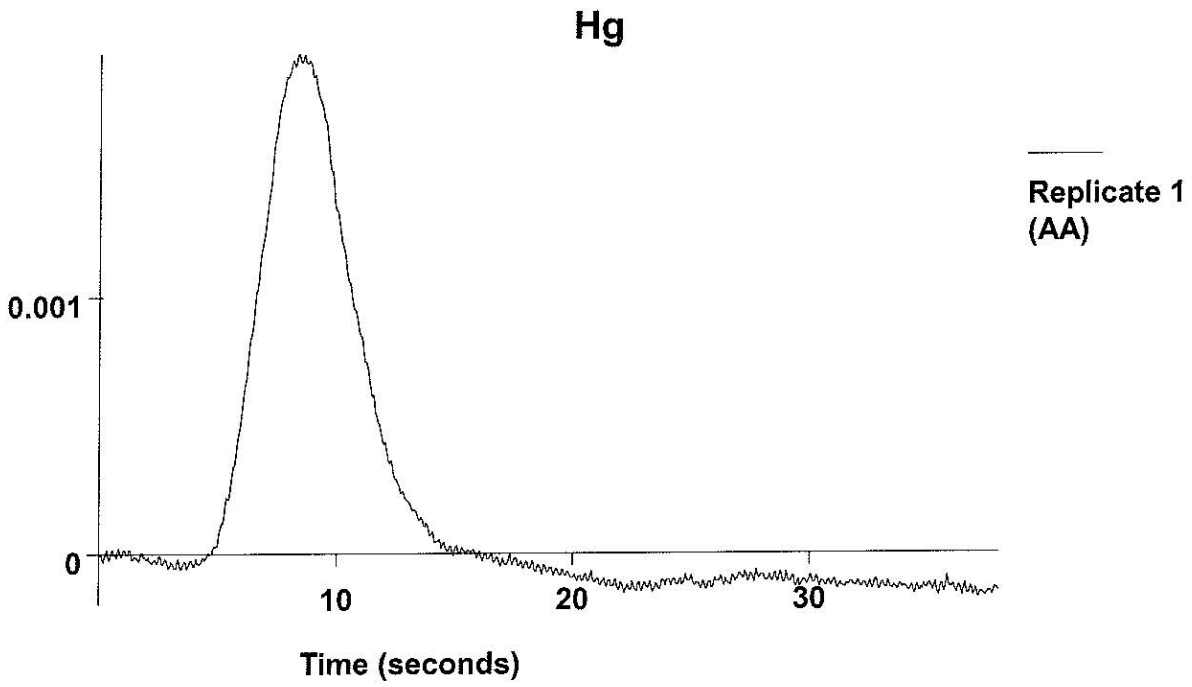


Auto-zero performed.

==========

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 11/21/2012
Sample ID: CS1

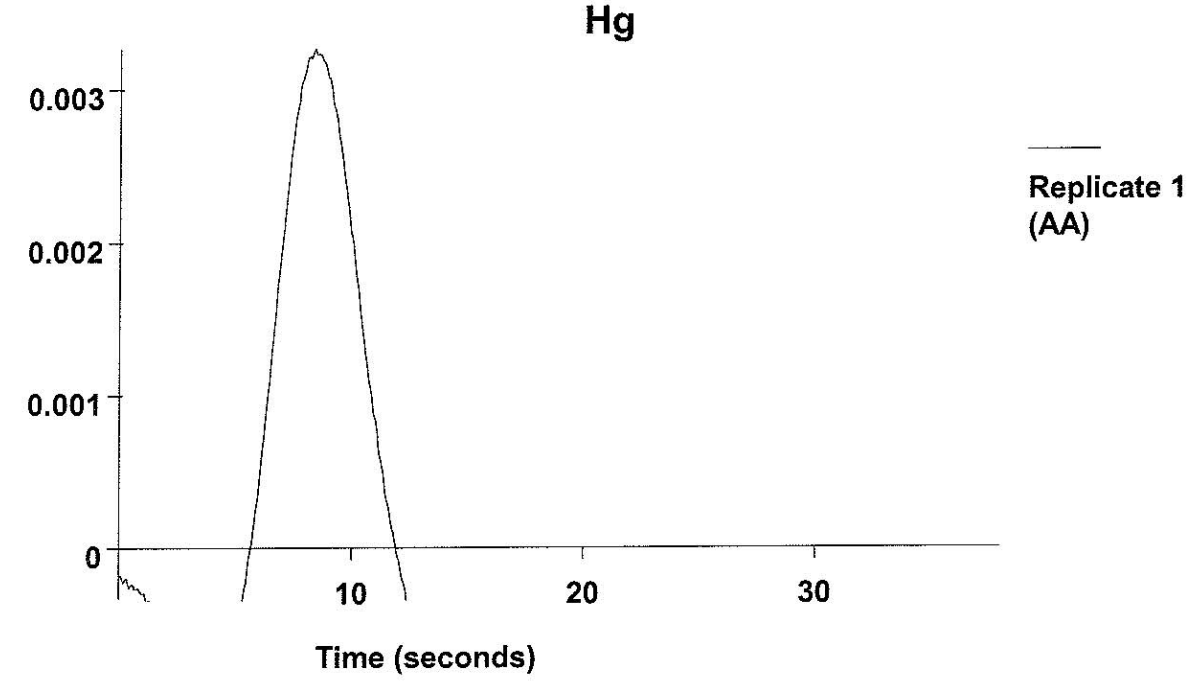
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0016	0.0062	0.0019	12:11:15	Yes



[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.00810

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 11/21/2012
Sample ID: CS2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0029	-0.0345	0.0032	12:13:03	Yes

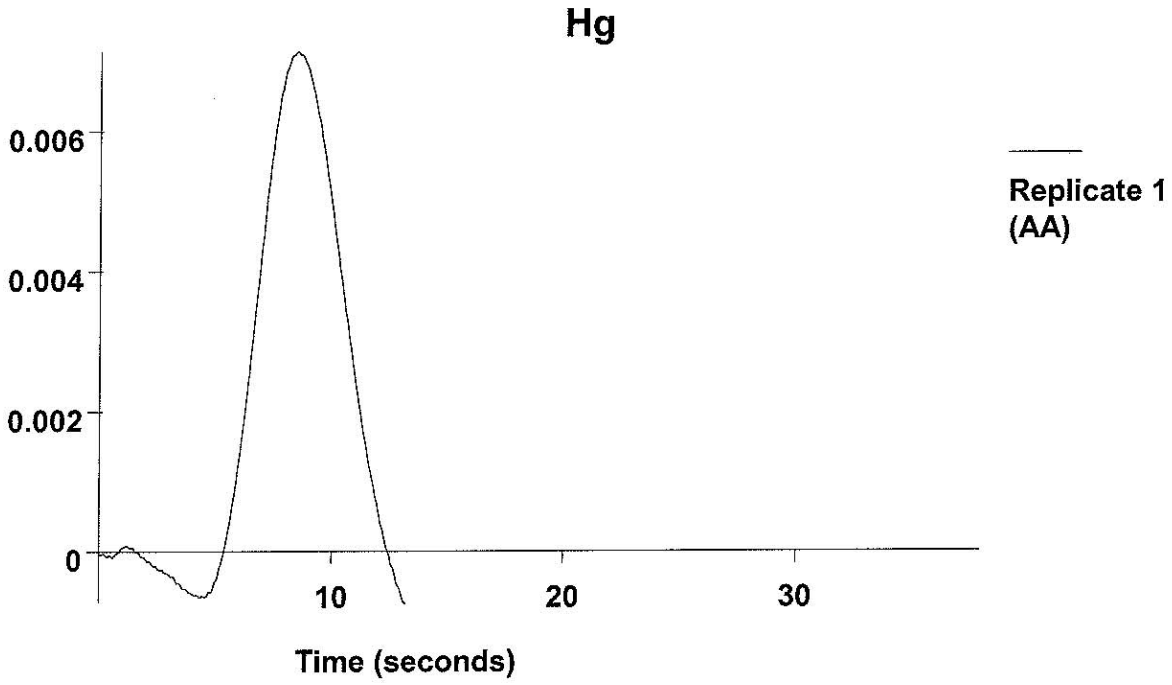


[Hg] Standard number 2 applied. [0.500]

Correlation Coefficient: 0.94703 Slope: 0.00624

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 11/21/2012
Sample ID: CS3

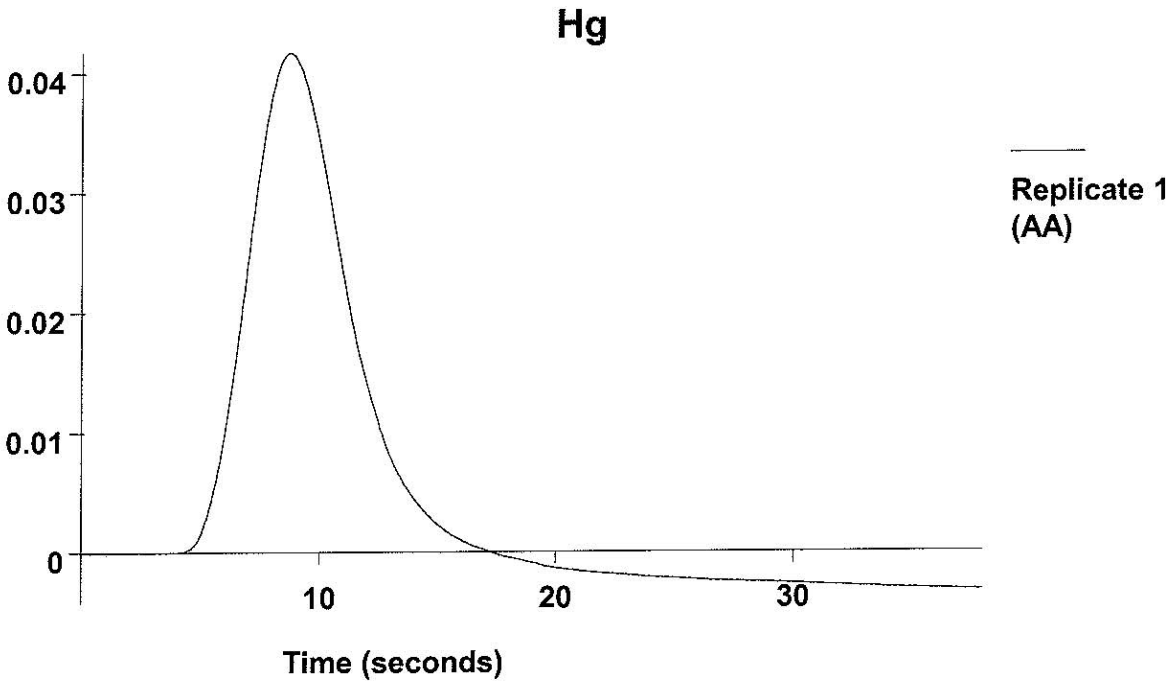
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0068	-0.0462	0.0071	12:14:52	Yes



[Hg] Standard number 3 applied. [1.00]
Correlation Coefficient: 0.99067 Slope: 0.00667

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 11/21/2012
Sample ID: CS4

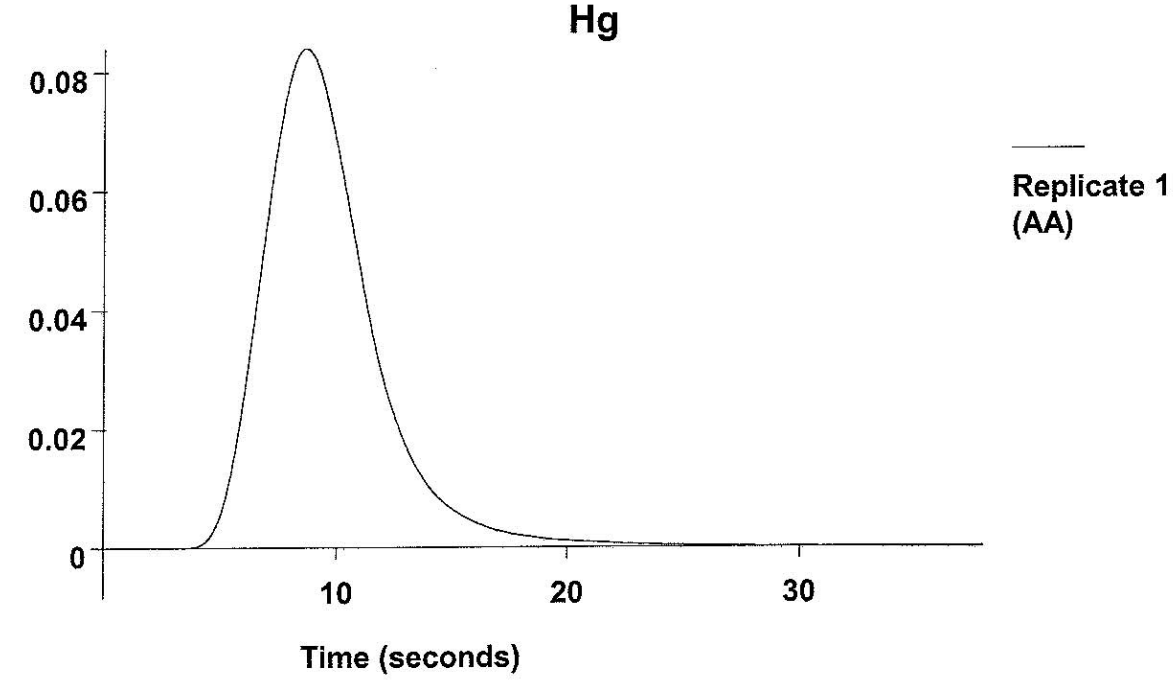
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0411	0.1551	0.0415	12:16:41	Yes



[Hg] Standard number 4 applied. [5.00]
Correlation Coefficient: 0.99831 Slope: 0.00817

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 11/21/2012
Sample ID: CS5

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0832	0.4392	0.0835	12:18:30	Yes

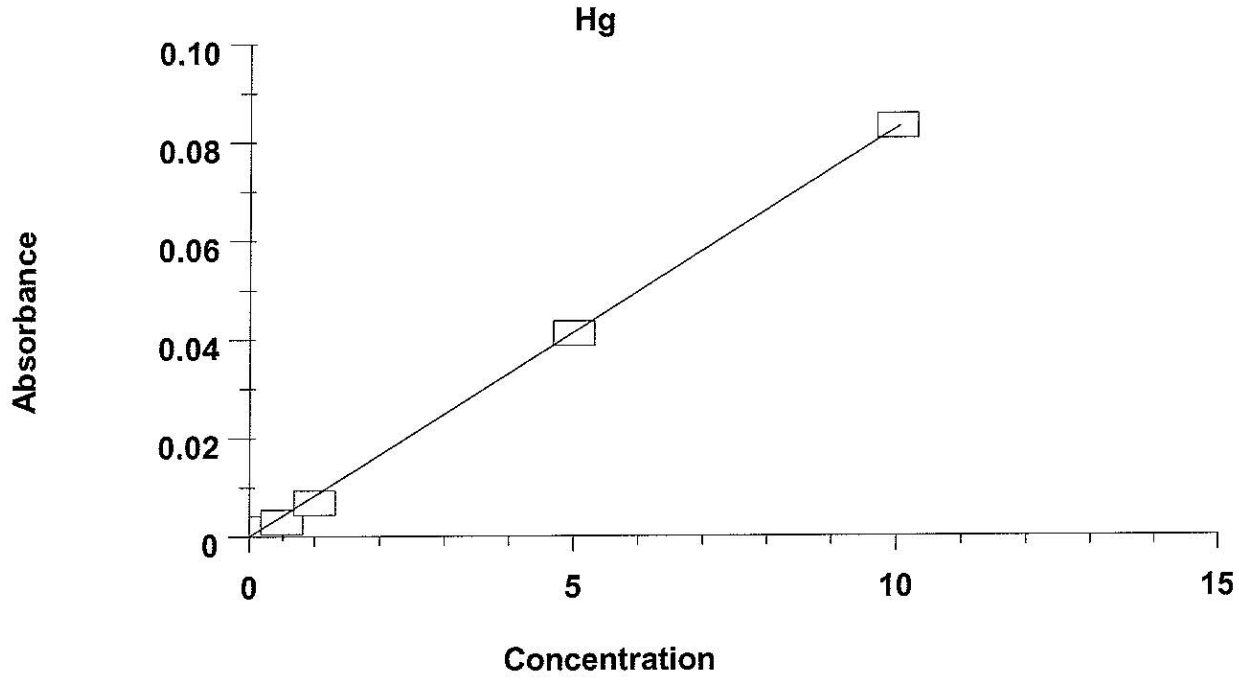


[Hg] Standard number 5 applied. [10.0]

Correlation Coefficient: 0.99959 Slope: 0.00829

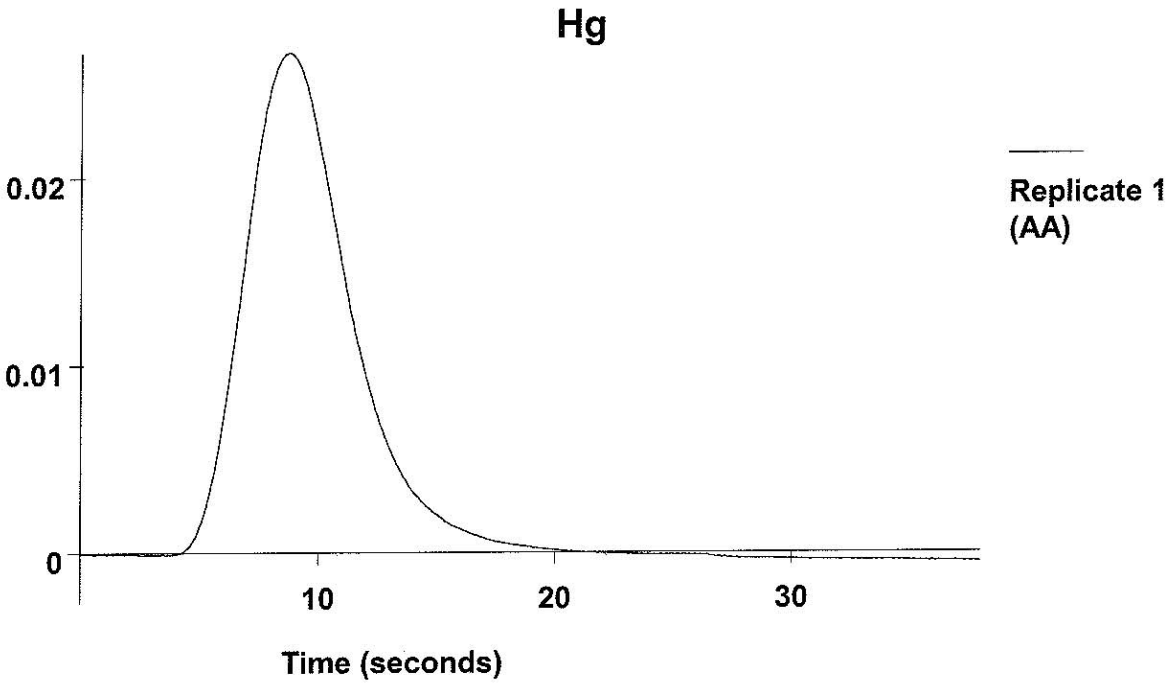
Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0003	---	----	----	----
CS1	0.0016	0.200	0.196	----	----
CS2	0.0029	0.500	0.352	----	----
CS3	0.0068	1.000	0.818	----	----
CS4	0.0411	5.000	4.97	----	----
CS5	0.0832	10.000	10.0	----	----
Correlation Coefficient: 0.99959		Slope:	0.00829	----	



Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 11/21/2012
Sample ID: ICV

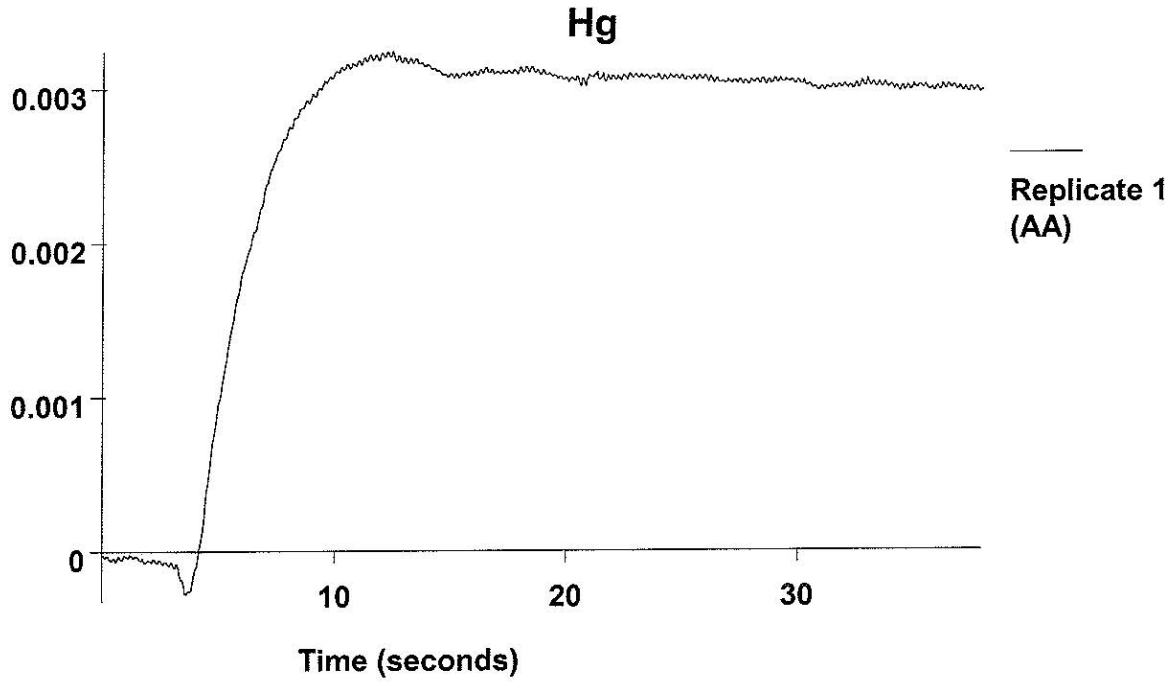
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.17	3.17	0.0263	0.1314	0.0266	1 12:20:25	Yes



QC value within specified limits.

Element: Hg Seq. No.: 8 AS Loc.: 1 Date: 11/21/2012
Sample ID: ICB

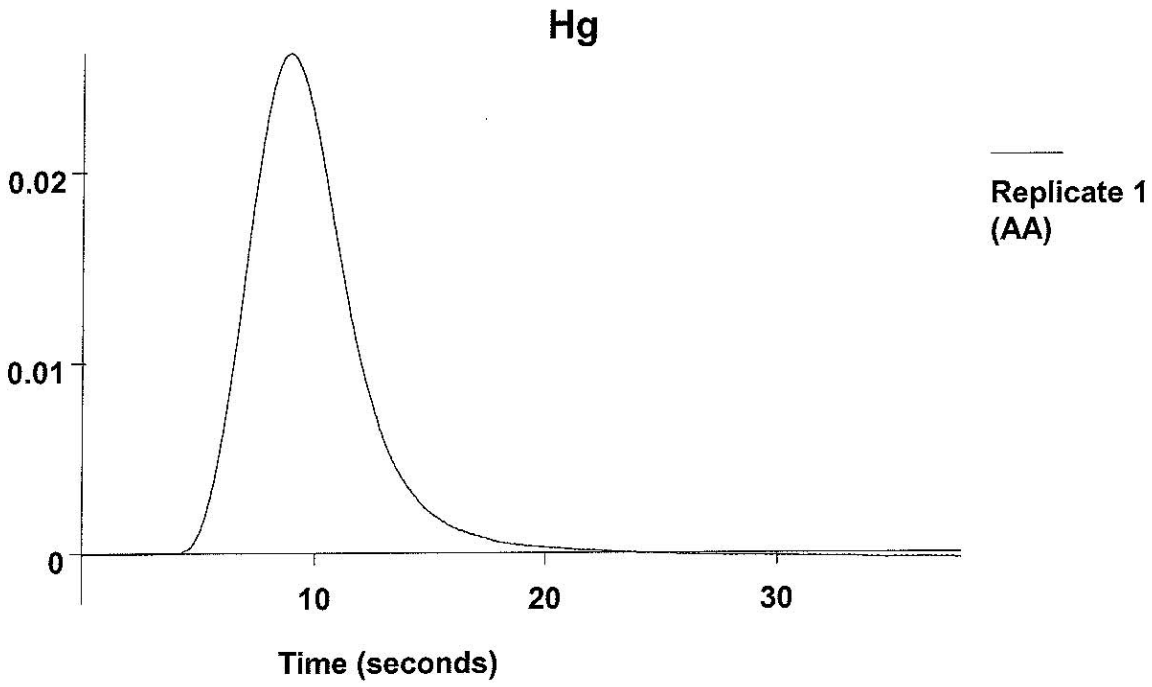
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.351	0.351	0.0029	0.0975	0.0032	1 12:22:13	Yes



QC failed, value greater than upper limit for Hg.
Current analysis method stopped.

Element: Hg Seq. No.: 9 AS Loc.: 7 Date: 11/21/2012
Sample ID: ICV

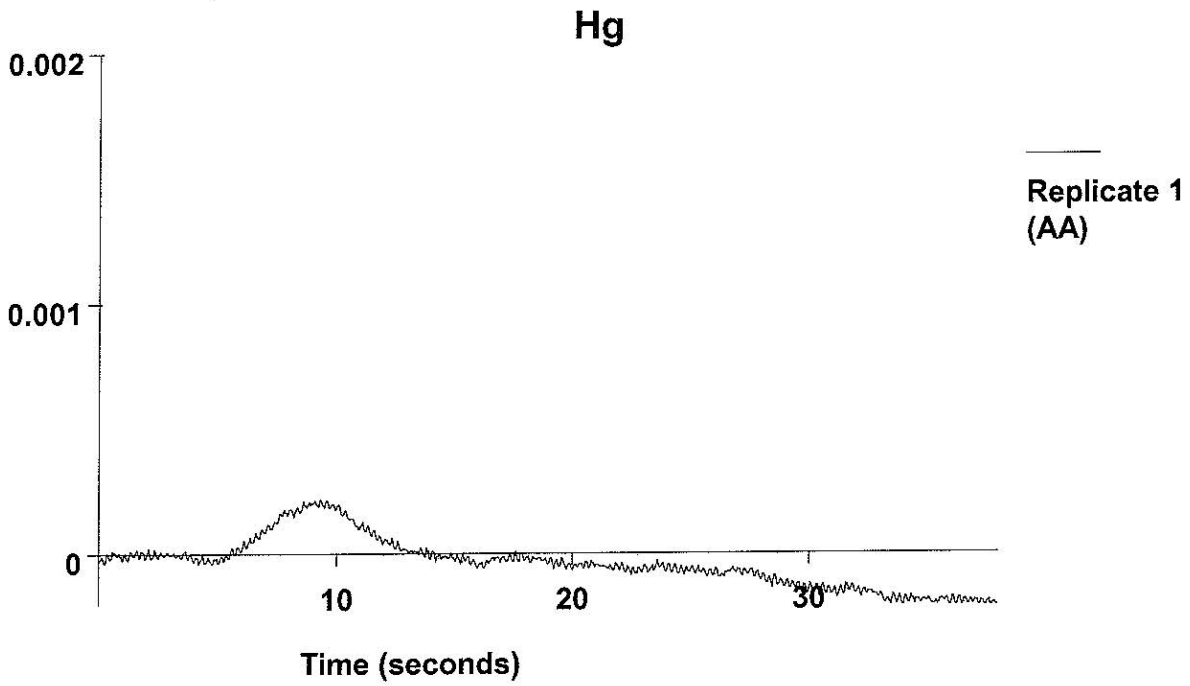
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.11	3.11	0.0258	0.1330	0.0261	1 12:27:01	Yes



QC value within specified limits.

Element: Hg Seq. No.: 10 AS Loc.: 1 Date: 11/21/2012
Sample ID: ICB

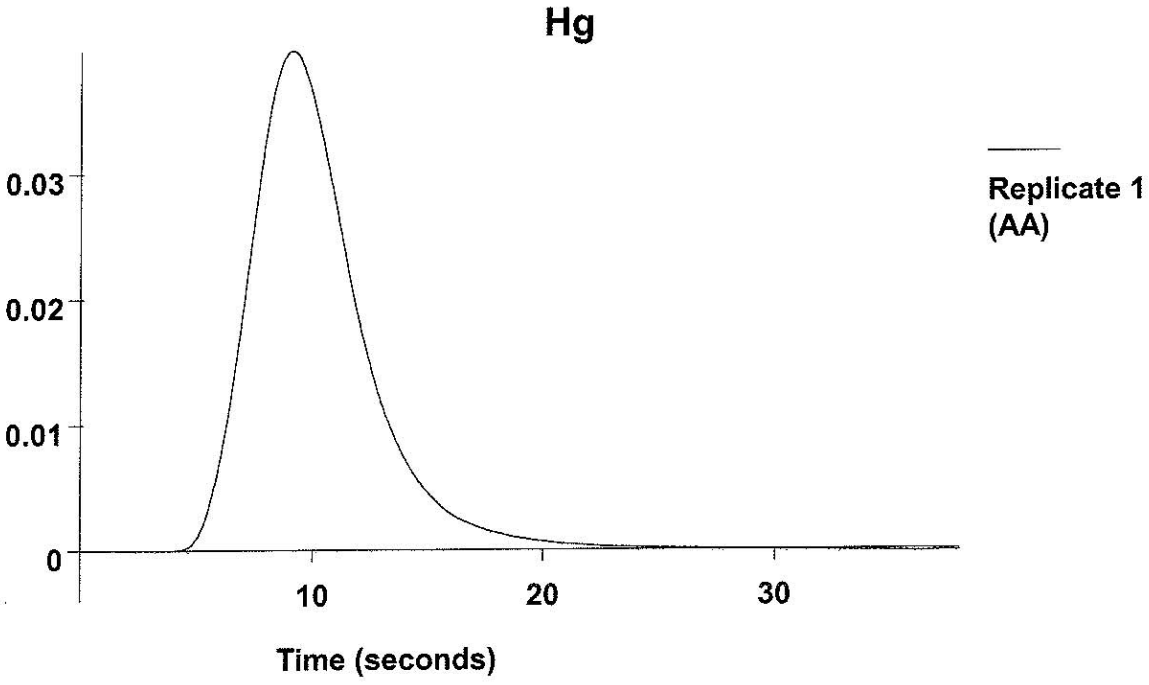
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.012	-0.012	-0.0001	-0.0015	0.0002	1 12:28:48	Yes



QC value within specified limits.

Element: Hg Seq. No.: 11 AS Loc.: 5 Date: 11/21/2012
Sample ID: CCV

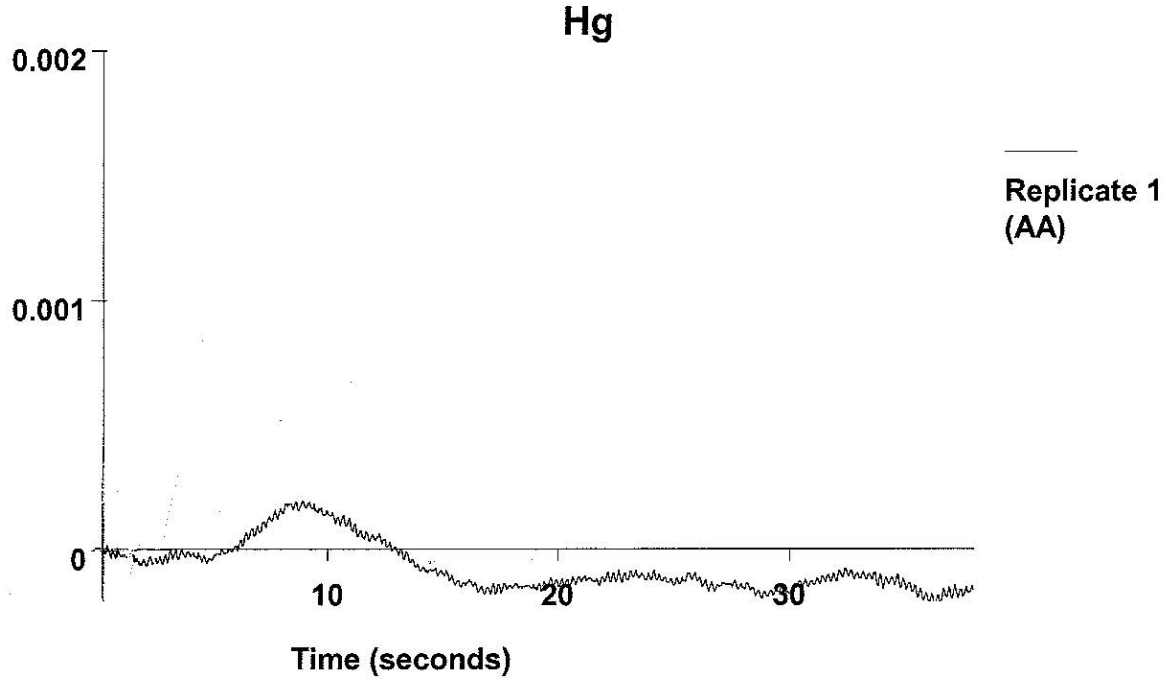
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.74	4.74	0.0393	0.2140	0.0396	1 12:30:34	Yes



QC value within specified limits.

Element: Hg Seq. No.: 12 AS Loc.: 1 Date: 11/21/2012
Sample ID: CCB

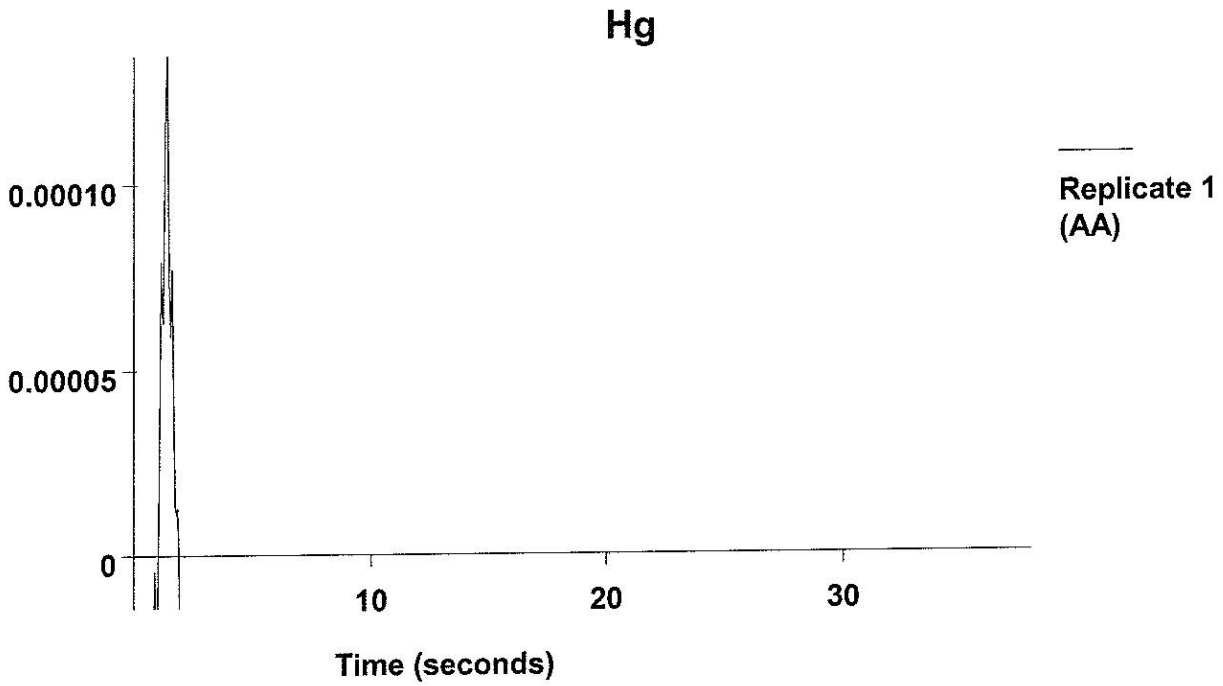
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.015	-0.015	-0.0001	-0.0028	0.0002	1 12:32:24	Yes



QC value within specified limits.

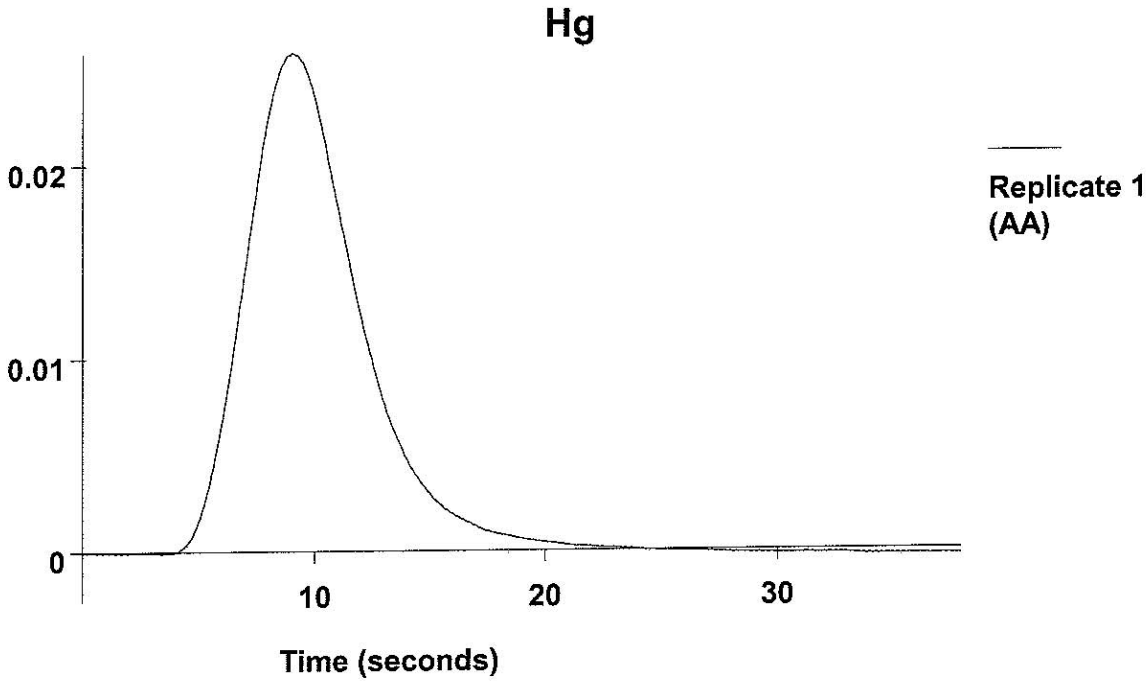
Element: Hg Seq. No.: 13 AS Loc.: 8 Date: 11/21/2012
Sample ID: 64431MB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0002	-0.0883	0.0001	1 12:34:13	Yes



Element: Hg Seq. No.: 14 AS Loc.: 9 Date: 11/21/2012
Sample ID: 154432LCS

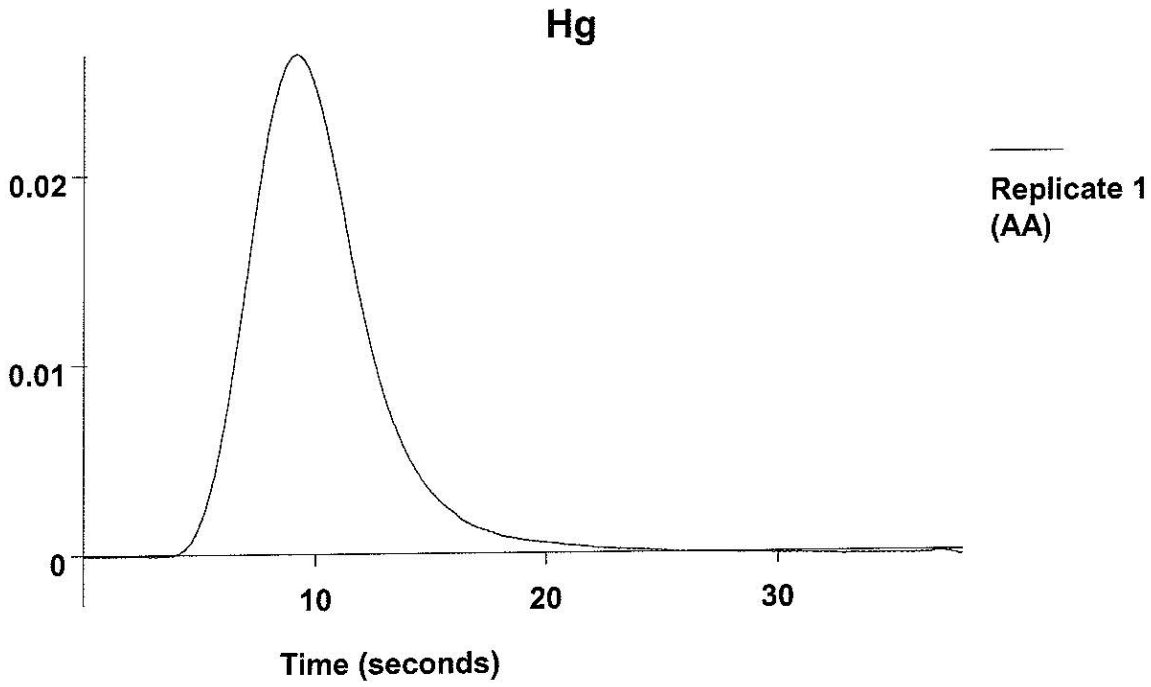
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.06	3.06	0.0254	0.1431	0.0257	1 12:36:02	Yes



Element: Hg Seq. No.: 15 AS Loc.: 10 Date: 11/21/2012

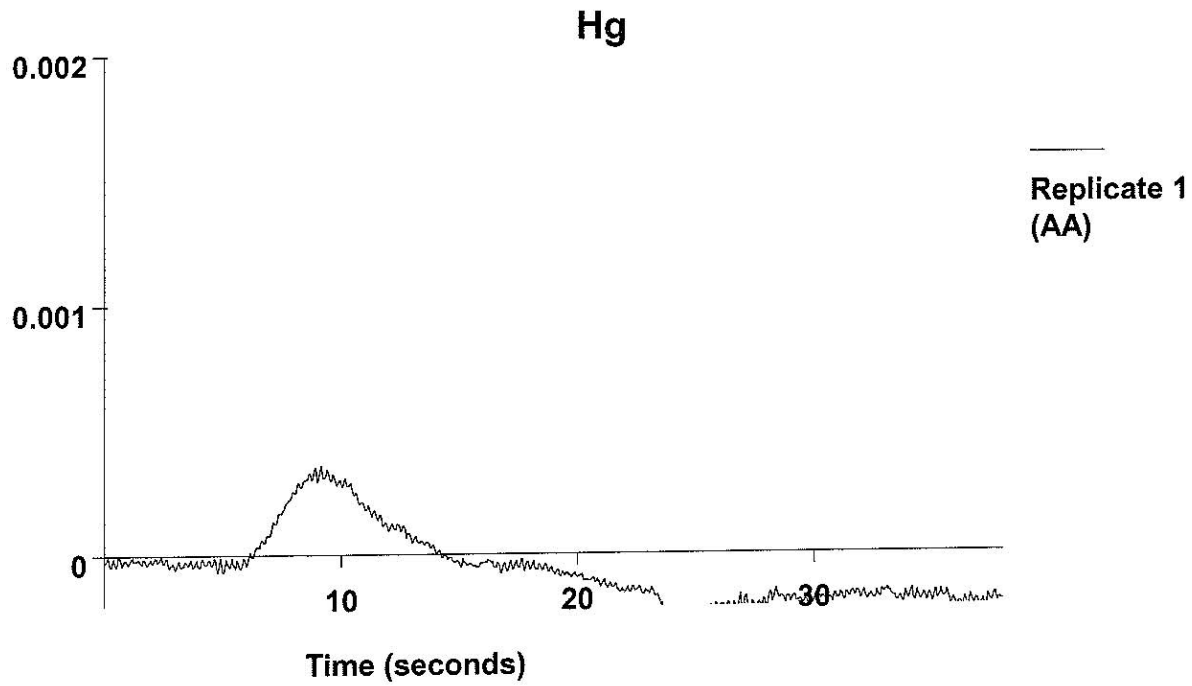
Sample ID: 154433LCSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.13	3.13	0.0259	0.1499	0.0262	1 12:37:49	Yes



