TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-24279-1

Job Description: McCandless

For:
Antea USA, Inc.
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Attention: Ms. Carla Nascimento

Approved for release.
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4/6/2011 5:36 PM

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04/06/2011

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless

Report Number: 460-24279-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 03/18/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.5, 4.6 and 1.7C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-24279-1 through 460-24279-9 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/31/2011 and analyzed on 04/01/2011 and 04/02/2011.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24279-2. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24279-3. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24279-7. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24279-8. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24279-9.

The following samples were diluted due to abundance of target analytes: 460-24279-2, 460-24279-3, 460-24279-7, 460-24279-8, 460-24279-9. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Samples 460-24279-2(200X), 460-24279-3(20X), 460-24279-7(100X), 460-24279-8(500X) and 460-24279-9(25X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-24279-1 through 460-24279-9 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 03/18/2011 and analyzed on 03/29/2011, 03/30/2011 and 03/31/2011.

Acetone was detected in method blank MB 460-68728/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Xylenes, Total failed the recovery criteria low for the MS of sample 460-24279-2 in batch 460-69045. 1,1,2,2-Tetrachloroethane and 1,2-Dibromo-3-Chloropropane failed the recovery criteria high. The associated laboratory control sample (LCS) recovery met acceptance criteria.

For the MSD of sample 460-24279-2 in batch 460-69045, Bromoform and Methyl acetate failed the recovery criteria low. 1,1,2,2-Tetrachloroethane and 1,2-Dibromo-3-Chloropropane failed the recovery criteria high. Also, Several analytes exceeded the rpd limit. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The following samples were diluted due to the abundance of non-target and target analytes: 460-24279-2, 460-24279-7, 460-24279-8, 460-24279-9. Elevated reporting limits (RLs) are provided.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-24279-1 through 460-24279-9 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/30/2011 and analyzed on 03/31/2011.

2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-24279-2. Refer to the QC report for details.

2-Methylnaphthalene and 4-Nitroaniline failed the recovery criteria high for LCS 460-69007/2-A. Refer to the QC report for details.

2-Methylnaphthalene and 4-Nitroaniline failed the recovery criteria high for the MS of sample 460-24279-1 in batch 460-69101.

2-Methylnaphthalene and 4-Nitroaniline failed the recovery criteria high for the MSD of sample 460-24279-1 in batch 460-69393.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 69007 were outside control limits for 2-Methylnaphthalene and 4-Nitroaniline. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The laboratory control sample (LCS) for batch 69007 exceeded control limits for the following analytes: for 2-Methylnaphthalene and 4-Nitroaniline.

The following sample(s) was diluted due to the nature of the sample matrix and abundance of target analytes: 460-24279-2. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Refer to the QC report for details.

Samples 460-24279-2(10X) and 460-24279-8(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CHLORIDE

Samples 460-24279-1 through 460-24279-9 were analyzed for total chloride in accordance with ASTM Method D3987-85/9251. The samples were leached on 03/24/2011 and analyzed on 03/28/2011.
ASTM leaching procedure - Insufficient sample was provided to perform the leaching procedure with the required 100g for the following samples: 460-24279-1, 460-24279-2, 460-24279-3, 460-24279-4, 460-24279-5, 460-24279-6, 460-24279-7, 460-24279-8, 460-24279-9. The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

No difficulties were encountered during the total chloride analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-24279-1 through 460-24279-9 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 03/22/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Samples 460-24279-1 through 460-24279-9 were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 03/30/2011 and analyzed on 04/02/2011 and 04/05/2011.

Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-24279-2. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-24279-7. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-24279-8. o-Terphenyl failed the surrogate recovery criteria low for 460-24279-9. Refer to the QC report for details.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for LCS 460-68954/2-A. Refer to the QC report for details.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for the MS of sample 460-24277-1 in batch 460-69393.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for the MSD of sample 460-24277-1 in batch 460-69045.

The following samples were diluted due to the abundance of target analytes: 460-24279-2, 460-24279-7, 460-24279-8, 460-24279-9. Elevated reporting limits (RLs) are provided.

Due to the level of dilution required for the following samples, surrogate recoveries are not reported: 460-24279-2, 460-24279-7, 460-24279-8.

OTP surrogate recovery for the following samples were outside control limits: 460-24279-9. Evidence of matrix interference is present and Chlorobenzene surrogate recovery was within control limits, therefore, re-analysis was not performed.

Refer to the QC report for details.

Samples 460-24279-2(50X), 460-24279-7(20X), 460-24279-8(20X) and 460-24279-9(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the QAM 025 analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-24279-1	PMP-6-VD-E (3.5-4.0)	Solid	03/17/2011 1235	03/18/2011 1145
460-24279-2	PMP-6-WT-E (8.0-8.5)	Solid	03/17/2011 1240	03/18/2011 1145
460-24279-3	PMP-6-SI-E (10.5-11.0)	Solid	03/17/2011 1245	03/18/2011 1145
460-24279-4	PMP3-VD-E (3.5-4.0)	Solid	03/17/2011 1305	03/18/2011 1145
460-24279-5	PMP-3-WT-E (8.0-8.5)	Solid	03/17/2011 1310	03/18/2011 1145
460-24279-6	PMP3-SI-E (10.5-11)	Solid	03/17/2011 1315	03/18/2011 1145
460-24279-7	PMP-7-VD-E (3.5-4)	Solid	03/17/2011 1330	03/18/2011 1145
460-24279-8	PMP-7-WT-E (8-8.5)	Solid	03/17/2011 1335	03/18/2011 1145
460-24279-9	PMP-7-SI-E (10.5-11)	Solid	03/17/2011 1340	03/18/2011 1145

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24279-1	**PMP-6-VD-E (3.5-4.0)**					
Acetone		20	B	9.0	ug/Kg	8260B
cis-1,2-Dichloroethene		1.9		0.90	ug/Kg	8260B
Chlorobenzene		0.68	J	0.90	ug/Kg	8260B
Trichloroethene		0.70	J	0.90	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.7		0.90	ug/Kg	8260B
Aroclor 1242		230		71	ug/Kg	8082
Percent Moisture		5.5		1.0	%	Moisture
Percent Solids		94.5		1.0	%	Moisture
460-24279-2	**PMP-6-WT-E (8.0-8.5)**					
cis-1,2-Dichloroethene		32	J	51	ug/Kg	8260B
Ethylbenzene		310		51	ug/Kg	8260B
Isopropylbenzene		430		51	ug/Kg	8260B
Toluene		12	J	51	ug/Kg	8260B
1,2,4-Trichlorobenzene		960		51	ug/Kg	8260B
Methylcyclohexane		180		51	ug/Kg	8260B
Xylenes, Total		900		150	ug/Kg	8260B
Naphthalene		3600	J D	3700	ug/Kg	8270C
2-Methylnaphthalene		30000	D *	3700	ug/Kg	8270C
Diphenyl		3600	J D	3700	ug/Kg	8270C
Acenaphthene		1700	J D	3700	ug/Kg	8270C
Dibenzofuran		1100	J D	3700	ug/Kg	8270C
Fluorene		3500	J D	3700	ug/Kg	8270C
Phenanthrene		6900	D	3700	ug/Kg	8270C
Aroclor 1242		350000		15000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		6000		310	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.7		1.0	%	Moisture
Percent Solids		88.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24279-3	**PMP-6-SI-E (10.5-11.0)**					
Acetone		58		5.8	ug/Kg	8260B
Carbon disulfide		1.7		0.58	ug/Kg	8260B
trans-1,2-Dichloroethene		0.19	J	0.58	ug/Kg	8260B
cis-1,2-Dichloroethene		82		0.58	ug/Kg	8260B
Ethylbenzene		8.2		0.58	ug/Kg	8260B
Chlorobenzene		1.2		0.58	ug/Kg	8260B
Isopropylbenzene		7.8		0.58	ug/Kg	8260B
Freon TF		0.45	J	0.58	ug/Kg	8260B
Trichloroethene		2.3		0.58	ug/Kg	8260B
Toluene		0.61		0.58	ug/Kg	8260B
1,2-Dichlorobenzene		1.9		0.58	ug/Kg	8260B
1,2,4-Trichlorobenzene		13		0.58	ug/Kg	8260B
Methylcyclohexane		7.5		0.58	ug/Kg	8260B
Tetrachloroethene		1.4		0.58	ug/Kg	8260B
Xylenes, Total		30		1.7	ug/Kg	8260B
Naphthalene		380		380	ug/Kg	8270C
2-Methylnaphthalene		2200	*	380	ug/Kg	8270C
Diphenyl		74	J	380	ug/Kg	8270C
Acenaphthene		100	J	380	ug/Kg	8270C
Dibenzofuran		85	J	380	ug/Kg	8270C
Fluorene		270	J	380	ug/Kg	8270C
Phenanthrene		490		380	ug/Kg	8270C
Aroclor 1242		32000		1500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		250	*	6.3	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.0		1.0	%	Moisture
Percent Solids		87.0		1.0	%	Moisture
460-24279-4	**PMP3-VD-E (3.5-4.0)**					
Acetone		14	B	9.2	ug/Kg	8260B
cis-1,2-Dichloroethene		3.0		0.92	ug/Kg	8260B
Trichloroethene		3.1		0.92	ug/Kg	8260B
Tetrachloroethene		0.64	J	0.92	ug/Kg	8260B
Aroclor 1242		44	J	70	ug/Kg	8082
Percent Moisture		4.7		1.0	%	Moisture
Percent Solids		95.3		1.0	%	Moisture
460-24279-5	**PMP-3-WT-E (8.0-8.5)**					
Acetone		15		10	ug/Kg	8260B
Chloroform		0.50	J	1.0	ug/Kg	8260B
Aroclor 1242		56	J	76	ug/Kg	8082
Percent Moisture		11.9		1.0	%	Moisture
Percent Solids		88.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24279-6	**PMP3-SI-E (10.5-11)**					
Acetone		7.0	B	5.4	ug/Kg	8260B
Chloroform		0.58		0.54	ug/Kg	8260B
Aroclor 1248		210		77	ug/Kg	8082
Total Chloride		29.0	J	100	mg/Kg	9251
Percent Moisture		13.1		1.0	%	Moisture
Percent Solids		86.9		1.0	%	Moisture
460-24279-7	**PMP-7-VD-E (3.5-4)**					
Acetone		900		520	ug/Kg	8260B
1,3-Dichlorobenzene		49	J	52	ug/Kg	8260B
1,2,4-Trichlorobenzene		840		52	ug/Kg	8260B
Naphthalene		110	J	350	ug/Kg	8270C
Pyrene		340	J	350	ug/Kg	8270C
Benzo[b]fluoranthene		11	J	35	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		130	J	350	ug/Kg	8270C
Aroclor 1248		100000		7100	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2900	*	120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.8		1.0	%	Moisture
Percent Solids		94.2		1.0	%	Moisture
460-24279-8	**PMP-7-WT-E (8-8.5)**					
Acetone		370	J	500	ug/Kg	8260B
Ethylbenzene		69		50	ug/Kg	8260B
Isopropylbenzene		180		50	ug/Kg	8260B
Toluene		17	J	50	ug/Kg	8260B
1,3-Dichlorobenzene		21	J	50	ug/Kg	8260B
1,4-Dichlorobenzene		33	J	50	ug/Kg	8260B
1,2,4-Trichlorobenzene		3800		50	ug/Kg	8260B
1,2,3-Trichlorobenzene		600		50	ug/Kg	8260B
Methylcyclohexane		160		50	ug/Kg	8260B
Xylenes, Total		360		150	ug/Kg	8260B
2-Methylnaphthalene		9600	*	1800	ug/Kg	8270C
Diphenyl		1800		1800	ug/Kg	8270C
Acenaphthene		1600	J	1800	ug/Kg	8270C
Dibenzofuran		490	J	1800	ug/Kg	8270C
Fluorene		2000		1800	ug/Kg	8270C
Phenanthrene		3100		1800	ug/Kg	8270C
Pyrene		600	J	1800	ug/Kg	8270C
Aroclor 1242		530000		37000	ug/Kg	8082
Aroclor 1260		52000		37000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3200	*	120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.0		1.0	%	Moisture
Percent Solids		91.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24279-9	**PMP-7-SI-E (10.5-11)**					
Ethylbenzene		34		30	ug/Kg	8260B
Isopropylbenzene		52		30	ug/Kg	8260B
Toluene		7.2	J	30	ug/Kg	8260B
1,2,4-Trichlorobenzene		1100		30	ug/Kg	8260B
1,2,3-Trichlorobenzene		270		30	ug/Kg	8260B
Methylcyclohexane		76		30	ug/Kg	8260B
Xylenes, Total		150		91	ug/Kg	8260B
Naphthalene		1200		380	ug/Kg	8270C
2-Methylnaphthalene		4000	*	380	ug/Kg	8270C
Diphenyl		390		380	ug/Kg	8270C
Acenaphthene		310	J	380	ug/Kg	8270C
Dibenzofuran		130	J	380	ug/Kg	8270C
Fluorene		500		380	ug/Kg	8270C
Phenanthrene		780		380	ug/Kg	8270C
Pyrene		120	J	380	ug/Kg	8270C
Aroclor 1242		37000		1900	ug/Kg	8082
Aroclor 1260		4500		1900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		720	*	31	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.6		1.0	%	Moisture
Percent Solids		87.4		1.0	%	Moisture

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-24279-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Microwave Extraction	TAL EDI		SW846 3546
Chloride	TAL EDI	SW846 9251	
Leaching Procedure	TAL EDI		ASTM D3987-85
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Antea USA, Inc. Job Number: 460-24279-1

Method	Analyst	Analyst ID
SW846 8260B	Desai, Saurab	SD
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Szczech, Anna	AS
SW846 8082	Boykin, Carol B	CBB
NJDEP NJ-OQA-QAM-025	Yip, Ming	MY
SW846 9251	Cabanganan, Maria	MB
EPA Moisture	Retana, Camille	CR

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-1 Date Sampled: 03/17/2011 1235
Client Matrix: Solid % Moisture: 5.5 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68728		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46714.d
Dilution:	1.0			Initial Weight/Volume:	5.91 g
Date Analyzed:	03/29/2011 0118			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2205				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.90	U	0.57	0.90
Bromomethane		0.90	U	0.37	0.90
Vinyl chloride		0.90	U	0.21	0.90
Chloroethane		0.90	U	0.36	0.90
Methylene Chloride		0.90	U	0.42	0.90
Acetone		20	B	3.3	9.0
Carbon disulfide		0.90	U	0.42	0.90
Trichlorofluoromethane		0.90	U	0.23	0.90
1,1-Dichloroethene		0.90	U	0.33	0.90
1,1-Dichloroethane		0.90	U	0.23	0.90
trans-1,2-Dichloroethene		0.90	U	0.25	0.90
cis-1,2-Dichloroethene		1.9		0.21	0.90
Chloroform		0.90	U	0.21	0.90
2-Butanone		9.0	U	0.51	9.0
1,2-Dichloroethane		0.90	U	0.35	0.90
1,1,1-Trichloroethane		0.90	U	0.17	0.90
Carbon tetrachloride		0.90	U	0.090	0.90
Benzene		0.90	U	0.66	0.90
Bromoform		0.90	U	0.63	0.90
Styrene		0.90	U	0.31	0.90
Ethylbenzene		0.90	U	0.17	0.90
Chlorobenzene		0.68	J	0.43	0.90
Cyclohexane		0.90	U	0.20	0.90
Isopropylbenzene		0.90	U	0.23	0.90
2-Hexanone		9.0	U	1.5	9.0
MTBE		0.90	U	0.31	0.90
Freon TF		0.90	U	0.43	0.90
Methyl acetate		0.90	U	0.80	0.90
1,4-Dioxane		45	U	3.7	45
Trichloroethene		0.70	J	0.33	0.90
Toluene		0.90	U	0.27	0.90
trans-1,3-Dichloropropene		0.90	U	0.20	0.90
4-Methyl-2-pentanone		9.0	U	0.64	9.0
cis-1,3-Dichloropropene		0.90	U	0.18	0.90
1,2-Dichlorobenzene		0.90	U	0.57	0.90
1,3-Dichlorobenzene		0.90	U	0.43	0.90
1,4-Dichlorobenzene		0.90	U	0.64	0.90
1,2,4-Trichlorobenzene		1.7		0.48	0.90
1,2,3-Trichlorobenzene		0.90	U	0.58	0.90
1,2-Dichloropropane		0.90	U	0.28	0.90
Methylcyclohexane		0.90	U	0.24	0.90
Tetrachloroethene		0.90	U	0.30	0.90
Xylenes, Total		2.7	U	0.70	2.7
1,2-Dibromo-3-Chloropropane		0.90	U	0.55	0.90
1,1,2,2-Tetrachloroethane		0.90	U	0.68	0.90
1,1,2-Trichloroethane		0.90	U	0.53	0.90

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-1 Date Sampled: 03/17/2011 1235
Client Matrix: Solid % Moisture: 5.5 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68728		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46714.d
Dilution:	1.0			Initial Weight/Volume:	5.91 g
Date Analyzed:	03/29/2011 0118			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2205				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.90	U	0.50	0.90
1,2-Dibromoethane		0.90	U	0.46	0.90
Dichlorodifluoromethane		0.90	U	0.36	0.90
Bromochloromethane		0.90	U	0.24	0.90
Bromodichloromethane		0.90	U	0.27	0.90

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 138
Toluene-d8 (Surr)	89		66 - 126
Bromofluorobenzene	94		72 - 132

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-1 Date Sampled: 03/17/2011 1235
Client Matrix: Solid % Moisture: 5.5 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68728		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46714.d
Dilution:	1.0			Initial Weight/Volume:	5.91 g
Date Analyzed:	03/29/2011 0118			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2205				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-2 Date Sampled: 03/17/2011 1240
Client Matrix: Solid % Moisture: 11.7 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98787.d
Dilution:	50			Initial Weight/Volume:	5.6 g
Date Analyzed:	03/31/2011 1425			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2118				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		51	U	11	51
Bromomethane		51	U	16	51
Vinyl chloride		51	U	6.1	51
Chloroethane		51	U	23	51
Methylene Chloride		51	U	9.7	51
Acetone		510	U	130	510
Carbon disulfide		51	U	7.4	51
Trichlorofluoromethane		51	U	7.9	51
1,1-Dichloroethene		51	U	7.1	51
1,1-Dichloroethane		51	U	5.1	51
trans-1,2-Dichloroethene		51	U	7.0	51
cis-1,2-Dichloroethene		32	J	9.8	51
Chloroform		51	U	7.8	51
2-Butanone		510	U	41	510
1,2-Dichloroethane		51	U	12	51
1,1,1-Trichloroethane		51	U	13	51
Carbon tetrachloride		51	U	9.1	51
Benzene		51	U	6.0	51
Bromoform		51	U	5.0	51
Styrene		51	U	7.0	51
Ethylbenzene		310		12	51
Chlorobenzene		51	U	8.3	51
Cyclohexane		51	U	6.3	51
Isopropylbenzene		430		11	51
2-Hexanone		510	U	28	510
MTBE		51	U	9.4	51
Freon TF		51	U	15	51
Methyl acetate		100	U	17	100
1,4-Dioxane		2500	U	430	2500
Trichloroethene		51	U	9.0	51
Toluene		12	J	4.8	51
trans-1,3-Dichloropropene		51	U	6.2	51
4-Methyl-2-pentanone		510	U	34	510
cis-1,3-Dichloropropene		51	U	5.2	51
1,2-Dichlorobenzene		51	U	8.2	51
1,3-Dichlorobenzene		51	U	11	51
1,4-Dichlorobenzene		51	U	7.6	51
1,2,4-Trichlorobenzene		960		22	51
1,2,3-Trichlorobenzene		51	U	42	51
1,2-Dichloropropane		51	U	4.4	51
Methylcyclohexane		180		4.0	51
Tetrachloroethene		51	U	9.9	51
Xylenes, Total		900		22	150
1,2-Dibromo-3-Chloropropane		51	U	7.8	51
1,1,2,2-Tetrachloroethane		51	U	4.4	51
1,1,2-Trichloroethane		51	U	4.9	51

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-2 Date Sampled: 03/17/2011 1240
Client Matrix: Solid % Moisture: 11.7 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98787.d
Dilution:	50			Initial Weight/Volume:	5.6 g
Date Analyzed:	03/31/2011 1425			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2118				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		51	U	5.1	51
1,2-Dibromoethane		51	U	4.6	51
Dichlorodifluoromethane		51	U	14	51
Bromochloromethane		51	U	8.7	51
Bromodichloromethane		51	U	4.5	51

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		57 - 135
Toluene-d8 (Surr)	78		46 - 130
Bromofluorobenzene	106		50 - 124

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-2 Date Sampled: 03/17/2011 1240
Client Matrix: Solid % Moisture: 11.7 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98787.d
Dilution:	50			Initial Weight/Volume:	5.6 g
Date Analyzed:	03/31/2011 1425			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2118				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	12.90	24000	J
95-63-6	1,2,4-Trimethylbenzene	13.37	11000	
	C10H14 Aromatic	13.62	18000	J
	Unknown Alkane-1	14.15	13000	J
	Decahydronaphthalene isomer	14.23	13000	J
	Diethylmethylbenzene isomer	14.75	23000	J
	Decahydromethylnaphthalene isomer	14.99	11000	J
	Decahydromethylnaphthalene isomer-1	15.28	13000	J
	Ethyldimethylbenzene isomer-2	15.76	26000	J
	Unknown Aromatic-1	16.50	9300	J

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-SI-E (10.5-11.0)**

Lab Sample ID: 460-24279-3 Date Sampled: 03/17/2011 1245
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68929		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46758.d
Dilution:	1.0			Initial Weight/Volume:	9.91 g
Date Analyzed:	03/30/2011 0814			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2205				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.58	U	0.37	0.58
Bromomethane		0.58	U	0.24	0.58
Vinyl chloride		0.58	U	0.14	0.58
Chloroethane		0.58	U	0.23	0.58
Methylene Chloride		0.58	U	0.27	0.58
Acetone		58		2.1	5.8
Carbon disulfide		1.7		0.27	0.58
Trichlorofluoromethane		0.58	U	0.15	0.58
1,1-Dichloroethene		0.58	U	0.21	0.58
1,1-Dichloroethane		0.58	U	0.15	0.58
trans-1,2-Dichloroethene		0.19	J	0.16	0.58
cis-1,2-Dichloroethene		82		0.14	0.58
Chloroform		0.58	U	0.14	0.58
2-Butanone		5.8	U	0.33	5.8
1,2-Dichloroethane		0.58	U	0.23	0.58
1,1,1-Trichloroethane		0.58	U	0.11	0.58
Carbon tetrachloride		0.58	U	0.059	0.58
Benzene		0.58	U	0.43	0.58
Bromoform		0.58	U	0.41	0.58
Styrene		0.58	U	0.20	0.58
Ethylbenzene		8.2		0.11	0.58
Chlorobenzene		1.2		0.28	0.58
Cyclohexane		0.58	U	0.13	0.58
Isopropylbenzene		7.8		0.15	0.58
2-Hexanone		5.8	U	0.97	5.8
MTBE		0.58	U	0.20	0.58
Freon TF		0.45	J	0.28	0.58
Methyl acetate		0.58	U	0.52	0.58
1,4-Dioxane		29	U	2.4	29
Trichloroethene		2.3		0.21	0.58
Toluene		0.61		0.17	0.58
trans-1,3-Dichloropropene		0.58	U	0.13	0.58
4-Methyl-2-pentanone		5.8	U	0.41	5.8
cis-1,3-Dichloropropene		0.58	U	0.12	0.58
1,2-Dichlorobenzene		1.9		0.37	0.58
1,3-Dichlorobenzene		0.58	U	0.28	0.58
1,4-Dichlorobenzene		0.58	U	0.41	0.58
1,2,4-Trichlorobenzene		13		0.31	0.58
1,2,3-Trichlorobenzene		0.58	U	0.38	0.58
1,2-Dichloropropane		0.58	U	0.18	0.58
Methylcyclohexane		7.5		0.16	0.58
Tetrachloroethene		1.4		0.19	0.58
Xylenes, Total		30		0.46	1.7
1,2-Dibromo-3-Chloropropane		0.58	U	0.35	0.58
1,1,2,2-Tetrachloroethane		0.58	U	0.44	0.58
1,1,2-Trichloroethane		0.58	U	0.34	0.58

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-SI-E (10.5-11.0)**

Lab Sample ID: 460-24279-3 Date Sampled: 03/17/2011 1245
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68929		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46758.d
Dilution:	1.0			Initial Weight/Volume:	9.91 g
Date Analyzed:	03/30/2011 0814			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2205				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.58	U	0.32	0.58
1,2-Dibromoethane		0.58	U	0.30	0.58
Dichlorodifluoromethane		0.58	U	0.24	0.58
Bromochloromethane		0.58	U	0.16	0.58
Bromodichloromethane		0.58	U	0.18	0.58

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		70 - 138
Toluene-d8 (Surr)	72		66 - 126
Bromofluorobenzene	77		72 - 132

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-SI-E (10.5-11.0)**

Lab Sample ID: 460-24279-3 Date Sampled: 03/17/2011 1245
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68929		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46758.d
Dilution:	1.0			Initial Weight/Volume:	9.91 g
Date Analyzed:	03/30/2011 0814			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2205				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-63-6	1,2,4-Trimethylbenzene	11.00	140	
	Decahydromethylnaphthalene isomer	12.89	91	J
	Methyl-methylethylbenzene isomer	12.93	97	J
	Unknown	13.11	97	J
	Coeluting Aromatics	13.31	140	J
	C12H26 Alkane	13.38	160	J
	C13H28 Alkane	13.52	110	J
91-20-3	Naphthalene	13.84	99	
	C12H24 Cycloalkane	13.86	120	J
91-57-6	Naphthalene, 2-methyl-	14.74	80	J N

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-4 Date Sampled: 03/17/2011 1305
Client Matrix: Solid % Moisture: 4.7 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68728		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46715.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Date Analyzed:	03/29/2011 0143			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2206				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.92	U	0.58	0.92
Bromomethane		0.92	U	0.38	0.92
Vinyl chloride		0.92	U	0.22	0.92
Chloroethane		0.92	U	0.37	0.92
Methylene Chloride		0.92	U	0.43	0.92
Acetone		14	B	3.4	9.2
Carbon disulfide		0.92	U	0.43	0.92
Trichlorofluoromethane		0.92	U	0.24	0.92
1,1-Dichloroethene		0.92	U	0.34	0.92
1,1-Dichloroethane		0.92	U	0.23	0.92
trans-1,2-Dichloroethene		0.92	U	0.26	0.92
cis-1,2-Dichloroethene		3.0		0.22	0.92
Chloroform		0.92	U	0.22	0.92
2-Butanone		9.2	U	0.52	9.2
1,2-Dichloroethane		0.92	U	0.36	0.92
1,1,1-Trichloroethane		0.92	U	0.17	0.92
Carbon tetrachloride		0.92	U	0.093	0.92
Benzene		0.92	U	0.68	0.92
Bromoform		0.92	U	0.65	0.92
Styrene		0.92	U	0.32	0.92
Ethylbenzene		0.92	U	0.18	0.92
Chlorobenzene		0.92	U	0.44	0.92
Cyclohexane		0.92	U	0.20	0.92
Isopropylbenzene		0.92	U	0.24	0.92
2-Hexanone		9.2	U	1.5	9.2
MTBE		0.92	U	0.32	0.92
Freon TF		0.92	U	0.44	0.92
Methyl acetate		0.92	U	0.83	0.92
1,4-Dioxane		46	U	3.8	46
Trichloroethene		3.1		0.33	0.92
Toluene		0.92	U	0.28	0.92
trans-1,3-Dichloropropene		0.92	U	0.20	0.92
4-Methyl-2-pentanone		9.2	U	0.66	9.2
cis-1,3-Dichloropropene		0.92	U	0.19	0.92
1,2-Dichlorobenzene		0.92	U	0.59	0.92
1,3-Dichlorobenzene		0.92	U	0.45	0.92
1,4-Dichlorobenzene		0.92	U	0.66	0.92
1,2,4-Trichlorobenzene		0.92	U	0.49	0.92
1,2,3-Trichlorobenzene		0.92	U	0.60	0.92
1,2-Dichloropropane		0.92	U	0.29	0.92
Methylcyclohexane		0.92	U	0.25	0.92
Tetrachloroethene		0.64	J	0.30	0.92
Xylenes, Total		2.8	U	0.72	2.8
1,2-Dibromo-3-Chloropropane		0.92	U	0.56	0.92
1,1,2,2-Tetrachloroethane		0.92	U	0.70	0.92
1,1,2-Trichloroethane		0.92	U	0.55	0.92

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-4 Date Sampled: 03/17/2011 1305
Client Matrix: Solid % Moisture: 4.7 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68728		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46715.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Date Analyzed:	03/29/2011 0143			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2206				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.92	U	0.52	0.92
1,2-Dibromoethane		0.92	U	0.48	0.92
Dichlorodifluoromethane		0.92	U	0.38	0.92
Bromochloromethane		0.92	U	0.25	0.92
Bromodichloromethane		0.92	U	0.28	0.92

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 138
Toluene-d8 (Surr)	89		66 - 126
Bromofluorobenzene	93		72 - 132

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-4 Date Sampled: 03/17/2011 1305
Client Matrix: Solid % Moisture: 4.7 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68728		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46715.d
Dilution:	1.0			Initial Weight/Volume:	5.69 g
Date Analyzed:	03/29/2011 0143			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2206				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-3-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-5 Date Sampled: 03/17/2011 1310
Client Matrix: Solid % Moisture: 11.9 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68929		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46757.d
Dilution:	1.0			Initial Weight/Volume:	5.42 g
Date Analyzed:	03/30/2011 0749			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2206				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.0	U	0.66	1.0
Bromomethane		1.0	U	0.43	1.0
Vinyl chloride		1.0	U	0.24	1.0
Chloroethane		1.0	U	0.42	1.0
Methylene Chloride		1.0	U	0.49	1.0
Acetone		15		3.9	10
Carbon disulfide		1.0	U	0.49	1.0
Trichlorofluoromethane		1.0	U	0.27	1.0
1,1-Dichloroethene		1.0	U	0.39	1.0
1,1-Dichloroethane		1.0	U	0.26	1.0
trans-1,2-Dichloroethene		1.0	U	0.30	1.0
cis-1,2-Dichloroethene		1.0	U	0.25	1.0
Chloroform		0.50	J	0.25	1.0
2-Butanone		10	U	0.60	10
1,2-Dichloroethane		1.0	U	0.41	1.0
1,1,1-Trichloroethane		1.0	U	0.20	1.0
Carbon tetrachloride		1.0	U	0.11	1.0
Benzene		1.0	U	0.77	1.0
Bromoform		1.0	U	0.73	1.0
Styrene		1.0	U	0.36	1.0
Ethylbenzene		1.0	U	0.20	1.0
Chlorobenzene		1.0	U	0.50	1.0
Cyclohexane		1.0	U	0.23	1.0
Isopropylbenzene		1.0	U	0.27	1.0
2-Hexanone		10	U	1.8	10
MTBE		1.0	U	0.36	1.0
Freon TF		1.0	U	0.50	1.0
Methyl acetate		1.0	U	0.94	1.0
1,4-Dioxane		52	U	4.3	52
Trichloroethene		1.0	U	0.38	1.0
Toluene		1.0	U	0.31	1.0
trans-1,3-Dichloropropene		1.0	U	0.23	1.0
4-Methyl-2-pentanone		10	U	0.75	10
cis-1,3-Dichloropropene		1.0	U	0.21	1.0
1,2-Dichlorobenzene		1.0	U	0.67	1.0
1,3-Dichlorobenzene		1.0	U	0.51	1.0
1,4-Dichlorobenzene		1.0	U	0.74	1.0
1,2,4-Trichlorobenzene		1.0	U	0.56	1.0
1,2,3-Trichlorobenzene		1.0	U	0.68	1.0
1,2-Dichloropropane		1.0	U	0.33	1.0
Methylcyclohexane		1.0	U	0.29	1.0
Tetrachloroethene		1.0	U	0.35	1.0
Xylenes, Total		3.1	U	0.82	3.1
1,2-Dibromo-3-Chloropropane		1.0	U	0.64	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.80	1.0
1,1,2-Trichloroethane		1.0	U	0.62	1.0

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-3-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-5 Date Sampled: 03/17/2011 1310
Client Matrix: Solid % Moisture: 11.9 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68929		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46757.d
Dilution:	1.0			Initial Weight/Volume:	5.42 g
Date Analyzed:	03/30/2011 0749			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2206				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.0	U	0.59	1.0
1,2-Dibromoethane		1.0	U	0.54	1.0
Dichlorodifluoromethane		1.0	U	0.43	1.0
Bromochloromethane		1.0	U	0.28	1.0
Bromodichloromethane		1.0	U	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 138
Toluene-d8 (Surr)	81		66 - 126
Bromofluorobenzene	92		72 - 132

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-3-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-5 Date Sampled: 03/17/2011 1310
Client Matrix: Solid % Moisture: 11.9 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68929		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46757.d
Dilution:	1.0			Initial Weight/Volume:	5.42 g
Date Analyzed:	03/30/2011 0749			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2206				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-SI-E (10.5-11)**

Lab Sample ID: 460-24279-6 Date Sampled: 03/17/2011 1315
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68728		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46717.d
Dilution:	1.0			Initial Weight/Volume:	10.73 g
Date Analyzed:	03/29/2011 0233			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2206				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.54	U	0.34	0.54
Bromomethane		0.54	U	0.22	0.54
Vinyl chloride		0.54	U	0.13	0.54
Chloroethane		0.54	U	0.21	0.54
Methylene Chloride		0.54	U	0.25	0.54
Acetone		7.0	B	2.0	5.4
Carbon disulfide		0.54	U	0.25	0.54
Trichlorofluoromethane		0.54	U	0.14	0.54
1,1-Dichloroethene		0.54	U	0.20	0.54
1,1-Dichloroethane		0.54	U	0.14	0.54
trans-1,2-Dichloroethene		0.54	U	0.15	0.54
cis-1,2-Dichloroethene		0.54	U	0.13	0.54
Chloroform		0.58		0.13	0.54
2-Butanone		5.4	U	0.31	5.4
1,2-Dichloroethane		0.54	U	0.21	0.54
1,1,1-Trichloroethane		0.54	U	0.10	0.54
Carbon tetrachloride		0.54	U	0.054	0.54
Benzene		0.54	U	0.40	0.54
Bromoform		0.54	U	0.38	0.54
Styrene		0.54	U	0.19	0.54
Ethylbenzene		0.54	U	0.10	0.54
Chlorobenzene		0.54	U	0.26	0.54
Cyclohexane		0.54	U	0.12	0.54
Isopropylbenzene		0.54	U	0.14	0.54
2-Hexanone		5.4	U	0.90	5.4
MTBE		0.54	U	0.18	0.54
Freon TF		0.54	U	0.26	0.54
Methyl acetate		0.54	U	0.48	0.54
1,4-Dioxane		27	U	2.2	27
Trichloroethene		0.54	U	0.19	0.54
Toluene		0.54	U	0.16	0.54
trans-1,3-Dichloropropene		0.54	U	0.12	0.54
4-Methyl-2-pentanone		5.4	U	0.38	5.4
cis-1,3-Dichloropropene		0.54	U	0.11	0.54
1,2-Dichlorobenzene		0.54	U	0.34	0.54
1,3-Dichlorobenzene		0.54	U	0.26	0.54
1,4-Dichlorobenzene		0.54	U	0.38	0.54
1,2,4-Trichlorobenzene		0.54	U	0.29	0.54
1,2,3-Trichlorobenzene		0.54	U	0.35	0.54
1,2-Dichloropropane		0.54	U	0.17	0.54
Methylcyclohexane		0.54	U	0.15	0.54
Tetrachloroethene		0.54	U	0.18	0.54
Xylenes, Total		1.6	U	0.42	1.6
1,2-Dibromo-3-Chloropropane		0.54	U	0.33	0.54
1,1,2,2-Tetrachloroethane		0.54	U	0.41	0.54
1,1,2-Trichloroethane		0.54	U	0.32	0.54

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-SI-E (10.5-11)**

Lab Sample ID: 460-24279-6 Date Sampled: 03/17/2011 1315
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68728		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46717.d
Dilution:	1.0			Initial Weight/Volume:	10.73 g
Date Analyzed:	03/29/2011 0233			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2206				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.54	U	0.30	0.54
1,2-Dibromoethane		0.54	U	0.28	0.54
Dichlorodifluoromethane		0.54	U	0.22	0.54
Bromochloromethane		0.54	U	0.15	0.54
Bromodichloromethane		0.54	U	0.16	0.54

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 138
Toluene-d8 (Surr)	89		66 - 126
Bromofluorobenzene	95		72 - 132

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-SI-E (10.5-11)**

Lab Sample ID: 460-24279-6 Date Sampled: 03/17/2011 1315
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-68728		Instrument ID:	VOAMS12
Preparation:	5035	Prep Batch: 460-67877		Lab File ID:	o46717.d
Dilution:	1.0			Initial Weight/Volume:	10.73 g
Date Analyzed:	03/29/2011 0233			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2206				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-VD-E (3.5-4)**

Lab Sample ID: 460-24279-7 Date Sampled: 03/17/2011 1330
Client Matrix: Solid % Moisture: 5.8 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98784.d
Dilution:	50			Initial Weight/Volume:	5.06 g
Date Analyzed:	03/31/2011 1248			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2120				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		52	U	11	52
Bromomethane		52	U	16	52
Vinyl chloride		52	U	6.3	52
Chloroethane		52	U	23	52
Methylene Chloride		52	U	10	52
Acetone		900		130	520
Carbon disulfide		52	U	7.7	52
Trichlorofluoromethane		52	U	8.2	52
1,1-Dichloroethene		52	U	7.4	52
1,1-Dichloroethane		52	U	5.2	52
trans-1,2-Dichloroethene		52	U	7.2	52
cis-1,2-Dichloroethene		52	U	10	52
Chloroform		52	U	8.1	52
2-Butanone		520	U	43	520
1,2-Dichloroethane		52	U	13	52
1,1,1-Trichloroethane		52	U	13	52
Carbon tetrachloride		52	U	9.4	52
Benzene		52	U	6.2	52
Bromoform		52	U	5.2	52
Styrene		52	U	7.3	52
Ethylbenzene		52	U	13	52
Chlorobenzene		52	U	8.7	52
Cyclohexane		52	U	6.5	52
Isopropylbenzene		52	U	11	52
2-Hexanone		520	U	29	520
MTBE		52	U	9.7	52
Freon TF		52	U	15	52
Methyl acetate		100	U	17	100
1,4-Dioxane		2600	U	450	2600
Trichloroethene		52	U	9.3	52
Toluene		52	U	5.0	52
trans-1,3-Dichloropropene		52	U	6.4	52
4-Methyl-2-pentanone		520	U	36	520
cis-1,3-Dichloropropene		52	U	5.4	52
1,2-Dichlorobenzene		52	U	8.5	52
1,3-Dichlorobenzene		49	J	12	52
1,4-Dichlorobenzene		52	U	7.9	52
1,2,4-Trichlorobenzene		840		23	52
1,2,3-Trichlorobenzene		52	U	44	52
1,2-Dichloropropane		52	U	4.6	52
Methylcyclohexane		52	U	4.2	52
Tetrachloroethene		52	U	10	52
Xylenes, Total		160	U	23	160
1,2-Dibromo-3-Chloropropane		52	U	8.1	52
1,1,2,2-Tetrachloroethane		52	U	4.5	52
1,1,2-Trichloroethane		52	U	5.1	52

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-VD-E (3.5-4)**

Lab Sample ID: 460-24279-7 Date Sampled: 03/17/2011 1330
Client Matrix: Solid % Moisture: 5.8 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98784.d
Dilution:	50			Initial Weight/Volume:	5.06 g
Date Analyzed:	03/31/2011 1248			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2120				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		52	U	5.3	52
1,2-Dibromoethane		52	U	4.8	52
Dichlorodifluoromethane		52	U	15	52
Bromochloromethane		52	U	9.1	52
Bromodichloromethane		52	U	4.7	52

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		57 - 135
Toluene-d8 (Surr)	82		46 - 130
Bromofluorobenzene	113		50 - 124

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-VD-E (3.5-4)**

Lab Sample ID: 460-24279-7 Date Sampled: 03/17/2011 1330
Client Matrix: Solid % Moisture: 5.8 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98784.d
Dilution:	50			Initial Weight/Volume:	5.06 g
Date Analyzed:	03/31/2011 1248			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2120				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown-3	14.21	4800	J
	Diethylmethylcyclohexane isomer	14.41	3200	J
	Unknown Cycloalkene-1	14.81	2000	J
	Decahydronaphthalene isomer	14.99	3800	J
	Decahydromethylnaphthalene isomer-1	15.28	7400	J
	Decahydrodimethylnaphthalene isomer	15.78	2500	J
	Decahydrodimethylnaphthalene isomer-1	16.07	4200	J
	Decahydrodimethylnaphthalene isomer-2	16.86	2800	J
	Decahydrodimethylnaphthalene isomer-3	17.07	2800	J
	Tetrahydrodimethylnaphthalene isomer-4	17.54	2100	J

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-WT-E (8-8.5)**

Lab Sample ID: 460-24279-8 Date Sampled: 03/17/2011 1335
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98785.d
Dilution:	50			Initial Weight/Volume:	5.53 g
Date Analyzed:	03/31/2011 1321			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2120				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		50	U	10	50
Bromomethane		50	U	16	50
Vinyl chloride		50	U	6.0	50
Chloroethane		50	U	22	50
Methylene Chloride		50	U	9.6	50
Acetone		370	J	120	500
Carbon disulfide		50	U	7.2	50
Trichlorofluoromethane		50	U	7.8	50
1,1-Dichloroethene		50	U	7.0	50
1,1-Dichloroethane		50	U	5.0	50
trans-1,2-Dichloroethene		50	U	6.8	50
cis-1,2-Dichloroethene		50	U	9.6	50
Chloroform		50	U	7.7	50
2-Butanone		500	U	41	500
1,2-Dichloroethane		50	U	12	50
1,1,1-Trichloroethane		50	U	12	50
Carbon tetrachloride		50	U	8.9	50
Benzene		50	U	5.9	50
Bromoform		50	U	4.9	50
Styrene		50	U	6.9	50
Ethylbenzene		69		12	50
Chlorobenzene		50	U	8.2	50
Cyclohexane		50	U	6.2	50
Isopropylbenzene		180		11	50
2-Hexanone		500	U	27	500
MTBE		50	U	9.2	50
Freon TF		50	U	14	50
Methyl acetate		99	U	16	99
1,4-Dioxane		2500	U	420	2500
Trichloroethene		50	U	8.8	50
Toluene		17	J	4.7	50
trans-1,3-Dichloropropene		50	U	6.1	50
4-Methyl-2-pentanone		500	U	34	500
cis-1,3-Dichloropropene		50	U	5.1	50
1,2-Dichlorobenzene		50	U	8.1	50
1,3-Dichlorobenzene		21	J	11	50
1,4-Dichlorobenzene		33	J	7.5	50
1,2,4-Trichlorobenzene		3800		22	50
1,2,3-Trichlorobenzene		600		41	50
1,2-Dichloropropane		50	U	4.3	50
Methylcyclohexane		160		4.0	50
Tetrachloroethene		50	U	9.7	50
Xylenes, Total		360		22	150
1,2-Dibromo-3-Chloropropane		50	U	7.6	50
1,1,2,2-Tetrachloroethane		50	U	4.3	50
1,1,2-Trichloroethane		50	U	4.8	50

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-WT-E (8-8.5)**

Lab Sample ID: 460-24279-8 Date Sampled: 03/17/2011 1335
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98785.d
Dilution:	50			Initial Weight/Volume:	5.53 g
Date Analyzed:	03/31/2011 1321			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2120				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		50	U	5.0	50
1,2-Dibromoethane		50	U	4.5	50
Dichlorodifluoromethane		50	U	14	50
Bromochloromethane		50	U	8.6	50
Bromodichloromethane		50	U	4.4	50

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		57 - 135
Toluene-d8 (Surr)	78		46 - 130
Bromofluorobenzene	101		50 - 124

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-WT-E (8-8.5)**

Lab Sample ID: 460-24279-8 Date Sampled: 03/17/2011 1335
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98785.d
Dilution:	50			Initial Weight/Volume:	5.53 g
Date Analyzed:	03/31/2011 1321			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2120				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	12.22	3300	J
	Unknown Cycloalkane	12.90	6900	J
	C10H14 Aromatic	13.62	6500	J
	Unknown Alkane	14.16	4500	J
	Decahydronaphthalene isomer	14.22	4100	J
	Unknown-1	14.74	11000	J
	Decahydromethylnaphthalene isomer	14.98	4400	J
	Decahydromethylnaphthalene isomer-1	15.27	6700	J
	Unknown Aromatic	15.80	7000	J
52417-50-2	Benzeneacetaldehyde, .alpha.,2,5-trimeth	16.48	10000	J N

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-SI-E (10.5-11)**

Lab Sample ID: 460-24279-9 Date Sampled: 03/17/2011 1340
Client Matrix: Solid % Moisture: 12.6 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98786.d
Dilution:	50			Initial Weight/Volume:	9.47 g
Date Analyzed:	03/31/2011 1353			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2120				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		30	U	6.4	30
Bromomethane		30	U	9.5	30
Vinyl chloride		30	U	3.6	30
Chloroethane		30	U	13	30
Methylene Chloride		30	U	5.8	30
Acetone		300	U	75	300
Carbon disulfide		30	U	4.4	30
Trichlorofluoromethane		30	U	4.7	30
1,1-Dichloroethene		30	U	4.3	30
1,1-Dichloroethane		30	U	3.0	30
trans-1,2-Dichloroethene		30	U	4.2	30
cis-1,2-Dichloroethene		30	U	5.8	30
Chloroform		30	U	4.7	30
2-Butanone		300	U	25	300
1,2-Dichloroethane		30	U	7.4	30
1,1,1-Trichloroethane		30	U	7.5	30
Carbon tetrachloride		30	U	5.4	30
Benzene		30	U	3.6	30
Bromoform		30	U	3.0	30
Styrene		30	U	4.2	30
Ethylbenzene		34		7.5	30
Chlorobenzene		30	U	5.0	30
Cyclohexane		30	U	3.7	30
Isopropylbenzene		52		6.4	30
2-Hexanone		300	U	16	300
MTBE		30	U	5.6	30
Freon TF		30	U	8.7	30
Methyl acetate		60	U	9.9	60
1,4-Dioxane		1500	U	260	1500
Trichloroethene		30	U	5.4	30
Toluene		7.2	J	2.9	30
trans-1,3-Dichloropropene		30	U	3.7	30
4-Methyl-2-pentanone		300	U	21	300
cis-1,3-Dichloropropene		30	U	3.1	30
1,2-Dichlorobenzene		30	U	4.9	30
1,3-Dichlorobenzene		30	U	6.8	30
1,4-Dichlorobenzene		30	U	4.6	30
1,2,4-Trichlorobenzene		1100		13	30
1,2,3-Trichlorobenzene		270		25	30
1,2-Dichloropropane		30	U	2.6	30
Methylcyclohexane		76		2.4	30
Tetrachloroethene		30	U	5.9	30
Xylenes, Total		150		13	91
1,2-Dibromo-3-Chloropropane		30	U	4.6	30
1,1,2,2-Tetrachloroethane		30	U	2.6	30
1,1,2-Trichloroethane		30	U	2.9	30

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-SI-E (10.5-11)**

Lab Sample ID: 460-24279-9 Date Sampled: 03/17/2011 1340
Client Matrix: Solid % Moisture: 12.6 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98786.d
Dilution:	50			Initial Weight/Volume:	9.47 g
Date Analyzed:	03/31/2011 1353			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2120				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		30	U	3.0	30
1,2-Dibromoethane		30	U	2.8	30
Dichlorodifluoromethane		30	U	8.6	30
Bromochloromethane		30	U	5.2	30
Bromodichloromethane		30	U	2.7	30

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		57 - 135
Toluene-d8 (Surr)	80		46 - 130
Bromofluorobenzene	98		50 - 124

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-SI-E (10.5-11)**

Lab Sample ID: 460-24279-9 Date Sampled: 03/17/2011 1340
Client Matrix: Solid % Moisture: 12.6 Date Received: 03/18/2011 1145

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-69045		Instrument ID:	VOAMS8
Preparation:	5035	Prep Batch: 460-67874		Lab File ID:	j98786.d
Dilution:	50			Initial Weight/Volume:	9.47 g
Date Analyzed:	03/31/2011 1353			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2120				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H22 Alkane	12.89	2700	J
	Unknown Cycloalkane/C10H14 Aromatic	13.62	1600	J
	C11H24 Alkane-1	14.15	4100	J
	Unknown Aromatic-3	14.75	1600	J
	Unknown Cycloalkane	14.99	1300	J
	Decahydromethylnaphthalene isomer	15.27	1200	J
	Unknown Aromatic-4	15.79	2000	J
	Unknown Aromatic-6	16.49	3900	J
91-20-3	Naphthalene	16.88	1300	
	Tetrahydromethylnaphthalene isomer	17.88	1900	J

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-1 Date Sampled: 03/17/2011 1235
Client Matrix: Solid % Moisture: 5.5 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15583.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Date Analyzed:	03/31/2011 0436			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	50	350
4-Methylphenol		350	U	57	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.3	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.8	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	57	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		350	U	51	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		71	U	14	71
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	59	350
2-Methylnaphthalene		350	U *	51	350
Hexachlorobenzene		35	U	4.8	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	62	350
2,4,5-Trichlorophenol		350	U	67	350
Diphenyl		350	U	58	350
2-Chloronaphthalene		350	U	49	350
2-Nitroaniline		710	U	96	710
2,6-Dinitrotoluene		71	U	8.9	71
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		710	U	79	710
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	90	1100
2,4-Dinitrophenol		1100	U	74	1100
Dibenzofuran		350	U	52	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	53	350
2,4-Dinitrotoluene		71	U	10	71
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		710	U *	72	710
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	62	350

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-1 Date Sampled: 03/17/2011 1235
Client Matrix: Solid % Moisture: 5.5 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15583.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Date Analyzed:	03/31/2011 0436			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	62	350
Carbazole		350	U	56	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	60	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.5	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	46	350
Di-n-octyl phthalate		350	U	41	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		710	U	77	710
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	70	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	86		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	88		10 - 120
2-Fluorophenol	78		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-1 Date Sampled: 03/17/2011 1235
Client Matrix: Solid % Moisture: 5.5 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15583.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Date Analyzed:	03/31/2011 0436			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-2 Date Sampled: 03/17/2011 1240
Client Matrix: Solid % Moisture: 11.7 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15606.d
Dilution:	10			Initial Weight/Volume:	14.97 g
Date Analyzed:	03/31/2011 1255	Run Type:	DL	Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		3700	U	460	3700
2-Chlorophenol		3700	U	500	3700
2-Methylphenol		3700	U	540	3700
4-Methylphenol		3700	U	610	3700
Benzaldehyde		3700	U	230	3700
Acetophenone		3700	U	560	3700
Bis(2-chloroethyl)ether		370	U	78	370
2,2'-oxybis[1-chloropropane]		3700	U	490	3700
N-Nitrosodi-n-propylamine		370	U	50	370
Nitrobenzene		370	U	84	370
Hexachloroethane		370	U	63	370
Isophorone		3700	U	430	3700
2-Nitrophenol		3700	U	620	3700
2,4-Dimethylphenol		3700	U	600	3700
2,4-Dichlorophenol		3700	U	600	3700
Bis(2-chloroethoxy)methane		3700	U	540	3700
Naphthalene		3600	J D	550	3700
4-Chloroaniline		3700	U	470	3700
Hexachlorobutadiene		760	U	150	760
Caprolactam		3700	U	520	3700
4-Chloro-3-methylphenol		3700	U	630	3700
2-Methylnaphthalene		30000	D *	550	3700
Hexachlorobenzene		370	U	52	370
Hexachlorocyclopentadiene		3700	U	1100	3700
2,4,6-Trichlorophenol		3700	U	670	3700
2,4,5-Trichlorophenol		3700	U	720	3700
Diphenyl		3600	J D	620	3700
2-Chloronaphthalene		3700	U	530	3700
2-Nitroaniline		7600	U	1000	7600
2,6-Dinitrotoluene		760	U	95	760
Dimethyl phthalate		3700	U	510	3700
Acenaphthylene		3700	U	540	3700
3-Nitroaniline		7600	U	850	7600
Acenaphthene		1700	J D	530	3700
4-Nitrophenol		11000	U	960	11000
2,4-Dinitrophenol		11000	U	800	11000
Dibenzofuran		1100	J D	560	3700
Diethyl phthalate		3700	U	500	3700
Fluorene		3500	J D	640	3700
Fluoranthene		3700	U	620	3700
Di-n-butyl phthalate		3700	U	570	3700
2,4-Dinitrotoluene		760	U	110	760
4-Chlorophenyl phenyl ether		3700	U	650	3700
4-Nitroaniline		7600	U *	770	7600
4,6-Dinitro-2-methylphenol		11000	U	1800	11000
4-Bromophenyl phenyl ether		3700	U	670	3700

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-2 Date Sampled: 03/17/2011 1240
Client Matrix: Solid % Moisture: 11.7 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15606.d
Dilution:	10			Initial Weight/Volume:	14.97 g
Date Analyzed:	03/31/2011 1255	Run Type:	DL	Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		3700	U	700	3700
Anthracene		3700	U	660	3700
Carbazole		3700	U	600	3700
Phenanthrene		6900	D	650	3700
Pentachlorophenol		11000	U	1800	11000
Pyrene		3700	U	650	3700
Chrysene		3700	U	550	3700
Benzo[k]fluoranthene		370	U	53	370
Benzo[g,h,i]perylene		3700	U	400	3700
Benzo[b]fluoranthene		370	U	56	370
Benzo[a]pyrene		370	U	46	370
Benzo[a]anthracene		370	U	69	370
N-Nitrosodiphenylamine		3700	U	610	3700
Butyl benzyl phthalate		3700	U	440	3700
Bis(2-ethylhexyl) phthalate		3700	U	500	3700
Di-n-octyl phthalate		3700	U	450	3700
Indeno[1,2,3-cd]pyrene		370	U	60	370
Dibenz(a,h)anthracene		370	U	45	370
3,3'-Dichlorobenzidine		7600	U	830	7600
1,2,4,5-Tetrachlorobenzene		3700	U	500	3700
2,3,4,6-Tetrachlorophenol		3700	U	750	3700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	0	D	38 - 105
Phenol-d5	0	D	41 - 118
Terphenyl-d14	0	D	16 - 151
2,4,6-Tribromophenol	0	D	10 - 120
2-Fluorophenol	0	D	37 - 125
2-Fluorobiphenyl	0	D	40 - 109

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-2 Date Sampled: 03/17/2011 1240
Client Matrix: Solid % Moisture: 11.7 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15606.d
Dilution:	10			Initial Weight/Volume:	14.97 g
Date Analyzed:	03/31/2011 1255	Run Type:	DL	Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C11H24 Alkane	3.12	33000	D J
	C12H26 Alkane	3.87	50000	D J
2051-30-1	Octane, 2,6-dimethyl-	4.34	44000	D J N
	Unknown Alkane	4.52	77000	D J
	Unknown Alkane-2	4.95	77000	D J
	C14H30 Alkane	5.10	120000	D J
	Dimethylnaphthalene isomer	5.13	43000	D J
575-41-7	1,3-Dimethylnaphthalene	5.20	58000	D
	Unknown Alkane-3	5.41	71000	D J
	Unknown-4	5.43	33000	D J
	C15H32 Alkane	5.62	120000	D J
	Trimethylnaphthalene isomer	5.78	28000	D J
	Trimethylnaphthalene isomer-2	5.85	46000	D J
	Unknown Cycloalkane	5.87	40000	D J
	Trimethylnaphthalene isomer-3	5.93	28000	D J
	C16H34 Alkane	6.11	110000	D J
	Unknown Alkane-4	6.32	70000	D J
	Unknown Alkane-5	6.59	160000	D J
593-45-3	n-Octadecane	7.00	71000	D
	Unknown Alkane-6	7.02	38000	D J

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-SI-E (10.5-11.0)**

Lab Sample ID: 460-24279-3 Date Sampled: 03/17/2011 1245
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15585.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Date Analyzed:	03/31/2011 0520			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	56	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380		56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		2200	*	56	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		74	J	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.7	77
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		770	U	86	770
Acenaphthene		100	J	54	380
4-Nitrophenol		1200	U	98	1200
2,4-Dinitrophenol		1200	U	81	1200
Dibenzofuran		85	J	57	380
Diethyl phthalate		380	U	51	380
Fluorene		270	J	64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		770	U *	79	770
4,6-Dinitro-2-methylphenol		1200	U	180	1200
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-SI-E (10.5-11.0)**

Lab Sample ID: 460-24279-3 Date Sampled: 03/17/2011 1245
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15585.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Date Analyzed:	03/31/2011 0520			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	61	380
Phenanthrene		490		66	380
Pentachlorophenol		1200	U	190	1200
Pyrene		380	U	66	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	51	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	84	770
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	84		38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	104		10 - 120
2-Fluorophenol	82		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-SI-E (10.5-11.0)**

Lab Sample ID: 460-24279-3 Date Sampled: 03/17/2011 1245
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15585.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Date Analyzed:	03/31/2011 0520			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C12H26 Alkane	3.87	2000	J
	Unknown Alkane	4.33	2800	J
	Unknown Alkane-2	4.51	3100	J
	Unknown Alkane-3	4.95	5800	J
	Ethylnaphthalene isomer	5.05	2200	J
	C14H30 Alkane	5.09	3100	J
	Dimethylnaphthalene isomer	5.13	3200	J
575-41-7	1,3-Dimethylnaphthalene	5.20	4000	
	Unknown Alkane-4	5.40	5100	J
	Unknown-4	5.43	2700	J
	C15H32 Alkane	5.62	4900	J
	Trimethylnaphthalene isomer-2	5.77	2200	J
	Trimethylnaphthalene isomer-3	5.85	3200	J
	Unknown-5	5.87	3700	J
	Trimethylnaphthalene isomer-4	5.92	3200	J
	C16H34 Alkane	6.10	4800	J
	Unknown Alkane-5	6.32	4800	J
	Unknown Alkane-6	6.57	9800	J
593-45-3	n-Octadecane	6.99	2400	
	Unknown Alkane-7	7.02	2700	J

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-4 Date Sampled: 03/17/2011 1305
Client Matrix: Solid % Moisture: 4.7 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15586.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Date Analyzed:	03/31/2011 0541			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	50	350
4-Methylphenol		350	U	57	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.3	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.8	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	57	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		350	U	51	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		71	U	14	71
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	58	350
2-Methylnaphthalene		350	U *	51	350
Hexachlorobenzene		35	U	4.8	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	62	350
2,4,5-Trichlorophenol		350	U	67	350
Diphenyl		350	U	57	350
2-Chloronaphthalene		350	U	49	350
2-Nitroaniline		710	U	95	710
2,6-Dinitrotoluene		71	U	8.9	71
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		710	U	79	710
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	89	1100
2,4-Dinitrophenol		1100	U	74	1100
Dibenzofuran		350	U	52	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	53	350
2,4-Dinitrotoluene		71	U	10	71
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		710	U *	72	710
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	62	350

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-4 Date Sampled: 03/17/2011 1305
Client Matrix: Solid % Moisture: 4.7 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15586.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Date Analyzed:	03/31/2011 0541			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	61	350
Carbazole		350	U	55	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	60	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.4	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	46	350
Di-n-octyl phthalate		350	U	41	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		710	U	77	710
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	70	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	89		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-4 Date Sampled: 03/17/2011 1305
Client Matrix: Solid % Moisture: 4.7 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15586.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Date Analyzed:	03/31/2011 0541			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-3-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-5 Date Sampled: 03/17/2011 1310
Client Matrix: Solid % Moisture: 11.9 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15587.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0603			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	46	370
2-Chlorophenol		370	U	50	370
2-Methylphenol		370	U	54	370
4-Methylphenol		370	U	62	370
Benzaldehyde		370	U	23	370
Acetophenone		370	U	56	370
Bis(2-chloroethyl)ether		37	U	7.8	37
2,2'-oxybis[1-chloropropane]		370	U	49	370
N-Nitrosodi-n-propylamine		37	U	5.0	37
Nitrobenzene		37	U	8.4	37
Hexachloroethane		37	U	6.3	37
Isophorone		370	U	43	370
2-Nitrophenol		370	U	62	370
2,4-Dimethylphenol		370	U	60	370
2,4-Dichlorophenol		370	U	60	370
Bis(2-chloroethoxy)methane		370	U	54	370
Naphthalene		370	U	55	370
4-Chloroaniline		370	U	47	370
Hexachlorobutadiene		76	U	15	76
Caprolactam		370	U	52	370
4-Chloro-3-methylphenol		370	U	63	370
2-Methylnaphthalene		370	U *	55	370
Hexachlorobenzene		37	U	5.2	37
Hexachlorocyclopentadiene		370	U	110	370
2,4,6-Trichlorophenol		370	U	67	370
2,4,5-Trichlorophenol		370	U	72	370
Diphenyl		370	U	62	370
2-Chloronaphthalene		370	U	53	370
2-Nitroaniline		760	U	100	760
2,6-Dinitrotoluene		76	U	9.5	76
Dimethyl phthalate		370	U	51	370
Acenaphthylene		370	U	54	370
3-Nitroaniline		760	U	85	760
Acenaphthene		370	U	53	370
4-Nitrophenol		1100	U	96	1100
2,4-Dinitrophenol		1100	U	80	1100
Dibenzofuran		370	U	56	370
Diethyl phthalate		370	U	50	370
Fluorene		370	U	64	370
Fluoranthene		370	U	62	370
Di-n-butyl phthalate		370	U	57	370
2,4-Dinitrotoluene		76	U	11	76
4-Chlorophenyl phenyl ether		370	U	65	370
4-Nitroaniline		760	U *	78	760
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		370	U	67	370

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-3-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-5 Date Sampled: 03/17/2011 1310
Client Matrix: Solid % Moisture: 11.9 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15587.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0603			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		370	U	70	370
Anthracene		370	U	66	370
Carbazole		370	U	60	370
Phenanthrene		370	U	65	370
Pentachlorophenol		1100	U	180	1100
Pyrene		370	U	65	370
Chrysene		370	U	55	370
Benzo[k]fluoranthene		37	U	5.3	37
Benzo[g,h,i]perylene		370	U	40	370
Benzo[b]fluoranthene		37	U	5.6	37
Benzo[a]pyrene		37	U	4.6	37
Benzo[a]anthracene		37	U	6.9	37
N-Nitrosodiphenylamine		370	U	61	370
Butyl benzyl phthalate		370	U	44	370
Bis(2-ethylhexyl) phthalate		370	U	50	370
Di-n-octyl phthalate		370	U	45	370
Indeno[1,2,3-cd]pyrene		37	U	6.0	37
Dibenz(a,h)anthracene		37	U	4.5	37
3,3'-Dichlorobenzidine		760	U	83	760
1,2,4,5-Tetrachlorobenzene		370	U	51	370
2,3,4,6-Tetrachlorophenol		370	U	75	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	77		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	89		10 - 120
2-Fluorophenol	76		37 - 125
2-Fluorobiphenyl	75		40 - 109

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-3-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-5 Date Sampled: 03/17/2011 1310
Client Matrix: Solid % Moisture: 11.9 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15587.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0603			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-SI-E (10.5-11)**

Lab Sample ID: 460-24279-6 Date Sampled: 03/17/2011 1315
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15588.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0625			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	57	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380	U	56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		380	U *	56	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.7	77
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		770	U	86	770
Acenaphthene		380	U	54	380
4-Nitrophenol		1200	U	98	1200
2,4-Dinitrophenol		1200	U	81	1200
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		770	U *	79	770
4,6-Dinitro-2-methylphenol		1200	U	180	1200
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-SI-E (10.5-11)**

Lab Sample ID: 460-24279-6 Date Sampled: 03/17/2011 1315
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15588.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0625			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	61	380
Phenanthrene		380	U	66	380
Pentachlorophenol		1200	U	190	1200
Pyrene		380	U	66	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	51	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	84	770
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	85		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-SI-E (10.5-11)**

Lab Sample ID: 460-24279-6 Date Sampled: 03/17/2011 1315
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15588.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0625			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-VD-E (3.5-4)**

Lab Sample ID: 460-24279-7 Date Sampled: 03/17/2011 1330
Client Matrix: Solid % Moisture: 5.8 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15595.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0857			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	51	350
4-Methylphenol		350	U	58	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.3	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.9	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	58	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		110	J	51	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		71	U	14	71
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	59	350
2-Methylnaphthalene		350	U *	51	350
Hexachlorobenzene		35	U	4.9	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	63	350
2,4,5-Trichlorophenol		350	U	68	350
Diphenyl		350	U	58	350
2-Chloronaphthalene		350	U	50	350
2-Nitroaniline		710	U	96	710
2,6-Dinitrotoluene		71	U	8.9	71
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		710	U	79	710
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	90	1100
2,4-Dinitrophenol		1100	U	75	1100
Dibenzofuran		350	U	53	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	54	350
2,4-Dinitrotoluene		71	U	10	71
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		710	U *	72	710
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	63	350

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-VD-E (3.5-4)**

Lab Sample ID: 460-24279-7 Date Sampled: 03/17/2011 1330
Client Matrix: Solid % Moisture: 5.8 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15595.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0857			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	62	350
Carbazole		350	U	56	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1100	U	170	1100
Pyrene		340	J	61	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		11	J	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.5	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		130	J	47	350
Di-n-octyl phthalate		350	U	42	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		710	U	78	710
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	70	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	56		10 - 120
2-Fluorophenol	88		37 - 125
2-Fluorobiphenyl	87		40 - 109

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-VD-E (3.5-4)**

Lab Sample ID: 460-24279-7 Date Sampled: 03/17/2011 1330
Client Matrix: Solid % Moisture: 5.8 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15595.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0857			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2958-75-0	1-Methyldecahydronaphthalene	3.35	2900	J N
	Unknown Alkane	3.97	2800	J
	Unknown	4.02	2400	J
	C14H30 Alkane	4.36	6400	J
	Unknown-2	4.46	2100	J
	Unknown-3	4.63	2600	J
	Unknown-4	4.78	2700	J
	Unknown Alkane-2	4.97	9800	J
	Unknown-5	5.26	4300	J
	Unknown Alkane-3	5.43	8500	J
	Unknown-7	5.46	3800	J
	Unknown-8	5.66	3200	J
	Unknown-9	5.87	2600	J
	Unknown Alkane-4	5.89	3000	J
	Unknown-10	5.94	2300	J
	Unknown-11	6.11	2100	J
	Unknown Alkane-5	6.35	5600	J
	Unknown Alkane-6	6.61	9300	J
	Unknown Alkane-7	7.05	4200	J
	Trichloro-1,1-biphenyl isomer	7.33	2400	J

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-WT-E (8-8.5)**

Lab Sample ID: 460-24279-8 Date Sampled: 03/17/2011 1335
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15605.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Date Analyzed:	03/31/2011 1233			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1800	U	220	1800
2-Chlorophenol		1800	U	240	1800
2-Methylphenol		1800	U	260	1800
4-Methylphenol		1800	U	300	1800
Benzaldehyde		1800	U	110	1800
Acetophenone		1800	U	270	1800
Bis(2-chloroethyl)ether		180	U	38	180
2,2'-oxybis[1-chloropropane]		1800	U	240	1800
N-Nitrosodi-n-propylamine		180	U	24	180
Nitrobenzene		180	U	41	180
Hexachloroethane		180	U	31	180
Isophorone		1800	U	210	1800
2-Nitrophenol		1800	U	300	1800
2,4-Dimethylphenol		1800	U	290	1800
2,4-Dichlorophenol		1800	U	290	1800
Bis(2-chloroethoxy)methane		1800	U	260	1800
Naphthalene		1800	U	270	1800
4-Chloroaniline		1800	U	230	1800
Hexachlorobutadiene		370	U	73	370
Caprolactam		1800	U	250	1800
4-Chloro-3-methylphenol		1800	U	300	1800
2-Methylnaphthalene		9600	*	260	1800
Hexachlorobenzene		180	U	25	180
Hexachlorocyclopentadiene		1800	U	530	1800
2,4,6-Trichlorophenol		1800	U	320	1800
2,4,5-Trichlorophenol		1800	U	350	1800
Diphenyl		1800		300	1800
2-Chloronaphthalene		1800	U	260	1800
2-Nitroaniline		3700	U	500	3700
2,6-Dinitrotoluene		370	U	46	370
Dimethyl phthalate		1800	U	250	1800
Acenaphthylene		1800	U	260	1800
3-Nitroaniline		3700	U	410	3700
Acenaphthene		1600	J	260	1800
4-Nitrophenol		5500	U	470	5500
2,4-Dinitrophenol		5500	U	390	5500
Dibenzofuran		490	J	270	1800
Diethyl phthalate		1800	U	240	1800
Fluorene		2000		310	1800
Fluoranthene		1800	U	300	1800
Di-n-butyl phthalate		1800	U	280	1800
2,4-Dinitrotoluene		370	U	53	370
4-Chlorophenyl phenyl ether		1800	U	310	1800
4-Nitroaniline		3700	U *	370	3700
4,6-Dinitro-2-methylphenol		5500	U	870	5500
4-Bromophenyl phenyl ether		1800	U	320	1800

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-WT-E (8-8.5)**

Lab Sample ID: 460-24279-8 Date Sampled: 03/17/2011 1335
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15605.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Date Analyzed:	03/31/2011 1233			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1800	U	340	1800
Anthracene		1800	U	320	1800
Carbazole		1800	U	290	1800
Phenanthrene		3100		320	1800
Pentachlorophenol		5500	U	890	5500
Pyrene		600	J	310	1800
Chrysene		1800	U	260	1800
Benzo[k]fluoranthene		180	U	25	180
Benzo[g,h,i]perylene		1800	U	190	1800
Benzo[b]fluoranthene		180	U	27	180
Benzo[a]pyrene		180	U	22	180
Benzo[a]anthracene		180	U	34	180
N-Nitrosodiphenylamine		1800	U	300	1800
Butyl benzyl phthalate		1800	U	210	1800
Bis(2-ethylhexyl) phthalate		1800	U	240	1800
Di-n-octyl phthalate		1800	U	220	1800
Indeno[1,2,3-cd]pyrene		180	U	29	180
Dibenz(a,h)anthracene		180	U	22	180
3,3'-Dichlorobenzidine		3700	U	400	3700
1,2,4,5-Tetrachlorobenzene		1800	U	240	1800
2,3,4,6-Tetrachlorophenol		1800	U	360	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	96		38 - 105
Phenol-d5	109		41 - 118
Terphenyl-d14	94		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	98		37 - 125
2-Fluorobiphenyl	103		40 - 109

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-WT-E (8-8.5)**

Lab Sample ID: 460-24279-8 Date Sampled: 03/17/2011 1335
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15605.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Date Analyzed:	03/31/2011 1233			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C11H24 Alkane	3.12	19000	J
	C12H26 Alkane	3.87	15000	J
	C13H28 Alkane	3.96	16000	J
	Unknown-3	4.29	17000	J
	Unknown Alkane	4.35	18000	J
	Unknown-4	4.37	14000	J
	Tetrahydromethylnaphthalene isomer	4.45	17000	J
	Unknown-5	4.52	13000	J
	Tetrahydrodimethylnaphthalene isomer	4.63	14000	J
	Unknown Alkane-2	4.96	30000	J
	Dimethylnaphthalene isomer	5.13	20000	J
575-41-7	1,3-Dimethylnaphthalene	5.20	28000	
	Unknown-6	5.23	17000	J
	Unknown Cycloalkane	5.35	14000	J
	Unknown Alkane-3	5.41	23000	J
	Trimethylnaphthalene isomer-3	5.85	18000	J
	Unknown-7	6.10	21000	J
	Unknown Alkane-4	6.32	21000	J
	Unknown Alkane-5	6.58	30000	J
593-45-3	n-Octadecane	7.02	23000	

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-SI-E (10.5-11)**

Lab Sample ID: 460-24279-9 Date Sampled: 03/17/2011 1340
Client Matrix: Solid % Moisture: 12.6 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15592.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0752			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	46	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	54	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	56	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	43	380
2-Nitrophenol		380	U	62	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		1200		55	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		4000	*	55	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		390		62	380
2-Chloronaphthalene		380	U	53	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.6	77
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		770	U	86	770
Acenaphthene		310	J	54	380
4-Nitrophenol		1100	U	97	1100
2,4-Dinitrophenol		1100	U	80	1100
Dibenzofuran		130	J	57	380
Diethyl phthalate		380	U	51	380
Fluorene		500		64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		770	U *	78	770
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		380	U	67	380

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-SI-E (10.5-11)**

Lab Sample ID: 460-24279-9 Date Sampled: 03/17/2011 1340
Client Matrix: Solid % Moisture: 12.6 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15592.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0752			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	60	380
Phenanthrene		780		66	380
Pentachlorophenol		1100	U	190	1100
Pyrene		120	J	65	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.6	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	50	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	84	770
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	78		41 - 118
Terphenyl-d14	74		16 - 151
2,4,6-Tribromophenol	78		10 - 120
2-Fluorophenol	78		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-SI-E (10.5-11)**

Lab Sample ID: 460-24279-9 Date Sampled: 03/17/2011 1340
Client Matrix: Solid % Moisture: 12.6 Date Received: 03/18/2011 1145

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 460-69101		Instrument ID:	BNAMS11
Preparation:	3541	Prep Batch: 460-69007		Lab File ID:	z15592.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0752			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C11H24 Alkane	3.12	3800	J
	C12H26 Alkane	3.87	4700	J
	Unknown Alkane	3.96	3300	J
	Unknown Alkane-2	4.35	2600	J
	Unknown-2	4.45	2600	J
	C13H28 Alkane	4.52	4800	J
	Tetrahydrodimethylnaphthalene isomer	4.63	3000	J
	Unknown-3	4.95	5400	J
	C14H30 Alkane	5.10	7300	J
	Dimethylnaphthalene isomer	5.13	3900	J
575-41-7	1,3-Dimethylnaphthalene	5.20	5900	
	Unknown-4	5.23	3400	J
	Unknown Alkane-3	5.41	4200	J
	C15H32 Alkane	5.62	6800	J
	Trimethylnaphthalene isomer	5.78	2600	J
	Trimethylnaphthalene isomer-2	5.85	3900	J
	C16H34 Alkane	6.10	7200	J
	Unknown Alkane-4	6.32	3700	J
	Unknown Alkane-5	6.57	5300	J
593-45-3	n-Octadecane	6.99	3100	

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-1 Date Sampled: 03/17/2011 1235
Client Matrix: Solid % Moisture: 5.5 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69334		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	04/01/2011 1357			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		71	U	14	71
Aroclor 1221		71	U	21	71
Aroclor 1232		71	U	40	71
Aroclor 1242		230		13	71
Aroclor 1248		71	U	19	71
Aroclor 1254		71	U	24	71
Aroclor 1260		71	U	7.9	71
Aroclor 1262		71	U	12	71
Aroclor 1268		71	U	12	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-1 Date Sampled: 03/17/2011 1235
Client Matrix: Solid % Moisture: 5.5 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69334		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	04/01/2011 1357			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-2 Date Sampled: 03/17/2011 1240
Client Matrix: Solid % Moisture: 11.7 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69307		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.03 g
Dilution:	200			Final Weight/Volume:	10 mL
Date Analyzed:	04/02/2011 0055			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15000	U	2900	15000
Aroclor 1221		15000	U	4600	15000
Aroclor 1232		15000	U	8600	15000
Aroclor 1242		350000		2900	15000
Aroclor 1248		15000	U	4000	15000
Aroclor 1254		15000	U	5200	15000
Aroclor 1260		15000	U	1700	15000
Aroclor 1262		15000	U	2600	15000
Aroclor 1268		15000	U	2600	15000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-2 Date Sampled: 03/17/2011 1240
Client Matrix: Solid % Moisture: 11.7 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69307		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.03 g
Dilution:	200			Final Weight/Volume:	10 mL
Date Analyzed:	04/02/2011 0055			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-SI-E (10.5-11.0)**

Lab Sample ID: 460-24279-3 Date Sampled: 03/17/2011 1245
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69307		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.00 g
Dilution:	20			Final Weight/Volume:	10 mL
Date Analyzed:	04/02/2011 0111			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1500	U	290	1500
Aroclor 1221		1500	U	460	1500
Aroclor 1232		1500	U	870	1500
Aroclor 1242		32000		290	1500
Aroclor 1248		1500	U	410	1500
Aroclor 1254		1500	U	530	1500
Aroclor 1260		1500	U	170	1500
Aroclor 1262		1500	U	260	1500
Aroclor 1268		1500	U	260	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-SI-E (10.5-11.0)**

Lab Sample ID: 460-24279-3 Date Sampled: 03/17/2011 1245
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69307		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.00 g
Dilution:	20			Final Weight/Volume:	10 mL
Date Analyzed:	04/02/2011 0111			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-4 Date Sampled: 03/17/2011 1305
Client Matrix: Solid % Moisture: 4.7 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69334		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	04/01/2011 1446			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	40	70
Aroclor 1242		44	J	13	70
Aroclor 1248		70	U	19	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-3-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-5 Date Sampled: 03/17/2011 1310
Client Matrix: Solid % Moisture: 11.9 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69334		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	04/01/2011 1503			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		76	U	15	76
Aroclor 1221		76	U	23	76
Aroclor 1232		76	U	43	76
Aroclor 1242		56	J	14	76
Aroclor 1248		76	U	20	76
Aroclor 1254		76	U	26	76
Aroclor 1260		76	U	8.5	76
Aroclor 1262		76	U	13	76
Aroclor 1268		76	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-3-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-5 Date Sampled: 03/17/2011 1310
Client Matrix: Solid % Moisture: 11.9 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69334		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	04/01/2011 1503			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-SI-E (10.5-11)**

Lab Sample ID: 460-24279-6 Date Sampled: 03/17/2011 1315
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69334		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	04/01/2011 1519			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		77	U	15	77
Aroclor 1221		77	U	23	77
Aroclor 1232		77	U	44	77
Aroclor 1242		77	U	15	77
Aroclor 1248		210		20	77
Aroclor 1254		77	U	26	77
Aroclor 1260		77	U	8.6	77
Aroclor 1262		77	U	13	77
Aroclor 1268		77	U	13	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-SI-E (10.5-11)**

Lab Sample ID: 460-24279-6 Date Sampled: 03/17/2011 1315
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69334		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	04/01/2011 1519			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-VD-E (3.5-4)**

Lab Sample ID: 460-24279-7 Date Sampled: 03/17/2011 1330
Client Matrix: Solid % Moisture: 5.8 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69307		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.04 g
Dilution:	100			Final Weight/Volume:	10 mL
Date Analyzed:	04/02/2011 0128			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		7100	U	1400	7100
Aroclor 1221		7100	U	2100	7100
Aroclor 1232		7100	U	4000	7100
Aroclor 1242		7100	U	1300	7100
Aroclor 1248		100000		1900	7100
Aroclor 1254		7100	U	2400	7100
Aroclor 1260		7100	U	790	7100
Aroclor 1262		7100	U	1200	7100
Aroclor 1268		7100	U	1200	7100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-VD-E (3.5-4)**

Lab Sample ID: 460-24279-7 Date Sampled: 03/17/2011 1330
Client Matrix: Solid % Moisture: 5.8 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69307		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.04 g
Dilution:	100			Final Weight/Volume:	10 mL
Date Analyzed:	04/02/2011 0128			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-WT-E (8-8.5)**

Lab Sample ID: 460-24279-8 Date Sampled: 03/17/2011 1335
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69307		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.02 g
Dilution:	500			Final Weight/Volume:	10 mL
Date Analyzed:	04/02/2011 0144			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		37000	U	7000	37000
Aroclor 1221		37000	U	11000	37000
Aroclor 1232		37000	U	21000	37000
Aroclor 1242		530000		7000	37000
Aroclor 1248		37000	U	9800	37000
Aroclor 1254		37000	U	13000	37000
Aroclor 1260		52000		4100	37000
Aroclor 1262		37000	U	6300	37000
Aroclor 1268		37000	U	6300	37000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-WT-E (8-8.5)**

Lab Sample ID: 460-24279-8 Date Sampled: 03/17/2011 1335
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69307		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.02 g
Dilution:	500			Final Weight/Volume:	10 mL
Date Analyzed:	04/02/2011 0144			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-SI-E (10.5-11)**

Lab Sample ID: 460-24279-9 Date Sampled: 03/17/2011 1340
Client Matrix: Solid % Moisture: 12.6 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69307		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.03 g
Dilution:	25			Final Weight/Volume:	10 mL
Date Analyzed:	04/02/2011 0201			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1900	U	370	1900
Aroclor 1221		1900	U	580	1900
Aroclor 1232		1900	U	1100	1900
Aroclor 1242		37000		360	1900
Aroclor 1248		1900	U	510	1900
Aroclor 1254		1900	U	650	1900
Aroclor 1260		4500		210	1900
Aroclor 1262		1900	U	330	1900
Aroclor 1268		1900	U	330	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-SI-E (10.5-11)**

Lab Sample ID: 460-24279-9 Date Sampled: 03/17/2011 1340
Client Matrix: Solid % Moisture: 12.6 Date Received: 03/18/2011 1145

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 460-69307		Instrument ID:	PESTGC7
Preparation:	3541	Prep Batch: 460-69030		Initial Weight/Volume:	15.03 g
Dilution:	25			Final Weight/Volume:	10 mL
Date Analyzed:	04/02/2011 0201			Injection Volume:	
Date Prepared:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-1 Date Sampled: 03/17/2011 1235
Client Matrix: Solid % Moisture: 5.5 Date Received: 03/18/2011 1145

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Method:	NJ-OQA-QAM-025	Analysis Batch: 460-69393		Instrument ID:	BNAGC1
Preparation:	3546	Prep Batch: 460-68964		Lab File ID:	gcr60065.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	04/02/2011 1149			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U *	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	73		48 - 112
Chlorobenzene	62		32 - 106

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-2 Date Sampled: 03/17/2011 1240
Client Matrix: Solid % Moisture: 11.7 Date Received: 03/18/2011 1145

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Method:	NJ-OQA-QAM-025	Analysis Batch: 460-69502		Instrument ID:	BNAGC1
Preparation:	3546	Prep Batch: 460-68964		Lab File ID:	gcr60339.d
Dilution:	50			Initial Weight/Volume:	15.04 g
Date Analyzed:	04/05/2011 1235			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6000		310	310

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-6-SI-E (10.5-11.0)**

Lab Sample ID: 460-24279-3 Date Sampled: 03/17/2011 1245
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/18/2011 1145

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Method:	NJ-OQA-QAM-025	Analysis Batch: 460-69393		Instrument ID:	BNAGC1
Preparation:	3546	Prep Batch: 460-68964		Lab File ID:	gcr60067.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	04/02/2011 1218			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		250	*	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	86		48 - 112
Chlorobenzene	69		32 - 106

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-4 Date Sampled: 03/17/2011 1305
Client Matrix: Solid % Moisture: 4.7 Date Received: 03/18/2011 1145

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Method:	NJ-OQA-QAM-025	Analysis Batch: 460-69393	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-68964	Lab File ID: gcr60068.d
Dilution:	1.0		Initial Weight/Volume: 15.00 g
Date Analyzed:	04/02/2011 1244		Final Weight/Volume: 1 mL
Date Prepared:	03/30/2011 1000		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U *	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	74		48 - 112
Chlorobenzene	67		32 - 106

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-3-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-5 Date Sampled: 03/17/2011 1310
Client Matrix: Solid % Moisture: 11.9 Date Received: 03/18/2011 1145

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Method:	NJ-OQA-QAM-025	Analysis Batch: 460-69393		Instrument ID:	BNAGC1
Preparation:	3546	Prep Batch: 460-68964		Lab File ID:	gcr60069.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Date Analyzed:	04/02/2011 1258			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.2	U *	6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		48 - 112
Chlorobenzene	66		32 - 106

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP3-SI-E (10.5-11)**

Lab Sample ID: 460-24279-6 Date Sampled: 03/17/2011 1315
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1145

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Method:	NJ-OQA-QAM-025	Analysis Batch: 460-69393		Instrument ID:	BNAGC1
Preparation:	3546	Prep Batch: 460-68964		Lab File ID:	gcr60072.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Date Analyzed:	04/02/2011 1328			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U *	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	74		48 - 112
Chlorobenzene	68		32 - 106

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-VD-E (3.5-4)**

Lab Sample ID: 460-24279-7 Date Sampled: 03/17/2011 1330
Client Matrix: Solid % Moisture: 5.8 Date Received: 03/18/2011 1145

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Method:	NJ-OQA-QAM-025	Analysis Batch: 460-69502		Instrument ID:	BNAGC1
Preparation:	3546	Prep Batch: 460-68954		Lab File ID:	gcr60344.d
Dilution:	20			Initial Weight/Volume:	15.00 g
Date Analyzed:	04/05/2011 1358			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2900	*	120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-WT-E (8-8.5)**

Lab Sample ID: 460-24279-8 Date Sampled: 03/17/2011 1335
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/18/2011 1145

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Method:	NJ-OQA-QAM-025	Analysis Batch: 460-69502		Instrument ID:	BNAGC1
Preparation:	3546	Prep Batch: 460-68954		Lab File ID:	gcr60345.d
Dilution:	20			Initial Weight/Volume:	15.02 g
Date Analyzed:	04/05/2011 1405			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		3200	*	120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24279-1

Client Sample ID: **PMP-7-SI-E (10.5-11)**

Lab Sample ID: 460-24279-9 Date Sampled: 03/17/2011 1340
Client Matrix: Solid % Moisture: 12.6 Date Received: 03/18/2011 1145

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Method:	NJ-OQA-QAM-025	Analysis Batch: 460-69502		Instrument ID:	BNAGC1
Preparation:	3546	Prep Batch: 460-68954		Lab File ID:	gcr60346.d
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Date Analyzed:	04/05/2011 1427			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		720	*	31	31

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	27	X	48 - 112
Chlorobenzene	60		32 - 106

General Chemistry

Client Sample ID: **PMP-6-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-1 Date Sampled: 03/17/2011 1235
Client Matrix: Solid Date Received: 03/18/2011 1145

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Date Analyzed: 03/28/2011 0848						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	94.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-2 Date Sampled: 03/17/2011 1240

Client Matrix: Solid Date Received: 03/18/2011 1145

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Date Analyzed: 03/28/2011 0844						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	88.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6-SI-E (10.5-11.0)**

Lab Sample ID: 460-24279-3 Date Sampled: 03/17/2011 1245

Client Matrix: Solid Date Received: 03/18/2011 1145

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Date Analyzed: 03/28/2011 0844						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	87.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP3-VD-E (3.5-4.0)**

Lab Sample ID: 460-24279-4 Date Sampled: 03/17/2011 1305

Client Matrix: Solid Date Received: 03/18/2011 1145

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Date Analyzed: 03/28/2011 0844						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	95.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-3-WT-E (8.0-8.5)**

Lab Sample ID: 460-24279-5 Date Sampled: 03/17/2011 1310

Client Matrix: Solid Date Received: 03/18/2011 1145

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Date Analyzed: 03/28/2011 0844						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	88.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP3-SI-E (10.5-11)**

Lab Sample ID: 460-24279-6 Date Sampled: 03/17/2011 1315
Client Matrix: Solid Date Received: 03/18/2011 1145

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	29.0	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Date Analyzed: 03/28/2011 0844						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	86.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-VD-E (3.5-4)**

Lab Sample ID: 460-24279-7 Date Sampled: 03/17/2011 1330

Client Matrix: Solid Date Received: 03/18/2011 1145

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Date Analyzed: 03/28/2011 0848						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	94.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-WT-E (8-8.5)**

Lab Sample ID: 460-24279-8 Date Sampled: 03/17/2011 1335
Client Matrix: Solid Date Received: 03/18/2011 1145

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Date Analyzed: 03/28/2011 0848						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	91.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-SI-E (10.5-11)**

Lab Sample ID: 460-24279-9 Date Sampled: 03/17/2011 1340

Client Matrix: Solid Date Received: 03/18/2011 1145

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Date Analyzed: 03/28/2011 0848						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	87.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Date Analyzed: 03/22/2011 1133						DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-24279-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-24279-1	PMP-6-VD-E (3.5-4.0)	94	89	94
460-24279-3	PMP-6-SI-E (10.5-11.0)	77	72	77
460-24279-4	PMP3-VD-E (3.5-4.0)	90	89	93
460-24279-5	PMP-3-WT-E (8.0-8.5)	92	81	92
460-24279-6	PMP3-SI-E (10.5-11)	93	89	95
MB 460-68728/5		92	88	93
MB 460-68929/5		91	87	93
LCS 460-68728/3		93	90	96
LCS 460-68929/3		91	92	97
LCSD 460-68728/4		74	72	77
LCSD 460-68929/4		91	91	97

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Client: Antea USA, Inc.

Job Number: 460-24279-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-24279-2	PMP-6-WT-E (8.0-8.5)	87	78	106
460-24279-7	PMP-7-VD-E (3.5-4)	91	82	113
460-24279-8	PMP-7-WT-E (8-8.5)	89	78	101
460-24279-9	PMP-7-SI-E (10.5-11)	91	80	98
MB 460-69045/4		113	99	107
LCS 460-69045/3		124	110	116
460-24279-2 MS	PMP-6-WT-E (8.0-8.5) MS	89	67	96
460-24279-2 MSD	PMP-6-WT-E (8.0-8.5) MSD	90	72	113

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = Bromofluorobenzene	50-124

Client: Antea USA, Inc. Job Number: 460-24279-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-24279-1	PMP-6-VD-E (3.5-4.0)	78	86	78	74	88	84
460-24279-2 DL	PMP-6-WT-E (8.0-8.5) DL	0D	0D	0D	0D	0D	0D
460-24279-3	PMP-6-SI-E (10.5-11.0)	82	87	84	82	104	80
460-24279-4	PMP3-VD-E (3.5-4.0)	77	83	79	74	89	86
460-24279-5	PMP-3-WT-E (8.0-8.5)	76	82	77	75	89	82
460-24279-6	PMP3-SI-E (10.5-11)	74	79	76	74	85	85
460-24279-7	PMP-7-VD-E (3.5-4)	88	87	81	87	56	81
460-24279-8	PMP-7-WT-E (8-8.5)	98	109	96	103	67	94
460-24279-9	PMP-7-SI-E (10.5-11)	78	78	81	74	78	74
MB 460-69007/1-A		71	79	73	69	83	75
LCS 460-69007/2-A		70	76	75	73	88	75
460-24279-1 MS	PMP-6-VD-E (3.5-4.0) MS	68	72	71	73	88	76
460-24279-1 MSD	PMP-6-VD-E (3.5-4.0) MSD	70	74	74	75	91	78

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-24279-1	PMP-6-VD-E (3.5-4.0)	105	100
460-24279-2	PMP-6-WT-E (8.0-8.5)	0D X	0D X
460-24279-3	PMP-6-SI-E (10.5-11.0)	0D X	0D X
460-24279-4	PMP3-VD-E (3.5-4.0)	106	
460-24279-5	PMP-3-WT-E (8.0-8.5)	98	94
460-24279-6	PMP3-SI-E (10.5-11)	111	105
460-24279-7	PMP-7-VD-E (3.5-4)	0D X	0D X
460-24279-8	PMP-7-WT-E (8-8.5)	0D X	0D X
460-24279-9	PMP-7-SI-E (10.5-11)	0D X	0D X
MB 460-69030/1-A		127	122
LCS 460-69030/2-A		126	119
460-24281-A-31-A MS		124	118
460-24281-A-31-B MSD		108	103

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Antea USA, Inc. Job Number: 460-24279-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-24279-1	PMP-6-VD-E (3.5-4.0)	62	73
460-24279-2	PMP-6-WT-E (8.0-8.5)	0X D	0X D
460-24279-3	PMP-6-SI-E (10.5-11.0)	69	86
460-24279-4	PMP3-VD-E (3.5-4.0)	67	74
460-24279-5	PMP-3-WT-E (8.0-8.5)	66	71
460-24279-6	PMP3-SI-E (10.5-11)	68	74
460-24279-7	PMP-7-VD-E (3.5-4)	0X D	0X D
460-24279-8	PMP-7-WT-E (8-8.5)	0X D	0X D
460-24279-9	PMP-7-SI-E (10.5-11)	60	27X
MB 460-68954/1-A		67	71
MB 460-68964/1-A		68	73
LCS 460-68954/2-A		54	76
LCS 460-68964/2-A		60	84
460-24277-F-1-D MS		78	97
460-24277-F-1-E MSD		78	95

Surrogate	Acceptance Limits
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24279-2	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98788.d
Dilution:	100			Initial Weight/Volume:	5.6 g
Date Analyzed:	03/31/2011 1458			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2118				

MSD Lab Sample ID:	460-24279-2	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98792.d
Dilution:	100			Initial Weight/Volume:	5.6 g
Date Analyzed:	03/31/2011 1708			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2118				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	92	129	52 - 144	33	30		F
Bromomethane	76	102	58 - 164	29	30		
Vinyl chloride	88	129	55 - 154	38	30		F
Chloroethane	78	108	66 - 144	33	30		F
Methylene Chloride	89	86	78 - 118	3	30		
Acetone	119	114	48 - 177	4	30		
Carbon disulfide	76	77	70 - 120	2	30		
Trichlorofluoromethane	70	115	60 - 148	49	30		F
1,1-Dichloroethene	76	85	68 - 138	11	30		
1,1-Dichloroethane	98	97	79 - 119	1	30		
trans-1,2-Dichloroethene	88	89	73 - 119	2	30		
cis-1,2-Dichloroethene	92	92	78 - 118	0	30		
Chloroform	96	95	81 - 122	1	30		
2-Butanone	87	93	70 - 139	7	30	J	J
1,2-Dichloroethane	103	102	81 - 121	0	30		
1,1,1-Trichloroethane	84	89	78 - 118	6	30		
Carbon tetrachloride	73	82	64 - 130	12	30		
Benzene	86	84	71 - 118	3	30		
Bromoform	79	72	76 - 133	9	30		F
Styrene	85	85	73 - 126	0	30		
Ethylbenzene	82	88	78 - 124	5	30		
Chlorobenzene	91	93	69 - 124	2	30		
Cyclohexane	83	104	69 - 128	22	30		
Isopropylbenzene	82	97	80 - 143	12	30		
2-Hexanone	74	72	62 - 123	4	30	J	J
MTBE	95	88	65 - 143	8	30		
Freon TF	77	52	50 - 128	39	30		F
Methyl acetate	89	71	72 - 165	23	30		F
1,4-Dioxane	73	80	54 - 147	10	30		
Trichloroethene	94	96	82 - 122	2	30		
Toluene	84	83	79 - 136	2	30		
trans-1,3-Dichloropropene	83	84	73 - 118	1	30		

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24279-2	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98788.d
Dilution:	100			Initial Weight/Volume:	5.6 g
Date Analyzed:	03/31/2011 1458			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2118				

MSD Lab Sample ID:	460-24279-2	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98792.d
Dilution:	100			Initial Weight/Volume:	5.6 g
Date Analyzed:	03/31/2011 1708			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2011 2118				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4-Methyl-2-pentanone	83	88	69 - 124	6	30	J	J
cis-1,3-Dichloropropene	86	85	75 - 120	1	30		
1,2-Dichlorobenzene	107	119	83 - 123	10	30		
1,3-Dichlorobenzene	97	118	83 - 123	19	30		
1,4-Dichlorobenzene	100	112	84 - 124	12	30		
1,2,4-Trichlorobenzene	106	120	62 - 144	7	30		
1,2,3-Trichlorobenzene	64	74	36 - 207	15	30		
1,2-Dichloropropane	99	99	78 - 118	0	30		
Methylcyclohexane	93	127	80 - 134	26	30		
Tetrachloroethene	78	91	78 - 136	15	30		
Xylenes, Total	75	82	78 - 126	6	30	F	
1,2-Dibromo-3-Chloropropane	138	146	62 - 127	6	30	F	F
1,1,2,2-Tetrachloroethane	215	229	86 - 145	6	30	F	F
1,1,2-Trichloroethane	98	94	77 - 120	5	30		
Dibromochloromethane	82	78	78 - 118	5	30		
1,2-Dibromoethane	82	78	76 - 120	6	30		
Dichlorodifluoromethane	53	124	41 - 149	80	30		F
Bromochloromethane	91	96	81 - 121	6	30		
Bromodichloromethane	95	96	78 - 118	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	90	57 - 135
Toluene-d8 (Surr)	67	72	46 - 130
Bromofluorobenzene	96	113	50 - 124

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24279-2	Units: ug/Kg	MSD Lab Sample ID:	460-24279-2	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	100		Dilution:	100	
Date Analyzed:	03/31/2011 1458		Date Analyzed:	03/31/2011 1708	
Date Prepared:	03/18/2011 2118		Date Prepared:	03/18/2011 2118	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	51	U	1010	1010	935		1300	F
Bromomethane	51	U	1010	1010	769		1030	
Vinyl chloride	51	U	1010	1010	888		1310	F
Chloroethane	51	U	1010	1010	787		1090	F
Methylene Chloride	51	U	1010	1010	905		873	
Acetone	510	U	1010	1010	1200		1150	
Carbon disulfide	51	U	1010	1010	769		782	
Trichlorofluoromethane	51	U	1010	1010	705		1160	F
1,1-Dichloroethene	51	U	1010	1010	773		861	
1,1-Dichloroethane	51	U	1010	1010	990		978	
trans-1,2-Dichloroethene	51	U	1010	1010	885		900	
cis-1,2-Dichloroethene	32	J	1010	1010	964		967	
Chloroform	51	U	1010	1010	966		960	
2-Butanone	510	U	1010	1010	884	J	944	J
1,2-Dichloroethane	51	U	1010	1010	1040		1030	
1,1,1-Trichloroethane	51	U	1010	1010	849		903	
Carbon tetrachloride	51	U	1010	1010	734		827	
Benzene	51	U	1010	1010	866		845	
Bromoform	51	U	1010	1010	794		728	F
Styrene	51	U	1010	1010	857		856	
Ethylbenzene	310		1010	1010	1140		1200	
Chlorobenzene	51	U	1010	1010	919		936	
Cyclohexane	51	U	1010	1010	839		1050	
Isopropylbenzene	430		1010	1010	1260		1410	
2-Hexanone	510	U	1010	1010	752	J	724	J
MTBE	51	U	1010	1010	963		891	
Freon TF	51	U	1010	1010	775		524	F
Methyl acetate	100	U	1010	1010	901		715	F
1,4-Dioxane	2500	U	7580	7580	5510		6080	
Trichloroethene	51	U	1010	1010	949		972	
Toluene	12	J	1010	1010	862		849	
trans-1,3-Dichloropropene	51	U	1010	1010	834		845	
4-Methyl-2-pentanone	510	U	1010	1010	837	J	891	J
cis-1,3-Dichloropropene	51	U	1010	1010	867		854	
1,2-Dichlorobenzene	51	U	1010	1010	1080		1200	
1,3-Dichlorobenzene	51	U	1010	1010	981		1190	
1,4-Dichlorobenzene	51	U	1010	1010	1010		1140	
1,2,4-Trichlorobenzene	960		1010	1010	2040		2180	
1,2,3-Trichlorobenzene	51	U	1010	1010	645		748	
1,2-Dichloropropane	51	U	1010	1010	1000		997	
Methylcyclohexane	180		1010	1010	1120		1460	

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24279-2	Units: ug/Kg	MSD Lab Sample ID: 460-24279-2
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	100		Dilution: 100
Date Analyzed:	03/31/2011 1458		Date Analyzed: 03/31/2011 1708
Date Prepared:	03/18/2011 2118		Date Prepared: 03/18/2011 2118

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Tetrachloroethene	51	U	1010	1010	790		916	
Xylenes, Total	900		3030	3030	3180	F	3390	
1,2-Dibromo-3-Chloropropane	51	U	1010	1010	1390	F	1480	F
1,1,2,2-Tetrachloroethane	51	U	1010	1010	2180	F	2310	F
1,1,2-Trichloroethane	51	U	1010	1010	995		950	
Dibromochloromethane	51	U	1010	1010	830		790	
1,2-Dibromoethane	51	U	1010	1010	832		786	
Dichlorodifluoromethane	51	U	1010	1010	537		1250	F
Bromochloromethane	51	U	1010	1010	915		969	
Bromodichloromethane	51	U	1010	1010	960		970	

Client: Antea USA, Inc.

Job Number: 460-24279-1

Method Blank - Batch: 460-68728

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-68728/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/28/2011 2007
Date Prepared: N/A

Analysis Batch: 460-68728
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS12
Lab File ID: o46702.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	5.63	J	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0

Client: Antea USA, Inc. Job Number: 460-24279-1

Method Blank - Batch: 460-68728

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-68728/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/28/2011 2007
Date Prepared: N/A

Analysis Batch: 460-68728
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS12
Lab File ID: o46702.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 138
Toluene-d8 (Surr)	88	66 - 126
Bromofluorobenzene	93	72 - 132

Method Blank TICs- Batch: 460-68728

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46699.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 mL
Date Analyzed:	03/28/2011 1834			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 460-68728/4	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46700.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 mL
Date Analyzed:	03/28/2011 1859			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	88	89	50 - 151	2	30		
Bromomethane	117	114	54 - 142	2	30		
Vinyl chloride	90	93	67 - 133	4	30		
Chloroethane	108	109	56 - 146	1	30		
Methylene Chloride	98	101	74 - 137	3	30		
Acetone	134	161	27 - 164	18	30		
Carbon disulfide	87	89	72 - 128	2	30		
Trichlorofluoromethane	86	91	61 - 139	5	30		
1,1-Dichloroethene	94	94	71 - 126	0	30		
1,1-Dichloroethane	93	95	76 - 125	2	30		
trans-1,2-Dichloroethene	95	96	75 - 122	1	30		
cis-1,2-Dichloroethene	95	99	80 - 120	4	30		
Chloroform	96	98	77 - 120	3	30		
2-Butanone	110	116	77 - 117	5	30		
1,2-Dichloroethane	96	97	76 - 118	1	30		
1,1,1-Trichloroethane	91	92	78 - 117	2	30		
Carbon tetrachloride	92	96	79 - 118	4	30		
Benzene	95	95	77 - 117	1	30		
Bromoform	85	89	59 - 125	4	30		
Styrene	94	96	82 - 122	1	30		
Ethylbenzene	94	96	81 - 121	2	30		
Chlorobenzene	96	98	80 - 120	3	30		
Cyclohexane	80	82	80 - 121	2	30		
Isopropylbenzene	103	105	65 - 129	2	30		
2-Hexanone	107	112	70 - 122	5	30		
MTBE	102	101	78 - 120	1	30		
Freon TF	99	100	73 - 123	2	30		
Methyl acetate	105	99	73 - 137	6	30		
1,4-Dioxane	114	128	69 - 131	12	30		
Trichloroethene	93	96	79 - 119	3	30		
Toluene	92	94	75 - 115	2	30		
trans-1,3-Dichloropropene	93	93	67 - 121	0	30		
4-Methyl-2-pentanone	109	111	68 - 120	2	30		
cis-1,3-Dichloropropene	94	94	80 - 123	0	30		

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46699.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 mL
Date Analyzed:	03/28/2011 1834			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 460-68728/4	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46700.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 mL
Date Analyzed:	03/28/2011 1859			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dichlorobenzene	96	99	80 - 120	3	30		
1,3-Dichlorobenzene	94	95	80 - 120	0	30		
1,4-Dichlorobenzene	96	99	80 - 120	3	30		
1,2,4-Trichlorobenzene	102	101	80 - 120	1	30		
1,2,3-Trichlorobenzene	100	102	75 - 121	2	30		
1,2-Dichloropropane	97	94	82 - 122	3	30		
Methylcyclohexane	81	82	78 - 118	1	30		
Tetrachloroethene	98	98	80 - 120	0	30		
Xylenes, Total	94	96	82 - 122	2	30		
1,2-Dibromo-3-Chloropropane	92	93	74 - 118	0	30		
1,1,2,2-Tetrachloroethane	88	90	79 - 122	2	30		
1,1,2-Trichloroethane	98	97	73 - 118	1	30		
Dibromochloromethane	99	99	68 - 120	0	30		
1,2-Dibromoethane	99	103	75 - 117	3	30		
Dichlorodifluoromethane	82	87	52 - 144	6	30		
Bromochloromethane	100	100	74 - 125	0	30		
Bromodichloromethane	98	99	79 - 119	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	74	70 - 138
Toluene-d8 (Surr)	90	72	66 - 126
Bromofluorobenzene	96	77	72 - 132

Client: Antea USA, Inc. Job Number: 460-24279-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-68728/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/28/2011 1834			Date Analyzed:	03/28/2011 1859
Date Prepared:	N/A			Date Prepared:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	17.5	17.8
Bromomethane	20.0	20.0	23.4	22.8
Vinyl chloride	20.0	20.0	18.0	18.7
Chloroethane	20.0	20.0	21.7	21.8
Methylene Chloride	20.0	20.0	19.6	20.1
Acetone	20.0	20.0	26.8	32.2
Carbon disulfide	20.0	20.0	17.4	17.7
Trichlorofluoromethane	20.0	20.0	17.3	18.1
1,1-Dichloroethene	20.0	20.0	18.9	18.8
1,1-Dichloroethane	20.0	20.0	18.7	19.0
trans-1,2-Dichloroethene	20.0	20.0	18.9	19.2
cis-1,2-Dichloroethene	20.0	20.0	19.1	19.8
Chloroform	20.0	20.0	19.2	19.7
2-Butanone	20.0	20.0	22.1	23.1
1,2-Dichloroethane	20.0	20.0	19.2	19.4
1,1,1-Trichloroethane	20.0	20.0	18.2	18.5
Carbon tetrachloride	20.0	20.0	18.4	19.2
Benzene	20.0	20.0	18.9	19.1
Bromoform	20.0	20.0	17.1	17.8
Styrene	20.0	20.0	18.9	19.1
Ethylbenzene	20.0	20.0	18.9	19.3
Chlorobenzene	20.0	20.0	19.2	19.7
Cyclohexane	20.0	20.0	16.1	16.4
Isopropylbenzene	20.0	20.0	20.6	21.0
2-Hexanone	20.0	20.0	21.3	22.3
MTBE	20.0	20.0	20.4	20.3
Freon TF	20.0	20.0	19.7	20.1
Methyl acetate	20.0	20.0	20.9	19.8
1,4-Dioxane	150	150	170	191
Trichloroethene	20.0	20.0	18.6	19.2
Toluene	20.0	20.0	18.3	18.8
trans-1,3-Dichloropropene	20.0	20.0	18.6	18.5
4-Methyl-2-pentanone	20.0	20.0	21.9	22.3
cis-1,3-Dichloropropene	20.0	20.0	18.9	18.8
1,2-Dichlorobenzene	20.0	20.0	19.2	19.8
1,3-Dichlorobenzene	20.0	20.0	18.9	18.9
1,4-Dichlorobenzene	20.0	20.0	19.3	19.8
1,2,4-Trichlorobenzene	20.0	20.0	20.4	20.3
1,2,3-Trichlorobenzene	20.0	20.0	19.9	20.4
1,2-Dichloropropane	20.0	20.0	19.4	18.9
Methylcyclohexane	20.0	20.0	16.2	16.3

Client: Antea USA, Inc.

Job Number: 460-24279-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-68728/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/28/2011 1834			Date Analyzed:	03/28/2011 1859
Date Prepared:	N/A			Date Prepared:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Tetrachloroethene	20.0	20.0	19.6	19.5
Xylenes, Total	60.0	60.0	56.5	57.5
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.5	18.5
1,1,2,2-Tetrachloroethane	20.0	20.0	17.7	18.1
1,1,2-Trichloroethane	20.0	20.0	19.6	19.5
Dibromochloromethane	20.0	20.0	19.9	19.8
1,2-Dibromoethane	20.0	20.0	19.9	20.5
Dichlorodifluoromethane	20.0	20.0	16.5	17.5
Bromochloromethane	20.0	20.0	20.0	20.0
Bromodichloromethane	20.0	20.0	19.6	19.9

Client: Antea USA, Inc. Job Number: 460-24279-1

Method Blank - Batch: 460-68929

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-68929/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/30/2011 0659
Date Prepared: N/A

Analysis Batch: 460-68929
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS12
Lab File ID: o46755.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	10	U	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0

Client: Antea USA, Inc. Job Number: 460-24279-1

Method Blank - Batch: 460-68929

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-68929/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/30/2011 0659
Date Prepared: N/A

Analysis Batch: 460-68929
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS12
Lab File ID: o46755.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 138
Toluene-d8 (Surr)	87	66 - 126
Bromofluorobenzene	93	72 - 132

Method Blank TICs- Batch: 460-68929

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68929

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 460-68929/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/30/2011 0505
Date Prepared: N/A

Analysis Batch: 460-68929
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS12
Lab File ID: o46751.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 460-68929/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/30/2011 0530
Date Prepared: N/A

Analysis Batch: 460-68929
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS12
Lab File ID: o46752.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	91	86	50 - 151	5	30		
Bromomethane	93	108	54 - 142	15	30		
Vinyl chloride	102	105	67 - 133	3	30		
Chloroethane	106	112	56 - 146	6	30		
Methylene Chloride	102	93	74 - 137	10	30		
Acetone	135	128	27 - 164	6	30		
Carbon disulfide	95	94	72 - 128	2	30		
Trichlorofluoromethane	112	117	61 - 139	4	30		
1,1-Dichloroethene	99	106	71 - 126	6	30		
1,1-Dichloroethane	99	96	76 - 125	3	30		
trans-1,2-Dichloroethene	101	99	75 - 122	2	30		
cis-1,2-Dichloroethene	102	95	80 - 120	7	30		
Chloroform	101	97	77 - 120	4	30		
2-Butanone	110	98	77 - 117	12	30		
1,2-Dichloroethane	95	88	76 - 118	8	30		
1,1,1-Trichloroethane	107	100	78 - 117	6	30		
Carbon tetrachloride	110	105	79 - 118	5	30		
Benzene	99	94	77 - 117	5	30		
Bromoform	85	80	59 - 125	6	30		
Styrene	101	90	82 - 122	11	30		
Ethylbenzene	101	96	81 - 121	5	30		
Chlorobenzene	101	94	80 - 120	7	30		
Cyclohexane	94	90	80 - 121	4	30		
Isopropylbenzene	106	105	65 - 129	1	30		
2-Hexanone	92	89	70 - 122	3	30		
MTBE	102	92	78 - 120	10	30		
Freon TF	118	114	73 - 123	3	30		
Methyl acetate	117	91	73 - 137	25	30		
1,4-Dioxane	100	99	69 - 131	2	30		
Trichloroethene	106	99	79 - 119	7	30		
Toluene	98	93	75 - 115	6	30		
trans-1,3-Dichloropropene	93	86	67 - 121	8	30		
4-Methyl-2-pentanone	96	88	68 - 120	9	30		
cis-1,3-Dichloropropene	97	88	80 - 123	10	30		

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68929

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68929/3	Analysis Batch:	460-68929	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46751.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 mL
Date Analyzed:	03/30/2011 0505			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 460-68929/4	Analysis Batch:	460-68929	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46752.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 mL
Date Analyzed:	03/30/2011 0530			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dichlorobenzene	99	91	80 - 120	8	30		
1,3-Dichlorobenzene	98	91	80 - 120	8	30		
1,4-Dichlorobenzene	99	92	80 - 120	8	30		
1,2,4-Trichlorobenzene	104	90	80 - 120	14	30		
1,2,3-Trichlorobenzene	102	89	75 - 121	14	30		
1,2-Dichloropropane	95	84	82 - 122	12	30		
Methylcyclohexane	98	92	78 - 118	6	30		
Tetrachloroethene	113	108	80 - 120	4	30		
Xylenes, Total	103	95	82 - 122	9	30		
1,2-Dibromo-3-Chloropropane	84	81	74 - 118	3	30		
1,1,2,2-Tetrachloroethane	80	81	79 - 122	2	30		
1,1,2-Trichloroethane	101	91	73 - 118	11	30		
Dibromochloromethane	103	95	68 - 120	8	30		
1,2-Dibromoethane	99	90	75 - 117	9	30		
Dichlorodifluoromethane	120	110	52 - 144	9	30		
Bromochloromethane	102	95	74 - 125	7	30		
Bromodichloromethane	99	94	79 - 119	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	91	70 - 138
Toluene-d8 (Surr)	92	91	66 - 126
Bromofluorobenzene	97	97	72 - 132

Client: Antea USA, Inc. Job Number: 460-24279-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68929

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68929/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-68929/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/30/2011 0505			Date Analyzed:	03/30/2011 0530
Date Prepared:	N/A			Date Prepared:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	18.2	17.2
Bromomethane	20.0	20.0	18.6	21.6
Vinyl chloride	20.0	20.0	20.4	21.0
Chloroethane	20.0	20.0	21.1	22.4
Methylene Chloride	20.0	20.0	20.4	18.6
Acetone	20.0	20.0	27.1	25.5
Carbon disulfide	20.0	20.0	19.0	18.7
Trichlorofluoromethane	20.0	20.0	22.4	23.4
1,1-Dichloroethene	20.0	20.0	19.8	21.2
1,1-Dichloroethane	20.0	20.0	19.7	19.2
trans-1,2-Dichloroethene	20.0	20.0	20.2	19.7
cis-1,2-Dichloroethene	20.0	20.0	20.4	19.0
Chloroform	20.0	20.0	20.2	19.3
2-Butanone	20.0	20.0	22.1	19.7
1,2-Dichloroethane	20.0	20.0	19.0	17.5
1,1,1-Trichloroethane	20.0	20.0	21.4	20.0
Carbon tetrachloride	20.0	20.0	22.0	21.0
Benzene	20.0	20.0	19.8	18.8
Bromoform	20.0	20.0	16.9	15.9
Styrene	20.0	20.0	20.2	18.0
Ethylbenzene	20.0	20.0	20.1	19.2
Chlorobenzene	20.0	20.0	20.2	18.8
Cyclohexane	20.0	20.0	18.7	18.0
Isopropylbenzene	20.0	20.0	21.2	21.0
2-Hexanone	20.0	20.0	18.5	17.8
MTBE	20.0	20.0	20.5	18.4
Freon TF	20.0	20.0	23.5	22.9
Methyl acetate	20.0	20.0	23.3	18.2
1,4-Dioxane	150	150	150	148
Trichloroethene	20.0	20.0	21.2	19.8
Toluene	20.0	20.0	19.6	18.5
trans-1,3-Dichloropropene	20.0	20.0	18.6	17.1
4-Methyl-2-pentanone	20.0	20.0	19.1	17.6
cis-1,3-Dichloropropene	20.0	20.0	19.3	17.5
1,2-Dichlorobenzene	20.0	20.0	19.8	18.3
1,3-Dichlorobenzene	20.0	20.0	19.6	18.2
1,4-Dichlorobenzene	20.0	20.0	19.9	18.4
1,2,4-Trichlorobenzene	20.0	20.0	20.8	18.1
1,2,3-Trichlorobenzene	20.0	20.0	20.5	17.8
1,2-Dichloropropane	20.0	20.0	18.9	16.9
Methylcyclohexane	20.0	20.0	19.5	18.5

Client: Antea USA, Inc.

Job Number: 460-24279-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68929

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68929/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-68929/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/30/2011 0505			Date Analyzed:	03/30/2011 0530
Date Prepared:	N/A			Date Prepared:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Tetrachloroethene	20.0	20.0	22.6	21.6
Xylenes, Total	60.0	60.0	62.0	56.7
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.8	16.3
1,1,2,2-Tetrachloroethane	20.0	20.0	15.9	16.2
1,1,2-Trichloroethane	20.0	20.0	20.2	18.1
Dibromochloromethane	20.0	20.0	20.6	19.0
1,2-Dibromoethane	20.0	20.0	19.8	18.1
Dichlorodifluoromethane	20.0	20.0	24.0	22.0
Bromochloromethane	20.0	20.0	20.4	19.0
Bromodichloromethane	20.0	20.0	19.8	18.8

Client: Antea USA, Inc. Job Number: 460-24279-1

Method Blank - Batch: 460-69045

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-69045/4
Client Matrix: Solid
Dilution: 50
Date Analyzed: 03/31/2011 1144
Date Prepared: N/A

Analysis Batch: 460-69045
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS8
Lab File ID: j98782.d
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Vinyl chloride	100	U	12	100
Chloroethane	100	U	45	100
Methylene Chloride	100	U	19	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1-Dichloroethane	100	U	10	100
trans-1,2-Dichloroethene	100	U	14	100
cis-1,2-Dichloroethene	100	U	19	100
Chloroform	100	U	16	100
2-Butanone	1000	U	82	1000
1,2-Dichloroethane	100	U	25	100
1,1,1-Trichloroethane	100	U	25	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
Bromoform	100	U	9.9	100
Styrene	100	U	14	100
Ethylbenzene	100	U	25	100
Chlorobenzene	100	U	17	100
Cyclohexane	100	U	12	100
Isopropylbenzene	100	U	21	100
2-Hexanone	1000	U	55	1000
MTBE	100	U	19	100
Freon TF	100	U	29	100
Methyl acetate	200	U	33	200
1,4-Dioxane	5000	U	850	5000
Trichloroethene	100	U	18	100
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
4-Methyl-2-pentanone	1000	U	68	1000
cis-1,3-Dichloropropene	100	U	10	100
1,2-Dichlorobenzene	100	U	16	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100
1,2,3-Trichlorobenzene	100	U	83	100
1,2-Dichloropropane	100	U	8.7	100
Methylcyclohexane	100	U	8.0	100
Tetrachloroethene	100	U	20	100
Xylenes, Total	300	U	43	300

Client: Antea USA, Inc. Job Number: 460-24279-1

Method Blank - Batch: 460-69045

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-69045/4
Client Matrix: Solid
Dilution: 50
Date Analyzed: 03/31/2011 1144
Date Prepared: N/A

Analysis Batch: 460-69045
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS8
Lab File ID: j98782.d
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100
1,1,2-Trichloroethane	100	U	9.7	100
Dibromochloromethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Dichlorodifluoromethane	100	U	28	100
Bromochloromethane	100	U	17	100
Bromodichloromethane	100	U	9.0	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	57 - 135
Toluene-d8 (Surr)	99	46 - 130
Bromofluorobenzene	107	50 - 124

Method Blank TICs- Batch: 460-69045

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Lab Control Sample - Batch: 460-69045

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 460-69045/3
Client Matrix: Solid
Dilution: 50
Date Analyzed: 03/31/2011 1007
Date Prepared: N/A

Analysis Batch: 460-69045
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS8
Lab File ID: j98779.d
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	2200	110	52 - 144	
Bromomethane	2000	2240	112	58 - 154	
Vinyl chloride	2000	2230	111	55 - 154	
Chloroethane	2000	2220	111	66 - 144	
Methylene Chloride	2000	1960	98	78 - 118	
Acetone	2000	1790	89	48 - 177	
Carbon disulfide	2000	1900	95	70 - 120	
Trichlorofluoromethane	2000	2290	114	60 - 148	
1,1-Dichloroethene	2000	2020	101	68 - 138	
1,1-Dichloroethane	2000	2080	104	79 - 119	
trans-1,2-Dichloroethene	2000	1900	95	73 - 119	
cis-1,2-Dichloroethene	2000	1980	99	78 - 118	
Chloroform	2000	2030	102	81 - 122	
2-Butanone	2000	1680	84	70 - 139	
1,2-Dichloroethane	2000	2250	113	81 - 121	
1,1,1-Trichloroethane	2000	2040	102	78 - 118	
Carbon tetrachloride	2000	1860	93	64 - 130	
Benzene	2000	1970	99	71 - 118	
Bromoform	2000	1940	97	76 - 133	
Styrene	2000	1910	95	73 - 126	
Ethylbenzene	2000	2020	101	78 - 124	
Chlorobenzene	2000	2000	100	69 - 124	
Cyclohexane	2000	1950	98	69 - 128	
Isopropylbenzene	2000	2060	103	80 - 143	
2-Hexanone	2000	1710	86	62 - 123	
MTBE	2000	1920	96	65 - 143	
Freon TF	2000	2320	116	50 - 128	
Methyl acetate	2000	1640	82	72 - 165	
1,4-Dioxane	15000	12800	86	54 - 147	
Trichloroethene	2000	1990	100	82 - 122	
Toluene	2000	1940	97	79 - 136	
trans-1,3-Dichloropropene	2000	1900	95	73 - 118	
4-Methyl-2-pentanone	2000	1790	89	69 - 124	
cis-1,3-Dichloropropene	2000	1940	97	75 - 120	
1,2-Dichlorobenzene	2000	2040	102	83 - 123	
1,3-Dichlorobenzene	2000	2040	102	83 - 123	
1,4-Dichlorobenzene	2000	2040	102	84 - 124	
1,2,4-Trichlorobenzene	2000	2210	111	62 - 144	
1,2,3-Trichlorobenzene	2000	2630	132	36 - 207	
1,2-Dichloropropane	2000	2080	104	78 - 118	
Methylcyclohexane	2000	1940	97	80 - 134	
Tetrachloroethene	2000	2030	102	78 - 136	
Xylenes, Total	6000	5880	98	78 - 126	
1,2-Dibromo-3-Chloropropane	2000	1920	96	62 - 127	

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Control Sample - Batch: 460-69045

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 460-69045/3
Client Matrix: Solid
Dilution: 50
Date Analyzed: 03/31/2011 1007
Date Prepared: N/A

Analysis Batch: 460-69045
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS8
Lab File ID: j98779.d
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2,2-Tetrachloroethane	2000	2160	108	86 - 145	
1,1,2-Trichloroethane	2000	1980	99	77 - 120	
Dibromochloromethane	2000	1920	96	78 - 118	
1,2-Dibromoethane	2000	1920	96	76 - 120	
Dichlorodifluoromethane	2000	2150	108	41 - 149	
Bromochloromethane	2000	2000	100	81 - 121	
Bromodichloromethane	2000	2040	102	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124	57 - 135
Toluene-d8 (Surr)	110	46 - 130
Bromofluorobenzene	116	50 - 124

Client: Antea USA, Inc. Job Number: 460-24279-1

Method Blank - Batch: 460-69007

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 460-69007/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2011 0353
Date Prepared: 03/30/2011 2253

Analysis Batch: 460-69101
Prep Batch: 460-69007
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z15581.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	330	U	40	330
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
4-Methylphenol	330	U	54	330
Benzaldehyde	330	U	21	330
Acetophenone	330	U	49	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2,2'-oxybis[1-chloropropane]	330	U	43	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Nitrobenzene	33	U	7.4	33
Hexachloroethane	33	U	5.6	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
2,4-Dichlorophenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	55	330
2-Methylnaphthalene	330	U	48	330
Hexachlorobenzene	33	U	4.6	33
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
Diphenyl	330	U	54	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	90	670
2,6-Dinitrotoluene	67	U	8.4	67
Dimethyl phthalate	330	U	45	330
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
4-Nitrophenol	1000	U	85	1000
2,4-Dinitrophenol	1000	U	70	1000
Dibenzofuran	330	U	50	330
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
Fluoranthene	330	U	55	330
Di-n-butyl phthalate	330	U	51	330
2,4-Dinitrotoluene	67	U	9.6	67
4-Chlorophenyl phenyl ether	330	U	57	330

Client: Antea USA, Inc. Job Number: 460-24279-1

Method Blank - Batch: 460-69007

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-69007/1-A	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15581.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	15.02 g
Date Analyzed:	03/31/2011 0353			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	Result	Qual	MDL	RL
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000
4-Bromophenyl phenyl ether	330	U	59	330
Atrazine	330	U	62	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Phenanthrene	330	U	58	330
Pentachlorophenol	1000	U	160	1000
Pyrene	330	U	57	330
Chrysene	330	U	48	330
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[g,h,i]perylene	330	U	35	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[a]pyrene	33	U	4.1	33
Benzo[a]anthracene	33	U	6.1	33
N-Nitrosodiphenylamine	330	U	54	330
Butyl benzyl phthalate	330	U	39	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
3,3'-Dichlorobenzidine	670	U	73	670
1,2,4,5-Tetrachlorobenzene	330	U	44	330
2,3,4,6-Tetrachlorophenol	330	U	66	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	73	38 - 105
Phenol-d5	79	41 - 118
Terphenyl-d14	75	16 - 151
2,4,6-Tribromophenol	83	10 - 120
2-Fluorophenol	71	37 - 125
2-Fluorobiphenyl	69	40 - 109

Method Blank TICs- Batch: 460-69007

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	1.14	7800	A J

Client: Antea USA, Inc.

Job Number: 460-24279-1

Lab Control Sample - Batch: 460-69007

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 460-69007/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2011 0331
Date Prepared: 03/30/2011 2253

Analysis Batch: 460-69101
Prep Batch: 460-69007
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z15580.d
Initial Weight/Volume: 14.96 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6680	5440	81	54 - 115	
2-Chlorophenol	6680	5140	77	56 - 110	
2-Methylphenol	6680	5560	83	54 - 117	
4-Methylphenol	6680	5490	82	47 - 103	
Benzaldehyde	3340	4310	129	10 - 160	
Acetophenone	3340	2920	87	40 - 95	
Bis(2-chloroethyl)ether	3340	2650	79	44 - 101	
2,2'-oxybis[1-chloropropane]	3340	2960	89	45 - 102	
N-Nitrosodi-n-propylamine	3340	3250	97	42 - 107	
Nitrobenzene	3340	2650	79	42 - 106	
Hexachloroethane	3340	2640	79	45 - 90	
Isophorone	3340	2580	77	48 - 97	
2-Nitrophenol	6680	5500	82	55 - 101	
2,4-Dimethylphenol	6680	5310	79	56 - 112	
2,4-Dichlorophenol	6680	5320	80	58 - 115	
Bis(2-chloroethoxy)methane	3340	2870	86	51 - 100	
Naphthalene	3340	2660	80	53 - 94	
4-Chloroaniline	3340	1800	54	10 - 96	
Hexachlorobutadiene	3340	2660	79	45 - 98	
Caprolactam	3340	2820	84	10 - 127	
4-Chloro-3-methylphenol	6680	5840	87	55 - 117	
2-Methylnaphthalene	3340	4670	140	51 - 98	*
Hexachlorobenzene	3340	2800	84	43 - 104	
Hexachlorocyclopentadiene	3340	2540	76	24 - 98	
2,4,6-Trichlorophenol	6680	5400	81	53 - 118	
2,4,5-Trichlorophenol	6680	5530	83	50 - 115	
Diphenyl	3340	2710	81	50 - 105	
2-Chloronaphthalene	3340	2650	79	51 - 102	
2-Nitroaniline	3340	2920	87	51 - 109	
2,6-Dinitrotoluene	3340	3340	100	51 - 115	
Dimethyl phthalate	3340	2970	89	52 - 112	
Acenaphthylene	3340	2650	79	51 - 103	
3-Nitroaniline	3340	2080	62	32 - 104	
Acenaphthene	3340	2750	82	46 - 100	
4-Nitrophenol	6680	6510	97	45 - 114	
2,4-Dinitrophenol	6680	6230	93	10 - 129	
Dibenzofuran	3340	2790	83	52 - 106	
Diethyl phthalate	3340	3050	91	52 - 114	
Fluorene	3340	2860	85	51 - 108	
Fluoranthene	3340	3230	97	49 - 108	
Di-n-butyl phthalate	3340	3210	96	50 - 108	
2,4-Dinitrotoluene	3340	3290	98	53 - 110	
4-Chlorophenyl phenyl ether	3340	2930	88	50 - 106	
4-Nitroaniline	3340	3700	111	45 - 106	*

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Control Sample - Batch: 460-69007

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-69007/2-A	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15580.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	14.96 g
Date Analyzed:	03/31/2011 0331			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,6-Dinitro-2-methylphenol	6680	5850	88	10 - 110	
4-Bromophenyl phenyl ether	3340	2770	83	44 - 102	
Atrazine	3340	2970	89	30 - 100	
Anthracene	3340	2630	79	50 - 107	
Carbazole	3340	3090	93	49 - 104	
Phenanthrene	3340	2850	85	48 - 108	
Pentachlorophenol	6680	5790	87	19 - 113	
Pyrene	3340	2600	78	49 - 116	
Chrysene	3340	2710	81	45 - 114	
Benzo[k]fluoranthene	3340	2610	78	35 - 115	
Benzo[g,h,i]perylene	3340	2770	83	43 - 106	
Benzo[b]fluoranthene	3340	2830	85	33 - 96	
Benzo[a]pyrene	3340	2800	84	36 - 89	
Benzo[a]anthracene	3340	2800	84	46 - 112	
N-Nitrosodiphenylamine	3340	2840	85	49 - 106	
Butyl benzyl phthalate	3340	2920	87	49 - 117	
Bis(2-ethylhexyl) phthalate	3340	3040	91	49 - 119	
Di-n-octyl phthalate	3340	2780	83	40 - 106	
Indeno[1,2,3-cd]pyrene	3340	2960	89	43 - 109	
Dibenz(a,h)anthracene	3340	2990	89	43 - 107	
3,3'-Dichlorobenzidine	3340	2210	66	24 - 105	
1,2,4,5-Tetrachlorobenzene	3340	2590	77	70 - 130	
2,3,4,6-Tetrachlorophenol	3340	3110	93	70 - 130	

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69007

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24279-1	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15589.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0646			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

MSD Lab Sample ID:	460-24279-1	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15590.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Date Analyzed:	03/31/2011 0708			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	77	79	54 - 115	3	30		
2-Chlorophenol	72	76	56 - 110	4	30		
2-Methylphenol	78	82	54 - 117	5	30		
4-Methylphenol	78	81	47 - 103	4	30		
Benzaldehyde	87	95	10 - 160	8	30		
Acetophenone	83	86	40 - 95	4	30		
Bis(2-chloroethyl)ether	80	79	44 - 101	1	30		
2,2'-oxybis[1-chloropropane]	81	84	45 - 102	4	30		
N-Nitrosodi-n-propylamine	88	93	42 - 107	5	30		
Nitrobenzene	75	78	42 - 106	4	30		
Hexachloroethane	73	77	45 - 90	4	30		
Isophorone	83	86	48 - 97	3	30		
2-Nitrophenol	79	83	55 - 101	4	30		
2,4-Dimethylphenol	78	81	56 - 112	4	30		
2,4-Dichlorophenol	78	81	58 - 115	3	30		
Bis(2-chloroethoxy)methane	83	87	51 - 100	3	30		
Naphthalene	76	79	53 - 94	4	30		
4-Chloroaniline	61	60	10 - 96	2	30		
Hexachlorobutadiene	77	81	45 - 98	5	30		
Caprolactam	83	84	10 - 127	1	30		
4-Chloro-3-methylphenol	82	85	55 - 117	4	30		
2-Methylnaphthalene	133	139	51 - 98	4	30	F	F
Hexachlorobenzene	84	87	43 - 104	2	30		
Hexachlorocyclopentadiene	75	77	24 - 98	3	30		
2,4,6-Trichlorophenol	77	78	53 - 118	1	30		
2,4,5-Trichlorophenol	81	89	50 - 115	9	30		
Diphenyl	80	82	50 - 105	3	30		
2-Chloronaphthalene	78	82	51 - 102	4	30		
2-Nitroaniline	82	86	51 - 109	4	30		
2,6-Dinitrotoluene	98	102	51 - 115	4	30		
Dimethyl phthalate	87	89	52 - 112	2	30		
Acenaphthylene	78	80	51 - 103	2	30		

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69007

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24279-1	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15589.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0646			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

MSD Lab Sample ID:	460-24279-1	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15590.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Date Analyzed:	03/31/2011 0708			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
3-Nitroaniline	71	70	32 - 104	2	30		
Acenaphthene	81	84	46 - 100	3	30		
4-Nitrophenol	55	61	45 - 114	10	30		
2,4-Dinitrophenol	86	86	10 - 129	1	30		
Dibenzofuran	82	84	52 - 106	2	30		
Diethyl phthalate	90	93	52 - 114	3	30		
Fluorene	83	86	51 - 108	3	30		
Fluoranthene	94	98	49 - 108	3	30		
Di-n-butyl phthalate	94	99	50 - 108	5	30		
2,4-Dinitrotoluene	98	100	53 - 110	2	30		
4-Chlorophenyl phenyl ether	86	89	50 - 106	3	30		
4-Nitroaniline	107	111	45 - 106	4	30	F	F
4,6-Dinitro-2-methylphenol	84	85	10 - 110	1	30		
4-Bromophenyl phenyl ether	83	86	44 - 102	3	30		
Atrazine	84	89	30 - 100	6	30		
Anthracene	76	79	50 - 107	3	30		
Carbazole	89	93	49 - 104	4	30		
Phenanthrene	83	85	48 - 108	3	30		
Pentachlorophenol	76	77	19 - 113	1	30		
Pyrene	75	77	49 - 116	2	30		
Chrysene	80	84	45 - 114	5	30		
Benzo[k]fluoranthene	83	87	35 - 115	5	30		
Benzo[g,h,i]perylene	83	85	43 - 106	2	30		
Benzo[b]fluoranthene	92	91	33 - 96	2	30		
Benzo[a]pyrene	83	86	36 - 89	3	30		
Benzo[a]anthracene	81	85	46 - 112	4	30		
N-Nitrosodiphenylamine	85	86	49 - 106	2	30		
Butyl benzyl phthalate	87	90	49 - 117	3	30		
Bis(2-ethylhexyl) phthalate	91	95	49 - 119	4	30		
Di-n-octyl phthalate	84	87	40 - 106	3	30		
Indeno[1,2,3-cd]pyrene	85	90	43 - 109	5	30		
Dibenz(a,h)anthracene	87	89	43 - 107	2	30		

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69007

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24279-1	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15589.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	03/31/2011 0646			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

MSD Lab Sample ID:	460-24279-1	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15590.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Date Analyzed:	03/31/2011 0708			Final Weight/Volume:	1 mL
Date Prepared:	03/30/2011 2253			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
3,3'-Dichlorobenzidine	65	70	24 - 105	7	30		
1,2,4,5-Tetrachlorobenzene	78	80	70 - 130	2	30		
2,3,4,6-Tetrachlorophenol	91	93	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69007

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24279-1	Units: ug/Kg	MSD Lab Sample ID: 460-24279-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	03/31/2011 0646		Date Analyzed: 03/31/2011 0708
Date Prepared:	03/30/2011 2253		Date Prepared: 03/30/2011 2253

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	350	U	7060	7040	5410		5560	
2-Chlorophenol	350	U	7060	7040	5100		5330	
2-Methylphenol	350	U	7060	7040	5510		5800	
4-Methylphenol	350	U	7060	7040	5480		5700	
Benzaldehyde	350	U	3530	3520	3070		3340	
Acetophenone	350	U	3530	3520	2910		3020	
Bis(2-chloroethyl)ether	35	U	3530	3520	2810		2790	
2,2'-oxybis[1-chloropropane]	350	U	3530	3520	2850		2970	
N-Nitrosodi-n-propylamine	35	U	3530	3520	3120		3260	
Nitrobenzene	35	U	3530	3520	2630		2730	
Hexachloroethane	35	U	3530	3520	2590		2700	
Isophorone	350	U	3530	3520	2950		3040	
2-Nitrophenol	350	U	7060	7040	5590		5840	
2,4-Dimethylphenol	350	U	7060	7040	5490		5720	
2,4-Dichlorophenol	350	U	7060	7040	5510		5690	
Bis(2-chloroethoxy)methane	350	U	3530	3520	2950		3050	
Naphthalene	350	U	3530	3520	2700		2800	
4-Chloroaniline	350	U	3530	3520	2150		2110	
Hexachlorobutadiene	71	U	3530	3520	2720		2860	
Caprolactam	350	U	3530	3520	2920		2940	
4-Chloro-3-methylphenol	350	U	7060	7040	5800		6020	
2-Methylnaphthalene	350	U	3530	3520	4700	F	4880	F
Hexachlorobenzene	35	U	3530	3520	2970		3050	
Hexachlorocyclopentadiene	350	U	3530	3520	2640		2710	
2,4,6-Trichlorophenol	350	U	7060	7040	5430		5490	
2,4,5-Trichlorophenol	350	U	7060	7040	5710		6240	
Diphenyl	350	U	3530	3520	2820		2890	
2-Chloronaphthalene	350	U	3530	3520	2760		2870	
2-Nitroaniline	710	U	3530	3520	2910		3030	
2,6-Dinitrotoluene	71	U	3530	3520	3460		3580	
Dimethyl phthalate	350	U	3530	3520	3070		3120	
Acenaphthylene	350	U	3530	3520	2750		2810	
3-Nitroaniline	710	U	3530	3520	2520		2460	
Acenaphthene	350	U	3530	3520	2850		2950	
4-Nitrophenol	1100	U	7060	7040	3900		4290	
2,4-Dinitrophenol	1100	U	7060	7040	6050		6090	
Dibenzofuran	350	U	3530	3520	2890		2960	
Diethyl phthalate	350	U	3530	3520	3160		3260	
Fluorene	350	U	3530	3520	2930		3020	
Fluoranthene	350	U	3530	3520	3320		3430	
Di-n-butyl phthalate	350	U	3530	3520	3310		3470	

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69007

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24279-1	Units: ug/Kg	MSD Lab Sample ID:	460-24279-1	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/31/2011 0646		Date Analyzed:	03/31/2011 0708	
Date Prepared:	03/30/2011 2253		Date Prepared:	03/30/2011 2253	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
2,4-Dinitrotoluene	71	U	3530	3520	3450		3530	
4-Chlorophenyl phenyl ether	350	U	3530	3520	3030		3130	
4-Nitroaniline	710	U	3530	3520	3770	F	3900	F
4,6-Dinitro-2-methylphenol	1100	U	7060	7040	5960		6010	
4-Bromophenyl phenyl ether	350	U	3530	3520	2930		3010	
Atrazine	350	U	3530	3520	2950		3140	
Anthracene	350	U	3530	3520	2700		2790	
Carbazole	350	U	3530	3520	3160		3280	
Phenanthrene	350	U	3530	3520	2920		3010	
Pentachlorophenol	1100	U	7060	7040	5390		5450	
Pyrene	350	U	3530	3520	2660		2710	
Chrysene	350	U	3530	3520	2830		2970	
Benzo[k]fluoranthene	35	U	3530	3520	2930		3070	
Benzo[g,h,i]perylene	350	U	3530	3520	2920		2990	
Benzo[b]fluoranthene	35	U	3530	3520	3240		3190	
Benzo[a]pyrene	35	U	3530	3520	2930		3020	
Benzo[a]anthracene	35	U	3530	3520	2860		2980	
N-Nitrosodiphenylamine	350	U	3530	3520	2990		3040	
Butyl benzyl phthalate	350	U	3530	3520	3050		3160	
Bis(2-ethylhexyl) phthalate	350	U	3530	3520	3210		3350	
Di-n-octyl phthalate	350	U	3530	3520	2980		3070	
Indeno[1,2,3-cd]pyrene	35	U	3530	3520	3010		3170	
Dibenz(a,h)anthracene	35	U	3530	3520	3080		3130	
3,3'-Dichlorobenzidine	710	U	3530	3520	2300		2470	
1,2,4,5-Tetrachlorobenzene	350	U	3530	3520	2770		2810	
2,3,4,6-Tetrachlorophenol	350	U	3530	3520	3210		3280	

Client: Antea USA, Inc.

Job Number: 460-24279-1

Method Blank - Batch: 460-69030

Method: 8082
Preparation: 3541

Lab Sample ID: MB 460-69030/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/01/2011 1043
Date Prepared: 03/31/2011 0906

Analysis Batch: 460-69334
Prep Batch: 460-69030
Units: ug/Kg

Instrument ID: PESTGC7
Lab File ID: or171115.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	13	67
Aroclor 1221	67	U	20	67
Aroclor 1232	67	U	38	67
Aroclor 1242	67	U	13	67
Aroclor 1248	67	U	18	67
Aroclor 1254	67	U	23	67
Aroclor 1260	67	U	7.5	67
Aroclor 1262	67	U	12	67
Aroclor 1268	67	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	127	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	122	30 - 150

Lab Control Sample - Batch: 460-69030

Method: 8082
Preparation: 3541

Lab Sample ID: LCS 460-69030/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/01/2011 1100
Date Prepared: 03/31/2011 0906

Analysis Batch: 460-69334
Prep Batch: 460-69030
Units: ug/Kg

Instrument ID: PESTGC7
Lab File ID: of171116.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	409	123	60 - 144	
Aroclor 1260	333	393	118	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	126	30 - 150

Lab Control Sample - Batch: 460-69030

Method: 8082
Preparation: 3541

Lab Sample ID: LCS 460-69030/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/01/2011 1100
Date Prepared: 03/31/2011 0906

Analysis Batch: 460-69334
Prep Batch: 460-69030
Units: ug/Kg

Instrument ID: PESTGC7
Lab File ID: or171116.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	385	115	60 - 144	
Aroclor 1260	333	378	113	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	119	30 - 150

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69030

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24281-A-31-A MS	Analysis Batch: 460-69334	Instrument ID: PESTGC7
Client Matrix:	Solid	Prep Batch: 460-69030	Lab File ID: or171117.d
Dilution:	1.0		Initial Weight/Volume: 15.04 g
Date Analyzed:	04/01/2011 1117		Final Weight/Volume: 10 mL
Date Prepared:	03/31/2011 0906		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	460-24281-A-31-B MSD	Analysis Batch: 460-69334	Instrument ID: PESTGC7
Client Matrix:	Solid	Prep Batch: 460-69030	Lab File ID: of171118.d
Dilution:	1.0		Initial Weight/Volume: 15.00 g
Date Analyzed:	04/01/2011 1133		Final Weight/Volume: 10 mL
Date Prepared:	03/31/2011 0906		Injection Volume:
			Column ID: PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	117	108	60 - 144	15	30		
Aroclor 1016	126	108	60 - 144	15	30		
Aroclor 1260	116	108	63 - 143	12	30		
Aroclor 1260	122	108	63 - 143	12	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	118	108	30 - 150
DCB Decachlorobiphenyl	124	108	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69030

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24281-A-31-A MS	Units: ug/Kg	MSD Lab Sample ID: 460-24281-A-31-B MSD
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	04/01/2011 1117		Date Analyzed: 04/01/2011 1133
Date Prepared:	03/31/2011 0906		Date Prepared: 03/31/2011 0906

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	89	U	441	442	516	476
Aroclor 1016	89	U	441	442	554	476
Aroclor 1260	89	U	441	442	511	476
Aroclor 1260	89	U	441	442	539	476

Client: Antea USA, Inc. Job Number: 460-24279-1

Method Blank - Batch: 460-68954

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID: MB 460-68954/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/02/2011 1710
Date Prepared: 03/30/2011 1000

Analysis Batch: 460-69393
Prep Batch: 460-68954
Units: mg/Kg

Instrument ID: BNAGC1
Lab File ID: gcr60087.d
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	71	48 - 112
Chlorobenzene	67	32 - 106

Lab Control Sample - Batch: 460-68954

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID: LCS 460-68954/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/02/2011 1725
Date Prepared: 03/30/2011 1000

Analysis Batch: 460-69393
Prep Batch: 460-68954
Units: mg/Kg

Instrument ID: BNAGC1
Lab File ID: gcr60088.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	76.3	57	58 - 112	*

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	76	48 - 112
Chlorobenzene	54	32 - 106

Method Blank - Batch: 460-68964

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID: MB 460-68964/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/02/2011 0634
Date Prepared: 03/30/2011 1000

Analysis Batch: 460-69393
Prep Batch: 460-68964
Units: mg/Kg

Instrument ID: BNAGC1
Lab File ID: gcr60043.d
Initial Weight/Volume: 15.03 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	73	48 - 112
Chlorobenzene	68	32 - 106

Lab Control Sample - Batch: 460-68964

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID: LCS 460-68964/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/05/2011 0914
Date Prepared: 03/30/2011 1000

Analysis Batch: 460-69502
Prep Batch: 460-68964
Units: mg/Kg

Instrument ID: BNAGC1
Lab File ID: gcr60325.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	91.3	68	58 - 112	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	84	48 - 112
Chlorobenzene	60	32 - 106

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68964

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-24277-F-1-D MS	Analysis Batch: 460-69393	Instrument ID: BNAGC1
Client Matrix:	Solid	Prep Batch: 460-68964	Lab File ID: gcr60073.d
Dilution:	1.0		Initial Weight/Volume: 15.00 g
Date Analyzed:	04/02/2011 1351		Final Weight/Volume: 1 mL
Date Prepared:	03/30/2011 1000		Injection Volume: 1 uL

MSD Lab Sample ID:	460-24277-F-1-E MSD	Analysis Batch: 460-69393	Instrument ID: BNAGC1
Client Matrix:	Solid	Prep Batch: 460-68964	Lab File ID: gcr60074.d
Dilution:	1.0		Initial Weight/Volume: 15.02 g
Date Analyzed:	04/02/2011 1406		Final Weight/Volume: 1 mL
Date Prepared:	03/30/2011 1000		Injection Volume: 1 uL

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	53	54	58 - 112	1	40	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	97	95	48 - 112
Chlorobenzene	78	78	32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68964

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-24277-F-1-D MS	Units: mg/Kg	MSD Lab Sample ID: 460-24277-F-1-E MSD
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	04/02/2011 1351		Date Analyzed: 04/02/2011 1406
Date Prepared:	03/30/2011 1000		Date Prepared: 03/30/2011 1000

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	5.7	U	143	143	76.7	F	77.7	F

Method Blank - Batch: 460-68663

Method: 9251
Preparation: N/A

Lab Sample ID: MB 460-68663/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/28/2011 0844
Date Prepared: N/A

Analysis Batch: 460-68663
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Konelab1
Lab File ID: KL032811.xls
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-68663

Method: 9251
Preparation: N/A

Lab Sample ID: LB 460-68387/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/28/2011 0844
Date Prepared: N/A
Date Leached: 03/24/2011 1256

Analysis Batch: 460-68663
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Konelab1
Lab File ID: KL032811.xls
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-68663

Method: 9251
Preparation: N/A

Lab Sample ID: LCS 460-68663/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/28/2011 0844
Date Prepared: N/A

Analysis Batch: 460-68663
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Konelab1
Lab File ID: KL032811.xls
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Chloride	59.0	57.20	97	85 - 115	

Client: Antea USA, Inc. Job Number: 460-24279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68663

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24279-6	Analysis Batch: 460-68663	Instrument ID: Konelab1
Client Matrix:	Solid	Prep Batch: N/A	Lab File ID: KL032811.xls
Dilution:	1.0		Initial Weight/Volume: 1.0 mL
Date Analyzed:	03/28/2011 0906		Final Weight/Volume: 50 mL
Date Prepared:	N/A		
Date Leached:	03/24/2011 1256		

MSD Lab Sample ID:	460-24279-6	Analysis Batch: 460-68663	Instrument ID: Konelab1
Client Matrix:	Solid	Prep Batch: N/A	Lab File ID: KL032811.xls
Dilution:	1.0		Initial Weight/Volume: 1.0 mL
Date Analyzed:	03/28/2011 0906		Final Weight/Volume: 50 mL
Date Prepared:	N/A		
Date Leached:	03/24/2011 1256		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Chloride	99	100	80 - 120	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68663

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24279-6	Units: mg/Kg	MSD Lab Sample ID: 460-24279-6
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	03/28/2011 0906		Date Analyzed: 03/28/2011 0906
Date Prepared:	N/A		Date Prepared: N/A
Date Leached:	03/24/2011 1256		Date Leached: 03/24/2011 1256

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Chloride	29.0	J	1000	1000	1023	1029

Client: Antea USA, Inc.

Job Number: 460-24279-1

Duplicate - Batch: 460-68119

Method: Moisture
Preparation: N/A

Lab Sample ID: 460-24279-5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/22/2011 1133
Date Prepared: N/A

Analysis Batch: 460-68119
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	11.9	11.4	4	20	
Percent Solids	88.1	88.6	0.6	20	

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-24279-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Antea USA, Inc. Job Number: 460-24279-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-67874					
460-24279-2	PMP-6-WT-E (8.0-8.5)	T	Solid	5035	
460-24279-2MS	Matrix Spike	T	Solid	5035	
460-24279-2MSD	Matrix Spike Duplicate	T	Solid	5035	
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	5035	
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	5035	
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	5035	
Prep Batch: 460-67877					
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	5035	
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	5035	
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	5035	
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	5035	
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	5035	
Analysis Batch:460-68728					
LCS 460-68728/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-68728/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-68728/5	Method Blank	T	Solid	8260B	
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	8260B	460-67877
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	8260B	460-67877
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	8260B	460-67877
Analysis Batch:460-68929					
LCS 460-68929/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-68929/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-68929/5	Method Blank	T	Solid	8260B	
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	8260B	460-67877
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	8260B	460-67877
Analysis Batch:460-69045					
LCS 460-69045/3	Lab Control Sample	T	Solid	8260B	
MB 460-69045/4	Method Blank	T	Solid	8260B	
460-24279-2	PMP-6-WT-E (8.0-8.5)	T	Solid	8260B	460-67874
460-24279-2MS	Matrix Spike	T	Solid	8260B	460-67874
460-24279-2MSD	Matrix Spike Duplicate	T	Solid	8260B	460-67874
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	8260B	460-67874
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	8260B	460-67874
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	8260B	460-67874

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-24279-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-69007					
LCS 460-69007/2-A	Lab Control Sample	T	Solid	3541	
MB 460-69007/1-A	Method Blank	T	Solid	3541	
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	3541	
460-24279-1MS	Matrix Spike	T	Solid	3541	
460-24279-1MSD	Matrix Spike Duplicate	T	Solid	3541	
460-24279-2DL	PMP-6-WT-E (8.0-8.5)	T	Solid	3541	
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	3541	
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	3541	
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	3541	
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	3541	
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	3541	
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	3541	
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	3541	
Analysis Batch:460-69101					
LCS 460-69007/2-A	Lab Control Sample	T	Solid	8270C	460-69007
MB 460-69007/1-A	Method Blank	T	Solid	8270C	460-69007
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	8270C	460-69007
460-24279-1MS	Matrix Spike	T	Solid	8270C	460-69007
460-24279-1MSD	Matrix Spike Duplicate	T	Solid	8270C	460-69007
460-24279-2DL	PMP-6-WT-E (8.0-8.5)	T	Solid	8270C	460-69007
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	8270C	460-69007
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	8270C	460-69007
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	8270C	460-69007
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	8270C	460-69007
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	8270C	460-69007
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	8270C	460-69007
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	8270C	460-69007

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-24279-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-68954					
LCS 460-68954/2-A	Lab Control Sample	T	Solid	3546	
MB 460-68954/1-A	Method Blank	T	Solid	3546	
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	3546	
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	3546	
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	3546	
Prep Batch: 460-68964					
LCS 460-68964/2-A	Lab Control Sample	T	Solid	3546	
MB 460-68964/1-A	Method Blank	T	Solid	3546	
460-24277-F-1-D MS	Matrix Spike	T	Solid	3546	
460-24277-F-1-E MSD	Matrix Spike Duplicate	T	Solid	3546	
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	3546	
460-24279-2	PMP-6-WT-E (8.0-8.5)	T	Solid	3546	
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	3546	
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	3546	
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	3546	
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	3546	
Prep Batch: 460-69030					
LCS 460-69030/2-A	Lab Control Sample	T	Solid	3541	
MB 460-69030/1-A	Method Blank	T	Solid	3541	
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	3541	
460-24279-2	PMP-6-WT-E (8.0-8.5)	T	Solid	3541	
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	3541	
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	3541	
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	3541	
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	3541	
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	3541	
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	3541	
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	3541	
460-24281-A-31-A MS	Matrix Spike	T	Solid	3541	
460-24281-A-31-B MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-69307					
460-24279-2	PMP-6-WT-E (8.0-8.5)	T	Solid	8082	460-69030
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	8082	460-69030
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	8082	460-69030
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	8082	460-69030
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	8082	460-69030

Client: Antea USA, Inc. Job Number: 460-24279-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-69334					
LCS 460-69030/2-A	Lab Control Sample	T	Solid	8082	460-69030
MB 460-69030/1-A	Method Blank	T	Solid	8082	460-69030
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	8082	460-69030
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	8082	460-69030
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	8082	460-69030
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	8082	460-69030
460-24281-A-31-A MS	Matrix Spike	T	Solid	8082	460-69030
460-24281-A-31-B MSD	Matrix Spike Duplicate	T	Solid	8082	460-69030
Analysis Batch:460-69393					
LCS 460-68954/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-68954
MB 460-68954/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-68954
MB 460-68964/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-F-1-D MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-F-1-E MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-68964
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	NJ-OQA-QAM-02	460-68964
Analysis Batch:460-69502					
LCS 460-68964/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-68964
460-24279-2	PMP-6-WT-E (8.0-8.5)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	NJ-OQA-QAM-02	460-68954

Report Basis

T = Total

Client: Antea USA, Inc. Job Number: 460-24279-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-68119					
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	Moisture	
460-24279-2	PMP-6-WT-E (8.0-8.5)	T	Solid	Moisture	
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	Moisture	
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	Moisture	
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	Moisture	
460-24279-5DU	Duplicate	T	Solid	Moisture	
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	Moisture	
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	Moisture	
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	Moisture	
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	Moisture	
Prep Batch: 460-68387					
LB 460-68387/1-A	TCLP SPLPE Leachate Blank	T	Solid	D3987-85	
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	D3987-85	
460-24279-2	PMP-6-WT-E (8.0-8.5)	T	Solid	D3987-85	
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	D3987-85	
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	D3987-85	
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	D3987-85	
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	D3987-85	
460-24279-6MS	Matrix Spike	T	Solid	D3987-85	
460-24279-6MSD	Matrix Spike Duplicate	T	Solid	D3987-85	
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	D3987-85	
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	D3987-85	
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	D3987-85	
Analysis Batch:460-68663					
LB 460-68387/1-A	TCLP SPLPE Leachate Blank	T	Solid	9251	
LCS 460-68663/6	Lab Control Sample	T	Water	9251	
MB 460-68663/5	Method Blank	T	Water	9251	
460-24279-1	PMP-6-VD-E (3.5-4.0)	T	Solid	9251	
460-24279-2	PMP-6-WT-E (8.0-8.5)	T	Solid	9251	
460-24279-3	PMP-6-SI-E (10.5-11.0)	T	Solid	9251	
460-24279-4	PMP3-VD-E (3.5-4.0)	T	Solid	9251	
460-24279-5	PMP-3-WT-E (8.0-8.5)	T	Solid	9251	
460-24279-6	PMP3-SI-E (10.5-11)	T	Solid	9251	
460-24279-6MS	Matrix Spike	T	Solid	9251	
460-24279-6MSD	Matrix Spike Duplicate	T	Solid	9251	
460-24279-7	PMP-7-VD-E (3.5-4)	T	Solid	9251	
460-24279-8	PMP-7-WT-E (8-8.5)	T	Solid	9251	
460-24279-9	PMP-7-SI-E (10.5-11)	T	Solid	9251	

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-24279-1

Laboratory Chronicle

Lab ID: 460-24279-1 **Client ID: PMP-6-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 12:35 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-D-1-A		460-68728	460-67877	03/18/2011 22:05	1	TAL EDI	FJ
A:8260B	460-24279-D-1-A		460-68728	460-67877	03/29/2011 01:18	1	TAL EDI	EM
P:3541	460-24279-F-1-D		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-1-D		460-69101	460-69007	03/31/2011 04:36	1	TAL EDI	AS
P:3541	460-24279-F-1-E		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	460-24279-F-1-E		460-69334	460-69030	04/01/2011 13:57	1	TAL EDI	CBB
P:3546	460-24279-F-1-A		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24279-F-1-A		460-69393	460-68964	04/02/2011 11:49	1	TAL EDI	MY
A:9251	460-24279-A-1-A		460-68663		03/28/2011 08:48	1	TAL EDI	MB
A:Moisture	460-24279-A-1		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24279-1 MS **Client ID: PMP-6-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 12:35 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24279-F-1-B MS		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-1-B MS		460-69101	460-69007	03/31/2011 06:46	1	TAL EDI	AS

Lab ID: 460-24279-1 MSD **Client ID: PMP-6-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 12:35 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24279-F-1-C MSD		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-1-C MSD		460-69101	460-69007	03/31/2011 07:08	1	TAL EDI	AS

Client: Antea USA, Inc. Job Number: 460-24279-1

Laboratory Chronicle

Lab ID: 460-24279-2 **Client ID: PMP-6-WT-E (8.0-8.5)**

Sample Date/Time: 03/17/2011 12:40 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-D-2-A		460-69045	460-67874	03/18/2011 21:18	50	TAL EDI	FJ
A:8260B	460-24279-D-2-A		460-69045	460-67874	03/31/2011 14:25	50	TAL EDI	SD
P:3541	460-24279-F-2-B	DL	460-69101	460-69007	03/30/2011 22:53	10	TAL EDI	JH
A:8270C	460-24279-F-2-B	DL	460-69101	460-69007	03/31/2011 12:55	10	TAL EDI	AS
P:3541	460-24279-F-2-C		460-69307	460-69030	03/31/2011 09:06	200	TAL EDI	ARA
A:8082	460-24279-F-2-C		460-69307	460-69030	04/02/2011 00:55	200	TAL EDI	CBB
P:3546	460-24279-F-2-A		460-69502	460-68964	03/30/2011 10:00	50	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24279-F-2-A		460-69502	460-68964	04/05/2011 12:35	50	TAL EDI	MY
A:9251	460-24279-A-2-A		460-68663		03/28/2011 08:44	1	TAL EDI	MB
A:Moisture	460-24279-A-2		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24279-2 MS **Client ID: PMP-6-WT-E (8.0-8.5)**

Sample Date/Time: 03/17/2011 12:40 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-D-2-A MS		460-69045	460-67874	03/18/2011 21:18	100	TAL EDI	FJ
A:8260B	460-24279-D-2-A MS		460-69045	460-67874	03/31/2011 14:58	100	TAL EDI	SD

Lab ID: 460-24279-2 MSD **Client ID: PMP-6-WT-E (8.0-8.5)**

Sample Date/Time: 03/17/2011 12:40 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-D-2-A MSD		460-69045	460-67874	03/18/2011 21:18	100	TAL EDI	FJ
A:8260B	460-24279-D-2-A MSD		460-69045	460-67874	03/31/2011 17:08	100	TAL EDI	SD

Client: Antea USA, Inc. Job Number: 460-24279-1

Laboratory Chronicle

Lab ID: 460-24279-3 **Client ID: PMP-6-SI-E (10.5-11.0)**

Sample Date/Time: 03/17/2011 12:45 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-D-3-A		460-68929	460-67877	03/18/2011 22:05	1	TAL EDI	FJ
A:8260B	460-24279-D-3-A		460-68929	460-67877	03/30/2011 08:14	1	TAL EDI	AT
P:3541	460-24279-F-3-B		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-3-B		460-69101	460-69007	03/31/2011 05:20	1	TAL EDI	AS
P:3541	460-24279-F-3-C		460-69307	460-69030	03/31/2011 09:06	20	TAL EDI	ARA
A:8082	460-24279-F-3-C		460-69307	460-69030	04/02/2011 01:11	20	TAL EDI	CBB
P:3546	460-24279-F-3-A		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24279-F-3-A		460-69393	460-68964	04/02/2011 12:18	1	TAL EDI	MY
A:9251	460-24279-A-3-A		460-68663		03/28/2011 08:44	1	TAL EDI	MB
A:Moisture	460-24279-A-3		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24279-4 **Client ID: PMP3-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 13:05 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-D-4-A		460-68728	460-67877	03/18/2011 22:06	1	TAL EDI	FJ
A:8260B	460-24279-D-4-A		460-68728	460-67877	03/29/2011 01:43	1	TAL EDI	EM
P:3541	460-24279-F-4-B		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-4-B		460-69101	460-69007	03/31/2011 05:41	1	TAL EDI	AS
P:3541	460-24279-F-4-C		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	460-24279-F-4-C		460-69334	460-69030	04/01/2011 14:46	1	TAL EDI	CBB
P:3546	460-24279-F-4-A		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24279-F-4-A		460-69393	460-68964	04/02/2011 12:44	1	TAL EDI	MY
A:9251	460-24279-A-4-A		460-68663		03/28/2011 08:44	1	TAL EDI	MB
A:Moisture	460-24279-A-4		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24279-1

Laboratory Chronicle

Lab ID: 460-24279-5 **Client ID: PMP-3-WT-E (8.0-8.5)**

Sample Date/Time: 03/17/2011 13:10 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-D-5-A		460-68929	460-67877	03/18/2011 22:06	1	TAL EDI	FJ
A:8260B	460-24279-D-5-A		460-68929	460-67877	03/30/2011 07:49	1	TAL EDI	AT
P:3541	460-24279-F-5-B		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-5-B		460-69101	460-69007	03/31/2011 06:03	1	TAL EDI	AS
P:3541	460-24279-F-5-C		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	460-24279-F-5-C		460-69334	460-69030	04/01/2011 15:03	1	TAL EDI	CBB
P:3546	460-24279-F-5-A		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24279-F-5-A		460-69393	460-68964	04/02/2011 12:58	1	TAL EDI	MY
A:9251	460-24279-A-5-A		460-68663		03/28/2011 08:44	1	TAL EDI	MB
A:Moisture	460-24279-A-5		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24279-5 DU **Client ID: PMP-3-WT-E (8.0-8.5)**

Sample Date/Time: 03/17/2011 13:10 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-24279-A-5 DU		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24279-6 **Client ID: PMP3-SI-E (10.5-11)**

Sample Date/Time: 03/17/2011 13:15 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-D-6-A		460-68728	460-67877	03/18/2011 22:06	1	TAL EDI	FJ
A:8260B	460-24279-D-6-A		460-68728	460-67877	03/29/2011 02:33	1	TAL EDI	EM
P:3541	460-24279-F-6-B		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-6-B		460-69101	460-69007	03/31/2011 06:25	1	TAL EDI	AS
P:3541	460-24279-F-6-C		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	460-24279-F-6-C		460-69334	460-69030	04/01/2011 15:19	1	TAL EDI	CBB
P:3546	460-24279-F-6-A		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24279-F-6-A		460-69393	460-68964	04/02/2011 13:28	1	TAL EDI	MY
A:9251	460-24279-A-6-A		460-68663		03/28/2011 08:44	1	TAL EDI	MB
A:Moisture	460-24279-A-6		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24279-6 MS **Client ID: PMP3-SI-E (10.5-11)**

Sample Date/Time: 03/17/2011 13:15 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24279-A-6-A MS		460-68663		03/28/2011 09:06	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-24279-1

Laboratory Chronicle

Lab ID: 460-24279-6 MSD **Client ID: PMP3-SI-E (10.5-11)**

Sample Date/Time: 03/17/2011 13:15 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24279-A-6-A MSD		460-68663		03/28/2011 09:06	1	TAL EDI	MB

Lab ID: 460-24279-7 **Client ID: PMP-7-VD-E (3.5-4)**

Sample Date/Time: 03/17/2011 13:30 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-B-7-A		460-69045	460-67874	03/18/2011 21:20	50	TAL EDI	FJ
A:8260B	460-24279-B-7-A		460-69045	460-67874	03/31/2011 12:48	50	TAL EDI	SD
P:3541	460-24279-F-7-B		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-7-B		460-69101	460-69007	03/31/2011 08:57	1	TAL EDI	AS
P:3541	460-24279-F-7-C		460-69307	460-69030	03/31/2011 09:06	100	TAL EDI	ARA
A:8082	460-24279-F-7-C		460-69307	460-69030	04/02/2011 01:28	100	TAL EDI	CBB
P:3546	460-24279-F-7-A		460-69502	460-68954	03/30/2011 10:00	20	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24279-F-7-A		460-69502	460-68954	04/05/2011 13:58	20	TAL EDI	MY
A:9251	460-24279-A-7-A		460-68663		03/28/2011 08:48	1	TAL EDI	MB
A:Moisture	460-24279-A-7		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24279-8 **Client ID: PMP-7-WT-E (8-8.5)**

Sample Date/Time: 03/17/2011 13:35 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-D-8-A		460-69045	460-67874	03/18/2011 21:20	50	TAL EDI	FJ
A:8260B	460-24279-D-8-A		460-69045	460-67874	03/31/2011 13:21	50	TAL EDI	SD
P:3541	460-24279-F-8-B		460-69101	460-69007	03/30/2011 22:53	5	TAL EDI	JH
A:8270C	460-24279-F-8-B		460-69101	460-69007	03/31/2011 12:33	5	TAL EDI	AS
P:3541	460-24279-F-8-C		460-69307	460-69030	03/31/2011 09:06	500	TAL EDI	ARA
A:8082	460-24279-F-8-C		460-69307	460-69030	04/02/2011 01:44	500	TAL EDI	CBB
P:3546	460-24279-F-8-A		460-69502	460-68954	03/30/2011 10:00	20	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24279-F-8-A		460-69502	460-68954	04/05/2011 14:05	20	TAL EDI	MY
A:9251	460-24279-A-8-A		460-68663		03/28/2011 08:48	1	TAL EDI	MB
A:Moisture	460-24279-A-8		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24279-1

Laboratory Chronicle

Lab ID: 460-24279-9 **Client ID:** PMP-7-SI-E (10.5-11)

Sample Date/Time: 03/17/2011 13:40 Received Date/Time: 03/18/2011 11:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24279-B-9-A		460-69045	460-67874	03/18/2011 21:20	50	TAL EDI	FJ
A:8260B	460-24279-B-9-A		460-69045	460-67874	03/31/2011 13:53	50	TAL EDI	SD
P:3541	460-24279-F-9-B		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-9-B		460-69101	460-69007	03/31/2011 07:52	1	TAL EDI	AS
P:3541	460-24279-F-9-C		460-69307	460-69030	03/31/2011 09:06	25	TAL EDI	ARA
A:8082	460-24279-F-9-C		460-69307	460-69030	04/02/2011 02:01	25	TAL EDI	CBB
P:3546	460-24279-F-9-A		460-69502	460-68954	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24279-F-9-A		460-69502	460-68954	04/05/2011 14:27	5	TAL EDI	MY
A:9251	460-24279-A-9-A		460-68663		03/28/2011 08:48	1	TAL EDI	MB
A:Moisture	460-24279-A-9		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	MB 460-68728/5		460-68728		03/28/2011 20:07	1	TAL EDI	EM
A:8260B	MB 460-68929/5		460-68929		03/30/2011 06:59	1	TAL EDI	AT
A:8260B	MB 460-69045/4		460-69045		03/31/2011 11:44	50	TAL EDI	SD
P:3541	MB 460-69007/1-A		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	MB 460-69007/1-A		460-69101	460-69007	03/31/2011 03:53	1	TAL EDI	AS
P:3541	MB 460-69030/1-A		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	MB 460-69030/1-A		460-69334	460-69030	04/01/2011 10:43	1	TAL EDI	CBB
P:3546	MB 460-68964/1-A		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	MB 460-68964/1-A		460-69393	460-68964	04/02/2011 06:34	1	TAL EDI	MY
P:3546	MB 460-68954/1-A		460-69393	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	MB 460-68954/1-A		460-69393	460-68954	04/02/2011 17:10	1	TAL EDI	MY
A:9251	MB 460-68663/5		460-68663		03/28/2011 08:44	1	TAL EDI	MB

Lab ID: LB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	LB 460-68387/1-A		460-68663		03/28/2011 08:44	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-24279-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCS 460-68728/3		460-68728		03/28/2011 18:34	1	TAL EDI	EM
A:8260B	LCS 460-68929/3		460-68929		03/30/2011 05:05	1	TAL EDI	AT
A:8260B	LCS 460-69045/3		460-69045		03/31/2011 10:07	50	TAL EDI	SD
P:3541	LCS 460-69007/2-A		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	LCS 460-69007/2-A		460-69101	460-69007	03/31/2011 03:31	1	TAL EDI	AS
P:3541	LCS 460-69030/2-A		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	LCS 460-69030/2-A		460-69334	460-69030	04/01/2011 11:00	1	TAL EDI	CBB
P:3546	LCS 460-68954/2-A		460-69393	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	LCS 460-68954/2-A		460-69393	460-68954	04/02/2011 17:25	1	TAL EDI	MY
P:3546	LCS 460-68964/2-A		460-69502	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	LCS 460-68964/2-A		460-69502	460-68964	04/05/2011 09:14	1	TAL EDI	MY
A:9251	LCS 460-68663/6		460-68663		03/28/2011 08:44	1	TAL EDI	MB

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCSD 460-68728/4		460-68728		03/28/2011 18:59	1	TAL EDI	EM
A:8260B	LCSD 460-68929/4		460-68929		03/30/2011 05:30	1	TAL EDI	AT

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 03/16/2011 08:40 Received Date/Time: 03/18/2011 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24281-A-31-A MS		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	460-24281-A-31-A MS		460-69334	460-69030	04/01/2011 11:17	1	TAL EDI	CBB
P:3546	460-24277-F-1-D MS		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-1-D MS		460-69393	460-68964	04/02/2011 13:51	1	TAL EDI	MY

Client: Antea USA, Inc. Job Number: 460-24279-1

Laboratory Chronicle

Lab ID: **MSD** **Client ID:** **N/A**

Sample Date/Time: 03/16/2011 08:40 Received Date/Time: 03/18/2011 15:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24281-A-31-B MSD		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	460-24281-A-31-B MSD		460-69334	460-69030	04/01/2011 11:33	1	TAL EDI	CBB
P:3546	460-24277-F-1-E MSD		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-1-E MSD		460-69393	460-68964	04/02/2011 14:06	1	TAL EDI	MY

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
PMP-6-VD-E (3.5-4.0)	460-24279-1	94	89	94
PMP-6-SI-E (10.5-11.0)	460-24279-3	77	72	77
PMP3-VD-E (3.5-4.0)	460-24279-4	90	89	93
PMP-3-WT-E (8.0-8.5)	460-24279-5	92	81	92
PMP3-SI-E (10.5-11)	460-24279-6	93	89	95
	MB 460-68728/5	92	88	93
	MB 460-68929/5	91	87	93
	LCS 460-68728/3	93	90	96
	LCS 460-68929/3	91	92	97
	LCSD 460-68728/4	74	72	77
	LCSD 460-68929/4	91	91	97

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
PMP-6-WT-E (8.0-8.5)	460-24279-2	87	78	106
PMP-7-VD-E (3.5-4)	460-24279-7	91	82	113
PMP-7-WT-E (8-8.5)	460-24279-8	89	78	101
PMP-7-SI-E (10.5-11)	460-24279-9	91	80	98
	MB 460-69045/4	113	99	107
	LCS 460-69045/3	124	110	116
PMP-6-WT-E (8.0-8.5) MS	460-24279-2 MS	89	67	96
PMP-6-WT-E (8.0-8.5) MSD	460-24279-2 MSD	90	72	113

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = Bromofluorobenzene	50-124

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46699.d

Lab ID: LCS 460-68728/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.5	88	50-151	
Bromomethane	20.0	23.4	117	54-142	
Vinyl chloride	20.0	18.0	90	67-133	
Chloroethane	20.0	21.7	108	56-146	
Methylene Chloride	20.0	19.6	98	74-137	
Acetone	20.0	26.8	134	27-164	
Carbon disulfide	20.0	17.4	87	72-128	
Trichlorofluoromethane	20.0	17.3	86	61-139	
1,1-Dichloroethene	20.0	18.9	94	71-126	
1,1-Dichloroethane	20.0	18.7	93	76-125	
trans-1,2-Dichloroethene	20.0	18.9	95	75-122	
cis-1,2-Dichloroethene	20.0	19.1	95	80-120	
Chloroform	20.0	19.2	96	77-120	
2-Butanone	20.0	22.1	110	77-117	
1,2-Dichloroethane	20.0	19.2	96	76-118	
1,1,1-Trichloroethane	20.0	18.2	91	78-117	
Carbon tetrachloride	20.0	18.4	92	79-118	
Benzene	20.0	18.9	95	77-117	
Bromoform	20.0	17.1	85	59-125	
Styrene	20.0	18.9	94	82-122	
Ethylbenzene	20.0	18.9	94	81-121	
Chlorobenzene	20.0	19.2	96	80-120	
Cyclohexane	20.0	16.1	80	80-121	
Isopropylbenzene	20.0	20.6	103	65-129	
2-Hexanone	20.0	21.3	107	70-122	
MTBE	20.0	20.4	102	78-120	
Freon TF	20.0	19.7	99	73-123	
Methyl acetate	20.0	20.9	105	73-137	
1,4-Dioxane	150	170	114	69-131	
Trichloroethene	20.0	18.6	93	79-119	
Toluene	20.0	18.3	92	75-115	
trans-1,3-Dichloropropene	20.0	18.6	93	67-121	
4-Methyl-2-pentanone	20.0	21.9	109	68-120	
cis-1,3-Dichloropropene	20.0	18.9	94	80-123	
1,2-Dichlorobenzene	20.0	19.2	96	80-120	
1,3-Dichlorobenzene	20.0	18.9	94	80-120	
1,4-Dichlorobenzene	20.0	19.3	96	80-120	
1,2,4-Trichlorobenzene	20.0	20.4	102	80-120	
1,2,3-Trichlorobenzene	20.0	19.9	100	75-121	
1,2-Dichloropropane	20.0	19.4	97	82-122	
Methylcyclohexane	20.0	16.2	81	78-118	
Tetrachloroethene	20.0	19.6	98	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46699.d

Lab ID: LCS 460-68728/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	56.5	94	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.5	92	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.7	88	79-122	
1,1,2-Trichloroethane	20.0	19.6	98	73-118	
Dibromochloromethane	20.0	19.9	99	68-120	
1,2-Dibromoethane	20.0	19.9	99	75-117	
Dichlorodifluoromethane	20.0	16.5	82	52-144	
Bromochloromethane	20.0	20.0	100	74-125	
Bromodichloromethane	20.0	19.6	98	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46751.d

Lab ID: LCS 460-68929/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	18.2	91	50-151	
Bromomethane	20.0	18.6	93	54-142	
Vinyl chloride	20.0	20.4	102	67-133	
Chloroethane	20.0	21.1	106	56-146	
Methylene Chloride	20.0	20.4	102	74-137	
Acetone	20.0	27.1	135	27-164	
Carbon disulfide	20.0	19.0	95	72-128	
Trichlorofluoromethane	20.0	22.4	112	61-139	
1,1-Dichloroethene	20.0	19.8	99	71-126	
1,1-Dichloroethane	20.0	19.7	99	76-125	
trans-1,2-Dichloroethene	20.0	20.2	101	75-122	
cis-1,2-Dichloroethene	20.0	20.4	102	80-120	
Chloroform	20.0	20.2	101	77-120	
2-Butanone	20.0	22.1	110	77-117	
1,2-Dichloroethane	20.0	19.0	95	76-118	
1,1,1-Trichloroethane	20.0	21.4	107	78-117	
Carbon tetrachloride	20.0	22.0	110	79-118	
Benzene	20.0	19.8	99	77-117	
Bromoform	20.0	16.9	85	59-125	
Styrene	20.0	20.2	101	82-122	
Ethylbenzene	20.0	20.1	101	81-121	
Chlorobenzene	20.0	20.2	101	80-120	
Cyclohexane	20.0	18.7	94	80-121	
Isopropylbenzene	20.0	21.2	106	65-129	
2-Hexanone	20.0	18.5	92	70-122	
MTBE	20.0	20.5	102	78-120	
Freon TF	20.0	23.5	118	73-123	
Methyl acetate	20.0	23.3	117	73-137	
1,4-Dioxane	150	150	100	69-131	
Trichloroethene	20.0	21.2	106	79-119	
Toluene	20.0	19.6	98	75-115	
trans-1,3-Dichloropropene	20.0	18.6	93	67-121	
4-Methyl-2-pentanone	20.0	19.1	96	68-120	
cis-1,3-Dichloropropene	20.0	19.3	97	80-123	
1,2-Dichlorobenzene	20.0	19.8	99	80-120	
1,3-Dichlorobenzene	20.0	19.6	98	80-120	
1,4-Dichlorobenzene	20.0	19.9	99	80-120	
1,2,4-Trichlorobenzene	20.0	20.8	104	80-120	
1,2,3-Trichlorobenzene	20.0	20.5	102	75-121	
1,2-Dichloropropane	20.0	18.9	95	82-122	
Methylcyclohexane	20.0	19.5	98	78-118	
Tetrachloroethene	20.0	22.6	113	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46751.d

Lab ID: LCS 460-68929/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	62.0	103	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.8	84	74-118	
1,1,2,2-Tetrachloroethane	20.0	15.9	80	79-122	
1,1,2-Trichloroethane	20.0	20.2	101	73-118	
Dibromochloromethane	20.0	20.6	103	68-120	
1,2-Dibromoethane	20.0	19.8	99	75-117	
Dichlorodifluoromethane	20.0	24.0	120	52-144	
Bromochloromethane	20.0	20.4	102	74-125	
Bromodichloromethane	20.0	19.8	99	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98779.d

Lab ID: LCS 460-69045/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	2200	110	52-144	
Bromomethane	2000	2240	112	58-154	
Vinyl chloride	2000	2230	111	55-154	
Chloroethane	2000	2220	111	66-144	
Methylene Chloride	2000	1960	98	78-118	
Acetone	2000	1790	89	48-177	
Carbon disulfide	2000	1900	95	70-120	
Trichlorofluoromethane	2000	2290	114	60-148	
1,1-Dichloroethene	2000	2020	101	68-138	
1,1-Dichloroethane	2000	2080	104	79-119	
trans-1,2-Dichloroethene	2000	1900	95	73-119	
cis-1,2-Dichloroethene	2000	1980	99	78-118	
Chloroform	2000	2030	102	81-122	
2-Butanone	2000	1680	84	70-139	
1,2-Dichloroethane	2000	2250	113	81-121	
1,1,1-Trichloroethane	2000	2040	102	78-118	
Carbon tetrachloride	2000	1860	93	64-130	
Benzene	2000	1970	99	71-118	
Bromoform	2000	1940	97	76-133	
Styrene	2000	1910	95	73-126	
Ethylbenzene	2000	2020	101	78-124	
Chlorobenzene	2000	2000	100	69-124	
Cyclohexane	2000	1950	98	69-128	
Isopropylbenzene	2000	2060	103	80-143	
2-Hexanone	2000	1710	86	62-123	
MTBE	2000	1920	96	65-143	
Freon TF	2000	2320	116	50-128	
Methyl acetate	2000	1640	82	72-165	
1,4-Dioxane	15000	12800	86	54-147	
Trichloroethene	2000	1990	100	82-122	
Toluene	2000	1940	97	79-136	
trans-1,3-Dichloropropene	2000	1900	95	73-118	
4-Methyl-2-pentanone	2000	1790	89	69-124	
cis-1,3-Dichloropropene	2000	1940	97	75-120	
1,2-Dichlorobenzene	2000	2040	102	83-123	
1,3-Dichlorobenzene	2000	2040	102	83-123	
1,4-Dichlorobenzene	2000	2040	102	84-124	
1,2,4-Trichlorobenzene	2000	2210	111	62-144	
1,2,3-Trichlorobenzene	2000	2630	132	36-207	
1,2-Dichloropropane	2000	2080	104	78-118	
Methylcyclohexane	2000	1940	97	80-134	
Tetrachloroethene	2000	2030	102	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98779.d

Lab ID: LCS 460-69045/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	5880	98	78-126	
1,2-Dibromo-3-Chloropropane	2000	1920	96	62-127	
1,1,2,2-Tetrachloroethane	2000	2160	108	86-145	
1,1,2-Trichloroethane	2000	1980	99	77-120	
Dibromochloromethane	2000	1920	96	78-118	
1,2-Dibromoethane	2000	1920	96	76-120	
Dichlorodifluoromethane	2000	2150	108	41-149	
Bromochloromethane	2000	2000	100	81-121	
Bromodichloromethane	2000	2040	102	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46700.d

Lab ID: LCSD 460-68728/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	17.8	89	2	30	50-151	
Bromomethane	20.0	22.8	114	2	30	54-142	
Vinyl chloride	20.0	18.7	93	4	30	67-133	
Chloroethane	20.0	21.8	109	1	30	56-146	
Methylene Chloride	20.0	20.1	101	3	30	74-137	
Acetone	20.0	32.2	161	18	30	27-164	
Carbon disulfide	20.0	17.7	89	2	30	72-128	
Trichlorofluoromethane	20.0	18.1	91	5	30	61-139	
1,1-Dichloroethene	20.0	18.8	94	0	30	71-126	
1,1-Dichloroethane	20.0	19.0	95	2	30	76-125	
trans-1,2-Dichloroethene	20.0	19.2	96	1	30	75-122	
cis-1,2-Dichloroethene	20.0	19.8	99	4	30	80-120	
Chloroform	20.0	19.7	98	3	30	77-120	
2-Butanone	20.0	23.1	116	5	30	77-117	
1,2-Dichloroethane	20.0	19.4	97	1	30	76-118	
1,1,1-Trichloroethane	20.0	18.5	92	2	30	78-117	
Carbon tetrachloride	20.0	19.2	96	4	30	79-118	
Benzene	20.0	19.1	95	1	30	77-117	
Bromoform	20.0	17.8	89	4	30	59-125	
Styrene	20.0	19.1	96	1	30	82-122	
Ethylbenzene	20.0	19.3	96	2	30	81-121	
Chlorobenzene	20.0	19.7	98	3	30	80-120	
Cyclohexane	20.0	16.4	82	2	30	80-121	
Isopropylbenzene	20.0	21.0	105	2	30	65-129	
2-Hexanone	20.0	22.3	112	5	30	70-122	
MTBE	20.0	20.3	101	1	30	78-120	
Freon TF	20.0	20.1	100	2	30	73-123	
Methyl acetate	20.0	19.8	99	6	30	73-137	
1,4-Dioxane	150	191	128	12	30	69-131	
Trichloroethene	20.0	19.2	96	3	30	79-119	
Toluene	20.0	18.8	94	2	30	75-115	
trans-1,3-Dichloropropene	20.0	18.5	93	0	30	67-121	
4-Methyl-2-pentanone	20.0	22.3	111	2	30	68-120	
cis-1,3-Dichloropropene	20.0	18.8	94	0	30	80-123	
1,2-Dichlorobenzene	20.0	19.8	99	3	30	80-120	
1,3-Dichlorobenzene	20.0	18.9	95	0	30	80-120	
1,4-Dichlorobenzene	20.0	19.8	99	3	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.3	101	1	30	80-120	
1,2,3-Trichlorobenzene	20.0	20.4	102	2	30	75-121	
1,2-Dichloropropane	20.0	18.9	94	3	30	82-122	
Methylcyclohexane	20.0	16.3	82	1	30	78-118	
Tetrachloroethene	20.0	19.5	98	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46700.d

Lab ID: LCSD 460-68728/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	57.5	96	2	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.5	93	0	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	2	30	79-122	
1,1,2-Trichloroethane	20.0	19.5	97	1	30	73-118	
Dibromochloromethane	20.0	19.8	99	0	30	68-120	
1,2-Dibromoethane	20.0	20.5	103	3	30	75-117	
Dichlorodifluoromethane	20.0	17.5	87	6	30	52-144	
Bromochloromethane	20.0	20.0	100	0	30	74-125	
Bromodichloromethane	20.0	19.9	99	2	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46752.d

Lab ID: LCSD 460-68929/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	17.2	86	5	30	50-151	
Bromomethane	20.0	21.6	108	15	30	54-142	
Vinyl chloride	20.0	21.0	105	3	30	67-133	
Chloroethane	20.0	22.4	112	6	30	56-146	
Methylene Chloride	20.0	18.6	93	10	30	74-137	
Acetone	20.0	25.5	128	6	30	27-164	
Carbon disulfide	20.0	18.7	94	2	30	72-128	
Trichlorofluoromethane	20.0	23.4	117	4	30	61-139	
1,1-Dichloroethene	20.0	21.2	106	6	30	71-126	
1,1-Dichloroethane	20.0	19.2	96	3	30	76-125	
trans-1,2-Dichloroethene	20.0	19.7	99	2	30	75-122	
cis-1,2-Dichloroethene	20.0	19.0	95	7	30	80-120	
Chloroform	20.0	19.3	97	4	30	77-120	
2-Butanone	20.0	19.7	98	12	30	77-117	
1,2-Dichloroethane	20.0	17.5	88	8	30	76-118	
1,1,1-Trichloroethane	20.0	20.0	100	6	30	78-117	
Carbon tetrachloride	20.0	21.0	105	5	30	79-118	
Benzene	20.0	18.8	94	5	30	77-117	
Bromoform	20.0	15.9	80	6	30	59-125	
Styrene	20.0	18.0	90	11	30	82-122	
Ethylbenzene	20.0	19.2	96	5	30	81-121	
Chlorobenzene	20.0	18.8	94	7	30	80-120	
Cyclohexane	20.0	18.0	90	4	30	80-121	
Isopropylbenzene	20.0	21.0	105	1	30	65-129	
2-Hexanone	20.0	17.8	89	3	30	70-122	
MTBE	20.0	18.4	92	10	30	78-120	
Freon TF	20.0	22.9	114	3	30	73-123	
Methyl acetate	20.0	18.2	91	25	30	73-137	
1,4-Dioxane	150	148	99	2	30	69-131	
Trichloroethene	20.0	19.8	99	7	30	79-119	
Toluene	20.0	18.5	93	6	30	75-115	
trans-1,3-Dichloropropene	20.0	17.1	86	8	30	67-121	
4-Methyl-2-pentanone	20.0	17.6	88	9	30	68-120	
cis-1,3-Dichloropropene	20.0	17.5	88	10	30	80-123	
1,2-Dichlorobenzene	20.0	18.3	91	8	30	80-120	
1,3-Dichlorobenzene	20.0	18.2	91	8	30	80-120	
1,4-Dichlorobenzene	20.0	18.4	92	8	30	80-120	
1,2,4-Trichlorobenzene	20.0	18.1	90	14	30	80-120	
1,2,3-Trichlorobenzene	20.0	17.8	89	14	30	75-121	
1,2-Dichloropropane	20.0	16.9	84	12	30	82-122	
Methylcyclohexane	20.0	18.5	92	6	30	78-118	
Tetrachloroethene	20.0	21.6	108	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46752.d

Lab ID: LCSD 460-68929/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	56.7	95	9	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.3	81	3	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	16.2	81	2	30	79-122	
1,1,2-Trichloroethane	20.0	18.1	91	11	30	73-118	
Dibromochloromethane	20.0	19.0	95	8	30	68-120	
1,2-Dibromoethane	20.0	18.1	90	9	30	75-117	
Dichlorodifluoromethane	20.0	22.0	110	9	30	52-144	
Bromochloromethane	20.0	19.0	95	7	30	74-125	
Bromodichloromethane	20.0	18.8	94	5	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98788.d