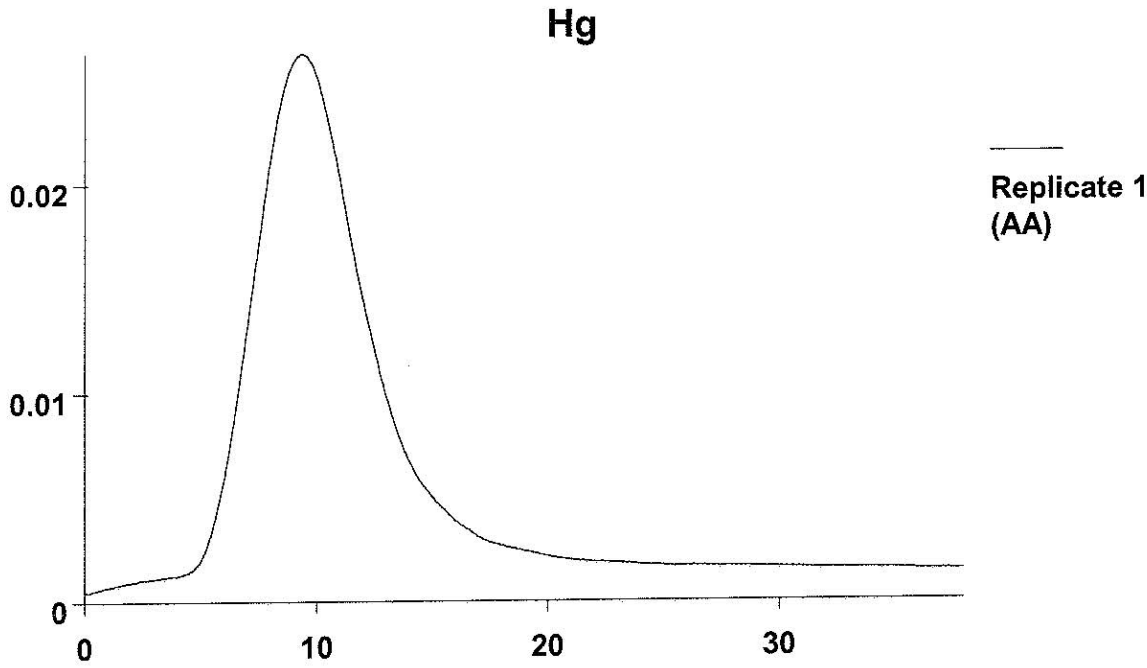
Element: Hg Seq. No.: 16 AS Loc.: 11 Date: 11/21/2012
Sample ID: 350762201

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003	0.003	0.0000	-0.0024	0.0003	1 12:39:35	Yes



Element: Hg Seq. No.: 17 AS Loc.: 12 Date: 11/21/2012
Sample ID: 154434MS

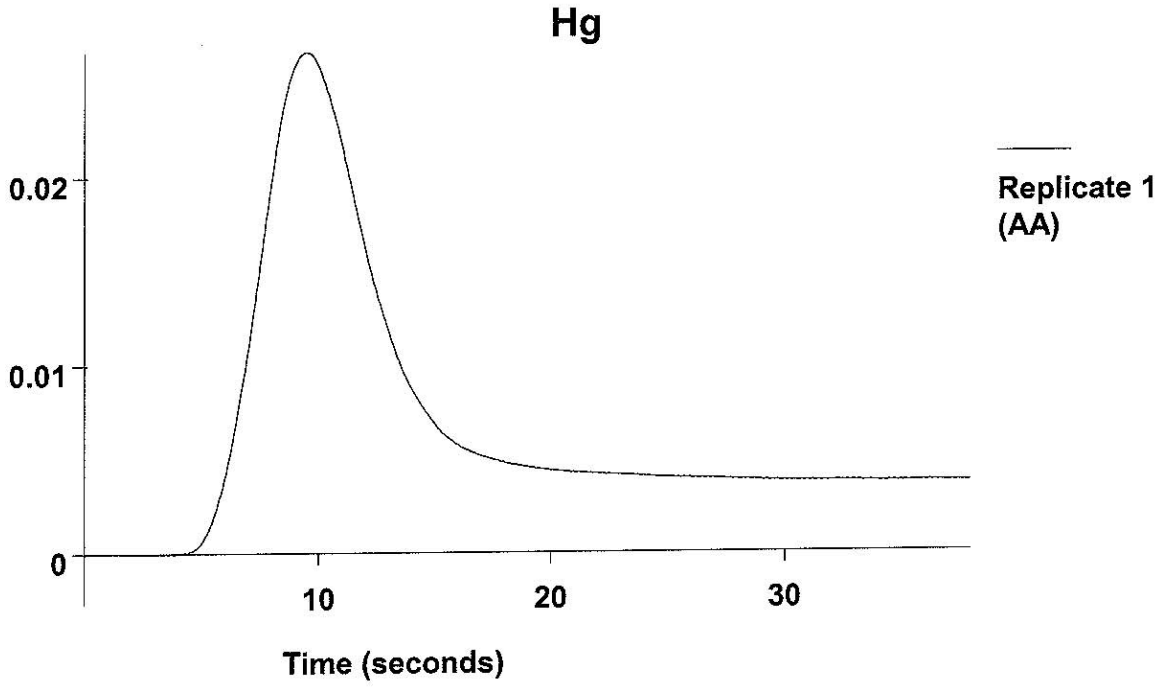
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.11	3.11	0.0258	0.1957	0.0261	1 12:41:23	Yes



Element: Hg Seq. No.: 18 AS Loc.: 13 Date: 11/21/2012

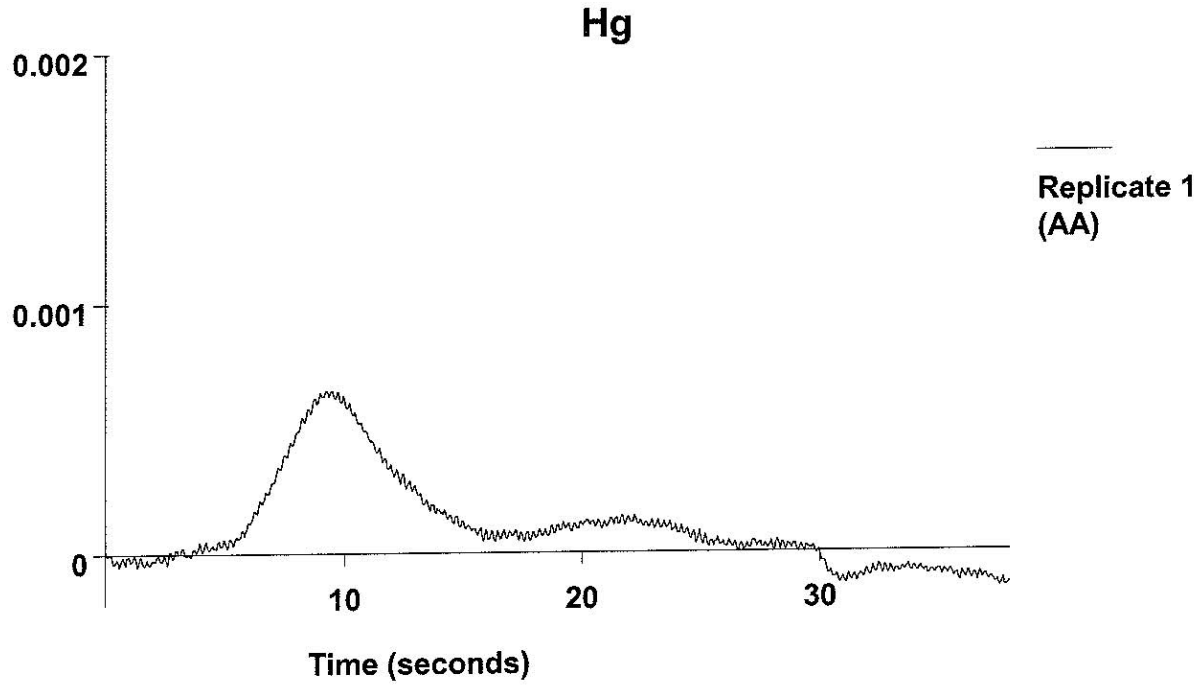
Sample ID: 154435MSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.17	3.17	0.0262	0.2447	0.0265	1 12:43:12	Yes



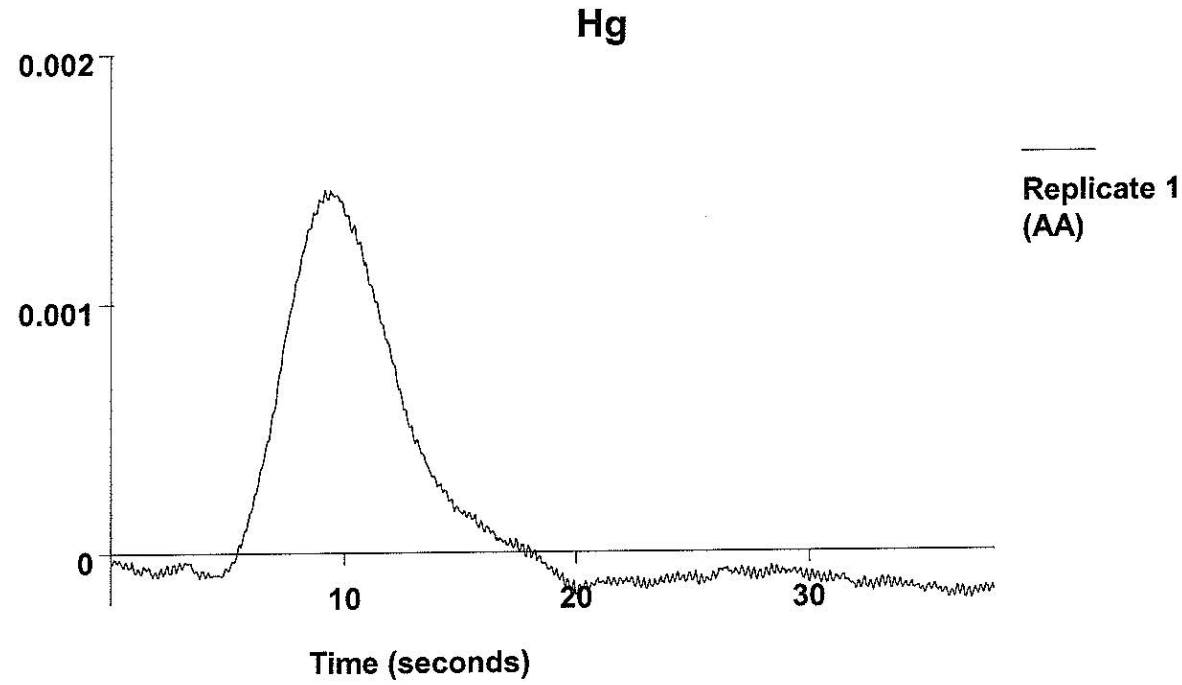
Element: Hg Seq. No.: 19 AS Loc.: 14 Date: 11/21/2012
Sample ID: 350762204

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.040	0.040	0.0003	0.0037	0.0006	1 12:45:02	Yes



Element: Hg Seq. No.: 20 AS Loc.: 15 Date: 11/21/2012
Sample ID: 350762205

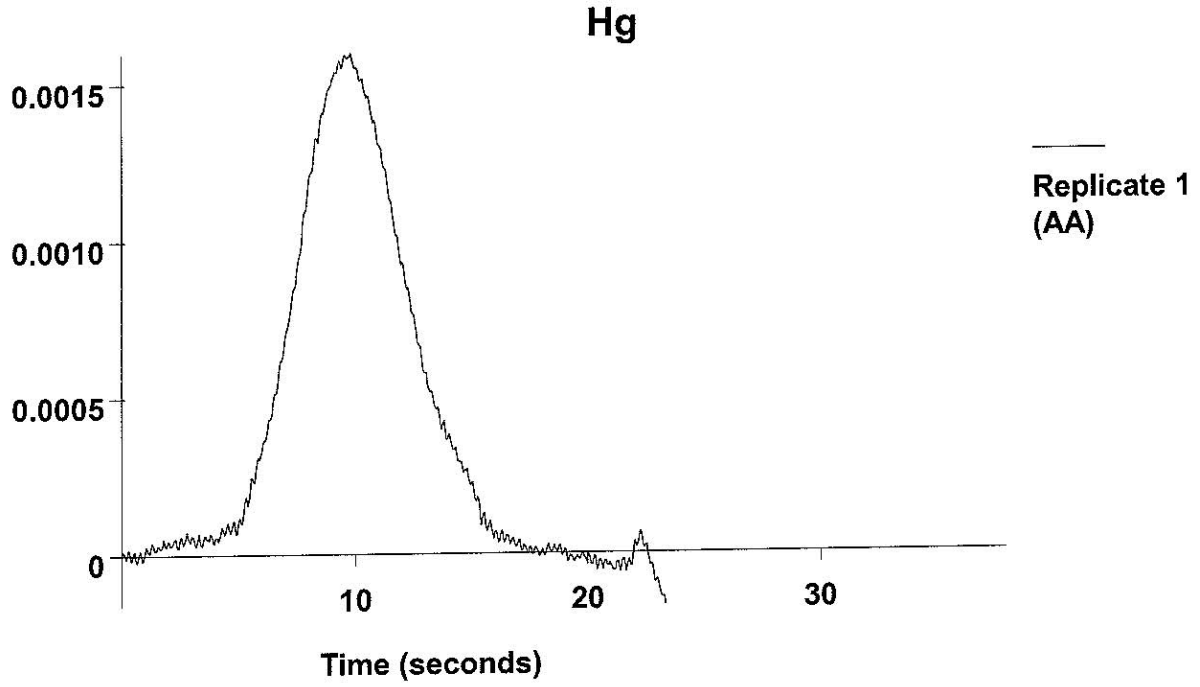
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.136	0.136	0.0011	0.0050	0.0014	1 12:46:54	Yes



Element: Hg Seq. No.: 21 AS Loc.: 16 Date: 11/21/2012

Sample ID: 350762206

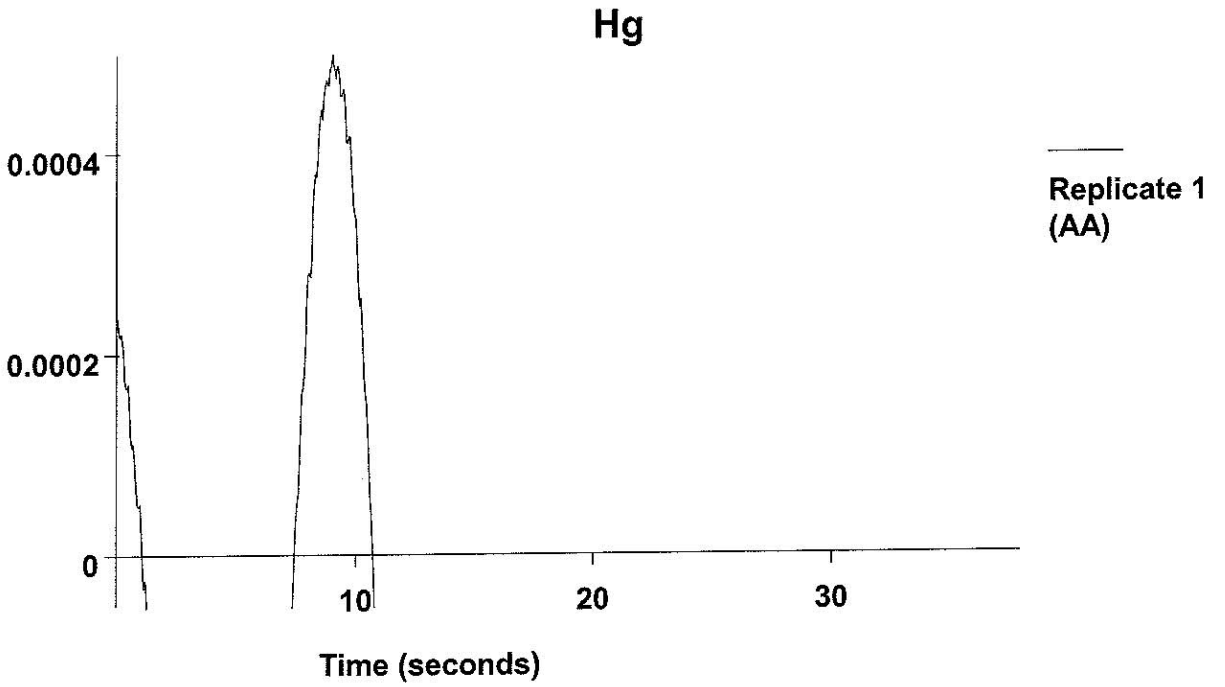
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.154	0.154	0.0013	-0.0154	0.0016	1 12:48:47	Yes



Element: Hg Seq. No.: 22 AS Loc.: 17 Date: 11/21/2012

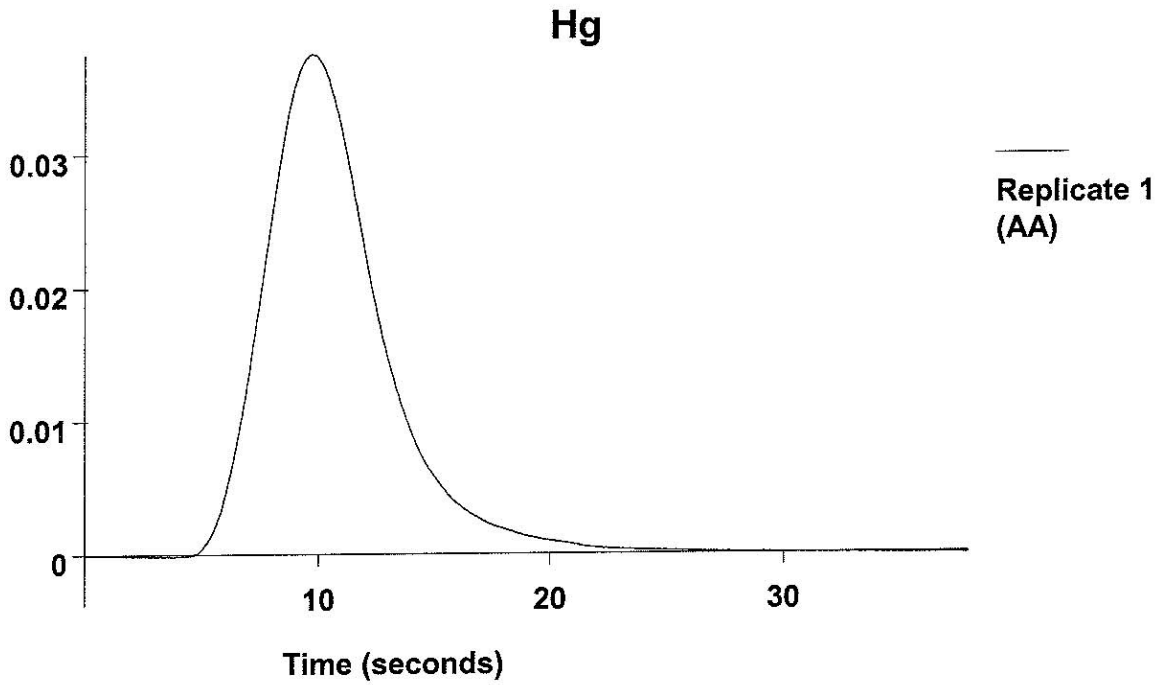
Sample ID: 350762207

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.020	0.020	0.0002	-0.0767	0.0005	1 12:50:35	Yes



Element: Hg Seq. No.: 23 AS Loc.: 5 Date: 11/21/2012
Sample ID: CCV

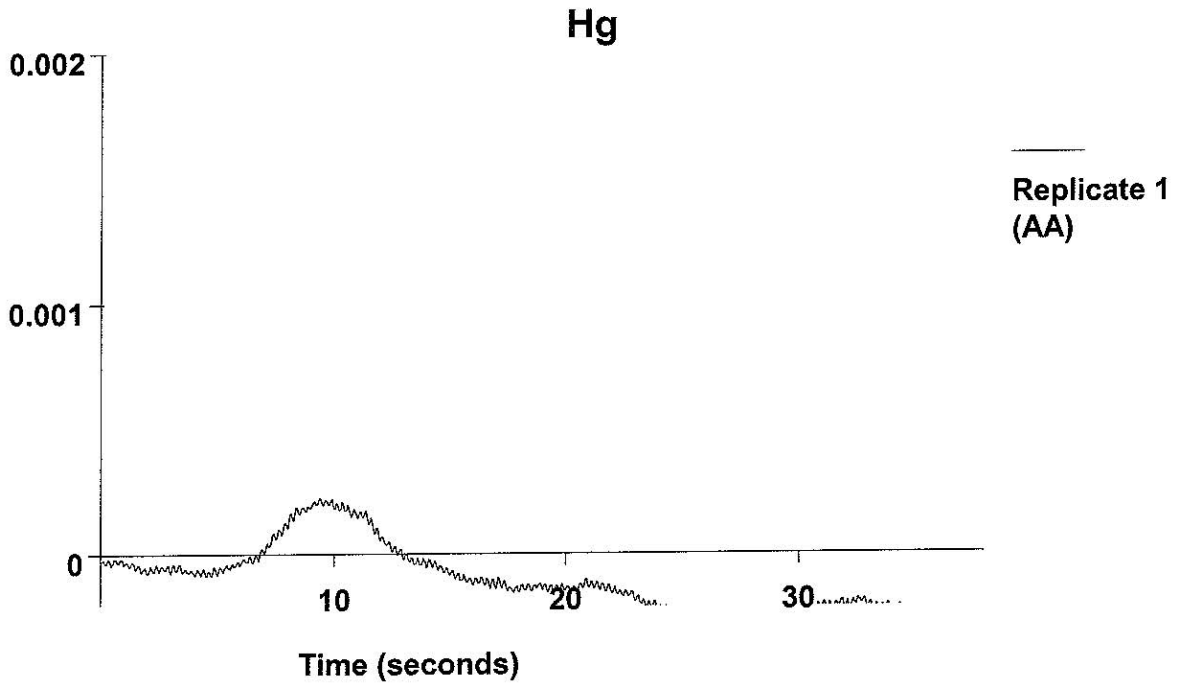
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.47	4.47	0.0370	0.2118	0.0373	1 12:52:22	Yes



QC value within specified limits.

Element: Hg Seq. No.: 24 AS Loc.: 1 Date: 11/21/2012
Sample ID: CCB

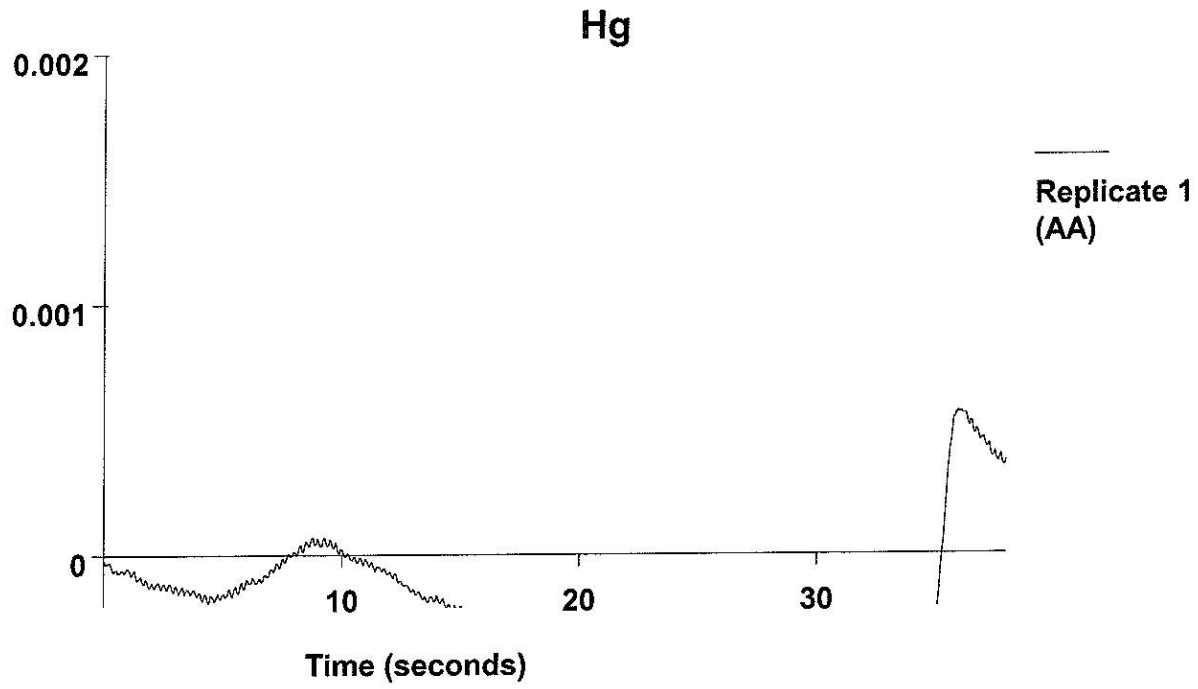
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.012	-0.012	-0.0001	-0.0041	0.0002	1 12:54:10	Yes



QC value within specified limits.

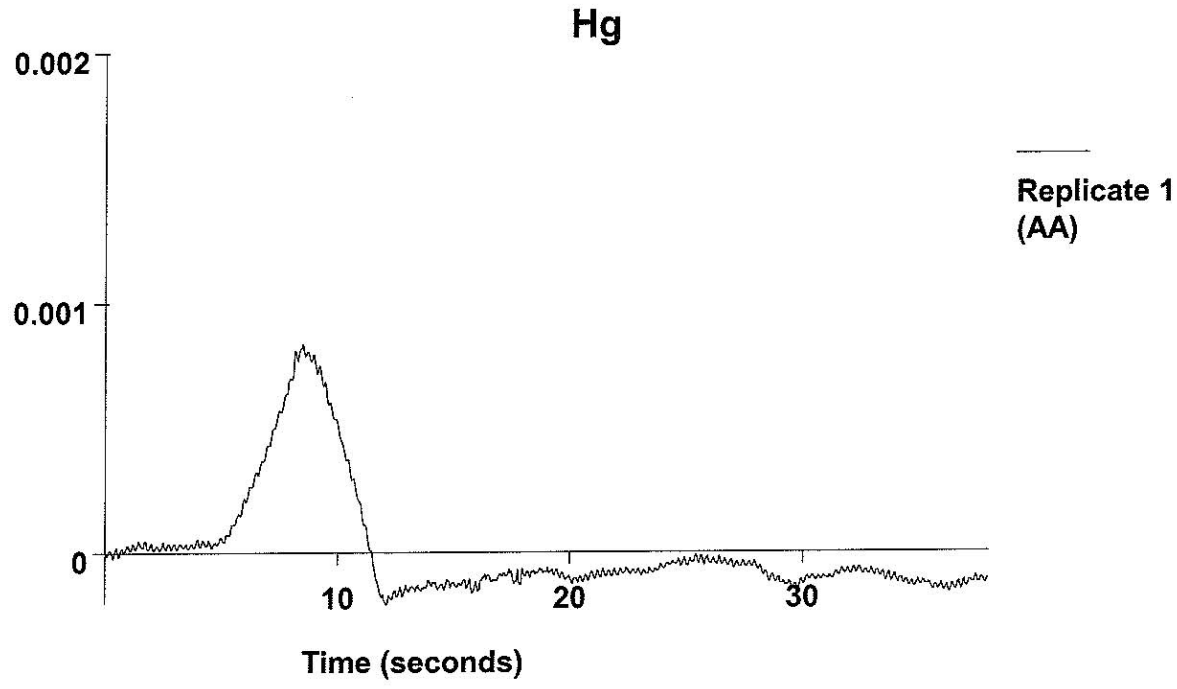
Element: Hg Seq. No.: 25 AS Loc.: 18 Date: 11/21/2012
Sample ID: 350762208

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.029	0.029	0.0002	-0.0070	0.0006	1 12:55:55	Yes



Element: Hg Seq. No.: 26 AS Loc.: 19 Date: 11/21/2012
Sample ID: 350762209

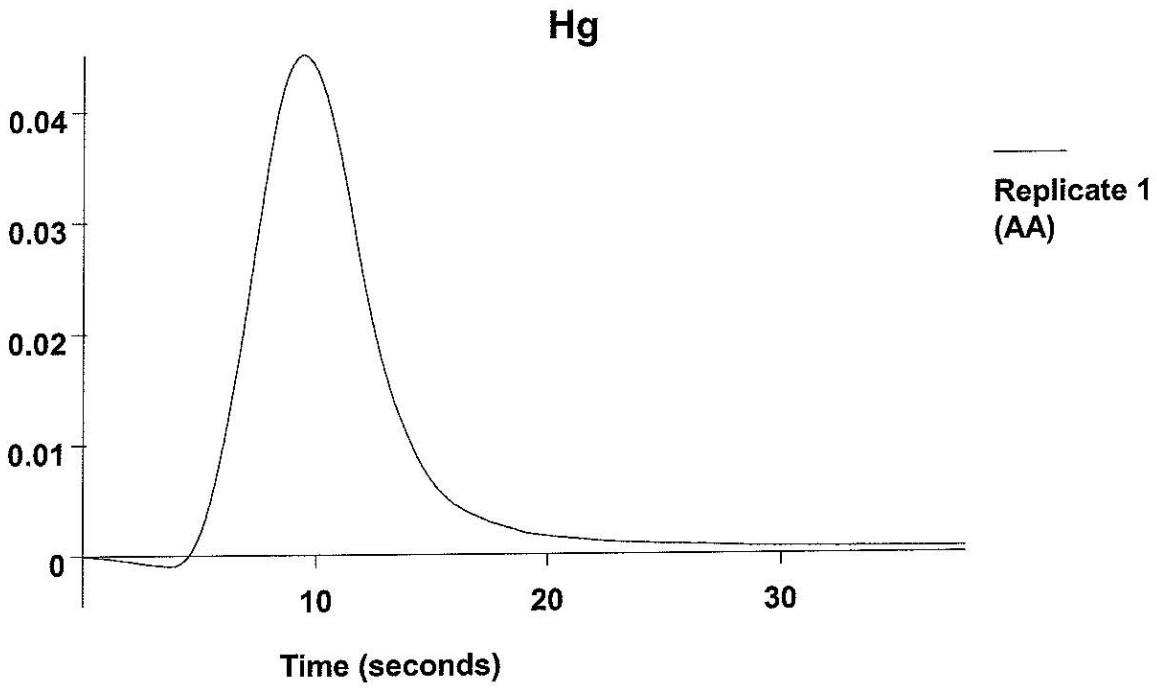
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.060	0.060	0.0005	0.0003	0.0008	1 12:57:41	Yes



Element: Hg Seq. No.: 27 AS Loc.: 20 Date: 11/21/2012

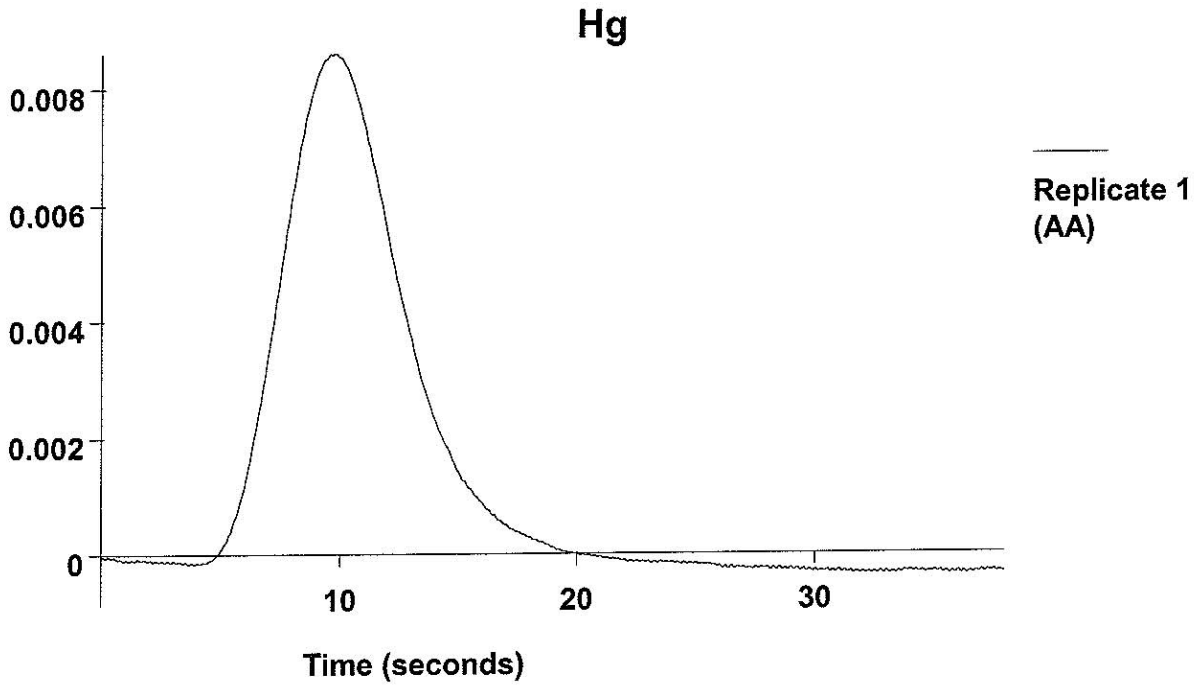
Sample ID: 350760007

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.38	5.38	0.0446	0.2785	0.0449	1 12:59:28	Yes



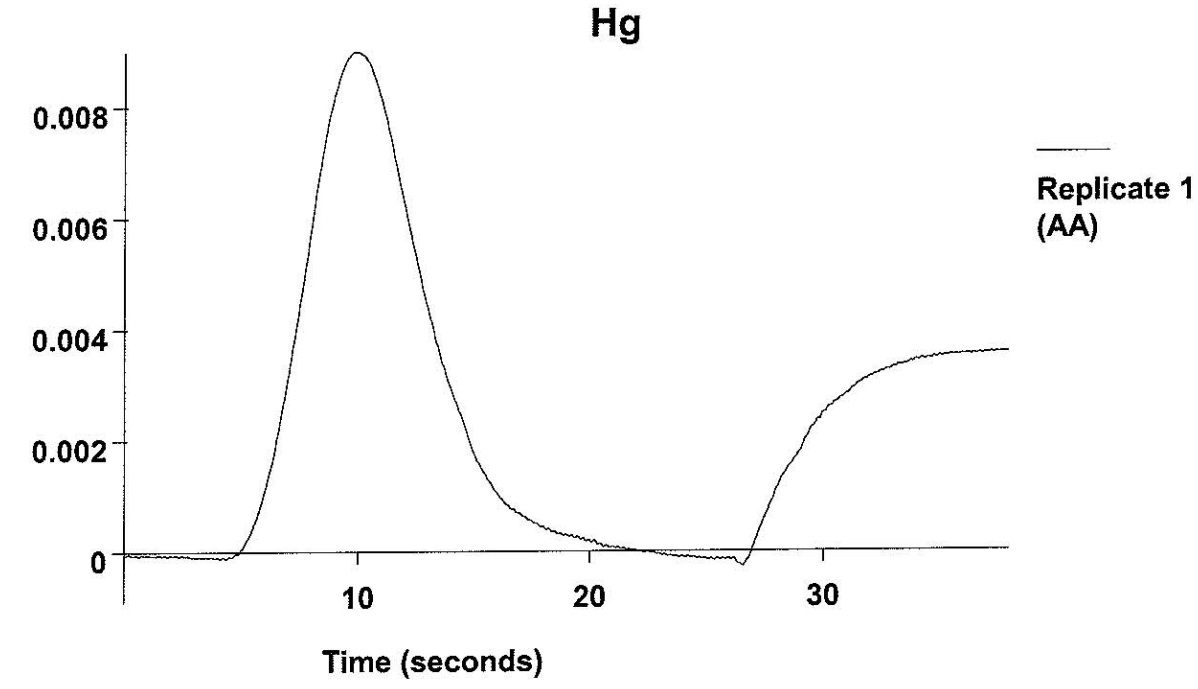
Element: Hg Seq. No.: 28 AS Loc.: 21 Date: 11/21/2012
Sample ID: 350760008

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.997	0.997	0.0083	0.0448	0.0086	1 01:01:14	Yes



Element: Hg Seq. No.: 29 AS Loc.: 22 Date: 11/21/2012
Sample ID: 350760011

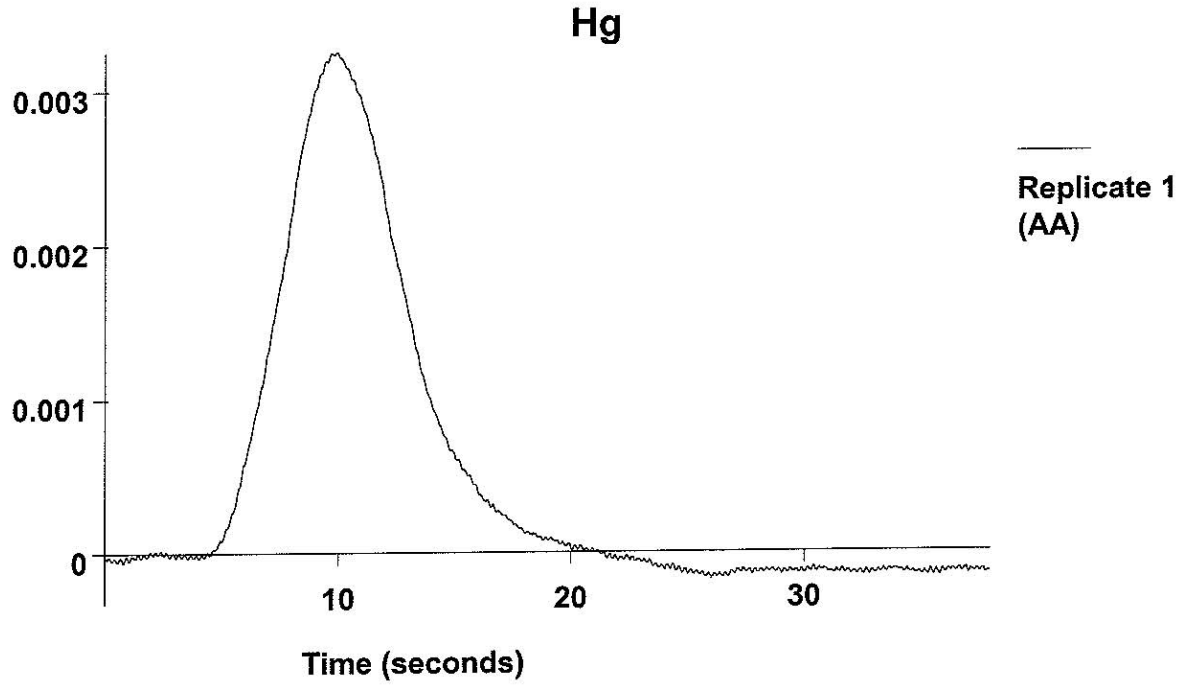
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.04	1.04	0.0086	0.0828	0.0089	1 01:03:01	Yes



Element: Hg Seq. No.: 30 AS Loc.: 23 Date: 11/21/2012

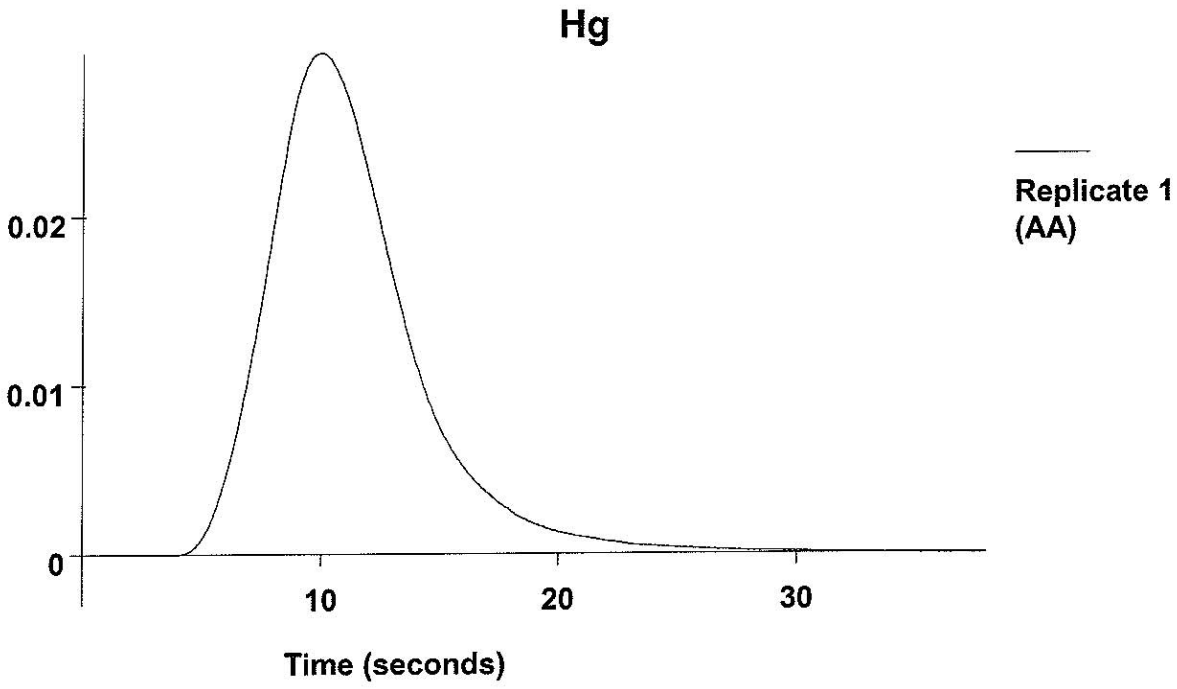
Sample ID: 350760106

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.352	0.352	0.0029	0.0176	0.0032	1 01:04:49	Yes



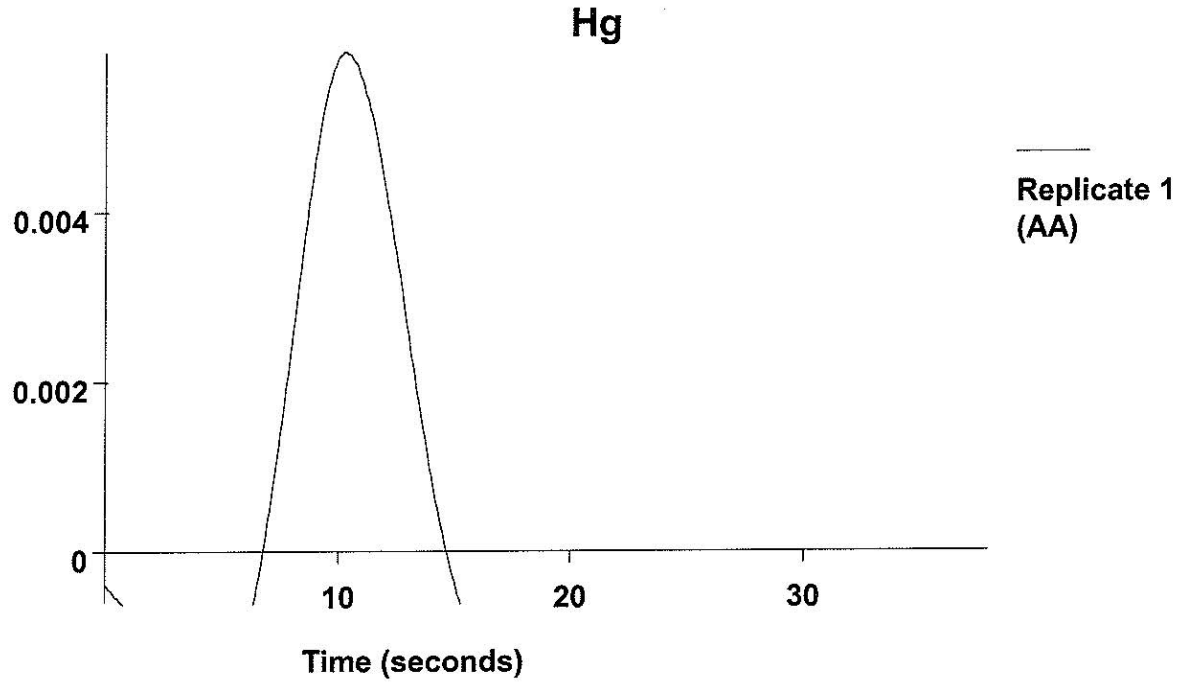
Element: Hg Seq. No.: 31 AS Loc.: 24 Date: 11/21/2012
Sample ID: 350760107

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.53	3.53	0.0293	0.1956	0.0296	1 01:06:37	Yes



Element: Hg Seq. No.: 32 AS Loc.: 25 Date: 11/21/2012
Sample ID: 350760108

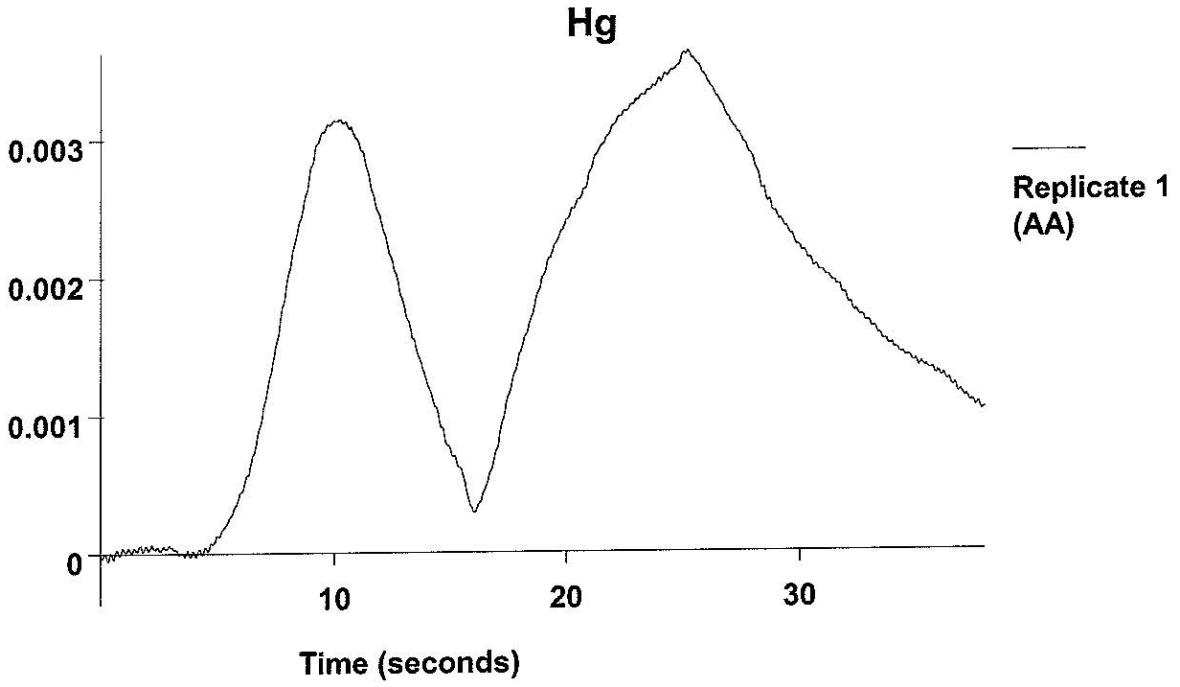
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.667	0.667	0.0055	-0.0469	0.0058	1 01:08:26	Yes



Element: Hg Seq. No.: 33 AS Loc.: 26 Date: 11/21/2012

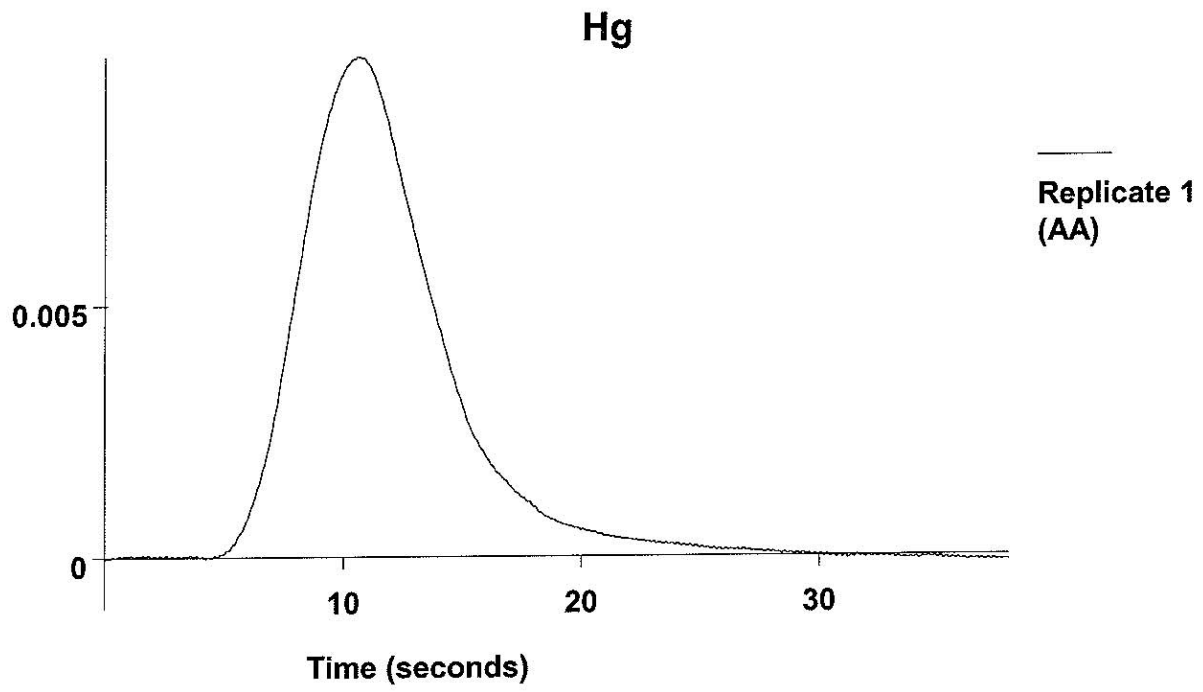
Sample ID: 350760109

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height		Time	Peak Stored
1	0.396	0.396	0.0033	0.0670	0.0036	1	01:10:15	Yes



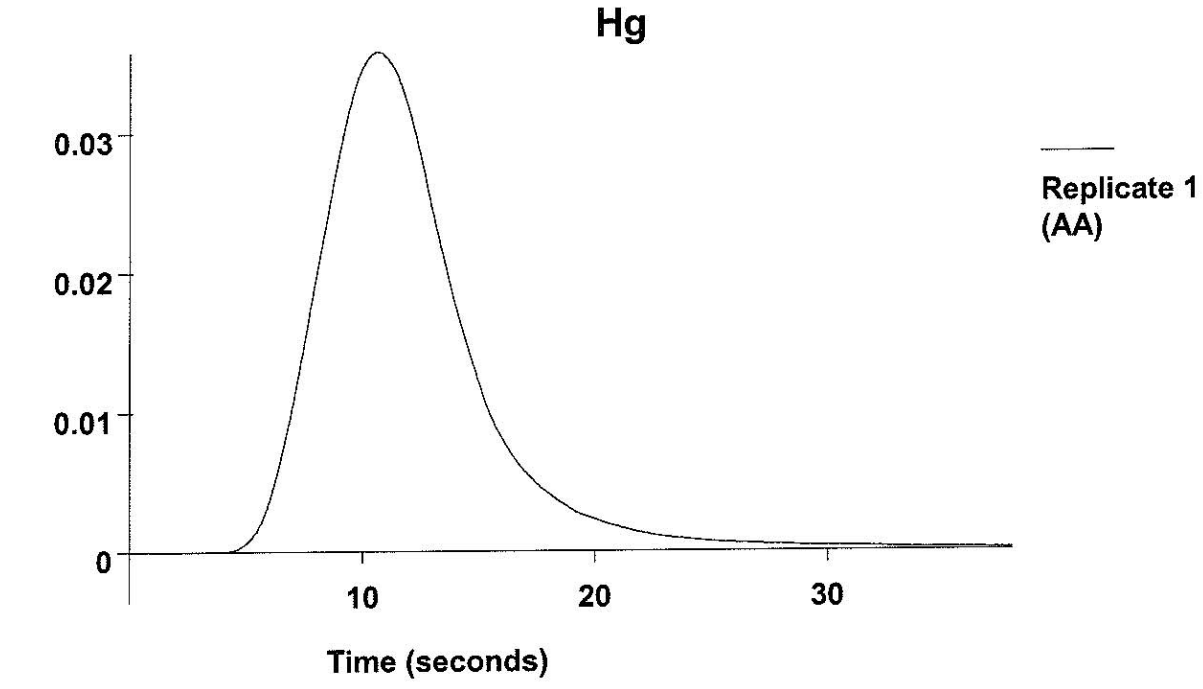
Element: Hg Seq. No.: 34 AS Loc.: 27 Date: 11/21/2012
Sample ID: 350760110

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height		Time	Peak Stored
1	1.15	1.15	0.0096	0.0653	0.0099	1	01:12:02	Yes



Element: Hg Seq. No.: 35 AS Loc.: 5 Date: 11/21/2012
Sample ID: CCV

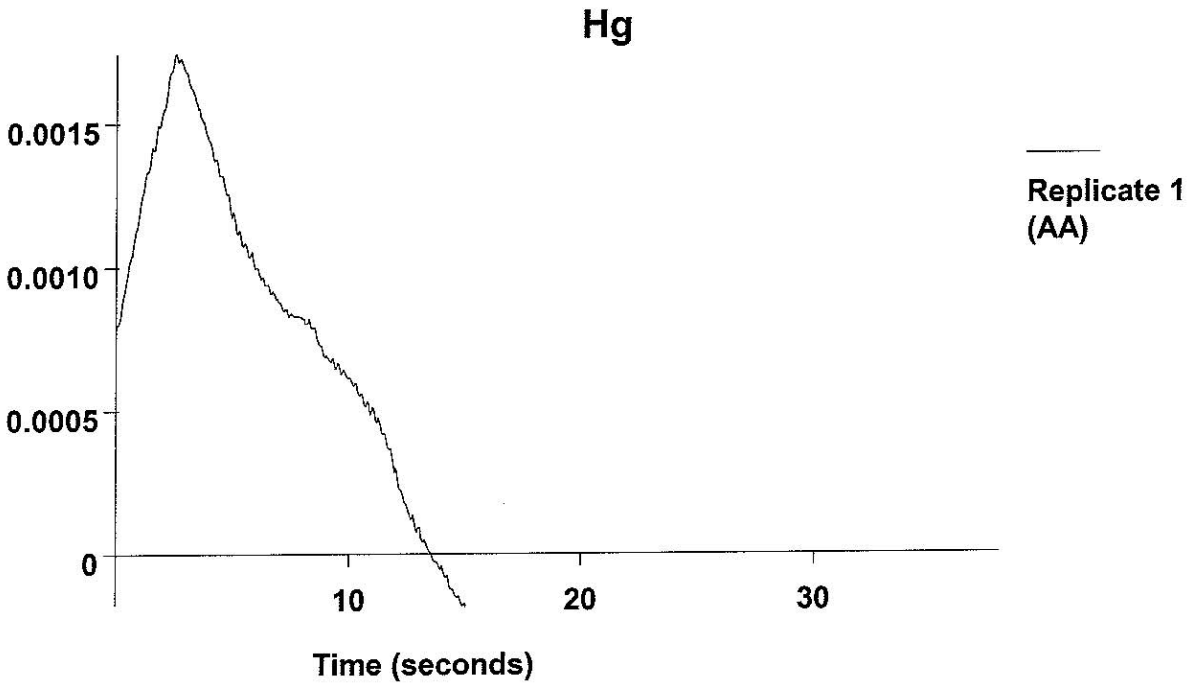
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.27	4.27	0.0354	0.2513	0.0357	1 01:13:50	Yes



QC value within specified limits.

Element: Hg Seq. No.: 36 AS Loc.: 1 Date: 11/21/2012
Sample ID: CCB

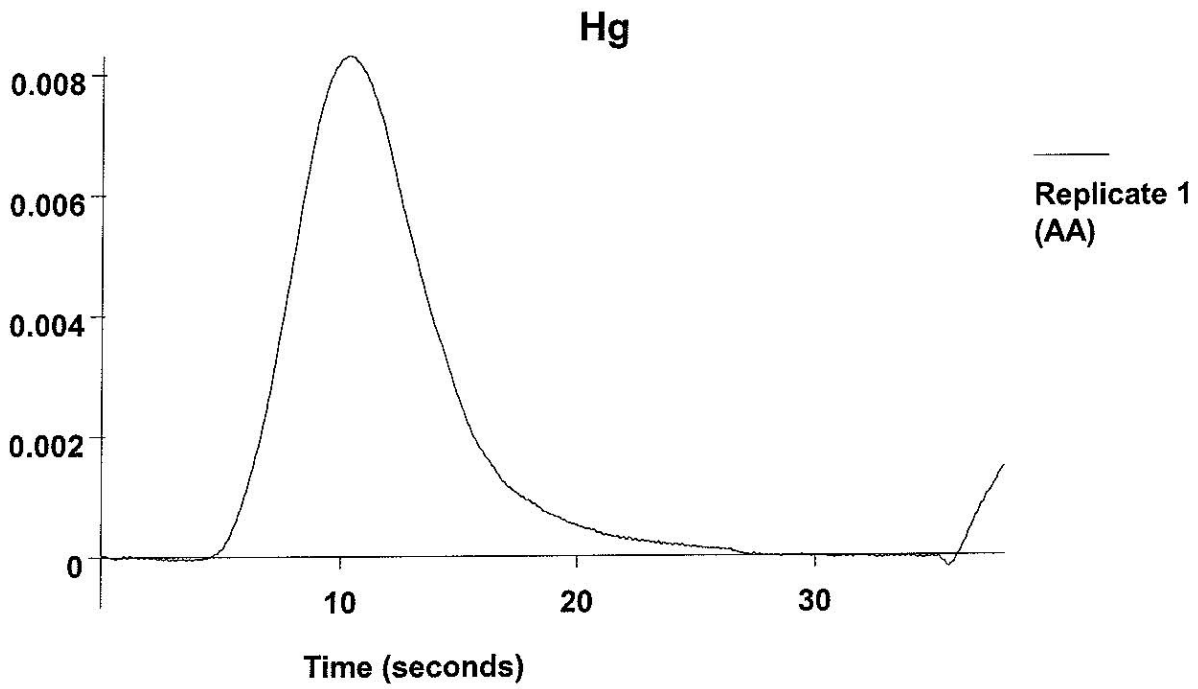
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.170	0.170	0.0014	-0.0051	0.0017	1 01:15:38	Yes



QC value within specified limits.

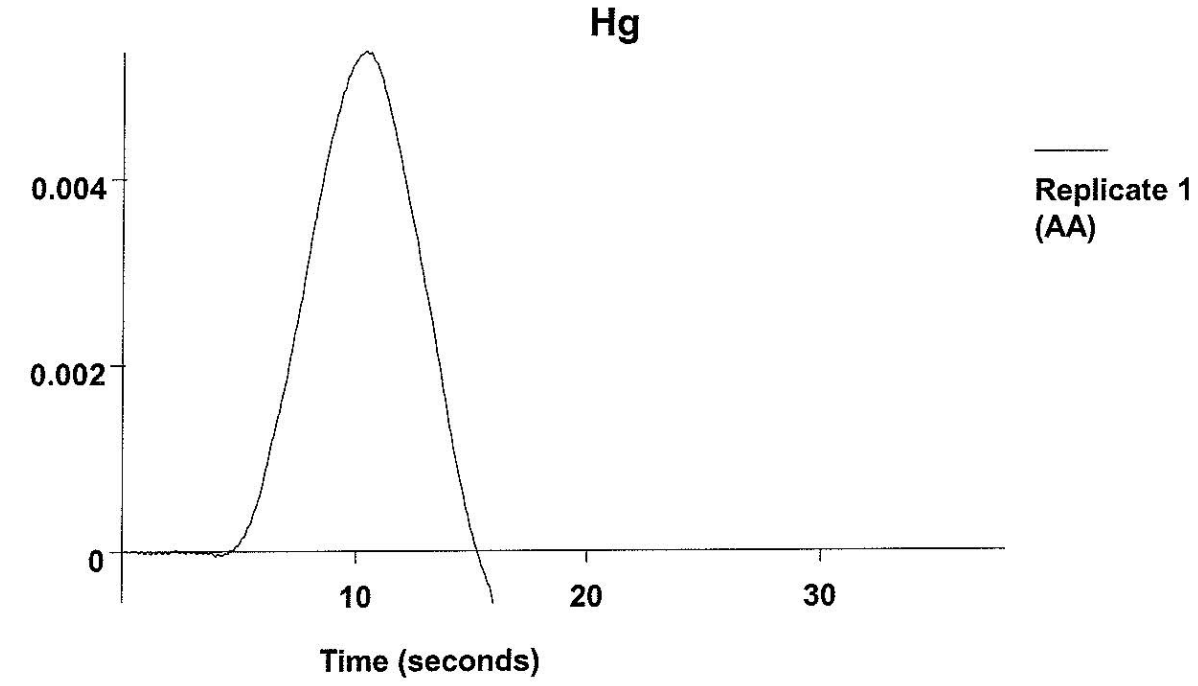
Element: Hg Seq. No.: 37 AS Loc.: 28 Date: 11/21/2012
Sample ID: 350761602

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.961	0.961	0.0080	0.0582	0.0083	1 01:17:26	Yes



Element: Hg Seq. No.: 38 AS Loc.: 29 Date: 11/21/2012
Sample ID: 350761605

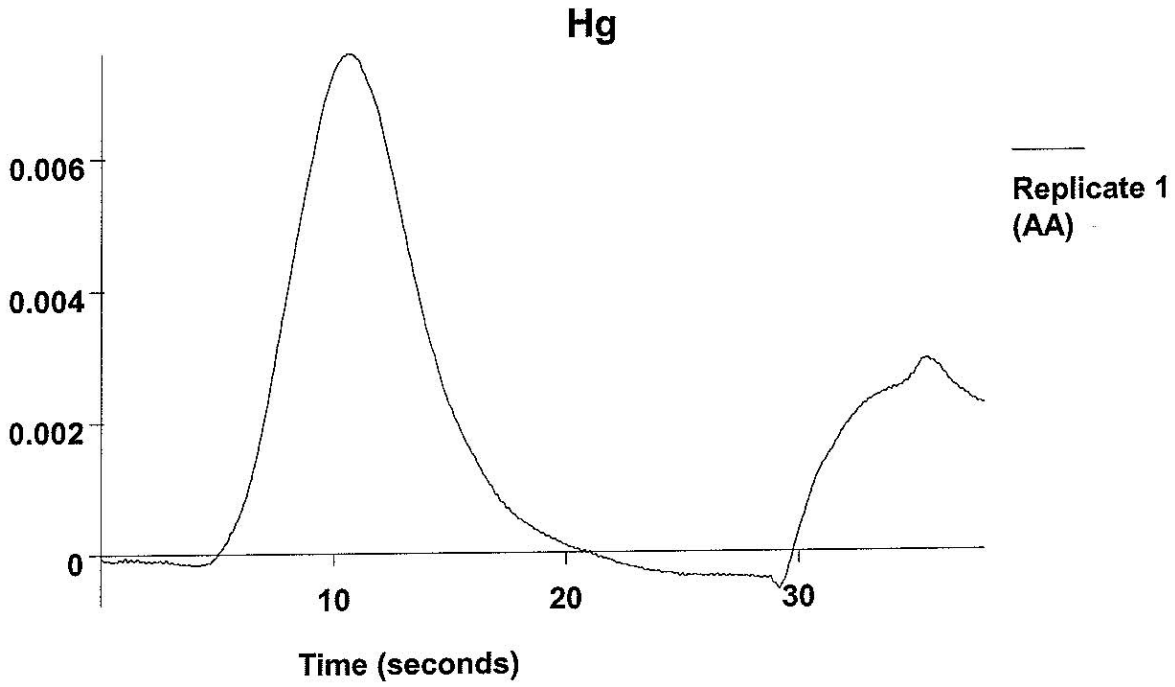
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.605	0.605	0.0050	-0.0330	0.0053	1 01:19:18	Yes



Element: Hg Seq. No.: 39 AS Loc.: 30 Date: 11/21/2012

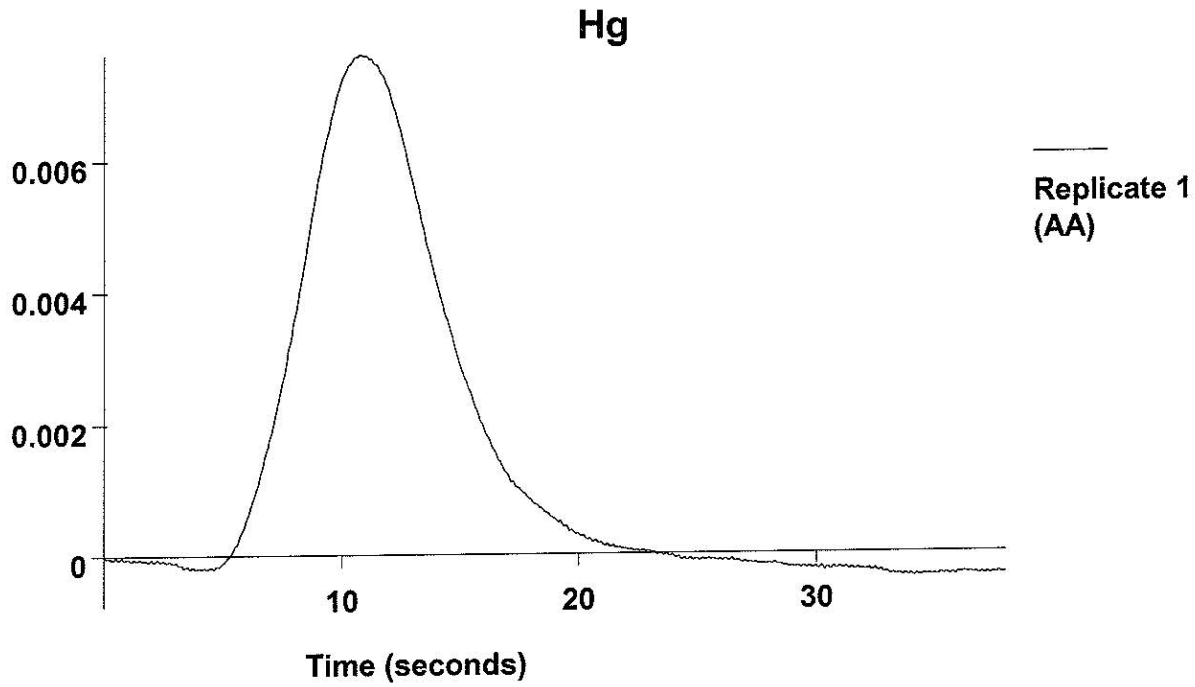
Sample ID: 350761613

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height		Time	Peak Stored
1	0.876	0.876	0.0073	0.0617	0.0076	1	01:21:09	Yes



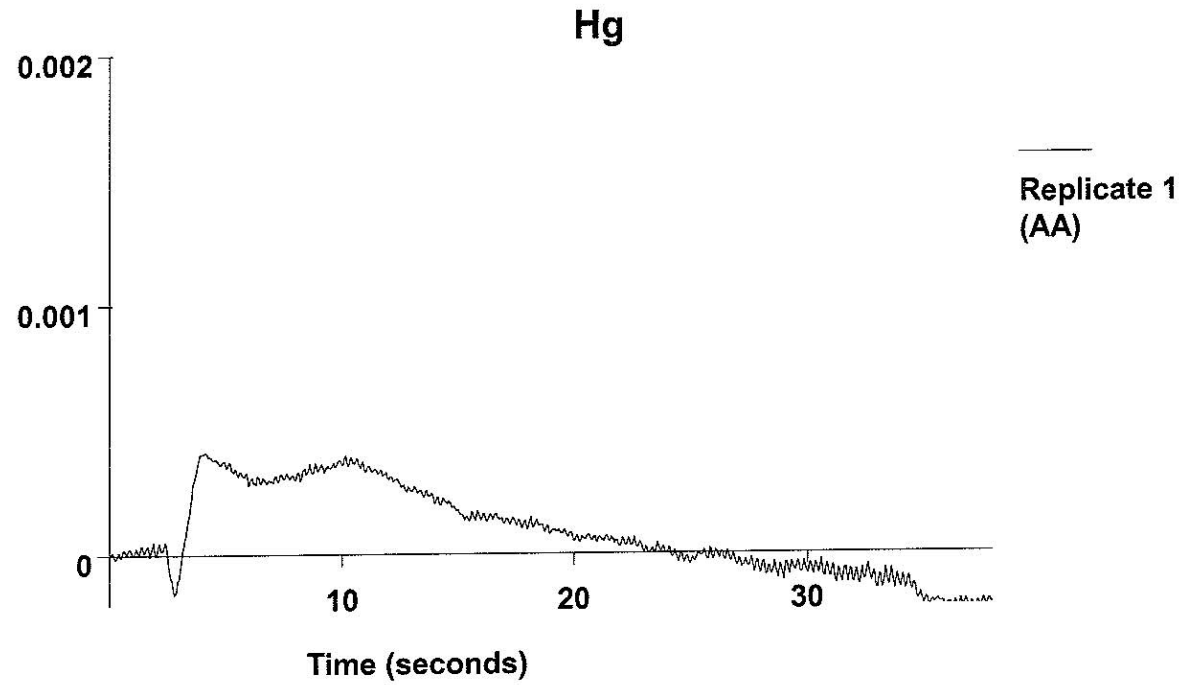
Element: Hg Seq. No.: 40 AS Loc.: 31 Date: 11/21/2012
Sample ID: 350761615

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height		Time	Peak Stored
1	0.878	0.878	0.0073	0.0472	0.0076	1	01:22:59	Yes



Element: Hg Seq. No.: 41 AS Loc.: 32 Date: 11/21/2012
Sample ID: 350762201L

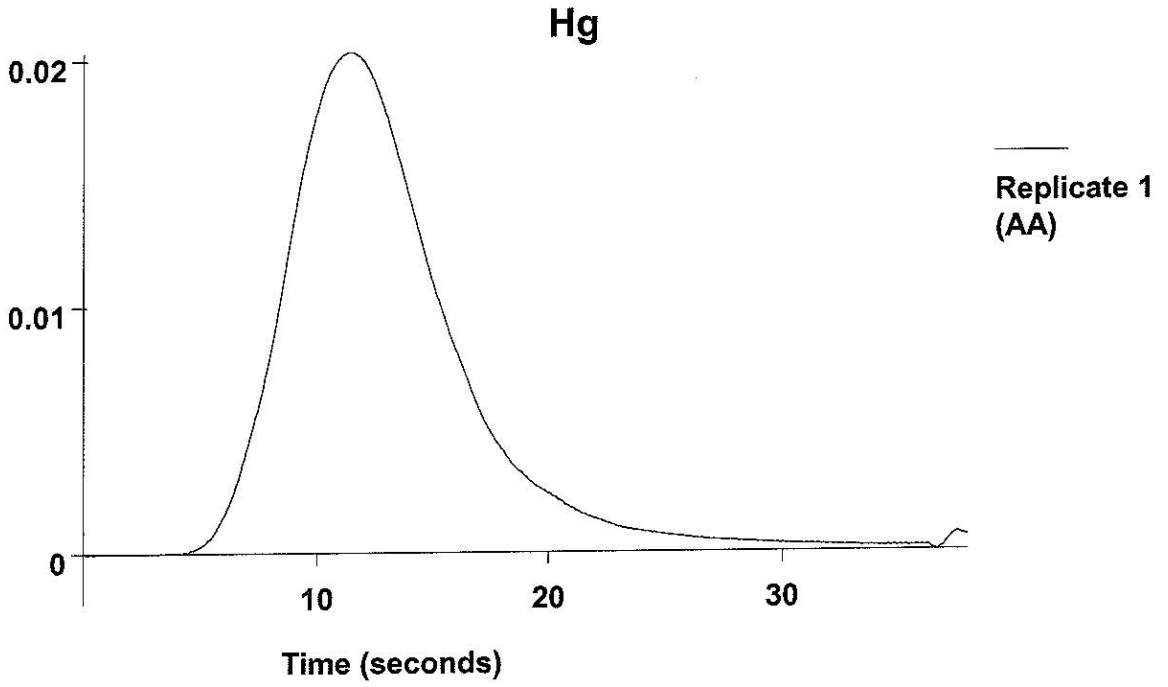
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.011	0.011	0.0001	0.0031	0.0004	1 01:24:47	Yes



Element: Hg Seq. No.: 42 AS Loc.: 33 Date: 11/21/2012

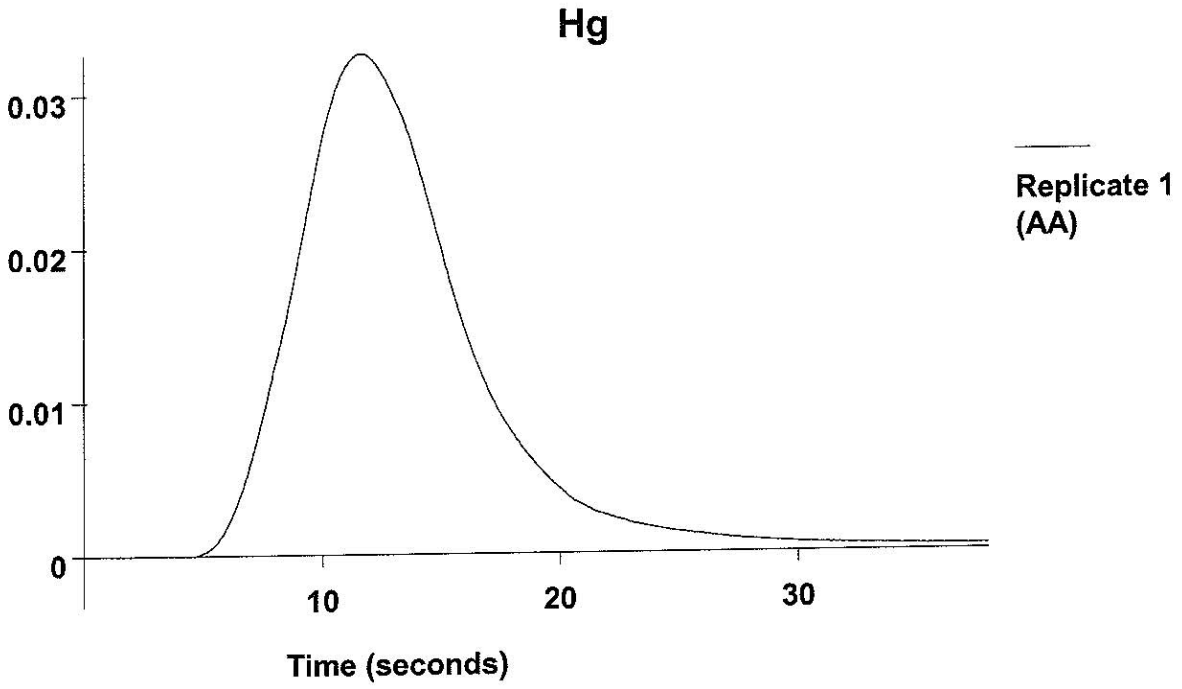
Sample ID: 350762201A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.41	2.41	0.0200	0.1621	0.0203	1 01:26:32	Yes



Element: Hg Seq. No.: 43 AS Loc.: 5 Date: 11/21/2012
Sample ID: CCV

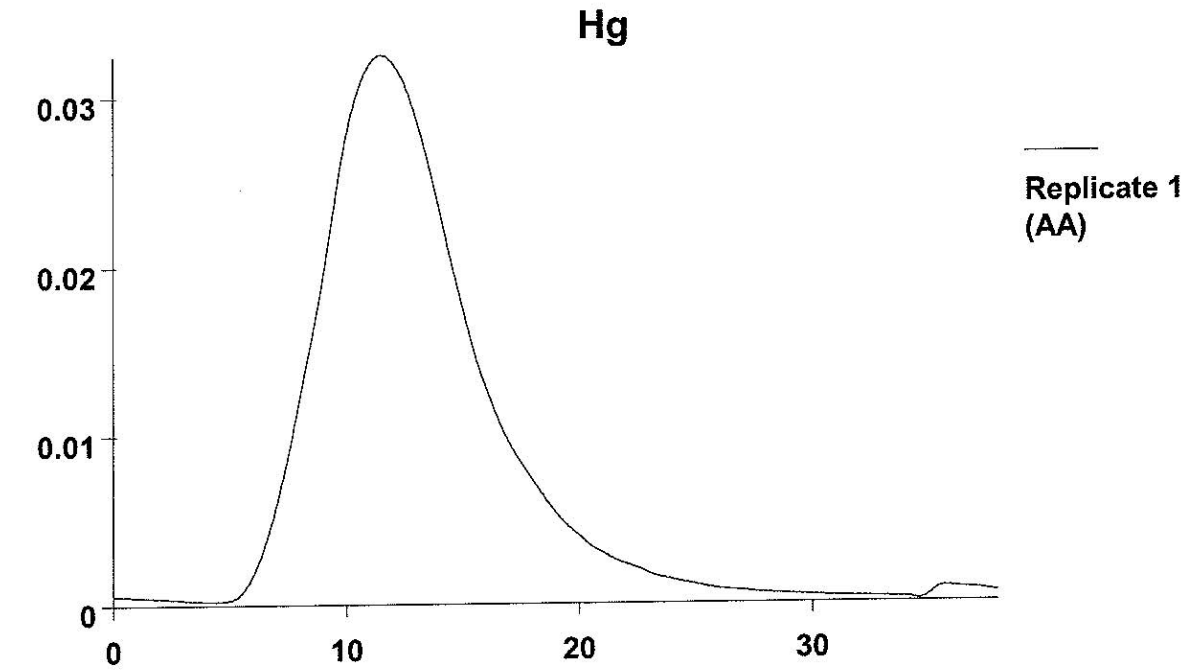
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.89	3.89	0.0323	0.2666	0.0326	1 01:28:18	Yes



QC failed, value less than lower limit for Hg.

Element: Hg Seq. No.: 44 AS Loc.: 5 Date: 11/21/2012
Sample ID: CCV

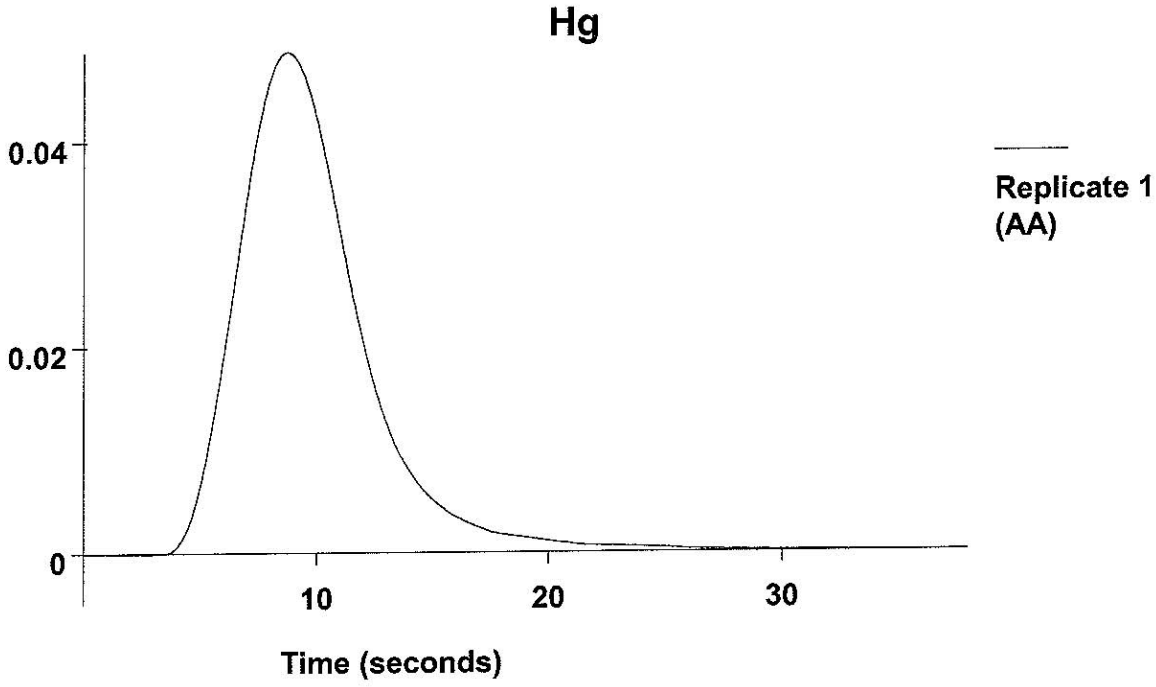
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.87	3.87	0.0321	0.2575	0.0324	1 01:30:07	Yes



QC failed, value less than lower limit for Hg.
Alarm sounded, system waiting for operator action.

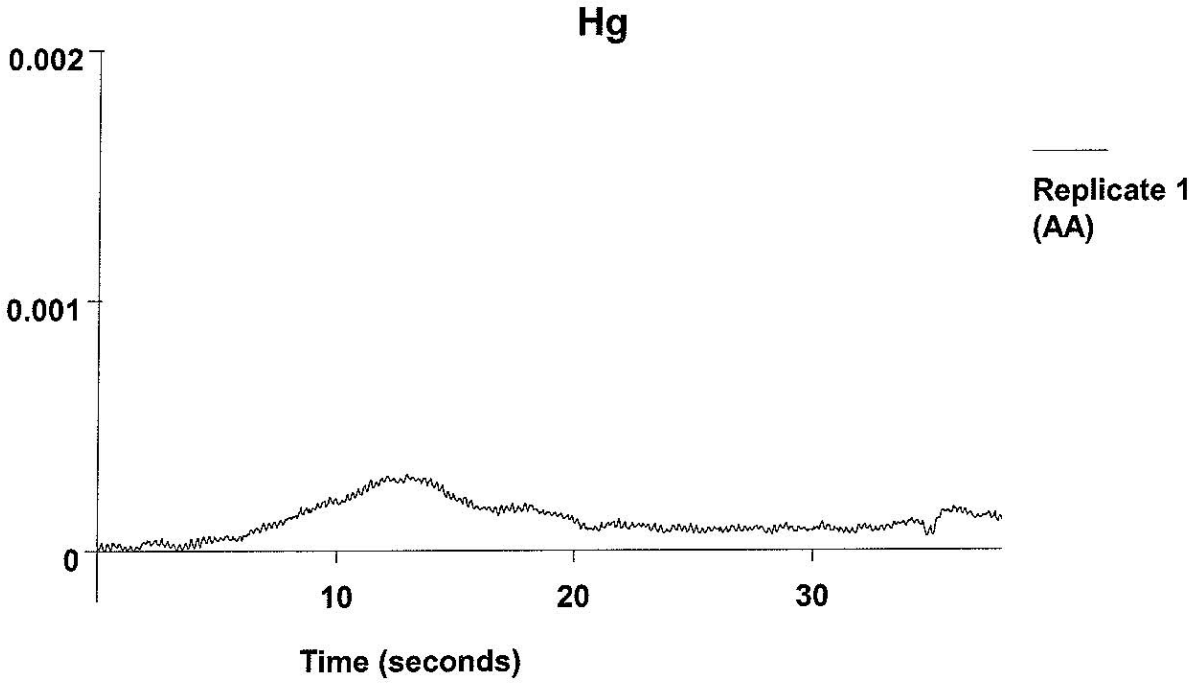
Element: Hg Seq. No.: 45 AS Loc.: 5 Date: 11/21/2012
Sample ID: Sample005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.81	5.81	0.0482	0.2882	0.0485	1 01:39:02	Yes



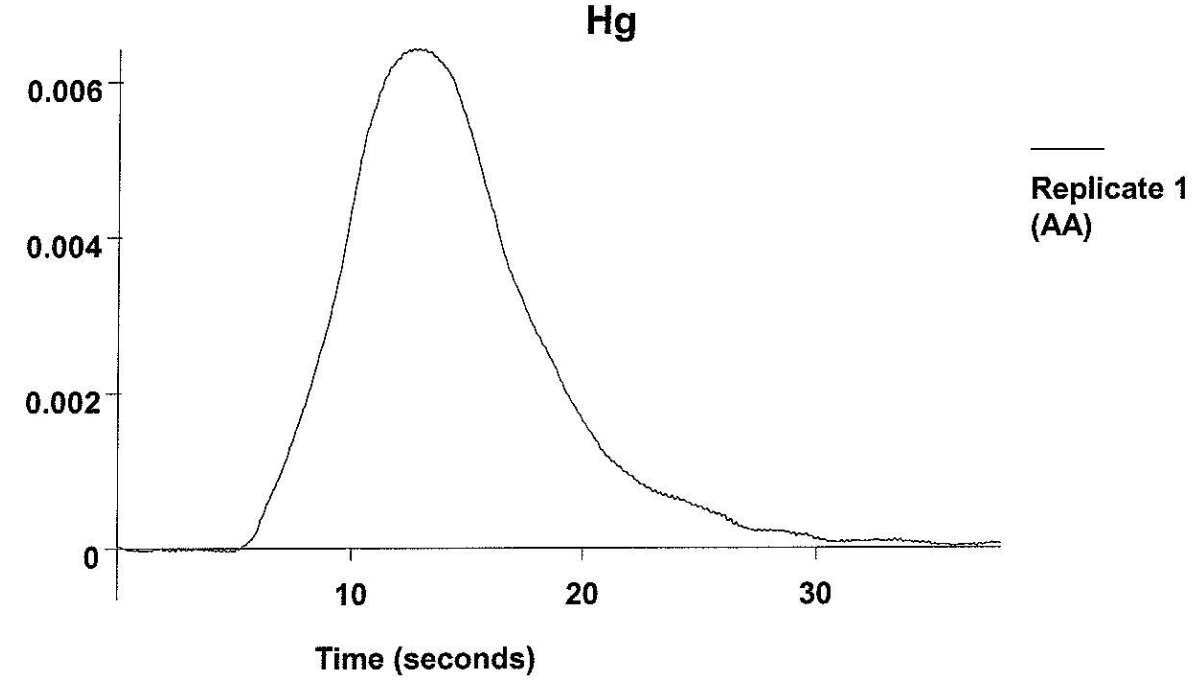
Element: Hg Seq. No.: 46 AS Loc.: 1 Date: 11/21/2012
Sample ID: Sample001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.002	-0.002	0.0000	0.0045	0.0003	1 01:40:50	Yes



Element: Hg Seq. No.: 47 AS Loc.: 28 Date: 11/21/2012
Sample ID: 350761602

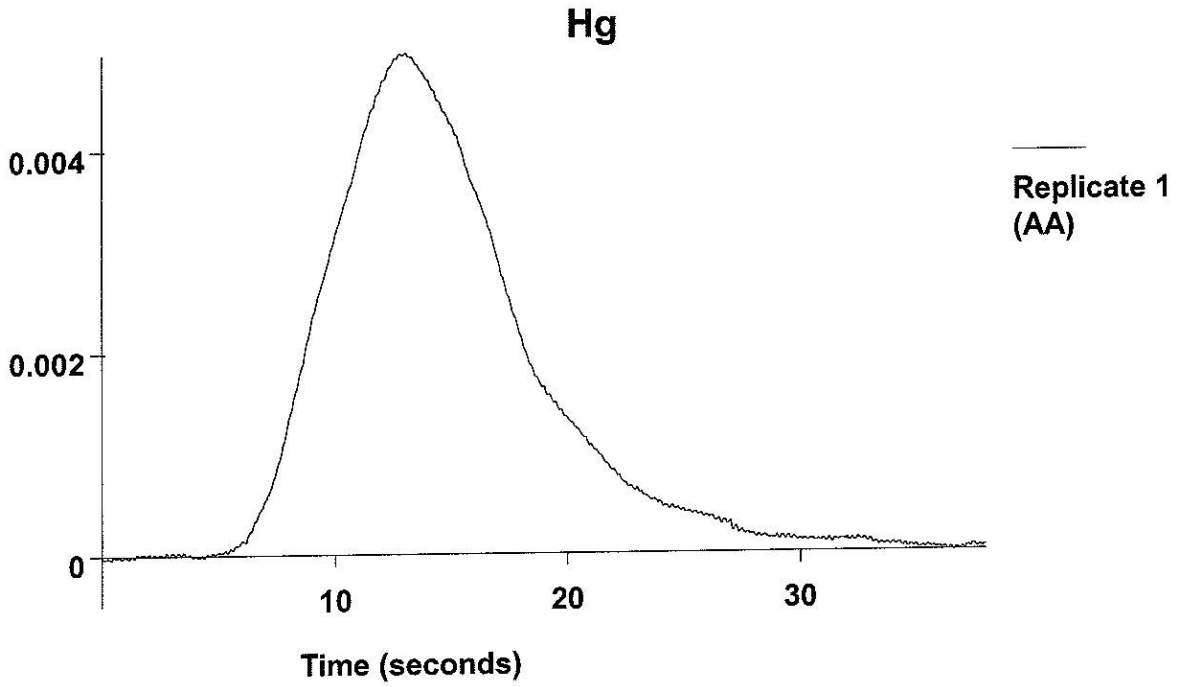
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.736	0.736	0.0061	0.0605	0.0064	1 01:42:37	Yes