Lab ID: 460-24279-2 MS Client ID: PMP-6-WT-E (8.0-8.5) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	1010	51 U	935	92	52-144	
Bromomethane	1010	51 U	769	76	58-164	
Vinyl chloride	1010	51 U	888	88	55-154	
Chloroethane	1010	51 U	787	78	66-144	
Methylene Chloride	1010	51 U	905	89	78-118	
Acetone	1010	510 U	1200	119	48-177	
Carbon disulfide	1010	51 U	769	76	70-120	
Trichlorofluoromethane	1010	51 U	705	70	60-148	
1,1-Dichloroethene	1010	51 U	773	76	68-138	
1,1-Dichloroethane	1010	51 U	990	98	79-119	
trans-1,2-Dichloroethene	1010	51 U	885	88	73-119	
cis-1,2-Dichloroethene	1010	32 J	964	92	78-118	
Chloroform	1010	51 U	966	96	81-122	
2-Butanone	1010	510 U	884 J	87	70-139	
1,2-Dichloroethane	1010	51 U	1040	103	81-121	
1,1,1-Trichloroethane	1010	51 U	849	84	78-118	
Carbon tetrachloride	1010	51 U	734	73	64-130	
Benzene	1010	51 U	866	86	71-118	
Bromoform	1010	51 U	794	79	76-133	
Styrene	1010	51 U	857	85	73-126	
Ethylbenzene	1010	310	1140	82	78-124	
Chlorobenzene	1010	51 U	919	91	69-124	
Cyclohexane	1010	51 U	839	83	69-128	
Isopropylbenzene	1010	430	1260	82	80-143	
2-Hexanone	1010	510 U	752 J	74	62-123	
MTBE	1010	51 U	963	95	65-143	
Freon TF	1010	51 U	775	77	50-128	
Methyl acetate	1010	100 U	901	89	72-165	
1,4-Dioxane	7580	2500 U	5510	73	54-147	
Trichloroethene	1010	51 U	949	94	82-122	
Toluene	1010	12 J	862	84	79-136	
trans-1,3-Dichloropropene	1010	51 U	834	83	73-118	
4-Methyl-2-pentanone	1010	510 U	837 J	83	69-124	
cis-1,3-Dichloropropene	1010	51 U	867	86	75-120	
1,2-Dichlorobenzene	1010	51 U	1080	107	83-123	
1,3-Dichlorobenzene	1010	51 U	981	97	83-123	
1,4-Dichlorobenzene	1010	51 U	1010	100	84-124	
1,2,4-Trichlorobenzene	1010	960	2040	106	62-144	
1,2,3-Trichlorobenzene	1010	51 U	645	64	36-207	
1,2-Dichloropropane	1010	51 U	1000	99	78-118	
Methylcyclohexane	1010	180	1120	93	80-134	
Tetrachloroethene	1010	51 U	790	78	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98788.d

Lab ID: 460-24279-2 MS Client ID: PMP-6-WT-E (8.0-8.5) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	3030	900	3180	75	78-126	F
1,2-Dibromo-3-Chloropropane	1010	51 U	1390	138	62-127	F
1,1,2,2-Tetrachloroethane	1010	51 U	2180	215	86-145	F
1,1,2-Trichloroethane	1010	51 U	995	98	77-120	
Dibromochloromethane	1010	51 U	830	82	78-118	
1,2-Dibromoethane	1010	51 U	832	82	76-120	
Dichlorodifluoromethane	1010	51 U	537	53	41-149	
Bromochloromethane	1010	51 U	915	91	81-121	
Bromodichloromethane	1010	51 U	960	95	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98792.d

Lab ID: 460-24279-2 MSD Client ID: PMP-6-WT-E (8.0-8.5) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1010	1300	129	33	30	52-144	F
Bromomethane	1010	1030	102	29	30	58-164	
Vinyl chloride	1010	1310	129	38	30	55-154	F
Chloroethane	1010	1090	108	33	30	66-144	F
Methylene Chloride	1010	873	86	3	30	78-118	
Acetone	1010	1150	114	4	30	48-177	
Carbon disulfide	1010	782	77	2	30	70-120	
Trichlorofluoromethane	1010	1160	115	49	30	60-148	F
1,1-Dichloroethene	1010	861	85	11	30	68-138	
1,1-Dichloroethane	1010	978	97	1	30	79-119	
trans-1,2-Dichloroethene	1010	900	89	2	30	73-119	
cis-1,2-Dichloroethene	1010	967	92	0	30	78-118	
Chloroform	1010	960	95	1	30	81-122	
2-Butanone	1010	944 J	93	7	30	70-139	
1,2-Dichloroethane	1010	1030	102	0	30	81-121	
1,1,1-Trichloroethane	1010	903	89	6	30	78-118	
Carbon tetrachloride	1010	827	82	12	30	64-130	
Benzene	1010	845	84	3	30	71-118	
Bromoform	1010	728	72	9	30	76-133	F
Styrene	1010	856	85	0	30	73-126	
Ethylbenzene	1010	1200	88	5	30	78-124	
Chlorobenzene	1010	936	93	2	30	69-124	
Cyclohexane	1010	1050	104	22	30	69-128	
Isopropylbenzene	1010	1410	97	12	30	80-143	
2-Hexanone	1010	724 J	72	4	30	62-123	
MTBE	1010	891	88	8	30	65-143	
Freon TF	1010	524	52	39	30	50-128	F
Methyl acetate	1010	715	71	23	30	72-165	F
1,4-Dioxane	7580	6080	80	10	30	54-147	
Trichloroethene	1010	972	96	2	30	82-122	
Toluene	1010	849	83	2	30	79-136	
trans-1,3-Dichloropropene	1010	845	84	1	30	73-118	
4-Methyl-2-pentanone	1010	891 J	88	6	30	69-124	
cis-1,3-Dichloropropene	1010	854	85	1	30	75-120	
1,2-Dichlorobenzene	1010	1200	119	10	30	83-123	
1,3-Dichlorobenzene	1010	1190	118	19	30	83-123	
1,4-Dichlorobenzene	1010	1140	112	12	30	84-124	
1,2,4-Trichlorobenzene	1010	2180	120	7	30	62-144	
1,2,3-Trichlorobenzene	1010	748	74	15	30	36-207	
1,2-Dichloropropane	1010	997	99	0	30	78-118	
Methylcyclohexane	1010	1460	127	26	30	80-134	
Tetrachloroethene	1010	916	91	15	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98792.d

Lab ID: 460-24279-2 MSD Client ID: PMP-6-WT-E (8.0-8.5) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	3030	3390	82	6	30	78-126	
1,2-Dibromo-3-Chloropropane	1010	1480	146	6	30	62-127	F
1,1,2,2-Tetrachloroethane	1010	2310	229	6	30	86-145	F
1,1,2-Trichloroethane	1010	950	94	5	30	77-120	
Dibromochloromethane	1010	790	78	5	30	78-118	
1,2-Dibromoethane	1010	786	78	6	30	76-120	
Dichlorodifluoromethane	1010	1250	124	80	30	41-149	F
Bromochloromethane	1010	969	96	6	30	81-121	
Bromodichloromethane	1010	970	96	1	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: o46702.d Lab Sample ID: MB 460-68728/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 03/28/2011 20:07

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68728/3	o46699.d	03/28/2011 18:34
	LCSD 460-68728/4	o46700.d	03/28/2011 18:59
PMP-6-VD-E (3.5-4.0)	460-24279-1	o46714.d	03/29/2011 01:18
PMP3-VD-E (3.5-4.0)	460-24279-4	o46715.d	03/29/2011 01:43
PMP3-SI-E (10.5-11)	460-24279-6	o46717.d	03/29/2011 02:33

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: o46755.d Lab Sample ID: MB 460-68929/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 03/30/2011 06:59

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68929/3	o46751.d	03/30/2011 05:05
	LCSD 460-68929/4	o46752.d	03/30/2011 05:30
PMP-3-WT-E (8.0-8.5)	460-24279-5	o46757.d	03/30/2011 07:49
PMP-6-SI-E (10.5-11.0)	460-24279-3	o46758.d	03/30/2011 08:14

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: j98782.d Lab Sample ID: MB 460-69045/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS8 Date Analyzed: 03/31/2011 11:44

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-69045/3	j98779.d	03/31/2011 10:07
PMP-7-VD-E (3.5-4)	460-24279-7	j98784.d	03/31/2011 12:48
PMP-7-WT-E (8-8.5)	460-24279-8	j98785.d	03/31/2011 13:21
PMP-7-SI-E (10.5-11)	460-24279-9	j98786.d	03/31/2011 13:53
PMP-6-WT-E (8.0-8.5)	460-24279-2	j98787.d	03/31/2011 14:25
PMP-6-WT-E (8.0-8.5) MS	460-24279-2 MS	j98788.d	03/31/2011 14:58
PMP-6-WT-E (8.0-8.5) MSD	460-24279-2 MSD	j98792.d	03/31/2011 17:08

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: o45212.d BFB Injection Date: 02/14/2011

Instrument ID: VOAMS12 BFB Injection Time: 17:09

Analysis Batch No.: 64630

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.2	
75	30.0 - 60.0 % of mass 95	46.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.7	(0.7)1
174	50.0 - 120.00 % of mass 95	96.4	
175	5.0 - 9.0 % of mass 174	7.2	(7.5)1
176	95.0 - 101.0 % of mass 174	92.6	(96.1)1
177	5.0 - 9.0 % of mass 176	6.0	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-64630/2	o45214.d	02/14/2011	18:17
	IC 460-64630/3	o45218.d	02/14/2011	23:21
	IC 460-64630/4	o45219.d	02/14/2011	23:46
	IC 460-64630/5	o45220.d	02/15/2011	00:11
	IC 460-64630/6	o45226.d	02/15/2011	02:40
	IC 460-64630/7	o45228.d	02/15/2011	03:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: o46695.d BFB Injection Date: 03/28/2011

Instrument ID: VOAMS12 BFB Injection Time: 16:44

Analysis Batch No.: 68728

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.5	
75	30.0 - 60.0 % of mass 95	46.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	1.1	(1.2)1
174	50.0 - 120.00 % of mass 95	96.5	
175	5.0 - 9.0 % of mass 174	7.0	(7.2)1
176	95.0 - 101.0 % of mass 174	93.6	(97.0)1
177	5.0 - 9.0 % of mass 176	5.8	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68728/2	o46697.d	03/28/2011	17:31
	LCS 460-68728/3	o46699.d	03/28/2011	18:34
	LCSD 460-68728/4	o46700.d	03/28/2011	18:59
	MB 460-68728/5	o46702.d	03/28/2011	20:07
PMP-6-VD-E (3.5-4.0)	460-24279-1	o46714.d	03/29/2011	01:18
PMP3-VD-E (3.5-4.0)	460-24279-4	o46715.d	03/29/2011	01:43
PMP3-SI-E (10.5-11)	460-24279-6	o46717.d	03/29/2011	02:33

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: o46749.d BFB Injection Date: 03/30/2011

Instrument ID: VOAMS12 BFB Injection Time: 04:07

Analysis Batch No.: 68929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.5	
75	30.0 - 60.0 % of mass 95	46.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.9	(1.1)1
174	50.0 - 120.00 % of mass 95	84.8	
175	5.0 - 9.0 % of mass 174	6.1	(7.3)1
176	95.0 - 101.0 % of mass 174	83.7	(98.7)1
177	5.0 - 9.0 % of mass 176	5.7	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68929/2	o46750.d	03/30/2011	04:41
	LCS 460-68929/3	o46751.d	03/30/2011	05:05
	LCSD 460-68929/4	o46752.d	03/30/2011	05:30
	MB 460-68929/5	o46755.d	03/30/2011	06:59
PMP-3-WT-E (8.0-8.5)	460-24279-5	o46757.d	03/30/2011	07:49
PMP-6-SI-E (10.5-11.0)	460-24279-3	o46758.d	03/30/2011	08:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: j97499.d BFB Injection Date: 02/08/2011

Instrument ID: VOAMS8 BFB Injection Time: 06:28

Analysis Batch No.: 63928

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.5	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	72.3	
175	5.0 - 9.0 % of mass 174	5.6	(7.7)1
176	95.0 - 101.0 % of mass 174	71.1	(98.4)1
177	5.0 - 9.0 % of mass 176	5.1	(7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-63928/2	j97500.d	02/08/2011	06:54
	IC 460-63928/3	j97501.d	02/08/2011	07:19
	IC 460-63928/4	j97502.d	02/08/2011	07:45
	IC 460-63928/5	j97503.d	02/08/2011	08:11
	IC 460-63928/6	j97508.d	02/08/2011	10:24
	IC 460-63928/7	j97511.d	02/08/2011	11:41

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: j98776.d BFB Injection Date: 03/31/2011

Instrument ID: VOAMS8 BFB Injection Time: 07:56

Analysis Batch No.: 69045

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.5	
75	30.0 - 60.0 % of mass 95	45.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.5	
173	Less than 2.0 % of mass 174	0.2	(0.3)1
174	50.0 - 120.00 % of mass 95	72.3	
175	5.0 - 9.0 % of mass 174	5.7	(7.9)1
176	95.0 - 101.0 % of mass 174	69.8	(96.5)1
177	5.0 - 9.0 % of mass 176	4.4	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69045/2	j98777.d	03/31/2011	08:19
	LCS 460-69045/3	j98779.d	03/31/2011	10:07
	MB 460-69045/4	j98782.d	03/31/2011	11:44
PMP-7-VD-E (3.5-4)	460-24279-7	j98784.d	03/31/2011	12:48
PMP-7-WT-E (8-8.5)	460-24279-8	j98785.d	03/31/2011	13:21
PMP-7-SI-E (10.5-11)	460-24279-9	j98786.d	03/31/2011	13:53
PMP-6-WT-E (8.0-8.5)	460-24279-2	j98787.d	03/31/2011	14:25
PMP-6-WT-E (8.0-8.5) MS	460-24279-2 MS	j98788.d	03/31/2011	14:58
PMP-6-WT-E (8.0-8.5) MSD	460-24279-2 MSD	j98792.d	03/31/2011	17:08

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Sample No.: CCVIS 460-68728/2 Date Analyzed: 03/28/2011 17:31

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o46697.d Heated Purge: (Y/N) Y

Calibration ID: 9726

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1030864	4.04	722825	7.76	393703	11.48
UPPER LIMIT		2061728	4.54	1445650	8.26	787406	11.98
LOWER LIMIT		515432	3.54	361413	7.26	196852	10.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68728/3		947648	4.04	675105	7.76	375226	11.48
LCSD 460-68728/4		917979	4.04	648790	7.76	360335	11.48
MB 460-68728/5		903242	4.04	637949	7.76	356600	11.47
460-24279-1	PMP-6-VD-E (3.5-4.0)	888492	4.04	669910	7.76	385024	11.47
460-24279-4	PMP3-VD-E (3.5-4.0)	913353	4.04	664107	7.76	387975	11.47
460-24279-6	PMP3-SI-E (10.5-11)	906492	4.04	672020	7.76	386718	11.47

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Sample No.: CCVIS 460-68929/2 Date Analyzed: 03/30/2011 04:41

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o46750.d Heated Purge: (Y/N) Y

Calibration ID: 9726

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1042158	4.03	730919	7.75	396377	11.46
UPPER LIMIT		2084316	4.53	1461838	8.25	792754	11.96
LOWER LIMIT		521079	3.53	365460	7.25	198189	10.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68929/3		967426	4.03	676550	7.75	379020	11.46
LCSD 460-68929/4		987810	4.03	682870	7.75	363990	11.46
MB 460-68929/5		863223	4.03	607308	7.75	338754	11.46
460-24279-5	PMP-3-WT-E (8.0-8.5)	849480	4.03	675841	7.75	398071	11.46
460-24279-3	PMP-6-SI-E (10.5-11.0)	970791	4.03	738464	7.75	437235	11.47

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Sample No.: CCVIS 460-69045/2 Date Analyzed: 03/31/2011 08:19

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): j98777.d Heated Purge: (Y/N) N

Calibration ID: 9575

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1158997	7.87	876655	11.35	477921	13.78
UPPER LIMIT		2317994	8.37	1753310	11.85	955842	14.28
LOWER LIMIT		579499	7.37	438328	10.85	238961	13.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-69045/3		1263479	7.88	939375	11.35	503999	13.79
MB 460-69045/4		1292491	7.88	977737	11.34	519332	13.78
460-24279-7	PMP-7-VD-E (3.5-4)	1400803	7.90	1061956	11.36	547759	13.79
460-24279-8	PMP-7-WT-E (8-8.5)	1392480	7.90	1061437	11.37	589135	13.80
460-24279-9	PMP-7-SI-E (10.5-11)	1225447	7.90	941528	11.36	518939	13.79
460-24279-2	PMP-6-WT-E (8.0-8.5)	1366479	7.91	1004972	11.36	509573	13.80
460-24279-2 MS	PMP-6-WT-E (8.0-8.5) MS	1381587	7.91	1131235	11.36	556453	13.80
460-24279-2 MSD	PMP-6-WT-E (8.0-8.5) MSD	1362643	7.92	1129043	11.37	508760	13.80

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-1

Matrix: Solid | Lab File ID: o46714.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:35

Sample wt/vol: 5.91(g) | Date Analyzed: 03/29/2011 01:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.5 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.90	U	0.90	0.57
74-83-9	Bromomethane	0.90	U	0.90	0.37
75-01-4	Vinyl chloride	0.90	U	0.90	0.21
75-00-3	Chloroethane	0.90	U	0.90	0.36
75-09-2	Methylene Chloride	0.90	U	0.90	0.42
67-64-1	Acetone	20	B	9.0	3.3
75-15-0	Carbon disulfide	0.90	U	0.90	0.42
75-69-4	Trichlorofluoromethane	0.90	U	0.90	0.23
75-35-4	1,1-Dichloroethene	0.90	U	0.90	0.33
75-34-3	1,1-Dichloroethane	0.90	U	0.90	0.23
156-60-5	trans-1,2-Dichloroethene	0.90	U	0.90	0.25
156-59-2	cis-1,2-Dichloroethene	1.9		0.90	0.21
67-66-3	Chloroform	0.90	U	0.90	0.21
78-93-3	2-Butanone	9.0	U	9.0	0.51
107-06-2	1,2-Dichloroethane	0.90	U	0.90	0.35
71-55-6	1,1,1-Trichloroethane	0.90	U	0.90	0.17
56-23-5	Carbon tetrachloride	0.90	U	0.90	0.090
71-43-2	Benzene	0.90	U	0.90	0.66
75-25-2	Bromoform	0.90	U	0.90	0.63
100-42-5	Styrene	0.90	U	0.90	0.31
100-41-4	Ethylbenzene	0.90	U	0.90	0.17
108-90-7	Chlorobenzene	0.68	J	0.90	0.43
110-82-7	Cyclohexane	0.90	U	0.90	0.20
98-82-8	Isopropylbenzene	0.90	U	0.90	0.23
591-78-6	2-Hexanone	9.0	U	9.0	1.5
1634-04-4	MTBE	0.90	U	0.90	0.31
76-13-1	Freon TF	0.90	U	0.90	0.43
79-20-9	Methyl acetate	0.90	U	0.90	0.80
123-91-1	1,4-Dioxane	45	U	45	3.7
79-01-6	Trichloroethene	0.70	J	0.90	0.33
108-88-3	Toluene	0.90	U	0.90	0.27
10061-02-6	trans-1,3-Dichloropropene	0.90	U	0.90	0.20
108-10-1	4-Methyl-2-pentanone	9.0	U	9.0	0.64
10061-01-5	cis-1,3-Dichloropropene	0.90	U	0.90	0.18
95-50-1	1,2-Dichlorobenzene	0.90	U	0.90	0.57
541-73-1	1,3-Dichlorobenzene	0.90	U	0.90	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-1

Matrix: Solid | Lab File ID: o46714.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:35

Sample wt/vol: 5.91(g) | Date Analyzed: 03/29/2011 01:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.5 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.90	U	0.90	0.64
120-82-1	1,2,4-Trichlorobenzene	1.7		0.90	0.48
87-61-6	1,2,3-Trichlorobenzene	0.90	U	0.90	0.58
78-87-5	1,2-Dichloropropane	0.90	U	0.90	0.28
108-87-2	Methylcyclohexane	0.90	U	0.90	0.24
127-18-4	Tetrachloroethene	0.90	U	0.90	0.30
1330-20-7	Xylenes, Total	2.7	U	2.7	0.70
96-12-8	1,2-Dibromo-3-Chloropropane	0.90	U	0.90	0.55
79-34-5	1,1,2,2-Tetrachloroethane	0.90	U	0.90	0.68
79-00-5	1,1,2-Trichloroethane	0.90	U	0.90	0.53
124-48-1	Dibromochloromethane	0.90	U	0.90	0.50
106-93-4	1,2-Dibromoethane	0.90	U	0.90	0.46
75-71-8	Dichlorodifluoromethane	0.90	U	0.90	0.36
74-97-5	Bromochloromethane	0.90	U	0.90	0.24
75-27-4	Bromodichloromethane	0.90	U	0.90	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-138
2037-26-5	Toluene-d8 (Surr)	89		66-126
460-00-4	Bromofluorobenzene	94		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) Lab Sample ID: 460-24279-1

Matrix: Solid Lab File ID: o46714.d

Analysis Method: 8260B Date Collected: 03/17/2011 12:35

Sample wt/vol: 5.91(g) Date Analyzed: 03/29/2011 01:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.5 Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46714.d
Report Date: 30-Mar-2011 12:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46714.d
Lab Smp Id: 460-24279-D-1-A Client Smp ID: PMP-6-VD-E (3.5-4.0
Inj Date : 29-MAR-2011 01:18
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24279-D-1-A;;;5.91;5
Misc Info : 460-24279-D-1-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.91000	Weight of sample extracted (g)
M	5.52846	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				12723	2.16201	1.9
	7 Acetone	43	1.807	1.813	(0.447)	17013	22.3555	20
	13 cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	12723	2.16201	1.9
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	152763	46.7606	42
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	888492	50.0000	
	25 Trichloroethene	95	4.410	4.410	(1.092)	4375	0.77890	0.70(a)
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	685206	44.4103	40
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	669910	50.0000	
	39 Chlorobenzene	112	7.793	7.800	(1.005)	12489	0.75790	0.68(a)
	44 o-Xylene	106	8.787	8.787	(1.133)	7535	0.69961	0.63(a)
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	269713	47.0508	42
	102 1,3,5-Trimethylbenzene	105	10.390	10.390	(0.906)	20580	0.78052	0.70(a)
	100 1,2,4-Trimethylbenzene	105	10.994	11.000	(0.959)	28014	1.04208	0.93
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.476	(1.000)	385024	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46714.d
Report Date: 30-Mar-2011 12:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	21532	1.87686	1.7

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46714.d
Report Date: 30-Mar-2011 12:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46714.d
Lab Smp Id: 460-24279-D-1-A Client Smp ID: PMP-6-VD-E (3.5-4.0
Inj Date : 29-MAR-2011 01:18
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24279-D-1-A;;;5.91;5
Misc Info : 460-24279-D-1-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

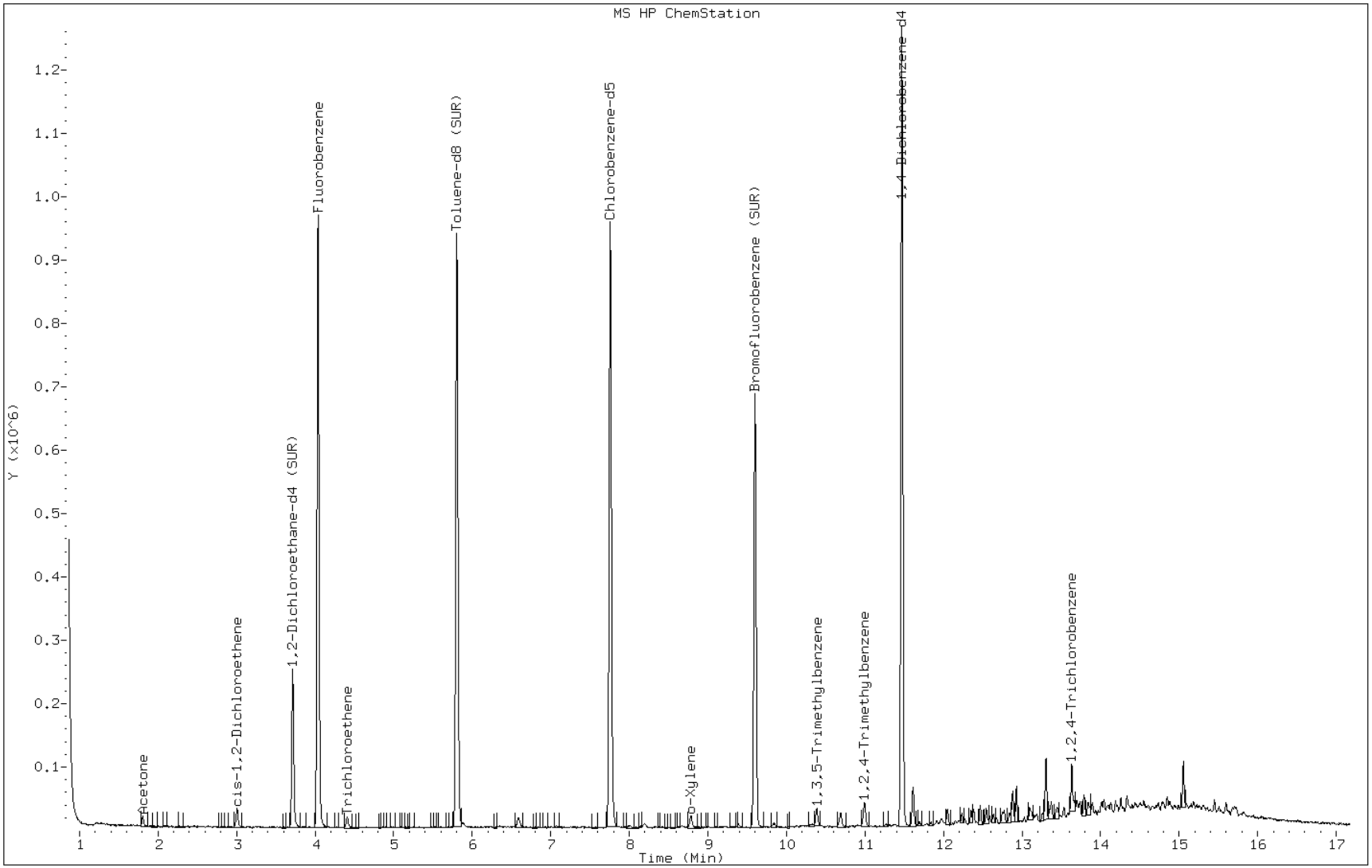
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46714.d

Date: 29-MAR-2011 01:18

Client ID: PMP-6-VD-E (3.5-4.0 Instrument: VOAMS12.i

Sample Info: 460-24279-D-1-A;;;5.91;5 Operator: VOAMS 9



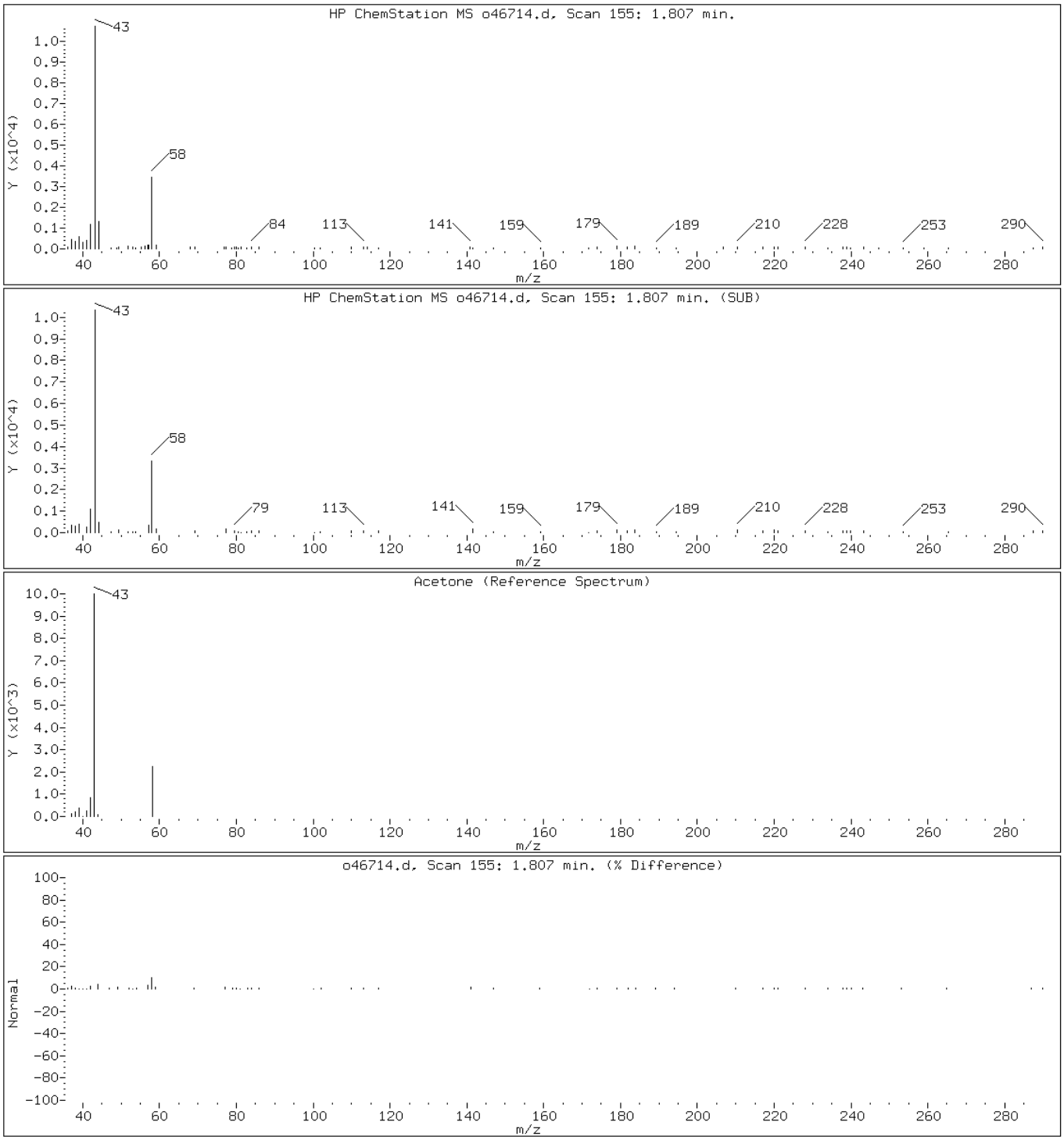
Data File: o46714.d

Date: 29-MAR-2011 01:18

Client ID: PMP-6-VD-E (3.5-4.0 Instrument: VOAMS12.i

Sample Info: 460-24279-D-1-A;;;5.91;5 Operator: VOAMS 9

7 Acetone



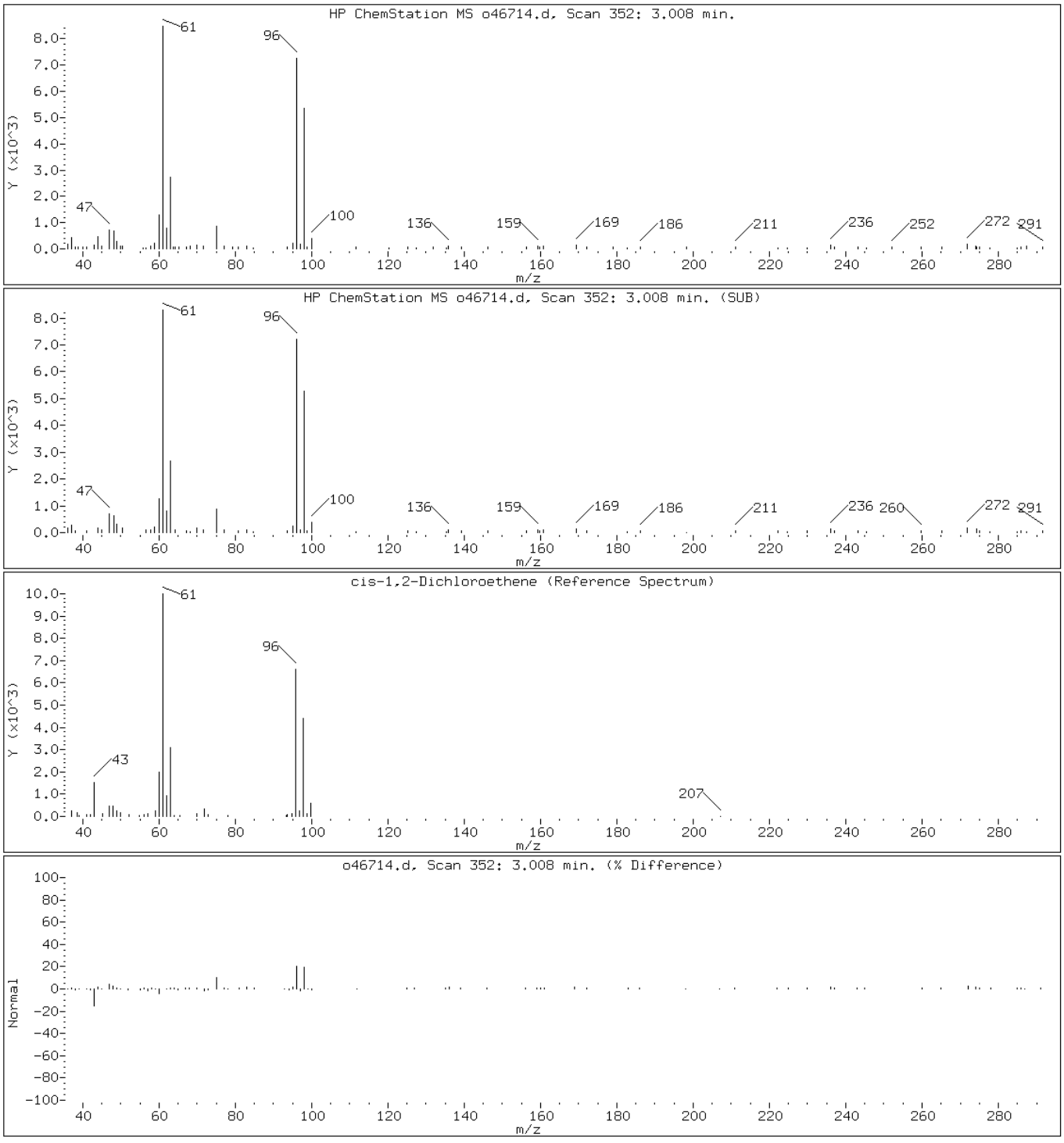
Data File: o46714.d

Date: 29-MAR-2011 01:18

Client ID: PMP-6-VD-E (3.5-4.0 Instrument: VOAMS12.i

Sample Info: 460-24279-D-1-A;;;5.91;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



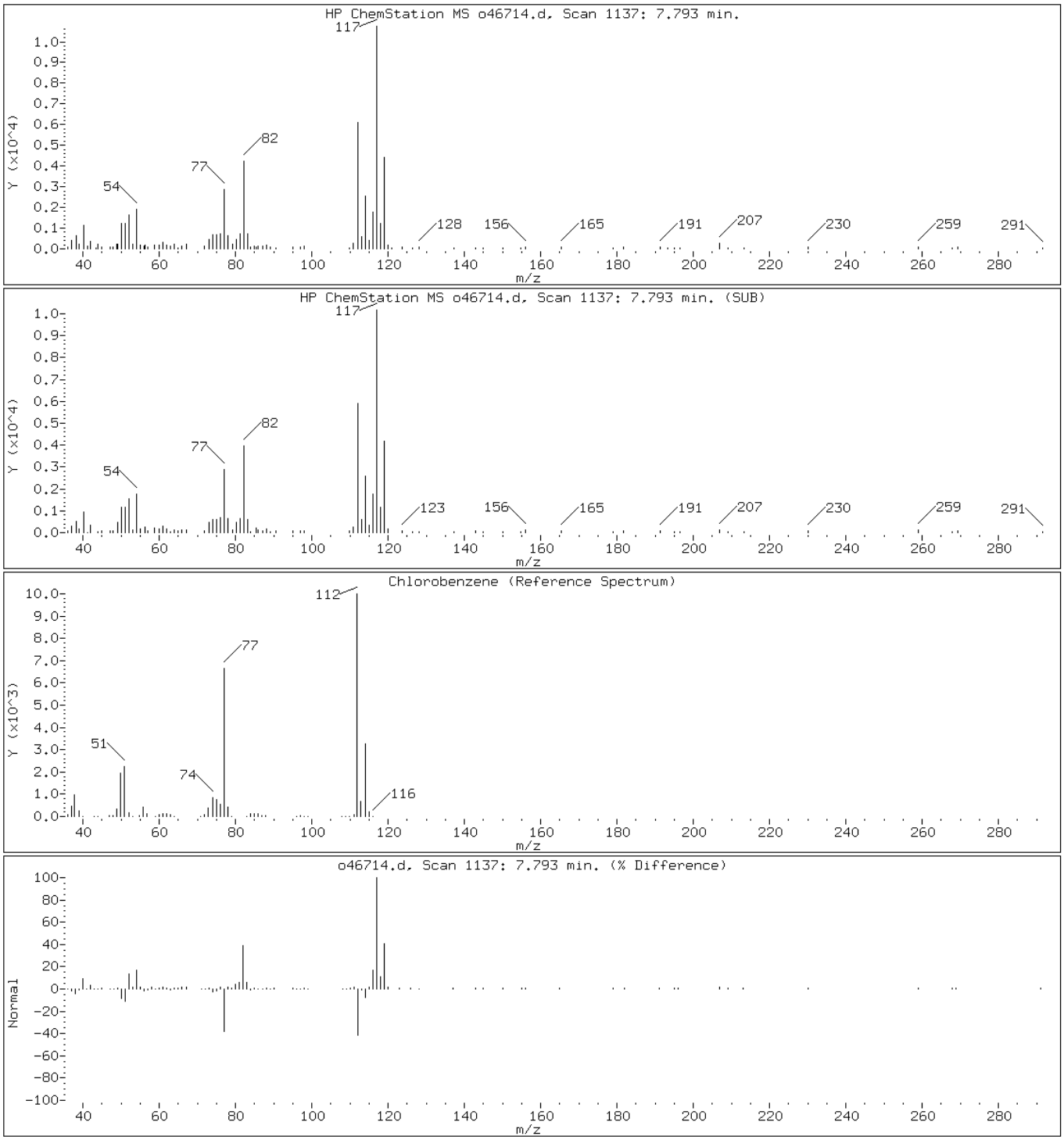
Data File: o46714.d

Date: 29-MAR-2011 01:18

Client ID: PMP-6-VD-E (3.5-4.0 Instrument: VOAMS12.i

Sample Info: 460-24279-D-1-A;;;5.91;5 Operator: VOAMS 9

39 Chlorobenzene



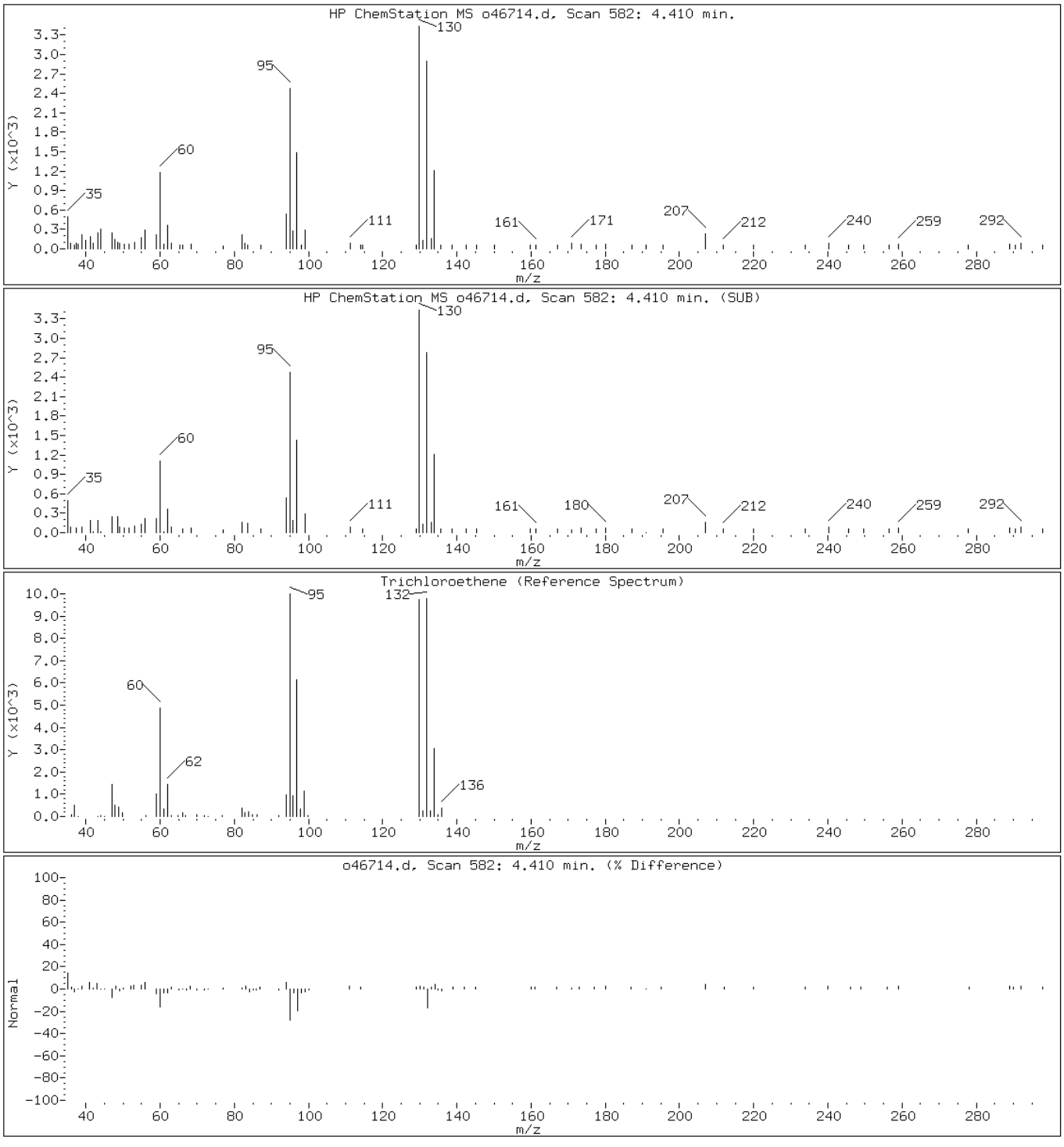
Data File: o46714.d

Date: 29-MAR-2011 01:18

Client ID: PMP-6-VD-E (3.5-4.0 Instrument: VOAMS12.i

Sample Info: 460-24279-D-1-A;;;5.91;5 Operator: VOAMS 9

25 Trichloroethene



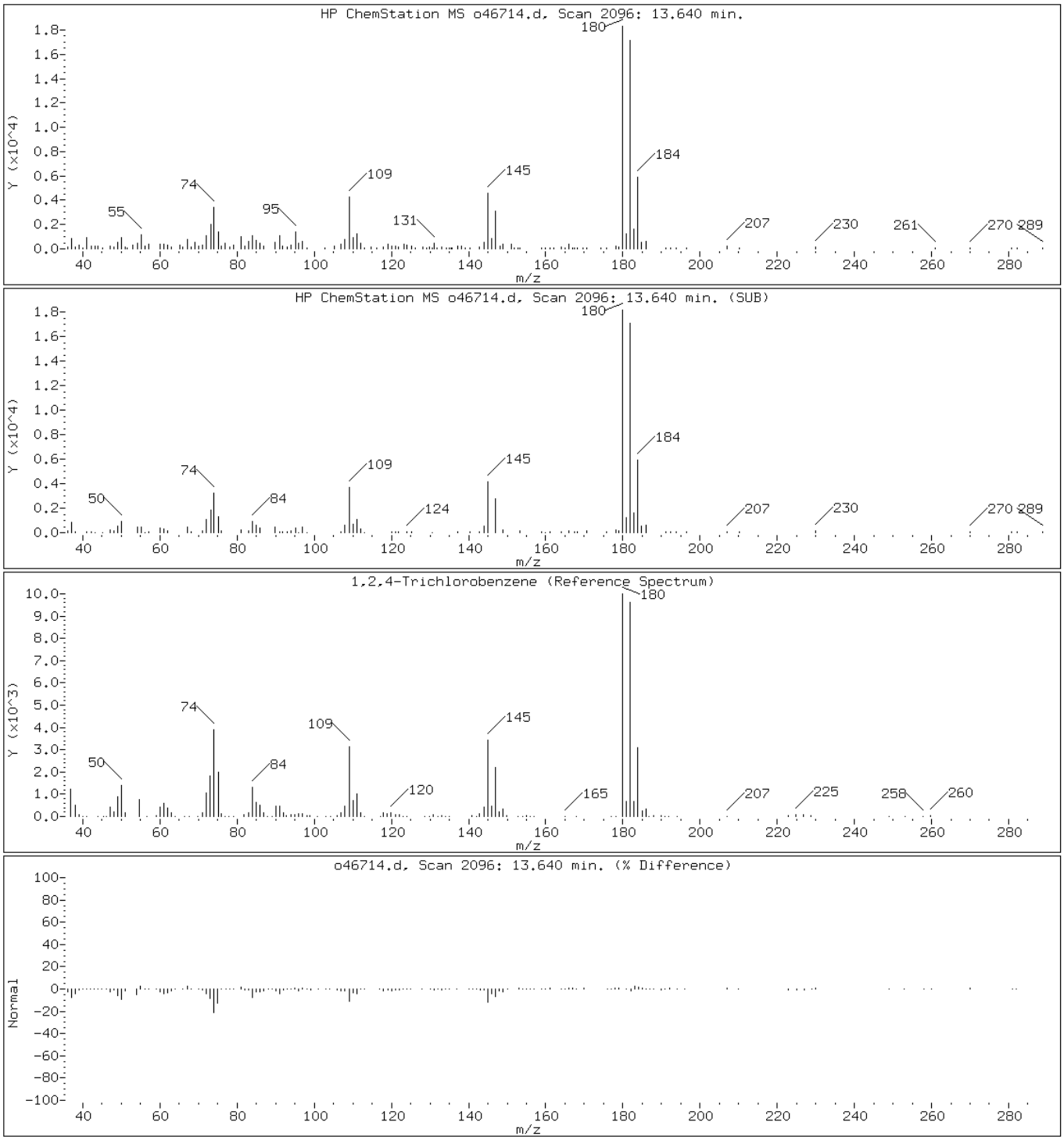
Data File: o46714.d

Date: 29-MAR-2011 01:18

Client ID: PMP-6-VD-E (3.5-4.0 Instrument: VOAMS12.i

Sample Info: 460-24279-D-1-A;;;5.91;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) | Lab Sample ID: 460-24279-2

Matrix: Solid | Lab File ID: j98787.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) | Date Analyzed: 03/31/2011 14:25

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	51	U	51	11
74-83-9	Bromomethane	51	U	51	16
75-01-4	Vinyl chloride	51	U	51	6.1
75-00-3	Chloroethane	51	U	51	23
75-09-2	Methylene Chloride	51	U	51	9.7
67-64-1	Acetone	510	U	510	130
75-15-0	Carbon disulfide	51	U	51	7.4
75-69-4	Trichlorofluoromethane	51	U	51	7.9
75-35-4	1,1-Dichloroethene	51	U	51	7.1
75-34-3	1,1-Dichloroethane	51	U	51	5.1
156-60-5	trans-1,2-Dichloroethene	51	U	51	7.0
156-59-2	cis-1,2-Dichloroethene	32	J	51	9.8
67-66-3	Chloroform	51	U	51	7.8
78-93-3	2-Butanone	510	U	510	41
107-06-2	1,2-Dichloroethane	51	U	51	12
71-55-6	1,1,1-Trichloroethane	51	U	51	13
56-23-5	Carbon tetrachloride	51	U	51	9.1
71-43-2	Benzene	51	U	51	6.0
75-25-2	Bromoform	51	U	51	5.0
100-42-5	Styrene	51	U	51	7.0
100-41-4	Ethylbenzene	310		51	12
108-90-7	Chlorobenzene	51	U	51	8.3
110-82-7	Cyclohexane	51	U	51	6.3
98-82-8	Isopropylbenzene	430		51	11
591-78-6	2-Hexanone	510	U	510	28
1634-04-4	MTBE	51	U	51	9.4
76-13-1	Freon TF	51	U	51	15
79-20-9	Methyl acetate	100	U	100	17
123-91-1	1,4-Dioxane	2500	U	2500	430
79-01-6	Trichloroethene	51	U	51	9.0
108-88-3	Toluene	12	J	51	4.8
10061-02-6	trans-1,3-Dichloropropene	51	U	51	6.2
108-10-1	4-Methyl-2-pentanone	510	U	510	34
10061-01-5	cis-1,3-Dichloropropene	51	U	51	5.2
95-50-1	1,2-Dichlorobenzene	51	U	51	8.2
541-73-1	1,3-Dichlorobenzene	51	U	51	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) | Lab Sample ID: 460-24279-2

Matrix: Solid | Lab File ID: j98787.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) | Date Analyzed: 03/31/2011 14:25

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	51	U	51	7.6
120-82-1	1,2,4-Trichlorobenzene	960		51	22
87-61-6	1,2,3-Trichlorobenzene	51	U	51	42
78-87-5	1,2-Dichloropropane	51	U	51	4.4
108-87-2	Methylcyclohexane	180		51	4.0
127-18-4	Tetrachloroethene	51	U	51	9.9
1330-20-7	Xylenes, Total	900		150	22
96-12-8	1,2-Dibromo-3-Chloropropane	51	U	51	7.8
79-34-5	1,1,2,2-Tetrachloroethane	51	U	51	4.4
79-00-5	1,1,2-Trichloroethane	51	U	51	4.9
124-48-1	Dibromochloromethane	51	U	51	5.1
106-93-4	1,2-Dibromoethane	51	U	51	4.6
75-71-8	Dichlorodifluoromethane	51	U	51	14
74-97-5	Bromochloromethane	51	U	51	8.7
75-27-4	Bromodichloromethane	51	U	51	4.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		57-135
2037-26-5	Toluene-d8 (Surr)	78		46-130
460-00-4	Bromofluorobenzene	106		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) Lab Sample ID: 460-24279-2

Matrix: Solid Lab File ID: j98787.d

Analysis Method: 8260B Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) Date Analyzed: 03/31/2011 14:25

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 Level: (low/med) Medium

Analysis Batch No.: 69045 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 161300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	12.90	24000	J
95-63-6	1,2,4-Trimethylbenzene	13.37	11000	
	C10H14 Aromatic	13.62	18000	J
	Unknown Alkane-1	14.15	13000	J
	Decahydronaphthalene isomer	14.23	13000	J
	Diethylmethylbenzene isomer	14.75	23000	J
	Decahydromethylnaphthalene isomer	14.99	11000	J
	Decahydromethylnaphthalene isomer-1	15.28	13000	J
	Ethyldimethylbenzene isomer-2	15.76	26000	J
	Unknown Aromatic-1	16.50	9300	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98787.d
Report Date: 31-Mar-2011 15:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98787.d
Lab Smp Id: 460-24279-D-2-A Client Smp ID: PMP-6-WT-E (8.0-8.5
Inj Date : 31-MAR-2011 14:25
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24279-D-2-A;50;;5.6;5
Misc Info : 460-24279-D-2-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 11
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.60000	Weight of sample extracted (g)
M	11.67147	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	36 cis-1,2-Dichloroethene	96	6.442	6.408	(0.814)	7145	0.63420	32(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.497	7.470	(0.948)	377896	43.6191	2200
*	52 Fluorobenzene	96	7.909	7.874	(1.000)	1366479	50.0000	
	56 Methyl cyclohexane	83	8.594	8.564	(1.087)	35393	3.62516	180
$	65 Toluene-d8 (SUR)	98	9.772	9.748	(0.860)	911228	38.7784	2000
	66 Toluene	91	9.843	9.821	(0.866)	7160	0.22979	12(a)
*	78 Chlorobenzene-d5	117	11.365	11.348	(1.000)	1004972	50.0000	
	81 Ethylbenzene	106	11.483	11.467	(1.010)	58227	6.10003	310
	82 m+p-Xylene	106	11.606	11.583	(1.021)	66909	5.08599	260
	84 o-Xylene	106	12.010	11.999	(1.057)	165764	12.6664	640
	88 Isopropylbenzene	105	12.380	12.356	(1.089)	251937	8.56570	430
$	89 Bromofluorobenzene (SUR)	174	12.563	12.549	(0.910)	512555	53.0088	2700
	95 n-Propylbenzene	91	12.792	12.780	(0.927)	430382	14.4831	730
	97 1,3,5-Trimethylbenzene	105	12.958	12.944	(0.939)	2159248	106.098	5400

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98787.d
Report Date: 31-Mar-2011 15:51

						CONCENTRATIONS	
	QUANT SIG					ON-COLUMN	FINAL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
==========	====	==	======	======	========	=======	=======
101 1,2,4-Trimethylbenzene	105	13.369	13.353	(0.969)	4844029	215.559	11000
107 p-Isopropyltoluene	119	13.692	13.683	(0.992)	1250422	53.0517	2700
* 108 1,4-Dichlorobenzene-d4	152	13.799	13.784	(1.000)	509573	50.0000	
114 1,2,4-Trichlorobenzene	180	16.432	16.409	(1.191)	183850	19.0334	960
M 120 1,2-Dichloroethene (Total)	100				7145	0.67464	34(a)
M 121 Xylene (Total)	100				232673	17.7524	900

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98787.d
Report Date: 31-Mar-2011 15:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98787.d
Lab Smp Id: 460-24279-D-2-A Client Smp ID: PMP-6-WT-E (8.0-8.5
Inj Date : 31-MAR-2011 14:25
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24279-D-2-A;50;;5.6;5
Misc Info : 460-24279-D-2-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 11
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.60000	Weight of sample extracted (g)
M	11.67147	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.365	3467098	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane					CAS #:		
10.816	4633410	66.8197050	3400	0		0	78
Unknown Alkene					CAS #:		
11.937	4280774	61.7342406	3100	0		0	78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98787.d
Report Date: 31-Mar-2011 15:51

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane					CAS #:		
12.216	12436436	179.349331	9100	0		0	78
Unknown Alkane					CAS #:		
12.902	33485397	482.902303	24000	0		0	78(L)
Ethylmethylbenzene isomer					CAS #:		
13.199	10691445	154.184321	7800	0		0	78
C10H14 Aromatic					CAS #:		
13.618	24124648	347.908316	18000	0		0	78(L)
Methylpropylbenzene isomer					CAS #:		
14.054	5222125	75.3097264	3800	0		0	78
Unknown Alkane-1					CAS #:		
14.155	18311312	264.072558	13000	0		0	78
Decahydronaphthalene isomer					CAS #:		
14.227	18457002	266.173606	13000	0		0	78
Methylpropylbenzene isomer-1					CAS #:		
14.370	6140840	88.5587712	4500	0		0	78
Ethyldimethylbenzene isomer					CAS #:		
14.486	8730168	125.900195	6400	0		0	78
Ethyldimethylbenzene isomer-1					CAS #:		
14.577	12558121	181.104189	9200	0		0	78
Diethylmethylbenzene isomer					CAS #:		
14.750	31931747	460.496671	23000	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
14.992	14410561	207.818735	10000	0		0	78
Decahydromethylnaphthalene isomer-1					CAS #:		
15.276	17605289	253.890803	13000	0		0	78
Tetrahydromethylnaphthalene isomer					CAS #:		
15.461	5110512	73.7001334	3700	0		0	78
Unknown Aromatic					CAS #:		
15.615	3784546	54.5780046	2800	0		0	78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98787.d
Report Date: 31-Mar-2011 15:51

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
15.763	35720879	515.140813	26000	0	0	78	

Ethyldimethylbenzene isomer-2 CAS #:

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
16.496	12796959	184.548541	9300	0	0	78(L)	

Unknown Aromatic-1 CAS #:

QC Flag Legend

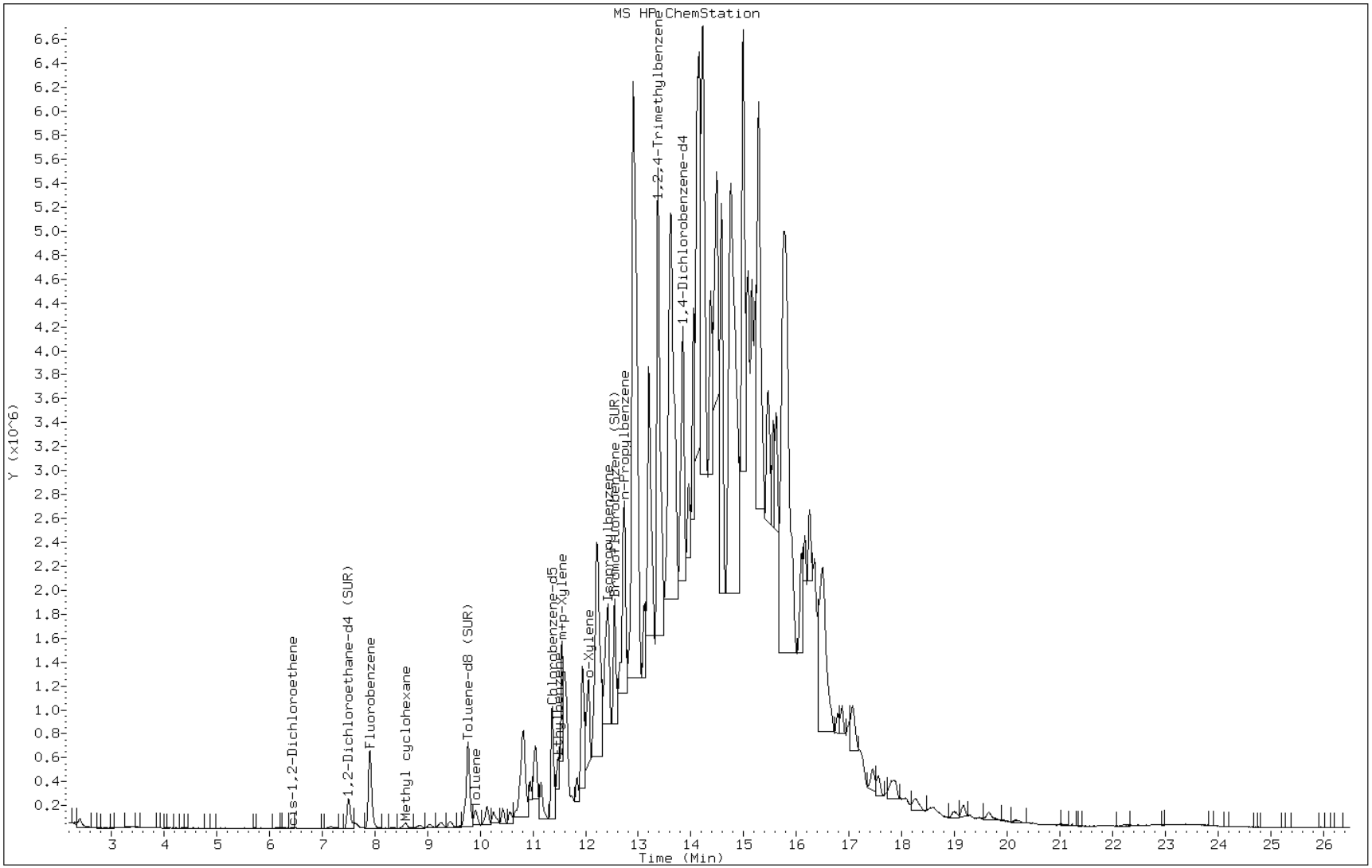
L - Operator selected an alternate library search match.

Data File: j98787.d

Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:



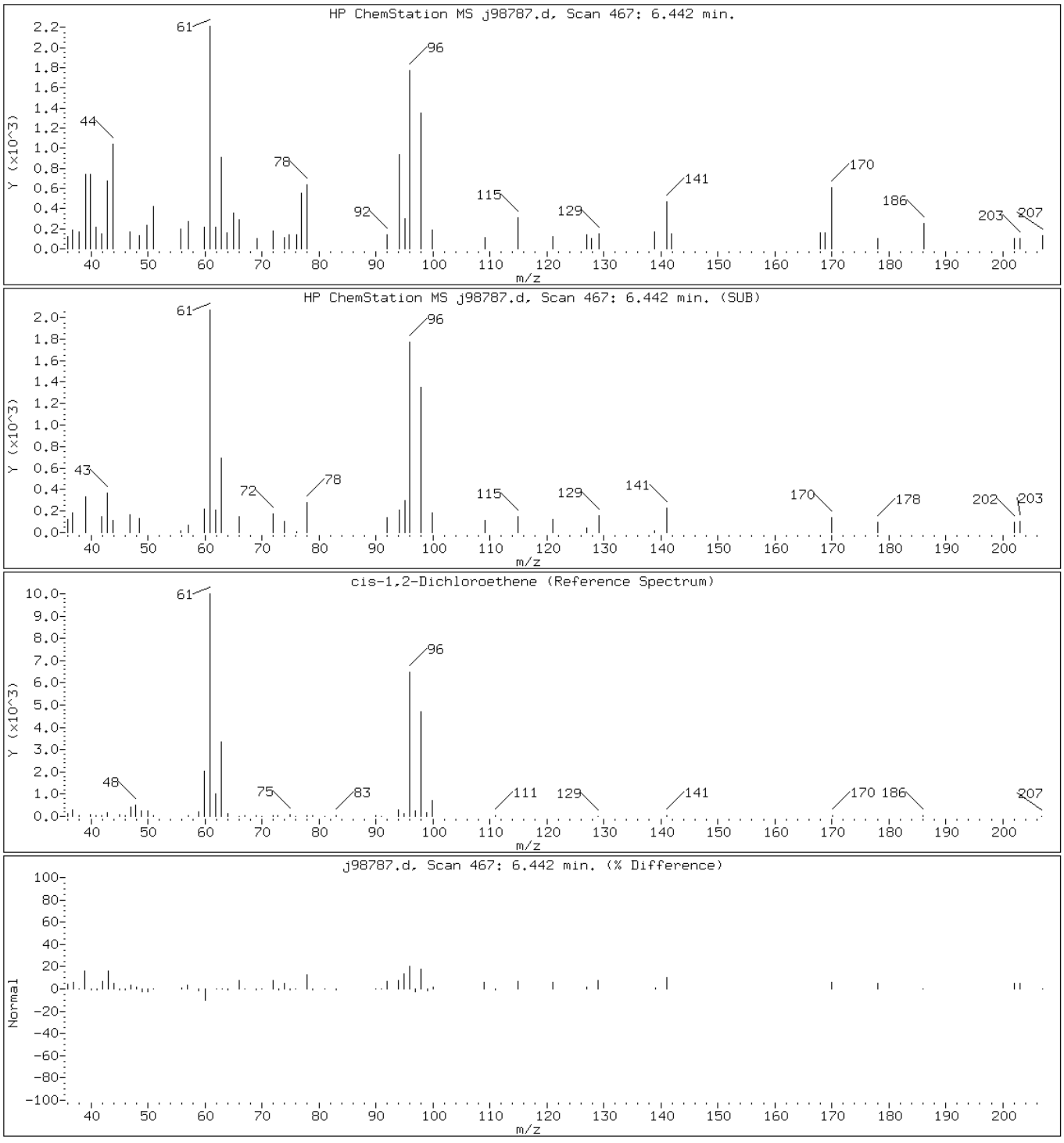
Data File: j98787.d

Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

36 cis-1,2-Dichloroethene



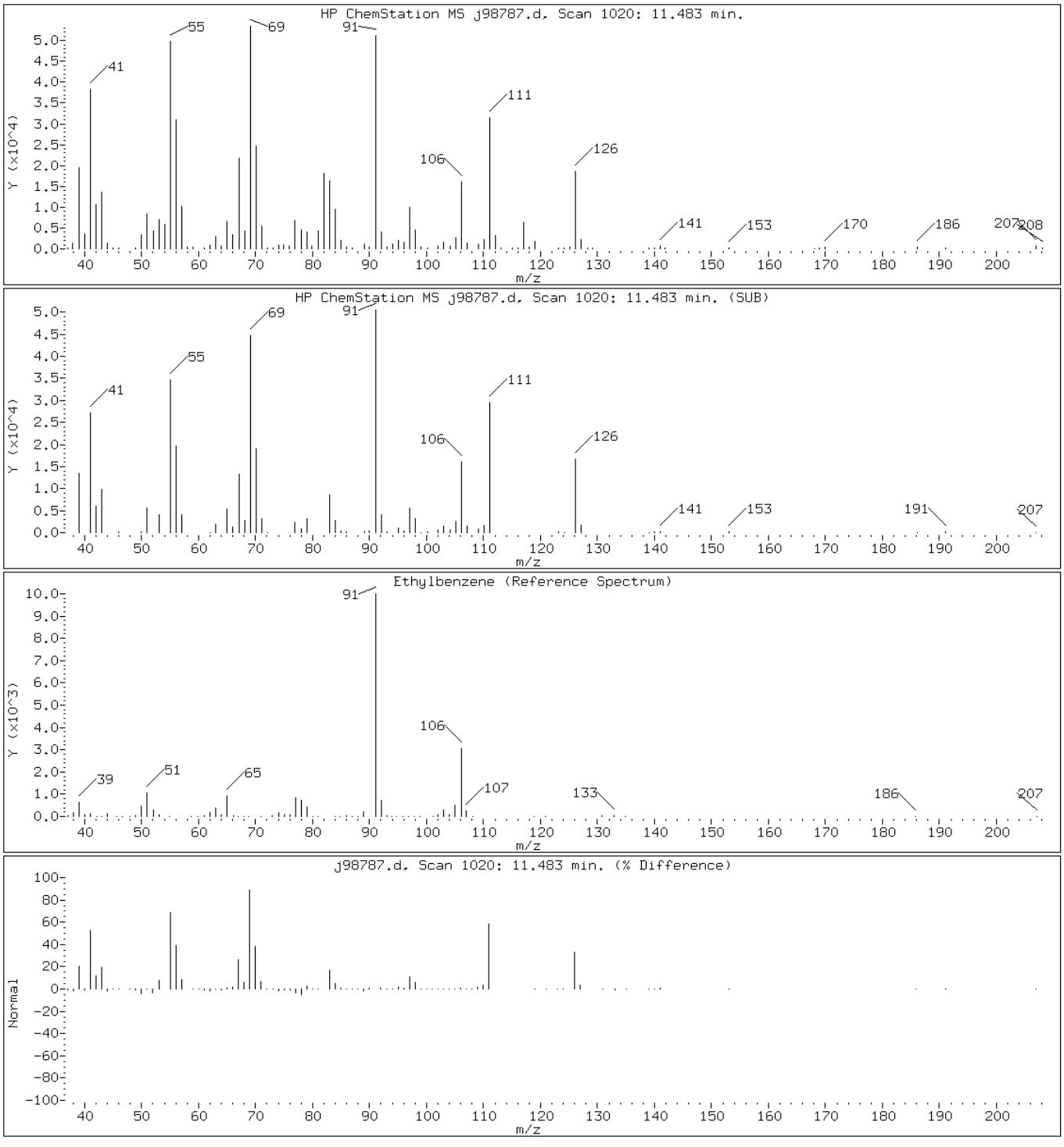
Data File: j98787.d

Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

81 Ethylbenzene



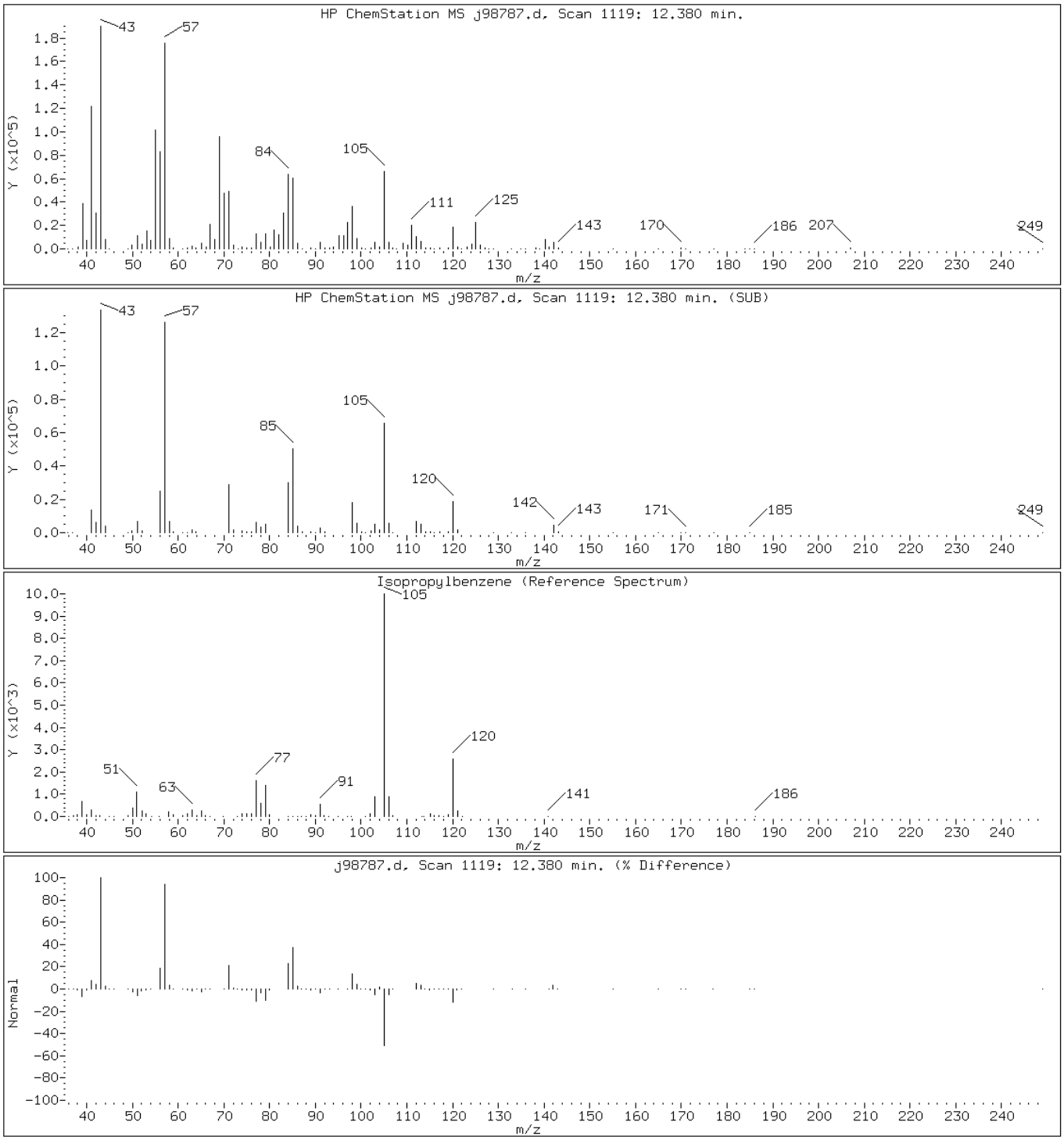
Data File: j98787.d

Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

88 Isopropylbenzene



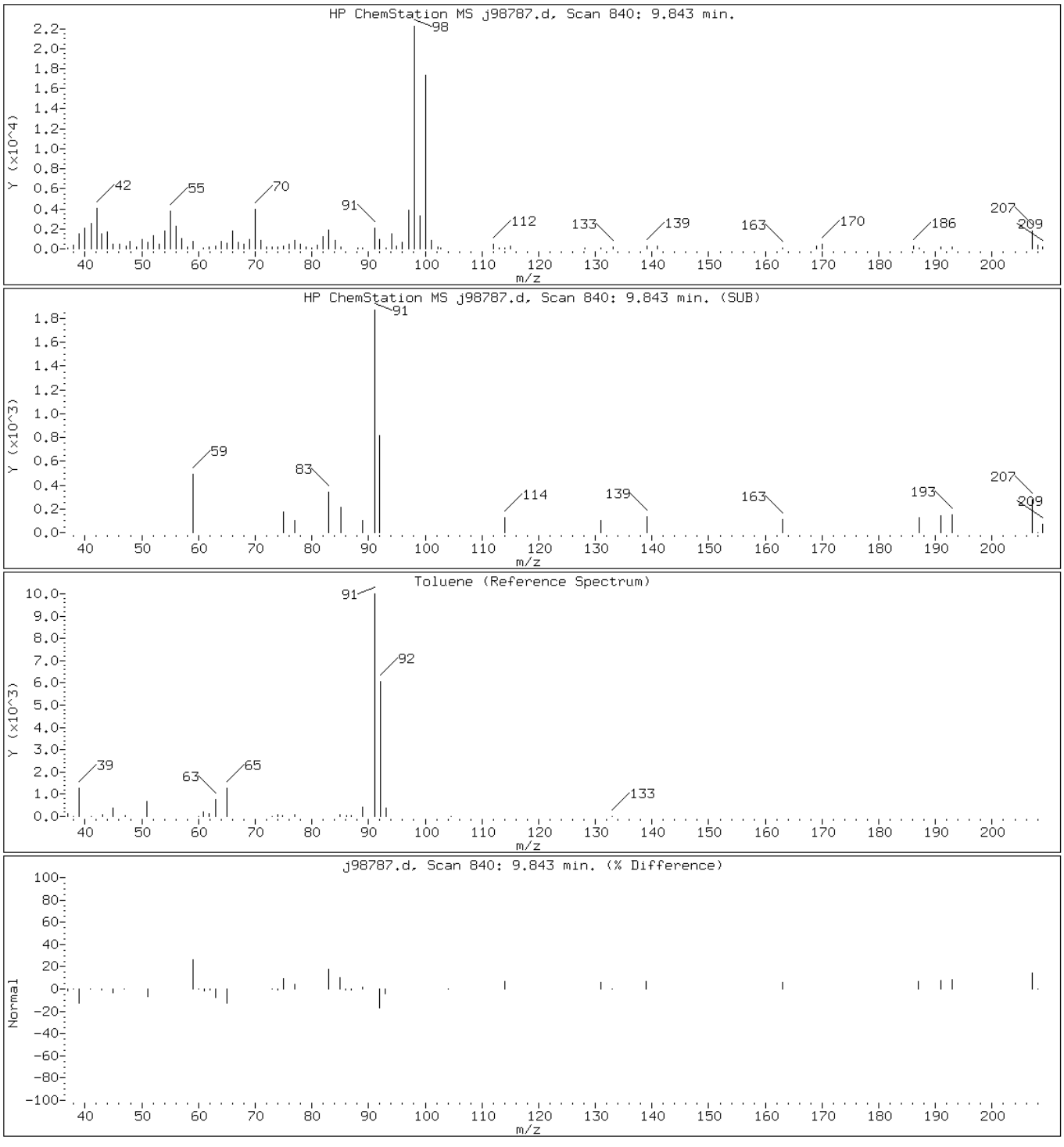
Data File: j98787.d

Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

66 Toluene



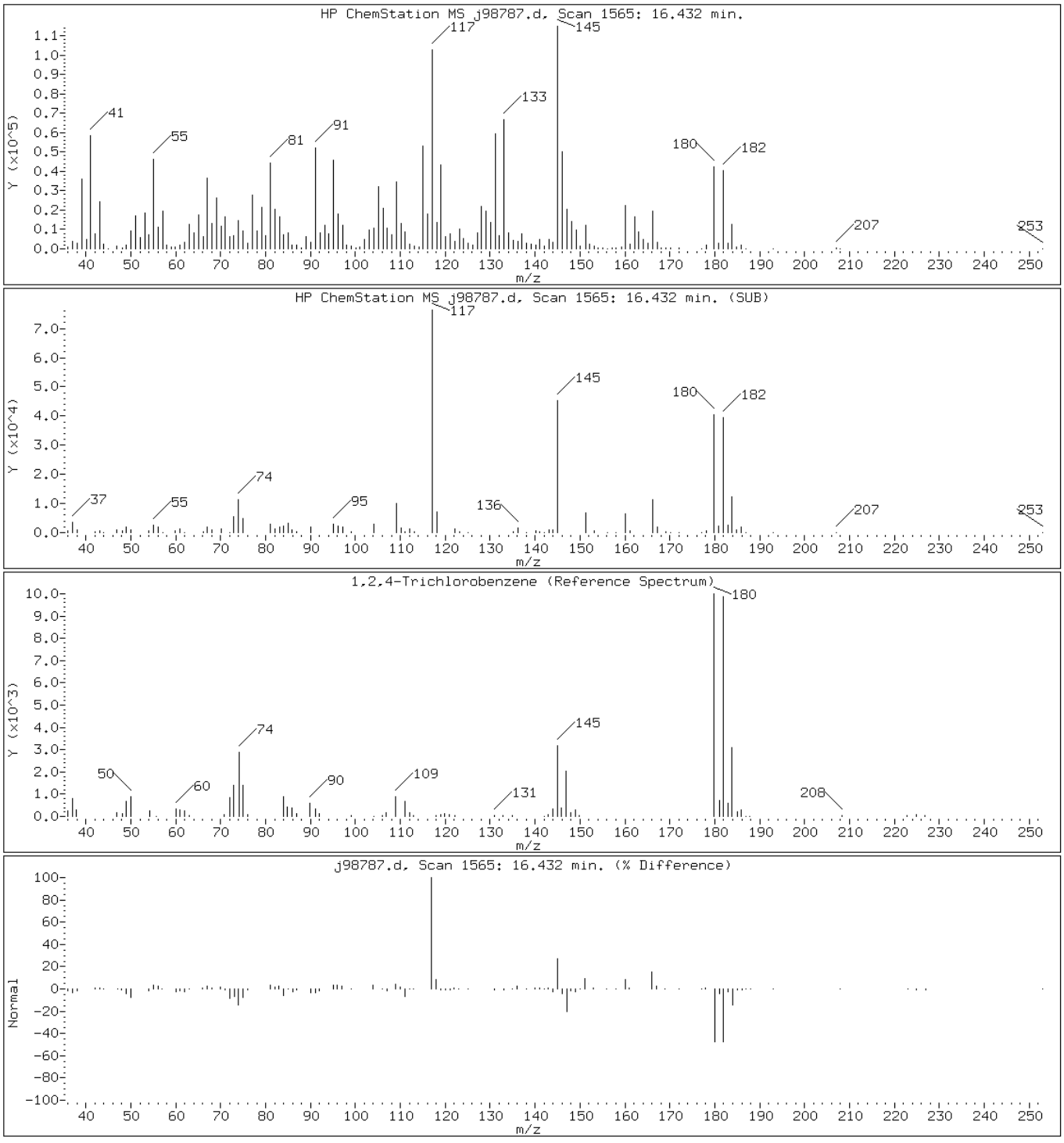
Data File: j98787.d

Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

114 1,2,4-Trichlorobenzene



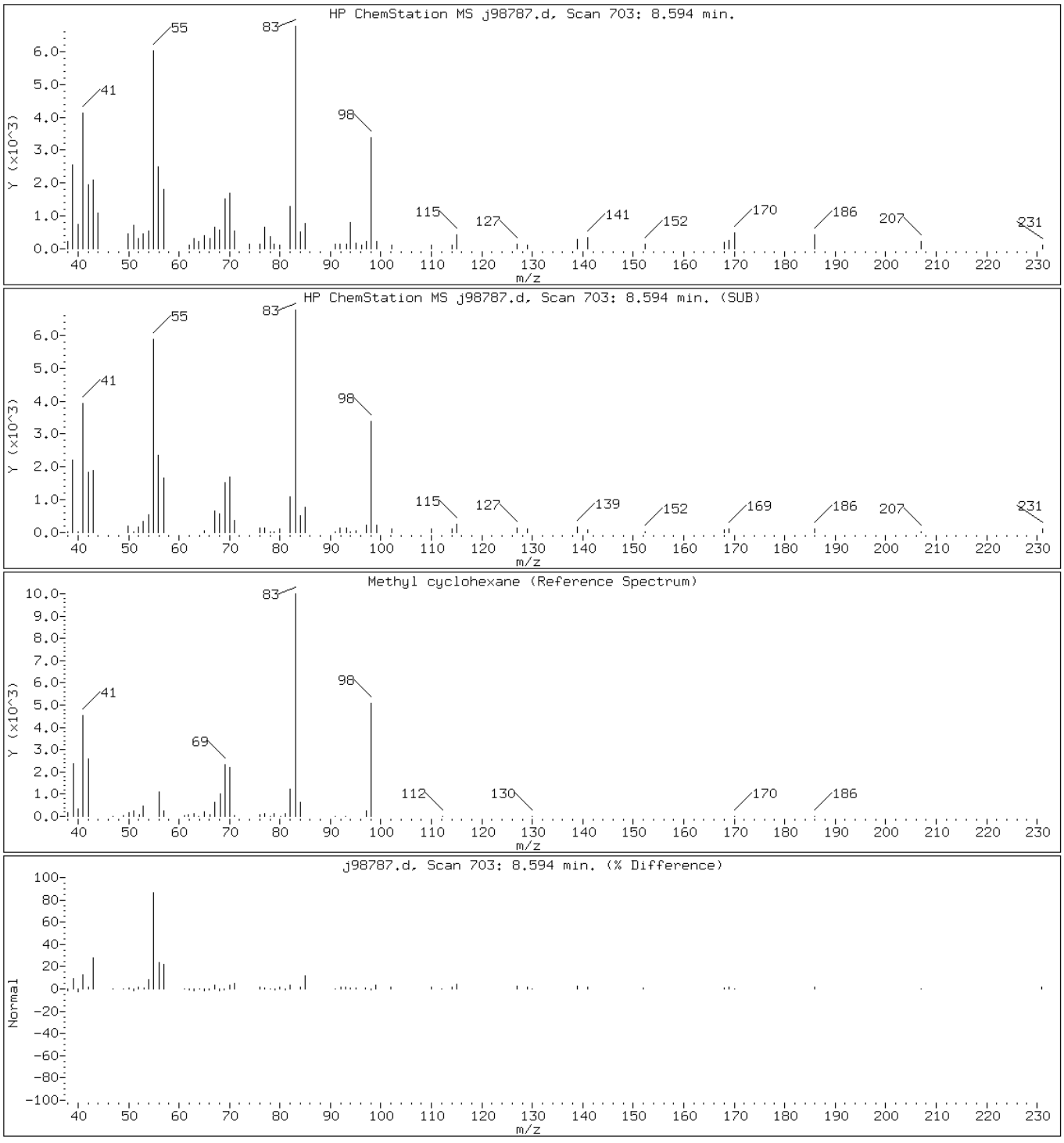
Data File: j98787.d

Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

56 Methyl cyclohexane



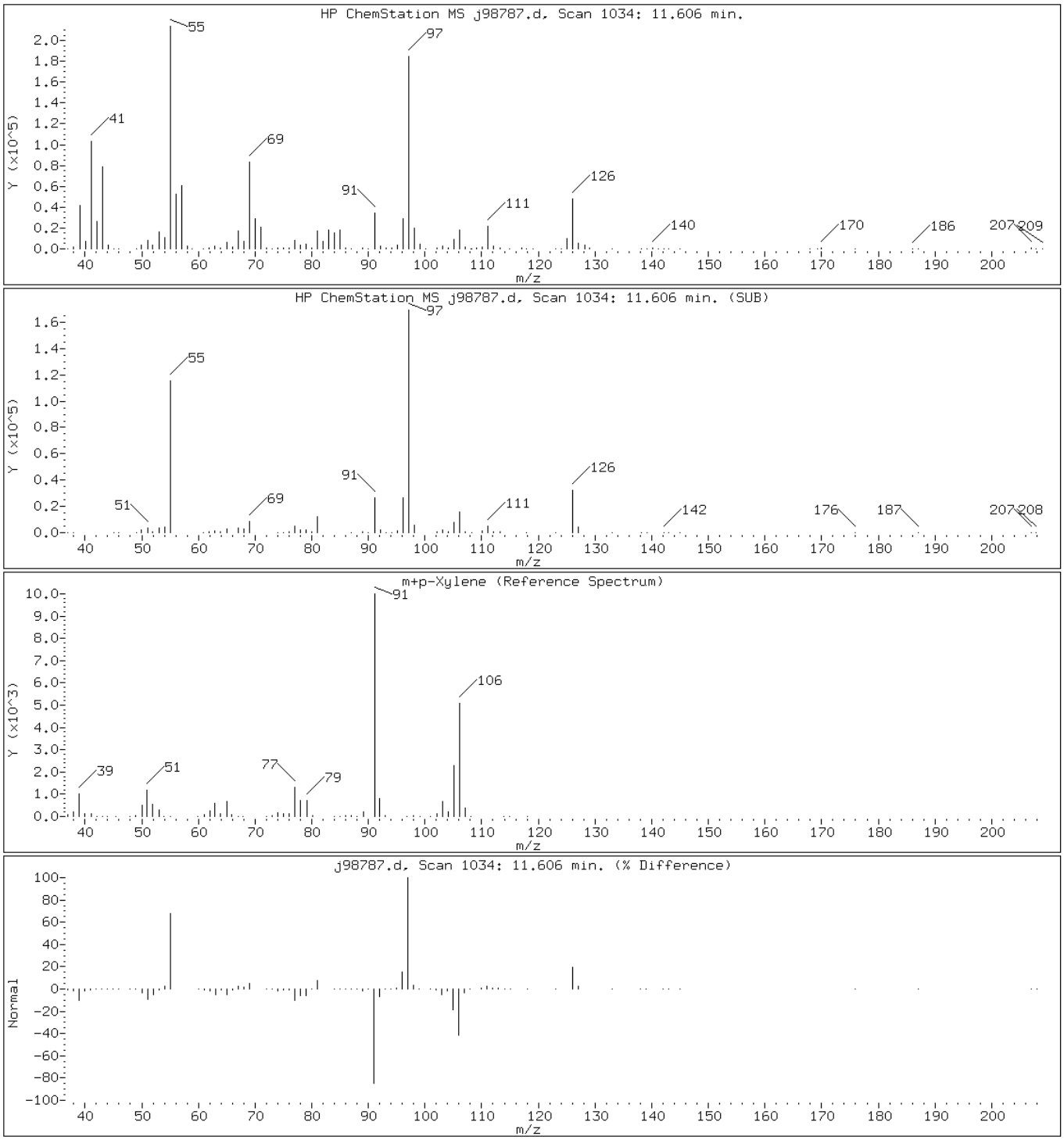
Data File: j98787.d

Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

82 m+p-Xylene



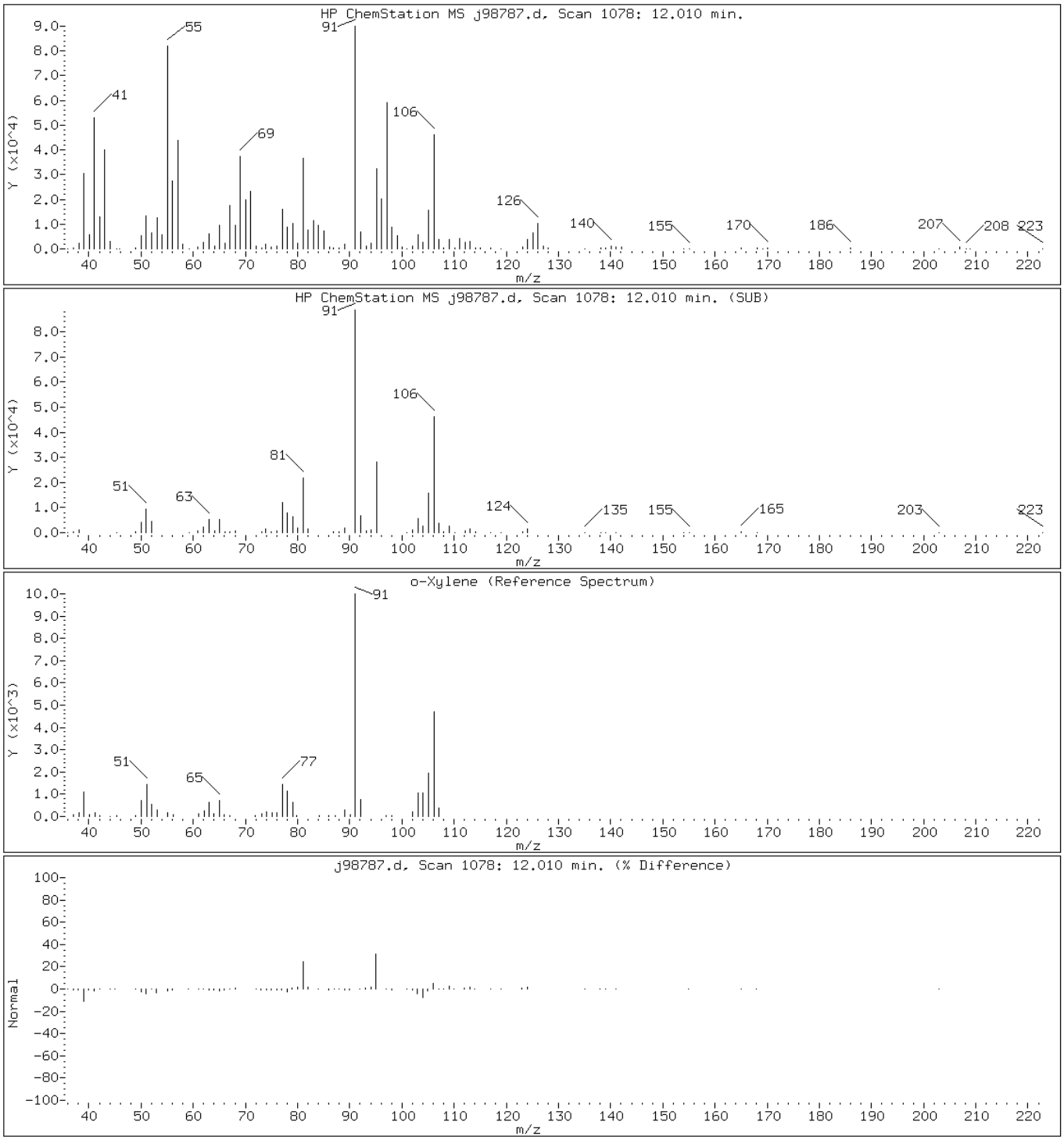
Data File: j98787.d

Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

84 o-Xylene



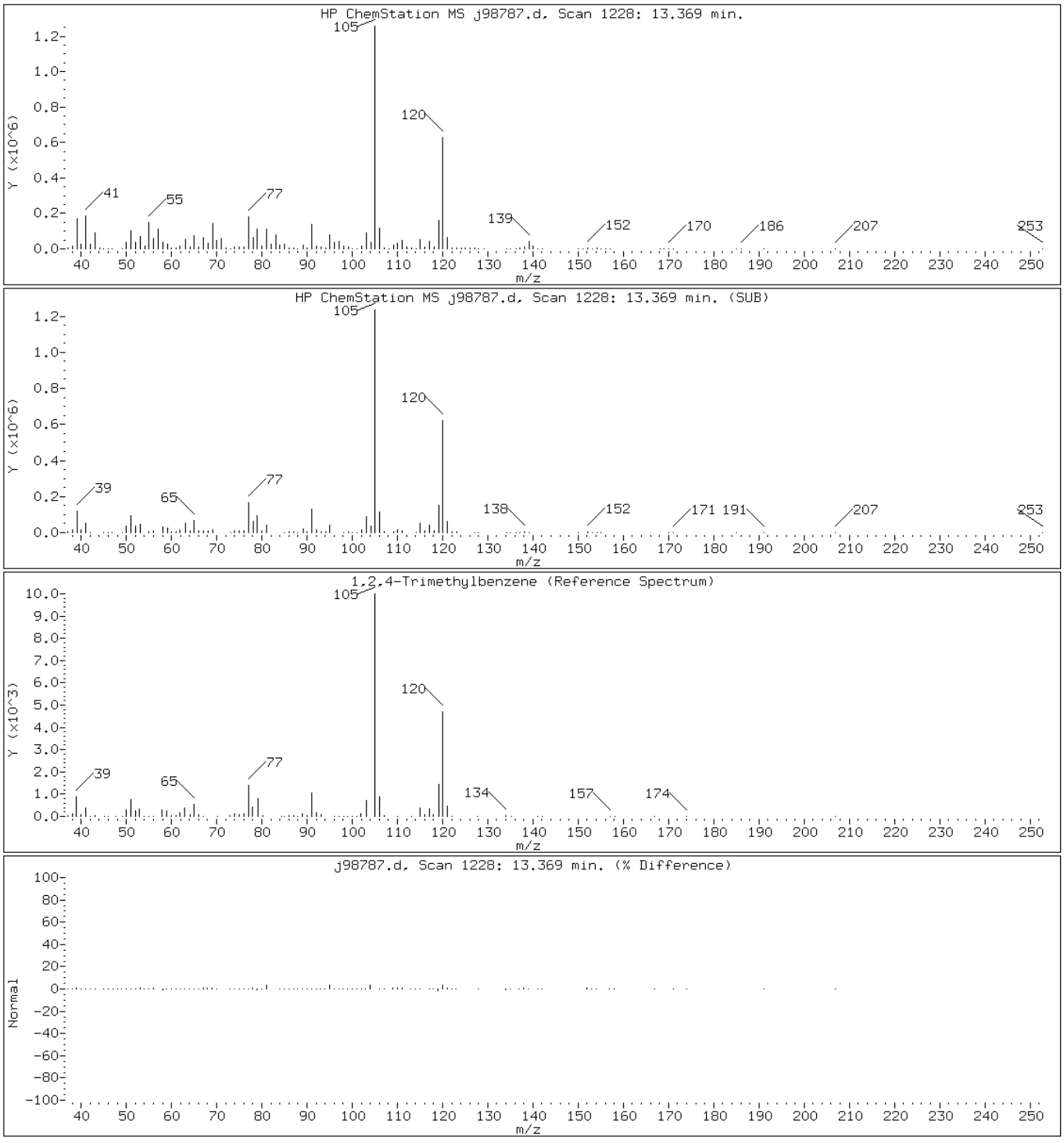
Data File: j98787.d

Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

101 1,2,4-Trimethylbenzene



Data File: j98787.d

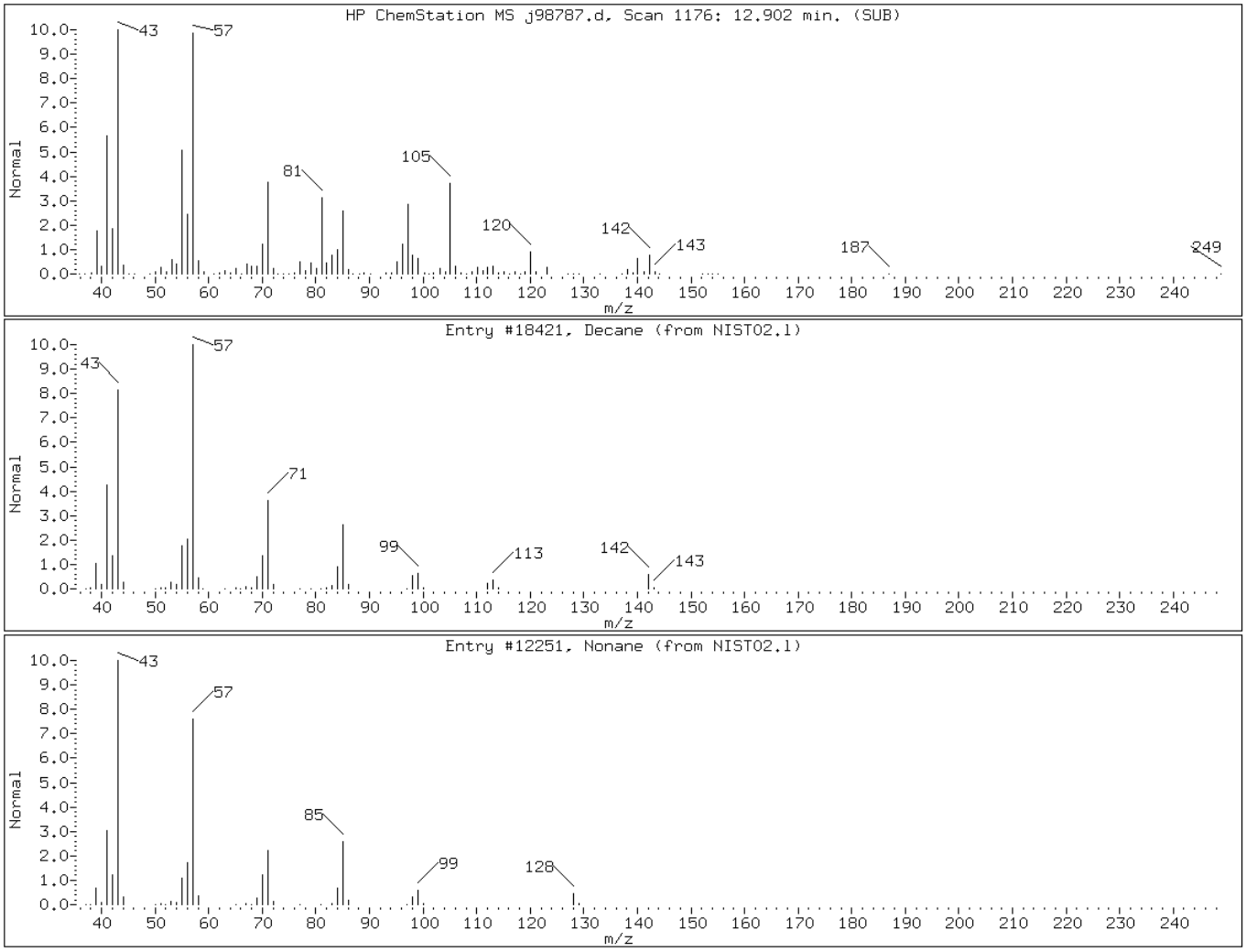
Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

Retention Time: 12.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Decane	124-18-5	NIST02.l	18421	91	C10H22	142
Nonane	111-84-2	NIST02.l	12251	47	C9H20	128



Data File: j98787.d

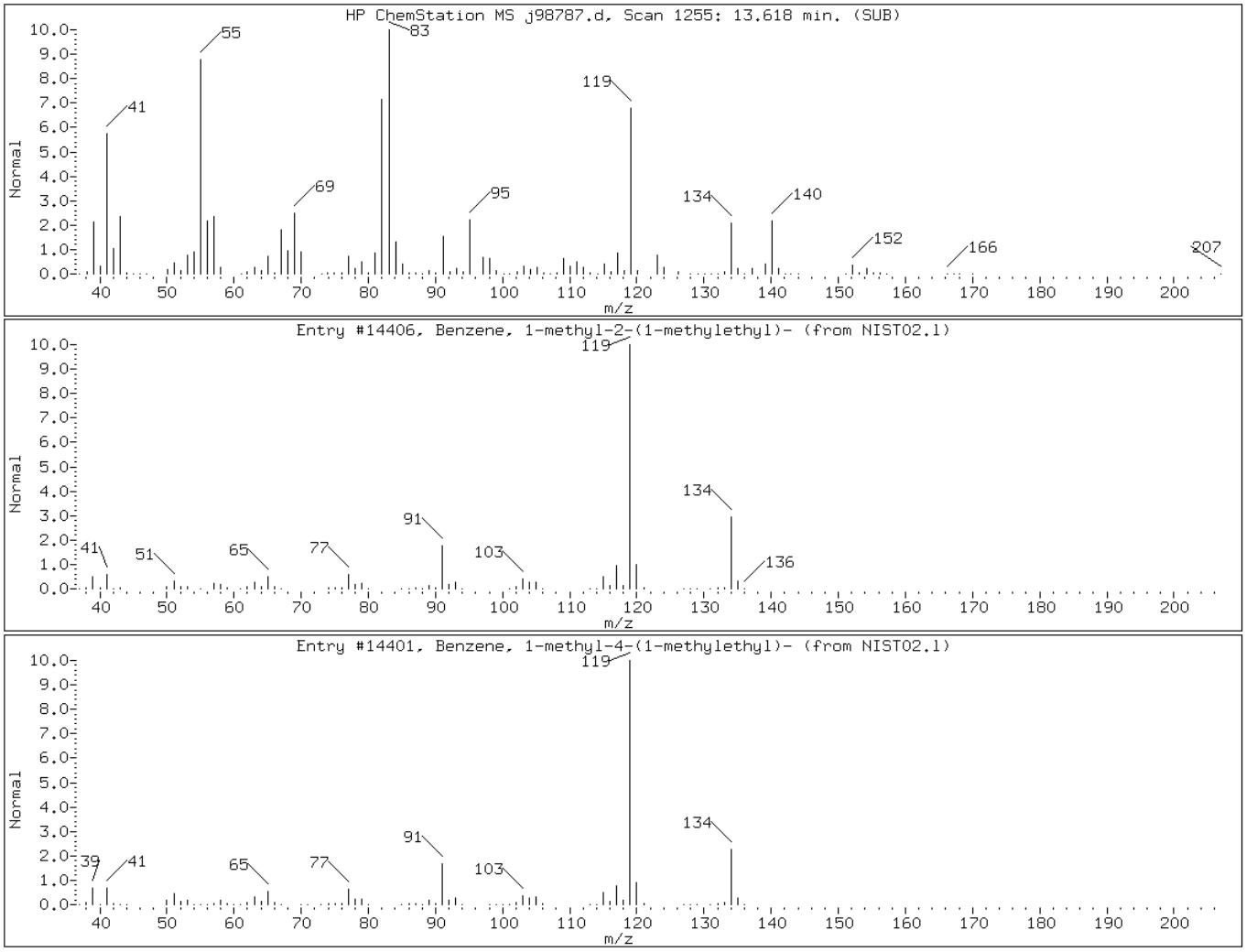
Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

Retention Time: 13.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	62	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	60	C10H14	134



Data File: j98787.d

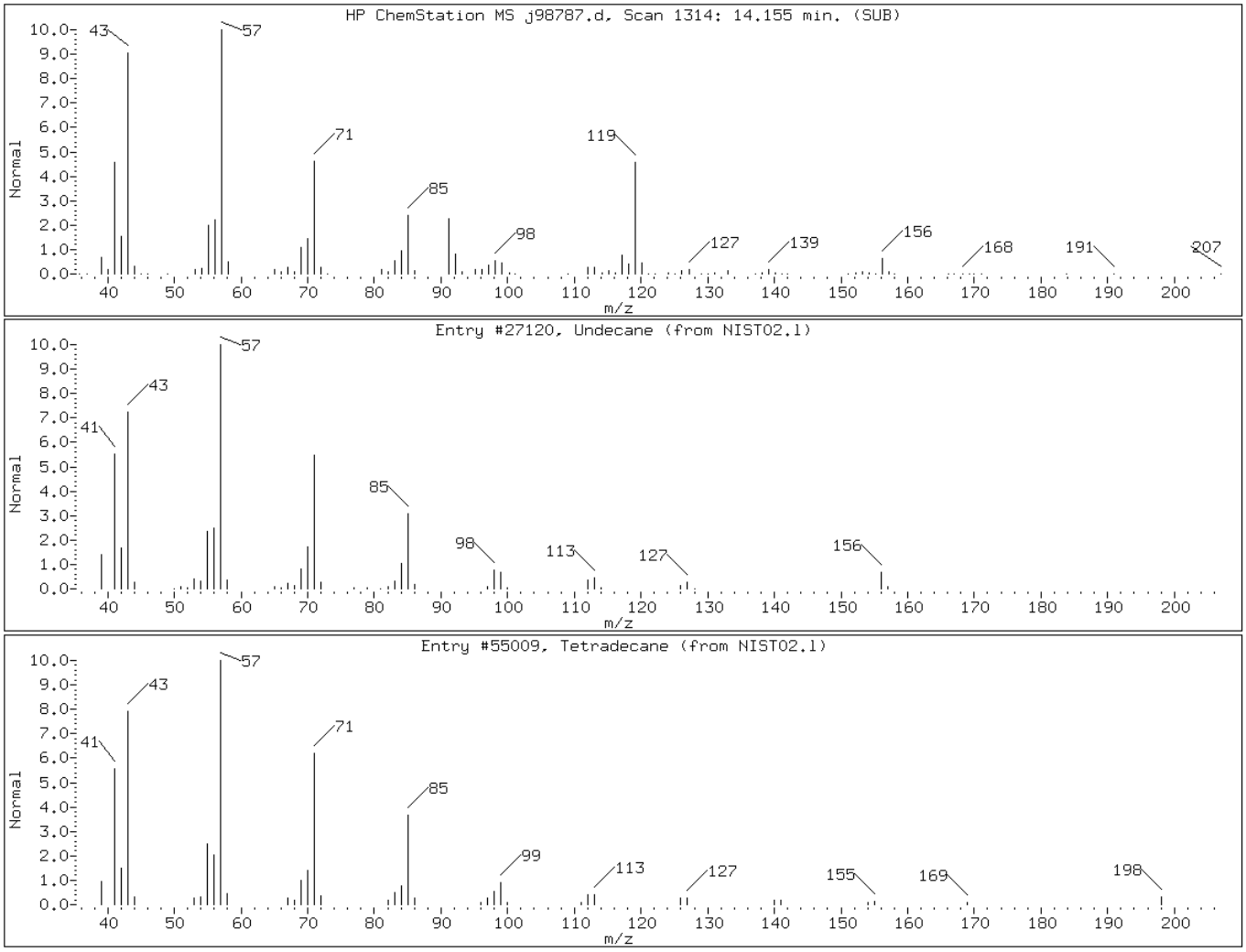
Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

Retention Time: 14.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27120	90	C11H24	156
Tetradecane	629-59-4	NIST02.l	55009	52	C14H30	198



Data File: j98787.d

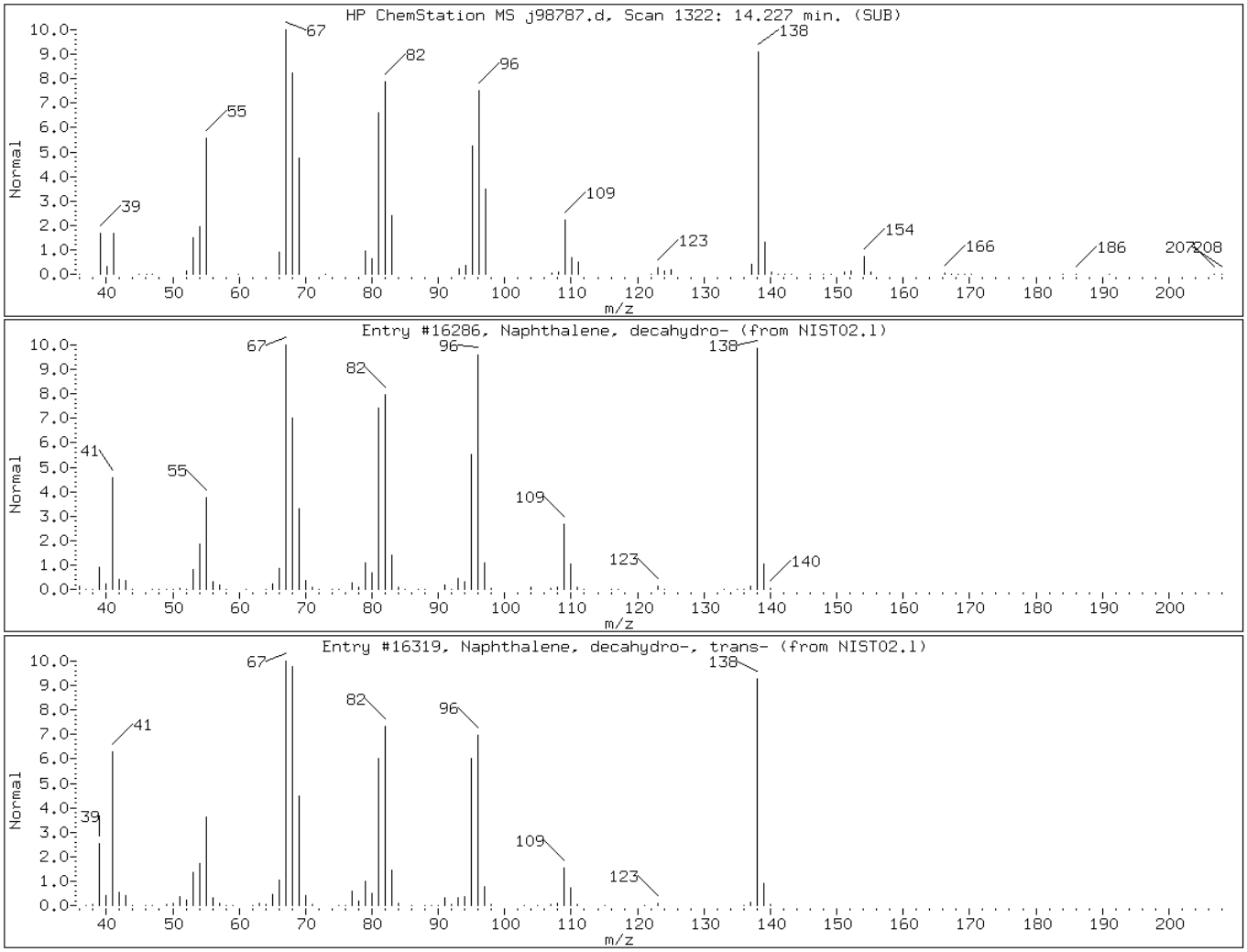
Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

Retention Time: 14.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	96	C10H18	138
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	96	C10H18	138



Data File: j98787.d

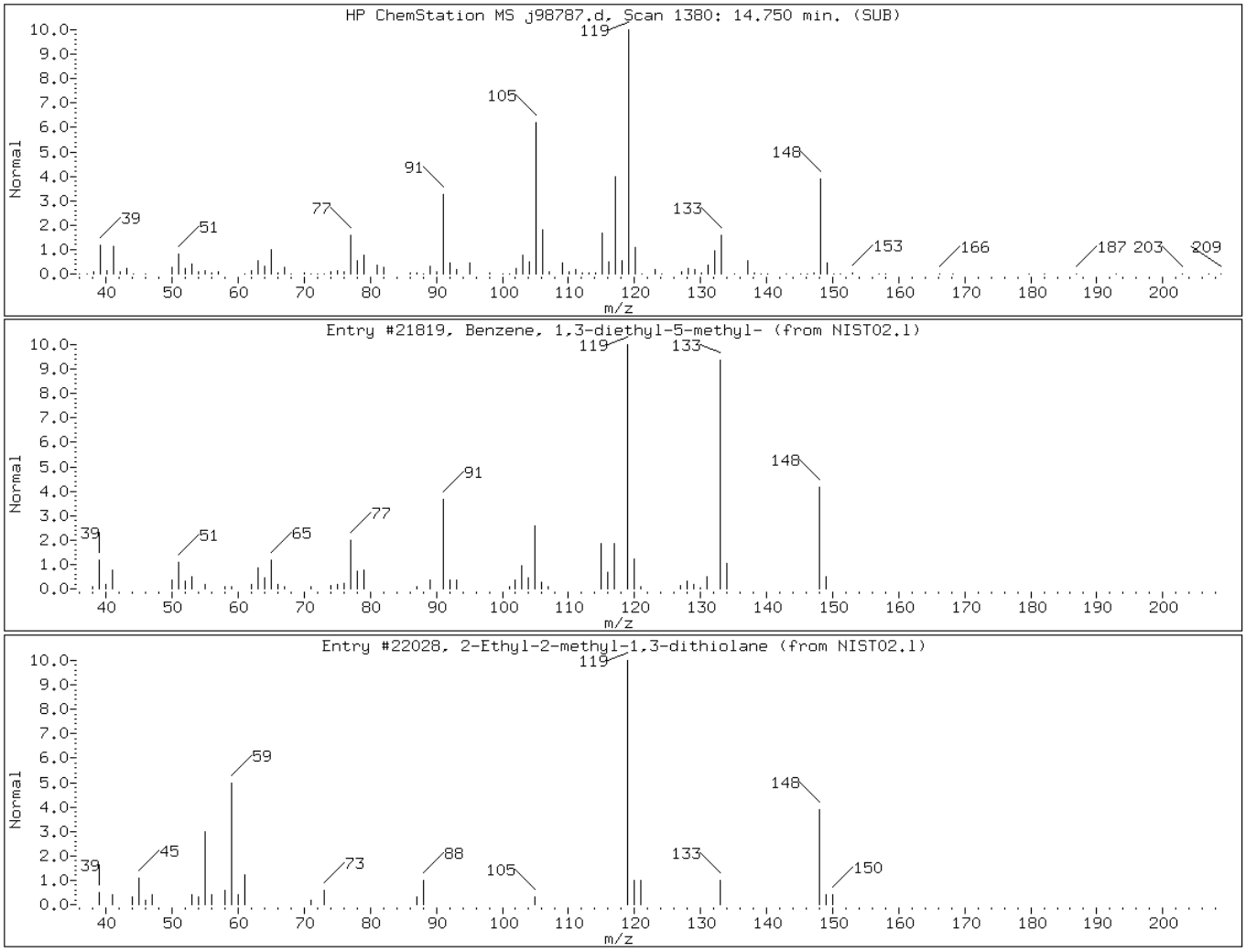
Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

Retention Time: 14.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylmethylbenzene isomer						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	86	C11H16	148
2-Ethyl-2-methyl-1,3-dithiolane	6008-81-7	NIST02.l	22028	52	C6H12S2	148



Data File: j98787.d

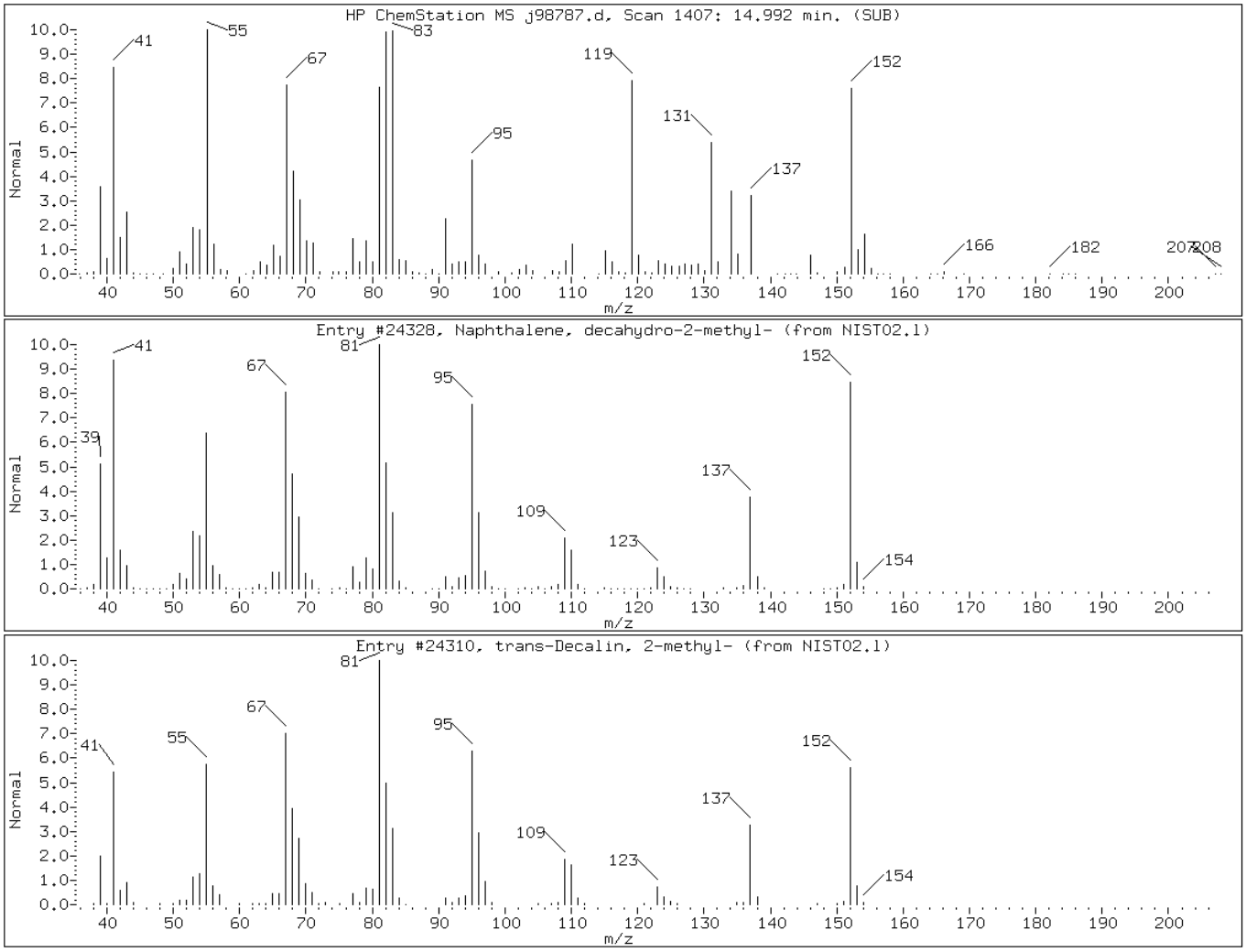
Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

Retention Time: 14.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	64	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	55	C11H20	152



Data File: j98787.d

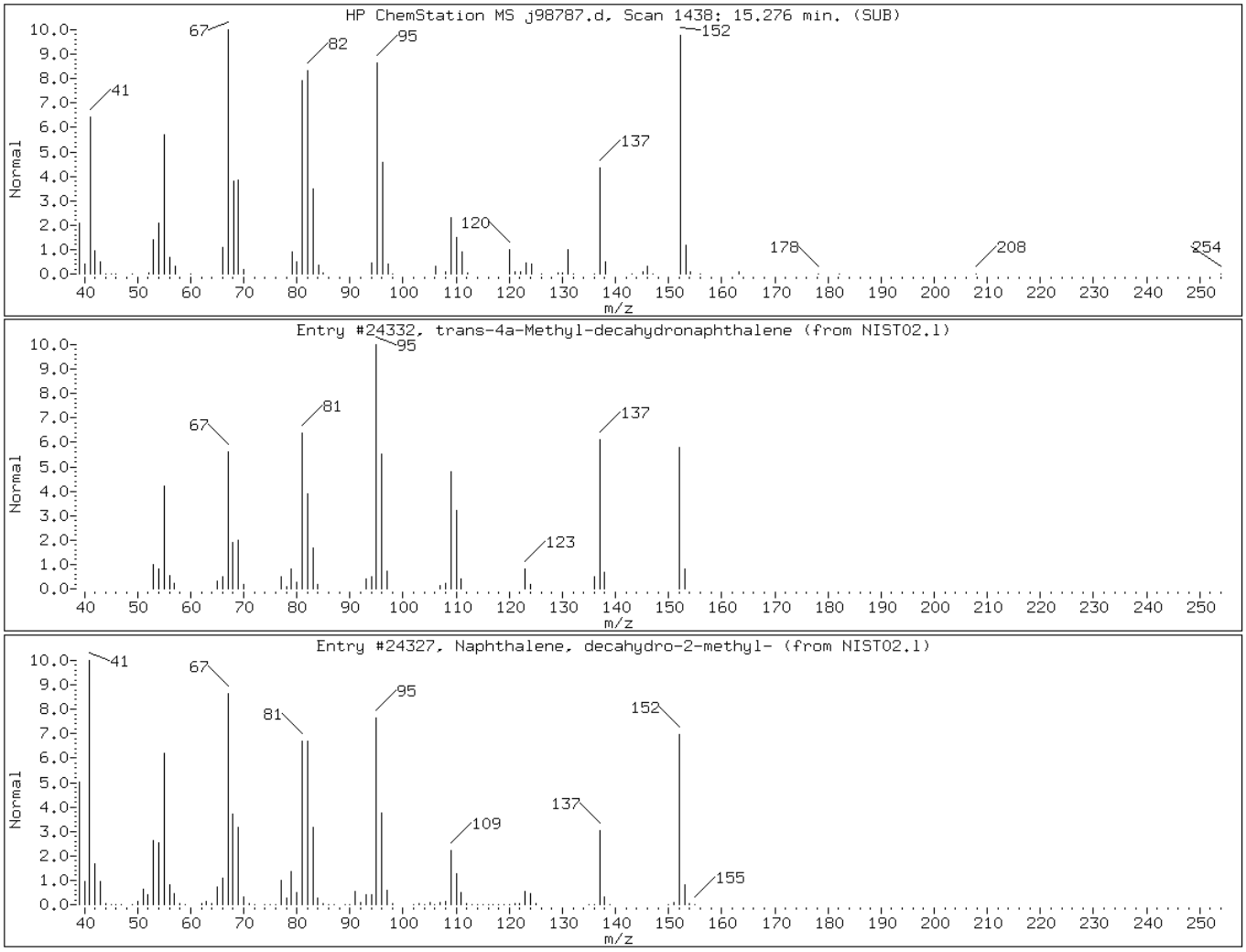
Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

Retention Time: 15.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
trans-4a-Methyl-decahydronaphthale	2547-27-5	NIST02.l	24332	93	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	93	C11H20	152



Data File: j98787.d

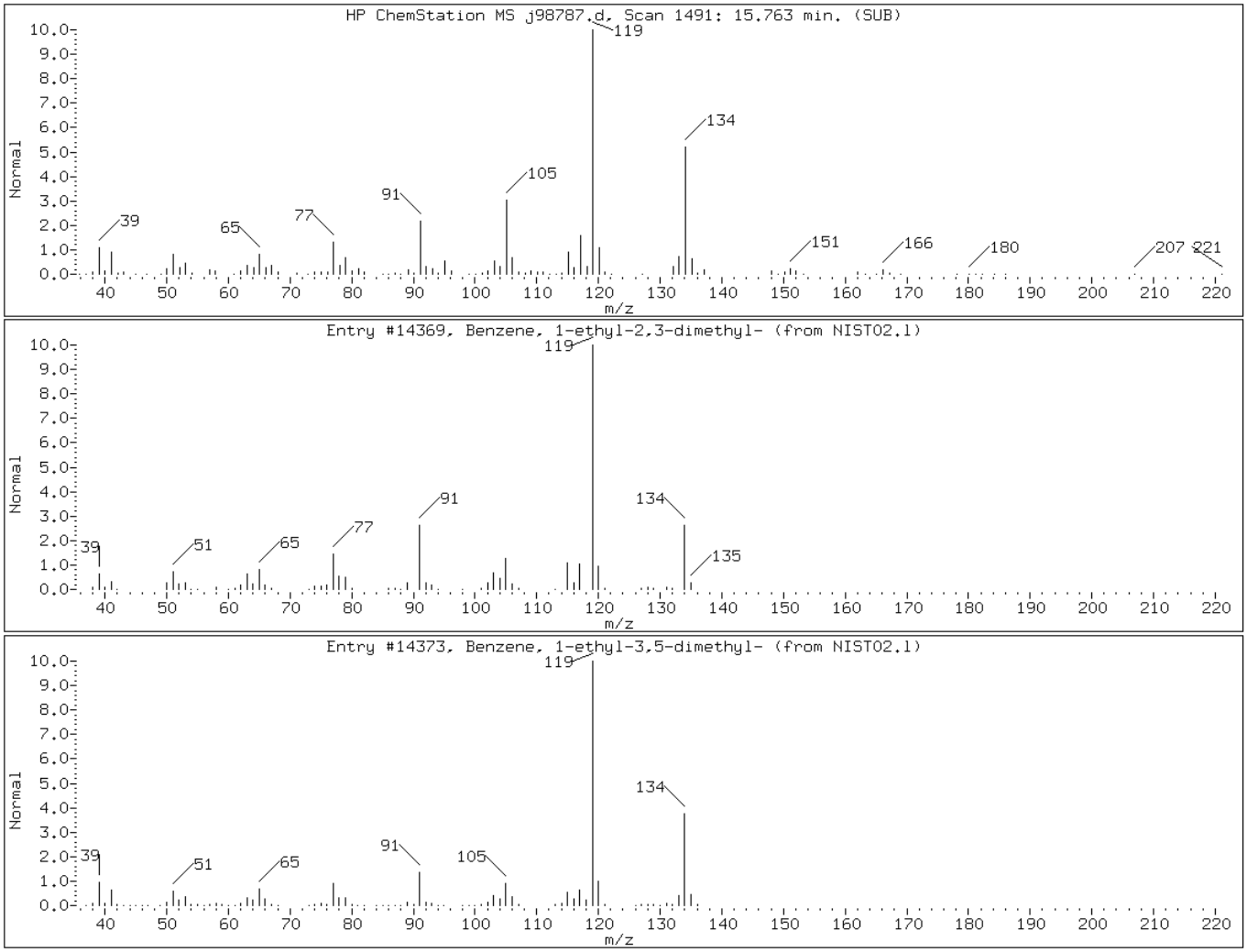
Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

Retention Time: 15.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-2						
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	94	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14373	93	C10H14	134



Data File: j98787.d

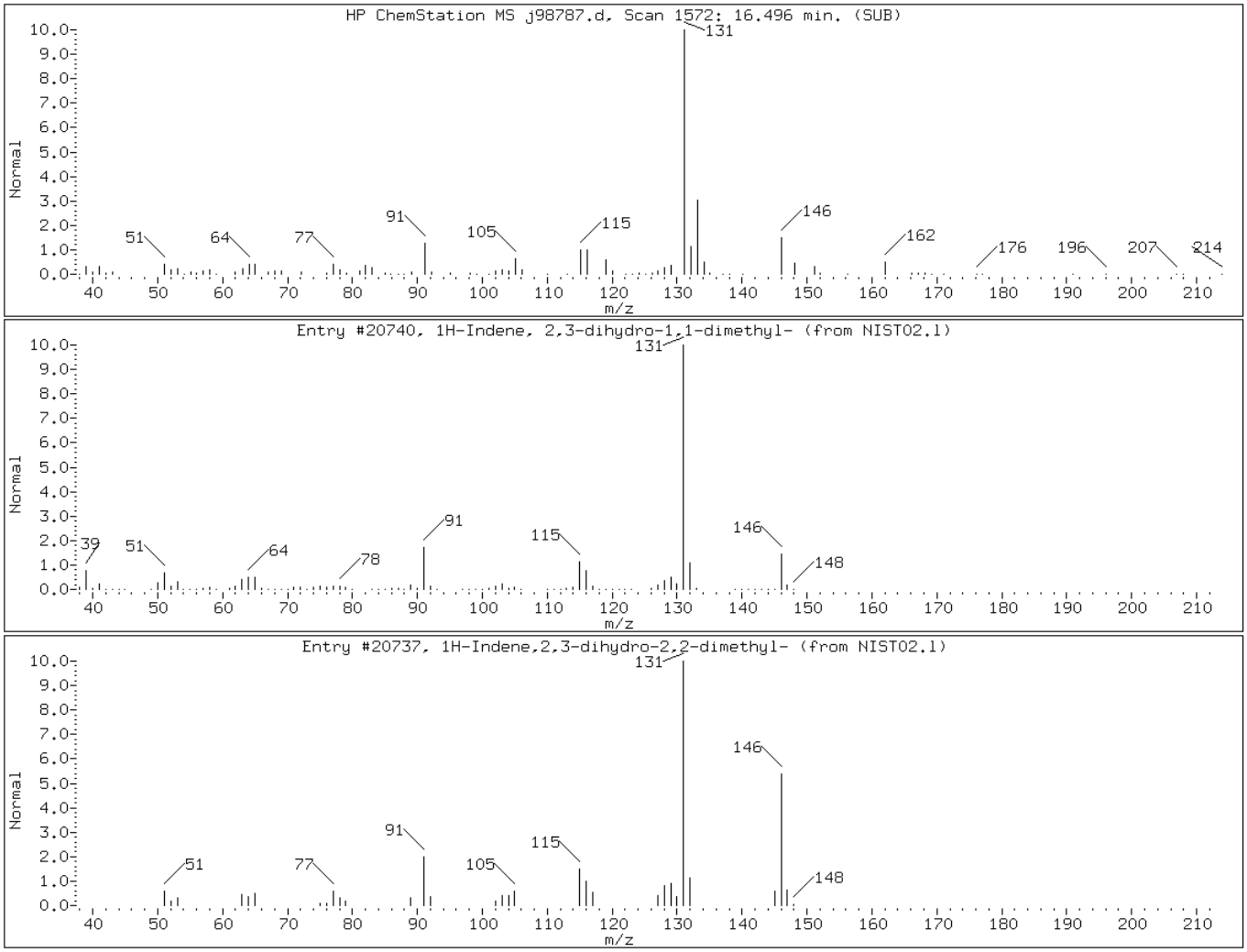
Date: 31-MAR-2011 14:25

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: VOAMS8.i

Sample Info: 460-24279-D-2-A;50;;5.6;5 Operator:

Retention Time: 16.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-1						
1H-Indene, 2,3-dihydro-1,1-dimethy	4912-92-9	NIST02.l	20740	45	C11H14	146
1H-Indene,2,3-dihydro-2,2-dimethyl	20836-11-7	NIST02.l	20737	38	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) | Lab Sample ID: 460-24279-3

Matrix: Solid | Lab File ID: o46758.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:45

Sample wt/vol: 9.91(g) | Date Analyzed: 03/30/2011 08:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 68929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.58	U	0.58	0.37
74-83-9	Bromomethane	0.58	U	0.58	0.24
75-01-4	Vinyl chloride	0.58	U	0.58	0.14
75-00-3	Chloroethane	0.58	U	0.58	0.23
75-09-2	Methylene Chloride	0.58	U	0.58	0.27
67-64-1	Acetone	58		5.8	2.1
75-15-0	Carbon disulfide	1.7		0.58	0.27
75-69-4	Trichlorofluoromethane	0.58	U	0.58	0.15
75-35-4	1,1-Dichloroethene	0.58	U	0.58	0.21
75-34-3	1,1-Dichloroethane	0.58	U	0.58	0.15
156-60-5	trans-1,2-Dichloroethene	0.19	J	0.58	0.16
156-59-2	cis-1,2-Dichloroethene	82		0.58	0.14
67-66-3	Chloroform	0.58	U	0.58	0.14
78-93-3	2-Butanone	5.8	U	5.8	0.33
107-06-2	1,2-Dichloroethane	0.58	U	0.58	0.23
71-55-6	1,1,1-Trichloroethane	0.58	U	0.58	0.11
56-23-5	Carbon tetrachloride	0.58	U	0.58	0.059
71-43-2	Benzene	0.58	U	0.58	0.43
75-25-2	Bromoform	0.58	U	0.58	0.41
100-42-5	Styrene	0.58	U	0.58	0.20
100-41-4	Ethylbenzene	8.2		0.58	0.11
108-90-7	Chlorobenzene	1.2		0.58	0.28
110-82-7	Cyclohexane	0.58	U	0.58	0.13
98-82-8	Isopropylbenzene	7.8		0.58	0.15
591-78-6	2-Hexanone	5.8	U	5.8	0.97
1634-04-4	MTBE	0.58	U	0.58	0.20
76-13-1	Freon TF	0.45	J	0.58	0.28
79-20-9	Methyl acetate	0.58	U	0.58	0.52
123-91-1	1,4-Dioxane	29	U	29	2.4
79-01-6	Trichloroethene	2.3		0.58	0.21
108-88-3	Toluene	0.61		0.58	0.17
10061-02-6	trans-1,3-Dichloropropene	0.58	U	0.58	0.13
108-10-1	4-Methyl-2-pentanone	5.8	U	5.8	0.41
10061-01-5	cis-1,3-Dichloropropene	0.58	U	0.58	0.12
95-50-1	1,2-Dichlorobenzene	1.9		0.58	0.37
541-73-1	1,3-Dichlorobenzene	0.58	U	0.58	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) | Lab Sample ID: 460-24279-3

Matrix: Solid | Lab File ID: o46758.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:45

Sample wt/vol: 9.91(g) | Date Analyzed: 03/30/2011 08:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 68929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.58	U	0.58	0.41
120-82-1	1,2,4-Trichlorobenzene	13		0.58	0.31
87-61-6	1,2,3-Trichlorobenzene	0.58	U	0.58	0.38
78-87-5	1,2-Dichloropropane	0.58	U	0.58	0.18
108-87-2	Methylcyclohexane	7.5		0.58	0.16
127-18-4	Tetrachloroethene	1.4		0.58	0.19
1330-20-7	Xylenes, Total	30		1.7	0.46
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	0.58	0.35
79-34-5	1,1,2,2-Tetrachloroethane	0.58	U	0.58	0.44
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.34
124-48-1	Dibromochloromethane	0.58	U	0.58	0.32
106-93-4	1,2-Dibromoethane	0.58	U	0.58	0.30
75-71-8	Dichlorodifluoromethane	0.58	U	0.58	0.24
74-97-5	Bromochloromethane	0.58	U	0.58	0.16
75-27-4	Bromodichloromethane	0.58	U	0.58	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	77		70-138
2037-26-5	Toluene-d8 (Surr)	72		66-126
460-00-4	Bromofluorobenzene	77		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) Lab Sample ID: 460-24279-3

Matrix: Solid Lab File ID: o46758.d

Analysis Method: 8260B Date Collected: 03/17/2011 12:45

Sample wt/vol: 9.91(g) Date Analyzed: 03/30/2011 08:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.0 Level: (low/med) Low

Analysis Batch No.: 68929 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 1134

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	1,2,4-Trimethylbenzene	11.00	140	
	Decahydromethylnaphthalene isomer	12.89	91	J
	Methyl-methylethylbenzene isomer	12.93	97	J
	Unknown	13.11	97	J
	Coeluting Aromatics	13.31	140	J
	C12H26 Alkane	13.38	160	J
	C13H28 Alkane	13.52	110	J
91-20-3	Naphthalene	13.84	99	
	C12H24 Cycloalkane	13.86	120	J
91-57-6	Naphthalene, 2-methyl-	14.74	80	J N

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46758.d
Report Date: 30-Mar-2011 12:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46758.d
Lab Smp Id: 460-24279-D-3-A Client Smp ID: PMP-6-SI-E (10.5-11
Inj Date : 30-MAR-2011 08:14
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24279-D-3-A;;;9.91;5
Misc Info : 460-24279-D-3-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/8260L_10.m
Meth Date : 30-Mar-2011 05:00 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	9.91000	Weight of sample extracted (g)
M	12.95844	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				910332	141.615	82
	48 Freon TF	101	1.776	1.770	(0.441)	4066	0.77955	0.45(a)
	7 Acetone	43	1.807	1.807	(0.448)	82961	99.7710	58
	8 Carbon Disulfide	76	1.904	1.898	(0.472)	43526	2.96968	1.7(H)
	12 trans-1,2-Dichloroethene	96	2.258	2.258	(0.560)	1827	0.32118	0.19(a)
	13 cis-1,2-Dichloroethene	96	3.002	3.002	(0.744)	908505	141.294	82
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	137918	38.6376	22
*	69 Fluorobenzene	96	4.032	4.032	(1.000)	970791	50.0000	
	25 Trichloroethene	95	4.404	4.398	(1.092)	23936	3.90014	2.3
	126 Methyl cyclohexane	83	4.599	4.593	(1.141)	153744	12.9413	7.5
$	37 Toluene-d8 (SUR)	98	5.800	5.800	(0.748)	609804	35.8542	21
	38 Toluene	91	5.879	5.879	(0.759)	30217	1.04720	0.61
	35 Tetrachloroethene	166	6.586	6.586	(0.850)	18431	2.33917	1.4
*	32 Chlorobenzene-d5	117	7.751	7.751	(1.000)	738464	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46758.d
Report Date: 30-Mar-2011 12:20

		QUANT SIG					CONCENTRATIONS	
							ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
==========		====	==	======	======	========	=======	=======
	39 Chlorobenzene	112	7.787	7.793	(1.005)	38574	2.12358	1.2
	40 Ethylbenzene	106	7.995	7.995	(1.031)	138685	14.1724	8.2
	43 m+p-Xylene	106	8.190	8.184	(1.057)	210345	17.1259	9.9
	44 o-Xylene	106	8.775	8.775	(1.132)	412411	34.7369	20
	110 Isopropylbenzene	105	9.391	9.391	(1.212)	389027	13.4486	7.8
$	41 Bromofluorobenzene (SUR)	174	9.598	9.598	(0.837)	250012	38.4060	22
	112 n-Propylbenzene	91	10.067	10.061	(0.878)	680686	16.6943	9.7
	102 1,3,5-Trimethylbenzene	105	10.390	10.378	(0.906)	2782690	92.9338	54
	115 tert-Butylbenzene	119	10.909	10.902	(0.951)	58758	2.17261	1.2
	100 1,2,4-Trimethylbenzene	105	11.000	10.988	(0.959)	7159938	234.535	140
	114 sec-Butylbenzene	105	11.268	11.262	(0.982)	981979	24.8376	14
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.463	(1.000)	437235	50.0000	
	113 p-Isopropyltoluene	119	11.518	11.506	(1.004)	1214106	35.6107	21
	69 1,2-Dichlorobenzene	146	11.975	11.969	(1.044)	53338	3.33999	1.9
	111 n-Butylbenzene	91	12.049	12.043	(1.050)	1375953	45.3763	26
	93 1,2,4-Trichlorobenzene	180	13.640	13.634	(1.189)	292369	22.4415	13
	70 Naphthalene	128	13.841	13.835	(1.207)	3959308	170.933	99
M	45 Xylene (Total)	100				622756	51.2739	30

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46758.d
Report Date: 30-Mar-2011 12:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46758.d
Lab Smp Id: 460-24279-D-3-A Client Smp ID: PMP-6-SI-E (10.5-11
Inj Date : 30-MAR-2011 08:14
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24279-D-3-A;;;9.91;5
Misc Info : 460-24279-D-3-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/8260L_10.m
Meth Date : 30-Mar-2011 05:00 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	9.91000	Weight of sample extracted (g)
M	12.95844	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	11.469	7088978	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H22 Alkane					CAS #:		
10.537	14146650	99.7791867	58	0		0	91
Trimethylbenzene isomer					CAS #:		
11.616	14360127	101.284886	59	0		0	91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46758.d
Report Date: 30-Mar-2011 12:20

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Decahydronaphthalene isomer					CAS #:		
11.921	13987651	98.6577339	57	0		0	91
C11H24 Alkane					CAS #:		
12.280	17498125	123.417816	72	0		0	91
C11H16 Aromatic					CAS #:		
12.640	17365285	122.480874	71	0		0	91
C11H22 Cycloalkane					CAS #:		
12.841	15885571	112.044149	65	0		0	91
Decahydromethylnaphthalene isomer					CAS #:		
12.890	22323147	157.449677	91	0		0	91
Methyl-methylethylbenzene isomer					CAS #:		
12.933	23681042	167.027181	97	0		0	91
Unknown					CAS #:		
13.109	23650652	166.812840	97	0		0	91
Coeluting Aromatics					CAS #:		
13.311	33279848	234.729510	140	0		0	91
C12H26 Alkane					CAS #:		
13.384	39869885	281.210372	160	0		0	91
C13H28 Alkane					CAS #:		
13.524	26332363	185.727487	110	0		0	91
C12H24 Cycloalkane					CAS #:		
13.859	29138114	205.517017	120	0		0	91
C14H30 Alkane					CAS #:		
14.018	18410020	129.849597	75	0		0	91
Tetrahydromethylnaphthalene isomer					CAS #:		
14.341	16298382	114.955790	67	0		0	91
Naphthalene, 2-methyl-					CAS #: 91-57-6		
14.743	19627227	138.434808	80	96	NIST02.l	18501	91
Naphthalene, 1-methyl-					CAS #: 90-12-0		
14.877	11901688	83.9450144	49	96	NIST02.l	18499	91(L)

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46758.d
Report Date: 30-Mar-2011 12:20

QC Flag Legend

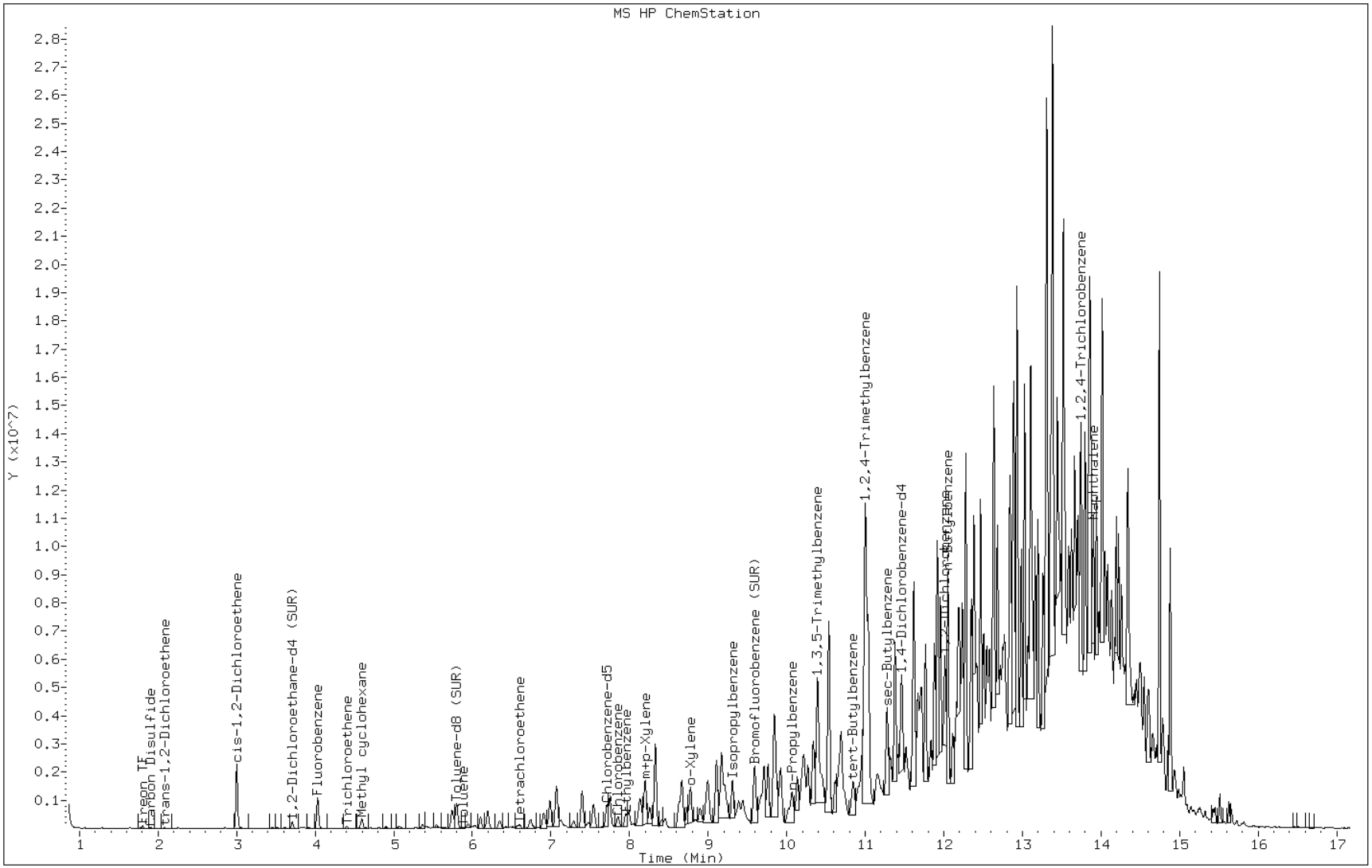
L - Operator selected an alternate library search match.

Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9



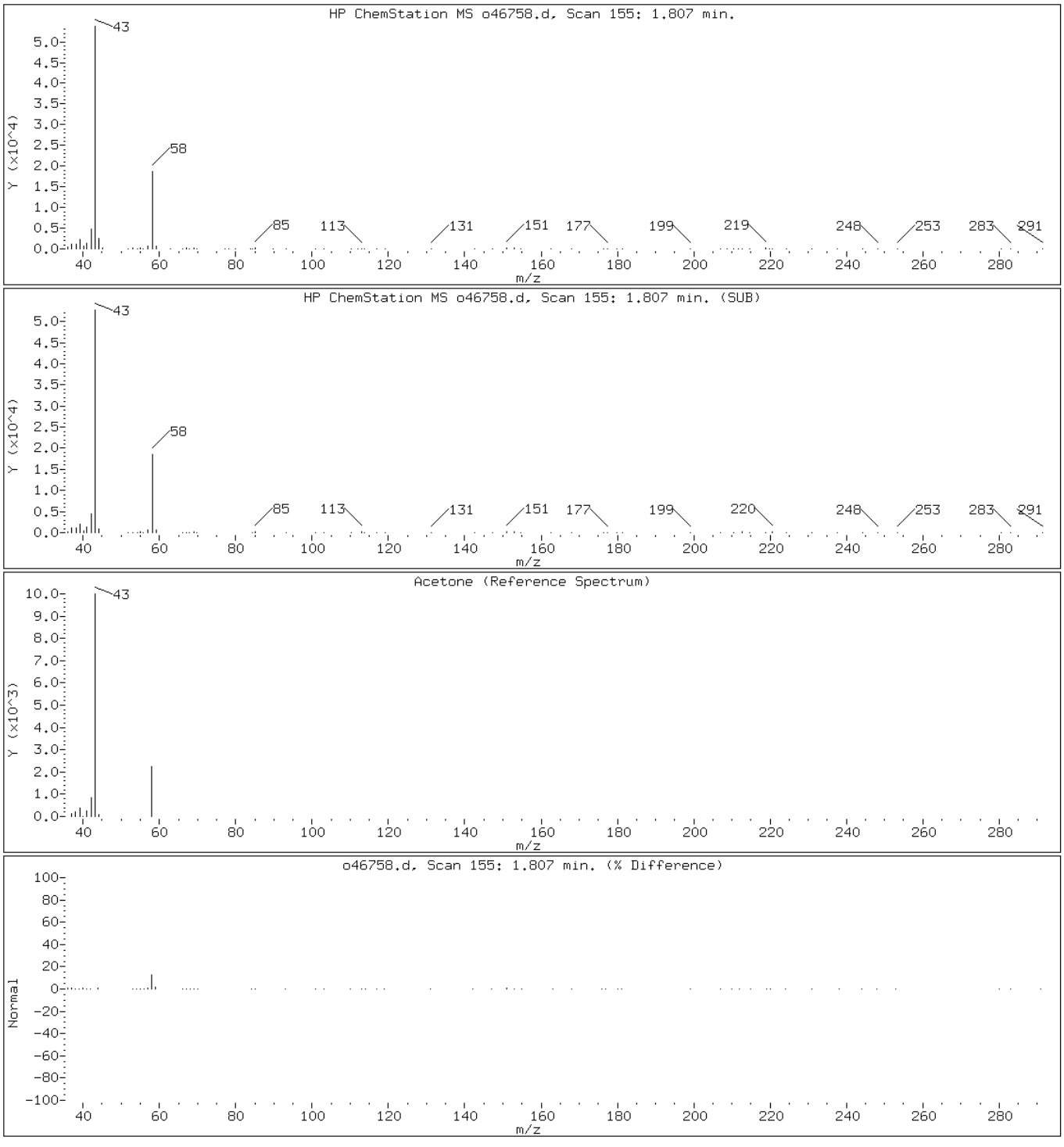
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

7 Acetone



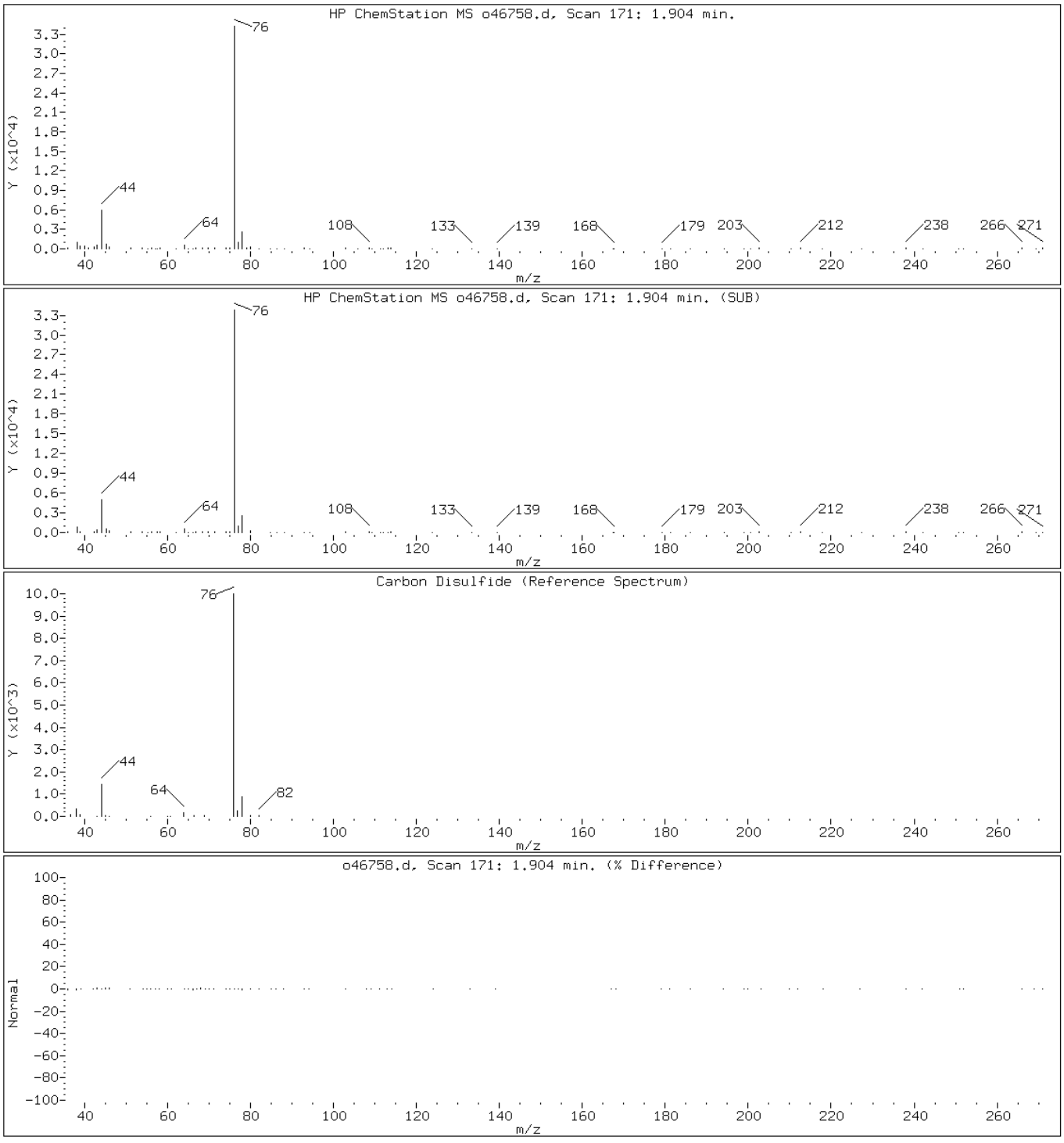
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

8 Carbon Disulfide



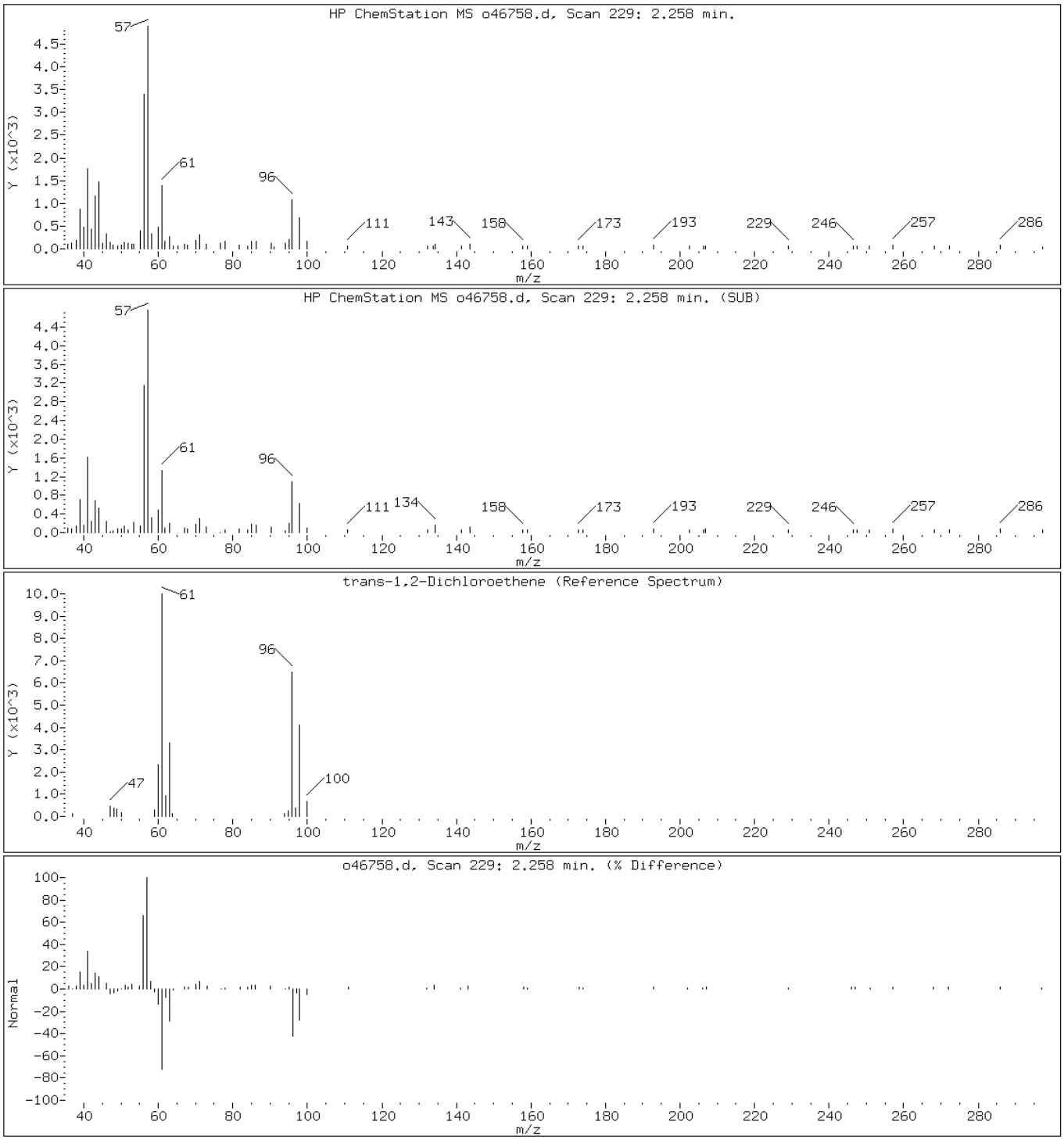
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

12 trans-1,2-Dichloroethene



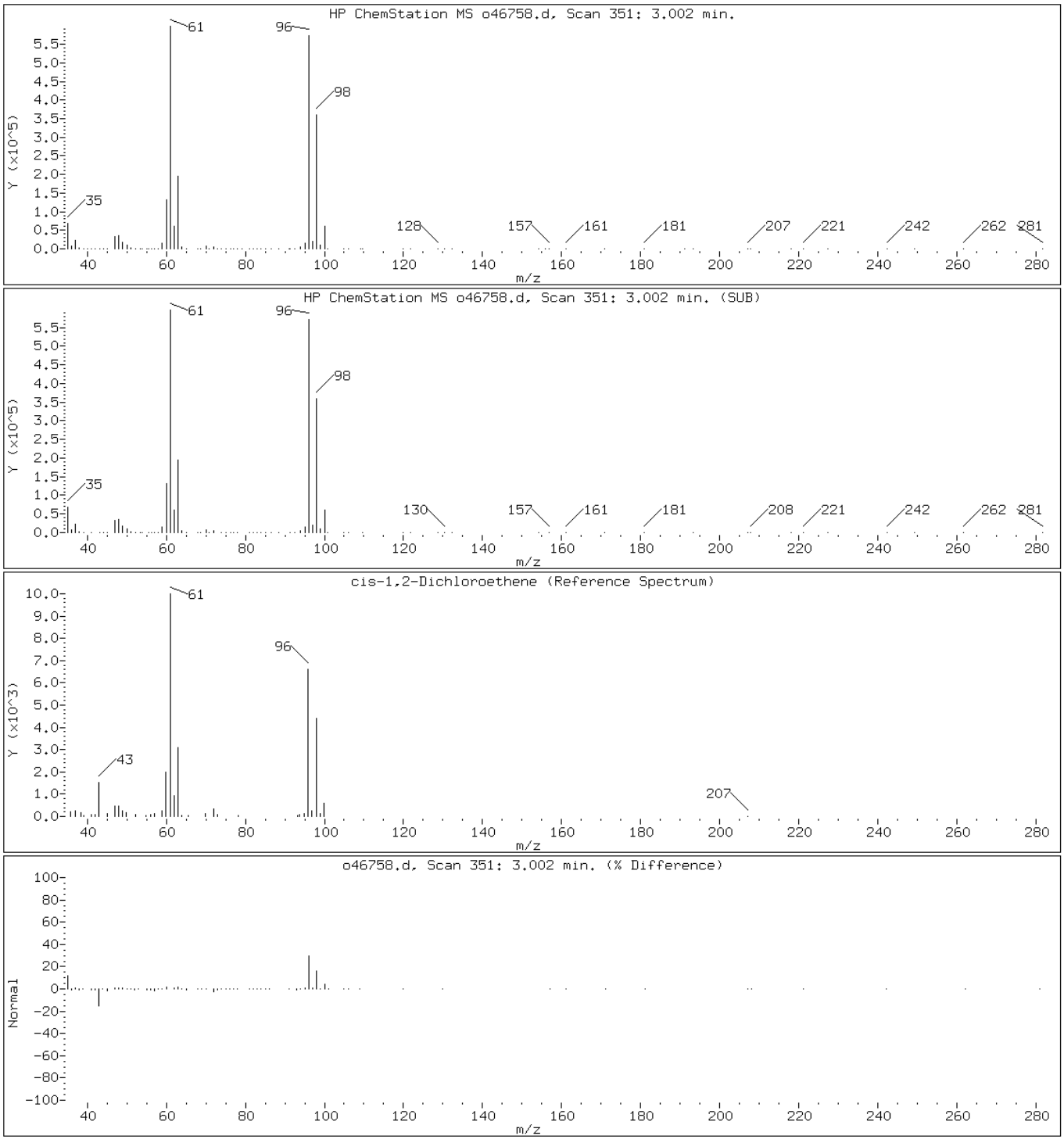
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



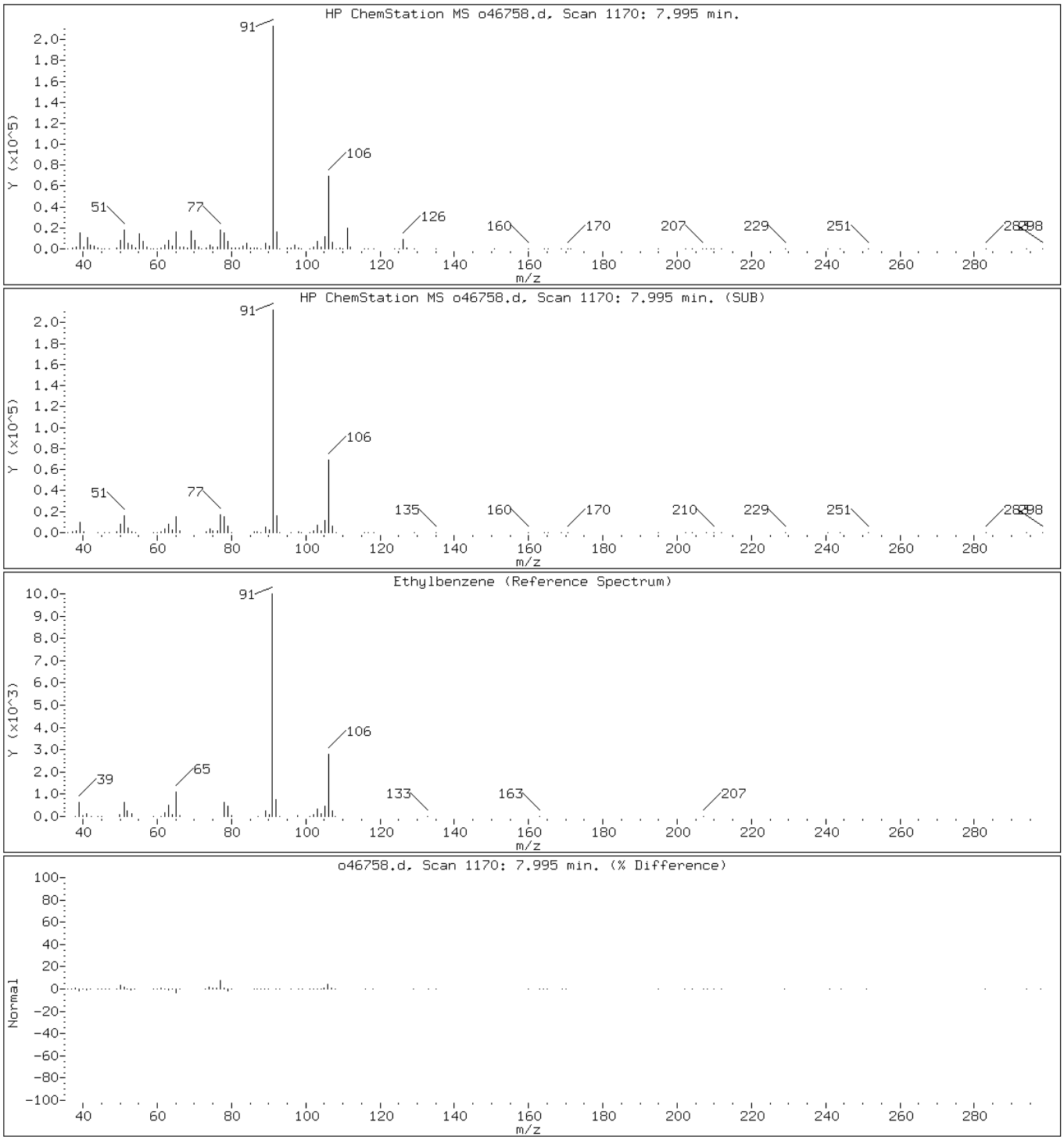
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

40 Ethylbenzene



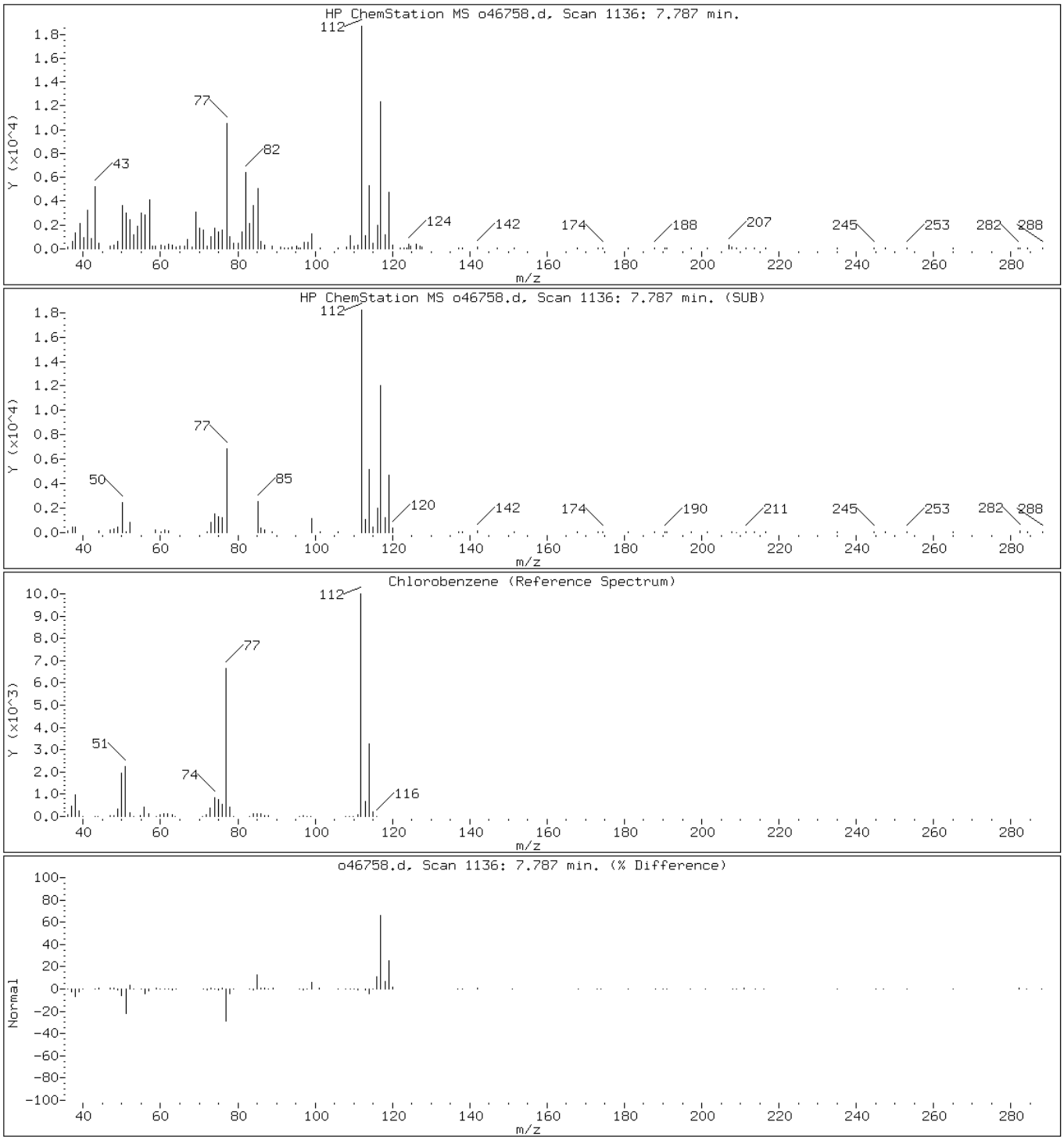
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

39 Chlorobenzene



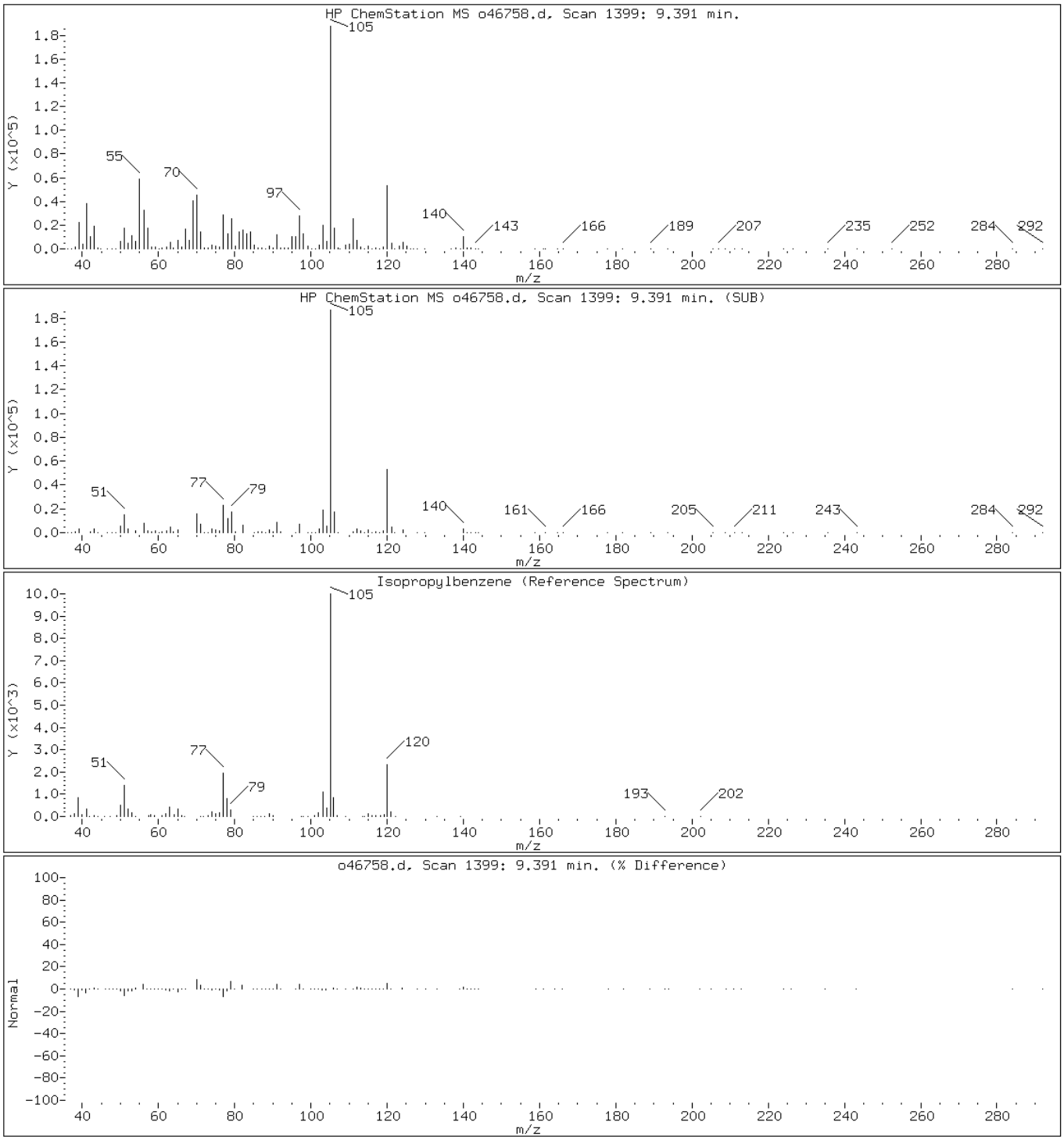
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

110 Isopropylbenzene



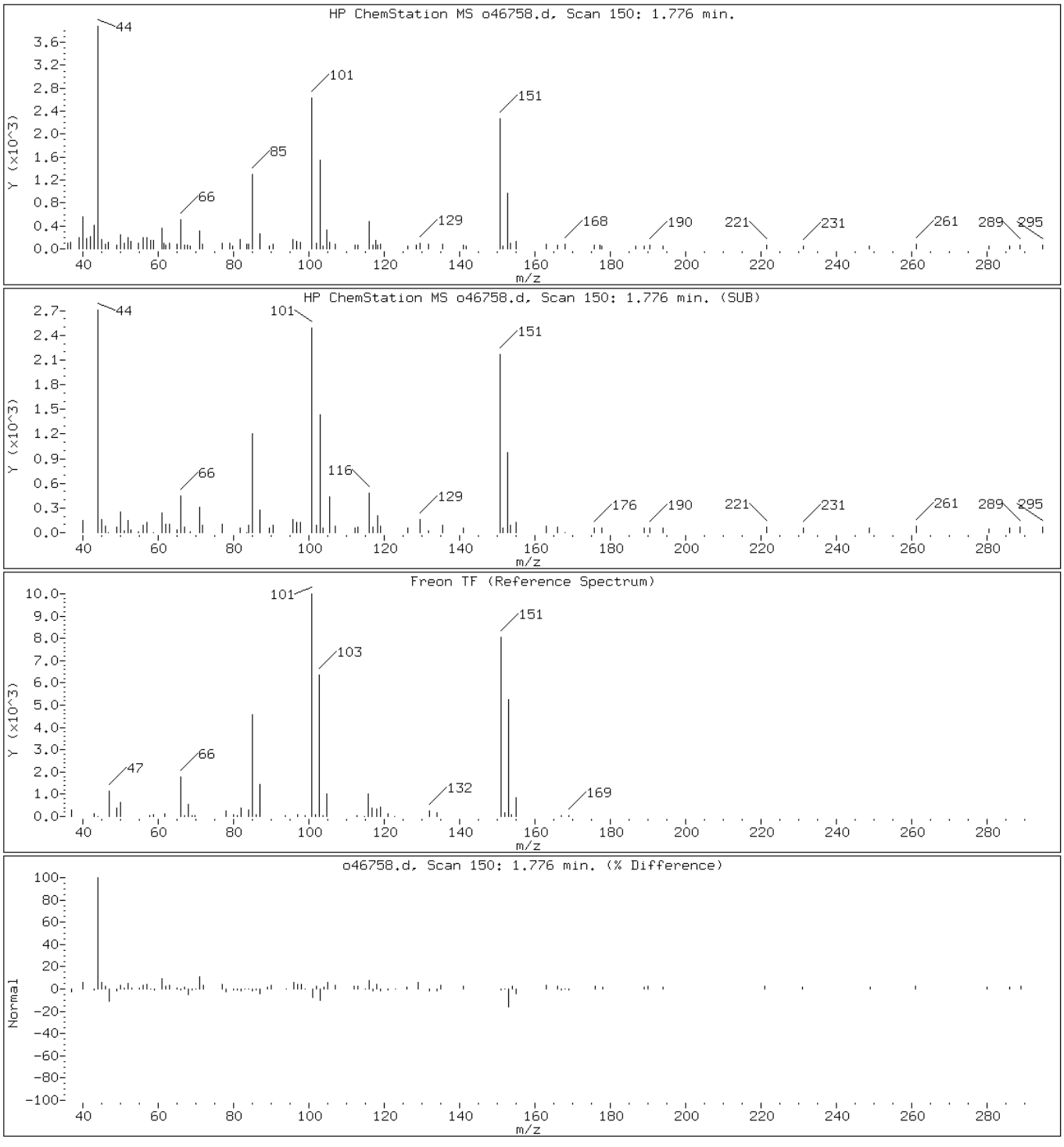
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

48 Freon TF



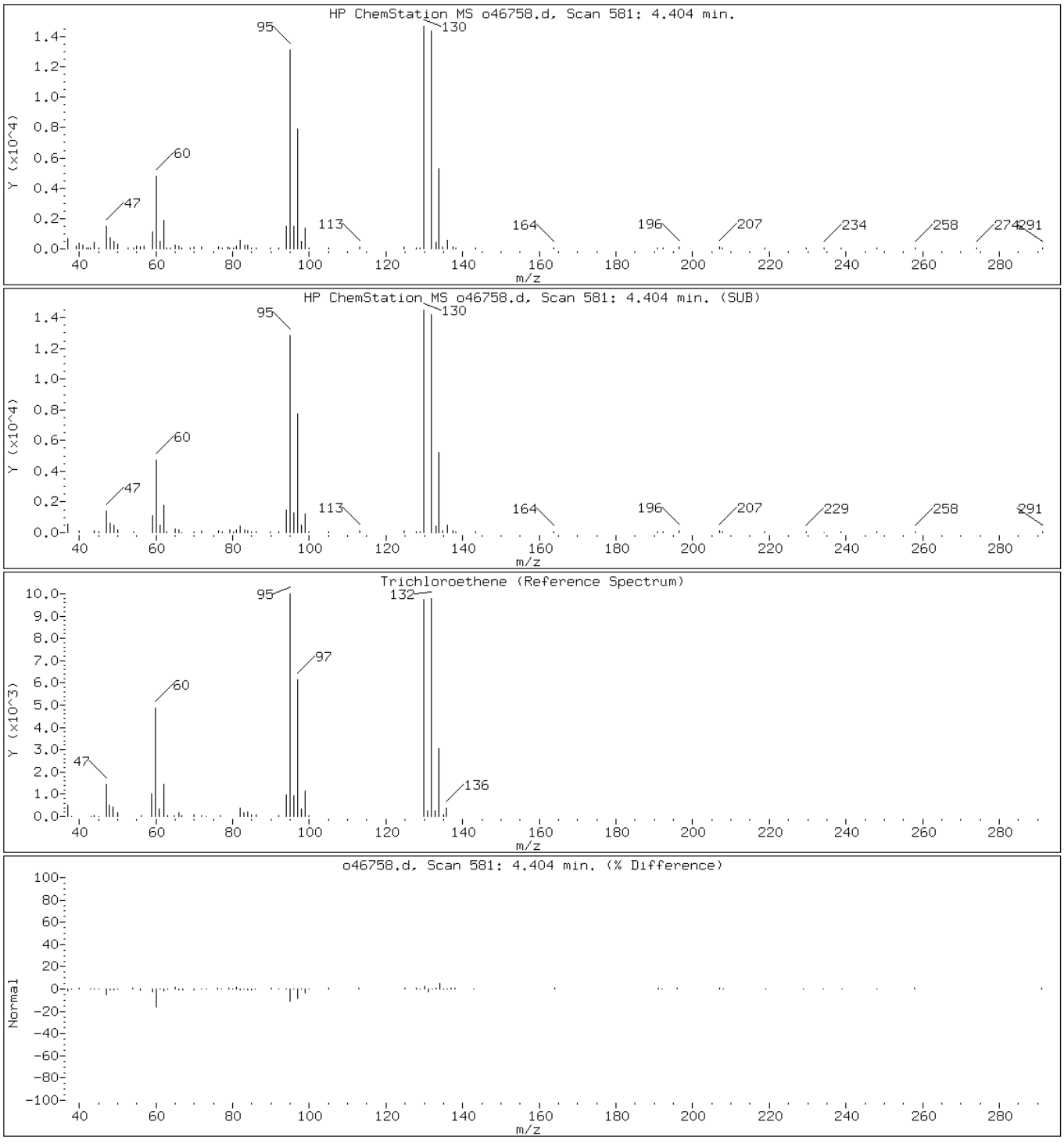
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

25 Trichloroethene



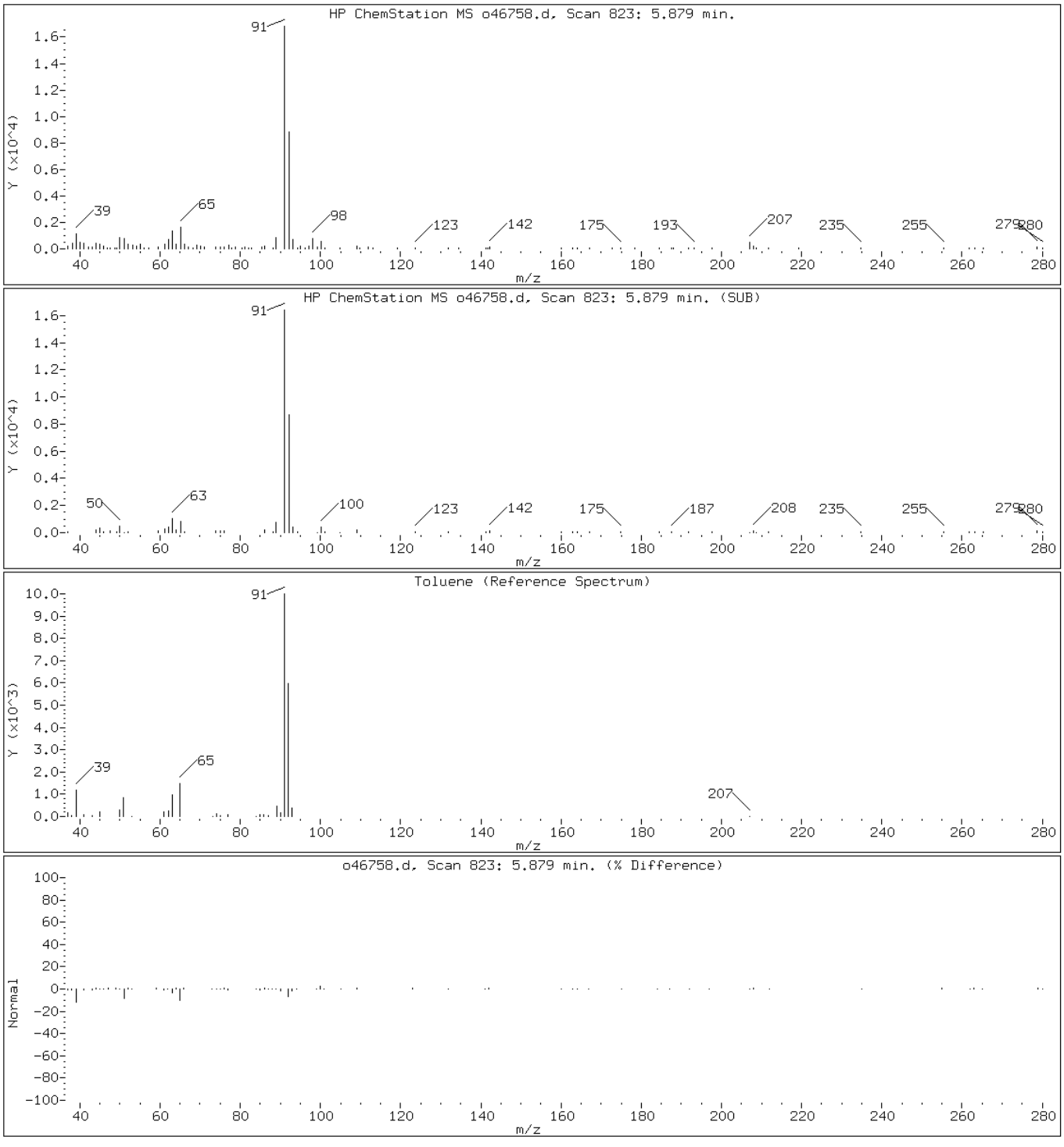
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

38 Toluene



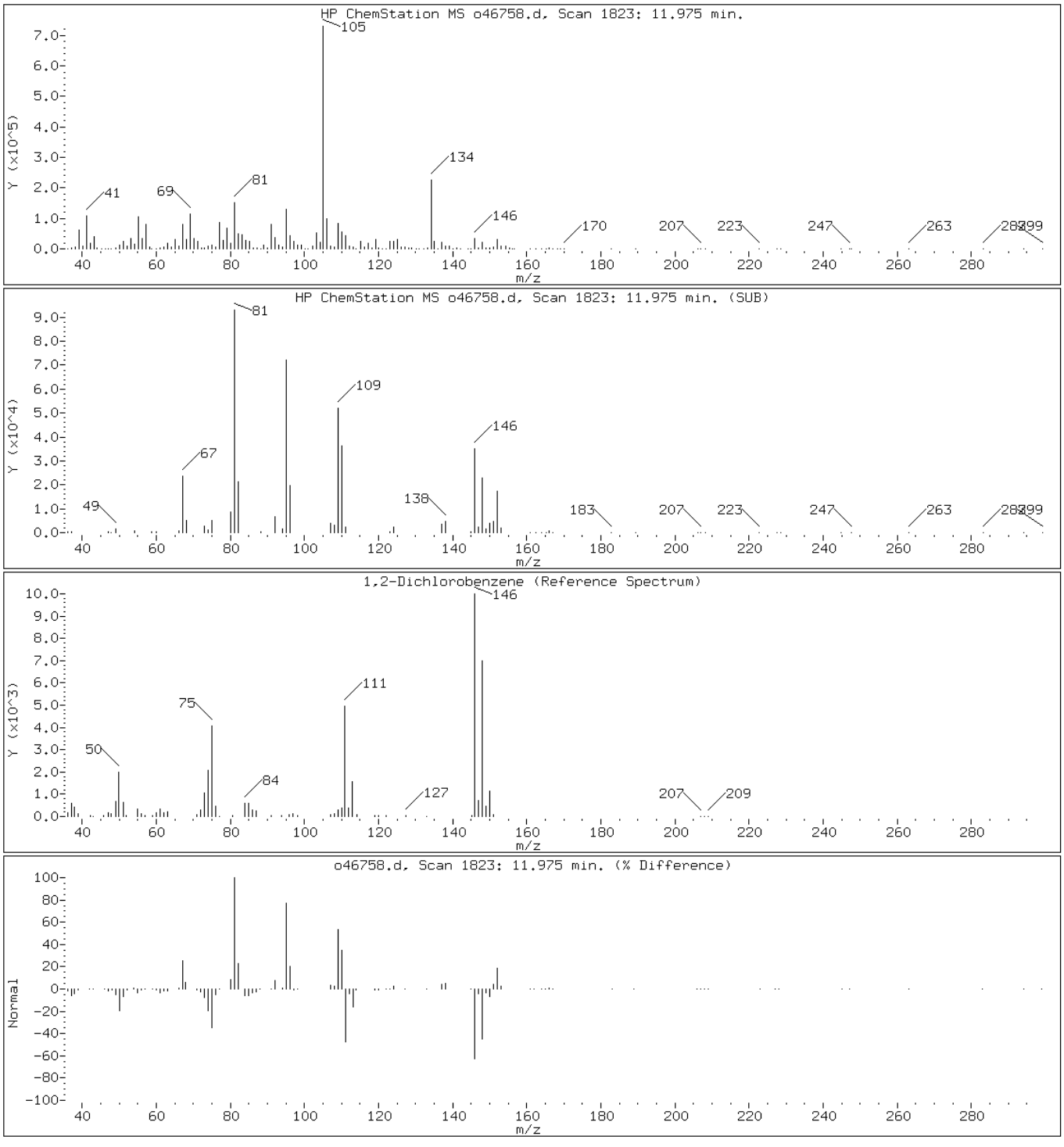
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



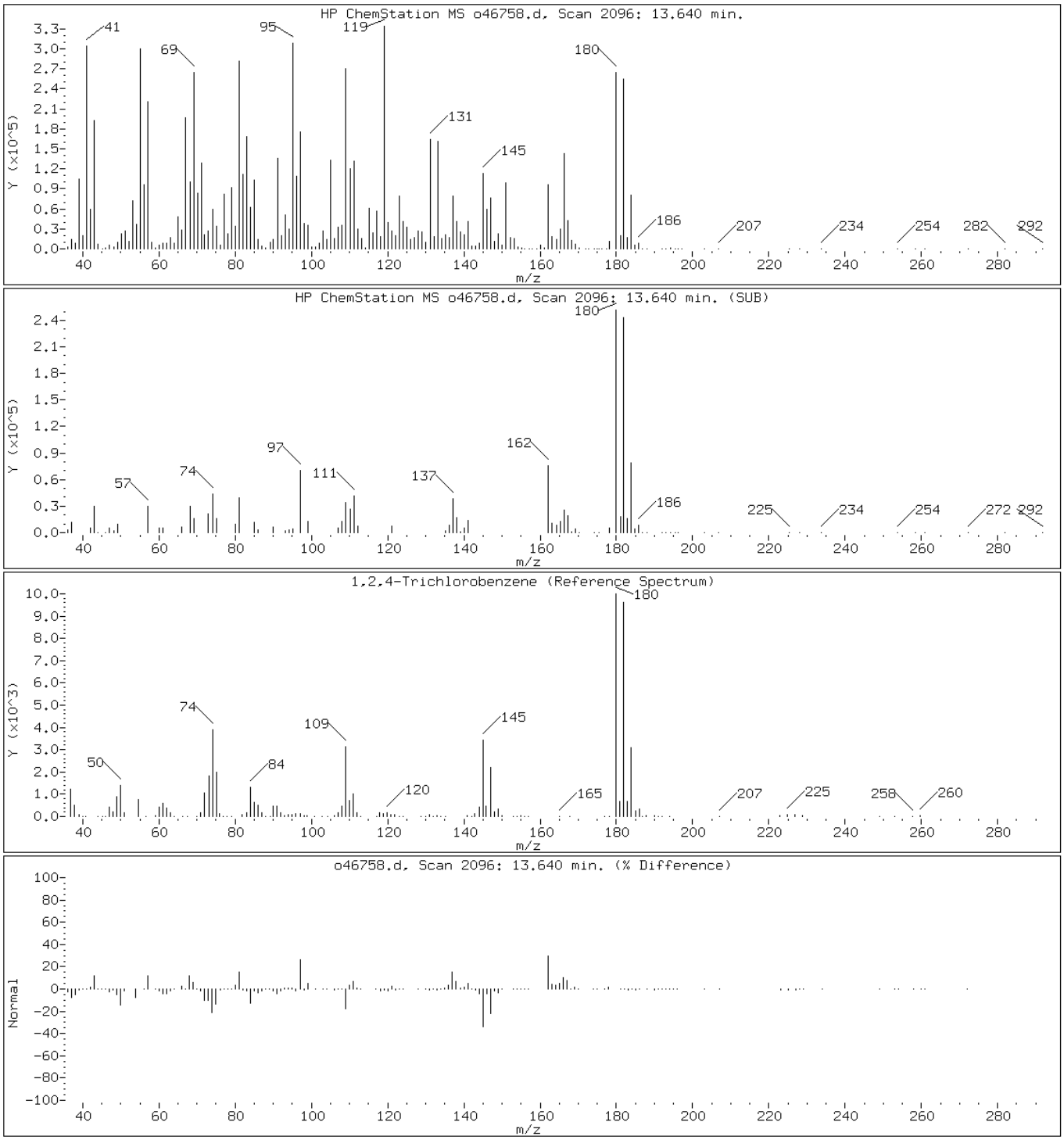
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