Element: Hg Seq. No.: 48 AS Loc.: 29 Date: 11/21/2012

Sample ID: 350761605

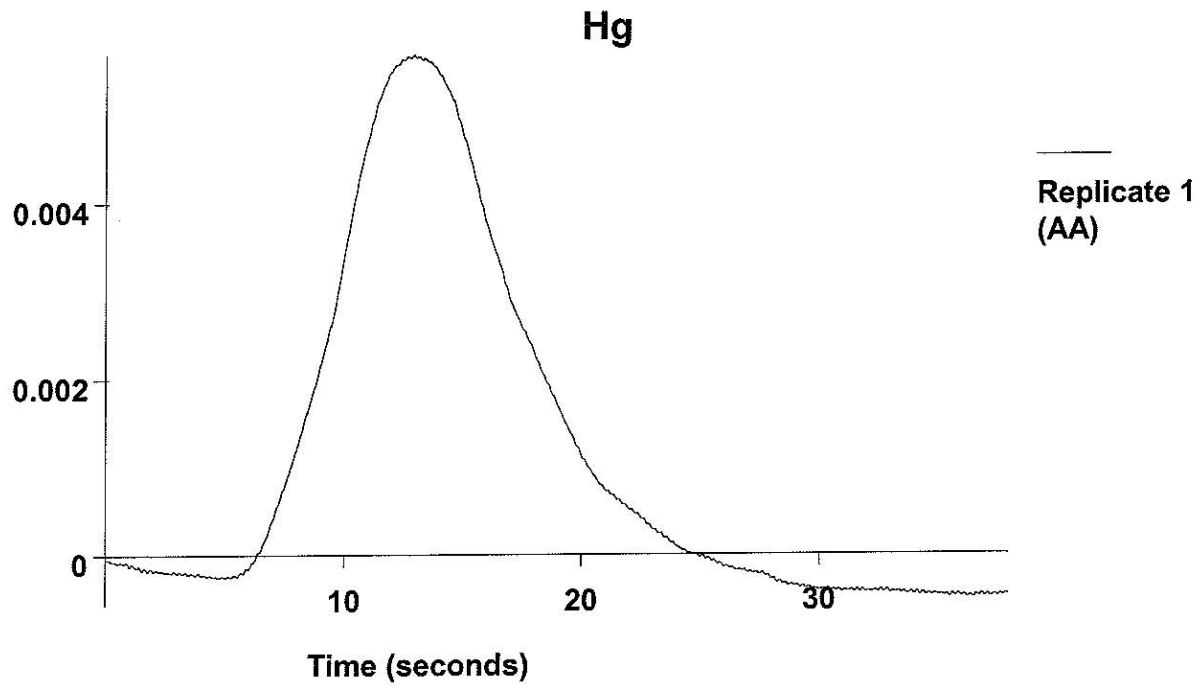
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.557	0.557	0.0046	0.0463	0.0049	1 01:44:29	Yes



Element: Hg Seq. No.: 49 AS Loc.: 30 Date: 11/21/2012

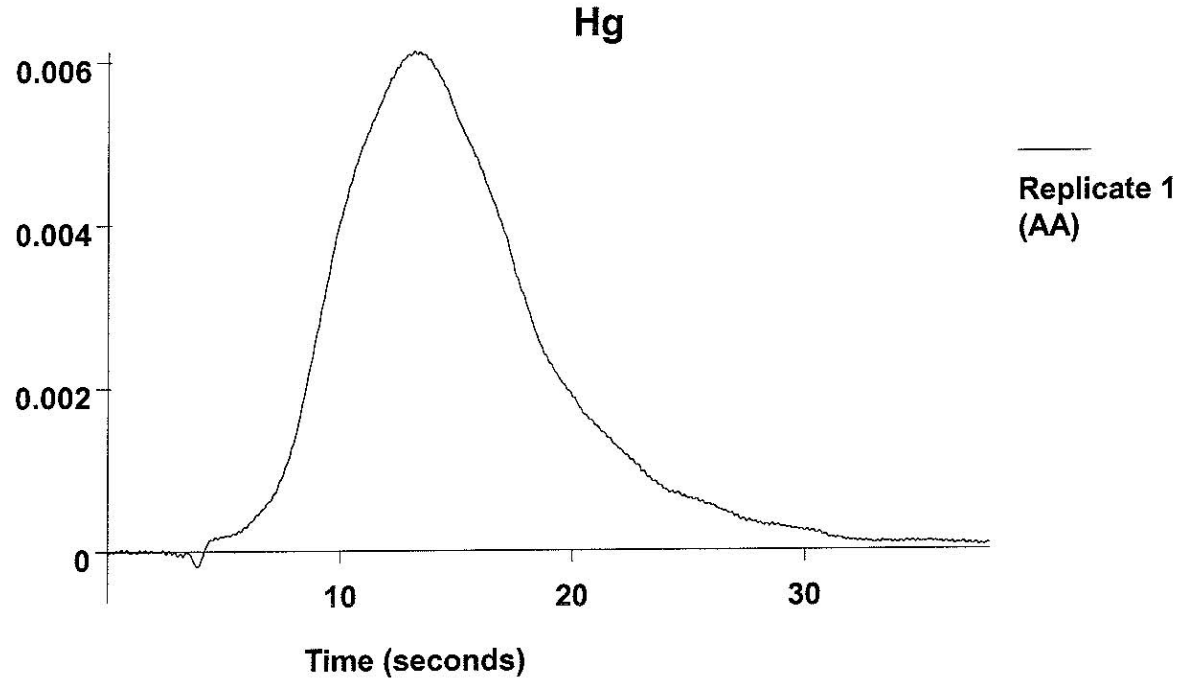
Sample ID: 350761613

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.646	0.646	0.0054	0.0410	0.0057	1 01:46:18	Yes



Element: Hg Seq. No.: 50 AS Loc.: 31 Date: 11/21/2012
Sample ID: 350761615

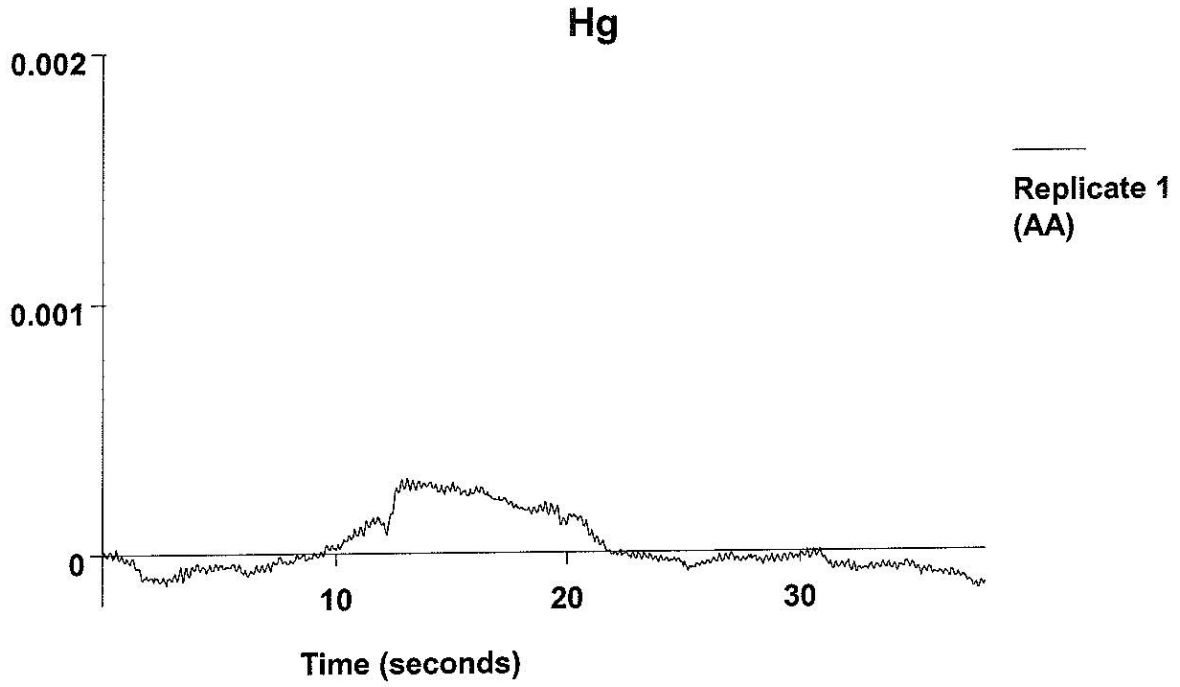
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.698	0.698	0.0058	0.0608	0.0061	1 01:48:09	Yes



Element: Hg Seq. No.: 51 AS Loc.: 32 Date: 11/21/2012

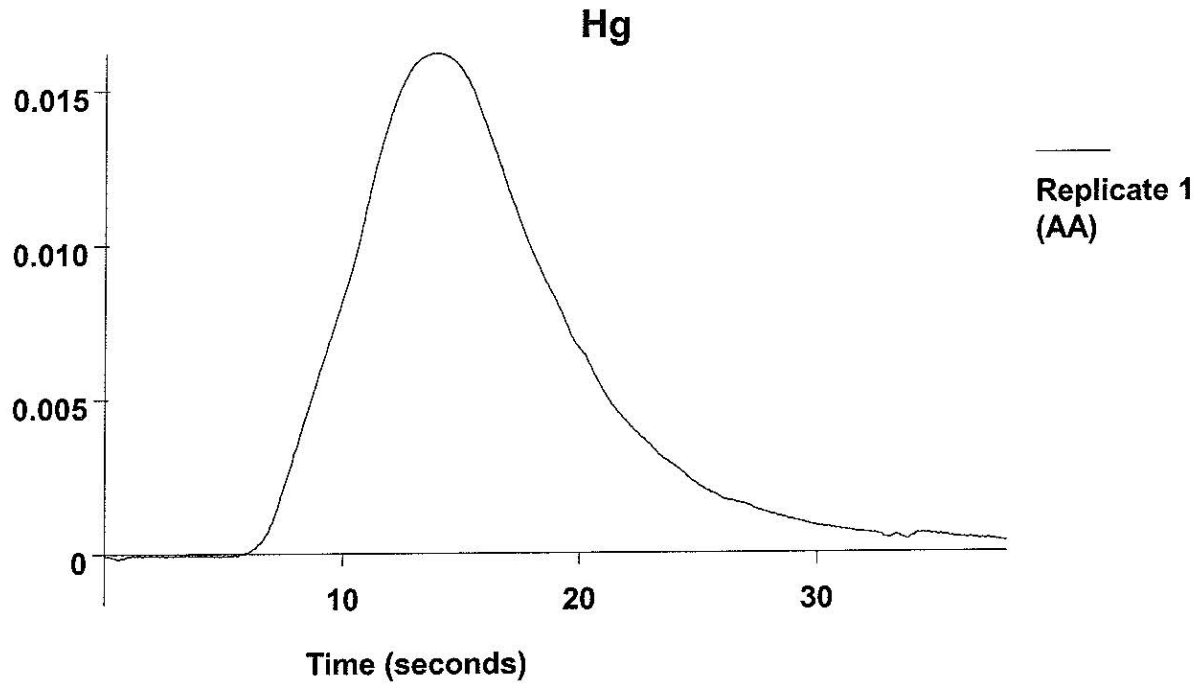
Sample ID: 350762201L

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.004	-0.004	0.0000	0.0008	0.0003	1 01:49:57	Yes



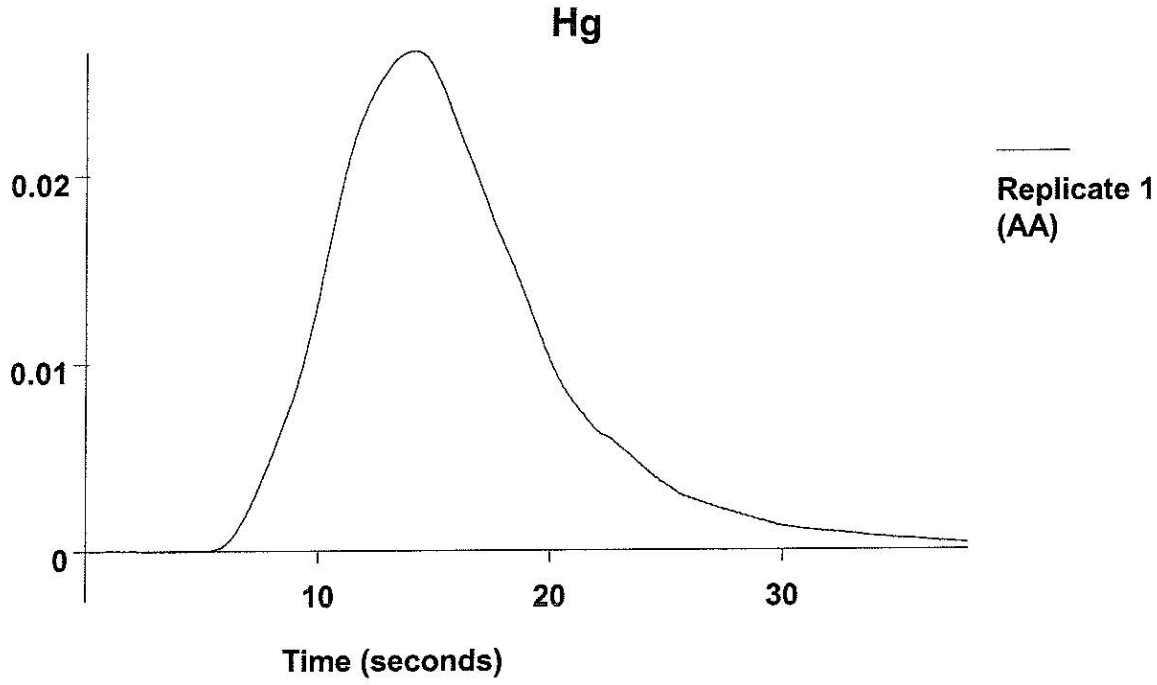
Element: Hg Seq. No.: 52 AS Loc.: 33 Date: 11/21/2012
Sample ID: 350762201A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.92	1.92	0.0159	0.1697	0.0162	1 01:51:41	Yes



Element: Hg Seq. No.: 53 AS Loc.: 5 Date: 11/21/2012
Sample ID: Sample005

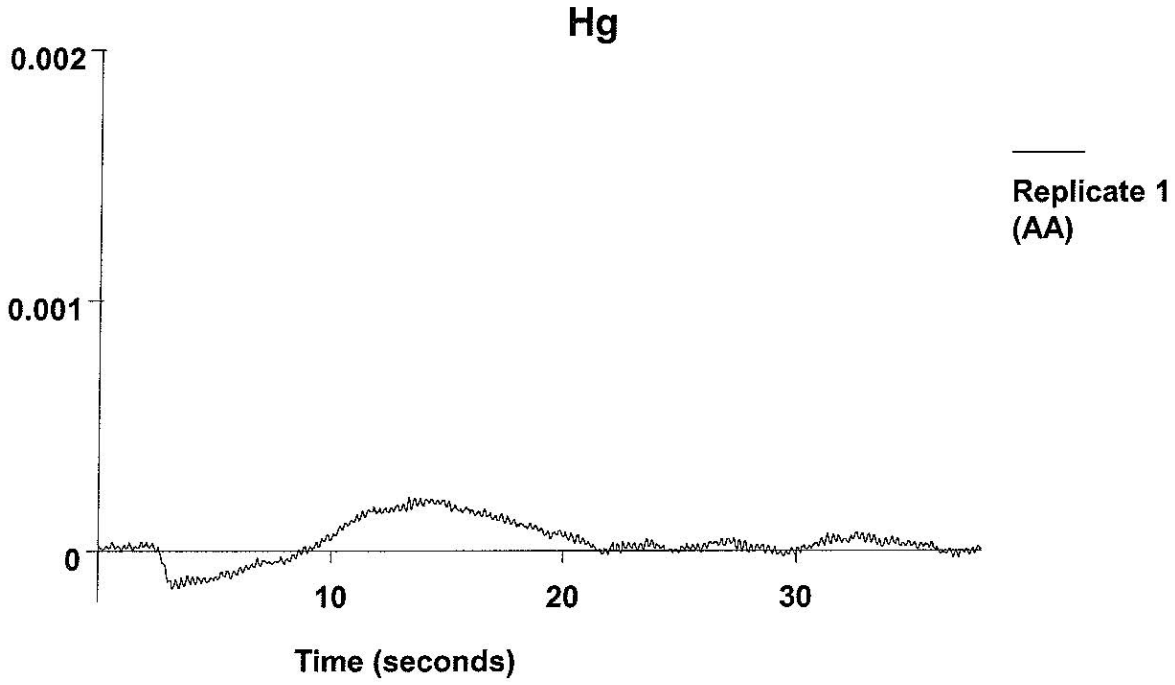
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.17	3.17	0.0263	0.2751	0.0266	1 01:53:29	Yes



Element: Hg Seq. No.: 54 AS Loc.: 1 Date: 11/21/2012

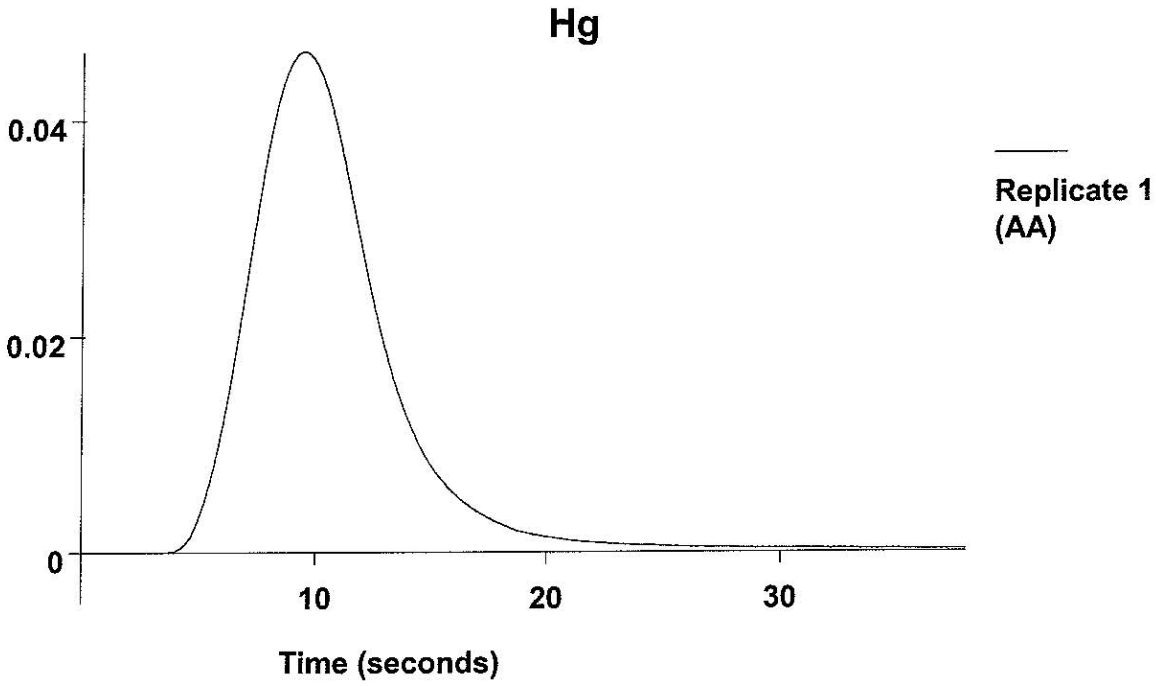
Sample ID: Sample001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height		Time	Peak Stored
1	-0.012	-0.012	-0.0001	0.0013	0.0002	1	01:55:17	Yes



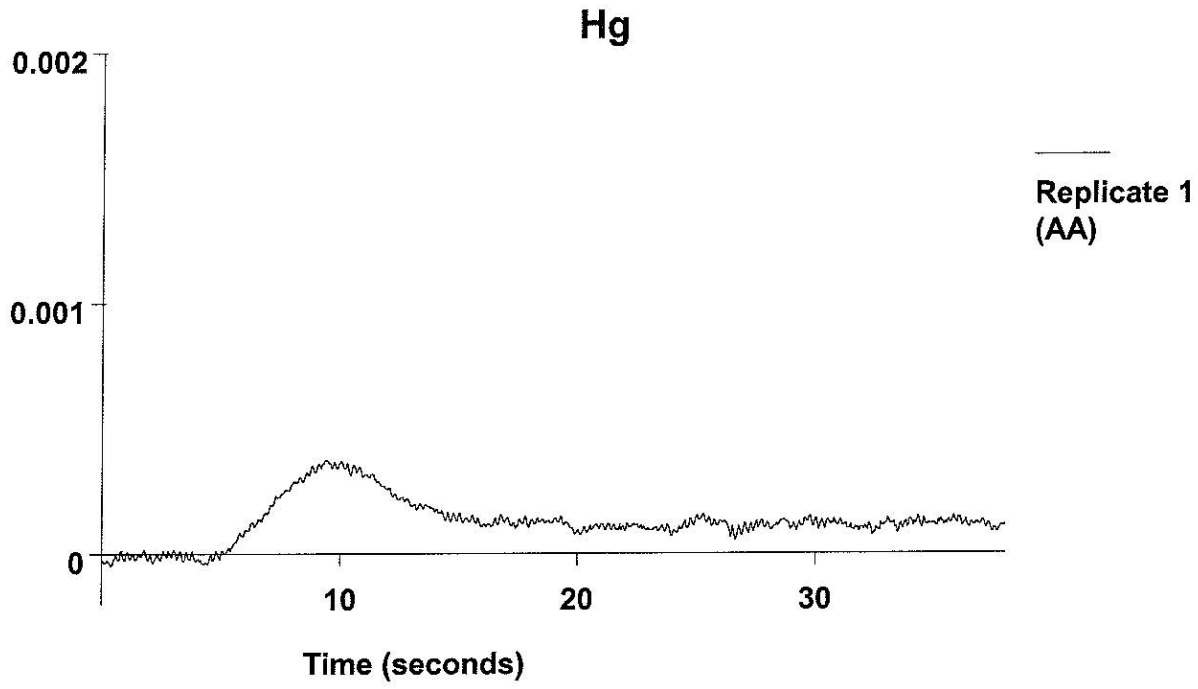
Element: Hg Seq. No.: 55 AS Loc.: 5 Date: 11/21/2012
Sample ID: Sample005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.54	5.54	0.0459	0.2967	0.0462	1 02:53:09	Yes



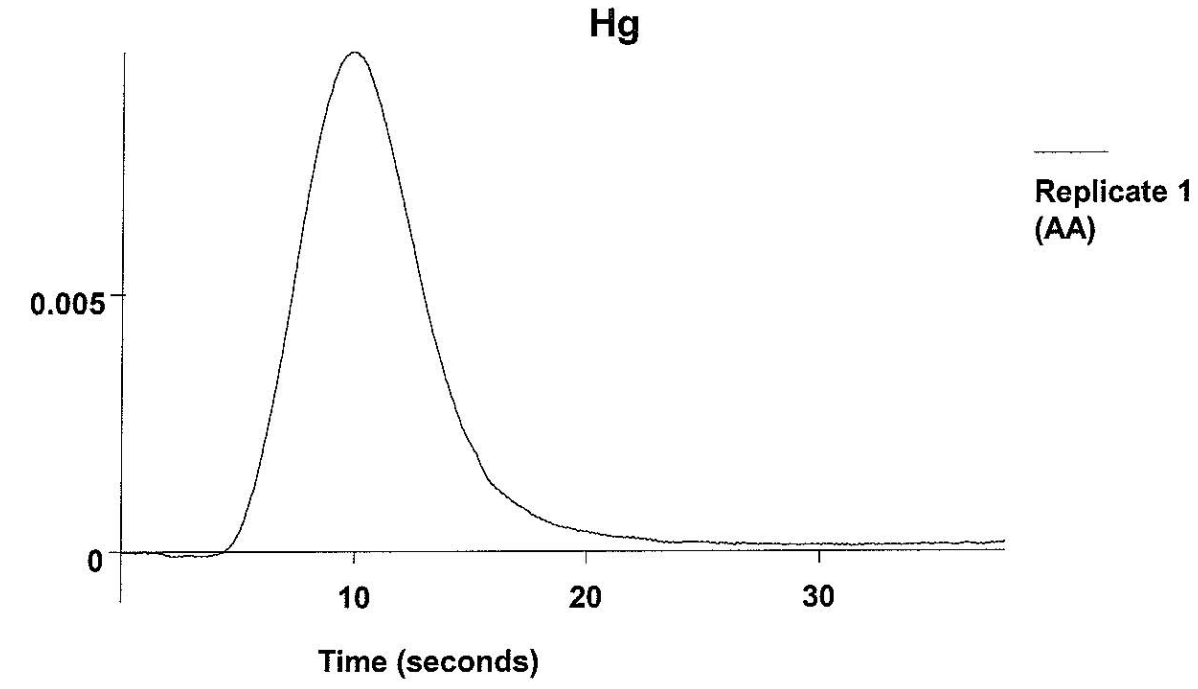
Element: Hg Seq. No.: 56 AS Loc.: 1 Date: 11/21/2012
Sample ID: Sample001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.007	0.007	0.0001	0.0048	0.0004	1 02:54:56	Yes



Element: Hg Seq. No.: 57 AS Loc.: 28 Date: 11/21/2012
Sample ID: 350761602

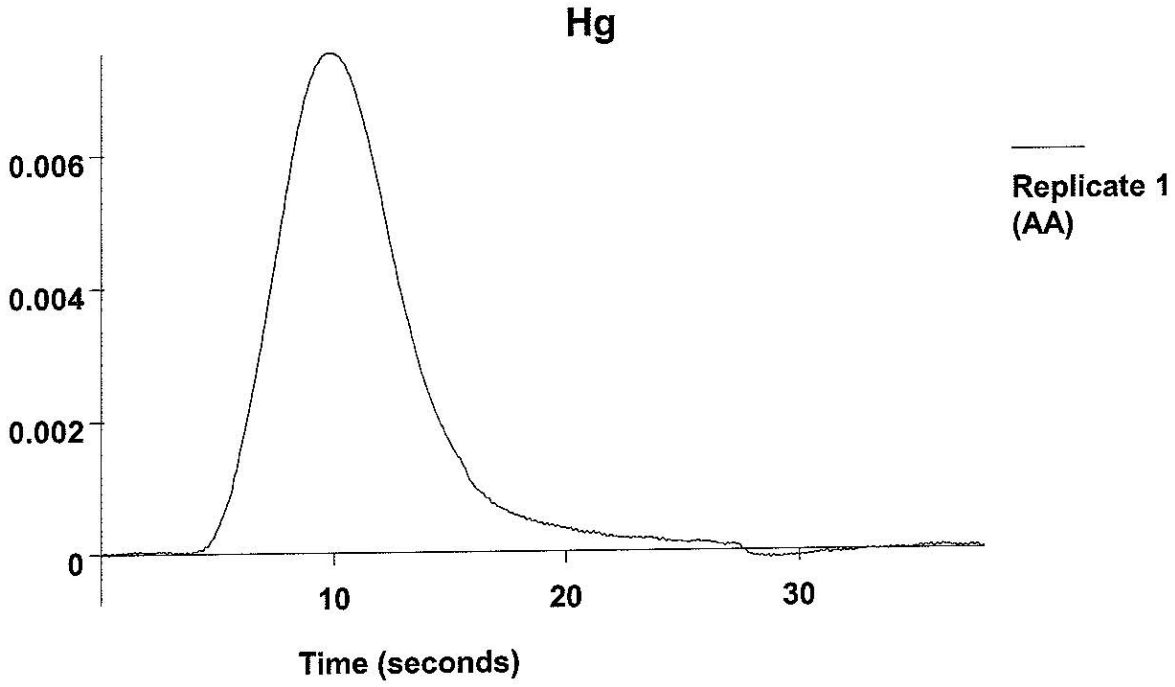
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.13	1.13	0.0093	0.0642	0.0097	1 02:56:44	Yes



Element: Hg Seq. No.: 58 AS Loc.: 29 Date: 11/21/2012

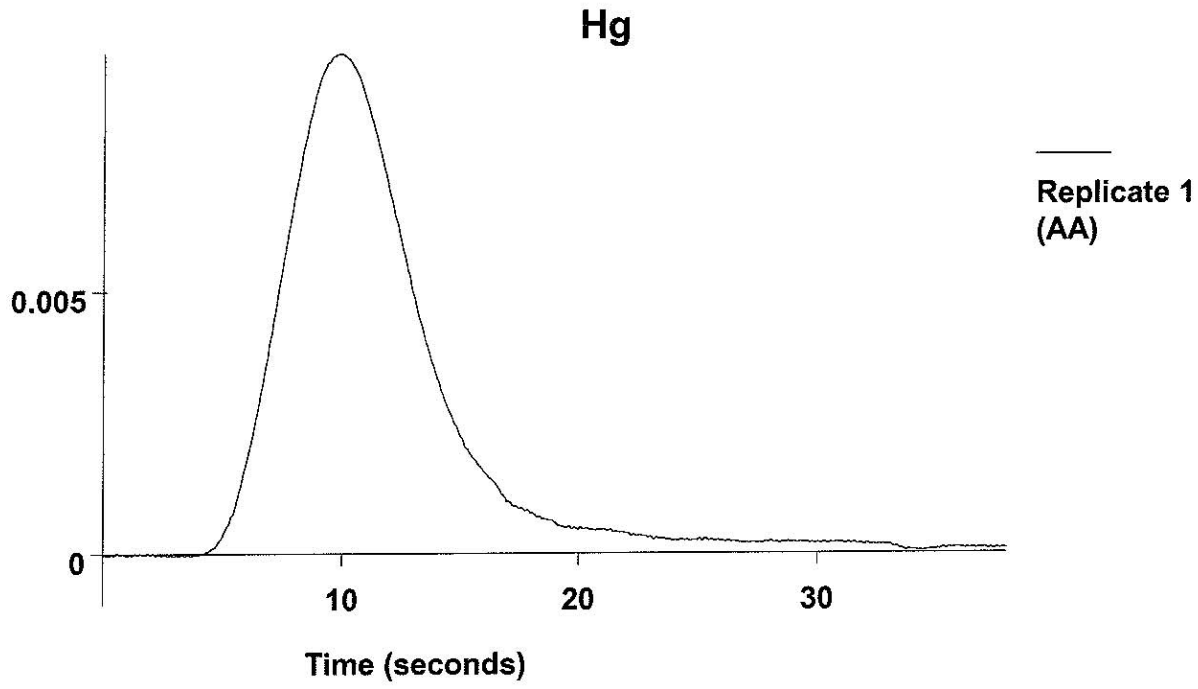
Sample ID: 350761605

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.871	0.871	0.0072	0.0498	0.0075	1 02:58:34	Yes



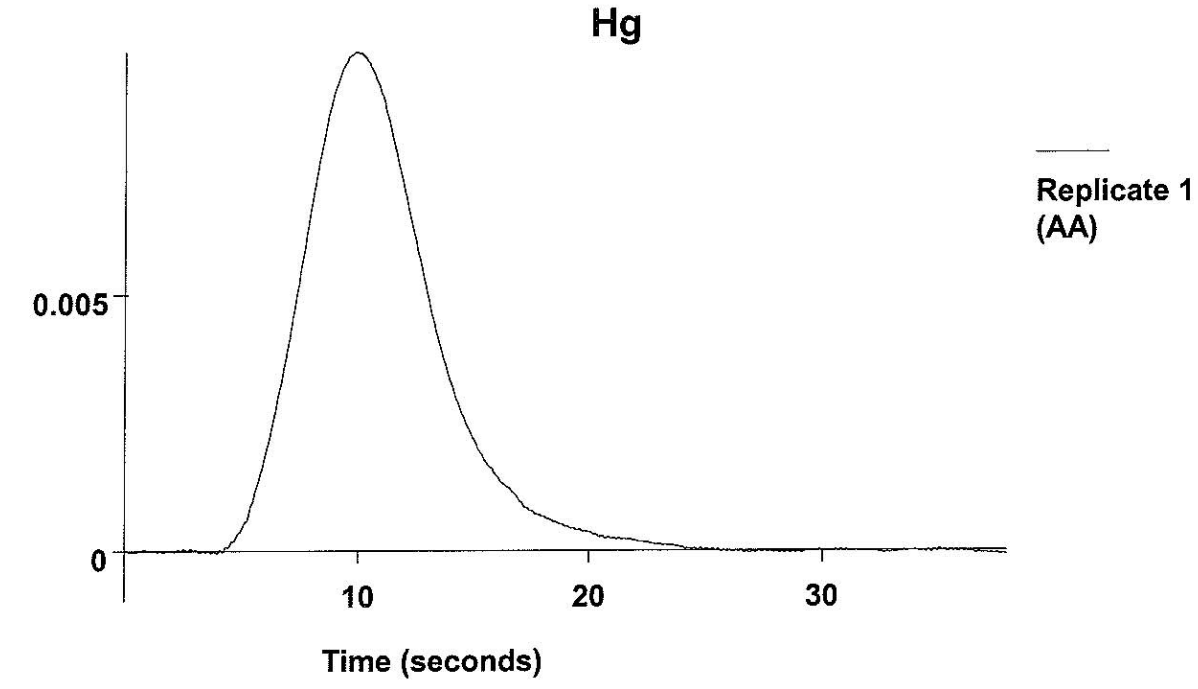
Element: Hg Seq. No.: 59 AS Loc.: 30 Date: 11/21/2012
Sample ID: 350761613

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.11	1.11	0.0092	0.0653	0.0095	1 03:00:24	Yes



Element: Hg Seq. No.: 60 AS Loc.: 31 Date: 11/21/2012
Sample ID: 350761615

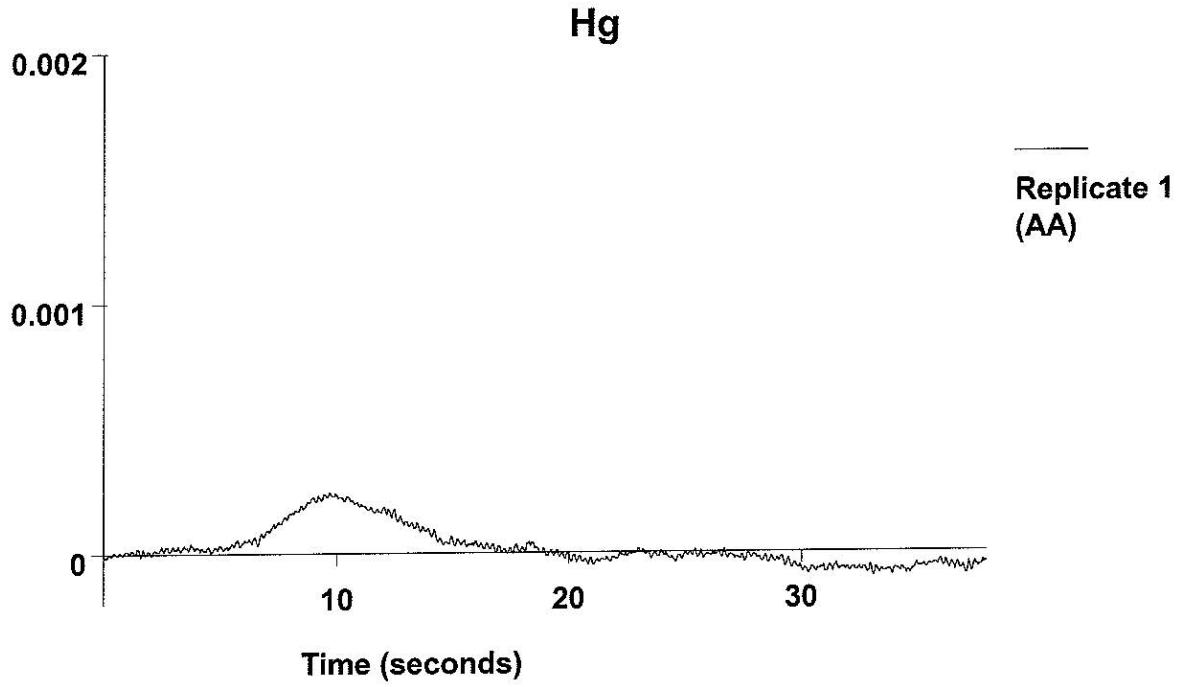
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.13	1.13	0.0094	0.0623	0.0097	1 03:02:15	Yes



Element: Hg Seq. No.: 61 AS Loc.: 32 Date: 11/21/2012

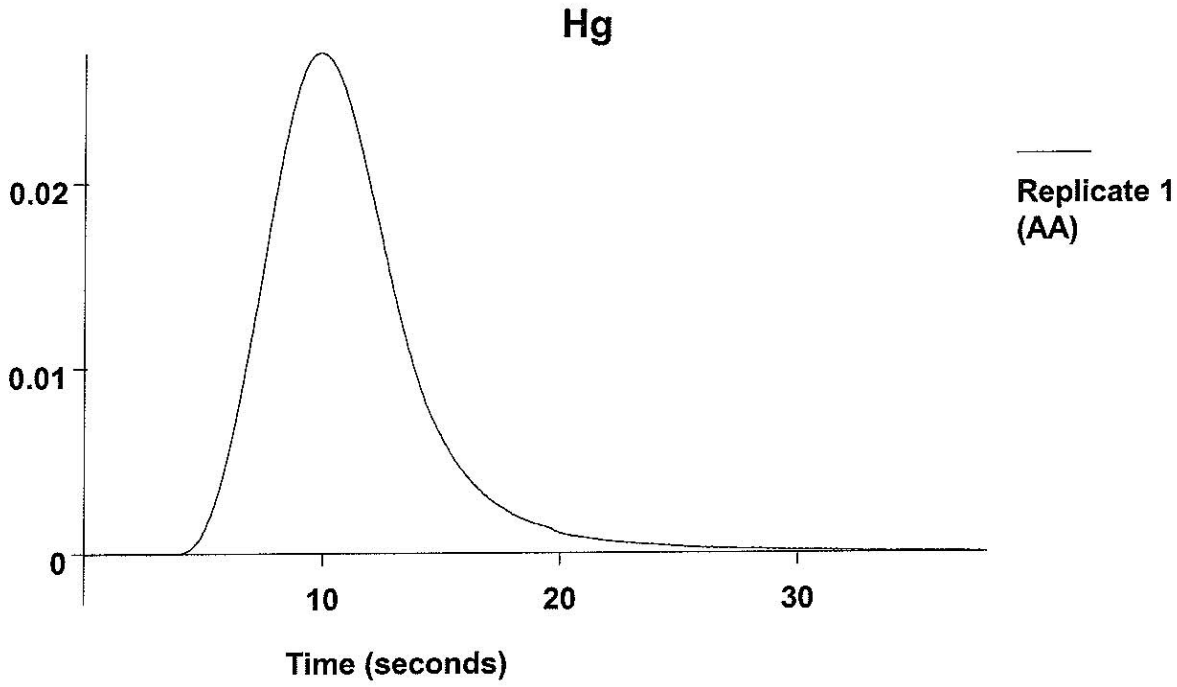
Sample ID: 350762201L

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.009	-0.009	-0.0001	0.0007	0.0002	1 03:04:04	Yes



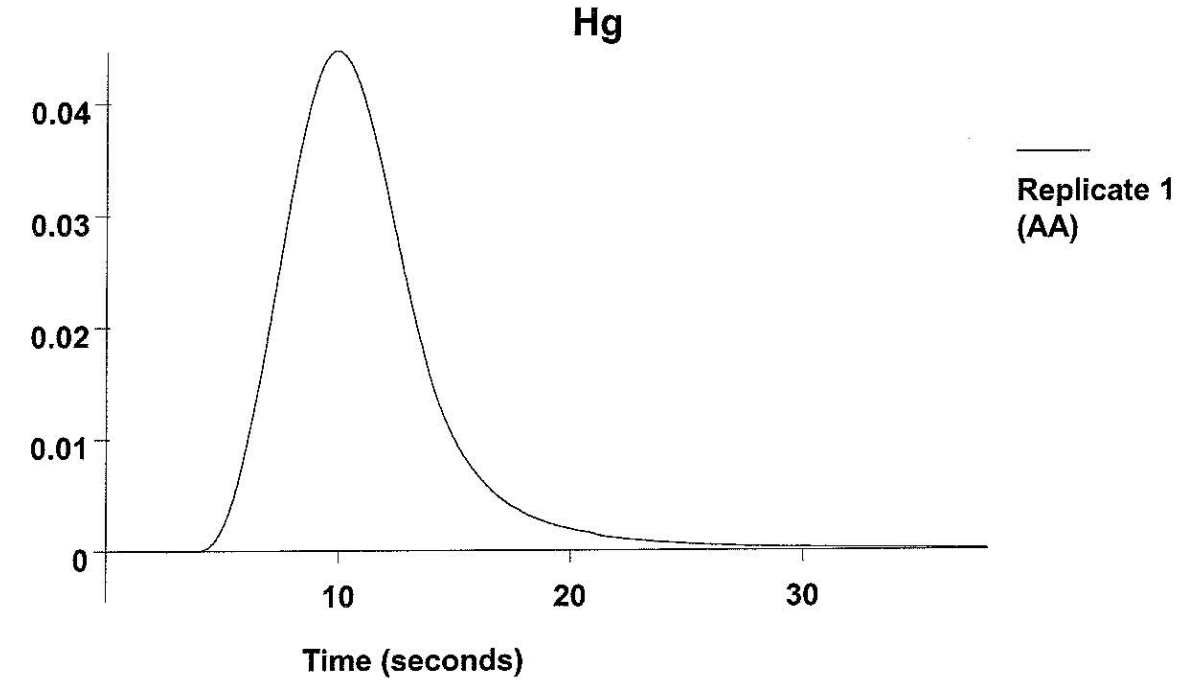
Element: Hg Seq. No.: 62 AS Loc.: 33 Date: 11/21/2012
Sample ID: 350762201A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.22	3.22	0.0267	0.1797	0.0270	1 03:05:48	Yes



Element: Hg Seq. No.: 63 AS Loc.: 5 Date: 11/21/2012
Sample ID: Sample005

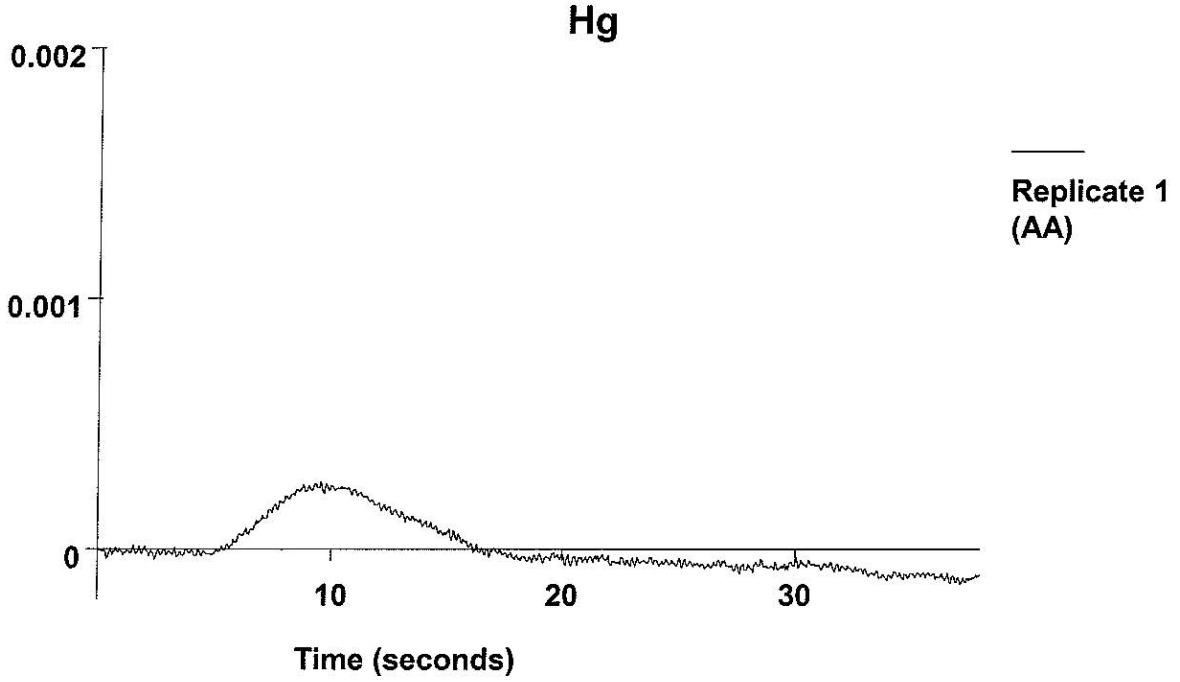
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.33	5.33	0.0442	0.2980	0.0445	1 03:07:34	Yes



Element: Hg Seq. No.: 64 AS Loc.: 1 Date: 11/21/2012

Sample ID: Sample001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.006	-0.006	-0.0001	0.0001	0.0003	1 03:09:22	Yes



Seq. No.	1	AS Loc:	1	Date:	11/21/12			
Sample ID:	Calib Blank							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg			0.0003	-0.0016	158.2786	0.0003	4.1652	12:09:30
Auto-zero performed.								
Mean:			0.0003					
SD:								
%RSD:								

Seq. No.	2	AS Loc:	2	Date:	11/21/12			
Sample ID:	CS1							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg			0.0016	0.0062	158.2948	0.0019	4.1657	12:11:15
[Hg] Standard number 1 applied. [0.200]								
Correlation Coefficient: 1.00000		Slope: 0.00810						
Mean:			0.0016					
SD:								
%RSD:								

Seq. No.	3	AS Loc:	3	Date:	11/21/12			
Sample ID:	CS2							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg			0.0029	-0.0345	158.3645	0.0032	4.1675	12:13:03
[Hg] Standard number 2 applied. [0.500]								
Correlation Coefficient: 0.94703		Slope: 0.00624						
Mean:			0.0029					
SD:								
%RSD:								

Seq. No.	4	AS Loc:	4	Date:	11/21/12			
Sample ID:	CS3							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg			0.0068	-0.0462	158.3286	0.0071	4.1665	12:14:52
[Hg] Standard number 3 applied. [1.00]								
Correlation Coefficient: 0.99067		Slope: 0.00667						
Mean:			0.0068					
SD:								
%RSD:								

Seq. No.	5	AS Loc:	5	Date:	11/21/12			
Sample ID:	CS4							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg			0.0411	0.1551	158.3408	0.0415	4.1668	12:16:41
[Hg] Standard number 4 applied. [5.00]								
Correlation Coefficient: 0.99831		Slope: 0.00817						
Mean:			0.0411					
SD:								
%RSD:								

Seq. No.	6	AS Loc:	6	Date:	11/21/12			
Sample ID:	CS5							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg			0.0832	0.4392	158.3654	0.0835	4.1676	12:18:30
[Hg] Standard number 5 applied. [10.0]								

Correlation Coefficient: 0.99959 Slope: 0.00829

Mean: 0.0832
SD:
%RSD:

Seq. No.	7	AS Loc:	7	Date:	11/21/12			
Sample ID:	ICV							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.17µg/L	3.17µg/L	0.0263	0.1314	158.5159	0.0266	4.1715	12:20:25
QC value within specified limits.								
Mean:	3.17µg/L	3.17µg/L	0.0263					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	8	AS Loc:	1	Date:	11/21/12			
Sample ID:	ICB							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.351µg/L	0.351µg/L	0.0029	0.0975	158.5384	0.0032	4.1721	12:22:13
QC failed, value greater than upper limit for Hg.								
Current analysis method stopped.								
Mean:	0.351	0.351	0.0029					
SD:	0.000	0.000						
%RSD:								

Seq. No.	9	AS Loc:	7	Date:	11/21/12			
Sample ID:	ICV							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.11µg/L	3.11µg/L	0.0258	0.1330	158.4793	0.0261	4.1705	12:27:01
QC value within specified limits.								
Mean:	3.11µg/L	3.11µg/L	0.0258					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	10	AS Loc:	1	Date:	11/21/12			
Sample ID:	ICB							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.012µg/L	-0.012µg/L	-0.0001	-0.0015	158.6427	0.0002	4.1748	12:28:48
QC value within specified limits.								
Mean:	-0.012µg/L	-0.012µg/L	-0.0001					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	11	AS Loc:	5	Date:	11/21/12			
Sample ID:	CCV							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	4.74µg/L	4.74µg/L	0.0393	0.2140	158.5162	0.0396	4.1715	12:30:34
QC value within specified limits.								
Mean:	4.74µg/L	4.74µg/L	0.0393					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	12	AS Loc:	1	Date:	11/21/12			
Sample ID:	CCB							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.015µg/L	-0.015µg/L	-0.0001	-0.0028	158.5462	0.0002	4.1723	12:32:24

QC value within specified limits.

Mean:	-0.015µg/L	-0.015µg/L	-0.0001
SD:	0.000µg/L	0.000µg/L	
%RSD:			

Seq. No.	13	AS Loc:	8	Date:	11/21/12			
Sample ID:	154431MB							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.028µg/L	-0.028µg/L	-0.0002	-0.0883	158.5623	0.0001	4.1727	12:34:13
Mean:	-0.028µg/L	-0.028µg/L	-0.0002					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	14	AS Loc:	9	Date:	11/21/12			
Sample ID:	154432LCS							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.06µg/L	3.06µg/L	0.0254	0.1431	158.7121	0.0257	4.1766	12:36:02
Mean:	3.06µg/L	3.06µg/L	0.0254					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	15	AS Loc:	10	Date:	11/21/12			
Sample ID:	154433LCSD							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.13µg/L	3.13µg/L	0.0259	0.1499	158.5964	0.0262	4.1736	12:37:49
Mean:	3.13µg/L	3.13µg/L	0.0259					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	16	AS Loc:	11	Date:	11/21/12			
Sample ID:	350762201							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.003µg/L	0.003µg/L	0.0000	-0.0024	158.6081	0.0003	4.1739	12:39:35
Mean:	0.003µg/L	0.003µg/L	0.0000					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	17	AS Loc:	12	Date:	11/21/12			
Sample ID:	154434MS							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.11µg/L	3.11µg/L	0.0258	0.1957	158.6785	0.0261	4.1758	12:41:23
Mean:	3.11µg/L	3.11µg/L	0.0258					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	18	AS Loc:	13	Date:	11/21/12			
Sample ID:	154435MSD							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.17µg/L	3.17µg/L	0.0262	0.2447	158.7780	0.0265	4.1784	12:43:12
Mean:	3.17µg/L	3.17µg/L	0.0262					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	19	AS Loc:	14	Date:	11/21/12			
Sample ID:	350762204							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.040µg/L	0.040µg/L	0.0003	0.0037	158.6504	0.0006	4.1750	12:45:02
Mean:	0.040µg/L	0.040µg/L	0.0003					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	20	AS Loc:	15	Date:	11/21/12			
Sample ID:	350762205							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.136µg/L	0.136µg/L	0.0011	0.0050	158.6551	0.0014	4.1752	12:46:54
Mean:	0.136µg/L	0.136µg/L	0.0011					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	21	AS Loc:	16	Date:	11/21/12			
Sample ID:	350762206							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.154µg/L	0.154µg/L	0.0013	-0.0154	158.6727	0.0016	4.1756	12:48:47
Mean:	0.154µg/L	0.154µg/L	0.0013					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	22	AS Loc:	17	Date:	11/21/12			
Sample ID:	350762207							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.020µg/L	0.020µg/L	0.0002	-0.0767	158.6970	0.0005	4.1762	12:50:35
Mean:	0.020µg/L	0.020µg/L	0.0002					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	23	AS Loc:	5	Date:	11/21/12			
Sample ID:	CCV							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	4.47µg/L	4.47µg/L	0.0370	0.2118	158.8292	0.0373	4.1797	12:52:22
QC value within specified limits.								
Mean:	4.47µg/L	4.47µg/L	0.0370					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	24	AS Loc:	1	Date:	11/21/12			
Sample ID:	CCB							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.012µg/L	-0.012µg/L	-0.0001	-0.0041	158.8442	0.0002	4.1801	12:54:10
QC value within specified limits.								
Mean:	-0.012µg/L	-0.012µg/L	-0.0001					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	25	AS Loc:	18	Date:	11/21/12			
Sample ID:	350762208							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.029µg/L	0.029µg/L	0.0002	-0.0070	158.8434	0.0006	4.1801	12:55:55

Mean:	0.029µg/L	0.029µg/L	0.0002
SD:	0.000µg/L	0.000µg/L	
%RSD:			

Seq. No.	26	AS Loc:	19	Date:	11/21/12			
Sample ID:	350762209							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.060µg/L	0.060µg/L	0.0005	0.0003	158.7249	0.0008	4.1770	12:57:41
Mean:	0.060µg/L	0.060µg/L	0.0005					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	27	AS Loc:	20	Date:	11/21/12			
Sample ID:	350760007							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	5.38µg/L	5.38µg/L	0.0446	0.2785	158.7467	0.0449	4.1775	12:59:28
Mean:	5.38µg/L	5.38µg/L	0.0446					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	28	AS Loc:	21	Date:	11/21/12			
Sample ID:	350760008							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.997µg/L	0.997µg/L	0.0083	0.0448	158.8639	0.0086	4.1807	13:01:14
Mean:	0.997µg/L	0.997µg/L	0.0083					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	29	AS Loc:	22	Date:	11/21/12			
Sample ID:	350760011							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	1.04µg/L	1.04µg/L	0.0086	0.0828	158.8817	0.0089	4.1811	13:03:01
Mean:	1.04µg/L	1.04µg/L	0.0086					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	30	AS Loc:	23	Date:	11/21/12			
Sample ID:	350760106							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.352µg/L	0.352µg/L	0.0029	0.0176	158.8907	0.0032	4.1814	13:04:49
Mean:	0.352µg/L	0.352µg/L	0.0029					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	31	AS Loc:	24	Date:	11/21/12			
Sample ID:	350760107							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.53µg/L	3.53µg/L	0.0293	0.1956	158.8977	0.0296	4.1815	13:06:37
Mean:	3.53µg/L	3.53µg/L	0.0293					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	32	AS Loc:	25	Date:	11/21/12			
Sample ID:	350760108							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.667µg/L	0.667µg/L	0.0055	-0.0469	158.7704	0.0058	4.1782	13:08:26
Mean:	0.667µg/L	0.667µg/L	0.0055					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	33	AS Loc:	26	Date:	11/21/12			
Sample ID:	350760109							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.396µg/L	0.396µg/L	0.0033	0.0670	158.9095	0.0036	4.1818	13:10:15
Mean:	0.396µg/L	0.396µg/L	0.0033					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	34	AS Loc:	27	Date:	11/21/12			
Sample ID:	350760110							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	1.15µg/L	1.15µg/L	0.0096	0.0653	158.9096	0.0099	4.1819	13:12:02
Mean:	1.15µg/L	1.15µg/L	0.0096					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	35	AS Loc:	5	Date:	11/21/12			
Sample ID:	CCV							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	4.27µg/L	4.27µg/L	0.0354	0.2513	158.9209	0.0357	4.1821	13:13:50
QC value within specified limits.								
Mean:	4.27µg/L	4.27µg/L	0.0354					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	36	AS Loc:	1	Date:	11/21/12			
Sample ID:	CCB							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.170µg/L	0.170µg/L	0.0014	-0.0051	158.8861	0.0017	4.1812	13:15:38
QC value within specified limits.								
Mean:	0.170µg/L	0.170µg/L	0.0014					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	37	AS Loc:	28	Date:	11/21/12			
Sample ID:	350761602							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.961µg/L	0.961µg/L	0.0080	0.0582	158.9253	0.0083	4.1822	13:17:26
Mean:	0.961µg/L	0.961µg/L	0.0080					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	38	AS Loc:	29	Date:	11/21/12			
Sample ID:	350761605							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.605µg/L	0.605µg/L	0.0050	-0.0330	158.7820	0.0053	4.1785	13:19:18

Mean:	0.605µg/L	0.605µg/L	0.0050					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	39	AS Loc:	30	Date:	11/21/12			
Sample ID:	350761613							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.876µg/L	0.876µg/L	0.0073	0.0617	158.9090	0.0076	4.1818	13:21:09
Mean:	0.876µg/L	0.876µg/L	0.0073					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	40	AS Loc:	31	Date:	11/21/12			
Sample ID:	350761615							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.878µg/L	0.878µg/L	0.0073	0.0472	158.9253	0.0076	4.1822	13:22:59
Mean:	0.878µg/L	0.878µg/L	0.0073					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	41	AS Loc:	32	Date:	11/21/12			
Sample ID:	350762201L							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.011µg/L	0.011µg/L	0.0001	0.0031	158.9430	0.0004	4.1827	13:24:47
Mean:	0.011µg/L	0.011µg/L	0.0001					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	42	AS Loc:	33	Date:	11/21/12			
Sample ID:	350762201A							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	2.41µg/L	2.41µg/L	0.0200	0.1621	158.9485	0.0203	4.1829	13:26:32
Mean:	2.41µg/L	2.41µg/L	0.0200					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	43	AS Loc:	5	Date:	11/21/12			
Sample ID:	CCV							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.89µg/L	3.89µg/L	0.0323	0.2666	158.9487	0.0326	4.1829	13:28:18
QC failed, value less than lower limit for Hg.								
Mean:	3.89µg/L	3.89µg/L	0.0323					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	44	AS Loc:	5	Date:	11/21/12			
Sample ID:	CCV							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.87µg/L	3.87µg/L	0.0321	0.2575	158.9443	0.0324	4.1828	13:30:07
QC failed, value less than lower limit for Hg.								
Alarm sounded, system waiting for operator action.								
Mean:	3.87	3.87	0.0321					
SD:	0.000	0.000						
%RSD:								

Seq. No.	45	AS Loc:	5	Date:	11/21/12			
Sample ID:	Sample005							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	5.81µg/L	5.81µg/L	0.0482	0.2882	158.9566	0.0485	4.1831	13:39:02
Mean:	5.81µg/L	5.81µg/L	0.0482					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	46	AS Loc:	1	Date:	11/21/12			
Sample ID:	Sample001							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.002µg/L	-0.002µg/L	-0.0000	0.0045	158.9635	0.0003	4.1832	13:40:50
Mean:	-0.002µg/L	-0.002µg/L	-0.0000					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	47	AS Loc:	28	Date:	11/21/12			
Sample ID:	350761602							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.736µg/L	0.736µg/L	0.0061	0.0605	158.9568	0.0064	4.1831	13:42:37
Mean:	0.736µg/L	0.736µg/L	0.0061					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	48	AS Loc:	29	Date:	11/21/12			
Sample ID:	350761605							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.557µg/L	0.557µg/L	0.0046	0.0463	158.9554	0.0049	4.1830	13:44:29
Mean:	0.557µg/L	0.557µg/L	0.0046					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	49	AS Loc:	30	Date:	11/21/12			
Sample ID:	350761613							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.646µg/L	0.646µg/L	0.0054	0.0410	158.9245	0.0057	4.1822	13:46:18
Mean:	0.646µg/L	0.646µg/L	0.0054					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	50	AS Loc:	31	Date:	11/21/12			
Sample ID:	350761615							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.698µg/L	0.698µg/L	0.0058	0.0608	158.9432	0.0061	4.1827	13:48:09
Mean:	0.698µg/L	0.698µg/L	0.0058					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	51	AS Loc:	32	Date:	11/21/12			
Sample ID:	350762201L							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.004µg/L	-0.004µg/L	-0.0000	0.0008	158.9137	0.0003	4.1819	13:49:57
Mean:	-0.004µg/L	-0.004µg/L	-0.0000					
SD:	0.000µg/L	0.000µg/L						

%RSD:

Seq. No.	52	AS Loc:	33	Date:	11/21/12			
Sample ID:	350762201A							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	1.92µg/L	1.92µg/L	0.0159	0.1697	158.9322	0.0162	4.1824	13:51:41
Mean:	1.92µg/L	1.92µg/L	0.0159					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	53	AS Loc:	5	Date:	11/21/12			
Sample ID:	Sample005							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.17µg/L	3.17µg/L	0.0263	0.2751	158.9256	0.0266	4.1823	13:53:29
Mean:	3.17µg/L	3.17µg/L	0.0263					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	54	AS Loc:	1	Date:	11/21/12			
Sample ID:	Sample001							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.012µg/L	-0.012µg/L	-0.0001	0.0013	158.9288	0.0002	4.1823	13:55:17
Mean:	-0.012µg/L	-0.012µg/L	-0.0001					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	55	AS Loc:	5	Date:	11/21/12			
Sample ID:	Sample005							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	5.54µg/L	5.54µg/L	0.0459	0.2967	158.6075	0.0462	4.1739	14:53:09
Mean:	5.54µg/L	5.54µg/L	0.0459					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	56	AS Loc:	1	Date:	11/21/12			
Sample ID:	Sample001							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.007µg/L	0.007µg/L	0.0001	0.0048	158.5961	0.0004	4.1736	14:54:56
Mean:	0.007µg/L	0.007µg/L	0.0001					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	57	AS Loc:	28	Date:	11/21/12			
Sample ID:	350761602							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	1.13µg/L	1.13µg/L	0.0093	0.0642	158.5881	0.0097	4.1734	14:56:44
Mean:	1.13µg/L	1.13µg/L	0.0093					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	58	AS Loc:	29	Date:	11/21/12			
Sample ID:	350761605							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.871µg/L	0.871µg/L	0.0072	0.0498	158.5718	0.0075	4.1729	14:58:34

Mean:	0.871µg/L	0.871µg/L	0.0072					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	59	AS Loc:	30	Date:	11/21/12			
Sample ID:	350761613							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	1.11µg/L	1.11µg/L	0.0092	0.0653	158.5721	0.0095	4.1729	15:00:24
Mean:	1.11µg/L	1.11µg/L	0.0092					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	60	AS Loc:	31	Date:	11/21/12			
Sample ID:	350761615							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	1.13µg/L	1.13µg/L	0.0094	0.0623	158.5614	0.0097	4.1727	15:02:15
Mean:	1.13µg/L	1.13µg/L	0.0094					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	61	AS Loc:	32	Date:	11/21/12			
Sample ID:	350762201L							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.009µg/L	-0.009µg/L	-0.0001	0.0007	158.5718	0.0002	4.1729	15:04:04
Mean:	-0.009µg/L	-0.009µg/L	-0.0001					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	62	AS Loc:	33	Date:	11/21/12			
Sample ID:	350762201A							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.22µg/L	3.22µg/L	0.0267	0.1797	158.5727	0.0270	4.1729	15:05:48
Mean:	3.22µg/L	3.22µg/L	0.0267					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	63	AS Loc:	5	Date:	11/21/12			
Sample ID:	Sample005							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	5.33µg/L	5.33µg/L	0.0442	0.2980	158.5777	0.0445	4.1731	15:07:34
Mean:	5.33µg/L	5.33µg/L	0.0442					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	64	AS Loc:	1	Date:	11/21/12			
Sample ID:	Sample001							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.006µg/L	-0.006µg/L	-0.0001	0.0001	158.5811	0.0003	4.1732	15:09:22
Mean:	-0.006µg/L	-0.006µg/L	-0.0001					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Spectrum Analytical, Inc. Florida Division

Prepared by: JB | Date Prepared: 11/28/12

PREP Batch: 112812A

LCS/MS/SD Spike: MET# 47360 | LCS/MS/SD Spike amount: 0.075 mL

CAL Spike: MET# 48104, 47359 | Pipette(s) Used for Spikes: P6 WC4

Balance ID: Met1 | Glass Beads ID: 33394

Filter Lot #: NA | Thermometer ID: 11873

Dig Tube: 1205258 | Water Bath Temperature: 95 °C

Reagents: PM#

$KMnO_4$	48211
$K_2S_2O_8$	NA
HCl	47790
HNO_3	47359
H_2SO_4	NA
Hydrox.	47527
Carrier	48721
Reductant	48722

Methods: Water 7470/7470A Soil 7471A/7471B | Start time: 10:14 | Stop time: 10:44

	Tube#	Container #	Sample ID	ID	Weight (g) or Volume (mL) 3 Sig Fig	Final volume (mL)	7471 Comment or Notification:	Pilot Batch #: 11682
	8		BLK 112812A	BLK	.254	25.0 mL		Pilot # 155043
	9		LCS	LCS	.259			Pilot # 44
	10		LCSD	LCSD	.252			Pilot # 45
1	11	1	3507618 01		.263		IV 11/28	
1	12	1		MS	.316			Pilot # 49
1	13	1		SD	.285			Pilot # 50
2		2	02		.278			
3		2	13		.276			
4		2	18		.281			
5		1	19		.321			
6		1	3507620 02		.259		IV 11/28	
7		1	03		.316			
8		1	04		.254			
9		1	05		.266			
10		1	06		.290			
11		1	07		.280			
12		1	08		.286			
13		2	12		.316			
14		1	15		.274			
15		1	16		.280			
16		1	17		.287			
17		1	18		.267			
18		1	3507616 10		.284		IV 11/28	
19								
20			JB 11/28/12					

AS Pos #	Calibration Standards			
1	CAL BLANK			
2	CS1	0.200 ug/L	50.0 uL	MET# 48104
3	CS2	0.500 ug/L	125 uL	MET# ↓
4	CS3	1.00 ug/L	25.0 uL	MET# 47359
5	CS4	5.00 ug/L	125 uL	MET# 47359
6	CS5	10.0 ug/L	250 uL	MET# ↓
7	ICV	3.00 ug/L	75.0 uL	MET# 47360

==========

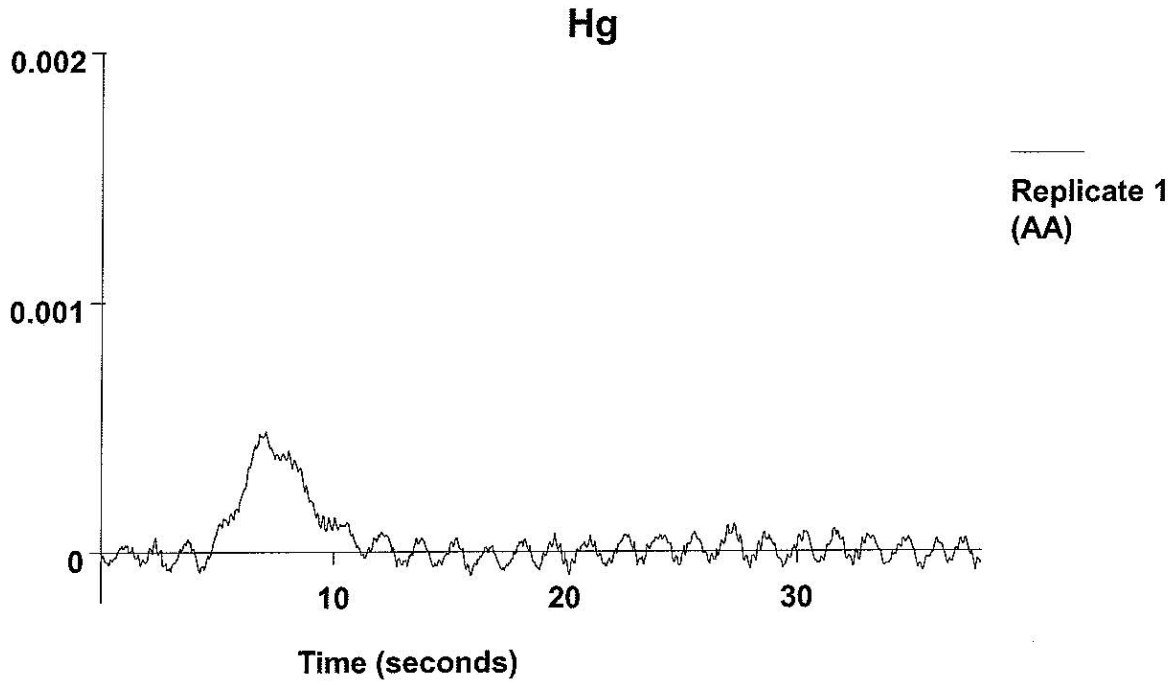
Method Name: Non-CLP Hg
Method Description: Hg 7470/7471
Element: Hg

Date: 11/28/2012
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: 112812A.SIF Results Data Set Name: 112812A

==========

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 11/28/2012
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0005	0.0015	0.0005	12:47:21	Yes

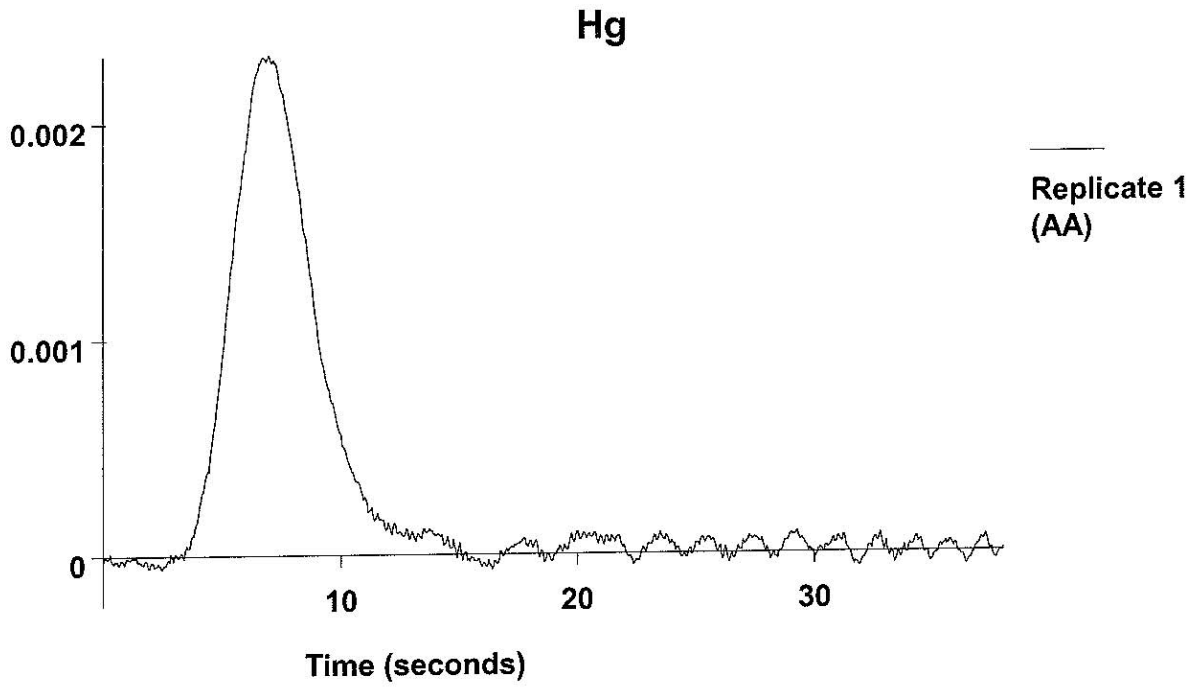


Auto-zero performed.

==========

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 11/28/2012
Sample ID: CS1

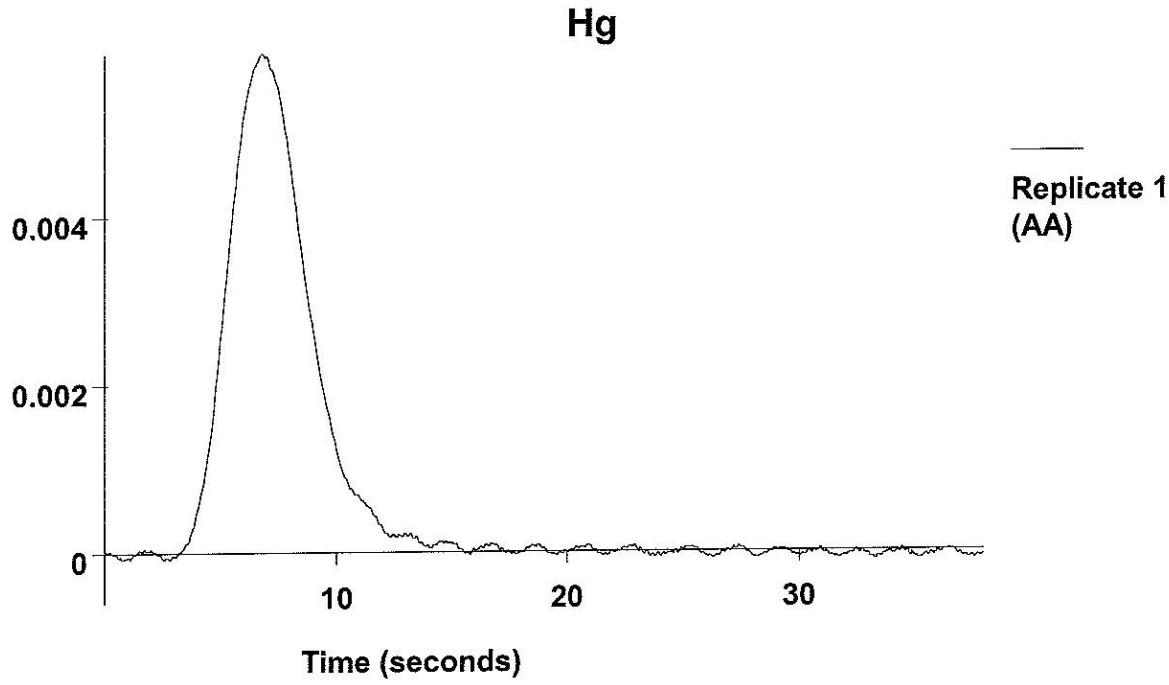
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0019	0.0098	0.0023	12:49:07	Yes



[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.00927

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 11/28/2012
Sample ID: CS2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0054	0.0235	0.0059	12:50:55	Yes

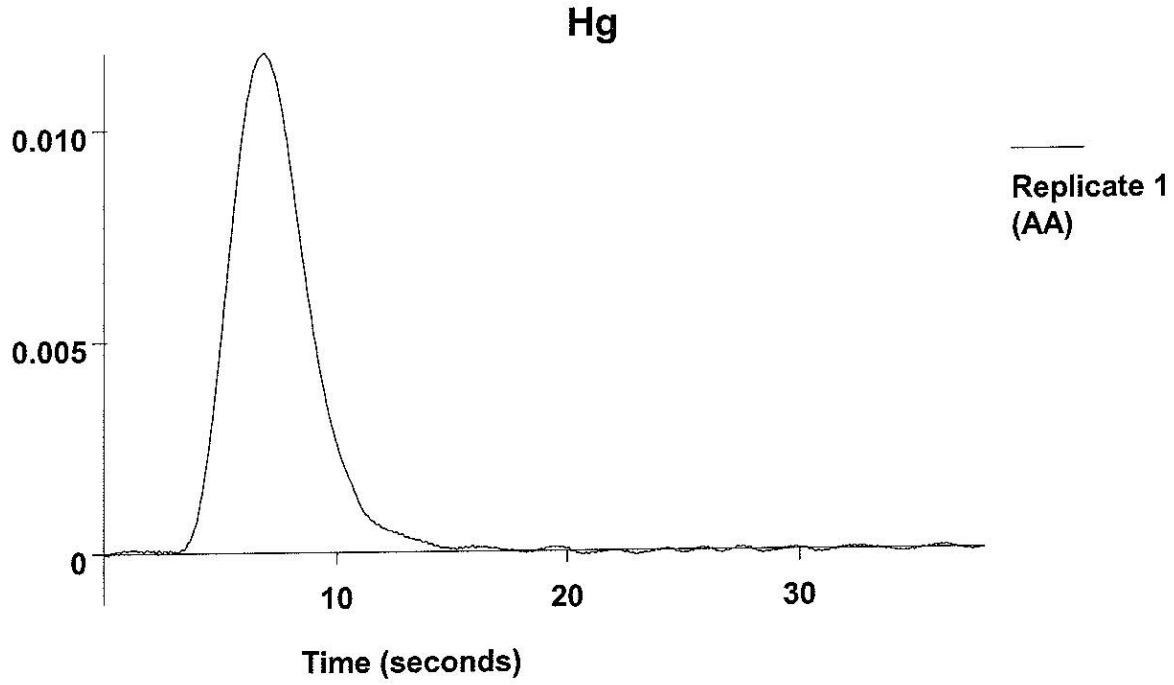


[Hg] Standard number 2 applied. [0.500]

Correlation Coefficient: 0.99157 Slope: 0.01066

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 11/28/2012
Sample ID: CS3

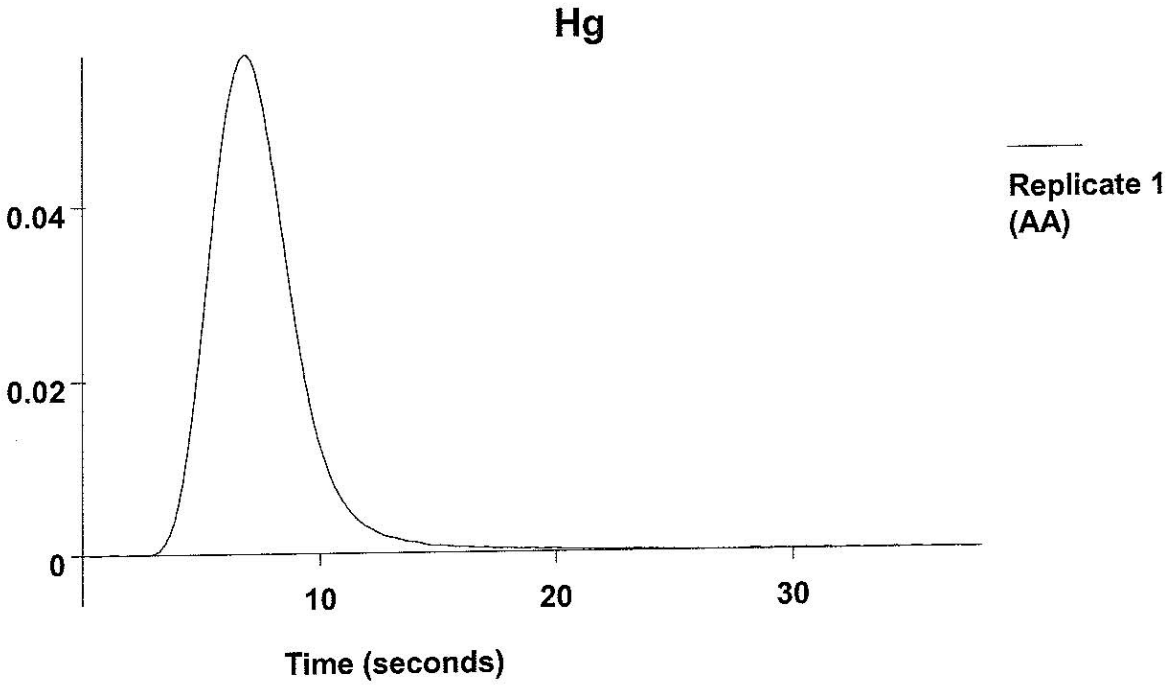
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0113	0.0470	0.0117	12:52:43	Yes



[Hg] Standard number 3 applied. [1.00]
Correlation Coefficient: 0.99786 Slope: 0.01113

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 11/28/2012
Sample ID: CS4

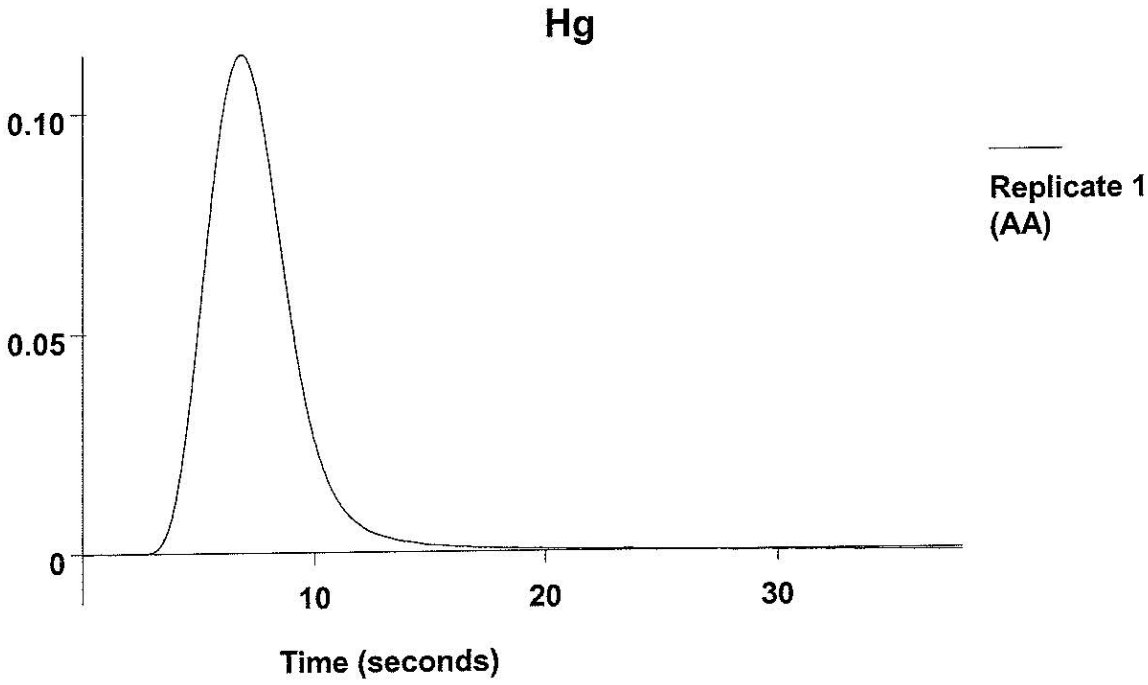
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0565	0.2364	0.0570	12:54:32	Yes



[Hg] Standard number 4 applied. [5.00]
Correlation Coefficient: 0.99994 Slope: 0.01129

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 11/28/2012
Sample ID: CS5

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1119	0.4710	0.1124	12:56:22	Yes

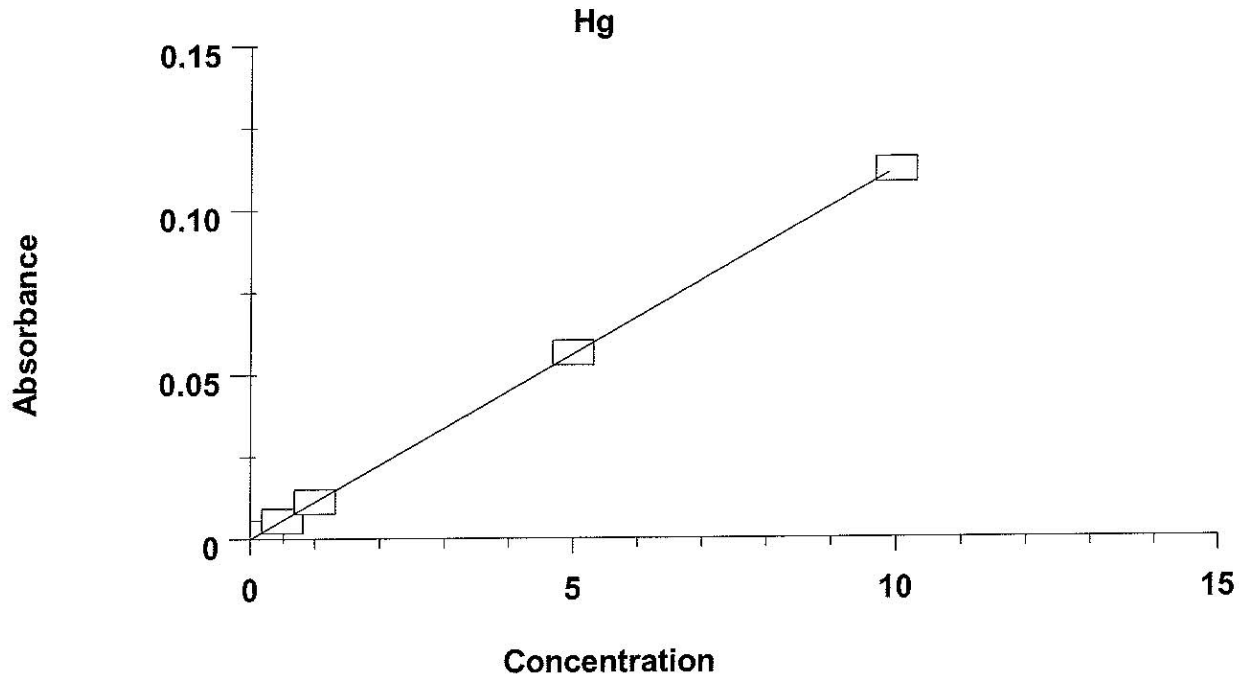


[Hg] Standard number 5 applied. [10.0]

Correlation Coefficient: 0.99998 Slope: 0.01122

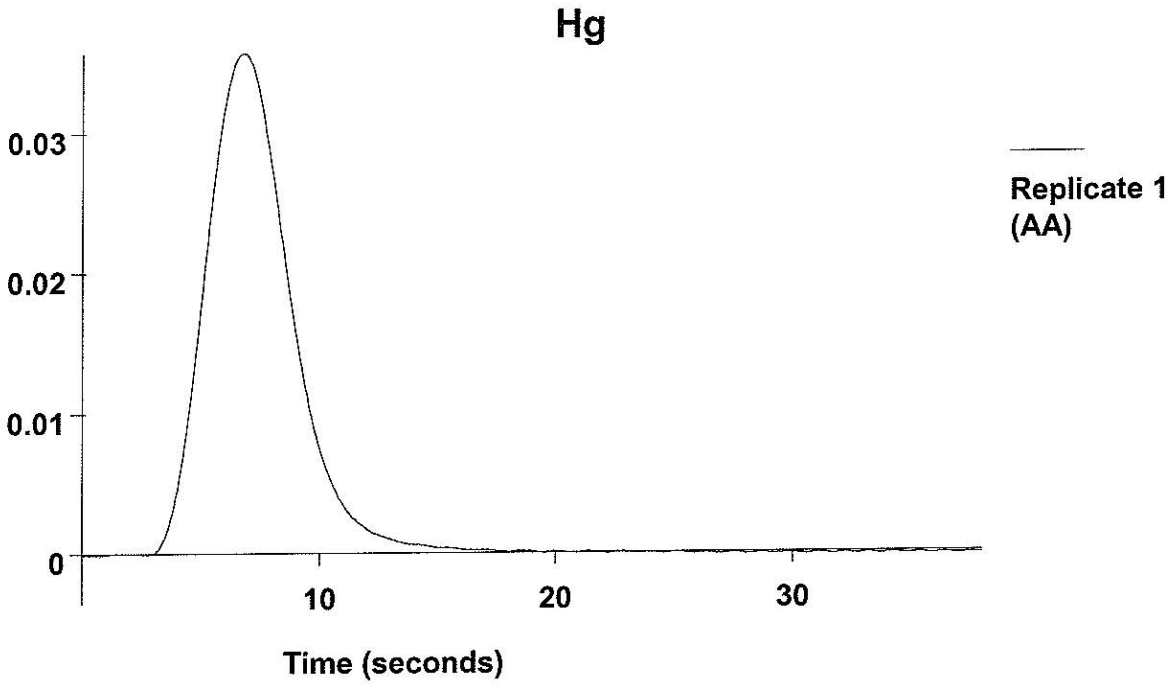
Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0005	---	----	----	----
CS1	0.0019	0.200	0.165	----	----
CS2	0.0054	0.500	0.484	----	----
CS3	0.0113	1.000	1.00	----	----
CS4	0.0565	5.000	5.04	----	----
CS5	0.1119	10.000	9.98	----	----
Correlation Coefficient: 0.99998		Slope:	0.01122	----	



Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 11/28/2012
Sample ID: ICV

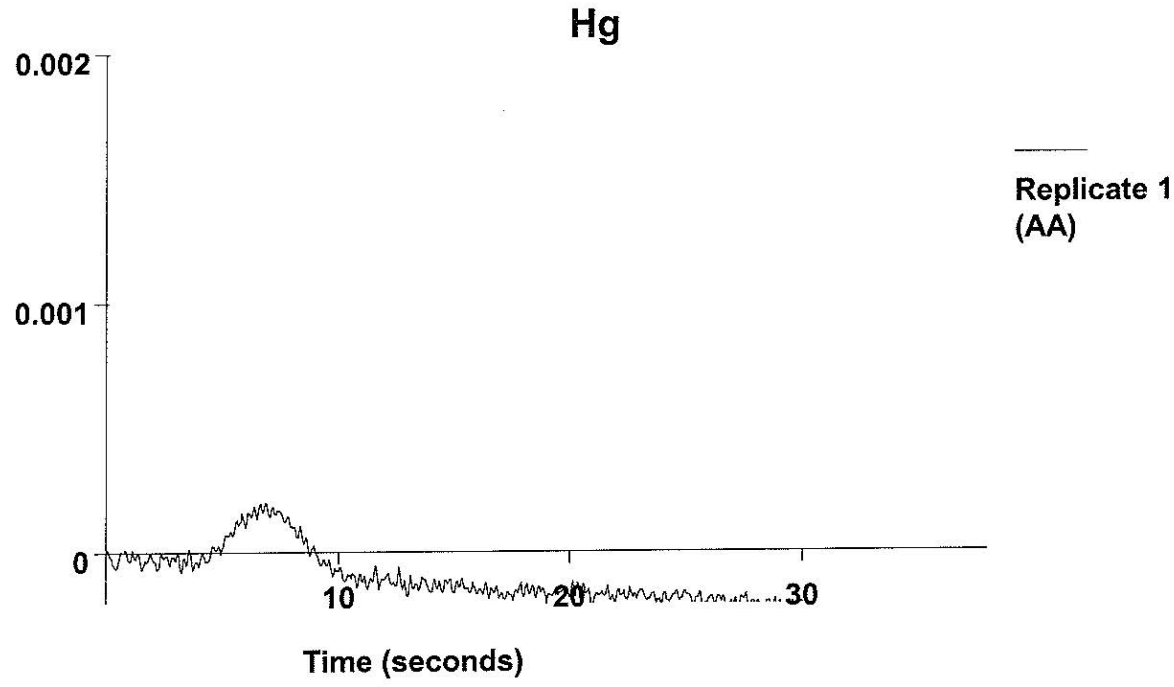
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.13	3.13	0.0351	0.1459	0.0355	1 12:58:18	Yes



QC value within specified limits.