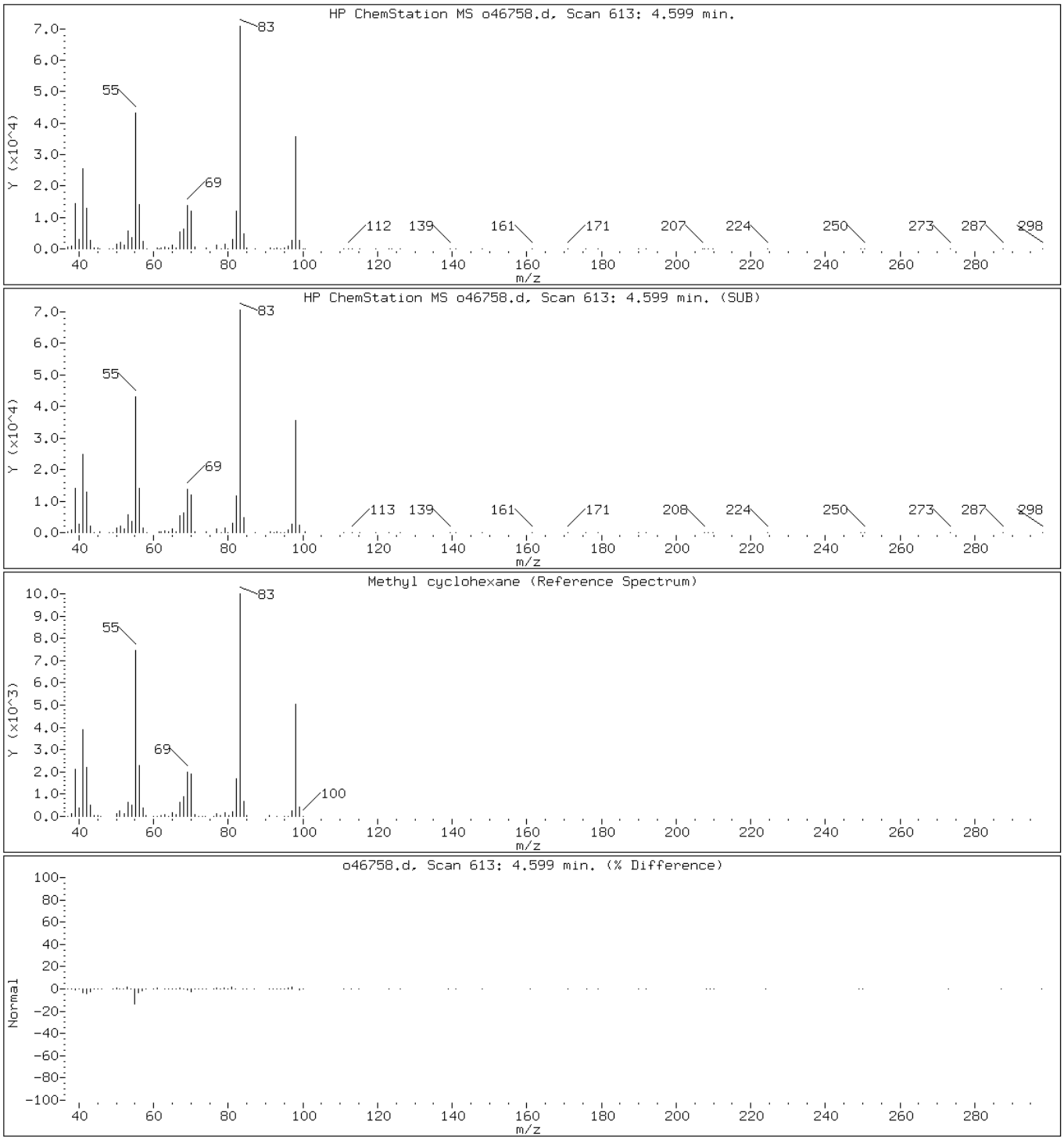
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

126 Methyl cyclohexane



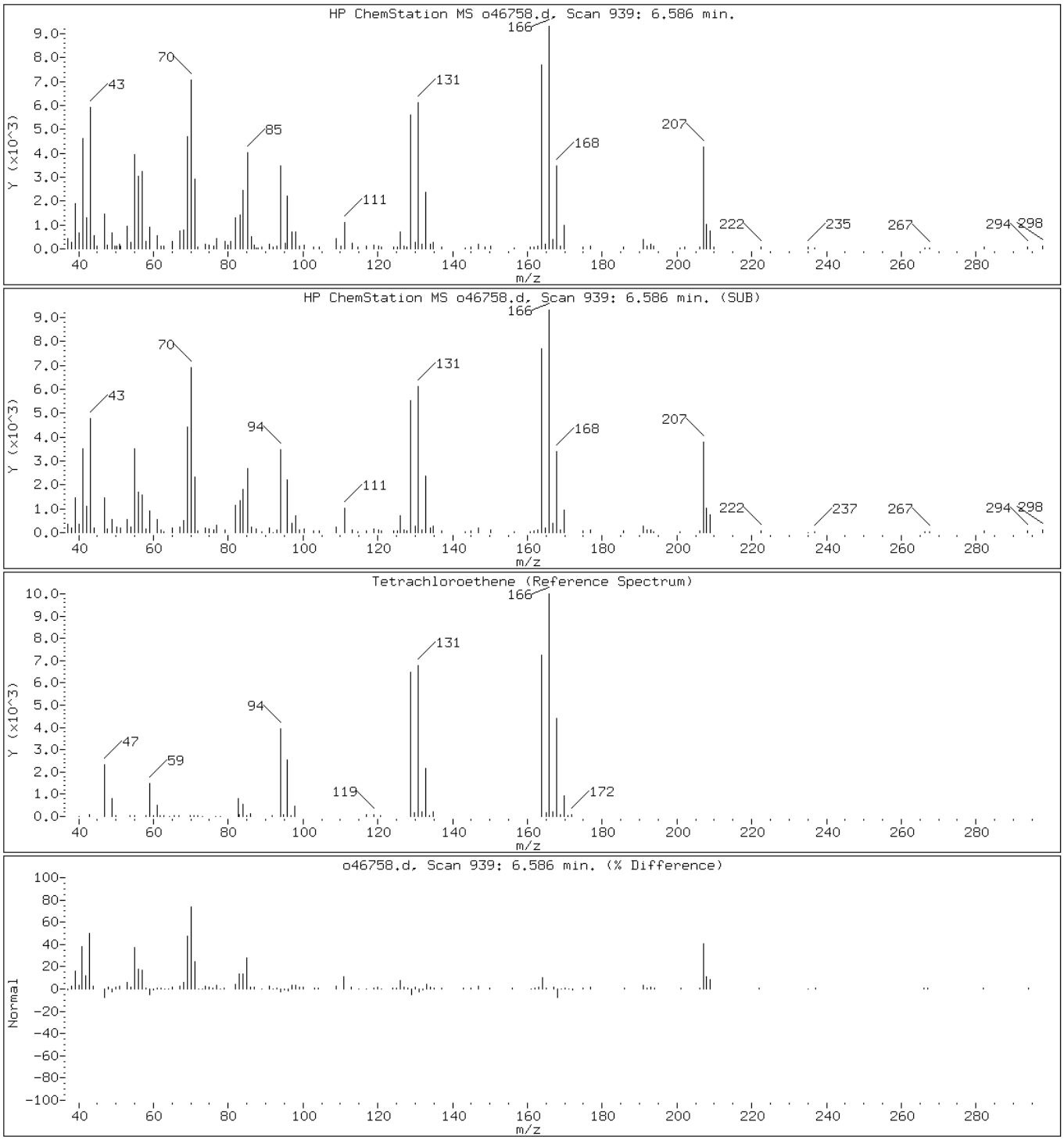
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

35 Tetrachloroethene



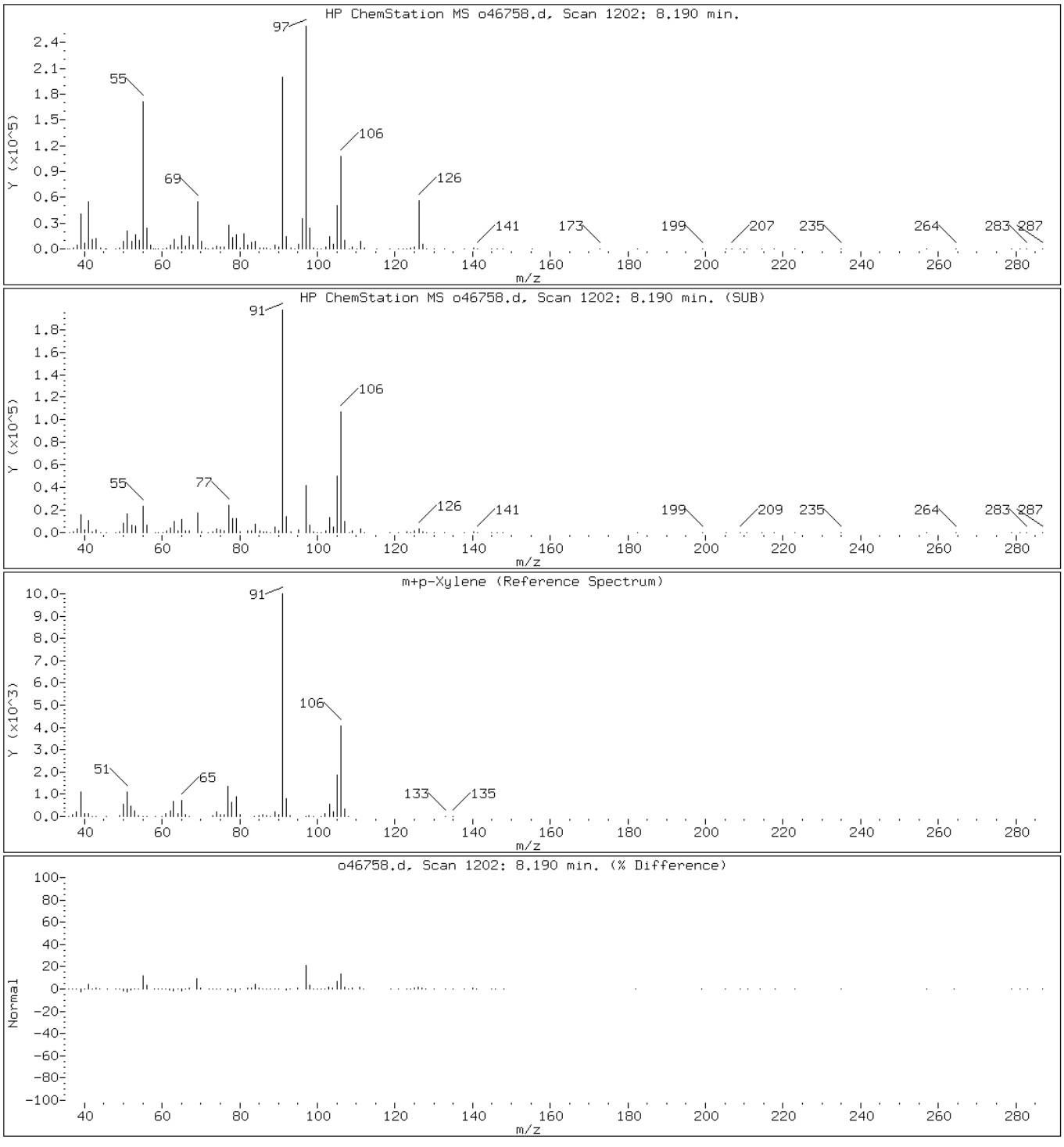
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

43 m+p-Xylene



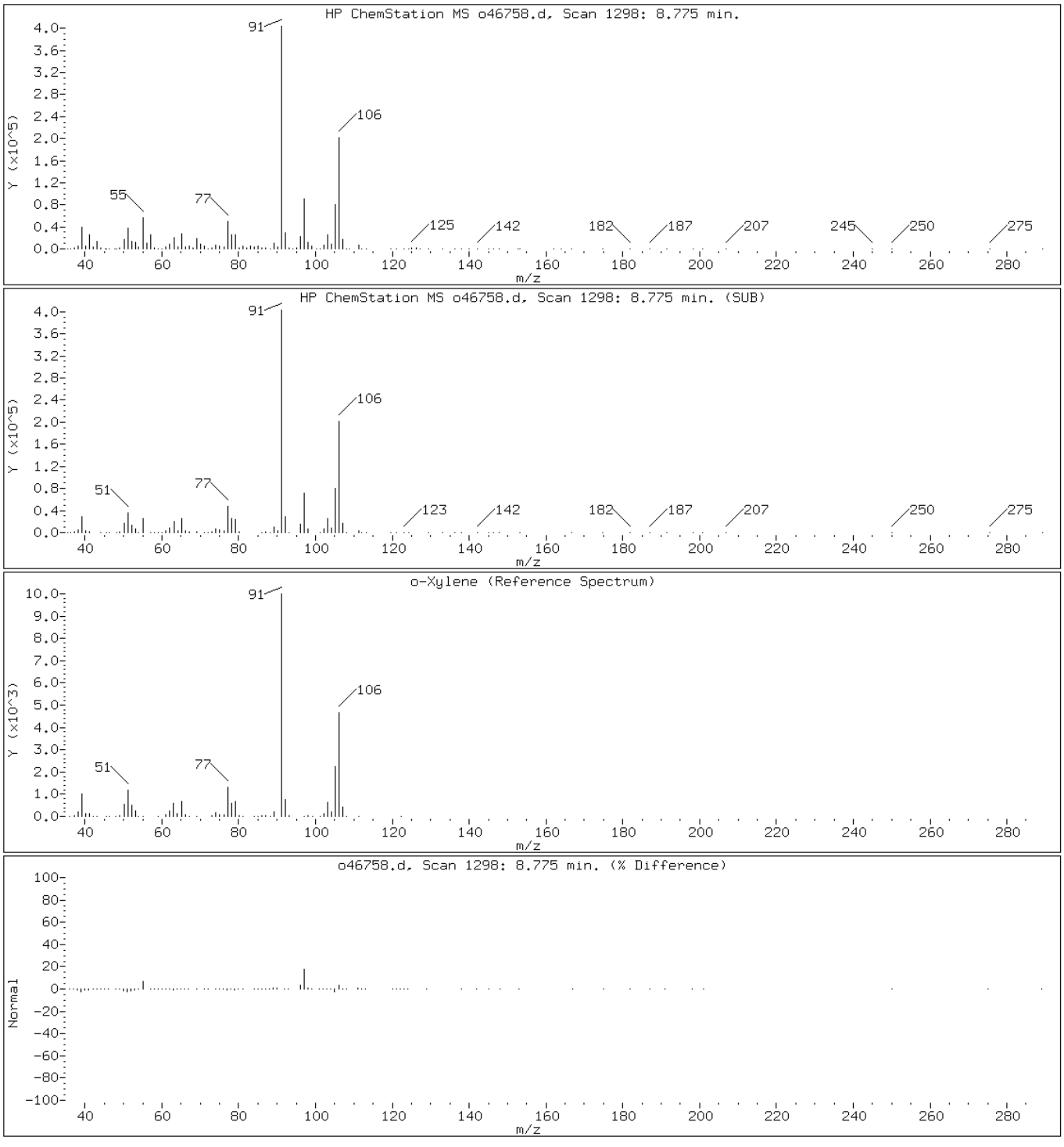
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

44 o-Xylene



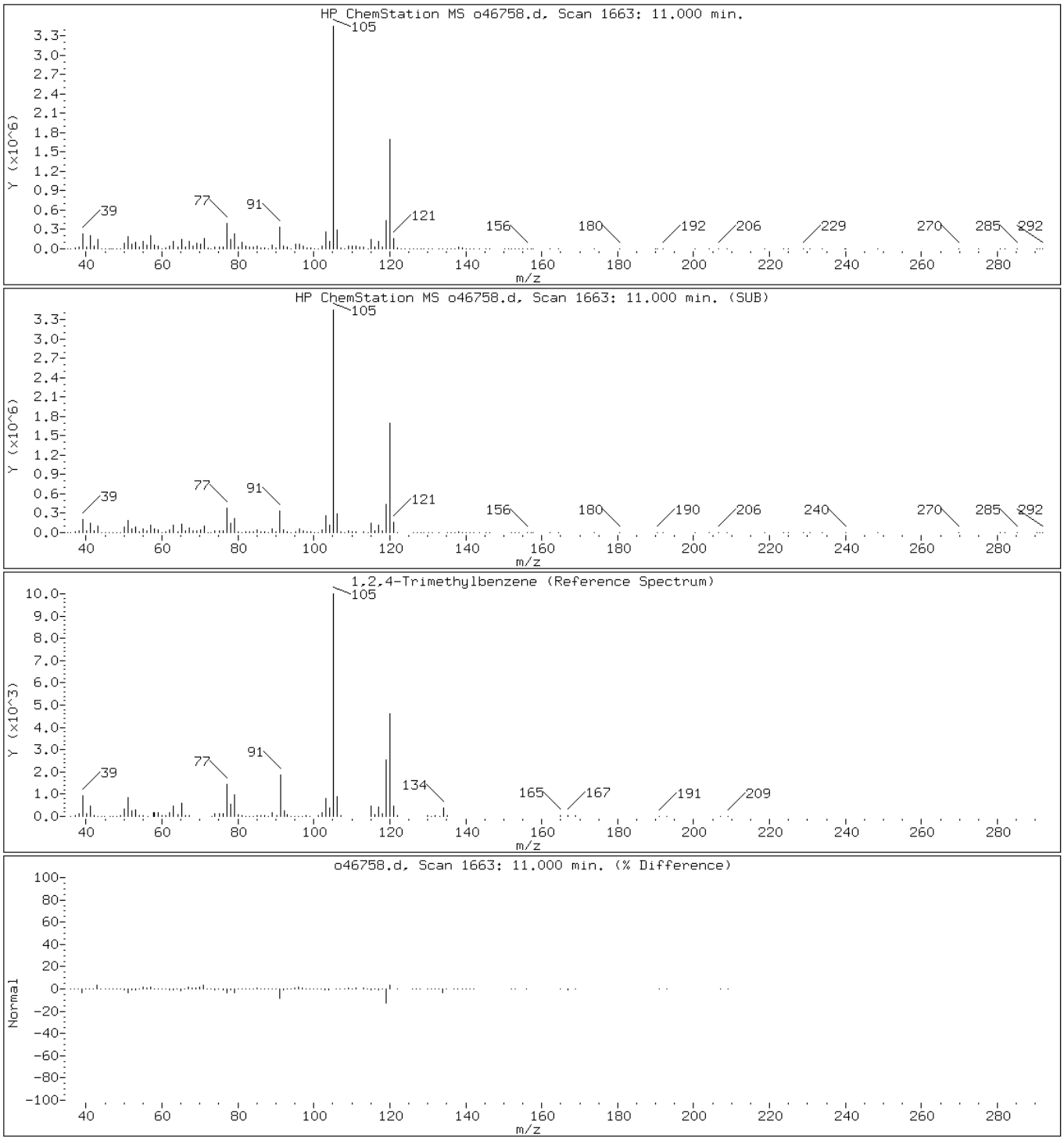
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

100 1,2,4-Trimethylbenzene



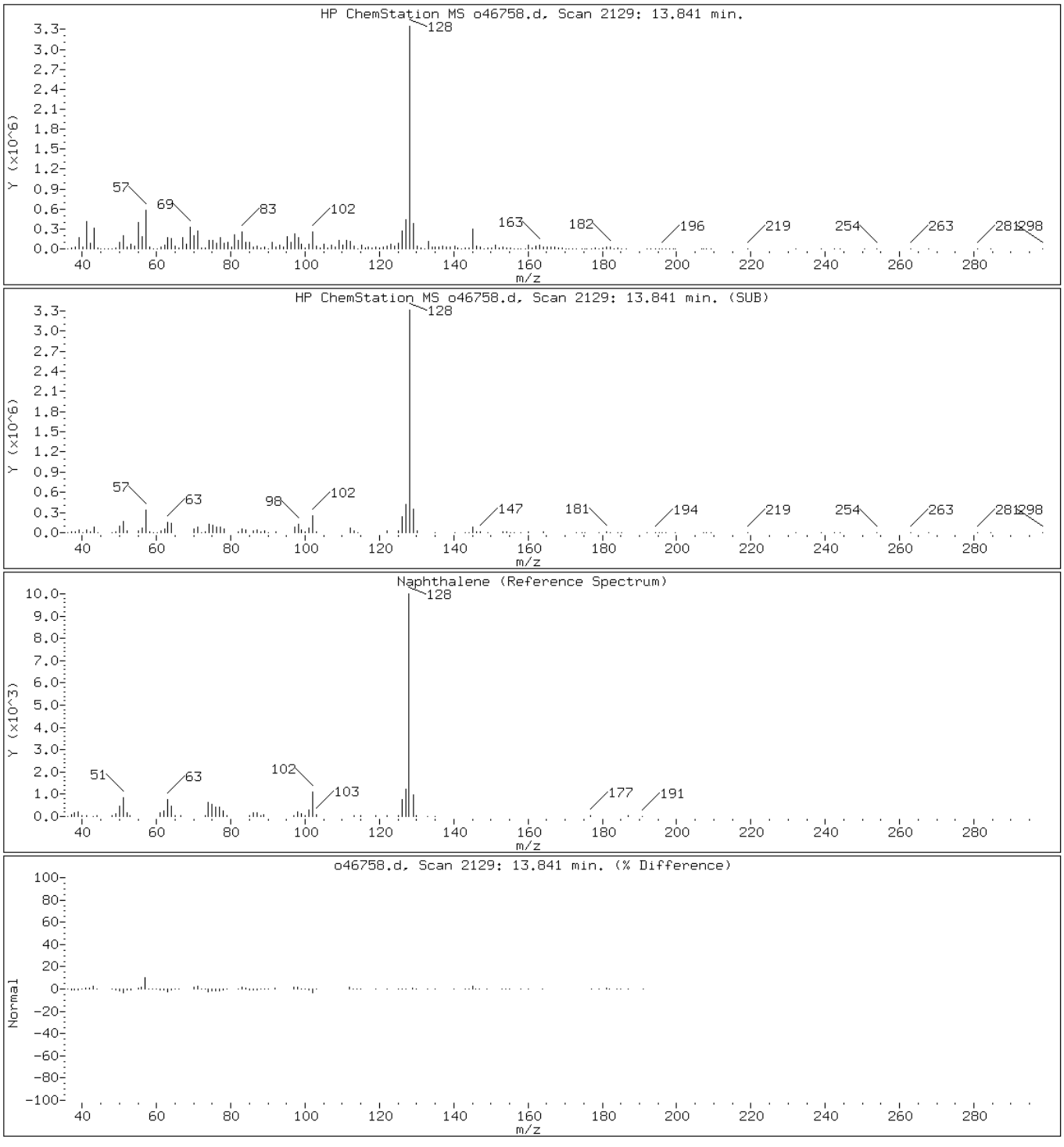
Data File: o46758.d

Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

70 Naphthalene



Data File: o46758.d

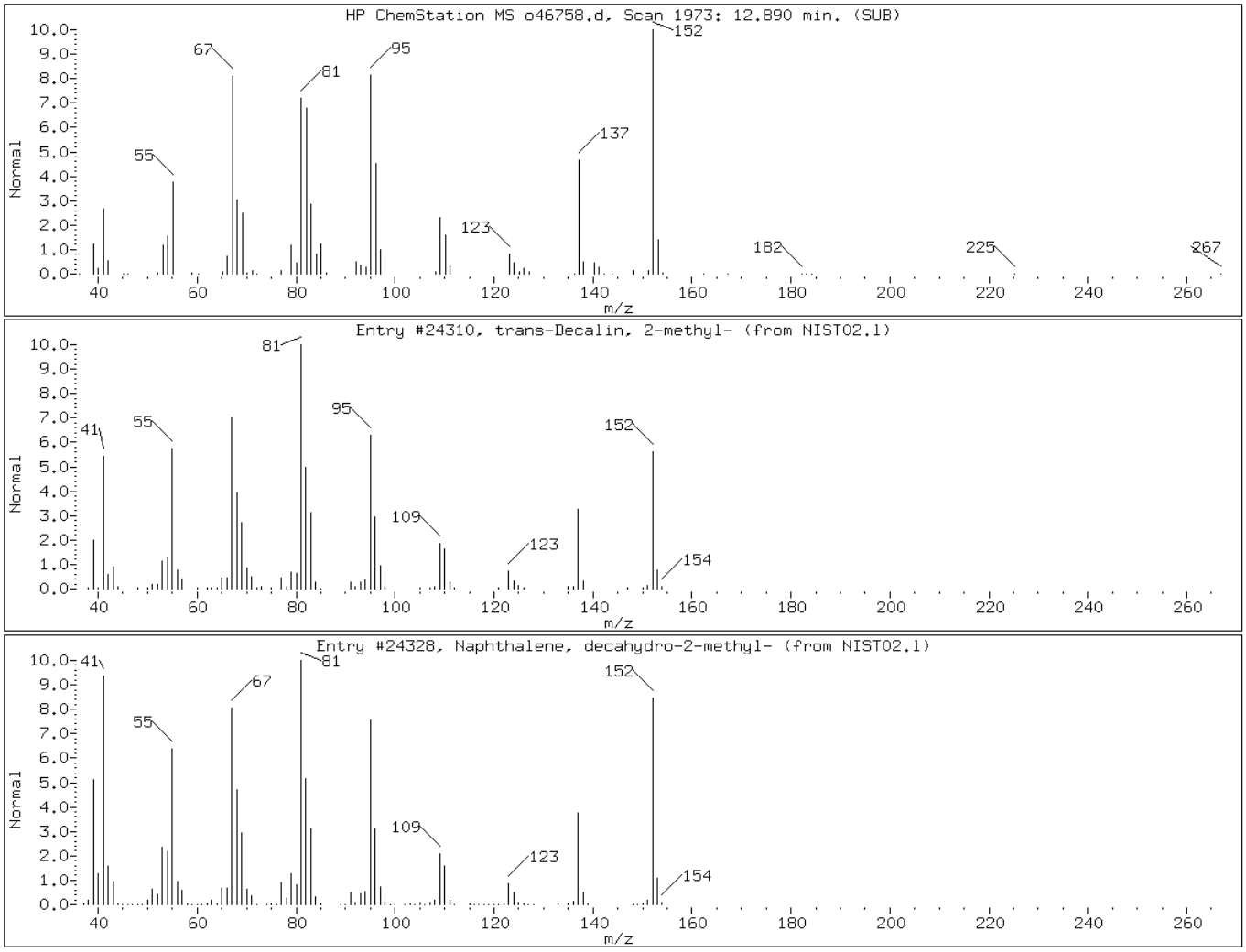
Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	83	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	76	C11H20	152



Data File: o46758.d

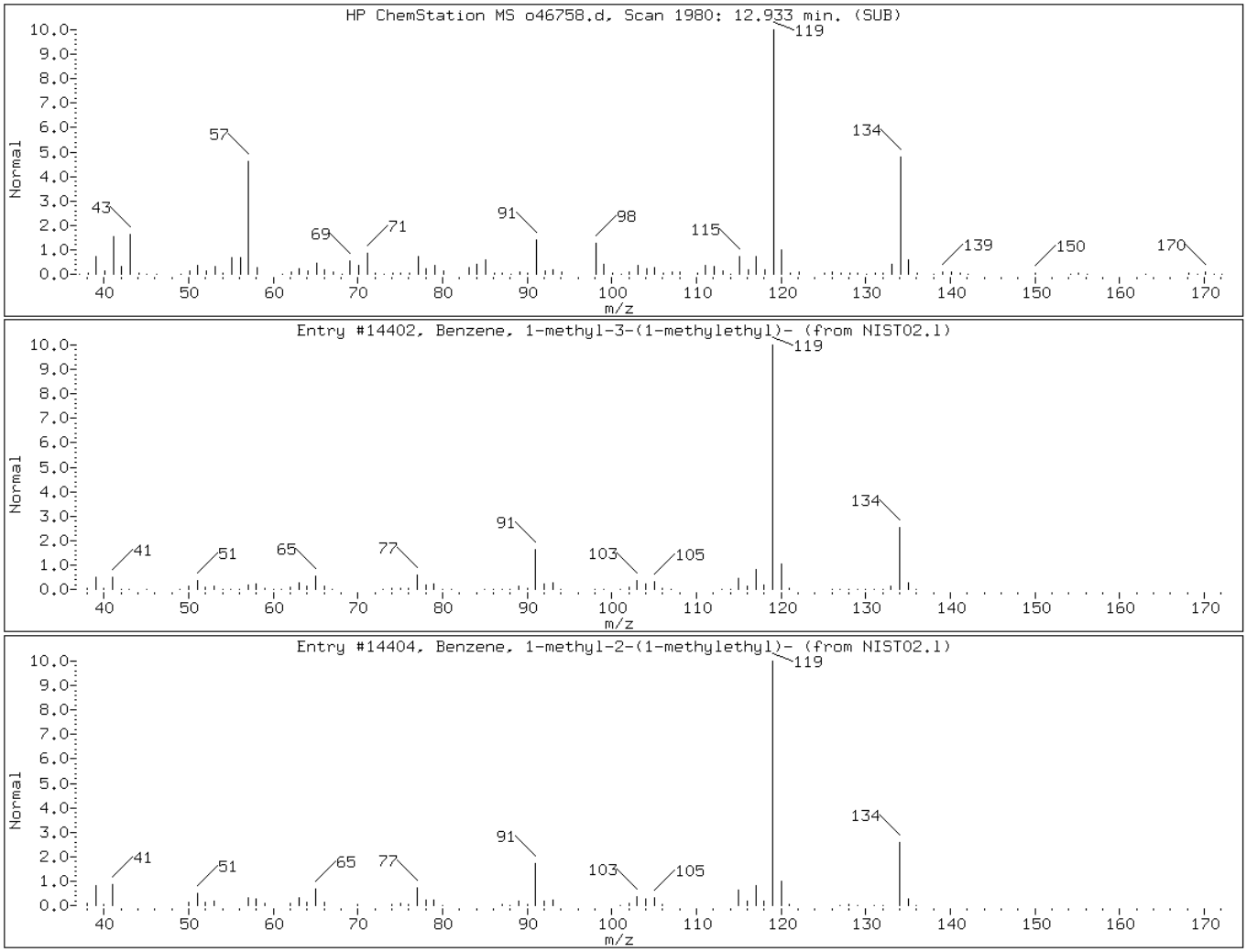
Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

Retention Time: 12.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyl-methylethylbenzene isomer						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	94	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	93	C10H14	134



Data File: o46758.d

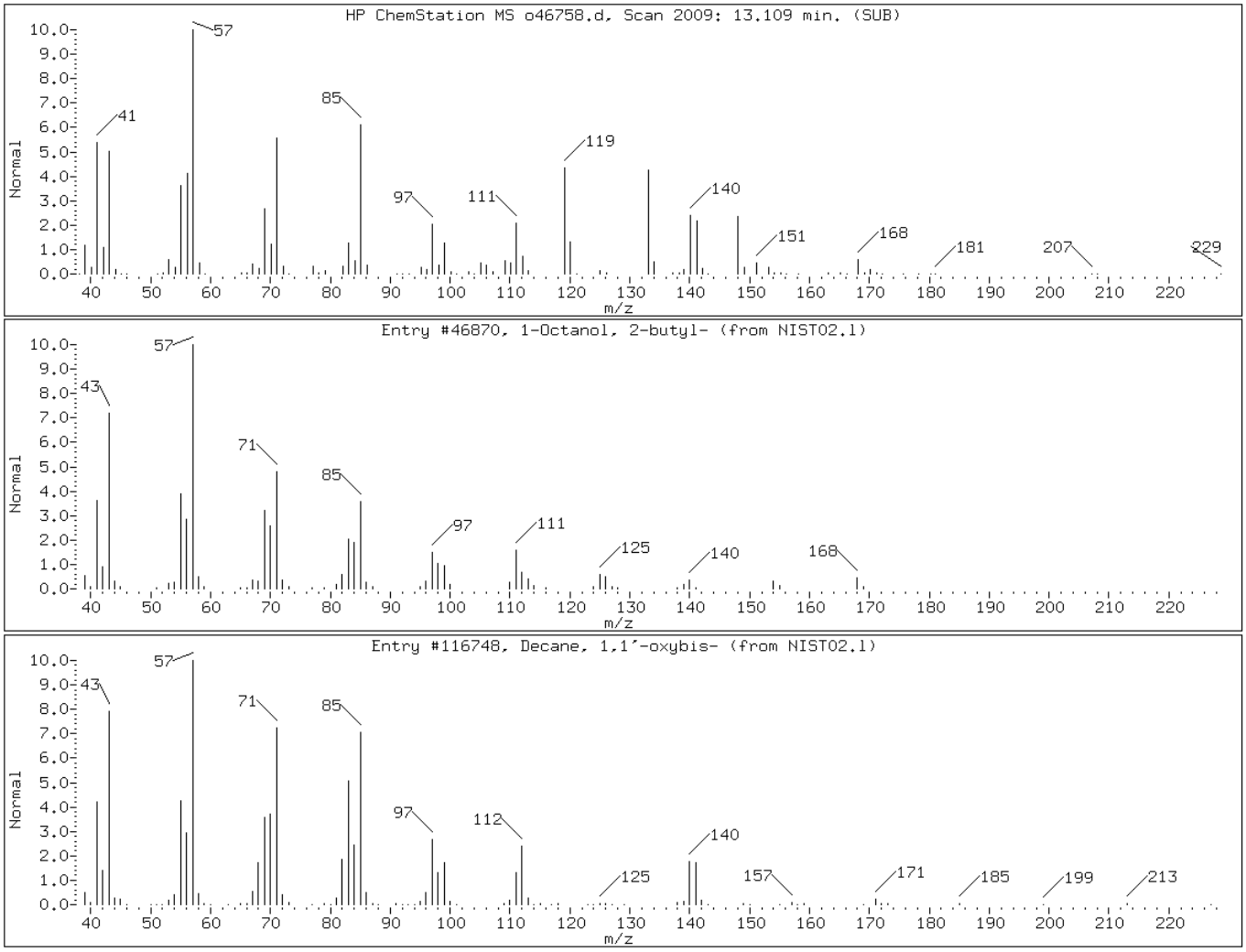
Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

Retention Time: 13.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Octanol, 2-butyl-	3913-02-8	NIST02.l	46870	35	C12H26O	186
Decane, 1,1'-oxybis-	2456-28-2	NIST02.l	116748	35	C20H42O	298



Data File: o46758.d

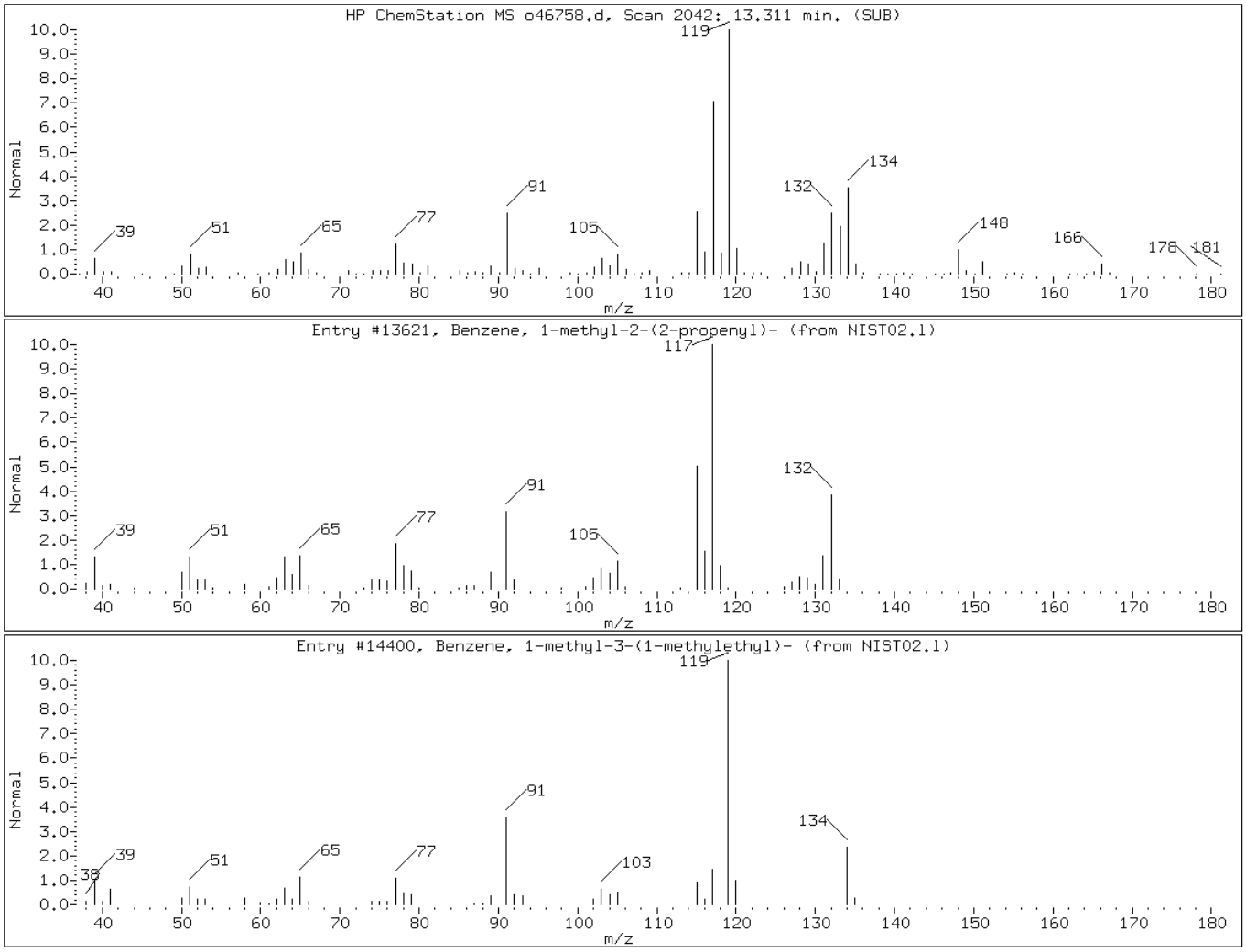
Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

Retention Time: 13.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13621	81	C10H12	132
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14400	50	C10H14	134



Data File: o46758.d

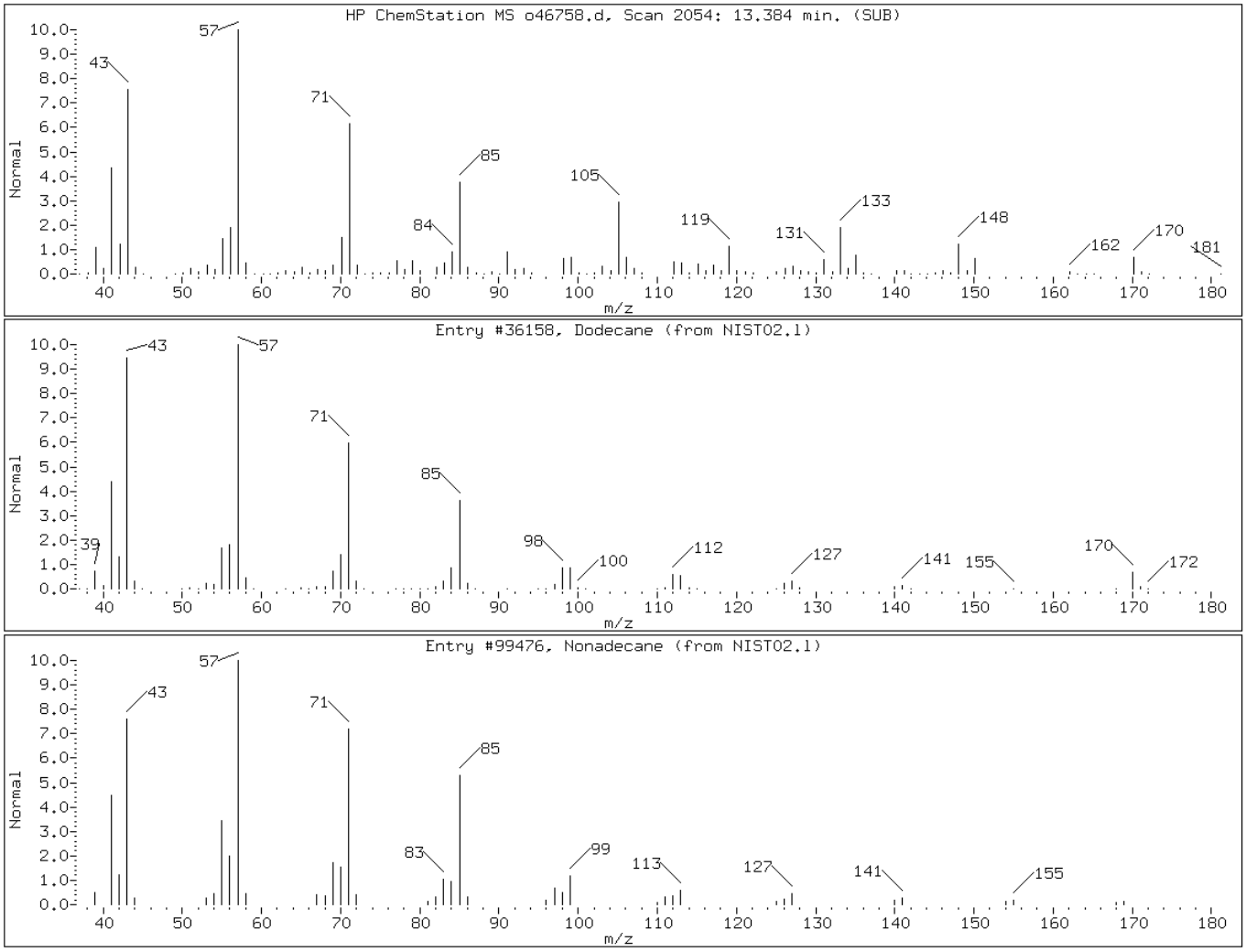
Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

Retention Time: 13.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36158	96	C12H26	170
Nonadecane	629-92-5	NIST02.l	99476	49	C19H40	268



Data File: o46758.d

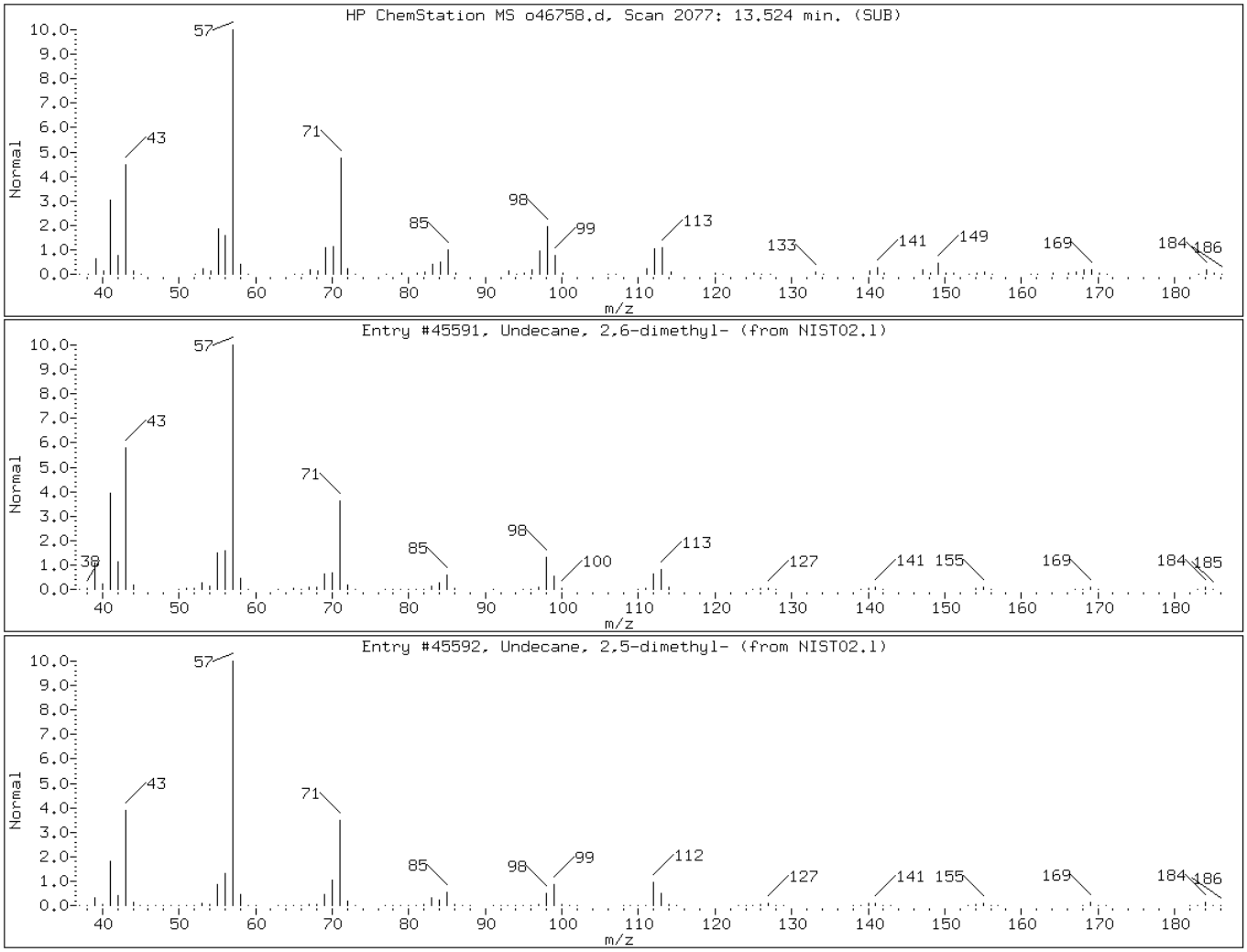
Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

Retention Time: 13.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	93	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	55	C13H28	184



Data File: o46758.d

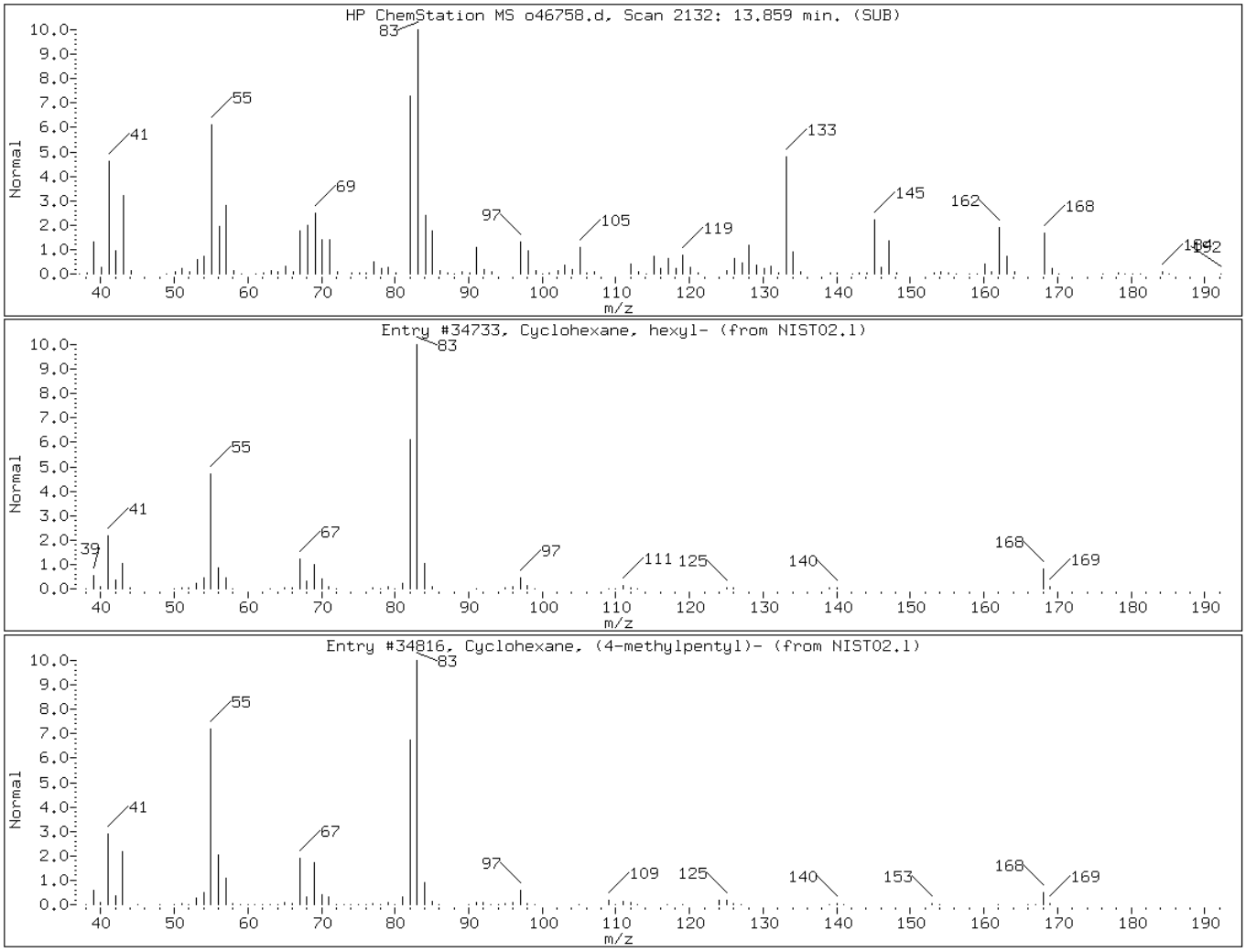
Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

Retention Time: 13.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H24 Cycloalkane						
Cyclohexane, hexyl-	4292-75-5	NIST02.l	34733	38	C12H24	168
Cyclohexane, (4-methylpentyl)-	61142-20-9	NIST02.l	34816	38	C12H24	168



Data File: o46758.d

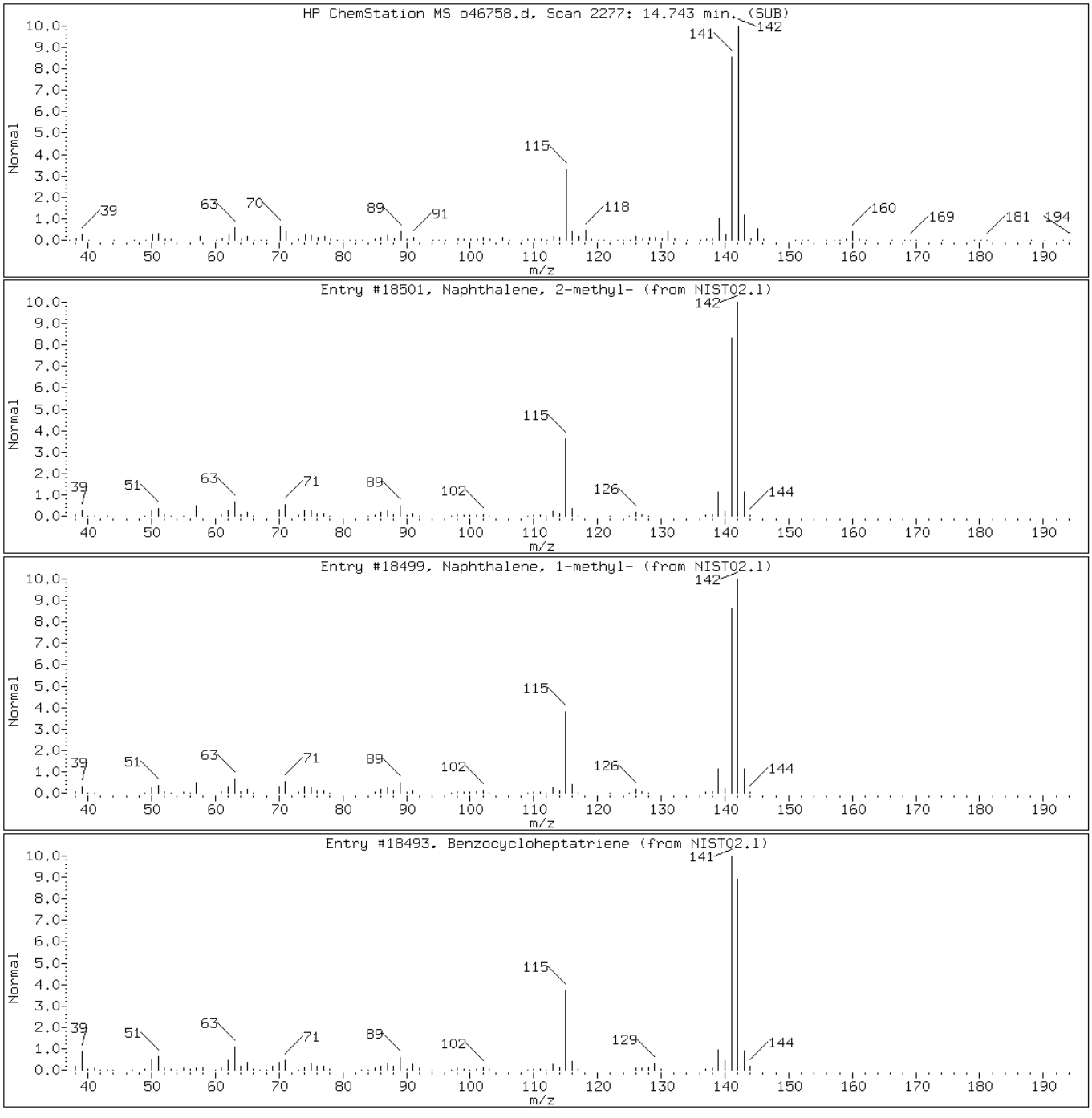
Date: 30-MAR-2011 08:14

Client ID: PMP-6-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24279-D-3-A;;;9.91;5 Operator: VOAMS 9

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18493	90	C11H10	142



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-4

Matrix: Solid | Lab File ID: o46715.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:05

Sample wt/vol: 5.69(g) | Date Analyzed: 03/29/2011 01:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.92	U	0.92	0.58
74-83-9	Bromomethane	0.92	U	0.92	0.38
75-01-4	Vinyl chloride	0.92	U	0.92	0.22
75-00-3	Chloroethane	0.92	U	0.92	0.37
75-09-2	Methylene Chloride	0.92	U	0.92	0.43
67-64-1	Acetone	14	B	9.2	3.4
75-15-0	Carbon disulfide	0.92	U	0.92	0.43
75-69-4	Trichlorofluoromethane	0.92	U	0.92	0.24
75-35-4	1,1-Dichloroethene	0.92	U	0.92	0.34
75-34-3	1,1-Dichloroethane	0.92	U	0.92	0.23
156-60-5	trans-1,2-Dichloroethene	0.92	U	0.92	0.26
156-59-2	cis-1,2-Dichloroethene	3.0		0.92	0.22
67-66-3	Chloroform	0.92	U	0.92	0.22
78-93-3	2-Butanone	9.2	U	9.2	0.52
107-06-2	1,2-Dichloroethane	0.92	U	0.92	0.36
71-55-6	1,1,1-Trichloroethane	0.92	U	0.92	0.17
56-23-5	Carbon tetrachloride	0.92	U	0.92	0.093
71-43-2	Benzene	0.92	U	0.92	0.68
75-25-2	Bromoform	0.92	U	0.92	0.65
100-42-5	Styrene	0.92	U	0.92	0.32
100-41-4	Ethylbenzene	0.92	U	0.92	0.18
108-90-7	Chlorobenzene	0.92	U	0.92	0.44
110-82-7	Cyclohexane	0.92	U	0.92	0.20
98-82-8	Isopropylbenzene	0.92	U	0.92	0.24
591-78-6	2-Hexanone	9.2	U	9.2	1.5
1634-04-4	MTBE	0.92	U	0.92	0.32
76-13-1	Freon TF	0.92	U	0.92	0.44
79-20-9	Methyl acetate	0.92	U	0.92	0.83
123-91-1	1,4-Dioxane	46	U	46	3.8
79-01-6	Trichloroethene	3.1		0.92	0.33
108-88-3	Toluene	0.92	U	0.92	0.28
10061-02-6	trans-1,3-Dichloropropene	0.92	U	0.92	0.20
108-10-1	4-Methyl-2-pentanone	9.2	U	9.2	0.66
10061-01-5	cis-1,3-Dichloropropene	0.92	U	0.92	0.19
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	0.59
541-73-1	1,3-Dichlorobenzene	0.92	U	0.92	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-4

Matrix: Solid | Lab File ID: o46715.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:05

Sample wt/vol: 5.69(g) | Date Analyzed: 03/29/2011 01:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.92	U	0.92	0.66
120-82-1	1,2,4-Trichlorobenzene	0.92	U	0.92	0.49
87-61-6	1,2,3-Trichlorobenzene	0.92	U	0.92	0.60
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.29
108-87-2	Methylcyclohexane	0.92	U	0.92	0.25
127-18-4	Tetrachloroethene	0.64	J	0.92	0.30
1330-20-7	Xylenes, Total	2.8	U	2.8	0.72
96-12-8	1,2-Dibromo-3-Chloropropane	0.92	U	0.92	0.56
79-34-5	1,1,2,2-Tetrachloroethane	0.92	U	0.92	0.70
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	0.55
124-48-1	Dibromochloromethane	0.92	U	0.92	0.52
106-93-4	1,2-Dibromoethane	0.92	U	0.92	0.48
75-71-8	Dichlorodifluoromethane	0.92	U	0.92	0.38
74-97-5	Bromochloromethane	0.92	U	0.92	0.25
75-27-4	Bromodichloromethane	0.92	U	0.92	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-138
2037-26-5	Toluene-d8 (Surr)	89		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-4

Matrix: Solid | Lab File ID: o46715.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:05

Sample wt/vol: 5.69(g) | Date Analyzed: 03/29/2011 01:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46715.d
Report Date: 30-Mar-2011 12:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46715.d
Lab Smp Id: 460-24279-D-4-A Client Smp ID: PMP3-VD-E (3.5-4.0)
Inj Date : 29-MAR-2011 01:43
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24279-D-4-A;;;5.69;5
Misc Info : 460-24279-D-4-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.69000	Weight of sample extracted (g)
M	4.68354	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				19532	3.22872	3.0
	7 Acetone	43	1.807	1.813	(0.447)	11623	14.8572	14
	13 cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	19532	3.22872	3.0
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	151170	45.0134	41
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	913353	50.0000	
	25 Trichloroethene	95	4.410	4.410	(1.092)	19554	3.38651	3.1
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	677362	44.2855	41
	35 Tetrachloroethene	166	6.586	6.599	(0.849)	4938	0.69688	0.64(a)
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	664107	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	268055	46.4059	43
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.476	(1.000)	387975	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46715.d
Report Date: 30-Mar-2011 12:32

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46715.d
Report Date: 30-Mar-2011 12:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46715.d
Lab Smp Id: 460-24279-D-4-A Client Smp ID: PMP3-VD-E (3.5-4.0)
Inj Date : 29-MAR-2011 01:43
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24279-D-4-A;;;5.69;5
Misc Info : 460-24279-D-4-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

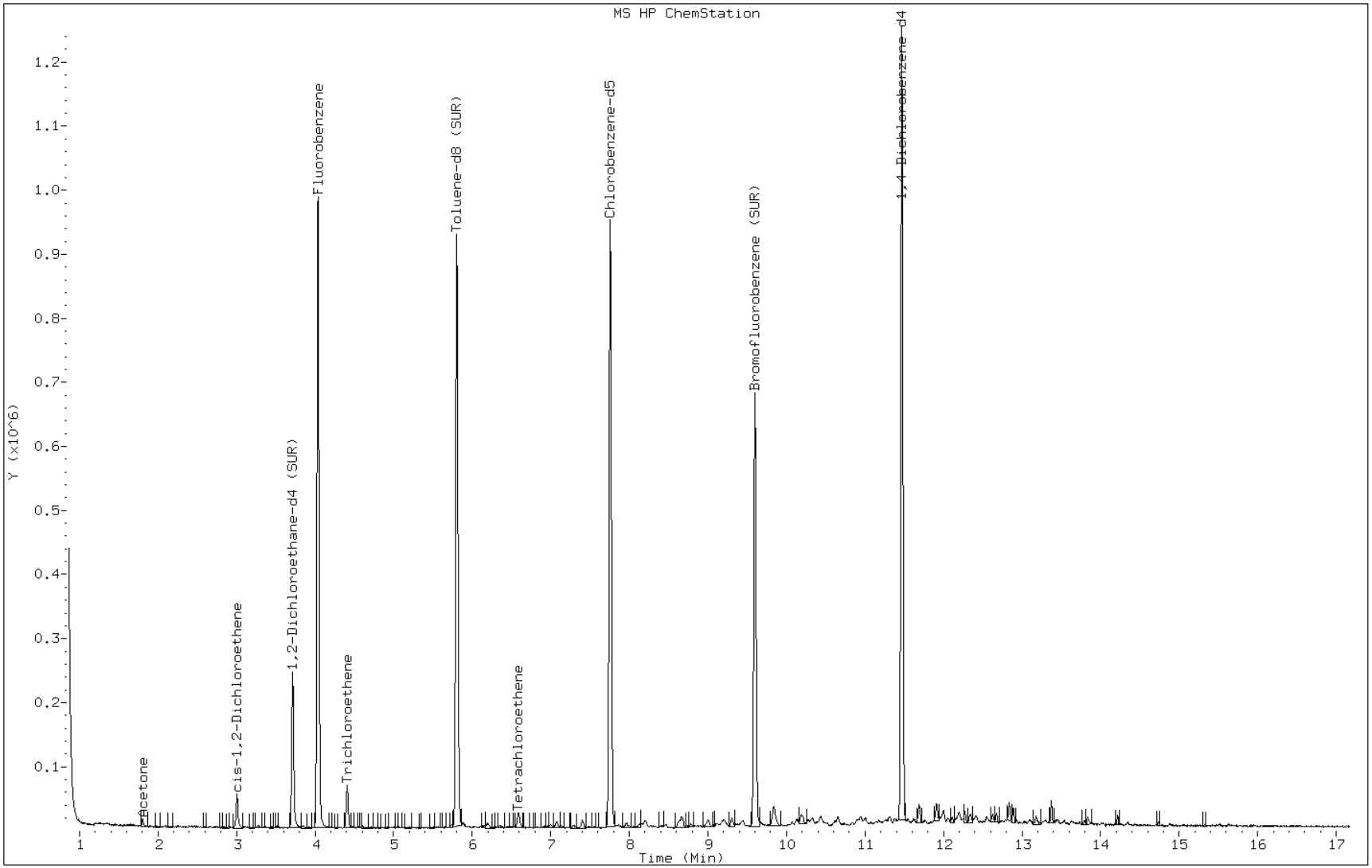
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46715.d

Date: 29-MAR-2011 01:43

Client ID: PMP3-VD-E (3.5-4.0) Instrument: VOAMS12.i

Sample Info: 460-24279-D-4-A;;;5.69;5 Operator: VOAMS 9



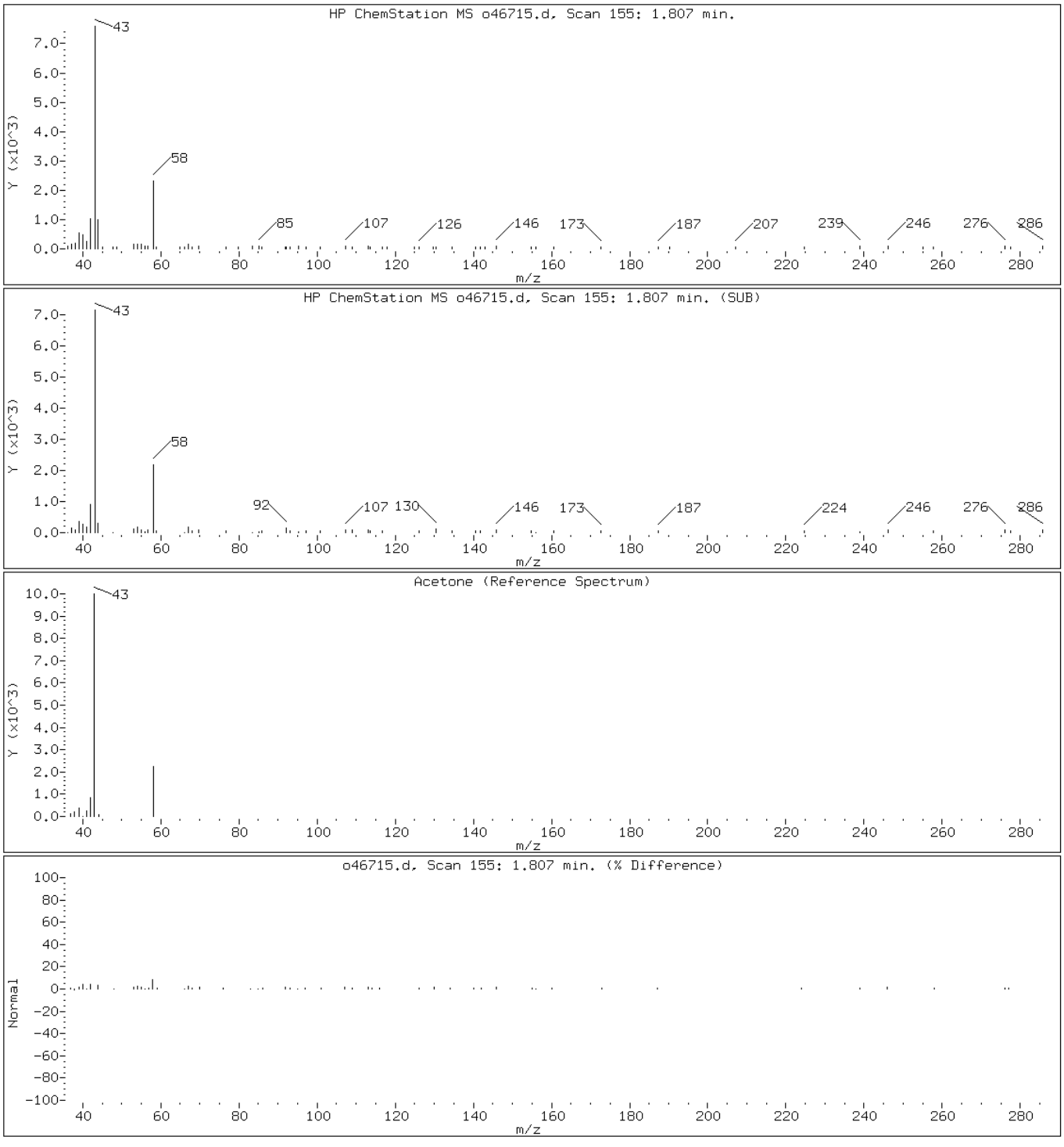
Data File: o46715.d

Date: 29-MAR-2011 01:43

Client ID: PMP3-VD-E (3.5-4.0) Instrument: VOAMS12.i

Sample Info: 460-24279-D-4-A;;;5.69;5 Operator: VOAMS 9

7 Acetone



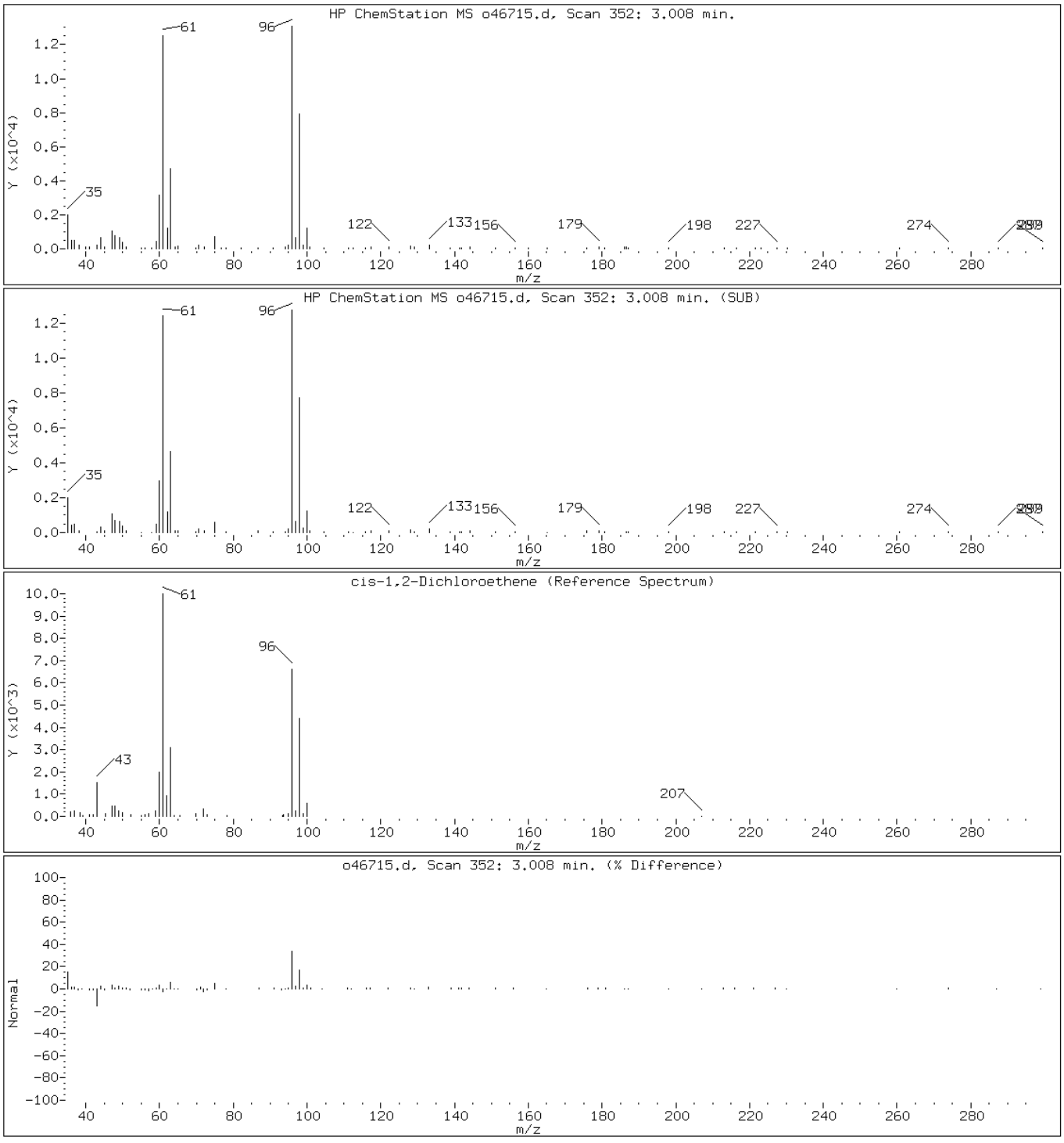
Data File: o46715.d

Date: 29-MAR-2011 01:43

Client ID: PMP3-VD-E (3.5-4.0) Instrument: VOAMS12.i

Sample Info: 460-24279-D-4-A;;;5.69;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



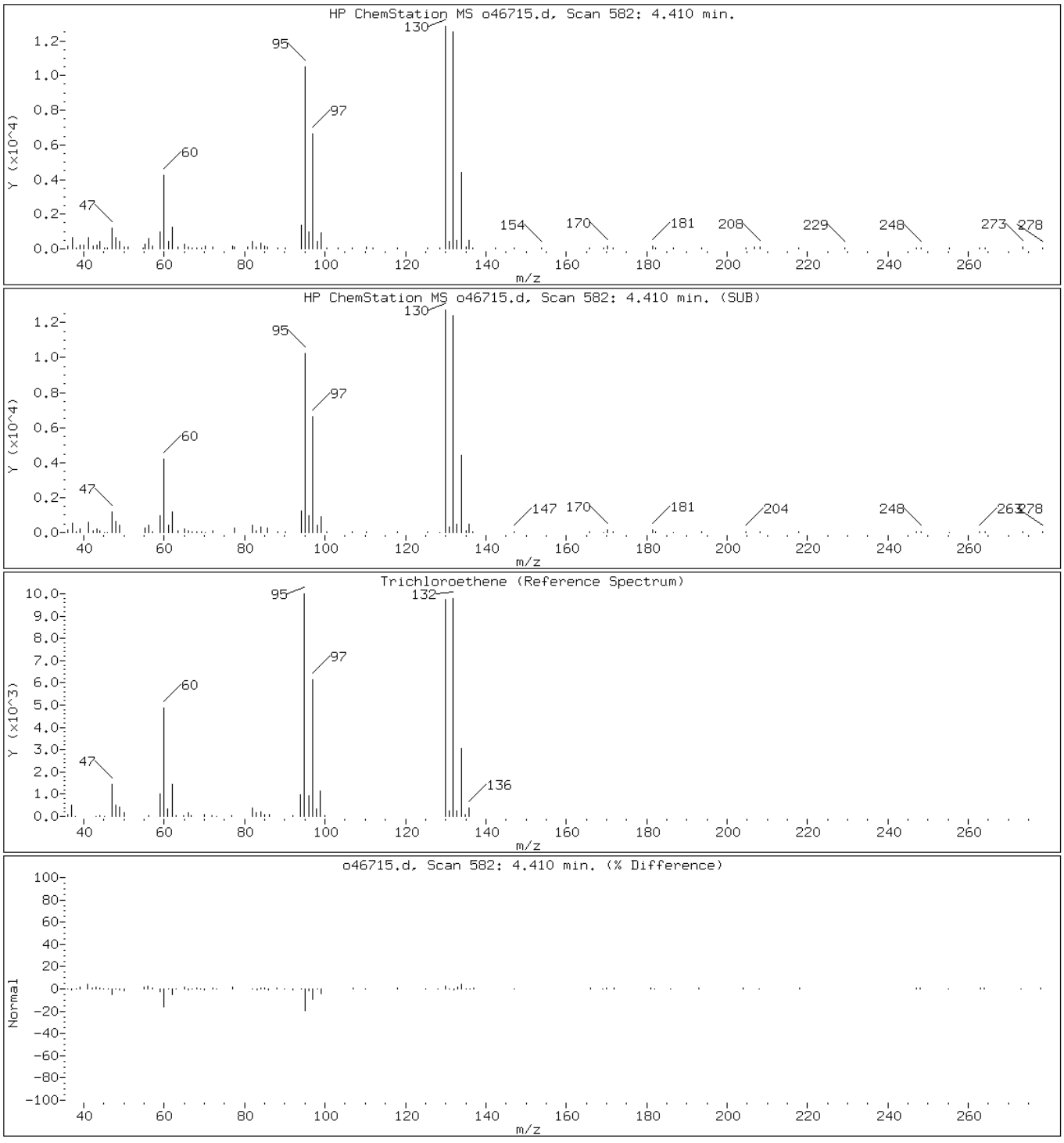
Data File: o46715.d

Date: 29-MAR-2011 01:43

Client ID: PMP3-VD-E (3.5-4.0) Instrument: VOAMS12.i

Sample Info: 460-24279-D-4-A;;;5.69;5 Operator: VOAMS 9

25 Trichloroethene



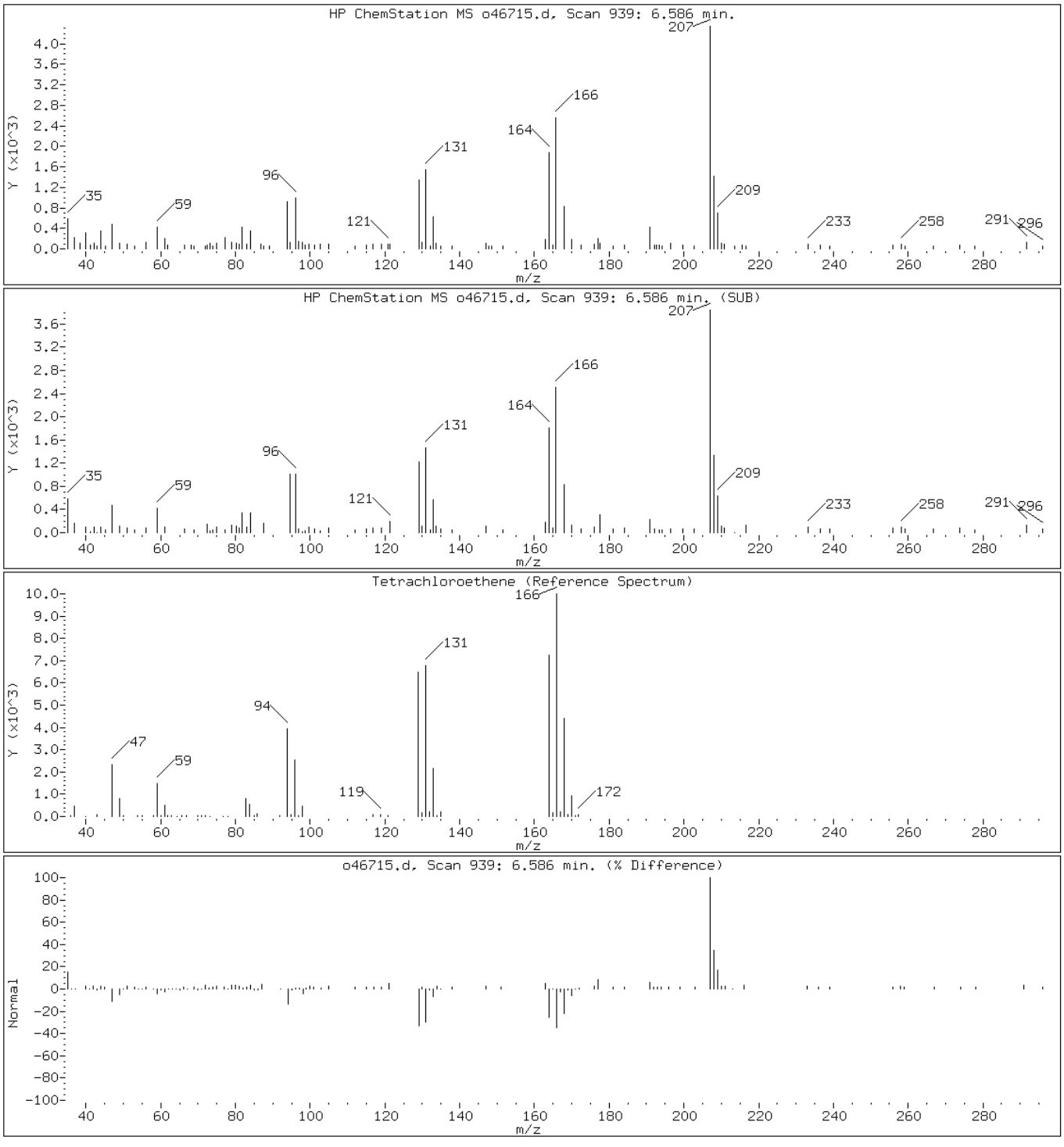
Data File: o46715.d

Date: 29-MAR-2011 01:43

Client ID: PMP3-VD-E (3.5-4.0) Instrument: VOAMS12.i

Sample Info: 460-24279-D-4-A;;;5.69;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) | Lab Sample ID: 460-24279-5

Matrix: Solid | Lab File ID: o46757.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:10

Sample wt/vol: 5.42(g) | Date Analyzed: 03/30/2011 07:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.9 | Level: (low/med) Low

Analysis Batch No.: 68929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.66
74-83-9	Bromomethane	1.0	U	1.0	0.43
75-01-4	Vinyl chloride	1.0	U	1.0	0.24
75-00-3	Chloroethane	1.0	U	1.0	0.42
75-09-2	Methylene Chloride	1.0	U	1.0	0.49
67-64-1	Acetone	15		10	3.9
75-15-0	Carbon disulfide	1.0	U	1.0	0.49
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.39
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.30
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.25
67-66-3	Chloroform	0.50	J	1.0	0.25
78-93-3	2-Butanone	10	U	10	0.60
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.41
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.20
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.11
71-43-2	Benzene	1.0	U	1.0	0.77
75-25-2	Bromoform	1.0	U	1.0	0.73
100-42-5	Styrene	1.0	U	1.0	0.36
100-41-4	Ethylbenzene	1.0	U	1.0	0.20
108-90-7	Chlorobenzene	1.0	U	1.0	0.50
110-82-7	Cyclohexane	1.0	U	1.0	0.23
98-82-8	Isopropylbenzene	1.0	U	1.0	0.27
591-78-6	2-Hexanone	10	U	10	1.8
1634-04-4	MTBE	1.0	U	1.0	0.36
76-13-1	Freon TF	1.0	U	1.0	0.50
79-20-9	Methyl acetate	1.0	U	1.0	0.94
123-91-1	1,4-Dioxane	52	U	52	4.3
79-01-6	Trichloroethene	1.0	U	1.0	0.38
108-88-3	Toluene	1.0	U	1.0	0.31
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.23
108-10-1	4-Methyl-2-pentanone	10	U	10	0.75
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.21
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.67
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) | Lab Sample ID: 460-24279-5

Matrix: Solid | Lab File ID: o46757.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:10

Sample wt/vol: 5.42(g) | Date Analyzed: 03/30/2011 07:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.9 | Level: (low/med) Low

Analysis Batch No.: 68929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.74
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.56
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.68
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.33
108-87-2	Methylcyclohexane	1.0	U	1.0	0.29
127-18-4	Tetrachloroethene	1.0	U	1.0	0.35
1330-20-7	Xylenes, Total	3.1	U	3.1	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.80
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.62
124-48-1	Dibromochloromethane	1.0	U	1.0	0.59
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.54
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.43
74-97-5	Bromochloromethane	1.0	U	1.0	0.28
75-27-4	Bromodichloromethane	1.0	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-138
2037-26-5	Toluene-d8 (Surr)	81		66-126
460-00-4	Bromofluorobenzene	92		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) Lab Sample ID: 460-24279-5

Matrix: Solid Lab File ID: o46757.d

Analysis Method: 8260B Date Collected: 03/17/2011 13:10

Sample wt/vol: 5.42(g) Date Analyzed: 03/30/2011 07:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.9 Level: (low/med) Low

Analysis Batch No.: 68929 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46757.d
Report Date: 30-Mar-2011 12:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46757.d
Lab Smp Id: 460-24279-D-5-A Client Smp ID: PMP-3-WT-E (8.0-8.5
Inj Date : 30-MAR-2011 07:49
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24279-D-5-A;;;5.42;5
Misc Info : 460-24279-D-5-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/8260L_10.m
Meth Date : 30-Mar-2011 05:00 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.42000	Weight of sample extracted (g)
M	11.88119	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7 Acetone	43	1.807	1.807	(0.448)	10572	14.5298	15
15 Chloroform	83	3.276	3.270	(0.812)	4064	0.47992	0.50(a)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	143216	45.8515	48
* 69 Fluorobenzene	96	4.032	4.032	(1.000)	849480	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.800	5.800	(0.748)	631976	40.6008	42
* 32 Chlorobenzene-d5	117	7.751	7.751	(1.000)	675841	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.598	9.598	(0.837)	273834	46.2040	48
* 91 1,4-Dichlorobenzene-d4	152	11.463	11.463	(1.000)	398071	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46757.d
Report Date: 30-Mar-2011 12:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46757.d
Lab Smp Id: 460-24279-D-5-A Client Smp ID: PMP-3-WT-E (8.0-8.5
Inj Date : 30-MAR-2011 07:49
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24279-D-5-A;;;5.42;5
Misc Info : 460-24279-D-5-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/8260L_10.m
Meth Date : 30-Mar-2011 05:00 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

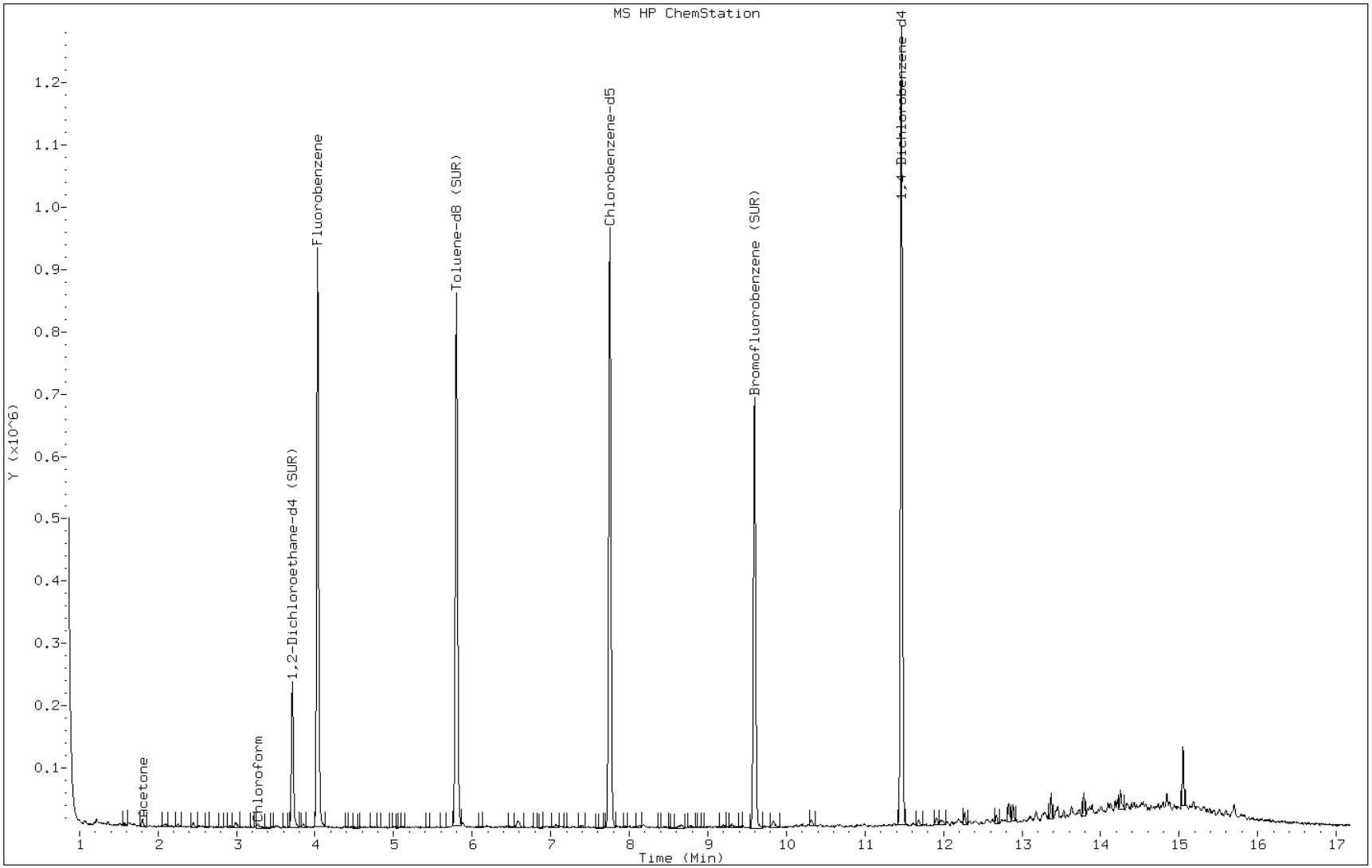
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46757.d

Date: 30-MAR-2011 07:49

Client ID: PMP-3-WT-E (8.0-8.5 Instrument: VOAMS12.i

Sample Info: 460-24279-D-5-A;;;5.42;5 Operator: VOAMS 9



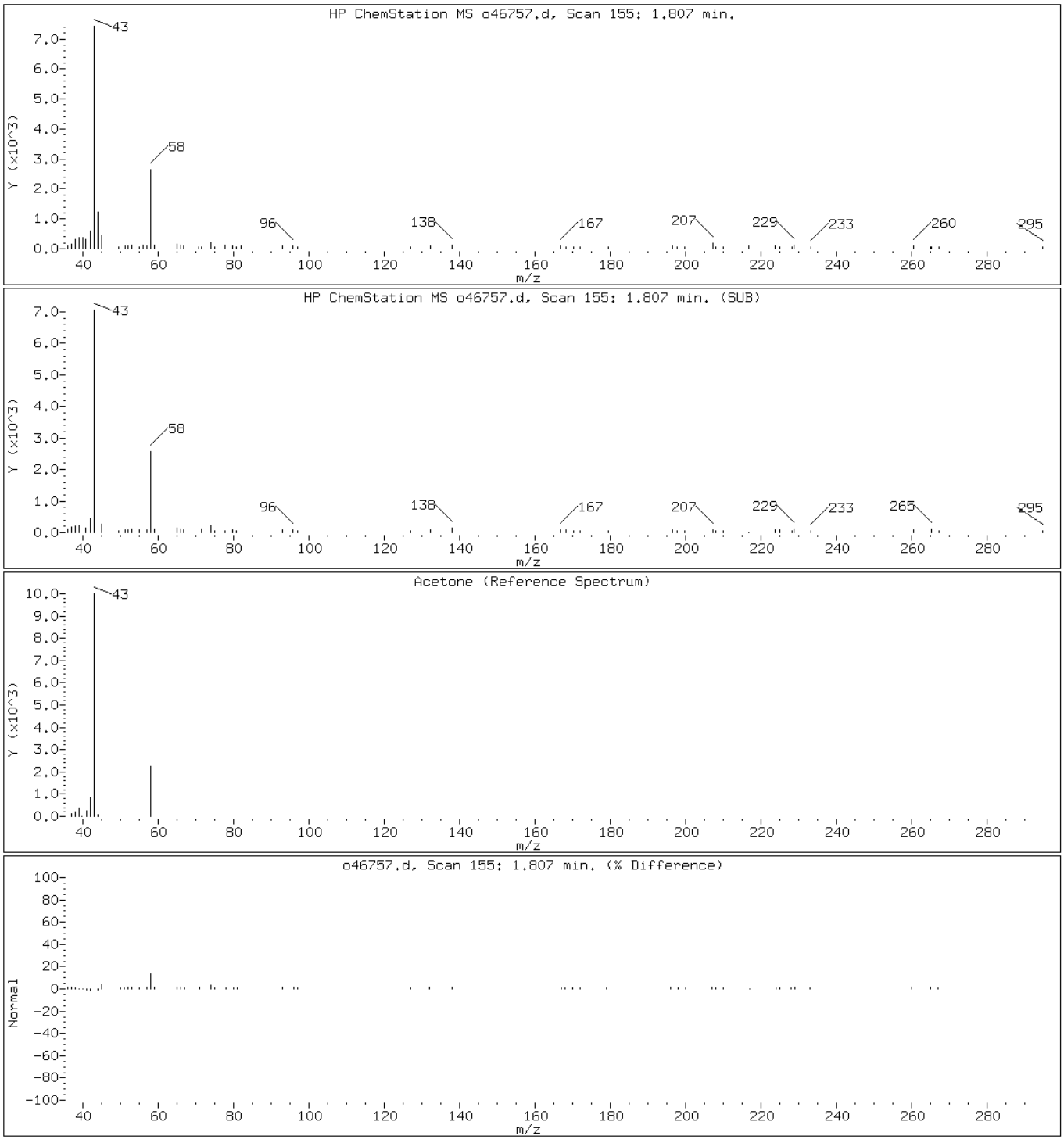
Data File: o46757.d

Date: 30-MAR-2011 07:49

Client ID: PMP-3-WT-E (8.0-8.5 Instrument: VOAMS12.i

Sample Info: 460-24279-D-5-A;;;5.42;5 Operator: VOAMS 9

7 Acetone



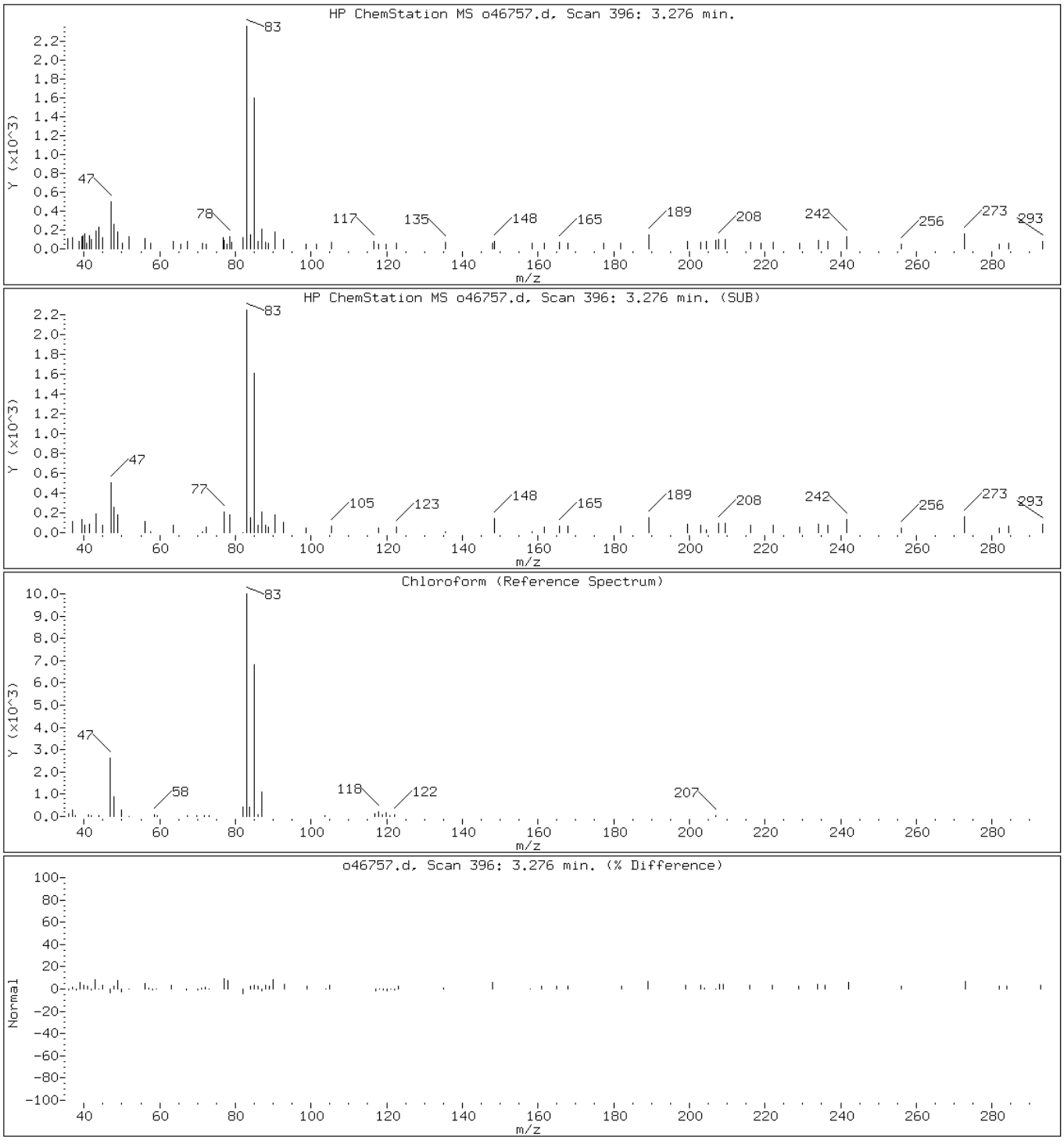
Data File: o46757.d

Date: 30-MAR-2011 07:49

Client ID: PMP-3-WT-E (8.0-8.5 Instrument: VOAMS12.i

Sample Info: 460-24279-D-5-A;;;5.42;5 Operator: VOAMS 9

15 Chloroform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) | Lab Sample ID: 460-24279-6

Matrix: Solid | Lab File ID: o46717.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:15

Sample wt/vol: 10.73(g) | Date Analyzed: 03/29/2011 02:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.1 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.54	U	0.54	0.34
74-83-9	Bromomethane	0.54	U	0.54	0.22
75-01-4	Vinyl chloride	0.54	U	0.54	0.13
75-00-3	Chloroethane	0.54	U	0.54	0.21
75-09-2	Methylene Chloride	0.54	U	0.54	0.25
67-64-1	Acetone	7.0	B	5.4	2.0
75-15-0	Carbon disulfide	0.54	U	0.54	0.25
75-69-4	Trichlorofluoromethane	0.54	U	0.54	0.14
75-35-4	1,1-Dichloroethene	0.54	U	0.54	0.20
75-34-3	1,1-Dichloroethane	0.54	U	0.54	0.14
156-60-5	trans-1,2-Dichloroethene	0.54	U	0.54	0.15
156-59-2	cis-1,2-Dichloroethene	0.54	U	0.54	0.13
67-66-3	Chloroform	0.58		0.54	0.13
78-93-3	2-Butanone	5.4	U	5.4	0.31
107-06-2	1,2-Dichloroethane	0.54	U	0.54	0.21
71-55-6	1,1,1-Trichloroethane	0.54	U	0.54	0.10
56-23-5	Carbon tetrachloride	0.54	U	0.54	0.054
71-43-2	Benzene	0.54	U	0.54	0.40
75-25-2	Bromoform	0.54	U	0.54	0.38
100-42-5	Styrene	0.54	U	0.54	0.19
100-41-4	Ethylbenzene	0.54	U	0.54	0.10
108-90-7	Chlorobenzene	0.54	U	0.54	0.26
110-82-7	Cyclohexane	0.54	U	0.54	0.12
98-82-8	Isopropylbenzene	0.54	U	0.54	0.14
591-78-6	2-Hexanone	5.4	U	5.4	0.90
1634-04-4	MTBE	0.54	U	0.54	0.18
76-13-1	Freon TF	0.54	U	0.54	0.26
79-20-9	Methyl acetate	0.54	U	0.54	0.48
123-91-1	1,4-Dioxane	27	U	27	2.2
79-01-6	Trichloroethene	0.54	U	0.54	0.19
108-88-3	Toluene	0.54	U	0.54	0.16
10061-02-6	trans-1,3-Dichloropropene	0.54	U	0.54	0.12
108-10-1	4-Methyl-2-pentanone	5.4	U	5.4	0.38
10061-01-5	cis-1,3-Dichloropropene	0.54	U	0.54	0.11
95-50-1	1,2-Dichlorobenzene	0.54	U	0.54	0.34
541-73-1	1,3-Dichlorobenzene	0.54	U	0.54	0.26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) | Lab Sample ID: 460-24279-6

Matrix: Solid | Lab File ID: o46717.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:15

Sample wt/vol: 10.73(g) | Date Analyzed: 03/29/2011 02:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.1 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.54	U	0.54	0.38
120-82-1	1,2,4-Trichlorobenzene	0.54	U	0.54	0.29
87-61-6	1,2,3-Trichlorobenzene	0.54	U	0.54	0.35
78-87-5	1,2-Dichloropropane	0.54	U	0.54	0.17
108-87-2	Methylcyclohexane	0.54	U	0.54	0.15
127-18-4	Tetrachloroethene	0.54	U	0.54	0.18
1330-20-7	Xylenes, Total	1.6	U	1.6	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	0.54	U	0.54	0.33
79-34-5	1,1,2,2-Tetrachloroethane	0.54	U	0.54	0.41
79-00-5	1,1,2-Trichloroethane	0.54	U	0.54	0.32
124-48-1	Dibromochloromethane	0.54	U	0.54	0.30
106-93-4	1,2-Dibromoethane	0.54	U	0.54	0.28
75-71-8	Dichlorodifluoromethane	0.54	U	0.54	0.22
74-97-5	Bromochloromethane	0.54	U	0.54	0.15
75-27-4	Bromodichloromethane	0.54	U	0.54	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	89		66-126
460-00-4	Bromofluorobenzene	95		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) | Lab Sample ID: 460-24279-6

Matrix: Solid | Lab File ID: o46717.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:15

Sample wt/vol: 10.73(g) | Date Analyzed: 03/29/2011 02:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.1 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46717.d
Report Date: 30-Mar-2011 12:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46717.d
Lab Smp Id: 460-24279-D-6-A Client Smp ID: PMP3-SI-E (10.5-11)
Inj Date : 29-MAR-2011 02:33
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24279-D-6-A;;;10.73;5
Misc Info : 460-24279-D-6-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	10.73000	Weight of sample extracted (g)
M	13.12102	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.807	1.813	(0.447)	10094	13.0004	7.0
	15 Chloroform	83	3.276	3.282	(0.811)	9744	1.07830	0.58
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	155335	46.6037	25
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	906492	50.0000	
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	686760	44.3713	24
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	672020	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	274523	47.6801	26
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.476	(1.000)	386718	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46717.d
Report Date: 30-Mar-2011 12:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46717.d
Lab Smp Id: 460-24279-D-6-A Client Smp ID: PMP3-SI-E (10.5-11)
Inj Date : 29-MAR-2011 02:33
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24279-D-6-A;;;10.73;5
Misc Info : 460-24279-D-6-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

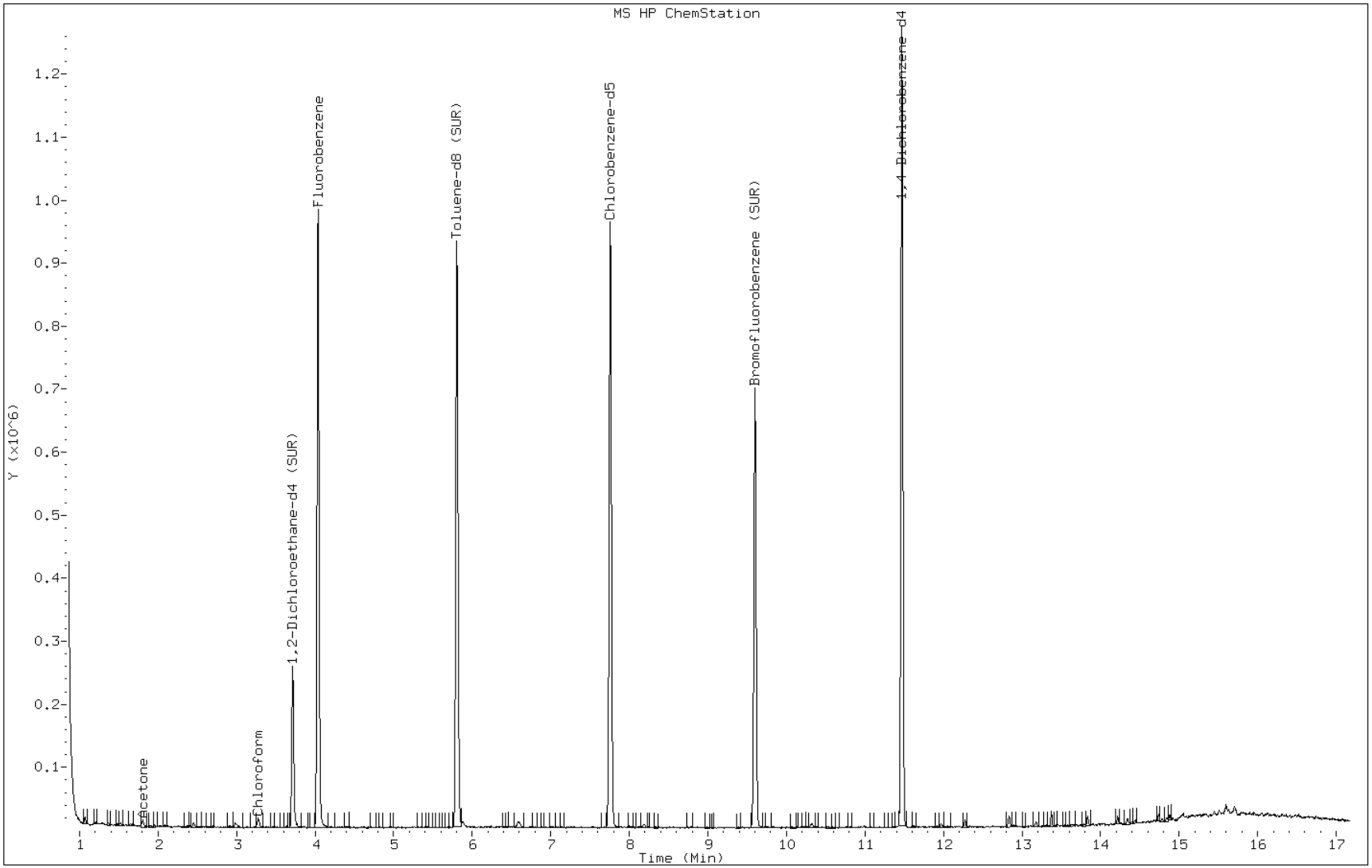
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46717.d

Date: 29-MAR-2011 02:33

Client ID: PMP3-SI-E (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24279-D-6-A;;;10.73;5 Operator: VOAMS 9



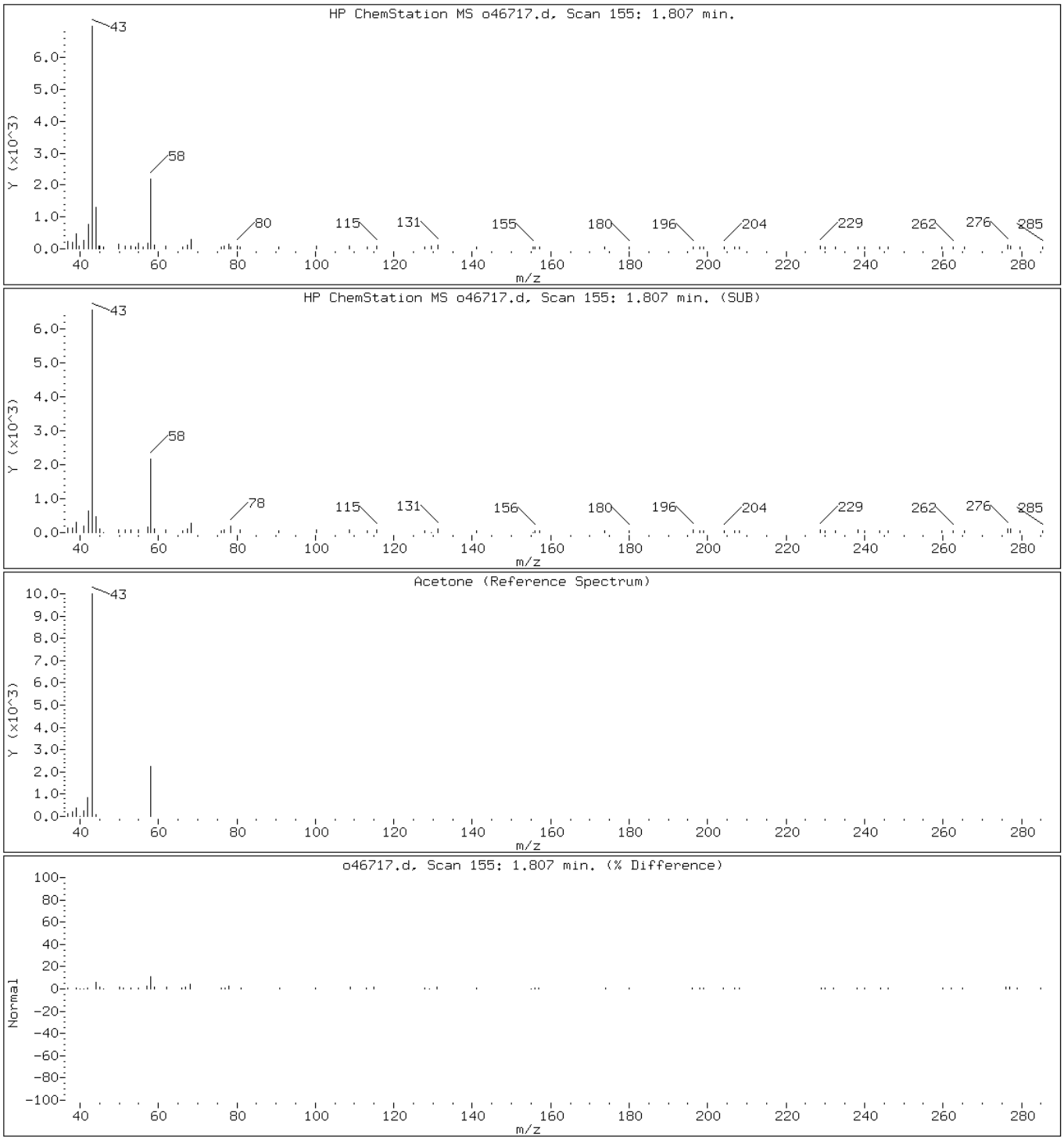
Data File: o46717.d

Date: 29-MAR-2011 02:33

Client ID: PMP3-SI-E (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24279-D-6-A;;;10.73;5 Operator: VOAMS 9

7 Acetone



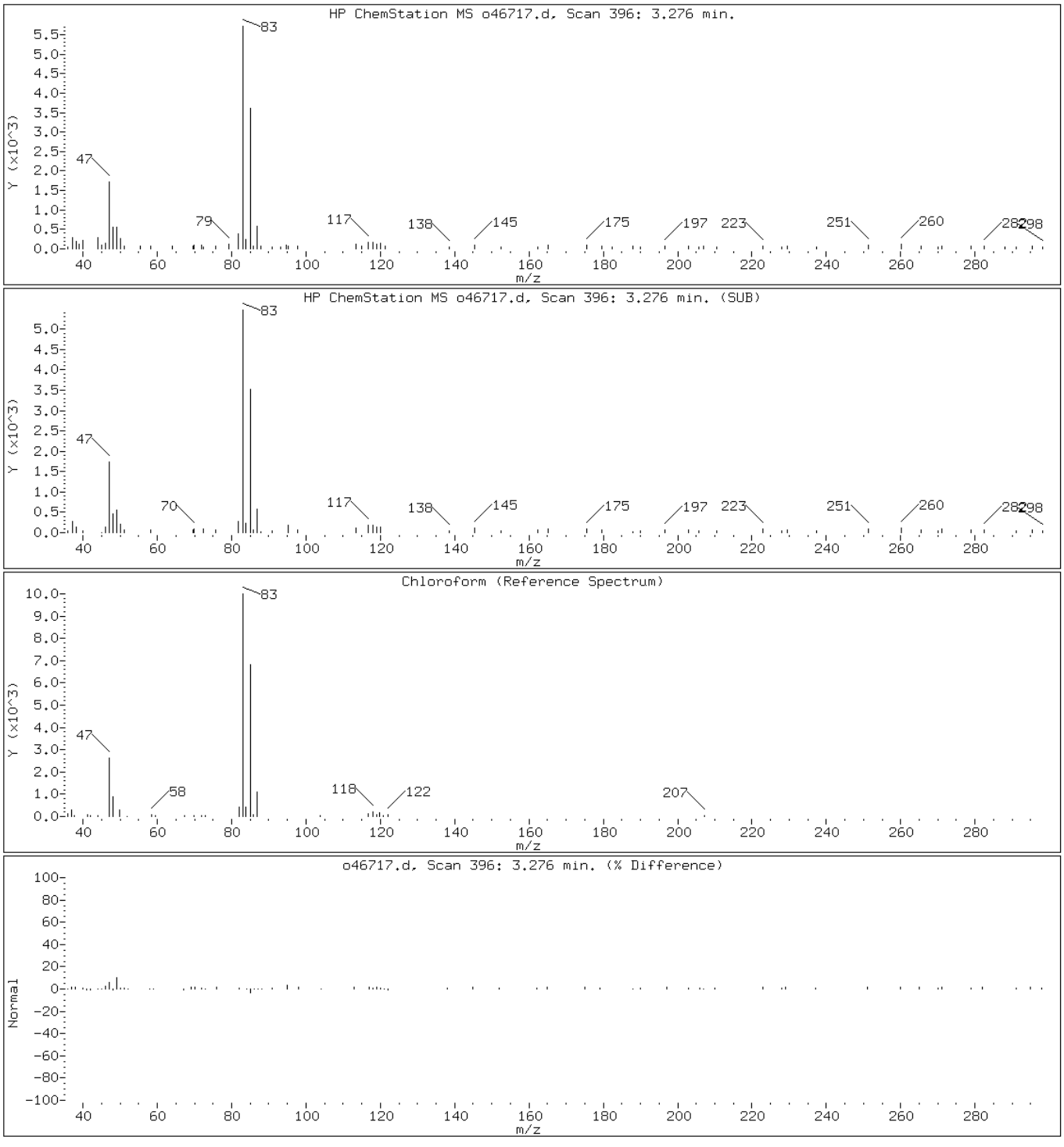
Data File: o46717.d

Date: 29-MAR-2011 02:33

Client ID: PMP3-SI-E (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24279-D-6-A;;;10.73;5 Operator: VOAMS 9

15 Chloroform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) | Lab Sample ID: 460-24279-7

Matrix: Solid | Lab File ID: j98784.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:30

Sample wt/vol: 5.06(g) | Date Analyzed: 03/31/2011 12:48

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 5.8 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	52	U	52	11
74-83-9	Bromomethane	52	U	52	16
75-01-4	Vinyl chloride	52	U	52	6.3
75-00-3	Chloroethane	52	U	52	23
75-09-2	Methylene Chloride	52	U	52	10
67-64-1	Acetone	900		520	130
75-15-0	Carbon disulfide	52	U	52	7.7
75-69-4	Trichlorofluoromethane	52	U	52	8.2
75-35-4	1,1-Dichloroethene	52	U	52	7.4
75-34-3	1,1-Dichloroethane	52	U	52	5.2
156-60-5	trans-1,2-Dichloroethene	52	U	52	7.2
156-59-2	cis-1,2-Dichloroethene	52	U	52	10
67-66-3	Chloroform	52	U	52	8.1
78-93-3	2-Butanone	520	U	520	43
107-06-2	1,2-Dichloroethane	52	U	52	13
71-55-6	1,1,1-Trichloroethane	52	U	52	13
56-23-5	Carbon tetrachloride	52	U	52	9.4
71-43-2	Benzene	52	U	52	6.2
75-25-2	Bromoform	52	U	52	5.2
100-42-5	Styrene	52	U	52	7.3
100-41-4	Ethylbenzene	52	U	52	13
108-90-7	Chlorobenzene	52	U	52	8.7
110-82-7	Cyclohexane	52	U	52	6.5
98-82-8	Isopropylbenzene	52	U	52	11
591-78-6	2-Hexanone	520	U	520	29
1634-04-4	MTBE	52	U	52	9.7
76-13-1	Freon TF	52	U	52	15
79-20-9	Methyl acetate	100	U	100	17
123-91-1	1,4-Dioxane	2600	U	2600	450
79-01-6	Trichloroethene	52	U	52	9.3
108-88-3	Toluene	52	U	52	5.0
10061-02-6	trans-1,3-Dichloropropene	52	U	52	6.4
108-10-1	4-Methyl-2-pentanone	520	U	520	36
10061-01-5	cis-1,3-Dichloropropene	52	U	52	5.4
95-50-1	1,2-Dichlorobenzene	52	U	52	8.5
541-73-1	1,3-Dichlorobenzene	49	J	52	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) | Lab Sample ID: 460-24279-7

Matrix: Solid | Lab File ID: j98784.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:30

Sample wt/vol: 5.06(g) | Date Analyzed: 03/31/2011 12:48

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 5.8 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	52	U	52	7.9
120-82-1	1,2,4-Trichlorobenzene	840		52	23
87-61-6	1,2,3-Trichlorobenzene	52	U	52	44
78-87-5	1,2-Dichloropropane	52	U	52	4.6
108-87-2	Methylcyclohexane	52	U	52	4.2
127-18-4	Tetrachloroethene	52	U	52	10
1330-20-7	Xylenes, Total	160	U	160	23
96-12-8	1,2-Dibromo-3-Chloropropane	52	U	52	8.1
79-34-5	1,1,2,2-Tetrachloroethane	52	U	52	4.5
79-00-5	1,1,2-Trichloroethane	52	U	52	5.1
124-48-1	Dibromochloromethane	52	U	52	5.3
106-93-4	1,2-Dibromoethane	52	U	52	4.8
75-71-8	Dichlorodifluoromethane	52	U	52	15
74-97-5	Bromochloromethane	52	U	52	9.1
75-27-4	Bromodichloromethane	52	U	52	4.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		57-135
2037-26-5	Toluene-d8 (Surr)	82		46-130
460-00-4	Bromofluorobenzene	113		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) Lab Sample ID: 460-24279-7

Matrix: Solid Lab File ID: j98784.d

Analysis Method: 8260B Date Collected: 03/17/2011 13:30

Sample wt/vol: 5.06(g) Date Analyzed: 03/31/2011 12:48

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 5.8 Level: (low/med) Medium

Analysis Batch No.: 69045 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 35600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown-3	14.21	4800	J
	Diethylmethylcyclohexane isomer	14.41	3200	J
	Unknown Cycloalkene-1	14.81	2000	J
	Decahydronaphthalene isomer	14.99	3800	J
	Decahydromethylnaphthalene isomer-1	15.28	7400	J
	Decahydrodimethylnaphthalene isomer	15.78	2500	J
	Decahydrodimethylnaphthalene isomer-1	16.07	4200	J
	Decahydrodimethylnaphthalene isomer-2	16.86	2800	J
	Decahydrodimethylnaphthalene isomer-3	17.07	2800	J
	Tetrahydrodimethylnaphthalene isomer-4	17.54	2100	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98784.d
Report Date: 31-Mar-2011 15:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98784.d
Lab Smp Id: 460-24279-B-7-A Client Smp ID: PMP-7-VD-E (3.5-4)
Inj Date : 31-MAR-2011 12:48
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24279-B-7-A;50;;5.06;5
Misc Info : 460-24279-B-7-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 8
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.06000	Weight of sample extracted (g)
M	8.96018	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	16 Acetone	58	4.414	4.374	(0.559)	10483	17.2514	940
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.502	7.470	(0.949)	402013	45.2658	2400
*	52 Fluorobenzene	96	7.903	7.874	(1.000)	1400803	50.0000	
$	65 Toluene-d8 (SUR)	98	9.769	9.748	(0.860)	1012440	40.7737	2200
*	78 Chlorobenzene-d5	117	11.356	11.348	(1.000)	1061956	50.0000	
$	89 Bromofluorobenzene (SUR)	174	12.560	12.549	(0.910)	585724	56.3530	3000
	97 1,3,5-Trimethylbenzene	105	12.963	12.944	(0.940)	19616	0.89667	49(a)
	105 1,3-Dichlorobenzene	146	13.731	13.711	(0.995)	14347	0.92724	50(a)
*	108 1,4-Dichlorobenzene-d4	152	13.795	13.784	(1.000)	547759	50.0000	
	114 1,2,4-Trichlorobenzene	180	16.426	16.409	(1.191)	166841	16.0684	870

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98784.d
Report Date: 31-Mar-2011 15:35

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98784.d
Report Date: 31-Mar-2011 15:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98784.d
Lab Smp Id: 460-24279-B-7-A Client Smp ID: PMP-7-VD-E (3.5-4)
Inj Date : 31-MAR-2011 12:48
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24279-B-7-A;50;;5.06;5
Misc Info : 460-24279-B-7-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 8
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.06000	Weight of sample extracted (g)
M	8.96018	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	13.795	3515096	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane				CAS #:			
12.726	1034511	14.7152639	800	0		0	108
Unknown				CAS #:			
12.963	2430132	34.5670787	1900	0		0	108(L)

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98784.d
Report Date: 31-Mar-2011 15:35

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-1					CAS #:		
13.419	1412050	20.0855123	1100	0	0		108
Unknown-2					CAS #:		
13.584	2016131	28.6781753	1600	0	0		108
Unknown-3					CAS #:		
14.212	6423255	91.3667035	5000	0	0		108(L)
Diethylmethylcyclohexane isomer					CAS #:		
14.412	4338682	61.7149739	3300	0	0		108
Unknown Cycloalkane					CAS #:		
14.541	2347748	33.3952199	1800	0	0		108
Unknown Cycloalkene-1					CAS #:		
14.812	2702461	38.4407826	2100	0	0		108
Decahydronaphthalene isomer					CAS #:		
14.986	5160178	73.4002401	4000	0	0		108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.279	9957757	141.642732	7700	0	0		108
Decahydrodimethylnaphthalene isomer					CAS #:		
15.780	3318907	47.2093290	2600	0	0		108
Decahydrodimethylnaphthalene isomer-1					CAS #:		
16.069	5648336	80.3439730	4400	0	0		108
Decahydrodimethylnaphthalene isomer-2					CAS #:		
16.864	3698230	52.6049662	2800	0	0		108
Decahydrodimethylnaphthalene isomer-3					CAS #:		
17.068	3810701	54.2047823	2900	0	0		108
Unknown Aromatic					CAS #:		
17.440	1317933	18.7467508	1000	0	0		108
Tetrahydrodimethylnaphthalene isomer-4					CAS #:		
17.540	2794183	39.7454720	2200	0	0		108
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
17.805	1840336	26.1776009	1400	0	0		108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98784.d
Report Date: 31-Mar-2011 15:35

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown Aromatic-1					CAS #:		
18.256	1826348	25.9786305	1400	0		0	108

QC Flag Legend

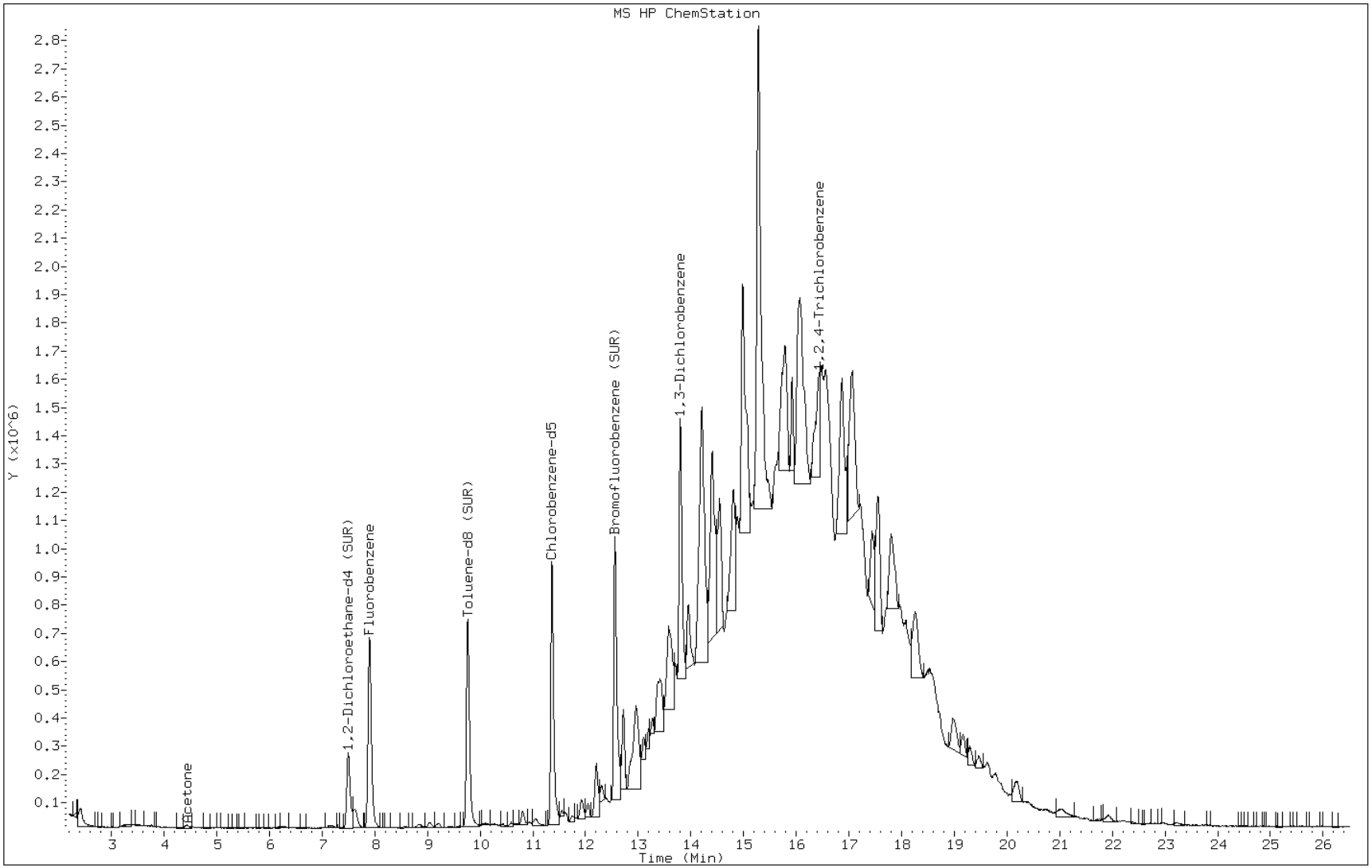
L - Operator selected an alternate library search match.

Data File: j98784.d

Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:



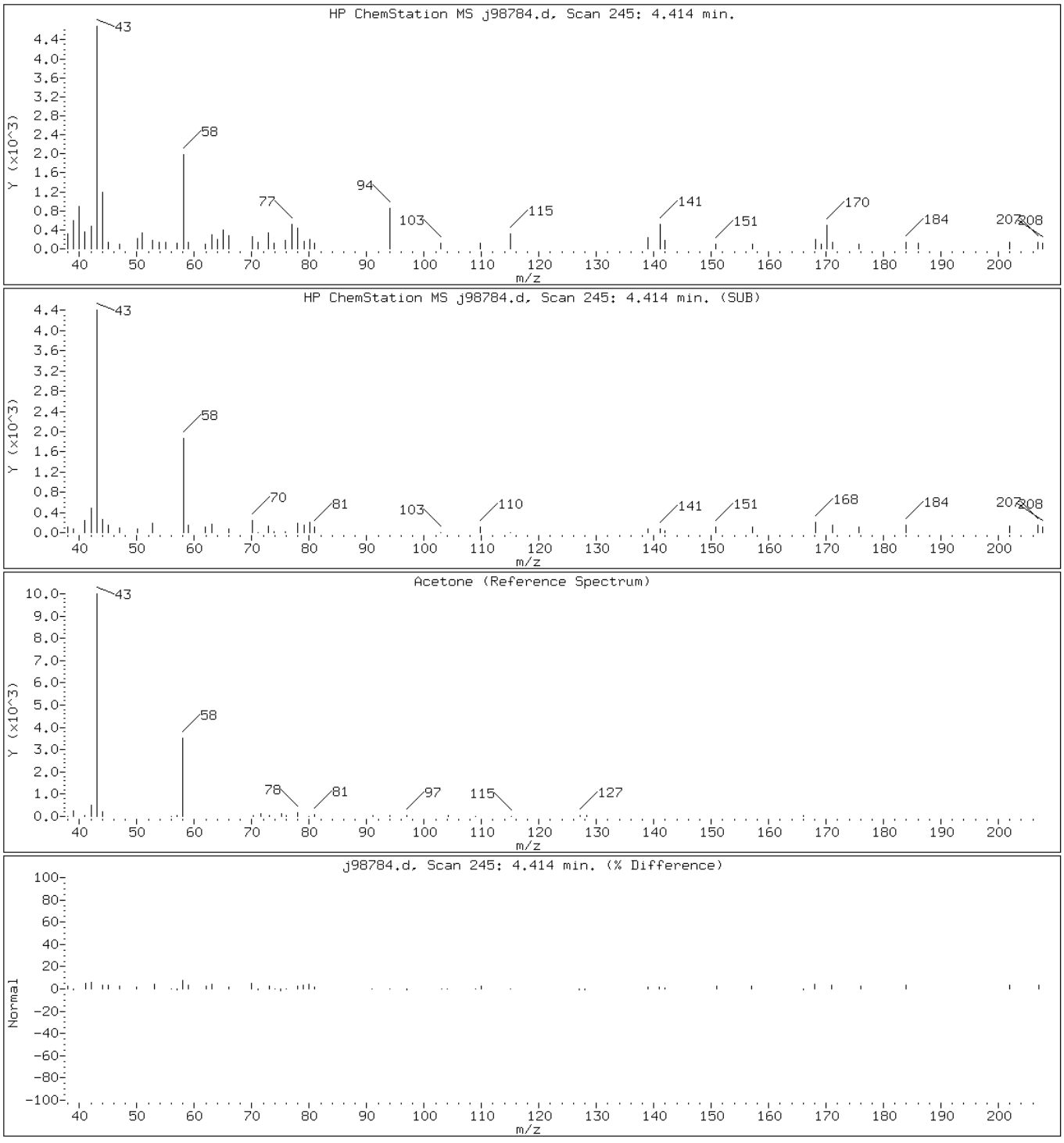
Data File: j98784.d

Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

16 Acetone



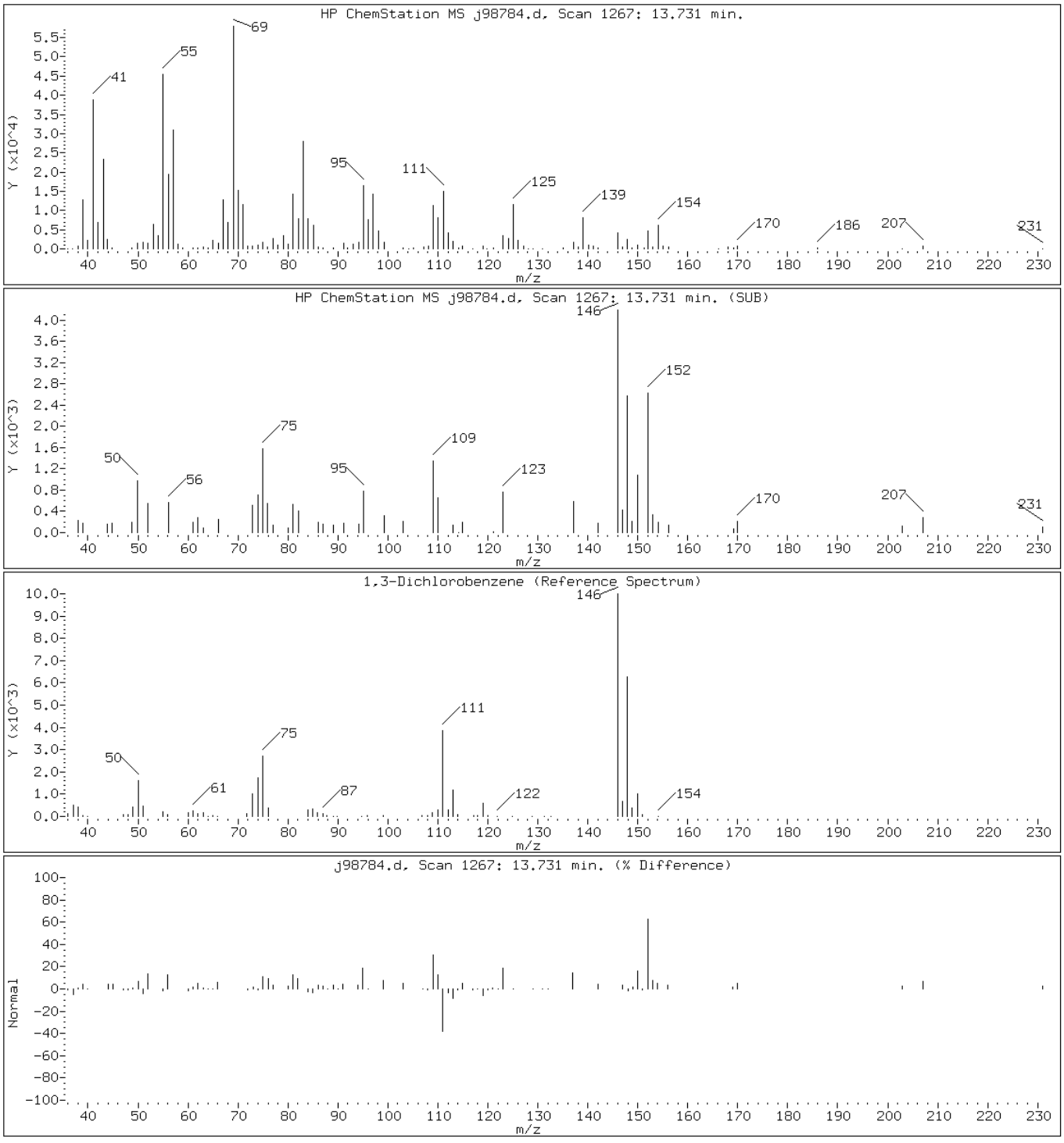
Data File: j98784.d

Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

105 1,3-Dichlorobenzene



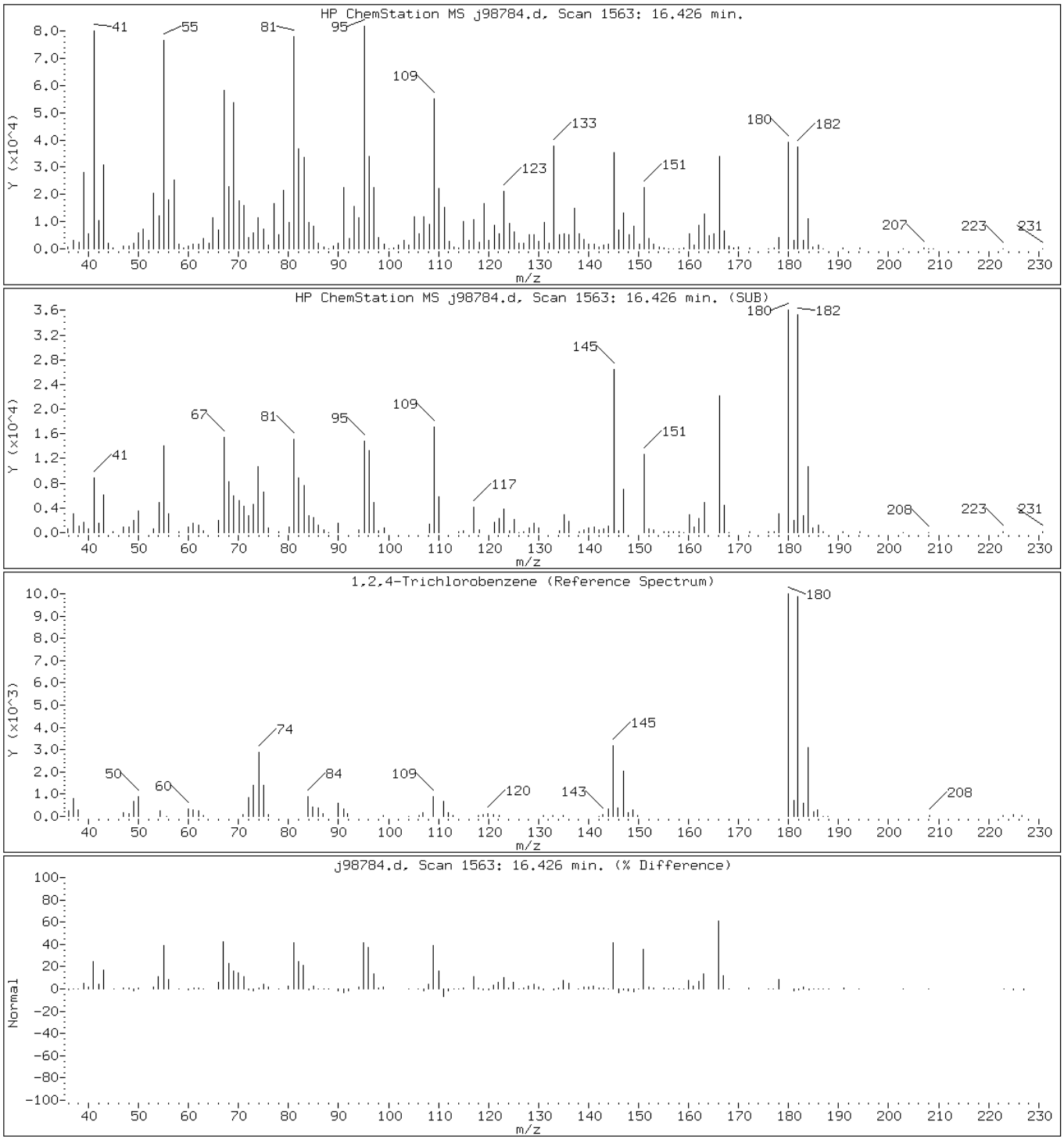
Data File: j98784.d

Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

114 1,2,4-Trichlorobenzene



Data File: j98784.d

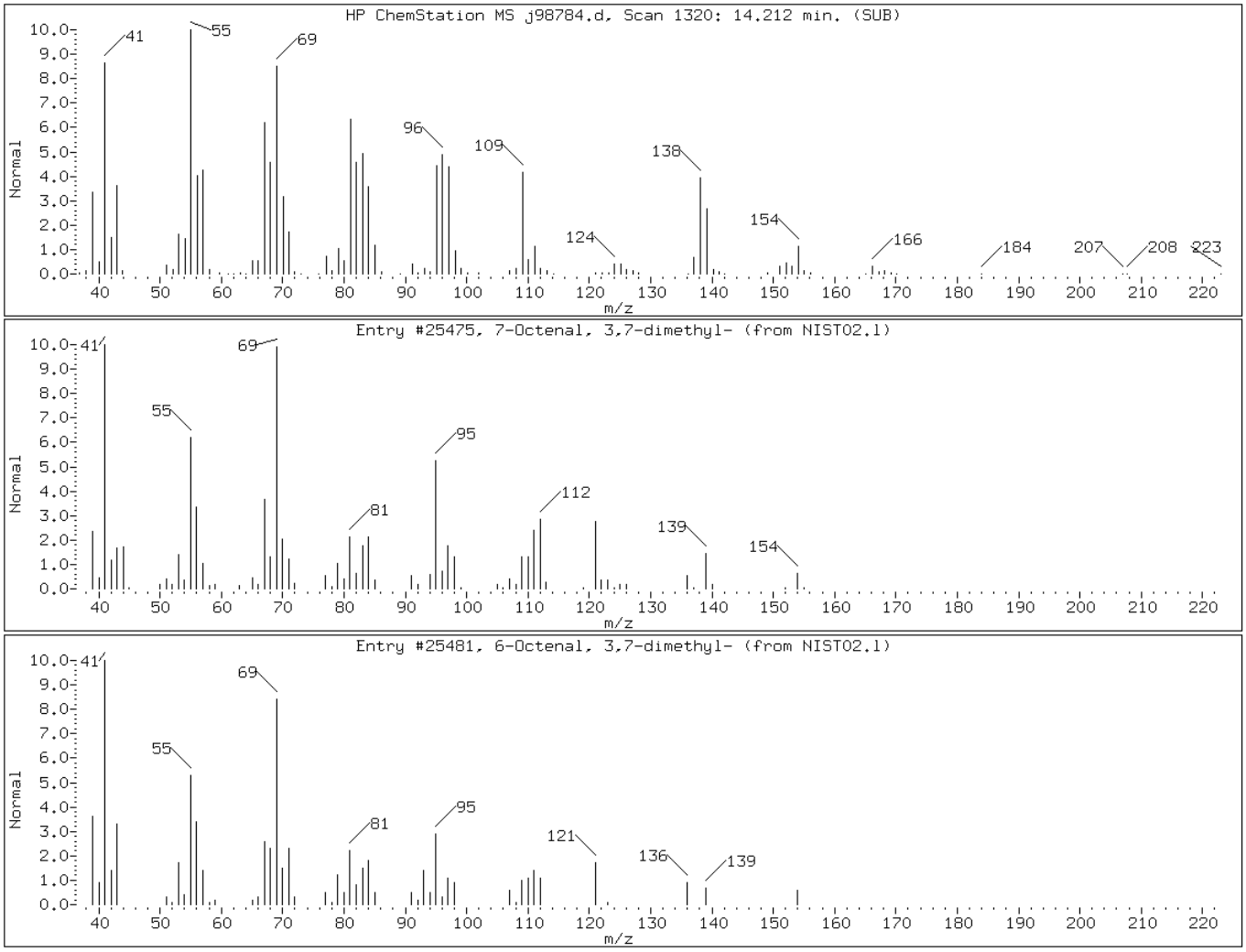
Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

Retention Time: 14.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
7-Octenal, 3,7-dimethyl-	141-26-4	NIST02.l	25475	53	C10H18O	154
6-Octenal, 3,7-dimethyl-	106-23-0	NIST02.l	25481	49	C10H18O	154



Data File: j98784.d

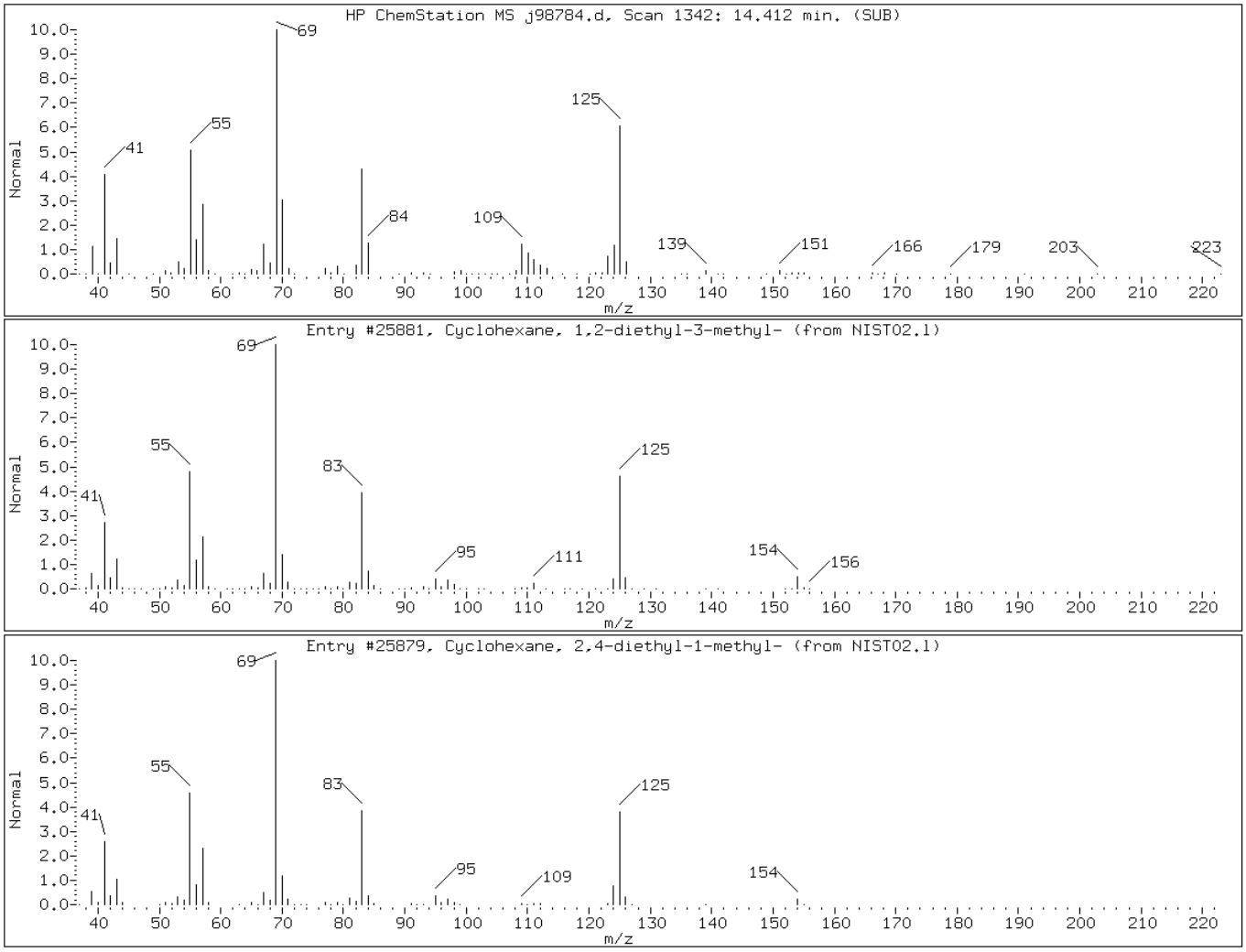
Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

Retention Time: 14.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylmethylcyclohexane isomer						
Cyclohexane, 1,2-diethyl-3-methyl-	61141-80-8	NIST02.l	25881	72	C11H22	154
Cyclohexane, 2,4-diethyl-1-methyl-	61142-70-9	NIST02.l	25879	64	C11H22	154



Data File: j98784.d

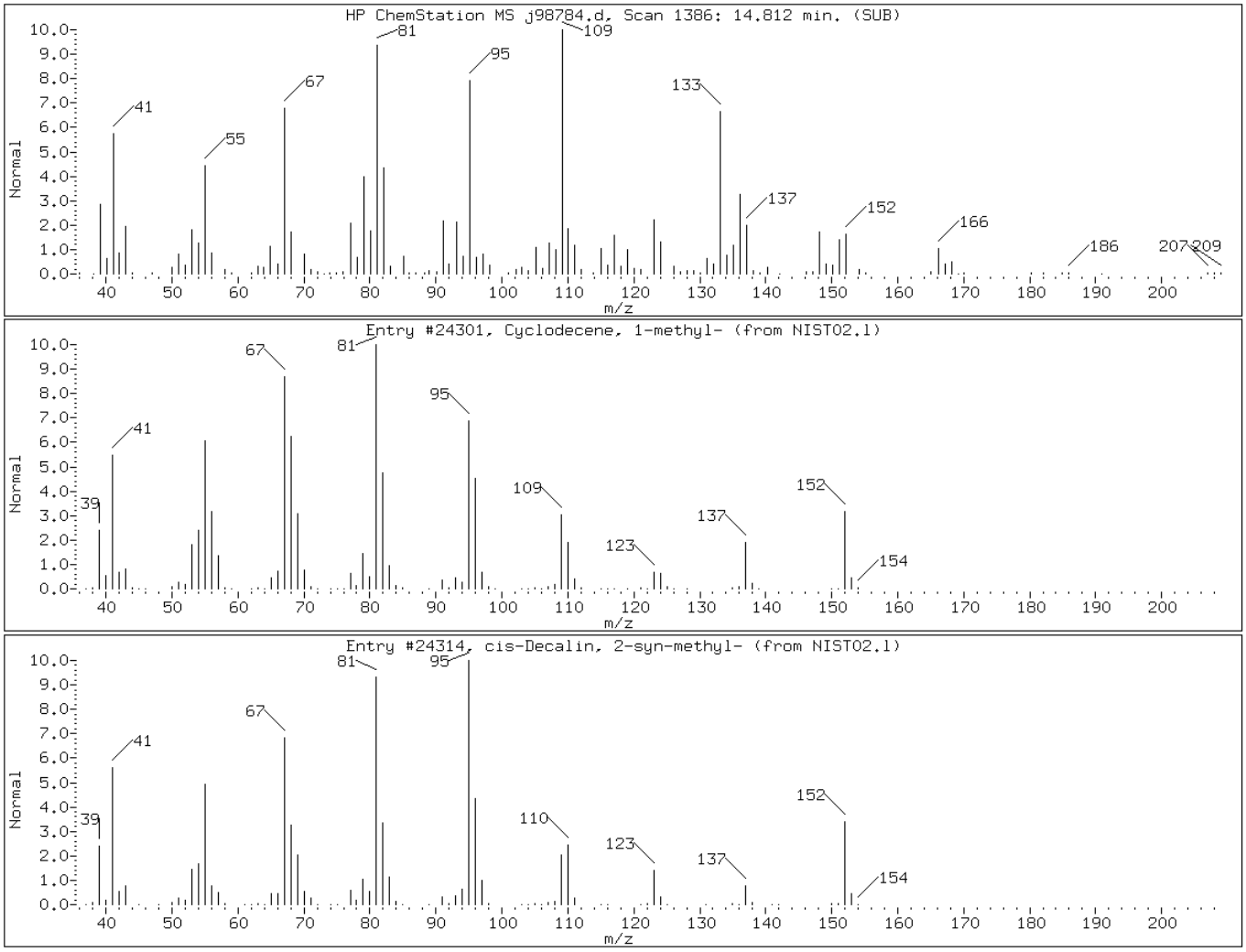
Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

Retention Time: 14.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkene-1						
Cyclodecene, 1-methyl-	66633-38-3	NIST02.l	24301	53	C11H20	152
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	49	C11H20	152



Data File: j98784.d

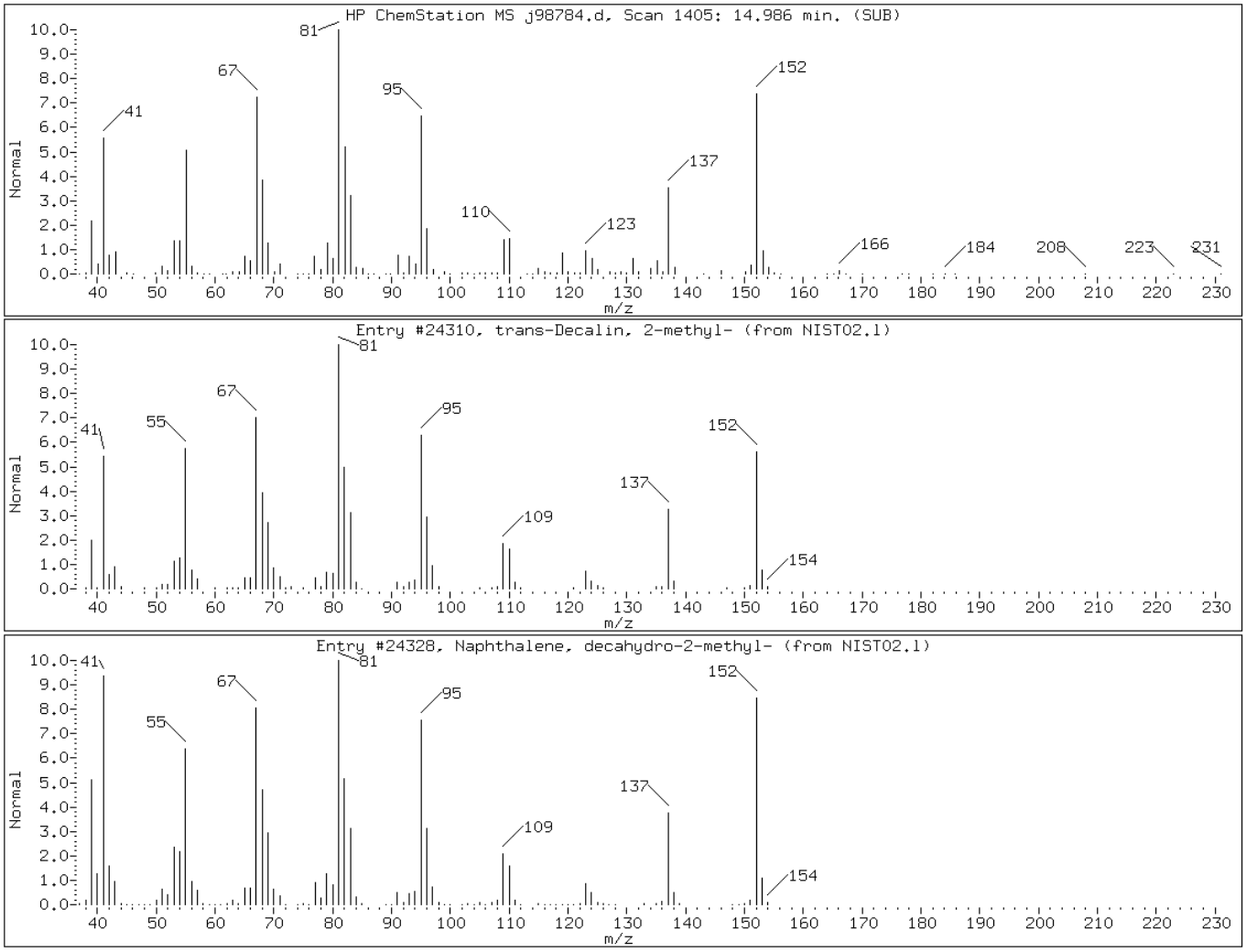
Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

Retention Time: 14.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	94	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	83	C11H20	152



Data File: j98784.d

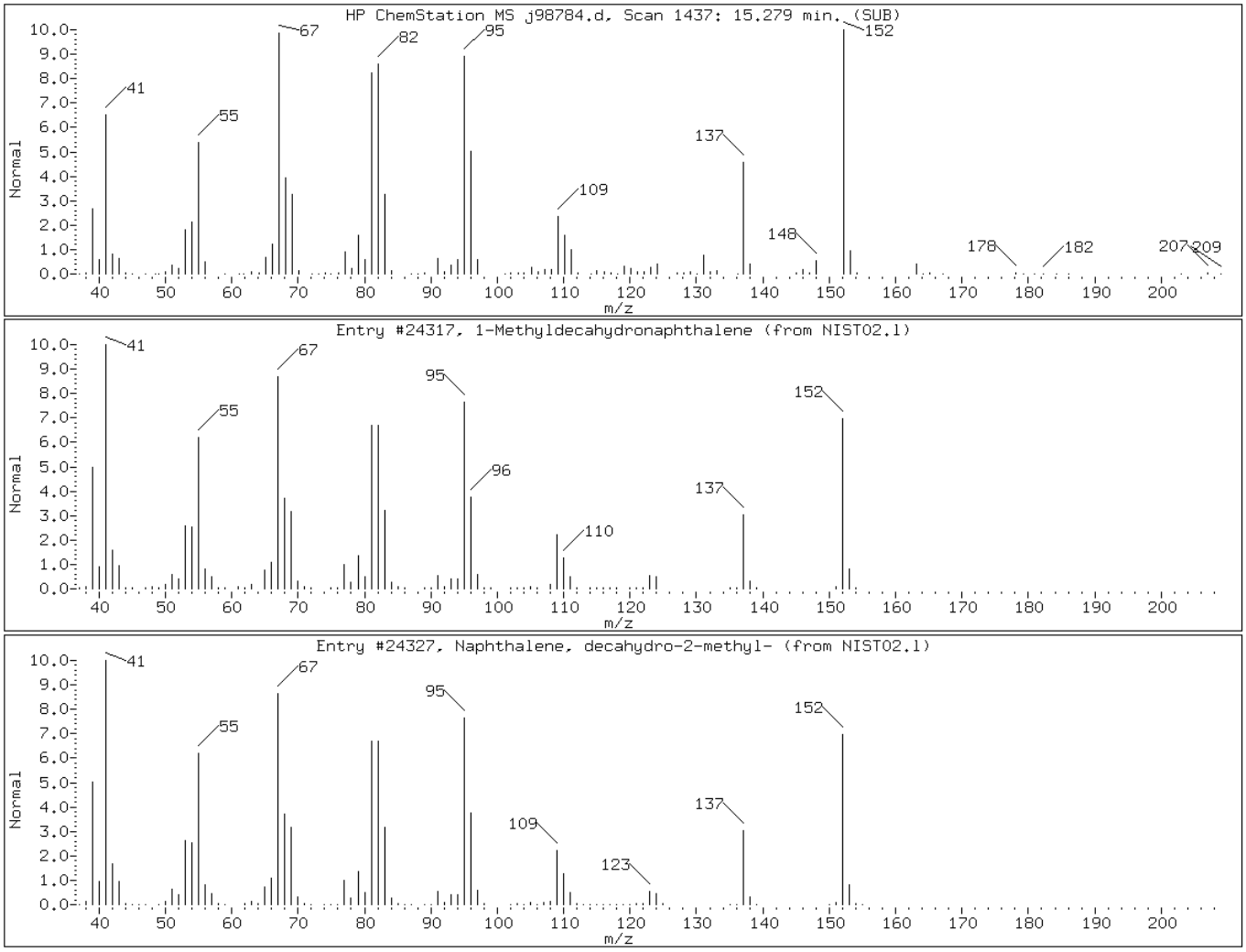
Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

Retention Time: 15.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	97	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	97	C11H20	152



Data File: j98784.d

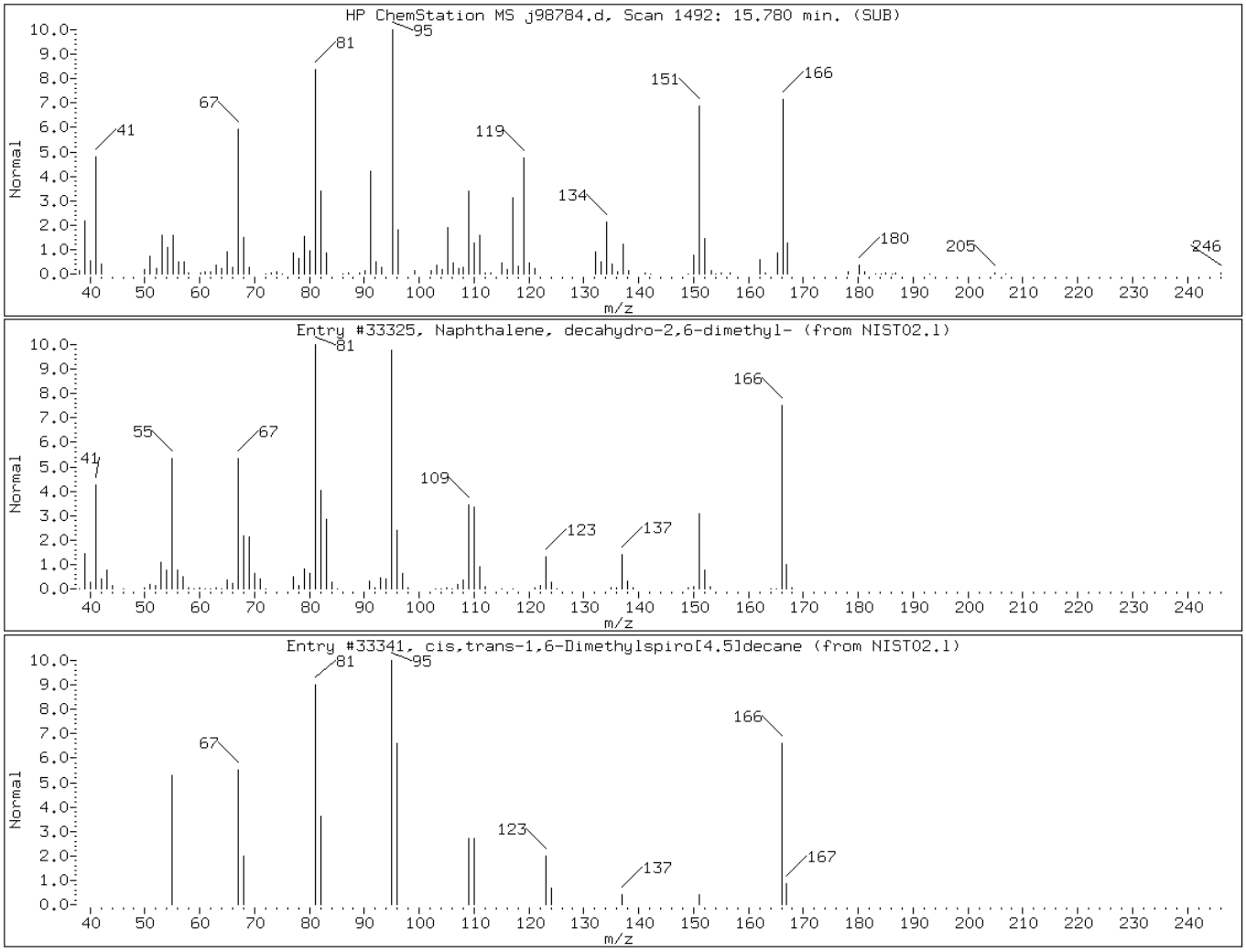
Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

Retention Time: 15.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydrodimethylnaphthalene isome						
Naphthalene, decahydro-2,6-dimethy	1618-22-0	NIST02.l	33325	86	C12H22	166
cis,trans-1,6-Dimethylspiro[4.5]de	1000111-72-3	NIST02.l	33341	62	C12H22	166



Data File: j98784.d

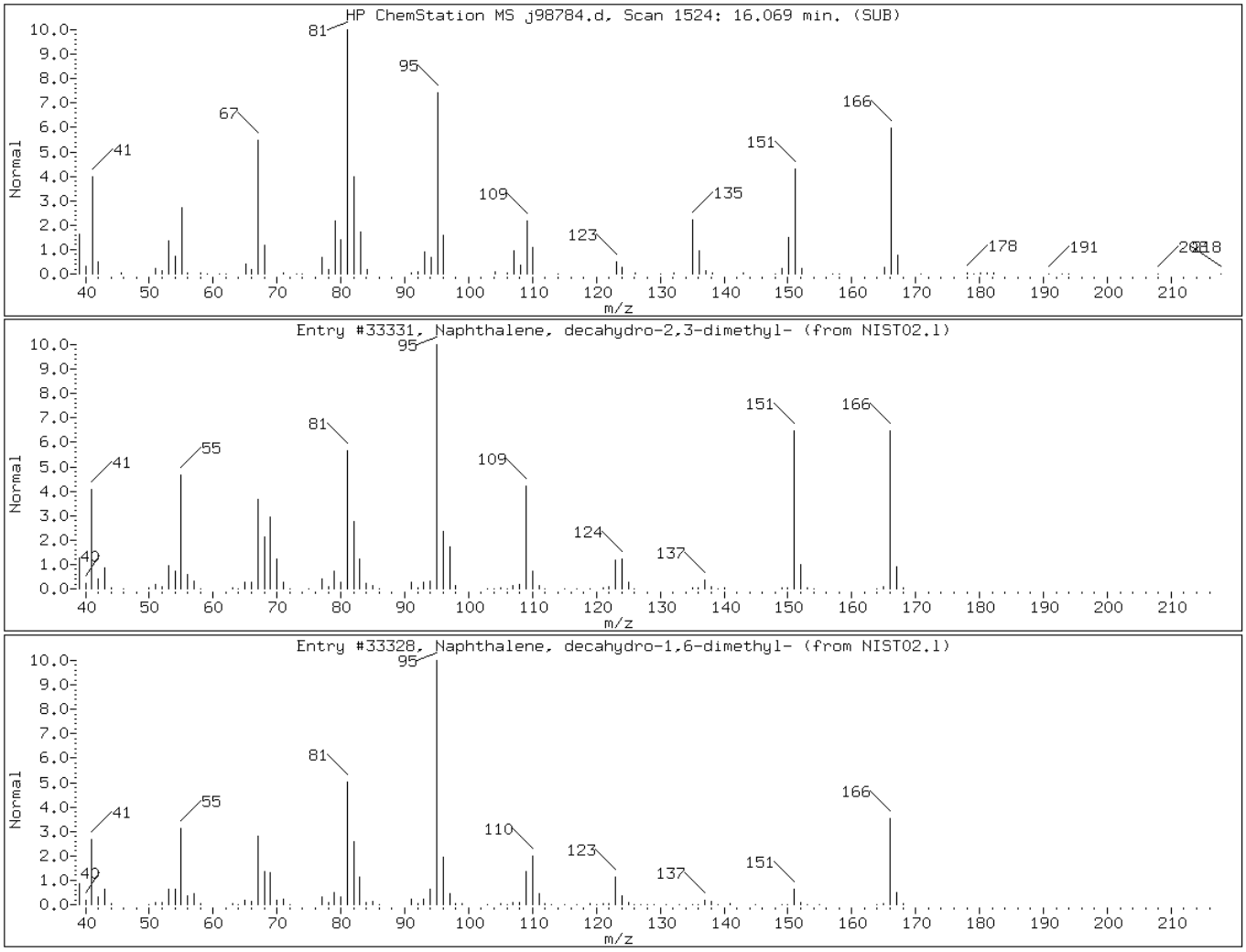
Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

Retention Time: 16.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydrodimethylnaphthalene isome						
Naphthalene, decahydro-2,3-dimethy	1008-80-6	NIST02.l	33331	60	C12H22	166
Naphthalene, decahydro-1,6-dimethy	1750-51-2	NIST02.l	33328	55	C12H22	166



Data File: j98784.d

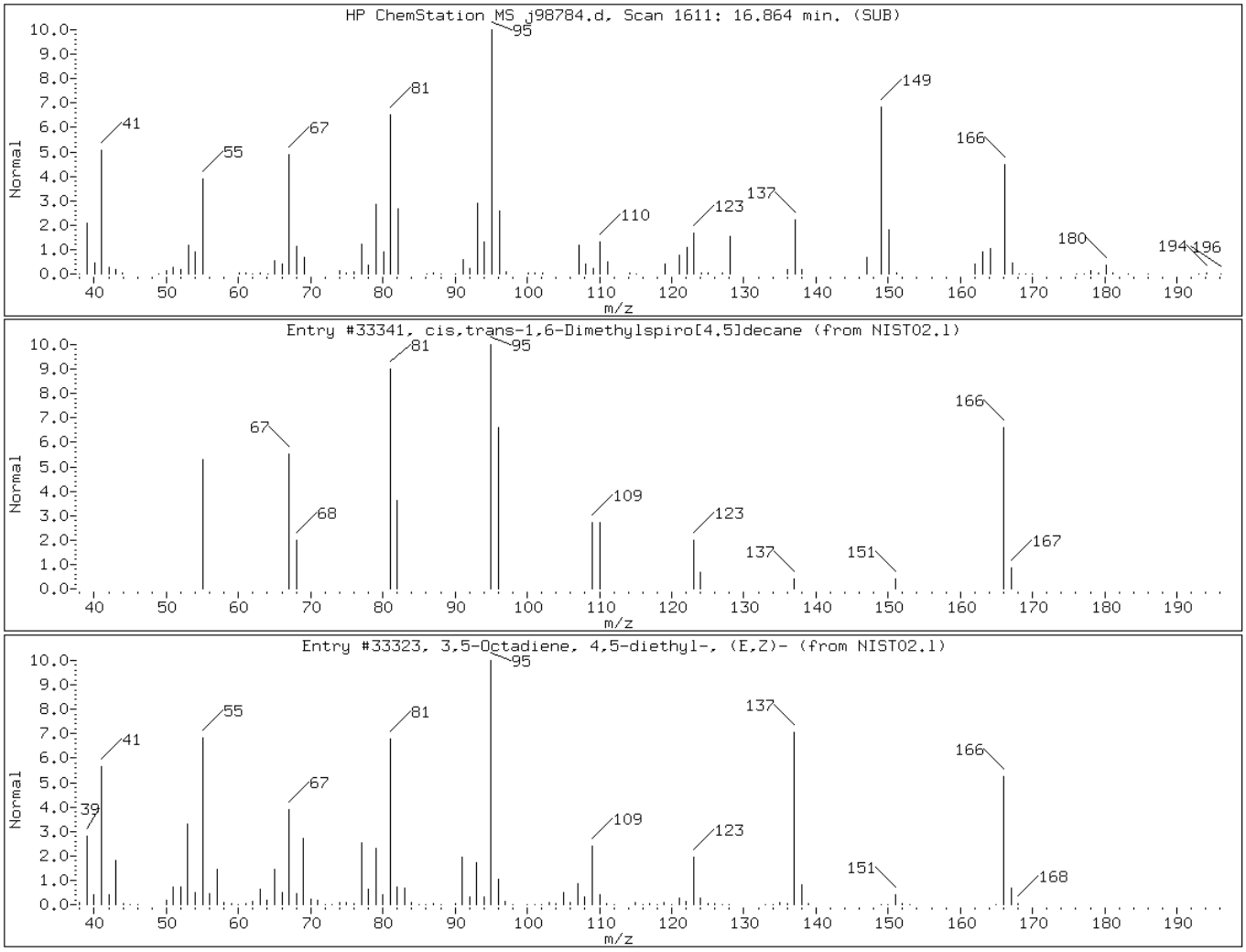
Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

Retention Time: 16.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydrodimethylnaphthalene isome						
cis,trans-1,6-Dimethylspiro[4.5]de	1000111-72-3	NIST02.l	33341	47	C12H22	166
3,5-Octadiene, 4,5-diethyl-, (E,Z)	21293-02-7	NIST02.l	33323	47	C12H22	166



Data File: j98784.d

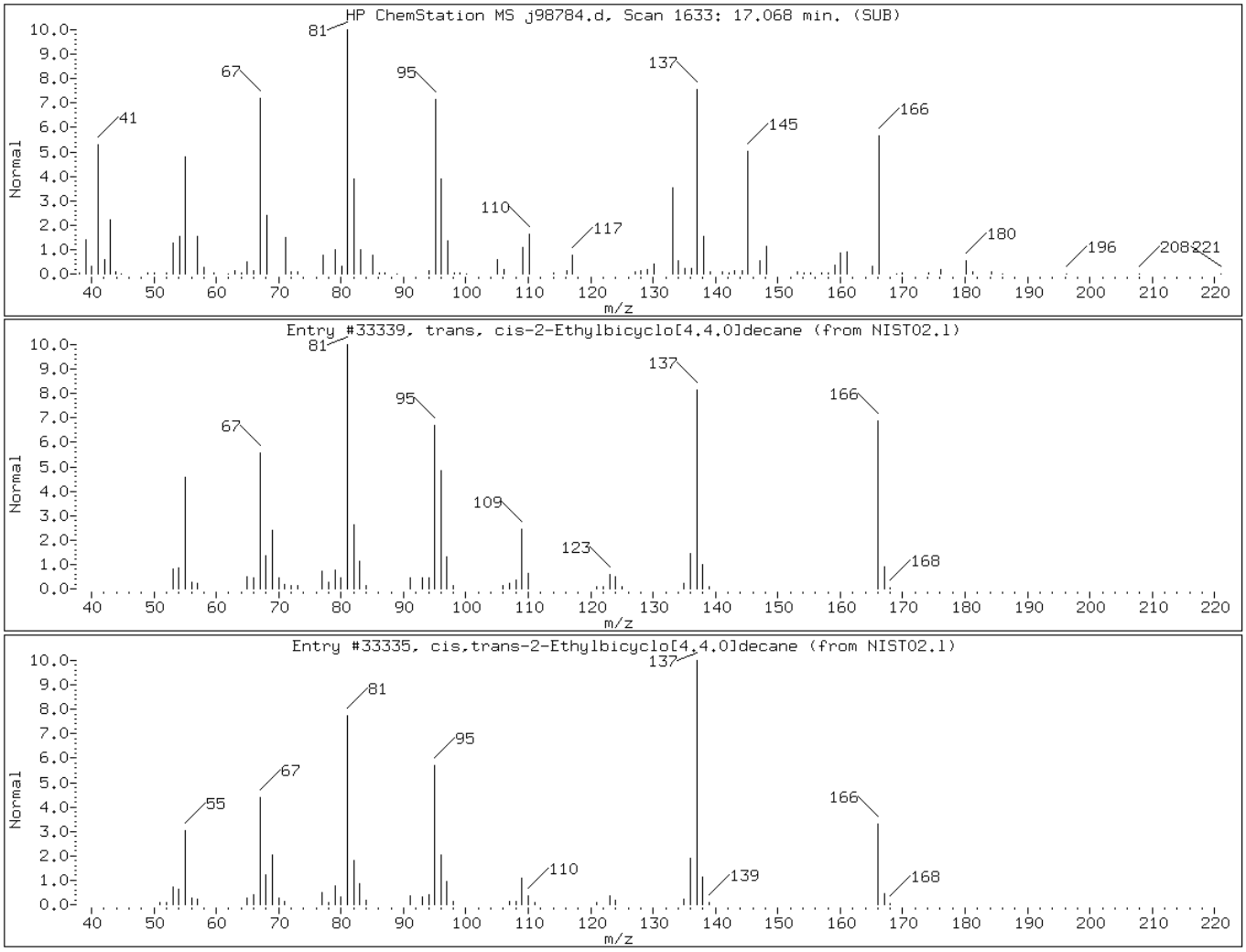
Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

Retention Time: 17.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydrodimethylnaphthalene isome						
trans, cis-2-Ethylbicyclo[4.4.0]de	66660-39-7	NIST02.l	33339	81	C12H22	166
cis,trans-2-Ethylbicyclo[4.4.0]dec	66660-38-6	NIST02.l	33335	70	C12H22	166



Data File: j98784.d

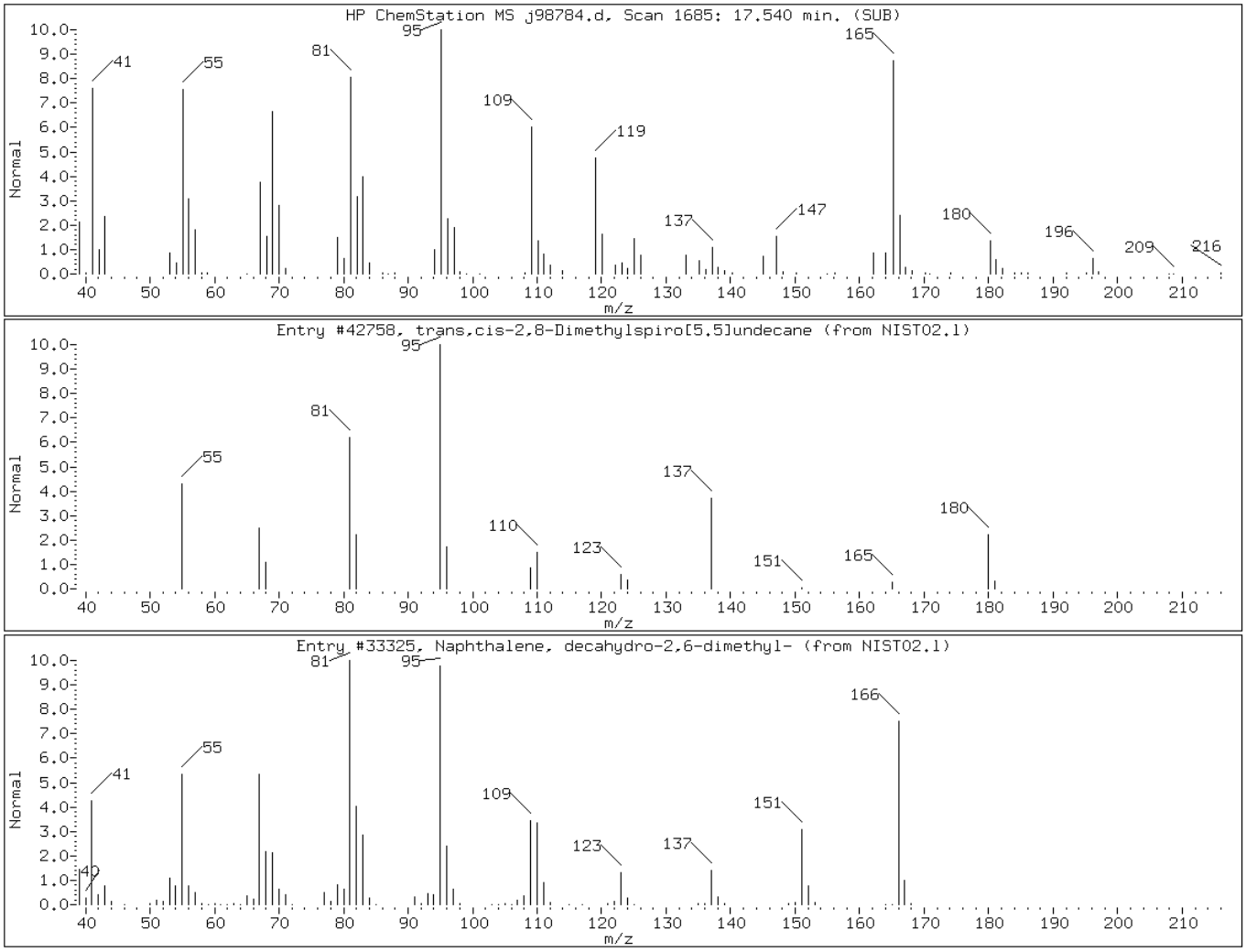
Date: 31-MAR-2011 12:48

Client ID: PMP-7-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24279-B-7-A;50;;5.06;5 Operator:

Retention Time: 17.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
trans,cis-2,8-Dimethylspiro[5.5]un	95472-52-9	NIST02.l	42758	46	C13H24	180
Naphthalene, decahydro-2,6-dimethy	1618-22-0	NIST02.l	33325	46	C12H22	166



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) | Lab Sample ID: 460-24279-8

Matrix: Solid | Lab File ID: j98785.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:35

Sample wt/vol: 5.53(g) | Date Analyzed: 03/31/2011 13:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.0 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	50	U	50	10
74-83-9	Bromomethane	50	U	50	16
75-01-4	Vinyl chloride	50	U	50	6.0
75-00-3	Chloroethane	50	U	50	22
75-09-2	Methylene Chloride	50	U	50	9.6
67-64-1	Acetone	370	J	500	120
75-15-0	Carbon disulfide	50	U	50	7.2
75-69-4	Trichlorofluoromethane	50	U	50	7.8
75-35-4	1,1-Dichloroethene	50	U	50	7.0
75-34-3	1,1-Dichloroethane	50	U	50	5.0
156-60-5	trans-1,2-Dichloroethene	50	U	50	6.8
156-59-2	cis-1,2-Dichloroethene	50	U	50	9.6
67-66-3	Chloroform	50	U	50	7.7
78-93-3	2-Butanone	500	U	500	41
107-06-2	1,2-Dichloroethane	50	U	50	12
71-55-6	1,1,1-Trichloroethane	50	U	50	12
56-23-5	Carbon tetrachloride	50	U	50	8.9
71-43-2	Benzene	50	U	50	5.9
75-25-2	Bromoform	50	U	50	4.9
100-42-5	Styrene	50	U	50	6.9
100-41-4	Ethylbenzene	69		50	12
108-90-7	Chlorobenzene	50	U	50	8.2
110-82-7	Cyclohexane	50	U	50	6.2
98-82-8	Isopropylbenzene	180		50	11
591-78-6	2-Hexanone	500	U	500	27
1634-04-4	MTBE	50	U	50	9.2
76-13-1	Freon TF	50	U	50	14
79-20-9	Methyl acetate	99	U	99	16
123-91-1	1,4-Dioxane	2500	U	2500	420
79-01-6	Trichloroethene	50	U	50	8.8
108-88-3	Toluene	17	J	50	4.7
10061-02-6	trans-1,3-Dichloropropene	50	U	50	6.1
108-10-1	4-Methyl-2-pentanone	500	U	500	34
10061-01-5	cis-1,3-Dichloropropene	50	U	50	5.1
95-50-1	1,2-Dichlorobenzene	50	U	50	8.1
541-73-1	1,3-Dichlorobenzene	21	J	50	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) | Lab Sample ID: 460-24279-8

Matrix: Solid | Lab File ID: j98785.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:35

Sample wt/vol: 5.53(g) | Date Analyzed: 03/31/2011 13:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.0 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	33	J	50	7.5
120-82-1	1,2,4-Trichlorobenzene	3800		50	22
87-61-6	1,2,3-Trichlorobenzene	600		50	41
78-87-5	1,2-Dichloropropane	50	U	50	4.3
108-87-2	Methylcyclohexane	160		50	4.0
127-18-4	Tetrachloroethene	50	U	50	9.7
1330-20-7	Xylenes, Total	360		150	22
96-12-8	1,2-Dibromo-3-Chloropropane	50	U	50	7.6
79-34-5	1,1,2,2-Tetrachloroethane	50	U	50	4.3
79-00-5	1,1,2-Trichloroethane	50	U	50	4.8
124-48-1	Dibromochloromethane	50	U	50	5.0
106-93-4	1,2-Dibromoethane	50	U	50	4.5
75-71-8	Dichlorodifluoromethane	50	U	50	14
74-97-5	Bromochloromethane	50	U	50	8.6
75-27-4	Bromodichloromethane	50	U	50	4.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		57-135
2037-26-5	Toluene-d8 (Surr)	78		46-130
460-00-4	Bromofluorobenzene	101		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) | Lab Sample ID: 460-24279-8

Matrix: Solid | Lab File ID: j98785.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:35

Sample wt/vol: 5.53(g) | Date Analyzed: 03/31/2011 13:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.0 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 64400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	12.22	3300	J
	Unknown Cycloalkane	12.90	6900	J
	C10H14 Aromatic	13.62	6500	J
	Unknown Alkane	14.16	4500	J
	Decahydronaphthalene isomer	14.22	4100	J
	Unknown-1	14.74	11000	J
	Decahydromethylnaphthalene isomer	14.98	4400	J
	Decahydromethylnaphthalene isomer-1	15.27	6700	J
	Unknown Aromatic	15.80	7000	J
52417-50-2	Benzeneacetaldehyde, .alpha.,2,5-trimeth	16.48	10000	J N

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98785.d
Report Date: 31-Mar-2011 15:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98785.d
Lab Smp Id: 460-24279-D-8-A Client Smp ID: PMP-7-WT-E (8-8.5)
Inj Date : 31-MAR-2011 13:21
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24279-D-8-A;50;;5.53;5
Misc Info : 460-24279-D-8-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 9
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.53000	Weight of sample extracted (g)
M	8.96018	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	16 Acetone	58	4.405	4.374	(0.558)	4496	7.44307	370(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.496	7.470	(0.949)	390923	44.2802	2200
*	52 Fluorobenzene	96	7.899	7.874	(1.000)	1392480	50.0000	
	56 Methyl cyclohexane	83	8.574	8.564	(1.085)	32176	3.23412	160
$	65 Toluene-d8 (SUR)	98	9.768	9.748	(0.859)	967492	38.9825	1900
	66 Toluene	91	9.839	9.821	(0.866)	11551	0.35099	17(a)
*	78 Chlorobenzene-d5	117	11.365	11.348	(1.000)	1061437	50.0000	
	81 Ethylbenzene	106	11.485	11.467	(1.011)	13972	1.38588	69
	82 m+p-Xylene	106	11.595	11.583	(1.020)	50427	3.62922	180
	84 o-Xylene	106	12.016	11.999	(1.057)	51327	3.71338	180
	88 Isopropylbenzene	105	12.370	12.356	(1.088)	109726	3.53216	180
$	89 Bromofluorobenzene (SUR)	174	12.554	12.549	(0.910)	562715	50.3370	2500
	97 1,3,5-Trimethylbenzene	105	12.956	12.944	(0.939)	751124	31.9233	1600
	101 1,2,4-Trimethylbenzene	105	13.366	13.353	(0.969)	628503	24.1912	1200

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98785.d
Report Date: 31-Mar-2011 15:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
103 sec-Butylbenzene	105	13.550	13.545	(0.982)	500658	15.3598	760
105 1,3-Dichlorobenzene	146	13.727	13.711	(0.995)	7185	0.43175	21(a)
107 p-Isopropyltoluene	119	13.684	13.683	(0.992)	507250	18.6147	920(H)
* 108 1,4-Dichlorobenzene-d4	152	13.800	13.784	(1.000)	589135	50.0000	
109 1,4-Dichlorobenzene	146	13.828	13.810	(1.002)	14336	0.67167	33(aH)
114 1,2,4-Trichlorobenzene	180	16.422	16.409	(1.190)	847278	75.8699	3800
117 1,2,3-Trichlorobenzene	180	17.290	17.274	(1.253)	101437	12.1190	600
M 121 Xylene (Total)	100				101754	7.34260	360

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98785.d
Report Date: 31-Mar-2011 15:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98785.d
Lab Smp Id: 460-24279-D-8-A Client Smp ID: PMP-7-WT-E (8-8.5)
Inj Date : 31-MAR-2011 13:21
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24279-D-8-A;50;;5.53;5
Misc Info : 460-24279-D-8-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 9
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.53000	Weight of sample extracted (g)
M	8.96018	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Fluorobenzene	7.899	3064255	50.000
* 78 Chlorobenzene-d5	11.365	3620235	50.000
* 108 1,4-Dichlorobenzene-d4	13.800	4885430	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C8H18 Alkane				CAS #:			
7.625	2619676	42.7457266	2100	0	0		52

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98785.d
Report Date: 31-Mar-2011 15:40

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
12.216	4816596	66.5232540	3300	0		0	78
Unknown Cycloalkane					CAS #:		
12.900	13667804	139.883322	6900	0		0	108(L)
Ethylmethylbenzene isomer					CAS #:		
13.193	5858621	59.9601335	3000	0		0	108
C10H14 Aromatic					CAS #:		
13.615	12775865	130.754767	6500	0		0	108(L)
Unknown Alkane					CAS #:		
14.156	8925614	91.3493132	4500	0		0	108
Decahydronaphthalene isomer					CAS #:		
14.220	8054249	82.4313169	4100	0		0	108(L)
Methylpropylbenzene isomer					CAS #:		
14.367	3973401	40.6658309	2000	0		0	108
Ethyldimethylbenzene isomer					CAS #:		
14.477	4042742	41.3755024	2000	0		0	108
Ethyldimethylbenzene isomer-1					CAS #:		
14.567	6228097	63.7415385	3200	0		0	108
Unknown-1					CAS #:		
14.742	22129063	226.480193	11000	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
14.982	8703287	89.0739086	4400	0		0	108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.268	13129466	134.373697	6700	0		0	108
Unknown-2					CAS #:		
15.442	4032566	41.2713504	2000	0		0	108
Unknown Aromatic					CAS #:		
15.799	13869525	141.947844	7000	0		0	108
Tetrahydronaphthalene isomer					CAS #:		
16.082	4364580	44.6693512	2200	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98785.d
Report Date: 31-Mar-2011 15:40

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
16.255	3844381	39.3453677	2000	0		0	108
Benzeneacetaldehyde, .alpha.,2,5-trimeth					CAS #: 52417-50-2		
16.477	19960253	204.283477	10000	38	NIST02.l	30590	108(L)
Tetrahydromethylnaphthalene isomer					CAS #:		
16.981	5100935	52.2055856	2600	0		0	108
Tetrahydromethylnaphthalene isomer-1					CAS #:		
17.877	3895298	39.8664854	2000	0		0	108

QC Flag Legend

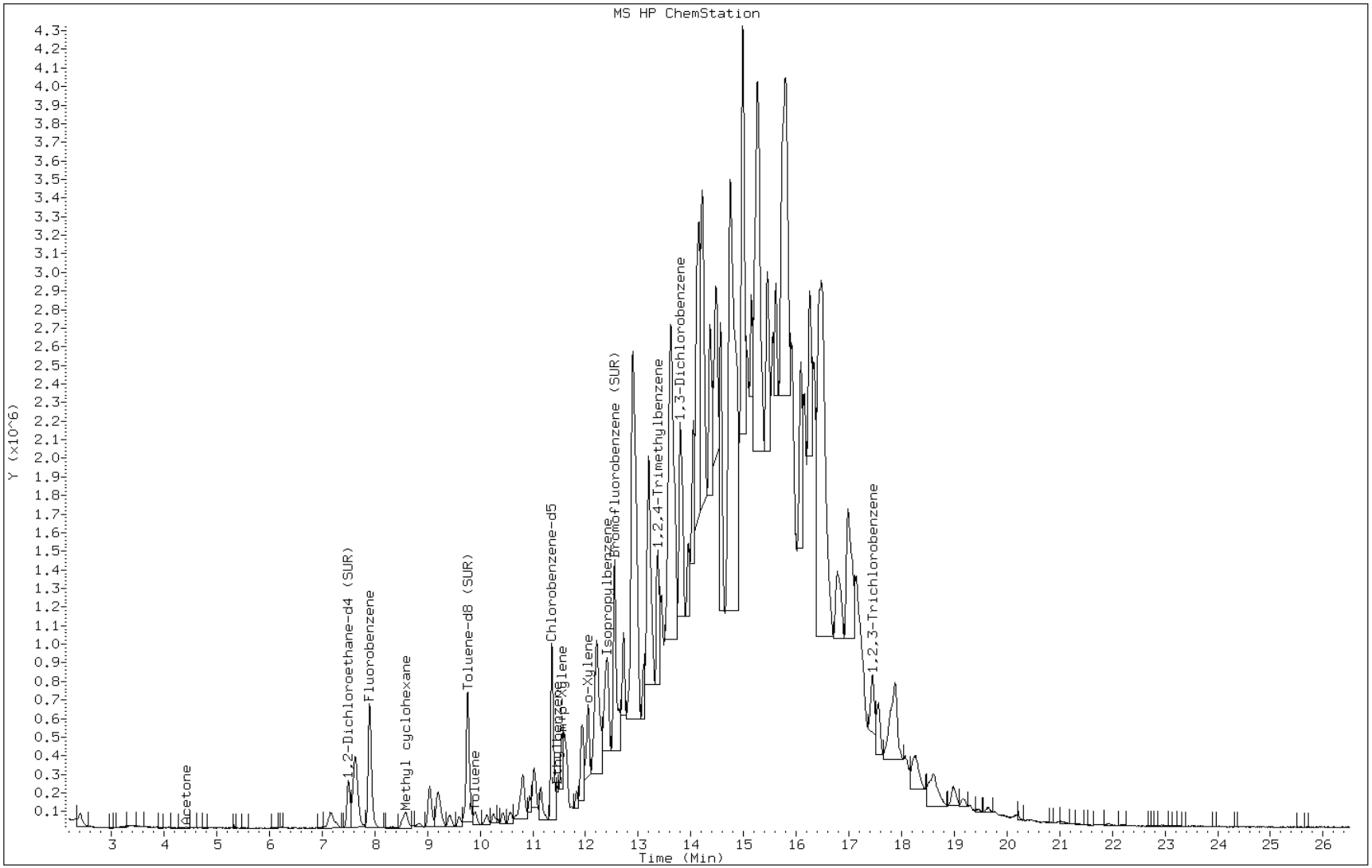
L - Operator selected an alternate library search match.

Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:



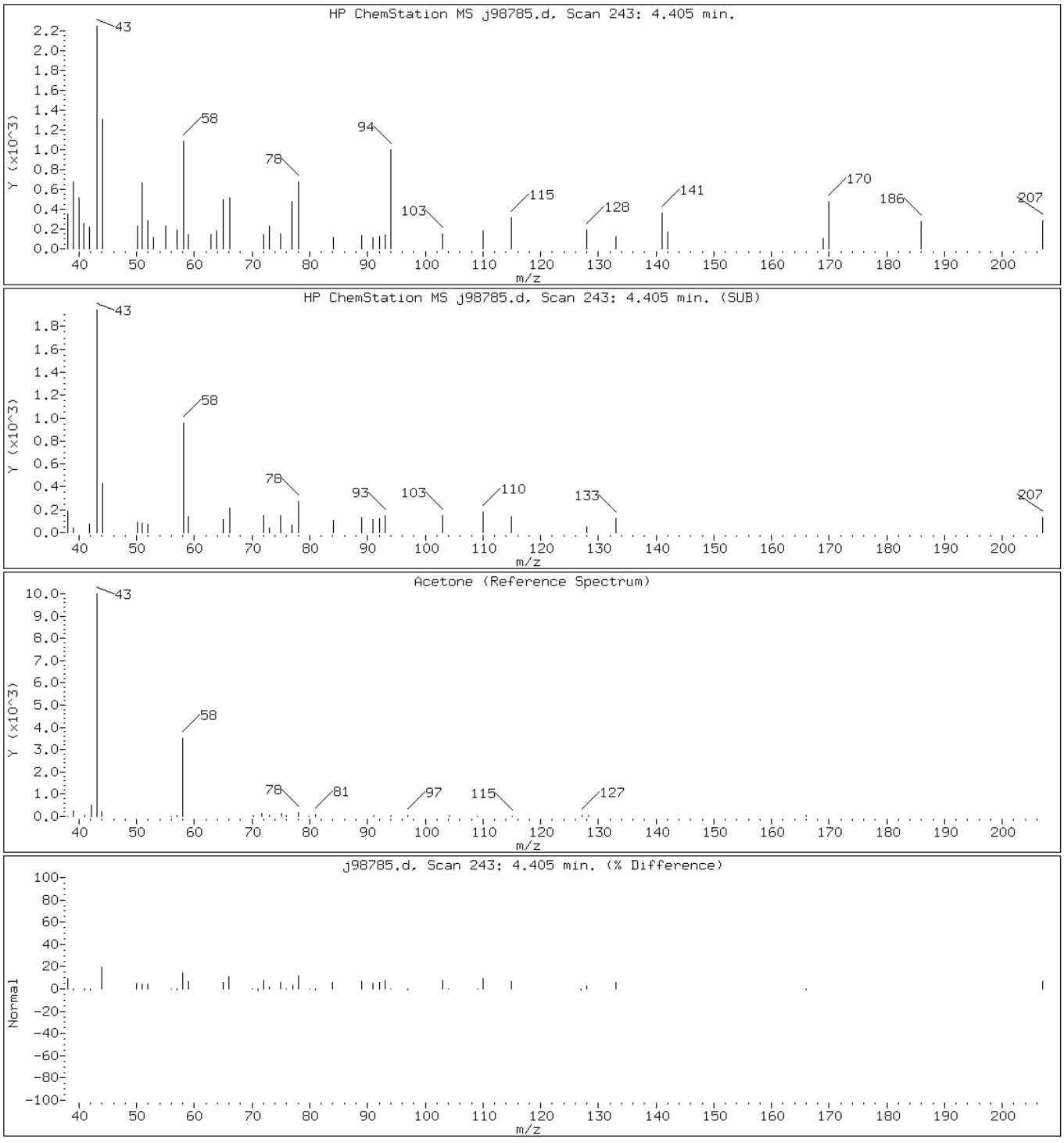
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

16 Acetone



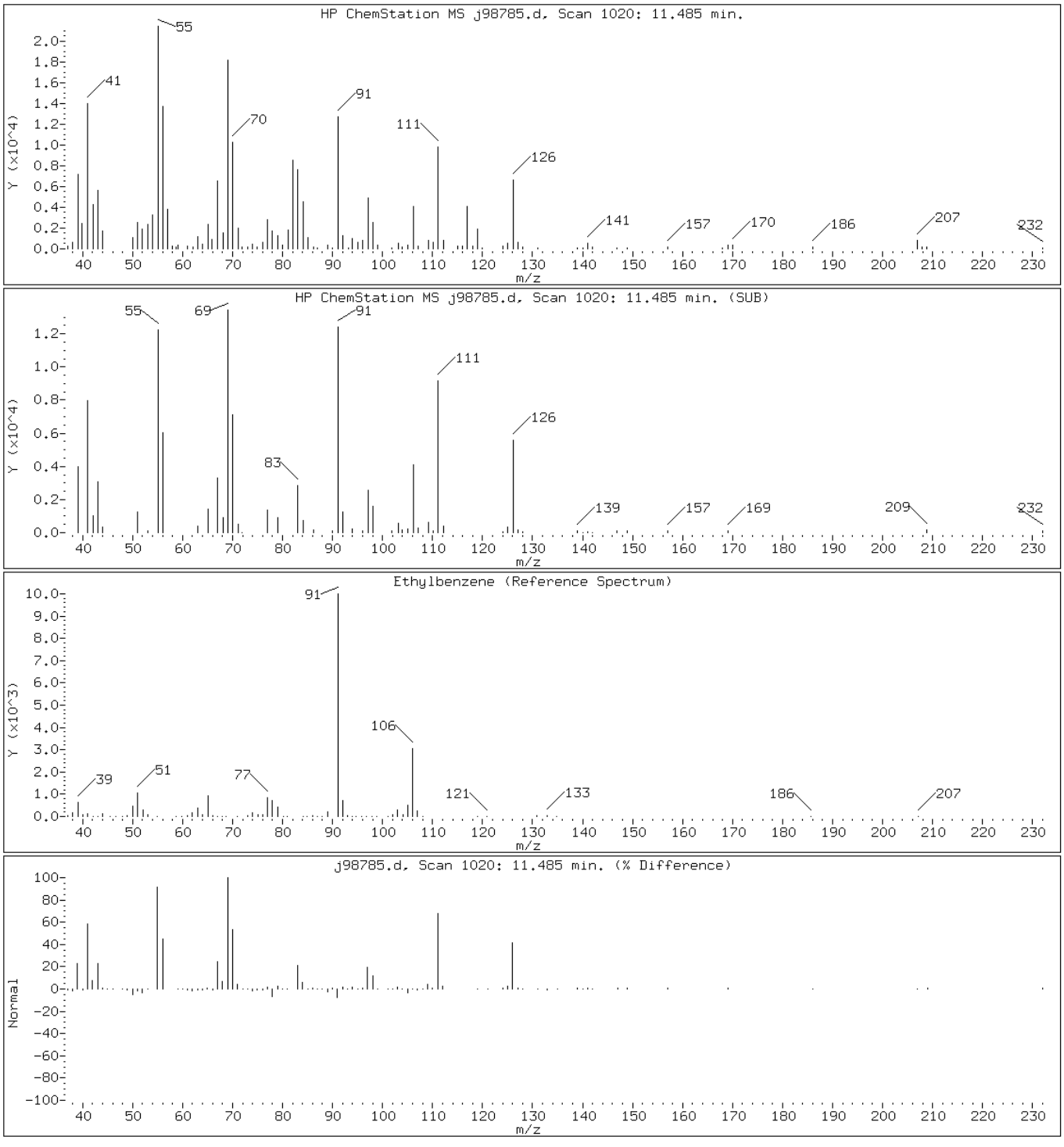
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

81 Ethylbenzene



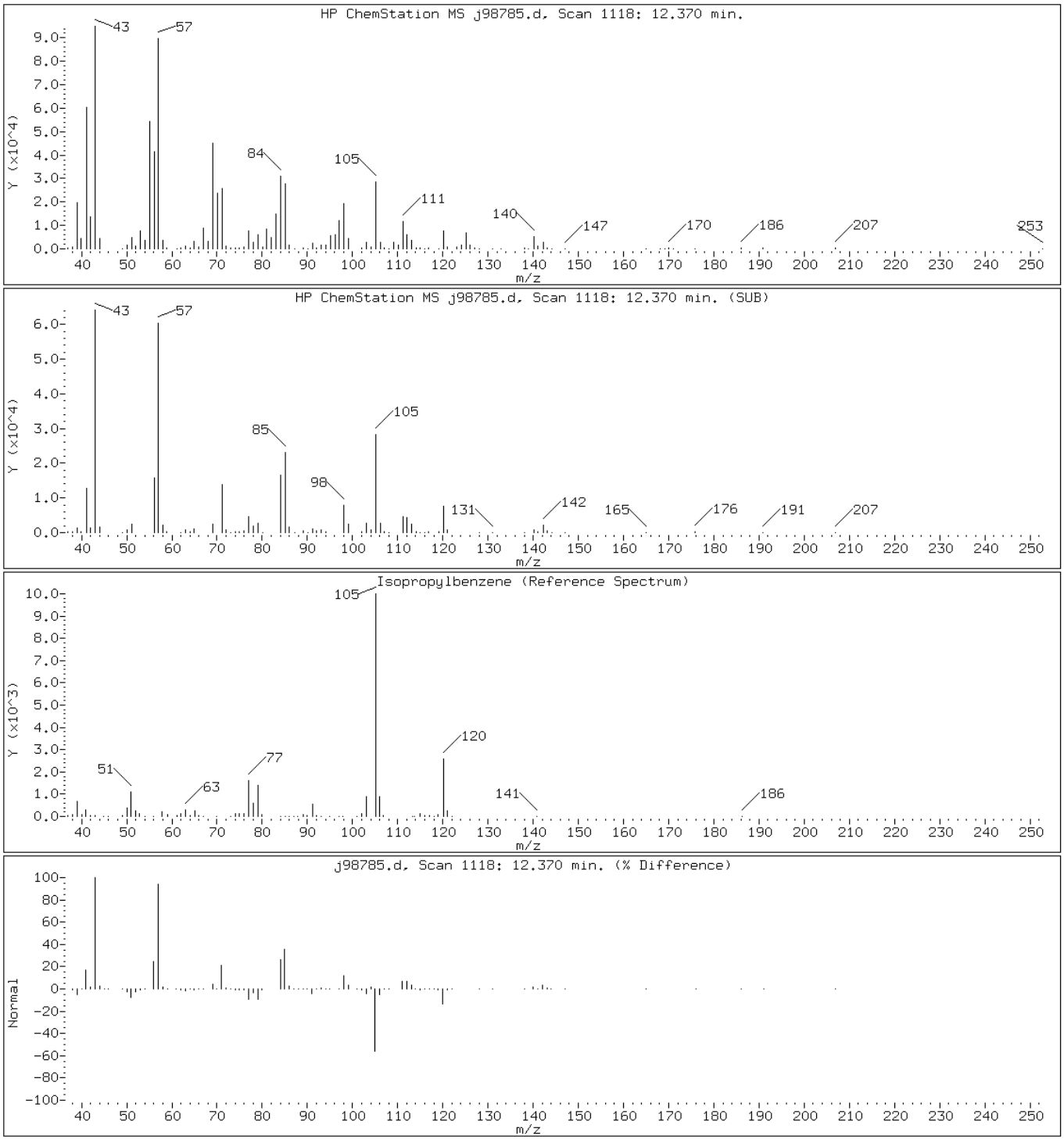
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

88 Isopropylbenzene



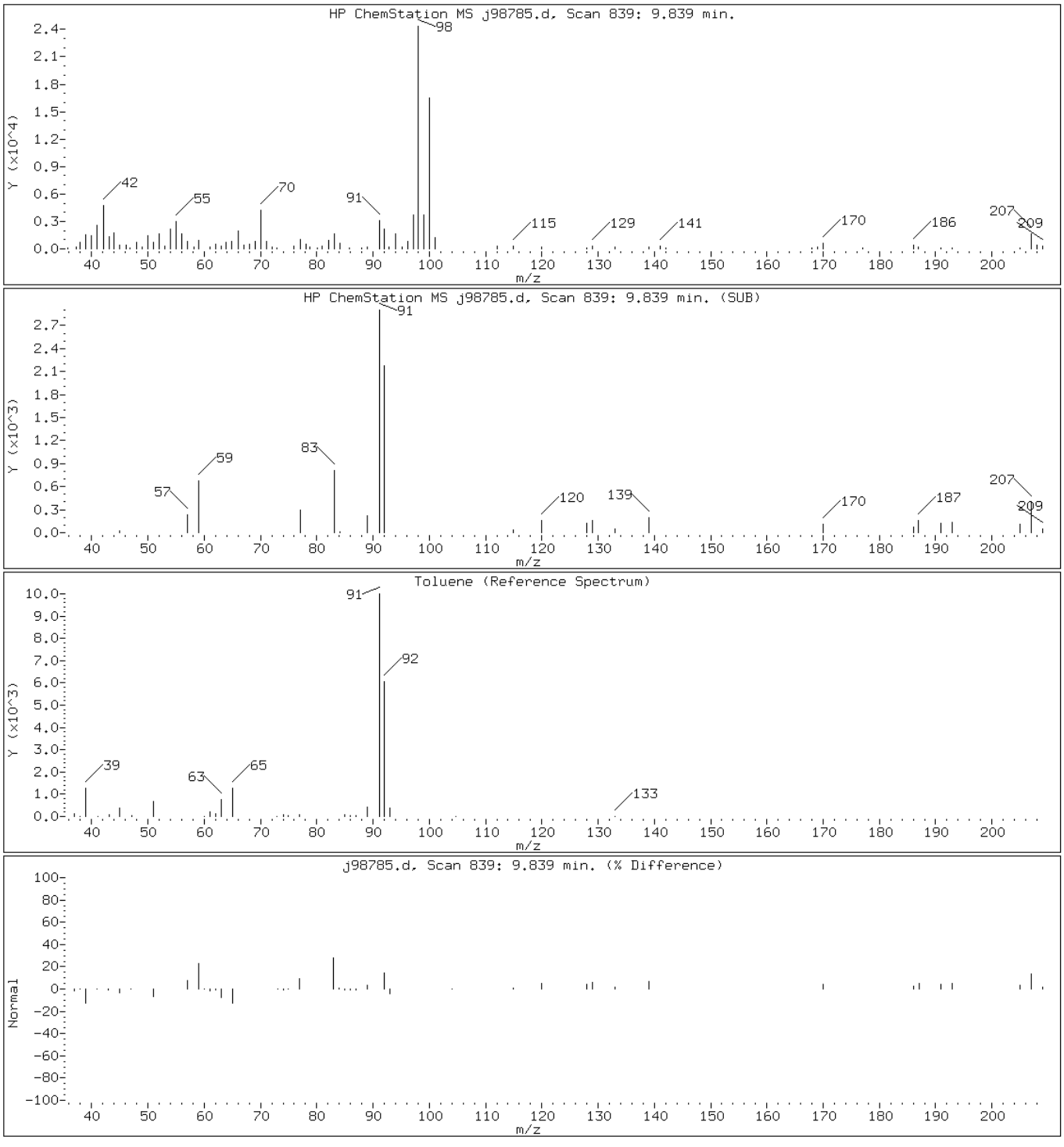
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

66 Toluene



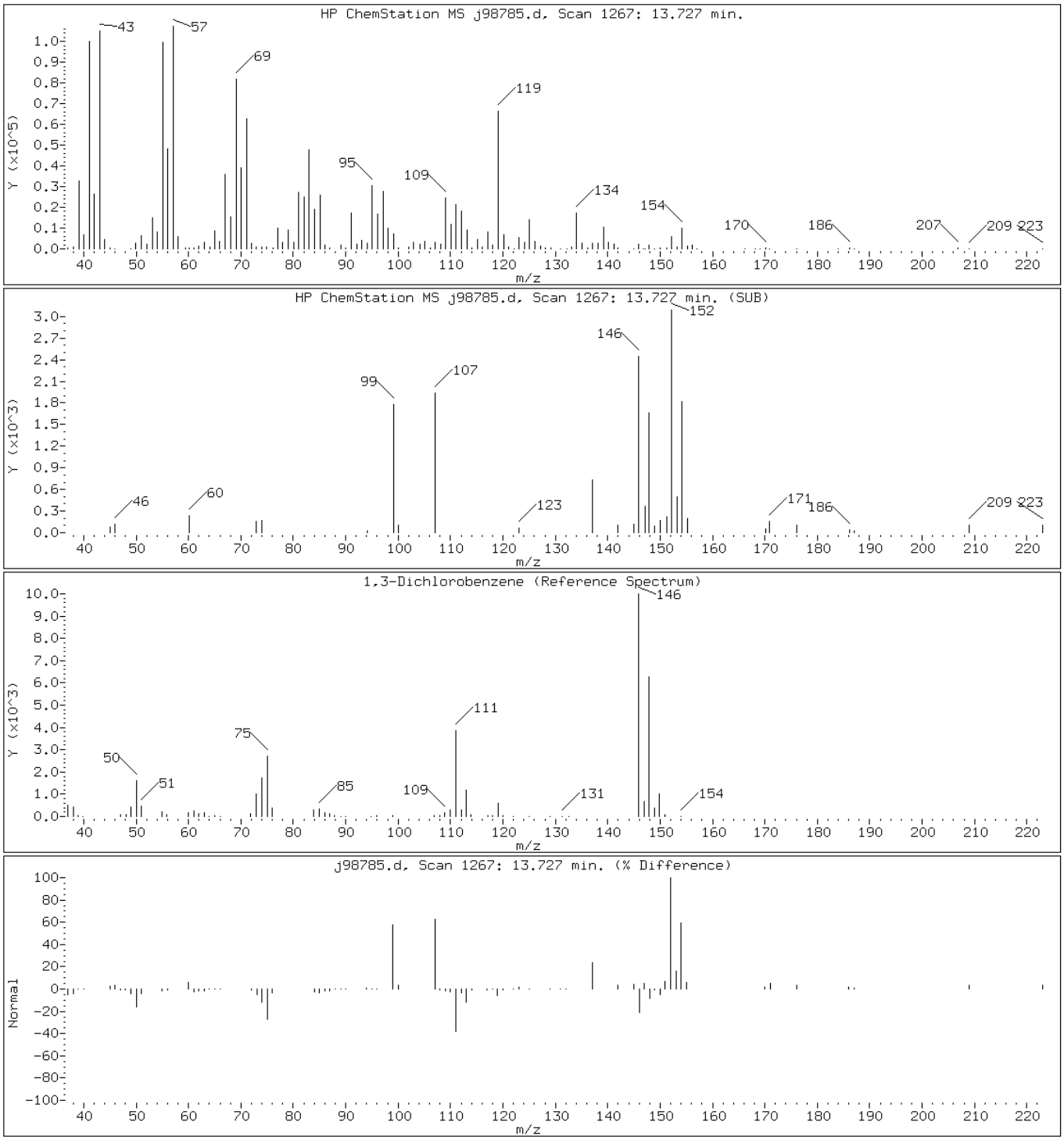
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

105 1,3-Dichlorobenzene



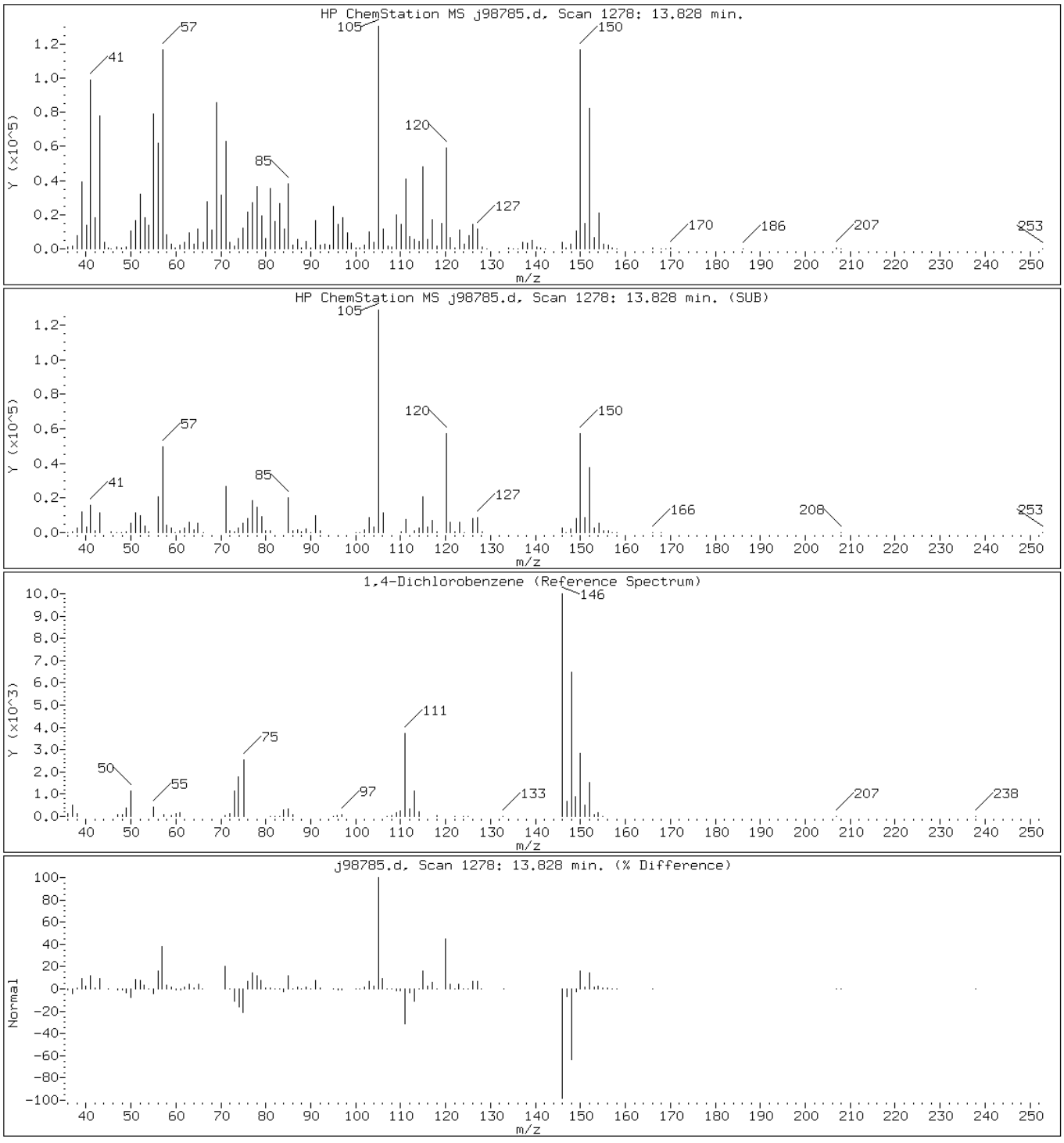
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

109 1,4-Dichlorobenzene



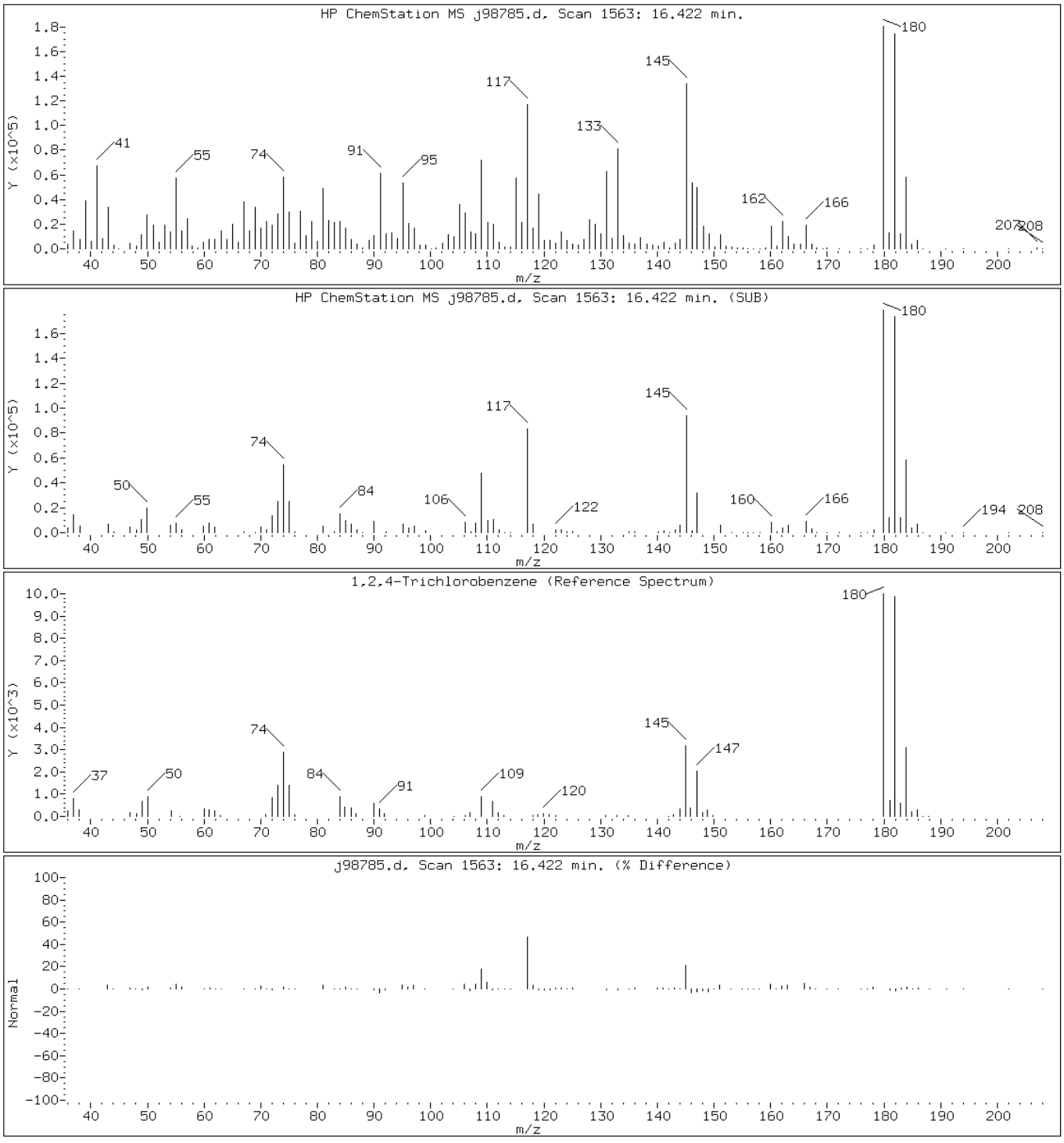
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

114 1,2,4-Trichlorobenzene



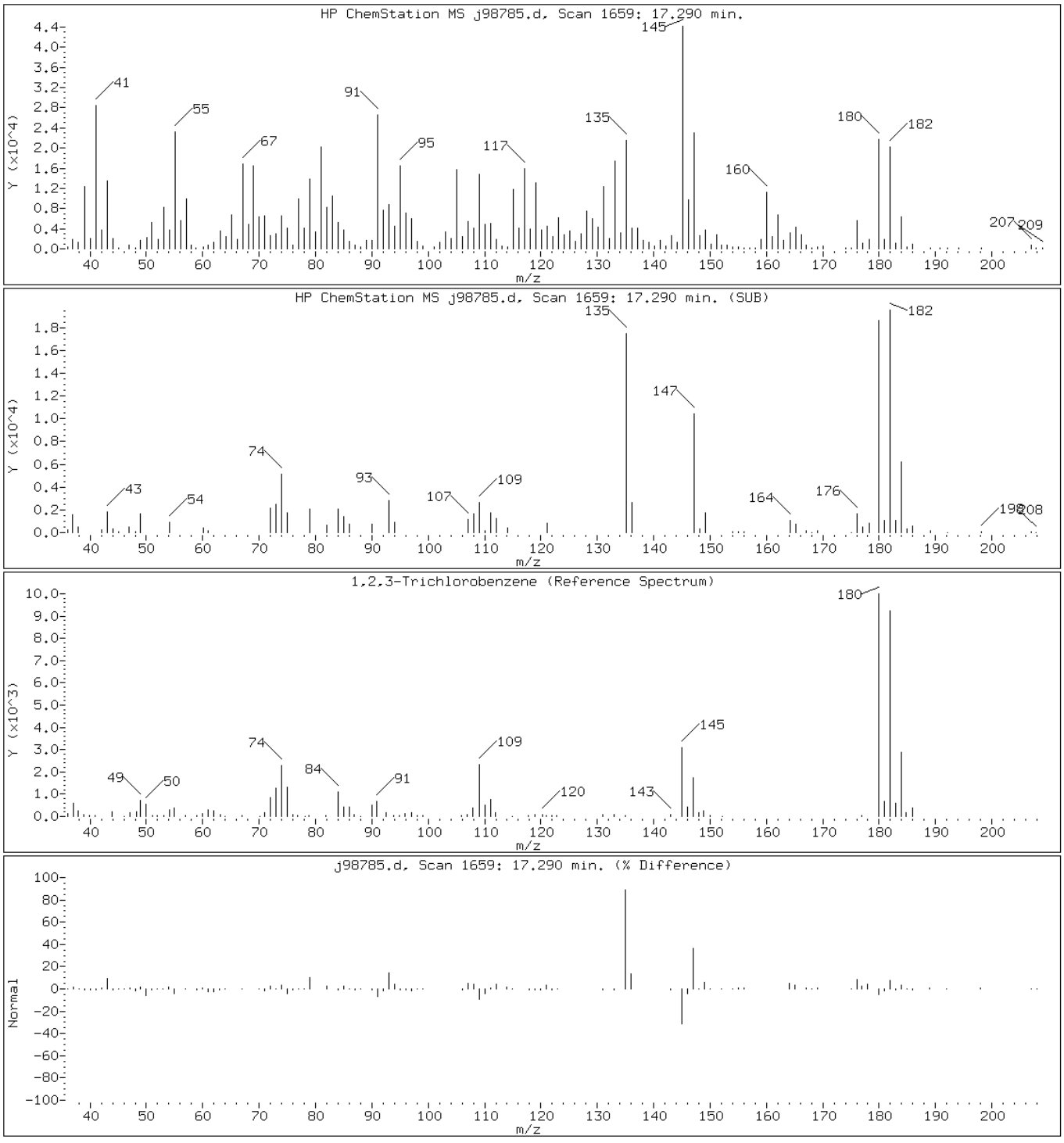
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

117 1,2,3-Trichlorobenzene



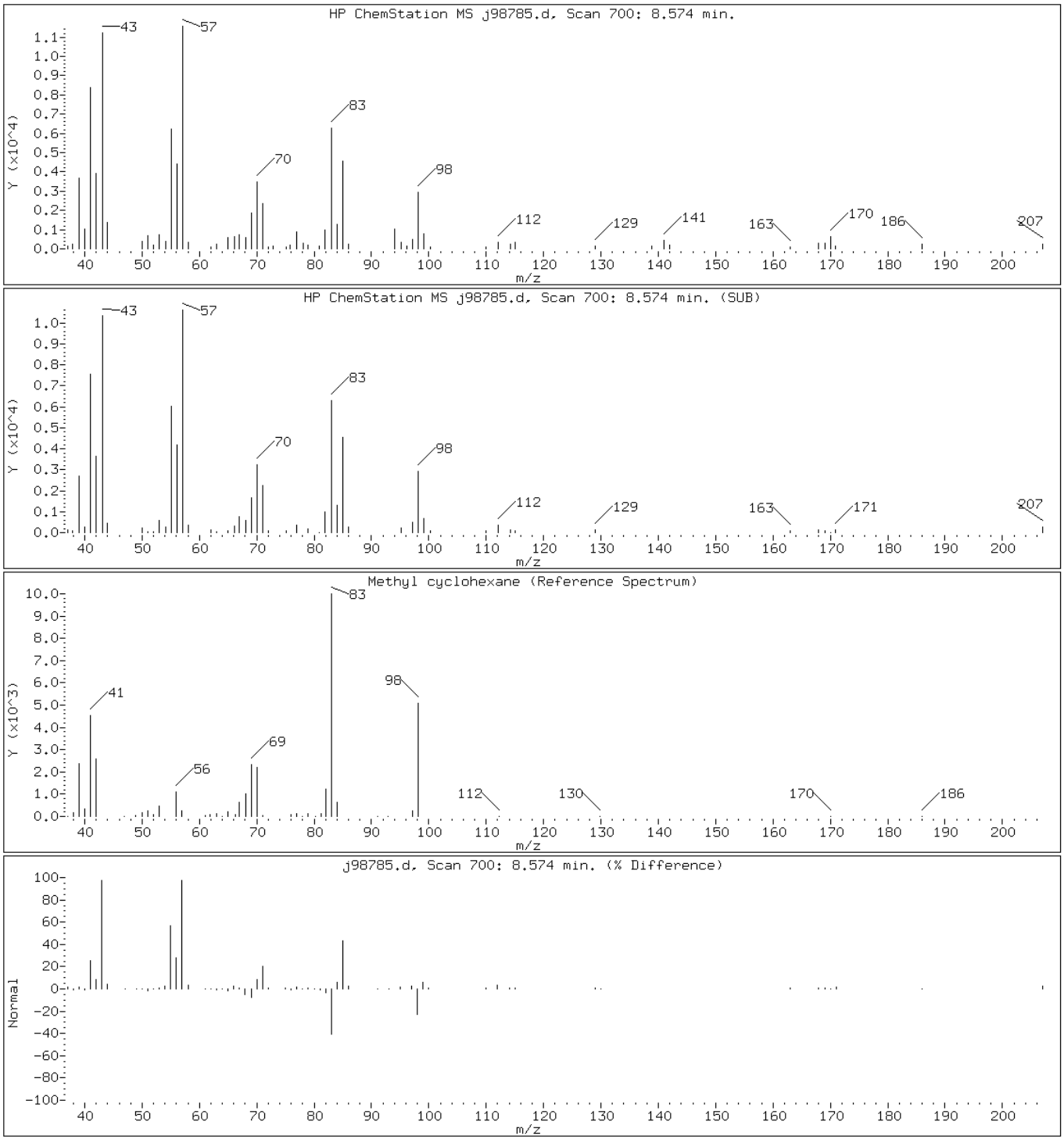
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

56 Methyl cyclohexane



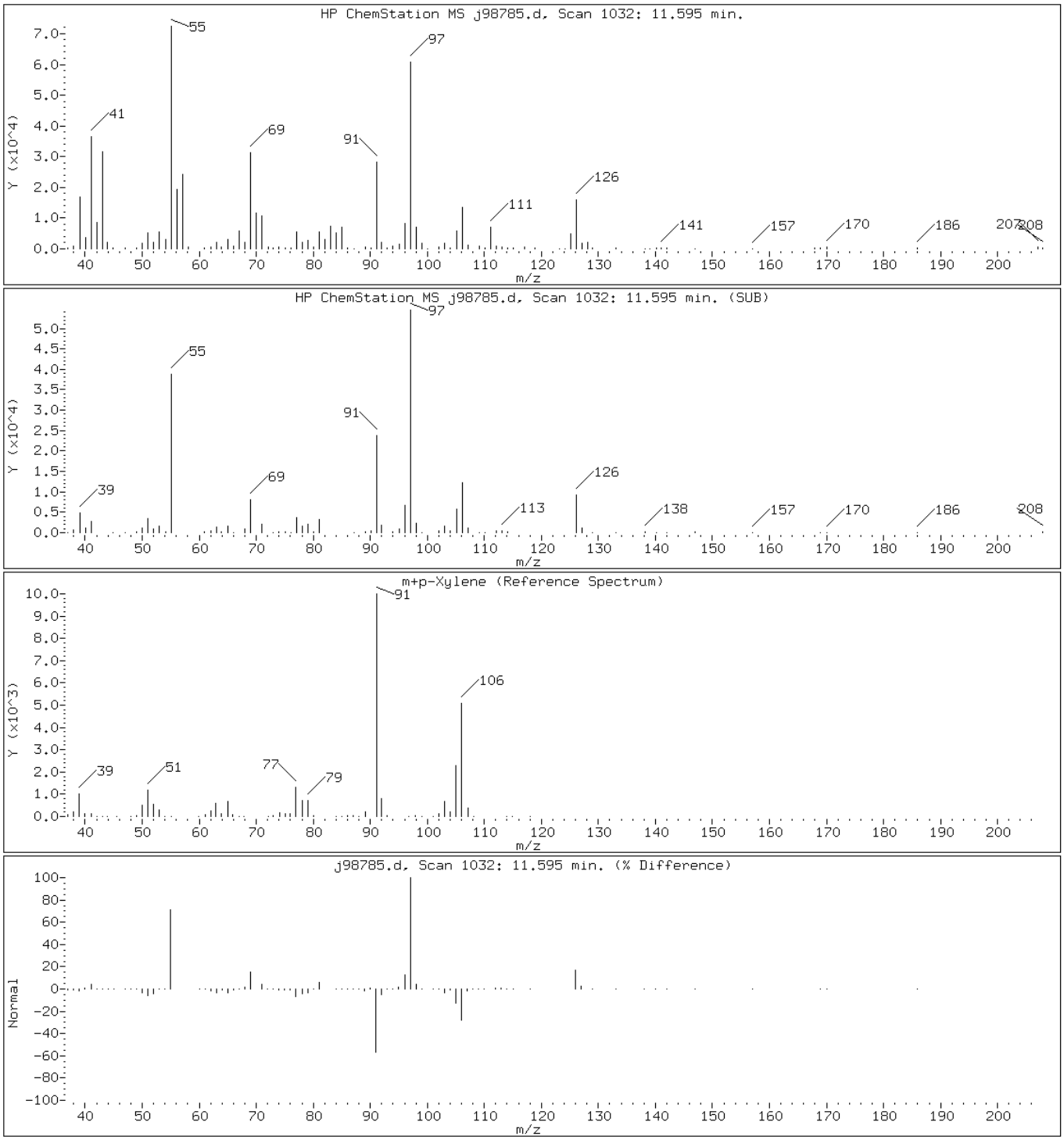
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

82 m+p-Xylene



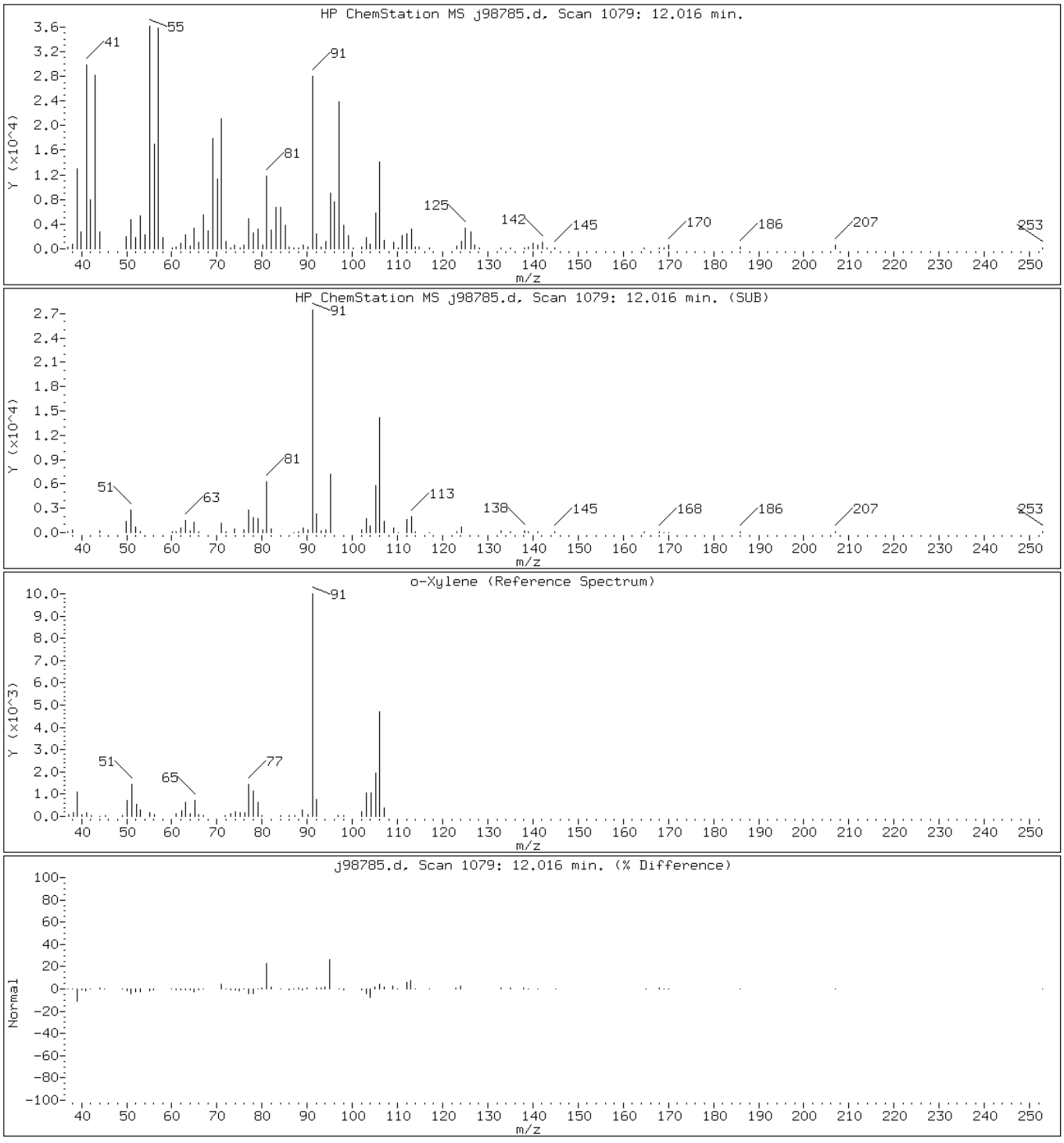
Data File: j98785.d

Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

84 o-Xylene



Data File: j98785.d

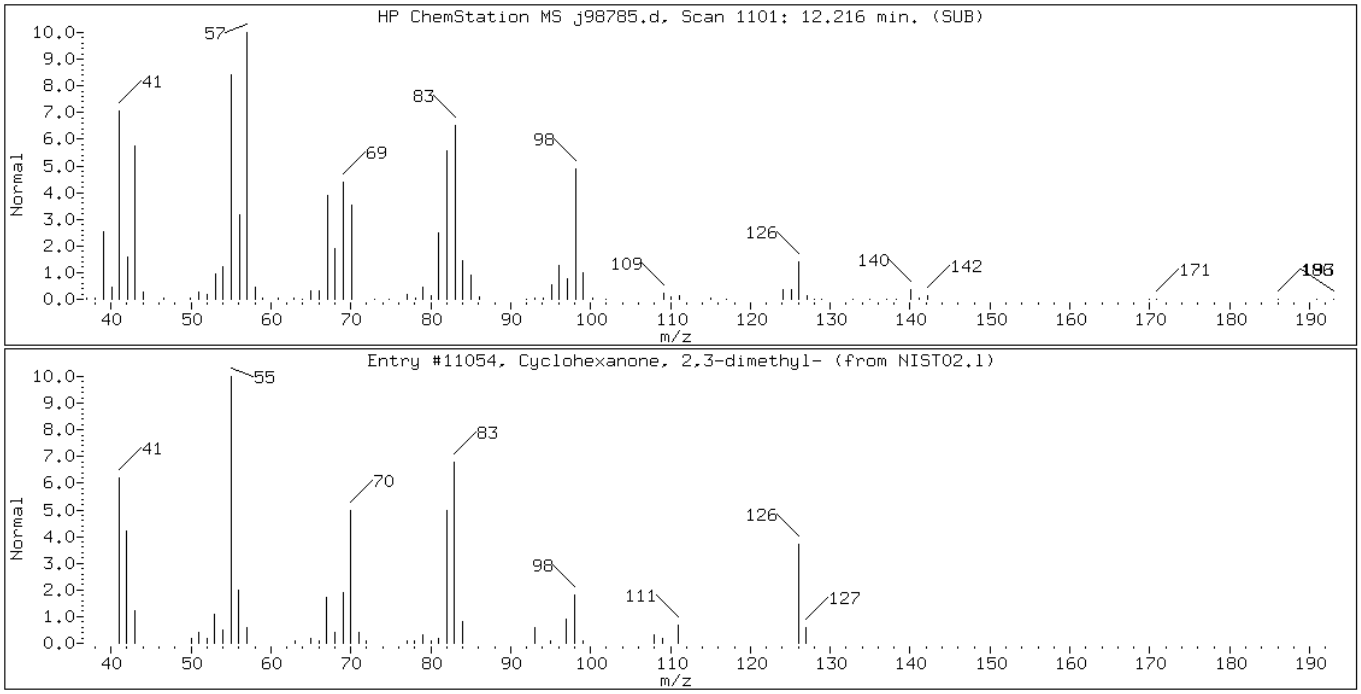
Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

Retention Time: 12.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexanone, 2,3-dimethyl-	13395-76-1	NIST02.l	11054	46	C8H14O	126



Data File: j98785.d

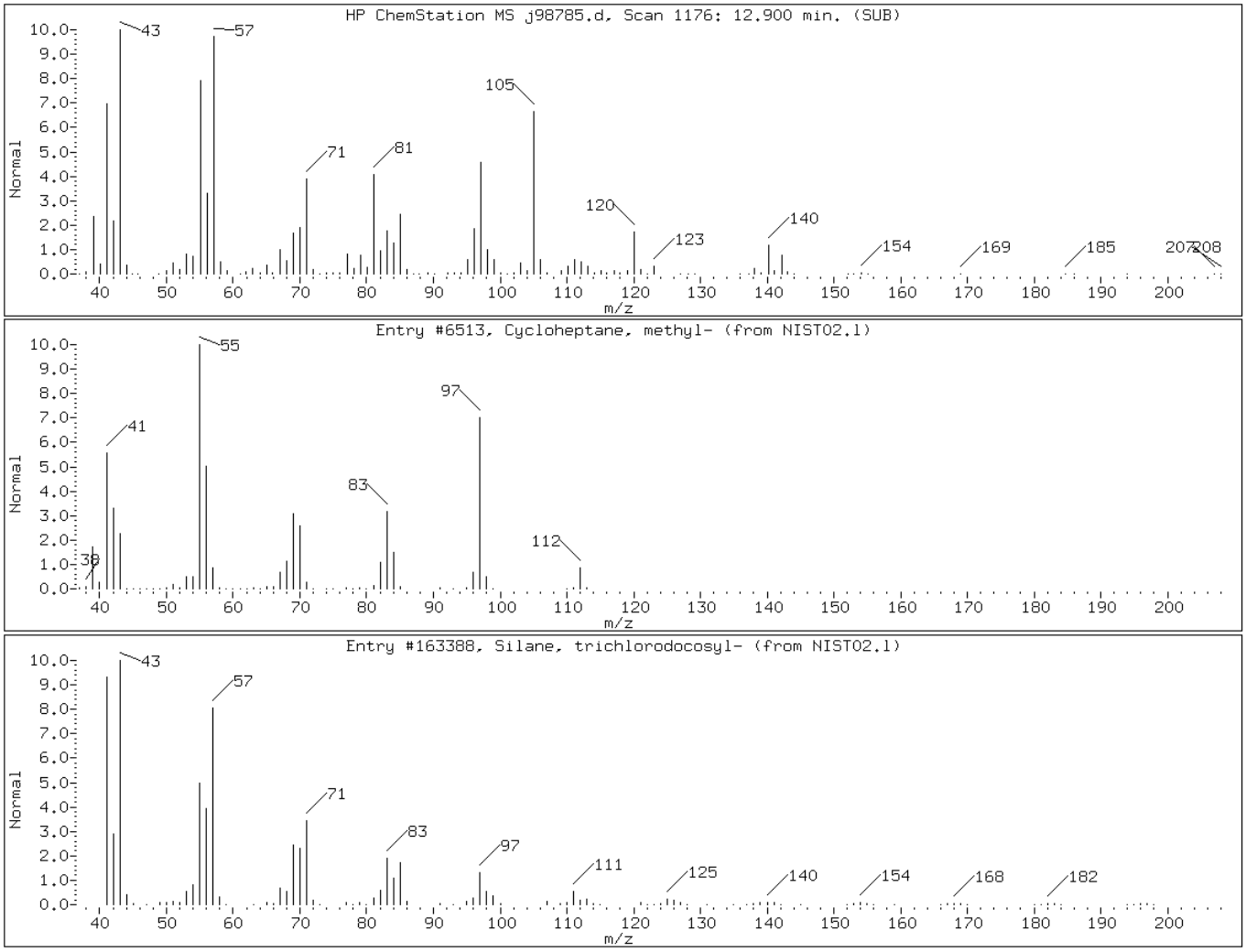
Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

Retention Time: 12.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cycloheptane, methyl-	4126-78-7	NIST02.l	6513	46	C8H16	112
Silane, trichlorodocosyl-	7325-84-0	NIST02.l	163388	38	C22H45Cl3Si	442



Data File: j98785.d

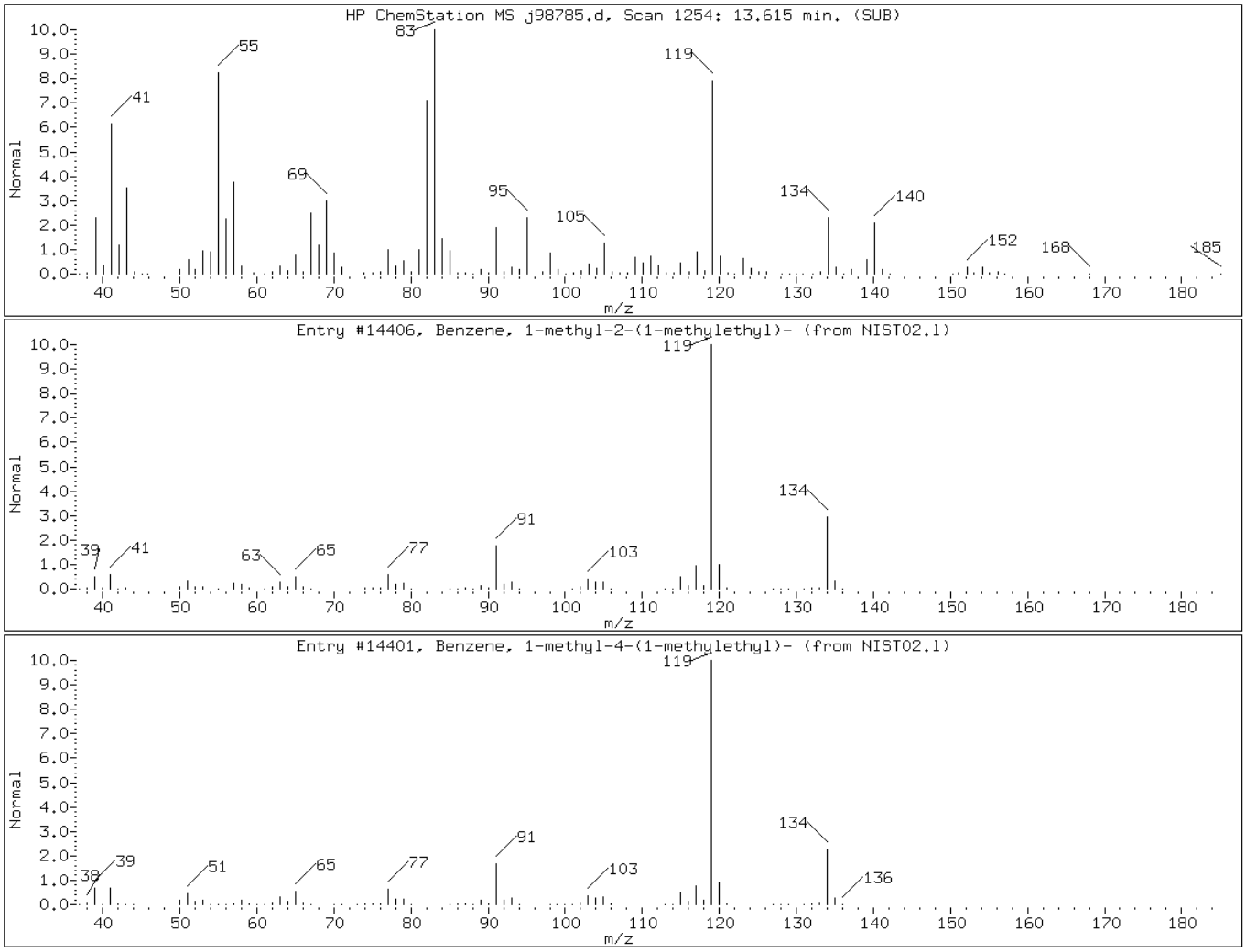
Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

Retention Time: 13.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	83	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	60	C10H14	134



Data File: j98785.d

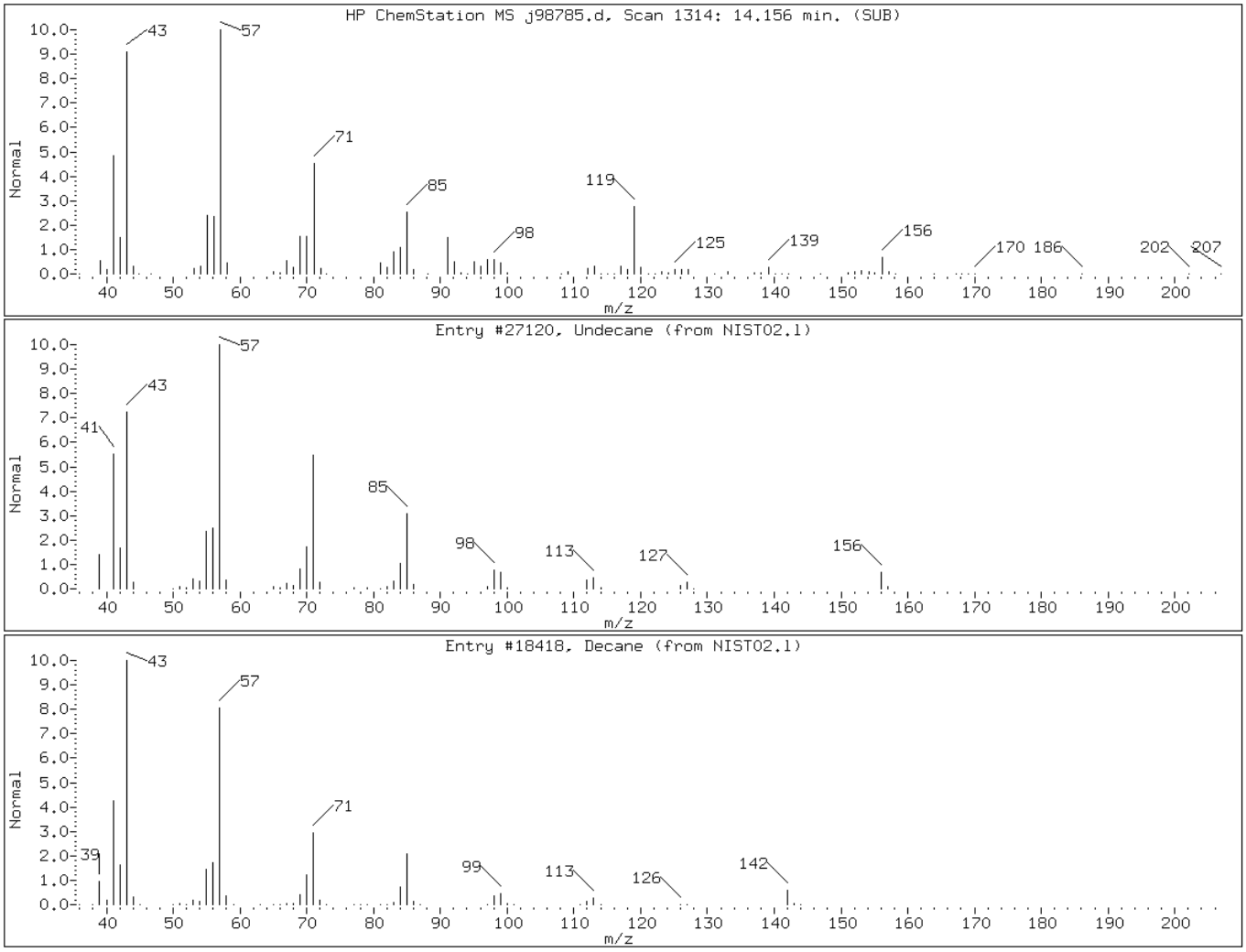
Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

Retention Time: 14.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Undecane	1120-21-4	NIST02.l	27120	96	C11H24	156
Decane	124-18-5	NIST02.l	18418	64	C10H22	142



Data File: j98785.d

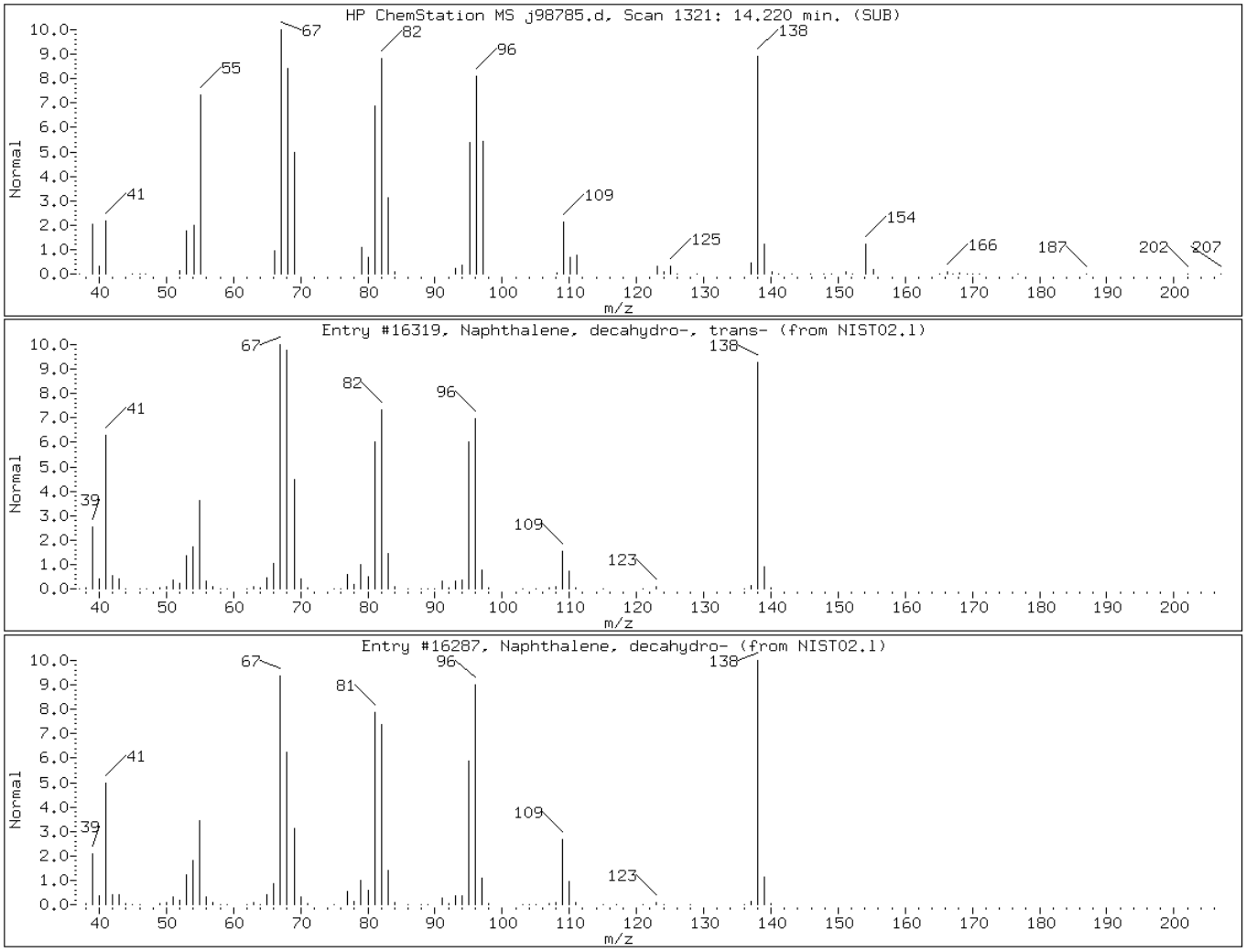
Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

Retention Time: 14.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	96	C10H18	138
Naphthalene, decahydro-	91-17-8	NIST02.l	16287	93	C10H18	138



Data File: j98785.d

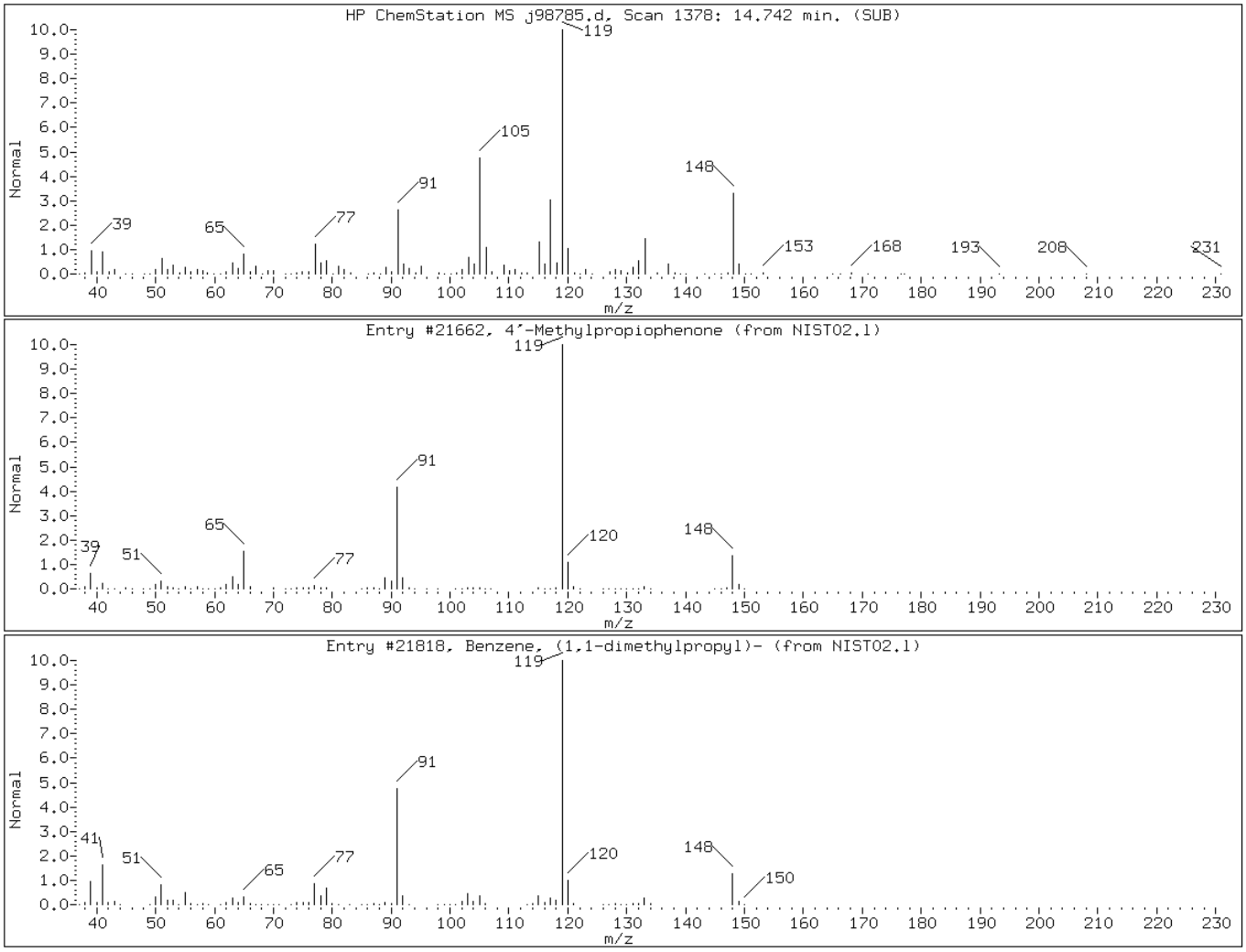
Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
4'-Methylpropiophenone	5337-93-9	NIST02.l	21662	58	C10H12O	148
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.l	21818	53	C11H16	148



Data File: j98785.d

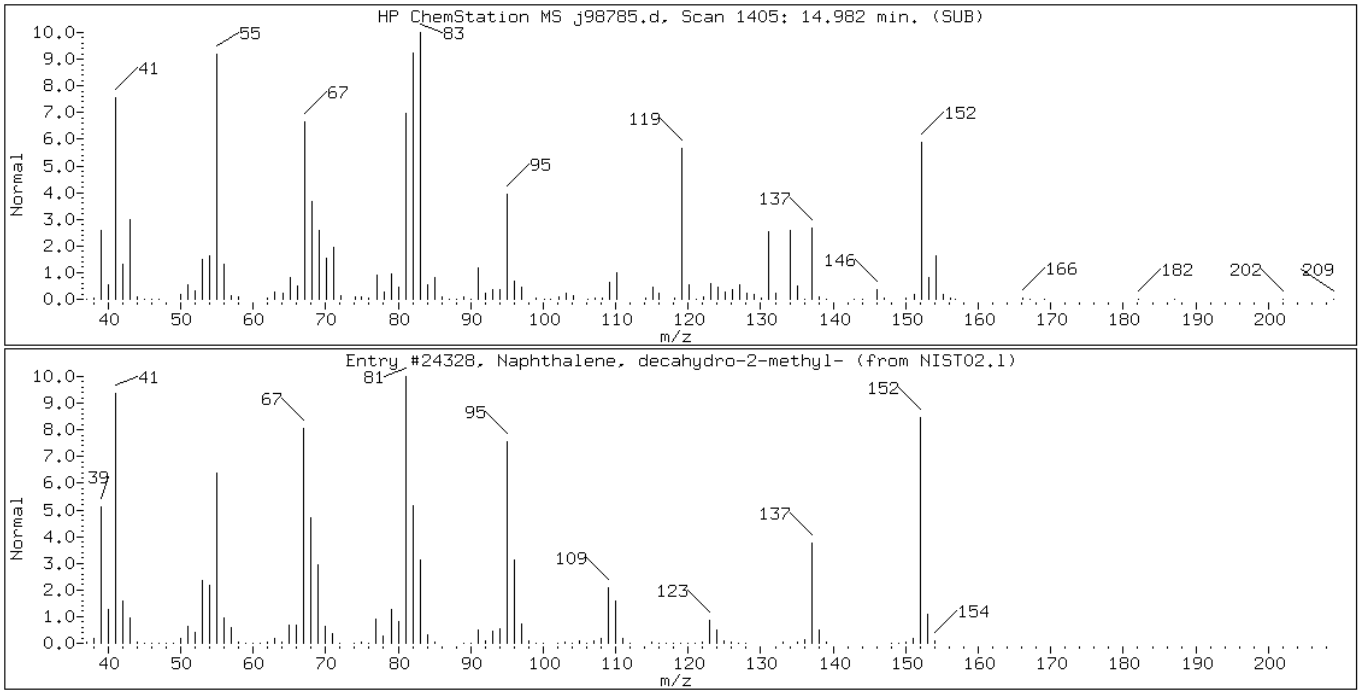
Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

Retention Time: 14.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	50	C11H20	152



Data File: j98785.d

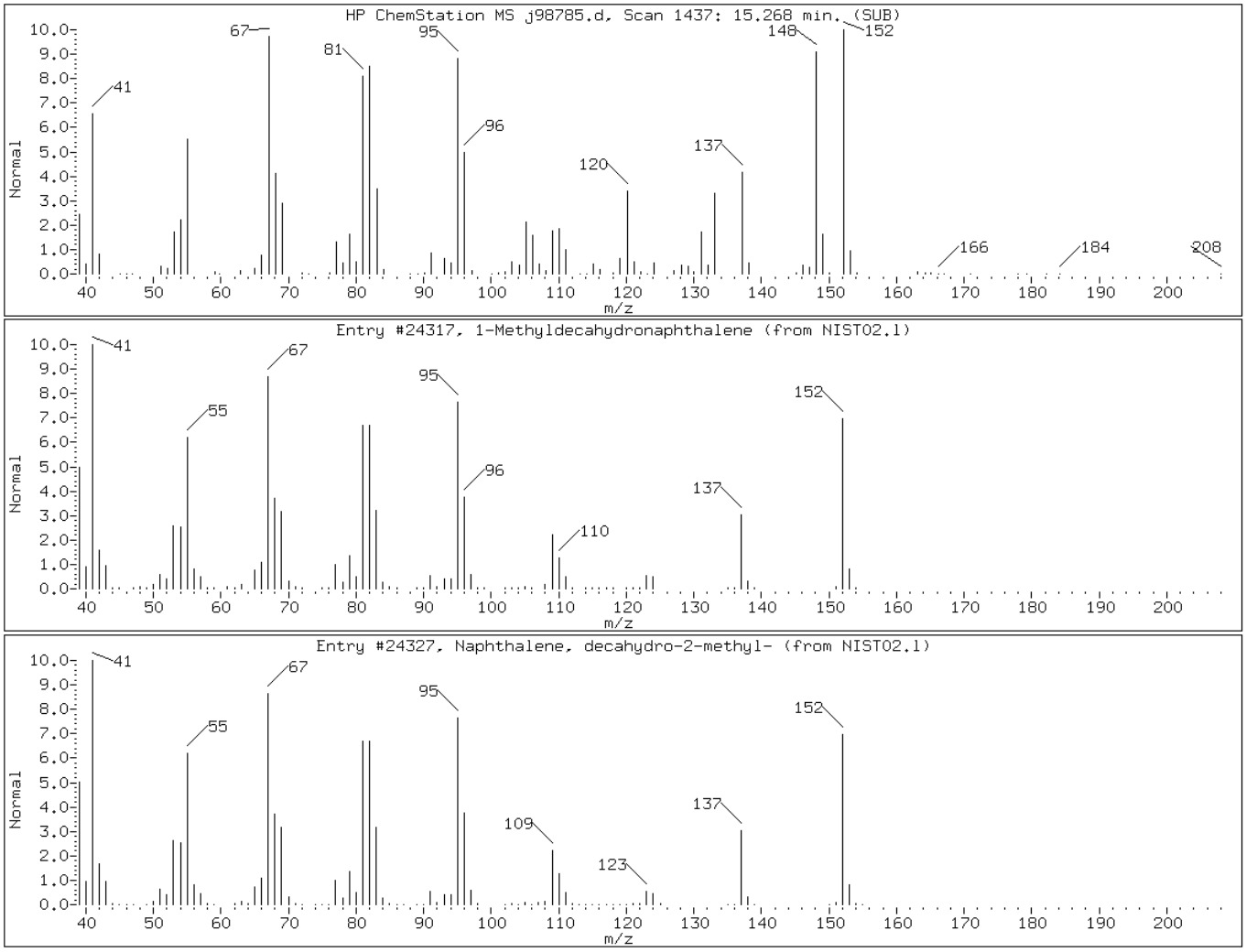
Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

Retention Time: 15.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	83	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	83	C11H20	152



Data File: j98785.d

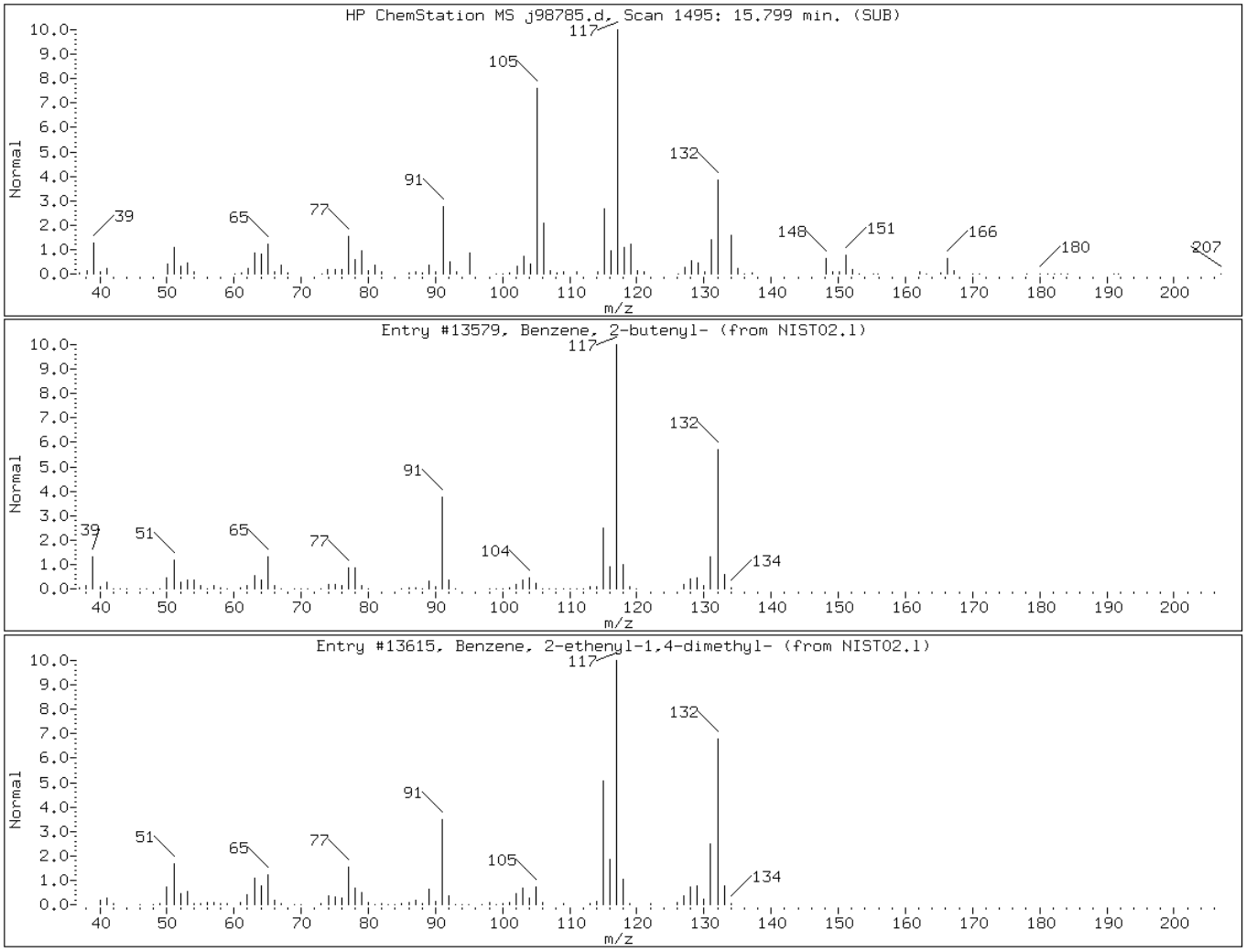
Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

Retention Time: 15.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13579	93	C10H12	132
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13615	90	C10H12	132



Data File: j98785.d

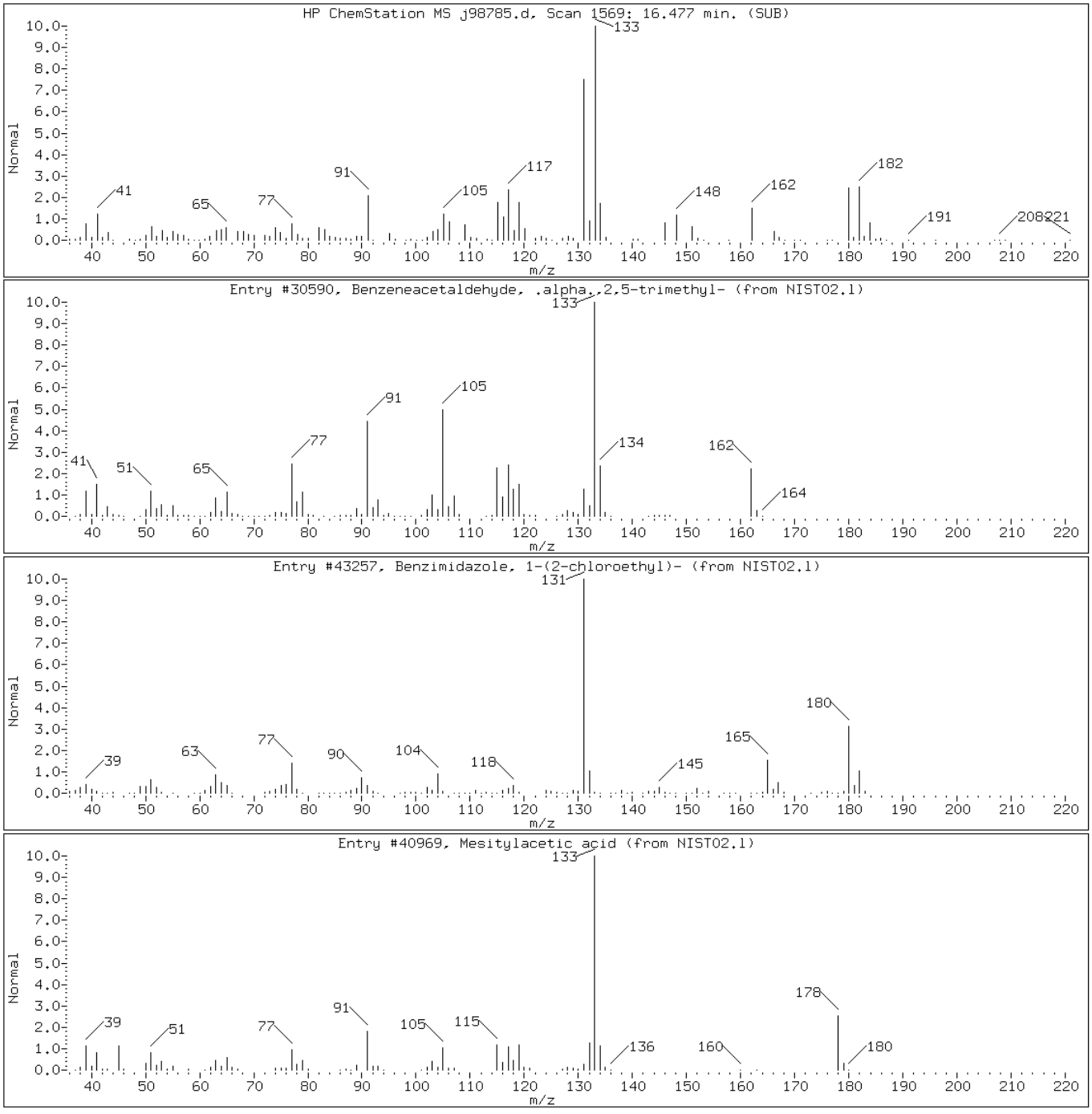
Date: 31-MAR-2011 13:21

Client ID: PMP-7-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24279-D-8-A;50;;5.53;5 Operator:

Retention Time: 16.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzeneacetaldehyde, .alpha.,2,5-t	52417-50-2	NIST02.l	30590	38	C11H14O	162
Benzimidazole, 1-(2-chloroethyl)-	22492-19-9	NIST02.l	43257	27	C9H9ClN2	180
Mesitylacetic acid	4408-60-0	NIST02.l	40969	27	C11H14O2	178



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) | Lab Sample ID: 460-24279-9

Matrix: Solid | Lab File ID: j98786.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:40

Sample wt/vol: 9.47(g) | Date Analyzed: 03/31/2011 13:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.6 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	30	U	30	6.4
74-83-9	Bromomethane	30	U	30	9.5
75-01-4	Vinyl chloride	30	U	30	3.6
75-00-3	Chloroethane	30	U	30	13
75-09-2	Methylene Chloride	30	U	30	5.8
67-64-1	Acetone	300	U	300	75
75-15-0	Carbon disulfide	30	U	30	4.4
75-69-4	Trichlorofluoromethane	30	U	30	4.7
75-35-4	1,1-Dichloroethene	30	U	30	4.3
75-34-3	1,1-Dichloroethane	30	U	30	3.0
156-60-5	trans-1,2-Dichloroethene	30	U	30	4.2
156-59-2	cis-1,2-Dichloroethene	30	U	30	5.8
67-66-3	Chloroform	30	U	30	4.7
78-93-3	2-Butanone	300	U	300	25
107-06-2	1,2-Dichloroethane	30	U	30	7.4
71-55-6	1,1,1-Trichloroethane	30	U	30	7.5
56-23-5	Carbon tetrachloride	30	U	30	5.4
71-43-2	Benzene	30	U	30	3.6
75-25-2	Bromoform	30	U	30	3.0
100-42-5	Styrene	30	U	30	4.2
100-41-4	Ethylbenzene	34		30	7.5
108-90-7	Chlorobenzene	30	U	30	5.0
110-82-7	Cyclohexane	30	U	30	3.7
98-82-8	Isopropylbenzene	52		30	6.4
591-78-6	2-Hexanone	300	U	300	16
1634-04-4	MTBE	30	U	30	5.6
76-13-1	Freon TF	30	U	30	8.7
79-20-9	Methyl acetate	60	U	60	9.9
123-91-1	1,4-Dioxane	1500	U	1500	260
79-01-6	Trichloroethene	30	U	30	5.4
108-88-3	Toluene	7.2	J	30	2.9
10061-02-6	trans-1,3-Dichloropropene	30	U	30	3.7
108-10-1	4-Methyl-2-pentanone	300	U	300	21
10061-01-5	cis-1,3-Dichloropropene	30	U	30	3.1
95-50-1	1,2-Dichlorobenzene	30	U	30	4.9
541-73-1	1,3-Dichlorobenzene	30	U	30	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) | Lab Sample ID: 460-24279-9

Matrix: Solid | Lab File ID: j98786.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:40

Sample wt/vol: 9.47(g) | Date Analyzed: 03/31/2011 13:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.6 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	30	U	30	4.6
120-82-1	1,2,4-Trichlorobenzene	1100		30	13
87-61-6	1,2,3-Trichlorobenzene	270		30	25
78-87-5	1,2-Dichloropropane	30	U	30	2.6
108-87-2	Methylcyclohexane	76		30	2.4
127-18-4	Tetrachloroethene	30	U	30	5.9
1330-20-7	Xylenes, Total	150		91	13
96-12-8	1,2-Dibromo-3-Chloropropane	30	U	30	4.6
79-34-5	1,1,2,2-Tetrachloroethane	30	U	30	2.6
79-00-5	1,1,2-Trichloroethane	30	U	30	2.9
124-48-1	Dibromochloromethane	30	U	30	3.0
106-93-4	1,2-Dibromoethane	30	U	30	2.8
75-71-8	Dichlorodifluoromethane	30	U	30	8.6
74-97-5	Bromochloromethane	30	U	30	5.2
75-27-4	Bromodichloromethane	30	U	30	2.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		57-135
2037-26-5	Toluene-d8 (Surr)	80		46-130
460-00-4	Bromofluorobenzene	98		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) | Lab Sample ID: 460-24279-9

Matrix: Solid | Lab File ID: j98786.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:40

Sample wt/vol: 9.47(g) | Date Analyzed: 03/31/2011 13:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.6 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 21600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H22 Alkane	12.89	2700	J
	Unknown Cycloalkane/C10H14 Aromatic	13.62	1600	J
	C11H24 Alkane-1	14.15	4100	J
	Unknown Aromatic-3	14.75	1600	J
	Unknown Cycloalkane	14.99	1300	J
	Decahydromethylnaphthalene isomer	15.27	1200	J
	Unknown Aromatic-4	15.79	2000	J
	Unknown Aromatic-6	16.49	3900	J
91-20-3	Naphthalene	16.88	1300	
	Tetrahydromethylnaphthalene isomer	17.88	1900	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98786.d
Report Date: 31-Mar-2011 15:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98786.d
Lab Smp Id: 460-24279-B-9-A Client Smp ID: PMP-7-SI-E (10.5-11
Inj Date : 31-MAR-2011 13:53
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24279-B-9-A;50;;9.47;5
Misc Info : 460-24279-B-9-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 10
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	9.47000	Weight of sample extracted (g)
M	12.63158	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.497	7.470	(0.948)	353858	45.5451	1400
*	52 Fluorobenzene	96	7.905	7.874	(1.000)	1225447	50.0000	
	56 Methyl cyclohexane	83	8.596	8.564	(1.087)	21938	2.50562	76
$	65 Toluene-d8 (SUR)	98	9.766	9.748	(0.860)	880503	39.9958	1200
	66 Toluene	91	9.853	9.821	(0.867)	6944	0.23787	7.2(a)
*	78 Chlorobenzene-d5	117	11.361	11.348	(1.000)	941528	50.0000	
	81 Ethylbenzene	106	11.488	11.467	(1.011)	10148	1.13477	34
	82 m+p-Xylene	106	11.589	11.583	(1.020)	34546	2.80291	85
	84 o-Xylene	106	12.017	11.999	(1.058)	27565	2.24824	68
	88 Isopropylbenzene	105	12.377	12.356	(1.089)	47236	1.71421	52
$	89 Bromofluorobenzene (SUR)	174	12.557	12.549	(0.910)	482005	48.9496	1500
	95 n-Propylbenzene	91	12.792	12.780	(0.927)	88683	2.93047	88
	97 1,3,5-Trimethylbenzene	105	12.948	12.944	(0.939)	207430	10.0084	300
	101 1,2,4-Trimethylbenzene	105	13.370	13.353	(0.969)	439610	19.2095	580(H)

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98786.d
Report Date: 31-Mar-2011 15:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
103 sec-Butylbenzene	105	13.558	13.545	(0.983)	171694	5.97997	180
107 p-Isopropyltoluene	119	13.685	13.683	(0.992)	138444	5.76777	170(M)
* 108 1,4-Dichlorobenzene-d4	152	13.795	13.784	(1.000)	518939	50.0000	
114 1,2,4-Trichlorobenzene	180	16.429	16.409	(1.191)	349422	35.5216	1100
116 Naphthalene	128	16.879	16.864	(1.224)	838833	43.4525	1300
117 1,2,3-Trichlorobenzene	180	17.283	17.274	(1.253)	66206	8.97982	270
M 121 Xylene (Total)	100				62111	5.05115	150

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98786.d
Report Date: 31-Mar-2011 15:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98786.d
Lab Smp Id: 460-24279-B-9-A Client Smp ID: PMP-7-SI-E (10.5-11
Inj Date : 31-MAR-2011 13:53
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24279-B-9-A;50;;9.47;5
Misc Info : 460-24279-B-9-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 10
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	9.47000	Weight of sample extracted (g)
M	12.63158	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	13.795	4657684	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H22 Alkane					CAS #:		
12.893	8303026	89.1325477	2700	0		0	108(L)
C11H24 Alkane					CAS #:		
13.195	3576476	38.3932777	1200	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98786.d
Report Date: 31-Mar-2011 15:46

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane/C10H14 Aromatic					CAS #:		
13.622	4943555	53.0688060	1600	0		0	108(L)
C11H24 Alkane-1					CAS #:		
14.154	12541890	134.636525	4100	0		0	108
Unknown Aromatic					CAS #:		
14.371	2650315	28.4509921	860	0		0	108
Unknown Aromatic-1					CAS #:		
14.478	2190745	23.5175361	710	0		0	108
Unknown Aromatic-2					CAS #:		
14.561	3357792	36.0457255	1100	0		0	108
Unknown Aromatic-3					CAS #:		
14.753	5074263	54.4719485	1600	0		0	108
Unknown Cycloalkane					CAS #:		
14.987	4073915	43.7332626	1300	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
15.270	3740997	40.1594017	1200	0		0	108
C12H26 Alkane					CAS #:		
15.485	3707643	39.8013490	1200	0		0	108
Unknown Aromatic-4					CAS #:		
15.795	6140506	65.9180091	2000	0		0	108
Tetrahydronaphthalene isomer					CAS #:		
16.079	2373821	25.4828482	770	0		0	108
Unknown Aromatic-5					CAS #:		
16.254	2283301	24.5111123	740	0		0	108
Unknown Aromatic-6					CAS #:		
16.494	12169332	130.637140	3900	0		0	108(L)
Unknown					CAS #:		
17.009	2229200	23.9303462	720	0		0	108
Tetrahydromethylnaphthalene isomer					CAS #:		
17.879	5920607	63.5574102	1900	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98786.d
Report Date: 31-Mar-2011 15:46

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
C11H14 Aromatic					CAS #:		
18.263	2527566	27.1332899	820	0		0	108
2,3-dihydro-trimethyl-1H-Indene isomer					CAS #:		
18.601	3609583	38.7486856	1200	0		0	108

QC Flag Legend

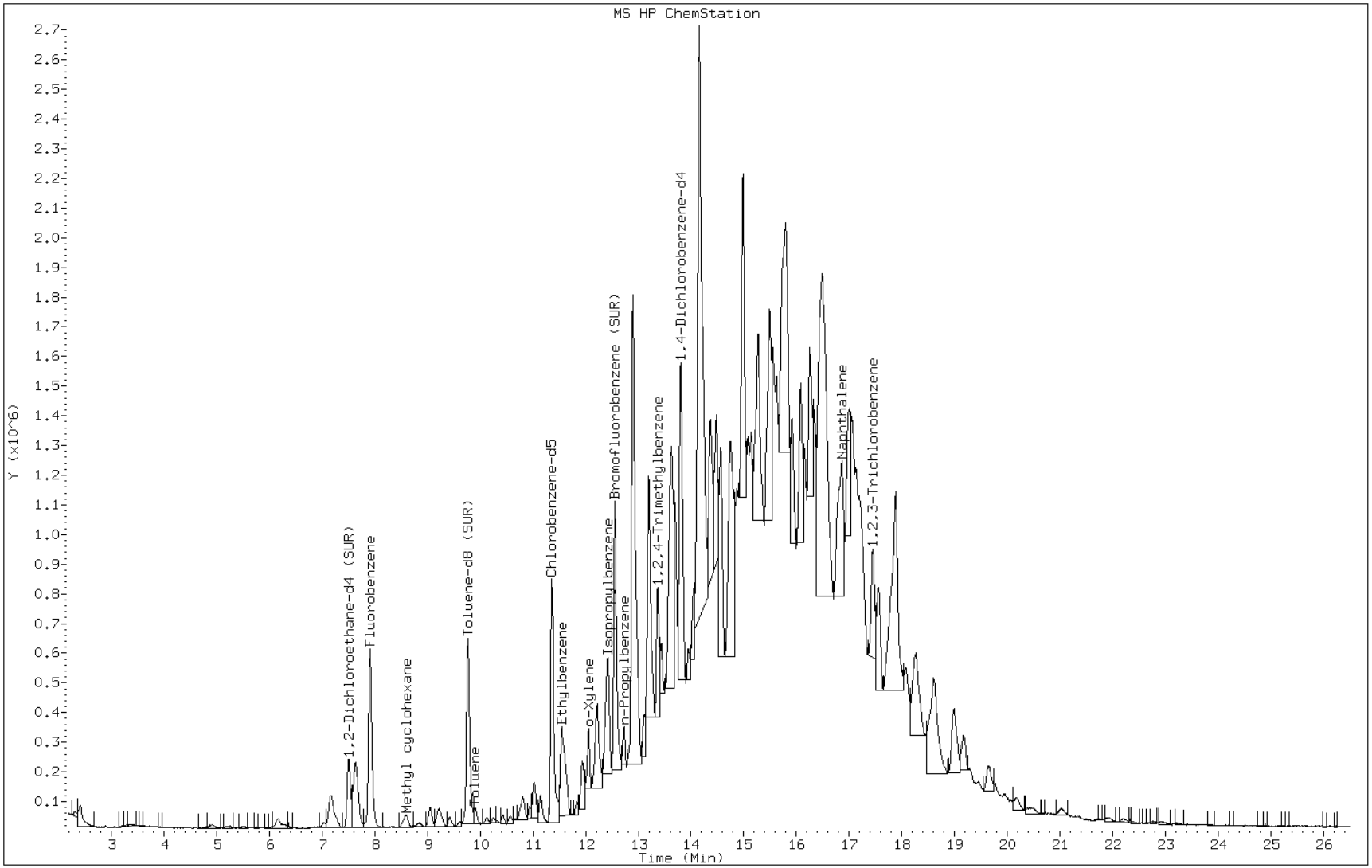
L - Operator selected an alternate library search match.

Data File: j98786.d

Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:



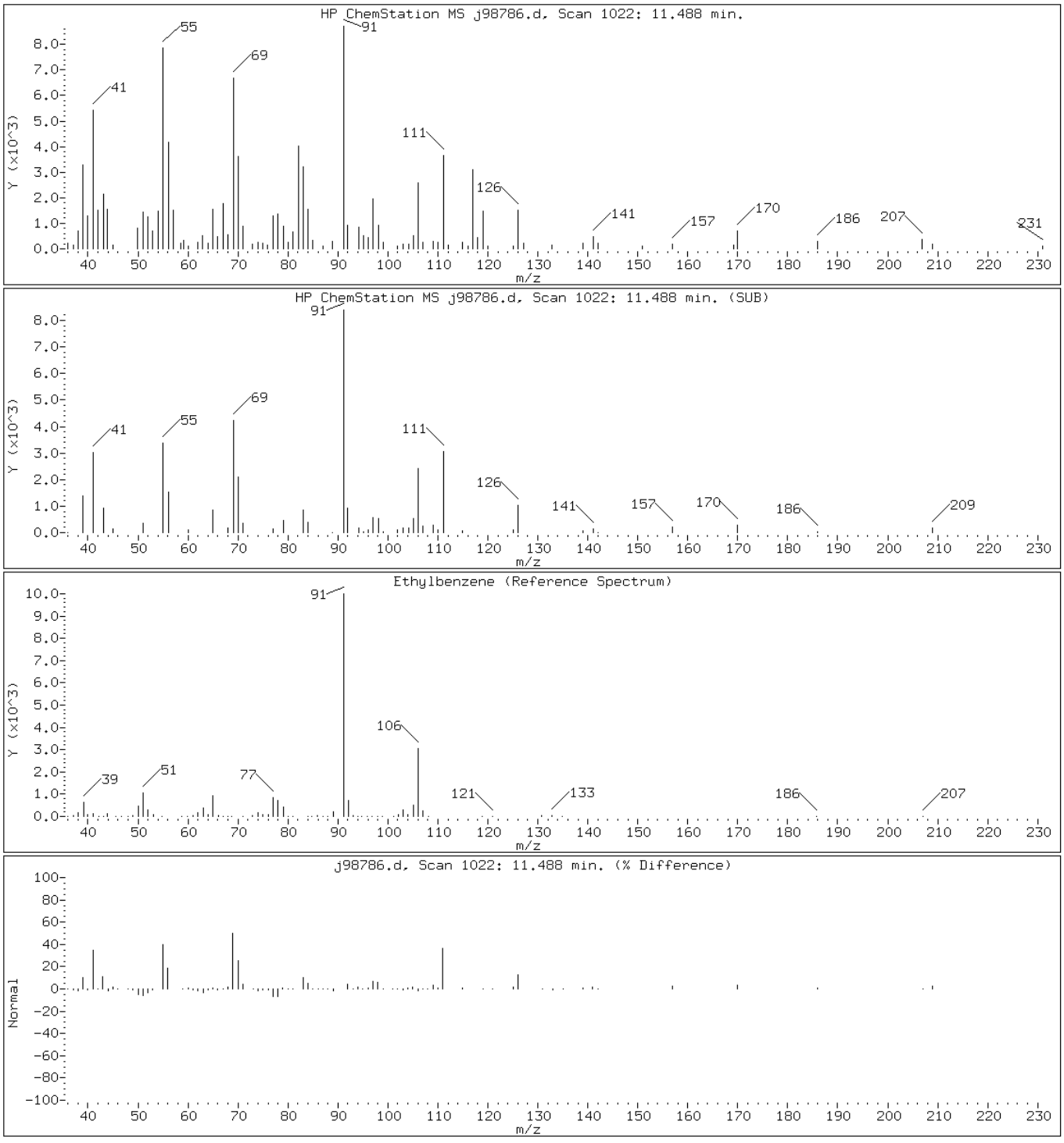
Data File: j98786.d

Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

81 Ethylbenzene



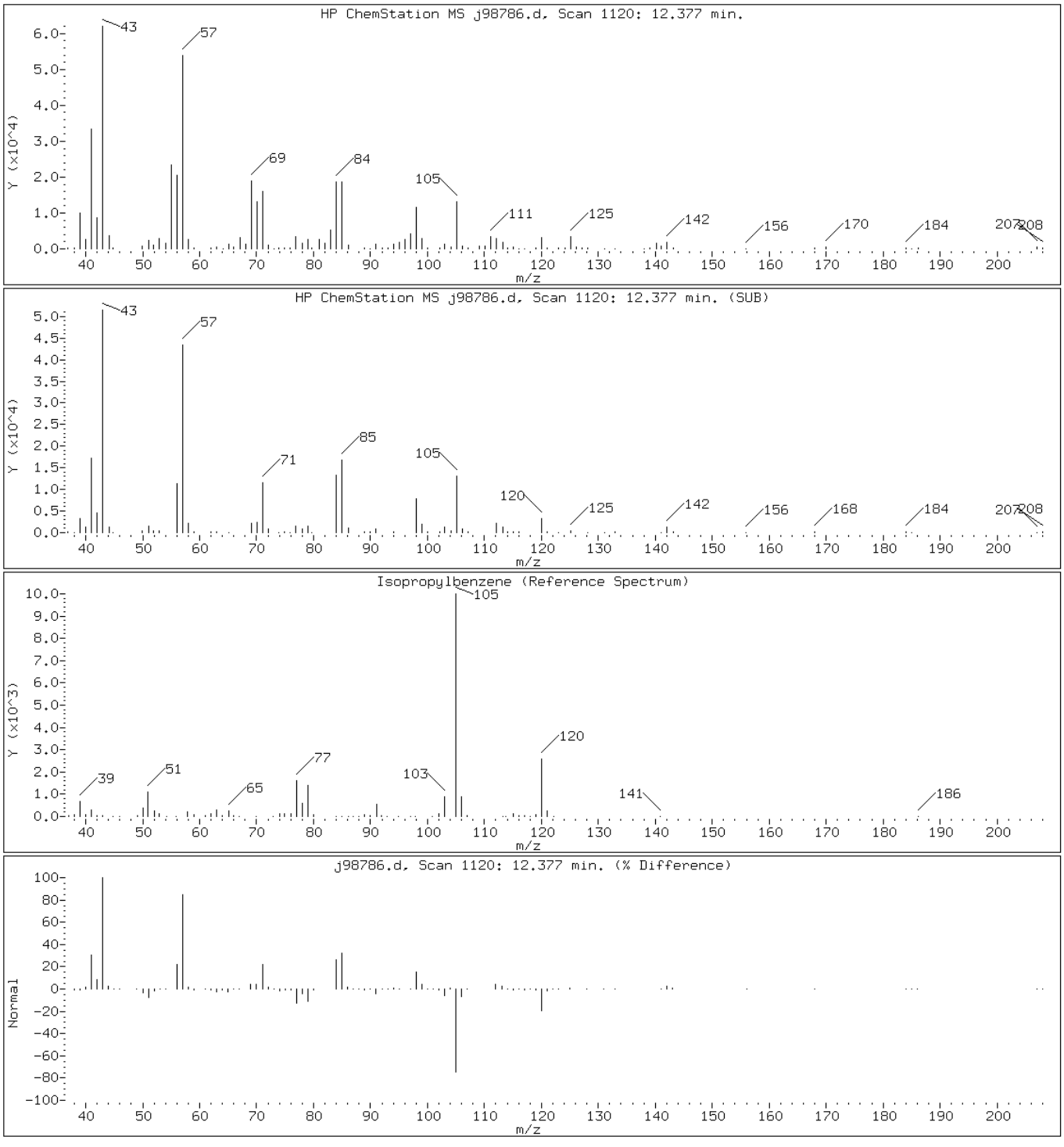
Data File: j98786.d

Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

88 Isopropylbenzene



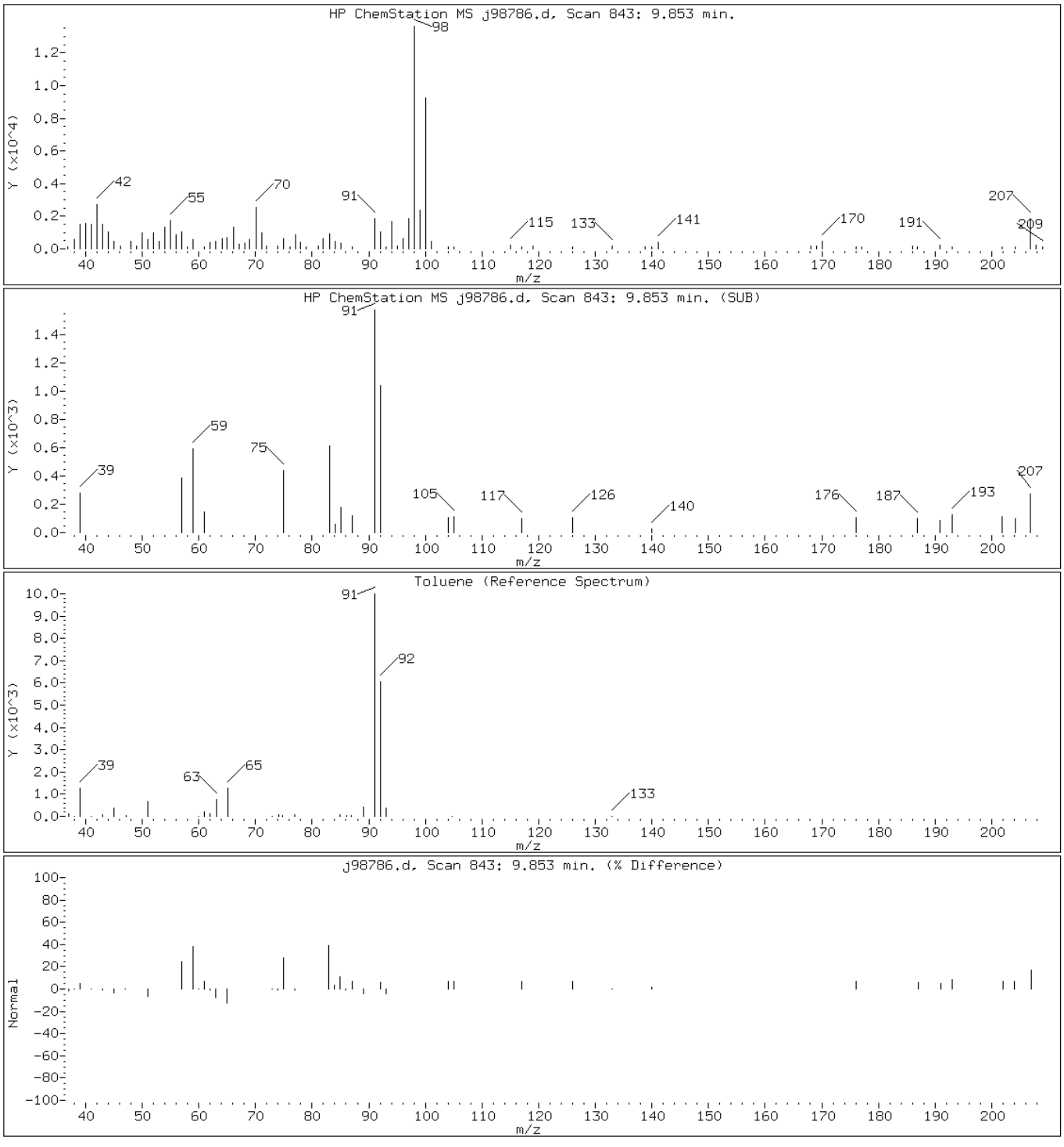
Data File: j98786.d

Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

66 Toluene



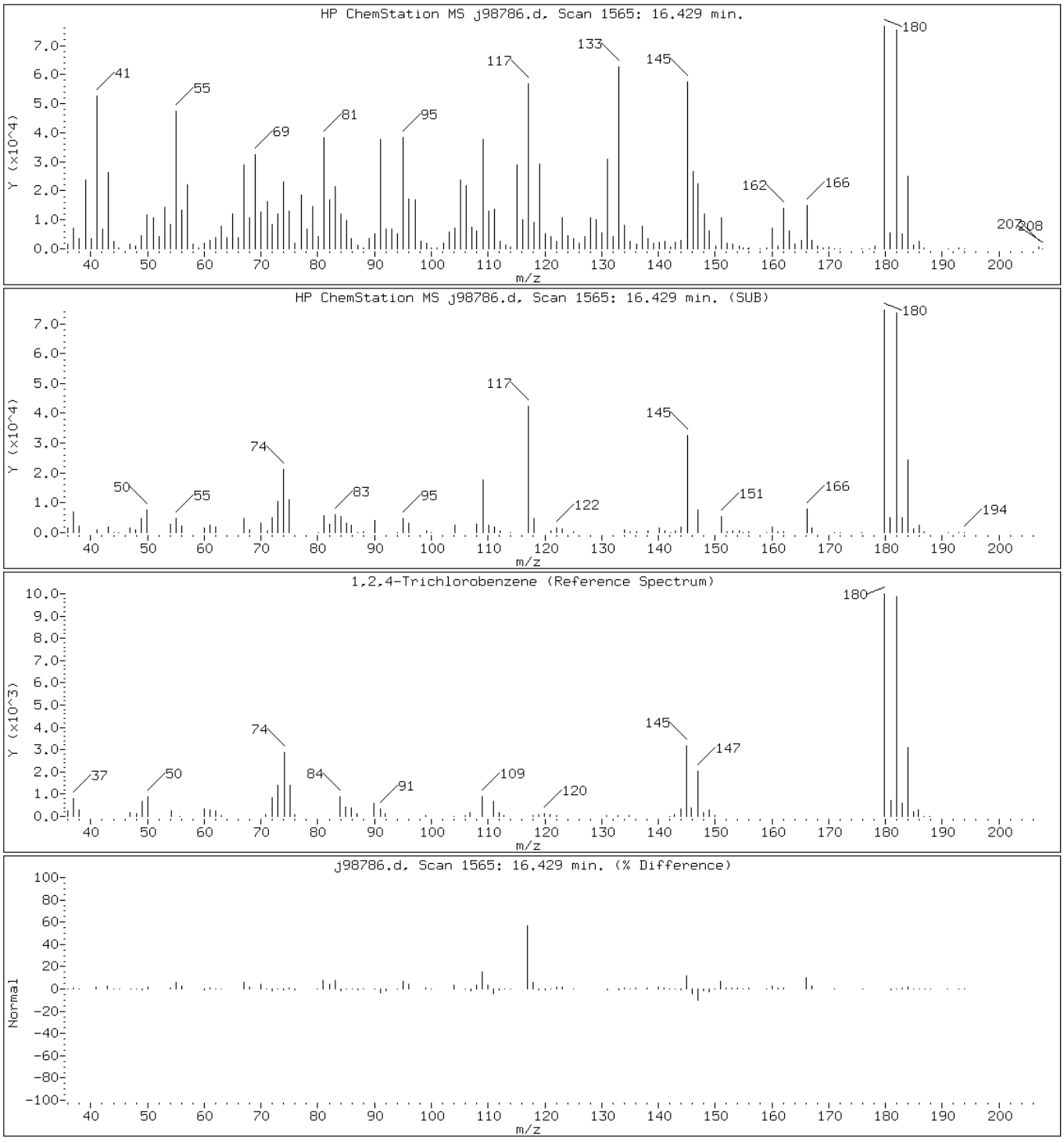
Data File: j98786.d

Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

114 1,2,4-Trichlorobenzene



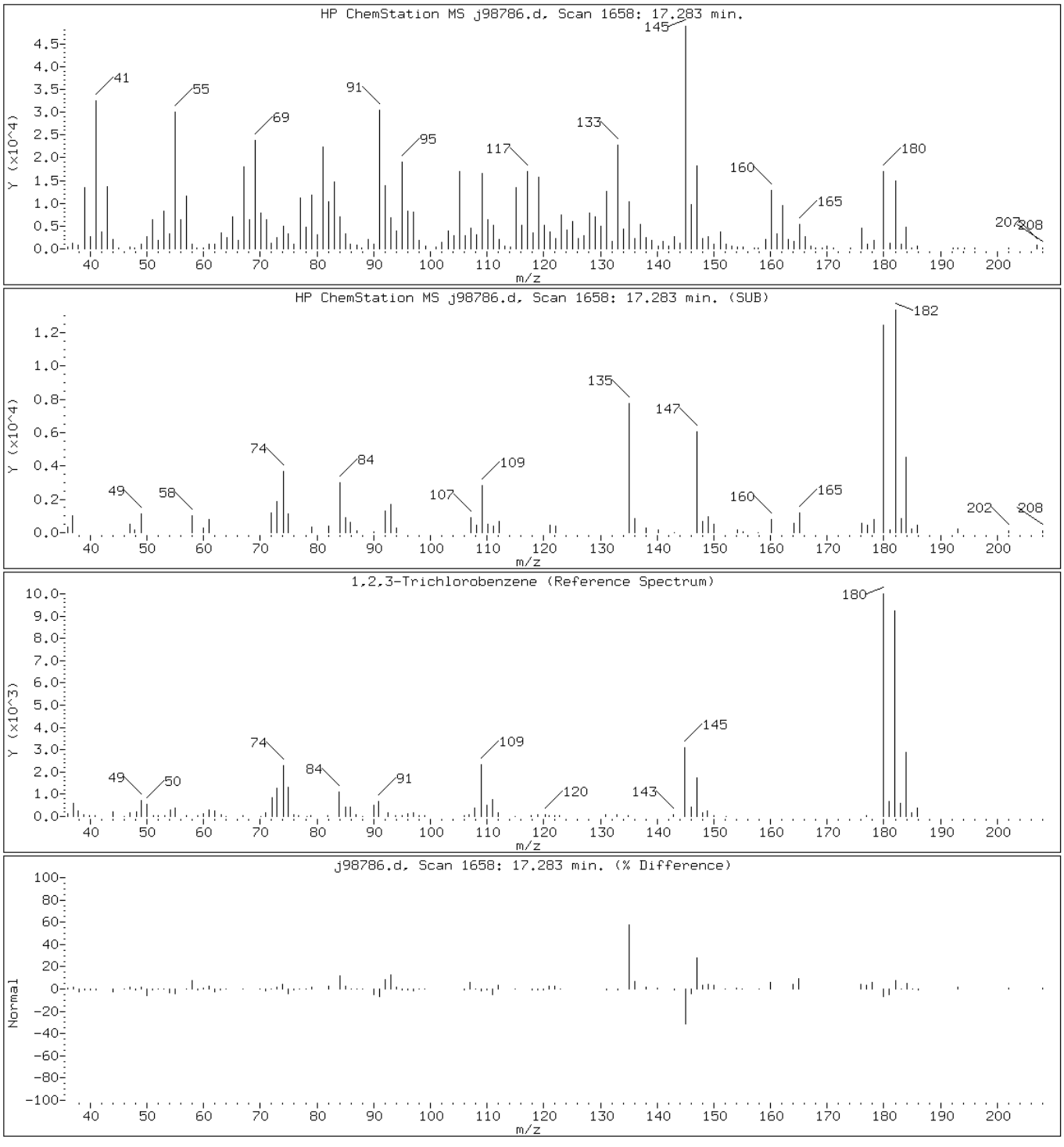
Data File: j98786.d

Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

117 1,2,3-Trichlorobenzene



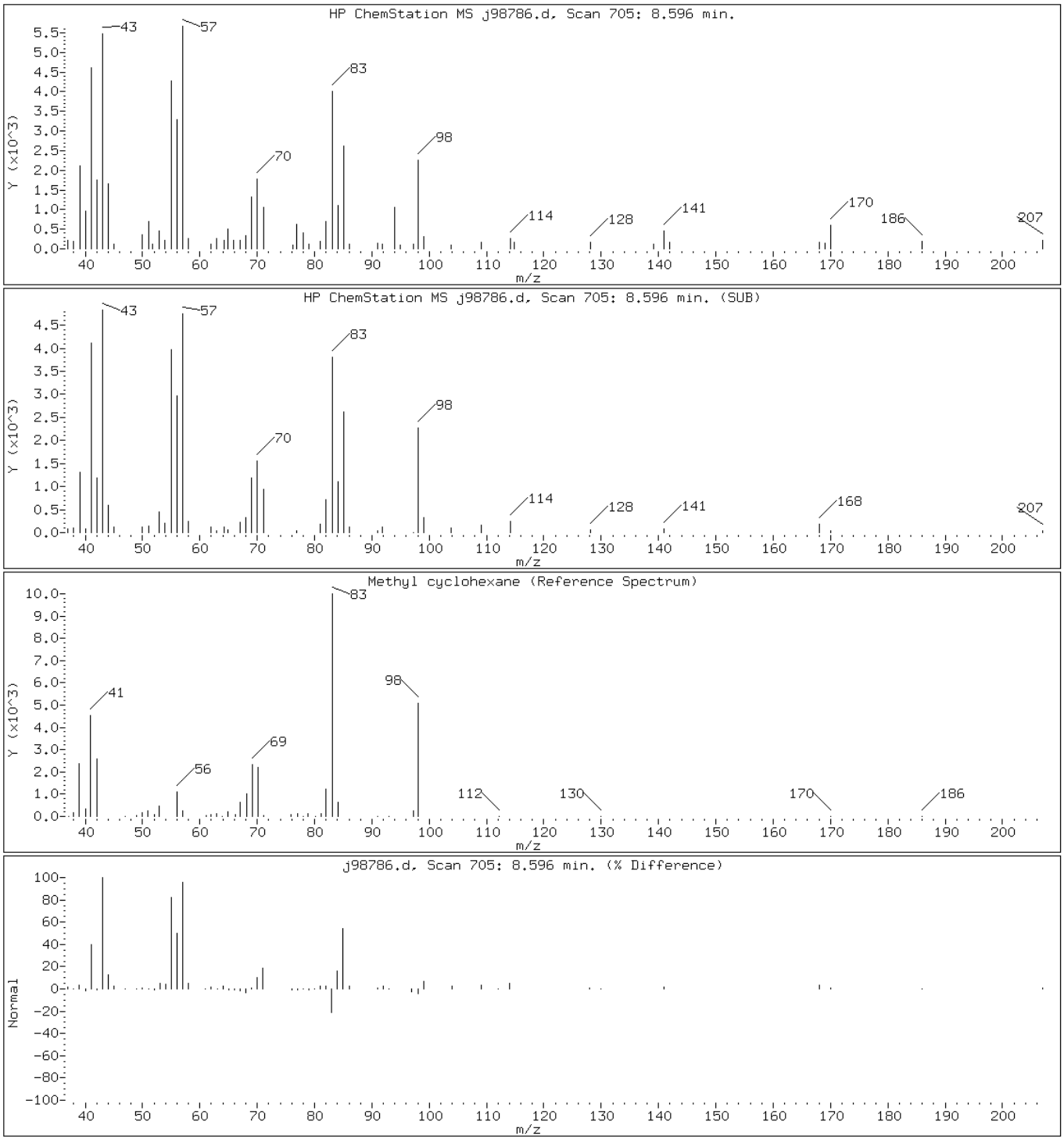
Data File: j98786.d

Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

56 Methyl cyclohexane



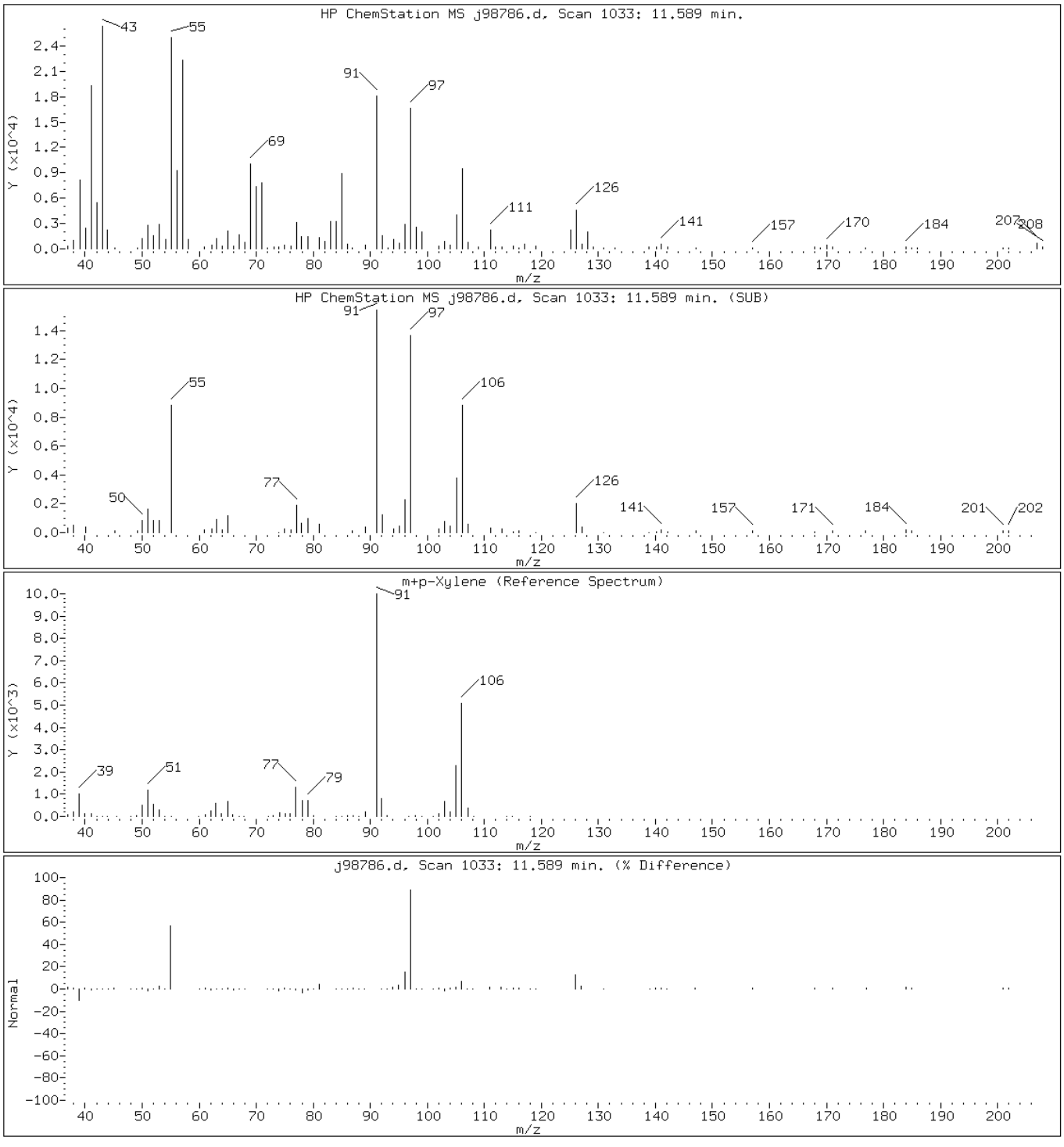
Data File: j98786.d

Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

82 m+p-Xylene



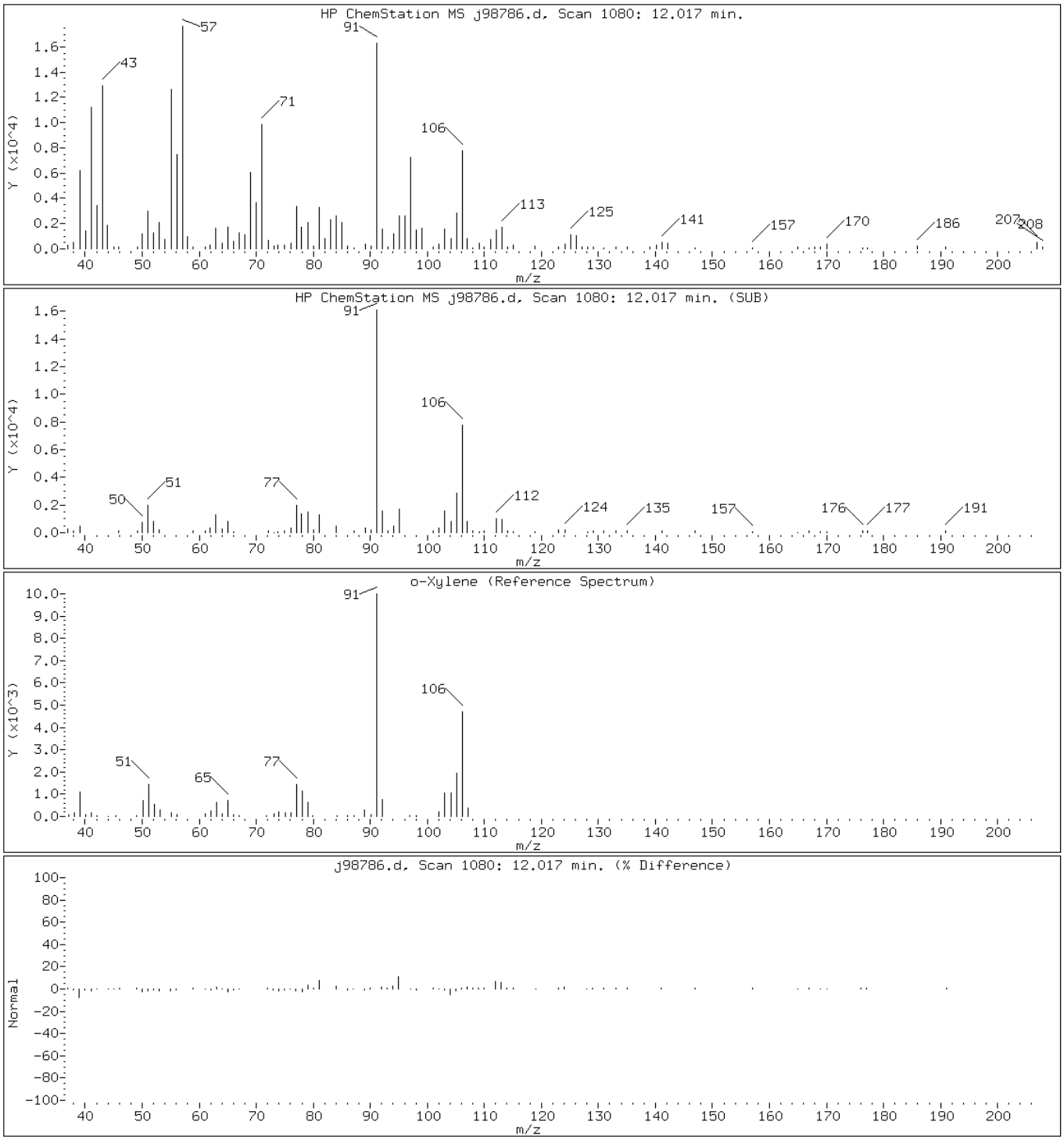
Data File: j98786.d

Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

84 o-Xylene



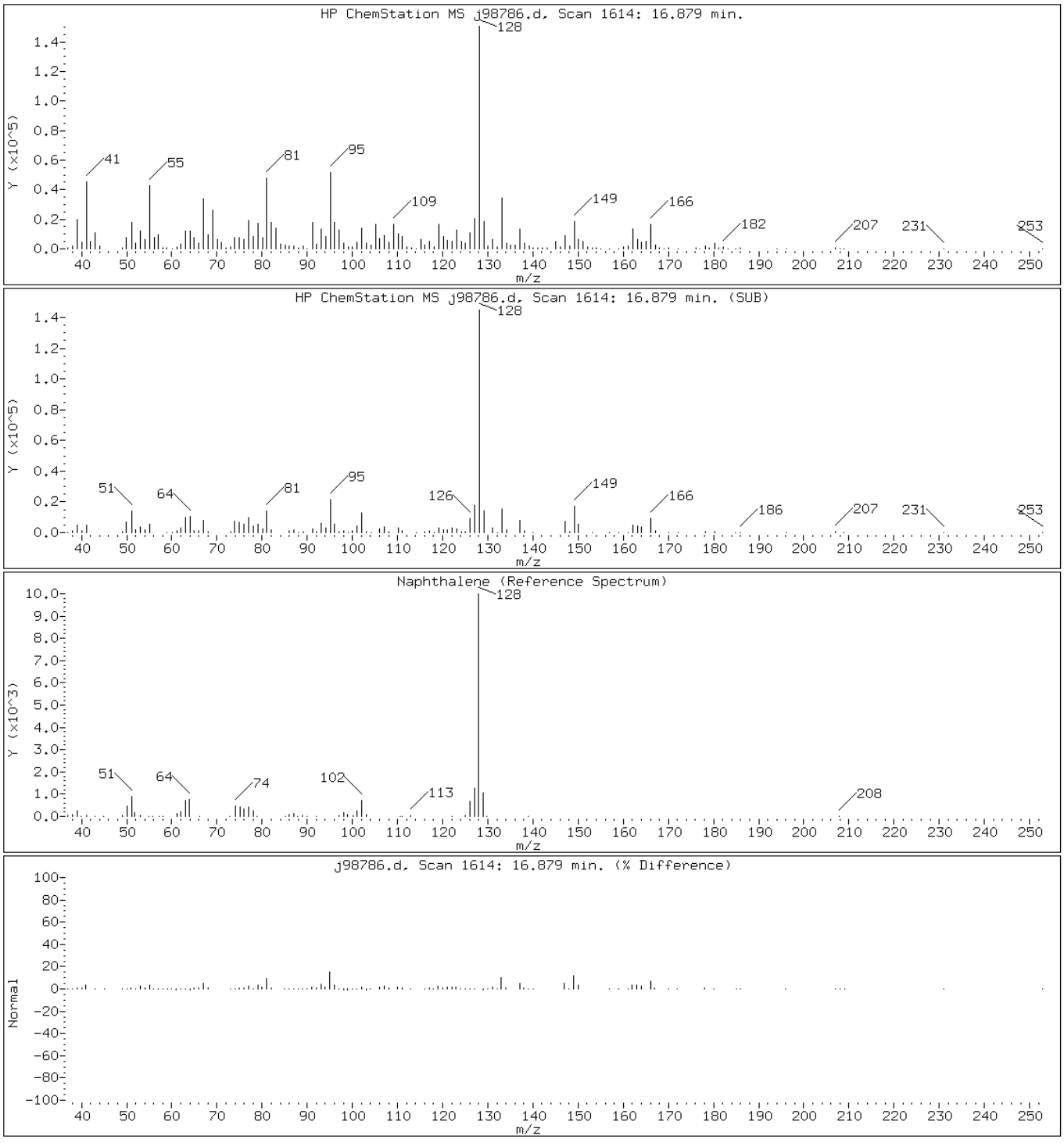
Data File: j98786.d

Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

116 Naphthalene



Data File: j98786.d

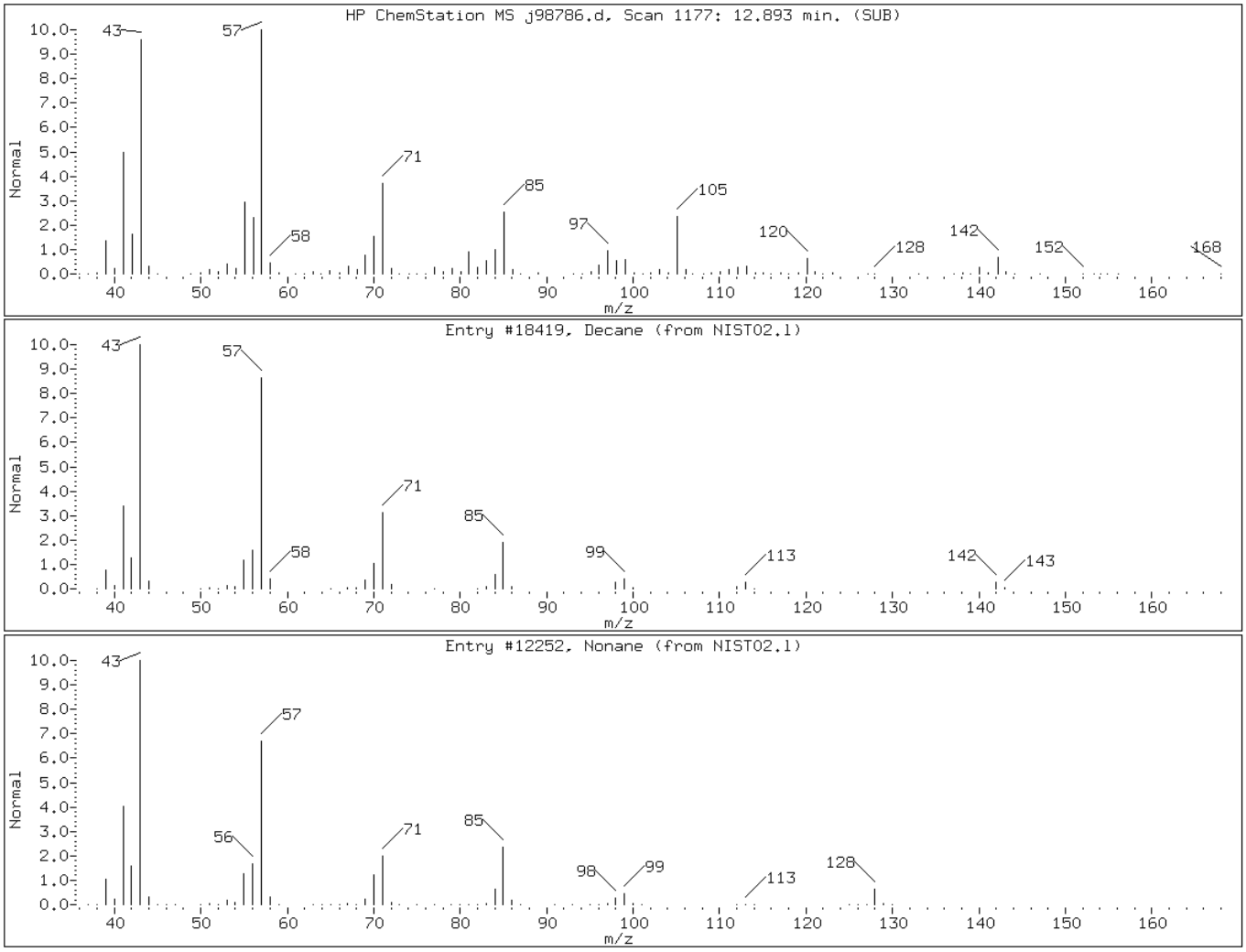
Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane						
Decane	124-18-5	NIST02.l	18419	95	C10H22	142
Nonane	111-84-2	NIST02.l	12252	64	C9H20	128



Data File: j98786.d

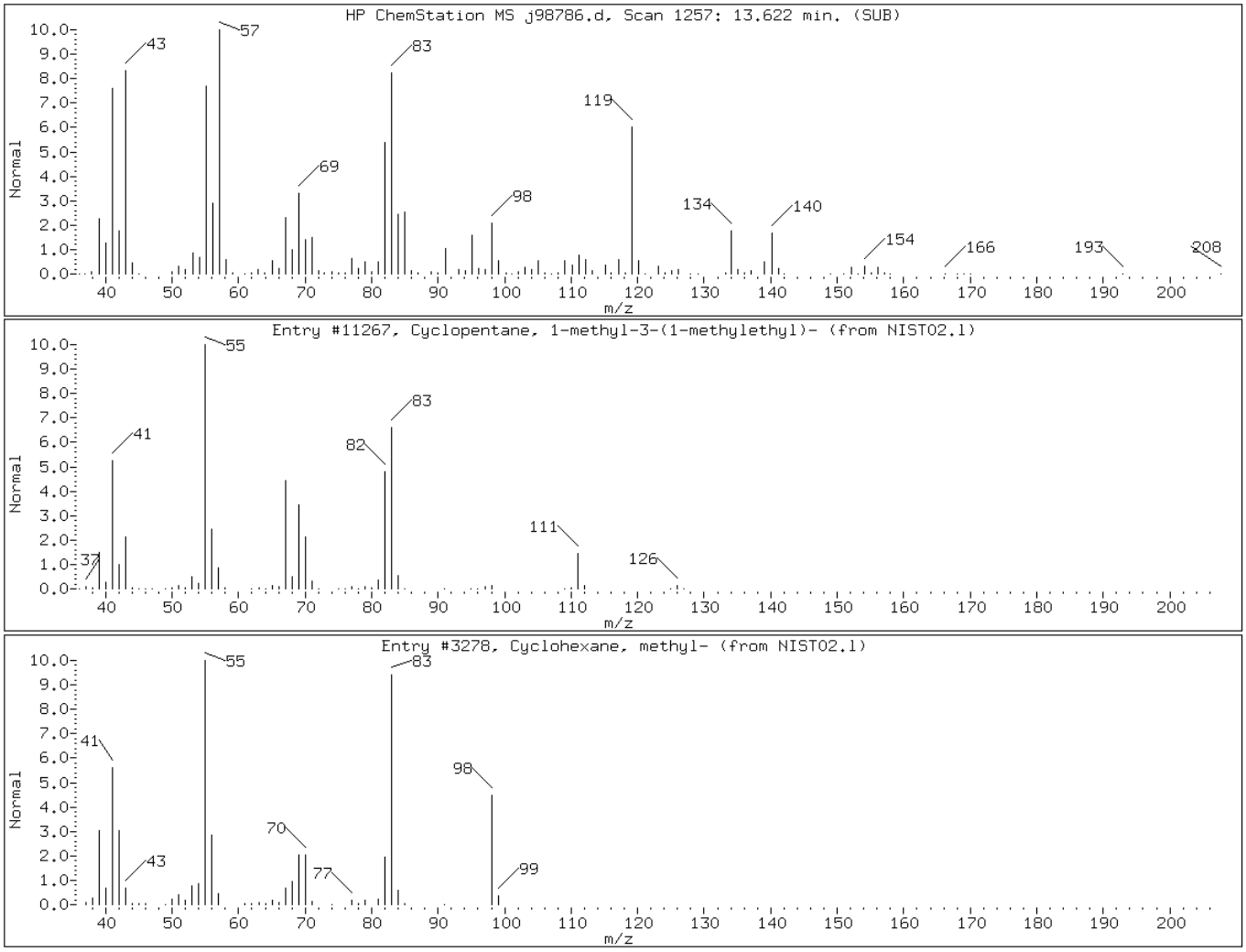
Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

Retention Time: 13.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane/C10H14 Aromati						
Cyclopentane, 1-methyl-3-(1-methyl	53771-88-3	NIST02.l	11267	35	C9H18	126
Cyclohexane, methyl-	108-87-2	NIST02.l	3278	35	C7H14	98



Data File: j98786.d

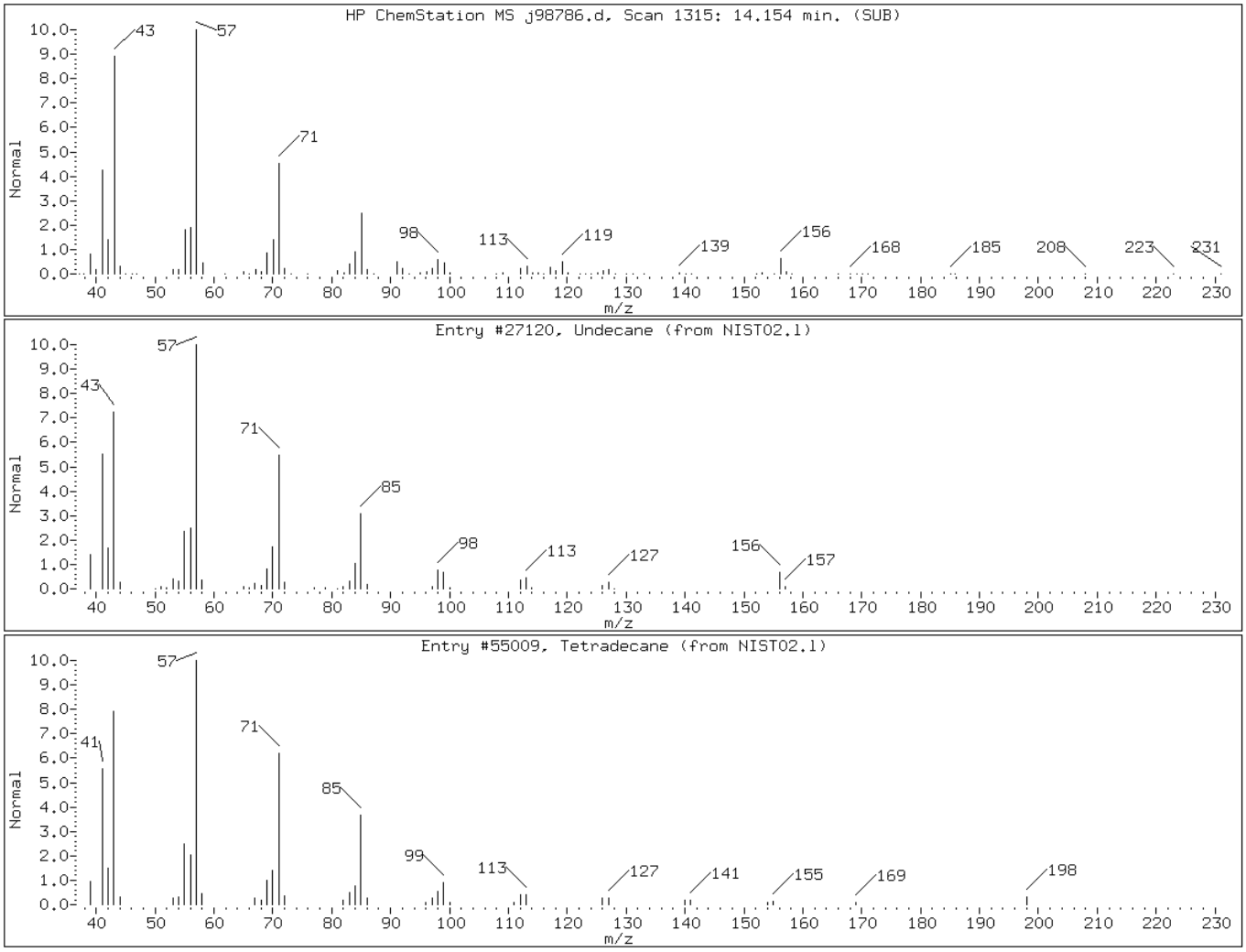
Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

Retention Time: 14.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane-1						
Undecane	1120-21-4	NIST02.l	27120	94	C11H24	156
Tetradecane	629-59-4	NIST02.l	55009	78	C14H30	198



Data File: j98786.d

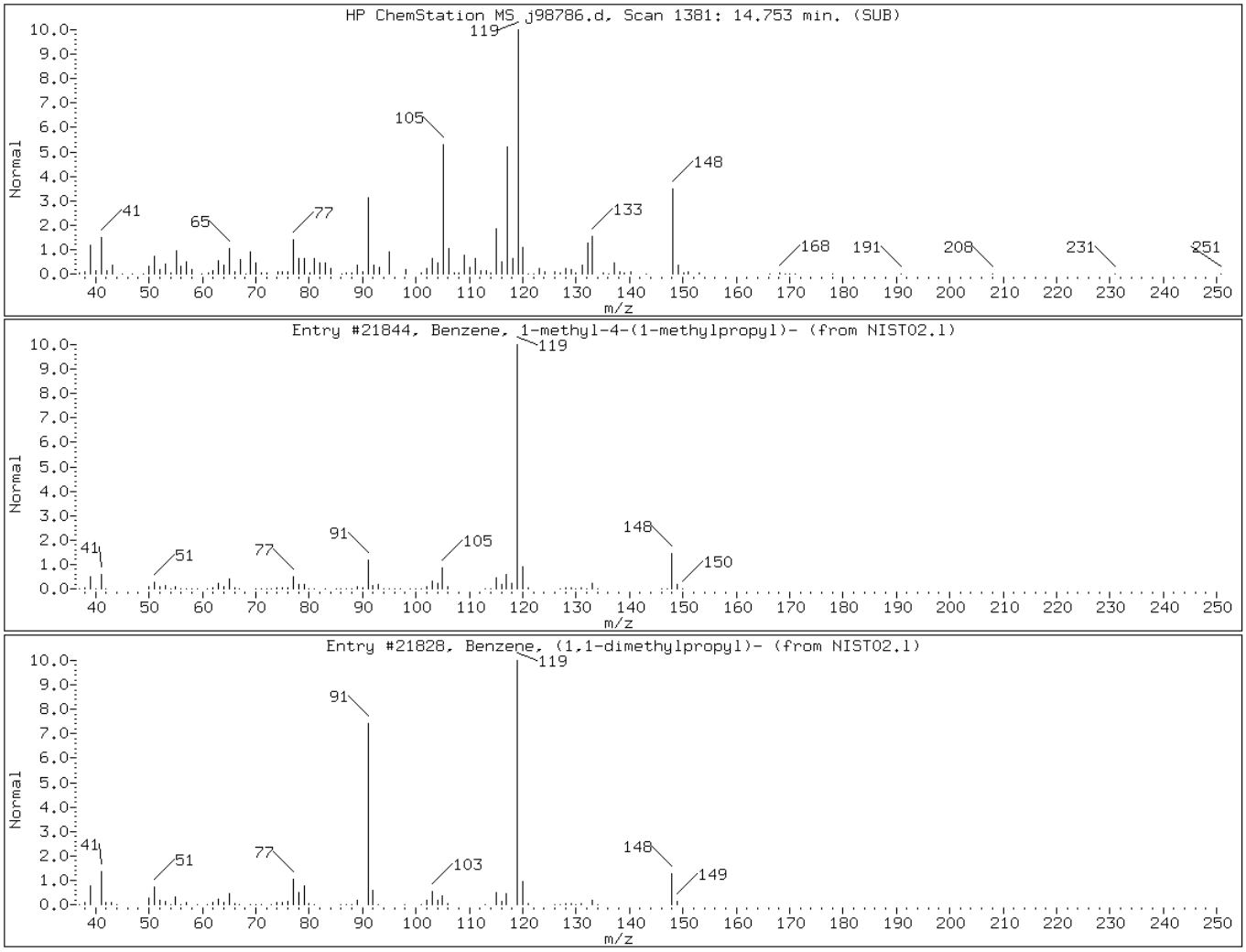
Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

Retention Time: 14.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-3						
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	53	C11H16	148
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.l	21828	47	C11H16	148



Data File: j98786.d

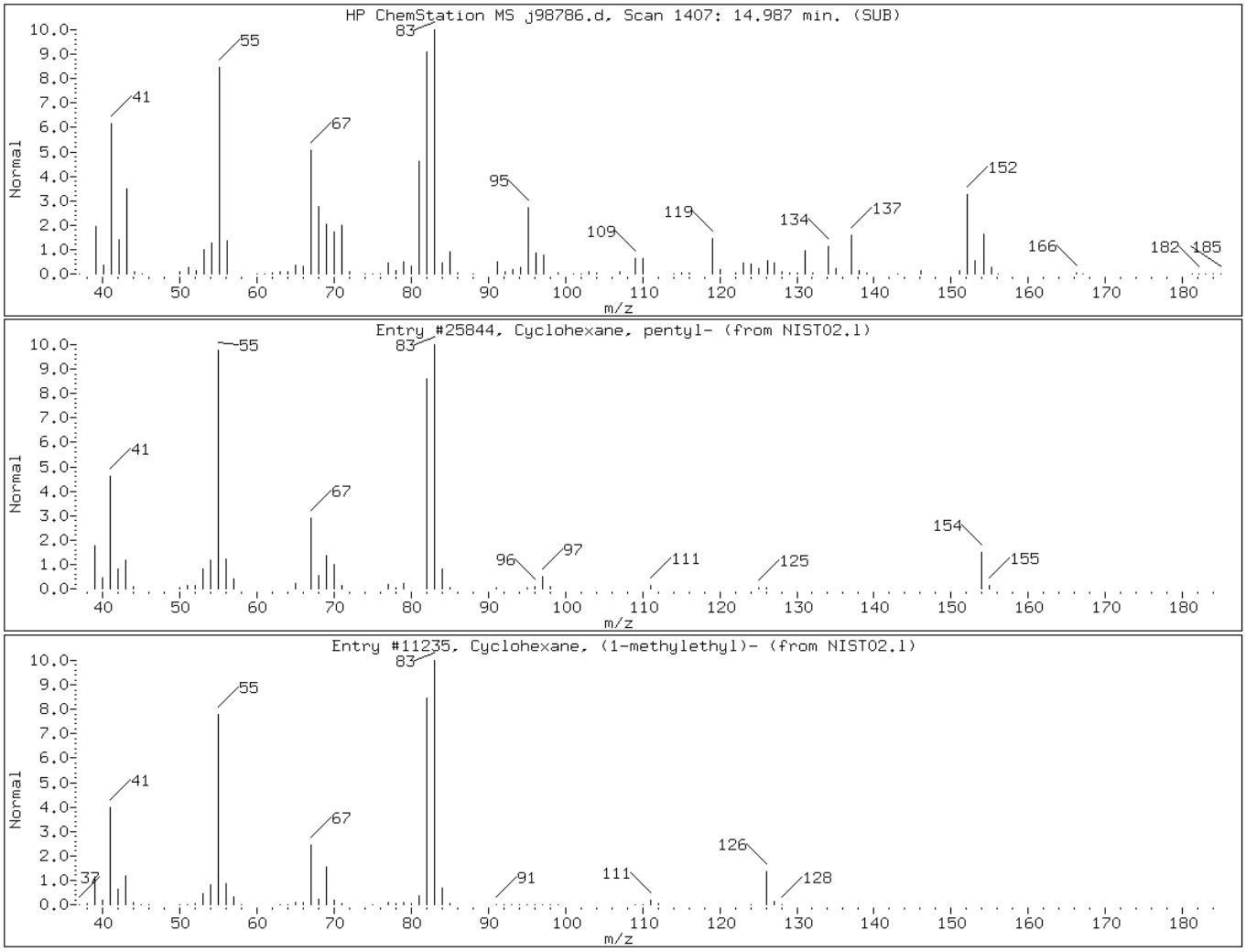
Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

Retention Time: 14.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, pentyl-	4292-92-6	NIST02.l	25844	64	C11H22	154
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11235	60	C9H18	126



Data File: j98786.d

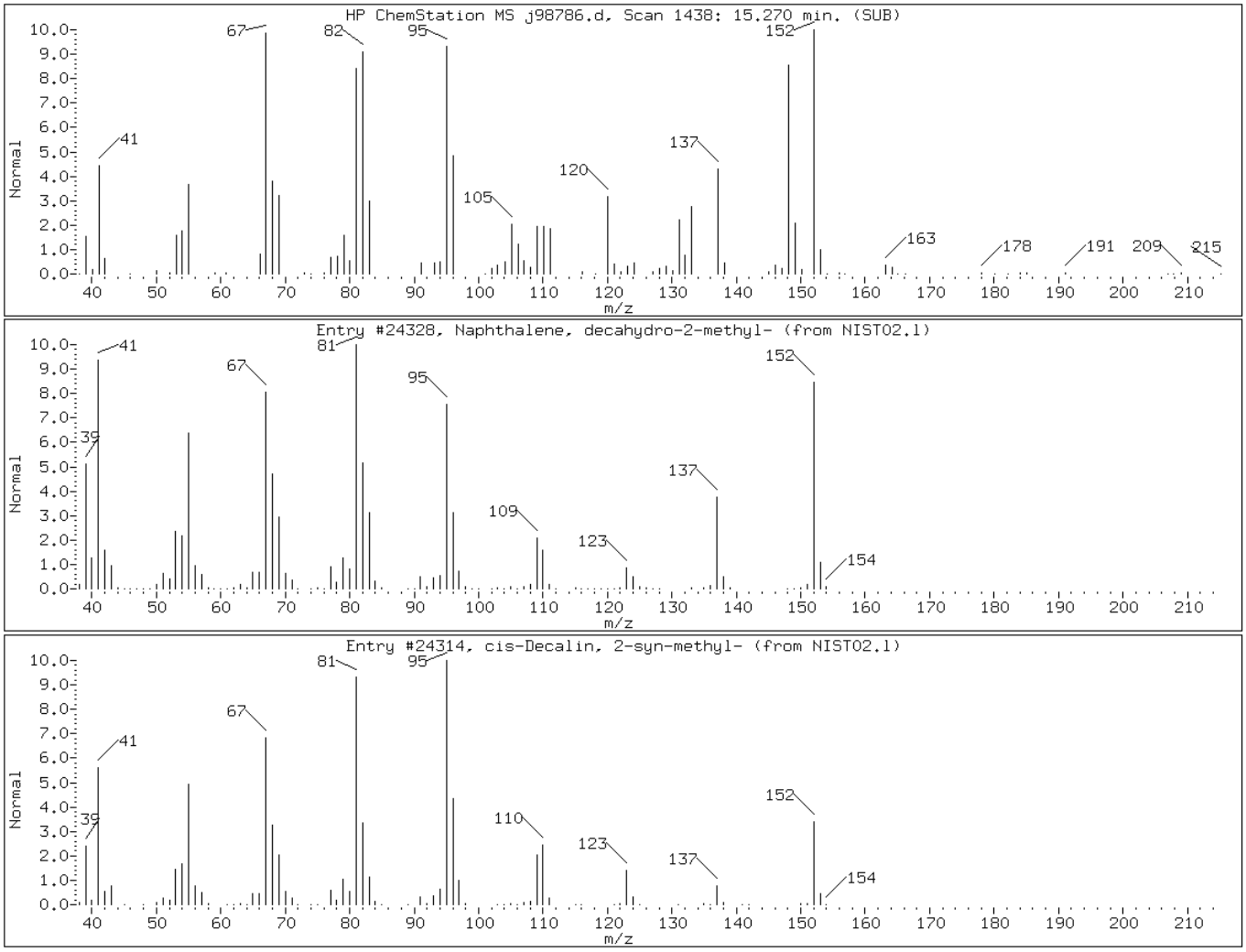
Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

Retention Time: 15.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	78	C11H20	152
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	60	C11H20	152



Data File: j98786.d

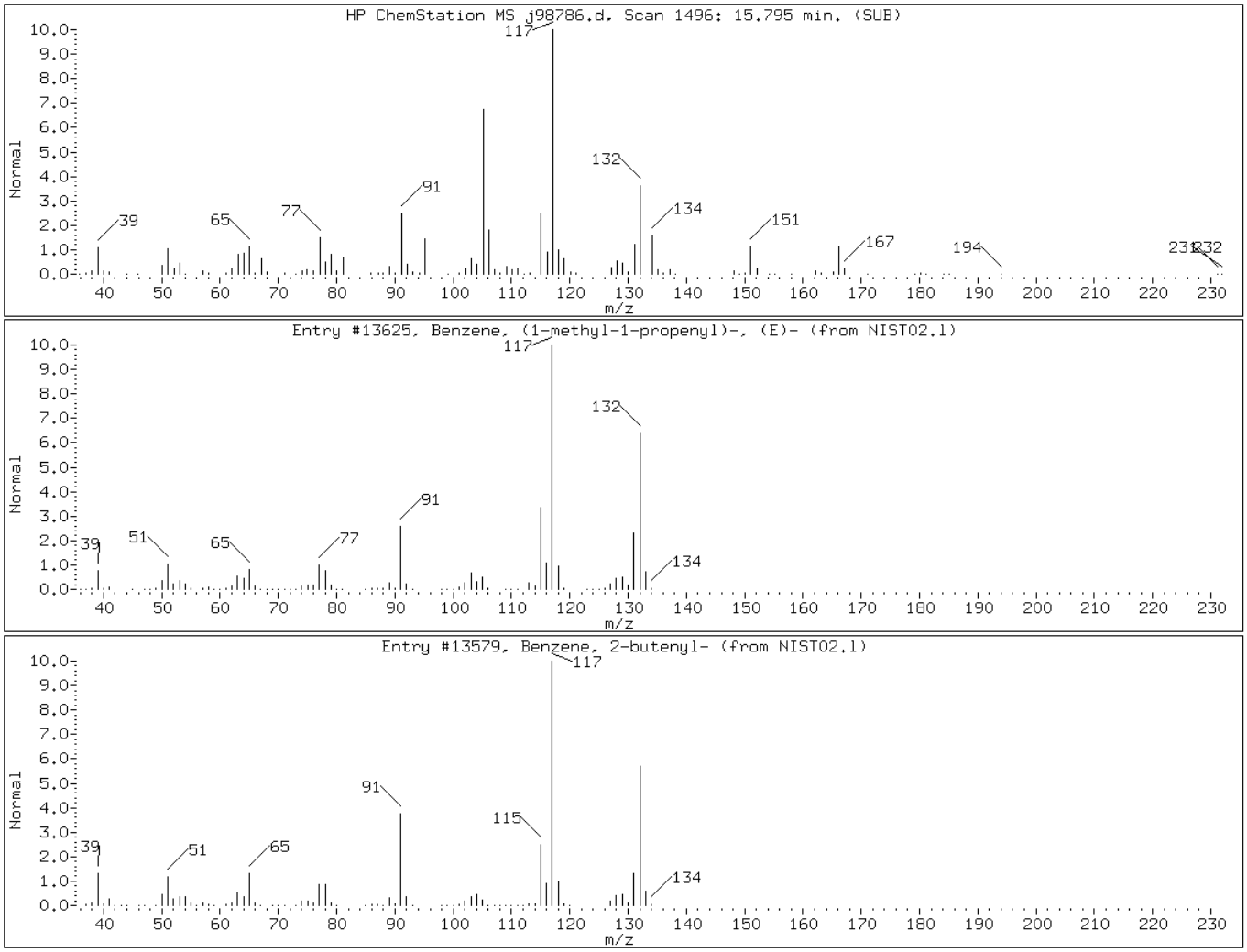
Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

Retention Time: 15.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-4						
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	86	C10H12	132
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13579	86	C10H12	132



Data File: j98786.d

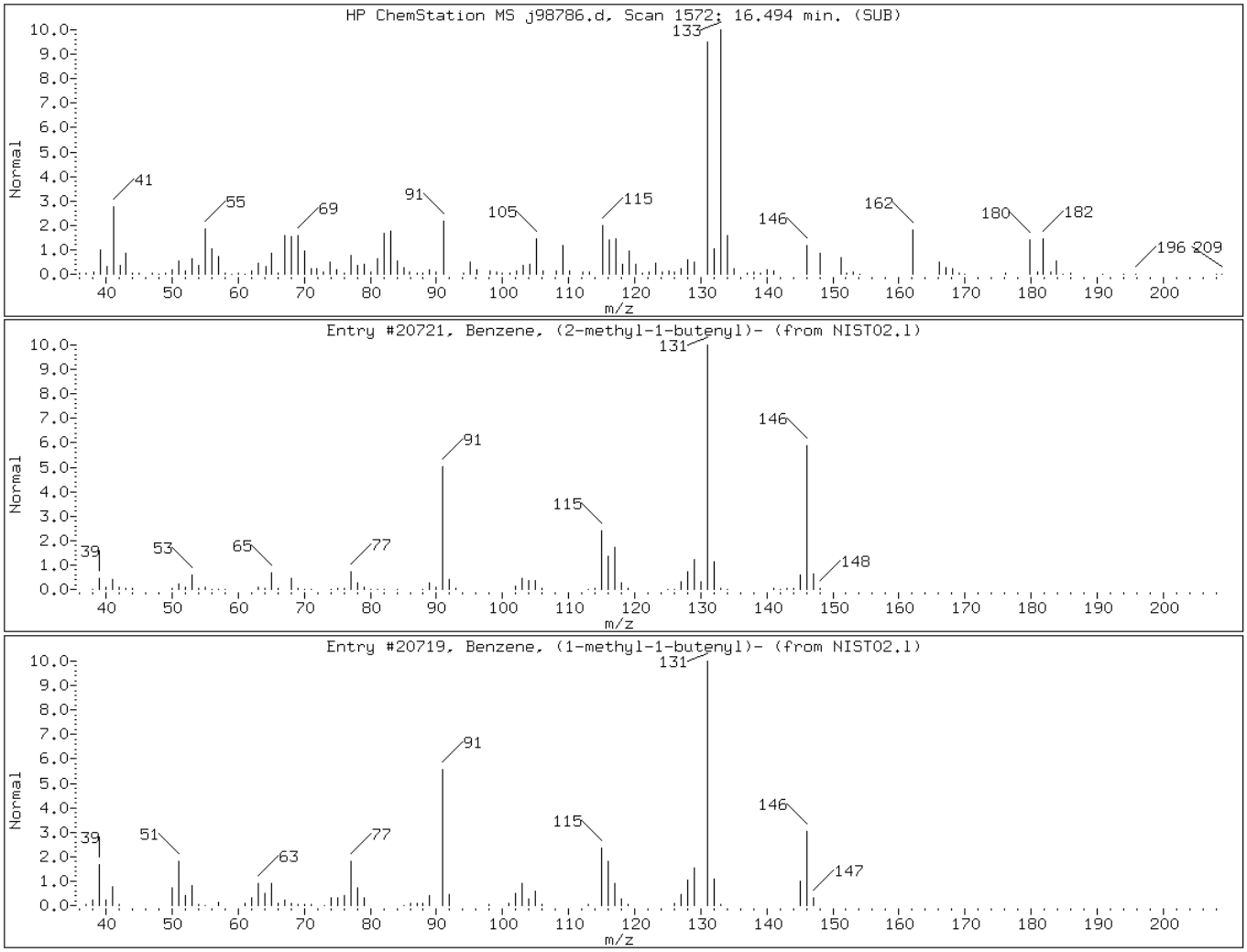
Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

Retention Time: 16.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-6						
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.l	20721	76	C11H14	146
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.l	20719	74	C11H14	146



Data File: j98786.d

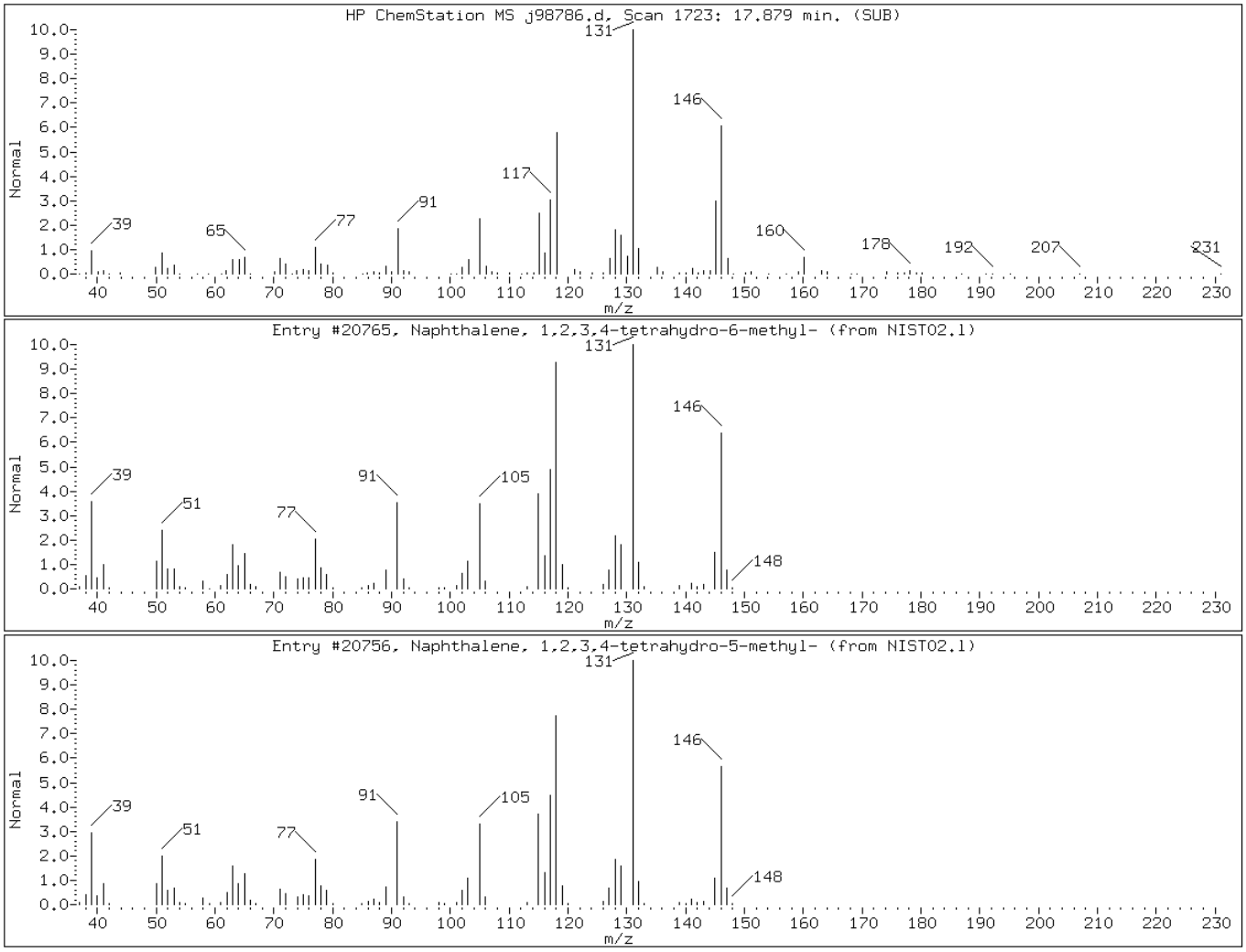
Date: 31-MAR-2011 13:53

Client ID: PMP-7-SI-E (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24279-B-9-A;50;;9.47;5 Operator:

Retention Time: 17.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-6-	1680-51-9	NIST02.l	20765	95	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20756	95	C11H14	146



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-64630/6	o45226.d
Level 2	IC 460-64630/7	o45228.d
Level 3	ICIS 460-64630/2	o45214.d
Level 4	IC 460-64630/3	o45218.d
Level 5	IC 460-64630/4	o45219.d
Level 6	IC 460-64630/5	o45220.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3361 0.3122	0.3092	0.2468	0.3094	0.3451	Ave		0.3098				11.1		15.0			
Chloromethane	0.3691 0.3371	0.3649	0.2936	0.3030	0.3276	Ave		0.3325			0.1000	9.3		15.0			
Vinyl chloride	0.3233 0.3369	0.3330	0.2698	0.3089	0.3355	Ave		0.3179				8.1		30.0			
Bromomethane	0.1977 0.1503	0.1970	0.1649	0.1759	0.1824	Ave		0.1780				10.4		15.0			
Chloroethane	0.2447 0.1902	0.2489	0.1959	0.2122	0.2260	Ave		0.2196				11.2		15.0			
Trichlorofluoromethane	0.5214 0.4985	0.5131	0.4096	0.5052	0.5360	Ave		0.4973				9.0		15.0			
n-Pentane	0.0560 0.0521	0.0451	0.0503	0.0574	0.0534	Ave		0.0524				8.4		15.0			
Ethanol	0.0010 0.0013	0.0011	0.0010	0.0009	0.0010	Ave		0.0010				11.2		15.0			
Ethyl ether	0.1768 0.1858	0.1825	0.1769	0.1740	0.1818	Ave		0.1796				2.5		15.0			
Isopropene	0.3324 0.4113	0.3144	0.3412	0.4084	0.4107	Ave		0.3697				12.2		15.0			
Acrolein	0.0141 0.0161	0.0153	0.0162	0.0151	0.0157	Ave		0.0154				4.9		15.0			
1,1-Dichloroethene	0.2402 0.2465	0.2324	0.2296	0.2466	0.2597	Ave		0.2425				4.5		30.0			
Freon TF	0.2446 0.2825	0.2276	0.2512	0.3032	0.3027	Ave		0.2686				11.9		15.0			
Acetone	0.0595 0.0429	0.0650	0.0554	0.0439	0.0409	LinF		0.0428							0.9997		0.9900
Iodomethane	0.2948 0.3458	0.2857	0.2708	0.3472	0.3804	Ave		0.3208				13.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	0.6566 0.8114	0.6681	0.7231	0.8295	0.8407	Ave		0.7549				11.0		15.0			
Isopropanol	0.0105 0.0123	0.0125	0.0111	0.0107	0.0108	Ave		0.0113				7.7		15.0			
Acetonitrile	0.0127 0.0188	0.0164	0.0193	0.0180	0.0191	Ave		0.0174				14.5		15.0			
Methyl acetate	0.0653 0.0469	0.0528	0.0525	0.0467	0.0447	Ave		0.0515				14.6		15.0			
Methylene Chloride	0.3242 0.2601	0.2861	0.2800	0.2674	0.2786	Ave		0.2827				7.9		15.0			
TBA	0.0191 0.0212	0.0191	0.0175	0.0170	0.0189	Ave		0.0188				7.8		15.0			
Acrylonitrile	0.0599 0.0731	0.0651	0.0604	0.0595	0.0649	Ave		0.0638				8.1		15.0			
trans-1,2-Dichloroethene	0.3043 0.2894	0.2825	0.2816	0.2914	0.3087	Ave		0.2930				3.8		15.0			
MTBE	0.6449 0.6768	0.6236	0.6278	0.6296	0.6717	Ave		0.6457				3.6		15.0			
Hexane	0.1791 0.2303	0.1577	0.1816	0.2290	0.2330	LinF		0.2306							0.9999		0.9900
1,1-Dichloroethane	0.4713 0.4554	0.4657	0.4396	0.4528	0.4772	Ave		0.4603			0.1000	3.0		15.0			
Vinyl acetate	0.5197 0.5710	0.4561	0.4533	0.4781	0.5798	Ave		0.5097				11.0		15.0			
DIPE	0.5770 0.7477	0.6831	0.6741	0.6944	0.7518	Ave		0.6880				9.2		15.0			
Tert-butyl ethyl ether	0.6163 0.7847	0.6970	0.7113	0.7383	0.7912	Ave		0.7231				8.9		15.0			
2,2-Dichloropropane	0.4156 0.4801	0.4209	0.4307	0.4651	0.4995	Ave		0.4520				7.6		15.0			
cis-1,2-Dichloroethene	0.3309 0.3233	0.3259	0.3333	0.3281	0.3454	Ave		0.3312				2.4		15.0			
2-Butanone	0.0258 0.0249	0.0286	0.0263	0.0233	0.0259	Ave		0.0258				6.7		15.0			
Ethyl acetate	0.0226 0.0213	0.0200	0.0185	0.0179	0.0200	Ave		0.0200				8.7		15.0			
Bromochloromethane	0.1620 0.1387	0.1491	0.1519	0.1426	0.1492	Ave		0.1489				5.4		15.0			
Chloroform	0.5020 0.4908	0.4957	0.4922	0.4927	0.5172	Ave		0.4984				2.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.4359 0.4886	0.4305	0.4420	0.4712	0.5081	Ave		0.4627				6.8		15.0			
Cyclohexane	0.3744 0.4869	0.3397	0.3749	0.4704	0.4957	LinF		0.4879							0.9998		0.9900
Carbon tetrachloride	0.3370 0.4244	0.3435	0.3522	0.4001	0.4376	Ave		0.3825				11.5		15.0			
1,1-Dichloropropene	0.4075 0.4366	0.3877	0.3698	0.4189	0.4488	Ave		0.4115				7.2		15.0			
Benzene	1.1662 1.1558	1.1663	1.1273	1.1552	1.2153	Ave		1.1643				2.5		15.0			
1,2-Dichloroethane	0.3340 0.3116	0.3181	0.3153	0.3093	0.3217	Ave		0.3183				2.8		15.0			
Isopropyl acetate	0.3807 0.4421	0.3573	0.3626	0.3723	0.4156	Ave		0.3885				8.6		15.0			
Tert-amyl methyl ether	0.5521 0.7191	0.6013	0.6361	0.6593	0.7156	Ave		0.6472				10.1		15.0			
2,4,4-Trimethyl-1-pentene	0.1218 0.1430	0.1217	0.1079	0.1407	0.1573	Ave		0.1320				13.7		15.0			
n-Butanol	0.0018 0.0033	0.0024	0.0023	0.0025	0.0030	QuaF		489.17	-958.8						0.9964		0.9900
Trichloroethene	0.3222 0.3239	0.3058	0.2995	0.3124	0.3328	Ave		0.3161				3.9		15.0			
Ethyl acrylate	0.1931 0.2514	0.1782	0.2007	0.2029	0.2606	LinF		0.2523							0.9992		0.9900
Methylcyclohexane	0.3973 0.6095	0.4140	0.4694	0.5893	0.6287	LinF		0.6119							0.9997		0.9900
1,2-Dichloropropane	0.2419 0.2676	0.2567	0.2495	0.2520	0.2732	Ave		0.2568				4.6		30.0			
Dibromomethane	0.1434 0.1430	0.1448	0.1439	0.1386	0.1472	Ave		0.1435				2.0		15.0			
1,4-Dioxane	0.0028 0.0027	0.0030	0.0023	0.0026	0.0032	Ave		0.0028				11.2		15.0			
Methyl methacrylate	0.1339 0.1469	0.1165	0.1190	0.1226	0.1373	Ave		0.1293				9.2		15.0			
Propyl acetate	0.1920 0.2474	0.1970	0.1951	0.2020	0.2276	Ave		0.2102				10.6		15.0			
Bromodichloromethane	0.3016 0.3560	0.3231	0.3329	0.3364	0.3670	Ave		0.3362				6.9		15.0			
2-Chloroethyl vinyl ether	0.0310 0.0505	0.0301	0.0313	0.0353	0.0418	QuaF		26.291	-12.86						0.9999		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.0141 0.0194	0.0145	0.0151	0.0158	0.0178	Ave		0.0161				12.9		15.0			
cis-1,3-Dichloropropene	0.3561 0.4333	0.3905	0.4025	0.4023	0.4447	Ave		0.4049				7.8		15.0			
4-Methyl-2-pentanone	0.1218 0.1615	0.1395	0.1241	0.1287	0.1457	Ave		0.1369				11.1		15.0			
Toluene	2.1419 1.8090	2.0242	1.8752	1.9123	1.9597	Ave		1.9537				6.0		30.0			
trans-1,3-Dichloropropene	0.4535 0.5366	0.4594	0.4882	0.4999	0.5479	Ave		0.4976				7.8		15.0			
1,1,2-Trichloroethane	0.2343 0.2402	0.2454	0.2402	0.2342	0.2448	Ave		0.2398				2.0		15.0			
Tetrachloroethene	0.5754 0.5173	0.5065	0.5010	0.5442	0.5566	Ave		0.5335				5.6		15.0			
1,3-Dichloropropane	0.5168 0.5150	0.5229	0.5112	0.4976	0.5245	Ave		0.5147				1.9		15.0			
2-Hexanone	0.1164 0.1600	0.1385	0.1166	0.1241	0.1429	Ave		0.1331				12.9		15.0			
Dibromochloromethane	0.3056 0.3810	0.3115	0.3312	0.3442	0.3840	Ave		0.3429				9.8		15.0			
Butyl acetate	0.3006 0.3798	0.2808	0.2993	0.3101	0.3537	Ave		0.3207				11.8		15.0			
1,2-Dibromoethane	0.2789 0.3000	0.3166	0.2958	0.2912	0.3085	Ave		0.2985				4.4		15.0			
Chlorobenzene	1.2248 1.2082	1.2407	1.2095	1.2253	1.2708	Ave		1.2299			0.3000	1.9		15.0			
1,1,1,2-Tetrachloroethane	0.3546 0.4293	0.3589	0.3935	0.4047	0.4422	Ave		0.3972				9.0		15.0			
Ethylbenzene	0.6089 0.6907	0.6430	0.6429	0.6783	0.7116	Ave		0.6626				5.7		30.0			
m&p-Xylene	0.7643 0.8382	0.8104	0.8188	0.8551	0.9028	Ave		0.8316				5.6		15.0			
o-Xylene	0.7544 0.8278	0.7618	0.7963	0.8217	0.8612	Ave		0.8039				5.1		15.0			
Styrene	1.1258 1.3882	1.2332	1.2786	1.3217	1.4481	Ave		1.2993				8.8		15.0			
Butyl acrylate	0.6469 1.1295	0.7443	0.8894	0.9100	1.0260	LinF		1.1146							0.9979		0.9900
Bromoform	0.1397 0.2457	0.1862	0.1902	0.1972	0.2387	LinF		0.2444			0.1000				0.9993		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	1.7737 2.0519	1.8438	1.8468	2.0326	2.2027	Ave		1.9586				8.3		15.0			
Camphene, Total	0.2990 0.3378	0.2335	0.2384	0.3046	0.3229	LinF		0.3355							0.9993		0.9900
Monobromobenzene	1.0646 0.9820	0.9902	1.0030	0.9712	0.9884	Ave		0.9999				3.3		15.0			
1,1,2,2-Tetrachloroethane	0.3850 0.7036	0.6221	0.6443	0.6250	0.6692	LinF		0.6984			0.3000				0.9994		0.9900
1,2,3-Trichloropropane	0.2247 0.2206	0.1995	0.2103	0.1947	0.2099	Ave		0.2100				5.5		15.0			
trans-1,4-Dichloro-2-butene	0.0651 0.0744	0.0554	0.0565	0.0607	0.0724	Ave		0.0641				12.5		15.0			
N-Propylbenzene	4.2332 4.6124	4.3957	4.5535	4.9518	5.2294	Ave		4.6626				7.9		15.0			
2-Chlorotoluene	2.6504 2.8999	2.6637	2.7294	2.7562	2.8681	Ave		2.7613				3.7		15.0			
4-Chlorotoluene	3.0901 3.0163	2.6816	2.8242	2.8642	3.0445	Ave		2.9202				5.4		15.0			
1,3,5-Trimethylbenzene	3.0733 3.6390	3.1951	3.3778	3.5158	3.7436	Ave		3.4241				7.6		15.0			
Butyl Methacrylate	0.6507 1.1430	0.7174	0.8291	0.9668	1.1095	LinF		1.1369							0.9994		0.9900
tert-Butylbenzene	2.7128 3.3005	2.9149	3.0171	3.1984	3.4126	Ave		3.0927				8.4		15.0			
1,2,4-Trimethylbenzene	3.0505 3.6407	3.3341	3.4765	3.5930	3.8516	Ave		3.4911				7.9		15.0			
sec-Butylbenzene	4.0731 4.3209	4.2158	4.4127	4.8784	5.2260	Ave		4.5211				9.7		15.0			
1,3-Dichlorobenzene	2.1887 1.9720	2.0117	2.0123	1.9869	2.0626	Ave		2.0390				3.9		15.0			
1,4-Dichlorobenzene	2.1447 1.8413	1.9567	1.9585	1.9712	2.0373	Ave		1.9849				5.1		15.0			
p-Isopropyltoluene	3.5820 3.6274	3.6383	3.8244	4.2343	4.4865	Ave		3.8988				9.6		15.0			
Benzyl chloride	0.8873 1.5858	0.8740	1.1573	1.3029	1.5334	LinF		1.5764							0.9992		0.9900
1,2-Dichlorobenzene	1.9422 1.7408	1.8288	1.8116	1.7946	1.8392	Ave		1.8262				3.6		15.0			
n-Butylbenzene	3.0523 3.2611	3.1487	3.4366	3.8476	4.0593	Ave		3.4676				11.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	0.1189 0.1297	0.1302	0.1090	0.1123	0.1201	Ave		0.1200				7.3		15.0			
Camphor	0.0597 0.0768	0.0625	0.0552	0.0662	0.0713	Ave		0.0653				12.1		15.0			
1,2,4-Trichlorobenzene	1.6630 1.3199	1.4408	1.4965	1.5348	1.4839	Ave		1.4898				7.6		15.0			
Hexachlorobutadiene	0.8303 0.7613	0.7714	0.7661	0.8995	0.8814	Ave		0.8184				7.5		15.0			
Naphthalene	3.1184 2.3349	2.6297	2.5615	2.6249	2.6233	Ave		2.6488				9.7		15.0			
1,2,3-Trichlorobenzene	1.5462 1.1833	1.3340	1.3069	1.3538	1.3040	Ave		1.3380				8.8		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1813 0.1781	0.1913	0.1806	0.1801	0.1916	Ave		0.1838				3.3		15.0			
Toluene-d8 (Surr)	1.1356 1.1232	1.1786	1.1244	1.1571	1.1906	Ave		1.1516				2.5		15.0			
Bromofluorobenzene	0.7258 0.7467	0.7621	0.7339	0.7356	0.7625	Ave		0.7444				2.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-64630/6	o45226.d
Level 2	IC 460-64630/7	o45228.d
Level 3	ICIS 460-64630/2	o45214.d
Level 4	IC 460-64630/3	o45218.d
Level 5	IC 460-64630/4	o45219.d
Level 6	IC 460-64630/5	o45220.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	8239 4167631	38565	122450	389935	1774265	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	9050 4499136	45501	145632	381894	1684170	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	7926 4497524	41532	133864	389397	1724856	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4847 2006113	24570	81782	221719	937726	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	5998 2538828	31034	97189	267460	1161742	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	12782 6654297	63992	203169	636769	2755668	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1373 695309	5624	24969	72315	274542	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	23790 200644	52455	71362	94799	133145	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	4335 2479953	22761	87738	219311	934774	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	8149 5489709	39210	169238	514831	2111780	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	34689 257891	76380	120366	151872	202018	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	5889 3289900	28978	113895	310828	1335282	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	5996 3770721	28379	124632	382187	1556527	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	14597 1144753	24321	27460	55383	210250	10.0 1000	15.0	20.0	50.0	200
Iodomethane	FB	Ave	7227 4616107	35632	134329	437617	1955587	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	16097 10830911	83312	358700	1045513	4322447	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropanol	FB	Ave	257590 1970338	625295	824747	1074196	1393413	1000 6000	2000	3000	4000	5000
Acetonitrile	FB	Ave	6224 5010266	40841	191381	453647	1961529	20.0 10000	100	400	1000	4000
Methyl acetate	FB	Ave	1600 626668	6580	26032	58901	230037	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	7949 3471644	35680	138877	337097	1432331	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	9380 5650062	47665	174044	428063	1947680	20.0 10000	100	400	1000	4000
Acrylonitrile	FB	Ave	73482 585701	162474	224698	299971	417323	50.0 300	100	150	200	250
trans-1,2-Dichloroethene	FB	Ave	7459 3862755	35231	139703	367257	1587330	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	15810 9034509	77773	311430	793605	3453422	1.00 500	5.00	20.0	50.0	200
Hexane	FB	LinF	4390 3074076	19666	90088	288703	1197788	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	11555 6079191	58075	218082	570680	2453584	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	12742 7621843	56877	224890	602652	2981233	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	14145 9980853	85186	334419	875218	3865181	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	15109 10473640	86925	352868	930662	4067878	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	10190 6408717	52490	213650	586239	2568229	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	8113 4316046	40644	165350	413515	1776029	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	6330 665416	10689	13060	29323	133131	10.0 1000	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	1108 567563	4989	18325	45008	205970	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	3972 1852028	18589	75365	179800	767286	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	12306 6551000	61823	244160	621010	2659261	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	10687 6521750	53689	219277	593973	2612417	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	9179 6499306	42364	185972	592881	2548618	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon tetrachloride	FB	Ave	8262 5665179	42842	174710	504327	2249756	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	9989 5827070	48346	183433	528038	2307636	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	28590 15428185	145445	559222	1456045	6248177	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	8189 4159277	39664	156399	389876	1654052	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	18668 11802868	89126	359739	938657	4273661	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	13534 9598236	74986	315539	830997	3679272	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	2987 1908272	15171	53520	177289	808590	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	QuaF	21878 266312	59476	84074	127996	189686	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	7900 4322952	38135	148565	393717	1711164	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	LinF	4734 3355058	22229	99563	255701	1339996	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	LinF	9741 8135616	51635	232865	742735	3232607	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5930 3572551	32013	123767	317589	1404670	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3516 1909138	18052	71369	174755	756994	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3436 21355	7385	8692	13226	20859	50.0 300	100	150	200	250
Methyl methacrylate	FB	Ave	3282 1960294	14525	59024	154519	705846	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	9413 6604619	49136	193607	509145	2340534	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	7395 4752051	40289	165136	423978	1886820	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	QuaF	759 674059	3755	15520	44518	214791	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	6896 5184236	36209	149380	398433	1829192	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	FB	Ave	8730 5783472	48701	199669	507132	2286402	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	FB	Ave	29872 4311718	52185	61571	162209	749087	10.0 1000	15.0	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene	CBZ	Ave	35654 16927324	171458	633625	1642666	6975020	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	7549 5020985	38913	164964	429370	1950231	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3900 2247582	20783	81168	201148	871147	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	9578 4840550	42898	169292	467448	1981051	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	8603 4819042	44289	172746	427398	1866784	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	19369 2994401	35199	39401	106599	508681	10.0 1000	15.0	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	5087 3564829	26384	111928	295678	1366744	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	10007 7107257	47561	202243	532781	2517868	2.00 1000	10.0	40.0	100	400
1,2-Dibromoethane	CBZ	Ave	4642 2806960	26815	99941	250119	1098066	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	20387 11306084	105090	408707	1052524	4522983	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	5903 4017426	30396	132978	347642	1574019	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	10135 6462965	54463	217243	582688	2532595	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	25444 15687561	137293	553365	1468970	6426595	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	12557 7746258	64529	269065	705788	3065162	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	18740 12989554	104452	432031	1135305	5154134	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	DCB	LinF	5604 5548257	33173	153714	413146	2010160	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	LinF	2325 2299006	15770	64283	169418	849438	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	29524 19200888	156177	624033	1745946	7840048	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	LinF	2590 1659376	10408	41211	138269	632641	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	9223 4824030	44136	173346	440937	1936549	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	LinF	3335 3456205	27727	111365	283733	1311079	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,3-Trichloropropane	DCB	Ave	1947 1083875	8892	36353	88389	411186	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	FB	Ave	1595 992567	6905	28041	76497	372034	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	36673 22657456	195918	786992	2248087	10245932	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	22961 14245316	118723	471729	1251308	5619500	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	26770 14817071	119520	488119	1300345	5965171	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	26625 17875539	142409	583797	1596152	7334806	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	5637 5614522	31975	143304	438898	2173864	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	23502 16212771	129917	521459	1452055	6686358	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	26427 17884172	148604	600861	1631178	7546409	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	35286 21225351	187902	762670	2214749	10239320	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	18961 9686800	89662	347791	902057	4041287	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	18580 9044859	87211	338496	894907	3991671	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	31032 17818698	162162	660981	1922328	8790387	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	7687 7789773	38954	200012	591498	3004489	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	16826 8551098	81510	313102	814730	3603632	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	26443 16019592	140338	593964	1746767	7953443	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1030 637125	5805	18840	50972	235277	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	2588 1886914	13934	47726	150264	698955	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	14407 6483499	64218	258649	696797	2907437	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	7193 3739764	34383	132412	408378	1726989	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	27016 11469444	117209	442717	1191705	5139870	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,3-Trichlorobenzene	DCB	Ave	13395 5812690	59457	225870	614619	2554938	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	222244 237782	238559	224010	227021	246277	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	945167 1051037	998276	949843	993892	1059368	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	314391 366798	339666	317099	333952	373472	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-63928/7	j97511.d
Level 2	IC 460-63928/6	j97508.d
Level 3	ICIS 460-63928/2	j97500.d
Level 4	IC 460-63928/3	j97501.d
Level 5	IC 460-63928/4	j97502.d
Level 6	IC 460-63928/5	j97503.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.5203 0.6266	0.5090	0.5322	0.5100	0.4999	Ave		0.5330				8.9		15.0			
Chloromethane	0.2272 0.3189	0.2662	0.2445	0.2387	0.2418	Ave		0.2562			0.1000	13.0		15.0			
Vinyl chloride	0.2966 0.3771	0.3232	0.2997	0.2920	0.2938	Ave		0.3137				10.5		30.0			
Bromomethane	0.2033 0.2719	0.2325	0.2025	0.2118	0.2112	Ave		0.2222				12.0		15.0			
Chloroethane	0.1582 0.1783	0.1353	0.1389	0.1325	0.1366	Ave		0.1467				12.3		15.0			
Trichlorofluoromethane	0.5209 +++++	0.6609	0.6686	0.6633	0.6612	Ave		0.6350				10.1		15.0			
n-Pentane	0.0421 0.0459	0.0493	0.0368	0.0356	0.0345	Ave		0.0407				14.8		15.0			
Ethanol	0.0009 +++++	0.0009	0.0010	0.0010	0.0010	Ave		0.0010				5.2		15.0			
Ethyl ether	0.2268 0.2461	0.2515	0.2156	0.2191	0.1971	Ave		0.2260				8.9		15.0			
Isopropene	0.2407 0.3410	0.3057	0.2686	0.2844	0.2686	Ave		0.2848				12.2		15.0			
Acrolein	0.0273 0.0305	0.0256	0.0269	0.0237	0.0242	Ave		0.0264				9.5		15.0			
Freon TF	0.4399 +++++	0.6117	0.5644	0.6056	0.5621	Ave		0.5567				12.4		15.0			
1,1-Dichloroethene	0.2853 0.3655	0.3220	0.3062	0.3058	0.2871	Ave		0.3120				9.5		30.0			
Acetone	0.0311 0.0220	0.0305	0.0277	0.0199	0.0191	LinF		0.0217							0.9962		0.9900
Isopropanol	0.0150 0.0170	0.0140	0.0149	0.0140	0.0135	Ave		0.0147				8.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.8621 0.9842	0.8558	0.8456	0.8468	0.7954	Ave		0.8650				7.3		15.0			
Carbon disulfide	0.9009 1.1359	0.9496	0.9095	0.9465	0.8964	Ave		0.9565				9.5		15.0			
Acetonitrile	0.0032 0.0039	0.0027	0.0027	0.0030	0.0031	QuaF		351.59	-123.8						1.0000		0.9900
Methyl acetate	0.1051 0.0738	0.0699	0.0712	0.0684	0.0604	LinF		0.0722							0.9938		0.9900
Methylene Chloride	0.4790 0.4147	0.3931	0.3517	0.3502	0.3245	Ave		0.3855				14.6		15.0			
TBA	0.0355 0.0311	0.0290	0.0290	0.0284	0.0254	Ave		0.0297				11.3		15.0			
Acrylonitrile	0.0604 0.0868	0.0690	0.0826	0.0650	0.0681	Ave		0.0720				14.4		15.0			
MTBE	1.1821 1.0184	0.9862	0.9372	0.9241	0.8331	Ave		0.9802				12.0		15.0			
trans-1,2-Dichloroethene	0.3718 0.4084	0.3590	0.3563	0.3555	0.3259	Ave		0.3628				7.4		15.0			
Hexane	0.1422 0.1872	0.1575	0.1592	0.1689	0.1521	Ave		0.1612				9.6		15.0			
1,1-Dichloroethane	0.7175 0.7665	0.7198	0.7299	0.6979	0.6252	Ave		0.7095			0.1000	6.6		15.0			
Vinyl acetate	1.3053 1.1276	1.2801	1.1968	1.1100	0.9538	Ave		1.1623				11.1		15.0			
DIPE	2.0431 1.6426	1.7078	1.5822	1.5233	1.3588	Ave		1.6430				14.0		15.0			
Tert-butyl ethyl ether	1.5882 1.5214	1.3881	1.3640	1.3234	1.2013	Ave		1.3977				10.0		15.0			
cis-1,2-Dichloroethene	0.4889 0.4279	0.4226	0.3901	0.3867	0.3571	Ave		0.4122				11.1		15.0			
2-Butanone	0.0299 0.0331	0.0329	0.0348	0.0327	0.0287	Ave		0.0320				7.1		15.0			
2,2-Dichloropropane	0.5735 0.6118	0.5444	0.5921	0.5581	0.5122	Ave		0.5654				6.3		15.0			
Ethyl acetate	0.0750 0.0376	0.0319	0.0357	0.0366	0.0324	LinF		0.0370							0.9965		0.9900
Bromochloromethane	0.3238 0.2899	0.2710	0.2657	0.2547	0.2303	Ave		0.2726				11.7		15.0			
Tetrahydrofuran	0.1074 0.0927	0.0996	0.0956	0.0887	0.0769	Ave		0.0935				11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chloroform	0.9153 0.8184	0.7745	0.7275	0.7305	0.6586	Ave		0.7708				11.5		30.0			
1,1,1-Trichloroethane	0.5440 0.7708	0.6546	0.6336	0.6411	0.6010	Ave		0.6408				11.7		15.0			
Cyclohexane	0.3682 0.5532	0.5124	0.4929	0.4926	0.4606	Ave		0.4800				13.0		15.0			
1,1-Dichloropropene	0.5121 0.5711	0.5668	0.5663	0.5797	0.4913	Ave		0.5479				6.7		15.0			
Carbon tetrachloride	0.3876 0.6795	0.5757	0.5863	0.6076	0.5427	LinF		0.6634							0.9922		0.9900
Benzene	1.5832 1.4977	1.3972	1.4668	1.4287	1.2853	Ave		1.4432				7.0		15.0			
Isopropyl acetate	1.2856 1.0238	1.0916	1.0213	0.9972	0.8626	Ave		1.0470				13.3		15.0			
1,2-Dichloroethane	0.5186 0.4547	0.4644	0.4525	0.4367	0.3773	Ave		0.4507				10.1		15.0			
Tert-amyl methyl ether	1.3344 1.1538	1.2496	1.1885	1.1554	1.0172	Ave		1.1832				9.0		15.0			
n-Butanol	0.0049 0.0049	0.0042	0.0050	0.0048	0.0055	Ave		0.0049				8.8		15.0			
2,4,4-Trimethyl-1-pentene	0.0627 0.1109	0.1163	0.0998	0.0963	0.0775	QuaF		13.771	-4.280						0.9988		0.9900
Trichloroethene	0.5053 0.4635	0.4271	0.4054	0.4144	0.3817	Ave		0.4329				10.3		15.0			
Ethyl acrylate	0.5582 0.5385	0.5252	0.5052	0.4771	0.4492	Ave		0.5089				7.9		15.0			
Methylcyclohexane	0.2763 0.4104	0.3703	0.3656	0.3715	0.3494	Ave		0.3572				12.4		15.0			
1,2-Dichloropropane	0.4855 0.4569	0.4951	0.4588	0.4395	0.3883	Ave		0.4540				8.4		30.0			
Methyl methacrylate	0.1790 0.1054	0.1160	0.1029	0.0995	0.0896	LinF		0.1035							0.9958		0.9900
Propyl acetate	0.7430 0.6151	0.6610	0.6054	0.5861	0.5137	Ave		0.6207				12.4		15.0			
Dibromomethane	0.4636 0.3871	0.3936	0.3766	0.3556	0.3175	Ave		0.3823				12.7		15.0			
1,4-Dioxane	0.0035 +++++	0.0032	0.0038	0.0030	0.0037	Ave		0.0034				10.1		15.0			
Bromodichloromethane	0.9016 0.8065	0.7733	0.7612	0.7546	0.6682	Ave		0.7776				9.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloroethyl vinyl ether	0.3308 0.2948	0.2761	0.2615	0.2544	0.2256	Ave		0.2739				13.2		15.0			
Epichlorohydrin	0.0555 0.0547	0.0492	0.0549	0.0527	0.0474	Ave		0.0524				6.4		15.0			
cis-1,3-Dichloropropene	1.1456 0.9426	0.9107	0.9590	0.9176	0.8238	Ave		0.9499				11.2		15.0			
4-Methyl-2-pentanone	0.5688 0.6142	0.5030	0.5548	0.5288	0.4994	Ave		0.5448				8.0		15.0			
Toluene	1.8115 1.6333	1.5174	1.5223	1.4600	1.3569	Ave		1.5502				10.1		30.0			
trans-1,3-Dichloropropene	0.9421 0.8790	0.7697	0.8373	0.7920	0.7295	Ave		0.8249				9.4		15.0			
1,1,2-Trichloroethane	0.4927 0.4856	0.4345	0.4374	0.4217	0.3881	Ave		0.4433				8.9		15.0			
Tetrachloroethene	0.4505 0.6971	0.5634	0.6310	0.6031	0.5917	Ave		0.5895				13.9		15.0			
1,3-Dichloropropane	1.0449 0.8425	0.8869	0.8962	0.8272	0.7279	Ave		0.8709				12.0		15.0			
2-Hexanone	0.3464 0.3476	0.3087	0.3072	0.3119	0.2861	Ave		0.3180				7.6		15.0			
Butyl acetate	0.2108 0.1730	0.1493	0.1619	0.1556	0.1442	Ave		0.1658				14.6		15.0			
Dibromochloromethane	0.9002 0.9992	0.8325	0.9129	0.8758	0.8083	Ave		0.8881				7.6		15.0			
1,2-Dibromoethane	0.8646 0.7909	0.7418	0.7498	0.7293	0.6603	Ave		0.7561				9.0		15.0			
Chlorobenzene	1.2366 1.2224	1.0626	1.1519	1.1224	1.0180	Ave		1.1356			0.3000	7.6		15.0			
1,1,1,2-Tetrachloroethane	0.7192 0.6704	0.5921	0.6549	0.6405	0.5637	Ave		0.6401				8.7		15.0			
Ethylbenzene	0.4744 0.4952	0.4695	0.5029	0.4749	0.4326	Ave		0.4749				5.2		30.0			
m&p-Xylene	0.6747 0.6890	0.6242	0.6686	0.6650	0.6056	Ave		0.6545				4.9		15.0			
Butyl acrylate	0.5428 0.5863	0.4678	0.5177	0.4909	0.4590	Ave		0.5108				9.5		15.0			
o-Xylene	0.6415 0.7078	0.6307	0.6849	0.6393	0.6025	Ave		0.6511				5.9		15.0			
Styrene	1.1876 1.1814	1.0916	1.1830	1.0875	1.0119	Ave		1.1238				6.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromoform	0.5700 0.7301	0.5489	0.6359	0.5929	0.5595	Ave		0.6062			0.1000	11.2		15.0			
Isopropylbenzene	1.2574 1.7376	1.3713	1.5277	1.4795	1.4066	Ave		1.4633				11.2		15.0			
Camphene, Total	0.1374 0.1913	0.1352	0.1803	0.1694	0.1545	Ave		0.1613				14.2		15.0			
1,1,2,2-Tetrachloroethane	1.6374 1.2114	1.3922	1.4020	1.2502	1.1122	Ave		1.3342			0.3000	13.9		15.0			
trans-1,4-Dichloro-2-butene	0.4201 0.3028	0.4236	0.3935	0.3499	0.3117	Ave		0.3670				14.5		15.0			
Monobromobenzene	1.2048 0.9244	1.1002	1.0628	0.9874	0.8998	Ave		1.0299				11.2		15.0			
1,2,3-Trichloropropane	0.5330 0.2965	0.4109	0.3708	0.3340	0.2911	LinF		0.2963							0.9996		0.9900
N-Propylbenzene	2.5952 2.8712	3.1672	3.1527	3.1029	2.6055	Ave		2.9158				9.1		15.0			
2-Chlorotoluene	2.1494 1.6819	1.8479	1.8723	1.7728	1.5648	QuaF		0.6470	-0.003						0.9997		0.9900
1,3,5-Trimethylbenzene	1.9587 1.9997	2.0730	2.1582	2.0059	1.7858	Ave		1.9969				6.3		15.0			
Butyl Methacrylate	1.8320 1.3451	1.6234	1.5627	1.4807	1.2590	Ave		1.5172				13.5		15.0			
4-Chlorotoluene	2.8655 2.3174	2.5844	2.5673	2.5117	2.1090	Ave		2.4925				10.3		15.0			
tert-Butylbenzene	1.9323 2.4641	2.3052	2.3818	2.1510	2.0148	Ave		2.2082				9.5		15.0			
1,2,4-Trimethylbenzene	2.2694 2.3272	2.2847	2.3018	2.1207	1.9260	Ave		2.2050				7.0		15.0			
2-Octanone	1.9204 1.9614	1.7676	1.7702	1.7232	1.5288	Ave		1.7786				8.7		15.0			
sec-Butylbenzene	2.1731 3.1378	2.8543	3.0633	2.7627	2.6071	Ave		2.7664				12.6		15.0			
p-Isopropyltoluene	2.0996 2.4852	2.3751	2.4620	2.3275	2.1268	Ave		2.3127				7.1		15.0			
1,3-Dichlorobenzene	1.5496 1.4298	1.5053	1.4433	1.3259	1.2203	Ave		1.4124				8.6		15.0			
1,4-Dichlorobenzene	2.0624 1.9095	1.8054	1.7759	1.7250	1.5905	Ave		1.8115				8.9		15.0			
Benzyl chloride	1.8001 1.9545	1.7164	1.9918	1.9081	1.6407	Ave		1.8352				7.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	1.7917 2.3955	2.0530	2.2695	2.0423	1.9018	Ave		2.0756				10.8		15.0			
1,2-Dichlorobenzene	1.7415 1.7243	1.5759	1.5459	1.4653	1.3818	Ave		1.5725				9.0		15.0			
1,2-Dibromo-3-Chloropropane	0.3126 0.3660	0.2984	0.3245	0.2852	0.2910	Ave		0.3130				9.5		15.0			
Camphor	0.2207 0.1467	0.1292	0.1352	0.1223	0.1200	LinF		0.1435							0.9935		0.9900
1,2,4-Trichlorobenzene	0.8506 1.0820	0.7588	1.0840	0.9312	0.9800	Ave		0.9478				13.6		15.0			
Hexachlorobutadiene	0.8167 0.7354	0.7777	0.8688	0.6582	0.6742	Ave		0.7552				10.9		15.0			
Naphthalene	1.4796 1.8775	1.0913	1.6863	1.5834	1.7611	LinF		1.8600							0.9990		0.9900
1,2,3-Trichlorobenzene	0.7529 0.7500	0.5214	0.8085	0.7148	0.7146	Ave		0.7104				13.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3075 0.3416	0.3217	0.3359	0.3251	0.2702	Ave		0.3170				8.2		15.0			
Toluene-d8 (Surr)	1.0680 1.3854	1.0724	1.1968	1.1639	1.1281	Ave		1.1691				10.0		15.0			
Bromofluorobenzene	0.8833 1.1056	0.9401	0.9464	0.9114	0.9058	Ave		0.9488				8.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-63928/7	j97511.d
Level 2	IC 460-63928/6	j97508.d
Level 3	ICIS 460-63928/2	j97500.d
Level 4	IC 460-63928/3	j97501.d
Level 5	IC 460-63928/4	j97502.d
Level 6	IC 460-63928/5	j97503.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	10795 4614444	53264	198803	508303	1931982	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	4714 2348017	27859	91351	237878	934674	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6153 2777158	33816	111955	291041	1135637	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4218 2002043	24327	75665	211145	816283	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3283 1313212	14161	51892	132077	528123	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	10807 +++++	69154	249762	661144	2555322	1.00 +++++	5.00	20.0	50.0	200
n-Pentane	FB	Ave	874 337724	5154	13754	35501	133159	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	19185 +++++	37852	57167	76733	97328	1000 +++++	2000	3000	4000	5000
Ethyl ether	FB	Ave	4705 1812472	26318	80555	218335	761961	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	4994 2510710	31989	100352	283506	1038151	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	2263 179936	10721	20105	47209	93479	4.00 400	20.0	40.0	100	200
Freon TF	FB	Ave	9128 +++++	64007	210834	603582	2172505	1.00 +++++	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	5920 2691306	33700	114402	304761	1109439	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	6458 162245	9581	10360	19786	73952	10.0 500	15.0	20.0	50.0	200
Isopropanol	FB	Ave	312052 1500139	585408	834533	1113470	1304929	1000 6000	2000	3000	4000	5000
Iodomethane	FB	Ave	17886 7247372	89555	315899	843955	3074133	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	18692 8364756	99374	339766	943332	3464547	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	QuaF	1344 579495	5570	19865	59182	240805	20.0 10000	100	400	1000	4000
Methyl acetate	FB	LinF	2180 543463	7310	26606	68168	233491	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	9938 3053448	41137	131380	349081	1254027	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	14732 4574158	60747	216733	566242	1964845	20.0 10000	100	400	1000	4000
Acrylonitrile	FB	Ave	2505 255787	14448	30858	64766	131637	2.00 200	10.0	20.0	50.0	100
MTBE	FB	Ave	24527 7499334	103194	350138	921079	3220021	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	7714 3007158	37564	133119	354343	1259414	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	2951 1378423	16485	59478	168336	587790	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	14887 5644251	75325	272660	695572	2416380	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	27082 8303596	133954	447118	1106284	3686318	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	42391 12095443	178714	591075	1518293	5251714	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	32952 11203381	145258	509552	1318990	4642765	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	10144 3151097	44224	145739	385438	1380184	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	6213 243556	10332	13015	32597	110967	10.0 500	15.0	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	11898 4505325	56971	221213	556209	1979767	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	LinF	3113 554009	6670	26693	72896	250684	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	6719 2134961	28357	99254	253895	890093	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	2228 682972	10421	35698	88435	297376	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	18990 6026287	81048	271775	728091	2545606	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	11286 5676161	68496	236716	638976	2322813	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	7640 4073501	53620	184122	490919	1780298	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	10626 4205675	59308	211576	577771	1898671	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	LinF	8042 5003407	60241	219018	605564	2097677	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	24204 7924854	113975	390948	1026595	3532670	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	53347 15077695	228460	763040	1987695	6667692	2.00 1000	10.0	40.0	100	400
1,2-Dichloroethane	FB	Ave	10760 3348550	48599	169048	435216	1458202	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	27687 8495970	130760	444005	1151551	3931541	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	50476 216531	87880	139014	191019	267980	500 3000	1000	1500	2000	2500
2,4,4-Trimethyl-1-pentene	FB	QuaF	1300 816674	12168	37283	95950	299712	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	10484 3412891	44697	151450	412995	1475282	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	11582 3965142	54963	188732	475469	1736123	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	5732 3022013	38750	136585	370263	1350242	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	10073 3364268	51808	171392	438051	1500812	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	LinF	3713 776314	12142	38438	99190	346205	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	30831 9058262	138346	452333	1168245	3970857	2.00 1000	10.0	40.0	100	400
Dibromomethane	FB	Ave	9618 2850772	41188	140672	354428	1227143	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3661 +++++	6635	10512	11870	18073	50.0 +++++	100	150	200	250
Bromodichloromethane	FB	Ave	18707 5938773	80921	284367	752081	2582493	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	6864 2170468	28895	97673	253564	871942	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	16957 5786924	80343	292814	757147	2605320	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	17515 4987511	74286	255603	659324	2264413	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Methyl-2-pentanone	CBZ	Ave	86965 3249657	123085	147861	379940	1372589	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	27695 8641994	123783	405733	1049073	3729642	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	14403 4651009	62785	223159	569105	2005066	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	7532 2569568	35440	116588	302998	1066676	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	6887 3688511	45958	168181	433368	1626442	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	15975 4457764	72347	238862	594410	2000714	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	52959 1839329	75548	81879	224142	786394	10.0 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	6447 1830281	24354	86304	223568	792613	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	13762 5286840	67911	243320	629271	2221631	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	13219 4184905	60510	199844	524040	1814783	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	18905 6468062	86678	307008	806474	2798093	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	10996 3547199	48301	174549	460212	1549291	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	7253 2620043	38301	134024	341228	1189014	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	20631 7291244	101830	356404	955654	3329378	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	Ave	8298 3102245	38161	137987	352755	1261638	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	9808 3745017	51449	182539	459338	1655966	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	18156 6250947	89046	315301	781444	2781277	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	8715 3862910	44774	169476	426039	1537877	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	19223 9193842	111863	407164	1063068	3866272	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	2101 1011946	11026	48053	121701	424545	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	14429 4352691	62312	222897	538937	1903740	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	3702 1088190	18960	62561	150839	533607	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	10617 3321516	49243	168979	425649	1540155	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	LinF	4697 1065409	18390	58947	143976	498346	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	22870 10316851	141758	501239	1337548	4459928	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	QuaF	18941 6043396	82706	297666	764207	2678455	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	17261 7185401	92784	343132	864697	3056841	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	16144 4833109	72660	248454	638287	2155121	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	25252 8326939	115671	408166	1082716	3609952	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	17028 8854138	103173	378674	927226	3448869	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	19999 8362175	102257	365959	914179	3296753	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	16923 7047793	79113	281434	742815	2616809	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	19150 11274820	127751	487021	1190899	4462577	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	18502 8929957	106303	391431	1003304	3640584	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	13656 5137445	67375	229459	571555	2088891	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	18175 6861340	80806	282339	743587	2722429	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	15863 7022717	76824	316662	822522	2808358	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	15789 8607510	91886	360827	880388	3255304	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	15347 6195859	70535	245771	631632	2365246	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	2755 1315151	13356	51588	122938	498158	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	9725 2635802	28904	107508	263625	1027057	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	7496 3888010	33964	172348	401409	1677460	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	7197 2642580	34810	138133	283710	1154059	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	13039 6746131	48846	268094	682539	3014561	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	6635 2695058	23336	128536	308135	1223150	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	318948 251573	336684	313708	324051	261037	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	816394 733066	874818	797430	836298	775173	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	389179 397261	420753	376150	392889	387637	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-68728/2 Calibration Date: 03/28/2011 17:31