Element: Hg Seq. No.: 8 AS Loc.: 1 Date: 11/28/2012
Sample ID: ICB

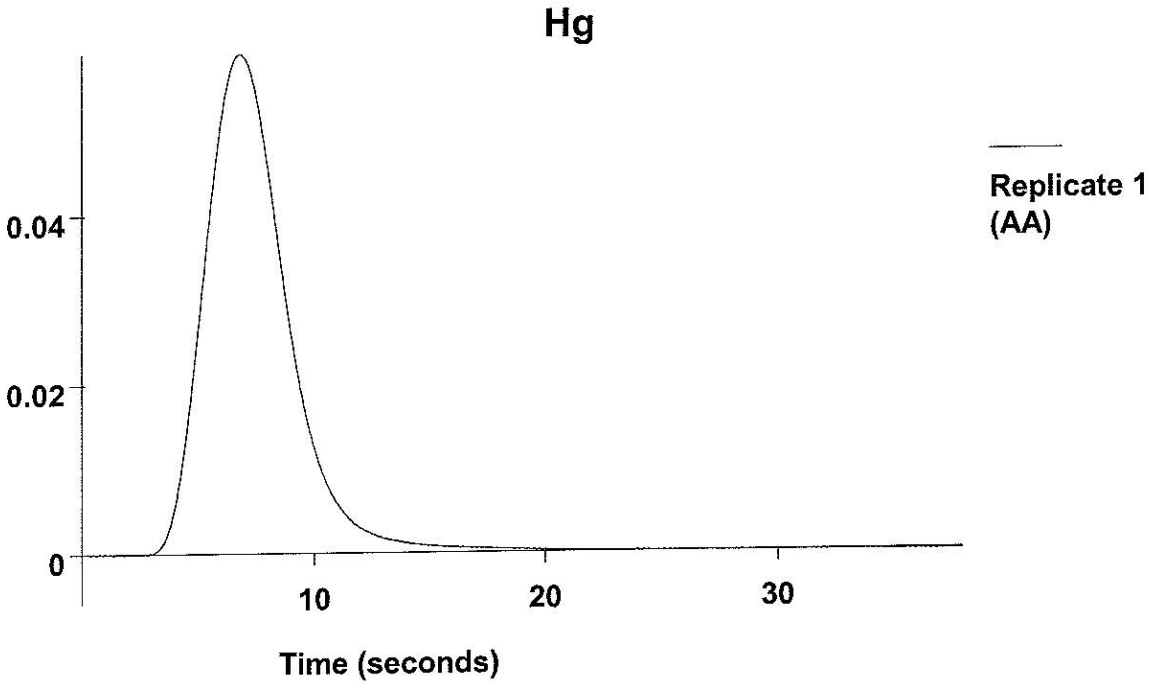
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.023	-0.023	-0.0003	-0.0052	0.0002	1 01:00:06	Yes



QC value within specified limits.

Element: Hg Seq. No.: 9 AS Loc.: 5 Date: 11/28/2012
Sample ID: CCV

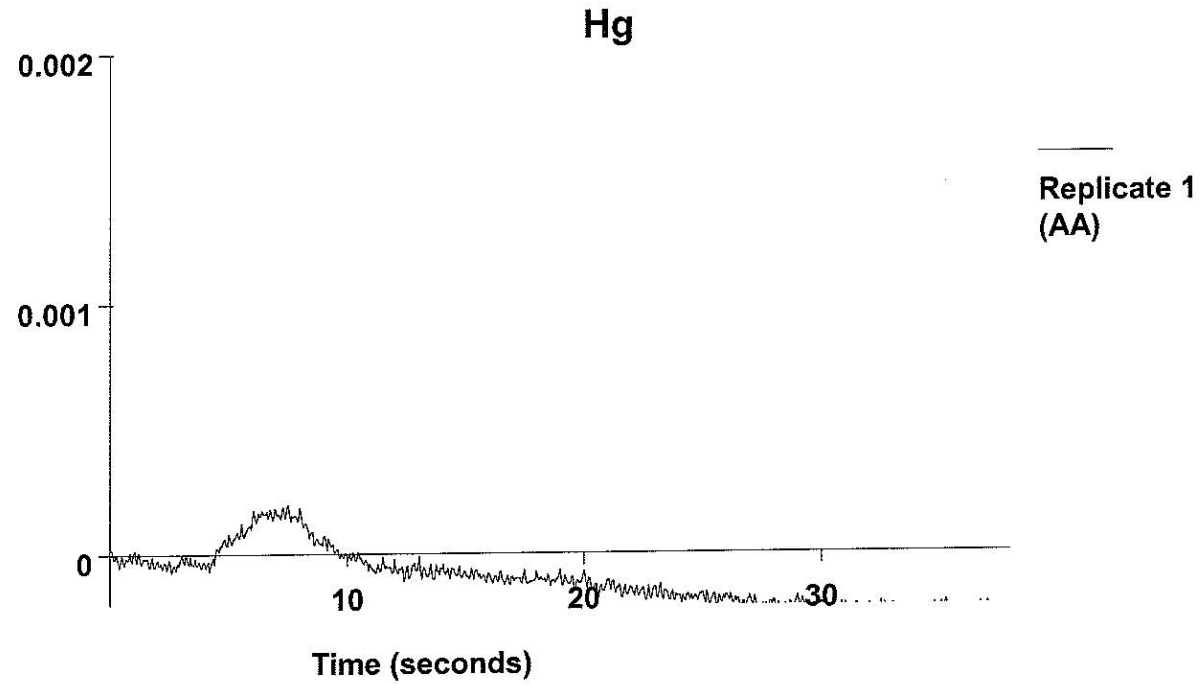
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.19	5.19	0.0582	0.2406	0.0587	1 01:01:52	Yes



QC value within specified limits.

Element: Hg Seq. No.: 10 AS Loc.: 1 Date: 11/28/2012
Sample ID: CCB

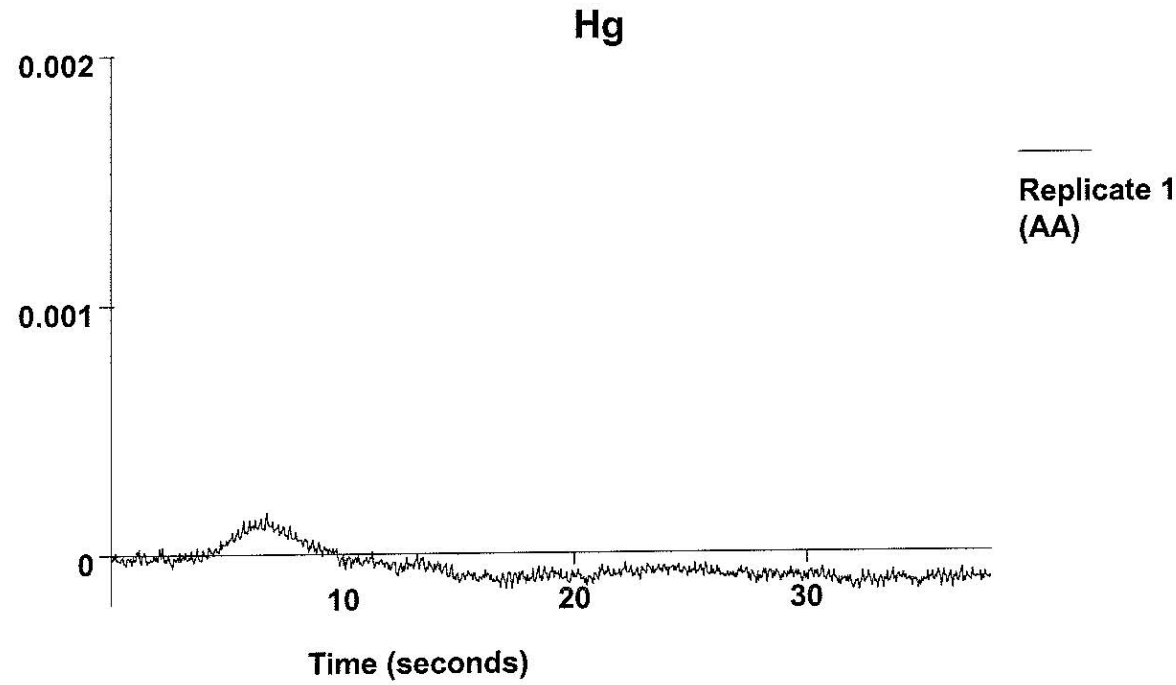
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0003	-0.0041	0.0002	1 01:03:40	Yes



QC value within specified limits.

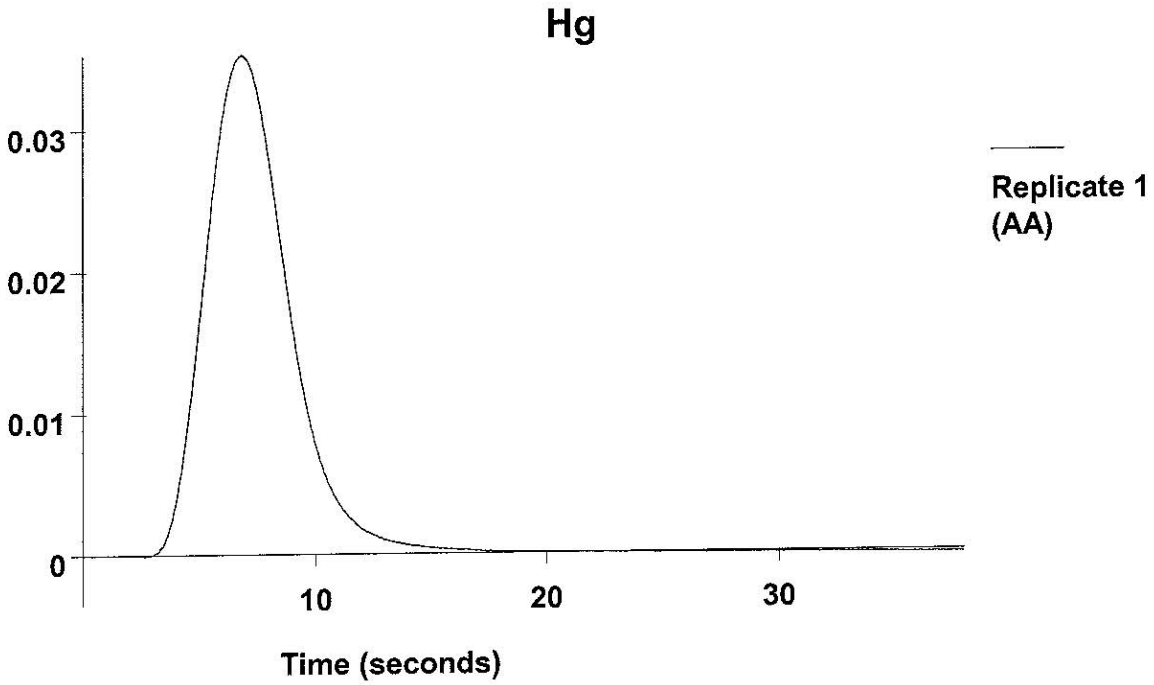
Element: Hg Seq. No.: 11 AS Loc.: 8 Date: 11/28/2012
Sample ID: 155043MB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0003	-0.0021	0.0001	1 01:05:29	Yes



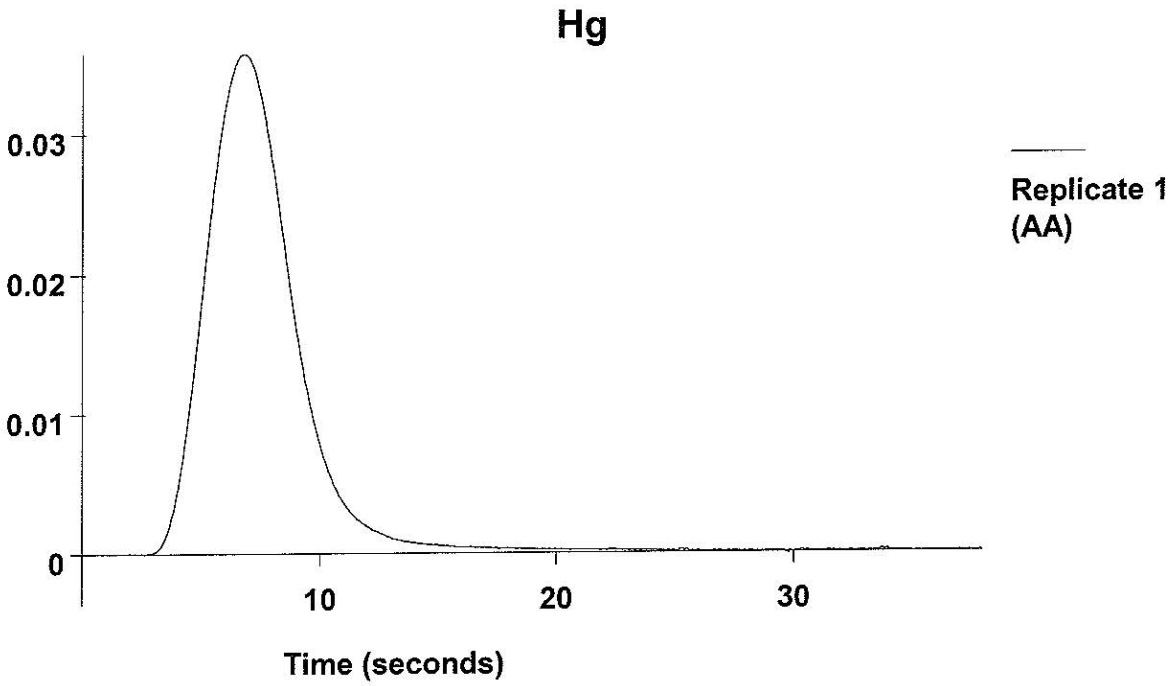
Element: Hg Seq. No.: 12 AS Loc.: 9 Date: 11/28/2012
Sample ID: 155044LCS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.08	3.08	0.0346	0.1437	0.0350	1 01:07:18	Yes



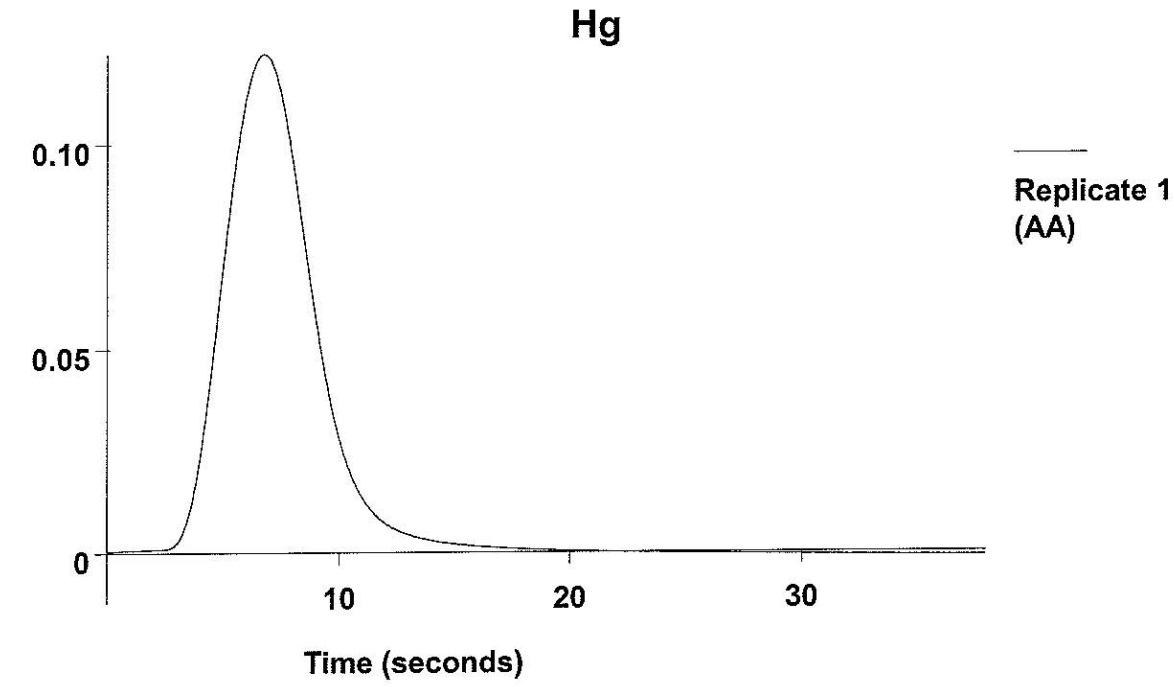
Element: Hg Seq. No.: 13 AS Loc.: 10 Date: 11/28/2012
Sample ID: 155045LCSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.13	3.13	0.0351	0.1524	0.0356	1 01:09:03	Yes



Element: Hg Seq. No.: 14 AS Loc.: 11 Date: 11/28/2012
Sample ID: 350761801

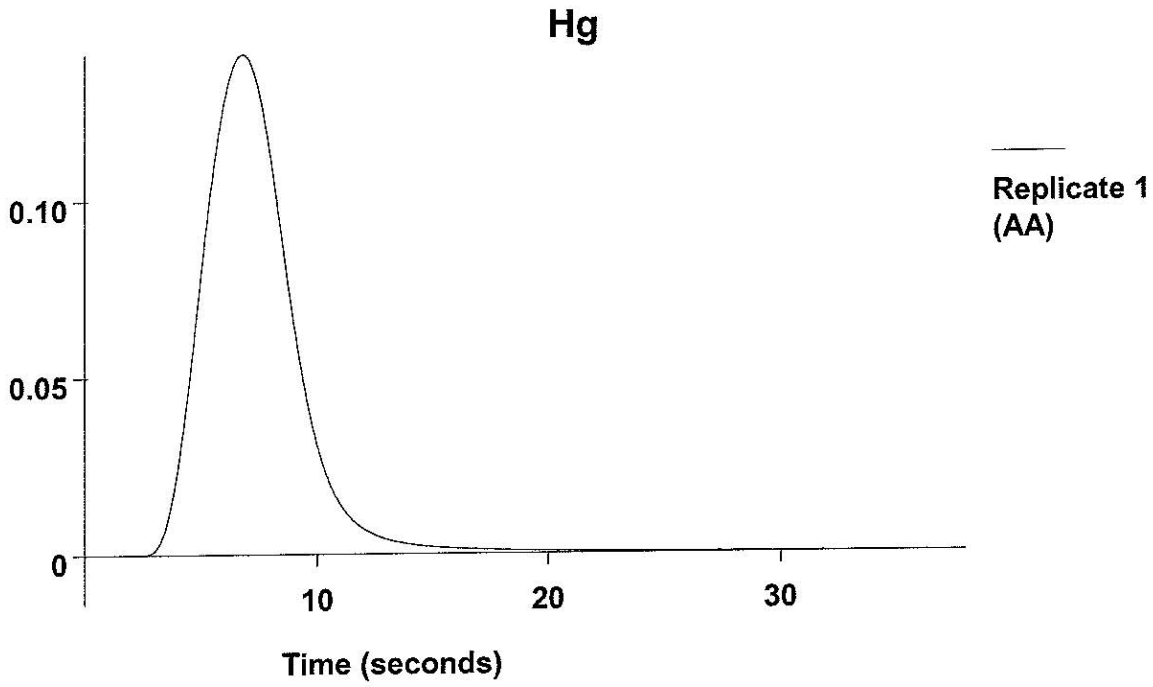
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.8	10.8	0.1209	0.5356	0.1214	1 01:10:50	Yes



Element: Hg Seq. No.: 15 AS Loc.: 12 Date: 11/28/2012

Sample ID: 155049MS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	12.5	12.5	0.1400	0.6187	0.1405	1 01:12:38	Yes

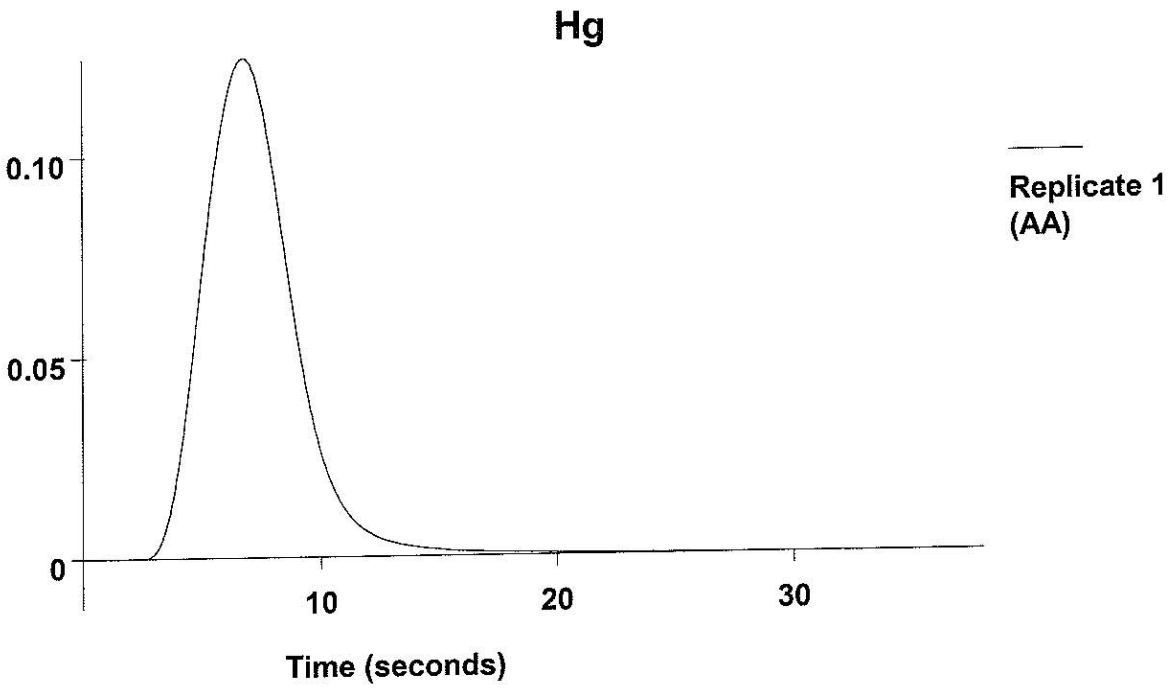


Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 16 AS Loc.: 13 Date: 11/28/2012

Sample ID: 155050MSD

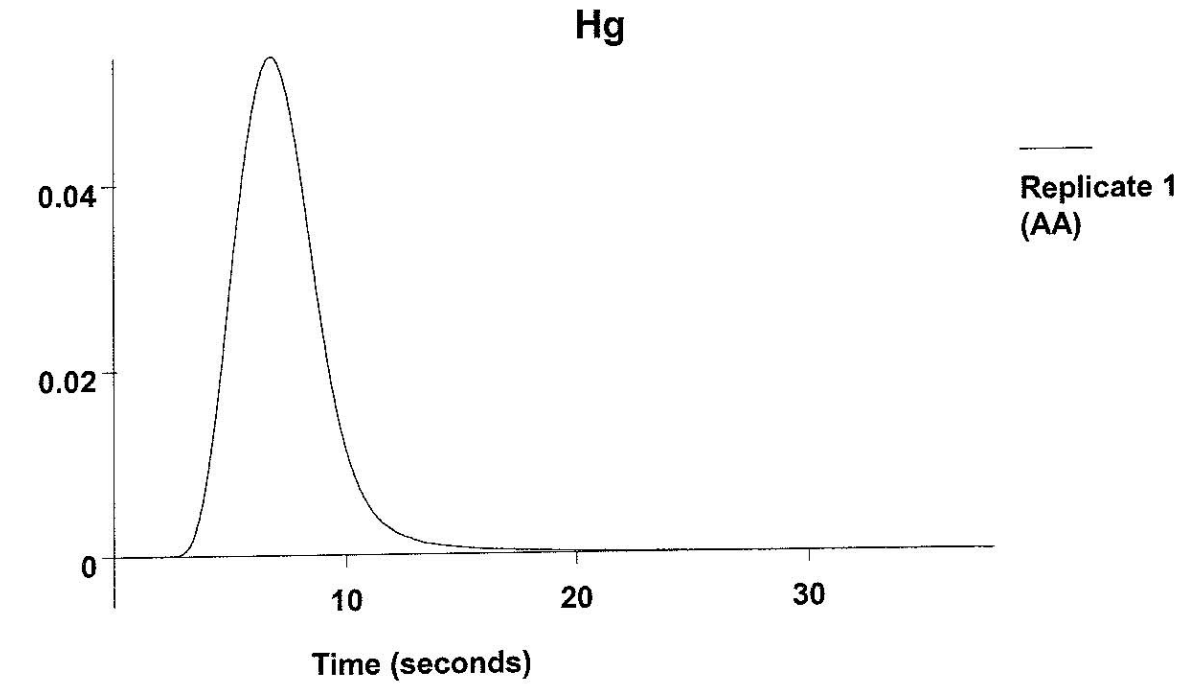
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	11.0	11.0	0.1232	0.5364	0.1237	1 01:14:26	Yes



Sample absorbance is greater than that of the highest standard.

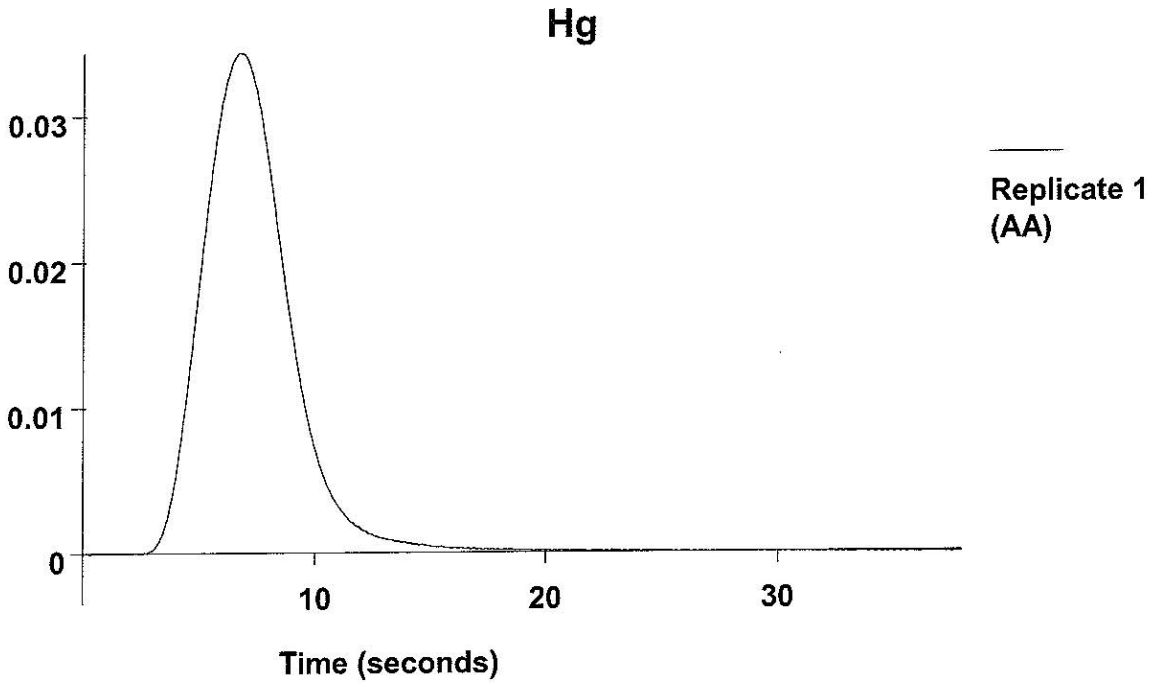
Element: Hg Seq. No.: 17 AS Loc.: 14 Date: 11/28/2012
Sample ID: 350761802

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.72	4.72	0.0530	0.2288	0.0534	1 01:16:18	Yes



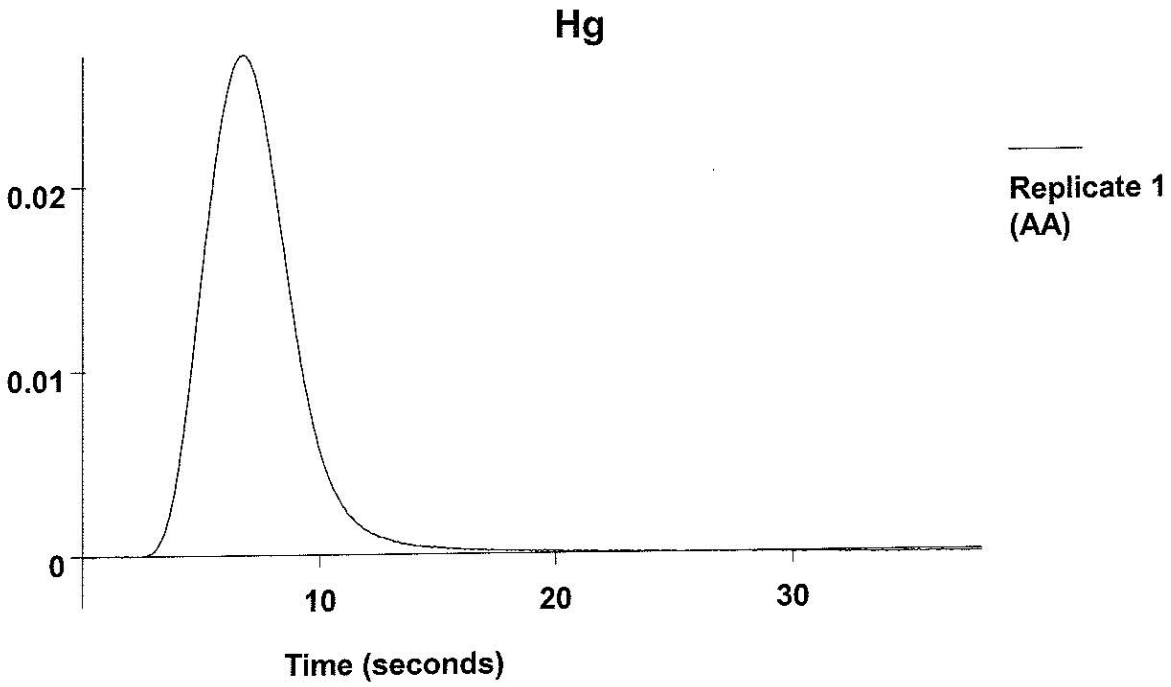
Element: Hg Seq. No.: 18 AS Loc.: 15 Date: 11/28/2012
Sample ID: 350761813

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.00	3.00	0.0337	0.1457	0.0341	1 01:18:09	Yes



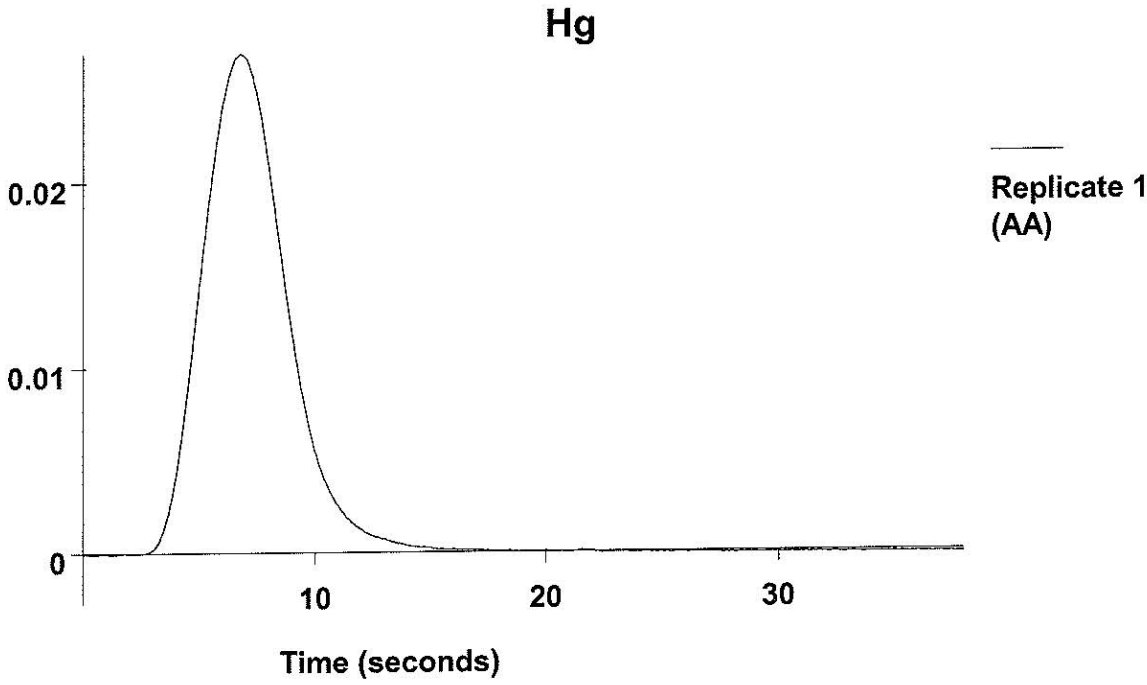
Element: Hg Seq. No.: 19 AS Loc.: 16 Date: 11/28/2012
Sample ID: 350761818

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.36	2.36	0.0265	0.1151	0.0269	1 01:20:00	Yes



Element: Hg Seq. No.: 20 AS Loc.: 17 Date: 11/28/2012
Sample ID: 350761819

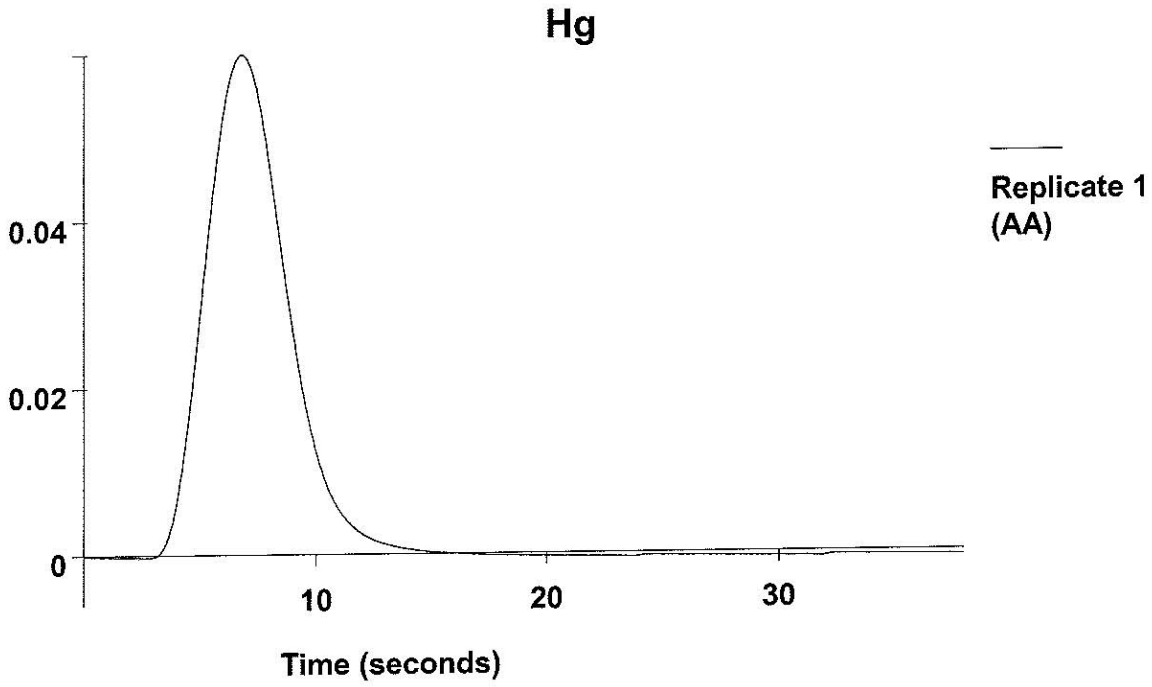
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.34	2.34	0.0263	0.1117	0.0267	1 01:21:49	Yes



Element: Hg Seq. No.: 21 AS Loc.: 5 Date: 11/28/2012

Sample ID: CCV

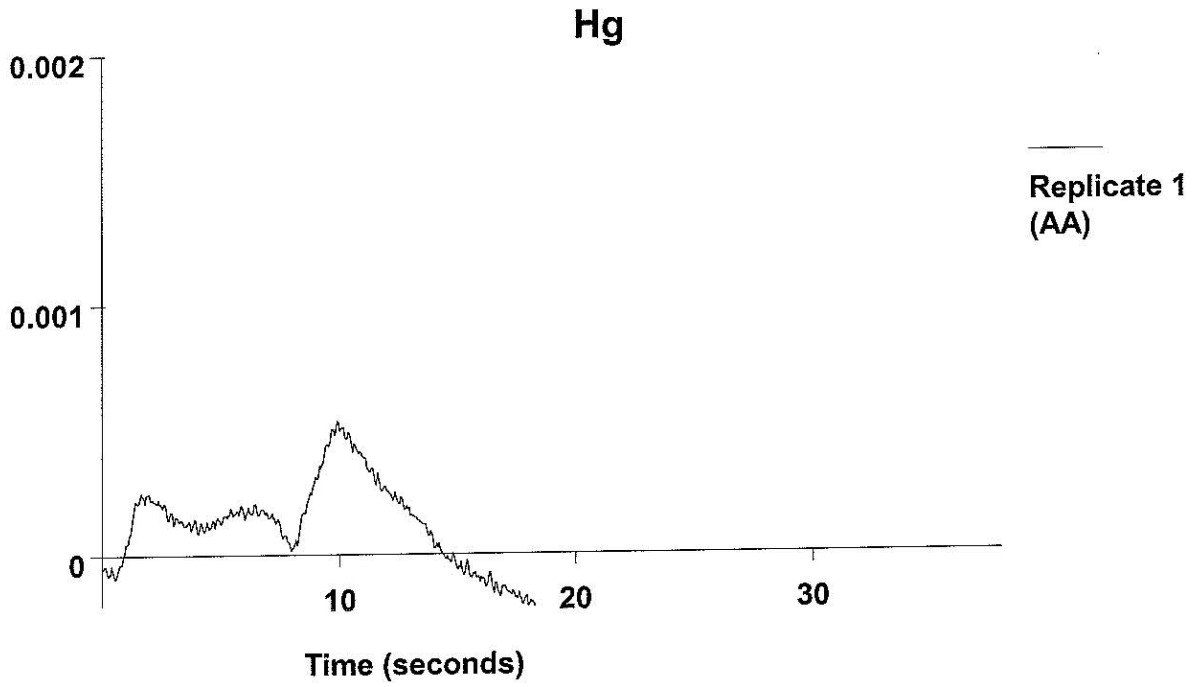
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height		Time	Peak Stored
1	5.26	5.26	0.0590	0.2307	0.0595	1	01:23:37	Yes



QC value within specified limits.

Element: Hg Seq. No.: 22 AS Loc.: 1 Date: 11/28/2012
Sample ID: CCB

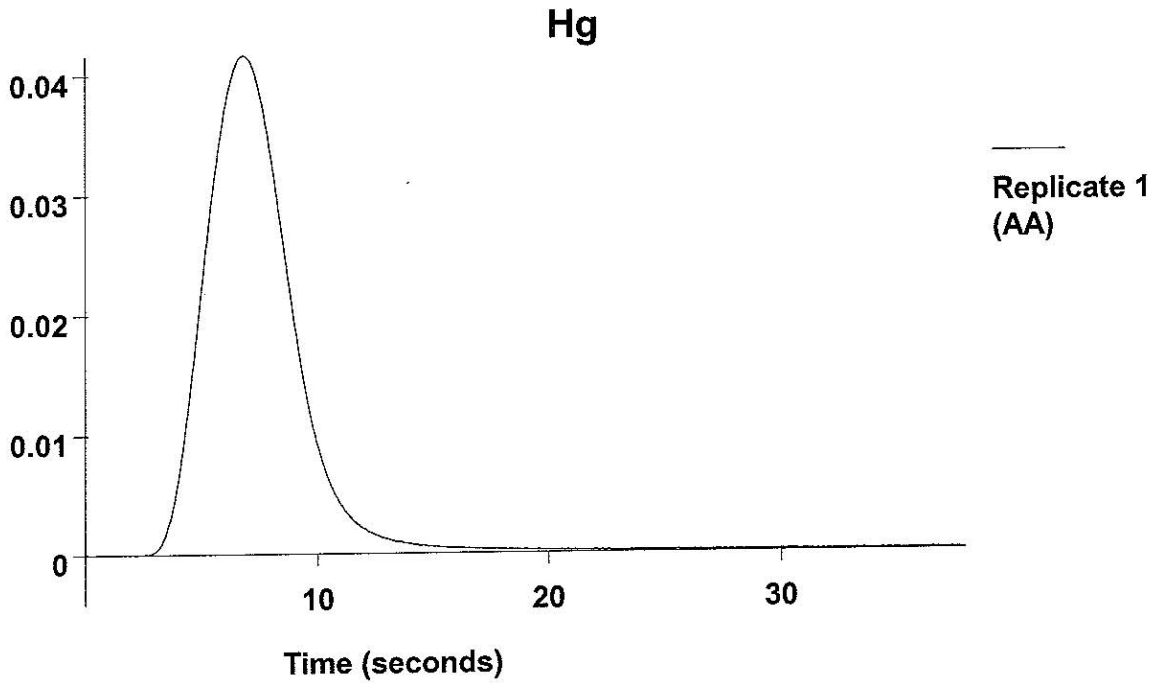
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height		Time	Peak Stored
1	0.004	0.004	0.0000	-0.0075	0.0005	1	01:25:24	Yes



QC value within specified limits.