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46697.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3098	0.2373		15.3	20.0	-23.4	50.0
Chloromethane	Ave	0.3325	0.2643	0.1000	15.9	20.0	-20.5	50.0
Vinyl chloride	Ave	0.3179	0.2708		17.0	20.0	-14.8	20.0
Bromomethane	Ave	0.1780	0.2086		23.4	20.0	17.2	50.0
Chloroethane	Ave	0.2196	0.2338		21.3	20.0	6.4	50.0
Trichlorofluoromethane	Ave	0.4973	0.4937		19.9	20.0	-0.7	50.0
n-Pentane	Ave	0.0524	0.0438		16.7	20.0	-16.4	50.0
Ethanol	Ave	0.0010	0.0010		2970	3000	-0.9	50.0
Ethyl ether	Ave	0.1796	0.1767		19.7	20.0	-1.6	50.0
Isopropene	Ave	0.3697	0.3263		17.7	20.0	-11.7	50.0
Acrolein	Ave	0.0154	0.0059		116	300	-61.5	99.0
1,1-Dichloroethene	Ave	0.2425	0.2205		18.2	20.0	-9.1	20.0
Freon TF	Ave	0.2686	0.2609		19.4	20.0	-2.9	50.0
Acetone	LinF	0.0513	0.0592		27.6	20.0	38.2	50.0
Iodomethane	Ave	0.3208	0.3055		19.0	20.0	-4.8	50.0
Carbon disulfide	Ave	0.7549	0.6416		17.0	20.0	-15.0	50.0
Isopropanol	Ave	0.0113	0.0123		3250	3000	8.4	50.0
Acetonitrile	Ave	0.0174	0.0190		438	400	9.6	50.0
Methyl acetate	Ave	0.0515	0.0597		23.2	20.0	16.0	50.0
Methylene Chloride	Ave	0.2827	0.2782		19.7	20.0	-1.6	50.0
TBA	Ave	0.0188	0.0203		433	400	8.1	50.0
Acrylonitrile	Ave	0.0638	0.0622		146	150	-2.6	50.0
trans-1,2-Dichloroethene	Ave	0.2930	0.2873		19.6	20.0	-1.9	50.0
MTBE	Ave	0.6457	0.6787		21.0	20.0	5.1	50.0
Hexane	LinF	0.2018	0.1851		16.1	20.0	-19.7	50.0
1,1-Dichloroethane	Ave	0.4603	0.4509	0.1000	19.6	20.0	-2.1	50.0
DIPE	Ave	0.6880	0.7547		21.9	20.0	9.7	50.0
Vinyl acetate	Ave	0.5097	0.4229		16.6	20.0	-17.0	50.0
Tert-butyl ethyl ether	Ave	0.7231	0.7316	0.0100	20.2	20.0	1.2	50.0
2,2-Dichloropropane	Ave	0.4520	0.4309		19.1	20.0	-4.7	50.0
cis-1,2-Dichloroethene	Ave	0.3312	0.3315		20.0	20.0	0.1	50.0
2-Butanone	Ave	0.0258	0.0299		23.2	20.0	16.0	50.0
Ethyl acetate	Ave	0.0200	0.0185		36.9	40.0	-7.7	50.0
Bromochloromethane	Ave	0.1489	0.1566		21.0	20.0	5.2	50.0
Chloroform	Ave	0.4984	0.5016		20.1	20.0	0.6	20.0
1,1,1-Trichloroethane	Ave	0.4627	0.4601		19.9	20.0	-0.6	50.0
Cyclohexane	LinF	0.4237	0.3936		16.1	20.0	-19.3	50.0
Carbon tetrachloride	Ave	0.3825	0.3784		19.8	20.0	-1.1	50.0
1,1-Dichloropropene	Ave	0.4115	0.3855		18.7	20.0	-6.3	50.0
Benzene	Ave	1.164	1.158		19.9	20.0	-0.6	50.0
1,2-Dichloroethane	Ave	0.3183	0.3153		19.8	20.0	-1.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-68728/2 Calibration Date: 03/28/2011 17:31

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46697.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.3885	0.4032		41.5	40.0	3.8	50.0
Tert-amyl methyl ether	Ave	0.6472	0.6797		21.0	20.0	5.0	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1320	0.1277		19.3	20.0	-3.3	50.0
n-Butanol	QuaF	0.0025	0.0027		1640	1500	9.5	50.0
Trichloroethene	Ave	0.3161	0.3083		19.5	20.0	-2.5	50.0
Ethyl acrylate	LinF	0.2145	0.2504		19.9	20.0	-0.7	50.0
Methylcyclohexane	LinF	0.5180	0.5197		17.0	20.0	-15.1	50.0
1,2-Dichloropropane	Ave	0.2568	0.2530		19.7	20.0	-1.5	20.0
Dibromomethane	Ave	0.1435	0.1494		20.8	20.0	4.1	50.0
1,4-Dioxane	Ave	0.0028	0.0029		159	150	5.9	50.0
Methyl methacrylate	Ave	0.1293	0.1320		20.4	20.0	2.0	50.0
Propyl acetate	Ave	0.2102	0.2267		43.1	40.0	7.9	50.0
Bromodichloromethane	Ave	0.3362	0.3460		20.6	20.0	2.9	50.0
2-Chloroethyl vinyl ether	QuaF	0.0367	0.0529		27.5	20.0	37.6	50.0
Epichlorohydrin	Ave	0.0161	0.0168		418	400	4.5	50.0
cis-1,3-Dichloropropene	Ave	0.4049	0.4101		20.3	20.0	1.3	50.0
4-Methyl-2-pentanone	Ave	0.1369	0.1455		21.3	20.0	6.3	50.0
Toluene	Ave	1.954	1.892		19.4	20.0	-3.1	20.0
trans-1,3-Dichloropropene	Ave	0.4976	0.4941		19.9	20.0	-0.7	50.0
1,1,2-Trichloroethane	Ave	0.2398	0.2421		20.2	20.0	0.9	50.0
Tetrachloroethene	Ave	0.5335	0.5527		20.7	20.0	3.6	50.0
1,3-Dichloropropane	Ave	0.5147	0.5164		20.1	20.0	0.3	50.0
2-Hexanone	Ave	0.1331	0.1333		20.0	20.0	0.2	50.0
Dibromochloromethane	Ave	0.3429	0.3610		21.1	20.0	5.3	50.0
Butyl acetate	Ave	0.3207	0.3487		43.5	40.0	8.7	50.0
1,2-Dibromoethane	Ave	0.2985	0.3135		21.0	20.0	5.0	50.0
Chlorobenzene	Ave	1.230	1.259	0.3000	20.5	20.0	2.4	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3972	0.4195		21.1	20.0	5.6	50.0
Ethylbenzene	Ave	0.6626	0.6774		20.4	20.0	2.2	20.0
m&p-Xylene	Ave	0.8316	0.8442		40.6	40.0	1.5	50.0
o-Xylene	Ave	0.8039	0.8291		20.6	20.0	3.1	50.0
Styrene	Ave	1.299	1.334		20.5	20.0	2.6	50.0
Butyl acrylate	LinF	0.8910	0.8773		15.7	20.0	-21.3	50.0
Bromoform	LinF	0.1996	0.2198	0.1000	18.0	20.0	-10.0	50.0
Isopropylbenzene	Ave	1.959	1.986		20.3	20.0	1.4	50.0
Camphene, Total	LinF	0.2894	0.2523		15.0	20.0	-24.8	50.0
Monobromobenzene	Ave	1.000	1.002		20.0	20.0	0.2	50.0
1,1,2,2-Tetrachloroethane	LinF	0.6082	0.6593	0.3000	18.9	20.0	-5.6	50.0
1,2,3-Trichloropropane	Ave	0.2100	0.2115		20.1	20.0	0.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0641	0.0621		19.4	20.0	-3.1	50.0
N-Propylbenzene	Ave	4.663	4.481		19.2	20.0	-3.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-68728/2 Calibration Date: 03/28/2011 17:31

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46697.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chlorotoluene	Ave	2.761	2.592		18.8	20.0	-6.1	50.0
4-Chlorotoluene	Ave	2.920	2.675		18.3	20.0	-8.4	50.0
1,3,5-Trimethylbenzene	Ave	3.424	3.273		19.1	20.0	-4.4	50.0
Butyl Methacrylate	LinF	0.9027	0.8349		14.7	20.0	-26.6	50.0
tert-Butylbenzene	Ave	3.093	3.032		19.6	20.0	-2.0	50.0
1,2,4-Trimethylbenzene	Ave	3.491	3.355		19.2	20.0	-3.9	50.0
sec-Butylbenzene	Ave	4.521	4.423		19.6	20.0	-2.2	50.0
1,3-Dichlorobenzene	Ave	2.039	2.032		19.9	20.0	-0.4	50.0
1,4-Dichlorobenzene	Ave	1.985	2.007		20.2	20.0	1.1	50.0
p-Isopropyltoluene	Ave	3.899	3.854		19.8	20.0	-1.1	50.0
Benzyl chloride	LinF	1.223	1.165		14.8	20.0	-26.1	50.0
1,2-Dichlorobenzene	Ave	1.826	1.872		20.5	20.0	2.5	50.0
n-Butylbenzene	Ave	3.468	3.389		19.5	20.0	-2.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1200	0.1050		17.5	20.0	-12.6	50.0
Camphor	Ave	0.0653	0.0646		98.8	100	-1.2	50.0
1,2,4-Trichlorobenzene	Ave	1.490	1.573		21.1	20.0	5.6	50.0
Hexachlorobutadiene	Ave	0.8184	0.8728		21.3	20.0	6.7	50.0
Naphthalene	Ave	2.649	2.965		22.4	20.0	11.9	50.0
1,2,3-Trichlorobenzene	Ave	1.338	1.402		21.0	20.0	4.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1838	0.1685		45.8	50.0	-8.3	50.0
Toluene-d8 (Surr)	Ave	1.152	1.066		46.3	50.0	-7.4	50.0
Bromofluorobenzene	Ave	0.7444	0.7187		48.3	50.0	-3.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-68929/2 Calibration Date: 03/30/2011 04:41

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46750.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3098	0.3778		24.4	20.0	21.9	50.0
Chloromethane	Ave	0.3325	0.2761	0.1000	16.6	20.0	-17.0	50.0
Vinyl chloride	Ave	0.3179	0.3079		19.4	20.0	-3.2	20.0
Bromomethane	Ave	0.1780	0.1965		22.1	20.0	10.3	50.0
Chloroethane	Ave	0.2196	0.2397		21.8	20.0	9.1	50.0
Trichlorofluoromethane	Ave	0.4973	0.5988		24.1	20.0	20.4	50.0
n-Pentane	Ave	0.0524	0.0453		17.3	20.0	-13.6	50.0
Ethanol	Ave	0.0010	0.0009		2630	3000	-12.3	50.0
Ethyl ether	Ave	0.1796	0.1652		18.4	20.0	-8.0	50.0
Isopropene	Ave	0.3697	0.3805		20.6	20.0	2.9	50.0
Acrolein	Ave	0.0154	0.0057		110	300	-63.4	99.0
1,1-Dichloroethene	Ave	0.2425	0.2528		20.8	20.0	4.2	20.0
Freon TF	Ave	0.2686	0.3061		22.8	20.0	14.0	50.0
Acetone	LinF	0.0513	0.0563		26.3	20.0	31.4	50.0
Iodomethane	Ave	0.3208	0.3257		20.3	20.0	1.5	50.0
Carbon disulfide	Ave	0.7549	0.6957		18.4	20.0	-7.8	50.0
Isopropanol	Ave	0.0113	0.0108		2850	3000	-5.0	50.0
Acetonitrile	Ave	0.0174	0.0191		440	400	10.1	50.0
Methyl acetate	Ave	0.0515	0.0557		21.6	20.0	8.2	50.0
Methylene Chloride	Ave	0.2827	0.2740		19.4	20.0	-3.1	50.0
TBA	Ave	0.0188	0.0174		369	400	-7.7	50.0
Acrylonitrile	Ave	0.0638	0.0592		139	150	-7.2	50.0
trans-1,2-Dichloroethene	Ave	0.2930	0.3057		20.9	20.0	4.3	50.0
MTBE	Ave	0.6457	0.6101		18.9	20.0	-5.5	50.0
Hexane	LinF	0.2018	0.2083		18.1	20.0	-9.7	50.0
1,1-Dichloroethane	Ave	0.4603	0.4615	0.1000	20.1	20.0	0.3	50.0
DIPE	Ave	0.6880	0.6818		19.8	20.0	-0.9	50.0
Vinyl acetate	Ave	0.5097	0.4069		16.0	20.0	-20.2	50.0
Tert-butyl ethyl ether	Ave	0.7231	0.6754	0.0100	18.7	20.0	-6.6	50.0
2,2-Dichloropropane	Ave	0.4520	0.4714		20.9	20.0	4.3	50.0
cis-1,2-Dichloroethene	Ave	0.3312	0.3381		20.4	20.0	2.1	50.0
2-Butanone	Ave	0.0258	0.0261		20.2	20.0	1.2	50.0
Ethyl acetate	Ave	0.0200	0.0164		32.8	40.0	-17.9	50.0
Bromochloromethane	Ave	0.1489	0.1563		21.0	20.0	4.9	50.0
Chloroform	Ave	0.4984	0.5091		20.4	20.0	2.1	20.0
1,1,1-Trichloroethane	Ave	0.4627	0.5119		22.1	20.0	10.6	50.0
Cyclohexane	LinF	0.4237	0.4256		17.4	20.0	-12.8	50.0
1,1-Dichloropropene	Ave	0.4115	0.4086		19.9	20.0	-0.7	50.0
Carbon tetrachloride	Ave	0.3825	0.4342		22.7	20.0	13.5	50.0
Benzene	Ave	1.164	1.150		19.7	20.0	-1.3	50.0
1,2-Dichloroethane	Ave	0.3183	0.2958		18.6	20.0	-7.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-68929/2 Calibration Date: 03/30/2011 04:41

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46750.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.3885	0.3458		35.6	40.0	-11.0	50.0
Tert-amyl methyl ether	Ave	0.6472	0.6030		18.6	20.0	-6.8	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1320	0.1366		20.7	20.0	3.4	50.0
n-Butanol	QuaF	0.0025	0.0023		1440	1500	-4.3	50.0
Trichloroethene	Ave	0.3161	0.3230		20.4	20.0	2.2	50.0
Ethyl acrylate	LinF	0.2145	0.1673		13.3	20.0	-33.7	50.0
Methylcyclohexane	LinF	0.5180	0.5571		18.2	20.0	-9.0	50.0
1,2-Dichloropropane	Ave	0.2568	0.2426		18.9	20.0	-5.5	20.0
Dibromomethane	Ave	0.1435	0.1468		20.5	20.0	2.3	50.0
1,4-Dioxane	Ave	0.0028	0.0027		146	150	-3.0	50.0
Methyl methacrylate	Ave	0.1293	0.1149		17.8	20.0	-11.2	50.0
Propyl acetate	Ave	0.2102	0.1877		35.7	40.0	-10.7	50.0
Bromodichloromethane	Ave	0.3362	0.3386		20.1	20.0	0.7	50.0
2-Chloroethyl vinyl ether	QuaF	0.0367	0.0467		24.3	20.0	21.5	50.0
Epichlorohydrin	Ave	0.0161	0.0148		368	400	-7.9	50.0
cis-1,3-Dichloropropene	Ave	0.4049	0.3918		19.4	20.0	-3.2	50.0
4-Methyl-2-pentanone	Ave	0.1369	0.1160		16.9	20.0	-15.3	50.0
Toluene	Ave	1.954	1.890		19.4	20.0	-3.2	20.0
trans-1,3-Dichloropropene	Ave	0.4976	0.4656		18.7	20.0	-6.4	50.0
1,1,2-Trichloroethane	Ave	0.2398	0.2276		19.0	20.0	-5.1	50.0
Tetrachloroethene	Ave	0.5335	0.5995		22.5	20.0	12.4	50.0
1,3-Dichloropropane	Ave	0.5147	0.4769		18.5	20.0	-7.3	50.0
2-Hexanone	Ave	0.1331	0.1064		16.0	20.0	-20.0	50.0
Dibromochloromethane	Ave	0.3429	0.3548		20.7	20.0	3.4	50.0
Butyl acetate	Ave	0.3207	0.2793		34.8	40.0	-12.9	50.0
1,2-Dibromoethane	Ave	0.2985	0.2884		19.3	20.0	-3.4	50.0
Chlorobenzene	Ave	1.230	1.228	0.3000	20.0	20.0	-0.2	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3972	0.4055		20.4	20.0	2.1	50.0
Ethylbenzene	Ave	0.6626	0.6611		20.0	20.0	-0.2	20.0
m&p-Xylene	Ave	0.8316	0.8390		40.4	40.0	0.9	50.0
o-Xylene	Ave	0.8039	0.8030		20.0	20.0	-0.1	50.0
Styrene	Ave	1.299	1.278		19.7	20.0	-1.6	50.0
Butyl acrylate	LinF	0.8910	0.7152		12.8	20.0	-35.8	50.0
Bromoform	LinF	0.1996	0.2057	0.1000	16.8	20.0	-15.8	50.0
Isopropylbenzene	Ave	1.959	2.018		20.6	20.0	3.0	50.0
Camphene, Total	LinF	0.2894	0.2703		16.1	20.0	-19.4	50.0
Monobromobenzene	Ave	1.000	0.9826		19.7	20.0	-1.7	50.0
1,1,2,2-Tetrachloroethane	LinF	0.6082	0.5719	0.3000	16.4	20.0	-18.1	50.0
1,2,3-Trichloropropane	Ave	0.2100	0.1925		18.3	20.0	-8.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0641	0.0524		16.4	20.0	-18.1	50.0
N-Propylbenzene	Ave	4.663	4.523		19.4	20.0	-3.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-68929/2 Calibration Date: 03/30/2011 04:41

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46750.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chlorotoluene	Ave	2.761	2.520		18.3	20.0	-8.7	50.0
4-Chlorotoluene	Ave	2.920	2.622		18.0	20.0	-10.2	50.0
1,3,5-Trimethylbenzene	Ave	3.424	3.269		19.1	20.0	-4.5	50.0
Butyl Methacrylate	LinF	0.9027	0.6944		12.2	20.0	-38.9	50.0
tert-Butylbenzene	Ave	3.093	3.076		19.9	20.0	-0.6	50.0
1,2,4-Trimethylbenzene	Ave	3.491	3.282		18.8	20.0	-6.0	50.0
sec-Butylbenzene	Ave	4.521	4.547		20.1	20.0	0.6	50.0
1,3-Dichlorobenzene	Ave	2.039	1.974		19.4	20.0	-3.2	50.0
1,4-Dichlorobenzene	Ave	1.985	1.928		19.4	20.0	-2.9	50.0
p-Isopropyltoluene	Ave	3.899	3.888		19.9	20.0	-0.3	50.0
Benzyl chloride	LinF	1.223	1.071		13.6	20.0	-32.0	50.0
1,2-Dichlorobenzene	Ave	1.826	1.772		19.4	20.0	-2.9	50.0
n-Butylbenzene	Ave	3.468	3.498		20.2	20.0	0.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1200	0.0962		16.0	20.0	-19.9	50.0
Camphor	Ave	0.0653	0.0513		78.5	100	-21.5	50.0
1,2,4-Trichlorobenzene	Ave	1.490	1.523		20.4	20.0	2.2	50.0
Hexachlorobutadiene	Ave	0.8184	0.9353		22.9	20.0	14.3	50.0
Naphthalene	Ave	2.649	2.484		18.8	20.0	-6.2	50.0
1,2,3-Trichlorobenzene	Ave	1.338	1.321		19.7	20.0	-1.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1838	0.1695		46.1	50.0	-7.8	50.0
Toluene-d8 (Surr)	Ave	1.152	1.062		46.1	50.0	-7.7	50.0
Bromofluorobenzene	Ave	0.7444	0.7513		50.5	50.0	0.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-69045/2 Calibration Date: 03/31/2011 08:19

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98777.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5330	0.4610		17.3	20.0	-13.5	50.0
Chloromethane	Ave	0.2562	0.2331	0.1000	18.2	20.0	-9.0	50.0
Vinyl chloride	Ave	0.3137	0.2820		18.0	20.0	-10.1	20.0
Bromomethane	Ave	0.2222	0.2194		19.7	20.0	-1.3	50.0
Chloroethane	Ave	0.1467	0.1346		18.4	20.0	-8.2	50.0
Trichlorofluoromethane	Ave	0.6350	0.5805		18.3	20.0	-8.6	50.0
n-Pentane	Ave	0.0407	0.0276		13.6	20.0	-32.1	50.0
Ethanol	Ave	0.0010	0.0010		2940	3000	-1.8	50.0
Ethyl ether	Ave	0.2260	0.2110		18.7	20.0	-6.7	50.0
Isopropene	Ave	0.2848	0.2142		15.0	20.0	-24.8	50.0
Acrolein	Ave	0.0264	0.0143		21.7	40.0	-45.7	99.0
1,1-Dichloroethene	Ave	0.3120	0.2997		19.2	20.0	-3.9	20.0
Freon TF	Ave	0.5567	0.4524		16.3	20.0	-18.7	50.0
Acetone	LinF	0.0251	0.0195		17.9	20.0	-10.3	50.0
Isopropanol	Ave	0.0147	0.0135		2740	3000	-8.5	50.0
Iodomethane	Ave	0.8650	0.8110		18.8	20.0	-6.2	50.0
Carbon disulfide	Ave	0.9565	0.5195		10.9	20.0	-45.7	50.0
Acetonitrile	QuaF	0.0031	0.0030		415	400	3.8	50.0
Methyl acetate	LinF	0.0748	0.0655		18.1	20.0	-9.3	50.0
Methylene Chloride	Ave	0.3855	0.4209		21.8	20.0	9.2	50.0
TBA	Ave	0.0297	0.0265		356	400	-10.9	50.0
MTBE	Ave	0.9802	0.9216		18.8	20.0	-6.0	50.0
Acrylonitrile	Ave	0.0720	0.0793		22.0	20.0	10.2	50.0
trans-1,2-Dichloroethene	Ave	0.3628	0.3864		21.3	20.0	6.5	50.0
Hexane	Ave	0.1612	0.0991		12.3	20.0	-38.5	50.0
1,1-Dichloroethane	Ave	0.7095	0.8402	0.1000	23.7	20.0	18.4	50.0
DIPE	Ave	1.643	1.503		18.3	20.0	-8.5	50.0
Vinyl acetate	Ave	1.162	1.081		18.6	20.0	-7.0	50.0
Tert-butyl ethyl ether	Ave	1.398	1.303	0.0100	18.6	20.0	-6.8	50.0
2-Butanone	Ave	0.0320	0.0302		18.9	20.0	-5.6	50.0
cis-1,2-Dichloroethene	Ave	0.4122	0.4667		22.6	20.0	13.2	50.0
2,2-Dichloropropane	Ave	0.5654	0.6829		24.2	20.0	20.8	50.0
Ethyl acetate	LinF	0.0415	0.0346		37.5	40.0	-6.4	50.0
Bromochloromethane	Ave	0.2726	0.3165		23.2	20.0	16.1	50.0
Tetrahydrofuran	Ave	0.0935	0.0877		18.8	20.0	-6.2	50.0
Chloroform	Ave	0.7708	0.9129		23.7	20.0	18.4	20.0
1,1,1-Trichloroethane	Ave	0.6408	0.7145		22.3	20.0	11.5	50.0
Cyclohexane	Ave	0.4800	0.3265		13.6	20.0	-32.0	50.0
1,1-Dichloropropene	Ave	0.5479	0.5994		21.9	20.0	9.4	50.0
Carbon tetrachloride	LinF	0.5632	0.6021		18.2	20.0	-9.2	50.0
Benzene	Ave	1.443	1.598		22.1	20.0	10.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-69045/2 Calibration Date: 03/31/2011 08:19

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98777.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	1.047	0.9490		36.3	40.0	-9.4	50.0
1,2-Dichloroethane	Ave	0.4507	0.5739		25.5	20.0	27.3	50.0
Tert-amyl methyl ether	Ave	1.183	1.122		19.0	20.0	-5.2	50.0
n-Butanol	Ave	0.0049	0.0042		1280	1500	-14.5	50.0
Trichloroethene	Ave	0.4329	0.4880		22.5	20.0	12.7	50.0
Ethyl acrylate	Ave	0.5089	0.4425		17.4	20.0	-13.1	50.0
Methylcyclohexane	Ave	0.3572	0.2459		13.8	20.0	-31.2	50.0
1,2-Dichloropropane	Ave	0.4540	0.5340		23.5	20.0	17.6	20.0
Methyl methacrylate	LinF	0.1154	0.0958		18.5	20.0	-7.4	50.0
Propyl acetate	Ave	0.6207	0.5542		35.7	40.0	-10.7	50.0
1,4-Dioxane	Ave	0.0034	0.0032		142	150	-5.6	50.0
Dibromomethane	Ave	0.3823	0.4557		23.8	20.0	19.2	50.0
Bromodichloromethane	Ave	0.7776	0.8562		22.0	20.0	10.1	50.0
2-Chloroethyl vinyl ether	Ave	0.2739	0.2158		15.8	20.0	-21.2	50.0
Epichlorohydrin	Ave	0.0524	0.0463		353	400	-11.7	50.0
cis-1,3-Dichloropropene	Ave	0.9499	0.8600		18.1	20.0	-9.5	50.0
4-Methyl-2-pentanone	Ave	0.5448	0.4608		16.9	20.0	-15.4	50.0
Toluene	Ave	1.550	1.670		21.5	20.0	7.7	20.0
trans-1,3-Dichloropropene	Ave	0.8249	0.7430		18.0	20.0	-9.9	50.0
1,1,2-Trichloroethane	Ave	0.4433	0.4980		22.5	20.0	12.3	50.0
Tetrachloroethene	Ave	0.5895	0.5909		20.0	20.0	0.2	50.0
1,3-Dichloropropane	Ave	0.8709	1.007		23.1	20.0	15.6	50.0
2-Hexanone	Ave	0.3180	0.2648		16.7	20.0	-16.7	50.0
Butyl acetate	Ave	0.1658	0.1494		36.0	40.0	-9.9	50.0
Dibromochloromethane	Ave	0.8881	0.8982		20.2	20.0	1.1	50.0
1,2-Dibromoethane	Ave	0.7561	0.8306		22.0	20.0	9.9	50.0
Chlorobenzene	Ave	1.136	1.280	0.3000	22.5	20.0	12.7	50.0
1,1,1,2-Tetrachloroethane	Ave	0.6401	0.7264		22.7	20.0	13.5	50.0
Ethylbenzene	Ave	0.4749	0.5274		22.2	20.0	11.1	20.0
m&p-Xylene	Ave	0.6545	0.7287		44.5	40.0	11.3	50.0
Butyl acrylate	Ave	0.5108	0.4560		17.9	20.0	-10.7	50.0
o-Xylene	Ave	0.6511	0.6938		21.3	20.0	6.6	50.0
Styrene	Ave	1.124	1.223		21.8	20.0	8.8	50.0
Bromoform	Ave	0.6062	0.5624	0.1000	18.6	20.0	-7.2	50.0
Isopropylbenzene	Ave	1.463	1.455		19.9	20.0	-0.6	50.0
Camphene, Total	Ave	0.1613	0.1005		12.5	20.0	-37.7	50.0
1,1,2,2-Tetrachloroethane	Ave	1.334	1.605	0.3000	24.1	20.0	20.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3670	0.2413		13.2	20.0	-34.2	50.0
Monobromobenzene	Ave	1.030	1.224		23.8	20.0	18.8	50.0
1,2,3-Trichloropropane	LinF	0.3727	0.4061		27.4	20.0	37.1	50.0
N-Propylbenzene	Ave	2.916	3.211		22.0	20.0	10.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-69045/2 Calibration Date: 03/31/2011 08:19

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98777.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chlorotoluene	QuaF	1.815	2.184		28.1	20.0	40.7	50.0
1,3,5-Trimethylbenzene	Ave	1.997	2.243		22.5	20.0	12.3	50.0
Butyl Methacrylate	Ave	1.517	1.449		19.1	20.0	-4.5	50.0
4-Chlorotoluene	Ave	2.493	2.913		23.4	20.0	16.9	50.0
tert-Butylbenzene	Ave	2.208	2.305		20.9	20.0	4.4	50.0
1,2,4-Trimethylbenzene	Ave	2.205	2.380		21.6	20.0	7.9	50.0
2-Octanone	Ave	1.779	1.528		17.2	20.0	-14.1	50.0
sec-Butylbenzene	Ave	2.766	2.862		20.7	20.0	3.5	50.0
p-Isopropyltoluene	Ave	2.313	2.323		20.1	20.0	0.4	50.0
1,3-Dichlorobenzene	Ave	1.412	1.580		22.4	20.0	11.9	50.0
1,4-Dichlorobenzene	Ave	1.811	2.040		22.5	20.0	12.6	50.0
Benzyl chloride	Ave	1.835	1.680		18.3	20.0	-8.5	50.0
n-Butylbenzene	Ave	2.076	2.104		20.3	20.0	1.4	50.0
1,2-Dichlorobenzene	Ave	1.572	1.766		22.5	20.0	12.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.3130	0.3413		21.8	20.0	9.1	50.0
Camphor	LinF	0.1457	0.1159		80.8	100	-19.2	50.0
1,2,4-Trichlorobenzene	Ave	0.9478	1.068		22.5	20.0	12.7	50.0
Hexachlorobutadiene	Ave	0.7552	0.7179		19.0	20.0	-4.9	50.0
Naphthalene	LinF	1.580	1.975		21.2	20.0	6.2	50.0
1,2,3-Trichlorobenzene	Ave	0.7104	0.8088		22.8	20.0	13.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3170	0.3985		62.9	50.0	25.7	50.0
Toluene-d8 (Surr)	Ave	1.169	1.256		53.7	50.0	7.5	50.0
Bromofluorobenzene	Ave	0.9488	1.097		57.8	50.0	15.6	50.0

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/o45212.d
Report Date: 14-Feb-2011 23:26

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/o45212.d
Lab Smp Id: BFB
Inj Date : 14-FEB-2011 17:09
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

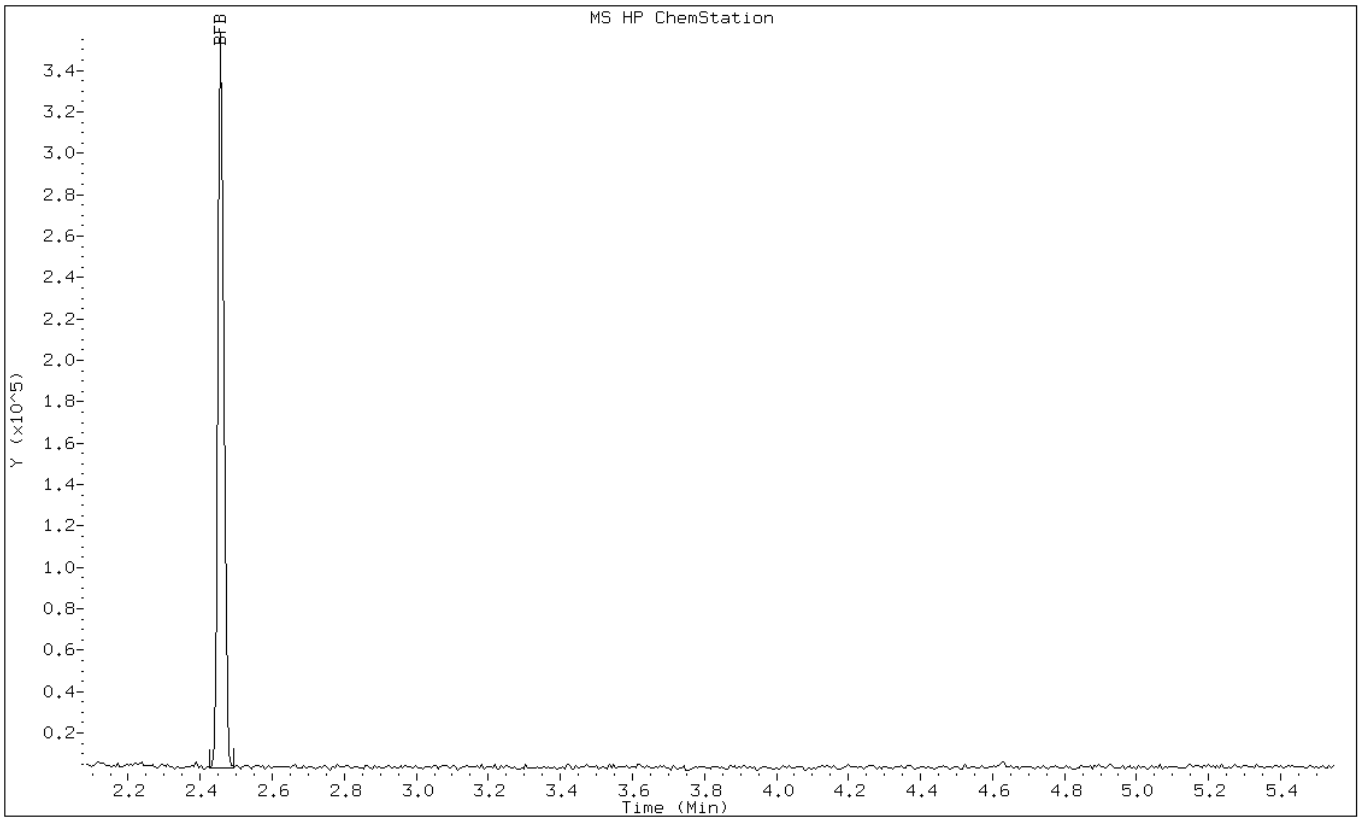
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.456	2.700 (0.000)	95	57096			0.00- 100.00	100.00
2.456	2.700 (0.000)	50	9278			15.00- 40.00	16.25
2.456	2.700 (0.000)	75	26384			30.00- 60.00	46.21
2.456	2.700 (0.000)	96	3807			5.00- 9.00	6.67
2.456	2.700 (0.000)	173	395			0.00- 2.00	0.72
2.456	2.700 (0.000)	174	55032			50.00- 100.00	96.39
2.456	2.700 (0.000)	175	4138			5.00- 9.00	7.52
2.456	2.700 (0.000)	176	52880			95.00- 101.00	96.09
2.456	2.700 (0.000)	177	3449			5.00- 9.00	6.52

Data File: o45212.d

Date: 14-FEB-2011 17:09

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



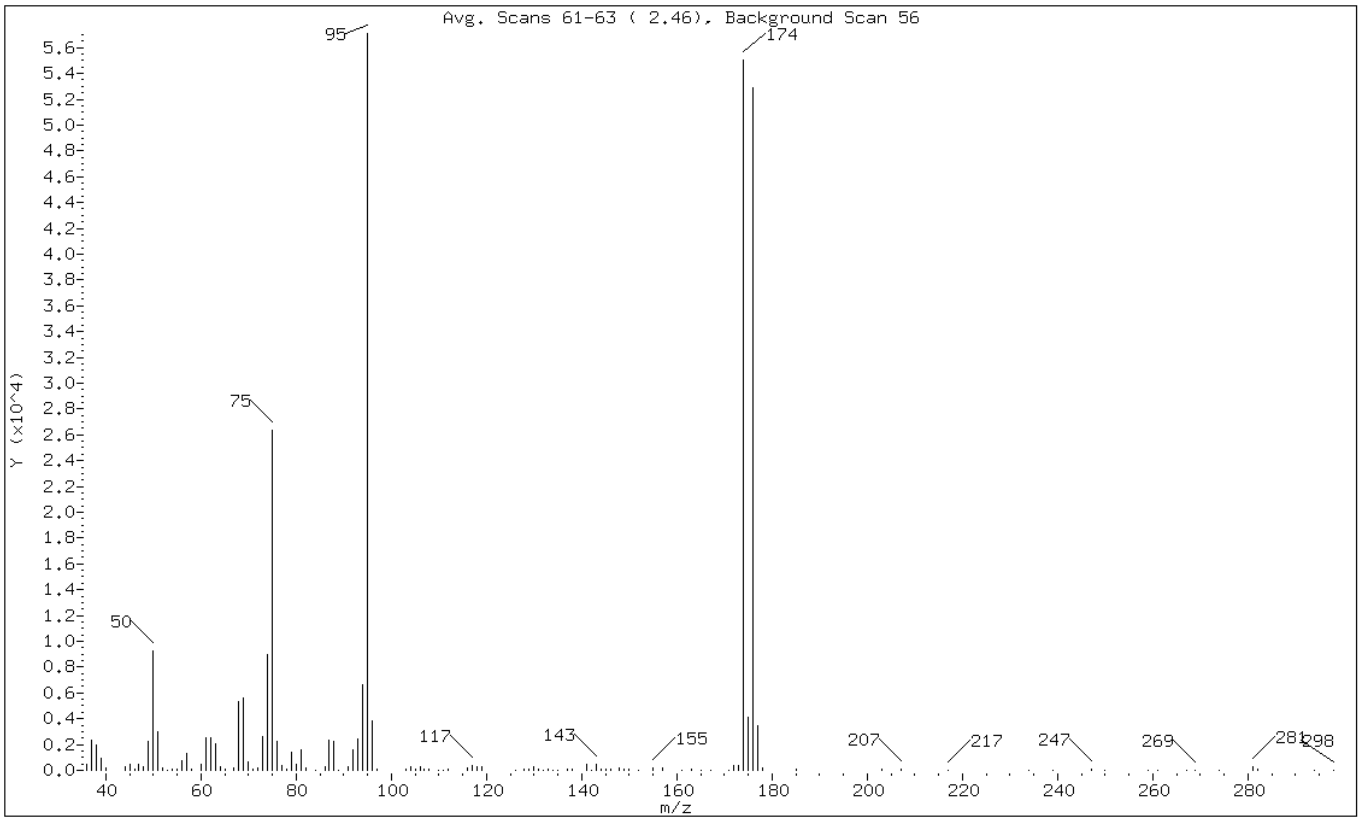
Data File: o45212.d

Date: 14-FEB-2011 17:09

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.25
75	30.00 - 60.00% of mass 95	46.21
96	5.00 - 9.00% of mass 95	6.67
173	Less than 2.00% of mass 174	0.69 (0.72)
174	50.00 - 100.00% of mass 95	96.39
175	5.00 - 9.00% of mass 174	7.25 (7.52)
176	95.00 - 101.00% of mass 174	92.62 (96.09)
177	5.00 - 9.00% of mass 176	6.04 (6.52)

Data File: o45212.d

Date: 14-FEB-2011 17:09

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/o45212.d
Spectrum: Avg. Scans 61-63 (2.46), Background Scan 56
Location of Maximum: 95.00
Number of points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	489	71.00	49	110.00	38	161.00	41
37.00	2324	72.00	159	111.00	40	163.00	79
38.00	1976	73.00	2571	112.00	59	165.00	33
39.00	893	74.00	8960	116.00	200	167.00	35
40.00	215	75.00	26384	117.00	366	171.00	41
44.00	234	76.00	2267	118.00	272	172.00	356
45.00	473	77.00	394	119.00	277	173.00	395
46.00	90	78.00	123	126.00	38	174.00	55032
47.00	446	79.00	1412	128.00	96	175.00	4138
48.00	325	80.00	428	129.00	87	176.00	52880
49.00	2258	81.00	1543	130.00	239	177.00	3449
50.00	9278	82.00	171	131.00	107	178.00	160
51.00	2957	84.00	41	132.00	37	185.00	55
52.00	156	86.00	251	133.00	104	203.00	49
53.00	39	87.00	2311	134.00	33	207.00	97
54.00	90	88.00	2285	135.00	36	217.00	37
55.00	106	89.00	34	137.00	107	234.00	40
56.00	763	91.00	273	138.00	70	239.00	46
57.00	1274	92.00	1568	141.00	432	247.00	72
58.00	95	93.00	2427	142.00	41	250.00	40
60.00	454	94.00	6605	143.00	455	259.00	34
61.00	2548	95.00	57096	144.00	60	261.00	34
62.00	2563	96.00	3807	145.00	60	267.00	33
63.00	2054	97.00	100	146.00	80	269.00	37
64.00	240	103.00	90	148.00	159	274.00	36
65.00	115	104.00	244	149.00	64	281.00	239
67.00	213	105.00	71	150.00	113	282.00	133
68.00	5326	106.00	253	152.00	45	294.00	44
69.00	5579	107.00	76	155.00	220	298.00	44
70.00	617	108.00	89	157.00	181		

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46695.d
Report Date: 28-Mar-2011 16:48

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46695.d
Lab Smp Id: BFB
Inj Date : 28-MAR-2011 16:44
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

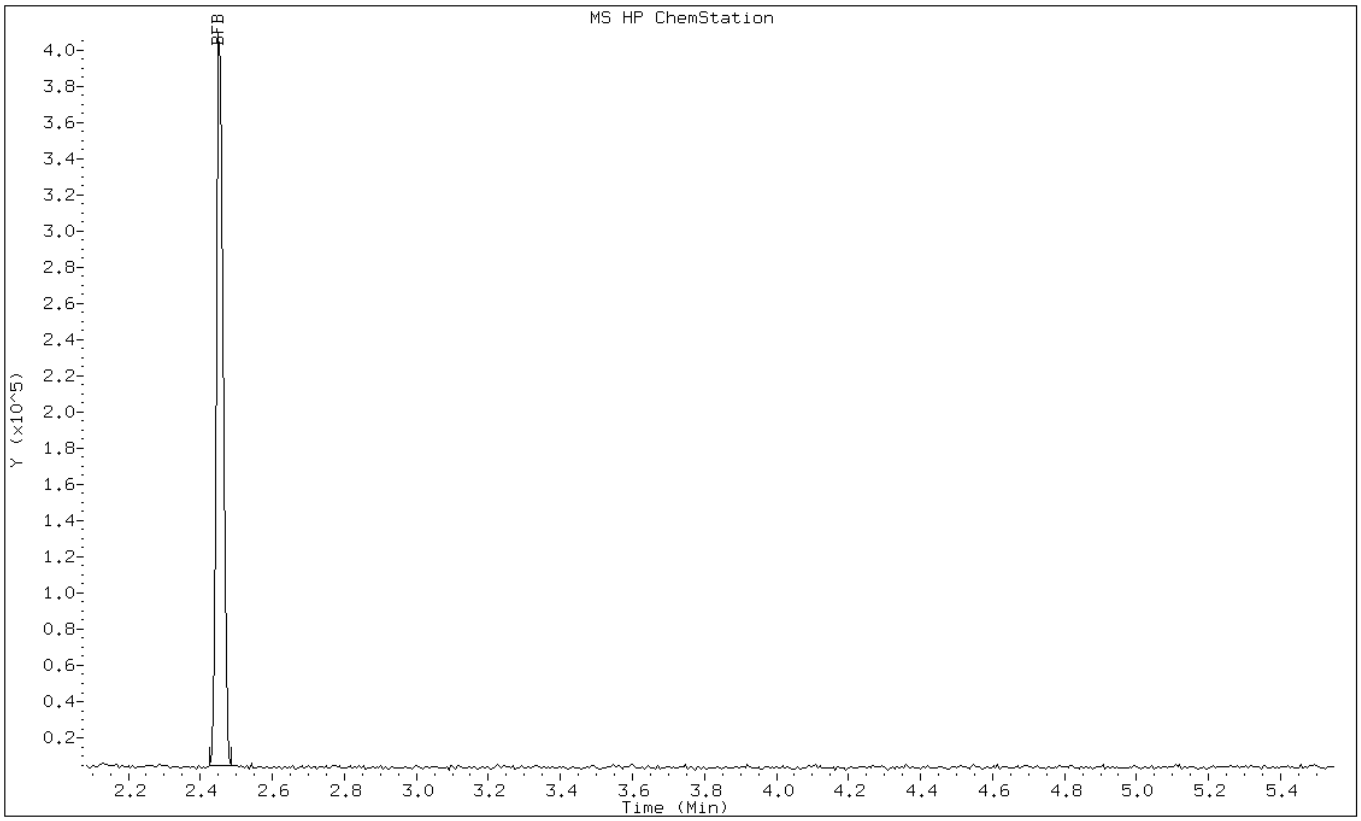
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.450	2.700 (0.000)	95	68144			0.00- 100.00	100.00
2.450	2.700 (0.000)	50	11259			15.00- 40.00	16.52
2.450	2.700 (0.000)	75	31896			30.00- 60.00	46.81
2.450	2.700 (0.000)	96	4626			5.00- 9.00	6.79
2.450	2.700 (0.000)	173	772			0.00- 2.00	1.17
2.450	2.700 (0.000)	174	65752			50.00- 100.00	96.49
2.450	2.700 (0.000)	175	4753			5.00- 9.00	7.23
2.450	2.700 (0.000)	176	63776			95.00- 101.00	96.99
2.450	2.700 (0.000)	177	3967			5.00- 9.00	6.22

Data File: o46695.d

Date: 28-MAR-2011 16:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



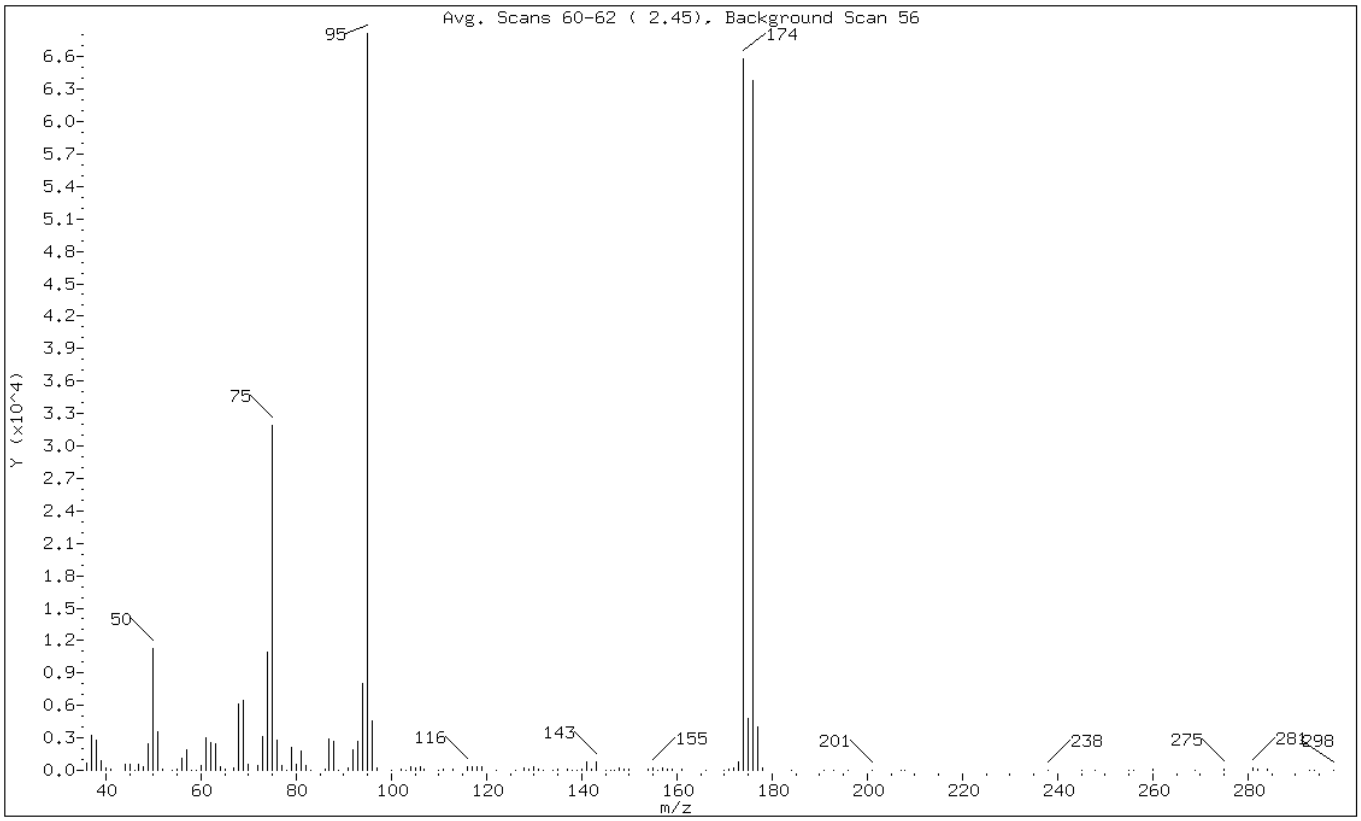
Data File: o46695.d

Date: 28-MAR-2011 16:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.52
75	30.00 - 60.00% of mass 95	46.81
96	5.00 - 9.00% of mass 95	6.79
173	Less than 2.00% of mass 174	1.13 (1.17)
174	50.00 - 100.00% of mass 95	96.49
175	5.00 - 9.00% of mass 174	6.97 (7.23)
176	95.00 - 101.00% of mass 174	93.59 (96.99)
177	5.00 - 9.00% of mass 176	5.82 (6.22)

Data File: o46695.d

Date: 28-MAR-2011 16:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46695.d
Spectrum: Avg. Scans 60-62 (2.45), Background Scan 56
Location of Maximum: 95.00
Number of points: 128

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	622	74.00	10971	118.00	300	171.00	91
37.00	3289	75.00	31896	119.00	330	172.00	203
38.00	2742	76.00	2792	122.00	43	173.00	772
39.00	897	77.00	438	126.00	36	174.00	65752
40.00	199	78.00	48	128.00	278	175.00	4753
41.00	93	79.00	2156	129.00	130	176.00	63776
44.00	552	80.00	544	130.00	289	177.00	3967
45.00	540	81.00	1747	131.00	140	178.00	242
46.00	40	82.00	392	132.00	52	184.00	47
47.00	565	83.00	37	134.00	36	191.00	37
48.00	338	86.00	89	135.00	141	193.00	39
49.00	2467	87.00	2945	137.00	149	196.00	43
50.00	11259	88.00	2687	138.00	39	201.00	49
51.00	3550	89.00	45	139.00	36	207.00	26
52.00	143	91.00	214	140.00	112	208.00	34
54.00	53	92.00	1842	141.00	743	238.00	41
55.00	141	93.00	2724	142.00	77	245.00	35
56.00	1117	94.00	8031	143.00	744	248.00	36
57.00	1911	95.00	68144	145.00	51	255.00	36
58.00	50	96.00	4626	146.00	38	256.00	40
59.00	36	97.00	258	147.00	39	260.00	73
60.00	413	100.00	43	148.00	234	269.00	41
61.00	3023	102.00	101	149.00	107	275.00	92
62.00	2608	103.00	40	150.00	130	281.00	179
63.00	2442	104.00	330	154.00	63	282.00	155
64.00	283	105.00	204	155.00	261	284.00	73
65.00	161	106.00	340	156.00	43	293.00	46
67.00	267	107.00	158	157.00	170	294.00	33
68.00	6189	110.00	49	158.00	75	298.00	50
69.00	6478	111.00	108	159.00	101		
70.00	548	113.00	102	161.00	56		
72.00	472	116.00	349	166.00	39		
73.00	3166	117.00	339	170.00	40		

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46749.d
Report Date: 30-Mar-2011 04:12

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46749.d
Lab Smp Id: BFB
Inj Date : 30-MAR-2011 04:07
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

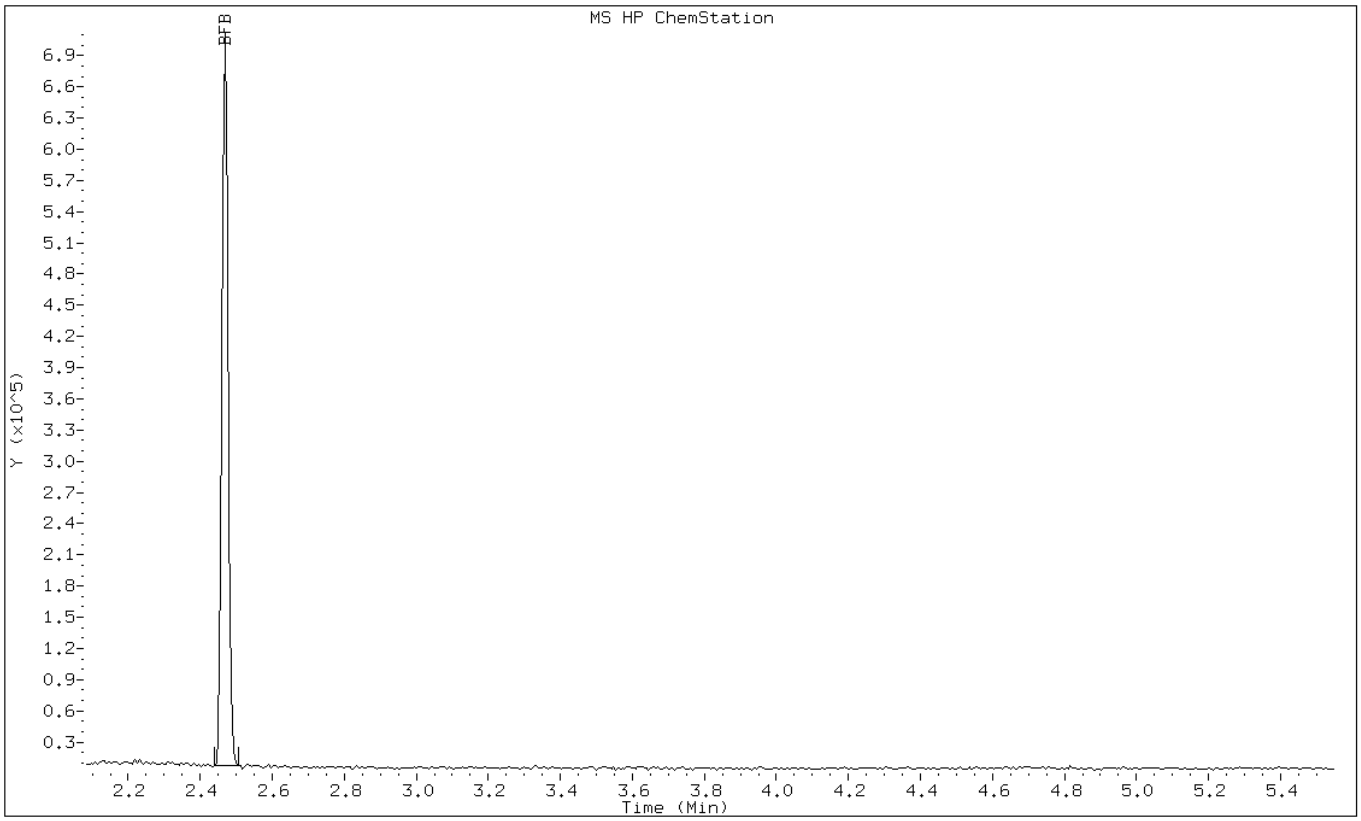
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT (REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.469	2.700 (0.000)	95	113952			0.00- 100.00	100.00
2.469	2.700 (0.000)	50	17616			15.00- 40.00	15.46
2.469	2.700 (0.000)	75	52712			30.00- 60.00	46.26
2.469	2.700 (0.000)	96	7374			5.00- 9.00	6.47
2.469	2.700 (0.000)	173	1072			0.00- 2.00	1.11
2.469	2.700 (0.000)	174	96592			50.00- 100.00	84.77
2.469	2.700 (0.000)	175	7007			5.00- 9.00	7.25
2.469	2.700 (0.000)	176	95376			95.00- 101.00	98.74
2.469	2.700 (0.000)	177	6488			5.00- 9.00	6.80

Data File: o46749.d

Date: 30-MAR-2011 04:07

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



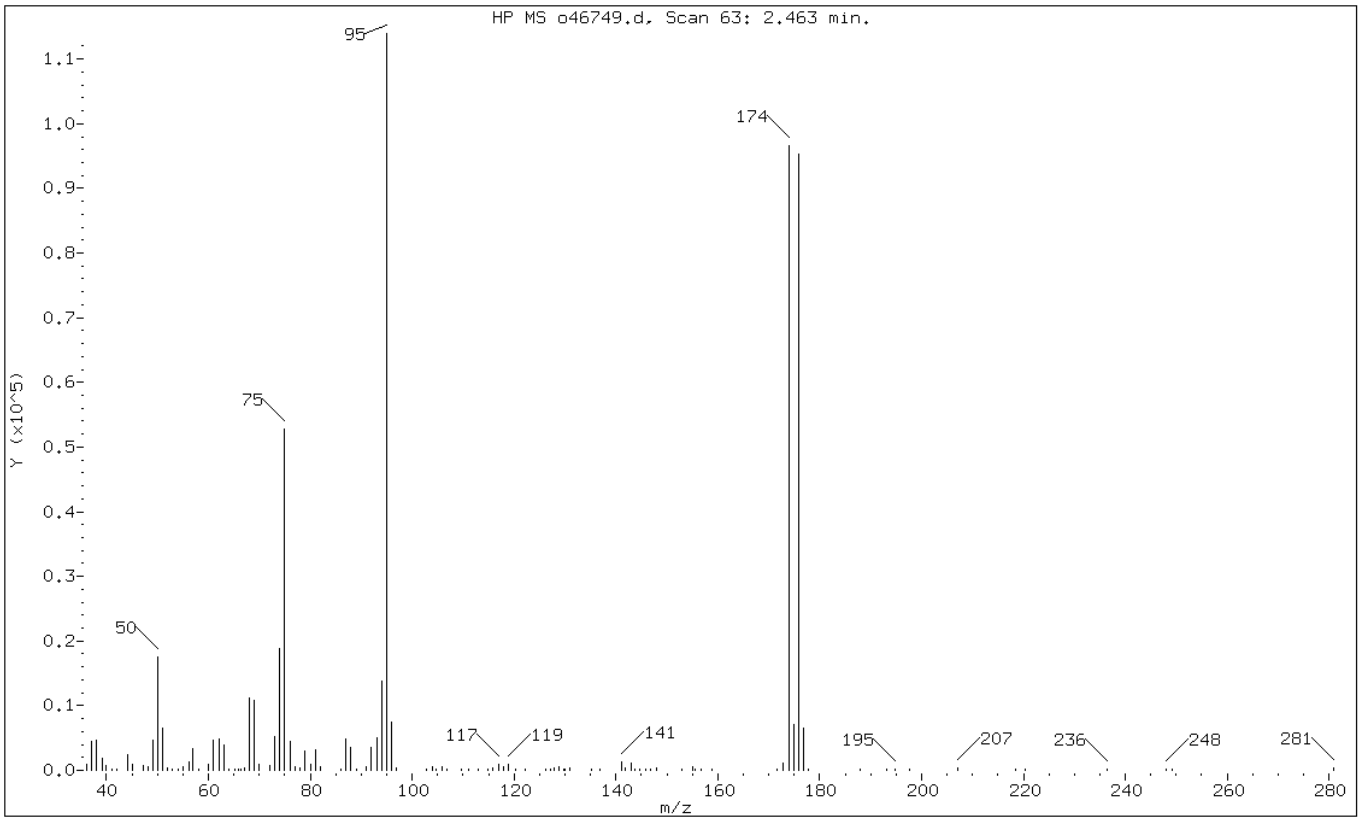
Data File: o46749.d

Date: 30-MAR-2011 04:07

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.46
75	30.00 - 60.00% of mass 95	46.26
96	5.00 - 9.00% of mass 95	6.47
173	Less than 2.00% of mass 174	0.94 (1.11)
174	50.00 - 100.00% of mass 95	84.77
175	5.00 - 9.00% of mass 174	6.15 (7.25)
176	95.00 - 101.00% of mass 174	83.70 (98.74)
177	5.00 - 9.00% of mass 176	5.69 (6.80)

Data File: o46749.d

Date: 30-MAR-2011 04:07

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46749.d
Spectrum: HP MS o46749.d, Scan 63: 2.463 min.
Location of Maximum: 95.00
Number of points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	943	66.30	207	104.00	601	145.90	194
37.10	4539	67.10	394	104.80	214	146.80	103
38.10	4594	68.00	11262	105.90	543	148.00	313
39.10	1897	69.00	10807	106.80	168	152.90	119
40.00	719	70.00	947	109.60	196	155.00	487
41.10	143	72.00	668	111.00	118	155.60	166
42.10	112	73.00	5178	112.90	133	156.80	258
44.10	2357	74.00	18832	114.80	114	158.90	104
45.20	979	75.00	52712	115.80	417	171.70	206
47.10	654	76.00	4526	116.90	844	172.90	1072
48.10	625	77.00	510	118.00	488	173.90	96592
49.10	4648	77.90	456	118.90	888	174.90	7007
50.10	17616	78.90	3043	120.20	133	175.90	95376
51.10	6615	80.00	884	122.20	167	176.90	6488
52.00	337	81.00	3162	126.30	103	177.80	242
52.90	138	81.90	531	127.10	100	188.00	106
54.10	246	86.00	174	127.80	324	193.20	115
55.00	599	86.90	4784	128.80	487	194.80	150
56.10	1288	88.00	3471	129.70	192	197.70	108
57.00	3354	89.10	112	130.10	151	207.10	309
58.00	146	91.00	472	130.90	296	218.40	152
60.10	947	92.00	3623	135.10	243	220.40	152
61.00	4607	93.00	4962	136.80	221	236.40	187
62.00	4758	94.00	13840	141.00	1216	248.10	148
63.00	4007	95.00	113952	141.90	353	249.10	111
63.90	241	96.00	7374	142.90	1033	280.90	370
65.10	167	96.90	331	143.80	195		
65.80	152	102.80	142	144.70	114		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/02-08-11/08feb11.b/j97499.d
Lab Smp Id: BFB
Inj Date : 08-FEB-2011 06:28
Operator : VOAMS 1 Inst ID: VOAMS8.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/08feb11.b/8260BFB.m
Meth Date : 03-Nov-2009 21:56 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	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 BFB					CAS #: 460-00-4		
6.998	7.025 (0.000)	95	70264			0.00- 100.00	100.00
6.998	7.025 (0.000)	50	15119			15.00- 40.00	21.52
6.998	7.025 (0.000)	75	32680			30.00- 60.00	46.51
6.998	7.025 (0.000)	96	4279			5.00- 9.00	6.09
6.998	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.998	7.025 (0.000)	174	50816			50.00- 100.00	72.32
6.998	7.025 (0.000)	175	3910			5.00- 9.00	7.69
6.998	7.025 (0.000)	176	49984			95.00- 101.00	98.36
6.998	7.025 (0.000)	177	3607			5.00- 9.00	7.22

Data File: j97499.d

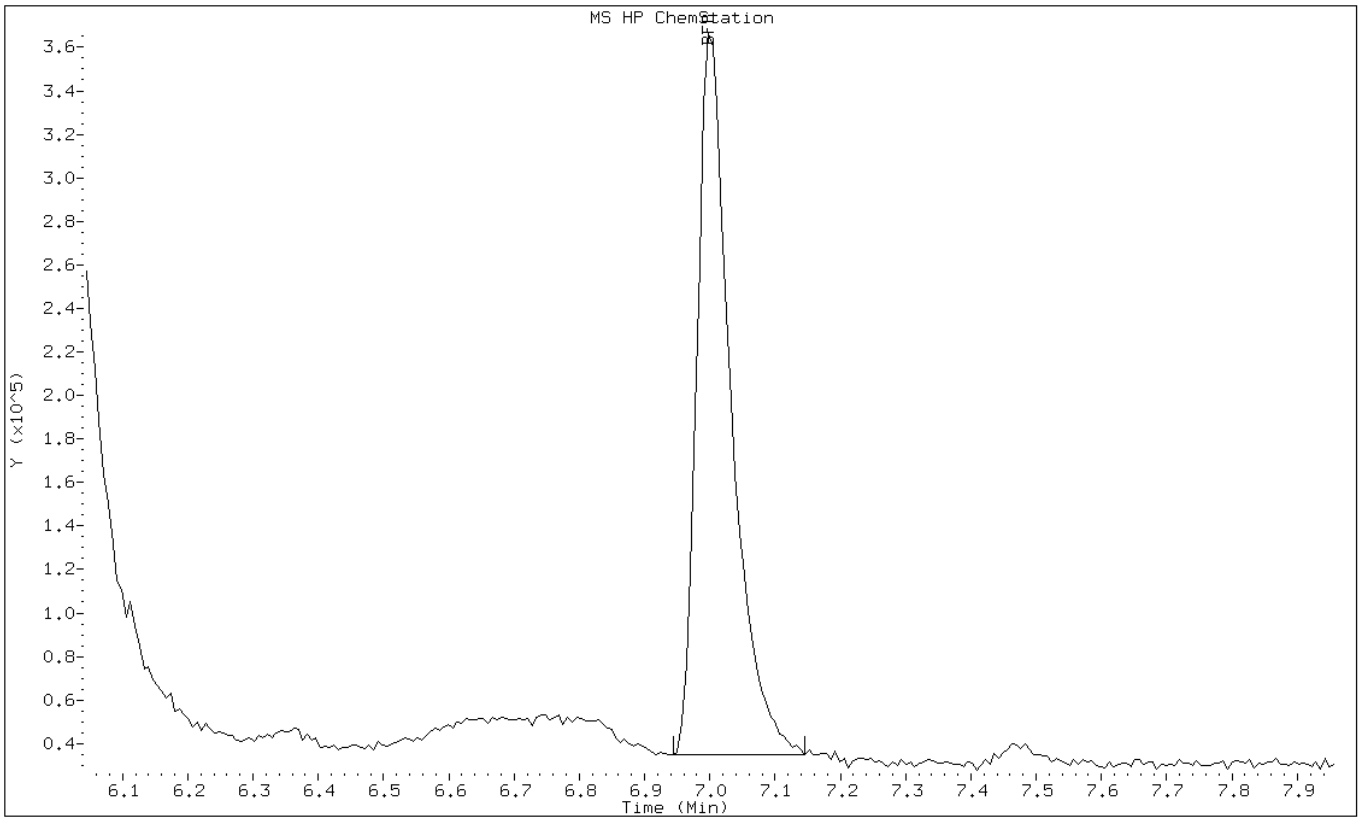
Date: 08-FEB-2011 06:28

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



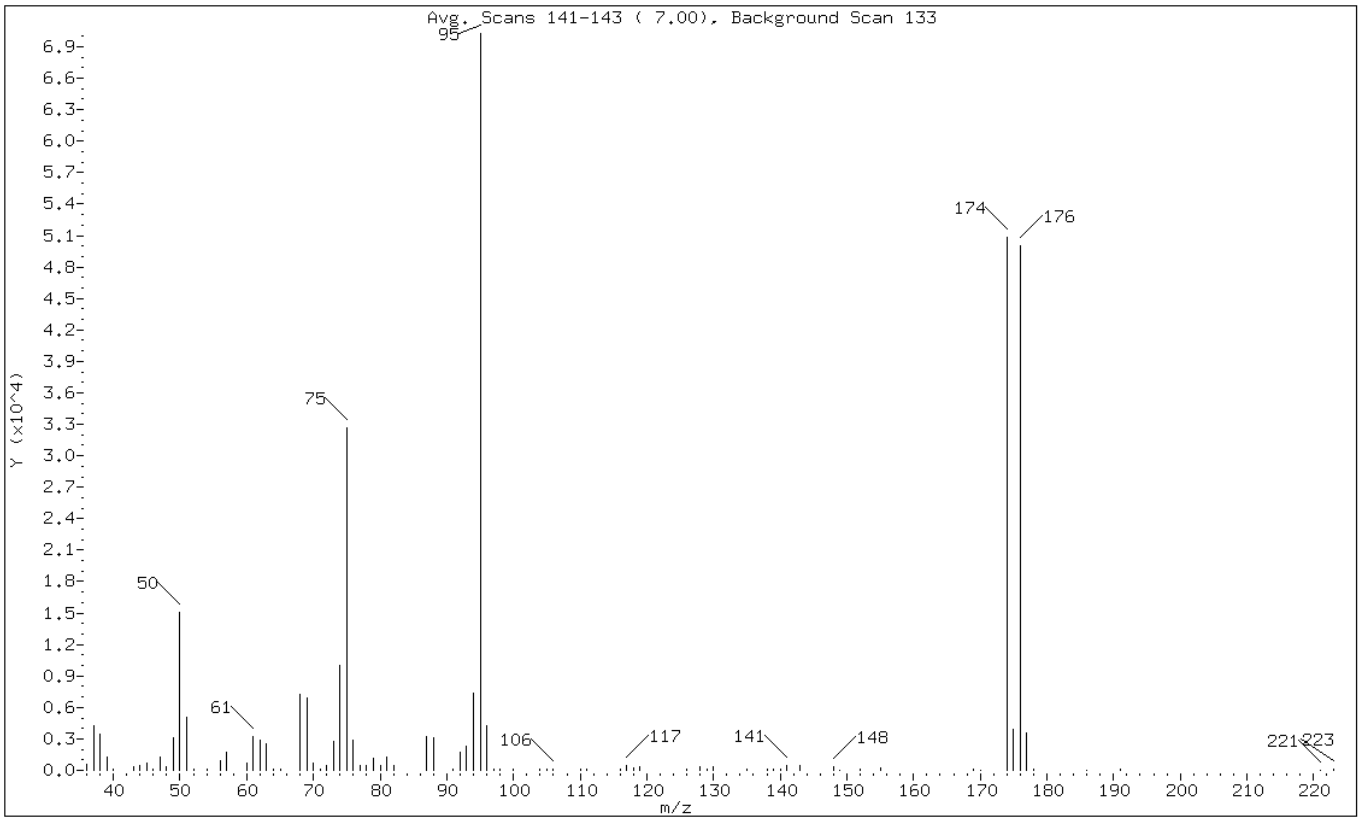
Data File: j97499.d

Date: 08-FEB-2011 06:28

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.52
75	30.00 - 60.00% of mass 95	46.51
96	5.00 - 9.00% of mass 95	6.09
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	72.32
175	5.00 - 9.00% of mass 174	5.56 (7.69)
176	95.00 - 101.00% of mass 174	71.14 (98.36)
177	5.00 - 9.00% of mass 176	5.13 (7.22)

Data File: j97499.d

Date: 08-FEB-2011 06:28

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/02-08-11/08feb11.b/j97499.d
Spectrum: Avg. Scans 141-143 (7.00), Background Scan 133
Location of Maximum: 95.00
Number of points: 84

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	531	64.00	76	94.00	7399	140.00	72
37.00	4261	65.00	128	95.00	70264	141.00	482
38.00	3461	68.00	7202	96.00	4279	143.00	452
39.00	1312	69.00	6906	97.00	80	148.00	374
40.00	73	70.00	700	98.00	68	149.00	45
43.00	395	71.00	158	100.00	71	152.00	77
44.00	491	72.00	496	104.00	137	155.00	197
45.00	657	73.00	2727	105.00	94	169.00	66
46.00	75	74.00	10057	106.00	165	170.00	34
47.00	1216	75.00	32680	110.00	72	174.00	50816
48.00	398	76.00	2867	111.00	69	175.00	3910
49.00	3051	77.00	465	116.00	90	176.00	49984
50.00	15119	78.00	443	117.00	438	177.00	3607
51.00	5008	79.00	1195	118.00	283	178.00	77
52.00	110	80.00	410	119.00	338	186.00	45
54.00	68	81.00	1250	126.00	72	191.00	99
56.00	876	82.00	405	128.00	346	221.00	39
57.00	1682	87.00	3268	129.00	93	223.00	104
60.00	673	88.00	3108	130.00	364		
61.00	3163	91.00	164	135.00	168		
62.00	2872	92.00	1715	138.00	72		
63.00	2491	93.00	2266	139.00	171		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98776.d
Lab Smp Id: BFB
Inj Date : 31-MAR-2011 07:56
Operator : VOAMS 1 Inst ID: VOAMS8.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260BFB.m
Meth Date : 03-Nov-2009 21:56 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	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 BFB					CAS #: 460-00-4		
6.997	7.025 (0.000)	95	34533			0.00- 100.00	100.00
6.997	7.025 (0.000)	50	7432			15.00- 40.00	21.52
6.997	7.025 (0.000)	75	15764			30.00- 60.00	45.65
6.997	7.025 (0.000)	96	2591			5.00- 9.00	7.50
6.997	7.025 (0.000)	173	74			0.00- 2.00	0.30
6.997	7.025 (0.000)	174	24962			50.00- 100.00	72.28
6.997	7.025 (0.000)	175	1963			5.00- 9.00	7.86
6.997	7.025 (0.000)	176	24093			95.00- 101.00	96.52
6.997	7.025 (0.000)	177	1526			5.00- 9.00	6.33

Data File: j98776.d

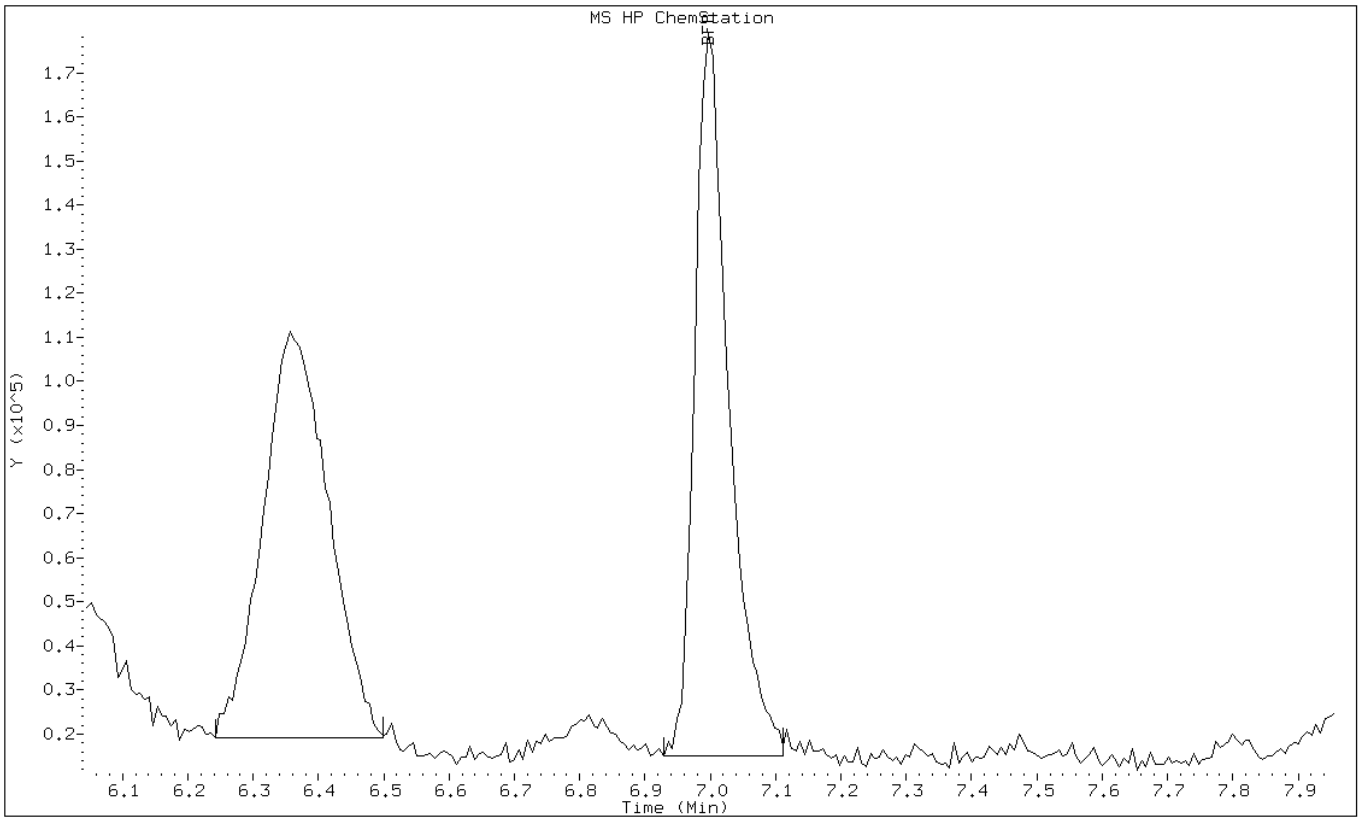
Date: 31-MAR-2011 07:56

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



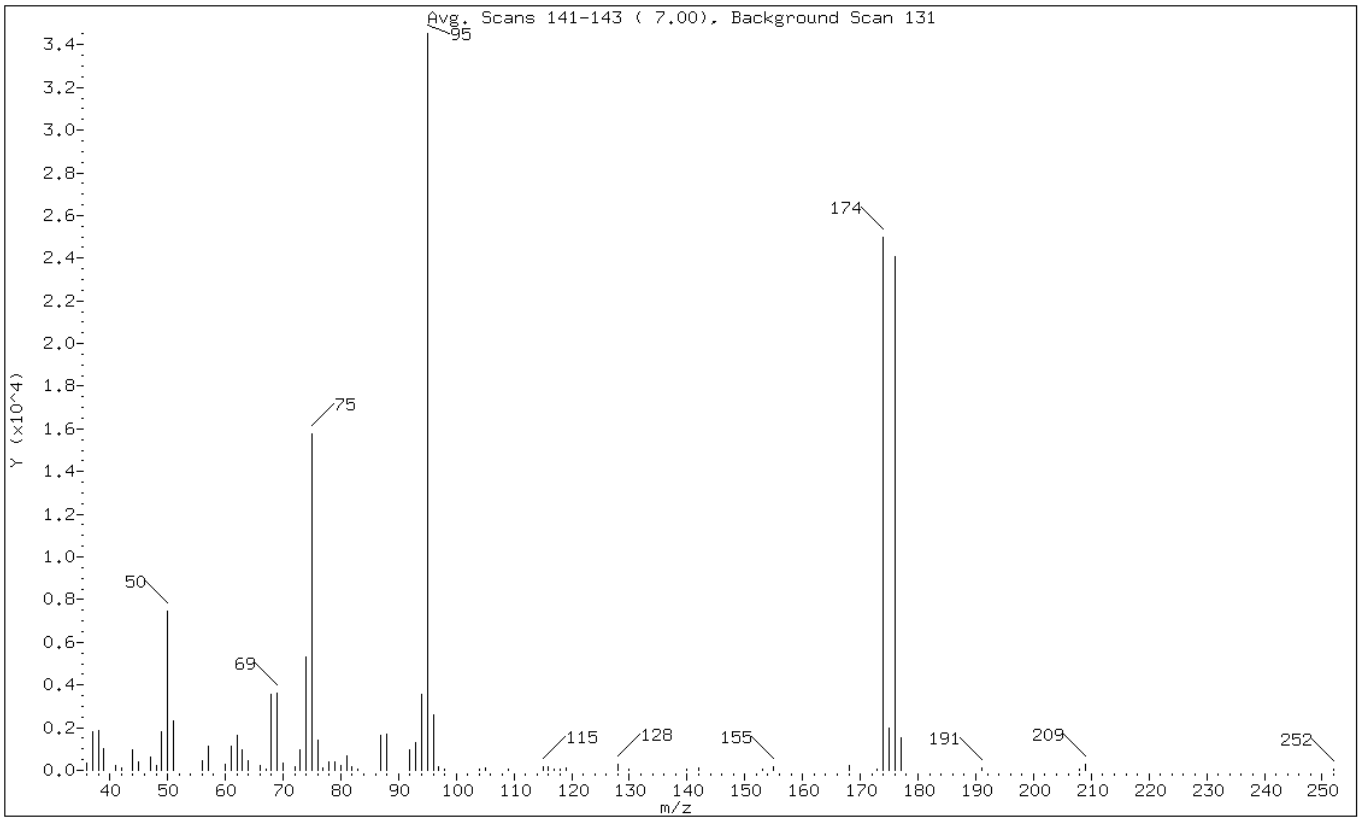
Data File: j98776.d

Date: 31-MAR-2011 07:56

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.52
75	30.00 - 60.00% of mass 95	45.65
96	5.00 - 9.00% of mass 95	7.50
173	Less than 2.00% of mass 174	0.21 (0.30)
174	50.00 - 100.00% of mass 95	72.28
175	5.00 - 9.00% of mass 174	5.68 (7.86)
176	95.00 - 101.00% of mass 174	69.77 (96.52)
177	5.00 - 9.00% of mass 176	4.42 (6.33)

Data File: j98776.d

Date: 31-MAR-2011 07:56

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98776.d
Spectrum: Avg. Scans 141-143 (7.00), Background Scan 131
Location of Maximum: 95.00
Number of points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	342	63.00	944	83.00	79	128.00	277
37.00	1821	64.00	448	87.00	1649	130.00	80
38.00	1838	66.00	237	88.00	1690	140.00	67
39.00	1033	67.00	67	92.00	960	142.00	121
41.00	203	68.00	3573	93.00	1283	153.00	83
42.00	92	69.00	3595	94.00	3556	155.00	169
44.00	949	70.00	320	95.00	34528	168.00	198
45.00	368	72.00	163	96.00	2591	173.00	74
47.00	642	73.00	955	97.00	153	174.00	24960
48.00	237	74.00	5306	98.00	76	175.00	1963
49.00	1799	75.00	15764	104.00	83	176.00	24088
50.00	7432	76.00	1390	105.00	91	177.00	1526
51.00	2300	77.00	87	109.00	84	191.00	140
56.00	432	78.00	384	115.00	181	208.00	79
57.00	1142	79.00	411	116.00	167	209.00	276
60.00	307	80.00	229	117.00	69	252.00	69
61.00	1107	81.00	693	118.00	78		
62.00	1624	82.00	187	119.00	131		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68728/5

Matrix: Solid Lab File ID: o46702.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 20:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	5.63	J	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.46
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68728/5

Matrix: Solid | Lab File ID: o46702.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/28/2011 20:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-138
2037-26-5	Toluene-d8 (Surr)	88		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68728/5

Matrix: Solid Lab File ID: o46702.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 20:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Report Date: 30-Mar-2011 11:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Lab Smp Id: MB
Inj Date : 28-MAR-2011 20:07
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.813	1.813	(0.449)	4356	5.63041	5.6(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	152544	45.9310	46
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	903242	50.0000	
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	649266	44.1891	44
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	637949	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.838)	247367	46.5922	46
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.476	(1.000)	356600	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Report Date: 30-Mar-2011 11:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Lab Smp Id: MB
Inj Date : 28-MAR-2011 20:07
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46702.d

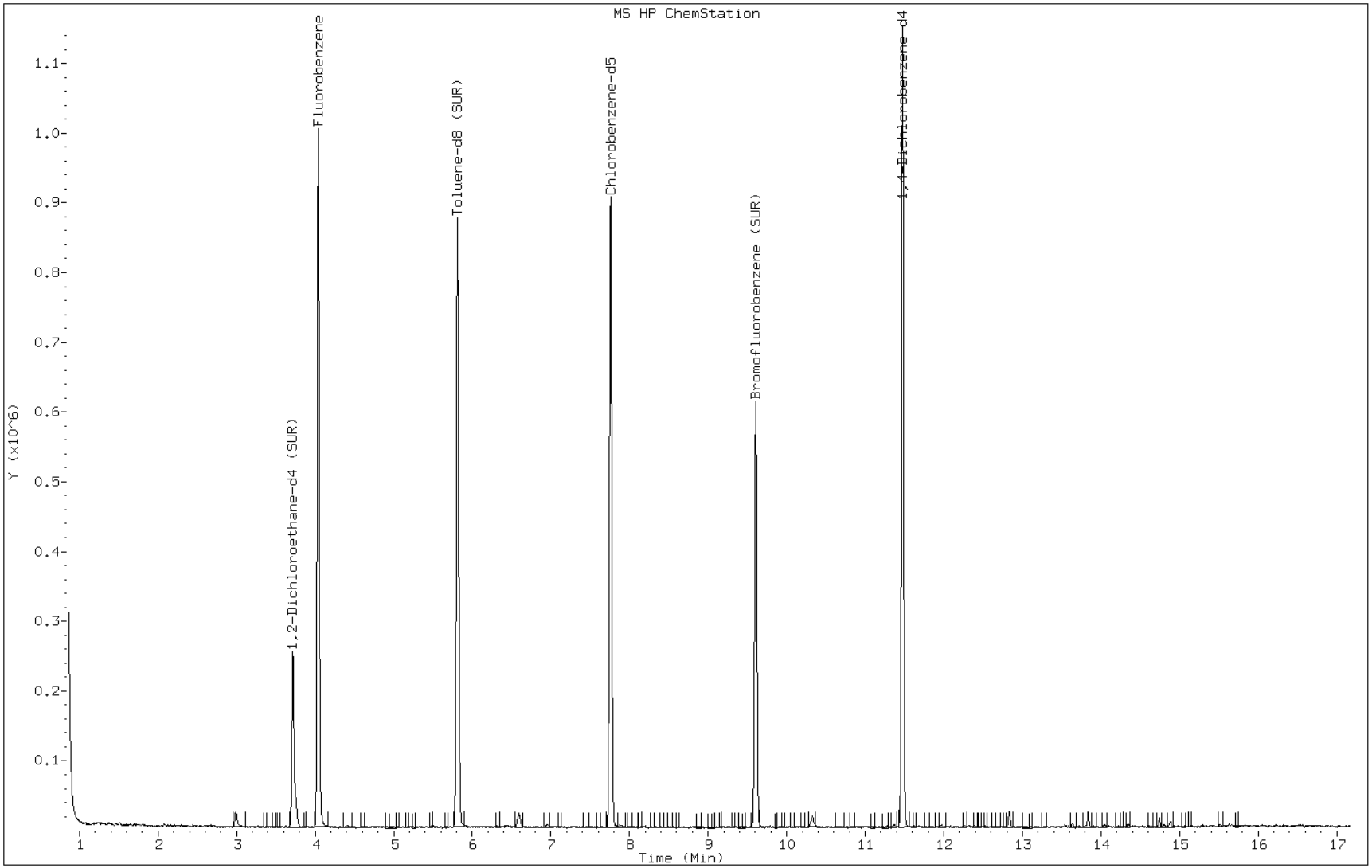
Date: 28-MAR-2011 20:07

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



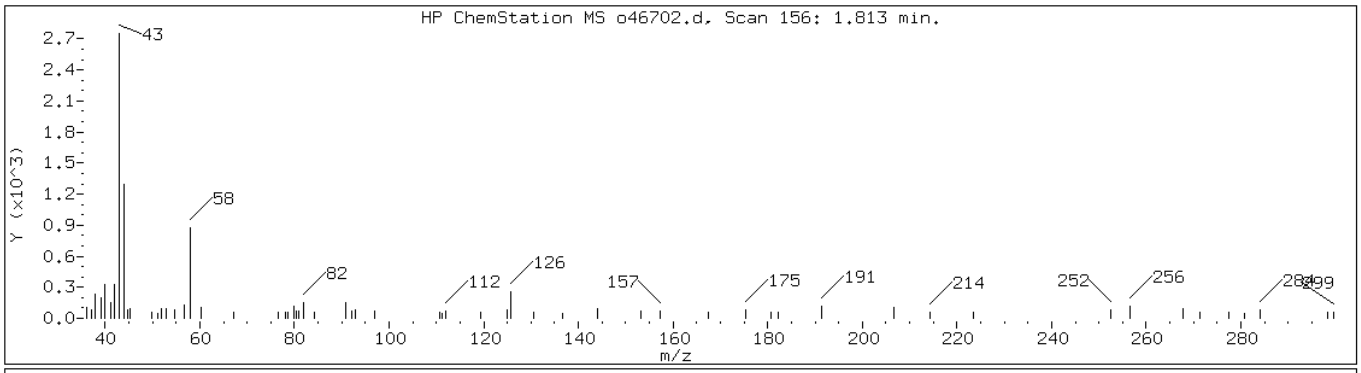
Data File: o46702.d

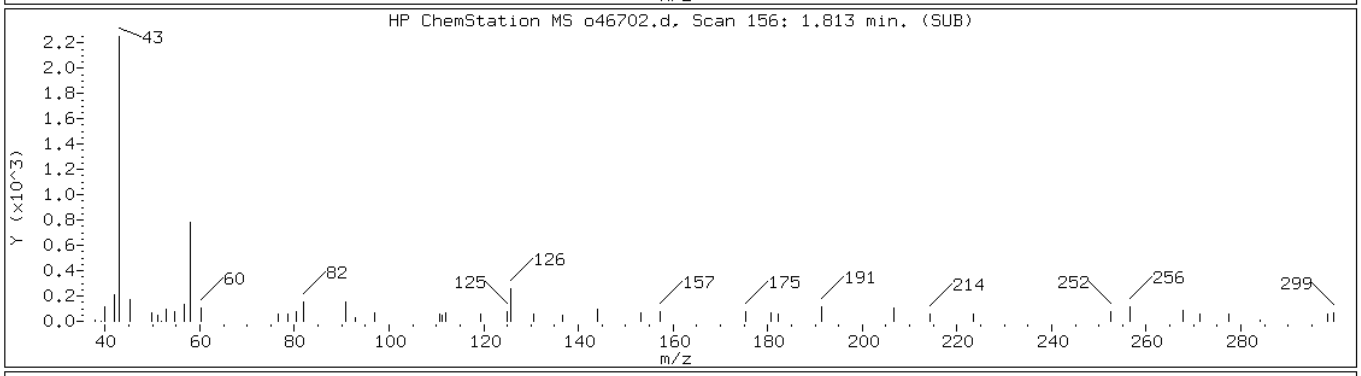
Date: 28-MAR-2011 20:07

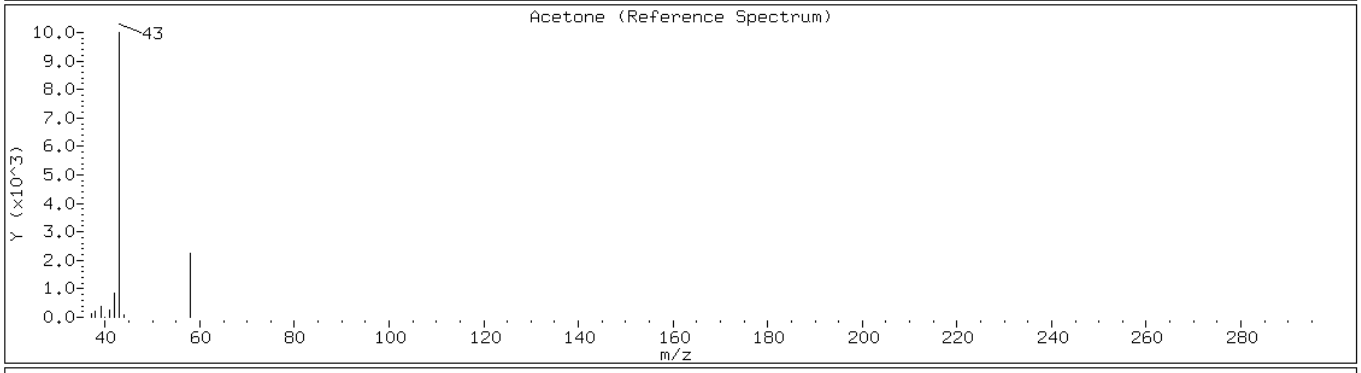
Client ID: Instrument: VOAMS12.i

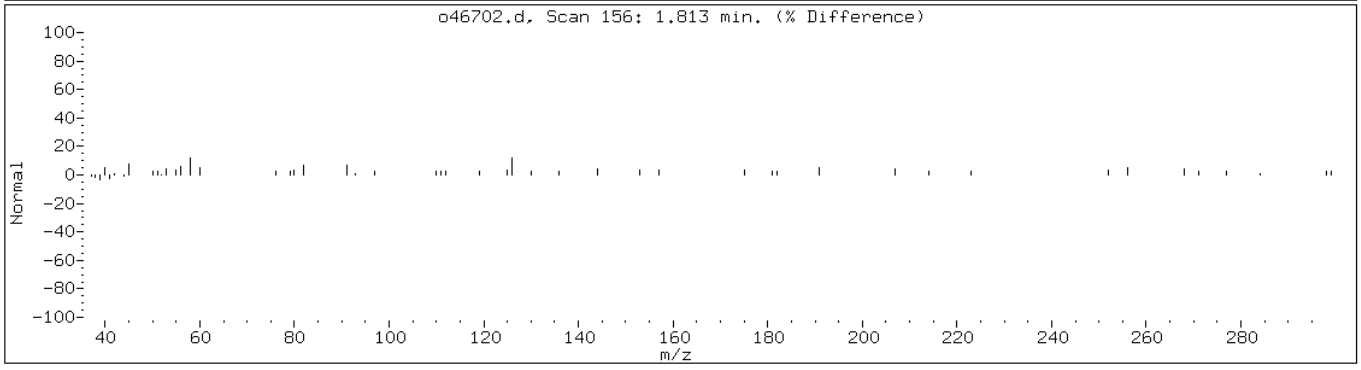
Sample Info: MB Operator: VOAMS 9

7 Acetone









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68929/5

Matrix: Solid | Lab File ID: o46755.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/30/2011 06:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	10	U	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.46
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68929/5

Matrix: Solid | Lab File ID: o46755.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/30/2011 06:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-138
2037-26-5	Toluene-d8 (Surr)	87		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68929/5

Matrix: Solid Lab File ID: o46755.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/30/2011 06:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68929 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46755.d
Report Date: 30-Mar-2011 08:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46755.d
Lab Smp Id: MB
Inj Date : 30-MAR-2011 06:59
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/8260L_10.m
Meth Date : 30-Mar-2011 05:00 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	145159	45.7337	46
*	69 Fluorobenzene	96	4.032	4.032	(1.000)	863223	50.0000	
$	37 Toluene-d8 (SUR)	98	5.800	5.800	(0.748)	611490	43.7179	44
*	32 Chlorobenzene-d5	117	7.751	7.751	(1.000)	607308	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.598	9.598	(0.837)	234541	46.5037	46
*	91 1,4-Dichlorobenzene-d4	152	11.463	11.463	(1.000)	338754	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46755.d
Report Date: 30-Mar-2011 08:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46755.d
Lab Smp Id: MB
Inj Date : 30-MAR-2011 06:59
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/8260L_10.m
Meth Date : 30-Mar-2011 05:00 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46755.d

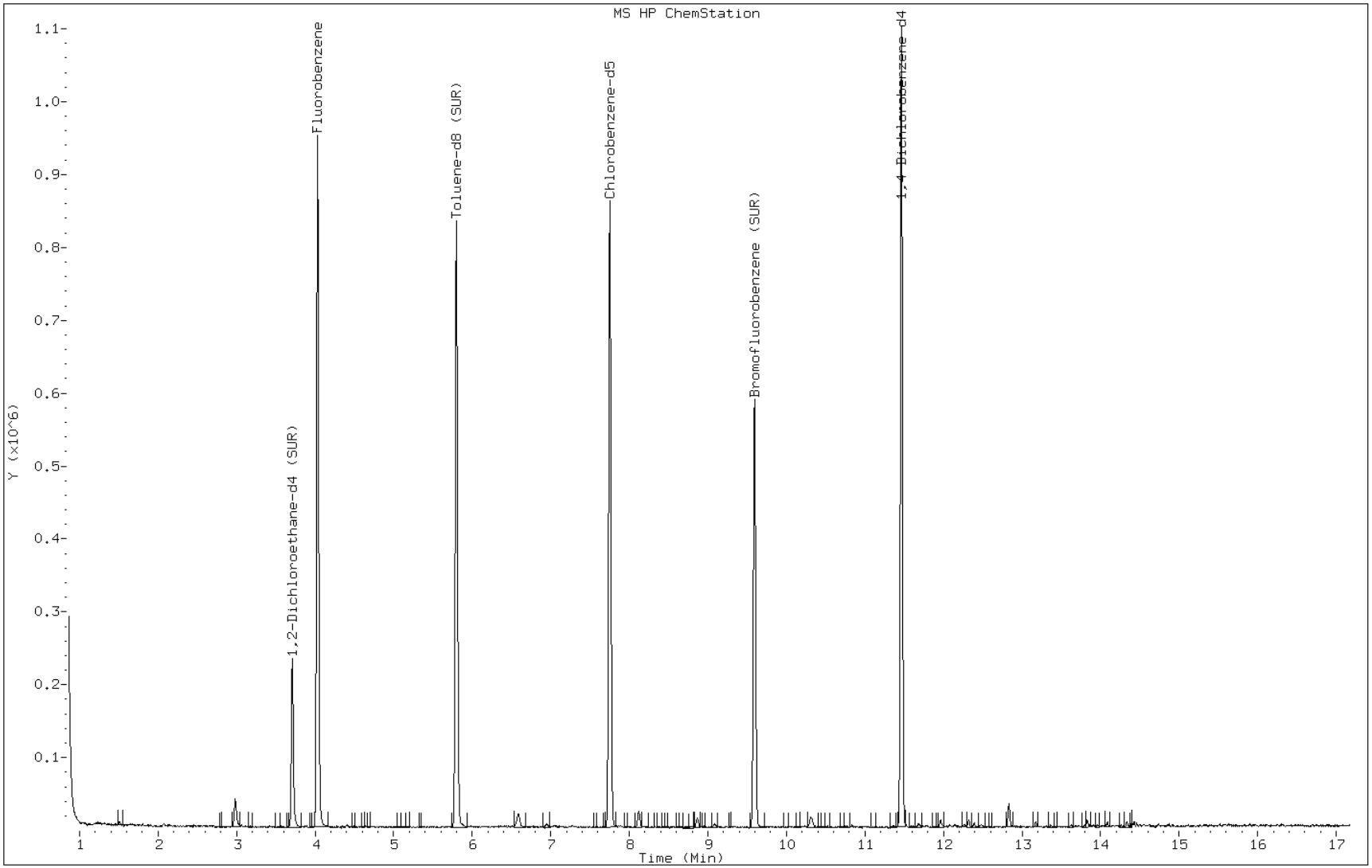
Date: 30-MAR-2011 06:59

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69045/4

Matrix: Solid | Lab File ID: j98782.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 11:44

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
75-01-4	Vinyl chloride	100	U	100	12
75-00-3	Chloroethane	100	U	100	45
75-09-2	Methylene Chloride	100	U	100	19
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
75-34-3	1,1-Dichloroethane	100	U	100	10
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
78-93-3	2-Butanone	1000	U	1000	82
107-06-2	1,2-Dichloroethane	100	U	100	25
71-55-6	1,1,1-Trichloroethane	100	U	100	25
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
75-25-2	Bromoform	100	U	100	9.9
100-42-5	Styrene	100	U	100	14
100-41-4	Ethylbenzene	100	U	100	25
108-90-7	Chlorobenzene	100	U	100	17
110-82-7	Cyclohexane	100	U	100	12
98-82-8	Isopropylbenzene	100	U	100	21
591-78-6	2-Hexanone	1000	U	1000	55
1634-04-4	MTBE	100	U	100	19
76-13-1	Freon TF	100	U	100	29
79-20-9	Methyl acetate	200	U	200	33
123-91-1	1,4-Dioxane	5000	U	5000	850
79-01-6	Trichloroethene	100	U	100	18
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
108-10-1	4-Methyl-2-pentanone	1000	U	1000	68
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
95-50-1	1,2-Dichlorobenzene	100	U	100	16
541-73-1	1,3-Dichlorobenzene	100	U	100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69045/4

Matrix: Solid | Lab File ID: j98782.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 11:44

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
87-61-6	1,2,3-Trichlorobenzene	100	U	100	83
78-87-5	1,2-Dichloropropane	100	U	100	8.7
108-87-2	Methylcyclohexane	100	U	100	8.0
127-18-4	Tetrachloroethene	100	U	100	20
1330-20-7	Xylenes, Total	300	U	300	43
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
124-48-1	Dibromochloromethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-97-5	Bromochloromethane	100	U	100	17
75-27-4	Bromodichloromethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		57-135
2037-26-5	Toluene-d8 (Surr)	99		46-130
460-00-4	Bromofluorobenzene	107		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69045/4

Matrix: Solid | Lab File ID: j98782.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 11:44

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98782.d
Report Date: 31-Mar-2011 12:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98782.d
Lab Smp Id: MB
Inj Date : 31-MAR-2011 11:44
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.467	7.470	(0.948)	464152	56.6422	5700
* 52 Fluorobenzene	96	7.878	7.874	(1.000)	1292491	50.0000	
$ 65 Toluene-d8 (SUR)	98	9.753	9.748	(0.860)	1133181	49.5672	5000
* 78 Chlorobenzene-d5	117	11.344	11.348	(1.000)	977737	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.548	12.549	(0.910)	525095	53.2852	5300
* 108 1,4-Dichlorobenzene-d4	152	13.783	13.784	(1.000)	519332	50.0000	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98782.d
Report Date: 31-Mar-2011 12:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98782.d
Lab Smp Id: MB
Inj Date : 31-MAR-2011 11:44
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

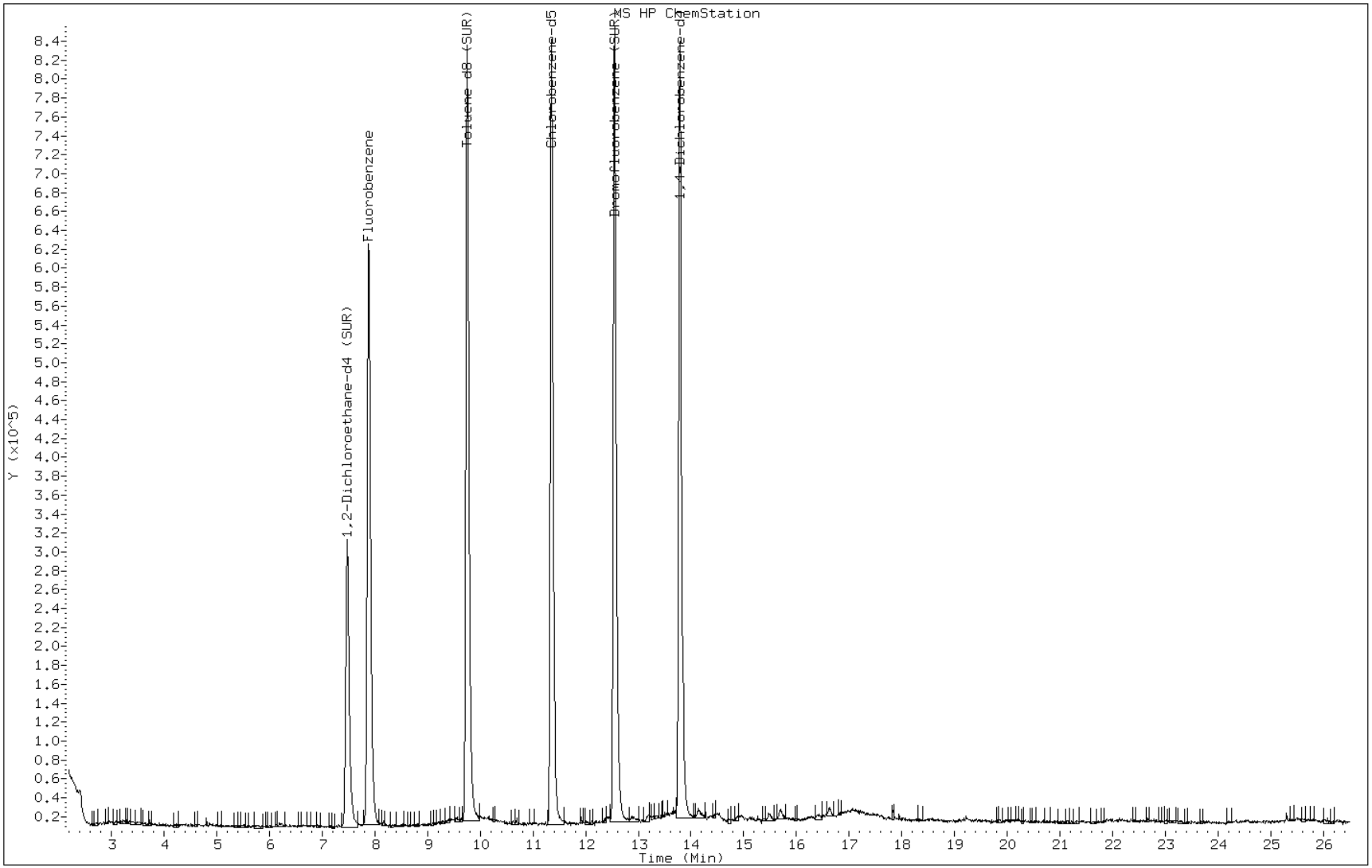
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j98782.d

Date: 31-MAR-2011 11:44

Client ID: Instrument: VOAMS8.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68728/3

Matrix: Solid | Lab File ID: o46699.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/28/2011 18:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.5		1.0	0.63
74-83-9	Bromomethane	23.4		1.0	0.41
75-01-4	Vinyl chloride	18.0		1.0	0.23
75-00-3	Chloroethane	21.7		1.0	0.40
75-09-2	Methylene Chloride	19.6		1.0	0.47
67-64-1	Acetone	26.8		10	3.7
75-15-0	Carbon disulfide	17.4		1.0	0.46
75-69-4	Trichlorofluoromethane	17.3		1.0	0.26
75-35-4	1,1-Dichloroethene	18.9		1.0	0.37
75-34-3	1,1-Dichloroethane	18.7		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.24
67-66-3	Chloroform	19.2		1.0	0.24
78-93-3	2-Butanone	22.1		10	0.57
107-06-2	1,2-Dichloroethane	19.2		1.0	0.39
71-55-6	1,1,1-Trichloroethane	18.2		1.0	0.19
56-23-5	Carbon tetrachloride	18.4		1.0	0.10
71-43-2	Benzene	18.9		1.0	0.74
75-25-2	Bromoform	17.1		1.0	0.70
100-42-5	Styrene	18.9		1.0	0.35
100-41-4	Ethylbenzene	18.9		1.0	0.19
108-90-7	Chlorobenzene	19.2		1.0	0.48
110-82-7	Cyclohexane	16.1		1.0	0.22
98-82-8	Isopropylbenzene	20.6		1.0	0.26
591-78-6	2-Hexanone	21.3		10	1.7
1634-04-4	MTBE	20.4		1.0	0.34
76-13-1	Freon TF	19.7		1.0	0.48
79-20-9	Methyl acetate	20.9		1.0	0.90
123-91-1	1,4-Dioxane	170		50	4.2
79-01-6	Trichloroethene	18.6		1.0	0.36
108-88-3	Toluene	18.3		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
108-10-1	4-Methyl-2-pentanone	21.9		10	0.72
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.64
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68728/3

Matrix: Solid | Lab File ID: o46699.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/28/2011 18:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.3		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.4		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	19.9		1.0	0.65
78-87-5	1,2-Dichloropropane	19.4		1.0	0.32
108-87-2	Methylcyclohexane	16.2		1.0	0.27
127-18-4	Tetrachloroethene	19.6		1.0	0.33
1330-20-7	Xylenes, Total	56.5		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.7		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.59
124-48-1	Dibromochloromethane	19.9		1.0	0.56
106-93-4	1,2-Dibromoethane	19.9		1.0	0.52
75-71-8	Dichlorodifluoromethane	16.5		1.0	0.41
74-97-5	Bromochloromethane	20.0		1.0	0.27
75-27-4	Bromodichloromethane	19.6		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	96		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Lab Smp Id: LCS
Inj Date : 28-MAR-2011 18:34
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 4 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				224779	37.9918	38
	90 Dichlorodifluoromethane	85	0.929	0.929	(0.230)	96704	16.4696	16
	1 Chloromethane	50	1.069	1.063	(0.265)	110383	17.5144	18
	4 Vinyl Chloride	62	1.087	1.087	(0.269)	108554	18.0155	18
	3 Bromomethane	94	1.264	1.270	(0.313)	78872	23.3754	23
	5 Chloroethane	64	1.325	1.325	(0.328)	90133	21.6530	22
	9 Trichlorofluoromethane	101	1.465	1.465	(0.363)	162961	17.2901	17
	121 n-Pentane	72	1.514	1.514	(0.375)	19446	19.5870	20
	127 Ethanol	46	1.593	1.593	(0.395)	61129	3116.46	3100
	46 Ethyl Ether	59	1.642	1.642	(0.407)	71142	20.8960	21
	119 Isoprene	67	1.648	1.648	(0.408)	138086	19.7051	20
	47 Acrolein	56	1.715	1.715	(0.425)	31958	109.357	110
	10 1,1-Dichloroethene	96	1.770	1.776	(0.438)	86793	18.8848	19
	48 Freon TF	101	1.776	1.776	(0.440)	100336	19.7068	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7	Acetone	43	1.813	1.813	(0.449)	21750	26.7966	27
142	Iodomethane	142	1.868	1.868	(0.463)	119520	19.6590	20
8	Carbon Disulfide	76	1.904	1.904	(0.472)	249071	17.4086	17
50	Acetonitrile	41	1.990	1.996	(0.493)	174185	529.215	530
125	Methyl acetate	74	2.020	2.020	(0.500)	20418	20.9239	21
6	Methylene Chloride	84	2.081	2.081	(0.515)	104920	19.5796	20
51	TBA	59	2.173	2.173	(0.538)	164775	462.160	460
52	Acrylonitrile	53	2.246	2.252	(0.556)	194676	160.893	160
12	trans-1,2-Dichloroethene	96	2.264	2.264	(0.561)	104950	18.9004	19
53	MTBE	73	2.270	2.270	(0.562)	249604	20.3946	20
49	Isopropanol	45	1.910	1.910	(0.473)	724420	3376.48	3400
54	Hexane	56	2.453	2.459	(0.607)	65767	15.0477	15
11	1,1-Dichloroethane	63	2.563	2.563	(0.635)	162920	18.6732	19
57	Vinyl Acetate	43	2.618	2.624	(0.648)	203572	21.0735	21
55	DIPE	45	2.624	2.624	(0.650)	277232	21.2604	21
149	tert-Butyl ethyl ether	59	2.904	2.904	(0.719)	273124	19.9278	20
104	2,2-Dichloropropane	77	3.008	3.008	(0.745)	154270	18.0083	18
13	cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	119829	19.0914	19
18	2-Butanone	72	3.032	3.032	(0.751)	10796	22.0796	22
56	Ethyl Acetate	70	3.093	3.093	(0.766)	15219	40.0798	40
108	Bromochloromethane	128	3.203	3.209	(0.793)	56577	20.0429	20
15	Chloroform	83	3.282	3.282	(0.813)	181174	19.1786	19
20	1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	159670	18.2061	18
59	Cyclohexane	56	3.471	3.477	(0.860)	148654	16.0766	16
21	Carbon Tetrachloride	117	3.575	3.575	(0.885)	133678	18.4409	18
92	1,1-Dichloropropene	75	3.581	3.581	(0.887)	140424	18.0037	18
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	162535	46.6461	47
28	Benzene	78	3.764	3.770	(0.932)	417266	18.9085	19
17	1,2-Dichloroethane	62	3.788	3.788	(0.938)	116093	19.2421	19
61	Isopropyl Acetate	43	3.880	3.880	(0.961)	307348	41.7457	42
140	tert-Amylmethyl Ether	73	3.898	3.898	(0.965)	256630	20.9205	21
* 69	Fluorobenzene	96	4.038	4.038	(1.000)	947648	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	4.373	4.373	(1.083)	42500	16.9824	17
25	Trichloroethene	95	4.410	4.410	(1.092)	111706	18.6460	19
63	n-Butanol	43	4.404	4.410	(1.091)	75577	1645.71	1600
96	Ethyl Acrylate	55	4.574	4.575	(1.133)	80709	16.8804	17
126	Methyl cyclohexane	83	4.605	4.605	(1.140)	187461	16.1648	16
23	1,2-Dichloropropane	63	4.642	4.648	(1.149)	94440	19.4025	19
109	Dibromomethane	93	4.770	4.770	(1.181)	55027	20.2338	20
95	1,4-Dioxane	88	4.824	4.812	(1.195)	8953	170.391	170
146	Methyl methacrylate	69	4.818	4.818	(1.193)	53621	21.8732	22
64	Propyl Acetate	43	4.904	4.904	(1.214)	180578	45.3302	45
22	Bromodichloromethane	83	4.959	4.965	(1.228)	124666	19.5672	20
30	2-Chloroethyl Vinyl Ether	63	5.355	5.349	(1.326)	5531	7.65193	7.6(R)
118	Epichlorohydrin	57	5.397	5.398	(1.337)	133503	437.278	440
24	cis-1,3-Dichloropropene	75	5.495	5.495	(1.361)	144972	18.8909	19
33	4-Methyl-2-Pentanone	43	5.715	5.715	(1.415)	56741	21.8699	22

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	700804	45.0717	45
	38 Toluene	91	5.891	5.891	(0.759)	483900	18.3438	18
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	124856	18.5842	18
	27 1,1,2-Trichloroethane	83	6.440	6.440	(0.830)	63522	19.6164	20
	35 Tetrachloroethene	166	6.592	6.599	(0.849)	141020	19.5773	20
	103 1,3-Dichloropropane	76	6.653	6.653	(0.857)	128851	18.5423	18
	34 2-Hexanone	43	6.830	6.830	(0.880)	38333	21.3331	21
	26 Dibromochloromethane	129	6.952	6.952	(0.896)	92087	19.8886	20
	65 Butyl Acetate	43	7.050	7.056	(0.908)	189328	43.7234	44
	66 1,2-Dibromoethane	107	7.074	7.074	(0.911)	80037	19.8598	20
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	675105	50.0000	
	39 Chlorobenzene	112	7.799	7.800	(1.005)	318203	19.1618	19
	97 1,1,1,2-Tetrachloroethane	131	7.946	7.952	(1.024)	102219	19.0591	19
	40 Ethylbenzene	106	8.007	8.007	(1.031)	168733	18.8614	19
	43 m+p-Xylene	106	8.190	8.196	(1.055)	424881	37.8395	38
	44 o-Xylene	106	8.787	8.787	(1.132)	202585	18.6650	19
	42 Styrene	104	8.818	8.818	(1.136)	331308	18.8859	19
	147 Butyl Acrylate	55	8.872	8.872	(0.773)	130416	15.5912	16
	31 Bromoform	173	9.055	9.055	(1.166)	56364	17.0838	17
	110 Isopropylbenzene	105	9.403	9.403	(1.211)	544225	20.5794	20
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	269026	48.1565	48
	150 Camphene	41	9.756	9.756	(0.850)	44436	17.6501	18
	107 Bromobenzene	156	9.799	9.799	(0.854)	139366	18.5726	18
	36 1,1,2,2-Tetrachloroethane	83	9.927	9.927	(0.865)	92693	17.6858	18
	99 1,2,3-Trichloropropane	110	9.945	9.945	(0.867)	30886	19.6021	20
	143 trans-1,4-Dichloro-2-butene	53	10.019	10.025	(2.481)	22514	18.5433	18
	112 n-Propylbenzene	91	10.073	10.073	(0.878)	623791	17.8272	18
	105 2-Chlorotoluene	91	10.153	10.153	(0.885)	361982	17.4683	17
	106 4-Chlorotoluene	91	10.342	10.342	(0.901)	377820	17.2407	17
	102 1,3,5-Trimethylbenzene	105	10.390	10.390	(0.905)	455287	17.7180	18
	148 Butyl methacrylate	69	10.677	10.677	(0.930)	121634	14.2567	14(R)
	115 tert-Butylbenzene	119	10.915	10.915	(0.951)	421371	18.1552	18
	100 1,2,4-Trimethylbenzene	105	11.000	11.000	(0.959)	468038	17.8649	18
	114 sec-Butylbenzene	105	11.274	11.274	(0.982)	608547	17.9359	18
	67 1,3-Dichlorobenzene	146	11.366	11.366	(0.990)	289032	18.8886	19
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.476	(1.000)	375226	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	287447	19.2969	19
	113 p-Isopropyltoluene	119	11.518	11.518	(1.004)	537148	18.3586	18
	69 1,2-Dichlorobenzene	146	11.982	11.982	(1.044)	263642	19.2373	19
	117 Benzyl chloride	91	11.719	11.720	(1.021)	174140	14.7204	15
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	470118	18.0657	18
	101 1,2-Dibromo-3-chloropropane	75	12.866	12.866	(1.121)	16644	18.4776	18
	152 Camphor	95	13.548	13.548	(1.181)	55487	113.208	110
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	228569	20.4438	20
	94 Hexachlorobutadiene	225	13.810	13.811	(1.203)	119582	19.4717	19
	70 Naphthalene	128	13.841	13.841	(1.206)	431463	21.7055	22
	98 1,2,3-Trichlorobenzene	180	14.042	14.048	(1.224)	200193	19.9371	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				627466	56.5102	56

QC Flag Legend

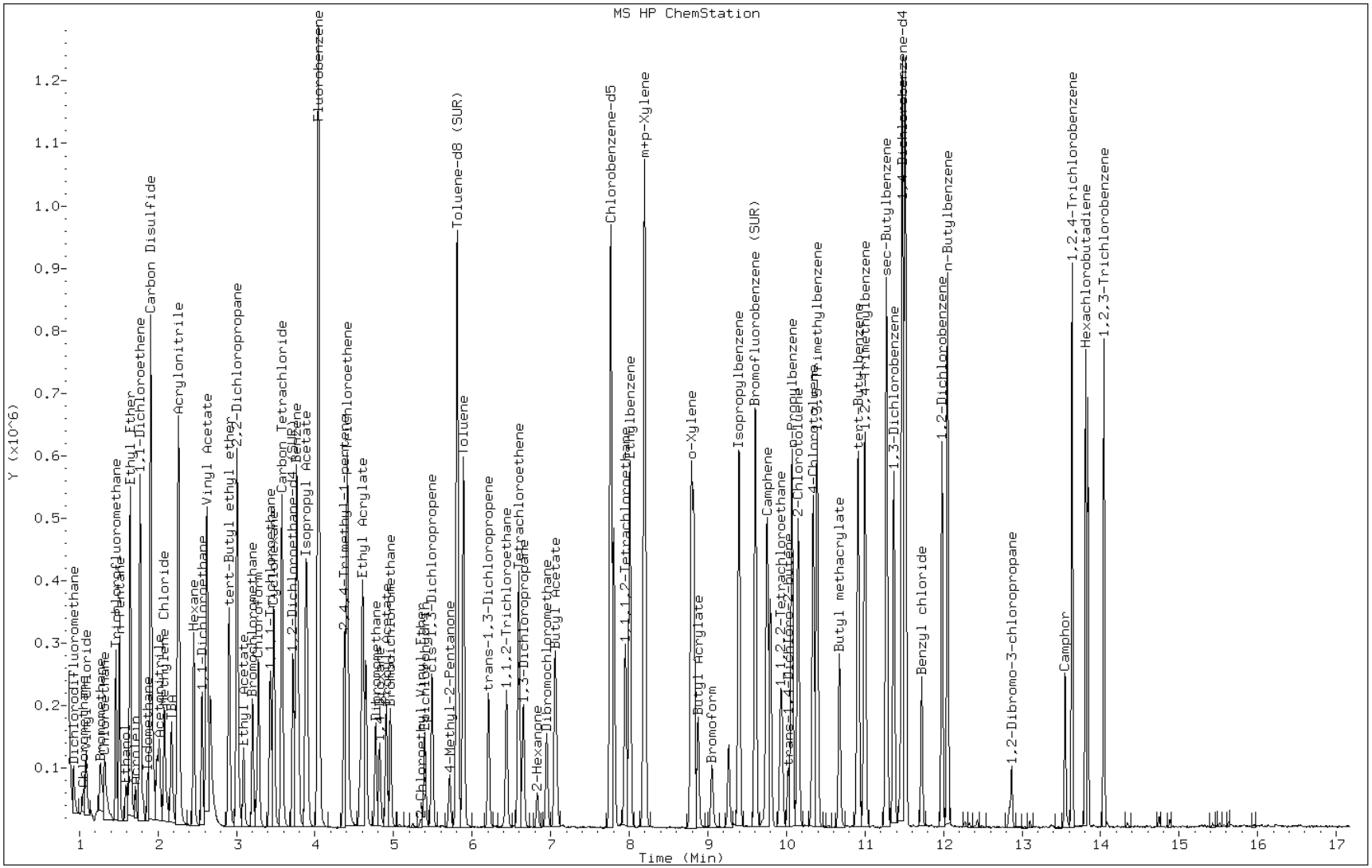
R - Spike/Surrogate failed recovery limits.

Data File: o46699.d

Date: 28-MAR-2011 18:34

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68929/3

Matrix: Solid Lab File ID: o46751.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/30/2011 05:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68929 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.2		1.0	0.63
74-83-9	Bromomethane	18.6		1.0	0.41
75-01-4	Vinyl chloride	20.4		1.0	0.23
75-00-3	Chloroethane	21.1		1.0	0.40
75-09-2	Methylene Chloride	20.4		1.0	0.47
67-64-1	Acetone	27.1		10	3.7
75-15-0	Carbon disulfide	19.0		1.0	0.46
75-69-4	Trichlorofluoromethane	22.4		1.0	0.26
75-35-4	1,1-Dichloroethene	19.8		1.0	0.37
75-34-3	1,1-Dichloroethane	19.7		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.2		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.24
67-66-3	Chloroform	20.2		1.0	0.24
78-93-3	2-Butanone	22.1		10	0.57
107-06-2	1,2-Dichloroethane	19.0		1.0	0.39
71-55-6	1,1,1-Trichloroethane	21.4		1.0	0.19
56-23-5	Carbon tetrachloride	22.0		1.0	0.10
71-43-2	Benzene	19.8		1.0	0.74
75-25-2	Bromoform	16.9		1.0	0.70
100-42-5	Styrene	20.2		1.0	0.35
100-41-4	Ethylbenzene	20.1		1.0	0.19
108-90-7	Chlorobenzene	20.2		1.0	0.48
110-82-7	Cyclohexane	18.7		1.0	0.22
98-82-8	Isopropylbenzene	21.2		1.0	0.26
591-78-6	2-Hexanone	18.5		10	1.7
1634-04-4	MTBE	20.5		1.0	0.34
76-13-1	Freon TF	23.5		1.0	0.48
79-20-9	Methyl acetate	23.3		1.0	0.90
123-91-1	1,4-Dioxane	150		50	4.2
79-01-6	Trichloroethene	21.2		1.0	0.36
108-88-3	Toluene	19.6		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
108-10-1	4-Methyl-2-pentanone	19.1		10	0.72
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.64
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68929/3

Matrix: Solid | Lab File ID: o46751.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/30/2011 05:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.9		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.8		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	20.5		1.0	0.65
78-87-5	1,2-Dichloropropane	18.9		1.0	0.32
108-87-2	Methylcyclohexane	19.5		1.0	0.27
127-18-4	Tetrachloroethene	22.6		1.0	0.33
1330-20-7	Xylenes, Total	62.0		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	16.8		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	15.9		1.0	0.76
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.59
124-48-1	Dibromochloromethane	20.6		1.0	0.56
106-93-4	1,2-Dibromoethane	19.8		1.0	0.52
75-71-8	Dichlorodifluoromethane	24.0		1.0	0.41
74-97-5	Bromochloromethane	20.4		1.0	0.27
75-27-4	Bromodichloromethane	19.8		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-138
2037-26-5	Toluene-d8 (Surr)	92		66-126
460-00-4	Bromofluorobenzene	97		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46751.d
Report Date: 30-Mar-2011 05:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46751.d
Lab Smp Id: LCS
Inj Date : 30-MAR-2011 05:05
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/8260L_10.m
Meth Date : 30-Mar-2011 05:00 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				245218	40.6019	41
	90 Dichlorodifluoromethane	85	0.923	0.923	(0.229)	144104	24.0404	24
	1 Chloromethane	50	1.057	1.051	(0.262)	117138	18.2061	18
	4 Vinyl Chloride	62	1.087	1.087	(0.270)	125249	20.3613	20
	3 Bromomethane	94	1.258	1.258	(0.312)	64204	18.6392	19
	5 Chloroethane	64	1.313	1.319	(0.326)	89703	21.1091	21
	9 Trichlorofluoromethane	101	1.459	1.459	(0.362)	215166	22.3622	22
	121 n-Pentane	72	1.508	1.502	(0.374)	18155	17.9136	18
	127 Ethanol	46	1.593	1.587	(0.395)	55983	2795.74	2800
	46 Ethyl Ether	59	1.636	1.636	(0.406)	67587	19.4459	19
	119 Isoprene	67	1.642	1.642	(0.407)	148855	20.8077	21
	47 Acrolein	56	1.709	1.709	(0.424)	34017	114.022	110
	10 1,1-Dichloroethene	96	1.764	1.764	(0.438)	93076	19.8380	20
	48 Freon TF	101	1.770	1.770	(0.439)	122363	23.5417	24

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46751.d
Report Date: 30-Mar-2011 05:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.807	1.807	(0.448)	22443	27.0848	27
	142 Iodomethane	142	1.861	1.862	(0.462)	130685	21.0560	21
	8 Carbon Disulfide	76	1.898	1.898	(0.471)	277757	19.0167	19
	50 Acetonitrile	41	1.990	1.983	(0.493)	165269	491.861	490
	125 Methyl acetate	74	2.014	2.014	(0.500)	23221	23.3100	23
	6 Methylene Chloride	84	2.075	2.075	(0.515)	111700	20.4186	20
	51 TBA	59	2.172	2.166	(0.539)	146713	403.086	400
	52 Acrylonitrile	53	2.239	2.240	(0.555)	174805	141.517	140
	12 trans-1,2-Dichloroethene	96	2.258	2.258	(0.560)	114633	20.2222	20
	53 MTBE	73	2.264	2.264	(0.561)	255551	20.4537	20
	49 Isopropanol	45	1.910	1.904	(0.474)	651692	2975.40	3000
	54 Hexane	56	2.447	2.447	(0.607)	85064	19.0649	19
	11 1,1-Dichloroethane	63	2.550	2.550	(0.633)	175822	19.7401	20
	57 Vinyl Acetate	43	2.617	2.618	(0.649)	151196	15.3316	15
	55 DIPE	45	2.617	2.618	(0.649)	280671	21.0841	21
	149 tert-Butyl ethyl ether	59	2.898	2.898	(0.719)	282797	20.2118	20
	104 2,2-Dichloropropane	77	2.995	2.995	(0.743)	181493	20.7529	21
	13 cis-1,2-Dichloroethene	96	3.002	3.002	(0.744)	130585	20.3797	20
	18 2-Butanone	72	3.026	3.026	(0.750)	11018	22.0728	22
	56 Ethyl Acetate	70	3.087	3.087	(0.766)	14340	36.9926	37
	108 Bromochloromethane	128	3.197	3.197	(0.793)	58855	20.4237	20
	15 Chloroform	83	3.270	3.270	(0.811)	194601	20.1788	20
	20 1,1,1-Trichloroethane	97	3.422	3.422	(0.849)	191263	21.3625	21
	59 Cyclohexane	56	3.465	3.465	(0.859)	176742	18.7236	19
	21 Carbon Tetrachloride	117	3.568	3.569	(0.885)	162598	21.9720	22
	92 1,1-Dichloropropene	75	3.568	3.569	(0.885)	157460	19.7751	20
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	161242	45.3291	45
	28 Benzene	78	3.757	3.758	(0.932)	446599	19.8240	20
	17 1,2-Dichloroethane	62	3.776	3.776	(0.936)	116751	18.9555	19
	61 Isopropyl Acetate	43	3.873	3.867	(0.961)	293420	39.0392	39
	140 tert-Amylmethyl Ether	73	3.885	3.886	(0.964)	257300	20.5463	20
*	69 Fluorobenzene	96	4.032	4.032	(1.000)	967426	50.0000	
	156 2,4,4-Trimethyl-1-pentene	112	4.361	4.367	(1.082)	56882	22.2643	22
	25 Trichloroethene	95	4.398	4.398	(1.091)	129915	21.2422	21
	63 n-Butanol	43	4.398	4.398	(1.091)	68117	1484.47	1500
	96 Ethyl Acrylate	55	4.562	4.562	(1.132)	72644	14.8829	15
	126 Methyl cyclohexane	83	4.593	4.593	(1.139)	231285	19.5361	20
	23 1,2-Dichloropropane	63	4.635	4.635	(1.150)	94160	18.9495	19
	109 Dibromomethane	93	4.757	4.757	(1.180)	56188	20.2385	20
	95 1,4-Dioxane	88	4.806	4.806	(1.192)	8065	150.344	150
	146 Methyl methacrylate	69	4.812	4.812	(1.194)	47699	19.0598	19
	64 Propyl Acetate	43	4.891	4.891	(1.213)	161527	39.7191	40
	22 Bromodichloromethane	83	4.952	4.952	(1.228)	128791	19.8014	20
	30 2-Chloroethyl Vinyl Ether	63	5.336	5.343	(1.324)	20529	27.6060	28(R)
	118 Epichlorohydrin	57	5.391	5.385	(1.337)	127370	408.662	410
	24 cis-1,3-Dichloropropene	75	5.483	5.483	(1.360)	151376	19.3222	19
	33 4-Methyl-2-Pentanone	43	5.702	5.702	(1.414)	50669	19.1303	19

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46751.d
Report Date: 30-Mar-2011 05:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.800	5.800	(0.748)	714143	45.8315	46
	38 Toluene	91	5.879	5.879	(0.759)	519296	19.6436	20
	29 trans-1,3-Dichloropropene	75	6.202	6.202	(0.800)	125175	18.5919	18
	27 1,1,2-Trichloroethane	83	6.428	6.428	(0.829)	65425	20.1608	20
	35 Tetrachloroethene	166	6.580	6.586	(0.849)	163240	22.6136	23
	103 1,3-Dichloropropane	76	6.641	6.641	(0.857)	132175	18.9800	19
	34 2-Hexanone	43	6.818	6.818	(0.880)	33258	18.4689	18
	26 Dibromochloromethane	129	6.940	6.940	(0.895)	95446	20.5702	20
	65 Butyl Acetate	43	7.043	7.043	(0.909)	173554	39.9950	40
	66 1,2-Dibromoethane	107	7.062	7.062	(0.911)	80052	19.8212	20
*	32 Chlorobenzene-d5	117	7.751	7.751	(1.000)	676550	50.0000	
	39 Chlorobenzene	112	7.793	7.793	(1.006)	336234	20.2044	20
	97 1,1,1,2-Tetrachloroethane	131	7.940	7.940	(1.024)	111138	20.6779	21
	40 Ethylbenzene	106	7.994	7.995	(1.031)	180526	20.1366	20
	43 m+p-Xylene	106	8.183	8.184	(1.056)	468135	41.6027	42
	44 o-Xylene	106	8.775	8.775	(1.132)	222068	20.4163	20
	42 Styrene	104	8.805	8.805	(1.136)	355378	20.2147	20
	147 Butyl Acrylate	55	8.860	8.860	(0.773)	119698	14.1667	14(R)
	31 Bromoform	173	9.043	9.043	(1.167)	55900	16.9069	17
	110 Isopropylbenzene	105	9.391	9.391	(1.212)	561622	21.1919	21
$	41 Bromofluorobenzene (SUR)	174	9.598	9.598	(0.837)	272784	48.3403	48
	150 Camphene	41	9.744	9.738	(0.850)	42278	16.6248	17
	107 Bromobenzene	156	9.787	9.787	(0.854)	148074	19.5355	20
	36 1,1,2,2-Tetrachloroethane	83	9.915	9.915	(0.865)	84310	15.9252	16
	99 1,2,3-Trichloropropane	110	9.933	9.933	(0.866)	30095	18.9088	19
	143 trans-1,4-Dichloro-2-butene	53	10.012	10.012	(2.483)	26077	21.0391	21
	112 n-Propylbenzene	91	10.061	10.061	(0.878)	684067	19.3542	19
	105 2-Chlorotoluene	91	10.140	10.140	(0.885)	385179	18.4017	18
	106 4-Chlorotoluene	91	10.329	10.329	(0.901)	396859	17.9282	18
	102 1,3,5-Trimethylbenzene	105	10.378	10.378	(0.905)	495380	19.0854	19
	148 Butyl methacrylate	69	10.665	10.665	(0.930)	118844	13.7902	14(R)
	115 tert-Butylbenzene	119	10.902	10.902	(0.951)	478683	20.4181	20
	100 1,2,4-Trimethylbenzene	105	10.988	10.988	(0.959)	504590	19.0673	19
	114 sec-Butylbenzene	105	11.262	11.262	(0.982)	698173	20.3715	20
	67 1,3-Dichlorobenzene	146	11.360	11.360	(0.991)	303584	19.6410	20
*	91 1,4-Dichlorobenzene-d4	152	11.463	11.463	(1.000)	379020	50.0000	
	68 1,4-Dichlorobenzene	146	11.494	11.494	(1.003)	299294	19.8911	20
	113 p-Isopropyltoluene	119	11.506	11.506	(1.004)	600230	20.3093	20
	69 1,2-Dichlorobenzene	146	11.969	11.969	(1.044)	274541	19.8321	20
	117 Benzyl chloride	91	11.713	11.713	(1.022)	172115	14.4036	14
	111 n-Butylbenzene	91	12.042	12.043	(1.051)	533811	20.3080	20
	101 1,2-Dibromo-3-chloropropane	75	12.853	12.859	(1.121)	15313	16.8304	17
	152 Camphor	95	13.542	13.542	(1.181)	46995	94.9230	95
	93 1,2,4-Trichlorobenzene	180	13.634	13.634	(1.189)	235068	20.8146	21
	94 Hexachlorobutadiene	225	13.804	13.804	(1.204)	145509	23.4563	23
	70 Naphthalene	128	13.835	13.835	(1.207)	398515	19.8474	20
	98 1,2,3-Trichlorobenzene	180	14.036	14.042	(1.224)	207656	20.4734	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46751.d
Report Date: 30-Mar-2011 05:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				690203	62.0276	62

QC Flag Legend

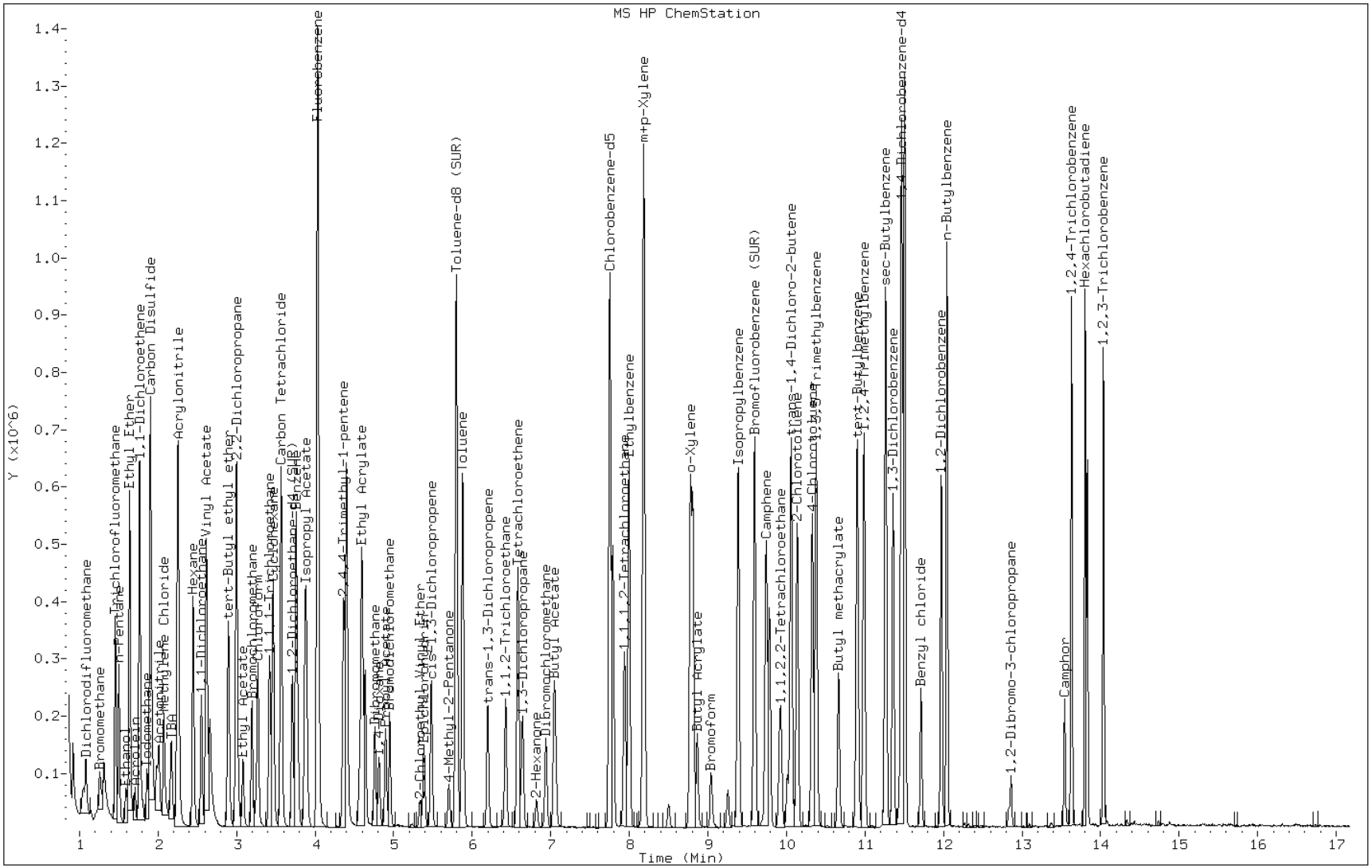
R - Spike/Surrogate failed recovery limits.

Data File: o46751.d

Date: 30-MAR-2011 05:05

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69045/3

Matrix: Solid | Lab File ID: j98779.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 10:07

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2200		100	21
74-83-9	Bromomethane	2240		100	31
75-01-4	Vinyl chloride	2230		100	12
75-00-3	Chloroethane	2220		100	45
75-09-2	Methylene Chloride	1960		100	19
67-64-1	Acetone	1790		1000	250
75-15-0	Carbon disulfide	1900		100	15
75-69-4	Trichlorofluoromethane	2290		100	16
75-35-4	1,1-Dichloroethene	2020		100	14
75-34-3	1,1-Dichloroethane	2080		100	10
156-60-5	trans-1,2-Dichloroethene	1900		100	14
156-59-2	cis-1,2-Dichloroethene	1980		100	19
67-66-3	Chloroform	2030		100	16
78-93-3	2-Butanone	1680		1000	82
107-06-2	1,2-Dichloroethane	2250		100	25
71-55-6	1,1,1-Trichloroethane	2040		100	25
56-23-5	Carbon tetrachloride	1860		100	18
71-43-2	Benzene	1970		100	12
75-25-2	Bromoform	1940		100	9.9
100-42-5	Styrene	1910		100	14
100-41-4	Ethylbenzene	2020		100	25
108-90-7	Chlorobenzene	2000		100	17
110-82-7	Cyclohexane	1950		100	12
98-82-8	Isopropylbenzene	2060		100	21
591-78-6	2-Hexanone	1710		1000	55
1634-04-4	MTBE	1920		100	19
76-13-1	Freon TF	2320		100	29
79-20-9	Methyl acetate	1640		200	33
123-91-1	1,4-Dioxane	12800		5000	850
79-01-6	Trichloroethene	1990		100	18
108-88-3	Toluene	1940		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1900		100	12
108-10-1	4-Methyl-2-pentanone	1790		1000	68
10061-01-5	cis-1,3-Dichloropropene	1940		100	10
95-50-1	1,2-Dichlorobenzene	2040		100	16
541-73-1	1,3-Dichlorobenzene	2040		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69045/3

Matrix: Solid | Lab File ID: j98779.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 10:07

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2040		100	15
120-82-1	1,2,4-Trichlorobenzene	2210		100	44
87-61-6	1,2,3-Trichlorobenzene	2630		100	83
78-87-5	1,2-Dichloropropane	2080		100	8.7
108-87-2	Methylcyclohexane	1940		100	8.0
127-18-4	Tetrachloroethene	2030		100	20
1330-20-7	Xylenes, Total	5880		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	1920		100	15
79-34-5	1,1,2,2-Tetrachloroethane	2160		100	8.6
79-00-5	1,1,2-Trichloroethane	1980		100	9.7
124-48-1	Dibromochloromethane	1920		100	10
106-93-4	1,2-Dibromoethane	1920		100	9.1
75-71-8	Dichlorodifluoromethane	2150		100	28
74-97-5	Bromochloromethane	2000		100	17
75-27-4	Bromodichloromethane	2040		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		57-135
2037-26-5	Toluene-d8 (Surr)	110		46-130
460-00-4	Bromofluorobenzene	116		50-124

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98779.d
Report Date: 31-Mar-2011 10:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98779.d
Lab Smp Id: LCS
Inj Date : 31-MAR-2011 10:07
Operator : Inst ID: VOAMS8.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	2.626	2.598	(0.333)	289618	21.5033	2200
3 Chloromethane	50	2.752	2.744	(0.349)	142265	21.9728	2200
4 Vinyl Chloride	62	2.931	2.927	(0.372)	176667	22.2845	2200
6 Bromomethane	94	3.323	3.312	(0.422)	125608	22.3698	2200
5 Chloroethane	64	3.423	3.421	(0.435)	82248	22.1930	2200
7 Trichlorofluoromethane	101	3.788	3.773	(0.481)	367237	22.8878	2300
8 n-Pentane	72	3.796	3.818	(0.482)	22380	21.7667	2200
9 Ethanol	46	3.925	3.928	(0.498)	77744	3192.28	320000
10 Isoprene	67	4.071	4.064	(0.517)	167965	23.3358	2300
11 Ethyl Ether	59	4.016	4.019	(0.510)	124538	21.8030	2200
13 Acrolein	56	4.209	4.202	(0.534)	36371	54.5875	5400
15 1,1-Dichloroethene	96	4.345	4.346	(0.552)	159115	20.1827	2000
14 Freon TF	101	4.354	4.355	(0.553)	325799	23.1581	2300
16 Acetone	58	4.382	4.374	(0.556)	9794	17.8693	1800

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98779.d
Report Date: 31-Mar-2011 10:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	17 Iodomethane	142	4.547	4.538	(0.577)	472330	21.6096	2200
	18 Carbon Disulfide	76	4.666	4.648	(0.592)	458769	18.9811	1900
	19 Isopropanol	45	4.510	4.510	(0.573)	1112655	2989.74	300000
	21 Acetonitrile	39	4.721	4.730	(0.599)	34710	478.262	48000
	27 Methyl Acetate	74	4.739	4.730	(0.602)	29997	16.4372	1600
	22 Methylene Chloride	84	4.904	4.886	(0.623)	190862	19.5916	2000
	24 TBA	59	4.977	4.974	(0.632)	272625	362.808	36000
	25 trans-1,2-Dichloroethene	96	5.197	5.194	(0.660)	174223	19.0033	1900
	26 Acrylonitrile	53	5.169	5.176	(0.656)	36629	20.1350	2000
	28 MTBE	73	5.178	5.167	(0.657)	474597	19.1606	1900
	29 Hexane	56	5.481	5.468	(0.696)	69382	17.0337	1700
	30 1,1-Dichloroethane	63	5.700	5.695	(0.724)	373682	20.8437	2100
	31 Vinyl Acetate	43	5.728	5.723	(0.727)	651248	22.1739	2200
	32 DIPE	45	5.719	5.714	(0.726)	804628	19.3805	1900
	35 t-Butyl-ethyl-ether	59	6.167	6.161	(0.783)	707581	20.0335	2000
	37 2,2-Dichloropropane	77	6.415	6.427	(0.814)	319045	22.3321	2200
	36 cis-1,2-Dichloroethene	96	6.415	6.408	(0.814)	206463	19.8200	2000
	38 2-Butanone	72	6.396	6.399	(0.812)	13614	16.8196	1700
	39 Ethyl Acetate	70	6.451	6.436	(0.819)	34777	37.2125	3700
	40 Bromochloromethane	128	6.724	6.720	(0.854)	137460	19.9565	2000
	41 Tetrahydrofuran	42	6.779	6.766	(0.861)	42224	17.8728	1800
	42 Chloroform	83	6.798	6.793	(0.863)	396018	20.3318	2000
	43 1,1,1-Trichloroethane	97	7.073	7.059	(0.898)	330756	20.4246	2000
	44 Cyclohexane	56	7.137	7.132	(0.906)	236995	19.5399	2000
	45 Carbon Tetrachloride	117	7.284	7.279	(0.925)	312480	18.6393	1900
	46 1,1-Dichloropropene	75	7.256	7.251	(0.921)	283077	20.4462	2000
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.475	7.470	(0.949)	497678	62.1281	6200
	48 Benzene	78	7.548	7.544	(0.665)	534892	19.7281	2000
	49 1,2-Dichloroethane	62	7.567	7.562	(0.961)	256760	22.5443	2200
	50 t-Amyl-methyl-ether	73	7.638	7.626	(0.970)	603065	20.1709	2000
	61 Isopropyl Acetate	43	7.548	7.553	(0.958)	1019159	38.5211	3800
*	52 Fluorobenzene	96	7.877	7.874	(1.000)	1263479	50.0000	
	166 2,4,4-Trimethylpentene	112	8.225	8.227	(1.044)	1014	0.55245	55(aR)
	54 Trichloroethene	95	8.326	8.319	(1.057)	217751	19.9056	2000
	53 n-Butanol	43	8.179	8.164	(1.038)	156213	1267.41	130000
	56 Methyl cyclohexane	83	8.564	8.564	(1.087)	175355	19.4251	1900
	55 Ethyl Acrylate	55	8.399	8.401	(1.066)	234245	18.2156	1800
	57 1,2-Dichloropropane	63	8.619	8.610	(1.094)	238640	20.8008	2100
	58 Dibromomethane	93	8.757	8.765	(1.112)	189501	19.6145	2000
	60 1,4-Dioxane	88	8.766	8.747	(1.113)	11145	128.439	13000(a)
	59 Methyl Methacrylate	100	8.684	8.692	(1.102)	49901	19.0806	1900
	75 Propyl Acetate	43	8.748	8.738	(1.111)	584197	37.2454	3700
	68 Bromodichloromethane	83	8.922	8.930	(1.133)	399951	20.3551	2000
	62 2-Chloroethyl Vinyl Ether	63	9.240	9.232	(1.173)	70741	10.2221	1000
	63 Epichlorohydrin	57	9.346	9.339	(0.824)	368202	374.014	37000
	67 cis-1,3-Dichloropropene	75	9.438	9.431	(0.832)	345580	19.3645	1900
	70 4-Methyl-2-Pentanone	43	9.593	9.596	(0.845)	182924	17.8713	1800

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98779.d
Report Date: 31-Mar-2011 10:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	65 Toluene-d8 (SUR)	98	9.749	9.748	(0.859)	1204186	54.8241	5500
	66 Toluene	91	9.823	9.821	(0.866)	565420	19.4135	1900
	64 trans-1,3-Dichloropropene	75	10.057	10.057	(0.886)	294621	19.0098	1900
	69 1,1,2-Trichloroethane	83	10.276	10.276	(0.906)	164904	19.7989	2000
	71 Tetrachloroethene	166	10.439	10.435	(0.920)	224858	20.3037	2000
	72 1,3-Dichloropropane	76	10.474	10.472	(0.923)	329587	20.1425	2000
	73 2-Hexanone	43	10.529	10.518	(0.928)	102179	17.1028	1700
	74 Dibromochloromethane	129	10.731	10.729	(0.946)	320582	19.2128	1900
	76 Butyl Acetate	73	10.630	10.628	(0.937)	116446	37.3850	3700
	77 1,2-Dibromoethane	107	10.871	10.874	(0.958)	273375	19.2442	1900
*	78 Chlorobenzene-d5	117	11.348	11.348	(1.000)	939375	50.0000	
	79 Chlorobenzene	112	11.375	11.375	(1.002)	425759	19.9552	2000
	80 1,1,1,2-Tetrachloroethane	131	11.457	11.448	(1.010)	244721	20.3485	2000
	81 Ethylbenzene	106	11.467	11.467	(1.010)	180557	20.2366	2000
	82 m+p-Xylene	106	11.586	11.583	(1.021)	483012	39.2793	3900
	84 o-Xylene	106	12.004	11.999	(1.058)	239169	19.5516	2000
	85 Styrene	104	12.013	12.008	(1.059)	402620	19.0689	1900
	83 Butyl Acrylate	73	11.896	11.898	(1.048)	230872	24.0595	2400(R)
	86 Bromoform	173	12.243	12.245	(1.079)	221373	19.4370	1900
	88 Isopropylbenzene	105	12.363	12.356	(1.089)	566112	20.5915	2000
$	89 Bromofluorobenzene (SUR)	174	12.547	12.549	(0.910)	557013	58.2438	5800
	90 Camphene (total)	41	12.657	12.651	(1.115)	69222	22.8384	2300
	91 Bromobenzene	156	12.729	12.725	(0.923)	221927	21.3773	2100
	92 1,1,2,2-Tetrachloroethane	83	12.675	12.669	(0.919)	290662	21.6123	2200
	93 1,2,3-Trichloropropane	110	12.739	12.734	(0.924)	70752	23.6899	2400
	94 trans-1,4-Dichloro-2-butene	53	12.720	12.715	(0.923)	70075	18.9450	1900
	95 n-Propylbenzene	91	12.785	12.780	(0.927)	615178	20.9307	2100
	96 2-Chlorotoluene	91	12.905	12.907	(0.936)	368076	23.5425	2400
	97 1,3,5-Trimethylbenzene	105	12.950	12.944	(0.939)	435713	21.6462	2200
	98 4-Chlorotoluene	91	13.011	13.016	(0.944)	544722	21.6806	2200
	99 Butyl Methacrylate	87	12.985	12.981	(0.942)	330668	21.6223	2200
	100 tert-Butylbenzene	119	13.312	13.309	(0.966)	471950	21.2030	2100
	101 1,2,4-Trimethylbenzene	105	13.357	13.353	(0.969)	447091	20.1156	2000
	102 2-Octanone	43	13.412	13.409	(0.973)	414199	23.1033	2300
	103 sec-Butylbenzene	105	13.550	13.545	(0.983)	531075	19.0452	1900
	105 1,3-Dichlorobenzene	146	13.718	13.711	(0.995)	290564	20.4095	2000
	107 p-Isopropyltoluene	119	13.683	13.683	(0.992)	499412	21.4229	2100
*	108 1,4-Dichlorobenzene-d4	152	13.788	13.784	(1.000)	503999	50.0000	
	109 1,4-Dichlorobenzene	146	13.816	13.810	(1.002)	373247	20.4414	2000
	110 Benzyl Chloride	91	13.961	13.954	(1.013)	396314	21.4232	2100
	106 n-Butylbenzene	91	14.151	14.143	(1.026)	417781	19.9682	2000
	111 1,2-Dichlorobenzene	146	14.262	14.253	(1.034)	323068	20.3825	2000
	112 1,2-Dibromo-3-chloropropane	75	15.226	15.225	(1.104)	60448	19.1618	1900
	113 Camphor	95	16.282	16.272	(1.181)	138759	95.9605	9600
	114 1,2,4-Trichlorobenzene	180	16.424	16.409	(1.191)	211459	22.1337	2200
	115 Hexachlorobutadiene	225	16.635	16.612	(1.206)	156591	20.5711	2000
	116 Naphthalene	128	16.865	16.864	(1.223)	355289	18.9499	1900

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98779.d
Report Date: 31-Mar-2011 10:21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	17.278	17.274	(1.253)	188442	26.3169	2600
M 120 1,2-Dichloroethene (Total)	100				380686	38.8754	3900
M 121 Xylene (Total)	100				722181	58.8309	5900

QC Flag Legend

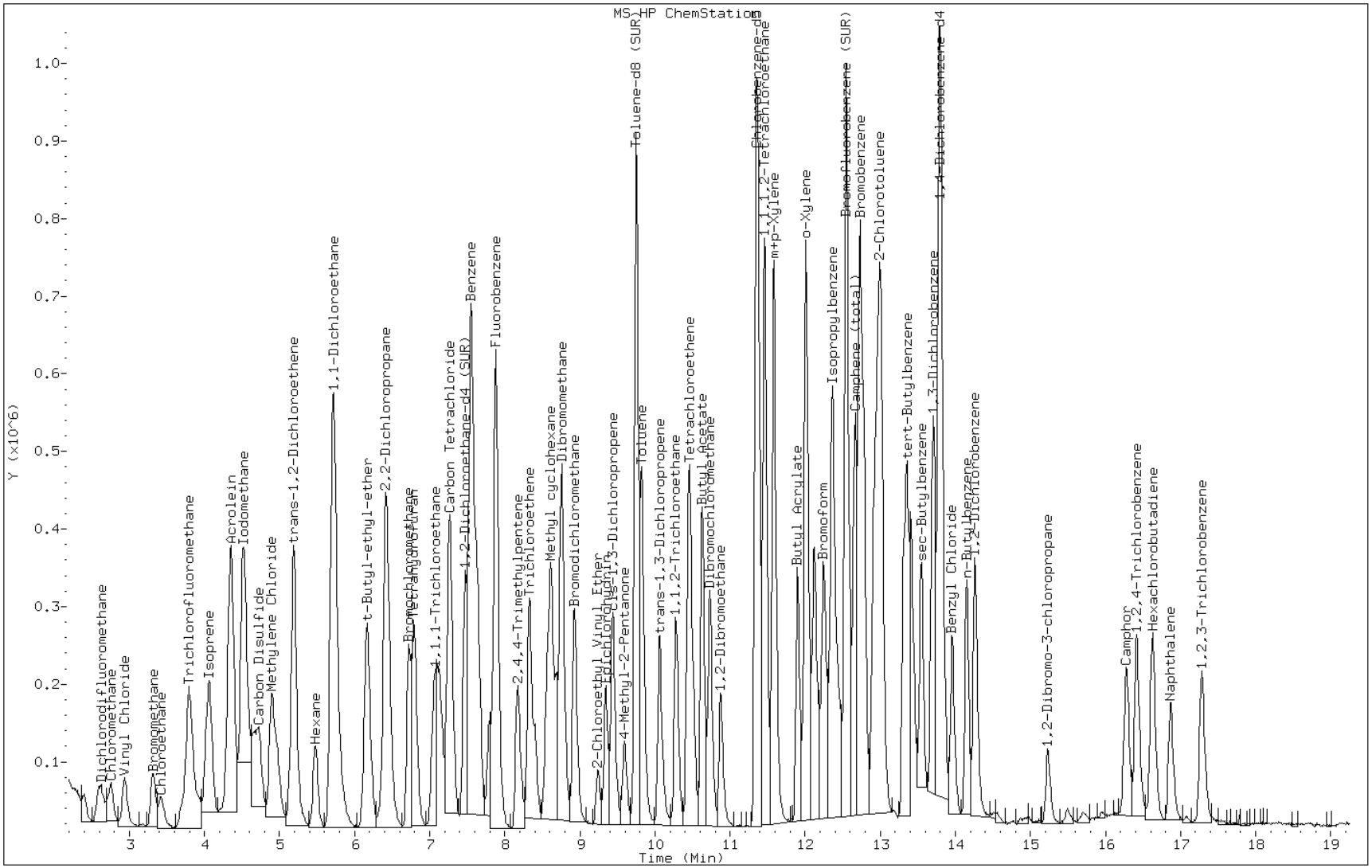
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: j98779.d

Date: 31-MAR-2011 10:07

Client ID: Instrument: VOAMS8.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-68728/4

Matrix: Solid | Lab File ID: o46700.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/28/2011 18:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.8		1.0	0.63
74-83-9	Bromomethane	22.8		1.0	0.41
75-01-4	Vinyl chloride	18.7		1.0	0.23
75-00-3	Chloroethane	21.8		1.0	0.40
75-09-2	Methylene Chloride	20.1		1.0	0.47
67-64-1	Acetone	32.2		10	3.7
75-15-0	Carbon disulfide	17.7		1.0	0.46
75-69-4	Trichlorofluoromethane	18.1		1.0	0.26
75-35-4	1,1-Dichloroethene	18.8		1.0	0.37
75-34-3	1,1-Dichloroethane	19.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.24
67-66-3	Chloroform	19.7		1.0	0.24
78-93-3	2-Butanone	23.1		10	0.57
107-06-2	1,2-Dichloroethane	19.4		1.0	0.39
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.19
56-23-5	Carbon tetrachloride	19.2		1.0	0.10
71-43-2	Benzene	19.1		1.0	0.74
75-25-2	Bromoform	17.8		1.0	0.70
100-42-5	Styrene	19.1		1.0	0.35
100-41-4	Ethylbenzene	19.3		1.0	0.19
108-90-7	Chlorobenzene	19.7		1.0	0.48
110-82-7	Cyclohexane	16.4		1.0	0.22
98-82-8	Isopropylbenzene	21.0		1.0	0.26
591-78-6	2-Hexanone	22.3		10	1.7
1634-04-4	MTBE	20.3		1.0	0.34
76-13-1	Freon TF	20.1		1.0	0.48
79-20-9	Methyl acetate	19.8		1.0	0.90
123-91-1	1,4-Dioxane	191		50	4.2
79-01-6	Trichloroethene	19.2		1.0	0.36
108-88-3	Toluene	18.8		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.5		1.0	0.22
108-10-1	4-Methyl-2-pentanone	22.3		10	0.72
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.64
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-68728/4

Matrix: Solid | Lab File ID: o46700.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/28/2011 18:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	20.4		1.0	0.65
78-87-5	1,2-Dichloropropane	18.9		1.0	0.32
108-87-2	Methylcyclohexane	16.3		1.0	0.27
127-18-4	Tetrachloroethene	19.5		1.0	0.33
1330-20-7	Xylenes, Total	57.5		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.59
124-48-1	Dibromochloromethane	19.8		1.0	0.56
106-93-4	1,2-Dibromoethane	20.5		1.0	0.52
75-71-8	Dichlorodifluoromethane	17.5		1.0	0.41
74-97-5	Bromochloromethane	20.0		1.0	0.27
75-27-4	Bromodichloromethane	19.9		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	74		70-138
2037-26-5	Toluene-d8 (Surr)	72		66-126
460-00-4	Bromofluorobenzene	77		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Lab Smp Id: LCSD
Inj Date : 28-MAR-2011 18:59
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 5 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				223442	38.9613	39
	90 Dichlorodifluoromethane	85	0.929	0.929	(0.230)	99483	17.4903	17
	1 Chloromethane	50	1.063	1.063	(0.263)	108771	17.8163	18
	4 Vinyl Chloride	62	1.087	1.087	(0.269)	109033	18.6799	19
	3 Bromomethane	94	1.270	1.270	(0.315)	74536	22.8044	23
	5 Chloroethane	64	1.325	1.325	(0.328)	87772	21.7673	22
	9 Trichlorofluoromethane	101	1.465	1.465	(0.363)	165266	18.1013	18
	121 n-Pentane	72	1.514	1.514	(0.375)	19092	19.8526	20
	127 Ethanol	46	1.593	1.593	(0.395)	63645	3349.61	3300
	46 Ethyl Ether	59	1.642	1.642	(0.407)	67538	20.4786	20
	119 Isoprene	67	1.648	1.648	(0.408)	139822	20.5978	20
	47 Acrolein	56	1.715	1.715	(0.425)	32014	113.087	110
	10 1,1-Dichloroethene	96	1.776	1.776	(0.440)	83905	18.8465	19
	48 Freon TF	101	1.776	1.776	(0.440)	99100	20.0931	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7	Acetone	43	1.813	1.813	(0.449)	25330	32.2153	32
142	Iodomethane	142	1.874	1.868	(0.464)	119663	20.3186	20
8	Carbon Disulfide	76	1.904	1.904	(0.472)	245906	17.7429	18
50	Acetonitrile	41	1.996	1.996	(0.494)	174259	546.549	550
125	Methyl acetate	74	2.020	2.020	(0.500)	18693	19.7755	20
6	Methylene Chloride	84	2.081	2.081	(0.515)	104521	20.1355	20
51	TBA	59	2.173	2.173	(0.538)	159442	461.655	460
52	Acrylonitrile	53	2.252	2.252	(0.558)	195110	166.464	170
12	trans-1,2-Dichloroethene	96	2.264	2.264	(0.561)	103156	19.1778	19
53	MTBE	73	2.270	2.270	(0.562)	240228	20.2629	20
49	Isopropanol	45	1.910	1.910	(0.473)	719825	3463.50	3500
54	Hexane	56	2.459	2.459	(0.609)	65633	15.5024	16
11	1,1-Dichloroethane	63	2.563	2.563	(0.635)	160639	19.0069	19
57	Vinyl Acetate	43	2.624	2.624	(0.650)	193921	20.7232	21
55	DIPE	45	2.624	2.624	(0.650)	264842	20.9667	21
149	tert-Butyl ethyl ether	59	2.904	2.904	(0.719)	261072	19.6642	20
104	2,2-Dichloropropane	77	3.008	3.008	(0.745)	148135	17.8510	18
13	cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	120286	19.7835	20
18	2-Butanone	72	3.038	3.032	(0.752)	10951	23.1205	23
56	Ethyl Acetate	70	3.087	3.093	(0.764)	15249	41.4571	41
108	Bromochloromethane	128	3.203	3.209	(0.793)	54803	20.0418	20
15	Chloroform	83	3.282	3.282	(0.813)	180077	19.6785	20
20	1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	157052	18.4863	18
59	Cyclohexane	56	3.471	3.477	(0.860)	146473	16.3528	16
21	Carbon Tetrachloride	117	3.575	3.575	(0.885)	134545	19.1604	19
92	1,1-Dichloropropene	75	3.581	3.581	(0.887)	133352	17.6496	18
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	125251	37.1078	37
28	Benzene	78	3.764	3.770	(0.932)	407368	19.0566	19
17	1,2-Dichloroethane	62	3.788	3.788	(0.938)	113329	19.3912	19
61	Isopropyl Acetate	43	3.880	3.880	(0.961)	303071	42.4952	42
140	tert-Amylmethyl Ether	73	3.898	3.898	(0.965)	246939	20.7811	21
* 69	Fluorobenzene	96	4.038	4.038	(1.000)	917979	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	4.379	4.373	(1.085)	42806	17.6575	18
25	Trichloroethene	95	4.410	4.410	(1.092)	111631	19.2357	19
63	n-Butanol	43	4.410	4.410	(1.092)	77229	1718.38	1700
96	Ethyl Acrylate	55	4.574	4.575	(1.133)	80739	17.4324	17
126	Methyl cyclohexane	83	4.605	4.605	(1.140)	183204	16.3083	16
23	1,2-Dichloropropane	63	4.648	4.648	(1.151)	89012	18.8783	19
109	Dibromomethane	93	4.763	4.770	(1.180)	55448	21.0475	21
95	1,4-Dioxane	88	4.824	4.812	(1.195)	9741	191.380	190
146	Methyl methacrylate	69	4.818	4.818	(1.193)	49247	20.7385	21
64	Propyl Acetate	43	4.904	4.904	(1.214)	172968	44.8234	45
22	Bromodichloromethane	83	4.959	4.965	(1.228)	122663	19.8749	20
30	2-Chloroethyl Vinyl Ether	63	5.343	5.349	(1.323)	5501	7.85463	7.8(R)
118	Epichlorohydrin	57	5.398	5.398	(1.337)	137598	465.259	460
24	cis-1,3-Dichloropropene	75	5.489	5.495	(1.359)	139832	18.8101	19
33	4-Methyl-2-Pentanone	43	5.715	5.715	(1.415)	55955	22.2642	22

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	541630	36.2475	36
	38 Toluene	91	5.891	5.891	(0.759)	476765	18.8064	19
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	119632	18.5289	18
	27 1,1,2-Trichloroethane	83	6.440	6.440	(0.830)	60562	19.4610	19
	35 Tetrachloroethene	166	6.592	6.599	(0.849)	135051	19.5091	20
	103 1,3-Dichloropropane	76	6.653	6.653	(0.857)	130143	19.4878	19
	34 2-Hexanone	43	6.830	6.830	(0.880)	38544	22.3206	22
	26 Dibromochloromethane	129	6.946	6.952	(0.895)	88252	19.8336	20
	65 Butyl Acetate	43	7.056	7.056	(0.909)	189506	45.5397	46
	66 1,2-Dibromoethane	107	7.074	7.074	(0.911)	79484	20.5227	20
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	648790	50.0000	
	39 Chlorobenzene	112	7.799	7.800	(1.005)	314182	19.6871	20
	97 1,1,1,2-Tetrachloroethane	131	7.946	7.952	(1.024)	100520	19.5025	20
	40 Ethylbenzene	106	8.007	8.007	(1.031)	165693	19.2729	19
	43 m+p-Xylene	106	8.190	8.196	(1.055)	416279	38.5772	38
	44 o-Xylene	106	8.787	8.787	(1.132)	197242	18.9098	19
	42 Styrene	104	8.818	8.818	(1.136)	322529	19.1312	19
	147 Butyl Acrylate	55	8.872	8.872	(0.773)	124623	15.5143	16
	31 Bromoform	173	9.055	9.055	(1.166)	56354	17.7737	18
	110 Isopropylbenzene	105	9.397	9.403	(1.210)	532596	20.9565	21
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	205643	38.3320	38
	150 Camphene	41	9.750	9.756	(0.850)	43293	17.9066	18
	107 Bromobenzene	156	9.799	9.799	(0.854)	134949	18.7271	19
	36 1,1,2,2-Tetrachloroethane	83	9.927	9.927	(0.865)	90989	18.0780	18
	99 1,2,3-Trichloropropane	110	9.945	9.945	(0.867)	31360	20.7250	21
	143 trans-1,4-Dichloro-2-butene	53	10.025	10.025	(2.483)	25045	21.2952	21
	112 n-Propylbenzene	91	10.073	10.073	(0.878)	602665	17.9352	18
	105 2-Chlorotoluene	91	10.153	10.153	(0.885)	350025	17.5893	18
	106 4-Chlorotoluene	91	10.342	10.342	(0.901)	366045	17.3937	17
	102 1,3,5-Trimethylbenzene	105	10.390	10.390	(0.905)	437102	17.7133	18
	148 Butyl methacrylate	69	10.677	10.677	(0.930)	115322	14.0755	14(R)
	115 tert-Butylbenzene	119	10.909	10.915	(0.951)	408556	18.3306	18
	100 1,2,4-Trimethylbenzene	105	11.000	11.000	(0.959)	448878	17.8416	18
	114 sec-Butylbenzene	105	11.274	11.274	(0.982)	596226	18.2989	18
	67 1,3-Dichlorobenzene	146	11.366	11.366	(0.990)	278218	18.9333	19
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.476	(1.000)	360335	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	283380	19.8100	20
	113 p-Isopropyltoluene	119	11.518	11.518	(1.004)	519314	18.4825	18
	69 1,2-Dichlorobenzene	146	11.982	11.982	(1.044)	259957	19.7523	20
	117 Benzyl chloride	91	11.719	11.720	(1.021)	162941	14.3430	14
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	466387	18.6630	19
	101 1,2-Dibromo-3-chloropropane	75	12.866	12.866	(1.121)	16025	18.5259	18
	152 Camphor	95	13.548	13.548	(1.181)	50787	107.902	110
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	217733	20.2794	20
	94 Hexachlorobutadiene	225	13.810	13.811	(1.203)	115606	19.6023	20
	70 Naphthalene	128	13.841	13.841	(1.206)	424041	22.2137	22
	98 1,2,3-Trichlorobenzene	180	14.042	14.048	(1.224)	196364	20.3640	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				613522	57.4955	57

QC Flag Legend

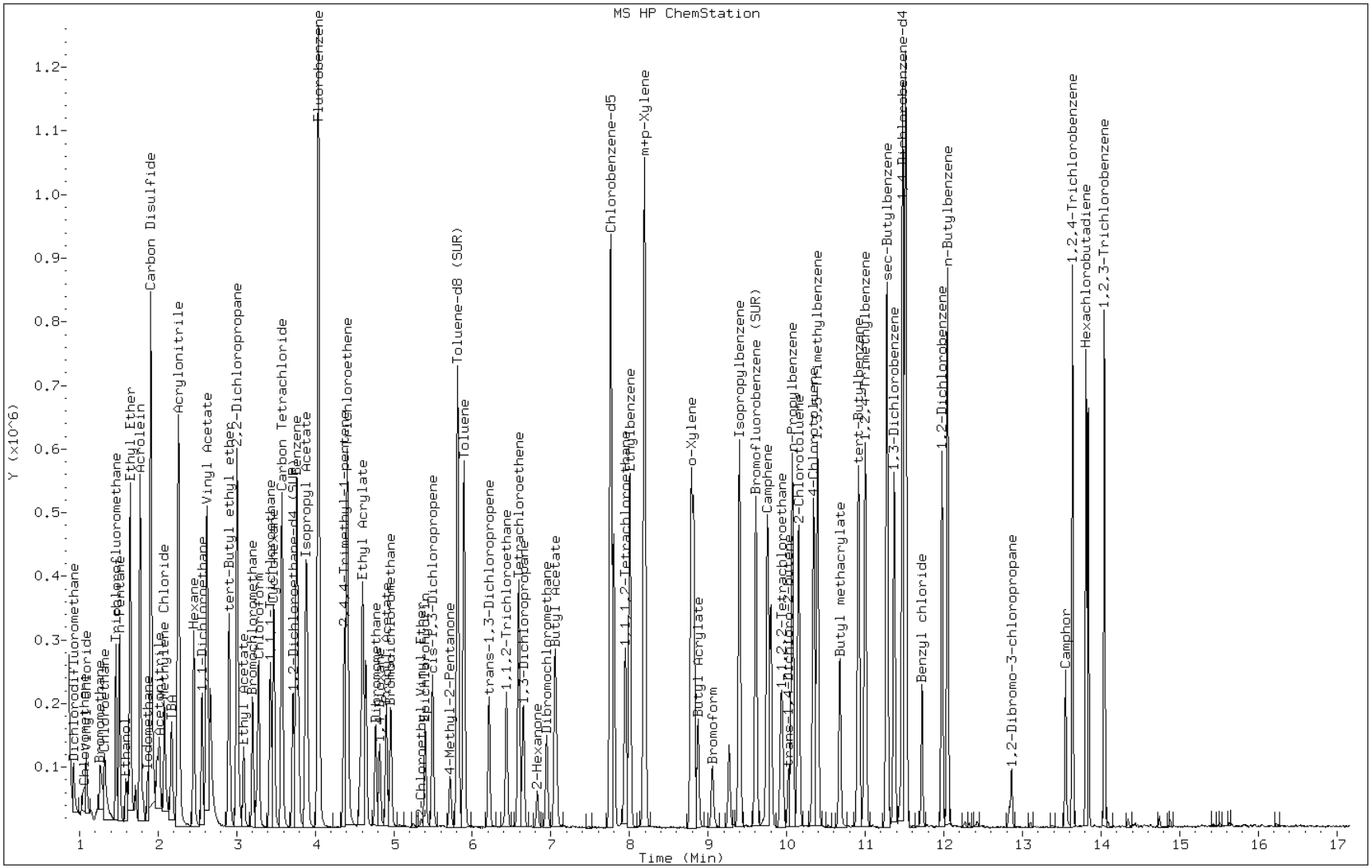
R - Spike/Surrogate failed recovery limits.