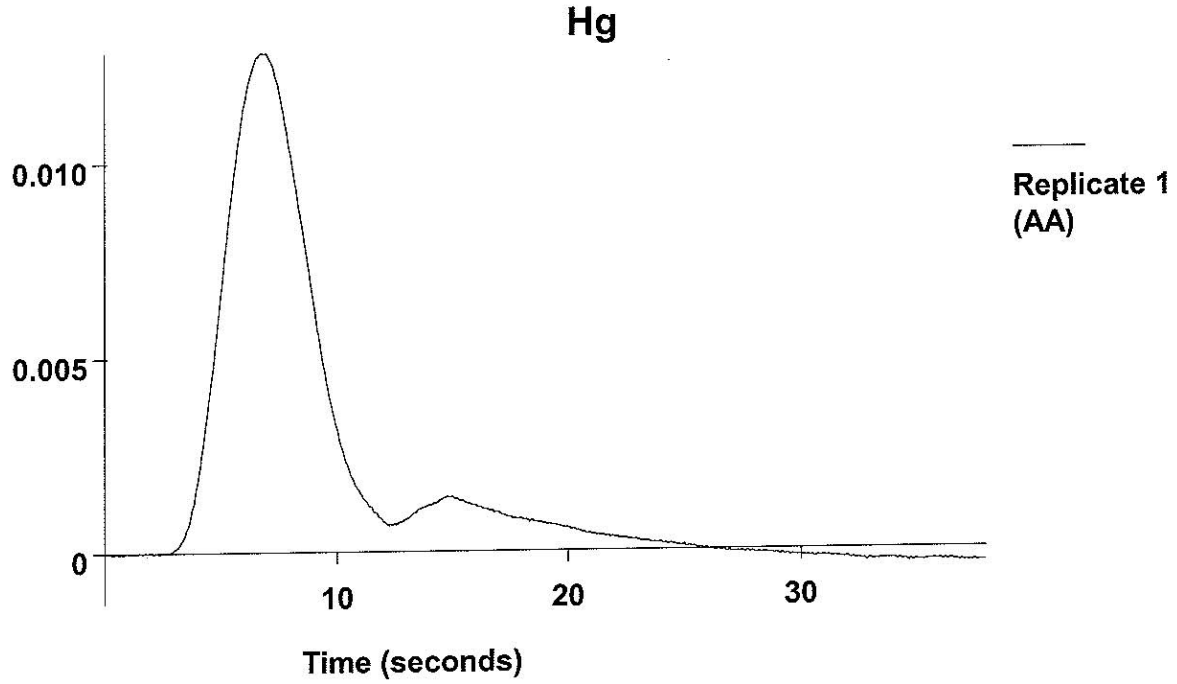
Element: Hg Seq. No.: 23 AS Loc.: 18 Date: 11/28/2012
Sample ID: 350762002

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.65	3.65	0.0409	0.1810	0.0414	1 01:27:09	Yes



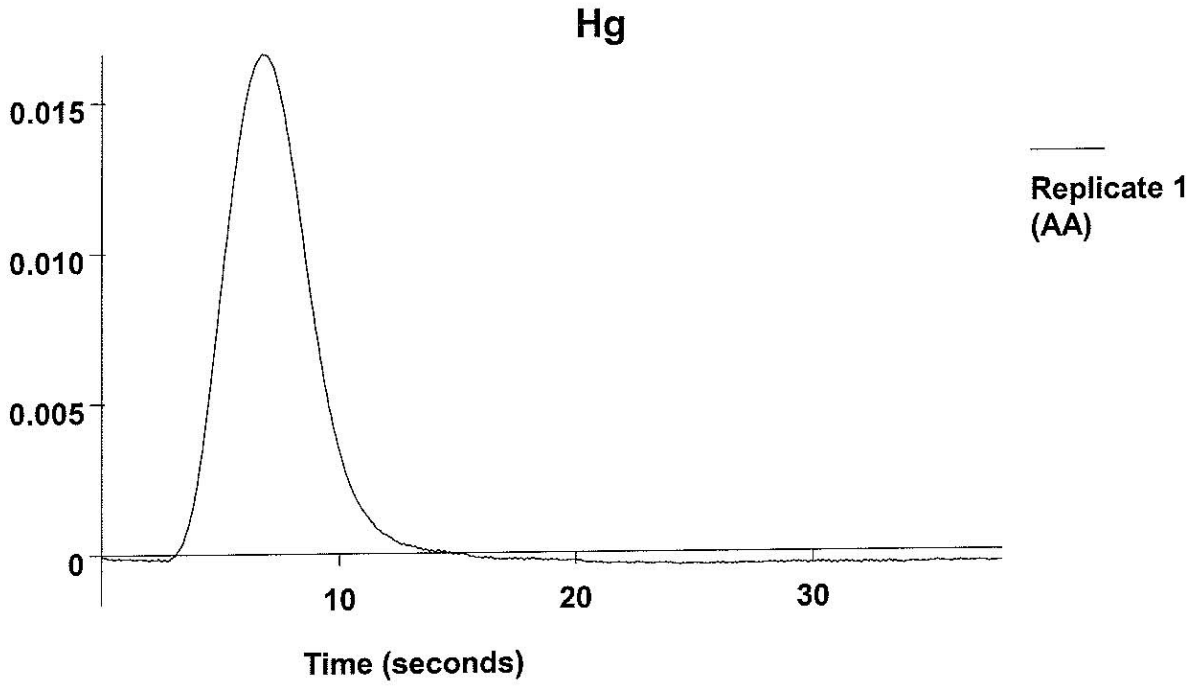
Element: Hg Seq. No.: 24 AS Loc.: 19 Date: 11/28/2012
Sample ID: 350762003

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.10	1.10	0.0123	0.0611	0.0128	1 01:28:55	Yes



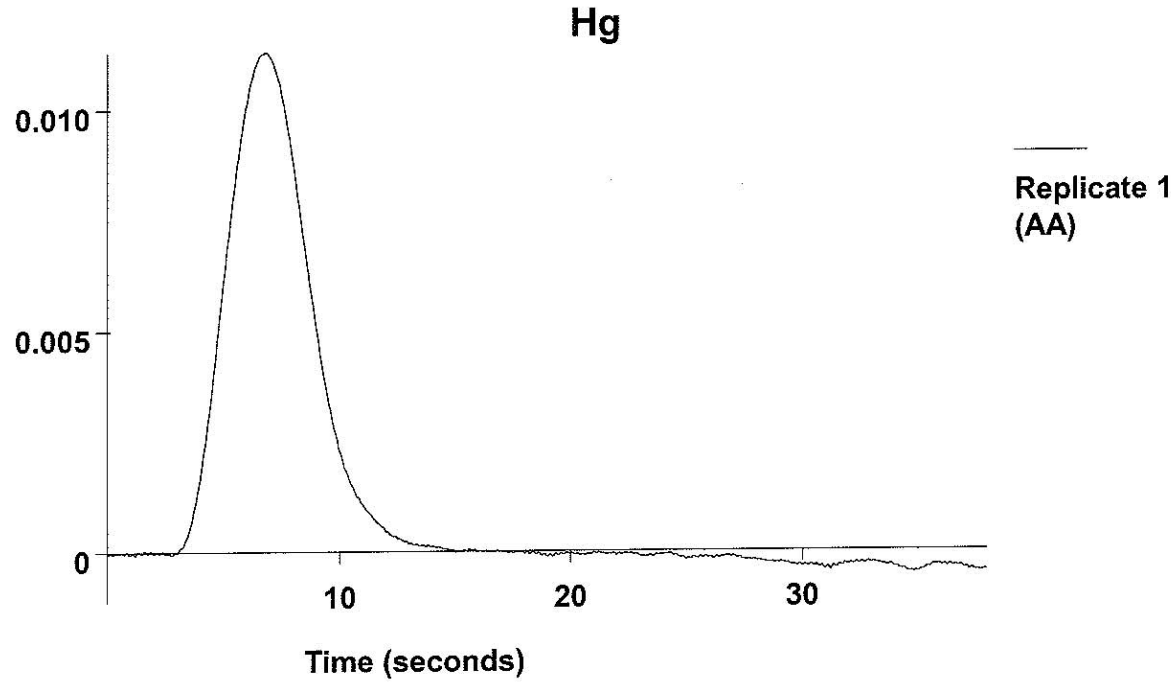
Element: Hg Seq. No.: 25 AS Loc.: 20 Date: 11/28/2012
Sample ID: 350762004

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.43	1.43	0.0160	0.0599	0.0165	1 01:30:41	Yes



Element: Hg Seq. No.: 26 AS Loc.: 21 Date: 11/28/2012
Sample ID: 350762005

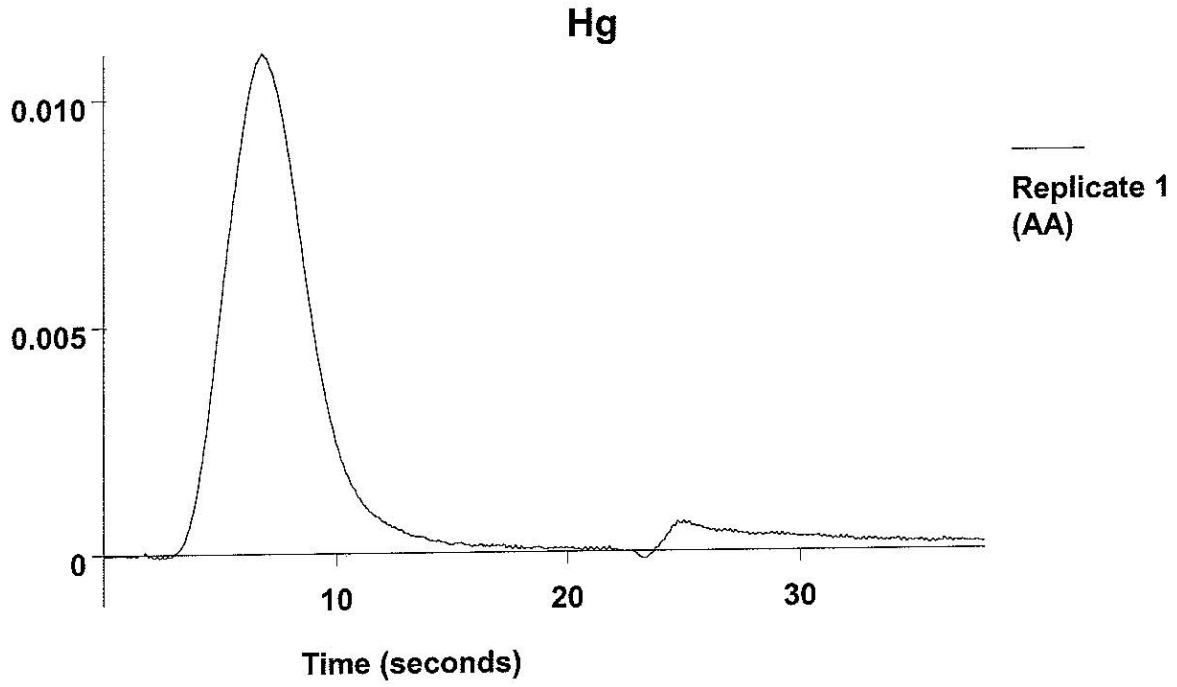
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.959	0.959	0.0108	0.0423	0.0112	1 01:32:28	Yes



Element: Hg Seq. No.: 27 AS Loc.: 22 Date: 11/28/2012

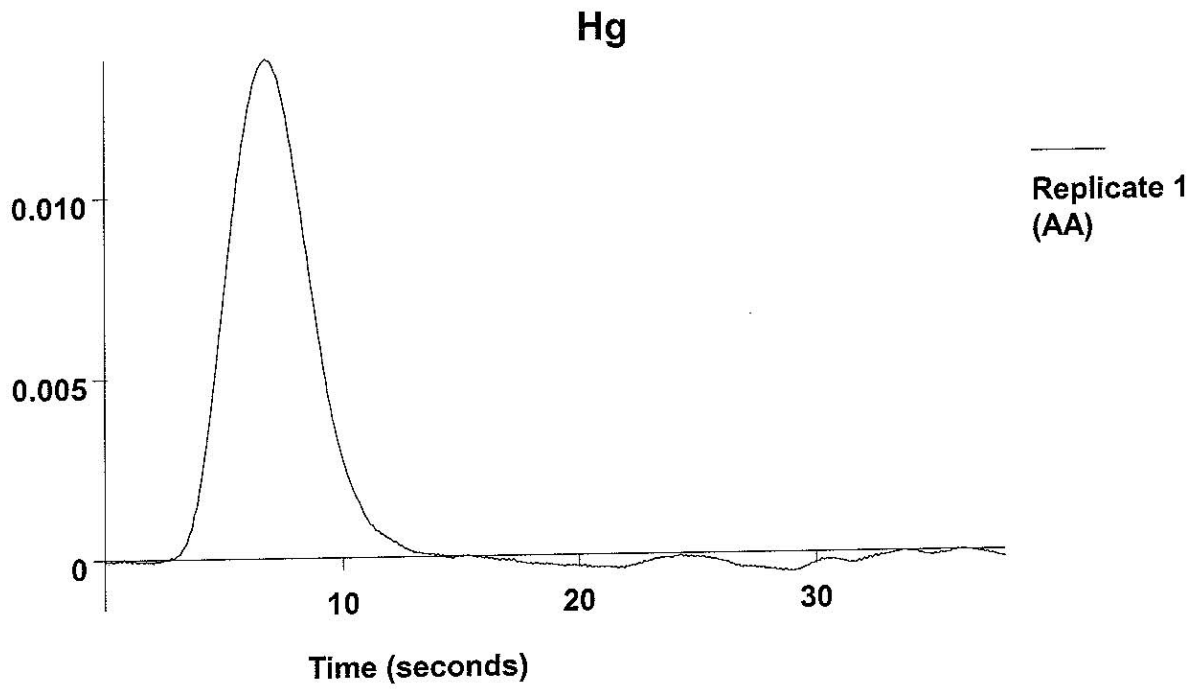
Sample ID: 350762006

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.926	0.926	0.0104	0.0504	0.0108	1 01:34:14	Yes



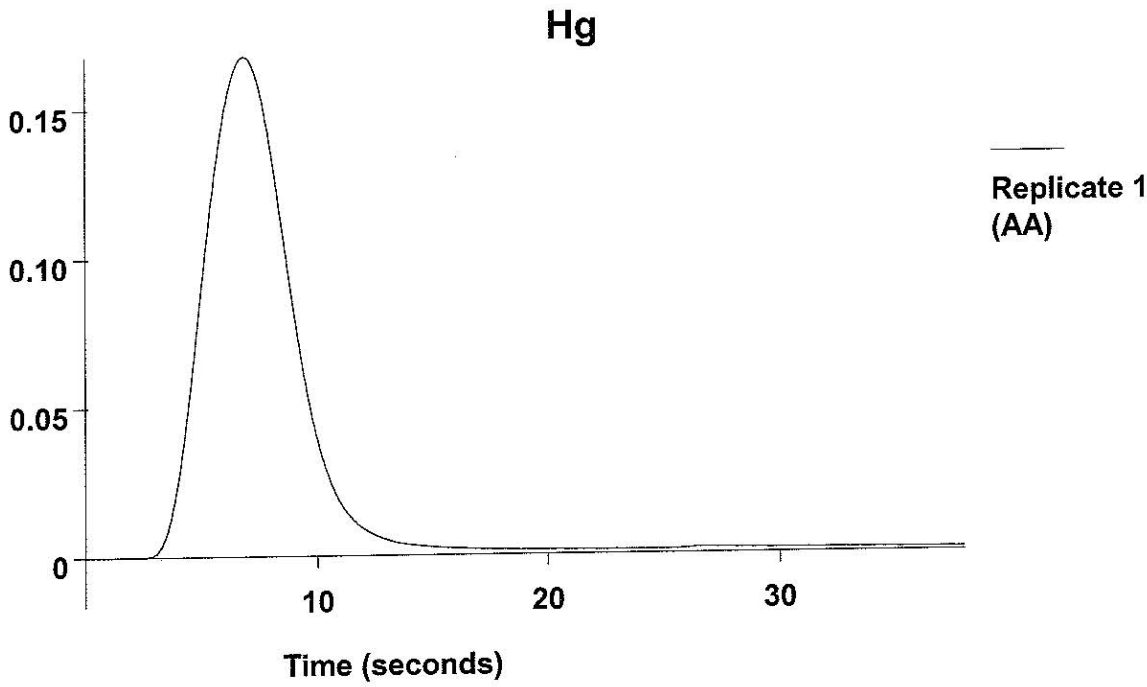
Element: Hg Seq. No.: 28 AS Loc.: 23 Date: 11/28/2012
Sample ID: 350762007

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.18	1.18	0.0132	0.0517	0.0137	1 01:36:00	Yes



Element: Hg Seq. No.: 29 AS Loc.: 24 Date: 11/28/2012
Sample ID: 350762008

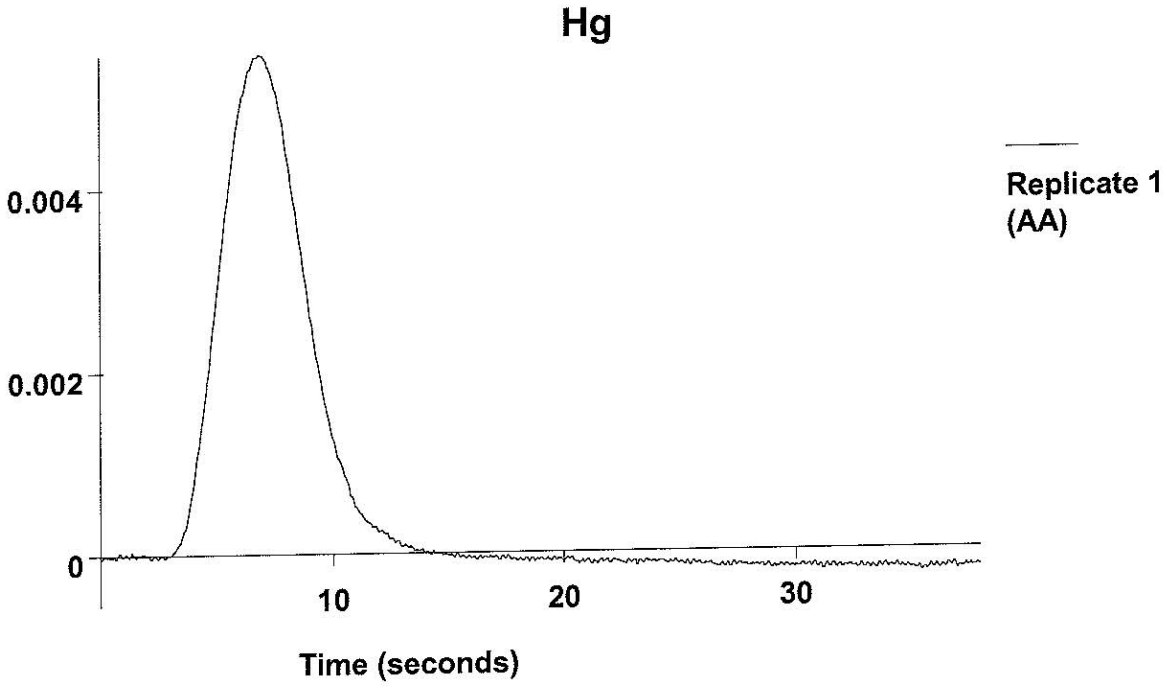
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	14.8	14.8	0.1660	0.7607	0.1665	1 01:37:48	Yes



Sample absorbance is greater than that of the highest standard.

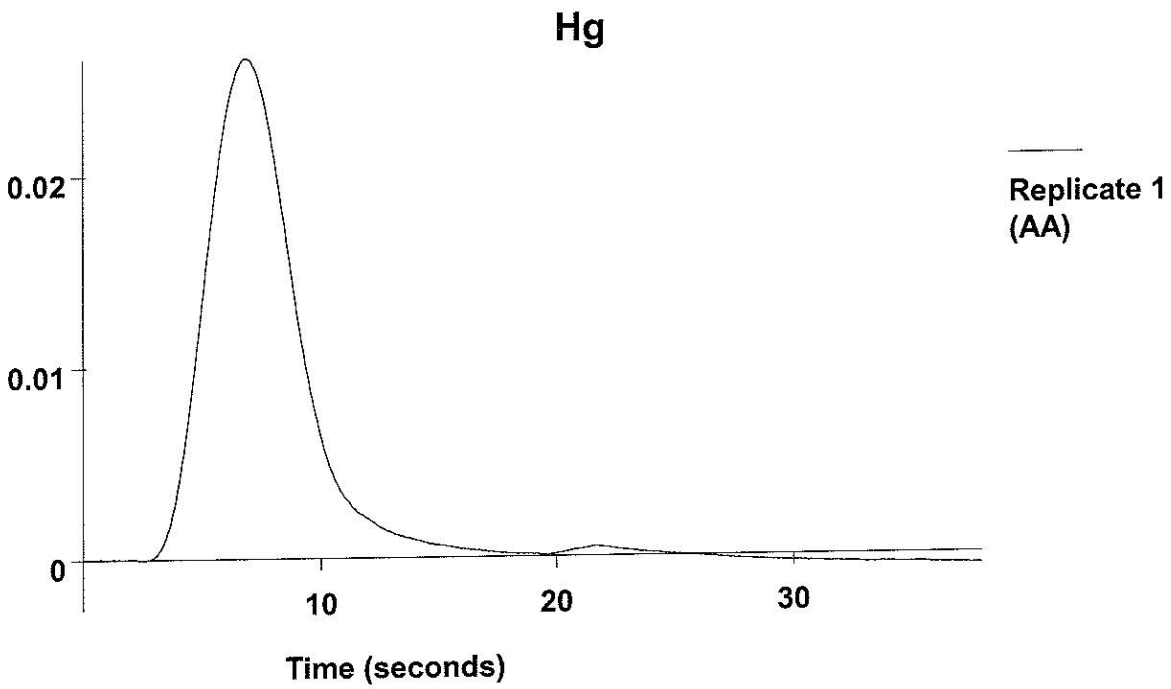
Element: Hg Seq. No.: 30 AS Loc.: 25 Date: 11/28/2012
Sample ID: 350762012

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.444	0.444	0.0050	0.0197	0.0054	1 01:39:37	Yes



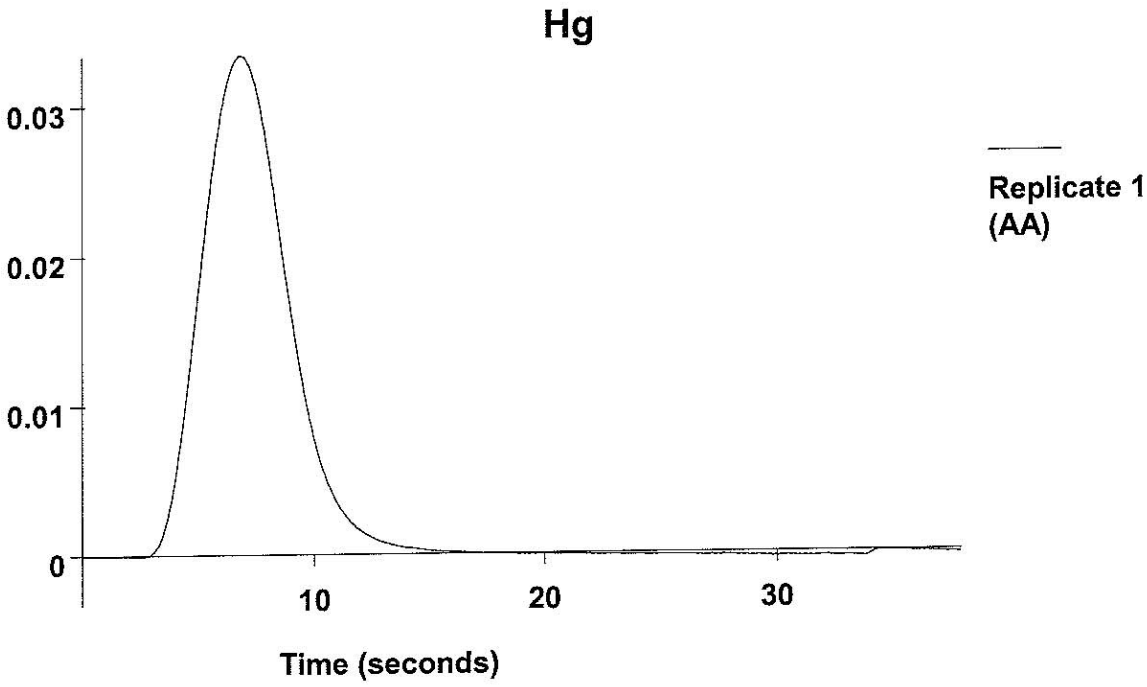
Element: Hg Seq. No.: 31 AS Loc.: 26 Date: 11/28/2012
Sample ID: 350762015

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.27	2.27	0.0255	0.1127	0.0259	1 01:41:25	Yes



Element: Hg Seq. No.: 32 AS Loc.: 27 Date: 11/28/2012
Sample ID: 350762016

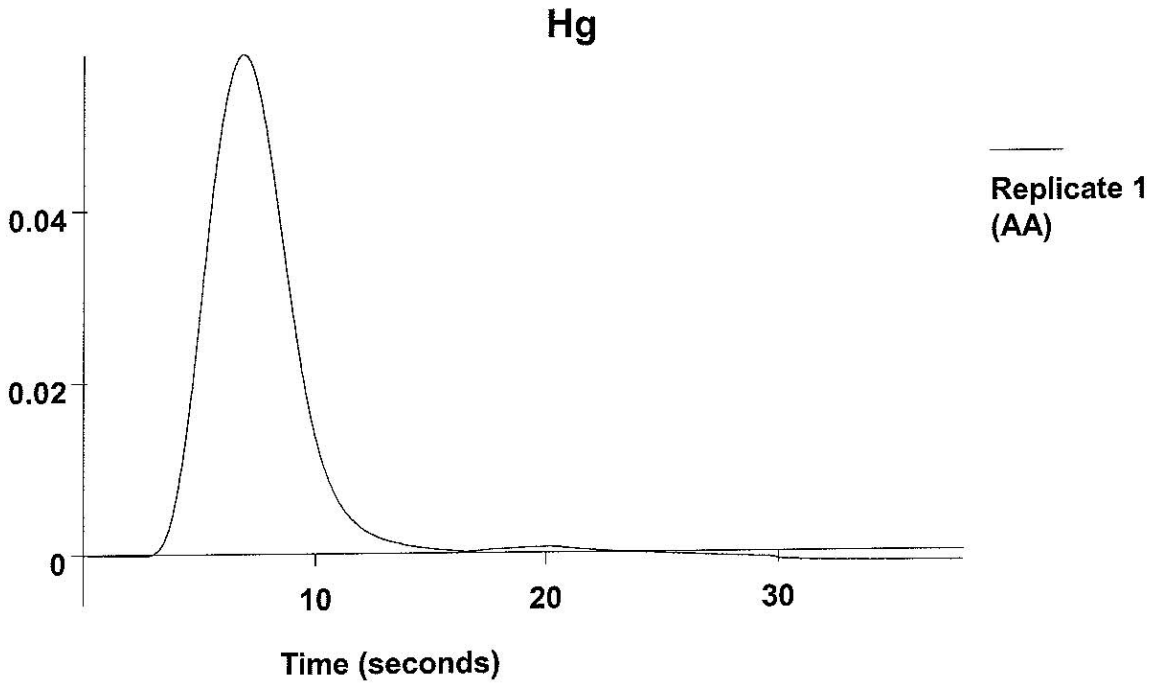
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.91	2.91	0.0327	0.1392	0.0331	1 01:43:14	Yes



Element: Hg Seq. No.: 33 AS Loc.: 5 Date: 11/28/2012

Sample ID: CCV

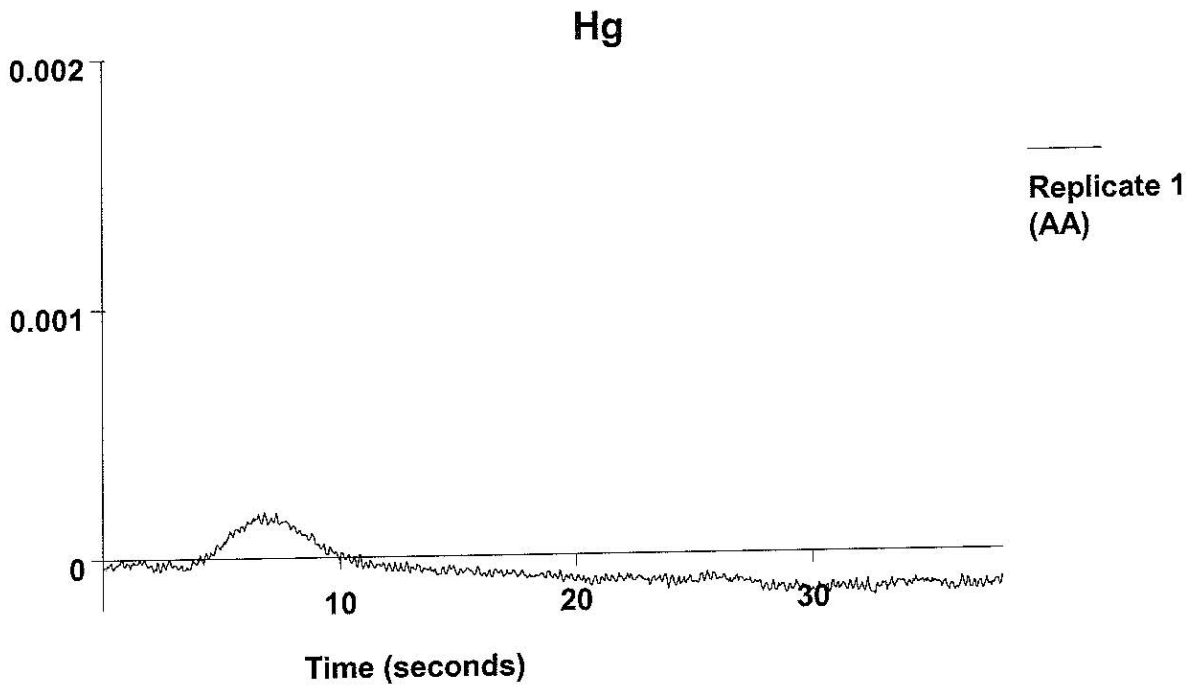
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.11	5.11	0.0574	0.2353	0.0578	1 01:45:04	Yes



QC value within specified limits.

Element: Hg Seq. No.: 34 AS Loc.: 1 Date: 11/28/2012
Sample ID: CCB

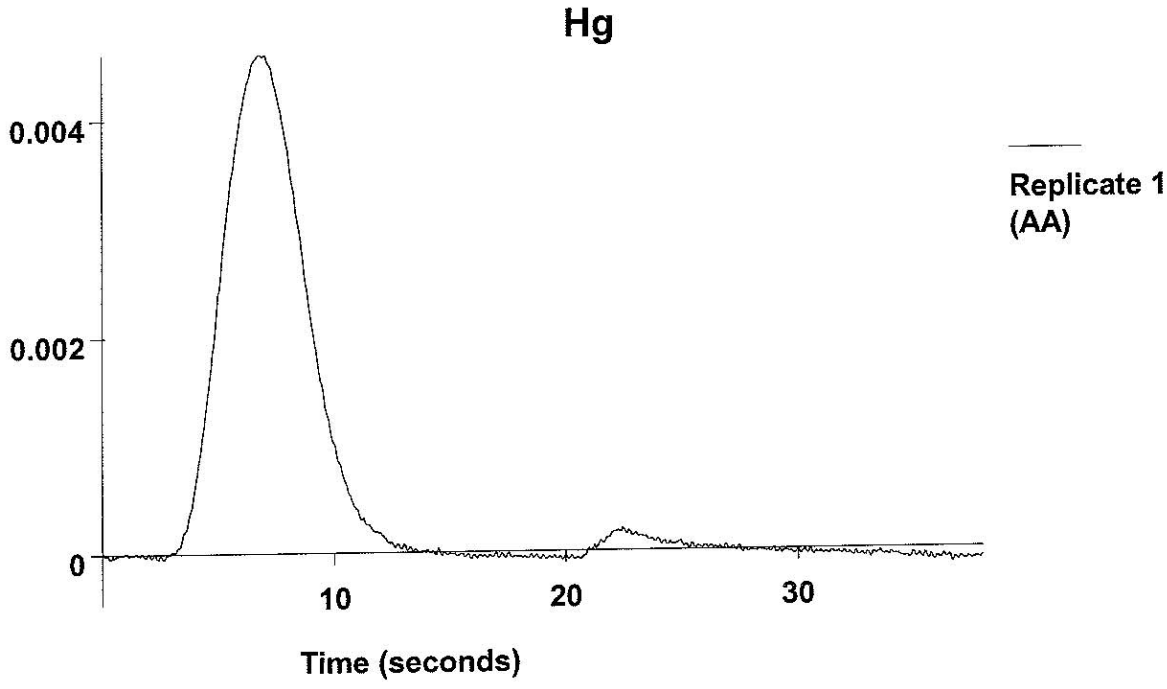
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.026	-0.026	-0.0003	-0.0024	0.0002	1 01:46:52	Yes



QC value within specified limits.

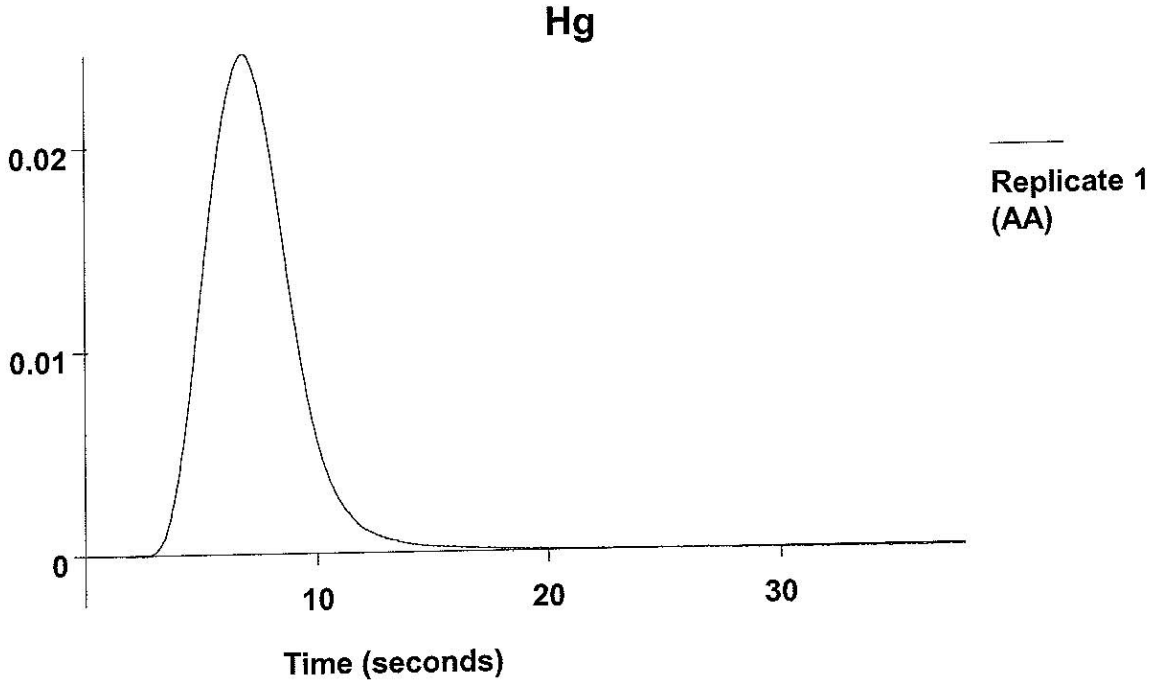
Element: Hg Seq. No.: 35 AS Loc.: 28 Date: 11/28/2012
Sample ID: 350762017

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.368	0.368	0.0041	0.0186	0.0046	1 01:48:41	Yes



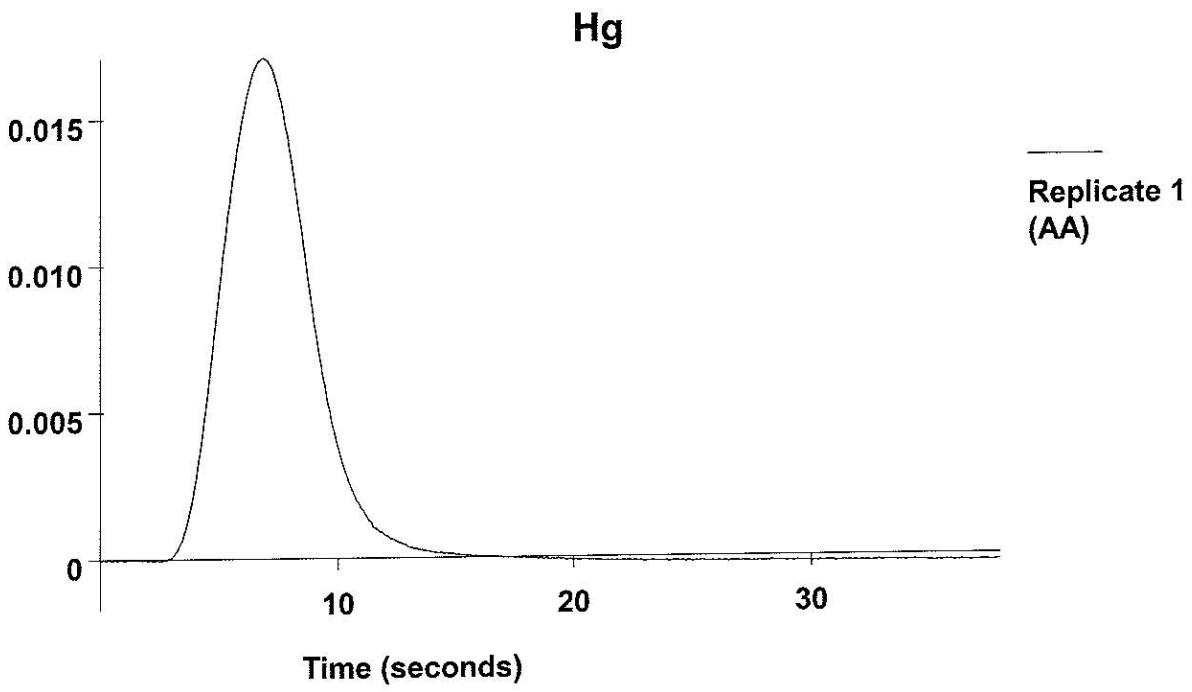
Element: Hg Seq. No.: 36 AS Loc.: 29 Date: 11/28/2012
Sample ID: 350762018

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.13	2.13	0.0239	0.1047	0.0244	1 01:50:32	Yes



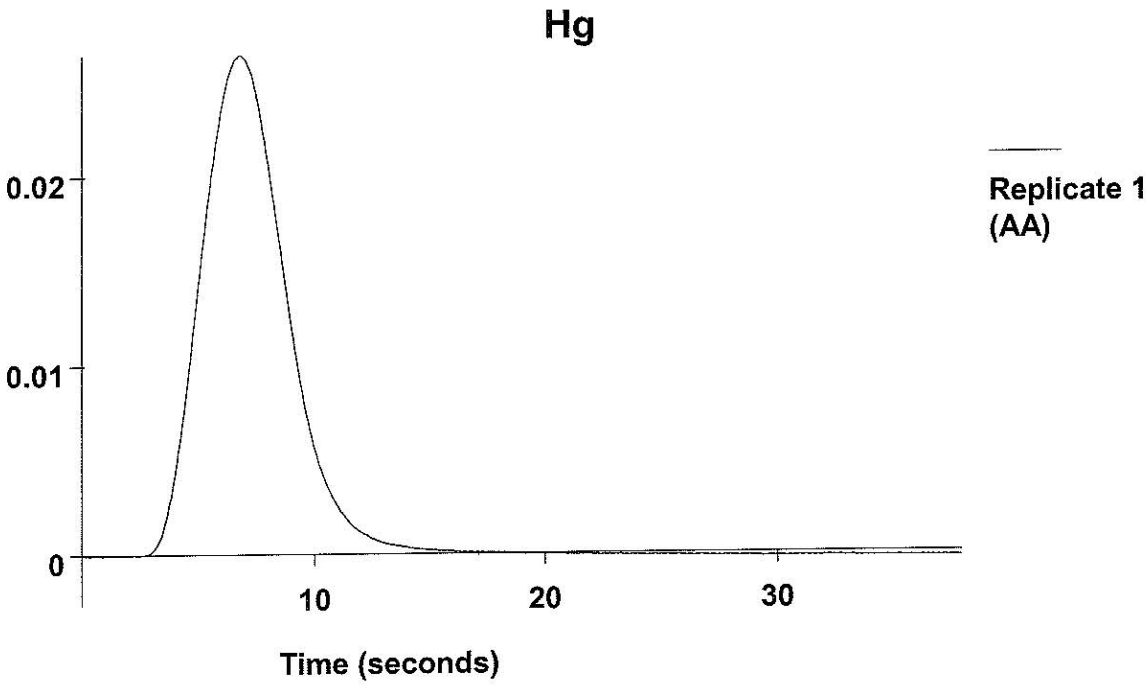
Element: Hg Seq. No.: 37 AS Loc.: 30 Date: 11/28/2012
Sample ID: 350761610

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.47	1.47	0.0165	0.0691	0.0170	1 01:52:22	Yes



Element: Hg Seq. No.: 38 AS Loc.: 31 Date: 11/28/2012
Sample ID: 350761801L

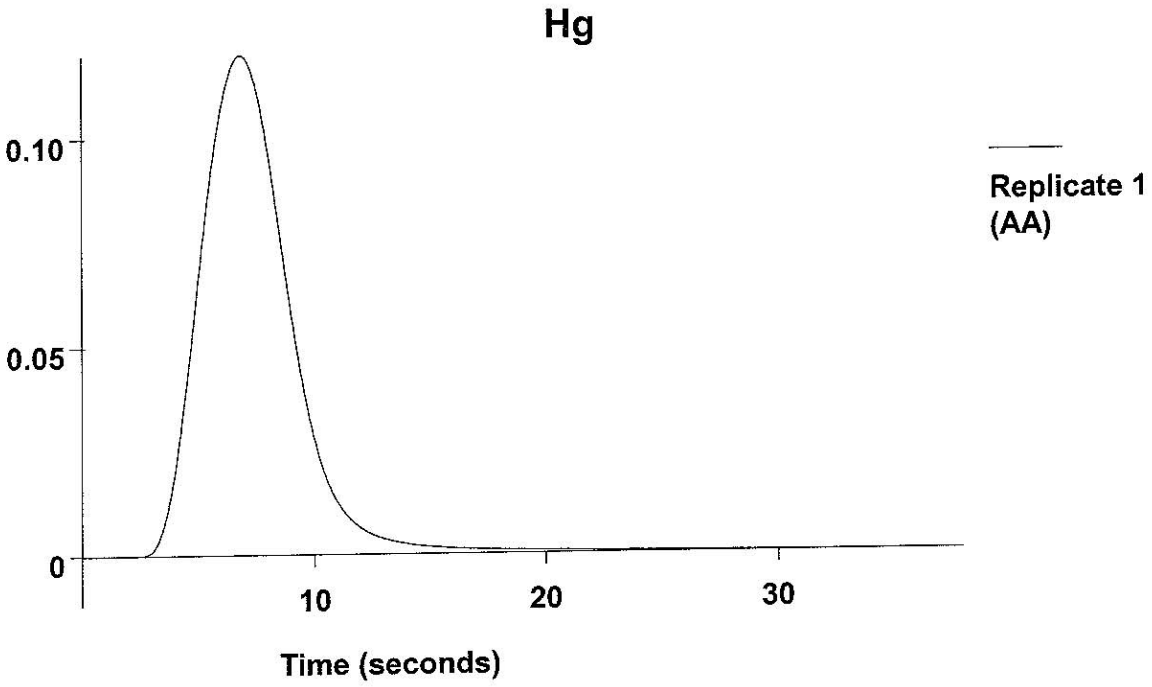
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.29	2.29	0.0257	0.1084	0.0262	1 01:54:13	Yes



Element: Hg Seq. No.: 39 AS Loc.: 32 Date: 11/28/2012

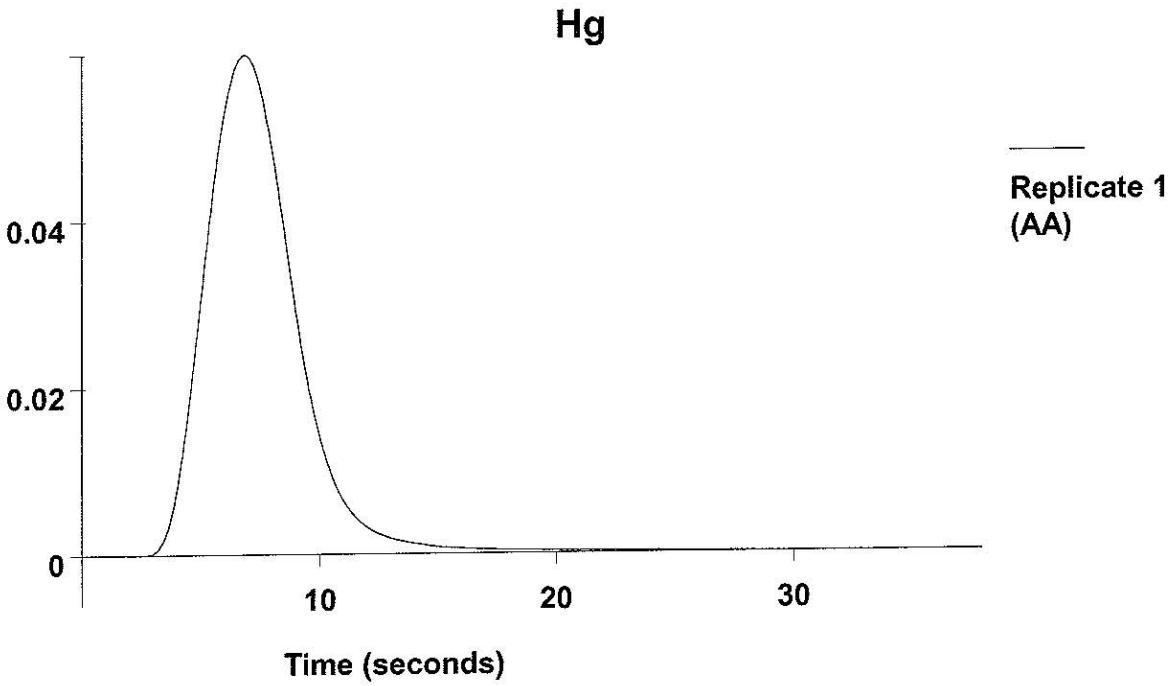
Sample ID: 350761801A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.6	10.6	0.1187	0.5308	0.1191	1 01:56:02	Yes



Element: Hg Seq. No.: 40 AS Loc.: 5 Date: 11/28/2012
Sample ID: CCV

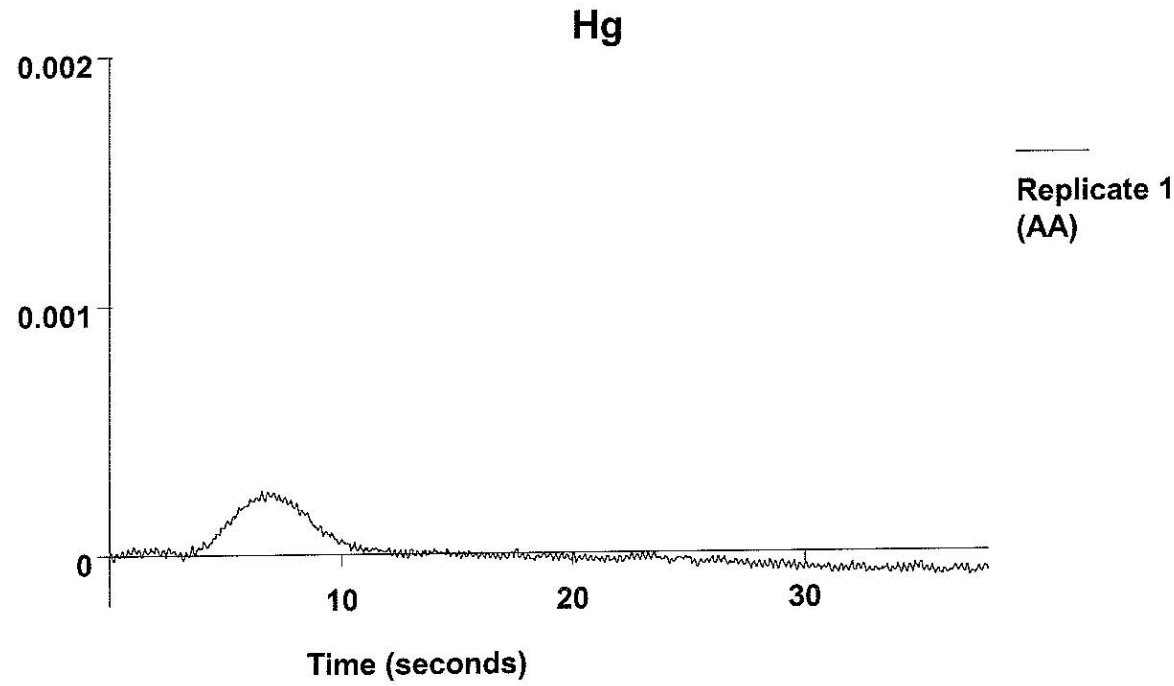
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.27	5.27	0.0591	0.2593	0.0596	1 01:57:47	Yes



QC value within specified limits.