Data File: o46700.d

Date: 28-MAR-2011 18:59

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-68929/4

Matrix: Solid Lab File ID: o46752.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/30/2011 05:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68929 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.2		1.0	0.63
74-83-9	Bromomethane	21.6		1.0	0.41
75-01-4	Vinyl chloride	21.0		1.0	0.23
75-00-3	Chloroethane	22.4		1.0	0.40
75-09-2	Methylene Chloride	18.6		1.0	0.47
67-64-1	Acetone	25.5		10	3.7
75-15-0	Carbon disulfide	18.7		1.0	0.46
75-69-4	Trichlorofluoromethane	23.4		1.0	0.26
75-35-4	1,1-Dichloroethene	21.2		1.0	0.37
75-34-3	1,1-Dichloroethane	19.2		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.7		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.24
67-66-3	Chloroform	19.3		1.0	0.24
78-93-3	2-Butanone	19.7		10	0.57
107-06-2	1,2-Dichloroethane	17.5		1.0	0.39
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.19
56-23-5	Carbon tetrachloride	21.0		1.0	0.10
71-43-2	Benzene	18.8		1.0	0.74
75-25-2	Bromoform	15.9		1.0	0.70
100-42-5	Styrene	18.0		1.0	0.35
100-41-4	Ethylbenzene	19.2		1.0	0.19
108-90-7	Chlorobenzene	18.8		1.0	0.48
110-82-7	Cyclohexane	18.0		1.0	0.22
98-82-8	Isopropylbenzene	21.0		1.0	0.26
591-78-6	2-Hexanone	17.8		10	1.7
1634-04-4	MTBE	18.4		1.0	0.34
76-13-1	Freon TF	22.9		1.0	0.48
79-20-9	Methyl acetate	18.2		1.0	0.90
123-91-1	1,4-Dioxane	148		50	4.2
79-01-6	Trichloroethene	19.8		1.0	0.36
108-88-3	Toluene	18.5		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	17.1		1.0	0.22
108-10-1	4-Methyl-2-pentanone	17.6		10	0.72
10061-01-5	cis-1,3-Dichloropropene	17.5		1.0	0.20
95-50-1	1,2-Dichlorobenzene	18.3		1.0	0.64
541-73-1	1,3-Dichlorobenzene	18.2		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-68929/4

Matrix: Solid | Lab File ID: o46752.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/30/2011 05:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68929 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.4		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	18.1		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	17.8		1.0	0.65
78-87-5	1,2-Dichloropropane	16.9		1.0	0.32
108-87-2	Methylcyclohexane	18.5		1.0	0.27
127-18-4	Tetrachloroethene	21.6		1.0	0.33
1330-20-7	Xylenes, Total	56.7		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	16.3		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	16.2		1.0	0.76
79-00-5	1,1,2-Trichloroethane	18.1		1.0	0.59
124-48-1	Dibromochloromethane	19.0		1.0	0.56
106-93-4	1,2-Dibromoethane	18.1		1.0	0.52
75-71-8	Dichlorodifluoromethane	22.0		1.0	0.41
74-97-5	Bromochloromethane	19.0		1.0	0.27
75-27-4	Bromodichloromethane	18.8		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-138
2037-26-5	Toluene-d8 (Surr)	91		66-126
460-00-4	Bromofluorobenzene	97		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46752.d
Report Date: 30-Mar-2011 05:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46752.d
Lab Smp Id: LCSD
Inj Date : 30-MAR-2011 05:30
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/8260L_10.m
Meth Date : 30-Mar-2011 05:00 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14 1,2-Dichloroethene (total)	100				238285	38.6973	39
90 Dichlorodifluoromethane	85	0.923	0.923	(0.229)	134879	22.0370	22
1 Chloromethane	50	1.063	1.051	(0.264)	113215	17.2334	17
4 Vinyl Chloride	62	1.087	1.087	(0.270)	131674	20.9641	21
3 Bromomethane	94	1.258	1.258	(0.312)	75916	21.5845	22
5 Chloroethane	64	1.319	1.319	(0.327)	97160	22.3920	22
9 Trichlorofluoromethane	101	1.459	1.459	(0.362)	229525	23.3624	23
121 n-Pentane	72	1.508	1.502	(0.374)	24062	23.2511	23
127 Ethanol	46	1.593	1.587	(0.395)	51336	2510.77	2500
46 Ethyl Ether	59	1.636	1.636	(0.406)	66574	18.7594	19
119 Isoprene	67	1.642	1.642	(0.407)	168919	23.1250	23
47 Acrolein	56	1.709	1.709	(0.424)	27343	89.7607	90(a)
10 1,1-Dichloroethene	96	1.764	1.764	(0.438)	101385	21.1630	21
48 Freon TF	101	1.770	1.770	(0.439)	121533	22.8994	23

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46752.d
Report Date: 30-Mar-2011 05:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7	Acetone	43	1.807	1.807	(0.448)	21597	25.5261	26
142	Iodomethane	142	1.862	1.862	(0.462)	123465	19.4822	19
8	Carbon Disulfide	76	1.898	1.898	(0.471)	279065	18.7120	19
50	Acetonitrile	41	1.984	1.983	(0.492)	148245	432.092	430
125	Methyl acetate	74	2.014	2.014	(0.500)	18486	18.1739	18
6	Methylene Chloride	84	2.075	2.075	(0.515)	103620	18.5508	18
51	TBA	59	2.166	2.166	(0.537)	138159	371.752	370
52	Acrylonitrile	53	2.240	2.240	(0.555)	177425	140.674	140
12	trans-1,2-Dichloroethene	96	2.258	2.258	(0.560)	114277	19.7435	20
53	MTBE	73	2.264	2.264	(0.562)	235255	18.4407	18
49	Isopropanol	45	1.904	1.904	(0.472)	643404	2876.94	2900
54	Hexane	56	2.447	2.447	(0.607)	77609	17.0352	17
11	1,1-Dichloroethane	63	2.550	2.550	(0.633)	175042	19.2469	19
57	Vinyl Acetate	43	2.611	2.618	(0.648)	197794	19.6429	20
55	DIPE	45	2.618	2.618	(0.649)	261711	19.2541	19
149	tert-Butyl ethyl ether	59	2.898	2.898	(0.719)	256226	17.9348	18
104	2,2-Dichloropropane	77	2.996	2.995	(0.743)	169934	19.0302	19
13	cis-1,2-Dichloroethene	96	3.002	3.002	(0.744)	124007	18.9538	19
18	2-Butanone	72	3.026	3.026	(0.750)	10023	19.6641	20
56	Ethyl Acetate	70	3.081	3.087	(0.764)	13664	34.5221	34
108	Bromochloromethane	128	3.197	3.197	(0.793)	55867	18.9866	19
15	Chloroform	83	3.270	3.270	(0.811)	190293	19.3249	19
20	1,1,1-Trichloroethane	97	3.422	3.422	(0.849)	183004	20.0183	20
59	Cyclohexane	56	3.465	3.465	(0.859)	173408	17.9913	18
21	Carbon Tetrachloride	117	3.569	3.569	(0.885)	158308	20.9508	21
92	1,1-Dichloropropene	75	3.569	3.569	(0.885)	153509	18.8810	19
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	165951	45.6903	46
28	Benzene	78	3.758	3.758	(0.932)	432147	18.7866	19
17	1,2-Dichloroethane	62	3.776	3.776	(0.936)	110073	17.5026	18
61	Isopropyl Acetate	43	3.873	3.867	(0.961)	276588	36.0403	36
140	tert-Amylmethyl Ether	73	3.886	3.886	(0.964)	237805	18.5977	18
* 69	Fluorobenzene	96	4.032	4.032	(1.000)	987810	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	4.361	4.367	(1.082)	52592	20.1605	20
25	Trichloroethene	95	4.398	4.398	(1.091)	123422	19.7641	20
63	n-Butanol	43	4.398	4.398	(1.091)	67123	1440.64	1400
96	Ethyl Acrylate	55	4.562	4.562	(1.132)	68547	13.7538	14(R)
126	Methyl cyclohexane	83	4.593	4.593	(1.139)	223480	18.4872	18
23	1,2-Dichloropropane	63	4.635	4.635	(1.150)	85519	16.8554	17
109	Dibromomethane	93	4.757	4.757	(1.180)	52736	18.6030	19
95	1,4-Dioxane	88	4.812	4.806	(1.194)	8094	147.772	150
146	Methyl methacrylate	69	4.806	4.812	(1.192)	46443	18.1749	18
64	Propyl Acetate	43	4.891	4.891	(1.213)	153768	37.0307	37
22	Bromodichloromethane	83	4.952	4.952	(1.228)	124621	18.7647	19
30	2-Chloroethyl Vinyl Ether	63	5.337	5.343	(1.324)	19367	25.5265	26(R)
118	Epichlorohydrin	57	5.385	5.385	(1.336)	118599	372.668	370
24	cis-1,3-Dichloropropene	75	5.483	5.483	(1.360)	140124	17.5168	18
33	4-Methyl-2-Pentanone	43	5.702	5.702	(1.414)	47502	17.5647	18

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46752.d
Report Date: 30-Mar-2011 05:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.800	5.800	(0.748)	717239	45.6042	46
	38 Toluene	91	5.879	5.879	(0.759)	494082	18.5168	18
	29 trans-1,3-Dichloropropene	75	6.196	6.202	(0.799)	116233	17.1041	17
	27 1,1,2-Trichloroethane	83	6.428	6.428	(0.829)	59396	18.1336	18
	35 Tetrachloroethene	166	6.580	6.586	(0.849)	157719	21.6465	22
	103 1,3-Dichloropropane	76	6.641	6.641	(0.857)	122617	17.4445	17
	34 2-Hexanone	43	6.818	6.818	(0.880)	32429	17.8419	18
	26 Dibromochloromethane	129	6.934	6.940	(0.895)	88916	18.9854	19
	65 Butyl Acetate	43	7.044	7.043	(0.909)	163120	37.2426	37
	66 1,2-Dibromoethane	107	7.062	7.062	(0.911)	73588	18.0519	18
*	32 Chlorobenzene-d5	117	7.751	7.751	(1.000)	682870	50.0000	
	39 Chlorobenzene	112	7.793	7.793	(1.006)	315730	18.7967	19
	97 1,1,1,2-Tetrachloroethane	131	7.940	7.940	(1.024)	101390	18.6896	19
	40 Ethylbenzene	106	7.995	7.995	(1.031)	173506	19.1744	19
	43 m+p-Xylene	106	8.177	8.184	(1.055)	433509	38.1690	38
	44 o-Xylene	106	8.775	8.775	(1.132)	203788	18.5623	18
	42 Styrene	104	8.805	8.805	(1.136)	320147	18.0421	18
	147 Butyl Acrylate	55	8.860	8.860	(0.773)	109389	13.4811	13(R)
	31 Bromoform	173	9.043	9.043	(1.167)	53175	15.9341	16
	110 Isopropylbenzene	105	9.391	9.391	(1.212)	561464	20.9899	21
$	41 Bromofluorobenzene (SUR)	174	9.598	9.598	(0.837)	261848	48.3184	48
	150 Camphene	41	9.744	9.738	(0.850)	49049	20.0840	20
	107 Bromobenzene	156	9.787	9.787	(0.854)	135697	18.6418	19
	36 1,1,2,2-Tetrachloroethane	83	9.915	9.915	(0.865)	82271	16.1818	16
	99 1,2,3-Trichloropropane	110	9.933	9.933	(0.866)	27956	18.2904	18
	143 trans-1,4-Dichloro-2-butene	53	10.012	10.012	(2.483)	22699	17.9360	18
	112 n-Propylbenzene	91	10.061	10.061	(0.878)	628951	18.5295	18
	105 2-Chlorotoluene	91	10.140	10.140	(0.885)	349544	17.3888	17
	106 4-Chlorotoluene	91	10.329	10.329	(0.901)	362351	17.0453	17
	102 1,3,5-Trimethylbenzene	105	10.378	10.378	(0.905)	451469	18.1119	18
	148 Butyl methacrylate	69	10.665	10.665	(0.930)	104094	12.5774	12(R)
	115 tert-Butylbenzene	119	10.903	10.902	(0.951)	427669	18.9954	19
	100 1,2,4-Trimethylbenzene	105	10.988	10.988	(0.959)	445728	17.5385	18
	114 sec-Butylbenzene	105	11.262	11.262	(0.982)	629410	19.1234	19
	67 1,3-Dichlorobenzene	146	11.354	11.360	(0.990)	269699	18.1693	18
*	91 1,4-Dichlorobenzene-d4	152	11.463	11.463	(1.000)	363990	50.0000	
	68 1,4-Dichlorobenzene	146	11.494	11.494	(1.003)	265498	18.3736	18
	113 p-Isopropyltoluene	119	11.506	11.506	(1.004)	538850	18.9853	19
	69 1,2-Dichlorobenzene	146	11.969	11.969	(1.044)	243032	18.2809	18
	117 Benzyl chloride	91	11.713	11.713	(1.022)	153685	13.3924	13(R)
	111 n-Butylbenzene	91	12.043	12.043	(1.051)	472332	18.7111	19
	101 1,2-Dibromo-3-chloropropane	75	12.853	12.859	(1.121)	14214	16.2671	16
	152 Camphor	95	13.542	13.542	(1.181)	40163	84.4736	84
	93 1,2,4-Trichlorobenzene	180	13.634	13.634	(1.189)	196226	18.0928	18
	94 Hexachlorobutadiene	225	13.804	13.804	(1.204)	119489	20.0573	20
	70 Naphthalene	128	13.835	13.835	(1.207)	343105	17.7934	18
	98 1,2,3-Trichlorobenzene	180	14.036	14.042	(1.224)	173497	17.8119	18

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/30mar11.b/o46752.d
Report Date: 30-Mar-2011 05:52

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				637298	56.7430	57

QC Flag Legend

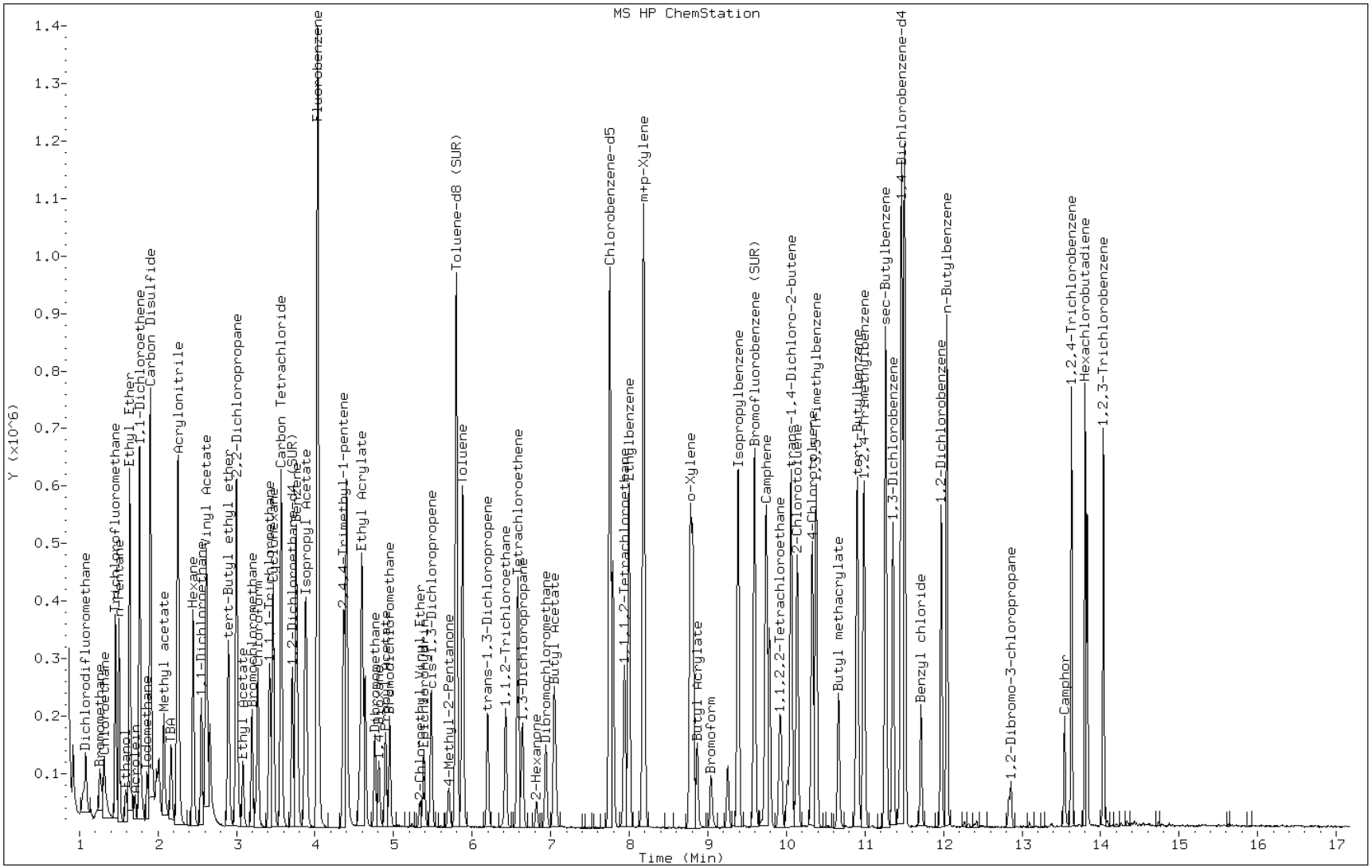
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: o46752.d

Date: 30-MAR-2011 05:30

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) MS | Lab Sample ID: 460-24279-2 MS

Matrix: Solid | Lab File ID: j98788.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) | Date Analyzed: 03/31/2011 14:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	935		100	21
74-83-9	Bromomethane	769		100	32
75-01-4	Vinyl chloride	888		100	12
75-00-3	Chloroethane	787		100	45
75-09-2	Methylene Chloride	905		100	19
67-64-1	Acetone	1200		1000	250
75-15-0	Carbon disulfide	769		100	15
75-69-4	Trichlorofluoromethane	705		100	16
75-35-4	1,1-Dichloroethene	773		100	14
75-34-3	1,1-Dichloroethane	990		100	10
156-60-5	trans-1,2-Dichloroethene	885		100	14
156-59-2	cis-1,2-Dichloroethene	964		100	20
67-66-3	Chloroform	966		100	16
78-93-3	2-Butanone	884	J	1000	83
107-06-2	1,2-Dichloroethane	1040		100	25
71-55-6	1,1,1-Trichloroethane	849		100	25
56-23-5	Carbon tetrachloride	734		100	18
71-43-2	Benzene	866		100	12
75-25-2	Bromoform	794		100	10
100-42-5	Styrene	857		100	14
100-41-4	Ethylbenzene	1140		100	25
108-90-7	Chlorobenzene	919		100	17
110-82-7	Cyclohexane	839		100	13
98-82-8	Isopropylbenzene	1260		100	21
591-78-6	2-Hexanone	752	J	1000	55
1634-04-4	MTBE	963		100	19
76-13-1	Freon TF	775		100	29
79-20-9	Methyl acetate	901		200	33
123-91-1	1,4-Dioxane	5510		5100	860
79-01-6	Trichloroethene	949		100	18
108-88-3	Toluene	862		100	9.6
10061-02-6	trans-1,3-Dichloropropene	834		100	12
108-10-1	4-Methyl-2-pentanone	837	J	1000	69
10061-01-5	cis-1,3-Dichloropropene	867		100	10
95-50-1	1,2-Dichlorobenzene	1080		100	16
541-73-1	1,3-Dichlorobenzene	981		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) MS | Lab Sample ID: 460-24279-2 MS

Matrix: Solid | Lab File ID: j98788.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) | Date Analyzed: 03/31/2011 14:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1010		100	15
120-82-1	1,2,4-Trichlorobenzene	2040		100	44
87-61-6	1,2,3-Trichlorobenzene	645		100	84
78-87-5	1,2-Dichloropropane	1000		100	8.8
108-87-2	Methylcyclohexane	1120		100	8.1
127-18-4	Tetrachloroethene	790		100	20
1330-20-7	Xylenes, Total	3180		300	44
96-12-8	1,2-Dibromo-3-Chloropropane	1390		100	16
79-34-5	1,1,2,2-Tetrachloroethane	2180		100	8.7
79-00-5	1,1,2-Trichloroethane	995		100	9.8
124-48-1	Dibromochloromethane	830		100	10
106-93-4	1,2-Dibromoethane	832		100	9.2
75-71-8	Dichlorodifluoromethane	537		100	29
74-97-5	Bromochloromethane	915		100	17
75-27-4	Bromodichloromethane	960		100	9.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		57-135
2037-26-5	Toluene-d8 (Surr)	67		46-130
460-00-4	Bromofluorobenzene	96		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) MSD | Lab Sample ID: 460-24279-2 MSD

Matrix: Solid | Lab File ID: j98792.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) | Date Analyzed: 03/31/2011 17:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1300		100	21
74-83-9	Bromomethane	1030		100	32
75-01-4	Vinyl chloride	1310		100	12
75-00-3	Chloroethane	1090		100	45
75-09-2	Methylene Chloride	873		100	19
67-64-1	Acetone	1150		1000	250
75-15-0	Carbon disulfide	782		100	15
75-69-4	Trichlorofluoromethane	1160		100	16
75-35-4	1,1-Dichloroethene	861		100	14
75-34-3	1,1-Dichloroethane	978		100	10
156-60-5	trans-1,2-Dichloroethene	900		100	14
156-59-2	cis-1,2-Dichloroethene	967		100	20
67-66-3	Chloroform	960		100	16
78-93-3	2-Butanone	944	J	1000	83
107-06-2	1,2-Dichloroethane	1030		100	25
71-55-6	1,1,1-Trichloroethane	903		100	25
56-23-5	Carbon tetrachloride	827		100	18
71-43-2	Benzene	845		100	12
75-25-2	Bromoform	728		100	10
100-42-5	Styrene	856		100	14
100-41-4	Ethylbenzene	1200		100	25
108-90-7	Chlorobenzene	936		100	17
110-82-7	Cyclohexane	1050		100	13
98-82-8	Isopropylbenzene	1410		100	21
591-78-6	2-Hexanone	724	J	1000	55
1634-04-4	MTBE	891		100	19
76-13-1	Freon TF	524		100	29
79-20-9	Methyl acetate	715		200	33
123-91-1	1,4-Dioxane	6080		5100	860
79-01-6	Trichloroethene	972		100	18
108-88-3	Toluene	849		100	9.6
10061-02-6	trans-1,3-Dichloropropene	845		100	12
108-10-1	4-Methyl-2-pentanone	891	J	1000	69
10061-01-5	cis-1,3-Dichloropropene	854		100	10
95-50-1	1,2-Dichlorobenzene	1200		100	16
541-73-1	1,3-Dichlorobenzene	1190		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) MSD | Lab Sample ID: 460-24279-2 MSD

Matrix: Solid | Lab File ID: j98792.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) | Date Analyzed: 03/31/2011 17:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1140		100	15
120-82-1	1,2,4-Trichlorobenzene	2180		100	44
87-61-6	1,2,3-Trichlorobenzene	748		100	84
78-87-5	1,2-Dichloropropane	997		100	8.8
108-87-2	Methylcyclohexane	1460		100	8.1
127-18-4	Tetrachloroethene	916		100	20
1330-20-7	Xylenes, Total	3390		300	44
96-12-8	1,2-Dibromo-3-Chloropropane	1480		100	16
79-34-5	1,1,2,2-Tetrachloroethane	2310		100	8.7
79-00-5	1,1,2-Trichloroethane	950		100	9.8
124-48-1	Dibromochloromethane	790		100	10
106-93-4	1,2-Dibromoethane	786		100	9.2
75-71-8	Dichlorodifluoromethane	1250		100	29
74-97-5	Bromochloromethane	969		100	17
75-27-4	Bromodichloromethane	970		100	9.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		57-135
2037-26-5	Toluene-d8 (Surr)	72		46-130
460-00-4	Bromofluorobenzene	113		50-124

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 02/14/2011 17:09

Analysis Batch Number: 64630 End Date: 02/15/2011 03:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-64630/1		02/14/2011 17:09	1	o45212.d	DB-624 0.18(mm)
ICIS 460-64630/2		02/14/2011 18:17	1	o45214.d	DB-624 0.18(mm)
IC 460-64630/3		02/14/2011 23:21	1	o45218.d	DB-624 0.18(mm)
IC 460-64630/4		02/14/2011 23:46	1	o45219.d	DB-624 0.18(mm)
IC 460-64630/5		02/15/2011 00:11	1	o45220.d	DB-624 0.18(mm)
IC 460-64630/6		02/15/2011 02:40	1	o45226.d	DB-624 0.18(mm)
IC 460-64630/7		02/15/2011 03:30	1	o45228.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/28/2011 16:44

Analysis Batch Number: 68728 End Date: 03/29/2011 03:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68728/1		03/28/2011 16:44	1	o46695.d	DB-624 0.18(mm)
CCVIS 460-68728/2		03/28/2011 17:31	1	o46697.d	DB-624 0.18(mm)
LCS 460-68728/3		03/28/2011 18:34	1	o46699.d	DB-624 0.18(mm)
LCSD 460-68728/4		03/28/2011 18:59	1	o46700.d	DB-624 0.18(mm)
MB 460-68728/5		03/28/2011 20:07	1	o46702.d	DB-624 0.18(mm)
ZZZZZ		03/28/2011 20:44	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 21:34	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 21:59	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 22:24	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 22:49	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 23:14	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 23:38	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 00:03	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 00:28	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 00:53	1		DB-624 0.18(mm)
460-24279-1	PMP-6-VD-E (3.5-4.0)	03/29/2011 01:18	1	o46714.d	DB-624 0.18(mm)
460-24279-4	PMP3-VD-E (3.5-4.0)	03/29/2011 01:43	1	o46715.d	DB-624 0.18(mm)
460-24279-6	PMP3-SI-E (10.5-11)	03/29/2011 02:33	1	o46717.d	DB-624 0.18(mm)
ZZZZZ		03/29/2011 02:57	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 03:22	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 03:47	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/30/2011 04:07

Analysis Batch Number: 68929 End Date: 03/30/2011 09:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68929/1		03/30/2011 04:07	1	o46749.d	DB-624 0.18(mm)
CCVIS 460-68929/2		03/30/2011 04:41	1	o46750.d	DB-624 0.18(mm)
LCS 460-68929/3		03/30/2011 05:05	1	o46751.d	DB-624 0.18(mm)
LCSD 460-68929/4		03/30/2011 05:30	1	o46752.d	DB-624 0.18(mm)
ZZZZZ		03/30/2011 06:35	1		DB-624 0.18(mm)
MB 460-68929/5		03/30/2011 06:59	1	o46755.d	DB-624 0.18(mm)
ZZZZZ		03/30/2011 07:24	1		DB-624 0.18(mm)
460-24279-5	PMP-3-WT-E (8.0-8.5)	03/30/2011 07:49	1	o46757.d	DB-624 0.18(mm)
460-24279-3	PMP-6-SI-E (10.5-11.0)	03/30/2011 08:14	1	o46758.d	DB-624 0.18(mm)
ZZZZZ		03/30/2011 09:04	1		DB-624 0.18(mm)
ZZZZZ		03/30/2011 09:28	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: VOAMS8 Start Date: 02/08/2011 06:28

Analysis Batch Number: 63928 End Date: 02/08/2011 18:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-63928/1		02/08/2011 06:28	1	j97499.d	DB-624 0.53(mm)
ICIS 460-63928/2		02/08/2011 06:54	1	j97500.d	DB-624 0.53(mm)
IC 460-63928/3		02/08/2011 07:19	1	j97501.d	DB-624 0.53(mm)
IC 460-63928/4		02/08/2011 07:45	1	j97502.d	DB-624 0.53(mm)
IC 460-63928/5		02/08/2011 08:11	1	j97503.d	DB-624 0.53(mm)
IC 460-63928/6		02/08/2011 10:24	1	j97508.d	DB-624 0.53(mm)
IC 460-63928/7		02/08/2011 11:41	1	j97511.d	DB-624 0.53(mm)
ZZZZZ		02/08/2011 12:27	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 12:53	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 13:44	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 14:16	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 14:42	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 15:08	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 15:34	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 15:59	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 16:25	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 16:51	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 17:16	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 17:42	100		DB-624 0.53(mm)
ZZZZZ		02/08/2011 18:08	100		DB-624 0.53(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: VOAMS8 Start Date: 03/31/2011 07:56

Analysis Batch Number: 69045 End Date: 03/31/2011 17:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-69045/1		03/31/2011 07:56	1	j98776.d	DB-624 0.53(mm)
CCVIS 460-69045/2		03/31/2011 08:19	1	j98777.d	DB-624 0.53(mm)
LCS 460-69045/3		03/31/2011 10:07	50	j98779.d	DB-624 0.53(mm)
MB 460-69045/4		03/31/2011 11:44	50	j98782.d	DB-624 0.53(mm)
ZZZZZ		03/31/2011 12:16	50		DB-624 0.53(mm)
460-24279-7	PMP-7-VD-E (3.5-4)	03/31/2011 12:48	50	j98784.d	DB-624 0.53(mm)
460-24279-8	PMP-7-WT-E (8-8.5)	03/31/2011 13:21	50	j98785.d	DB-624 0.53(mm)
460-24279-9	PMP-7-SI-E (10.5-11)	03/31/2011 13:53	50	j98786.d	DB-624 0.53(mm)
460-24279-2	PMP-6-WT-E (8.0-8.5)	03/31/2011 14:25	50	j98787.d	DB-624 0.53(mm)
460-24279-2 MS	PMP-6-WT-E (8.0-8.5) MS	03/31/2011 14:58	100	j98788.d	DB-624 0.53(mm)
ZZZZZ		03/31/2011 15:31	100		DB-624 0.53(mm)
460-24279-2 MSD	PMP-6-WT-E (8.0-8.5) MSD	03/31/2011 17:08	100	j98792.d	DB-624 0.53(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 67874 Batch Start Date: 03/18/11 21:18 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 03/18/11 21:26

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00021	
460-24279-D-2	PMP-6-WT-E (8.0-8.5)	5035, 8260B	T	33.56 g	39.16 g	5.6 g	5 mL	5 mL	
460-24279-B-7	PMP-7-VD-E (3.5-4)	5035, 8260B	T	33.55 g	38.61 g	5.06 g	5 mL	5 mL	
460-24279-D-8	PMP-7-WT-E (8-8.5)	5035, 8260B	T	33.27 g	38.80 g	5.53 g	5 mL	5 mL	
460-24279-B-9	PMP-7-SI-E (10.5-11)	5035, 8260B	T	33.36 g	42.83 g	9.47 g	5 mL	5 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 67877 Batch Start Date: 03/18/11 22:05 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 03/18/11 22:12

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-24279-D-1	PMP-6-VD-E (3.5-4.0)	5035, 8260B	T	34.53 g	40.44 g	5.91 g	5 mL		
460-24279-D-3	PMP-6-SI-E (10.5-11.0)	5035, 8260B	T	34.99 g	44.90 g	9.91 g	5 mL		
460-24279-D-4	PMP3-VD-E (3.5-4.0)	5035, 8260B	T	34.65 g	40.34 g	5.69 g	5 mL		
460-24279-D-5	PMP-3-WT-E (8.0-8.5)	5035, 8260B	T	35.70 g	41.12 g	5.42 g	5 mL		
460-24279-D-6	PMP3-SI-E (10.5-11)	5035, 8260B	T	34.80 g	45.53 g	10.73 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PMP-6-VD-E (3.5-4.0)	460-24279-1	78	86	78	74	88	84
PMP-6-WT-E (8.0-8.5) DL	460-24279-2 DL	0 D	0 D	0 D	0 D	0 D	0 D
PMP-6-SI-E (10.5-11.0)	460-24279-3	82	87	84	82	104	80
PMP3-VD-E (3.5-4.0)	460-24279-4	77	83	79	74	89	86
PMP-3-WT-E (8.0-8.5)	460-24279-5	76	82	77	75	89	82
PMP3-SI-E (10.5-11)	460-24279-6	74	79	76	74	85	85
PMP-7-VD-E (3.5-4)	460-24279-7	88	87	81	87	56	81
PMP-7-WT-E (8-8.5)	460-24279-8	98	109	96	103	67	94
PMP-7-SI-E (10.5-11)	460-24279-9	78	78	81	74	78	74
	MB 460-69007/1-A	71	79	73	69	83	75
	LCS 460-69007/2-A	70	76	75	73	88	75
PMP-6-VD-E (3.5-4.0) MS	460-24279-1 MS	68	72	71	73	88	76
PMP-6-VD-E (3.5-4.0) MSD	460-24279-1 MSD	70	74	74	75	91	78

	QC LIMITS
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15580.d

Lab ID: LCS 460-69007/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6680	5440	81	54-115	
2-Chlorophenol	6680	5140	77	56-110	
2-Methylphenol	6680	5560	83	54-117	
4-Methylphenol	6680	5490	82	47-103	
Benzaldehyde	3340	4310	129	10-160	
Acetophenone	3340	2920	87	40-95	
Bis(2-chloroethyl)ether	3340	2650	79	44-101	
2,2'-oxybis[1-chloropropane]	3340	2960	89	45-102	
N-Nitrosodi-n-propylamine	3340	3250	97	42-107	
Nitrobenzene	3340	2650	79	42-106	
Hexachloroethane	3340	2640	79	45-90	
Isophorone	3340	2580	77	48-97	
2-Nitrophenol	6680	5500	82	55-101	
2,4-Dimethylphenol	6680	5310	79	56-112	
2,4-Dichlorophenol	6680	5320	80	58-115	
Bis(2-chloroethoxy)methane	3340	2870	86	51-100	
Naphthalene	3340	2660	80	53-94	
4-Chloroaniline	3340	1800	54	10-96	
Hexachlorobutadiene	3340	2660	79	45-98	
Caprolactam	3340	2820	84	10-127	
4-Chloro-3-methylphenol	6680	5840	87	55-117	
2-Methylnaphthalene	3340	4670	140	51-98	*
Hexachlorobenzene	3340	2800	84	43-104	
Hexachlorocyclopentadiene	3340	2540	76	24-98	
2,4,6-Trichlorophenol	6680	5400	81	53-118	
2,4,5-Trichlorophenol	6680	5530	83	50-115	
Diphenyl	3340	2710	81	50-105	
2-Chloronaphthalene	3340	2650	79	51-102	
2-Nitroaniline	3340	2920	87	51-109	
2,6-Dinitrotoluene	3340	3340	100	51-115	
Dimethyl phthalate	3340	2970	89	52-112	
Acenaphthylene	3340	2650	79	51-103	
3-Nitroaniline	3340	2080	62	32-104	
Acenaphthene	3340	2750	82	46-100	
4-Nitrophenol	6680	6510	97	45-114	
2,4-Dinitrophenol	6680	6230	93	10-129	
Dibenzofuran	3340	2790	83	52-106	
Diethyl phthalate	3340	3050	91	52-114	
Fluorene	3340	2860	85	51-108	
Fluoranthene	3340	3230	97	49-108	
Di-n-butyl phthalate	3340	3210	96	50-108	
2,4-Dinitrotoluene	3340	3290	98	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15580.d

Lab ID: LCS 460-69007/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3340	2930	88	50-106	
4-Nitroaniline	3340	3700	111	45-106	*
4,6-Dinitro-2-methylphenol	6680	5850	88	10-110	
4-Bromophenyl phenyl ether	3340	2770	83	44-102	
Atrazine	3340	2970	89	30-100	
Anthracene	3340	2630	79	50-107	
Carbazole	3340	3090	93	49-104	
Phenanthrene	3340	2850	85	48-108	
Pentachlorophenol	6680	5790	87	19-113	
Pyrene	3340	2600	78	49-116	
Chrysene	3340	2710	81	45-114	
Benzo[k]fluoranthene	3340	2610	78	35-115	
Benzo[g,h,i]perylene	3340	2770	83	43-106	
Benzo[b]fluoranthene	3340	2830	85	33-96	
Benzo[a]pyrene	3340	2800	84	36-89	
Benzo[a]anthracene	3340	2800	84	46-112	
N-Nitrosodiphenylamine	3340	2840	85	49-106	
Butyl benzyl phthalate	3340	2920	87	49-117	
Bis(2-ethylhexyl) phthalate	3340	3040	91	49-119	
Di-n-octyl phthalate	3340	2780	83	40-106	
Indeno[1,2,3-cd]pyrene	3340	2960	89	43-109	
Dibenz(a,h)anthracene	3340	2990	89	43-107	
3,3'-Dichlorobenzidine	3340	2210	66	24-105	
1,2,4,5-Tetrachlorobenzene	3340	2590	77	70-130	
2,3,4,6-Tetrachlorophenol	3340	3110	93	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15589.d

Lab ID: 460-24279-1 MS Client ID: PMP-6-VD-E (3.5-4.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7060	350 U	5410	77	54-115	
2-Chlorophenol	7060	350 U	5100	72	56-110	
2-Methylphenol	7060	350 U	5510	78	54-117	
4-Methylphenol	7060	350 U	5480	78	47-103	
Benzaldehyde	3530	350 U	3070	87	10-160	
Acetophenone	3530	350 U	2910	83	40-95	
Bis(2-chloroethyl)ether	3530	35 U	2810	80	44-101	
2,2'-oxybis[1-chloropropane]	3530	350 U	2850	81	45-102	
N-Nitrosodi-n-propylamine	3530	35 U	3120	88	42-107	
Nitrobenzene	3530	35 U	2630	75	42-106	
Hexachloroethane	3530	35 U	2590	73	45-90	
Isophorone	3530	350 U	2950	83	48-97	
2-Nitrophenol	7060	350 U	5590	79	55-101	
2,4-Dimethylphenol	7060	350 U	5490	78	56-112	
2,4-Dichlorophenol	7060	350 U	5510	78	58-115	
Bis(2-chloroethoxy)methane	3530	350 U	2950	83	51-100	
Naphthalene	3530	350 U	2700	76	53-94	
4-Chloroaniline	3530	350 U	2150	61	10-96	
Hexachlorobutadiene	3530	71 U	2720	77	45-98	
Caprolactam	3530	350 U	2920	83	10-127	
4-Chloro-3-methylphenol	7060	350 U	5800	82	55-117	
2-Methylnaphthalene	3530	350 U	4700	133	51-98	F
Hexachlorobenzene	3530	35 U	2970	84	43-104	
Hexachlorocyclopentadiene	3530	350 U	2640	75	24-98	
2,4,6-Trichlorophenol	7060	350 U	5430	77	53-118	
2,4,5-Trichlorophenol	7060	350 U	5710	81	50-115	
Diphenyl	3530	350 U	2820	80	50-105	
2-Chloronaphthalene	3530	350 U	2760	78	51-102	
2-Nitroaniline	3530	710 U	2910	82	51-109	
2,6-Dinitrotoluene	3530	71 U	3460	98	51-115	
Dimethyl phthalate	3530	350 U	3070	87	52-112	
Acenaphthylene	3530	350 U	2750	78	51-103	
3-Nitroaniline	3530	710 U	2520	71	32-104	
Acenaphthene	3530	350 U	2850	81	46-100	
4-Nitrophenol	7060	1100 U	3900	55	45-114	
2,4-Dinitrophenol	7060	1100 U	6050	86	10-129	
Dibenzofuran	3530	350 U	2890	82	52-106	
Diethyl phthalate	3530	350 U	3160	90	52-114	
Fluorene	3530	350 U	2930	83	51-108	
Fluoranthene	3530	350 U	3320	94	49-108	
Di-n-butyl phthalate	3530	350 U	3310	94	50-108	
2,4-Dinitrotoluene	3530	71 U	3450	98	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15589.d

Lab ID: 460-24279-1 MS Client ID: PMP-6-VD-E (3.5-4.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3530	350 U	3030	86	50-106	
4-Nitroaniline	3530	710 U	3770	107	45-106	F
4,6-Dinitro-2-methylphenol	7060	1100 U	5960	84	10-110	
4-Bromophenyl phenyl ether	3530	350 U	2930	83	44-102	
Atrazine	3530	350 U	2950	84	30-100	
Anthracene	3530	350 U	2700	76	50-107	
Carbazole	3530	350 U	3160	89	49-104	
Phenanthrene	3530	350 U	2920	83	48-108	
Pentachlorophenol	7060	1100 U	5390	76	19-113	
Pyrene	3530	350 U	2660	75	49-116	
Chrysene	3530	350 U	2830	80	45-114	
Benzo[k]fluoranthene	3530	35 U	2930	83	35-115	
Benzo[g,h,i]perylene	3530	350 U	2920	83	43-106	
Benzo[b]fluoranthene	3530	35 U	3240	92	33-96	
Benzo[a]pyrene	3530	35 U	2930	83	36-89	
Benzo[a]anthracene	3530	35 U	2860	81	46-112	
N-Nitrosodiphenylamine	3530	350 U	2990	85	49-106	
Butyl benzyl phthalate	3530	350 U	3050	87	49-117	
Bis(2-ethylhexyl) phthalate	3530	350 U	3210	91	49-119	
Di-n-octyl phthalate	3530	350 U	2980	84	40-106	
Indeno[1,2,3-cd]pyrene	3530	35 U	3010	85	43-109	
Dibenz(a,h)anthracene	3530	35 U	3080	87	43-107	
3,3'-Dichlorobenzidine	3530	710 U	2300	65	24-105	
1,2,4,5-Tetrachlorobenzene	3530	350 U	2770	78	70-130	
2,3,4,6-Tetrachlorophenol	3530	350 U	3210	91	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15590.d

Lab ID: 460-24279-1 MSD Client ID: PMP-6-VD-E (3.5-4.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7040	5560	79	3	30	54-115	
2-Chlorophenol	7040	5330	76	4	30	56-110	
2-Methylphenol	7040	5800	82	5	30	54-117	
4-Methylphenol	7040	5700	81	4	30	47-103	
Benzaldehyde	3520	3340	95	8	30	10-160	
Acetophenone	3520	3020	86	4	30	40-95	
Bis(2-chloroethyl)ether	3520	2790	79	1	30	44-101	
2,2'-oxybis[1-chloropropane]	3520	2970	84	4	30	45-102	
N-Nitrosodi-n-propylamine	3520	3260	93	5	30	42-107	
Nitrobenzene	3520	2730	78	4	30	42-106	
Hexachloroethane	3520	2700	77	4	30	45-90	
Isophorone	3520	3040	86	3	30	48-97	
2-Nitrophenol	7040	5840	83	4	30	55-101	
2,4-Dimethylphenol	7040	5720	81	4	30	56-112	
2,4-Dichlorophenol	7040	5690	81	3	30	58-115	
Bis(2-chloroethoxy)methane	3520	3050	87	3	30	51-100	
Naphthalene	3520	2800	79	4	30	53-94	
4-Chloroaniline	3520	2110	60	2	30	10-96	
Hexachlorobutadiene	3520	2860	81	5	30	45-98	
Caprolactam	3520	2940	84	1	30	10-127	
4-Chloro-3-methylphenol	7040	6020	85	4	30	55-117	
2-Methylnaphthalene	3520	4880	139	4	30	51-98	F
Hexachlorobenzene	3520	3050	87	2	30	43-104	
Hexachlorocyclopentadiene	3520	2710	77	3	30	24-98	
2,4,6-Trichlorophenol	7040	5490	78	1	30	53-118	
2,4,5-Trichlorophenol	7040	6240	89	9	30	50-115	
Diphenyl	3520	2890	82	3	30	50-105	
2-Chloronaphthalene	3520	2870	82	4	30	51-102	
2-Nitroaniline	3520	3030	86	4	30	51-109	
2,6-Dinitrotoluene	3520	3580	102	4	30	51-115	
Dimethyl phthalate	3520	3120	89	2	30	52-112	
Acenaphthylene	3520	2810	80	2	30	51-103	
3-Nitroaniline	3520	2460	70	2	30	32-104	
Acenaphthene	3520	2950	84	3	30	46-100	
4-Nitrophenol	7040	4290	61	10	30	45-114	
2,4-Dinitrophenol	7040	6090	86	1	30	10-129	
Dibenzofuran	3520	2960	84	2	30	52-106	
Diethyl phthalate	3520	3260	93	3	30	52-114	
Fluorene	3520	3020	86	3	30	51-108	
Fluoranthene	3520	3430	98	3	30	49-108	
Di-n-butyl phthalate	3520	3470	99	5	30	50-108	
2,4-Dinitrotoluene	3520	3530	100	2	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15590.d

Lab ID: 460-24279-1 MSD Client ID: PMP-6-VD-E (3.5-4.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3520	3130	89	3	30	50-106	
4-Nitroaniline	3520	3900	111	4	30	45-106	F
4,6-Dinitro-2-methylphenol	7040	6010	85	1	30	10-110	
4-Bromophenyl phenyl ether	3520	3010	86	3	30	44-102	
Atrazine	3520	3140	89	6	30	30-100	
Anthracene	3520	2790	79	3	30	50-107	
Carbazole	3520	3280	93	4	30	49-104	
Phenanthrene	3520	3010	85	3	30	48-108	
Pentachlorophenol	7040	5450	77	1	30	19-113	
Pyrene	3520	2710	77	2	30	49-116	
Chrysene	3520	2970	84	5	30	45-114	
Benzo[k]fluoranthene	3520	3070	87	5	30	35-115	
Benzo[g,h,i]perylene	3520	2990	85	2	30	43-106	
Benzo[b]fluoranthene	3520	3190	91	2	30	33-96	
Benzo[a]pyrene	3520	3020	86	3	30	36-89	
Benzo[a]anthracene	3520	2980	85	4	30	46-112	
N-Nitrosodiphenylamine	3520	3040	86	2	30	49-106	
Butyl benzyl phthalate	3520	3160	90	3	30	49-117	
Bis(2-ethylhexyl) phthalate	3520	3350	95	4	30	49-119	
Di-n-octyl phthalate	3520	3070	87	3	30	40-106	
Indeno[1,2,3-cd]pyrene	3520	3170	90	5	30	43-109	
Dibenz(a,h)anthracene	3520	3130	89	2	30	43-107	
3,3'-Dichlorobenzidine	3520	2470	70	7	30	24-105	
1,2,4,5-Tetrachlorobenzene	3520	2810	80	2	30	70-130	
2,3,4,6-Tetrachlorophenol	3520	3280	93	2	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: z15581.d Lab Sample ID: MB 460-69007/1-A

Matrix: Solid Date Extracted: 03/30/2011 22:53

Instrument ID: BNAMS11 Date Analyzed: 03/31/2011 03:53

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-69007/2-A	z15580.d	03/31/2011 03:31
PMP-6-VD-E (3.5-4.0)	460-24279-1	z15583.d	03/31/2011 04:36
PMP-6-SI-E (10.5-11.0)	460-24279-3	z15585.d	03/31/2011 05:20
PMP3-VD-E (3.5-4.0)	460-24279-4	z15586.d	03/31/2011 05:41
PMP-3-WT-E (8.0-8.5)	460-24279-5	z15587.d	03/31/2011 06:03
PMP3-SI-E (10.5-11)	460-24279-6	z15588.d	03/31/2011 06:25
PMP-6-VD-E (3.5-4.0) MS	460-24279-1 MS	z15589.d	03/31/2011 06:46
PMP-6-VD-E (3.5-4.0) MSD	460-24279-1 MSD	z15590.d	03/31/2011 07:08
PMP-7-SI-E (10.5-11)	460-24279-9	z15592.d	03/31/2011 07:52
PMP-7-VD-E (3.5-4)	460-24279-7	z15595.d	03/31/2011 08:57
PMP-7-WT-E (8-8.5)	460-24279-8	z15605.d	03/31/2011 12:33
PMP-6-WT-E (8.0-8.5) DL	460-24279-2 DL	z15606.d	03/31/2011 12:55

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: z15276.d DFTPP Injection Date: 03/21/2011

Instrument ID: BNAMS11 DFTPP Injection Time: 10:59

Analysis Batch No.: 68049

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	41.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	45.4	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	49.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	28.5	
365	Greater than 1.0 % of mass 198	3.5	
441	Present but less than mass 443	10.7	
442	Greater than 40.0 % of mass 198	76.5	
443	17.0 - 23.0 % of mass 442	13.5	(17.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-68049/2	z15277.d	03/21/2011	11:14
	IC 460-68049/3	z15278.d	03/21/2011	11:46
	IC 460-68049/4	z15279.d	03/21/2011	12:07
	IC 460-68049/5	z15280.d	03/21/2011	12:29
	IC 460-68049/6	z15281.d	03/21/2011	12:51
	IC 460-68049/7	z15282.d	03/21/2011	13:13

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: z15577.d DFTPP Injection Date: 03/31/2011

Instrument ID: BNAMS11 DFTPP Injection Time: 02:30

Analysis Batch No.: 69101

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	46.8	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	51.4	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	28.8	
365	Greater than 1.0 % of mass 198	4.6	
441	Present but less than mass 443	10.8	
442	Greater than 40.0 % of mass 198	69.4	
443	17.0 - 23.0 % of mass 442	13.2	(19.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69101/2	z15578.d	03/31/2011	02:39
	LCS 460-69007/2-A	z15580.d	03/31/2011	03:31
	MB 460-69007/1-A	z15581.d	03/31/2011	03:53
PMP-6-VD-E (3.5-4.0)	460-24279-1	z15583.d	03/31/2011	04:36
PMP-6-SI-E (10.5-11.0)	460-24279-3	z15585.d	03/31/2011	05:20
PMP3-VD-E (3.5-4.0)	460-24279-4	z15586.d	03/31/2011	05:41
PMP-3-WT-E (8.0-8.5)	460-24279-5	z15587.d	03/31/2011	06:03
PMP3-SI-E (10.5-11)	460-24279-6	z15588.d	03/31/2011	06:25
PMP-6-VD-E (3.5-4.0) MS	460-24279-1 MS	z15589.d	03/31/2011	06:46
PMP-6-VD-E (3.5-4.0) MSD	460-24279-1 MSD	z15590.d	03/31/2011	07:08
PMP-7-SI-E (10.5-11)	460-24279-9	z15592.d	03/31/2011	07:52
PMP-7-VD-E (3.5-4)	460-24279-7	z15595.d	03/31/2011	08:57
PMP-7-WT-E (8-8.5)	460-24279-8	z15605.d	03/31/2011	12:33
PMP-6-WT-E (8.0-8.5) DL	460-24279-2 DL	z15606.d	03/31/2011	12:55

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Sample No.: CCVIS 460-69101/2 Date Analyzed: 03/31/2011 02:39

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z15578.d Heated Purge: (Y/N) N

Calibration ID: 10213

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		315871	2.39	1127478	3.73	506433	5.50
UPPER LIMIT		631742	2.89	2254956	4.23	1012866	6.00
LOWER LIMIT		157936	1.89	563739	3.23	253217	5.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-69007/2-A		362508	2.39	1323018	3.72	628066	5.50
MB 460-69007/1-A		430770	2.38	1645272	3.72	839302	5.49
460-24279-1	PMP-6-VD-E (3.5-4.0)	402562	2.39	1553059	3.72	777624	5.49
460-24279-3	PMP-6-SI-E (10.5-11.0)	340733	2.39	1204375	3.72	522341	5.50
460-24279-4	PMP3-VD-E (3.5-4.0)	397988	2.38	1510913	3.72	769417	5.49
460-24279-5	PMP-3-WT-E (8.0-8.5)	377453	2.38	1464142	3.72	738671	5.49
460-24279-6	PMP3-SI-E (10.5-11)	384979	2.38	1433078	3.72	705270	5.49
460-24279-1 MS	PMP-6-VD-E (3.5-4.0) MS	395689	2.39	1420853	3.73	665410	5.50
460-24279-1 MSD	PMP-6-VD-E (3.5-4.0) MSD	398838	2.39	1423082	3.73	667543	5.50
460-24279-9	PMP-7-SI-E (10.5-11)	318987	2.38	1095887	3.73	473301	5.50
460-24279-7	PMP-7-VD-E (3.5-4)	233139	2.39	777314	3.73	321795	5.52
460-24279-8	PMP-7-WT-E (8-8.5)	304137	2.39	1016493	3.73	407251	5.51
460-24279-2 DL	PMP-6-WT-E (8.0-8.5) DL	235707	2.39	750801	3.72	306061	5.50

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Sample No.: CCVIS 460-69101/2 Date Analyzed: 03/31/2011 02:39

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z15578.d Heated Purge: (Y/N) N

Calibration ID: 10213

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		633498	6.91	379236	9.43	253167	10.75
UPPER LIMIT		1266996	7.41	758472	9.93	506334	11.25
LOWER LIMIT		316749	6.41	189618	8.93	126584	10.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-69007/2-A		799142	6.92	530986	9.44	409177	10.75
MB 460-69007/1-A		1114383	6.91	709796	9.43	500795	10.74
460-24279-1	PMP-6-VD-E (3.5-4.0)	1038548	6.91	657931	9.43	445985	10.75
460-24279-3	PMP-6-SI-E (10.5-11.0)	745829	6.92	552001	9.43	407959	10.75
460-24279-4	PMP3-VD-E (3.5-4.0)	1000081	6.91	610715	9.43	426669	10.75
460-24279-5	PMP-3-WT-E (8.0-8.5)	967941	6.91	644649	9.43	440777	10.75
460-24279-6	PMP3-SI-E (10.5-11)	889763	6.91	530715	9.43	375748	10.75
460-24279-1 MS	PMP-6-VD-E (3.5-4.0) MS	844282	6.92	552468	9.44	421699	10.75
460-24279-1 MSD	PMP-6-VD-E (3.5-4.0) MSD	848745	6.92	568395	9.44	447297	10.75
460-24279-9	PMP-7-SI-E (10.5-11)	707103	6.92	521154	9.43	416294	10.75
460-24279-7	PMP-7-VD-E (3.5-4)	475176	6.94	338362	9.44	284849	10.75
460-24279-8	PMP-7-WT-E (8-8.5)	567362	6.92	355067	9.43	373868	10.76
460-24279-2 DL	PMP-6-WT-E (8.0-8.5) DL	410084	6.92	289410	9.43	359113	10.75

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-1

Matrix: Solid | Lab File ID: z15583.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/31/2011 04:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	50
106-44-5	4-Methylphenol	350	U	350	57
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.8
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	57
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	350	U	350	51
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	71	U	71	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	59
91-57-6	2-Methylnaphthalene	350	U *	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	62
95-95-4	2,4,5-Trichlorophenol	350	U	350	67
92-52-4	Diphenyl	350	U	350	58
91-58-7	2-Chloronaphthalene	350	U	350	49
88-74-4	2-Nitroaniline	710	U	710	96
606-20-2	2,6-Dinitrotoluene	71	U	71	8.9
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	710	U	710	79
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-1

Matrix: Solid | Lab File ID: z15583.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/31/2011 04:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	90
51-28-5	2,4-Dinitrophenol	1100	U	1100	74
132-64-9	Dibenzofuran	350	U	350	52
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	53
121-14-2	2,4-Dinitrotoluene	71	U	71	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	710	U *	710	72
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	62
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	62
86-74-8	Carbazole	350	U	350	56
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	60
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.5
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	46
117-84-0	Di-n-octyl phthalate	350	U	350	41
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	710	U	710	77
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) Lab Sample ID: 460-24279-1

Matrix: Solid Lab File ID: z15583.d

Analysis Method: 8270C Date Collected: 03/17/2011 12:35

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 04:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	84		16-151
118-79-6	2,4,6-Tribromophenol	88		10-120
367-12-4	2-Fluorophenol	78		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) Lab Sample ID: 460-24279-1

Matrix: Solid Lab File ID: z15583.d

Analysis Method: 8270C Date Collected: 03/17/2011 12:35

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 04:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15583.d
Report Date: 31-Mar-2011 12:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15583.d
Lab Smp Id: 460-24279-F-1-D Client Smp ID: PMP-6-VD-E (3.5-4.0
Inj Date : 31-MAR-2011 04:36
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-1-D
Misc Info : 460-24279-F-1-D
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	5.52846	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.357	1.322	(0.569)	974492	77.8329	5500
$ 17 Phenol-d5 (SUR)	99	2.145	2.151	(0.899)	1258894	86.1844	6100
2 2-Chlorophenol	128	2.198	2.204	(0.921)	1538	0.11384	8.0(aH)
* 79 1,4-Dichlorobenzene-d4	152	2.387	2.387	(1.000)	402562	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	2.957	2.975	(0.796)	632055	38.8470	2700
30 1,2,4-Trichlorobenzene	180	3.681	3.687	(0.990)	2007	0.14454	10(a)
* 80 Naphthalene-d8	136	3.716	3.728	(1.000)	1553059	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.881	4.887	(0.889)	1122813	36.8253	2600
* 82 Acenaphthene-d10	164	5.492	5.498	(1.000)	777624	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.263	6.269	(1.140)	284240	87.6534	6200
* 83 Phenanthrene-d10	188	6.910	6.910	(1.000)	1038548	40.0000	
115 n-Octadecane	57	7.010	6.986	(1.014)	2207	0.14095	9.9(a)
$ 78 Terphenyl-d14	244	8.492	8.492	(0.900)	747042	42.0916	3000

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15583.d
Report Date: 31-Mar-2011 12:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	9.433	9.433	(1.000)	657931	40.0000	
* 84 Perylene-d12	264	10.751	10.745	(1.000)	445985	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15583.d
Report Date: 31-Mar-2011 12:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15583.d
Lab Smp Id: 460-24279-F-1-D Client Smp ID: PMP-6-VD-E (3.5-4.0
Inj Date : 31-MAR-2011 04:36
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-1-D
Misc Info : 460-24279-F-1-D
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

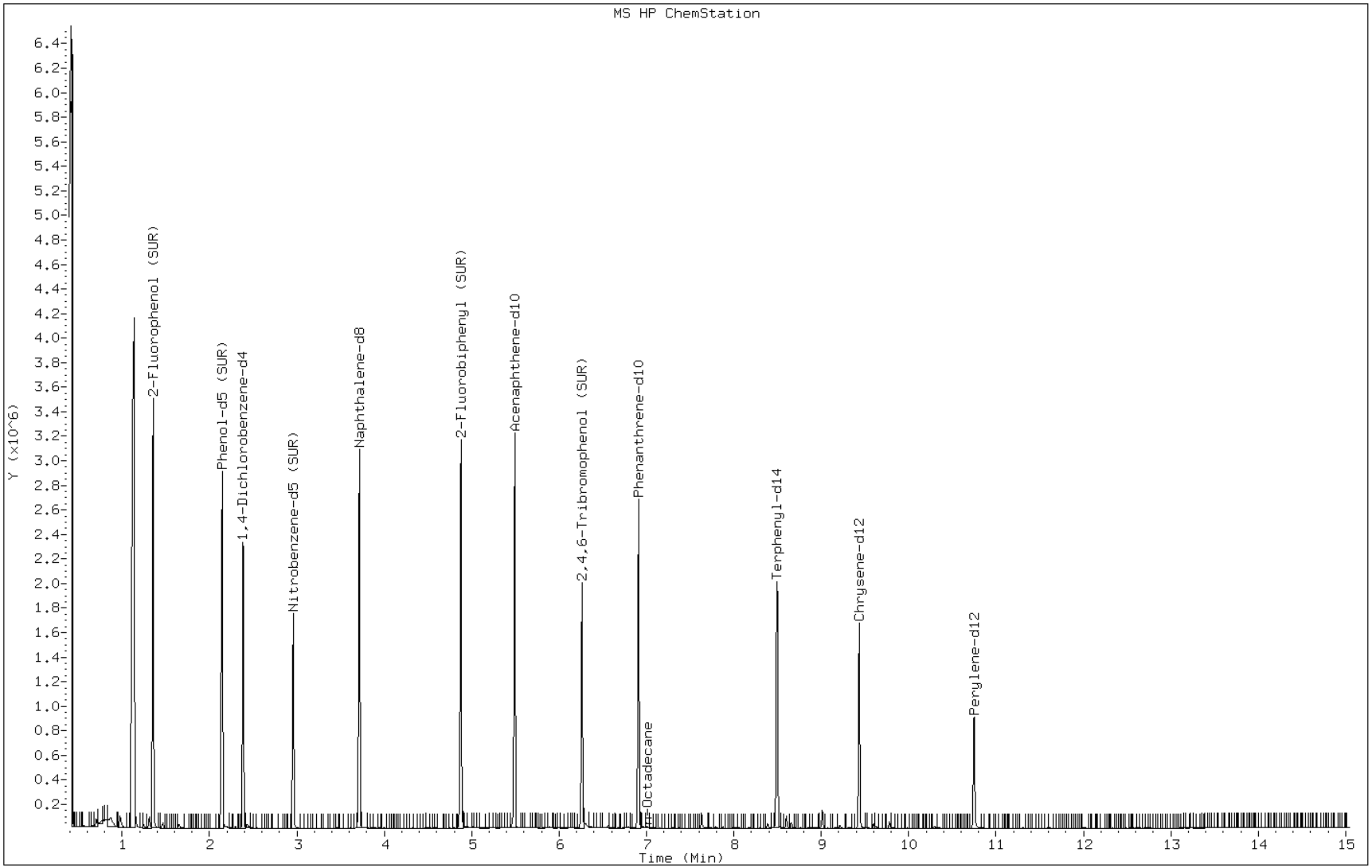
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z15583.d

Date: 31-MAR-2011 04:36

Client ID: PMP-6-VD-E (3.5-4.0 Instrument: BNAMS11.i

Sample Info: 460-24279-F-1-D Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) DL | Lab Sample ID: 460-24279-2 DL

Matrix: Solid | Lab File ID: z15606.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.97(g) | Date Analyzed: 03/31/2011 12:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3700	U	3700	460
95-57-8	2-Chlorophenol	3700	U	3700	500
95-48-7	2-Methylphenol	3700	U	3700	540
106-44-5	4-Methylphenol	3700	U	3700	610
100-52-7	Benzaldehyde	3700	U	3700	230
98-86-2	Acetophenone	3700	U	3700	560
111-44-4	Bis(2-chloroethyl)ether	370	U	370	78
108-60-1	2,2'-oxybis[1-chloropropane]	3700	U	3700	490
621-64-7	N-Nitrosodi-n-propylamine	370	U	370	50
98-95-3	Nitrobenzene	370	U	370	84
67-72-1	Hexachloroethane	370	U	370	63
78-59-1	Isophorone	3700	U	3700	430
88-75-5	2-Nitrophenol	3700	U	3700	620
105-67-9	2,4-Dimethylphenol	3700	U	3700	600
120-83-2	2,4-Dichlorophenol	3700	U	3700	600
111-91-1	Bis(2-chloroethoxy)methane	3700	U	3700	540
91-20-3	Naphthalene	3600	J D	3700	550
106-47-8	4-Chloroaniline	3700	U	3700	470
87-68-3	Hexachlorobutadiene	760	U	760	150
105-60-2	Caprolactam	3700	U	3700	520
59-50-7	4-Chloro-3-methylphenol	3700	U	3700	630
91-57-6	2-Methylnaphthalene	30000	D *	3700	550
118-74-1	Hexachlorobenzene	370	U	370	52
77-47-4	Hexachlorocyclopentadiene	3700	U	3700	1100
88-06-2	2,4,6-Trichlorophenol	3700	U	3700	670
95-95-4	2,4,5-Trichlorophenol	3700	U	3700	720
92-52-4	Diphenyl	3600	J D	3700	620
91-58-7	2-Chloronaphthalene	3700	U	3700	530
88-74-4	2-Nitroaniline	7600	U	7600	1000
606-20-2	2,6-Dinitrotoluene	760	U	760	95
131-11-3	Dimethyl phthalate	3700	U	3700	510
208-96-8	Acenaphthylene	3700	U	3700	540
99-09-2	3-Nitroaniline	7600	U	7600	850
83-32-9	Acenaphthene	1700	J D	3700	530

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) DL | Lab Sample ID: 460-24279-2 DL

Matrix: Solid | Lab File ID: z15606.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.97(g) | Date Analyzed: 03/31/2011 12:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	11000	U	11000	960
51-28-5	2,4-Dinitrophenol	11000	U	11000	800
132-64-9	Dibenzofuran	1100	J D	3700	560
84-66-2	Diethyl phthalate	3700	U	3700	500
86-73-7	Fluorene	3500	J D	3700	640
206-44-0	Fluoranthene	3700	U	3700	620
84-74-2	Di-n-butyl phthalate	3700	U	3700	570
121-14-2	2,4-Dinitrotoluene	760	U	760	110
7005-72-3	4-Chlorophenyl phenyl ether	3700	U	3700	650
100-01-6	4-Nitroaniline	7600	U *	7600	770
534-52-1	4,6-Dinitro-2-methylphenol	11000	U	11000	1800
101-55-3	4-Bromophenyl phenyl ether	3700	U	3700	670
1912-24-9	Atrazine	3700	U	3700	700
120-12-7	Anthracene	3700	U	3700	660
86-74-8	Carbazole	3700	U	3700	600
85-01-8	Phenanthrene	6900	D	3700	650
87-86-5	Pentachlorophenol	11000	U	11000	1800
129-00-0	Pyrene	3700	U	3700	650
218-01-9	Chrysene	3700	U	3700	550
207-08-9	Benzo[k]fluoranthene	370	U	370	53
191-24-2	Benzo[g,h,i]perylene	3700	U	3700	400
205-99-2	Benzo[b]fluoranthene	370	U	370	56
50-32-8	Benzo[a]pyrene	370	U	370	46
56-55-3	Benzo[a]anthracene	370	U	370	69
86-30-6	N-Nitrosodiphenylamine	3700	U	3700	610
85-68-7	Butyl benzyl phthalate	3700	U	3700	440
117-81-7	Bis(2-ethylhexyl) phthalate	3700	U	3700	500
117-84-0	Di-n-octyl phthalate	3700	U	3700	450
193-39-5	Indeno[1,2,3-cd]pyrene	370	U	370	60
53-70-3	Dibenz(a,h)anthracene	370	U	370	45
91-94-1	3,3'-Dichlorobenzidine	7600	U	7600	830
95-94-3	1,2,4,5-Tetrachlorobenzene	3700	U	3700	500
58-90-2	2,3,4,6-Tetrachlorophenol	3700	U	3700	750

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) DL | Lab Sample ID: 460-24279-2 DL

Matrix: Solid | Lab File ID: z15606.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.97(g) | Date Analyzed: 03/31/2011 12:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	0	D	38-105
4165-62-2	Phenol-d5	0	D	41-118
1718-51-0	Terphenyl-d14	0	D	16-151
118-79-6	2,4,6-Tribromophenol	0	D	10-120
367-12-4	2-Fluorophenol	0	D	37-125
321-60-8	2-Fluorobiphenyl	0	D	40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) DL | Lab Sample ID: 460-24279-2 DL

Matrix: Solid | Lab File ID: z15606.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.97(g) | Date Analyzed: 03/31/2011 12:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 1.317e+006

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C11H24 Alkane	3.12	33000	D J
	C12H26 Alkane	3.87	50000	D J
2051-30-1	Octane, 2,6-dimethyl-	4.34	44000	D J N
	Unknown Alkane	4.52	77000	D J
	Unknown Alkane-2	4.95	77000	D J
	C14H30 Alkane	5.10	120000	D J
	Dimethylnaphthalene isomer	5.13	43000	D J
575-41-7	1,3-Dimethylnaphthalene	5.20	58000	D
	Unknown Alkane-3	5.41	71000	D J
	Unknown-4	5.43	33000	D J
	C15H32 Alkane	5.62	120000	D J
	Trimethylnaphthalene isomer	5.78	28000	D J
	Trimethylnaphthalene isomer-2	5.85	46000	D J
	Unknown Cycloalkane	5.87	40000	D J
	Trimethylnaphthalene isomer-3	5.93	28000	D J
	C16H34 Alkane	6.11	110000	D J
	Unknown Alkane-4	6.32	70000	D J
	Unknown Alkane-5	6.59	160000	D J
593-45-3	n-Octadecane	7.00	71000	D
	Unknown Alkane-6	7.02	38000	D J

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15606.d
Report Date: 31-Mar-2011 14:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15606.d
Lab Smp Id: 460-24279-F-2-B Client Smp ID: PMP-6-WT-E (8.0-8.5
Inj Date : 31-MAR-2011 12:55
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-2-B
Misc Info : 460-24279-F-2-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 30
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.97000	Weight of sample extracted (g)
M	11.67147	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	113 n-decane	43	2.304	2.304	(0.965)	249645	28.6619	22000
*	79 1,4-Dichlorobenzene-d4	152	2.387	2.387	(1.000)	235707	40.0000	
	23 1,2-Dichlorobenzene	146	2.545	2.546	(1.067)	1394	0.15092	110(a)
	30 1,2,4-Trichlorobenzene	180	3.687	3.687	(0.990)	16726	2.49174	1900
*	80 Naphthalene-d8	136	3.722	3.728	(1.000)	750801	40.0000	
	31 Naphthalene	128	3.745	3.745	(1.006)	97891	4.75705	3600(a)
	34 2-Methylnaphthalene	142	4.486	4.475	(1.205)	461457	39.1090	30000
	120 1-Methylnaphthalene	142	4.575	4.569	(1.229)	369167	32.0390	24000
	102 Diphenyl	154	4.975	4.969	(0.904)	58556	4.77049	3600(aH)
	125 1,3-Dimethylnaphthalene	156	5.198	5.192	(0.944)	594580	77.1869	58000
*	82 Acenaphthene-d10	164	5.504	5.498	(1.000)	306061	40.0000	
	42 Acenaphthene	154	5.533	5.528	(1.005)	18881	2.28352	1700(a)
	43 Dibenzofuran	168	5.710	5.698	(1.037)	17477	1.46309	1100(a)

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15606.d
Report Date: 31-Mar-2011 14:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	47 Fluorene	166	6.039	6.028	(1.097)	41380	4.62038	3500(a)
*	83 Phenanthrene-d10	188	6.922	6.910	(1.000)	410084	40.0000	
	52 Phenanthrene	178	6.939	6.933	(1.003)	106218	9.13760	6900
	115 n-Octadecane	57	6.998	6.986	(1.011)	576525	93.2443	70000
	57 Pyrene	202	8.269	8.263	(0.877)	6562	0.55964	420(a)
*	81 Chrysene-d12	240	9.433	9.433	(1.000)	289410	40.0000	
*	84 Perylene-d12	264	10.751	10.745	(1.000)	359113	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15606.d
Report Date: 31-Mar-2011 14:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15606.d
Lab Smp Id: 460-24279-F-2-B Client Smp ID: PMP-6-WT-E (8.0-8.5
Inj Date : 31-MAR-2011 12:55
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-2-B
Misc Info : 460-24279-F-2-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 30
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.97000	Weight of sample extracted (g)
M	11.67147	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	3.722	2936227	40.000
* 82 Acenaphthene-d10	5.504	2034206	40.000
* 83 Phenanthrene-d10	6.922	2177269	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C11H24 Alkane				CAS #:			
3.122	3156358	42.9988300	32000	0	0	0	80

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15606.d
Report Date: 31-Mar-2011 14:49

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
trans-Decalin, 2-methyl-					CAS #: 1000152-47-3		
3.222	1732342	23.5995607	18000	97	NIST02.l	24310	80
1-Methyldecahydronaphthalene					CAS #: 2958-75-0		
3.339	1942371	26.4607677	20000	97	NIST02.l	24317	80
C12H26 Alkane					CAS #:		
3.875	4863197	66.2509674	50000	0		0	80
C13H28 Alkane					CAS #:		
3.957	2562481	34.9084847	26000	0		0	80
Unknown					CAS #:		
4.286	2449866	33.3743334	25000	0		0	80
Octane, 2,6-dimethyl-					CAS #: 2051-30-1		
4.339	4222382	57.5211939	44000	86	NIST02.l	18443	80
Unknown-2					CAS #:		
4.363	1799941	24.5204568	18000	0		0	80
Unknown-3					CAS #:		
4.445	1828118	24.9043073	19000	0		0	80
Unknown Alkane					CAS #:		
4.522	7455685	101.568224	77000	0		0	80
Unknown Alkane-2					CAS #:		
4.951	5163036	101.524301	77000	0		0	82
Ethylnaphthalene isomer					CAS #:		
5.057	1827179	35.9290604	27000	0		0	82
C14H30 Alkane					CAS #:		
5.098	7765648	152.701240	120000	0		0	82
Dimethylnaphthalene isomer					CAS #:		
5.133	2917628	57.3713159	43000	0		0	82
Unknown Alkane-3					CAS #:		
5.410	4750847	93.4191422	71000	0		0	82
Unknown-4					CAS #:		
5.428	2234968	43.9476933	33000	0		0	82

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15606.d
Report Date: 31-Mar-2011 14:49

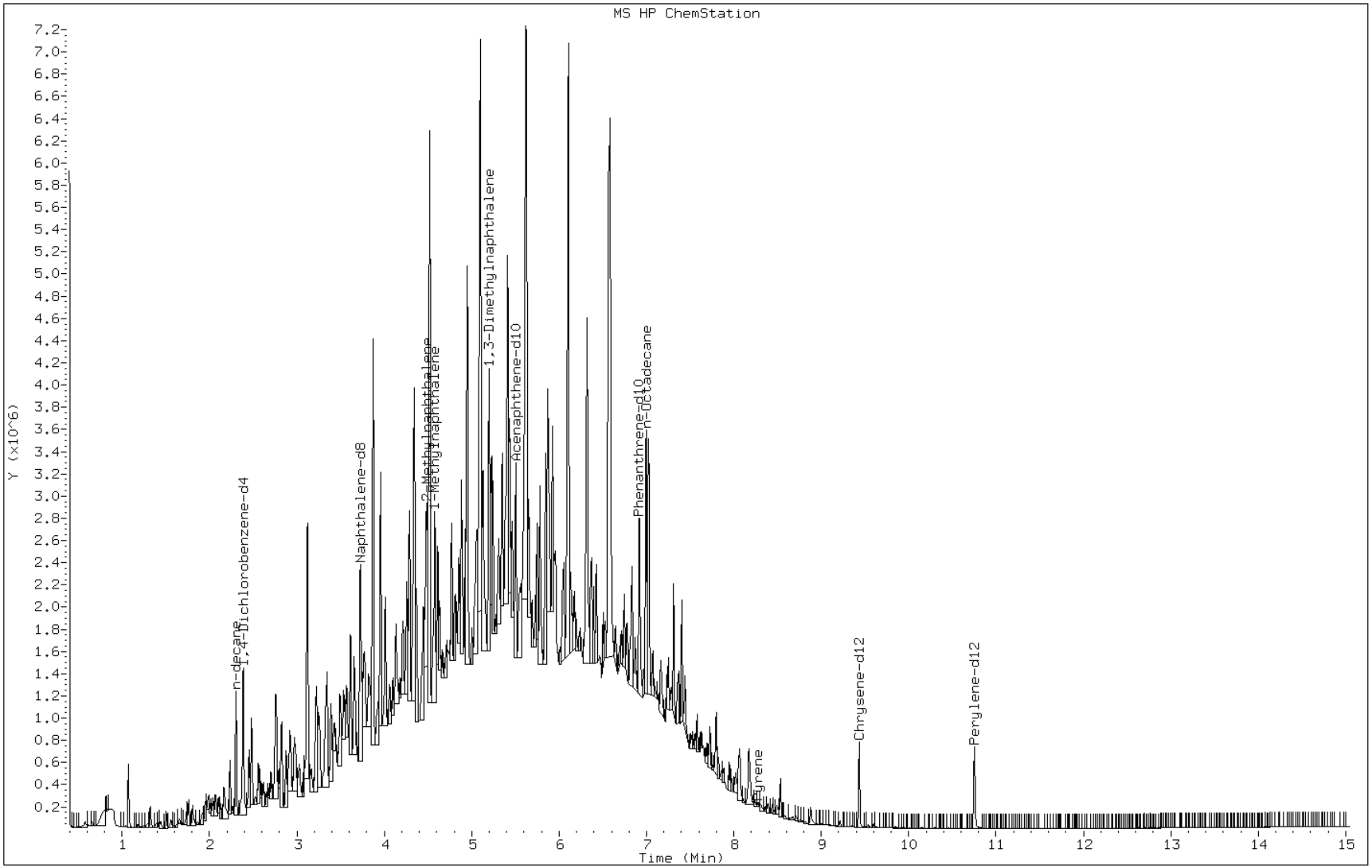
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C15H32 Alkane					CAS #:		
5.622	8122817	159.724497	120000	0		0	82
Trimethylnaphthalene isomer					CAS #:		
5.780	1887483	37.1148601	28000	0		0	82
Trimethylnaphthalene isomer-2					CAS #:		
5.851	3083304	60.6291090	46000	0		0	82
Unknown Cycloalkane					CAS #:		
5.875	2704775	53.1858279	40000	0		0	82
Trimethylnaphthalene isomer-3					CAS #:		
5.928	1861431	36.6025906	28000	0		0	82
C16H34 Alkane					CAS #:		
6.110	7585261	149.154155	110000	0		0	82
Unknown Alkane-4					CAS #:		
6.322	5004288	91.9369603	70000	0		0	83
Unknown Alkane-5					CAS #:		
6.586	11262466	206.909953	160000	0		0	83
Unknown Alkane-6					CAS #:		
7.022	2748148	50.4879798	38000	0		0	83

Data File: z15606.d

Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4



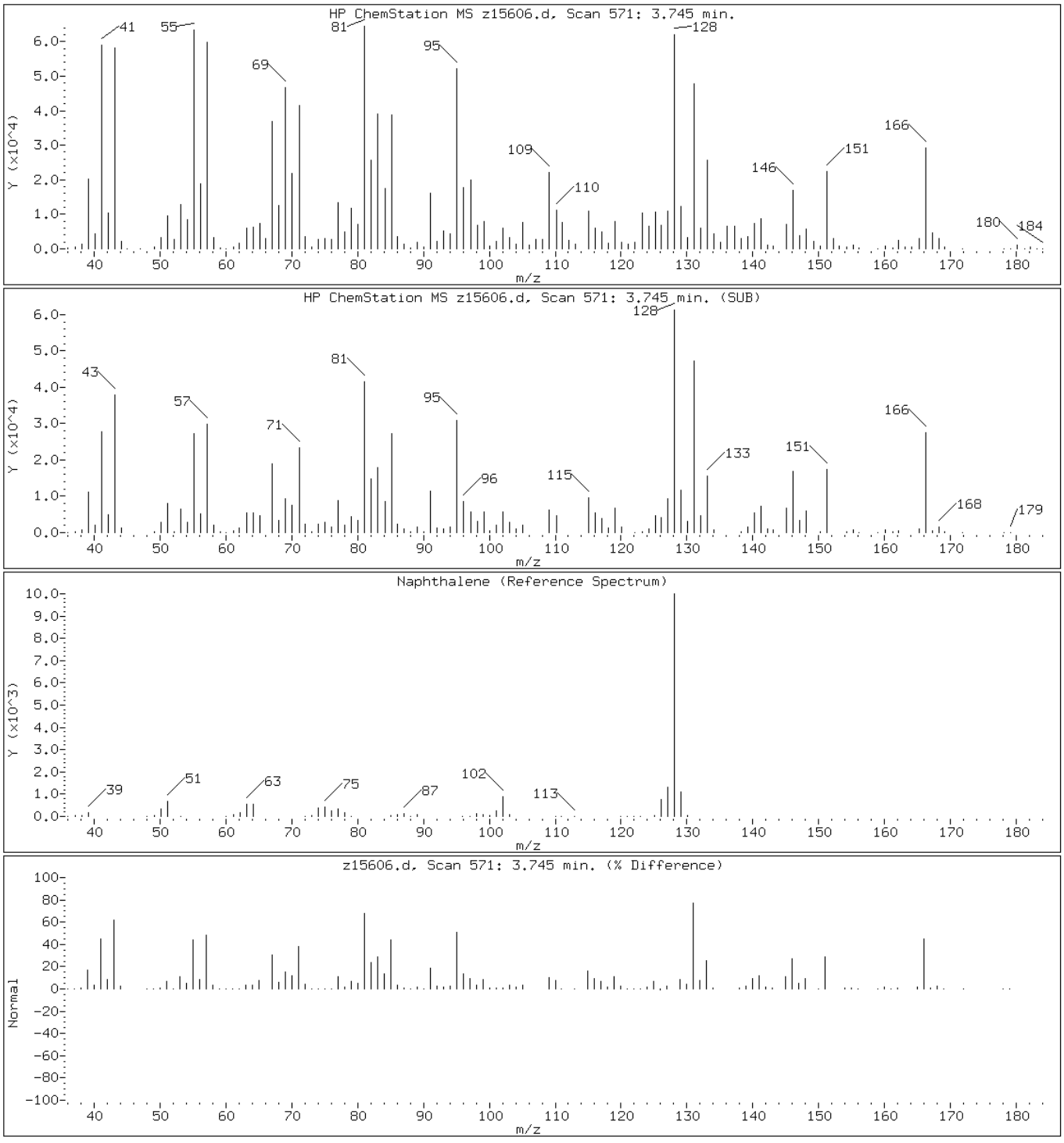
Data File: z15606.d

Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

31 Naphthalene



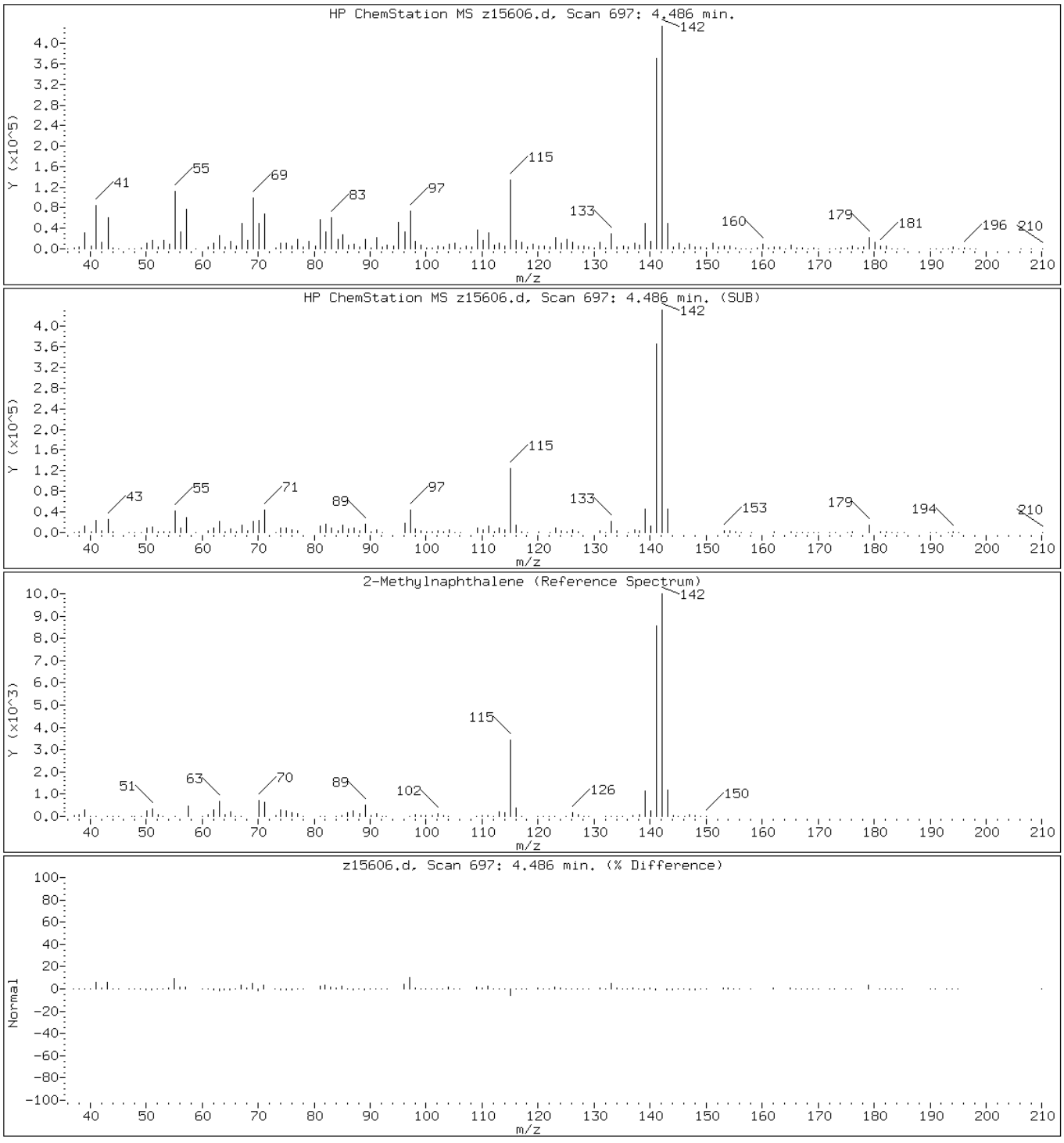
Data File: z15606.d

Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

34 2-Methylnaphthalene



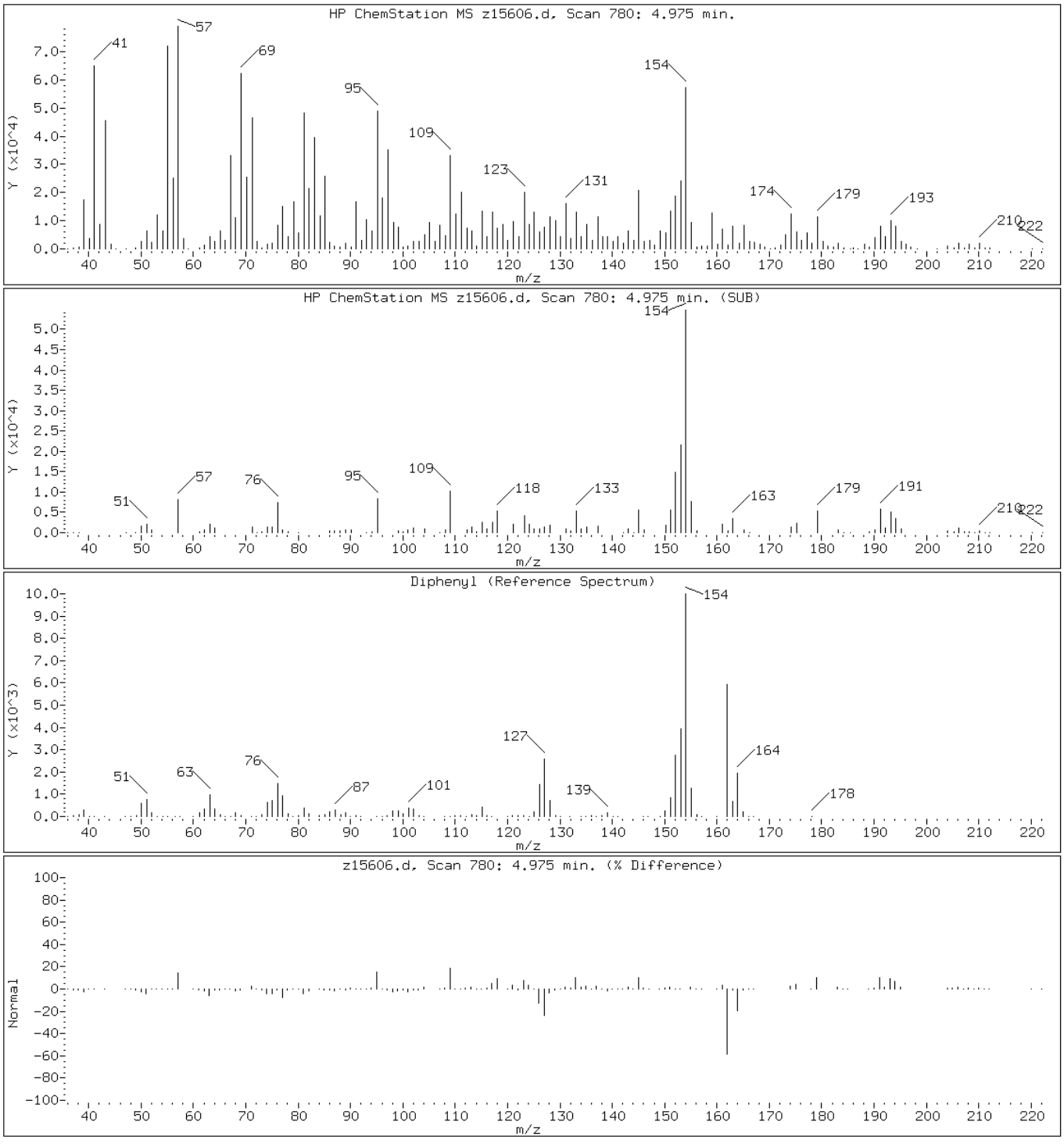
Data File: z15606.d

Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

102 Diphenyl



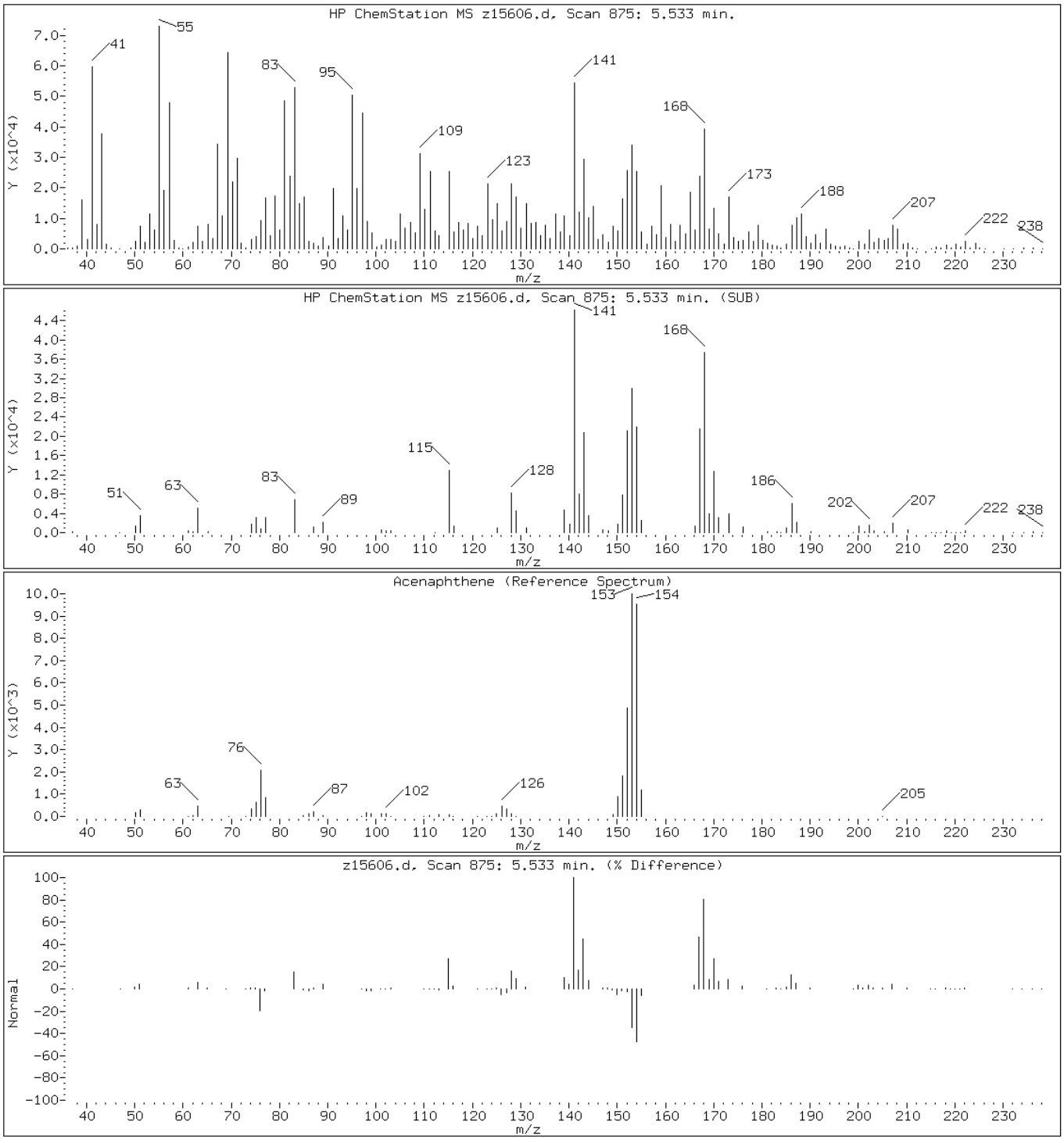
Data File: z15606.d

Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

42 Acenaphthene



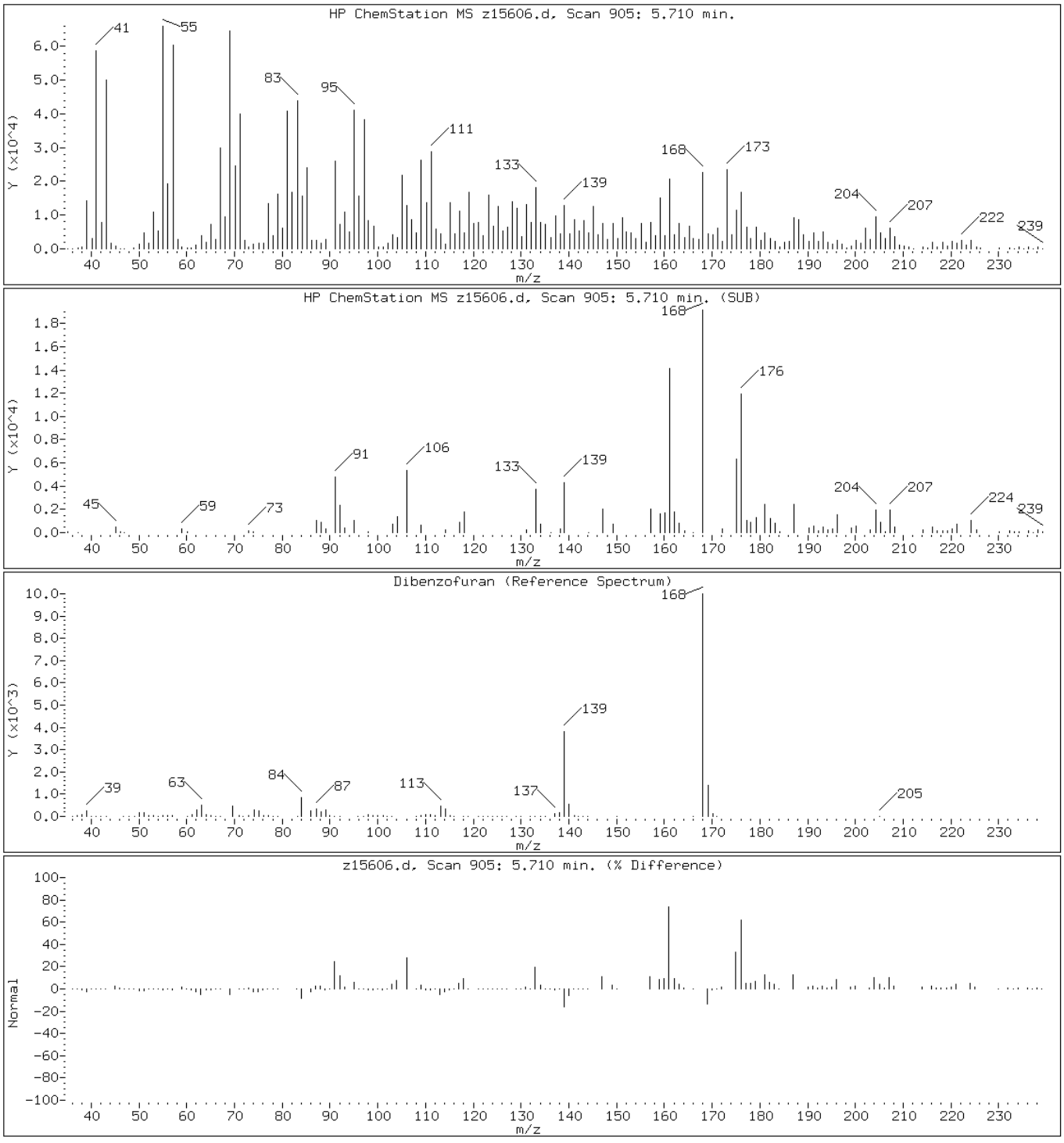
Data File: z15606.d

Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

43 Dibenzofuran



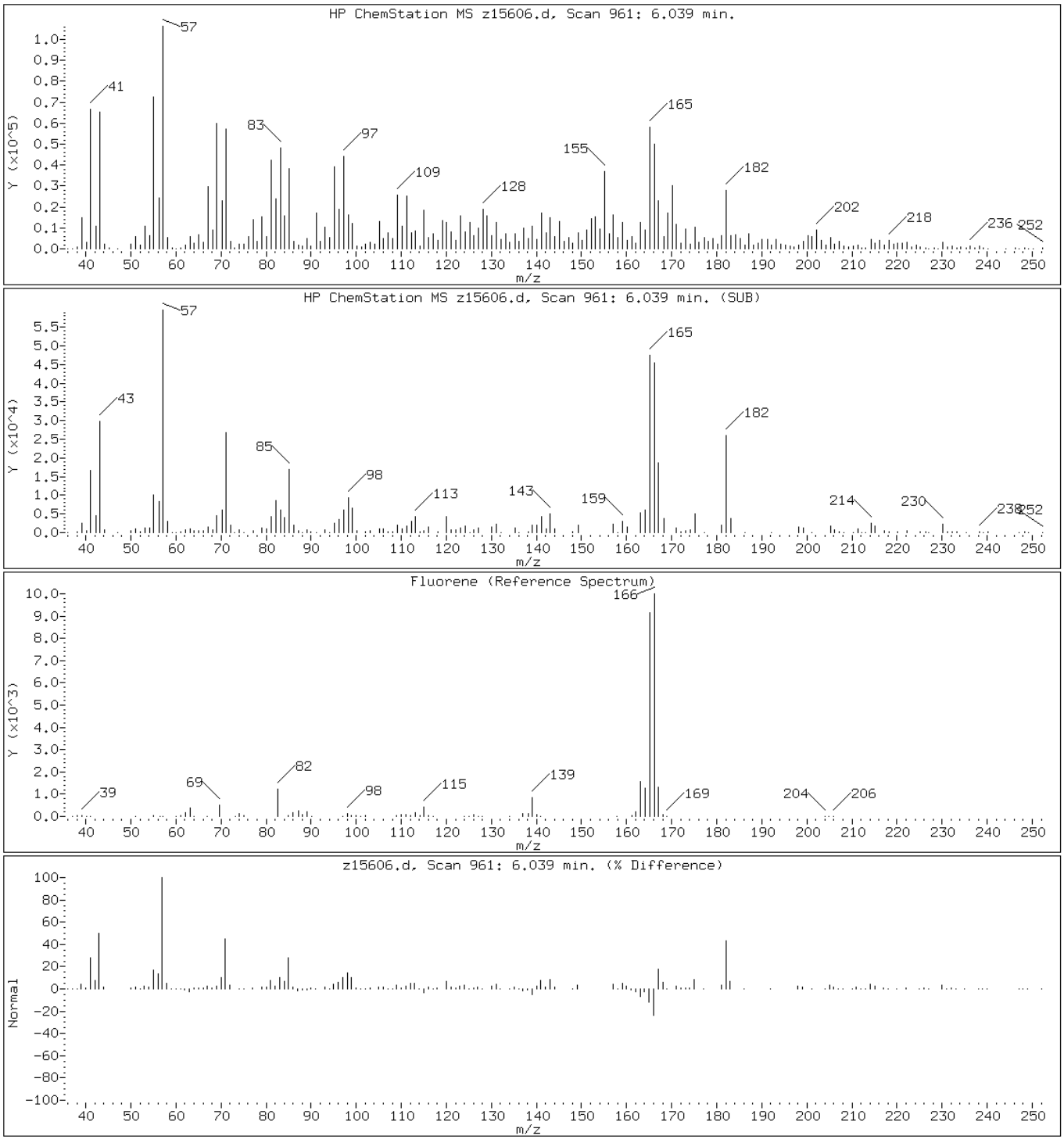
Data File: z15606.d

Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

47 Fluorene



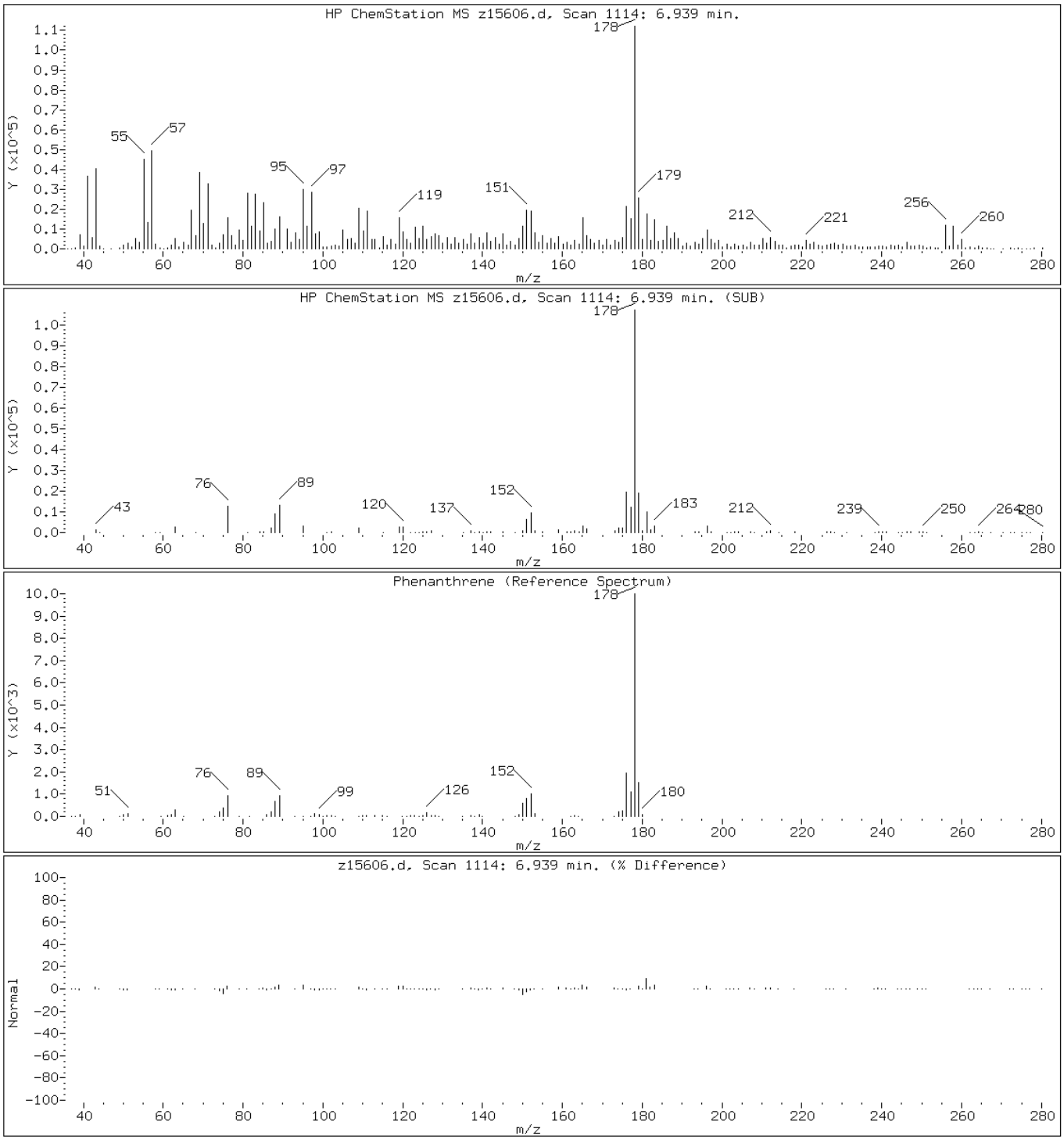
Data File: z15606.d

Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

52 Phenanthrene



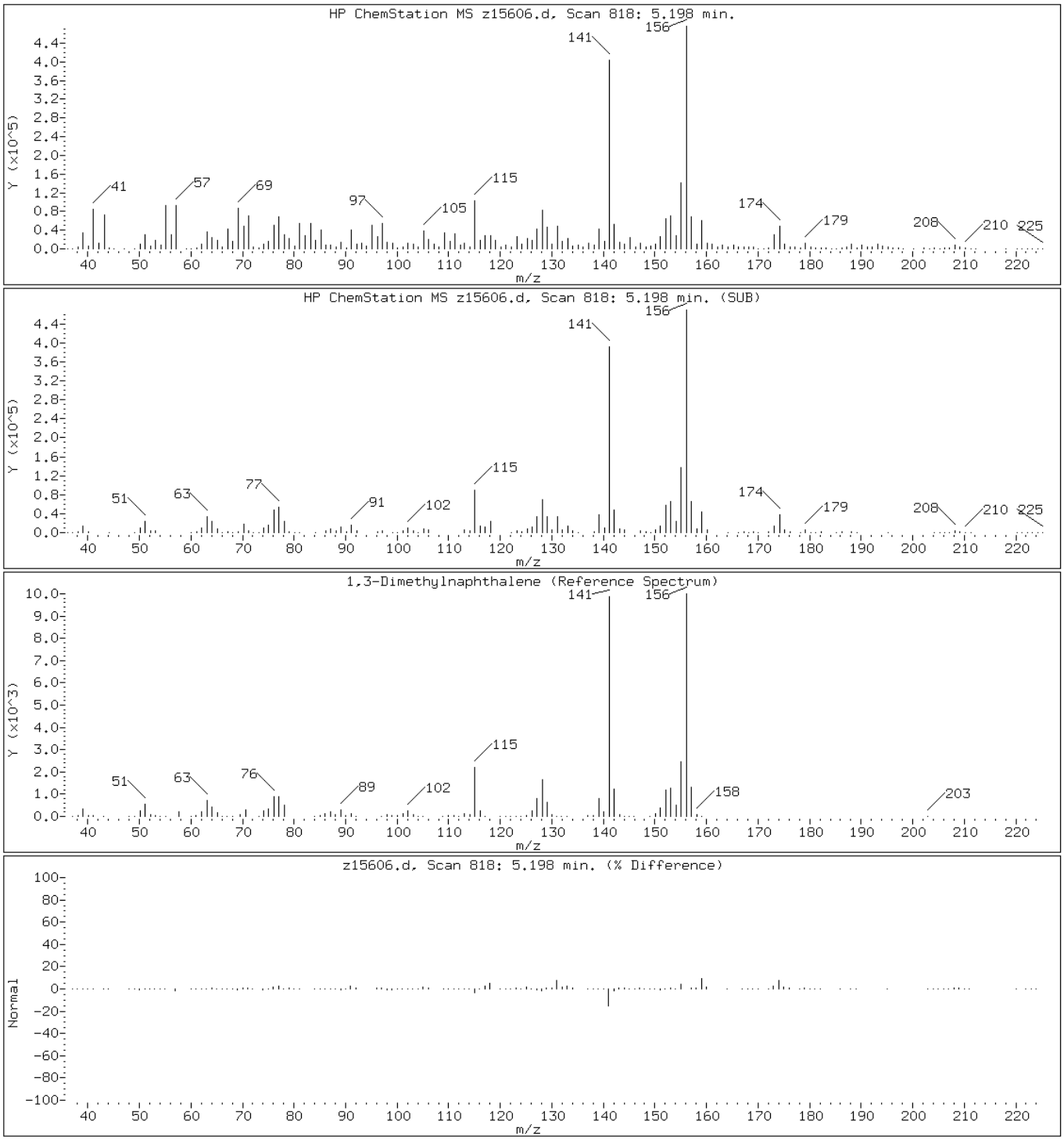
Data File: z15606.d

Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



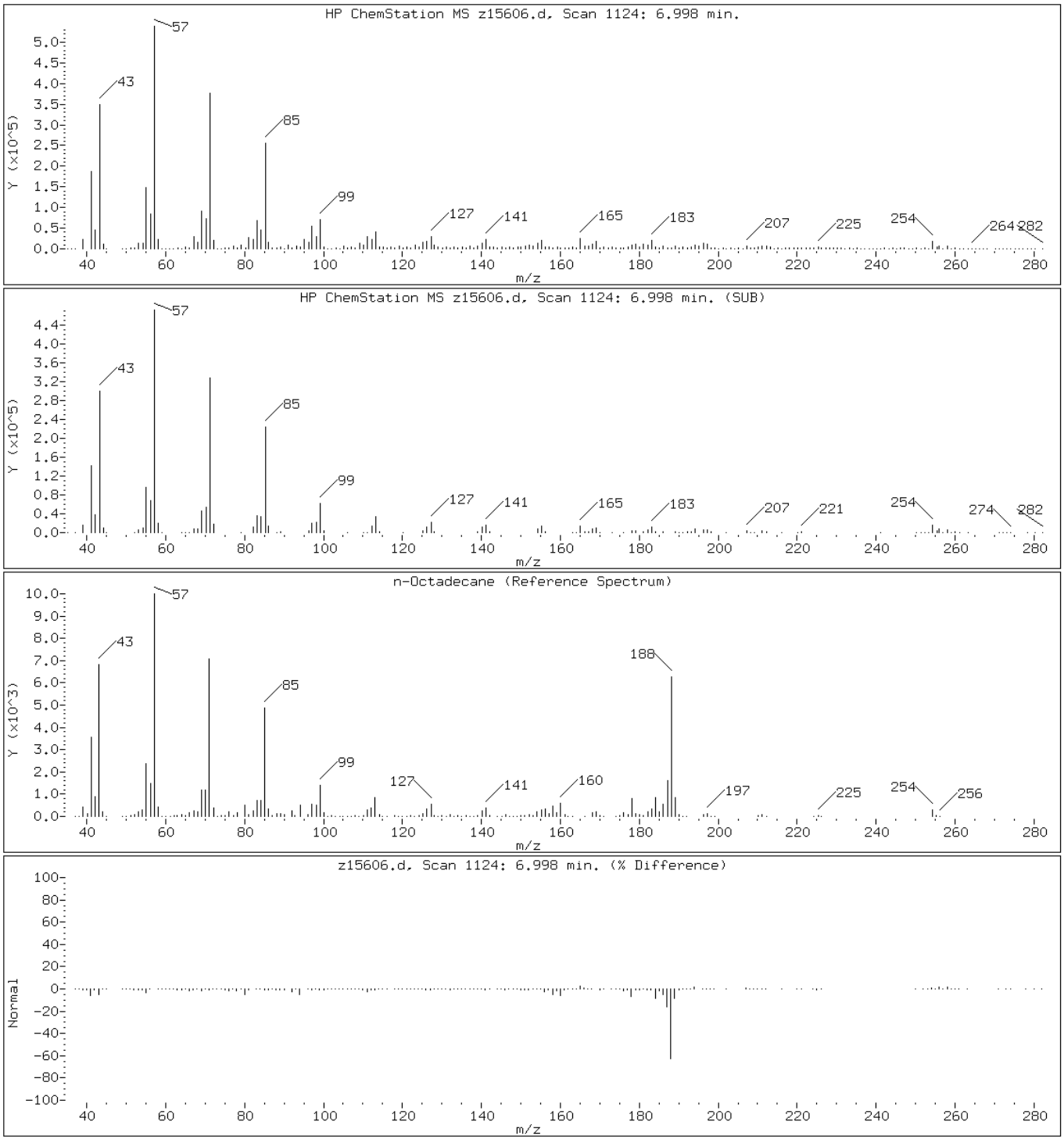
Data File: z15606.d

Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

115 n-Octadecane



Data File: z15606.d

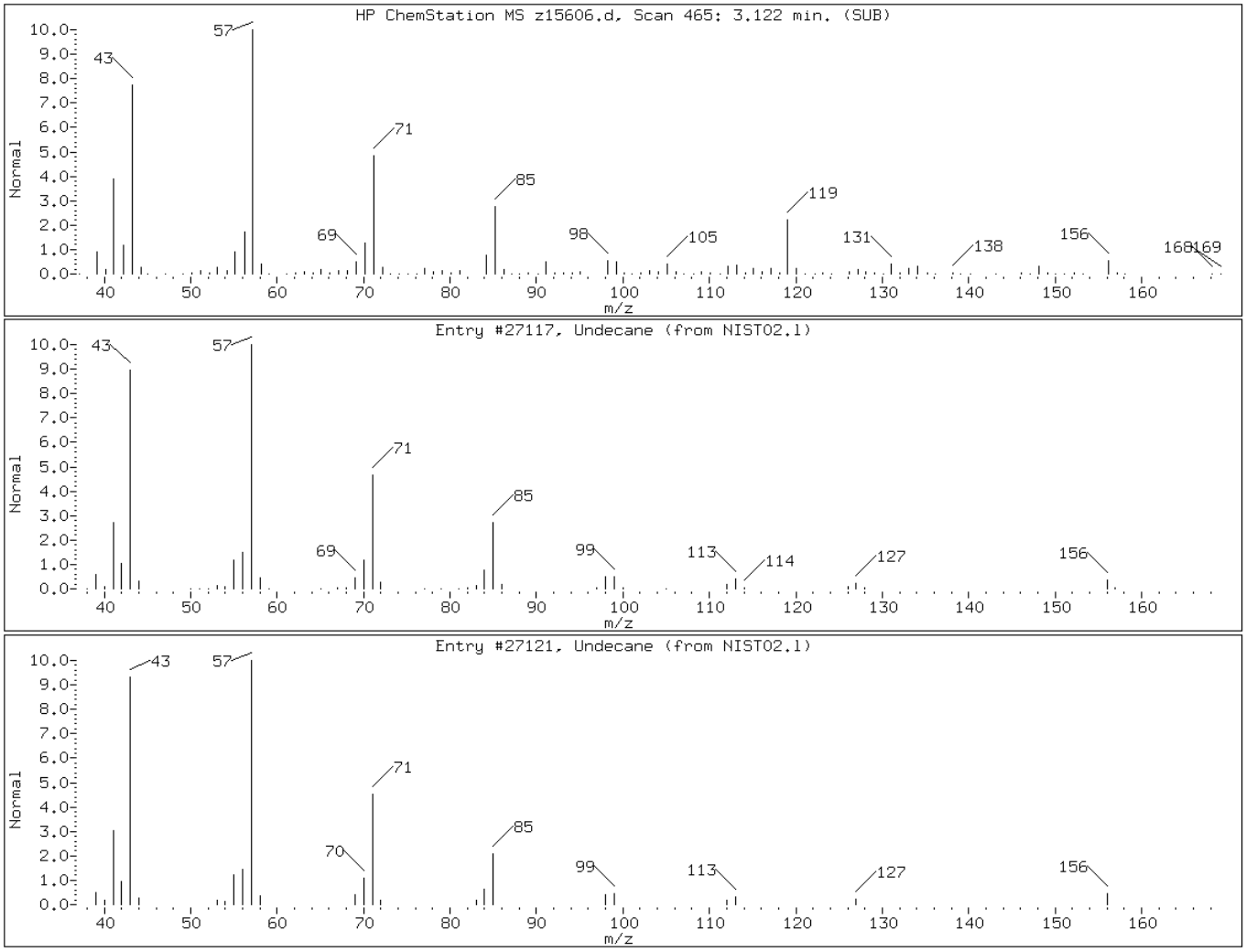
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 3.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Undecane	1120-21-4	NIST02.l	27117	95	C11H24	156
Undecane	1120-21-4	NIST02.l	27121	92	C11H24	156



Data File: z15606.d

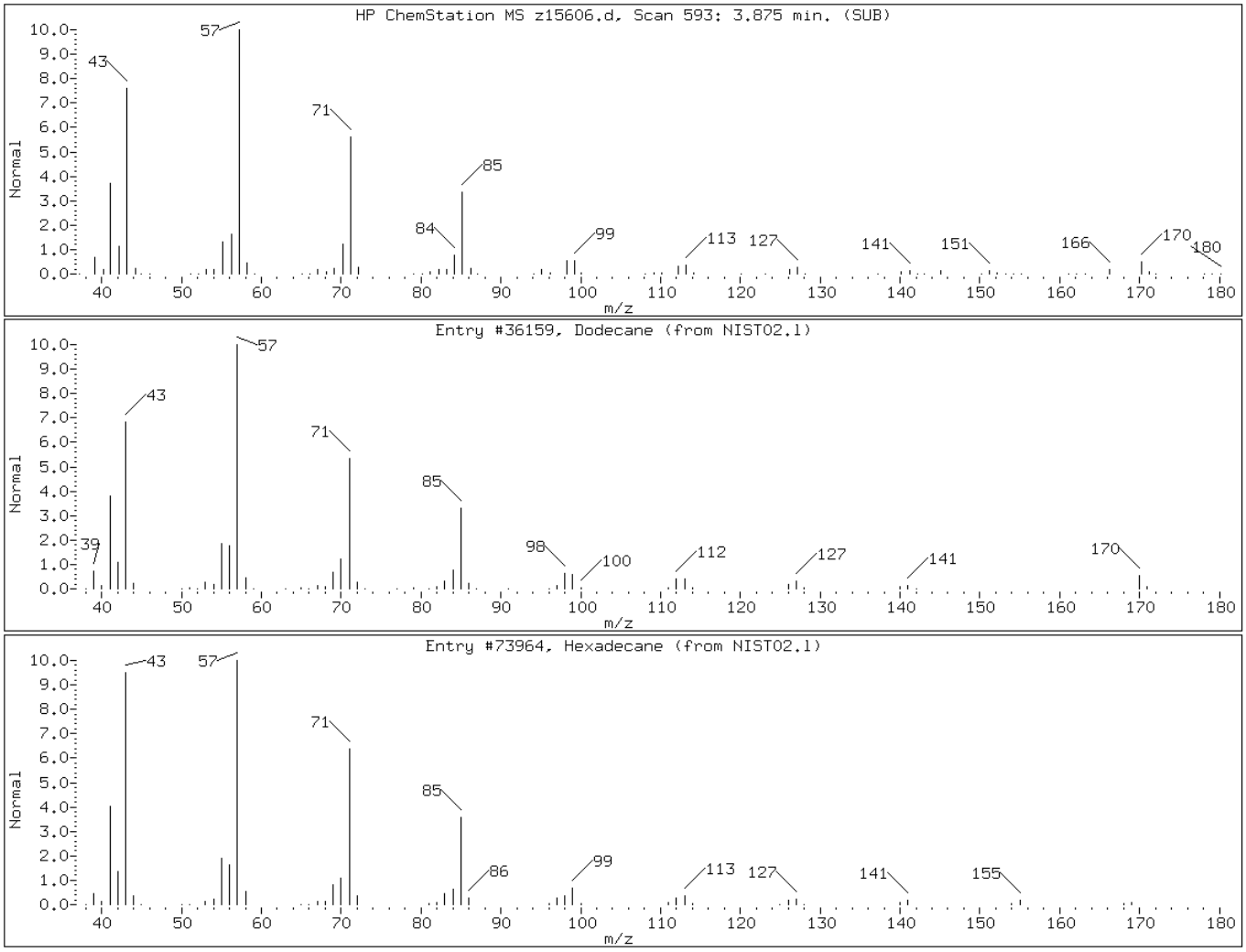
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 3.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170
Hexadecane	544-76-3	NIST02.l	73964	91	C16H34	226



Data File: z15606.d

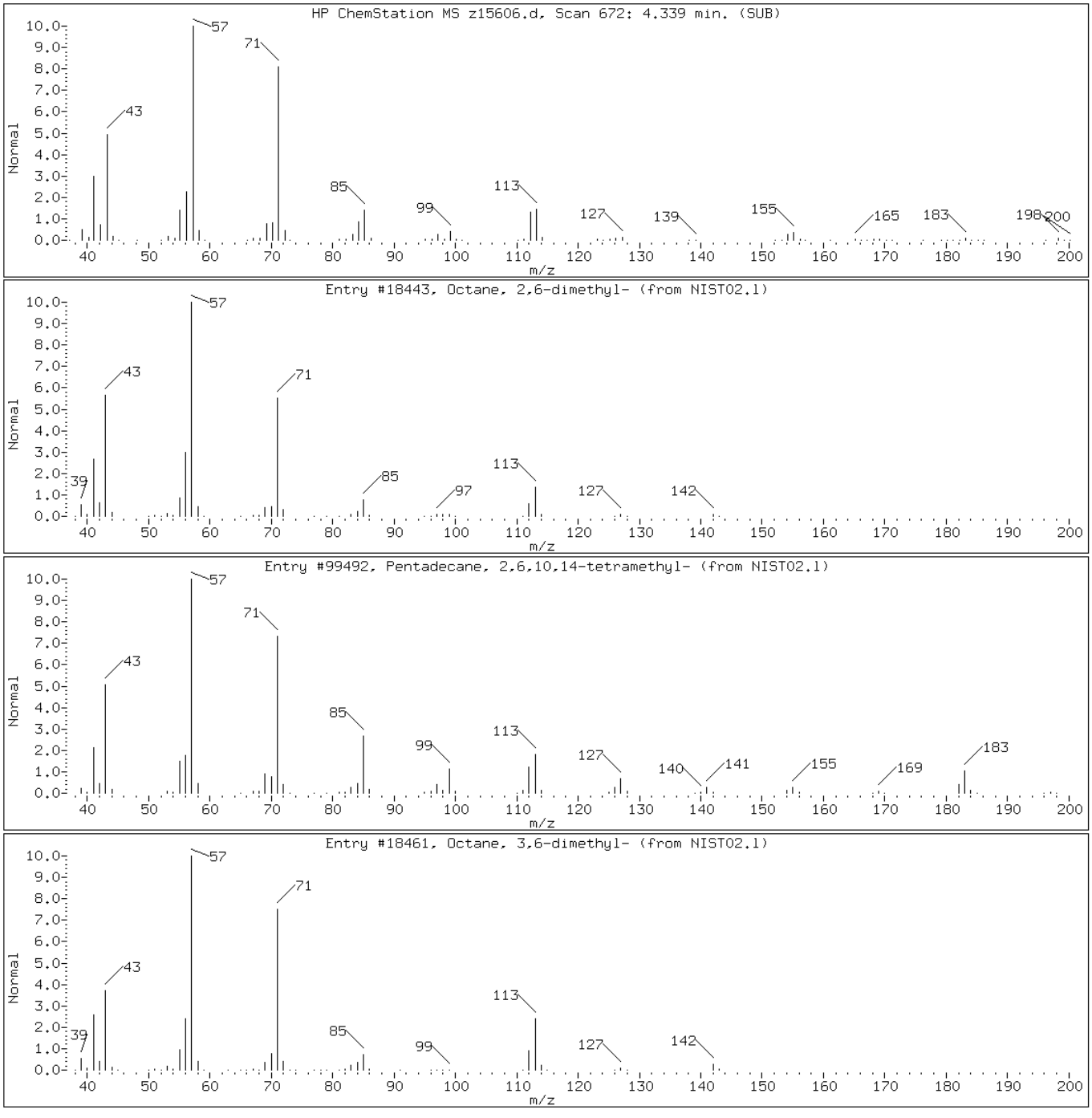
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 4.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	86	C10H22	142
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	78	C19H40	268
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18461	72	C10H22	142



Data File: z15606.d

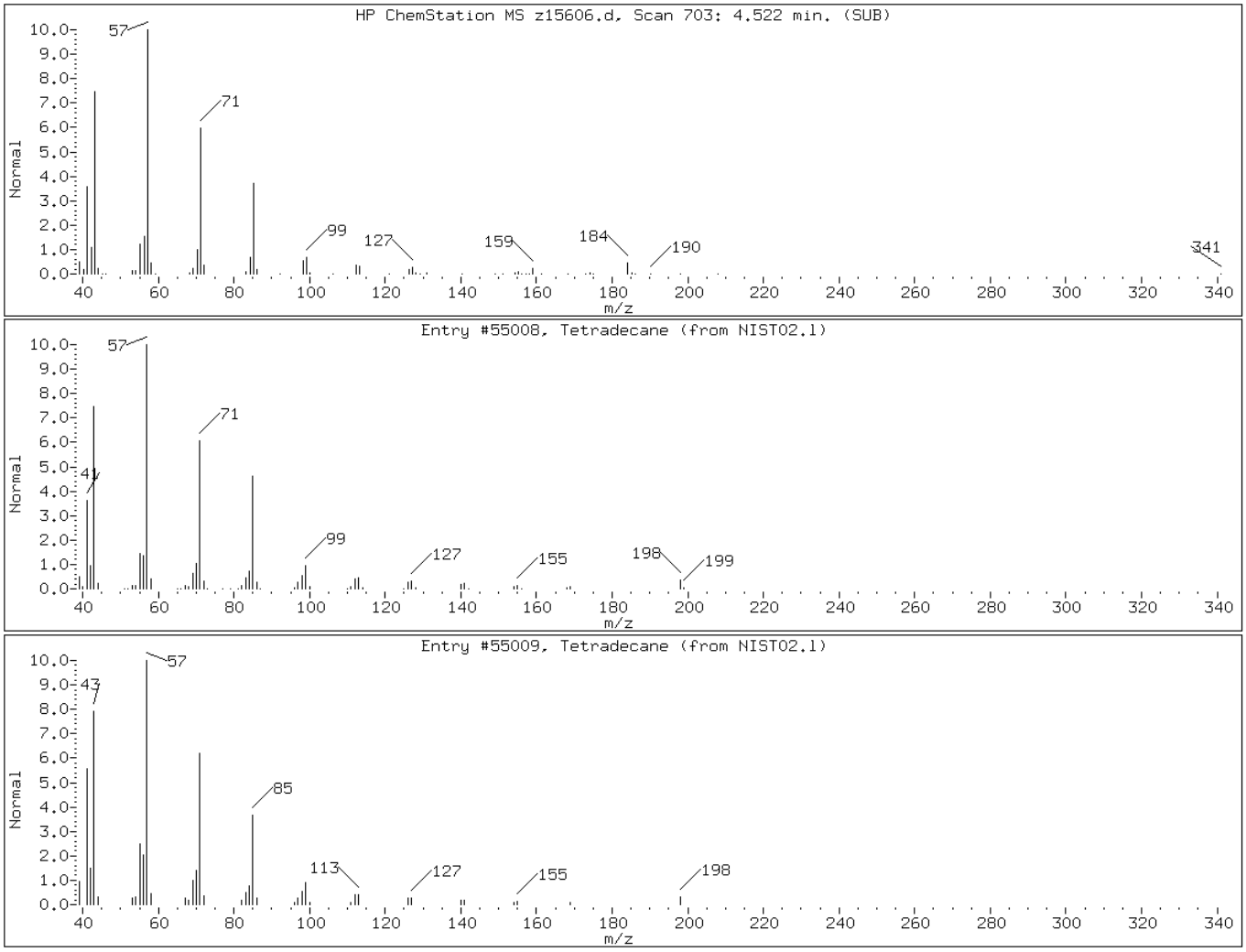
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 4.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tetradecane	629-59-4	NIST02.l	55008	94	C14H30	198
Tetradecane	629-59-4	NIST02.l	55009	94	C14H30	198



Data File: z15606.d

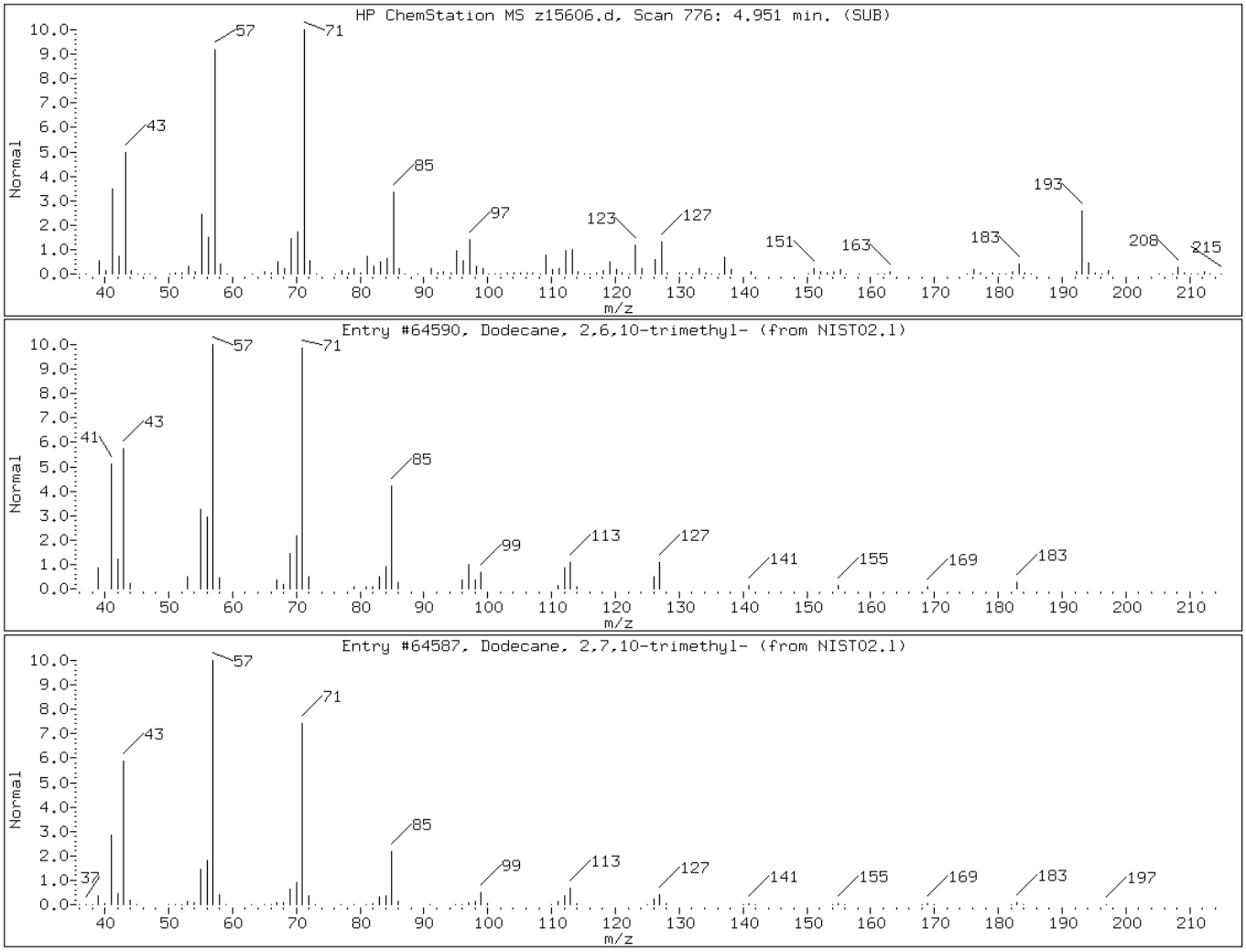
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 4.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	59	C15H32	212
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	50	C15H32	212



Data File: z15606.d

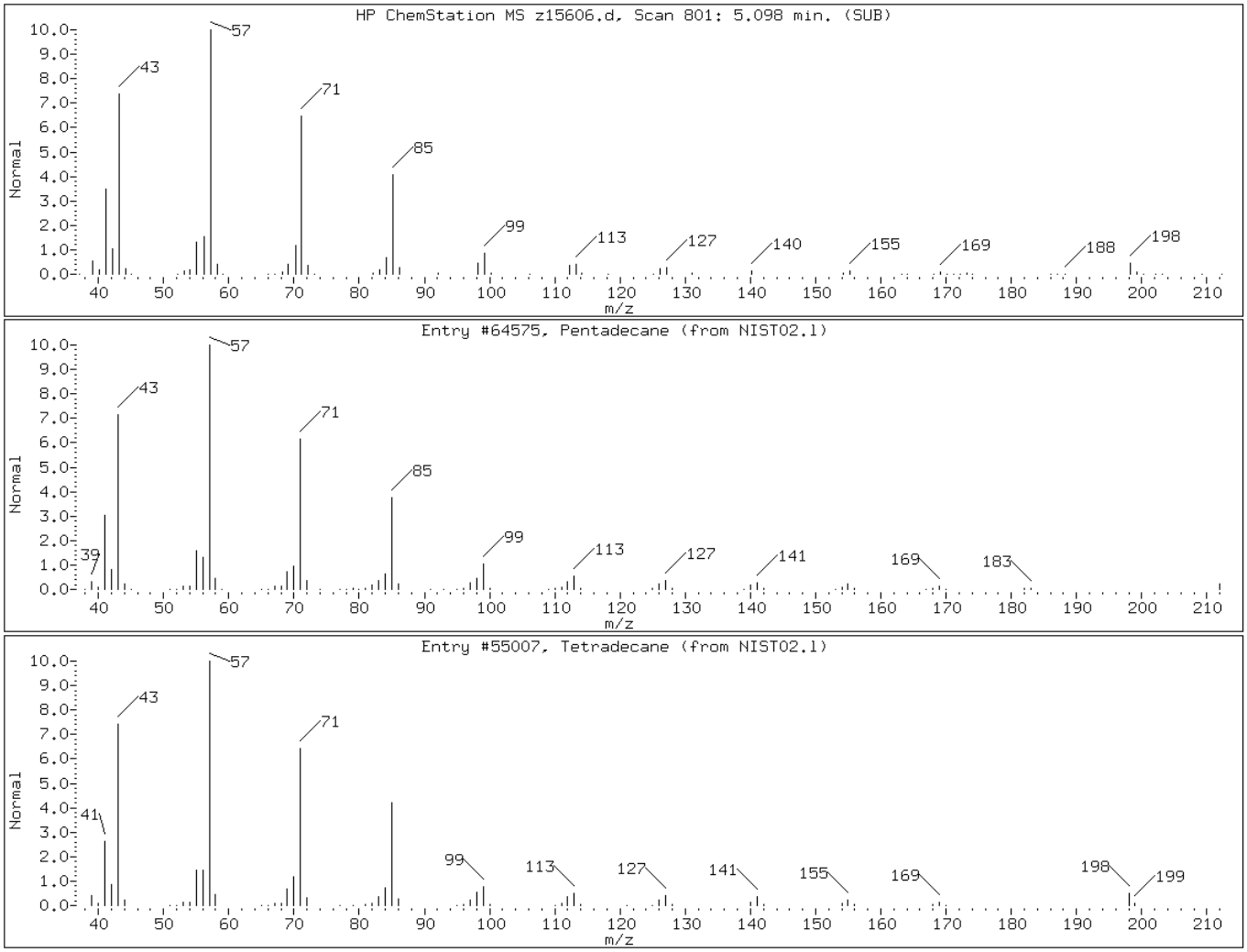
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 5.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Pentadecane	629-62-9	NIST02.l	64575	94	C15H32	212
Tetradecane	629-59-4	NIST02.l	55007	94	C14H30	198



Data File: z15606.d

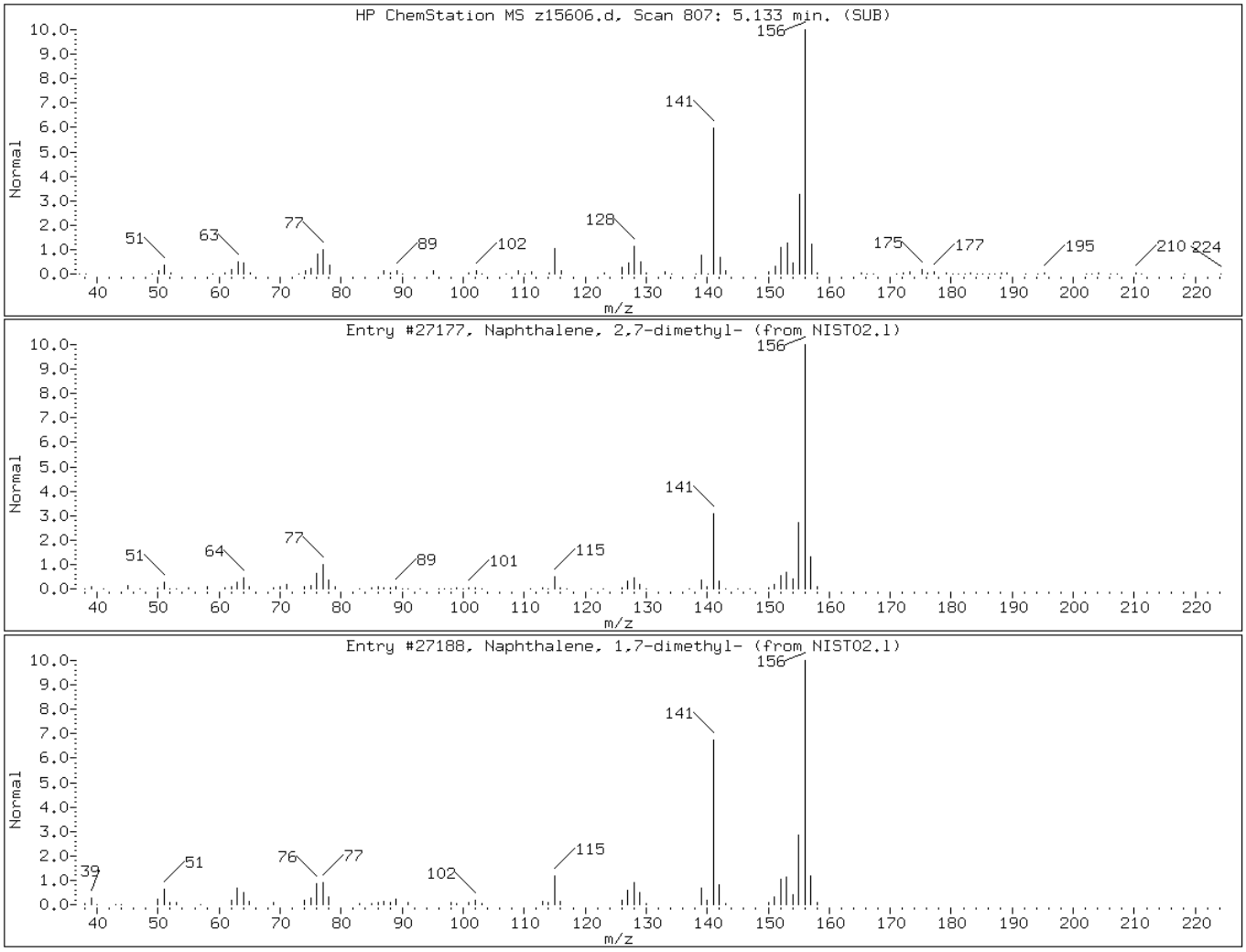
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 5.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27177	97	C12H12	156
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.l	27188	97	C12H12	156



Data File: z15606.d

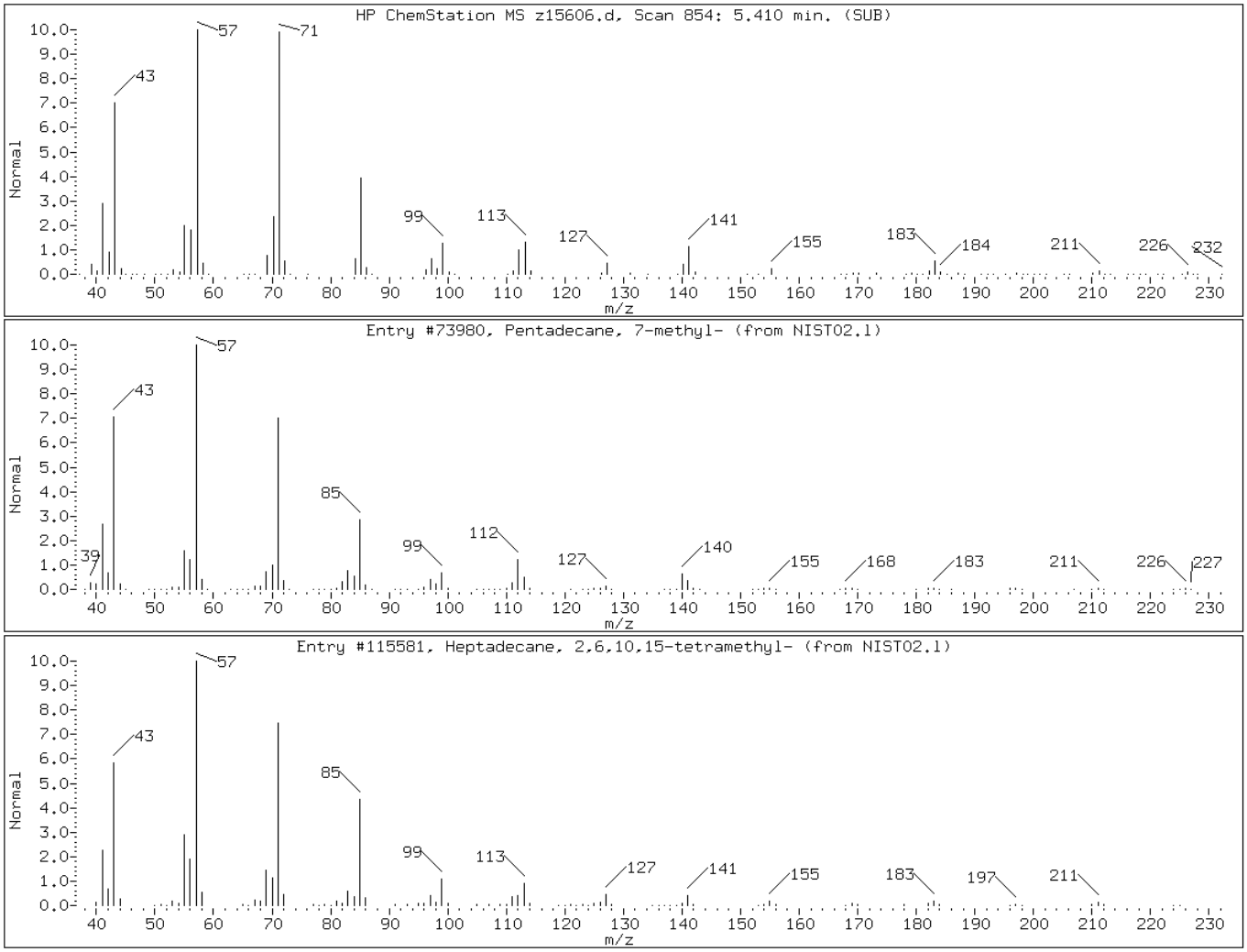
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 5.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	81	C16H34	226
Heptadecane, 2,6,10,15-tetramethyl	54833-48-6	NIST02.l	115581	80	C21H44	296



Data File: z15606.d

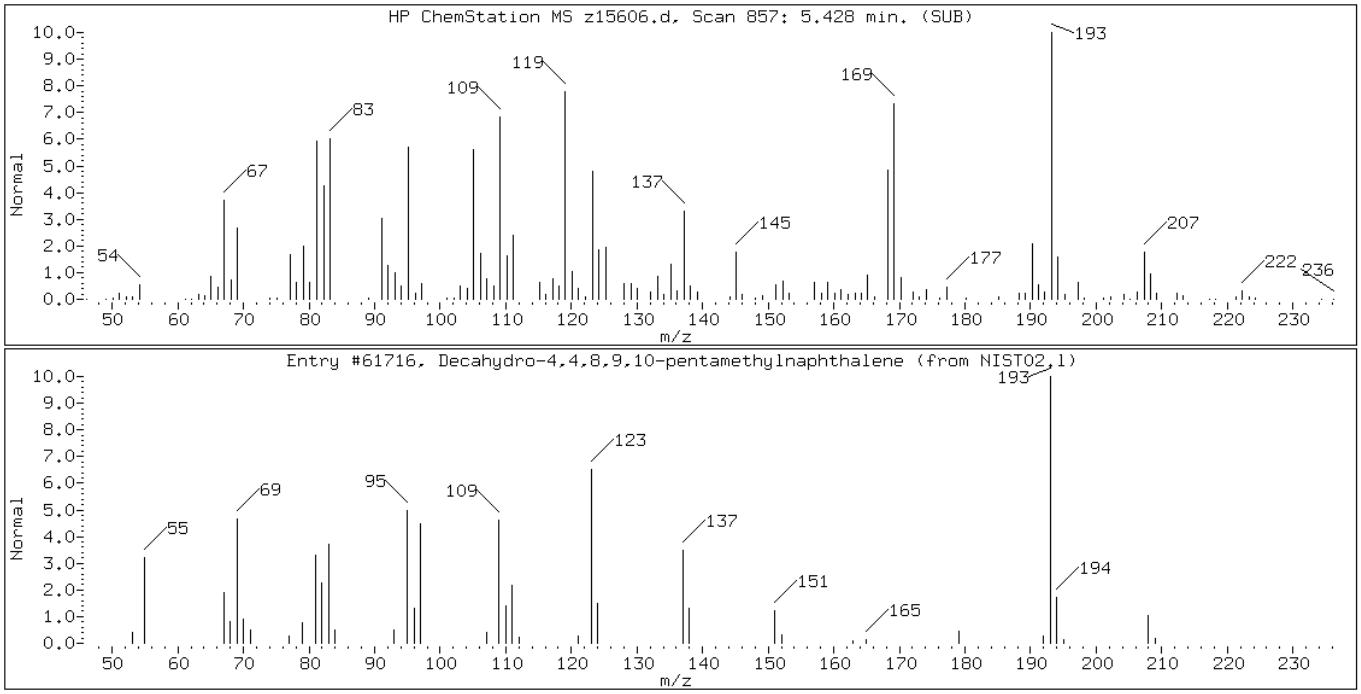
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 5.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	38	C15H28	208



Data File: z15606.d

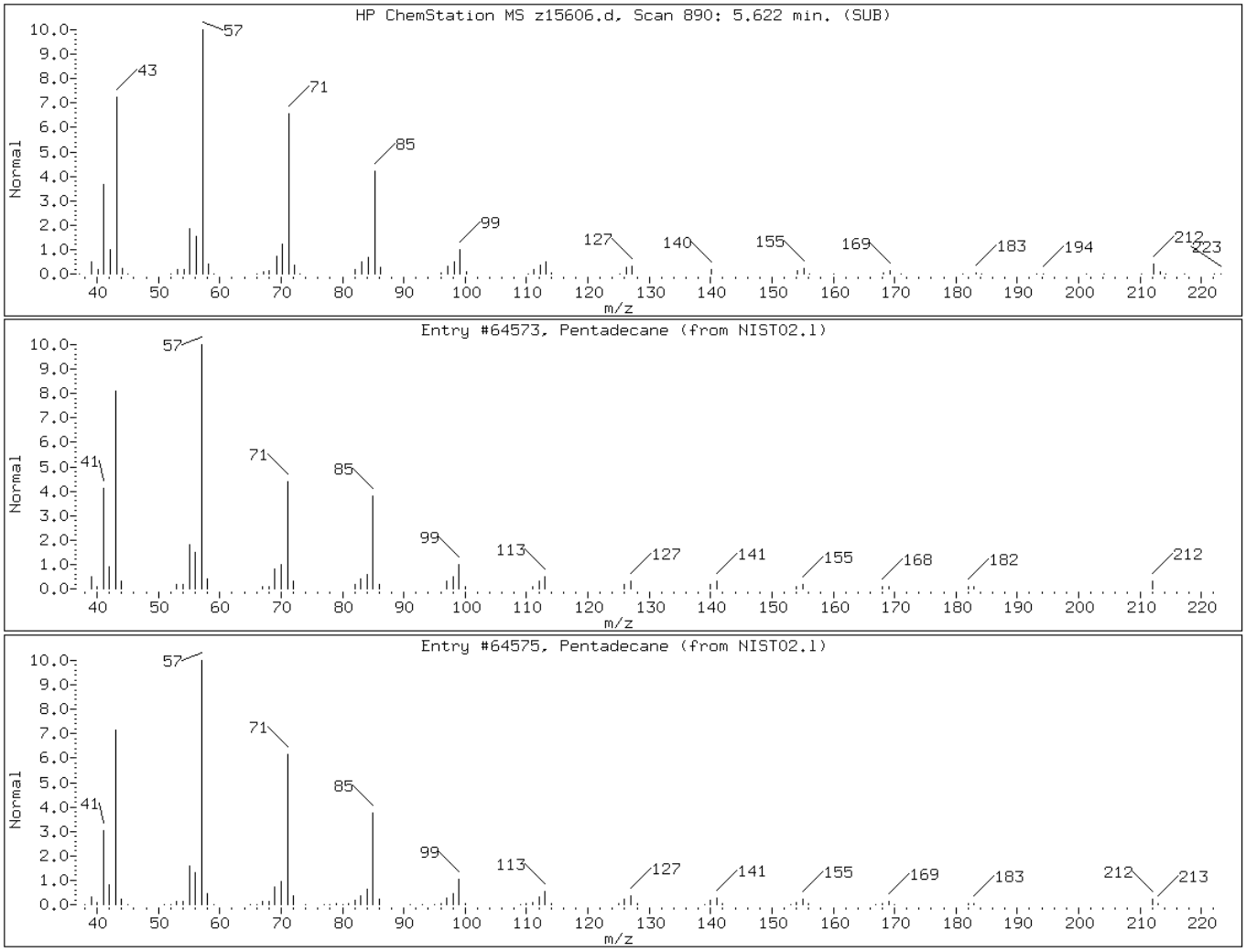
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 5.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Pentadecane	629-62-9	NIST02.l	64573	97	C15H32	212
Pentadecane	629-62-9	NIST02.l	64575	96	C15H32	212



Data File: z15606.d

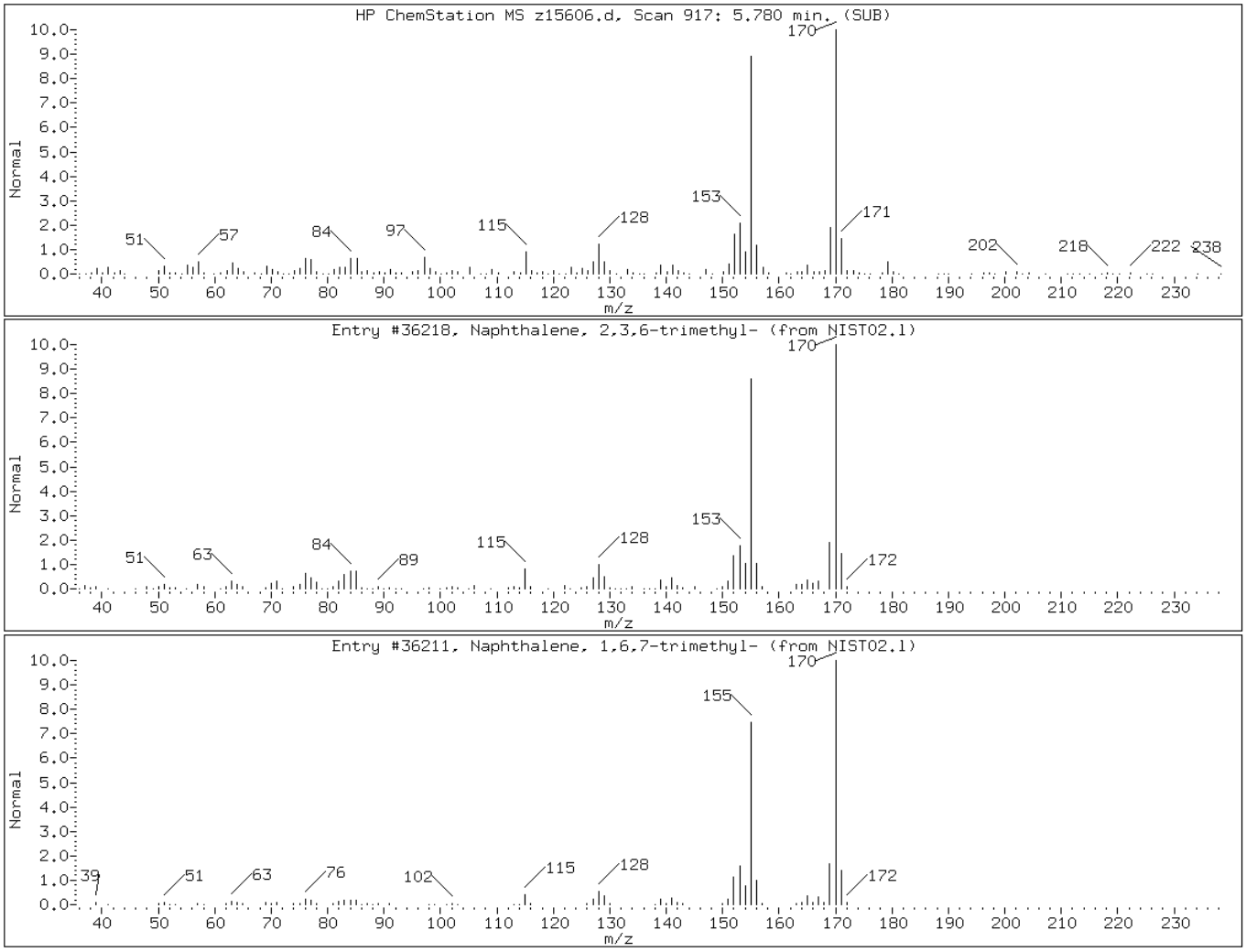
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 5.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	97	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	96	C13H14	170



Data File: z15606.d

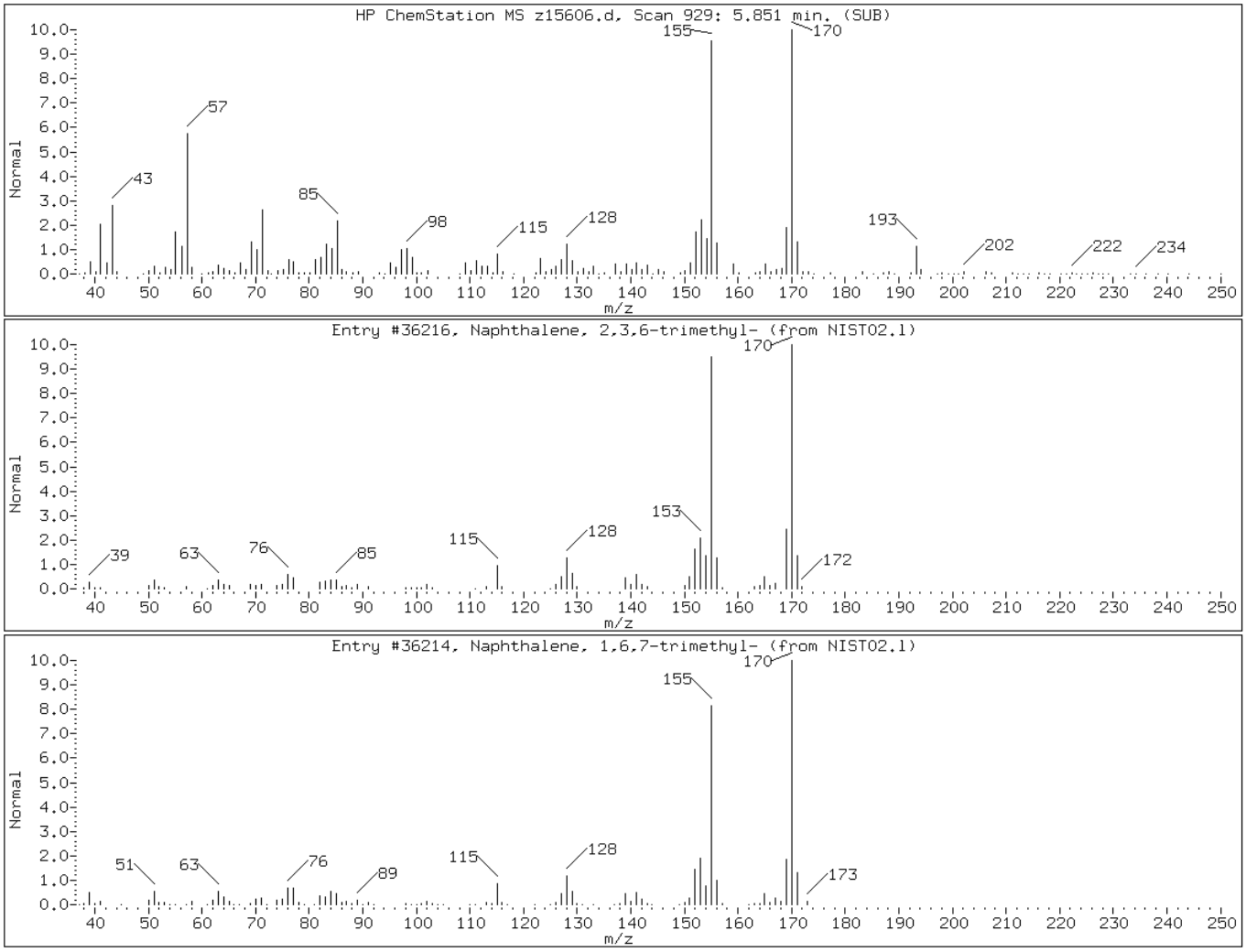
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 5.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	98	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	96	C13H14	170



Data File: z15606.d

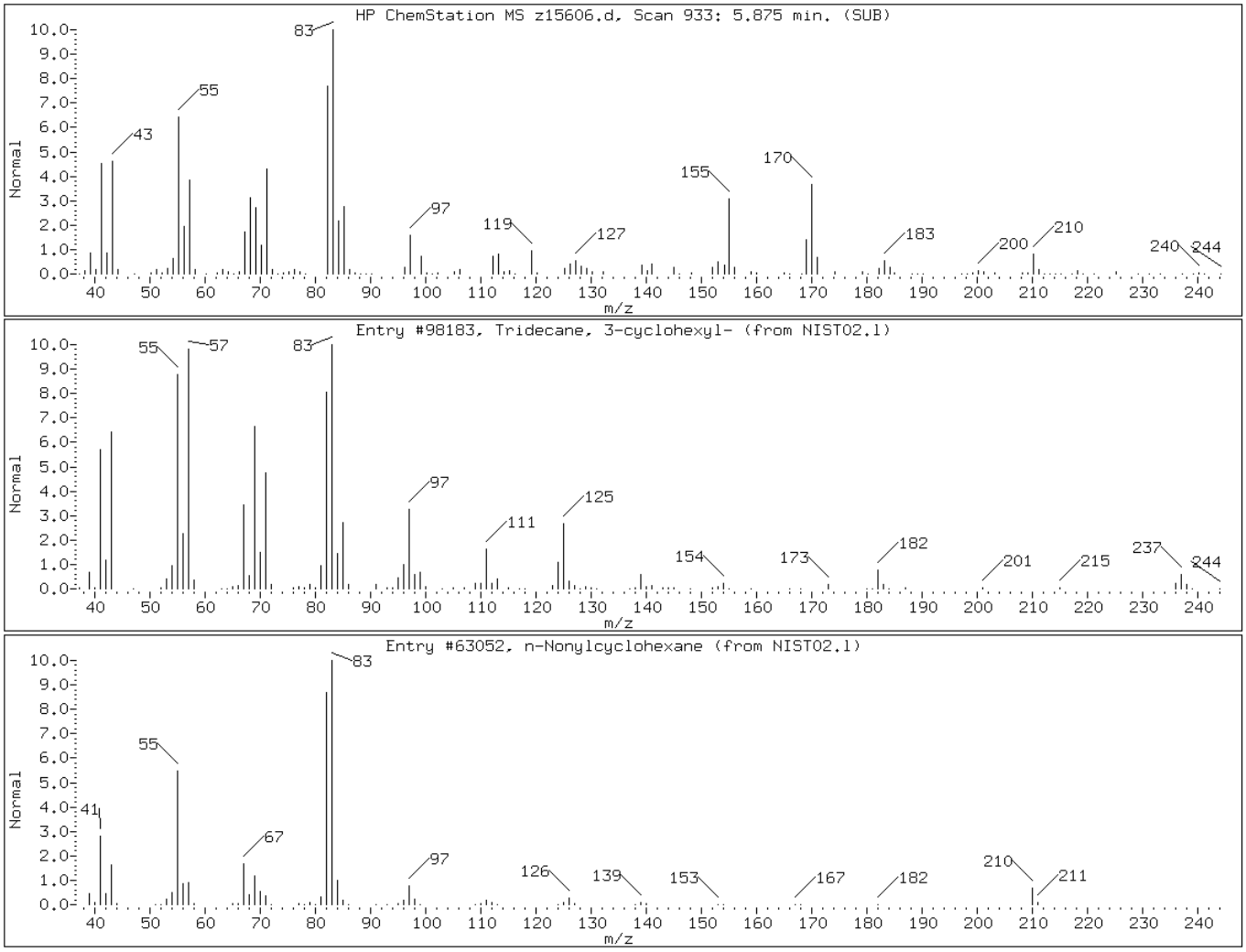
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 5.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Tridecane, 3-cyclohexyl-	13151-88-7	NIST02.l	98183	59	C19H38	266
n-Nonylcyclohexane	2883-02-5	NIST02.l	63052	46	C15H30	210



Data File: z15606.d

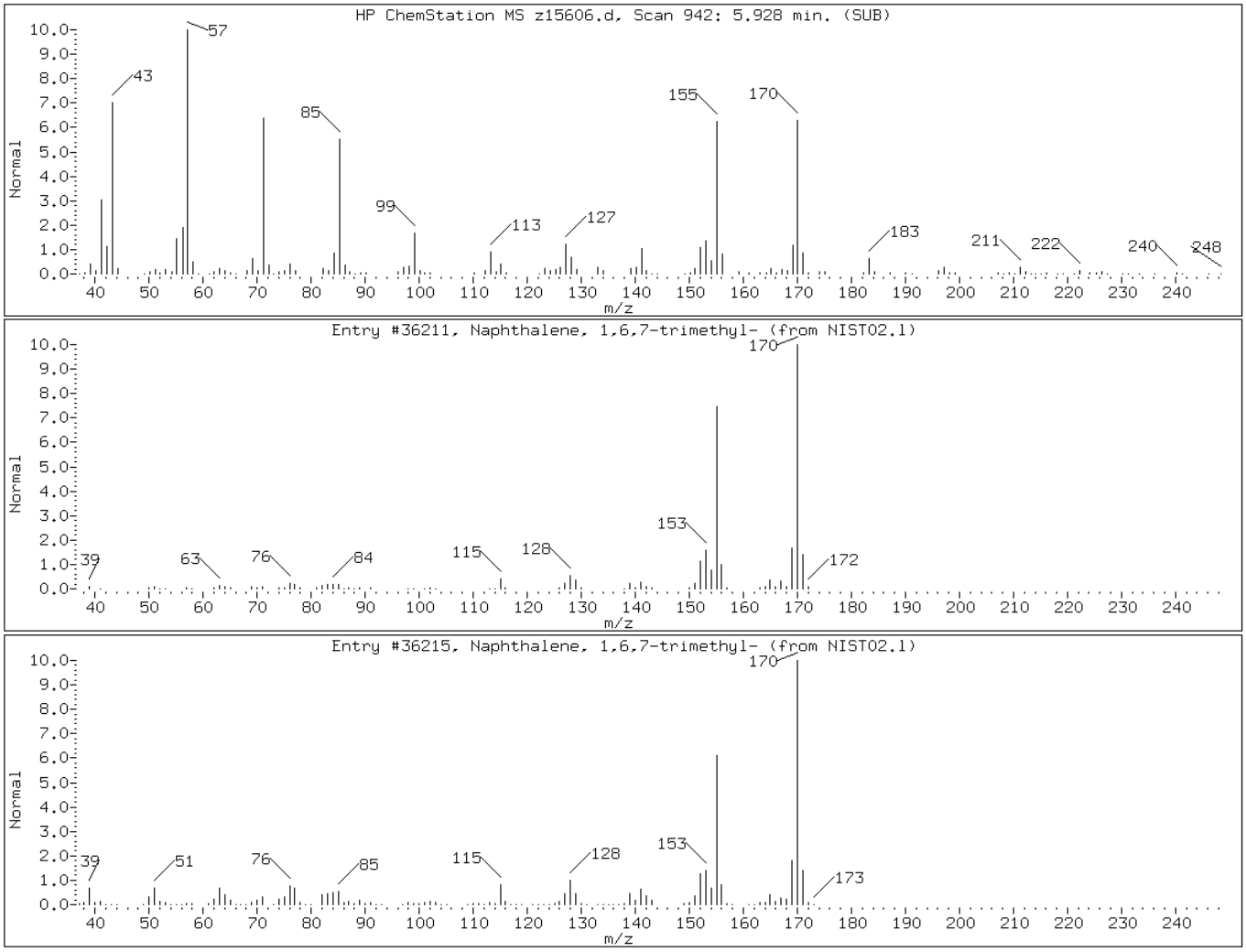
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 5.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	89	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36215	89	C13H14	170



Data File: z15606.d

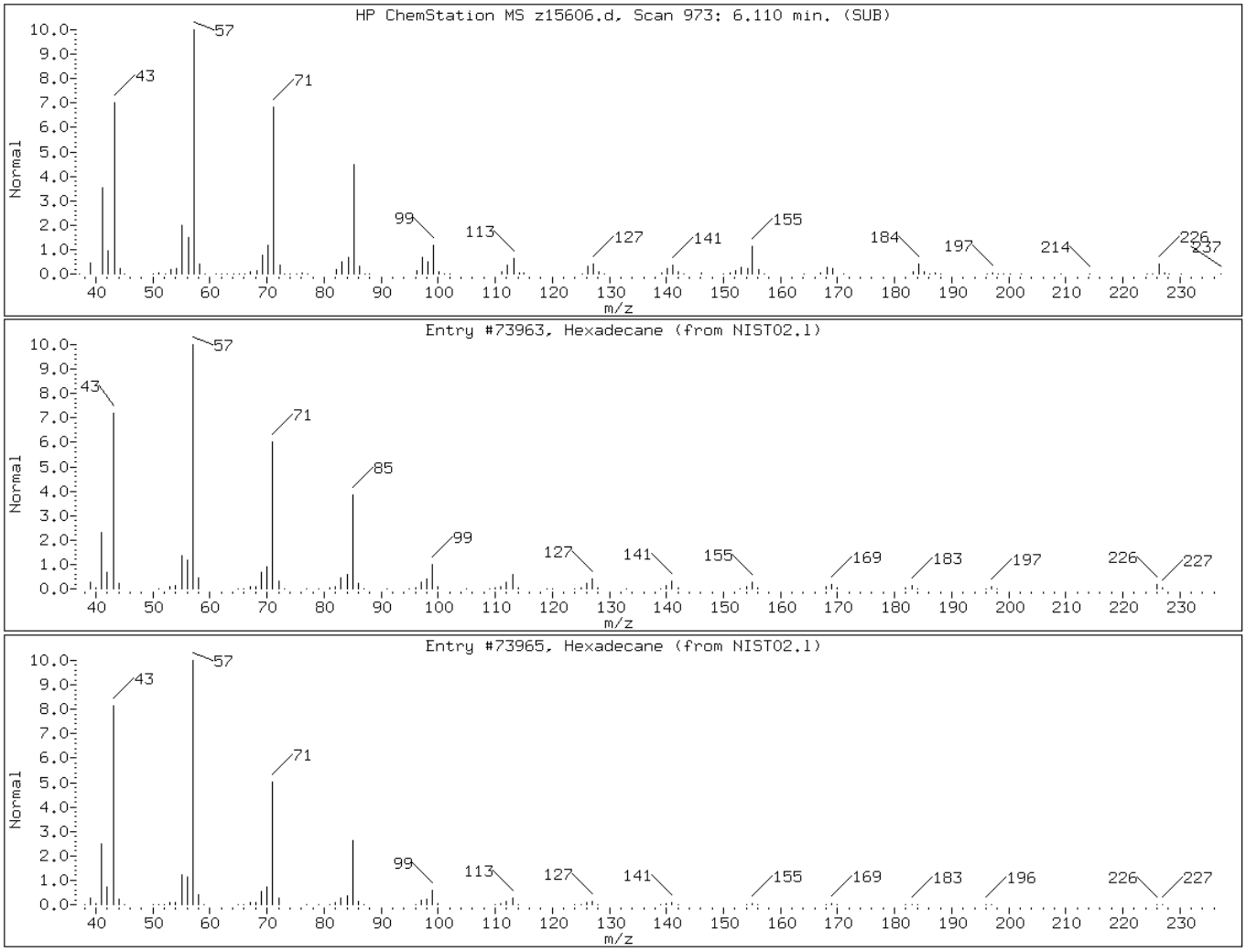
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 6.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C16H34 Alkane						
Hexadecane	544-76-3	NIST02.l	73963	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	95	C16H34	226



Data File: z15606.d

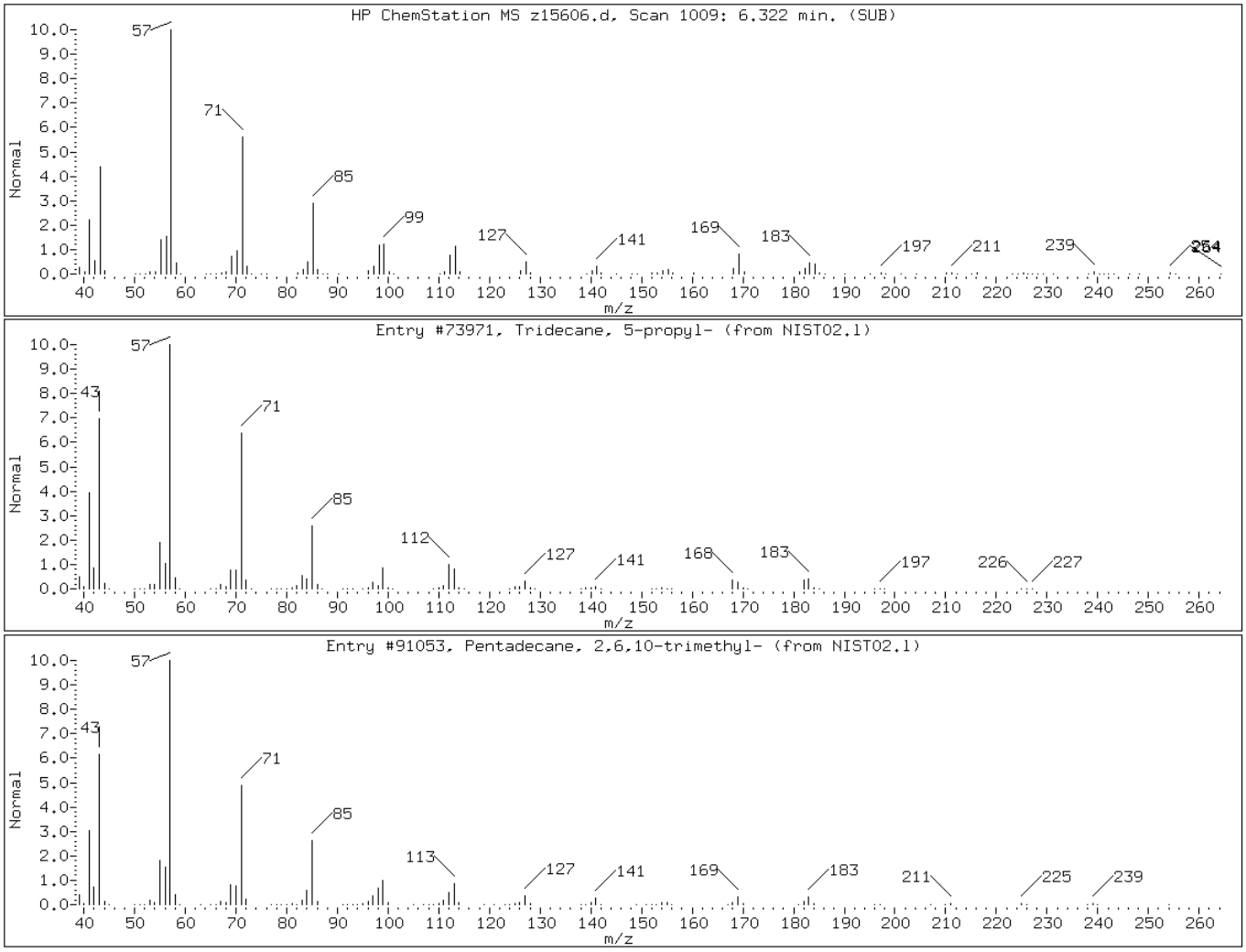
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	87	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254



Data File: z15606.d

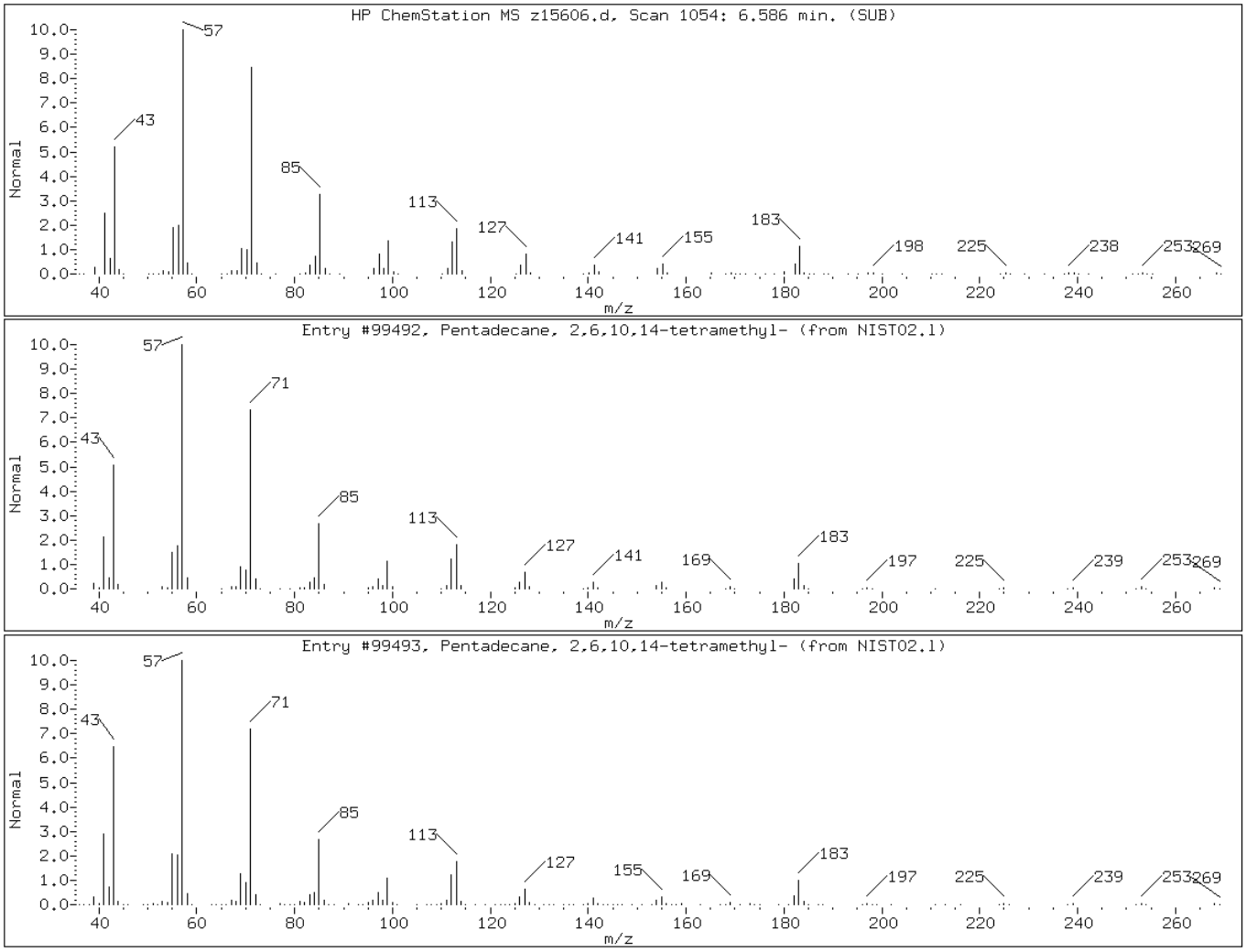
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 6.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	95	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	95	C19H40	268



Data File: z15606.d

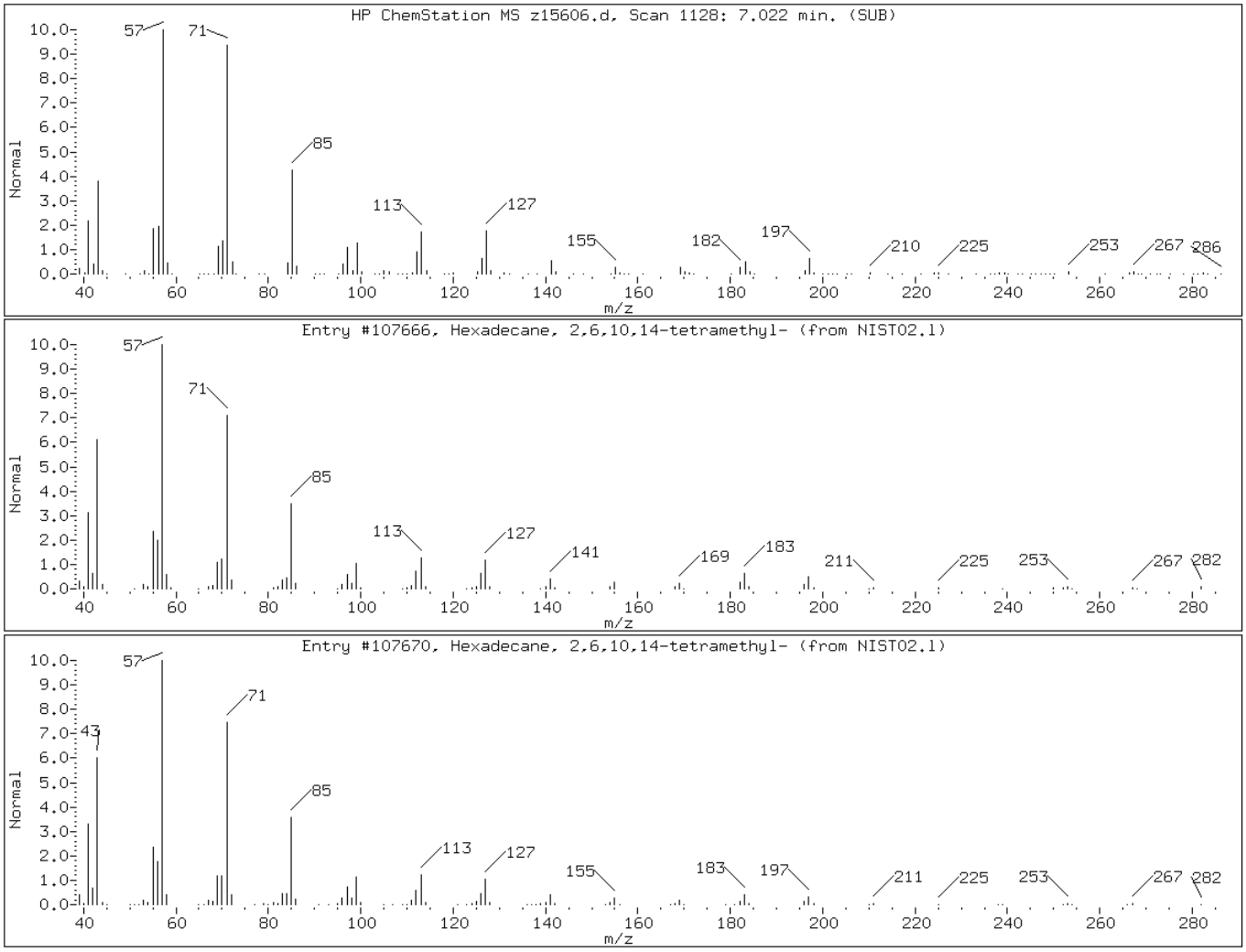
Date: 31-MAR-2011 12:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-2-B Operator: BNAMS 4

Retention Time: 7.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	97	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	91	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) | Lab Sample ID: 460-24279-3

Matrix: Solid | Lab File ID: z15585.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:45

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.98(g) | Date Analyzed: 03/31/2011 05:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	56
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380		380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	2200	*	380	56
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	74	J	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.7
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	100	J	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) | Lab Sample ID: 460-24279-3

Matrix: Solid | Lab File ID: z15585.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:45

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.98(g) | Date Analyzed: 03/31/2011 05:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	98
51-28-5	2,4-Dinitrophenol	1200	U	1200	81
132-64-9	Dibenzofuran	85	J	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	270	J	380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	770	U *	770	79
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	61
85-01-8	Phenanthrene	490		380	66
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	380	U	380	66
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	51
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	84
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) | Lab Sample ID: 460-24279-3

Matrix: Solid | Lab File ID: z15585.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:45

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.98(g) | Date Analyzed: 03/31/2011 05:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	104		10-120
367-12-4	2-Fluorophenol	82		37-125
321-60-8	2-Fluorobiphenyl	82		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) | Lab Sample ID: 460-24279-3

Matrix: Solid | Lab File ID: z15585.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:45

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.98(g) | Date Analyzed: 03/31/2011 05:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 75700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C12H26 Alkane	3.87	2000	J
	Unknown Alkane	4.33	2800	J
	Unknown Alkane-2	4.51	3100	J
	Unknown Alkane-3	4.95	5800	J
	Ethylnaphthalene isomer	5.05	2200	J
	C14H30 Alkane	5.09	3100	J
	Dimethylnaphthalene isomer	5.13	3200	J
575-41-7	1,3-Dimethylnaphthalene	5.20	4000	
	Unknown Alkane-4	5.40	5100	J
	Unknown-4	5.43	2700	J
	C15H32 Alkane	5.62	4900	J
	Trimethylnaphthalene isomer-2	5.77	2200	J
	Trimethylnaphthalene isomer-3	5.85	3200	J
	Unknown-5	5.87	3700	J
	Trimethylnaphthalene isomer-4	5.92	3200	J
	C16H34 Alkane	6.10	4800	J
	Unknown Alkane-5	6.32	4800	J
	Unknown Alkane-6	6.57	9800	J
593-45-3	n-Octadecane	6.99	2400	
	Unknown Alkane-7	7.02	2700	J

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15585.d
Report Date: 31-Mar-2011 13:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15585.d
Lab Smp Id: 460-24279-F-3-B Client Smp ID: PMP-6-SI-E (10.5-11
Inj Date : 31-MAR-2011 05:20
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-3-B
Misc Info : 460-24279-F-3-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.98000	Weight of sample extracted (g)
M	12.95844	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.351	1.322	(0.566)	864461	81.5735	6200
$ 17 Phenol-d5 (SUR)	99	2.145	2.151	(0.899)	1078667	87.2460	6700
2 2-Chlorophenol	128	2.198	2.204	(0.921)	1232	0.10774	8.3(a)
113 n-decane	43	2.298	2.304	(0.963)	127604	10.1346	780
* 79 1,4-Dichlorobenzene-d4	152	2.387	2.387	(1.000)	340733	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	2.957	2.975	(0.795)	532773	42.2252	3200
30 1,2,4-Trichlorobenzene	180	3.687	3.687	(0.991)	12305	1.14276	88
* 80 Naphthalene-d8	136	3.722	3.728	(1.000)	1204375	40.0000	
31 Naphthalene	128	3.739	3.745	(1.005)	164211	4.97462	380(a)
34 2-Methylnaphthalene	142	4.481	4.475	(1.204)	546760	28.8872	2200
120 1-Methylnaphthalene	142	4.575	4.569	(1.229)	369562	19.9943	1500
$ 77 2-Fluorobiphenyl (SUR)	172	4.886	4.887	(0.888)	843424	41.1813	3200
102 Diphenyl	154	4.969	4.969	(0.903)	20089	0.95897	74(a)

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15585.d
Report Date: 31-Mar-2011 13:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	125 1,3-Dimethylnaphthalene	156	5.198	5.192	(0.944)	678190	51.5868	4000
*	82 Acenaphthene-d10	164	5.504	5.498	(1.000)	522341	40.0000	
	42 Acenaphthene	154	5.528	5.528	(1.004)	18863	1.33673	100(a)
	43 Dibenzofuran	168	5.704	5.698	(1.036)	22698	1.11339	85(a)
	47 Fluorene	166	6.033	6.028	(1.096)	54367	3.55694	270(a)
$	18 2,4,6-Tribromophenol (SUR)	330	6.275	6.269	(1.140)	225489	103.520	7900
*	83 Phenanthrene-d10	188	6.922	6.910	(1.000)	745829	40.0000	
	52 Phenanthrene	178	6.939	6.933	(1.003)	135405	6.40475	490
	115 n-Octadecane	57	6.992	6.986	(1.010)	346708	30.8320	2400
	57 Pyrene	202	8.263	8.263	(0.876)	7354	0.32883	25(a)
$	78 Terphenyl-d14	244	8.492	8.492	(0.900)	597721	40.1411	3100
*	81 Chrysene-d12	240	9.433	9.433	(1.000)	552001	40.0000	
*	84 Perylene-d12	264	10.751	10.745	(1.000)	407959	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15585.d
Report Date: 31-Mar-2011 13:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15585.d
Lab Smp Id: 460-24279-F-3-B Client Smp ID: PMP-6-SI-E (10.5-11
Inj Date : 31-MAR-2011 05:20
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-3-B
Misc Info : 460-24279-F-3-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.98000	Weight of sample extracted (g)
M	12.95844	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	3.722	3800545	40.000
* 82 Acenaphthene-d10	5.504	2730801	40.000
* 83 Phenanthrene-d10	6.922	2849818	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C12H26 Alkane				CAS #:			
3.869	2527701	26.6035607	2000	0	0	0	80

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15585.d
Report Date: 31-Mar-2011 13:00

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C13H28 Alkane					CAS #:		
3.951	2251085	23.6922323	1800	0		0	80(L)
Unknown					CAS #:		
4.286	2087815	21.9738427	1700	0		0	80
Unknown Alkane					CAS #:		
4.334	3518849	37.0352023	2800	0		0	80
Unknown-2					CAS #:		
4.363	1690090	17.7878657	1400	0		0	80
Unknown Alkane-2					CAS #:		
4.510	3860856	40.6347507	3100	0		0	80
Unknown Alkane-3					CAS #:		
4.945	5137477	75.2523038	5800	0		0	82
Ethylnaphthalene isomer					CAS #:		
5.051	1933458	28.3207417	2200	0		0	82
C14H30 Alkane					CAS #:		
5.086	2750424	40.2874335	3100	0		0	82
Dimethylnaphthalene isomer					CAS #:		
5.128	2886230	42.2766745	3200	0		0	82
Unknown-3					CAS #:		
5.345	1762084	25.8105031	2000	0		0	82
Unknown Alkane-4					CAS #:		
5.404	4567911	66.9094609	5100	0		0	82
Unknown-4					CAS #:		
5.428	2415831	35.3864019	2700	0		0	82
C15H32 Alkane					CAS #:		
5.616	4405787	64.5347188	4900	0		0	82
Trimethylnaphthalene isomer					CAS #:		
5.645	1809357	26.5029494	2000	0		0	82
Trimethylnaphthalene isomer-2					CAS #:		
5.775	1926204	28.2144948	2200	0		0	82

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15585.d
Report Date: 31-Mar-2011 13:00

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Trimethylnaphthalene isomer-3					CAS #:		
5.845	2829839	41.4506756	3200	0		0	82
Unknown-5					CAS #:		
5.869	3326047	48.7189837	3700	0		0	82
Trimethylnaphthalene isomer-4					CAS #:		
5.922	2880851	42.1978780	3200	0		0	82
C16H34 Alkane					CAS #:		
6.098	4230632	61.9690995	4800	0		0	82
Unknown Alkane-5					CAS #:		
6.316	4426489	62.1301189	4800	0		0	83
Unknown Alkane-6					CAS #:		
6.575	9147488	128.393994	9800	0		0	83
Unknown Alkane-7					CAS #:		
7.016	2467814	34.6382013	2600	0		0	83
Cyclic octaatomic sulfur					CAS #: 10544-50-0		
8.039	1742827	24.4622865	1900	94	NIST02.l	92478	83

QC Flag Legend

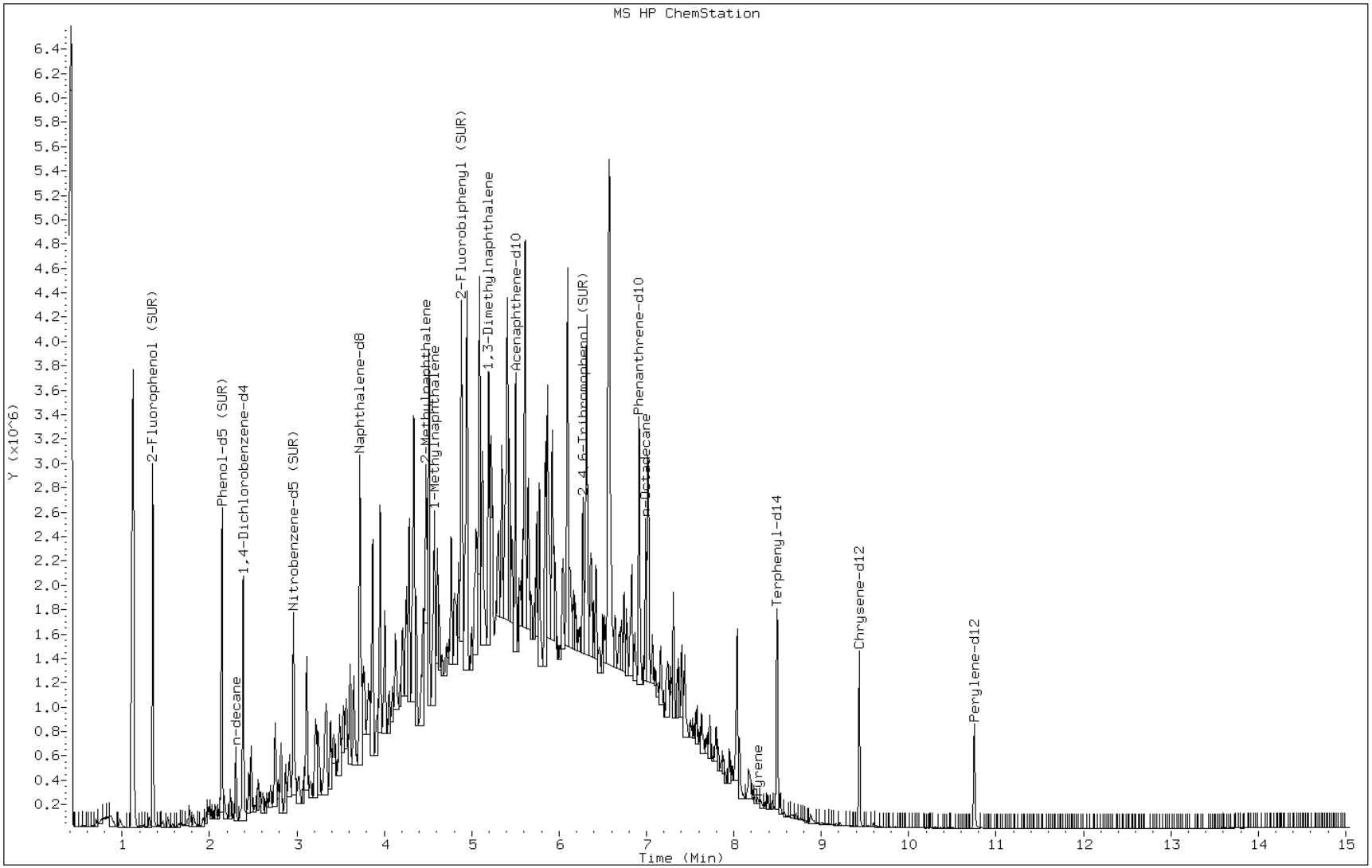
L - Operator selected an alternate library search match.

Data File: z15585.d

Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4



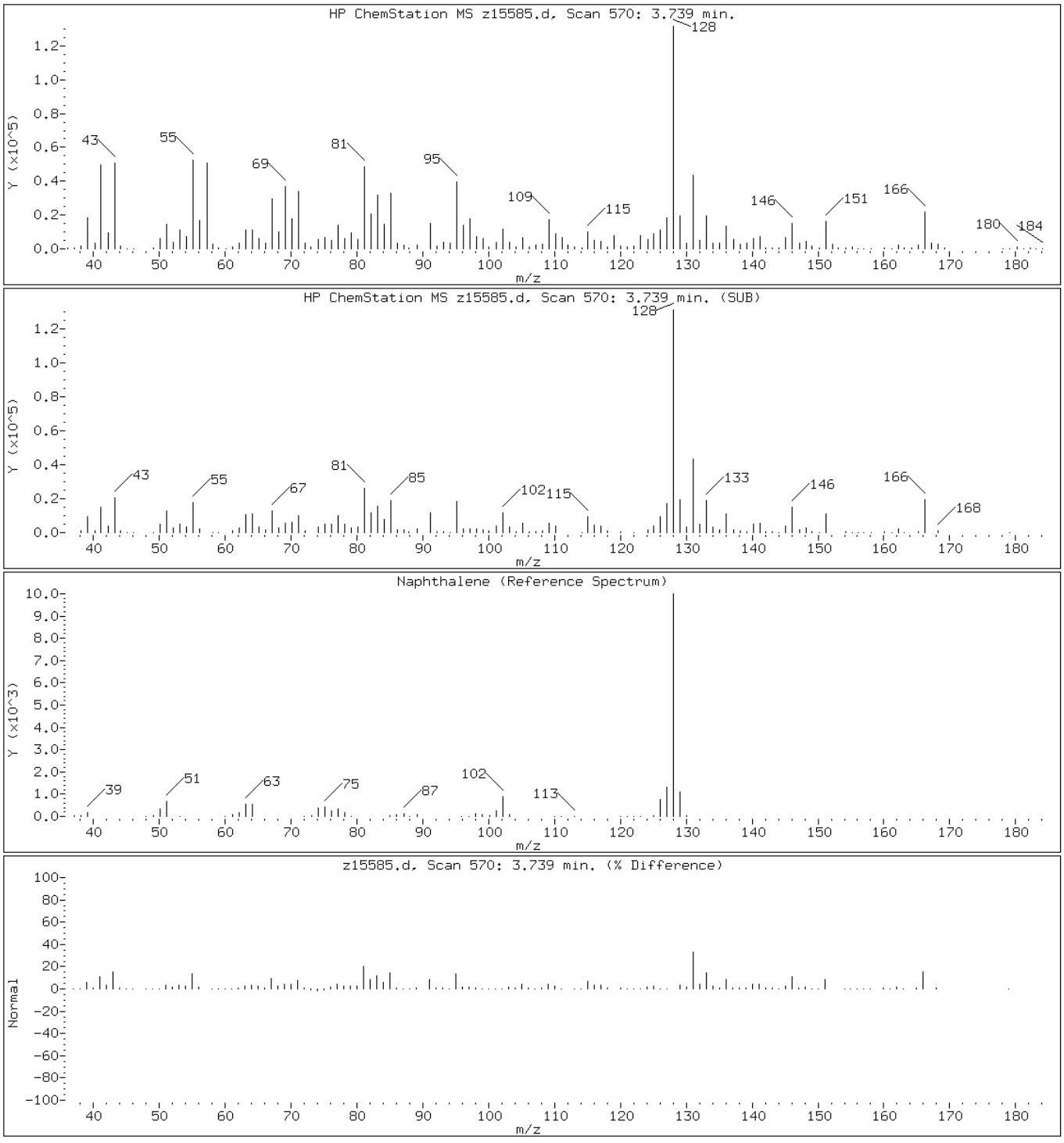
Data File: z15585.d

Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

31 Naphthalene



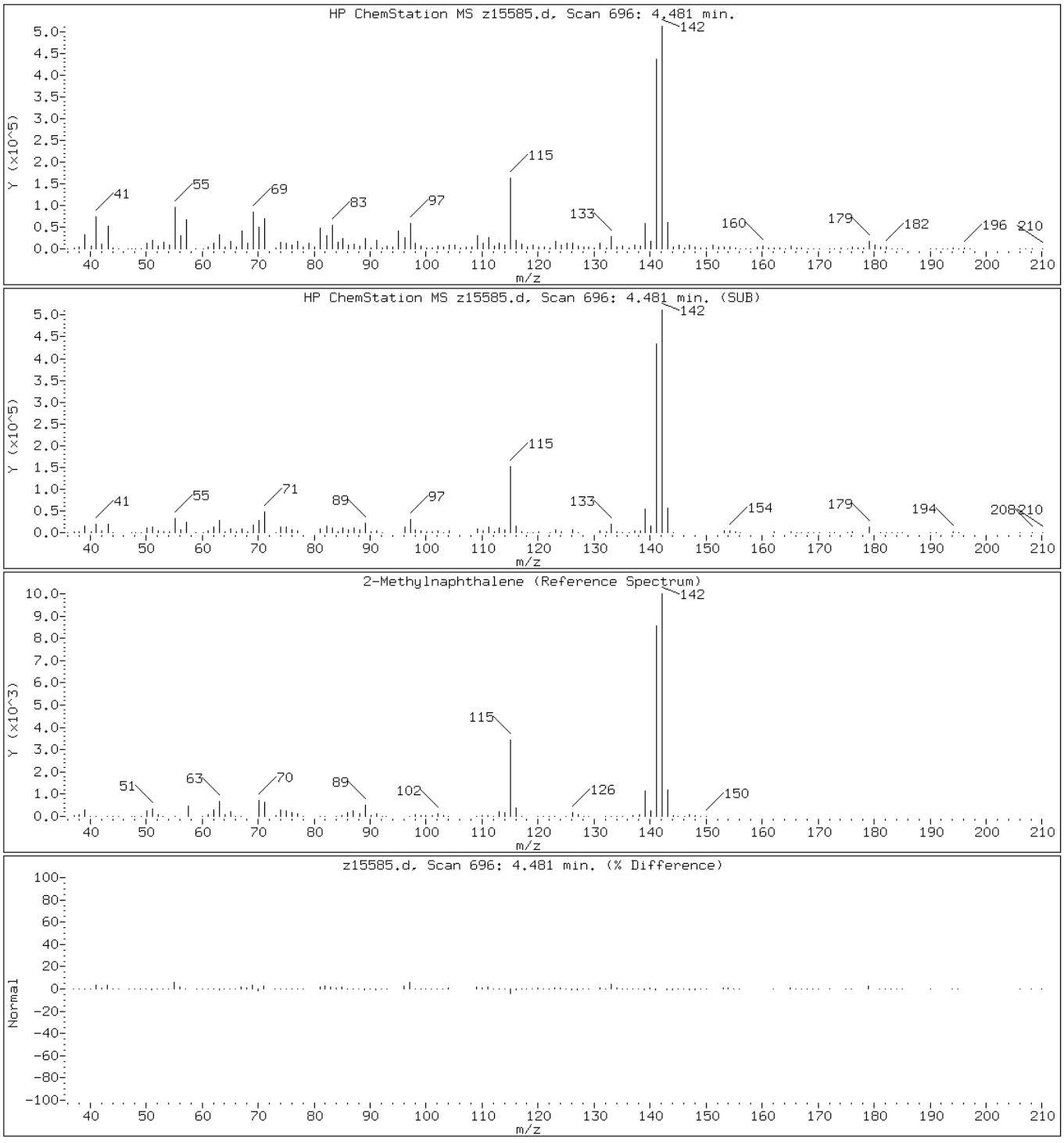
Data File: z15585.d

Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

34 2-Methylnaphthalene



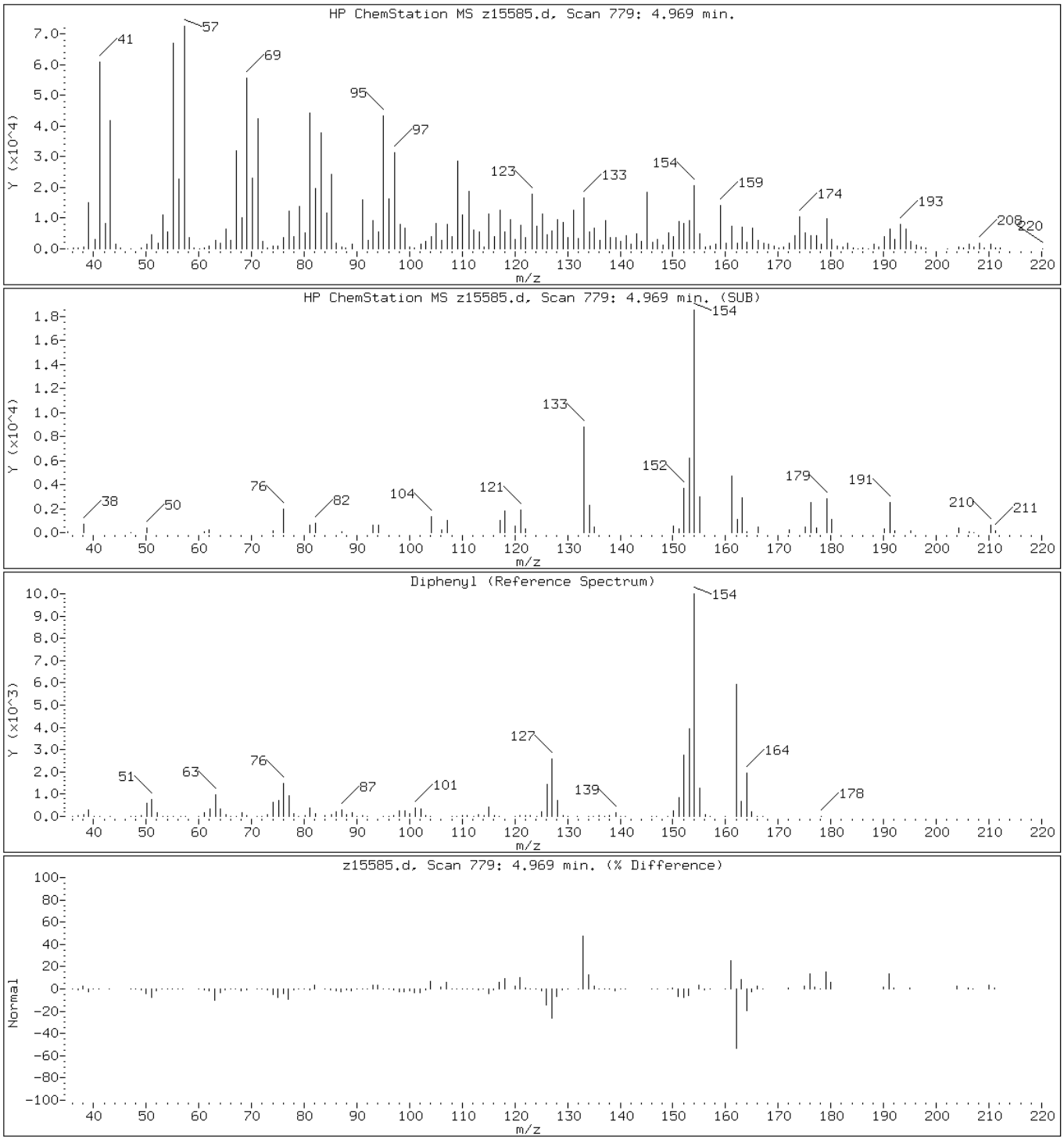
Data File: z15585.d

Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

102 Diphenyl



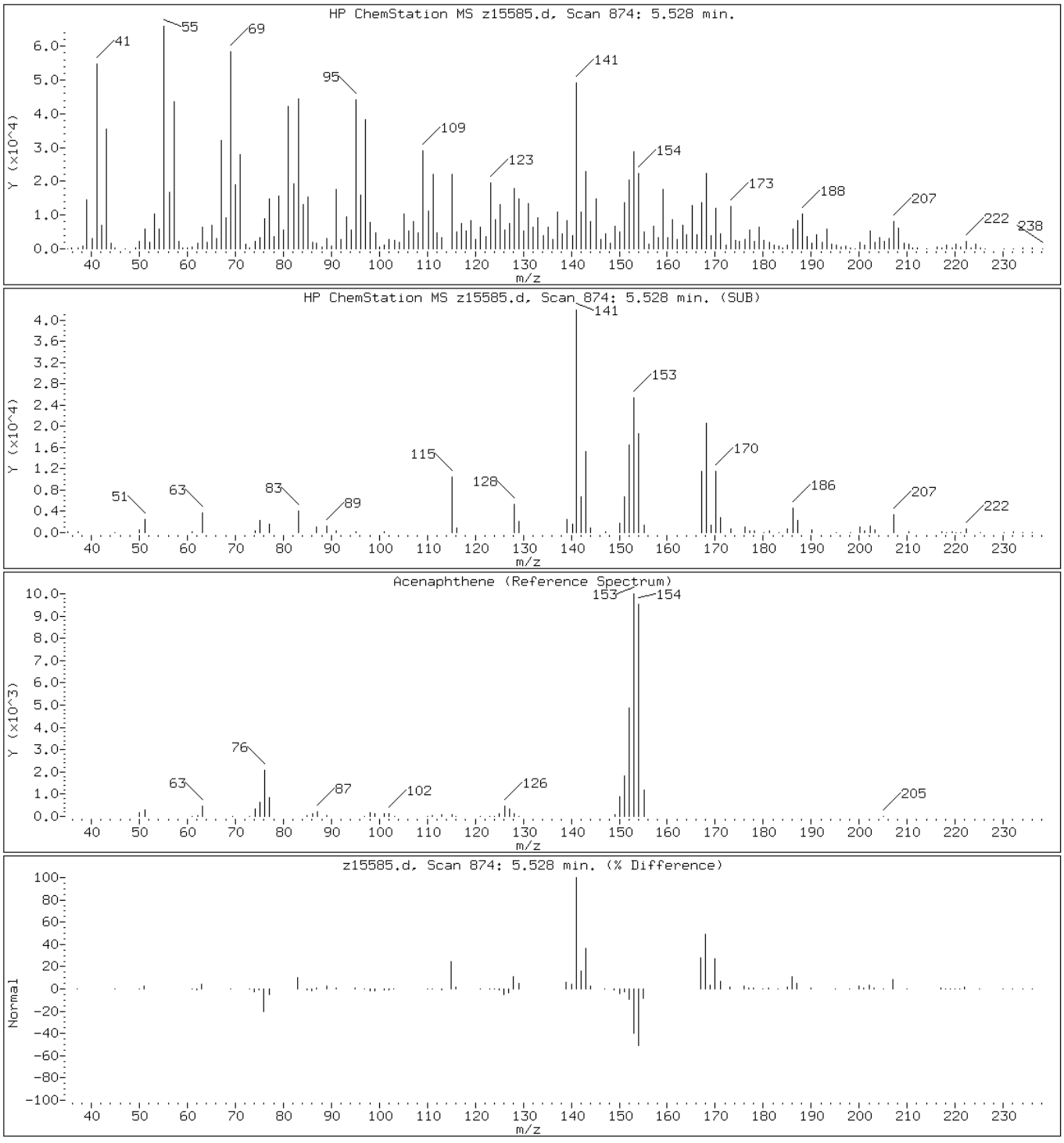
Data File: z15585.d

Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

42 Acenaphthene



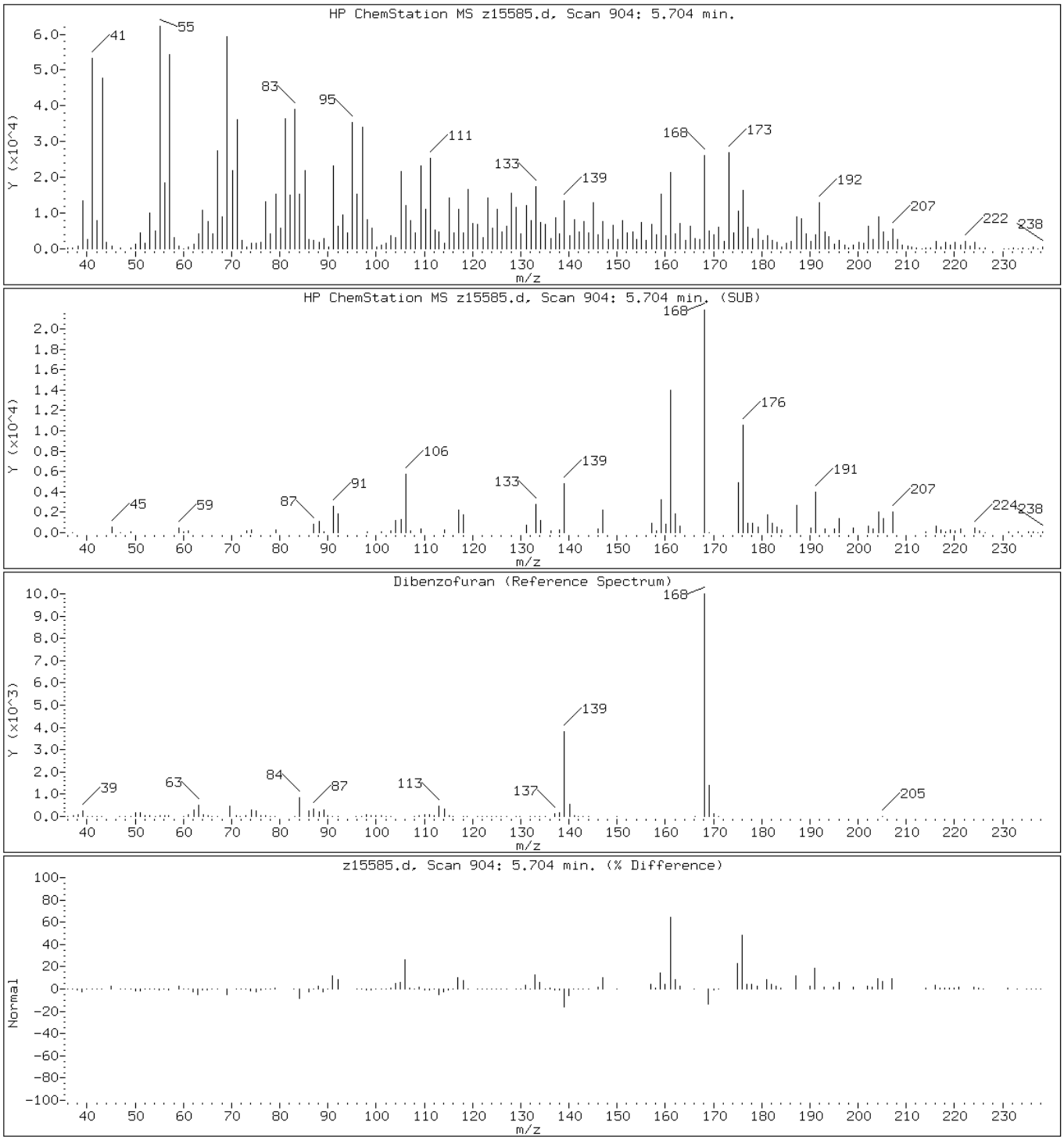
Data File: z15585.d

Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

43 Dibenzofuran



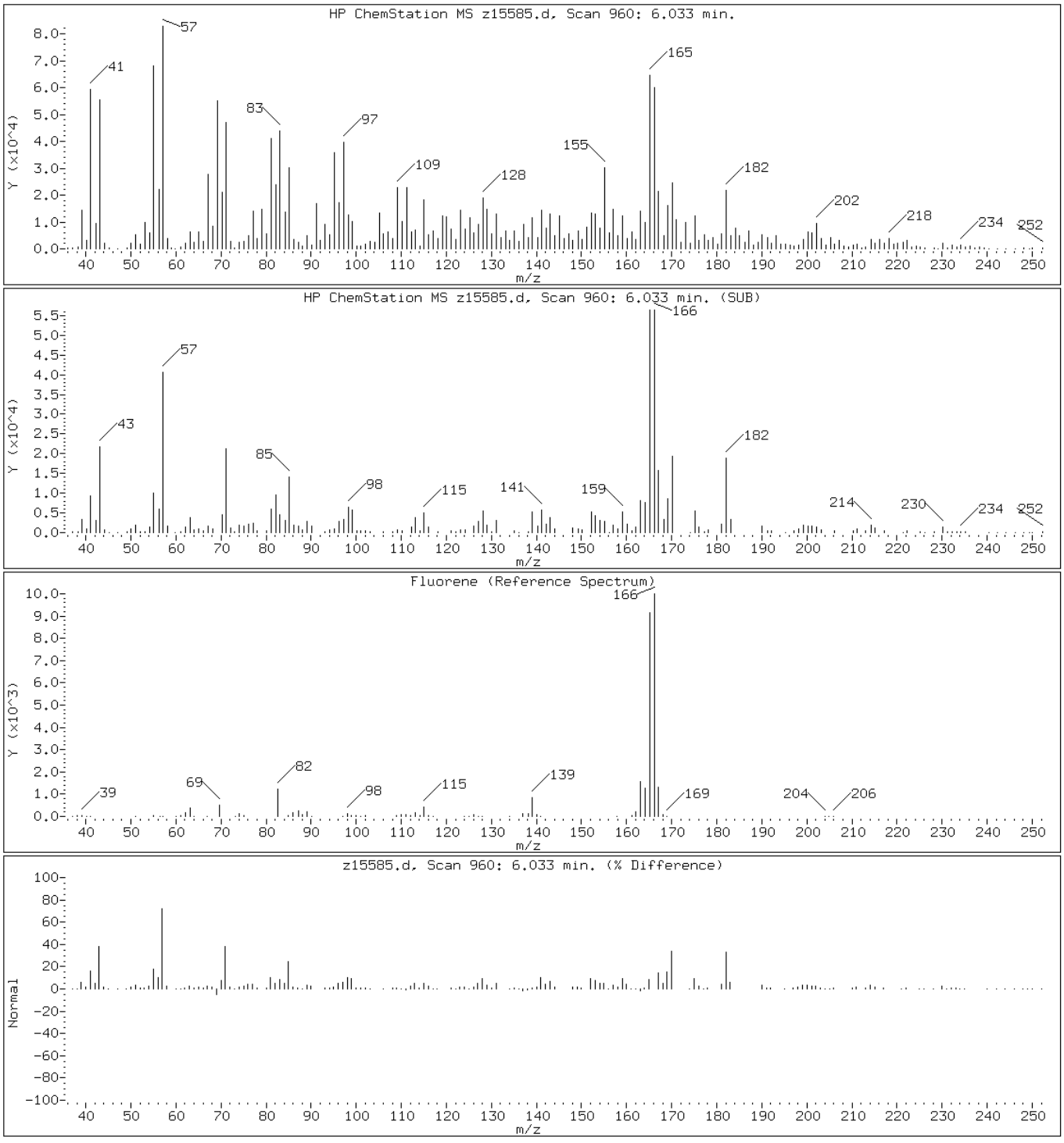
Data File: z15585.d

Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

47 Fluorene



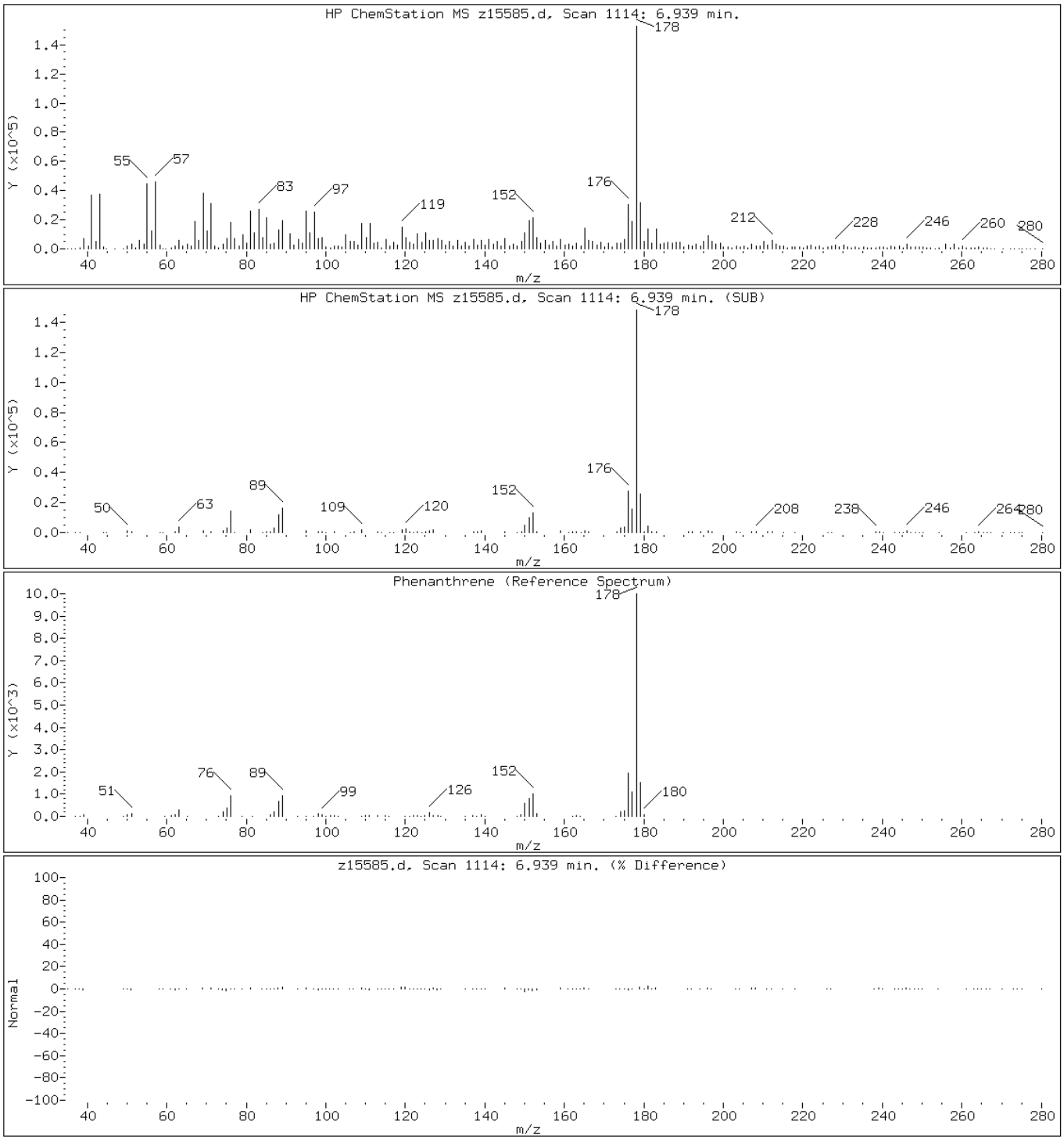
Data File: z15585.d

Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

52 Phenanthrene



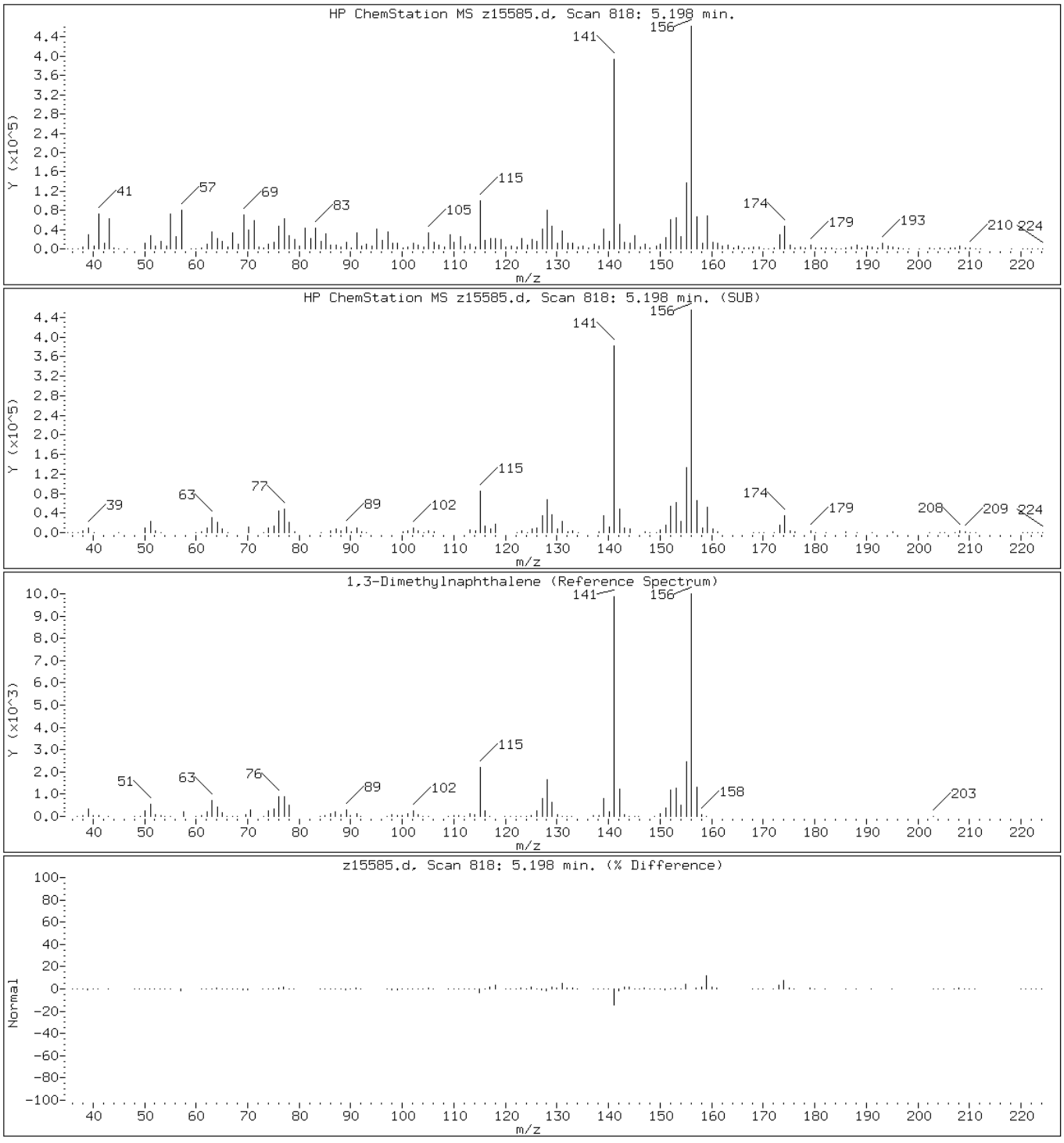
Data File: z15585.d

Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



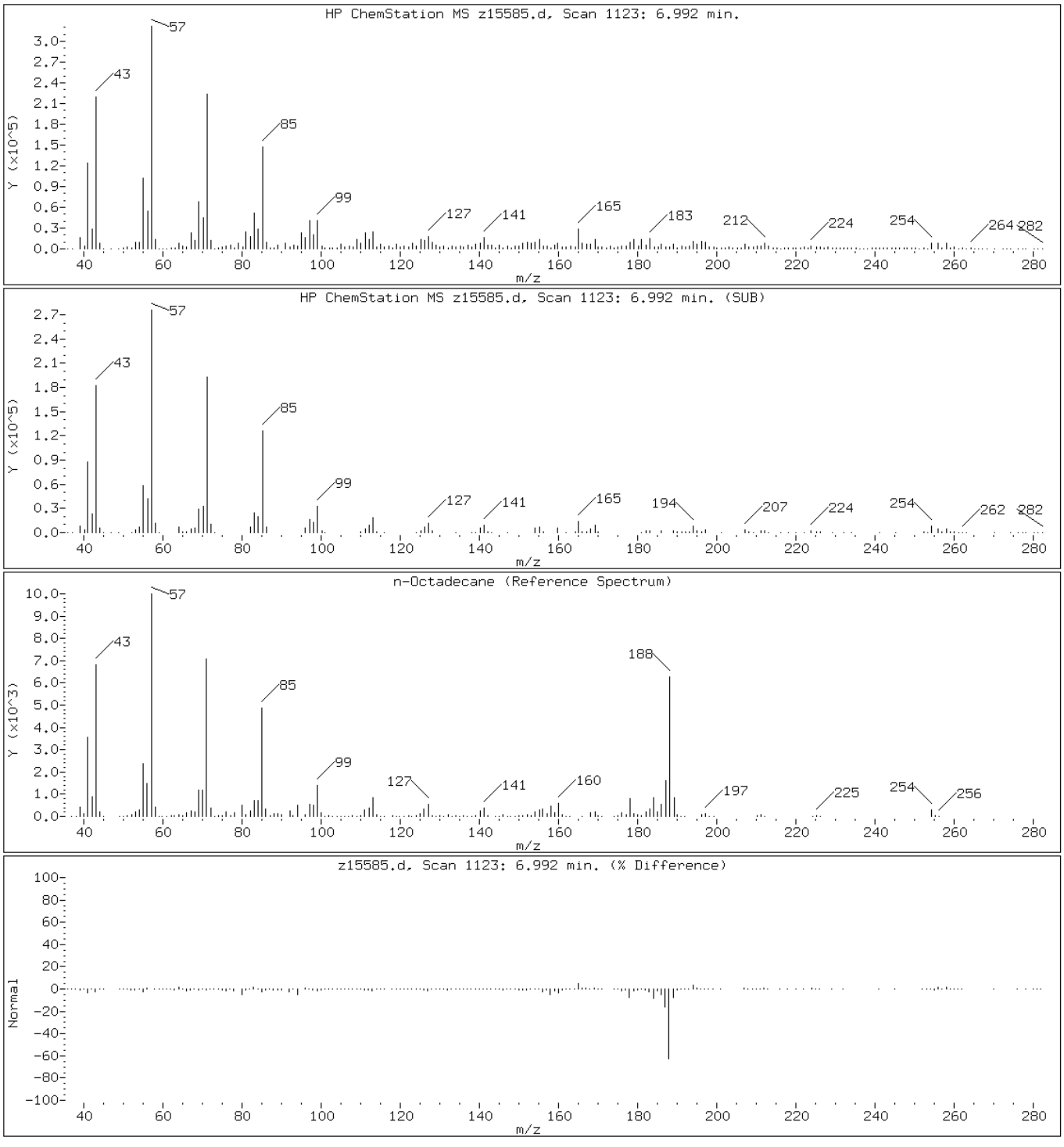
Data File: z15585.d

Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

115 n-Octadecane



Data File: z15585.d

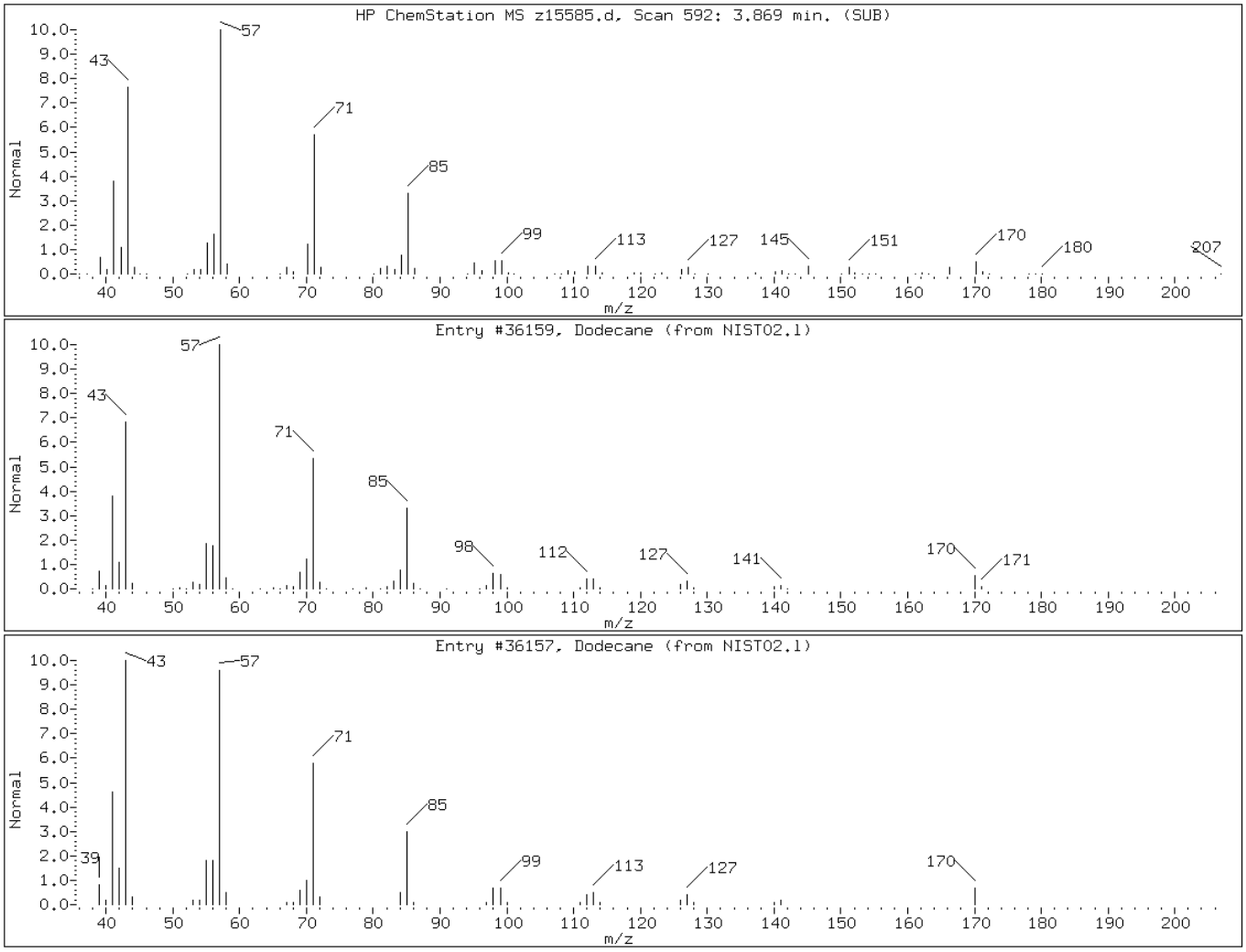
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 3.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170
Dodecane	112-40-3	NIST02.l	36157	87	C12H26	170



Data File: z15585.d

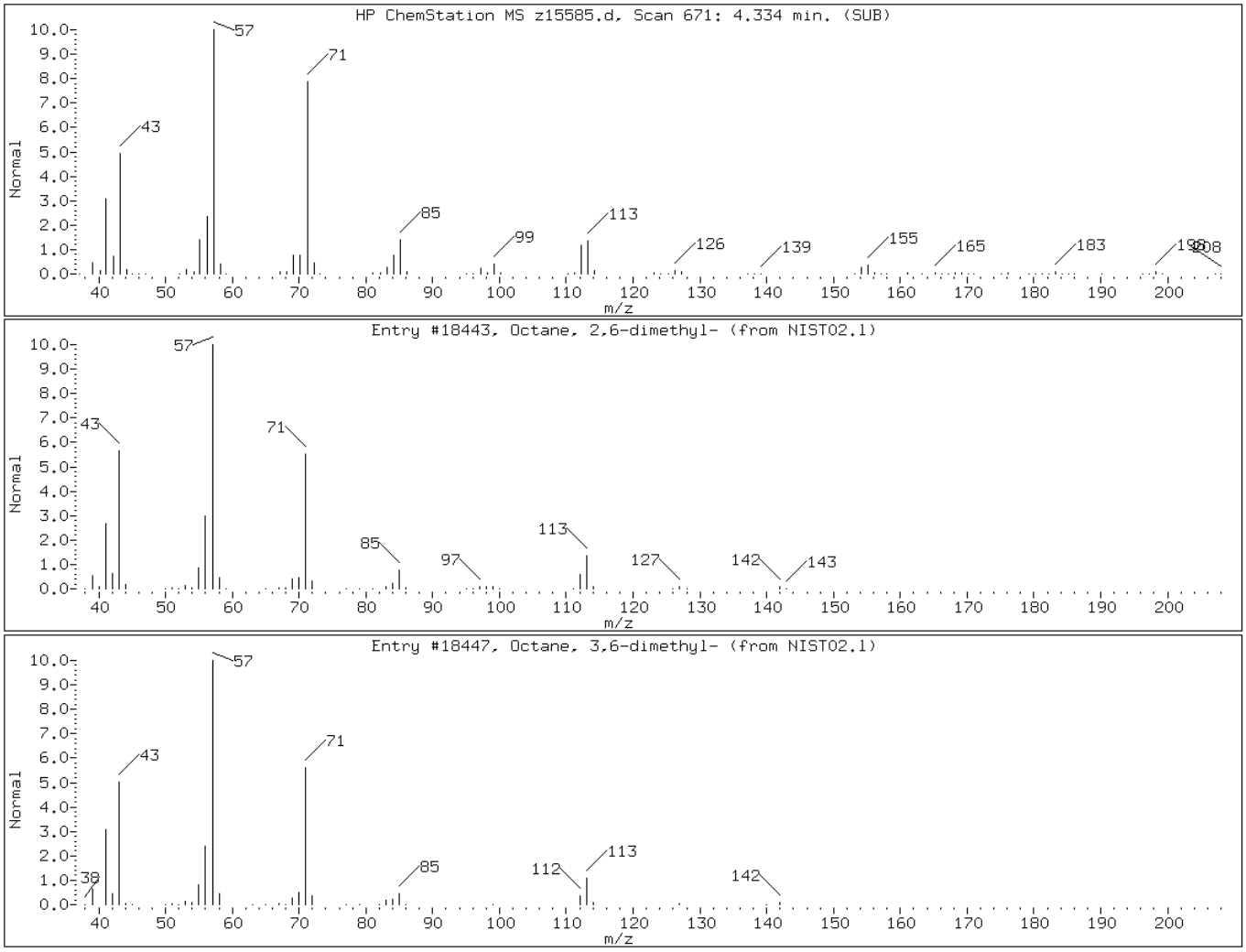
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 4.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	86	C10H22	142
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18447	72	C10H22	142



Data File: z15585.d

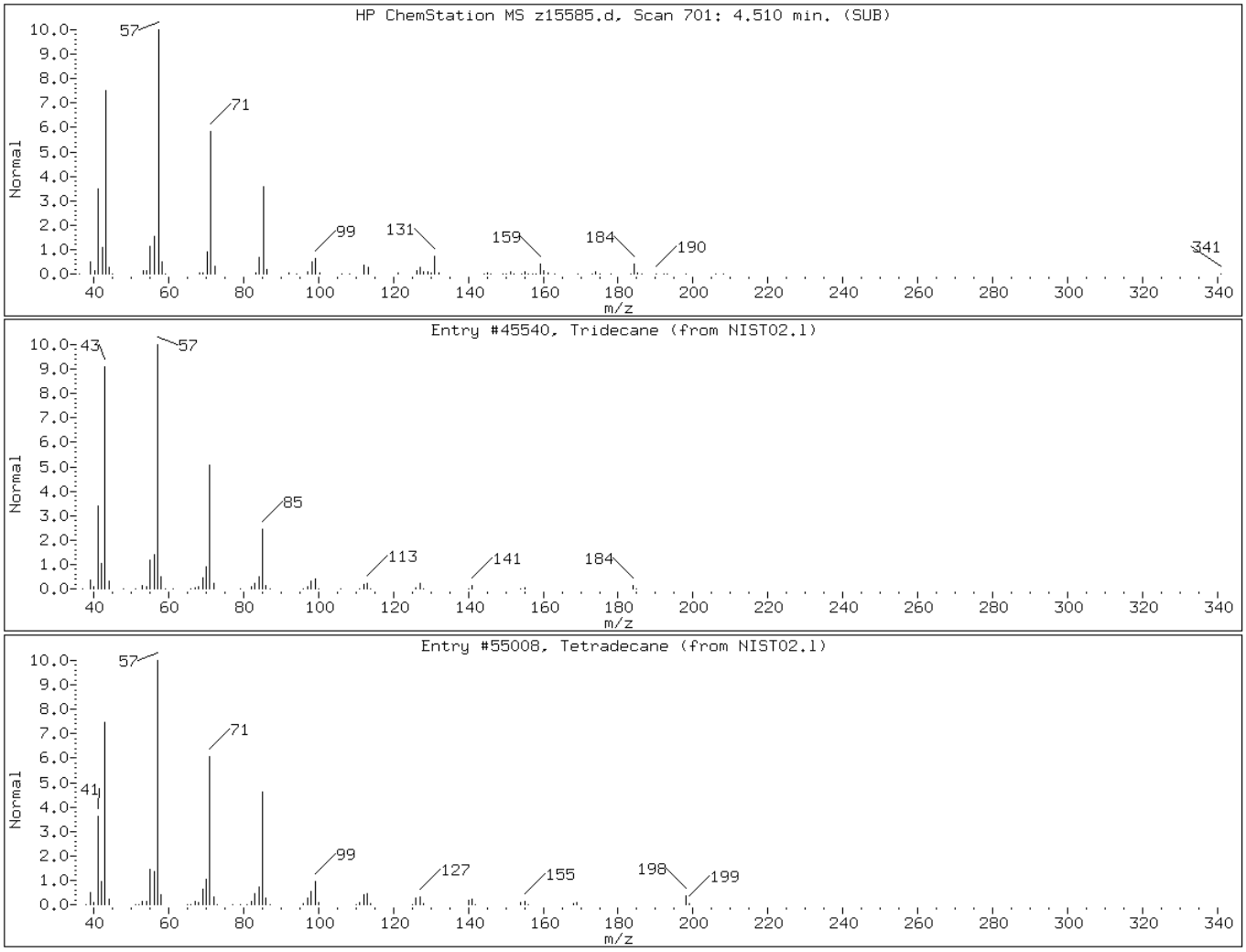
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 4.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane	629-50-5	NIST02.l	45540	87	C13H28	184
Tetradecane	629-59-4	NIST02.l	55008	80	C14H30	198



Data File: z15585.d

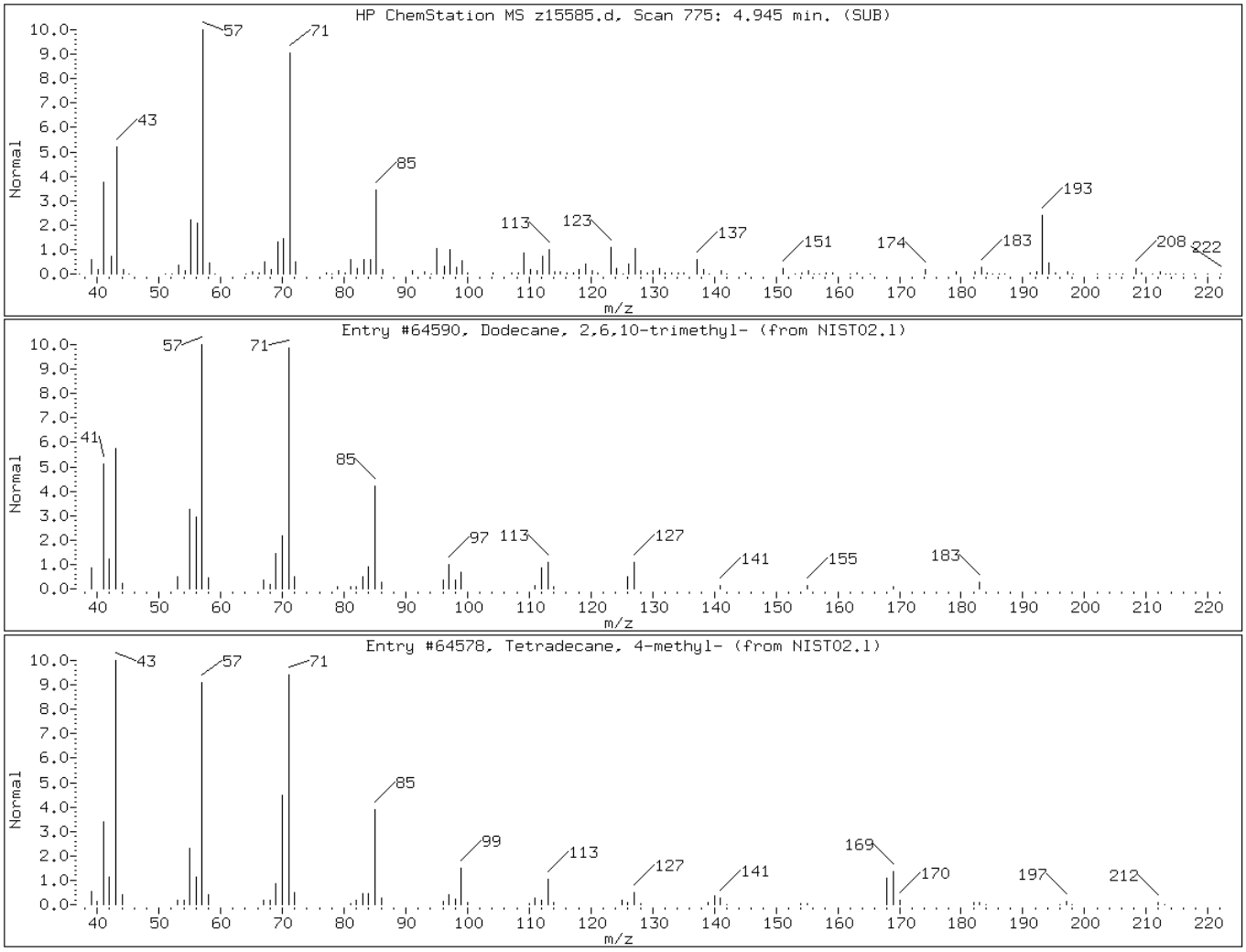
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 4.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	70	C15H32	212
Tetradecane, 4-methyl-	25117-24-2	NIST02.l	64578	58	C15H32	212



Data File: z15585.d

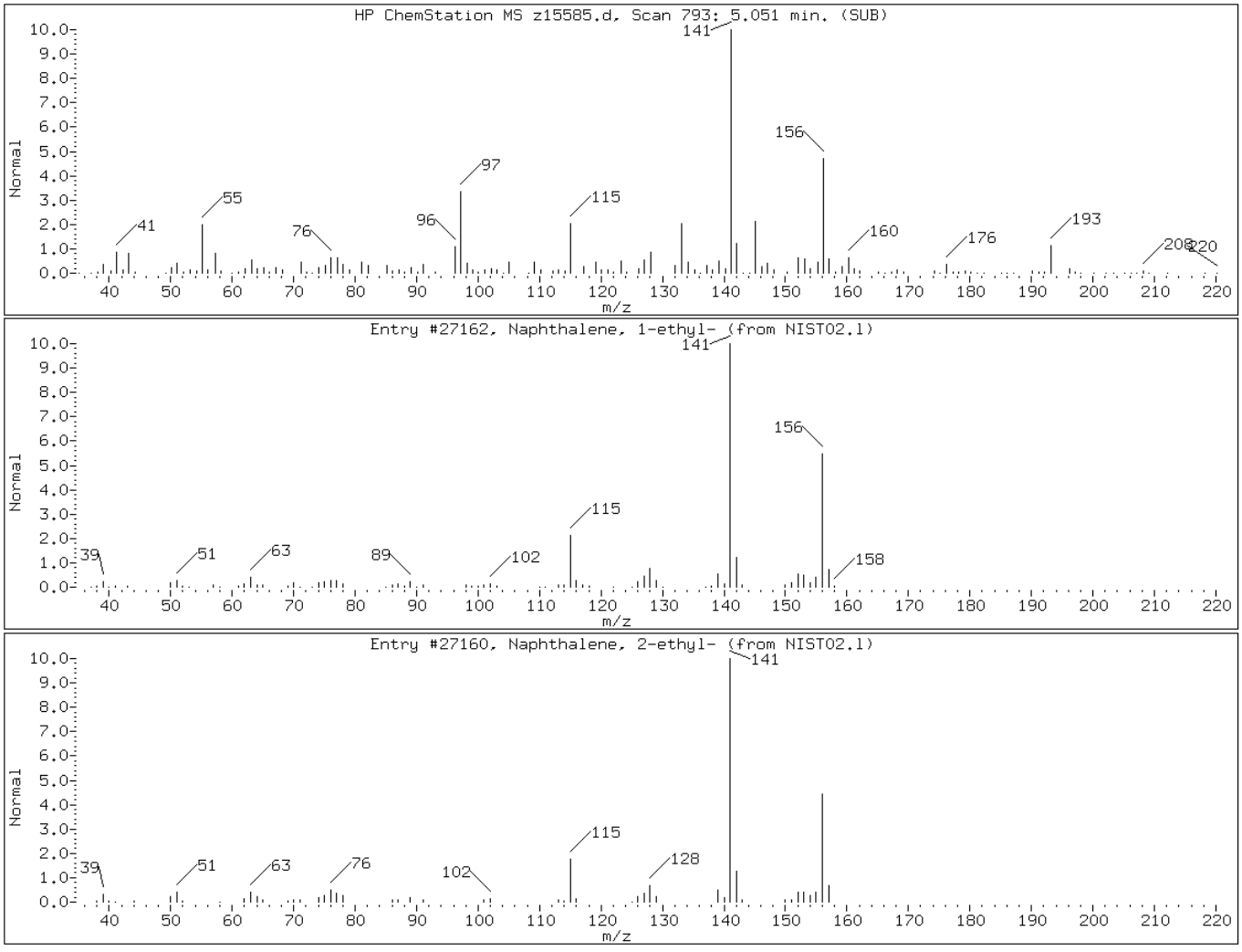
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 5.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylnaphthalene isomer						
Naphthalene, 1-ethyl-	1127-76-0	NIST02.l	27162	92	C12H12	156
Naphthalene, 2-ethyl-	939-27-5	NIST02.l	27160	91	C12H12	156



Data File: z15585.d

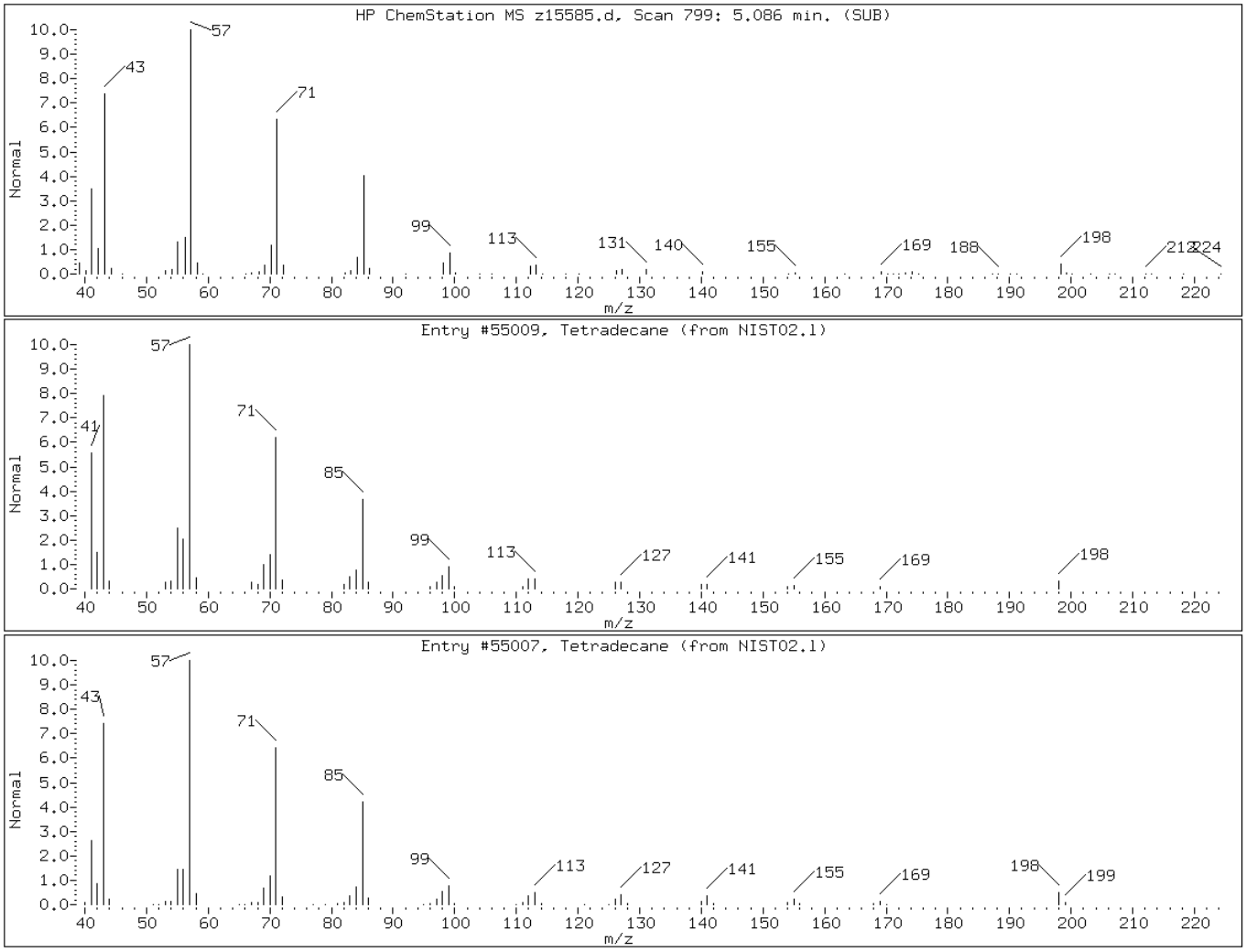
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 5.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55009	94	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	94	C14H30	198



Data File: z15585.d

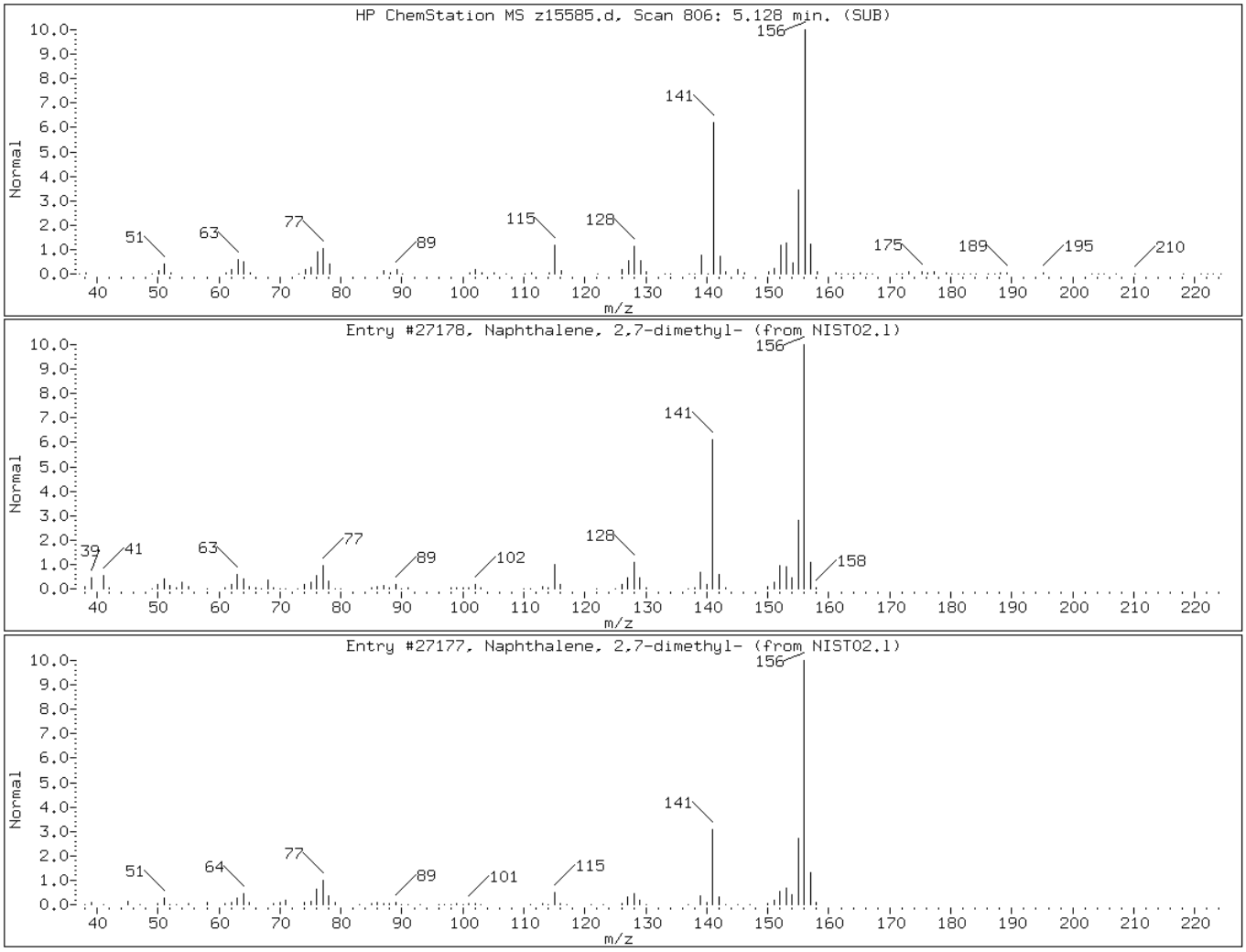
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 5.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	98	C12H12	156
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27177	97	C12H12	156



Data File: z15585.d

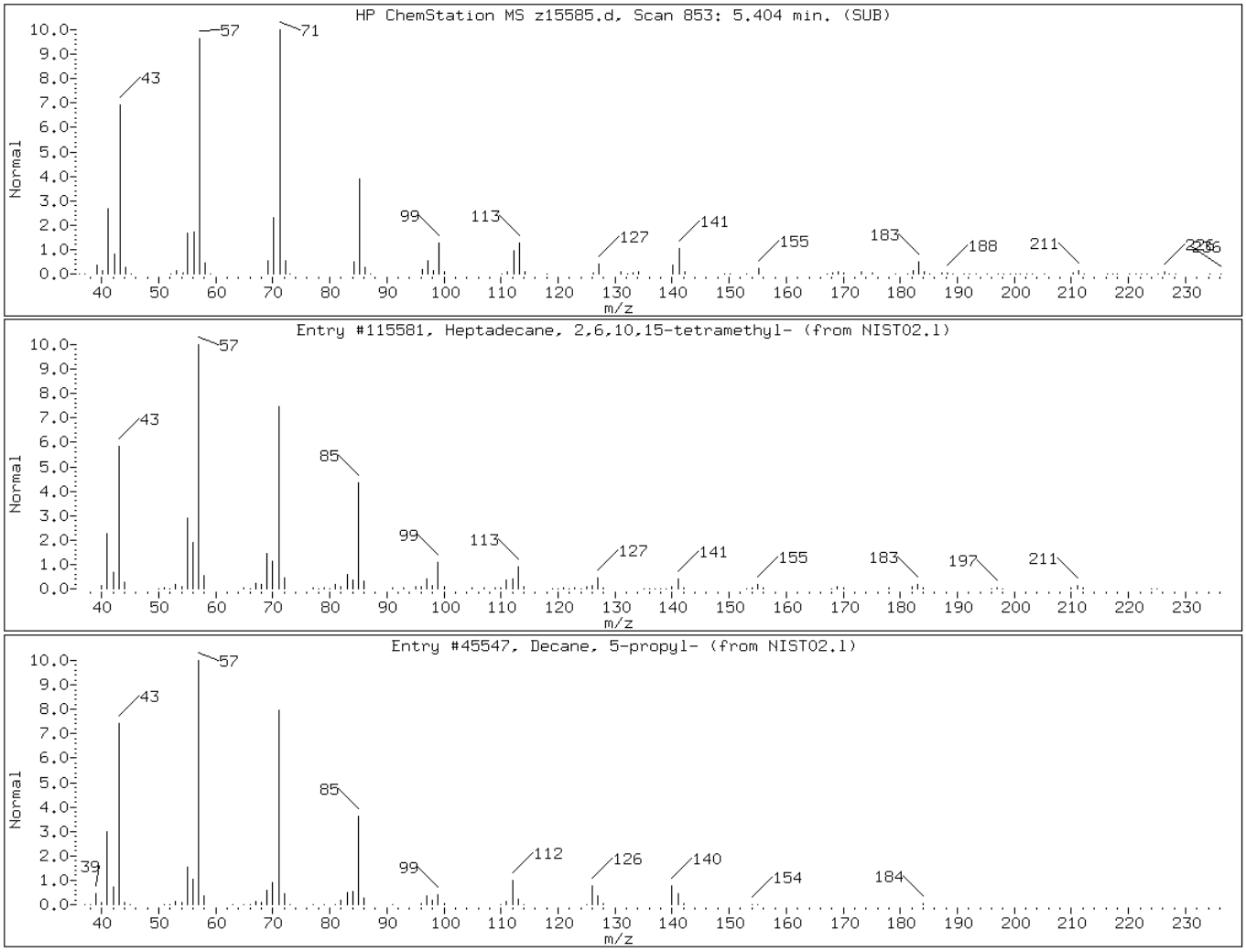
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 5.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Heptadecane, 2,6,10,15-tetramethyl	54833-48-6	NIST02.l	115581	80	C21H44	296
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	76	C13H28	184



Data File: z15585.d

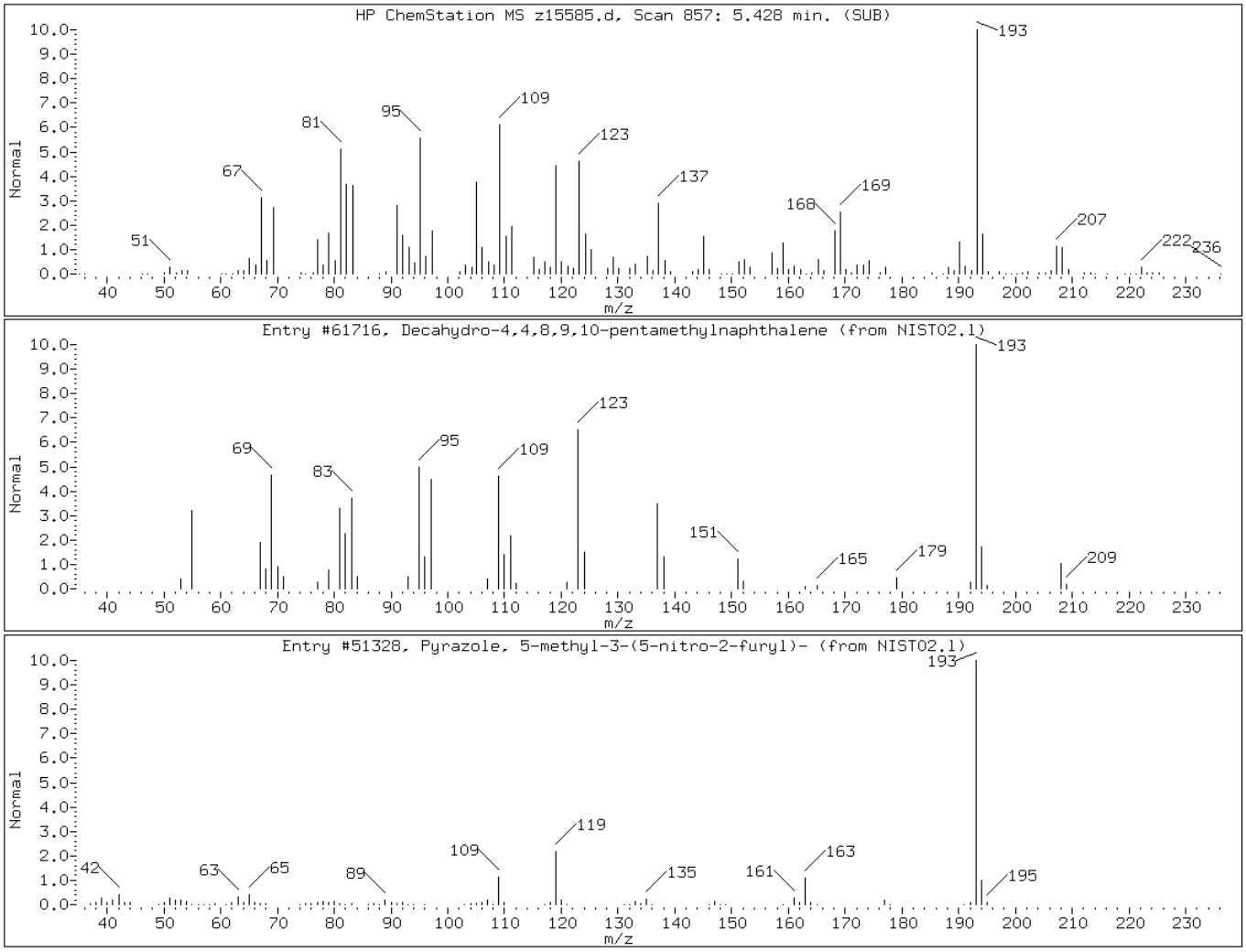
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 5.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	78	C15H28	208
Pyrazole, 5-methyl-3-(5-nitro-2-fu	16239-90-0	NIST02.l	51328	38	C8H7N3O3	193



Data File: z15585.d

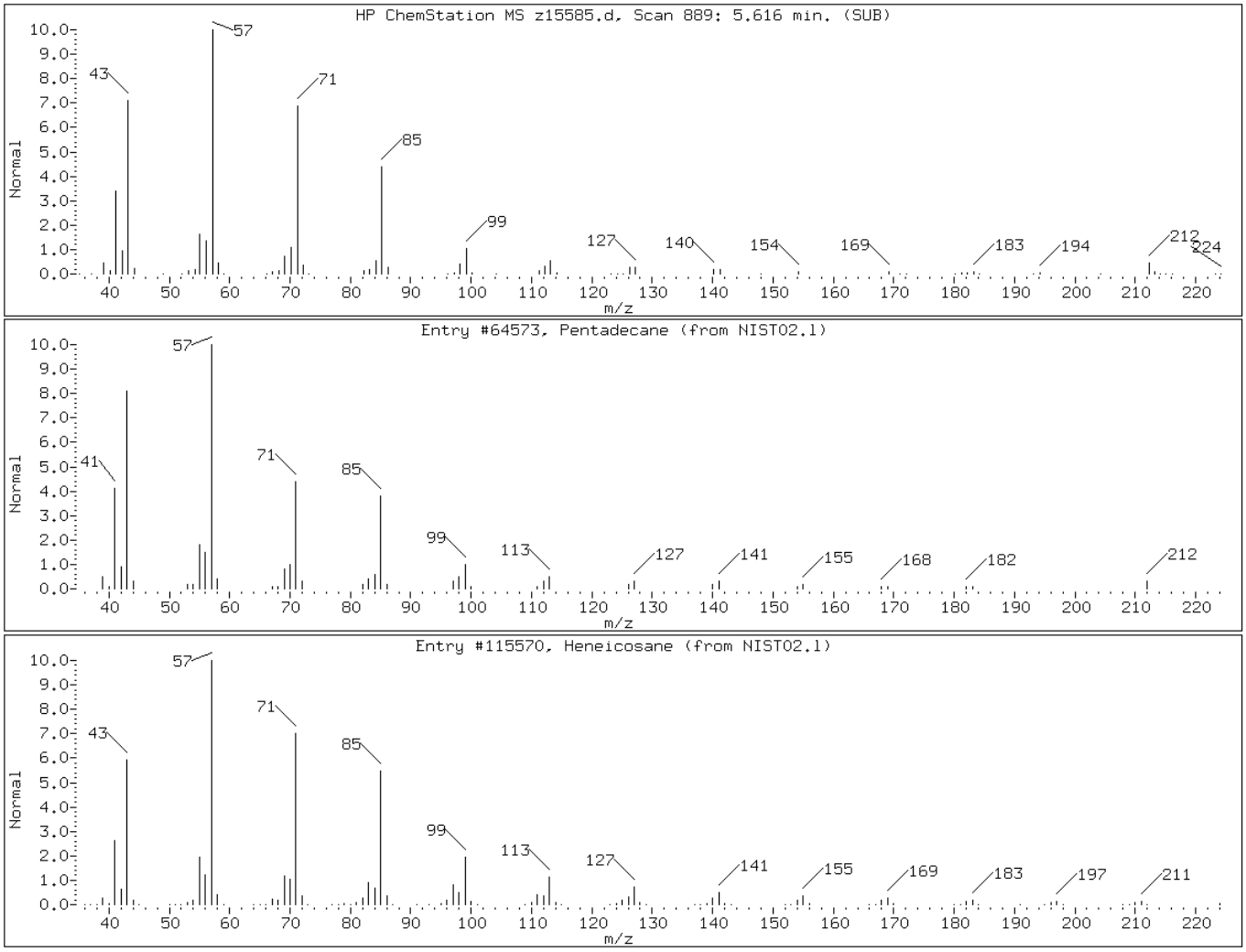
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 5.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Pentadecane	629-62-9	NIST02.l	64573	90	C15H32	212
Heneicosane	629-94-7	NIST02.l	115570	90	C21H44	296



Data File: z15585.d

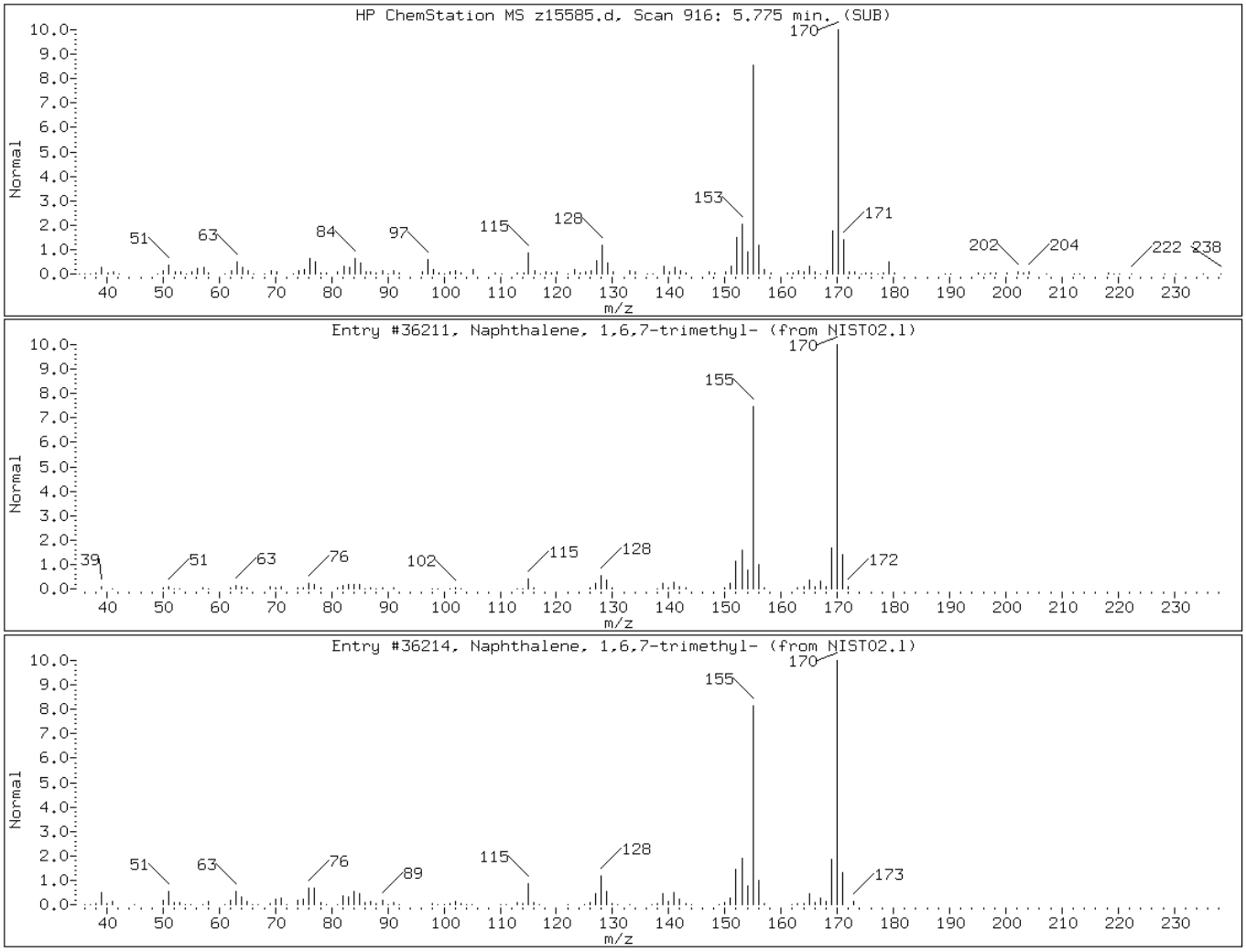
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 5.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	96	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	95	C13H14	170



Data File: z15585.d

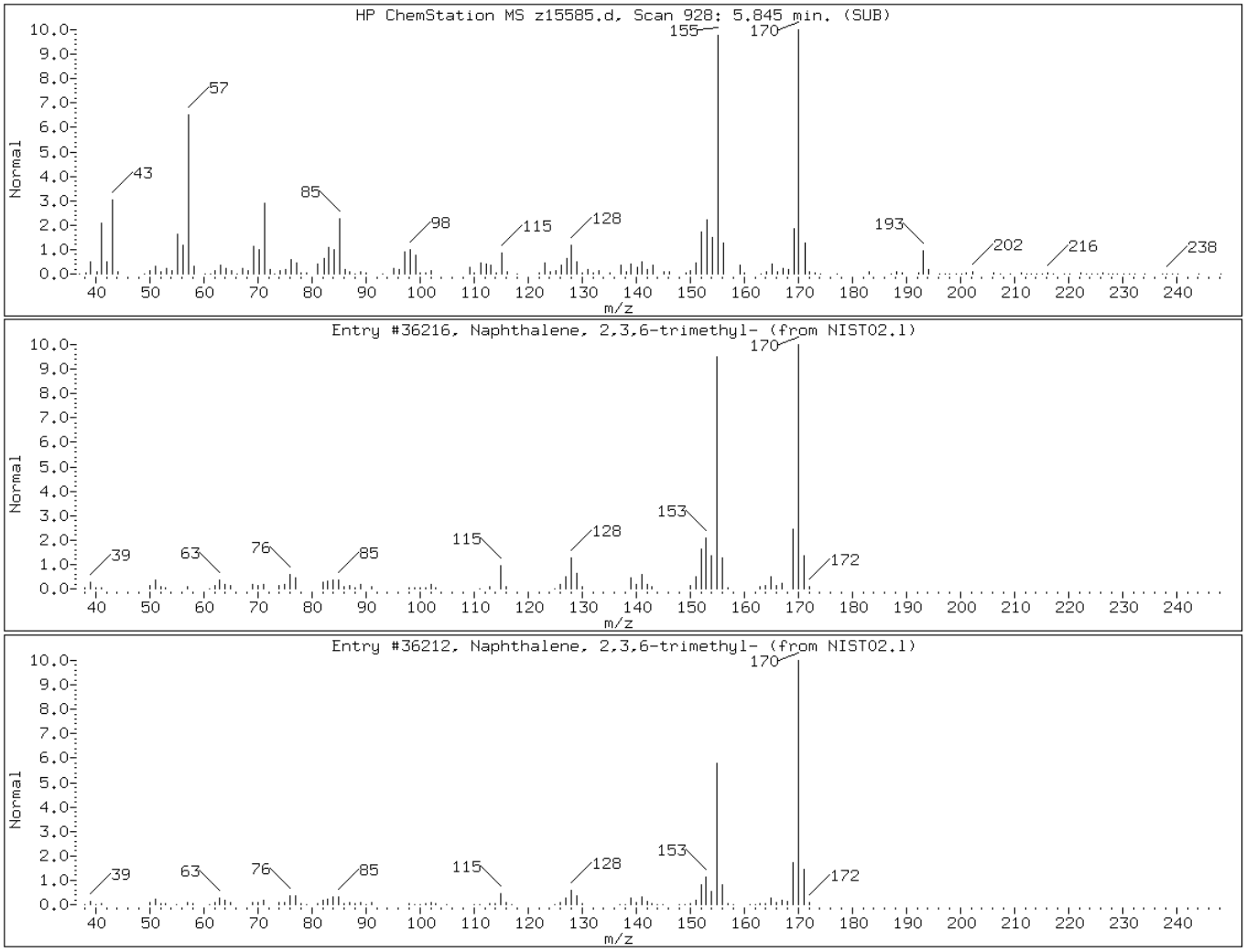
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 5.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	98	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36212	97	C13H14	170



Data File: z15585.d

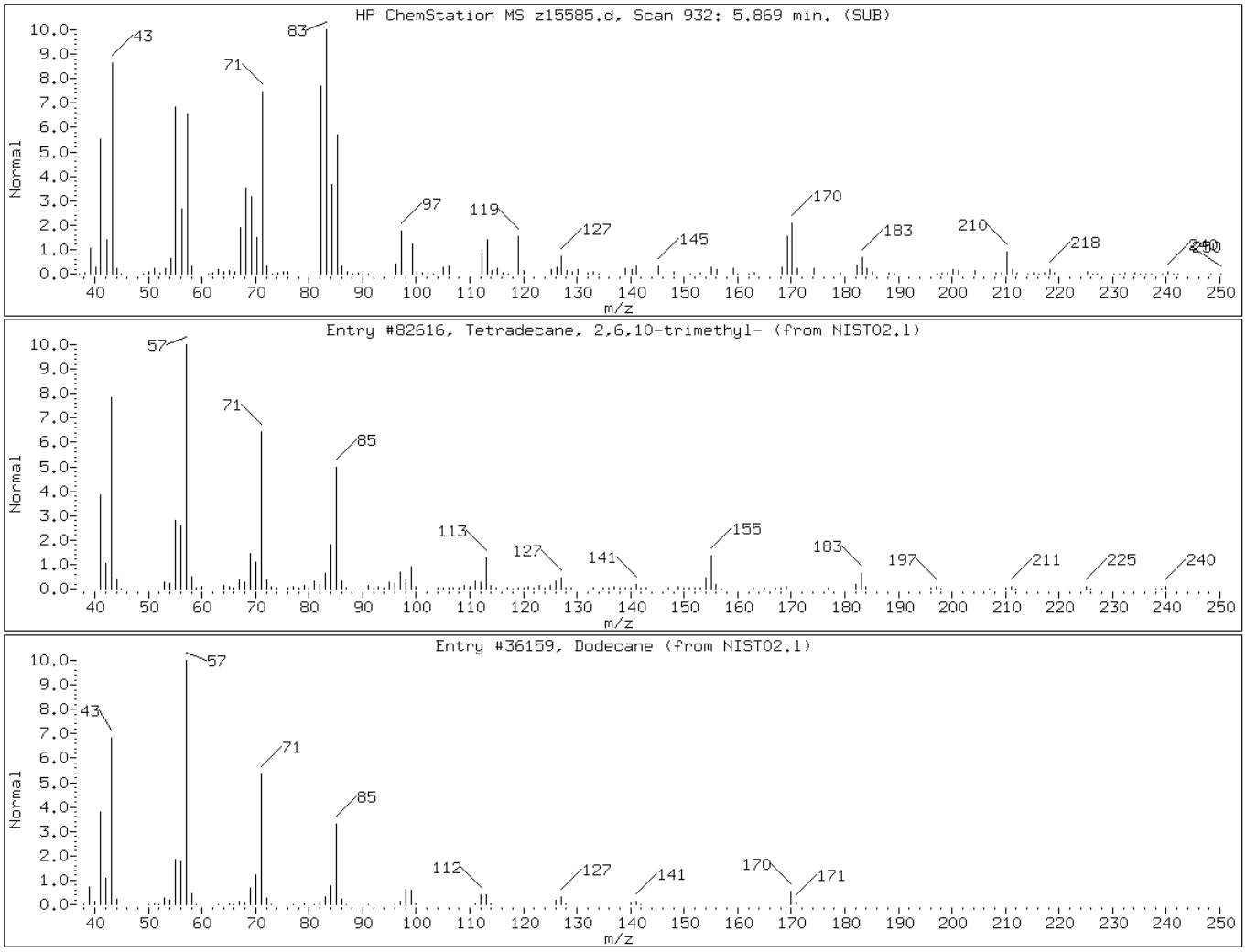
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 5.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST02.l	82616	51	C17H36	240
Dodecane	112-40-3	NIST02.l	36159	46	C12H26	170



Data File: z15585.d

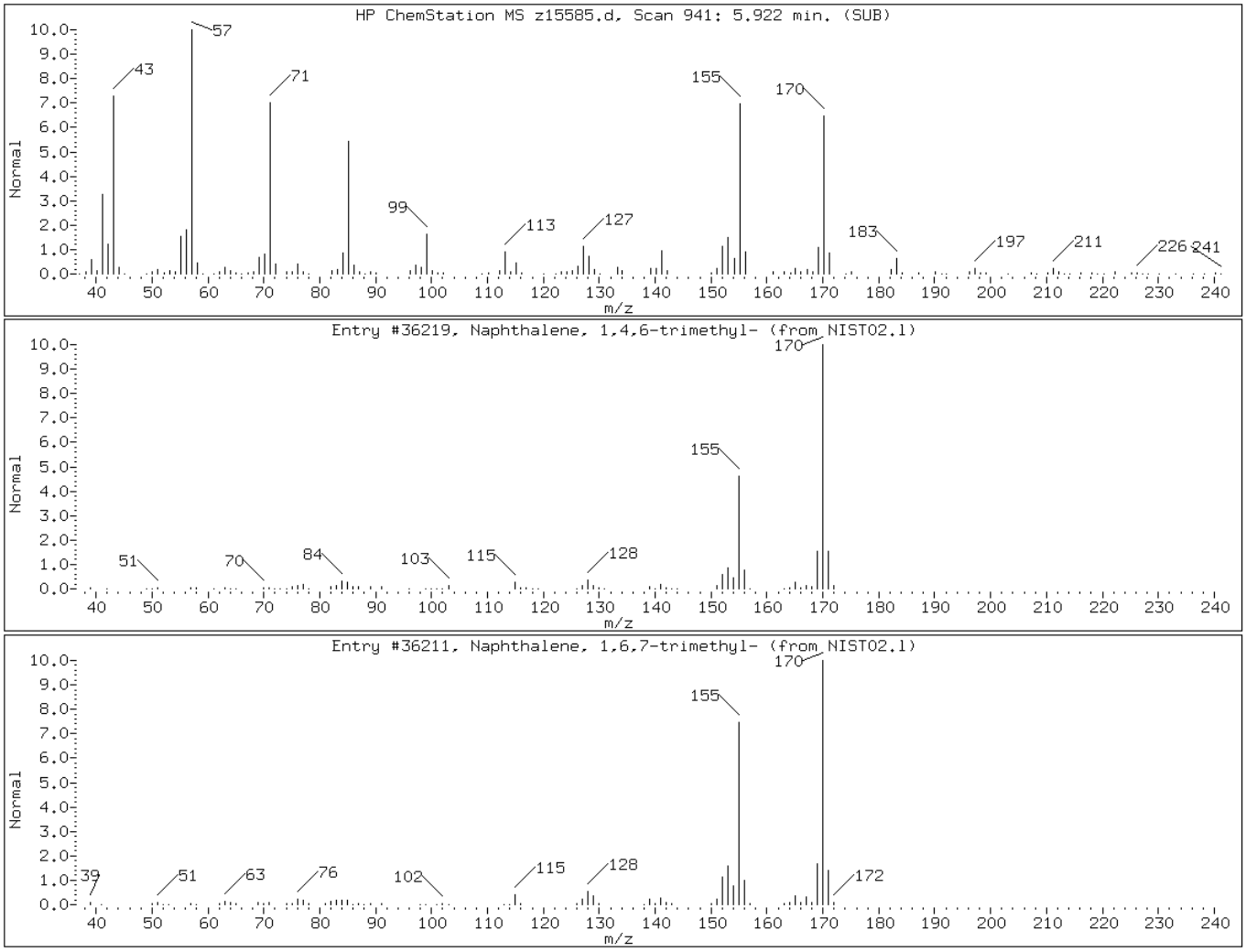
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 5.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-4						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36219	90	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	89	C13H14	170



Data File: z15585.d

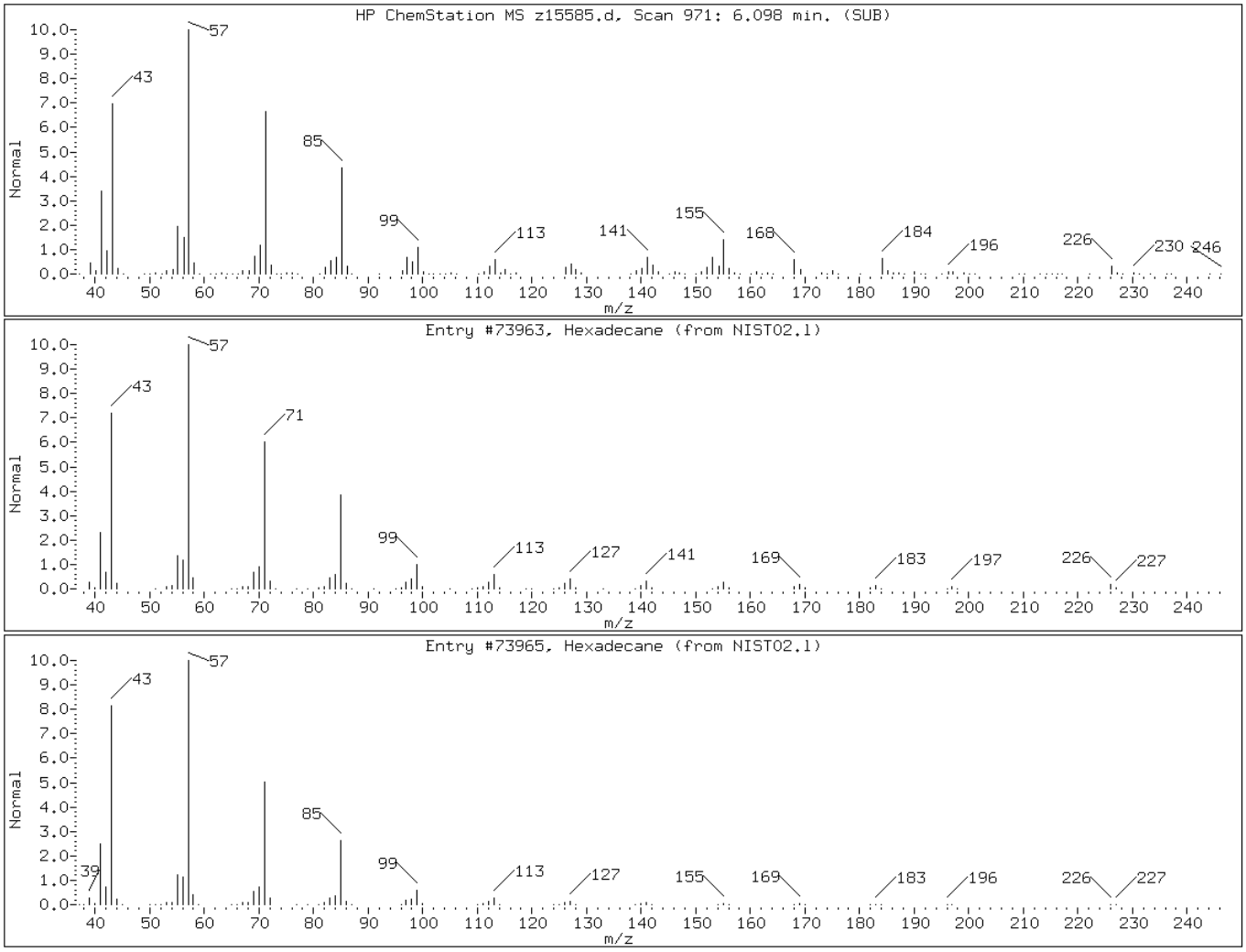
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 6.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C16H34 Alkane						
Hexadecane	544-76-3	NIST02.l	73963	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	95	C16H34	226



Data File: z15585.d

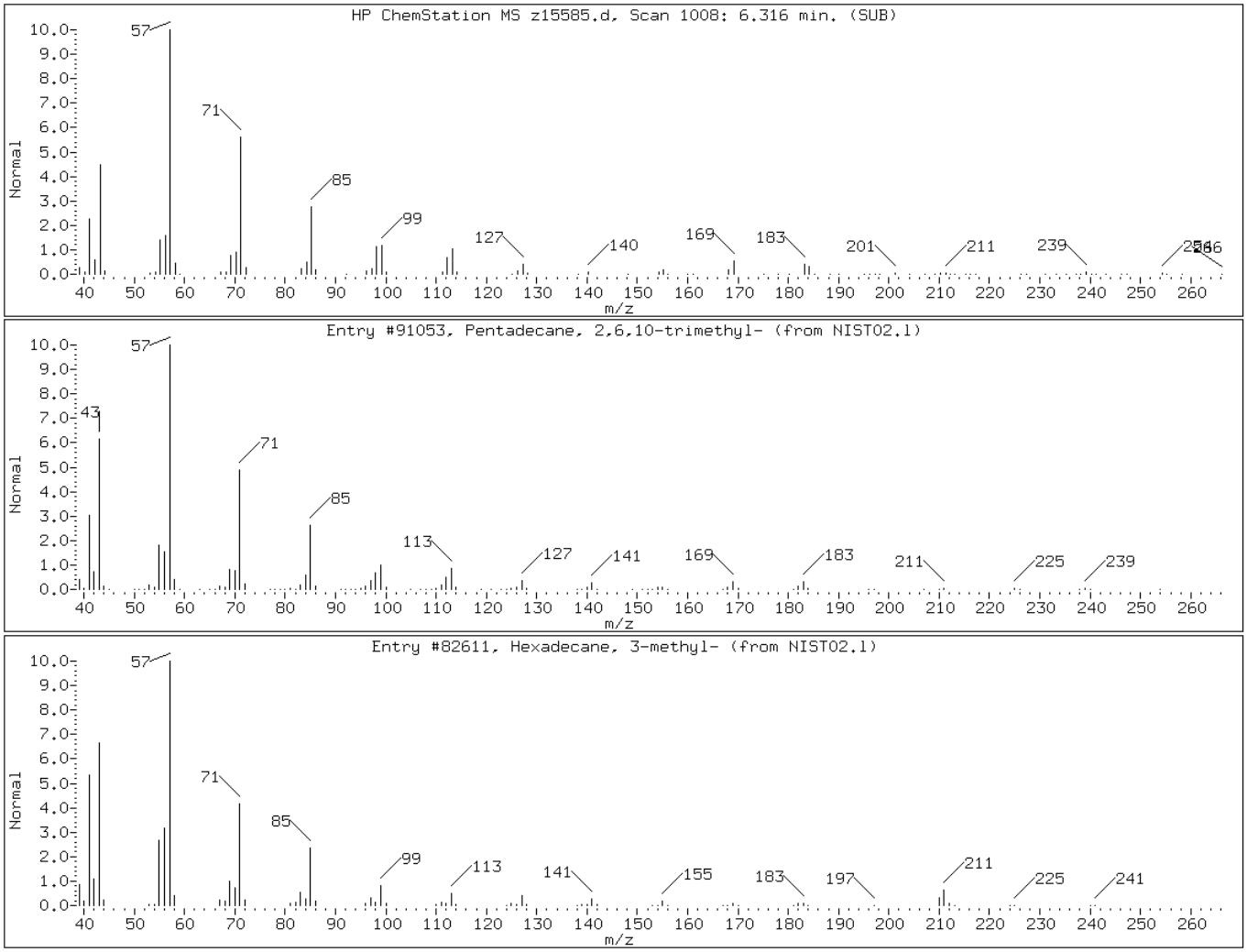
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	90	C18H38	254
Hexadecane, 3-methyl-	6418-43-5	NIST02.l	82611	83	C17H36	240



Data File: z15585.d

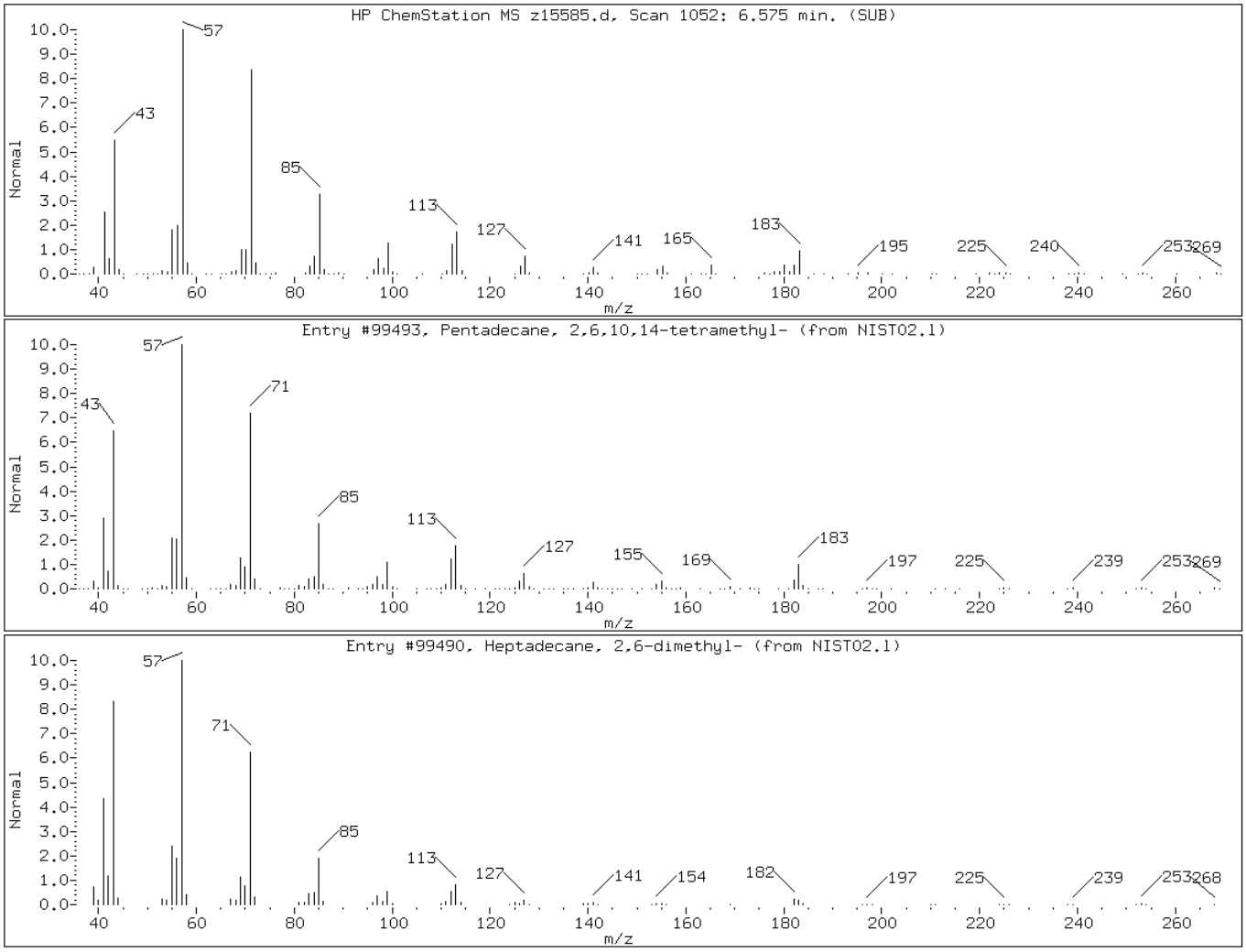
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 6.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	97	C19H40	268
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	91	C19H40	268



Data File: z15585.d

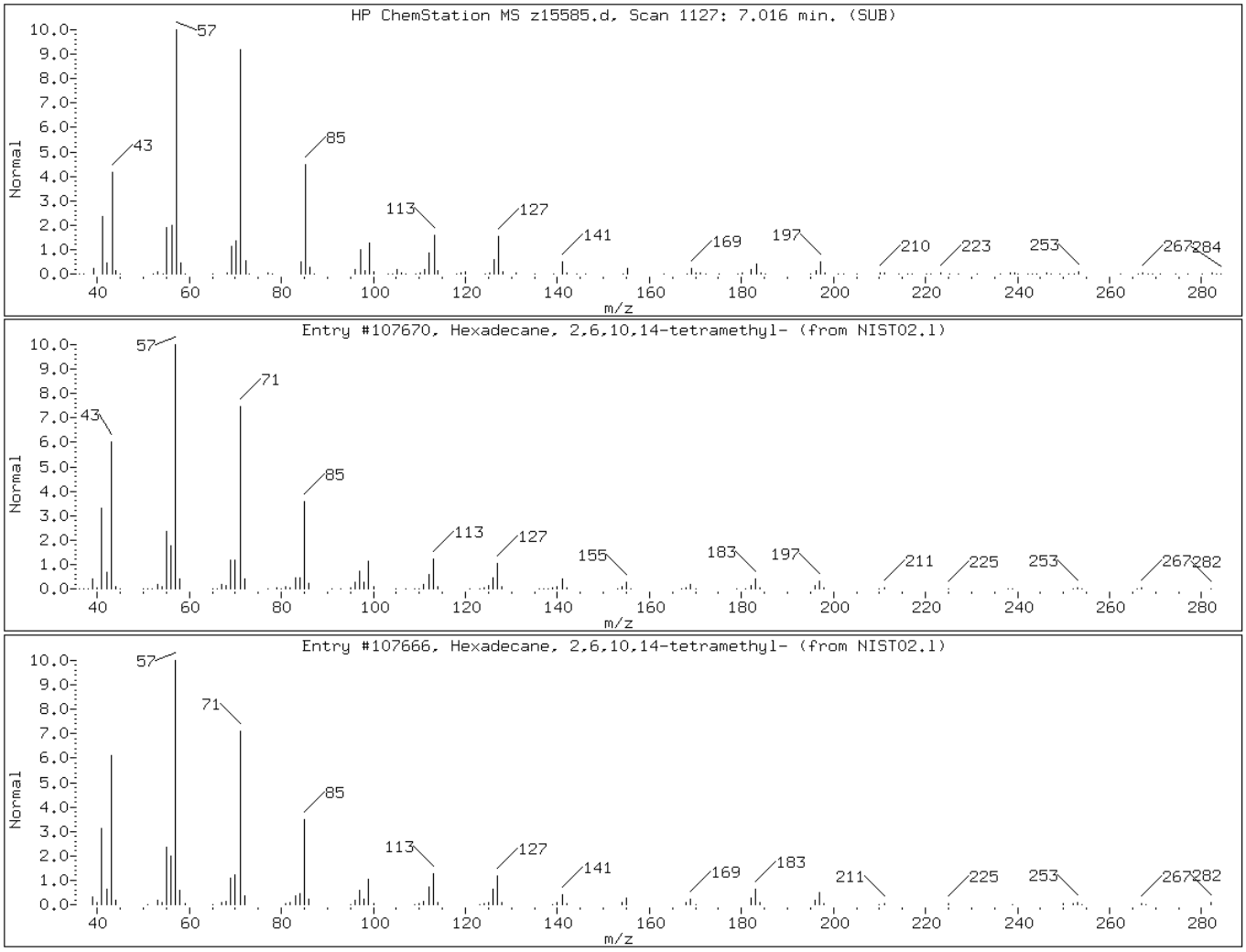
Date: 31-MAR-2011 05:20

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-3-B Operator: BNAMS 4

Retention Time: 7.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	93	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	91	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-4

Matrix: Solid | Lab File ID: z15586.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:05

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.95(g) | Date Analyzed: 03/31/2011 05:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	50
106-44-5	4-Methylphenol	350	U	350	57
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.8
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	57
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	350	U	350	51
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	71	U	71	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	58
91-57-6	2-Methylnaphthalene	350	U *	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	62
95-95-4	2,4,5-Trichlorophenol	350	U	350	67
92-52-4	Diphenyl	350	U	350	57
91-58-7	2-Chloronaphthalene	350	U	350	49
88-74-4	2-Nitroaniline	710	U	710	95
606-20-2	2,6-Dinitrotoluene	71	U	71	8.9
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	710	U	710	79
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-4

Matrix: Solid | Lab File ID: z15586.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:05

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.95(g) | Date Analyzed: 03/31/2011 05:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	89
51-28-5	2,4-Dinitrophenol	1100	U	1100	74
132-64-9	Dibenzofuran	350	U	350	52
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	53
121-14-2	2,4-Dinitrotoluene	71	U	71	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	710	U *	710	72
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	62
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	61
86-74-8	Carbazole	350	U	350	55
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	60
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.4
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	46
117-84-0	Di-n-octyl phthalate	350	U	350	41
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	710	U	710	77
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-4

Matrix: Solid | Lab File ID: z15586.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:05

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.95(g) | Date Analyzed: 03/31/2011 05:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	89		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-4

Matrix: Solid | Lab File ID: z15586.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:05

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.95(g) | Date Analyzed: 03/31/2011 05:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15586.d
Report Date: 31-Mar-2011 13:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15586.d
Lab Smp Id: 460-24279-F-4-B Client Smp ID: PMP3-VD-E (3.5-4.0)
Inj Date : 31-MAR-2011 05:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-4-B
Misc Info : 460-24279-F-4-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.95000	Weight of sample extracted (g)
M	4.68354	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	0.493	0.446	(0.207)	446	0.12572	8.8(a)
$	16 2-Fluorophenol (SUR)	112	1.357	1.322	(0.570)	954979	77.1510	5400
$	17 Phenol-d5 (SUR)	99	2.146	2.151	(0.901)	1192488	82.5765	5800
*	79 1,4-Dichlorobenzene-d4	152	2.381	2.387	(1.000)	397988	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	2.957	2.975	(0.796)	621526	39.2655	2800
*	80 Naphthalene-d8	136	3.716	3.728	(1.000)	1510913	40.0000	
	120 1-Methylnaphthalene	142	4.563	4.569	(1.228)	873	0.03765	2.6(a)
$	77 2-Fluorobiphenyl (SUR)	172	4.881	4.887	(0.889)	1110983	36.8259	2600
	125 1,3-Dimethylnaphthalene	156	5.181	5.192	(0.943)	1823	0.09414	6.6(a)
*	82 Acenaphthene-d10	164	5.493	5.498	(1.000)	769417	40.0000	
$	18 2,4,6-Tribromophenol (SUR)	330	6.263	6.269	(1.140)	284093	88.5425	6200
*	83 Phenanthrene-d10	188	6.910	6.910	(1.000)	1000081	40.0000	
	115 n-Octadecane	57	6.981	6.986	(1.010)	7846	0.52034	36(a)

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15586.d
Report Date: 31-Mar-2011 13:01

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	8.492	8.492	(0.900)	710552	43.1308	3000
* 81 Chrysene-d12	240	9.433	9.433	(1.000)	610715	40.0000	
* 84 Perylene-d12	264	10.751	10.745	(1.000)	426669	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15586.d
Report Date: 31-Mar-2011 13:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15586.d
Lab Smp Id: 460-24279-F-4-B Client Smp ID: PMP3-VD-E (3.5-4.0)
Inj Date : 31-MAR-2011 05:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-4-B
Misc Info : 460-24279-F-4-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

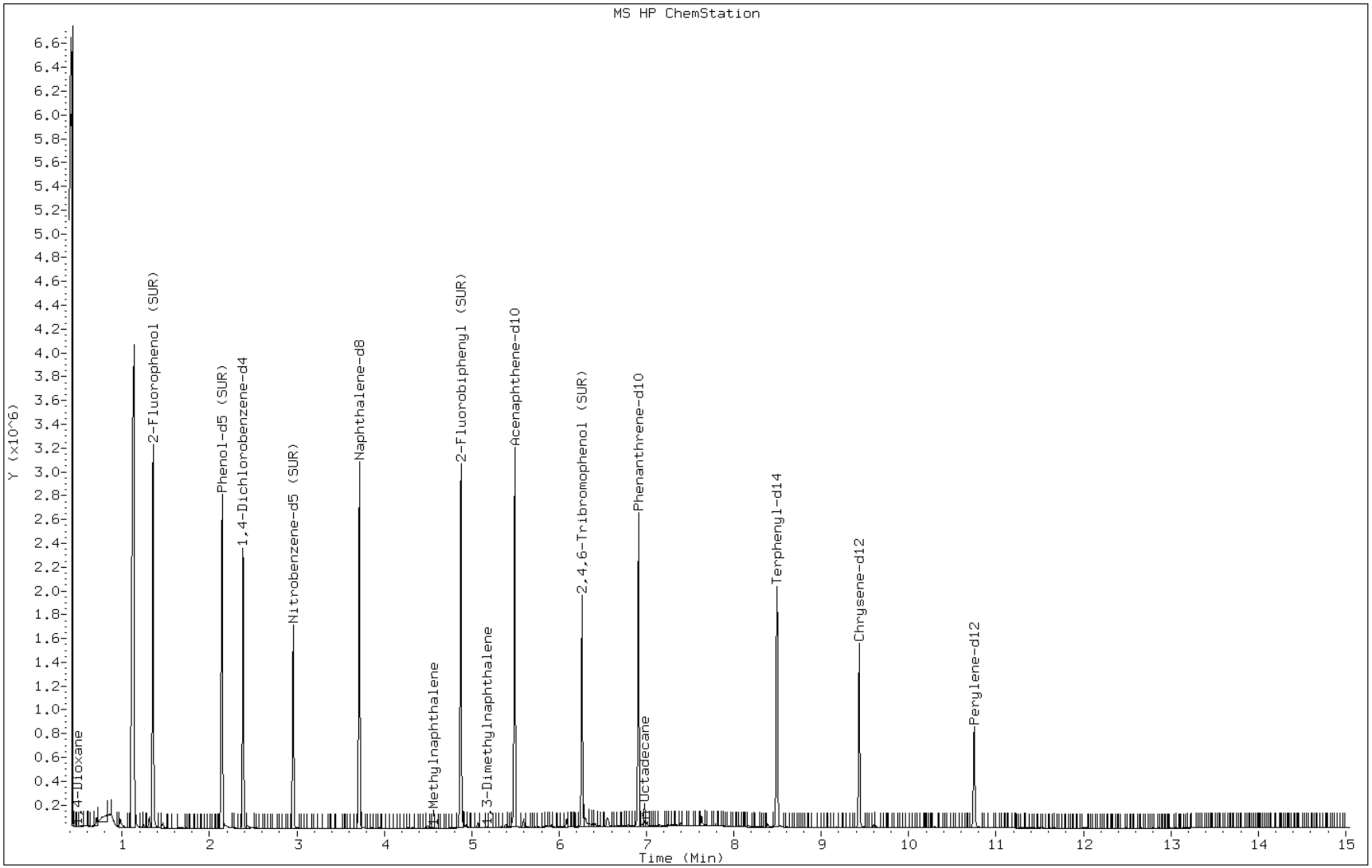
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z15586.d

Date: 31-MAR-2011 05:41

Client ID: PMP3-VD-E (3.5-4.0) Instrument: BNAMS11.i

Sample Info: 460-24279-F-4-B Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) | Lab Sample ID: 460-24279-5

Matrix: Solid | Lab File ID: z15587.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:10

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	46
95-57-8	2-Chlorophenol	370	U	370	50
95-48-7	2-Methylphenol	370	U	370	54
106-44-5	4-Methylphenol	370	U	370	62
100-52-7	Benzaldehyde	370	U	370	23
98-86-2	Acetophenone	370	U	370	56
111-44-4	Bis(2-chloroethyl)ether	37	U	37	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	49
621-64-7	N-Nitrosodi-n-propylamine	37	U	37	5.0
98-95-3	Nitrobenzene	37	U	37	8.4
67-72-1	Hexachloroethane	37	U	37	6.3
78-59-1	Isophorone	370	U	370	43
88-75-5	2-Nitrophenol	370	U	370	62
105-67-9	2,4-Dimethylphenol	370	U	370	60
120-83-2	2,4-Dichlorophenol	370	U	370	60
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	54
91-20-3	Naphthalene	370	U	370	55
106-47-8	4-Chloroaniline	370	U	370	47
87-68-3	Hexachlorobutadiene	76	U	76	15
105-60-2	Caprolactam	370	U	370	52
59-50-7	4-Chloro-3-methylphenol	370	U	370	63
91-57-6	2-Methylnaphthalene	370	U *	370	55
118-74-1	Hexachlorobenzene	37	U	37	5.2
77-47-4	Hexachlorocyclopentadiene	370	U	370	110
88-06-2	2,4,6-Trichlorophenol	370	U	370	67
95-95-4	2,4,5-Trichlorophenol	370	U	370	72
92-52-4	Diphenyl	370	U	370	62
91-58-7	2-Chloronaphthalene	370	U	370	53
88-74-4	2-Nitroaniline	760	U	760	100
606-20-2	2,6-Dinitrotoluene	76	U	76	9.5
131-11-3	Dimethyl phthalate	370	U	370	51
208-96-8	Acenaphthylene	370	U	370	54
99-09-2	3-Nitroaniline	760	U	760	85
83-32-9	Acenaphthene	370	U	370	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) | Lab Sample ID: 460-24279-5

Matrix: Solid | Lab File ID: z15587.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:10

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	96
51-28-5	2,4-Dinitrophenol	1100	U	1100	80
132-64-9	Dibenzofuran	370	U	370	56
84-66-2	Diethyl phthalate	370	U	370	50
86-73-7	Fluorene	370	U	370	64
206-44-0	Fluoranthene	370	U	370	62
84-74-2	Di-n-butyl phthalate	370	U	370	57
121-14-2	2,4-Dinitrotoluene	76	U	76	11
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	65
100-01-6	4-Nitroaniline	760	U *	760	78
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	370	U	370	67
1912-24-9	Atrazine	370	U	370	70
120-12-7	Anthracene	370	U	370	66
86-74-8	Carbazole	370	U	370	60
85-01-8	Phenanthrene	370	U	370	65
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	370	U	370	65
218-01-9	Chrysene	370	U	370	55
207-08-9	Benzo[k]fluoranthene	37	U	37	5.3
191-24-2	Benzo[g,h,i]perylene	370	U	370	40
205-99-2	Benzo[b]fluoranthene	37	U	37	5.6
50-32-8	Benzo[a]pyrene	37	U	37	4.6
56-55-3	Benzo[a]anthracene	37	U	37	6.9
86-30-6	N-Nitrosodiphenylamine	370	U	370	61
85-68-7	Butyl benzyl phthalate	370	U	370	44
117-81-7	Bis(2-ethylhexyl) phthalate	370	U	370	50
117-84-0	Di-n-octyl phthalate	370	U	370	45
193-39-5	Indeno[1,2,3-cd]pyrene	37	U	37	6.0
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.5
91-94-1	3,3'-Dichlorobenzidine	760	U	760	83
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	370	51
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	370	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) | Lab Sample ID: 460-24279-5

Matrix: Solid | Lab File ID: z15587.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:10

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	89		10-120
367-12-4	2-Fluorophenol	76		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) | Lab Sample ID: 460-24279-5

Matrix: Solid | Lab File ID: z15587.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:10

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15587.d
Report Date: 31-Mar-2011 13:02

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15587.d
Lab Smp Id: 460-24279-F-5-B Client Smp ID: PMP-3-WT-E (8.0-8.5
Inj Date : 31-MAR-2011 06:03
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-5-B
Misc Info : 460-24279-F-5-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	11.88119	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	0.493	0.446	(0.207)	382	0.11354	8.6(a)
$	16 2-Fluorophenol (SUR)	112	1.357	1.322	(0.570)	893585	76.1186	5800
$	17 Phenol-d5 (SUR)	99	2.146	2.151	(0.901)	1122806	81.9812	6200
	2 2-Chlorophenol	128	2.198	2.204	(0.923)	1351	0.10665	8.1(a)
*	79 1,4-Dichlorobenzene-d4	152	2.381	2.387	(1.000)	377453	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	2.957	2.975	(0.796)	593174	38.6714	2900
*	80 Naphthalene-d8	136	3.716	3.728	(1.000)	1464142	40.0000	
$	77 2-Fluorobiphenyl (SUR)	172	4.881	4.887	(0.889)	1083586	37.4128	2800
*	82 Acenaphthene-d10	164	5.492	5.498	(1.000)	738671	40.0000	
$	18 2,4,6-Tribromophenol (SUR)	330	6.263	6.269	(1.140)	272917	88.5998	6700
*	83 Phenanthrene-d10	188	6.910	6.910	(1.000)	967941	40.0000	
$	78 Terphenyl-d14	244	8.492	8.492	(0.900)	709604	40.8059	3100
*	81 Chrysene-d12	240	9.433	9.433	(1.000)	644649	40.0000	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15587.d
Report Date: 31-Mar-2011 13:02

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	10.751	10.745	(1.000)	440777	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15587.d
Report Date: 31-Mar-2011 13:02

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15587.d
Lab Smp Id: 460-24279-F-5-B Client Smp ID: PMP-3-WT-E (8.0-8.5
Inj Date : 31-MAR-2011 06:03
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-5-B
Misc Info : 460-24279-F-5-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

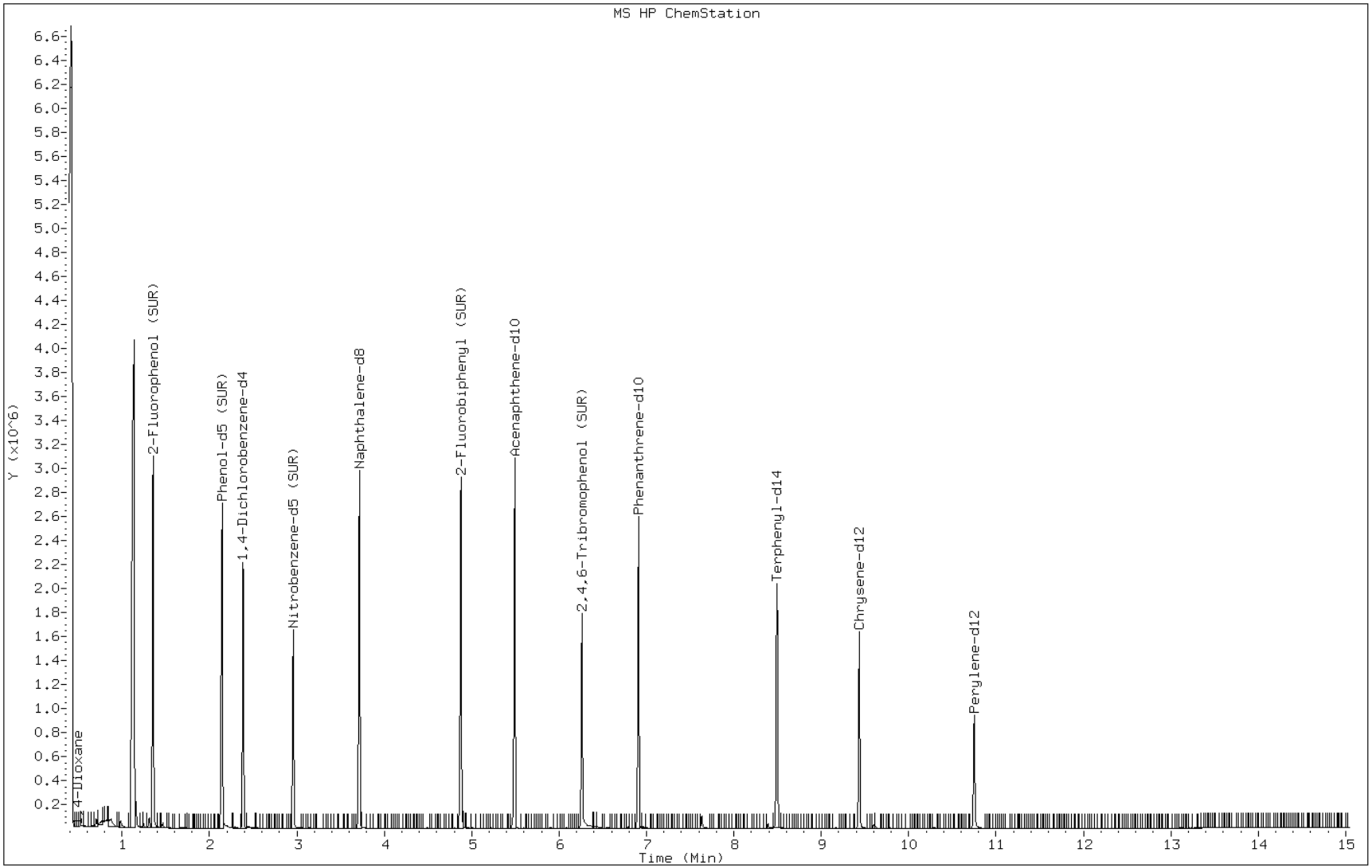
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z15587.d

Date: 31-MAR-2011 06:03

Client ID: PMP-3-WT-E (8.0-8.5 Instrument: BNAMS11.i

Sample Info: 460-24279-F-5-B Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) | Lab Sample ID: 460-24279-6

Matrix: Solid | Lab File ID: z15588.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:15

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	57
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	380	U *	380	56
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.7
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) | Lab Sample ID: 460-24279-6

Matrix: Solid | Lab File ID: z15588.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:15

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	98
51-28-5	2,4-Dinitrophenol	1200	U	1200	81
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	770	U *	770	79
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	61
85-01-8	Phenanthrene	380	U	380	66
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	380	U	380	66
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	51
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	84
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) | Lab Sample ID: 460-24279-6

Matrix: Solid | Lab File ID: z15588.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:15

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	85		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) | Lab Sample ID: 460-24279-6

Matrix: Solid | Lab File ID: z15588.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:15

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15588.d
Report Date: 31-Mar-2011 13:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15588.d
Lab Smp Id: 460-24279-F-6-B Client Smp ID: PMP3-SI-E (10.5-11)
Inj Date : 31-MAR-2011 06:25
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-6-B
Misc Info : 460-24279-F-6-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	13.12102	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
106 1,4-Dioxane	88	0.493	0.446	(0.207)	429	0.12502	9.6(a)
$ 16 2-Fluorophenol (SUR)	112	1.351	1.322	(0.568)	888200	74.1808	5700
$ 17 Phenol-d5 (SUR)	99	2.146	2.151	(0.901)	1097191	78.5448	6000
* 79 1,4-Dichlorobenzene-d4	152	2.381	2.387	(1.000)	384979	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	2.957	2.975	(0.796)	567450	37.7962	2900
* 80 Naphthalene-d8	136	3.716	3.728	(1.000)	1433078	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.881	4.887	(0.889)	1024660	37.0538	2800
* 82 Acenaphthene-d10	164	5.492	5.498	(1.000)	705270	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.263	6.269	(1.140)	248901	84.6300	6500
* 83 Phenanthrene-d10	188	6.910	6.910	(1.000)	889763	40.0000	
$ 78 Terphenyl-d14	244	8.492	8.492	(0.900)	609009	42.5395	3300
* 81 Chrysene-d12	240	9.433	9.433	(1.000)	530715	40.0000	
* 84 Perylene-d12	264	10.751	10.745	(1.000)	375748	40.0000	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15588.d
Report Date: 31-Mar-2011 13:04

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15588.d
Report Date: 31-Mar-2011 13:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15588.d
Lab Smp Id: 460-24279-F-6-B Client Smp ID: PMP3-SI-E (10.5-11)
Inj Date : 31-MAR-2011 06:25
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-6-B
Misc Info : 460-24279-F-6-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

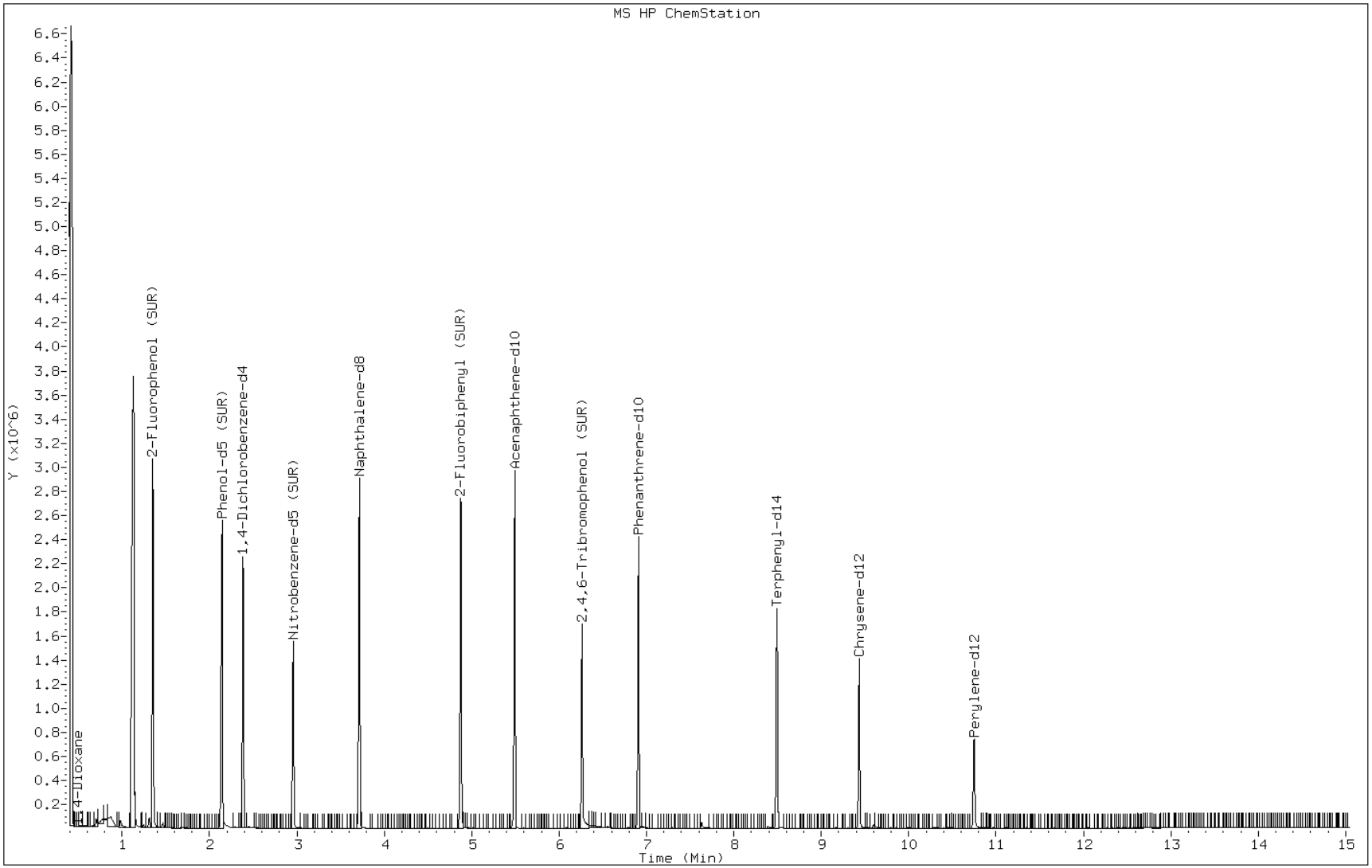
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z15588.d

Date: 31-MAR-2011 06:25

Client ID: PMP3-SI-E (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24279-F-6-B Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) | Lab Sample ID: 460-24279-7

Matrix: Solid | Lab File ID: z15595.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 08:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	51
106-44-5	4-Methylphenol	350	U	350	58
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.9
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	58
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	110	J	350	51
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	71	U	71	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	59
91-57-6	2-Methylnaphthalene	350	U *	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	63
95-95-4	2,4,5-Trichlorophenol	350	U	350	68
92-52-4	Diphenyl	350	U	350	58
91-58-7	2-Chloronaphthalene	350	U	350	50
88-74-4	2-Nitroaniline	710	U	710	96
606-20-2	2,6-Dinitrotoluene	71	U	71	8.9
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	710	U	710	79
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) | Lab Sample ID: 460-24279-7

Matrix: Solid | Lab File ID: z15595.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 08:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	90
51-28-5	2,4-Dinitrophenol	1100	U	1100	75
132-64-9	Dibenzofuran	350	U	350	53
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	54
121-14-2	2,4-Dinitrotoluene	71	U	71	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	710	U *	710	72
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	63
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	62
86-74-8	Carbazole	350	U	350	56
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	340	J	350	61
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	11	J	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.5
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	130	J	350	47
117-84-0	Di-n-octyl phthalate	350	U	350	42
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	710	U	710	78
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) | Lab Sample ID: 460-24279-7

Matrix: Solid | Lab File ID: z15595.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 08:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	56		10-120
367-12-4	2-Fluorophenol	88		37-125
321-60-8	2-Fluorobiphenyl	87		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) | Lab Sample ID: 460-24279-7

Matrix: Solid | Lab File ID: z15595.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 08:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 83000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2958-75-0	1-Methyldecahydronaphthalene	3.35	2900	J N
	Unknown Alkane	3.97	2800	J
	Unknown	4.02	2400	J
	C14H30 Alkane	4.36	6400	J
	Unknown-2	4.46	2100	J
	Unknown-3	4.63	2600	J
	Unknown-4	4.78	2700	J
	Unknown Alkane-2	4.97	9800	J
	Unknown-5	5.26	4300	J
	Unknown Alkane-3	5.43	8500	J
	Unknown-7	5.46	3800	J
	Unknown-8	5.66	3200	J
	Unknown-9	5.87	2600	J
	Unknown Alkane-4	5.89	3000	J
	Unknown-10	5.94	2300	J
	Unknown-11	6.11	2100	J
	Unknown Alkane-5	6.35	5600	J
	Unknown Alkane-6	6.61	9300	J
	Unknown Alkane-7	7.05	4200	J
	Trichloro-1,1-biphenyl isomer	7.33	2400	J

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15595.d
Report Date: 31-Mar-2011 13:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15595.d
Lab Smp Id: 460-24279-F-7-B Client Smp ID: PMP-7-VD-E (3.5-4)
Inj Date : 31-MAR-2011 08:57
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-7-B
Misc Info : 460-24279-F-7-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	5.78187	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	16 2-Fluorophenol (SUR)	112	1.351	1.322	(0.566)	641559	88.4786	6300
$	17 Phenol-d5 (SUR)	99	2.140	2.151	(0.896)	733458	86.7025	6100
	2 2-Chlorophenol	128	2.198	2.204	(0.921)	897	0.11472	8.1(a)
	21 1,3-Dichlorobenzene	146	2.328	2.328	(0.975)	7659	0.78696	56(a)
*	79 1,4-Dichlorobenzene-d4	152	2.387	2.387	(1.000)	233139	40.0000	
	22 1,4-Dichlorobenzene	146	2.398	2.404	(1.005)	4365	0.45218	32(a)
$	76 Nitrobenzene-d5 (SUR)	82	2.963	2.975	(0.795)	328978	40.3982	2800
	30 1,2,4-Trichlorobenzene	180	3.692	3.687	(0.991)	96501	13.8859	980
*	80 Naphthalene-d8	136	3.728	3.728	(1.000)	777314	40.0000	
	31 Naphthalene	128	3.751	3.745	(1.006)	33047	1.55116	110(a)
	120 1-Methylnaphthalene	142	4.587	4.569	(1.230)	53674	4.49934	320(a)
$	77 2-Fluorobiphenyl (SUR)	172	4.898	4.887	(0.887)	546653	43.3251	3100
	125 1,3-Dimethylnaphthalene	156	5.210	5.192	(0.944)	93323	11.5227	820

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15595.d
Report Date: 31-Mar-2011 13:52

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 82 Acenaphthene-d10	164	5.522	5.498	(1.000)	321795	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.304	6.269	(1.142)	75401	56.1894	4000
* 83 Phenanthrene-d10	188	6.939	6.910	(1.000)	475176	40.0000	
57 Pyrene	202	8.280	8.263	(0.877)	65593	4.78480	340(a)
$ 78 Terphenyl-d14	244	8.504	8.492	(0.901)	369648	40.4982	2900
* 81 Chrysene-d12	240	9.439	9.433	(1.000)	338362	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	9.627	9.622	(1.020)	10297	1.87942	130(a)
65 Benzo(b)fluoranthene	252	10.404	10.398	(0.968)	1270	0.16157	11(aH)
* 84 Perylene-d12	264	10.751	10.745	(1.000)	284849	40.0000	
70 Benzo(g,h,i)perylene	276	12.080	12.074	(1.124)	518	0.07486	5.3(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15595.d
Report Date: 31-Mar-2011 13:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15595.d
Lab Smp Id: 460-24279-F-7-B Client Smp ID: PMP-7-VD-E (3.5-4)
Inj Date : 31-MAR-2011 08:57
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-7-B
Misc Info : 460-24279-F-7-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	5.78187	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	3.728	3220209	40.000
* 82 Acenaphthene-d10	5.522	2324968	40.000
* 83 Phenanthrene-d10	6.939	3162113	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
trans-Decalin, 2-methyl-					CAS #: 1000152-47-3		
3.222	1461407	18.1529474	1300	98	NIST02.l	24310	80

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15595.d
Report Date: 31-Mar-2011 13:52

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
1-Methyldecahydronaphthalene				CAS #: 2958-75-0			
3.345	3309723	41.1118996	2900	97	NIST02.l	24317	80
Unknown Alkane				CAS #:			
3.969	3205910	39.8223801	2800	0		0	80
Unknown				CAS #:			
4.022	2741642	34.0554547	2400	0		0	80
C14H30 Alkane				CAS #:			
4.357	7236969	89.8943969	6400	0		0	80
Unknown-2				CAS #:			
4.463	2367473	29.4076961	2100	0		0	80
Unknown-3				CAS #:			
4.628	2163068	37.2145761	2600	0		0	82
Unknown-4				CAS #:			
4.781	2231190	38.3865865	2700	0		0	82
Unknown Alkane-2				CAS #:			
4.969	8009245	137.795314	9800	0		0	82
Unknown-5				CAS #:			
5.257	3526068	60.6643412	4300	0		0	82
Unknown-6				CAS #:			
5.369	1482514	25.5059647	1800	0		0	82
Unknown Alkane-3				CAS #:			
5.434	6985797	120.187365	8500	0		0	82
Unknown-7				CAS #:			
5.457	3085533	53.0851520	3800	0		0	82
Unknown-8				CAS #:			
5.663	2665285	45.8549784	3200	0		0	82
Unknown-9				CAS #:			
5.869	2115388	36.3942554	2600	0		0	82
Unknown Alkane-4				CAS #:			
5.886	2475525	42.5902500	3000	0		0	82

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15595.d
Report Date: 31-Mar-2011 13:52

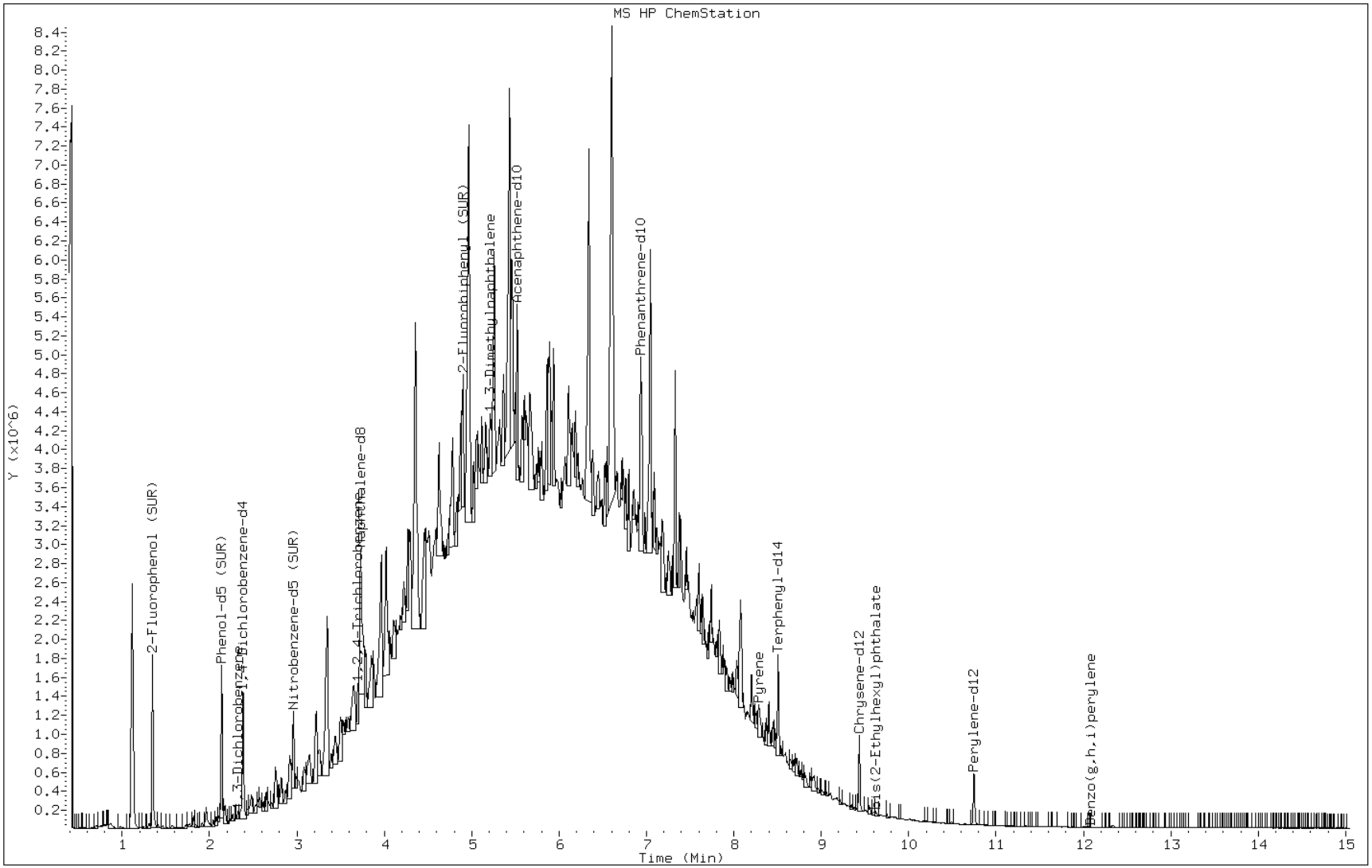
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown-10					CAS #:		
5.939	1873599	32.2343869	2300	0		0	82
Unknown-11					CAS #:		
6.110	1715663	29.5171837	2100	0		0	82
Unknown Alkane-5					CAS #:		
6.345	6250195	79.0635264	5600	0		0	83
Unknown Alkane-6					CAS #:		
6.610	10416503	131.766359	9300	0		0	83
Unknown Alkane-7					CAS #:		
7.045	4704535	59.5112816	4200	0		0	83
Trichloro-1,1-biphenyl isomer					CAS #:		
7.333	2731717	34.5555928	2400	0		0	83
Tetrachloro-1,1-biphenyl isomer					CAS #:		
8.080	2039495	25.7991385	1800	0		0	83

Data File: z15595.d

Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4



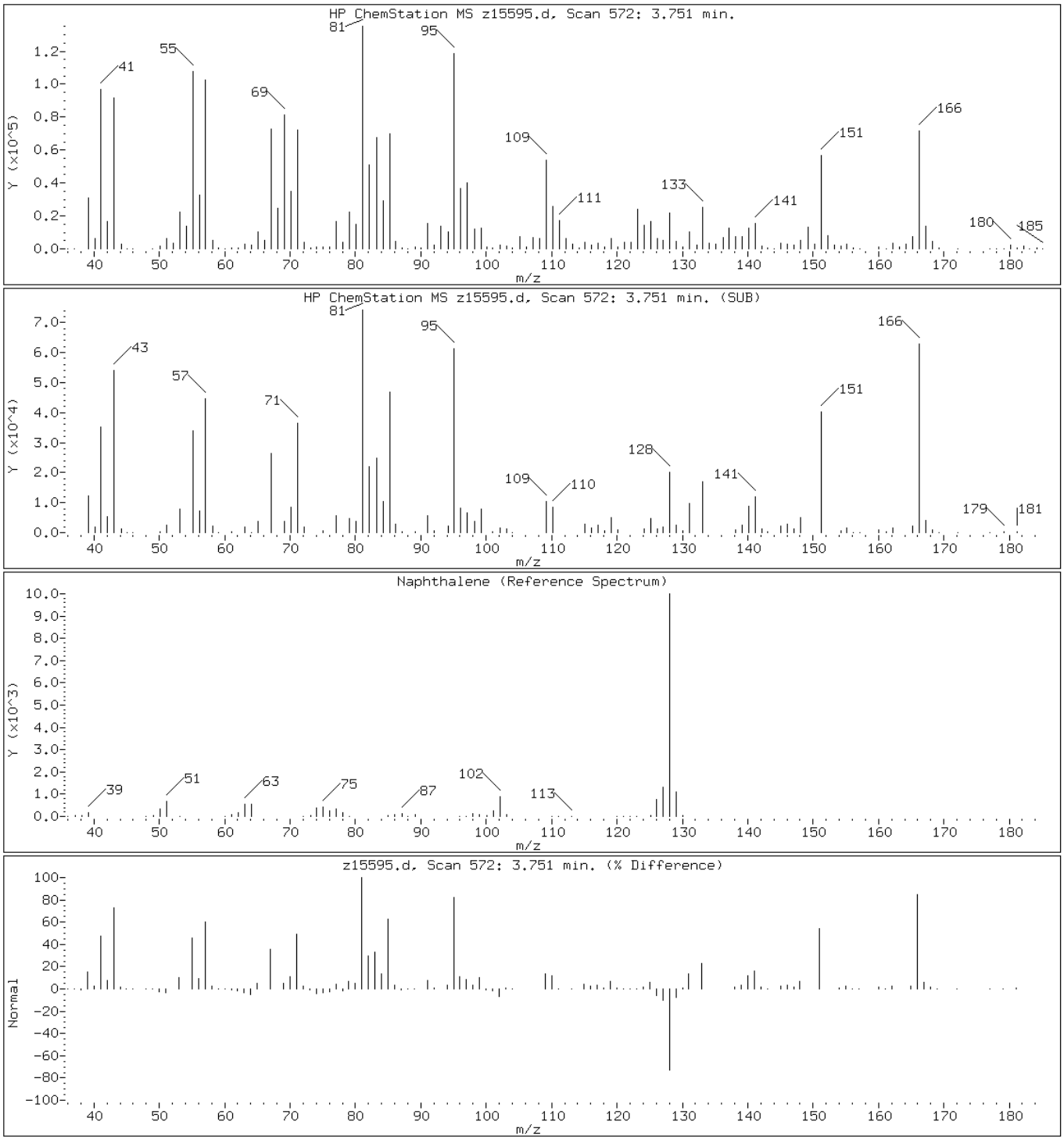
Data File: z15595.d

Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

31 Naphthalene



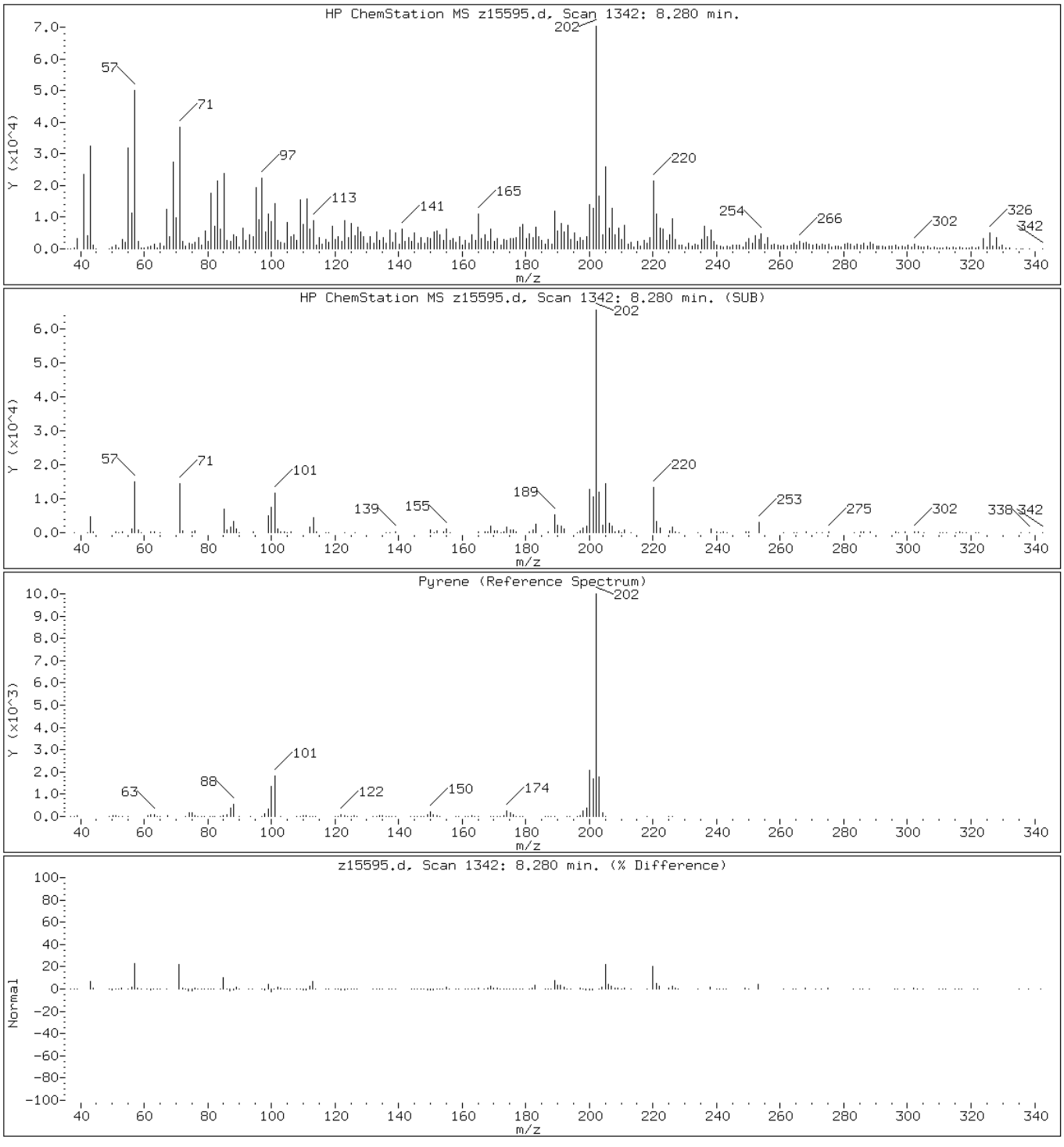
Data File: z15595.d

Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

57 Pyrene



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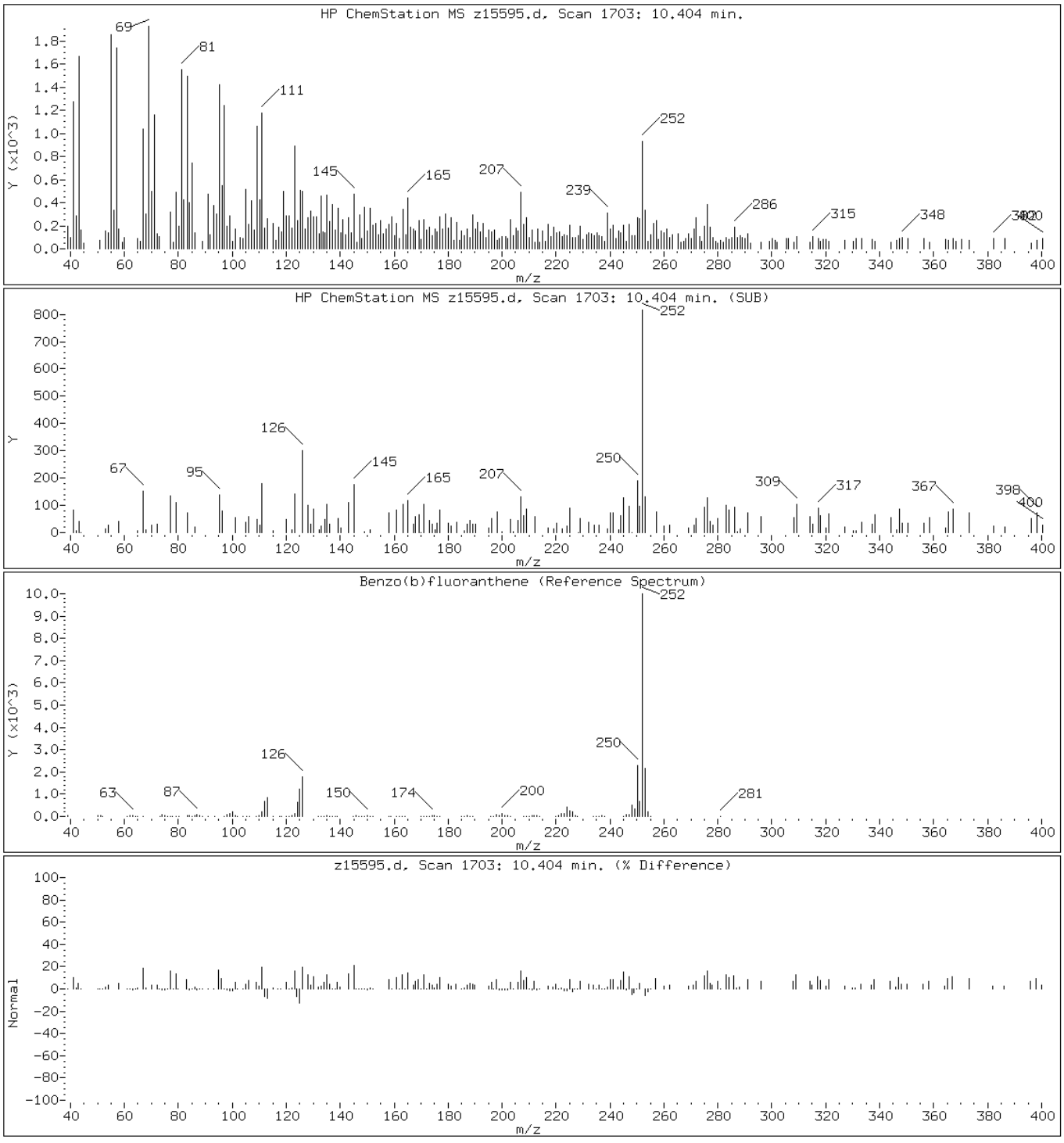
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

65 Benzo(b)fluoranthene



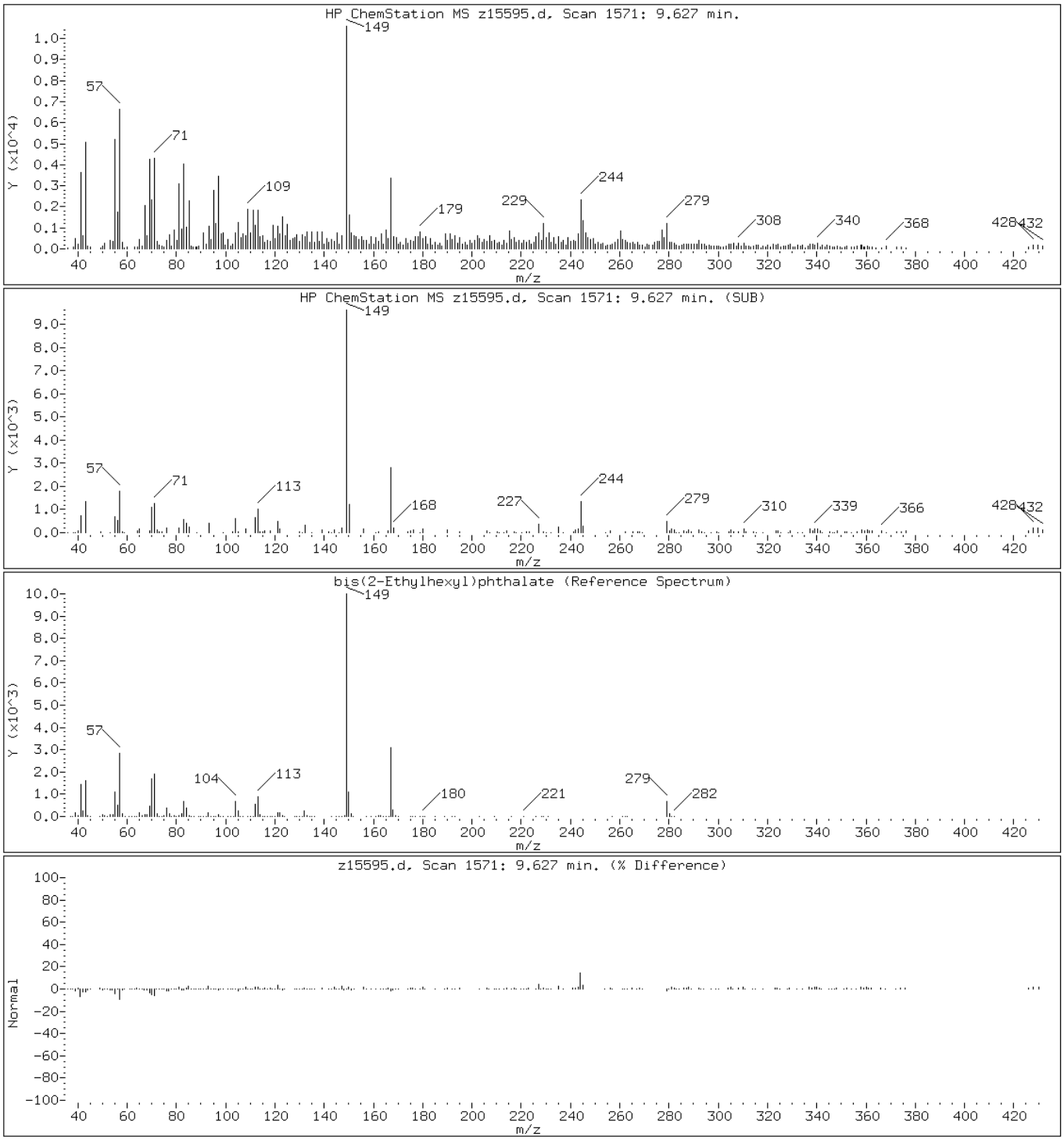
Data File: z15595.d

Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: z15595.d

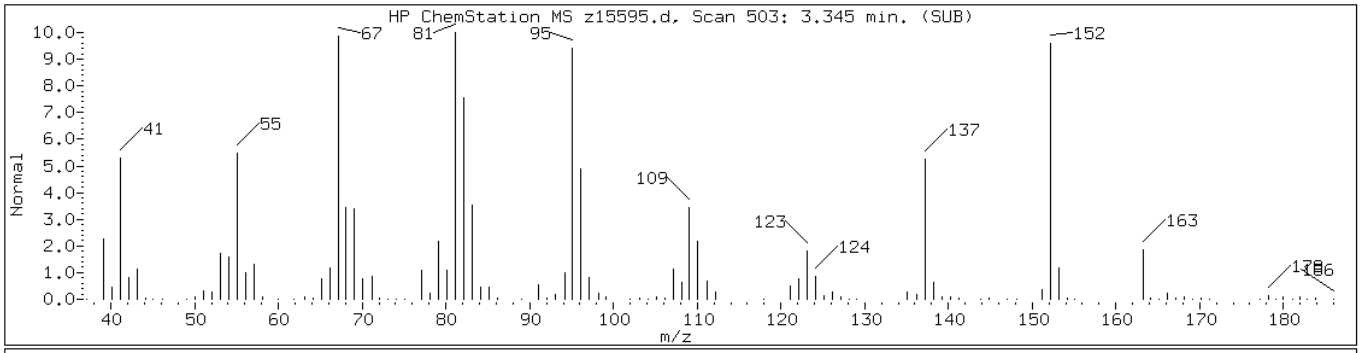
Date: 31-MAR-2011 08:57

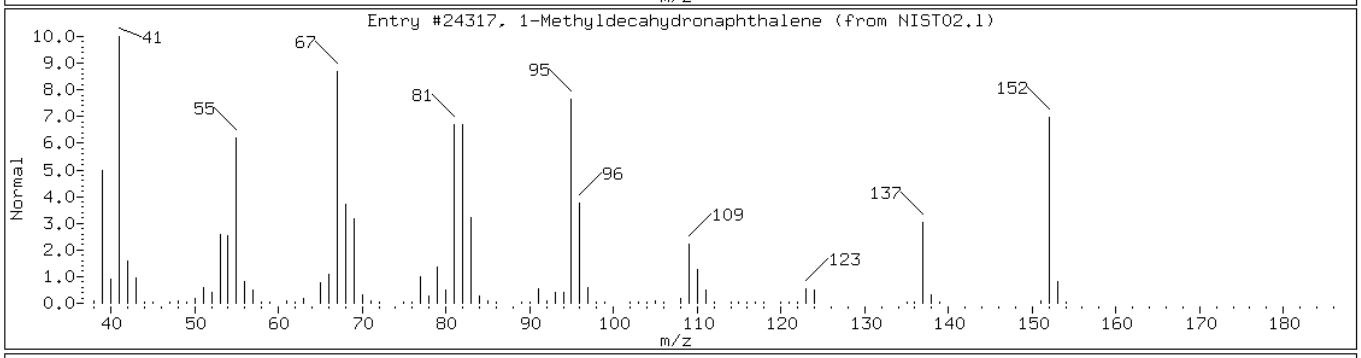
Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

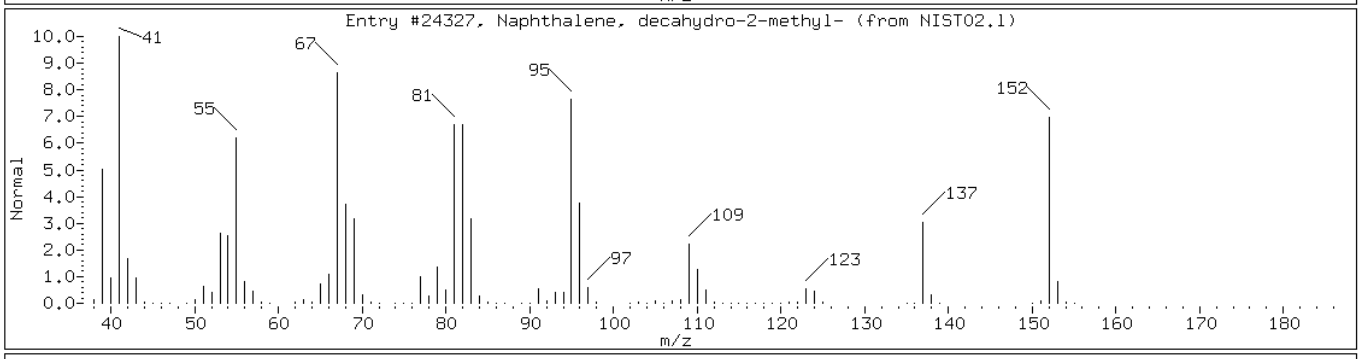
Sample Info: 460-24279-F-7-B Operator: BNAMS 4

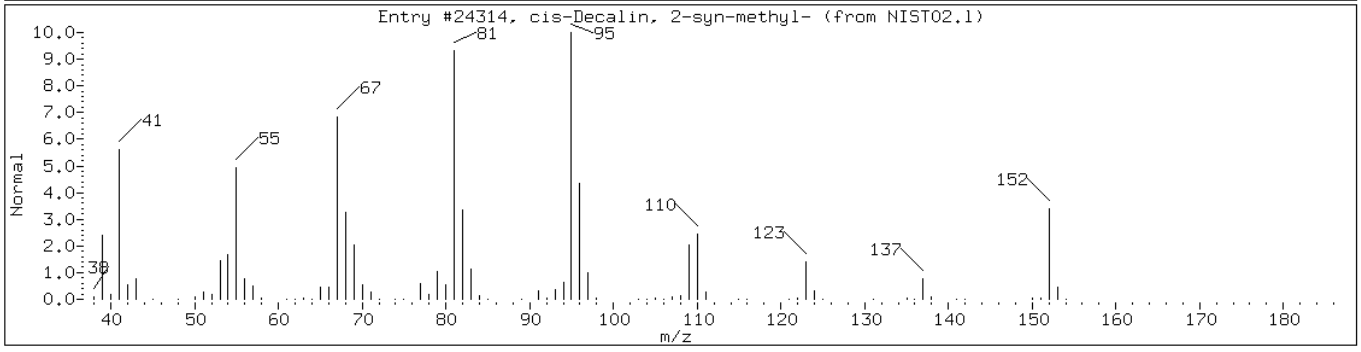
Retention Time: 3.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	97	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	96	C11H20	152
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	95	C11H20	152









Data File: z15595.d

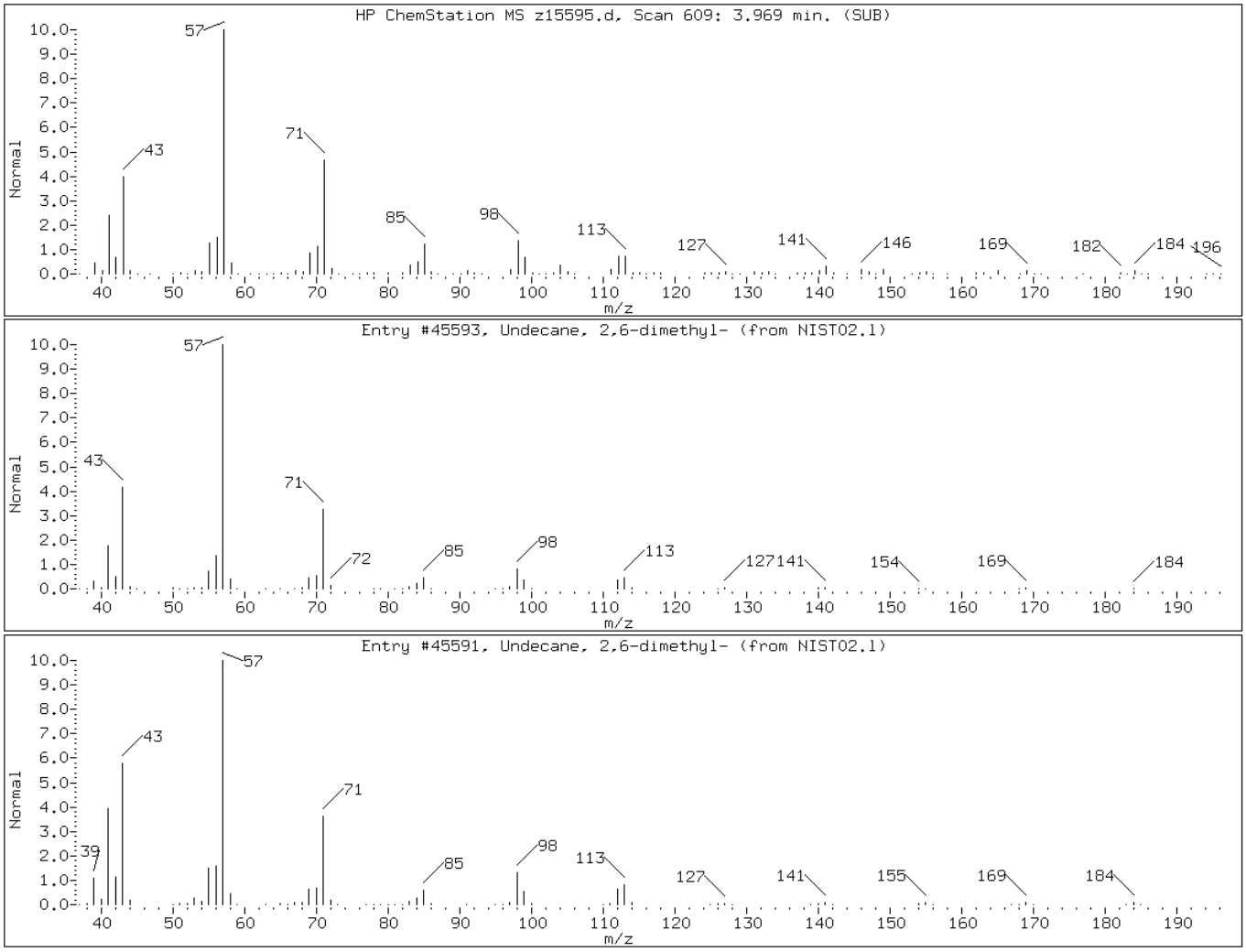
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 3.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	93	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	93	C13H28	184



Data File: z15595.d

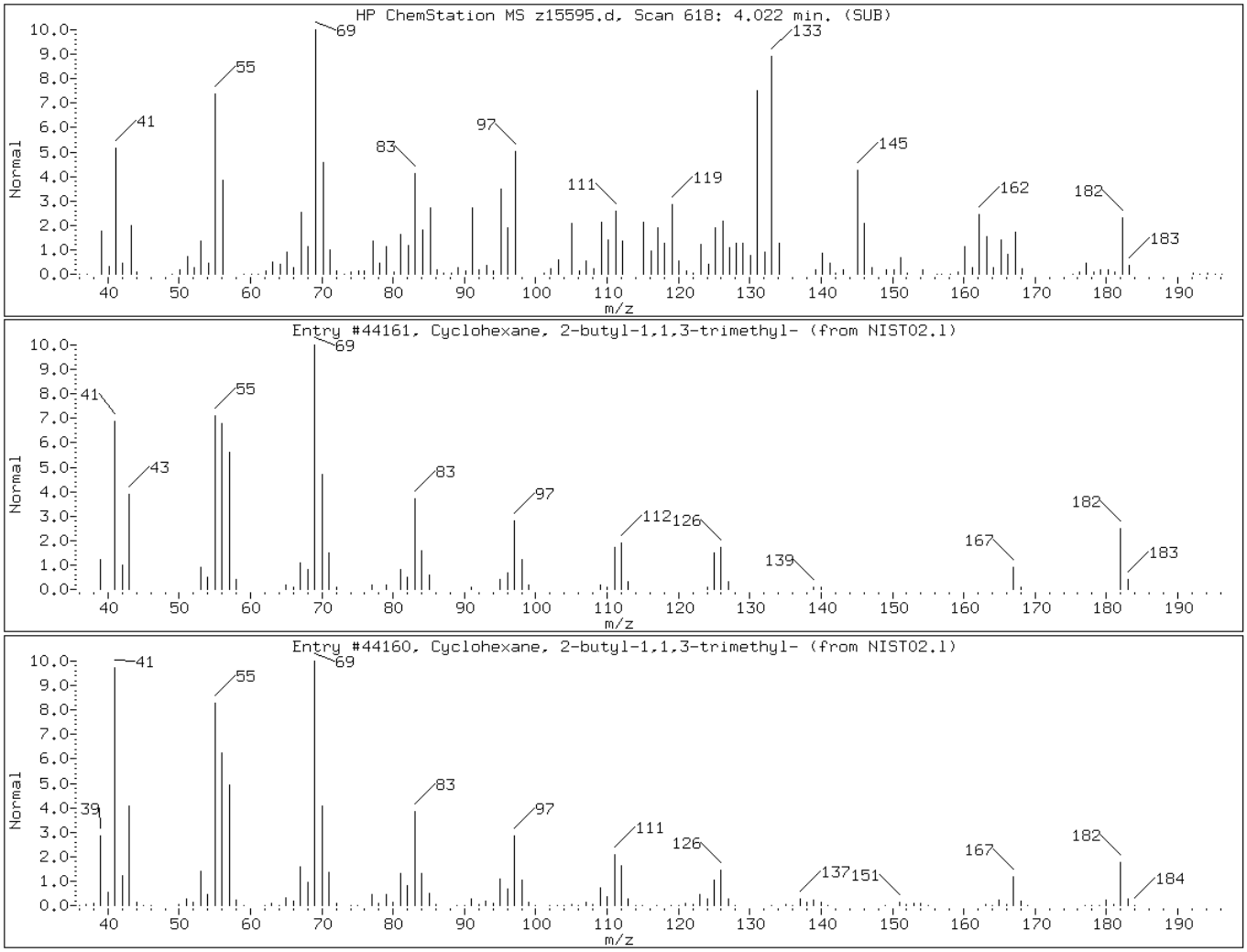
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 4.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44161	47	C13H26	182
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44160	35	C13H26	182



Data File: z15595.d

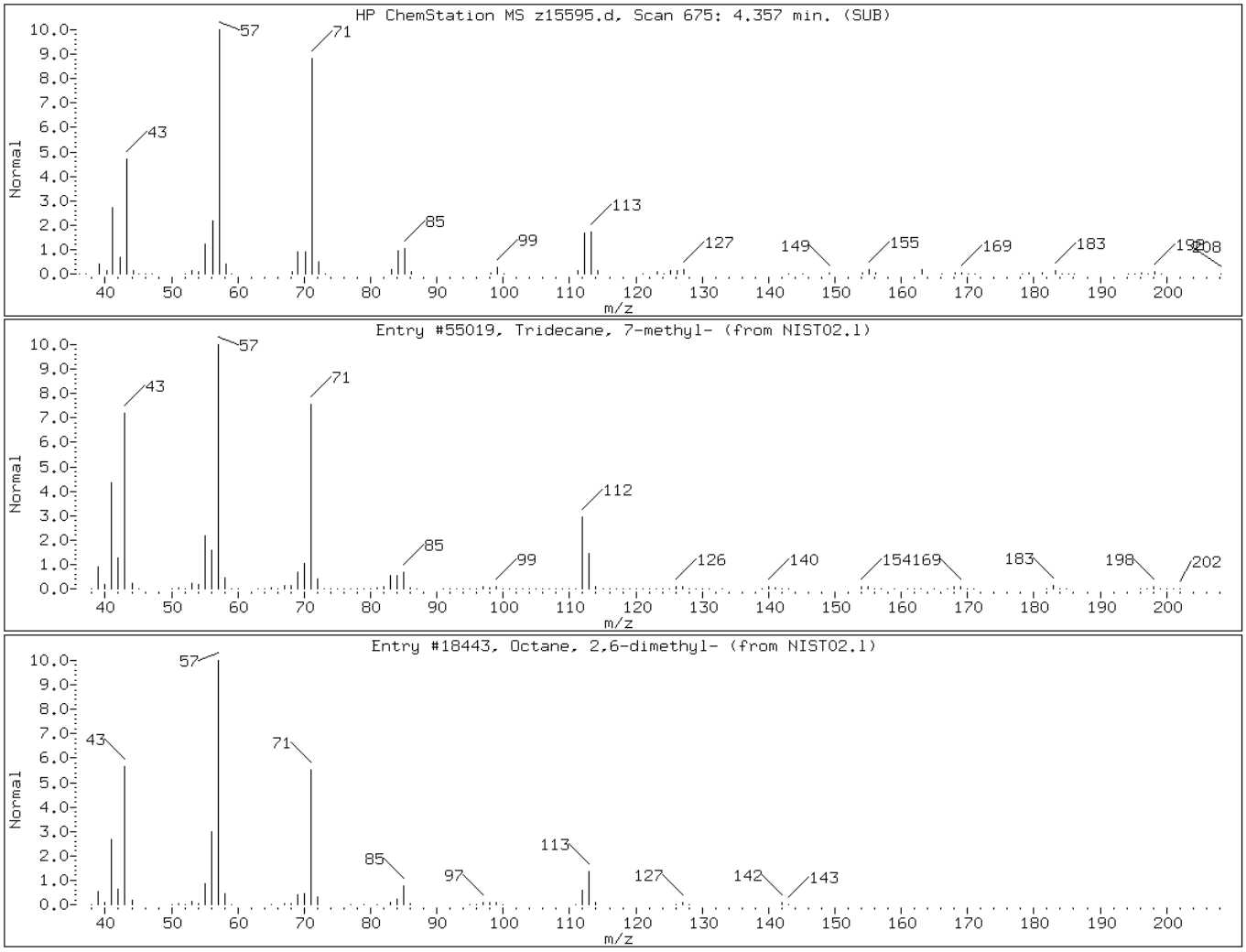
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 4.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	87	C14H30	198
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	78	C10H22	142



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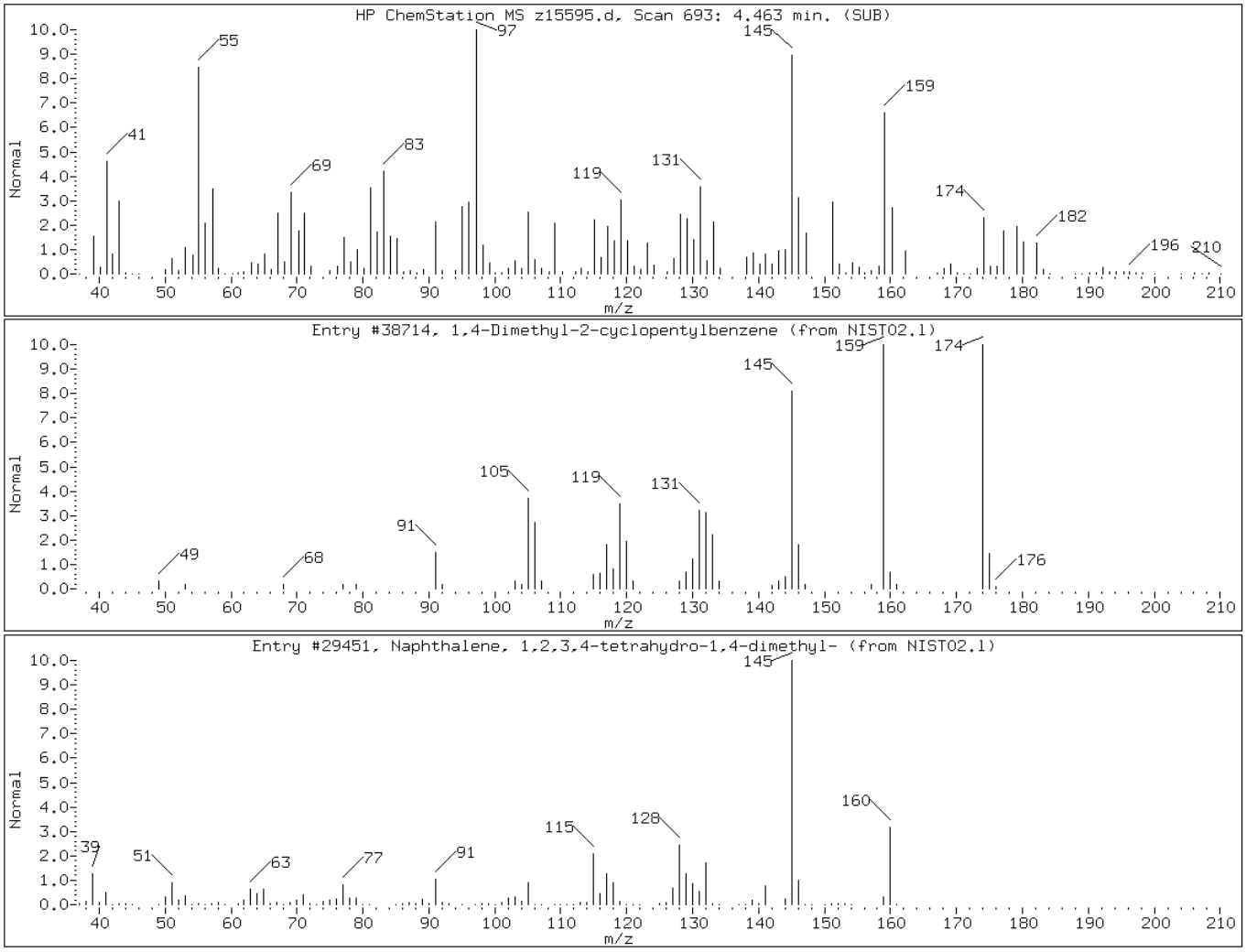
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 4.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
1,4-Dimethyl-2-cyclopentylbenzene	62379-92-4	NIST02.l	38714	55	C13H18	174
Naphthalene, 1,2,3,4-tetrahydro-1,	4175-54-6	NIST02.l	29451	35	C12H16	160



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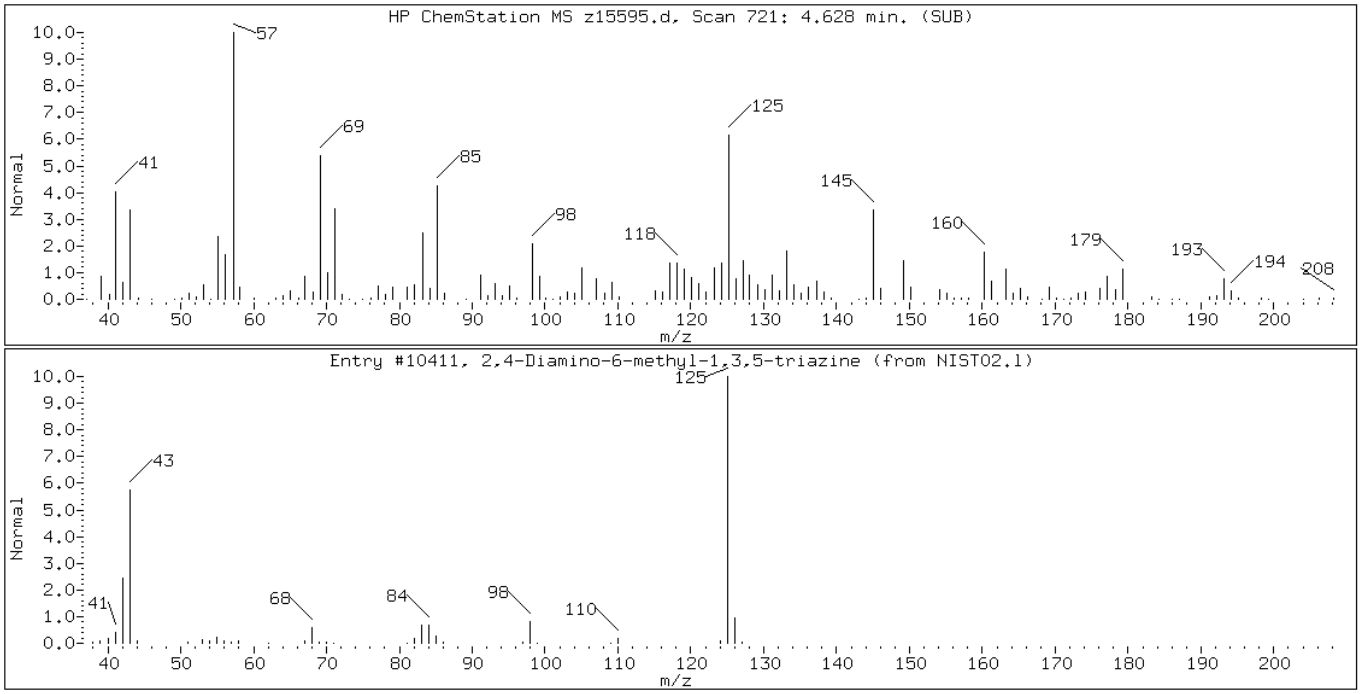
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 4.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
2,4-Diamino-6-methyl-1,3,5-triazin	542-02-9	NIST02.l	10411	22	C4H7N5	125



Data File: z15595.d

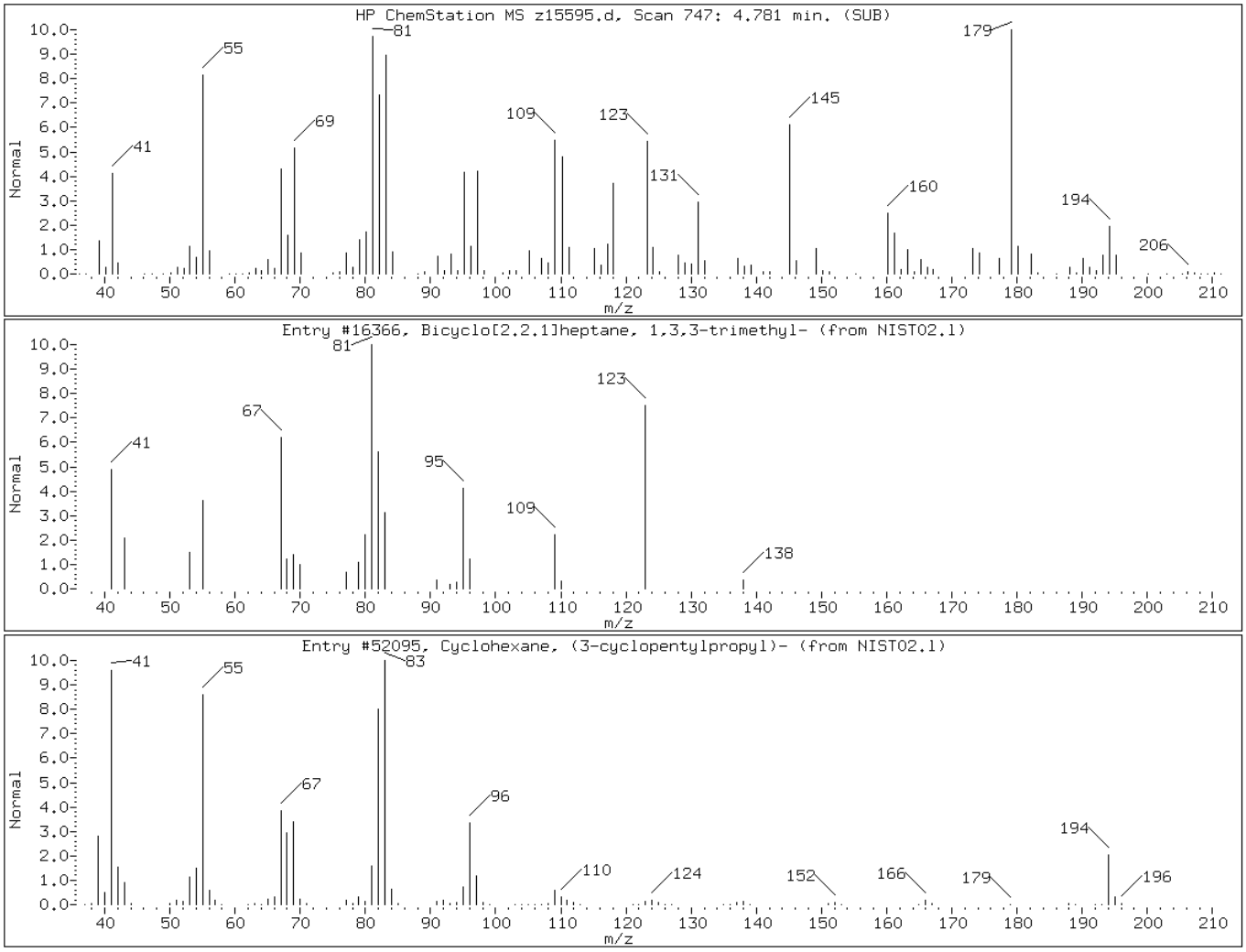
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 4.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Bicyclo[2.2.1]heptane, 1,3,3-trime	6248-88-0	NIST02.l	16366	64	C10H18	138
Cyclohexane, (3-cyclopentylpropyl)	2883-07-0	NIST02.l	52095	30	C14H26	194



Data File: z15595.d

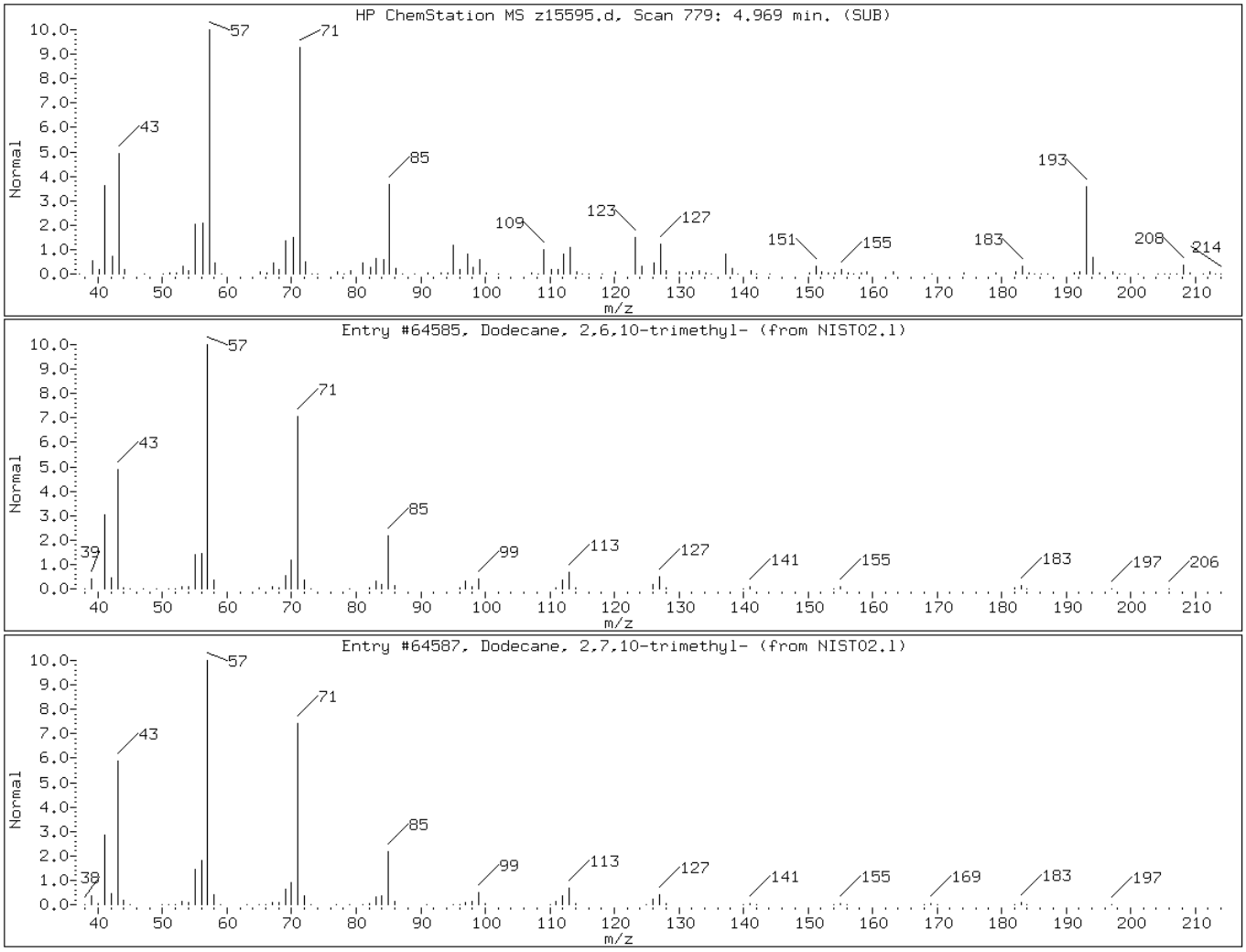
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 4.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64585	52	C15H32	212
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	49	C15H32	212