Element: Hg Seq. No.: 41 AS Loc.: 1 Date: 11/28/2012
Sample ID: CCB

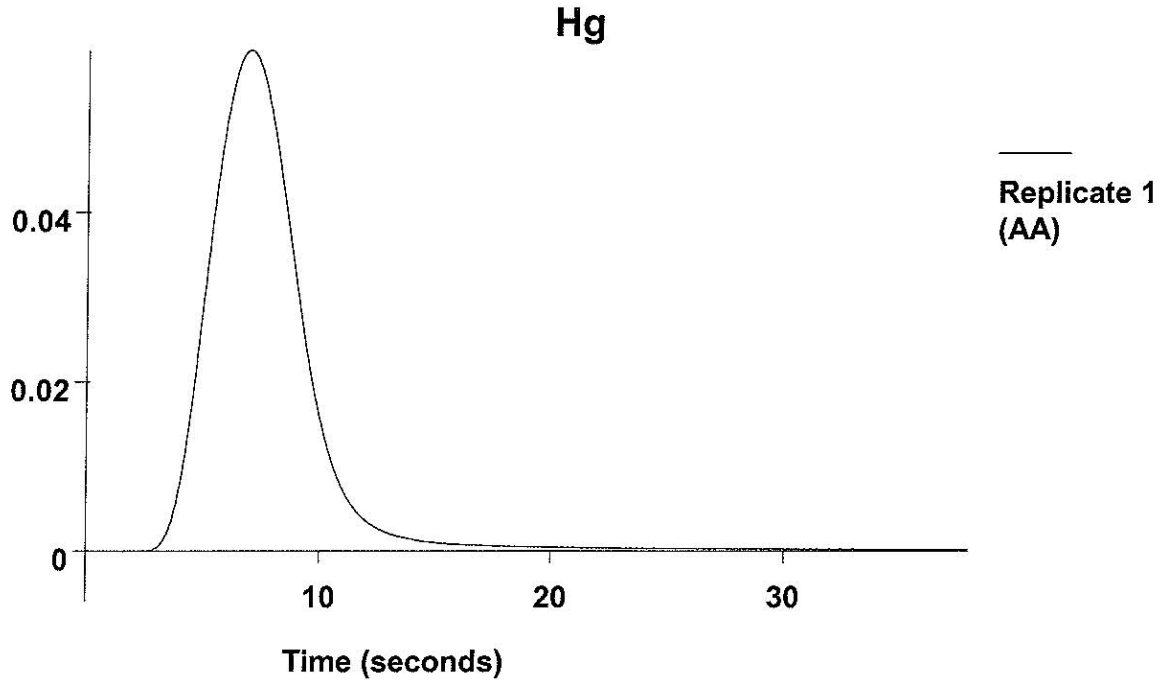
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.018	-0.018	-0.0002	0.0000	0.0002	1 01:59:33	Yes



QC value within specified limits.

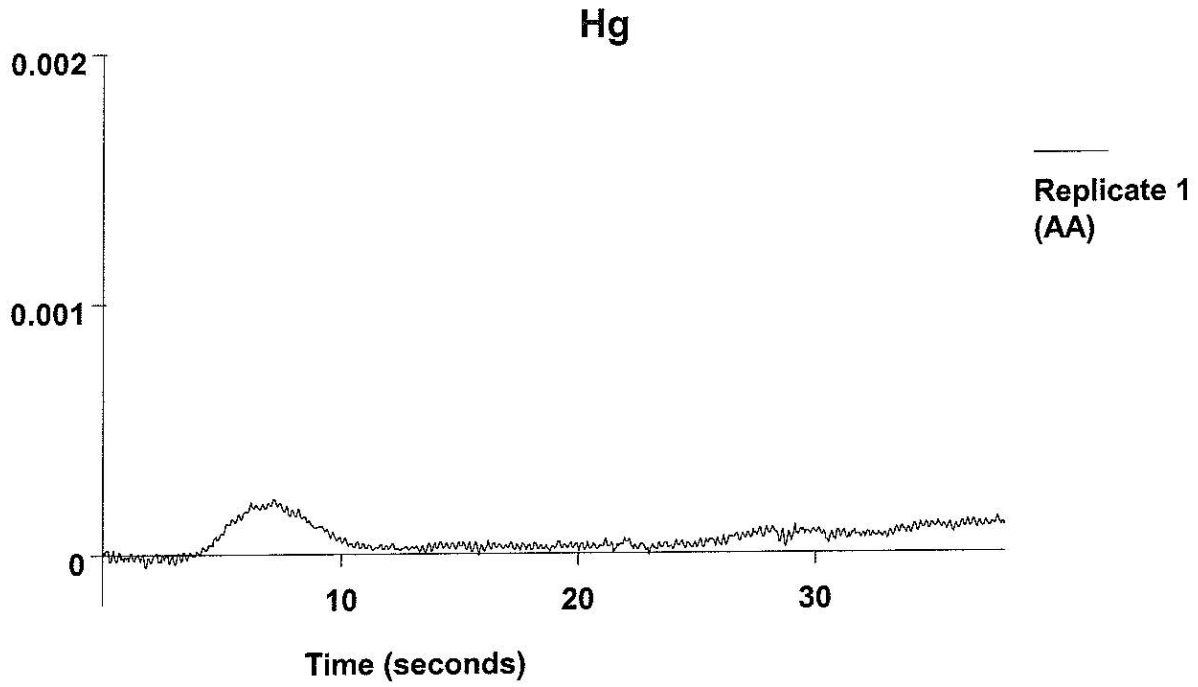
Element: Hg Seq. No.: 42 AS Loc.: 5 Date: 11/28/2012
Sample ID: Sample005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.21	5.21	0.0584	0.2676	0.0589	1 02:31:28	Yes



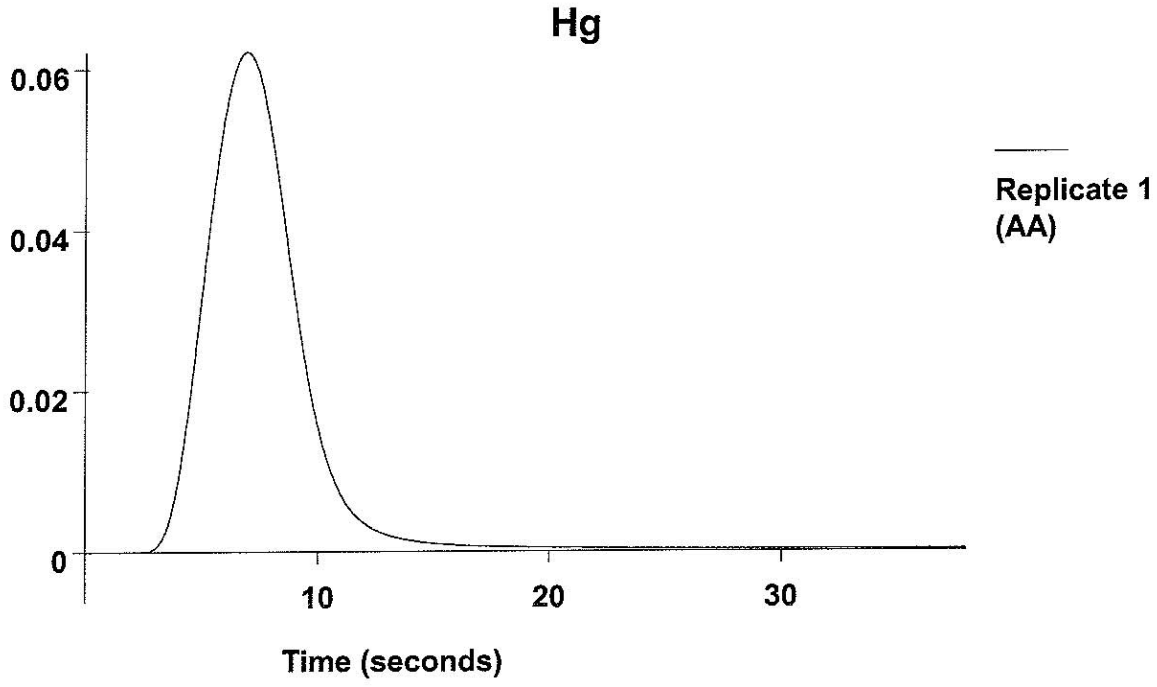
Element: Hg Seq. No.: 43 AS Loc.: 1 Date: 11/28/2012
Sample ID: Sample001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.022	-0.022	-0.0002	0.0022	0.0002	1 02:33:15	Yes



Element: Hg Seq. No.: 44 AS Loc.: 33 Date: 11/28/2012
Sample ID: 350761801

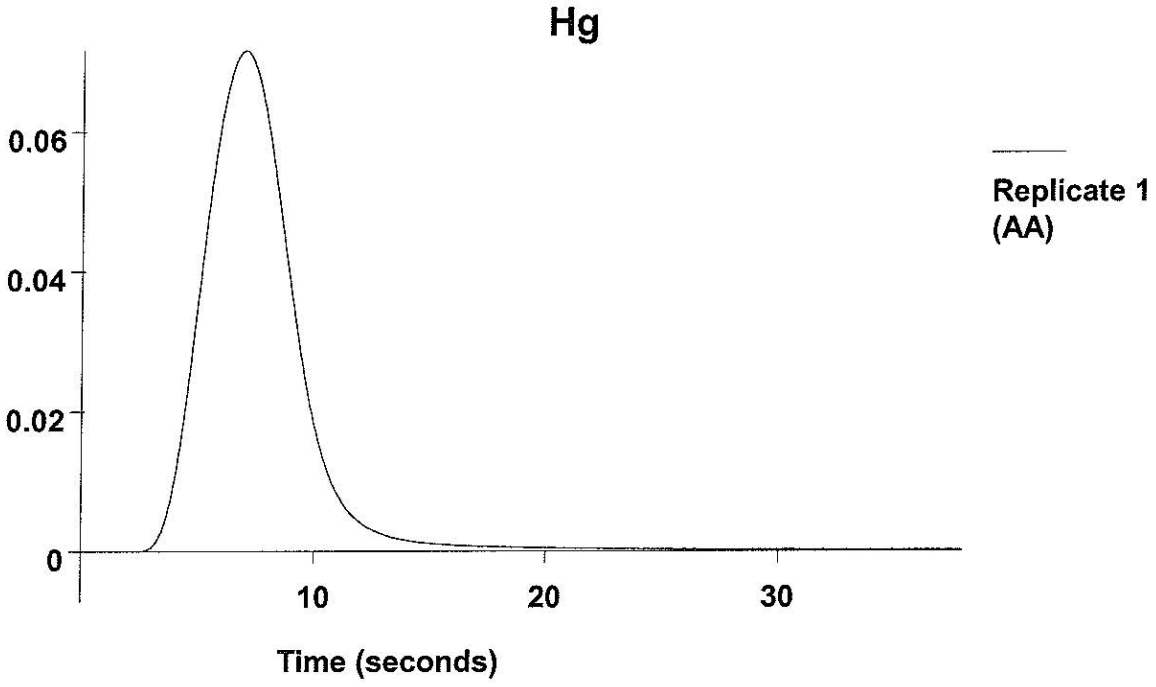
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.46	5.46	0.0613	0.2791	0.0617	1 02:35:01	Yes



Element: Hg Seq. No.: 45 AS Loc.: 34 Date: 11/28/2012

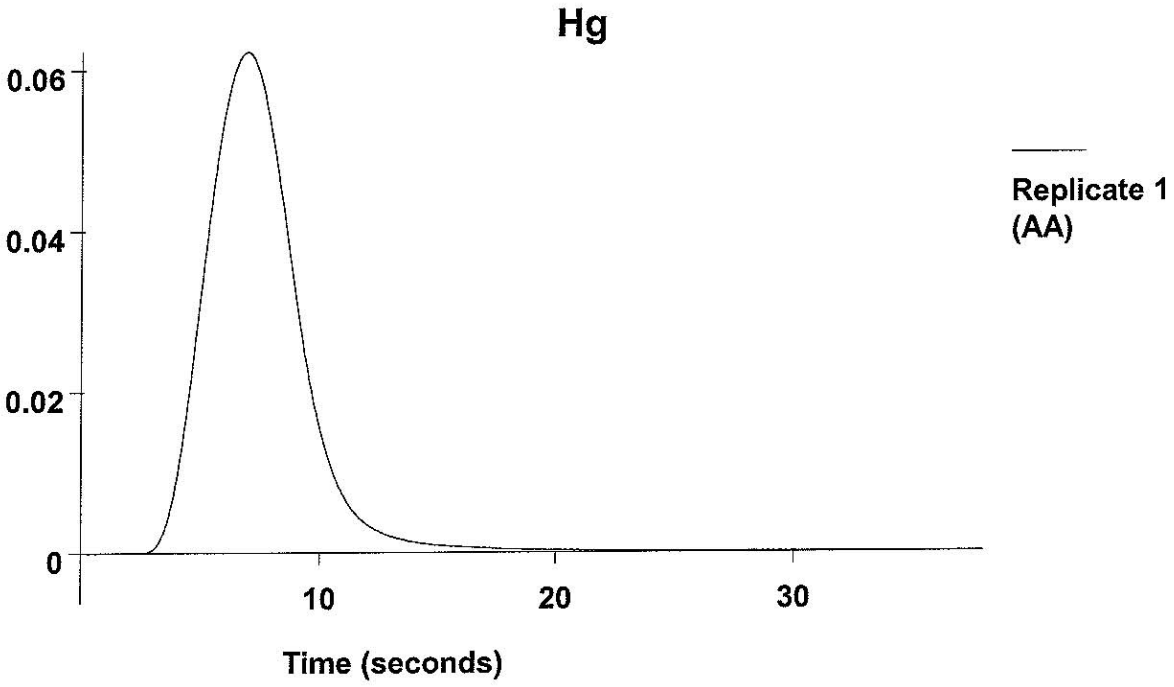
Sample ID: 155049MS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.30	6.30	0.0706	0.3198	0.0711	1 02:36:45	Yes



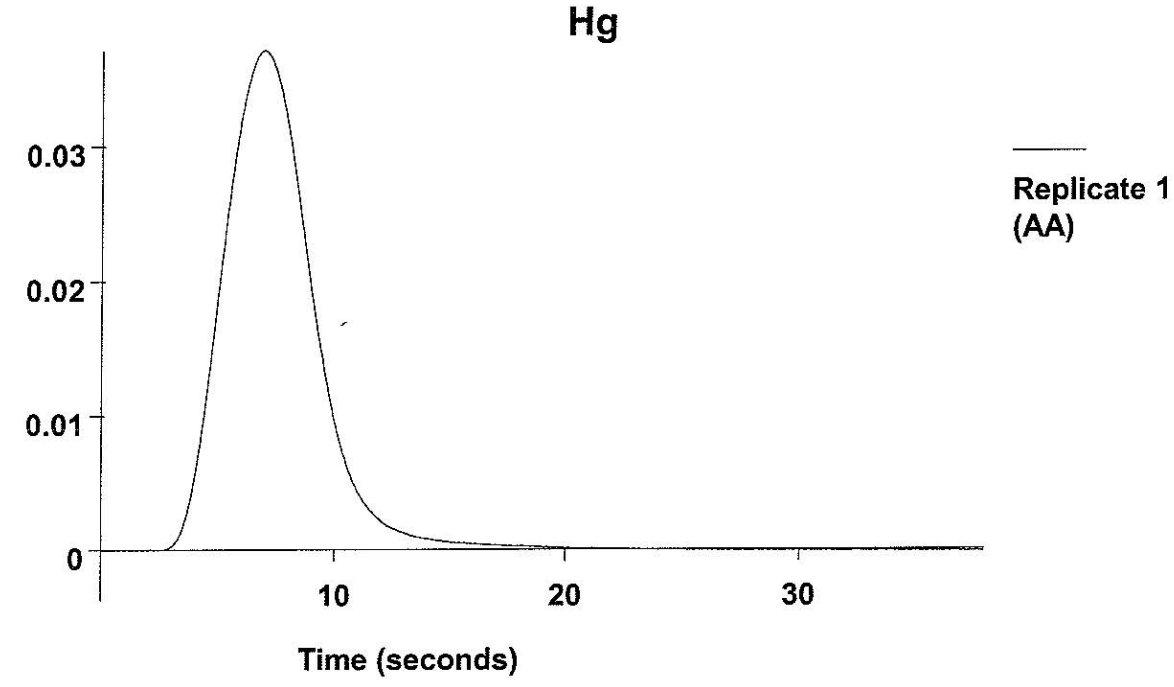
Element: Hg Seq. No.: 46 AS Loc.: 35 Date: 11/28/2012
Sample ID: 155050MSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.48	5.48	0.0614	0.2758	0.0619	1 02:38:30	Yes



Element: Hg Seq. No.: 47 AS Loc.: 36 Date: 11/28/2012
Sample ID: 350762008

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.25	3.25	0.0365	0.1632	0.0369	1 02:40:17	Yes



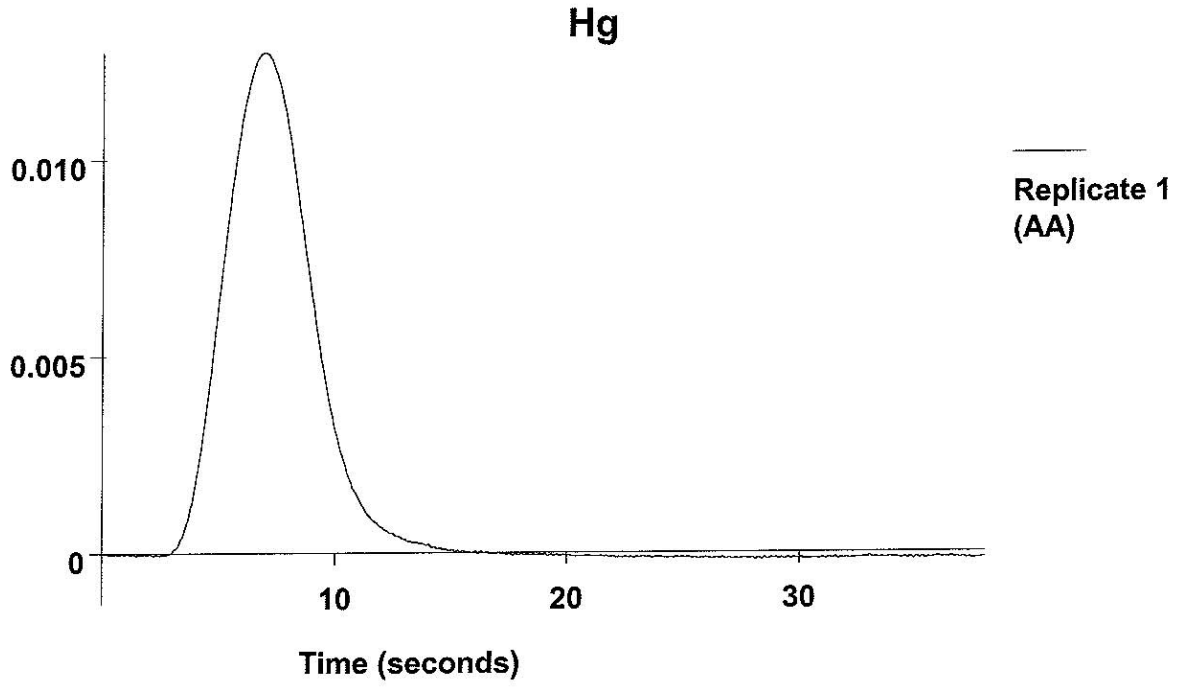
Element: Hg Seq. No.: 48 AS Loc.: 37 Date: 11/28/2012

3507616

2377

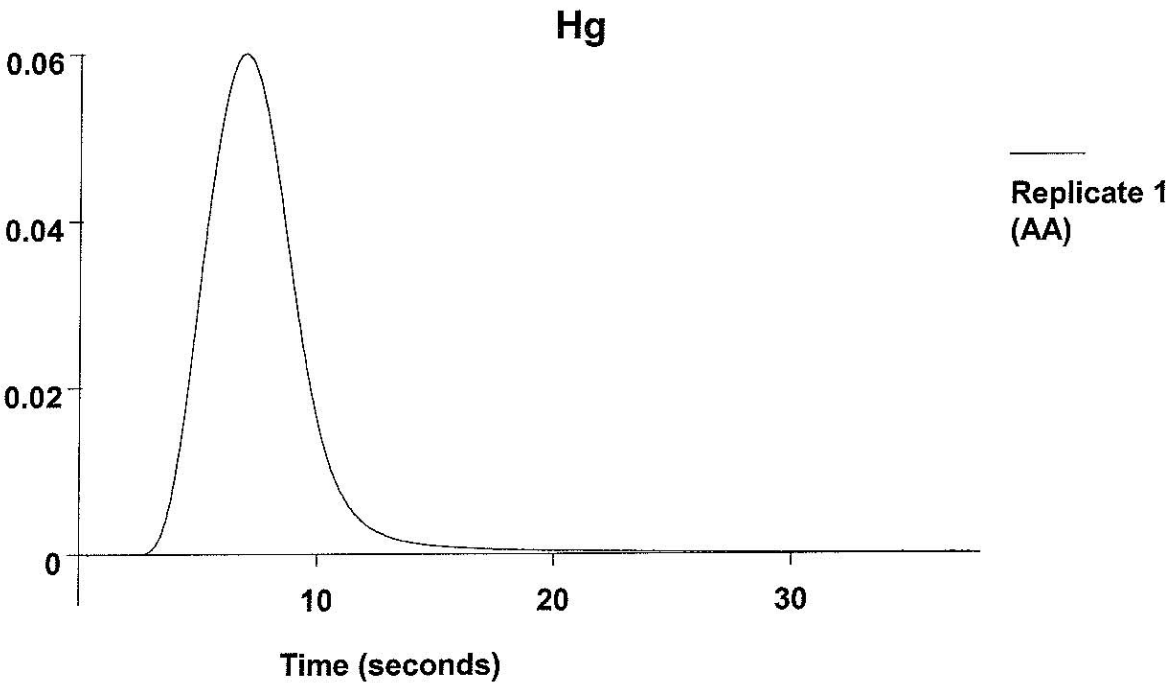
Sample ID: 350761801L

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.09	1.09	0.0122	0.0521	0.0127	1 02:42:04	Yes



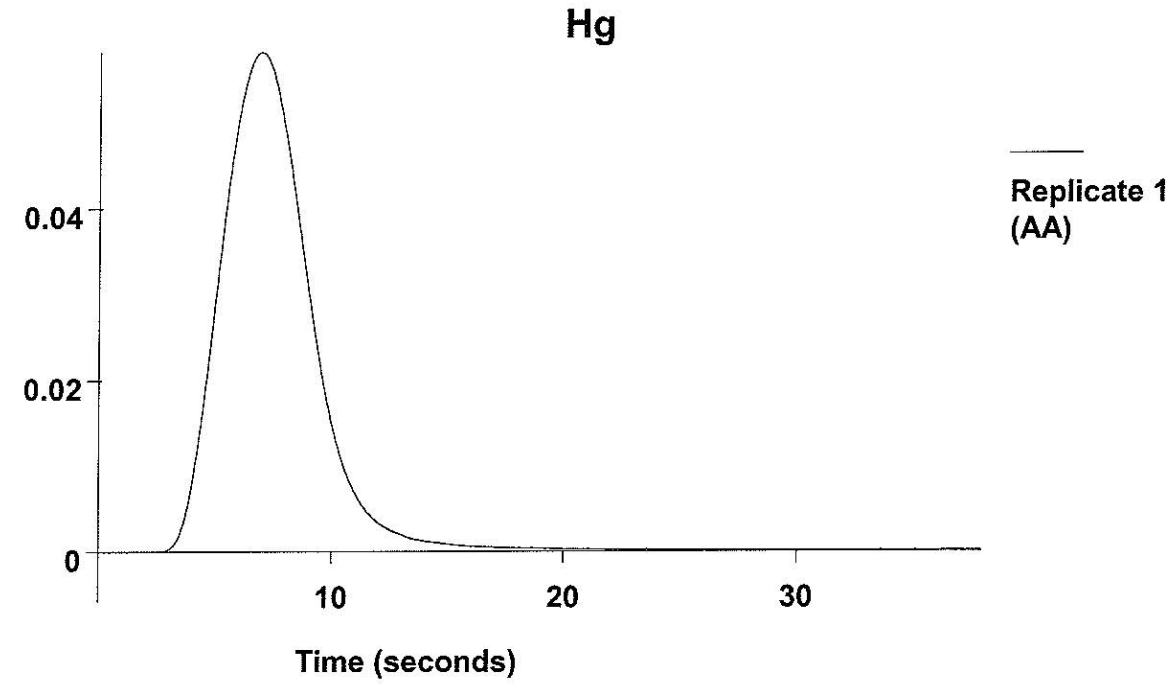
Element: Hg Seq. No.: 49 AS Loc.: 38 Date: 11/28/2012
Sample ID: 350761801A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.29	5.29	0.0593	0.2728	0.0598	1 02:43:50	Yes



Element: Hg Seq. No.: 50 AS Loc.: 5 Date: 11/28/2012
Sample ID: Sample005

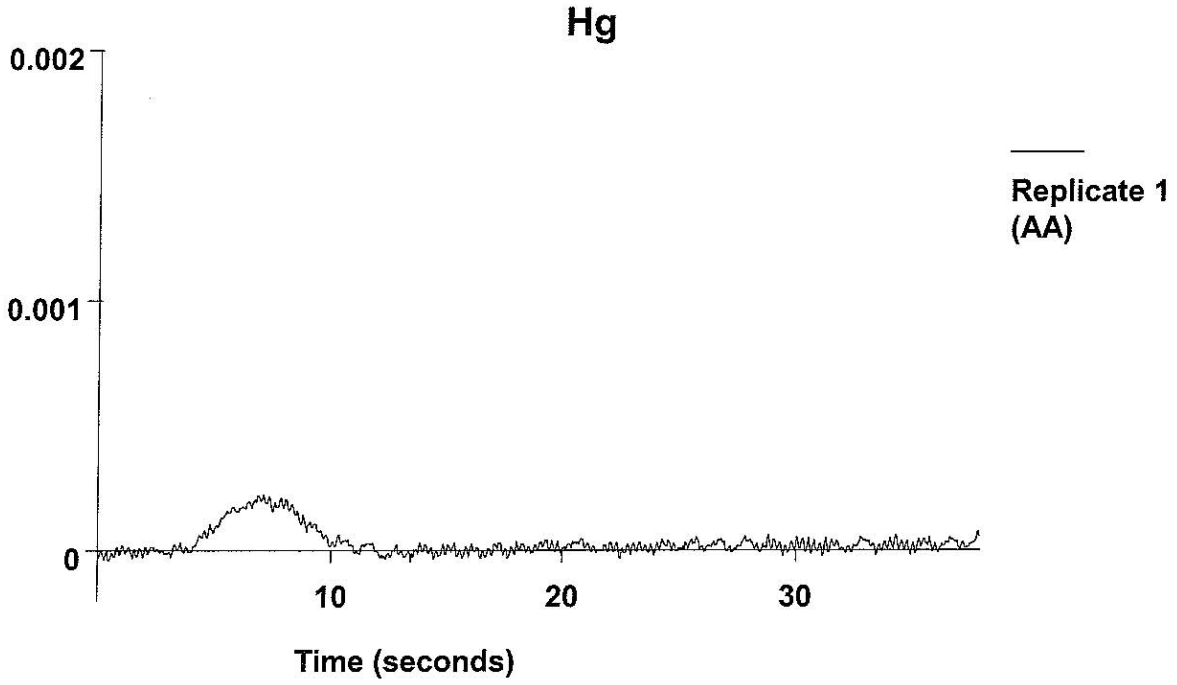
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.12	5.12	0.0575	0.2585	0.0579	1 02:45:37	Yes



Element: Hg Seq. No.: 51 AS Loc.: 1 Date: 11/28/2012

Sample ID: Sample001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.022	-0.022	-0.0002	0.0011	0.0002	1 02:47:25	Yes



Seq. No.	1	AS Loc:	1	Date:	11/28/12			
Sample ID:	Calib Blank							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg			0.0005	0.0015	158.5022	0.0005	4.1711	12:47:21
Auto-zero performed.								
Mean:			0.0005					
SD:								
%RSD:								

Seq. No.	2	AS Loc:	2	Date:	11/28/12			
Sample ID:	CS1							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg			0.0019	0.0098	158.4953	0.0023	4.1709	12:49:07
[Hg] Standard number 1 applied. [0.200]								
Correlation Coefficient: 1.00000		Slope: 0.00927						
Mean:			0.0019					
SD:								
%RSD:								

Seq. No.	3	AS Loc:	3	Date:	11/28/12			
Sample ID:	CS2							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg			0.0054	0.0235	158.6078	0.0059	4.1739	12:50:55
[Hg] Standard number 2 applied. [0.500]								
Correlation Coefficient: 0.99157		Slope: 0.01066						
Mean:			0.0054					
SD:								
%RSD:								

Seq. No.	4	AS Loc:	4	Date:	11/28/12			
Sample ID:	CS3							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg			0.0113	0.0470	158.5728	0.0117	4.1730	12:52:43
[Hg] Standard number 3 applied. [1.00]								
Correlation Coefficient: 0.99786		Slope: 0.01113						
Mean:			0.0113					
SD:								
%RSD:								

Seq. No.	5	AS Loc:	5	Date:	11/28/12			
Sample ID:	CS4							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg			0.0565	0.2364	158.5652	0.0570	4.1728	12:54:32
[Hg] Standard number 4 applied. [5.00]								
Correlation Coefficient: 0.99994		Slope: 0.01129						
Mean:			0.0565					
SD:								
%RSD:								

Seq. No.	6	AS Loc:	6	Date:	11/28/12			
Sample ID:	CS5							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg			0.1119	0.4710	158.5971	0.1124	4.1736	12:56:22
[Hg] Standard number 5 applied. [10.0]								

Correlation Coefficient: 0.99998 Slope: 0.01122

Mean:			0.1119					
SD:								
%RSD:								

Seq. No.	7	**AS Loc:**	7	**Date:**	11/28/12			
Sample ID:	ICV							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	3.13µg/L	3.13µg/L	0.0351	0.1459	158.6381	0.0355	4.1747	12:58:18
QC value within specified limits.								
Mean:	3.13µg/L	3.13µg/L	0.0351					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	8	**AS Loc:**	1	**Date:**	11/28/12			
Sample ID:	ICB							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	-0.023µg/L	-0.023µg/L	-0.0003	-0.0052	158.6539	0.0002	4.1751	13:00:06
QC value within specified limits.								
Mean:	-0.023µg/L	-0.023µg/L	-0.0003					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	9	**AS Loc:**	5	**Date:**	11/28/12			
Sample ID:	CCV							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	5.19µg/L	5.19µg/L	0.0582	0.2406	158.6771	0.0587	4.1757	13:01:52
QC value within specified limits.								
Mean:	5.19µg/L	5.19µg/L	0.0582					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	10	**AS Loc:**	1	**Date:**	11/28/12			
Sample ID:	CCB							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	-0.024µg/L	-0.024µg/L	-0.0003	-0.0041	158.6960	0.0002	4.1762	13:03:40
QC value within specified limits.								
Mean:	-0.024µg/L	-0.024µg/L	-0.0003					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	11	**AS Loc:**	8	**Date:**	11/28/12			
Sample ID:	155043MB							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	-0.028µg/L	-0.028µg/L	-0.0003	-0.0021	158.7122	0.0001	4.1767	13:05:29
Mean:	-0.028µg/L	-0.028µg/L	-0.0003					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	12	**AS Loc:**	9	**Date:**	11/28/12			
Sample ID:	155044LCS							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	3.08µg/L	3.08µg/L	0.0346	0.1437	158.6006	0.0350	4.1737	13:07:18
Mean:	3.08µg/L	3.08µg/L	0.0346					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	13	AS Loc:	10	Date:	11/28/12			
Sample ID:	155045LCSD							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.13µg/L	3.13µg/L	0.0351	0.1524	158.7119	0.0356	4.1766	13:09:03
Mean:	3.13µg/L	3.13µg/L	0.0351					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	14	AS Loc:	11	Date:	11/28/12			
Sample ID:	350761801							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	10.8µg/L	10.8µg/L	0.1209	0.5356	158.6348	0.1214	4.1746	13:10:50
Mean:	10.8µg/L	10.8µg/L	0.1209					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	15	AS Loc:	12	Date:	11/28/12			
Sample ID:	155049MS							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	12.5µg/L	12.5µg/L	0.1400	0.6187	158.7006	0.1405	4.1763	13:12:38
Sample absorbance is greater than that of the highest standard.								
Mean:	12.5µg/L	12.5µg/L	0.1400					
SD:	0.000µg/L	0.000µg/L						
%RSD:								
Sample absorbance is greater than that of the highest standard.								

Seq. No.	16	AS Loc:	13	Date:	11/28/12			
Sample ID:	155050MSD							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	11.0µg/L	11.0µg/L	0.1232	0.5364	158.7194	0.1237	4.1768	13:14:26
Sample absorbance is greater than that of the highest standard.								
Mean:	11.0µg/L	11.0µg/L	0.1232					
SD:	0.000µg/L	0.000µg/L						
%RSD:								
Sample absorbance is greater than that of the highest standard.								

Seq. No.	17	AS Loc:	14	Date:	11/28/12			
Sample ID:	350761802							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	4.72µg/L	4.72µg/L	0.0530	0.2288	158.7235	0.0534	4.1769	13:16:18
Mean:	4.72µg/L	4.72µg/L	0.0530					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	18	AS Loc:	15	Date:	11/28/12			
Sample ID:	350761813							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.00µg/L	3.00µg/L	0.0337	0.1457	158.7516	0.0341	4.1777	13:18:09
Mean:	3.00µg/L	3.00µg/L	0.0337					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	19	AS Loc:	16	Date:	11/28/12			
Sample ID:	350761818							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	2.36µg/L	2.36µg/L	0.0265	0.1151	158.7597	0.0269	4.1779	13:20:00
Mean:	2.36µg/L	2.36µg/L	0.0265					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	20	AS Loc:	17	Date:	11/28/12			
Sample ID:	350761819							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	2.34µg/L	2.34µg/L	0.0263	0.1117	158.7773	0.0267	4.1783	13:21:49
Mean:	2.34µg/L	2.34µg/L	0.0263					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	21	AS Loc:	5	Date:	11/28/12			
Sample ID:	CCV							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	5.26µg/L	5.26µg/L	0.0590	0.2307	158.7692	0.0595	4.1781	13:23:37
QC value within specified limits.								
Mean:	5.26µg/L	5.26µg/L	0.0590					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	22	AS Loc:	1	Date:	11/28/12			
Sample ID:	CCB							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.004µg/L	0.004µg/L	0.0000	-0.0075	158.7576	0.0005	4.1778	13:25:24
QC value within specified limits.								
Mean:	0.004µg/L	0.004µg/L	0.0000					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	23	AS Loc:	18	Date:	11/28/12			
Sample ID:	350762002							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.65µg/L	3.65µg/L	0.0409	0.1810	158.8005	0.0414	4.1789	13:27:09
Mean:	3.65µg/L	3.65µg/L	0.0409					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	24	AS Loc:	19	Date:	11/28/12			
Sample ID:	350762003							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	1.10µg/L	1.10µg/L	0.0123	0.0611	158.7712	0.0128	4.1782	13:28:55
Mean:	1.10µg/L	1.10µg/L	0.0123					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	25	AS Loc:	20	Date:	11/28/12			
Sample ID:	350762004							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	1.43µg/L	1.43µg/L	0.0160	0.0599	158.7692	0.0165	4.1781	13:30:41

Mean:	1.43µg/L	1.43µg/L	0.0160					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	26	**AS Loc:**	21	**Date:**	11/28/12			
Sample ID:	350762005							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	0.959µg/L	0.959µg/L	0.0108	0.0423	158.6846	0.0112	4.1759	13:32:28
Mean:	0.959µg/L	0.959µg/L	0.0108					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	27	**AS Loc:**	22	**Date:**	11/28/12			
Sample ID:	350762006							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	0.926µg/L	0.926µg/L	0.0104	0.0504	158.7922	0.0108	4.1787	13:34:14
Mean:	0.926µg/L	0.926µg/L	0.0104					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	28	**AS Loc:**	23	**Date:**	11/28/12			
Sample ID:	350762007							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	1.18µg/L	1.18µg/L	0.0132	0.0517	158.7121	0.0137	4.1766	13:36:00
Mean:	1.18µg/L	1.18µg/L	0.0132					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	29	**AS Loc:**	24	**Date:**	11/28/12			
Sample ID:	350762008							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	14.8µg/L	14.8µg/L	0.1660	0.7607	158.8119	0.1665	4.1792	13:37:48
Sample absorbance is greater than that of the highest standard.								
Mean:	14.8µg/L	14.8µg/L	0.1660					
SD:	0.000µg/L	0.000µg/L						
%RSD:								
Sample absorbance is greater than that of the highest standard.								

Seq. No.	30	**AS Loc:**	25	**Date:**	11/28/12			
Sample ID:	350762012							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	0.444µg/L	0.444µg/L	0.0050	0.0197	158.8317	0.0054	4.1798	13:39:37
Mean:	0.444µg/L	0.444µg/L	0.0050					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	31	**AS Loc:**	26	**Date:**	11/28/12			
Sample ID:	350762015							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	2.27µg/L	2.27µg/L	0.0255	0.1127	158.7658	0.0259	4.1780	13:41:25
Mean:	2.27µg/L	2.27µg/L	0.0255					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	32	AS Loc:	27	Date:	11/28/12			
Sample ID:	350762016							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	2.91µg/L	2.91µg/L	0.0327	0.1392	158.7969	0.0331	4.1789	13:43:14
Mean:	2.91µg/L	2.91µg/L	0.0327					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	33	AS Loc:	5	Date:	11/28/12			
Sample ID:	CCV							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	5.11µg/L	5.11µg/L	0.0574	0.2353	158.7747	0.0578	4.1783	13:45:04
QC value within specified limits.								
Mean:	5.11µg/L	5.11µg/L	0.0574					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	34	AS Loc:	1	Date:	11/28/12			
Sample ID:	CCB							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.026µg/L	-0.026µg/L	-0.0003	-0.0024	158.8502	0.0002	4.1802	13:46:52
QC value within specified limits.								
Mean:	-0.026µg/L	-0.026µg/L	-0.0003					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	35	AS Loc:	28	Date:	11/28/12			
Sample ID:	350762017							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	0.368µg/L	0.368µg/L	0.0041	0.0186	158.7586	0.0046	4.1779	13:48:41
Mean:	0.368µg/L	0.368µg/L	0.0041					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	36	AS Loc:	29	Date:	11/28/12			
Sample ID:	350762018							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	2.13µg/L	2.13µg/L	0.0239	0.1047	158.8628	0.0244	4.1806	13:50:32
Mean:	2.13µg/L	2.13µg/L	0.0239					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	37	AS Loc:	30	Date:	11/28/12			
Sample ID:	350761610							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	1.47µg/L	1.47µg/L	0.0165	0.0691	158.8551	0.0170	4.1804	13:52:22
Mean:	1.47µg/L	1.47µg/L	0.0165					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	38	AS Loc:	31	Date:	11/28/12			
Sample ID:	350761801L							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	2.29µg/L	2.29µg/L	0.0257	0.1084	158.8708	0.0262	4.1808	13:54:13

Mean:	2.29µg/L	2.29µg/L	0.0257					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	39	**AS Loc:**	32	**Date:**	11/28/12			
Sample ID:	350761801A							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	10.6µg/L	10.6µg/L	0.1187	0.5308	158.8966	0.1191	4.1815	13:56:02
Mean:	10.6µg/L	10.6µg/L	0.1187					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	40	**AS Loc:**	5	**Date:**	11/28/12			
Sample ID:	CCV							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	5.27µg/L	5.27µg/L	0.0591	0.2593	158.8444	0.0596	4.1801	13:57:47
QC value within specified limits.								
Mean:	5.27µg/L	5.27µg/L	0.0591					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	41	**AS Loc:**	1	**Date:**	11/28/12			
Sample ID:	CCB							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	-0.018µg/L	-0.018µg/L	-0.0002	0.0000	158.8549	0.0002	4.1804	13:59:33
QC value within specified limits.								
Mean:	-0.018µg/L	-0.018µg/L	-0.0002					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	42	**AS Loc:**	5	**Date:**	11/28/12			
Sample ID:	Sample005							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	5.21µg/L	5.21µg/L	0.0584	0.2676	158.8168	0.0589	4.1794	14:31:28
Mean:	5.21µg/L	5.21µg/L	0.0584					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	43	**AS Loc:**	1	**Date:**	11/28/12			
Sample ID:	Sample001							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	-0.022µg/L	-0.022µg/L	-0.0002	0.0022	158.7944	0.0002	4.1788	14:33:15
Mean:	-0.022µg/L	-0.022µg/L	-0.0002					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	44	**AS Loc:**	33	**Date:**	11/28/12			
Sample ID:	350761801							
Elem	**SampleConc**	**StndConc**	**Blank Corr Signal**	**Pk Area**	**BG Area**	**Pk Ht**	**BG Ht**	**Time**
Hg	5.46µg/L	5.46µg/L	0.0613	0.2791	158.7817	0.0617	4.1785	14:35:01
Mean:	5.46µg/L	5.46µg/L	0.0613					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	45	AS Loc:	34	Date:	11/28/12			
Sample ID:	155049MS							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	6.30µg/L	6.30µg/L	0.0706	0.3198	158.7507	0.0711	4.1777	14:36:45
Mean:	6.30µg/L	6.30µg/L	0.0706					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	46	AS Loc:	35	Date:	11/28/12			
Sample ID:	155050MSD							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	5.48µg/L	5.48µg/L	0.0614	0.2758	158.7548	0.0619	4.1777	14:38:30
Mean:	5.48µg/L	5.48µg/L	0.0614					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	47	AS Loc:	36	Date:	11/28/12			
Sample ID:	350762008							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	3.25µg/L	3.25µg/L	0.0365	0.1632	158.7425	0.0369	4.1774	14:40:17
Mean:	3.25µg/L	3.25µg/L	0.0365					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	48	AS Loc:	37	Date:	11/28/12			
Sample ID:	350761801L							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	1.09µg/L	1.09µg/L	0.0122	0.0521	158.7400	0.0127	4.1774	14:42:04
Mean:	1.09µg/L	1.09µg/L	0.0122					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	49	AS Loc:	38	Date:	11/28/12			
Sample ID:	350761801A							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	5.29µg/L	5.29µg/L	0.0593	0.2728	158.7458	0.0598	4.1775	14:43:50
Mean:	5.29µg/L	5.29µg/L	0.0593					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	50	AS Loc:	5	Date:	11/28/12			
Sample ID:	Sample005							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	5.12µg/L	5.12µg/L	0.0575	0.2585	158.7310	0.0579	4.1771	14:45:37
Mean:	5.12µg/L	5.12µg/L	0.0575					
SD:	0.000µg/L	0.000µg/L						
%RSD:								

Seq. No.	51	AS Loc:	1	Date:	11/28/12			
Sample ID:	Sample001							
Elem	SampleConc	StndConc	Blank Corr Signal	Pk Area	BG Area	Pk Ht	BG Ht	Time
Hg	-0.022µg/L	-0.022µg/L	-0.0002	0.0011	158.7227	0.0002	4.1769	14:47:25
Mean:	-0.022µg/L	-0.022µg/L	-0.0002					
SD:	0.000µg/L	0.000µg/L						

%RSD:

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
46815	Mercury_ICV_STK	CPI international	12C286	1/5/2014	125 ml	7/9/2012	jbowman

1000 UG/ML: Mercury

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
46820	Mercury_CAL_STK	High Purity	1215618	1/6/2014	125 mL	7/10/2012	jbowman

1000 UG/ML: Mercury

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
47357	HNO3	fisher	1112030	3/27/2014	2.5 L	8/17/2012	ddthompson

3507616

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
47359	Mercury_High_Working			1/6/2014	100 ML	8/17/2012	twolf

1000 UG/L: Mercury

COMPOSED OF:

46820: 0.1 ML 47357: 0.1 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
47360	Mercury_ICV_Working			1/5/2014	100 ML	8/17/2012	twolf

1000 UG/L: Mercury

COMPOSED OF:

46815: 0.1 ML 47357: 0.1 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
48104	Mercury_Low_Working			1/6/2014	10 ML	10/17/2012	twolf

100 UG/L: Mercury

2390

STANDARDS LOG

COMPOSED OF:

47357: 1 ML 47359: 1 ML

End Of Report