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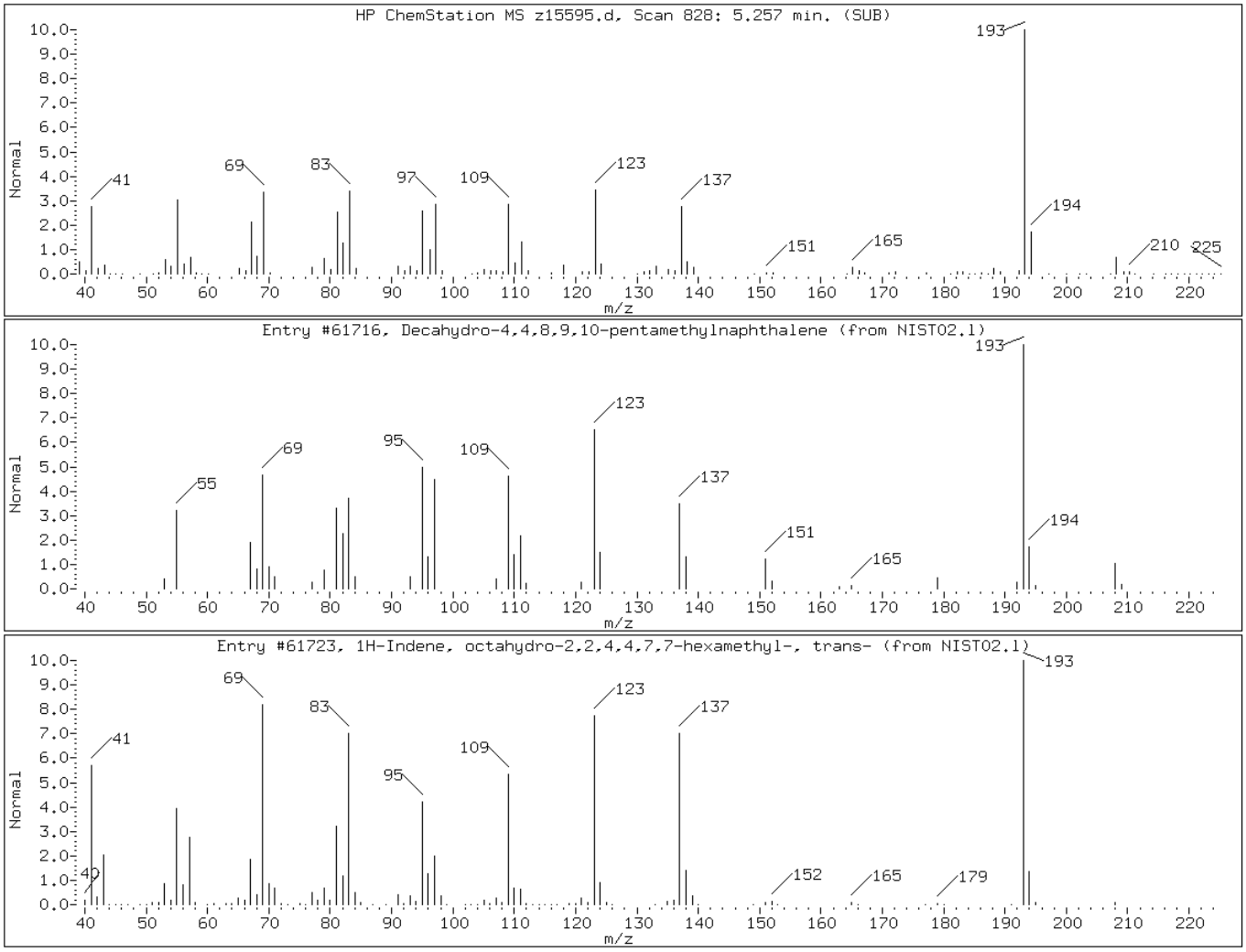
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 5.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	76	C15H28	208
1H-Indene, octahydro-2,2,4,4,7,7-h	54832-83-6	NIST02.l	61723	45	C15H28	208



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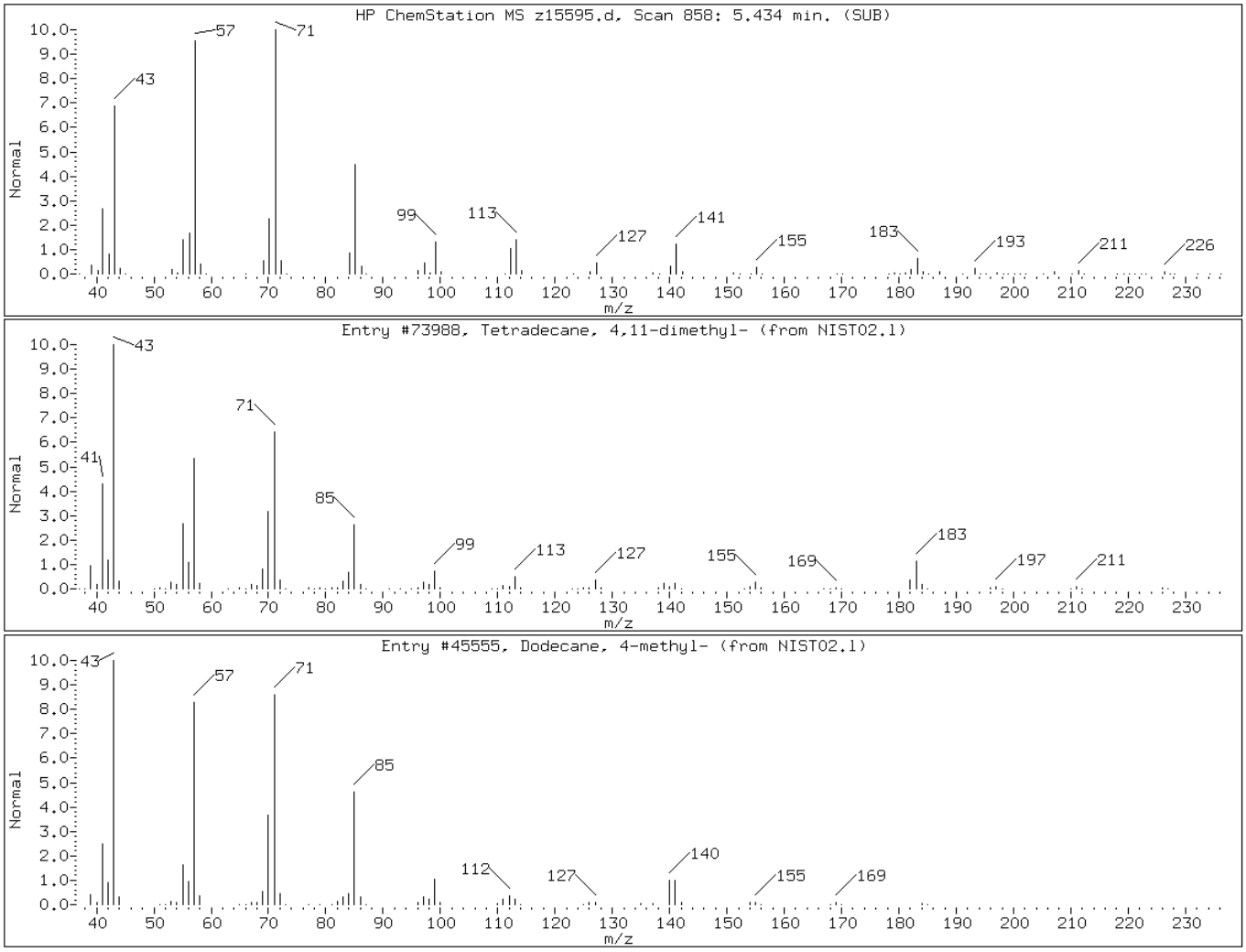
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 5.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane, 4,11-dimethyl-	55045-12-0	NIST02.l	73988	76	C16H34	226
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	72	C13H28	184



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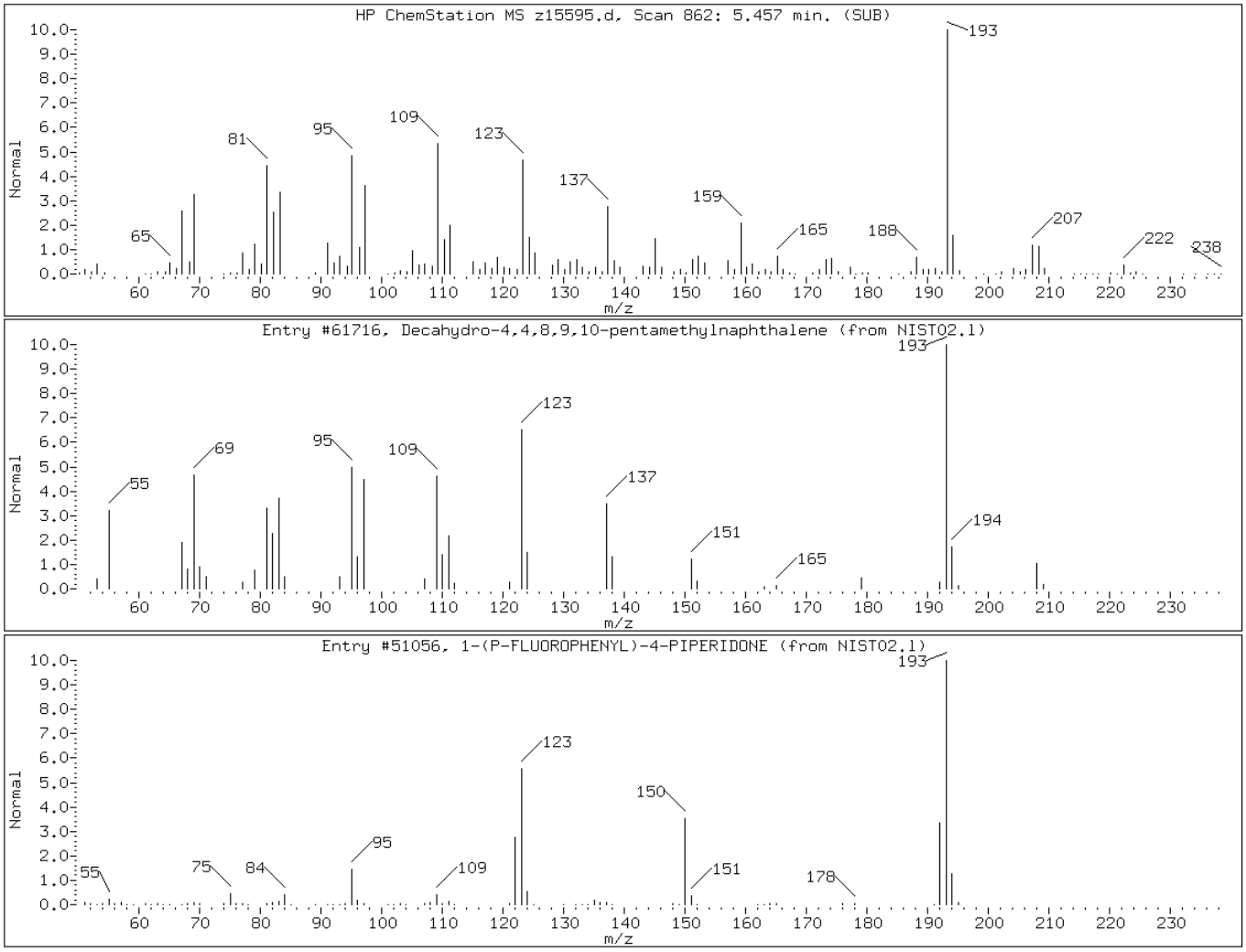
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 5.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	91	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	38	C11H12FNO	193



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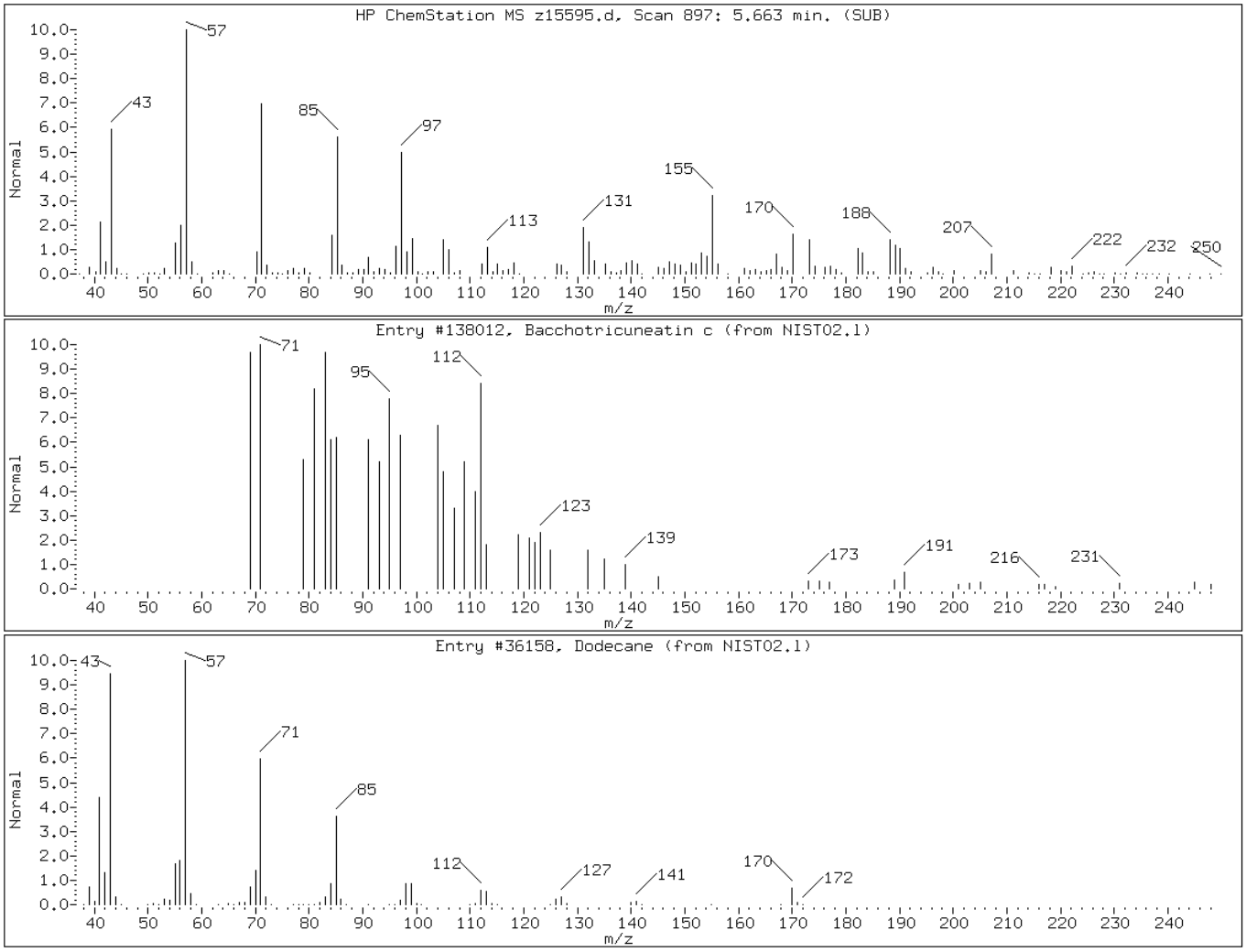
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 5.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-8						
Bacchotricuneatin c	66563-30-2	NIST02.l	138012	49	C20H22O5	342
Dodecane	112-40-3	NIST02.l	36158	46	C12H26	170



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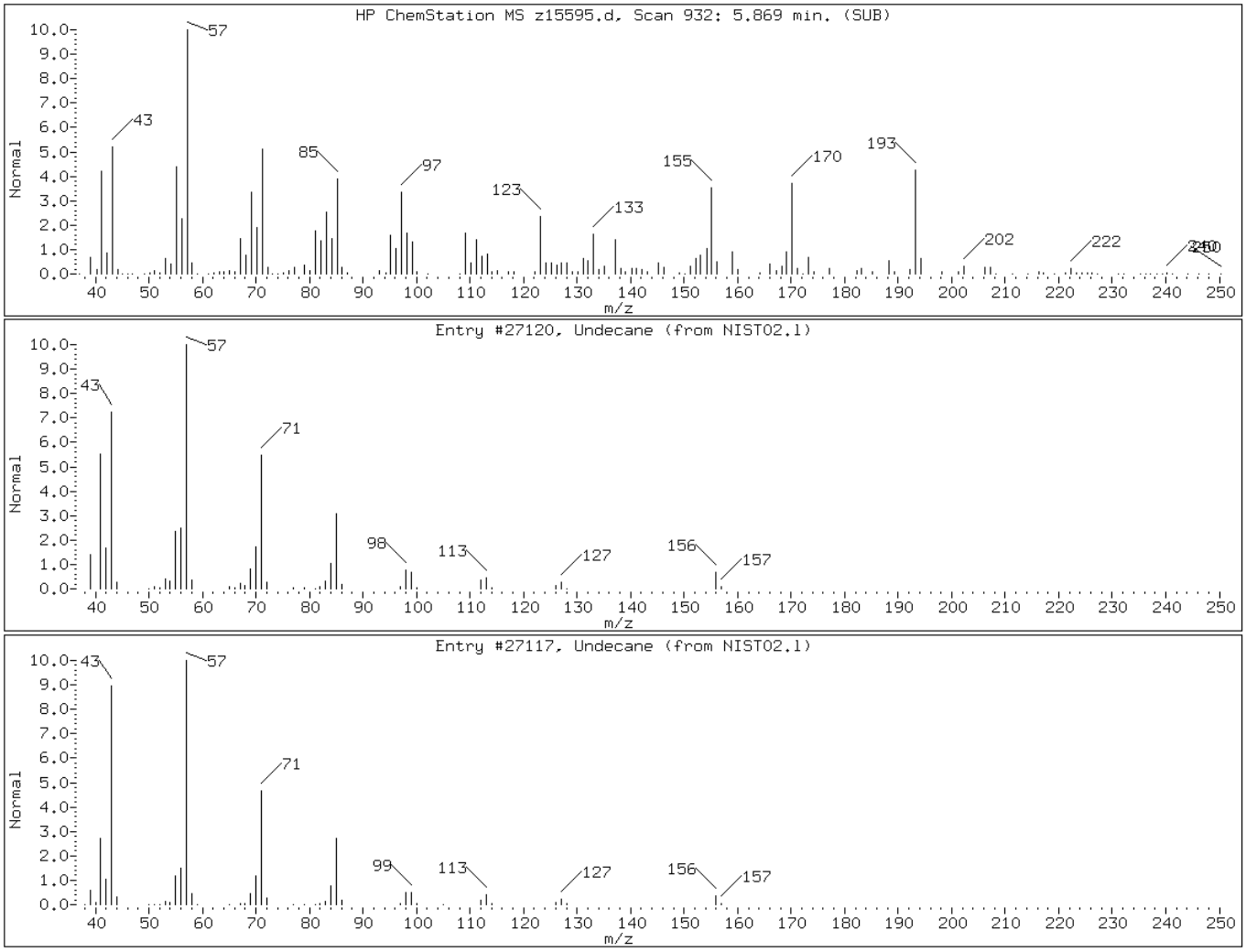
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 5.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-9						
Undecane	1120-21-4	NIST02.l	27120	42	C11H24	156
Undecane	1120-21-4	NIST02.l	27117	42	C11H24	156



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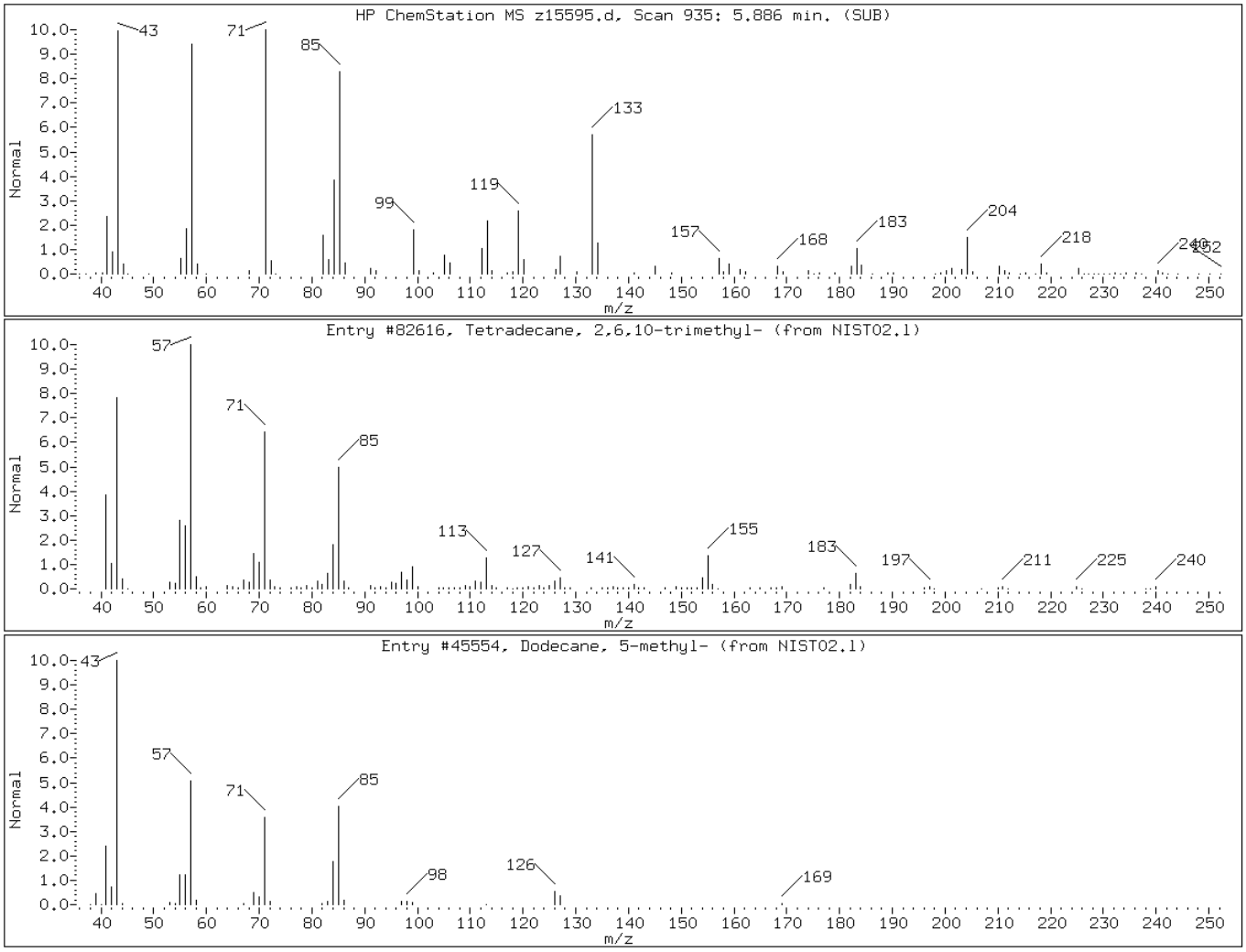
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 5.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST02.l	82616	62	C17H36	240
Dodecane, 5-methyl-	17453-93-9	NIST02.l	45554	49	C13H28	184



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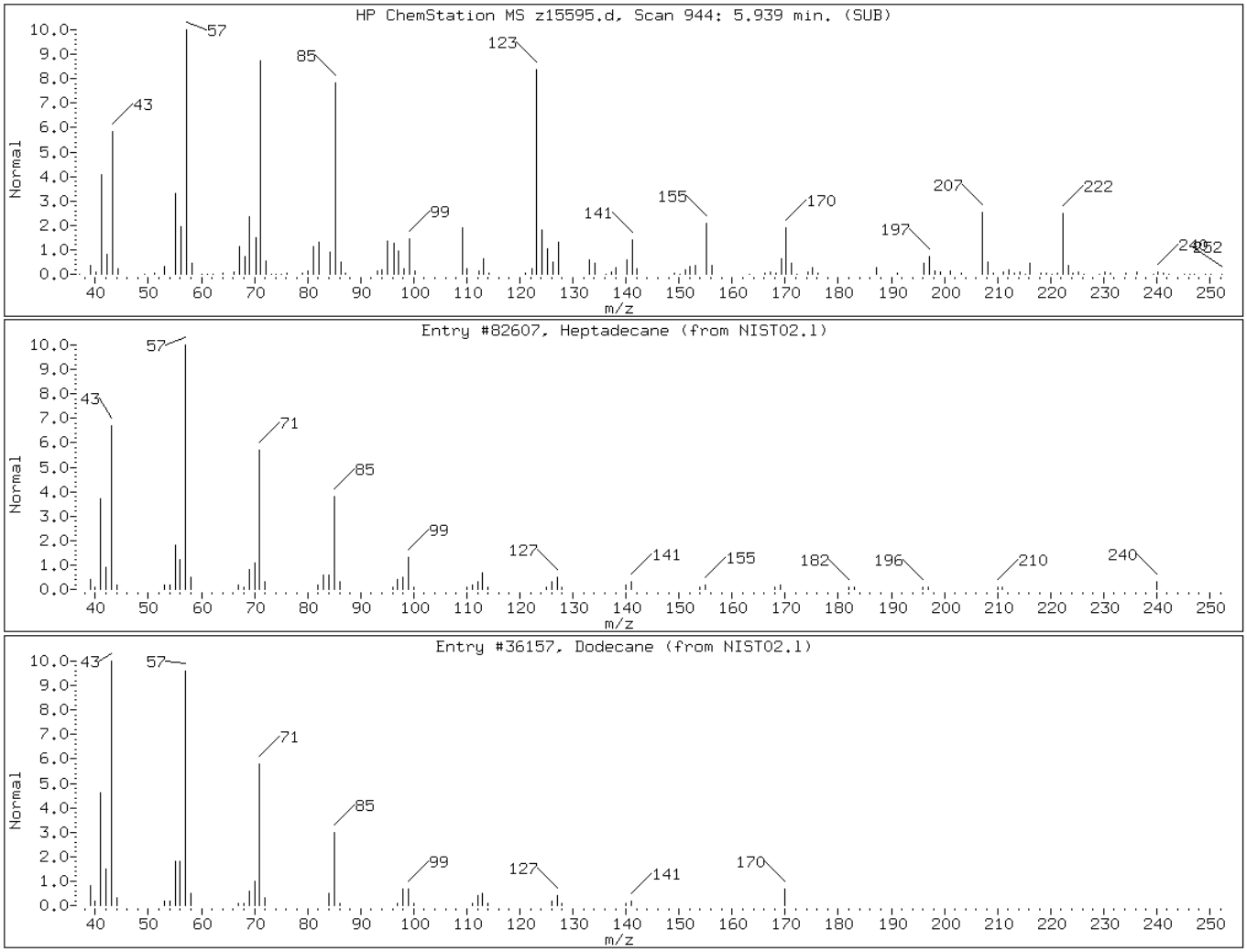
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 5.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-10						
Heptadecane	629-78-7	NIST02.l	82607	45	C17H36	240
Dodecane	112-40-3	NIST02.l	36157	42	C12H26	170



Data File: z15595.d

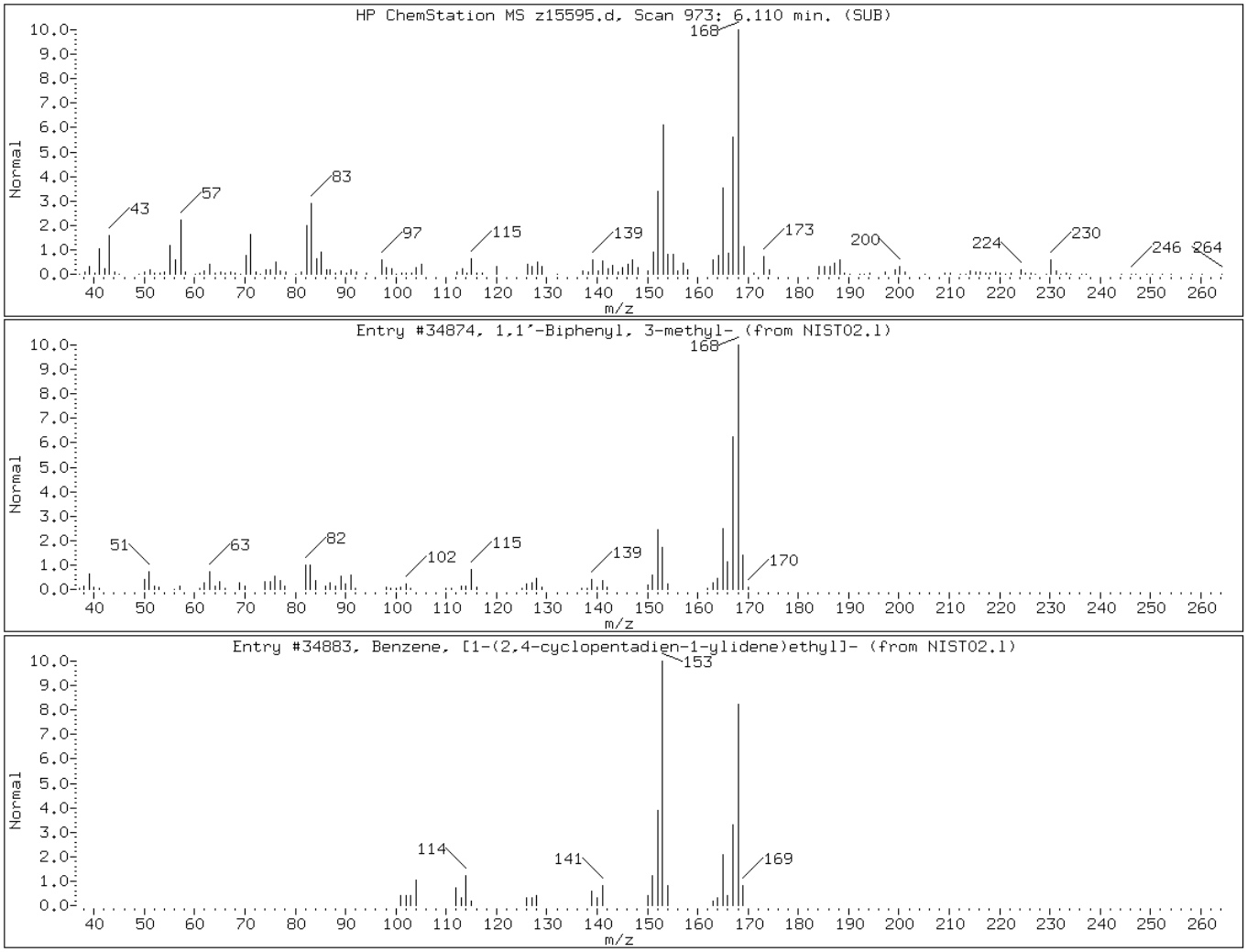
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 6.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-11						
1,1'-Biphenyl, 3-methyl-	643-93-6	NIST02.l	34874	60	C13H12	168
Benzene, [1-(2,4-cyclopentadien-1-	2320-32-3	NIST02.l	34883	59	C13H12	168



Data File: z15595.d

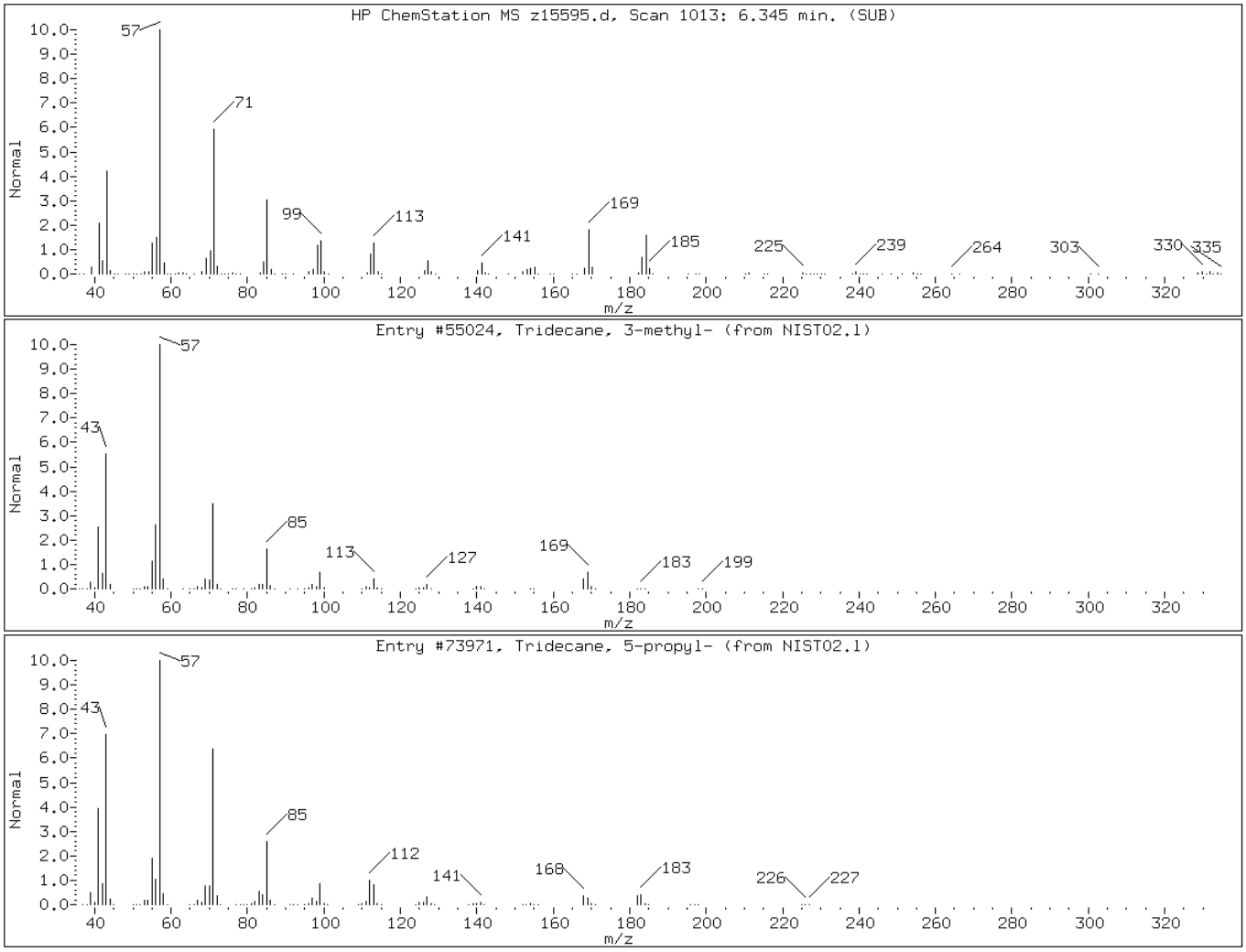
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 6.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tridecane, 3-methyl-	6418-41-3	NIST02.l	55024	74	C14H30	198
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	72	C16H34	226



Data File: z15595.d

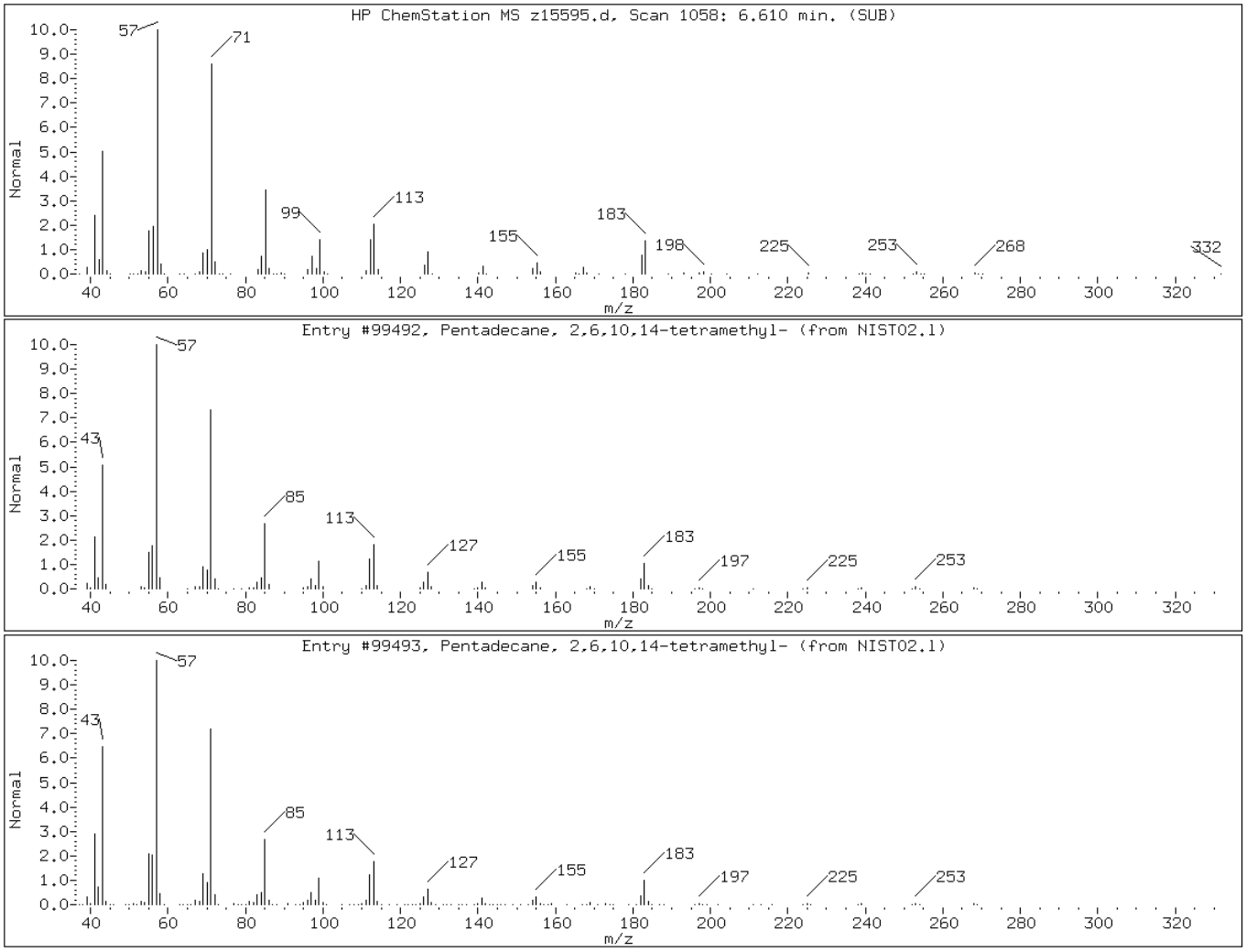
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 6.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	98	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	95	C19H40	268



Data File: z15595.d

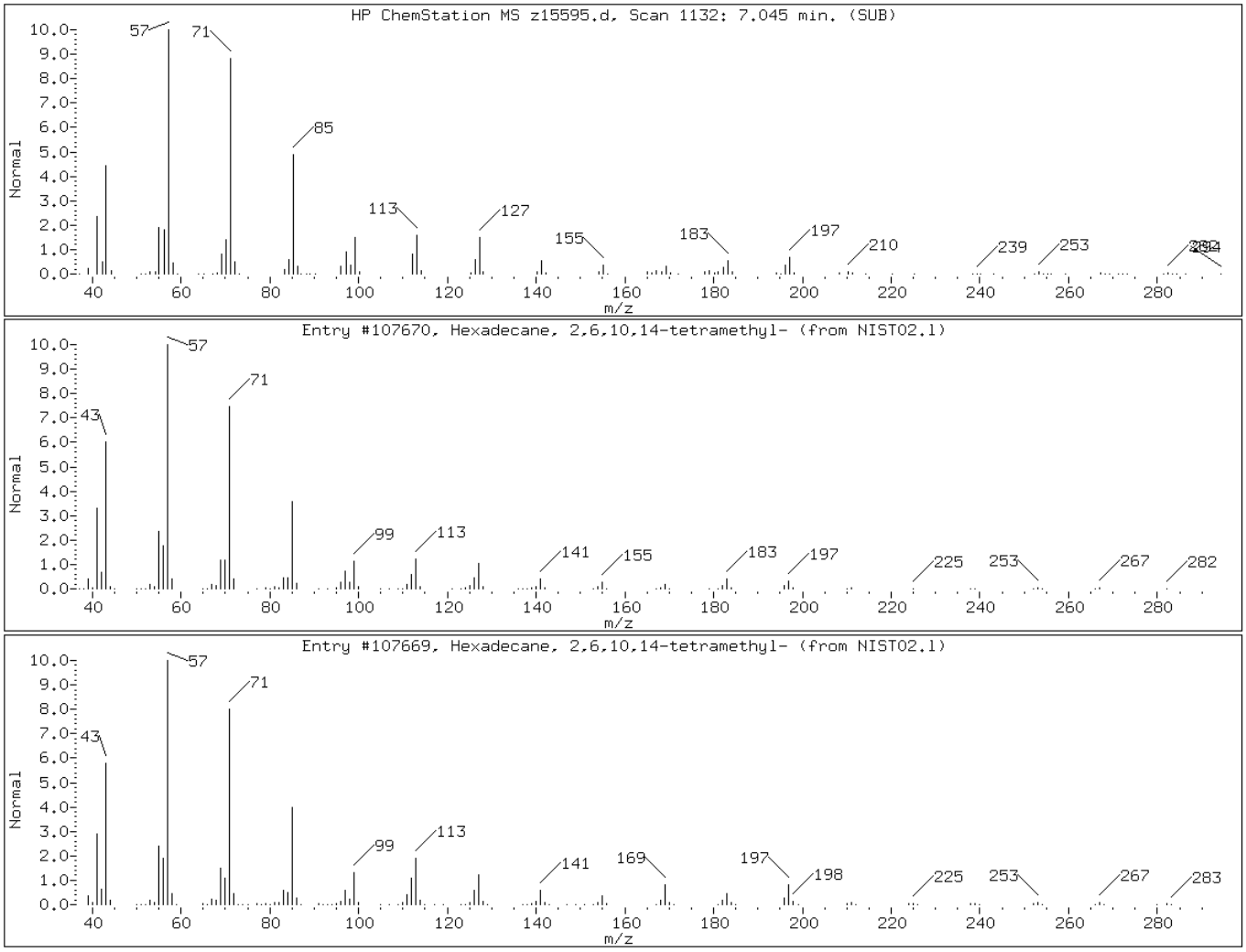
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 7.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	93	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107669	91	C20H42	282



Data File: z15595.d

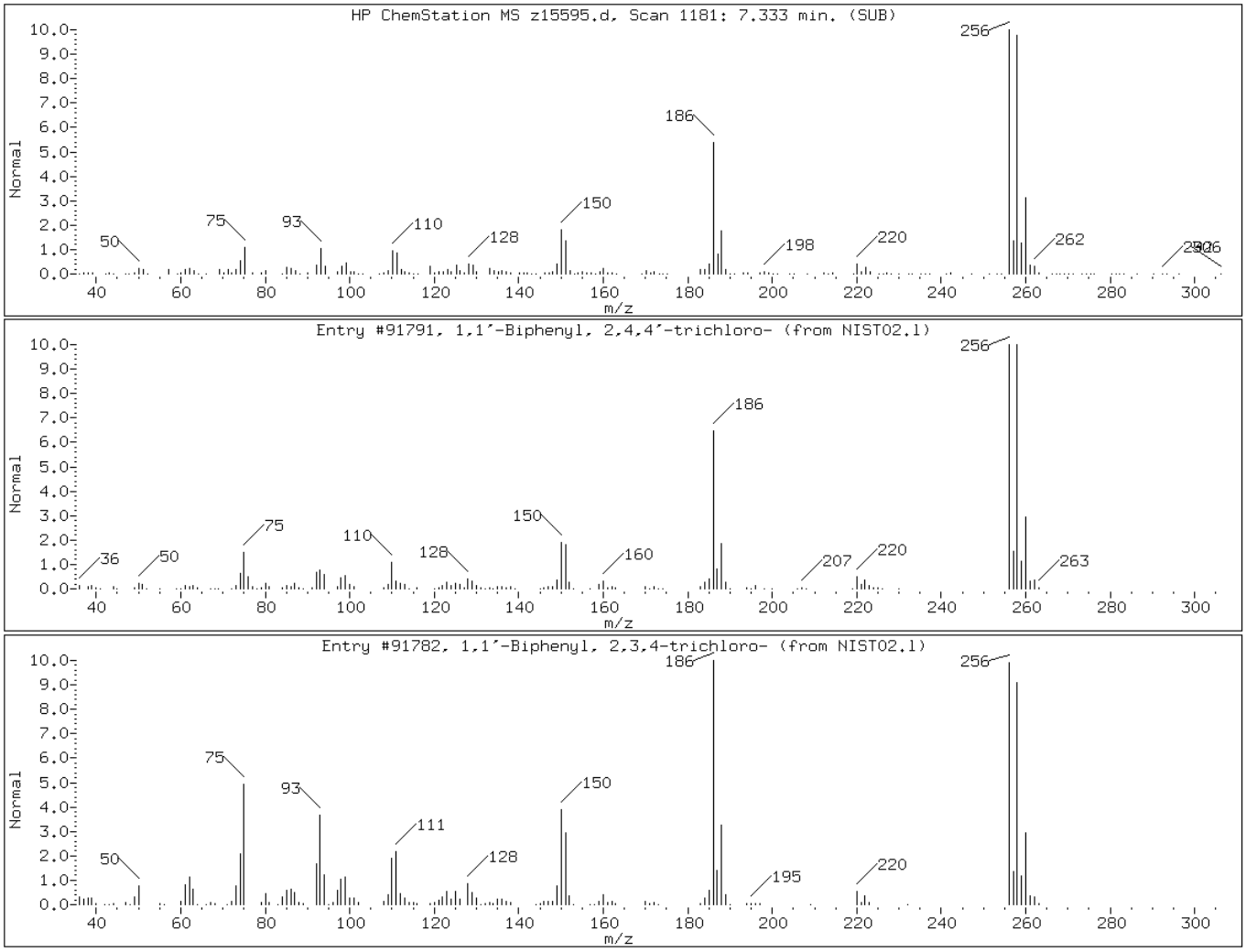
Date: 31-MAR-2011 08:57

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24279-F-7-B Operator: BNAMS 4

Retention Time: 7.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	99	C12H7Cl3	256



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) | Lab Sample ID: 460-24279-8

Matrix: Solid | Lab File ID: z15605.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 12:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1800	U	1800	220
95-57-8	2-Chlorophenol	1800	U	1800	240
95-48-7	2-Methylphenol	1800	U	1800	260
106-44-5	4-Methylphenol	1800	U	1800	300
100-52-7	Benzaldehyde	1800	U	1800	110
98-86-2	Acetophenone	1800	U	1800	270
111-44-4	Bis(2-chloroethyl)ether	180	U	180	38
108-60-1	2,2'-oxybis[1-chloropropane]	1800	U	1800	240
621-64-7	N-Nitrosodi-n-propylamine	180	U	180	24
98-95-3	Nitrobenzene	180	U	180	41
67-72-1	Hexachloroethane	180	U	180	31
78-59-1	Isophorone	1800	U	1800	210
88-75-5	2-Nitrophenol	1800	U	1800	300
105-67-9	2,4-Dimethylphenol	1800	U	1800	290
120-83-2	2,4-Dichlorophenol	1800	U	1800	290
111-91-1	Bis(2-chloroethoxy)methane	1800	U	1800	260
91-20-3	Naphthalene	1800	U	1800	270
106-47-8	4-Chloroaniline	1800	U	1800	230
87-68-3	Hexachlorobutadiene	370	U	370	73
105-60-2	Caprolactam	1800	U	1800	250
59-50-7	4-Chloro-3-methylphenol	1800	U	1800	300
91-57-6	2-Methylnaphthalene	9600	*	1800	260
118-74-1	Hexachlorobenzene	180	U	180	25
77-47-4	Hexachlorocyclopentadiene	1800	U	1800	530
88-06-2	2,4,6-Trichlorophenol	1800	U	1800	320
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	350
92-52-4	Diphenyl	1800		1800	300
91-58-7	2-Chloronaphthalene	1800	U	1800	260
88-74-4	2-Nitroaniline	3700	U	3700	500
606-20-2	2,6-Dinitrotoluene	370	U	370	46
131-11-3	Dimethyl phthalate	1800	U	1800	250
208-96-8	Acenaphthylene	1800	U	1800	260
99-09-2	3-Nitroaniline	3700	U	3700	410
83-32-9	Acenaphthene	1600	J	1800	260

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) | Lab Sample ID: 460-24279-8

Matrix: Solid | Lab File ID: z15605.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 12:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5500	U	5500	470
51-28-5	2,4-Dinitrophenol	5500	U	5500	390
132-64-9	Dibenzofuran	490	J	1800	270
84-66-2	Diethyl phthalate	1800	U	1800	240
86-73-7	Fluorene	2000		1800	310
206-44-0	Fluoranthene	1800	U	1800	300
84-74-2	Di-n-butyl phthalate	1800	U	1800	280
121-14-2	2,4-Dinitrotoluene	370	U	370	53
7005-72-3	4-Chlorophenyl phenyl ether	1800	U	1800	310
100-01-6	4-Nitroaniline	3700	U *	3700	370
534-52-1	4,6-Dinitro-2-methylphenol	5500	U	5500	870
101-55-3	4-Bromophenyl phenyl ether	1800	U	1800	320
1912-24-9	Atrazine	1800	U	1800	340
120-12-7	Anthracene	1800	U	1800	320
86-74-8	Carbazole	1800	U	1800	290
85-01-8	Phenanthrene	3100		1800	320
87-86-5	Pentachlorophenol	5500	U	5500	890
129-00-0	Pyrene	600	J	1800	310
218-01-9	Chrysene	1800	U	1800	260
207-08-9	Benzo[k]fluoranthene	180	U	180	25
191-24-2	Benzo[g,h,i]perylene	1800	U	1800	190
205-99-2	Benzo[b]fluoranthene	180	U	180	27
50-32-8	Benzo[a]pyrene	180	U	180	22
56-55-3	Benzo[a]anthracene	180	U	180	34
86-30-6	N-Nitrosodiphenylamine	1800	U	1800	300
85-68-7	Butyl benzyl phthalate	1800	U	1800	210
117-81-7	Bis(2-ethylhexyl) phthalate	1800	U	1800	240
117-84-0	Di-n-octyl phthalate	1800	U	1800	220
193-39-5	Indeno[1,2,3-cd]pyrene	180	U	180	29
53-70-3	Dibenz(a,h)anthracene	180	U	180	22
91-94-1	3,3'-Dichlorobenzidine	3700	U	3700	400
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	240
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	360

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) | Lab Sample ID: 460-24279-8

Matrix: Solid | Lab File ID: z15605.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 12:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	96		38-105
4165-62-2	Phenol-d5	109		41-118
1718-51-0	Terphenyl-d14	94		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	98		37-125
321-60-8	2-Fluorobiphenyl	103		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) | Lab Sample ID: 460-24279-8

Matrix: Solid | Lab File ID: z15605.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 12:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 388000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C11H24 Alkane	3.12	19000	J
	C12H26 Alkane	3.87	15000	J
	C13H28 Alkane	3.96	16000	J
	Unknown-3	4.29	17000	J
	Unknown Alkane	4.35	18000	J
	Unknown-4	4.37	14000	J
	Tetrahydromethylnaphthalene isomer	4.45	17000	J
	Unknown-5	4.52	13000	J
	Tetrahydrodimethylnaphthalene isomer	4.63	14000	J
	Unknown Alkane-2	4.96	30000	J
	Dimethylnaphthalene isomer	5.13	20000	J
575-41-7	1,3-Dimethylnaphthalene	5.20	28000	
	Unknown-6	5.23	17000	J
	Unknown Cycloalkane	5.35	14000	J
	Unknown Alkane-3	5.41	23000	J
	Trimethylnaphthalene isomer-3	5.85	18000	J
	Unknown-7	6.10	21000	J
	Unknown Alkane-4	6.32	21000	J
	Unknown Alkane-5	6.58	30000	J
593-45-3	n-Octadecane	7.02	23000	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15605.d
Report Date: 31-Mar-2011 14:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15605.d
Lab Smp Id: 460-24279-F-8-B Client Smp ID: PMP-7-WT-E (8-8.5)
Inj Date : 31-MAR-2011 12:33
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-8-B
Misc Info : 460-24279-F-8-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 29
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	8.96018	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.328	1.322	(0.556)	184848	19.5417	7100
$ 17 Phenol-d5 (SUR)	99	2.128	2.151	(0.892)	240392	21.7833	8000
113 n-decane	43	2.304	2.304	(0.966)	192055	17.0888	6200
* 79 1,4-Dichlorobenzene-d4	152	2.387	2.387	(1.000)	304137	40.0000	
22 1,4-Dichlorobenzene	146	2.398	2.404	(1.005)	1433	0.11377	42(a)
23 1,2-Dichlorobenzene	146	2.546	2.546	(1.067)	1460	0.12250	45(a)
$ 76 Nitrobenzene-d5 (SUR)	82	2.963	2.975	(0.795)	101778	9.55742	3500
30 1,2,4-Trichlorobenzene	180	3.692	3.687	(0.991)	168173	18.5049	6800
* 80 Naphthalene-d8	136	3.728	3.728	(1.000)	1016493	40.0000	
34 2-Methylnaphthalene	142	4.487	4.475	(1.204)	420597	26.3288	9600
120 1-Methylnaphthalene	142	4.581	4.569	(1.229)	441173	28.2804	10000
$ 77 2-Fluorobiphenyl (SUR)	172	4.892	4.887	(0.888)	165232	10.3476	3800
102 Diphenyl	154	4.975	4.969	(0.903)	81448	4.98675	1800(a)

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15605.d
Report Date: 31-Mar-2011 14:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
125	1,3-Dimethylnaphthalene	156	5.204	5.192	(0.944)	776355	75.7425	28000
* 82	Acenaphthene-d10	164	5.510	5.498	(1.000)	407251	40.0000	
42	Acenaphthene	154	5.534	5.528	(1.004)	49407	4.49070	1600(a)
43	Dibenzofuran	168	5.710	5.698	(1.036)	21239	1.33624	490(a)
47	Fluorene	166	6.039	6.028	(1.096)	66557	5.58505	2000
$ 18	2,4,6-Tribromophenol (SUR)	330	6.281	6.269	(1.140)	22806	13.4289	4900
* 83	Phenanthrene-d10	188	6.922	6.910	(1.000)	567362	40.0000	
52	Phenanthrene	178	6.945	6.933	(1.003)	138439	8.60806	3100
115	n-Octadecane	57	7.022	6.986	(1.014)	542662	63.4375	23000
57	Pyrene	202	8.269	8.263	(0.877)	23647	1.64382	600(a)
$ 78	Terphenyl-d14	244	8.492	8.492	(0.900)	90260	9.42357	3400
* 81	Chrysene-d12	240	9.433	9.433	(1.000)	355067	40.0000	
* 84	Perylene-d12	264	10.757	10.745	(1.000)	373868	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15605.d
Report Date: 31-Mar-2011 14:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15605.d
Lab Smp Id: 460-24279-F-8-B Client Smp ID: PMP-7-WT-E (8-8.5)
Inj Date : 31-MAR-2011 12:33
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-8-B
Misc Info : 460-24279-F-8-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 29
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	8.96018	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	3.728	3189690	40.000
* 82 Acenaphthene-d10	5.510	2581511	40.000
* 83 Phenanthrene-d10	6.922	3067539	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C11H24 Alkane					CAS #:		
3.116	4100257	51.4188630	19000	0		0	80

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15605.d
Report Date: 31-Mar-2011 14:53

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane					CAS #:		
3.616	1876927	23.5374155	8600	0		0	80
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
3.769	1989101	24.9441273	9100	0		0	80
C12H26 Alkane					CAS #:		
3.875	3166570	39.7100628	14000	0		0	80
C13H28 Alkane					CAS #:		
3.963	3417311	42.8544544	16000	0		0	80
Unknown					CAS #:		
4.016	2620900	32.8671371	12000	0		0	80
Unknown-2					CAS #:		
4.257	1915891	24.0260367	8800	0		0	80
Unknown-3					CAS #:		
4.292	3632833	45.5571793	17000	0		0	80
Unknown Alkane					CAS #:		
4.345	3956283	49.6133700	18000	0		0	80
Unknown-4					CAS #:		
4.369	3041344	38.1396669	14000	0		0	80
Tetrahydromethylnaphthalene isomer					CAS #:		
4.451	3676809	46.1086608	17000	0		0	80
Unknown-5					CAS #:		
4.516	2822091	35.3901565	13000	0		0	80
Tetrahydrodimethylnaphthalene isomer					CAS #:		
4.634	2423746	37.5554542	14000	0		0	82
Unknown Alkane-2					CAS #:		
4.957	5278868	81.7949985	30000	0		0	82
Dimethylnaphthalene isomer					CAS #:		
5.134	3450007	53.4571631	20000	0		0	82
Unknown-6					CAS #:		
5.228	2944004	45.6167538	17000	0		0	82

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15605.d
Report Date: 31-Mar-2011 14:53

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
5.351	2557156	39.6226106	14000	0		0	82

Unknown Cycloalkane CAS #:

5.410	4060008	62.9090058	23000	0		0	82

Unknown Alkane-3 CAS #:

5.651	2039973	31.6089727	12000	0		0	82

Trimethylnaphthalene isomer CAS #:

5.781	2128999	32.9884030	12000	0		0	82

Trimethylnaphthalene isomer-2 CAS #:

5.851	3093779	47.9374742	18000	0		0	82

Trimethylnaphthalene isomer-3 CAS #:

6.098	3682539	57.0601932	21000	0		0	82

Unknown-7 CAS #:

6.322	4346406	56.6761183	21000	0		0	83

Unknown Alkane-4 CAS #:

6.581	6289717	82.0164398	30000	0		0	83

Unknown Alkane-5 CAS #:

7.316	2249586	29.3340767	11000	0		0	83

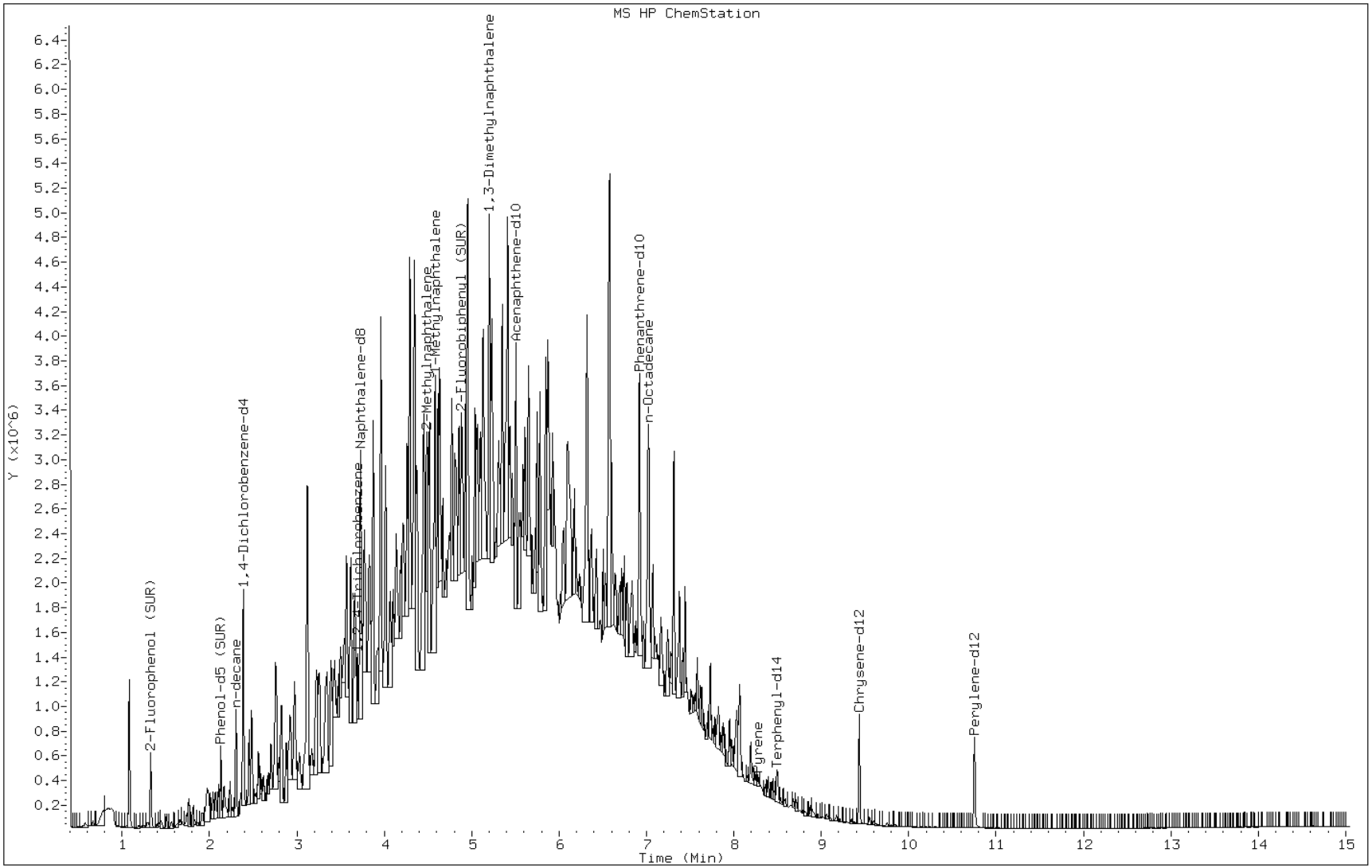
Trichloro-1,1-biphenyl isomer CAS #:

Data File: z15605.d

Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4



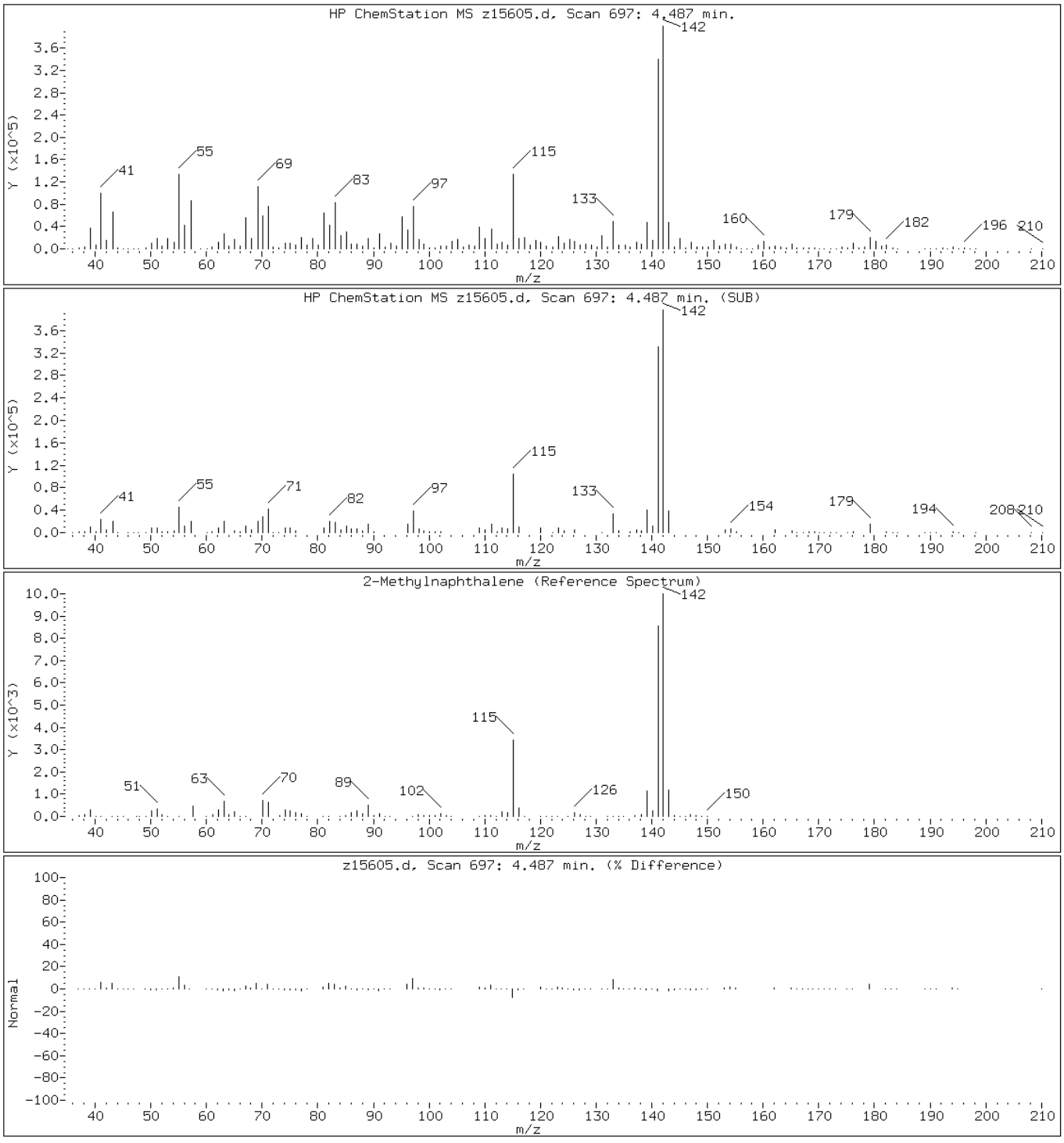
Data File: z15605.d

Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

34 2-Methylnaphthalene



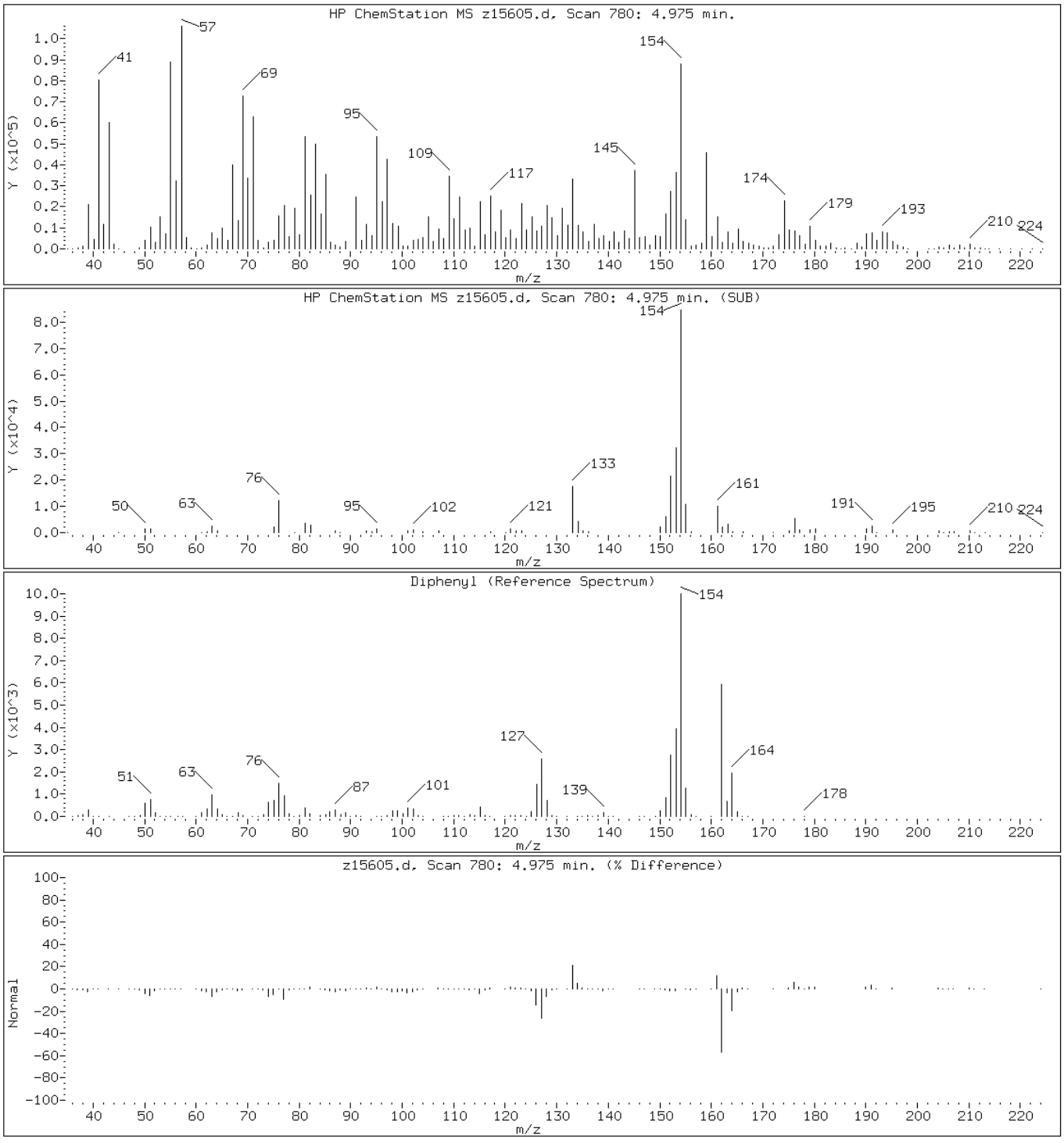
Data File: z15605.d

Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

102 Diphenyl



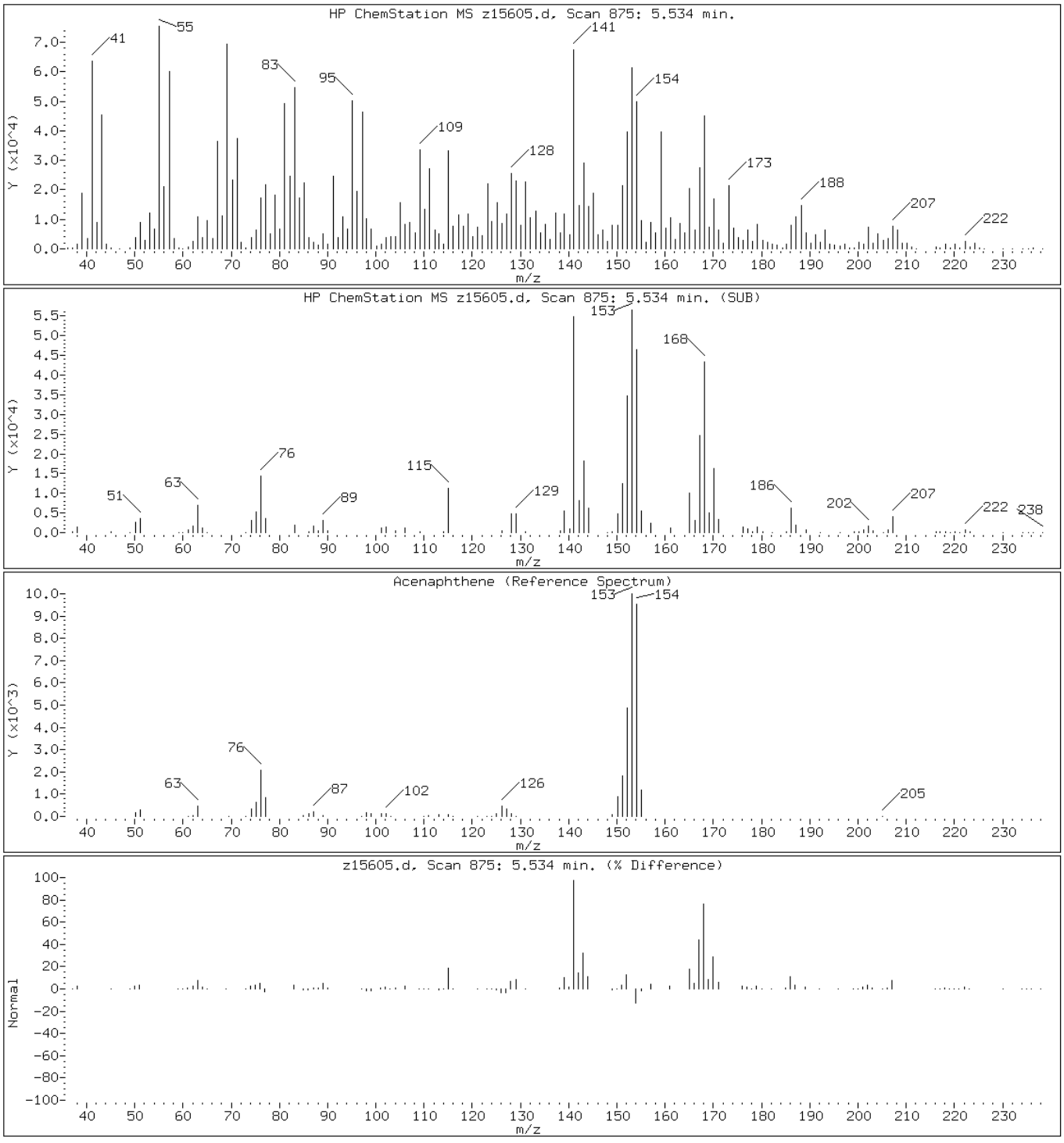
Data File: z15605.d

Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

42 Acenaphthene



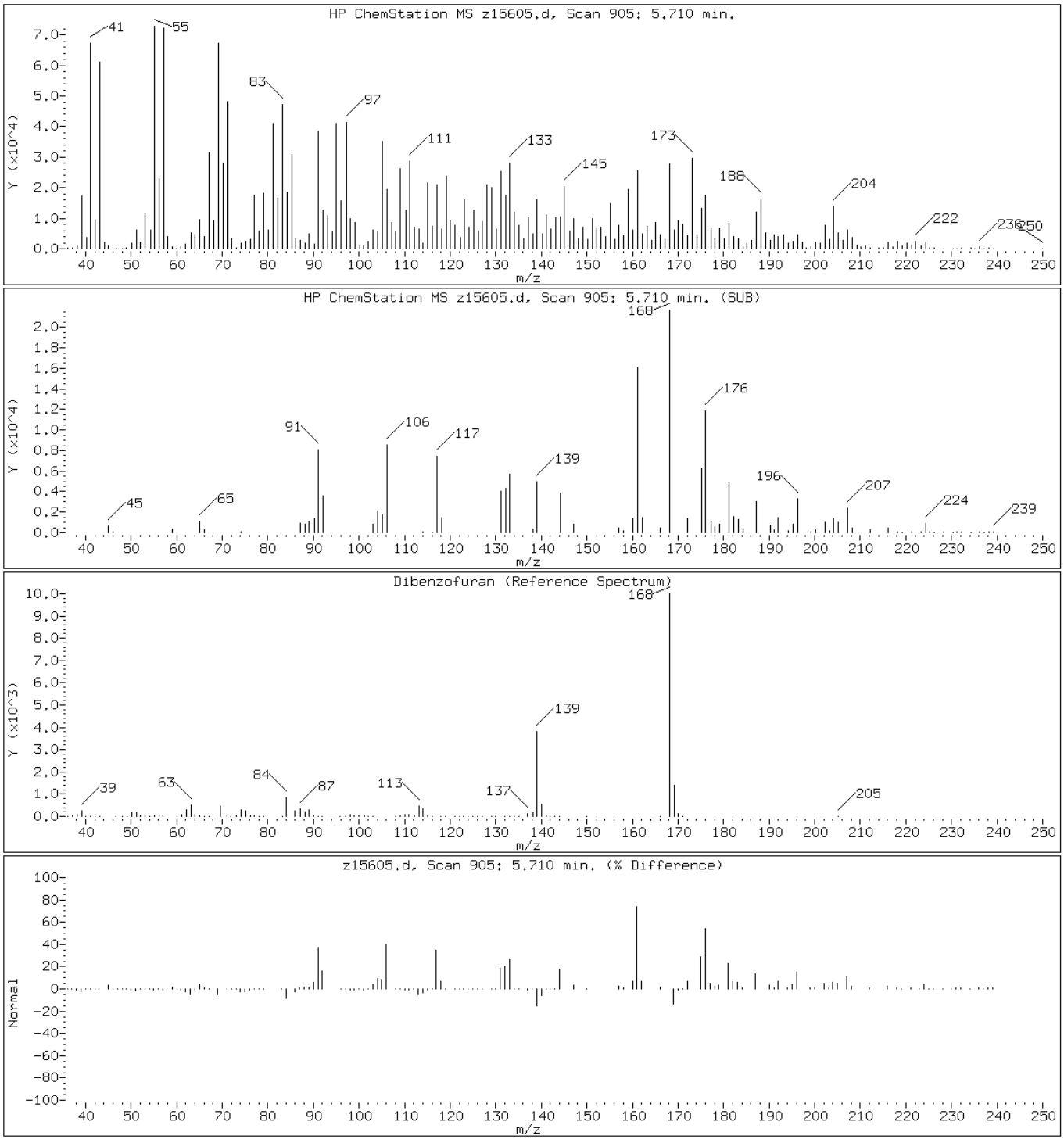
Data File: z15605.d

Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

43 Dibenzofuran



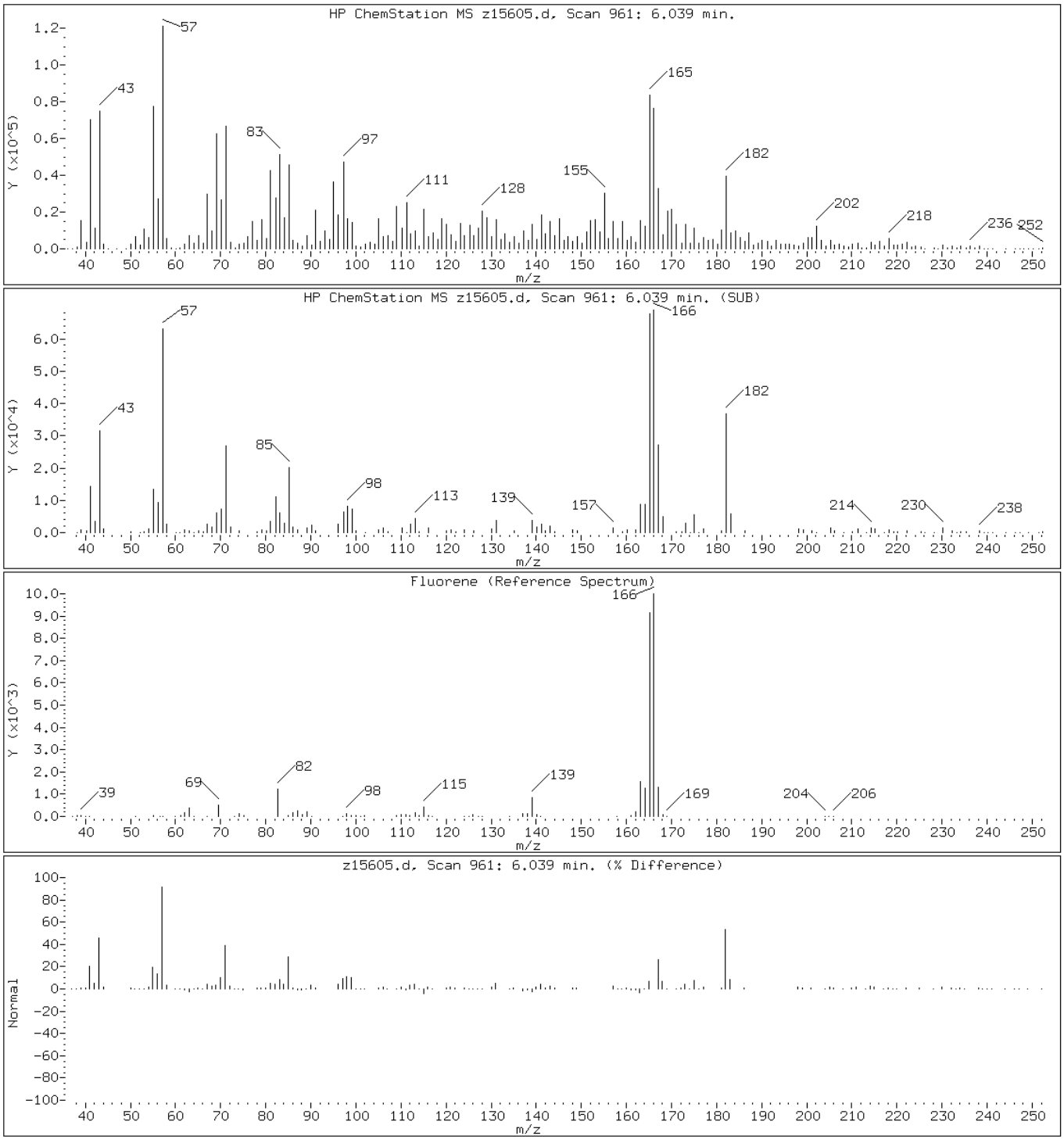
Data File: z15605.d

Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

47 Fluorene



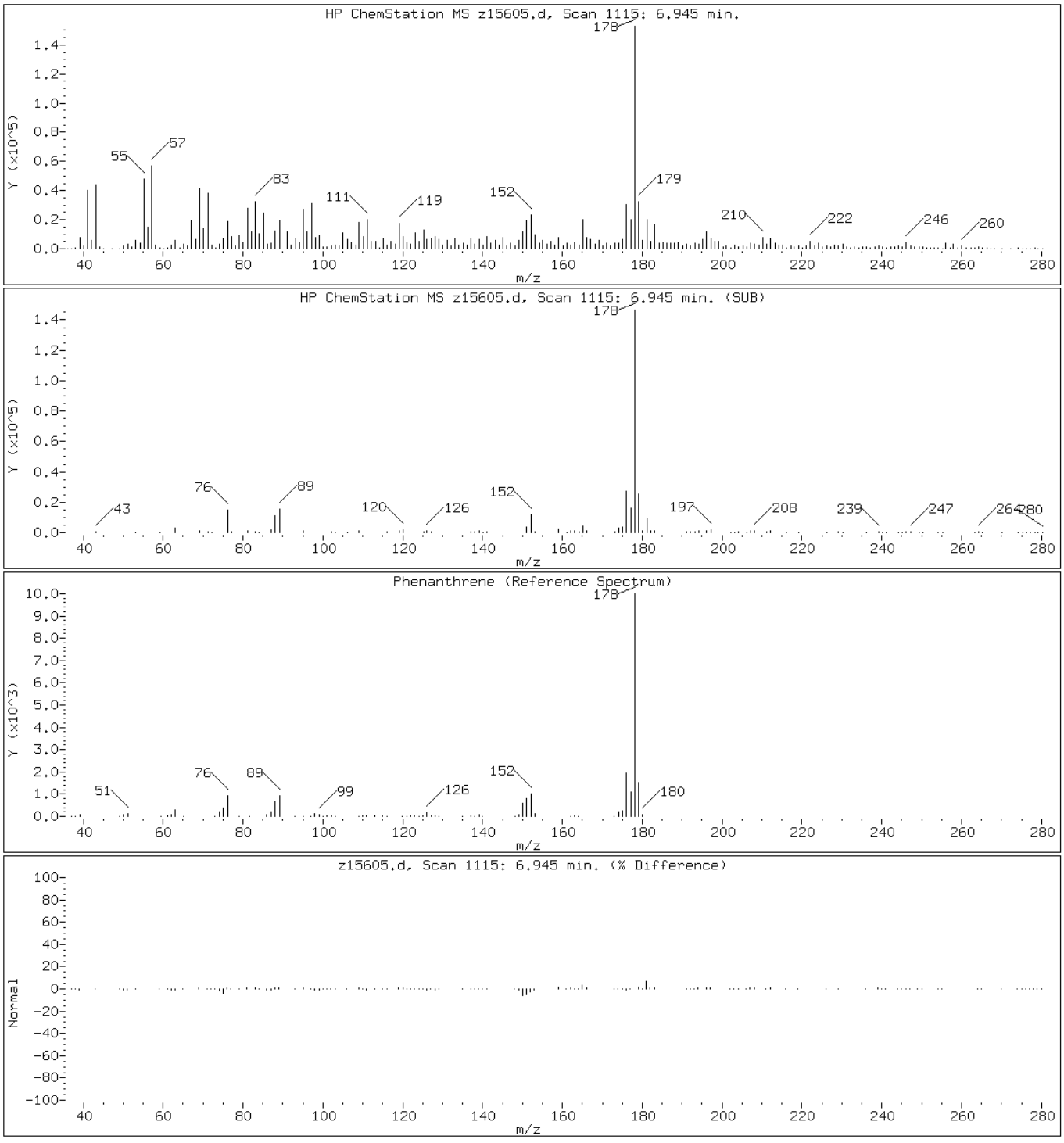
Data File: z15605.d

Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

52 Phenanthrene



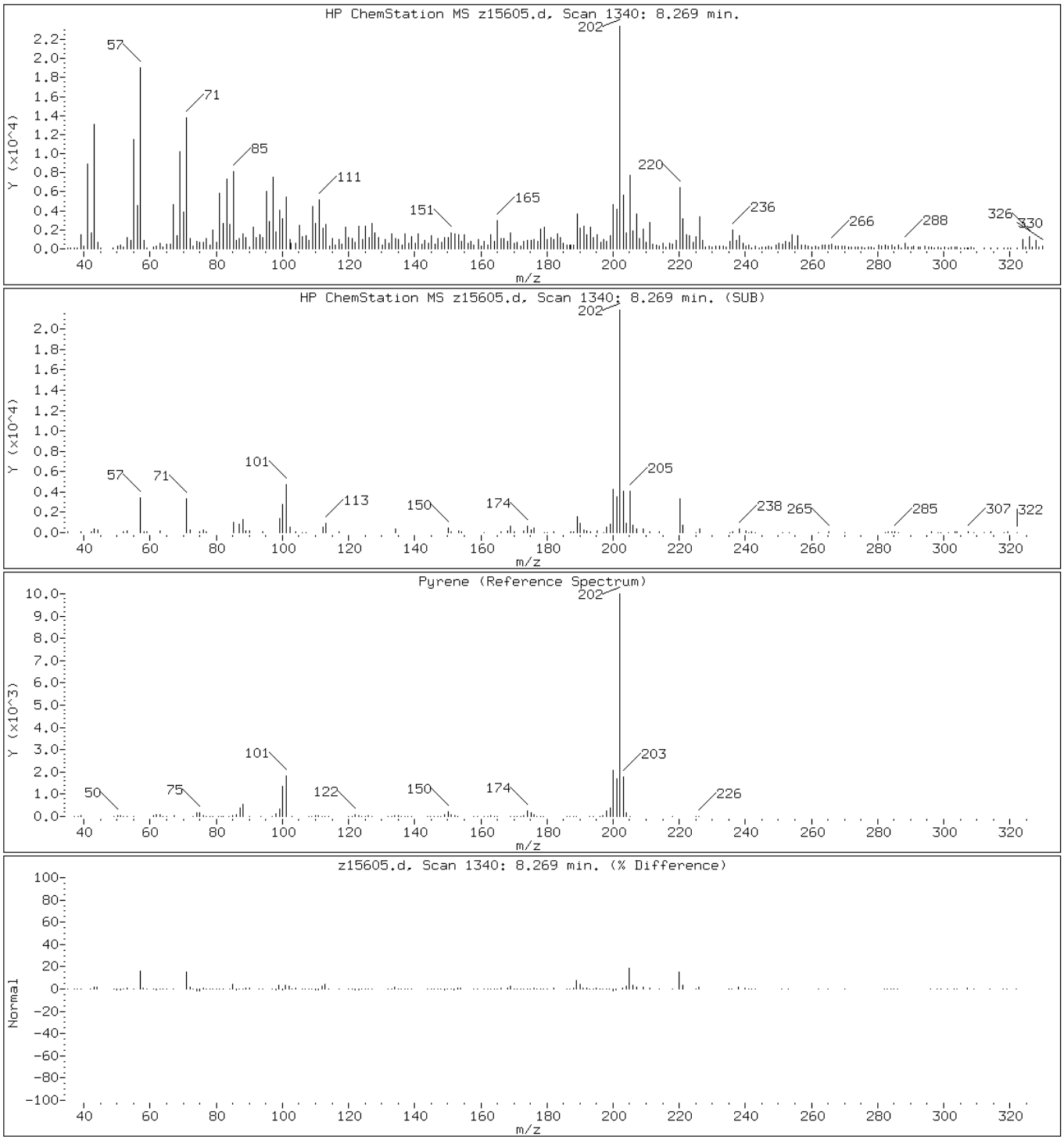
Data File: z15605.d

Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

57 Pyrene



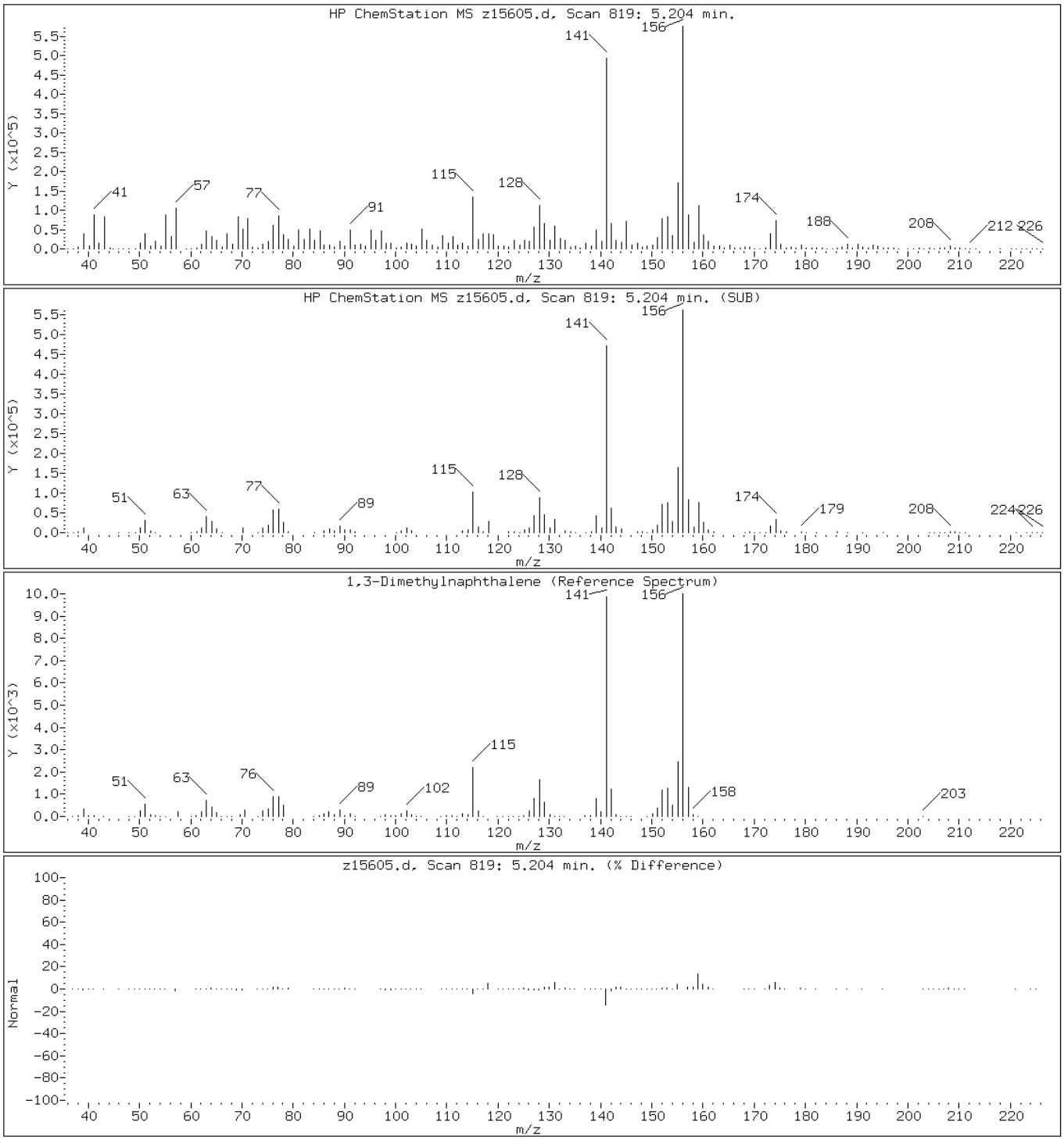
Data File: z15605.d

Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



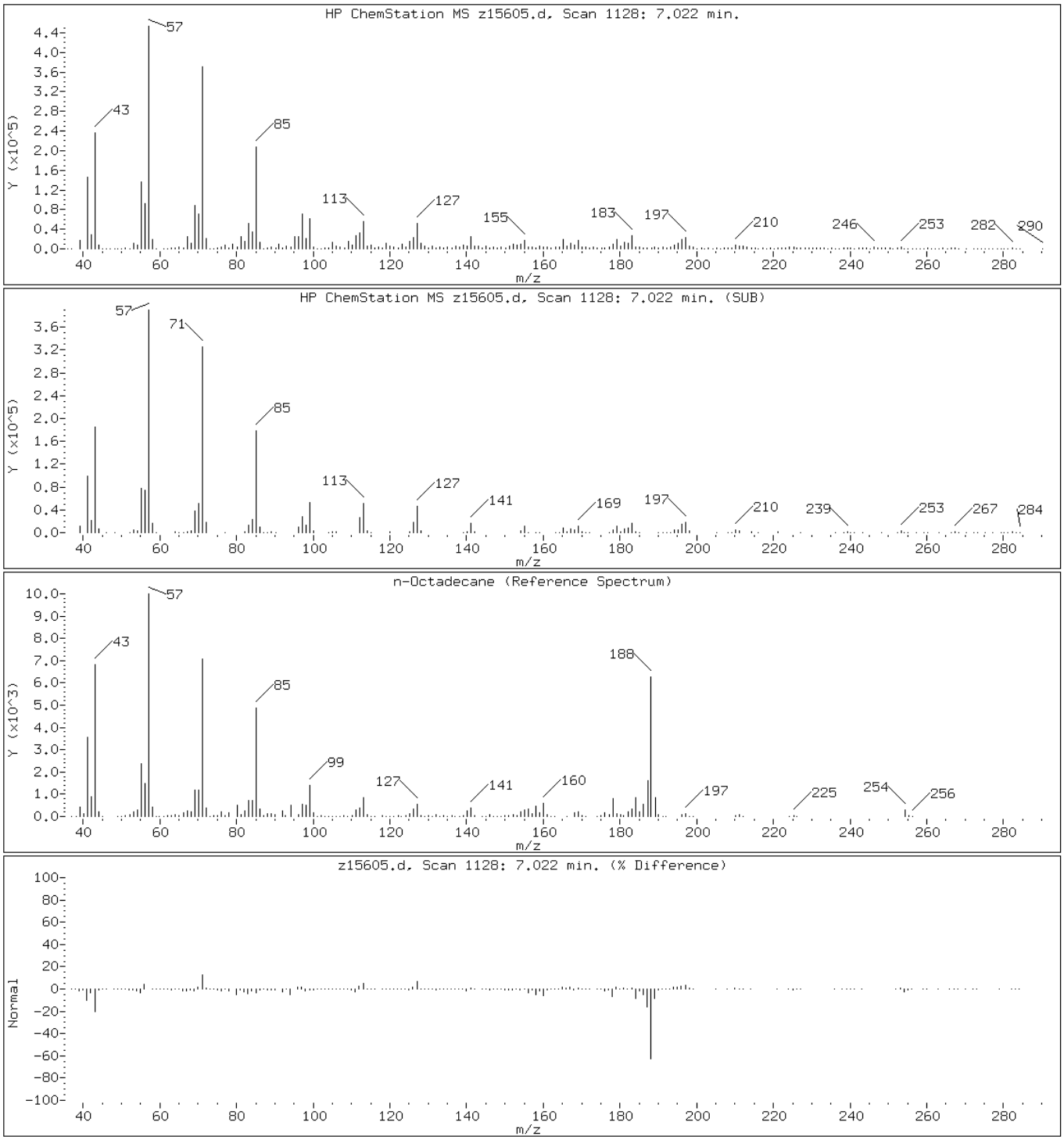
Data File: z15605.d

Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

115 n-Octadecane



Data File: z15605.d

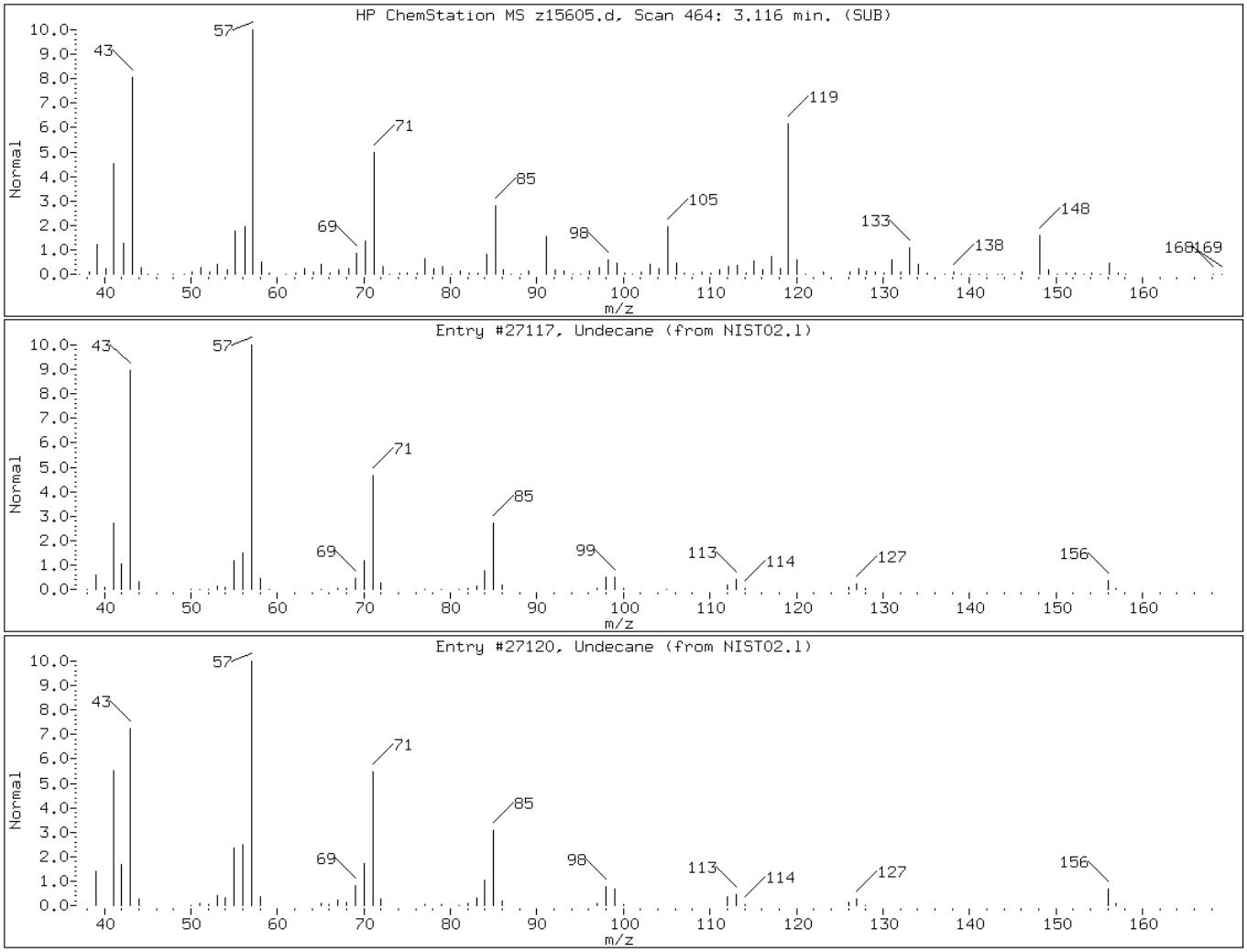
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 3.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Undecane	1120-21-4	NIST02.l	27117	95	C11H24	156
Undecane	1120-21-4	NIST02.l	27120	89	C11H24	156



Data File: z15605.d

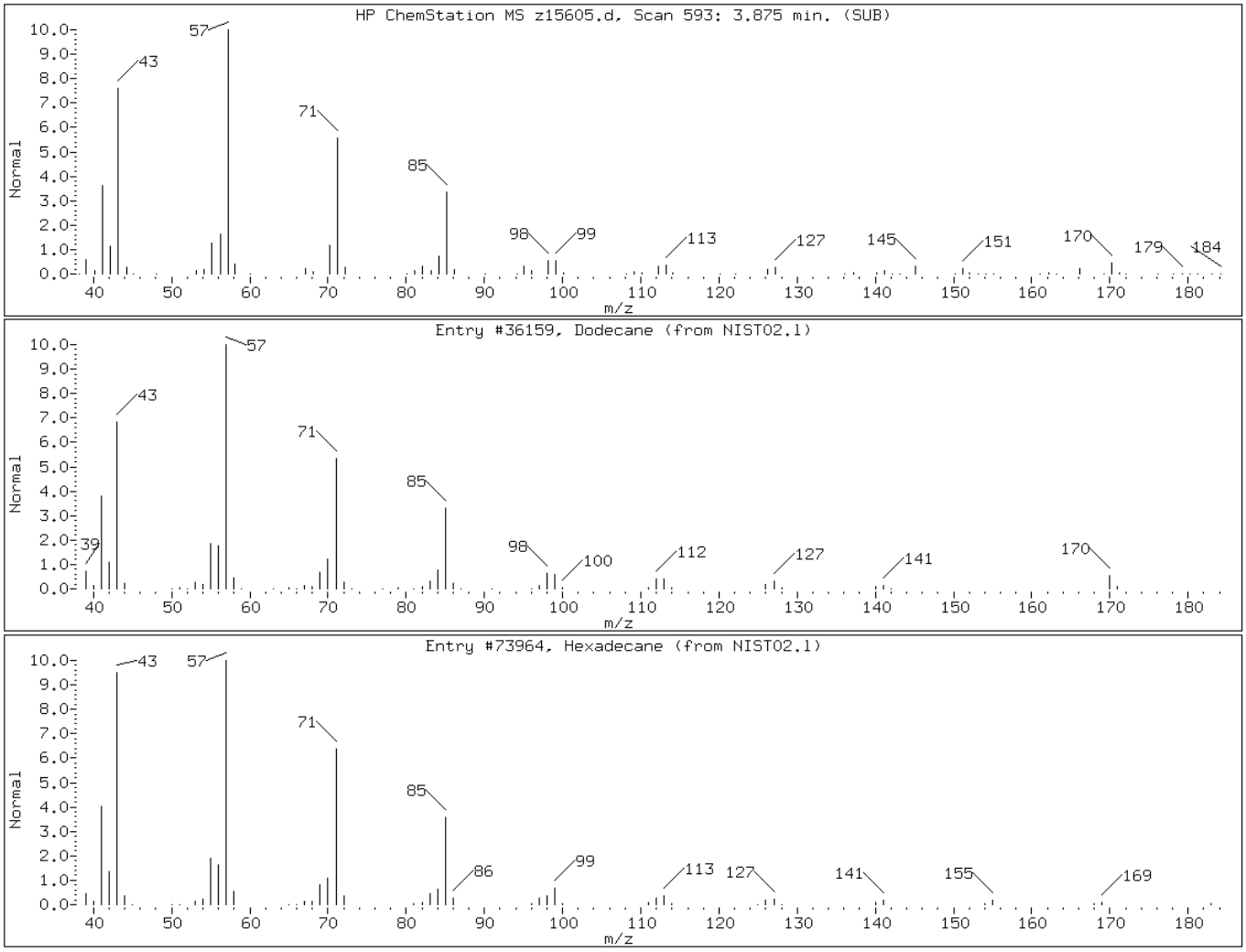
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 3.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170
Hexadecane	544-76-3	NIST02.l	73964	91	C16H34	226



Data File: z15605.d

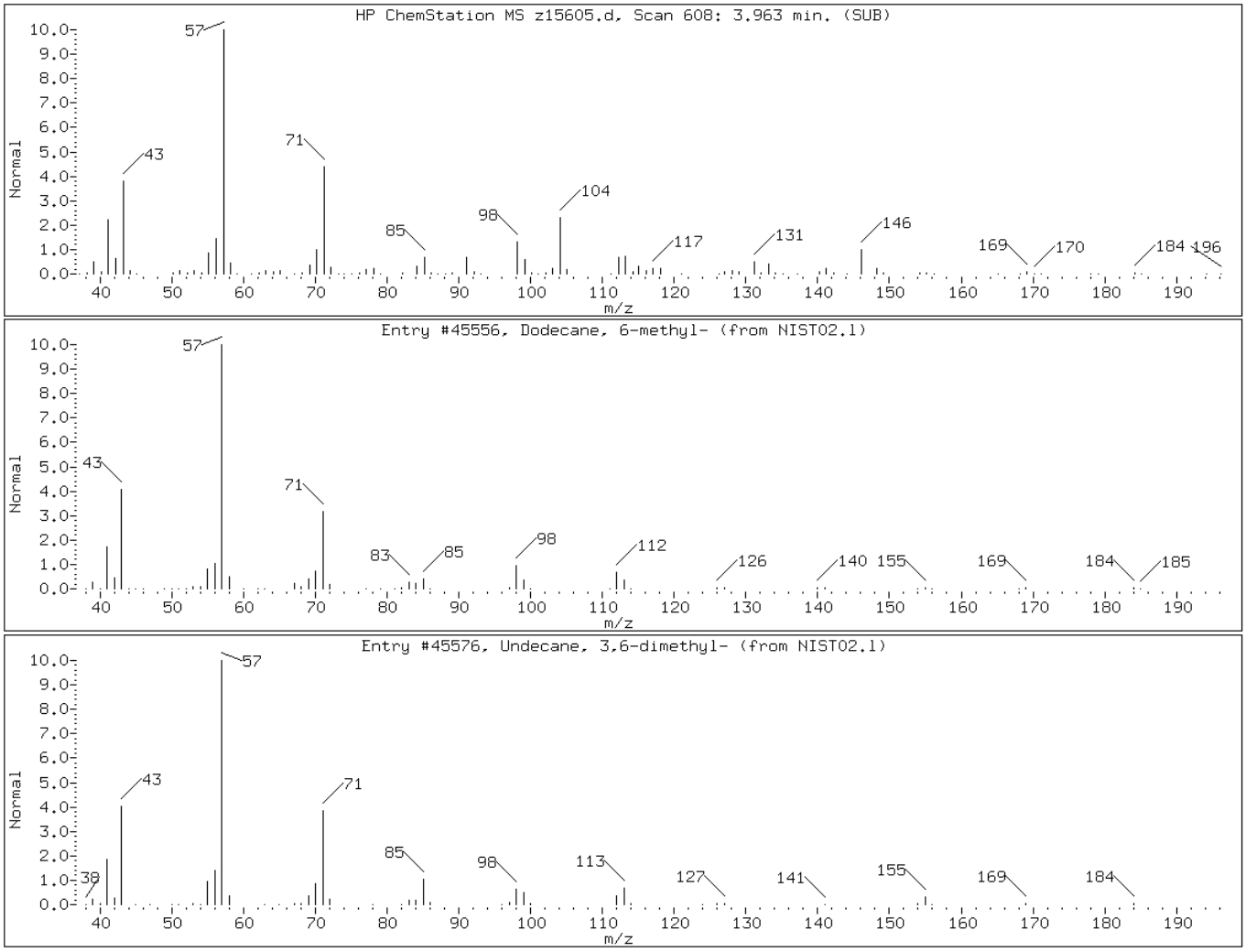
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 3.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Dodecane, 6-methyl-	6044-71-9	NIST02.l	45556	86	C13H28	184
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	83	C13H28	184



Data File: z15605.d

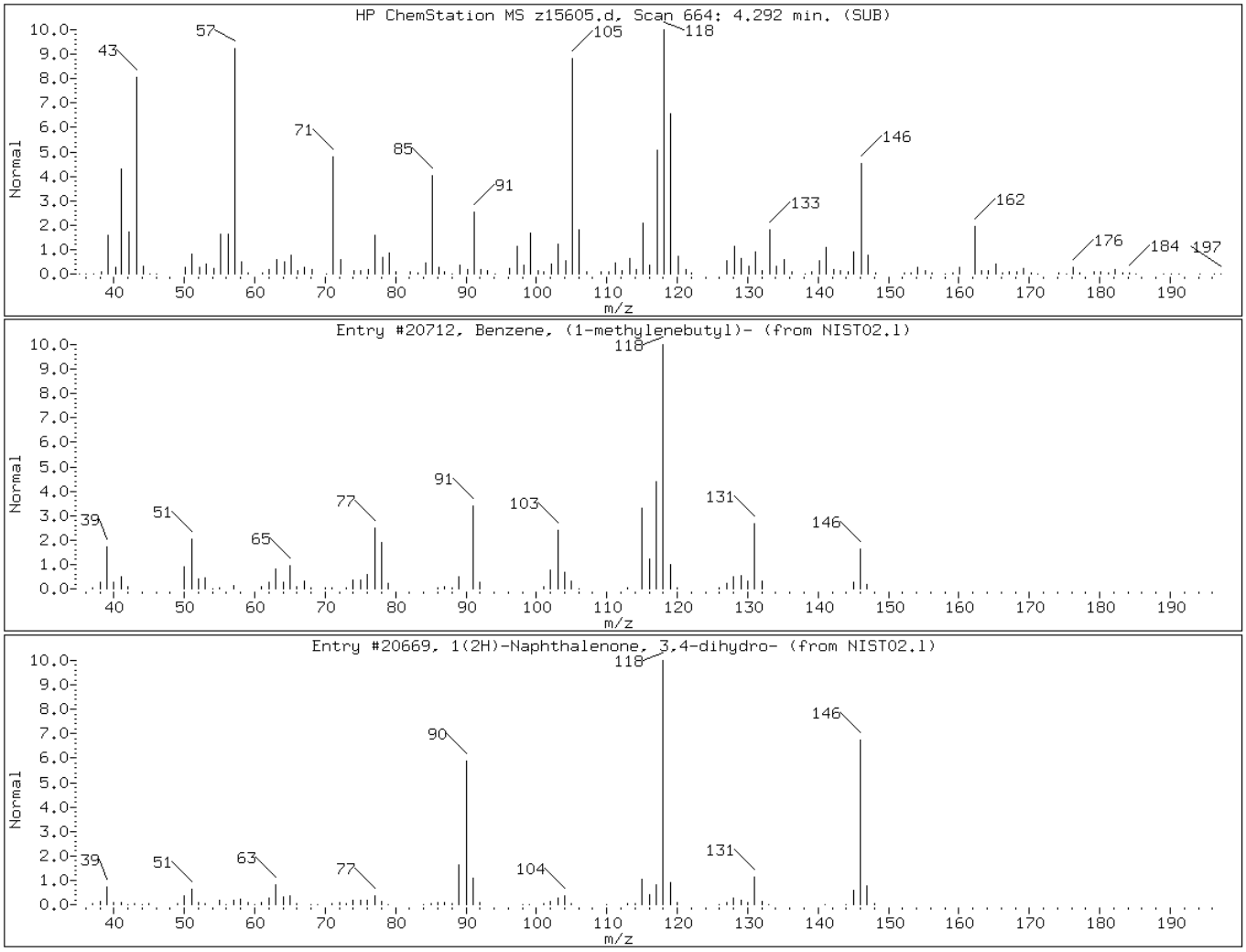
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 4.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Benzene, (1-methylenebutyl)-	5676-32-4	NIST02.l	20712	42	C11H14	146
1(2H)-Naphthalenone, 3,4-dihydro-	529-34-0	NIST02.l	20669	30	C10H10O	146



Data File: z15605.d

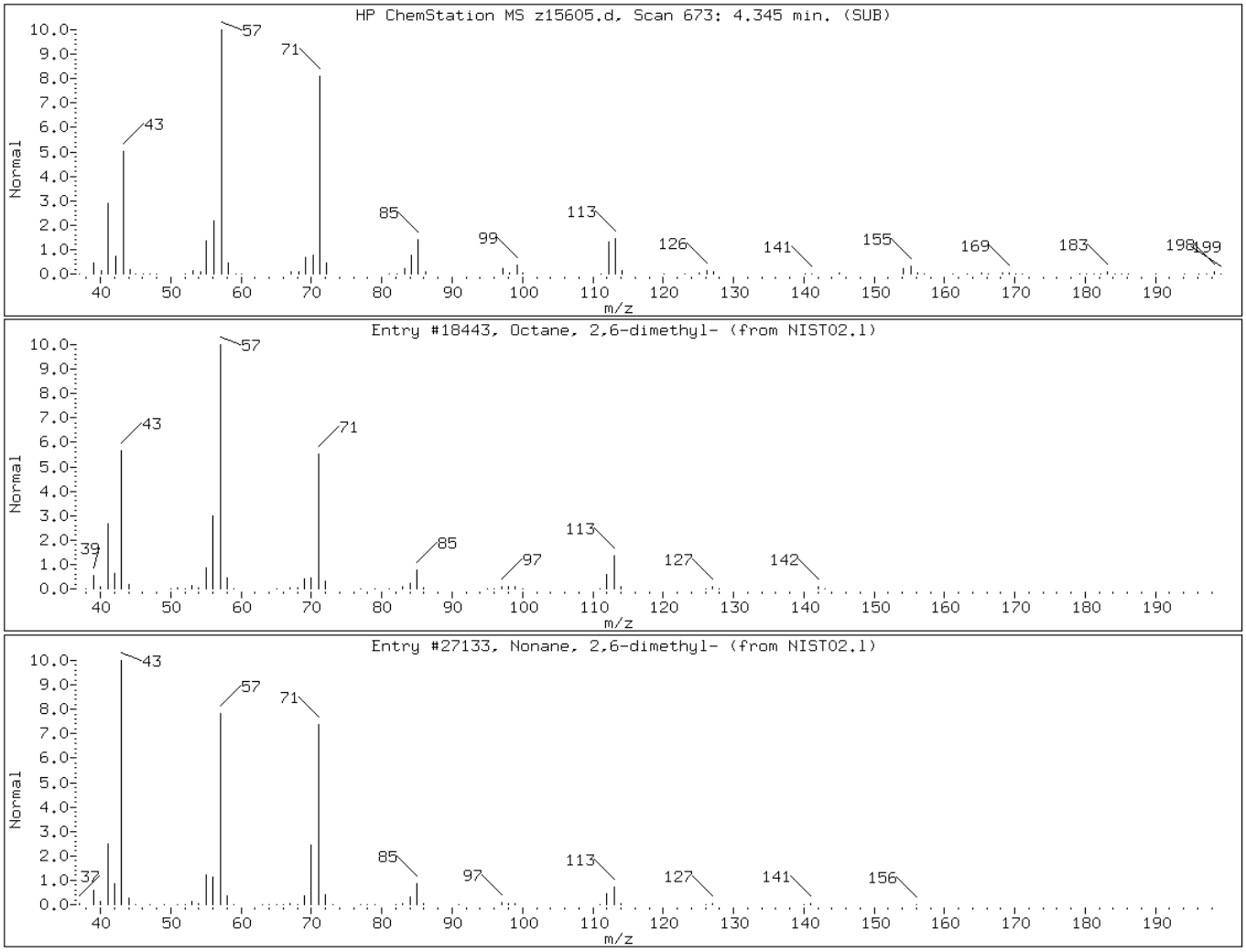
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 4.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	83	C10H22	142
Nonane, 2,6-dimethyl-	17302-28-2	NIST02.l	27133	80	C11H24	156



Data File: z15605.d

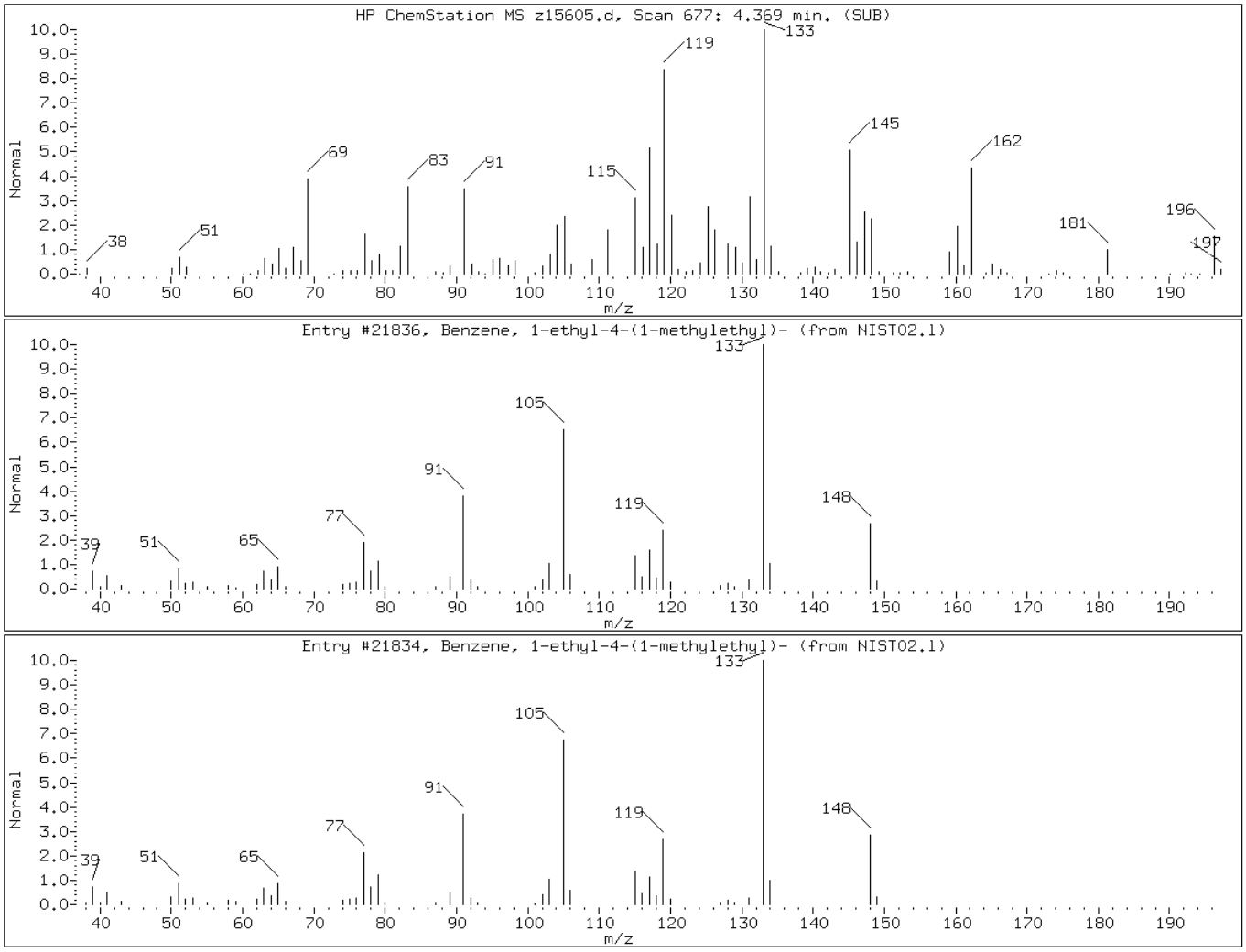
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 4.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Benzene, 1-ethyl-4-(1-methylethyl)	4218-48-8	NIST02.l	21836	35	C11H16	148
Benzene, 1-ethyl-4-(1-methylethyl)	4218-48-8	NIST02.l	21834	35	C11H16	148



Data File: z15605.d

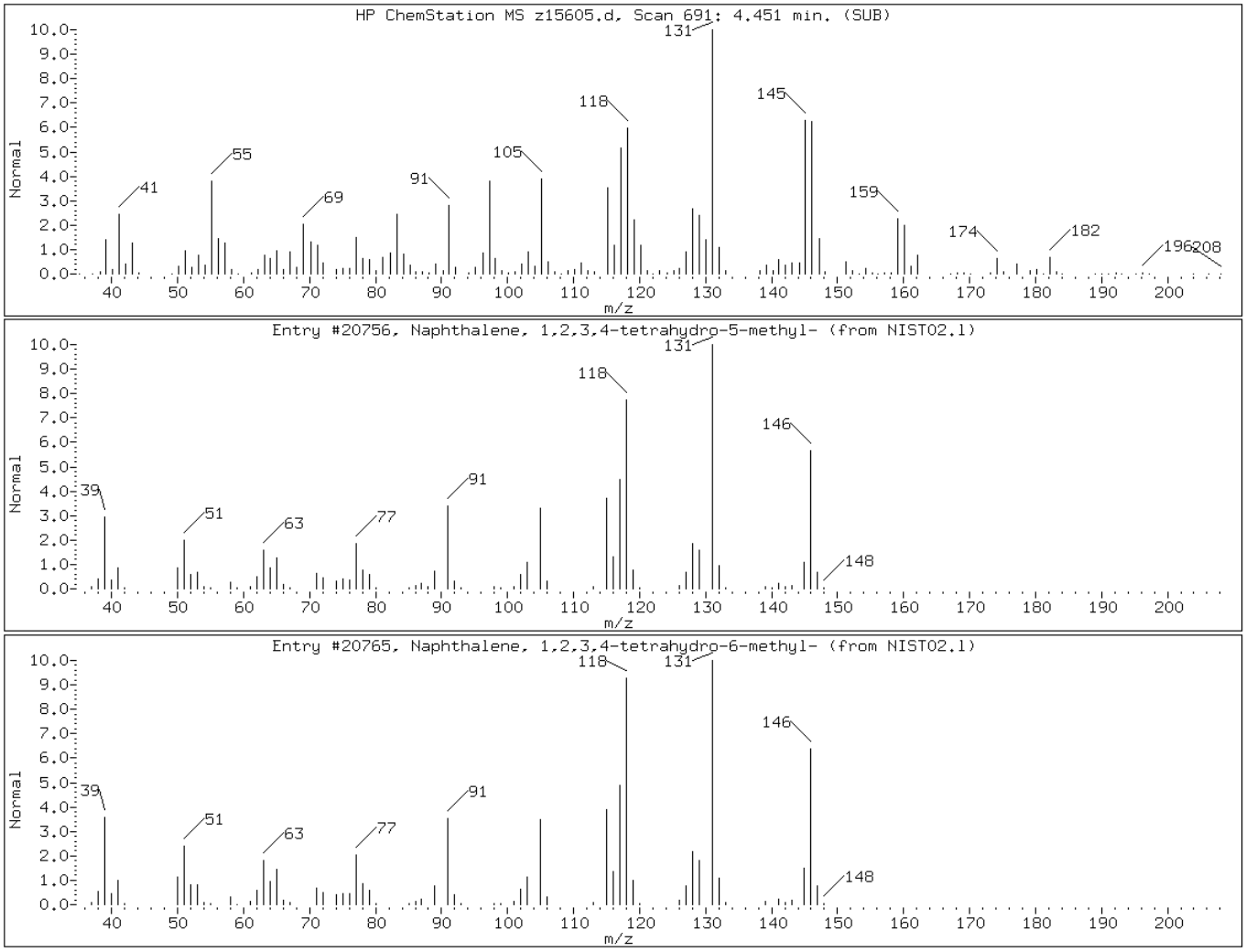
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 4.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20756	64	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-6-	1680-51-9	NIST02.l	20765	60	C11H14	146



Data File: z15605.d

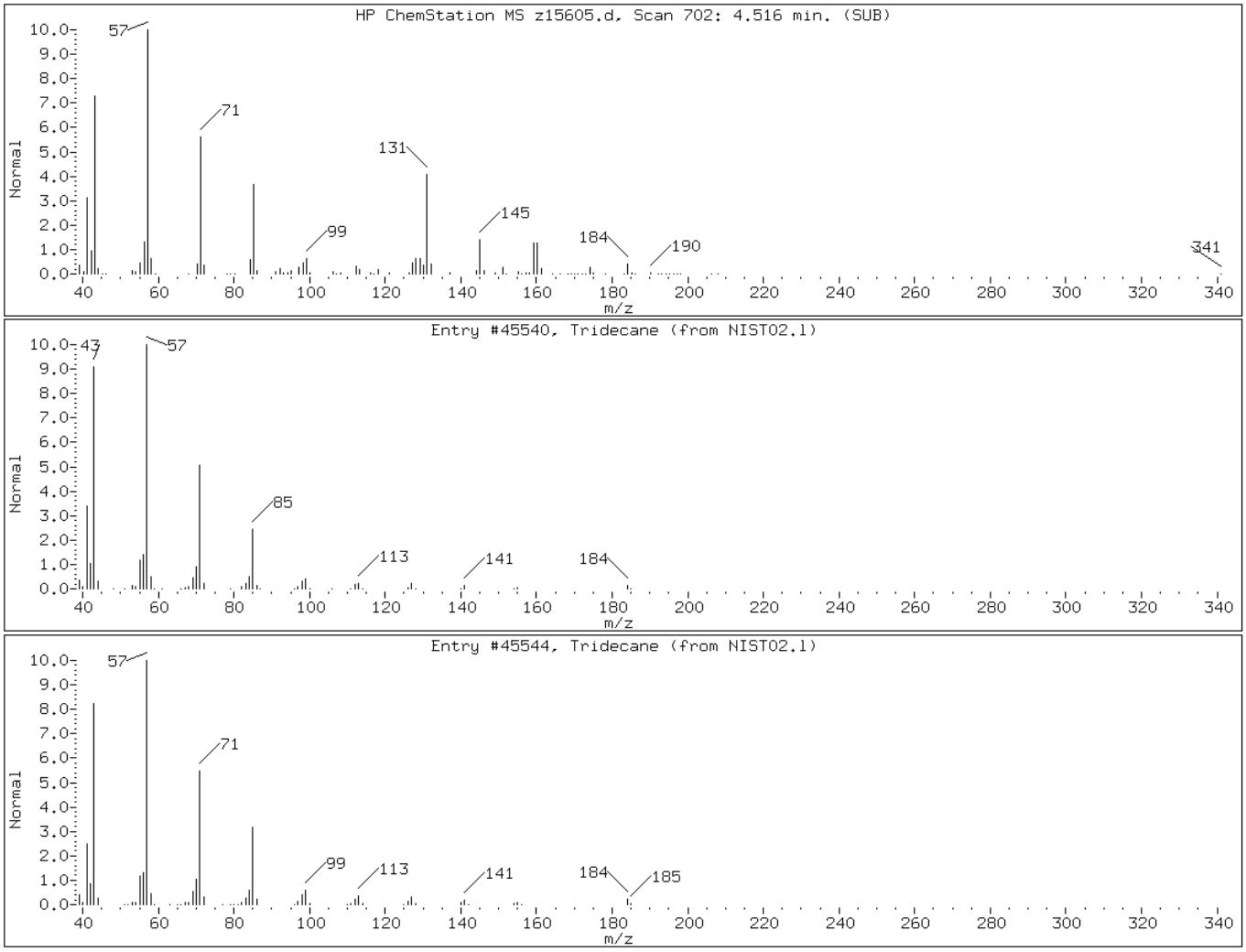
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 4.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Tridecane	629-50-5	NIST02.l	45540	50	C13H28	184
Tridecane	629-50-5	NIST02.l	45544	50	C13H28	184



Data File: z15605.d

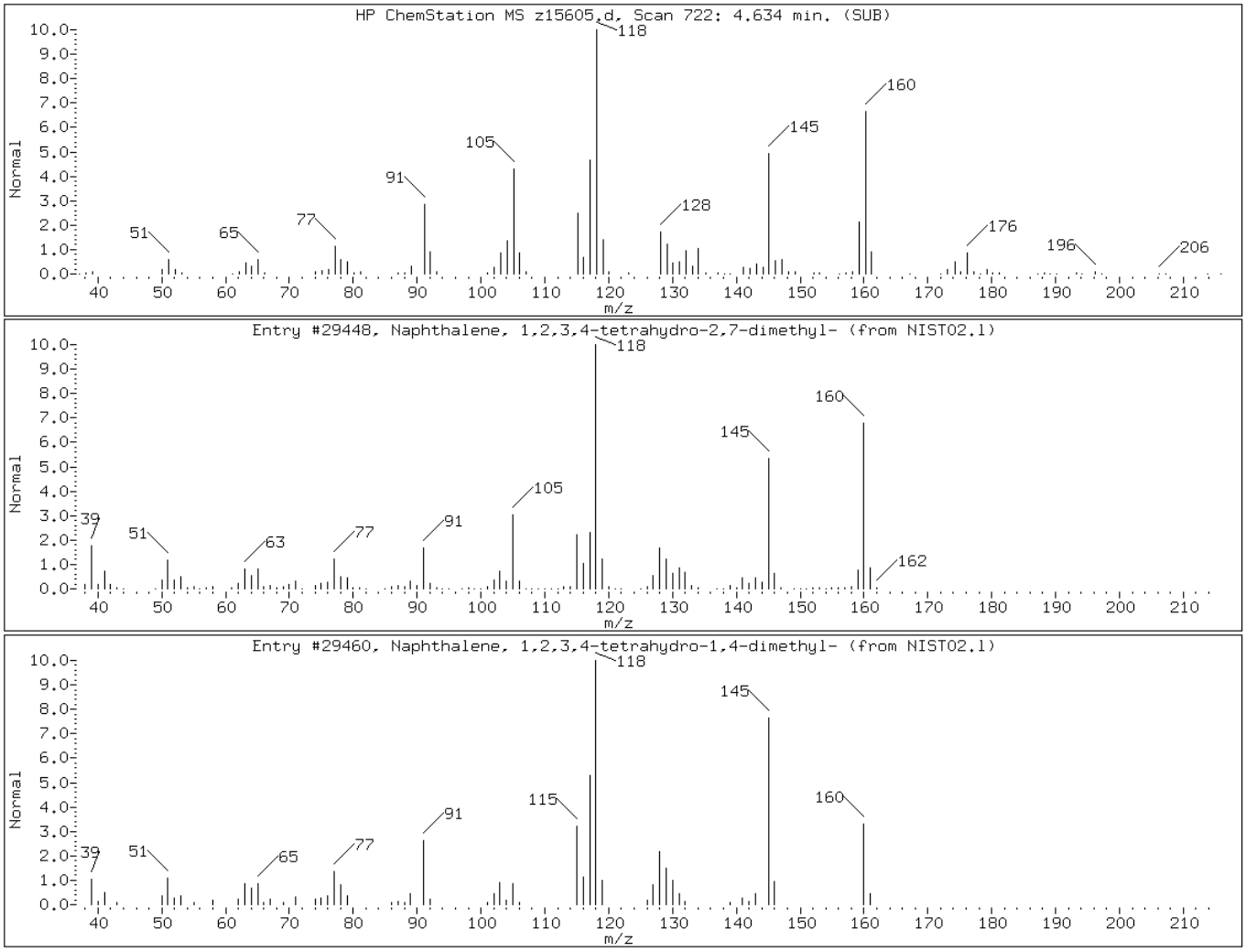
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 4.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
Naphthalene, 1,2,3,4-tetrahydro-2,	13065-07-1	NIST02.l	29448	90	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-1,	4175-54-6	NIST02.l	29460	80	C12H16	160



Data File: z15605.d

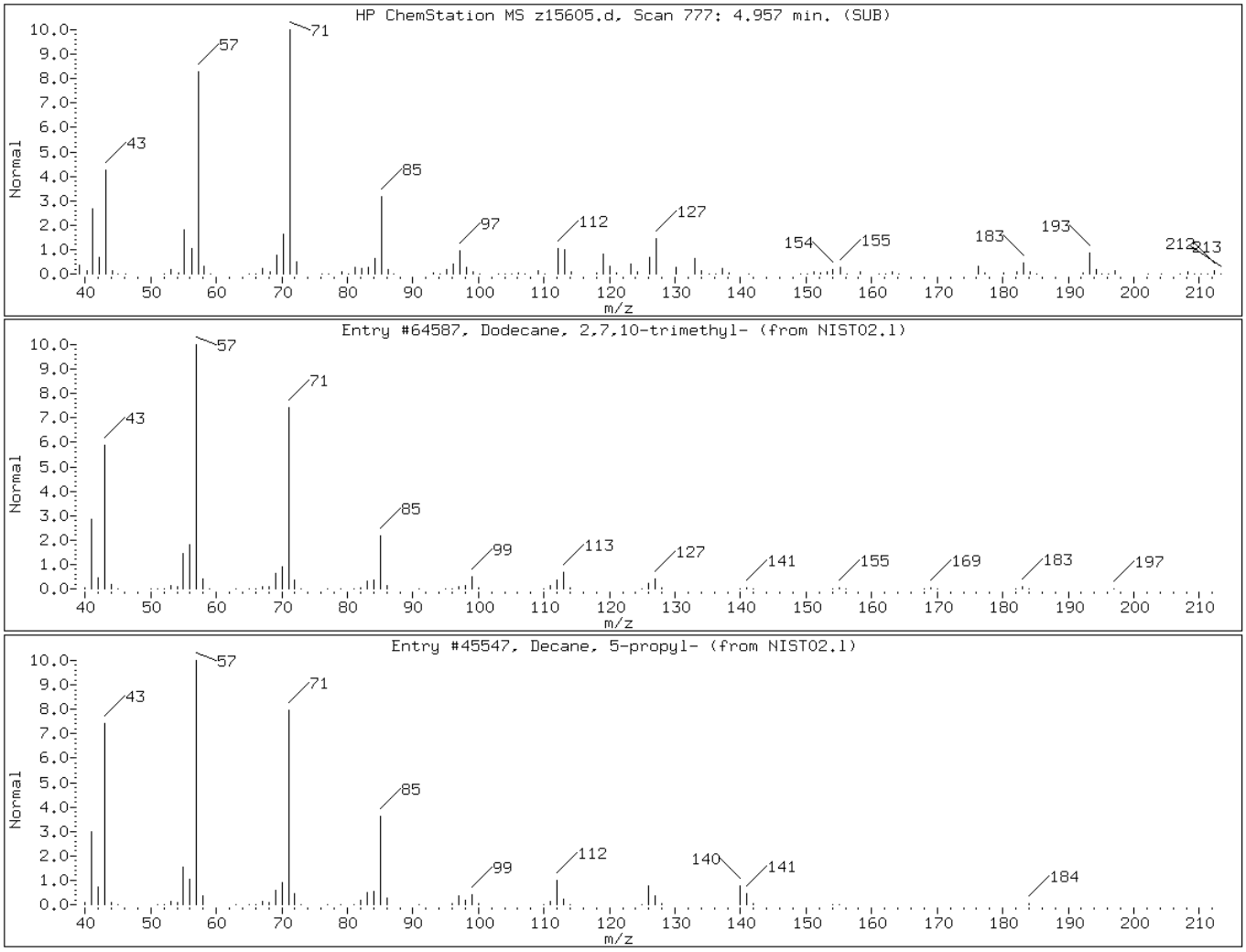
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 4.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	64	C15H32	212
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	58	C13H28	184



Data File: z15605.d

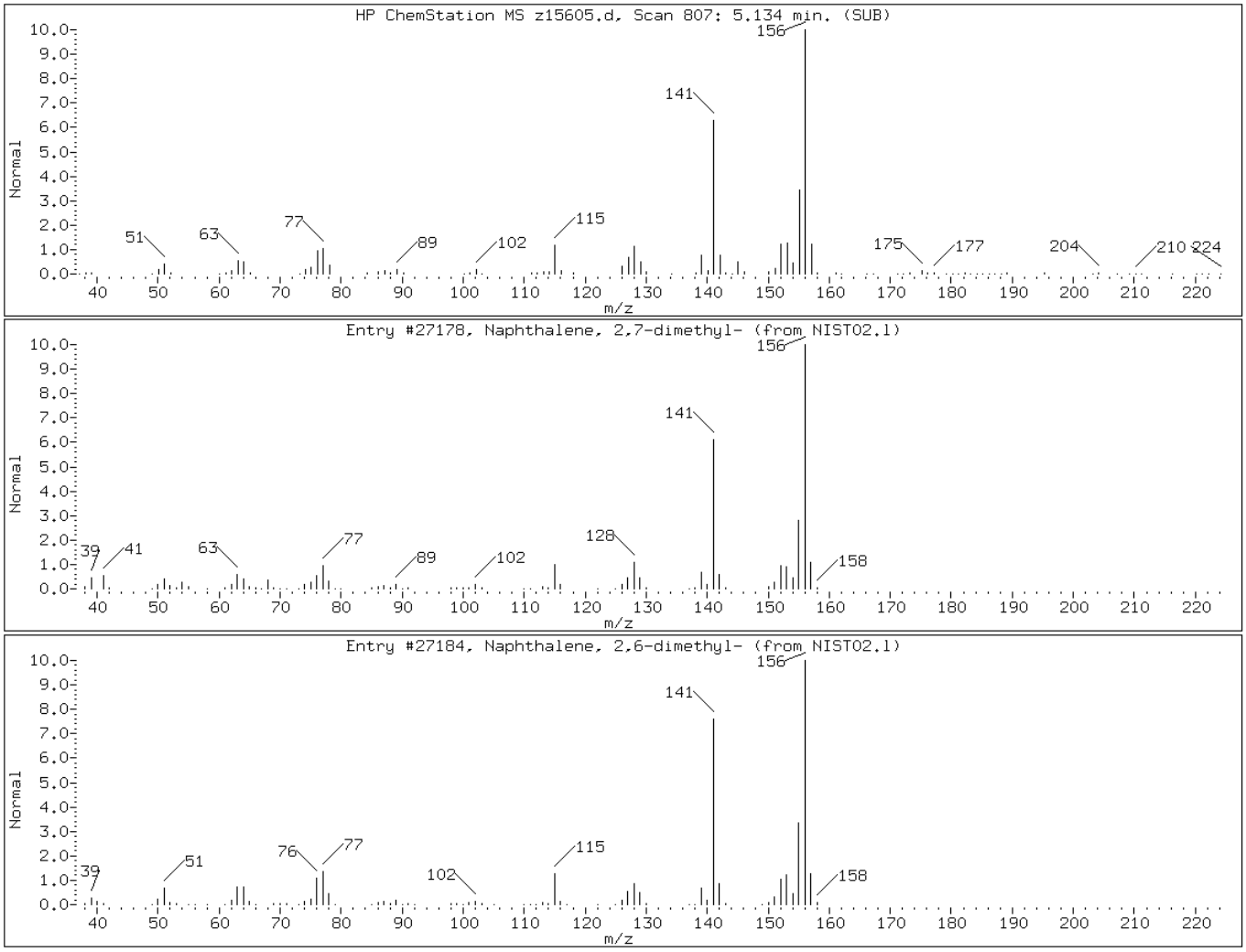
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 5.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	98	C12H12	156
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27184	97	C12H12	156



Data File: z15605.d

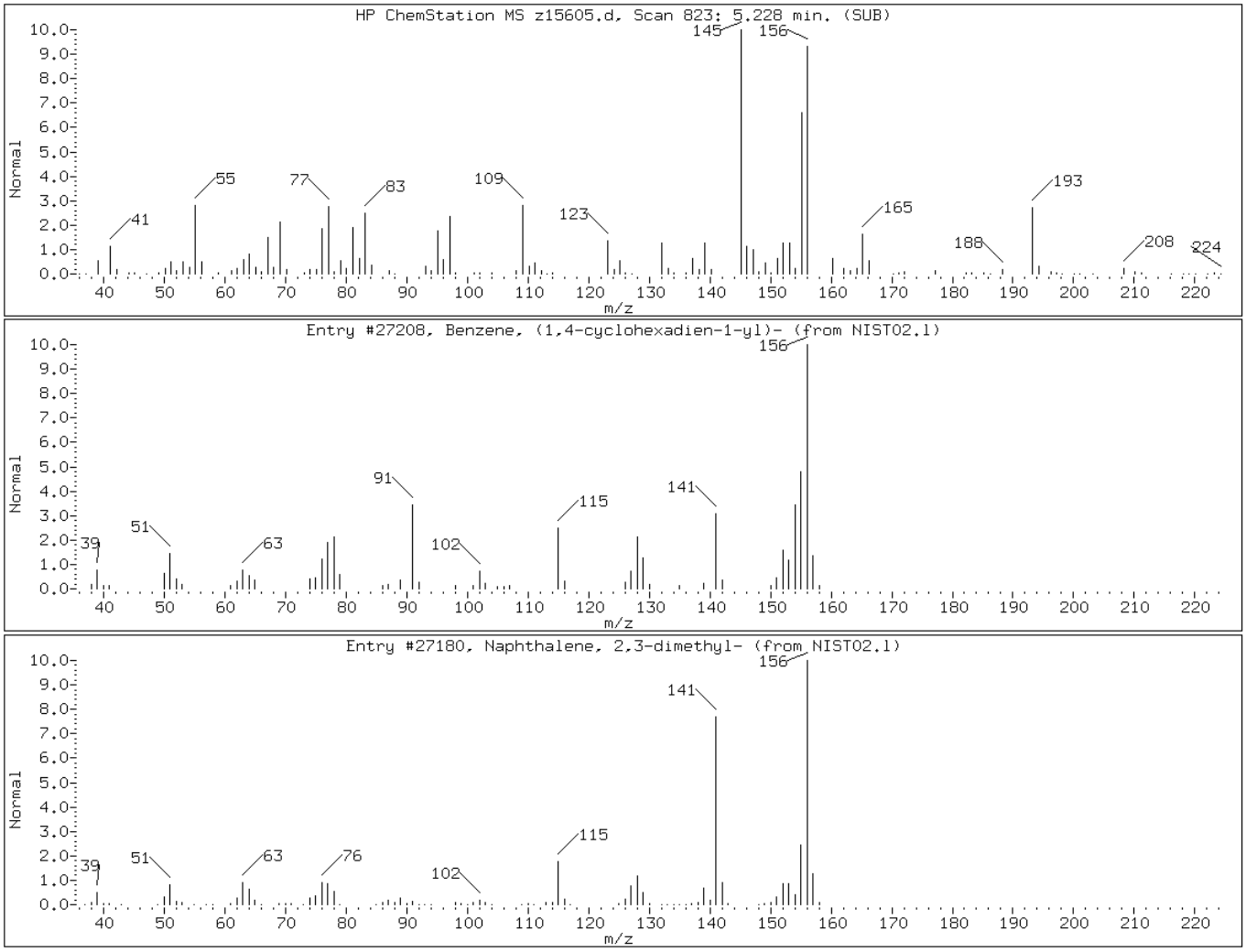
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 5.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Benzene, (1,4-cyclohexadien-1-yl)-	13703-52-1	NIST02.l	27208	27	C12H12	156
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.l	27180	22	C12H12	156



Data File: z15605.d

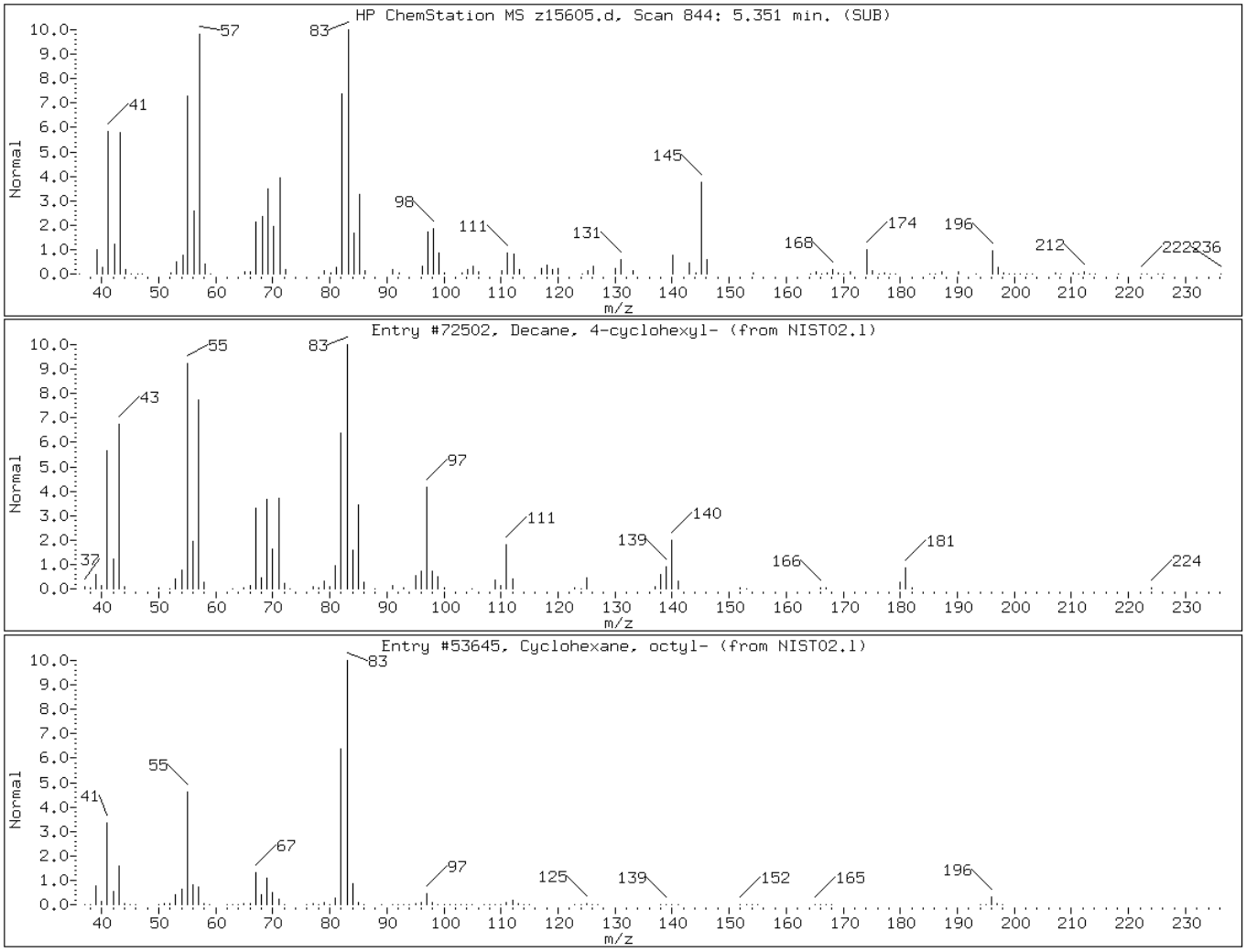
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 5.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Decane, 4-cyclohexyl-	13151-75-2	NIST02.l	72502	74	C16H32	224
Cyclohexane, octyl-	1795-15-9	NIST02.l	53645	47	C14H28	196



Data File: z15605.d

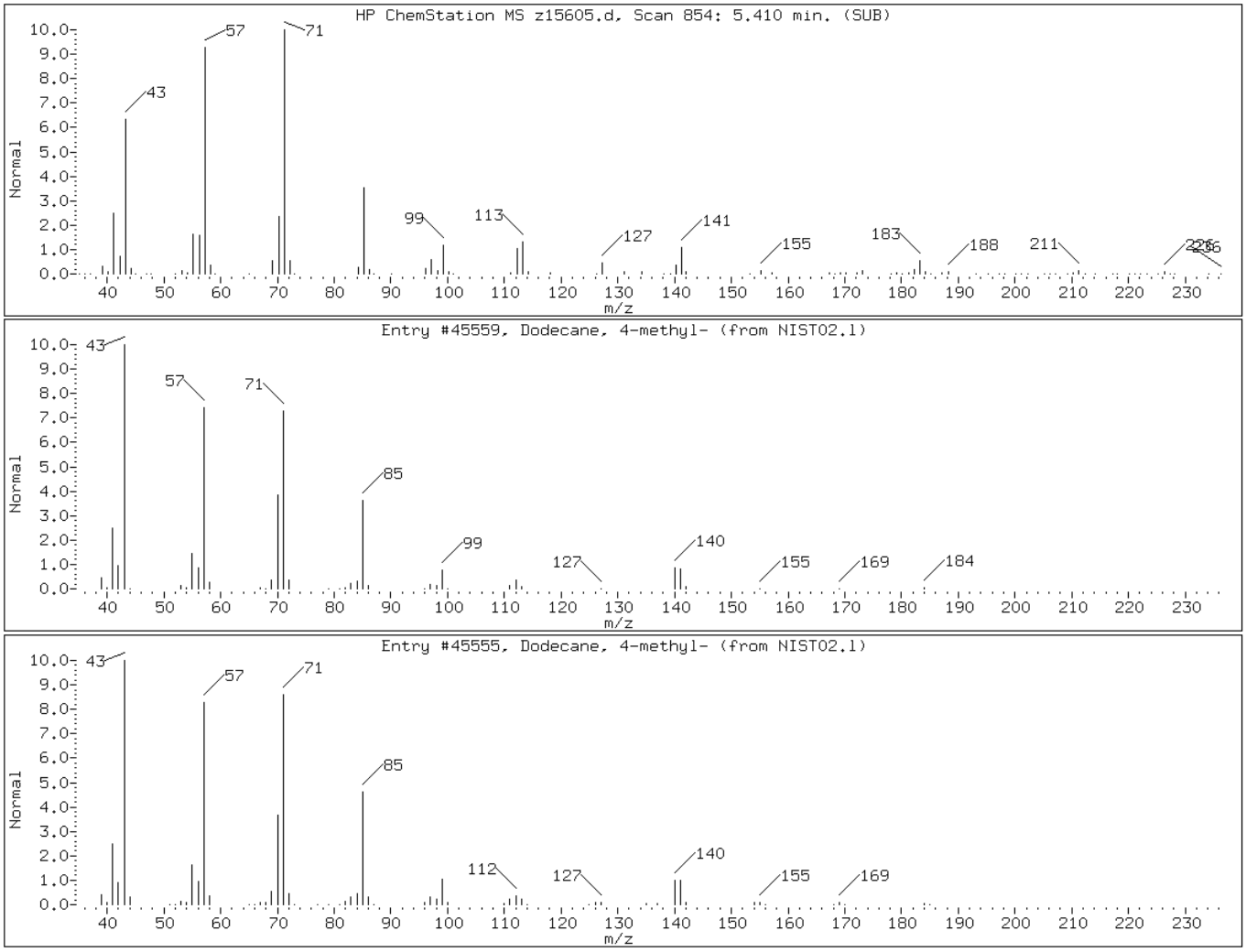
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 5.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	64	C13H28	184
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	60	C13H28	184



Data File: z15605.d

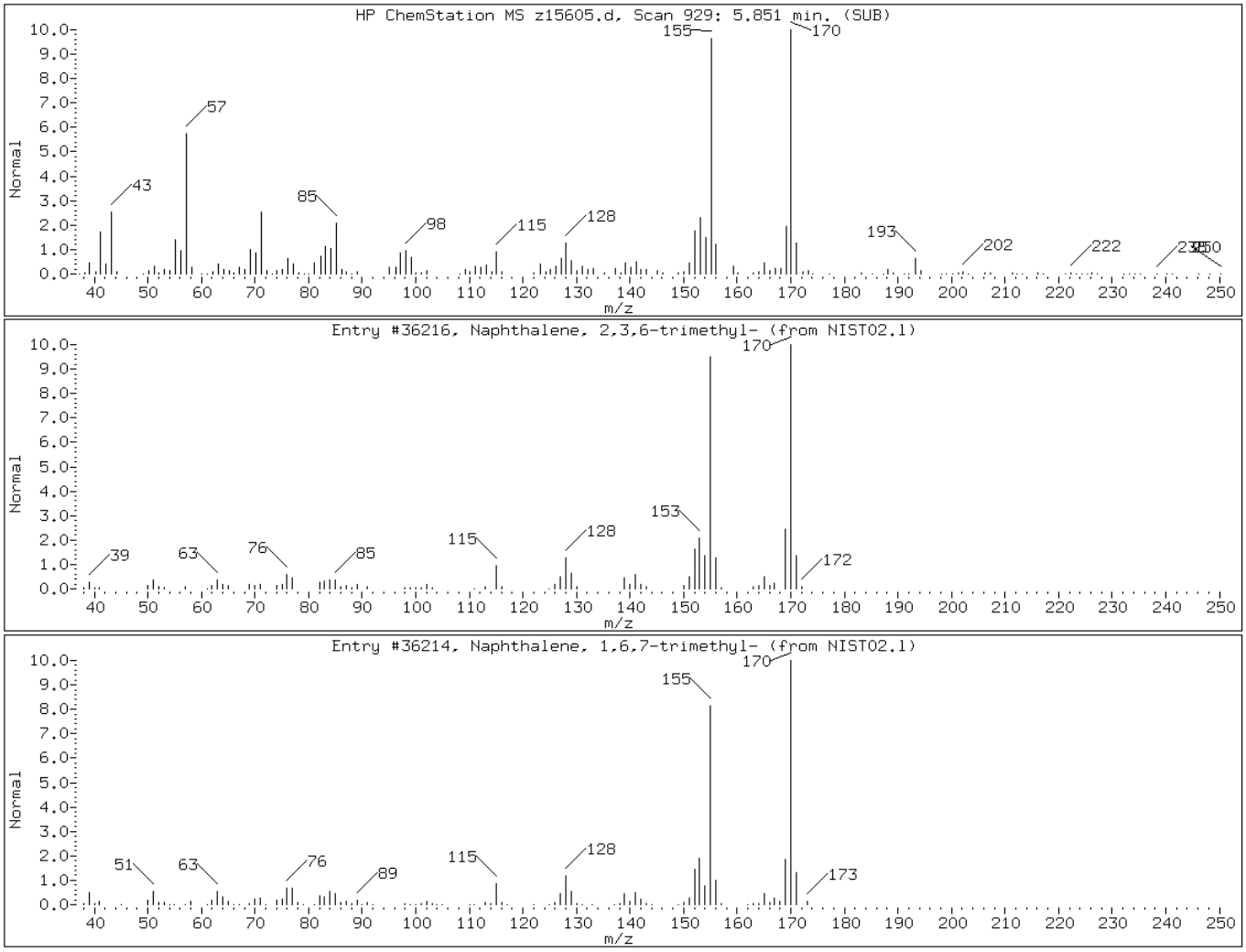
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 5.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	98	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	97	C13H14	170



Data File: z15605.d

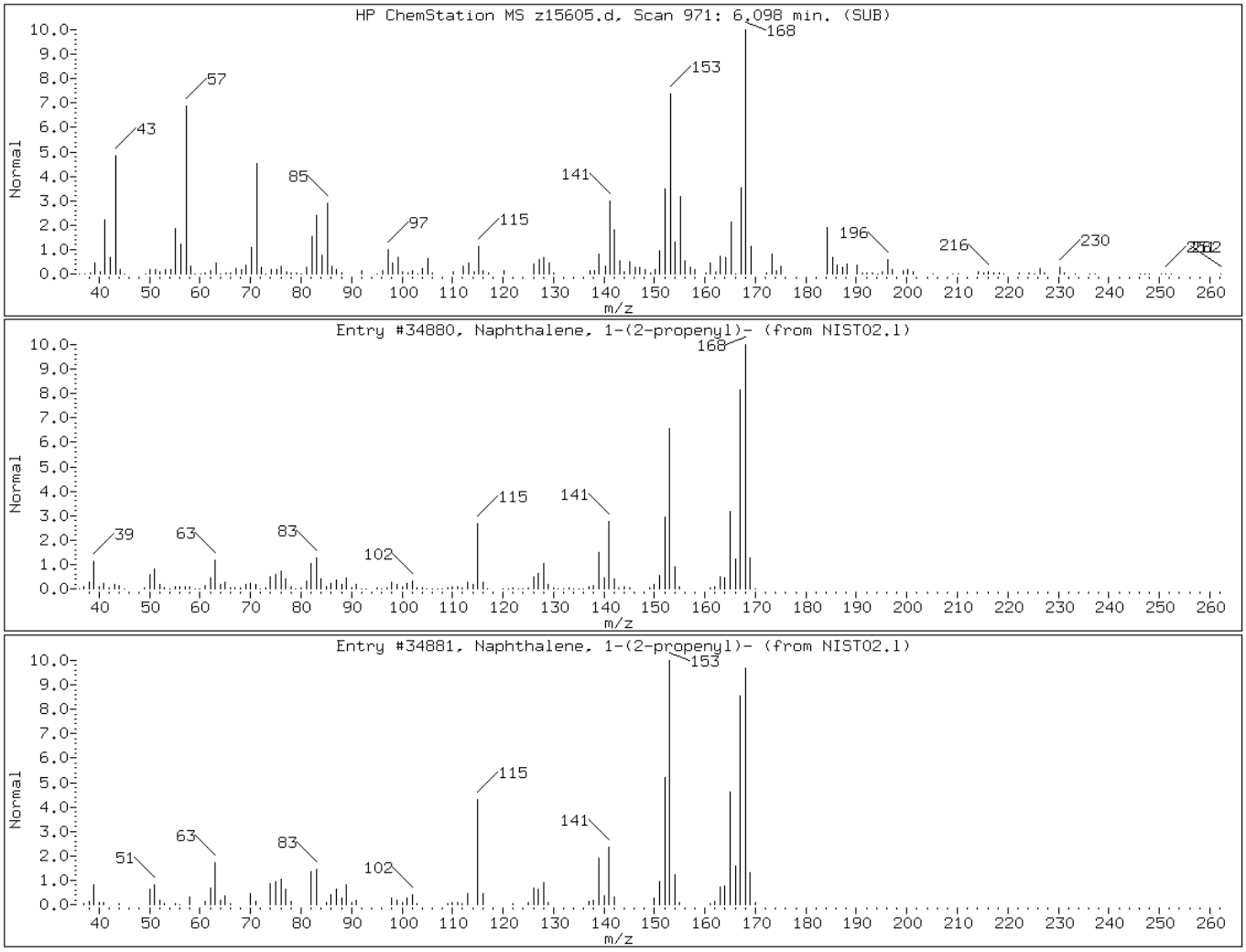
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 6.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
Naphthalene, 1-(2-propenyl)-	2489-86-3	NIST02.l	34880	55	C13H12	168
Naphthalene, 1-(2-propenyl)-	2489-86-3	NIST02.l	34881	43	C13H12	168



Data File: z15605.d

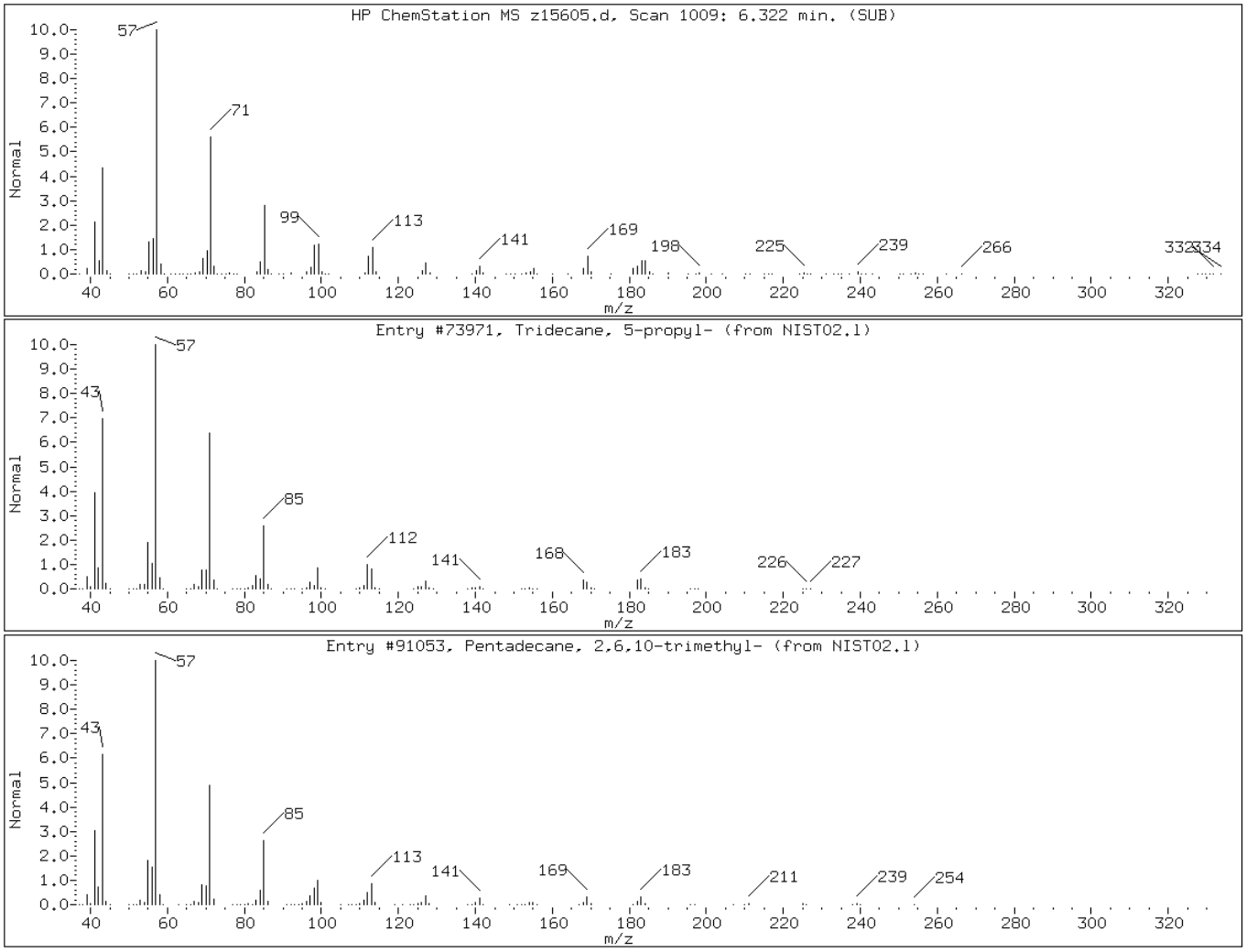
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	91	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254



Data File: z15605.d

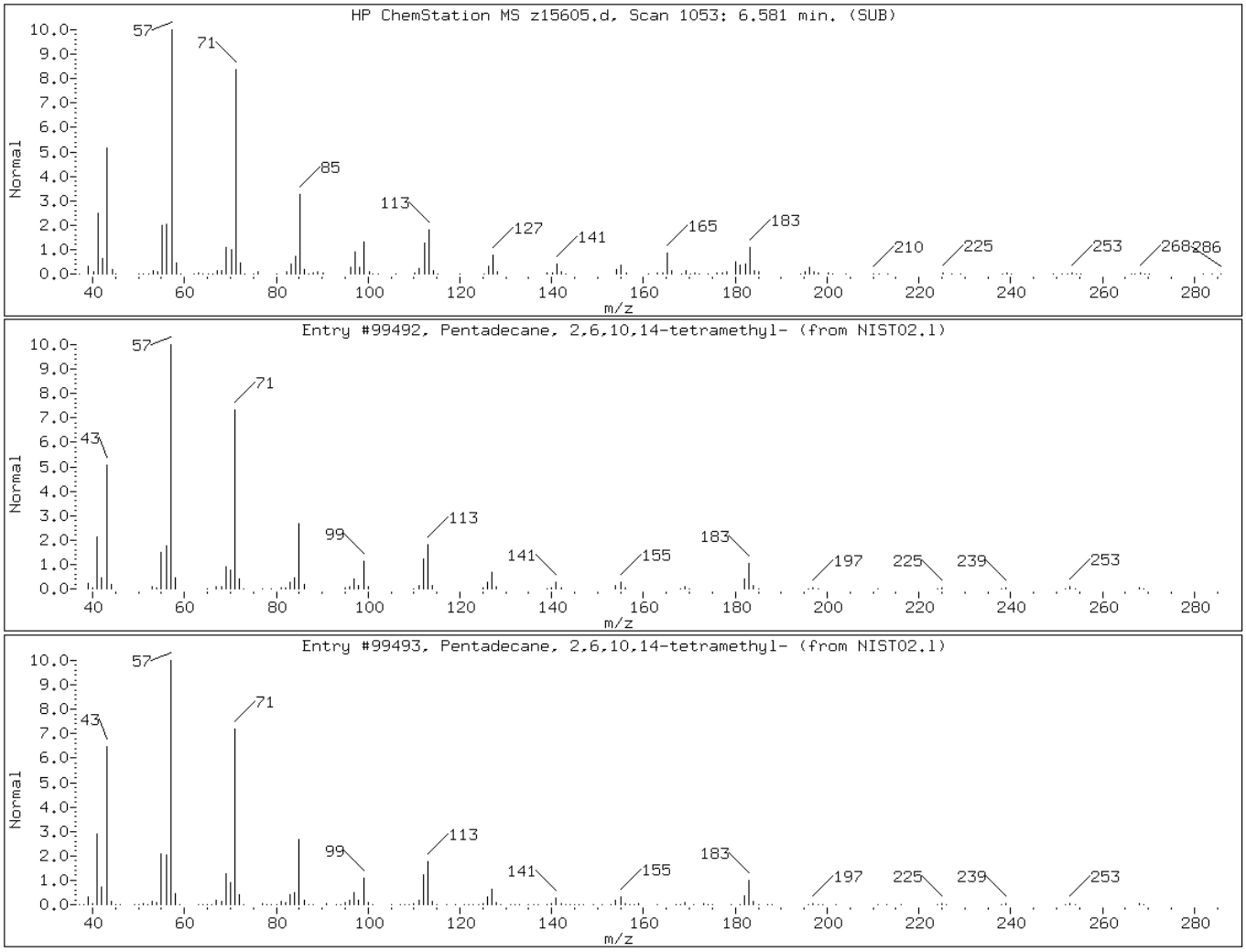
Date: 31-MAR-2011 12:33

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAMS11.i

Sample Info: 460-24279-F-8-B Operator: BNAMS 4

Retention Time: 6.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	99	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	98	C19H40	268



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) | Lab Sample ID: 460-24279-9

Matrix: Solid | Lab File ID: z15592.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 07:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	46
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	54
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	56
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	43
88-75-5	2-Nitrophenol	380	U	380	62
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	1200		380	55
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	4000	*	380	55
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	390		380	62
91-58-7	2-Chloronaphthalene	380	U	380	53
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.6
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	310	J	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) | Lab Sample ID: 460-24279-9

Matrix: Solid | Lab File ID: z15592.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 07:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	97
51-28-5	2,4-Dinitrophenol	1100	U	1100	80
132-64-9	Dibenzofuran	130	J	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	500		380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	770	U *	770	78
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	67
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	60
85-01-8	Phenanthrene	780		380	66
87-86-5	Pentachlorophenol	1100	U	1100	190
129-00-0	Pyrene	120	J	380	65
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.6
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	50
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	84
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) | Lab Sample ID: 460-24279-9

Matrix: Solid | Lab File ID: z15592.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 07:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	78		41-118
1718-51-0	Terphenyl-d14	74		16-151
118-79-6	2,4,6-Tribromophenol	78		10-120
367-12-4	2-Fluorophenol	78		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) | Lab Sample ID: 460-24279-9

Matrix: Solid | Lab File ID: z15592.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 07:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 87500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C11H24 Alkane	3.12	3800	J
	C12H26 Alkane	3.87	4700	J
	Unknown Alkane	3.96	3300	J
	Unknown Alkane-2	4.35	2600	J
	Unknown-2	4.45	2600	J
	C13H28 Alkane	4.52	4800	J
	Tetrahydrodimethylnaphthalene isomer	4.63	3000	J
	Unknown-3	4.95	5400	J
	C14H30 Alkane	5.10	7300	J
	Dimethylnaphthalene isomer	5.13	3900	J
575-41-7	1,3-Dimethylnaphthalene	5.20	5900	
	Unknown-4	5.23	3400	J
	Unknown Alkane-3	5.41	4200	J
	C15H32 Alkane	5.62	6800	J
	Trimethylnaphthalene isomer	5.78	2600	J
	Trimethylnaphthalene isomer-2	5.85	3900	J
	C16H34 Alkane	6.10	7200	J
	Unknown Alkane-4	6.32	3700	J
	Unknown Alkane-5	6.57	5300	J
593-45-3	n-Octadecane	6.99	3100	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15592.d
Report Date: 31-Mar-2011 13:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15592.d
Lab Smp Id: 460-24279-F-9-B Client Smp ID: PMP-7-SI-E (10.5-11
Inj Date : 31-MAR-2011 07:52
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-9-B
Misc Info : 460-24279-F-9-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	12.63158	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	16 2-Fluorophenol (SUR)	112	1.352	1.322	(0.568)	775333	78.1507	6000
$	17 Phenol-d5 (SUR)	99	2.140	2.151	(0.899)	897196	77.5150	5900
	2 2-Chlorophenol	128	2.199	2.204	(0.923)	1077	0.10067	7.7(a)
	113 n-decane	43	2.299	2.304	(0.965)	223239	18.9388	1400
*	79 1,4-Dichlorobenzene-d4	152	2.381	2.387	(1.000)	318987	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	2.957	2.975	(0.793)	466975	40.6742	3100
	30 1,2,4-Trichlorobenzene	180	3.687	3.687	(0.989)	111624	11.3927	870
*	80 Naphthalene-d8	136	3.728	3.728	(1.000)	1095887	40.0000	
	31 Naphthalene	128	3.746	3.745	(1.005)	478696	15.9373	1200
	34 2-Methylnaphthalene	142	4.487	4.475	(1.204)	895464	51.9939	4000
	120 1-Methylnaphthalene	142	4.581	4.569	(1.229)	560584	33.3315	2500
$	77 2-Fluorobiphenyl (SUR)	172	4.893	4.887	(0.889)	691242	37.2478	2800
	102 Diphenyl	154	4.975	4.969	(0.904)	98173	5.17195	390

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15592.d
Report Date: 31-Mar-2011 13:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	125 1,3-Dimethylnaphthalene	156	5.204	5.192	(0.945)	921563	77.3622	5900
*	82 Acenaphthene-d10	164	5.504	5.498	(1.000)	473301	40.0000	
	42 Acenaphthene	154	5.534	5.528	(1.005)	51420	4.02146	310(a)
	43 Dibenzofuran	168	5.710	5.698	(1.037)	31317	1.69536	130(a)
	47 Fluorene	166	6.040	6.028	(1.097)	90015	6.49938	500
$	18 2,4,6-Tribromophenol (SUR)	330	6.281	6.269	(1.141)	153113	77.5763	5900
*	83 Phenanthrene-d10	188	6.922	6.910	(1.000)	707103	40.0000	
	52 Phenanthrene	178	6.939	6.933	(1.003)	203983	10.1770	780
	115 n-Octadecane	57	6.992	6.986	(1.010)	435209	40.8218	3100
	57 Pyrene	202	8.269	8.263	(0.877)	32335	1.53145	120(a)
$	78 Terphenyl-d14	244	8.498	8.492	(0.901)	517452	36.8074	2800
*	81 Chrysene-d12	240	9.433	9.433	(1.000)	521154	40.0000	
*	84 Perylene-d12	264	10.751	10.745	(1.000)	416294	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15592.d
Report Date: 31-Mar-2011 13:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15592.d
Lab Smp Id: 460-24279-F-9-B Client Smp ID: PMP-7-SI-E (10.5-11
Inj Date : 31-MAR-2011 07:52
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24279-F-9-B
Misc Info : 460-24279-F-9-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	12.63158	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	3.728	4356774	40.000
* 82 Acenaphthene-d10	5.504	2793033	40.000
* 83 Phenanthrene-d10	6.922	3628375	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C11H24 Alkane				CAS #:			
3.116	5394238	49.5250666	3800	0	0	0	80

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15592.d
Report Date: 31-Mar-2011 13:47

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C12H26 Alkane					CAS #:		
3.875	6646765	61.0246492	4600	0		0	80
Unknown Alkane					CAS #:		
3.963	4645629	42.6520095	3200	0		0	80
Unknown					CAS #:		
4.293	3618641	33.2231194	2500	0		0	80
Unknown Alkane-2					CAS #:		
4.346	3719439	34.1485591	2600	0		0	80
Unknown-2					CAS #:		
4.451	3735998	34.3005925	2600	0		0	80
C13H28 Alkane					CAS #:		
4.522	6837641	62.7770978	4800	0		0	80
Tetrahydrodimethylnaphthalene isomer					CAS #:		
4.634	2783139	39.8582961	3000	0		0	82
Unknown-3					CAS #:		
4.951	4960718	71.0441559	5400	0		0	82
C14H30 Alkane					CAS #:		
5.098	6685653	95.7475498	7300	0		0	82
Dimethylnaphthalene isomer					CAS #:		
5.134	3609768	51.6967421	3900	0		0	82
Unknown-4					CAS #:		
5.228	3106099	44.4835140	3400	0		0	82
Unknown Alkane-3					CAS #:		
5.410	3845707	55.0757066	4200	0		0	82
C15H32 Alkane					CAS #:		
5.622	6190631	88.6581689	6800	0		0	82
Trimethylnaphthalene isomer					CAS #:		
5.781	2374288	34.0030061	2600	0		0	82
Trimethylnaphthalene isomer-2					CAS #:		
5.851	3528171	50.5281540	3800	0		0	82

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15592.d
Report Date: 31-Mar-2011 13:47

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
5.875	2305398	33.0164064	2500	0		0	82

Unknown Cycloalkane CAS #:

6.104	6568034	94.0630888	7200	0		0	82

C16H34 Alkane CAS #:

6.322	4448457	49.0407622	3700	0		0	83

Unknown Alkane-4 CAS #:

6.569	6359278	70.1060621	5300	0		0	83

Unknown Alkane-5 CAS #:

6.604	2380719	26.2455650	2000	0		0	83

Unknown-5 CAS #:

7.022	2621157	28.8962021	2200	0		0	83

Unknown Alkane-6 CAS #:

7.310	2437661	26.8733069	2000	0		0	83

Trichloro-1,1-biphenyl isomer CAS #:

8.045	2839801	31.3065901	2400	93	NIST02.l	92478	83

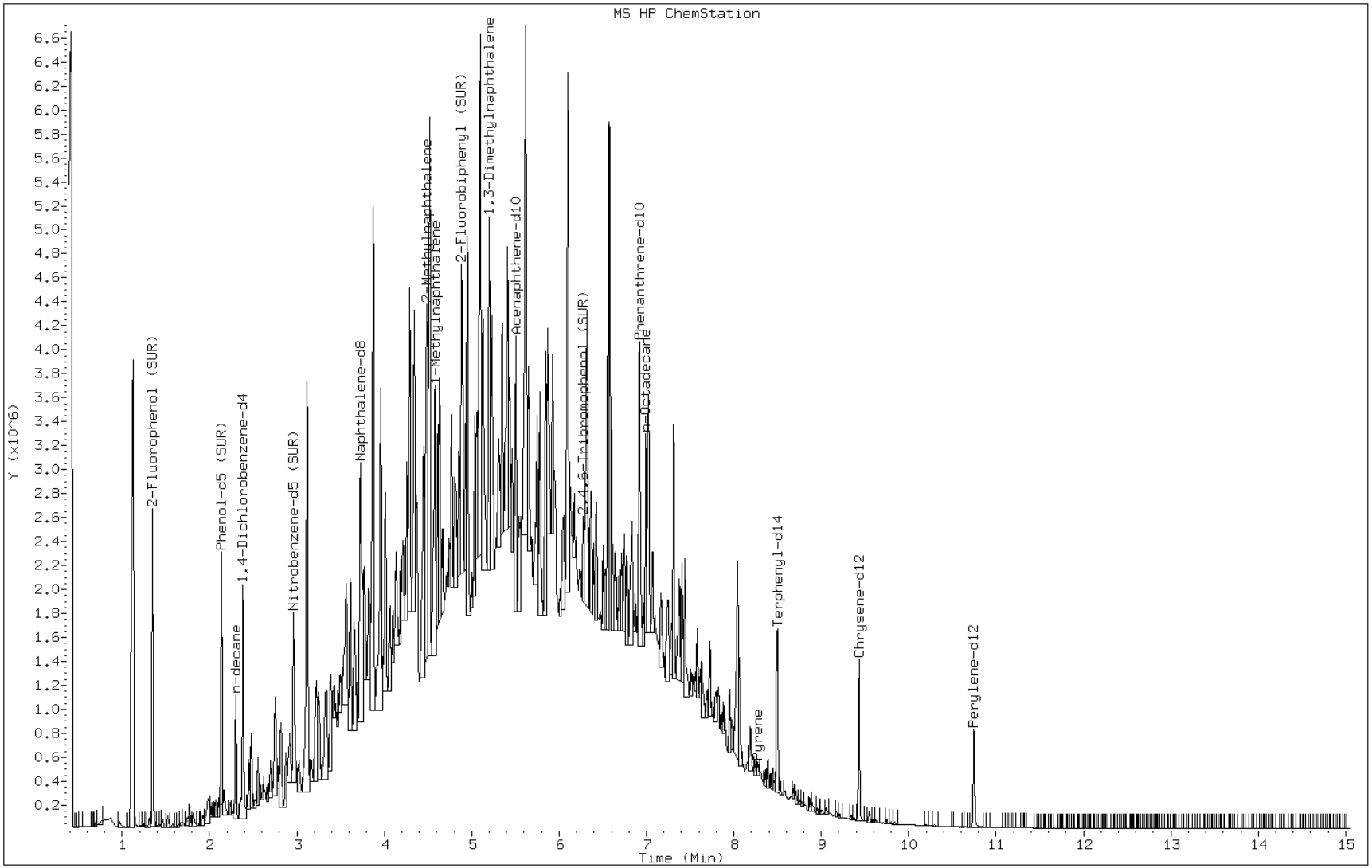
Cyclic octaatomic sulfur CAS #: 10544-50-0

Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4



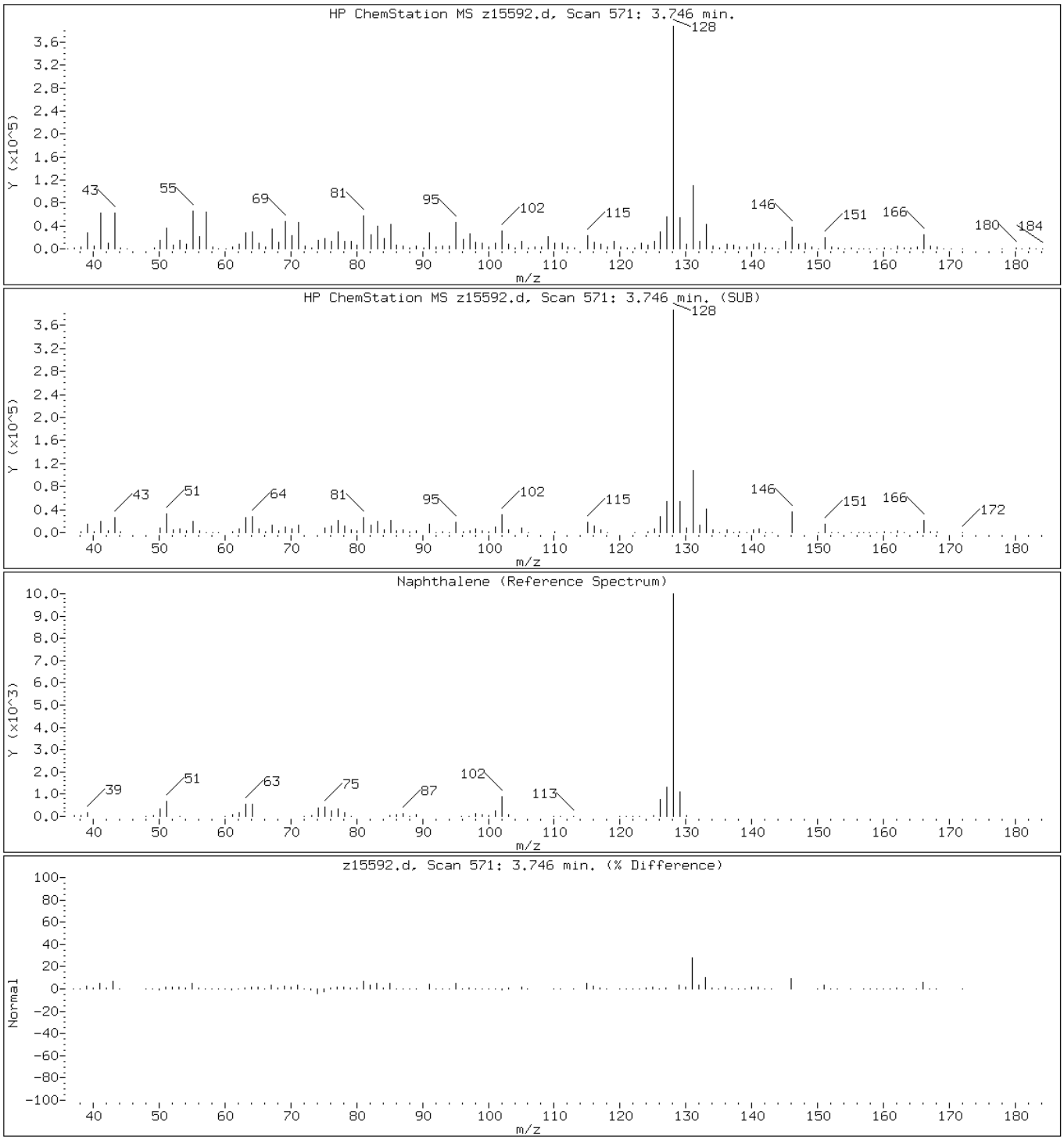
Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

31 Naphthalene



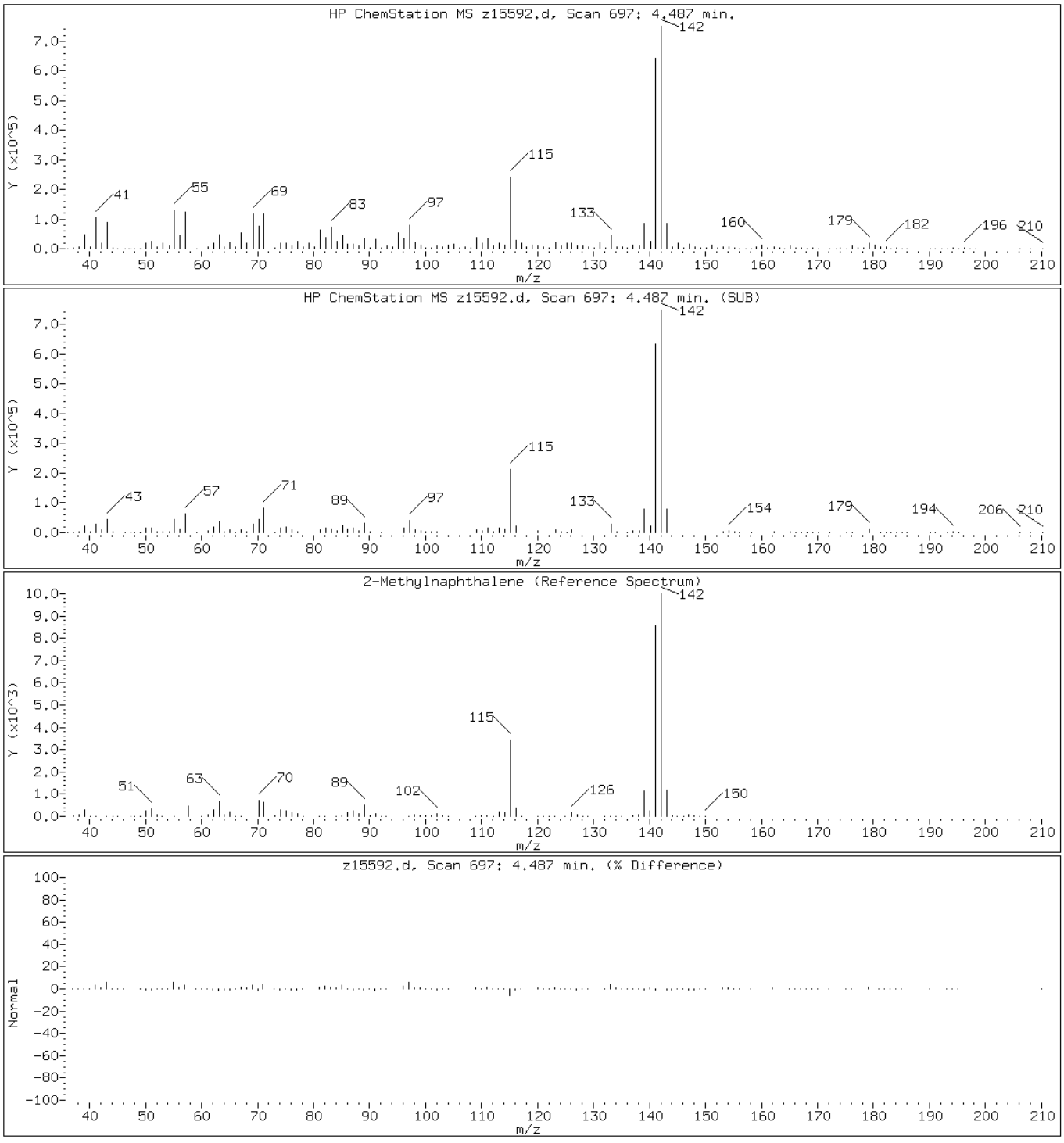
Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

34 2-Methylnaphthalene



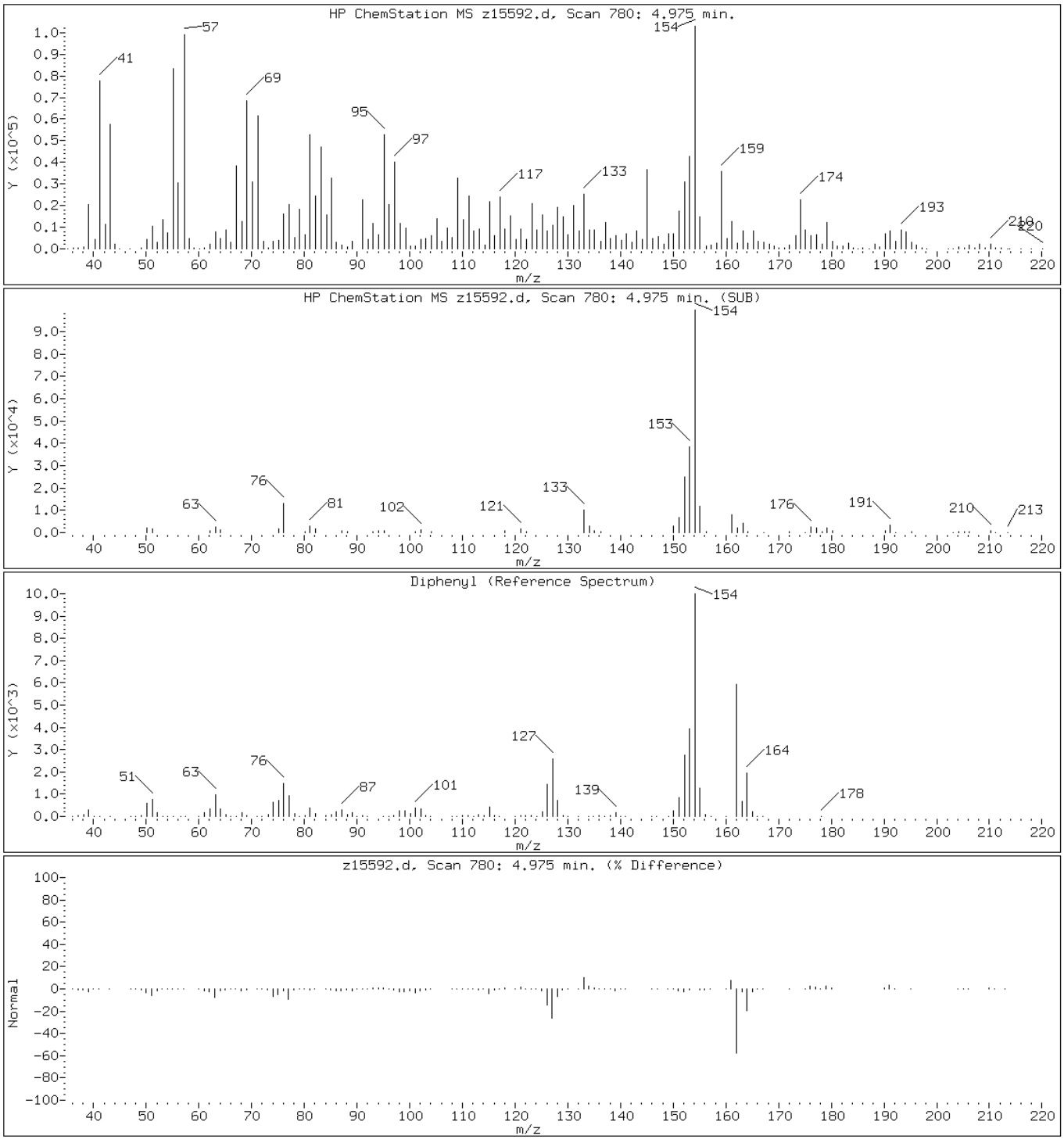
Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

102 Diphenyl



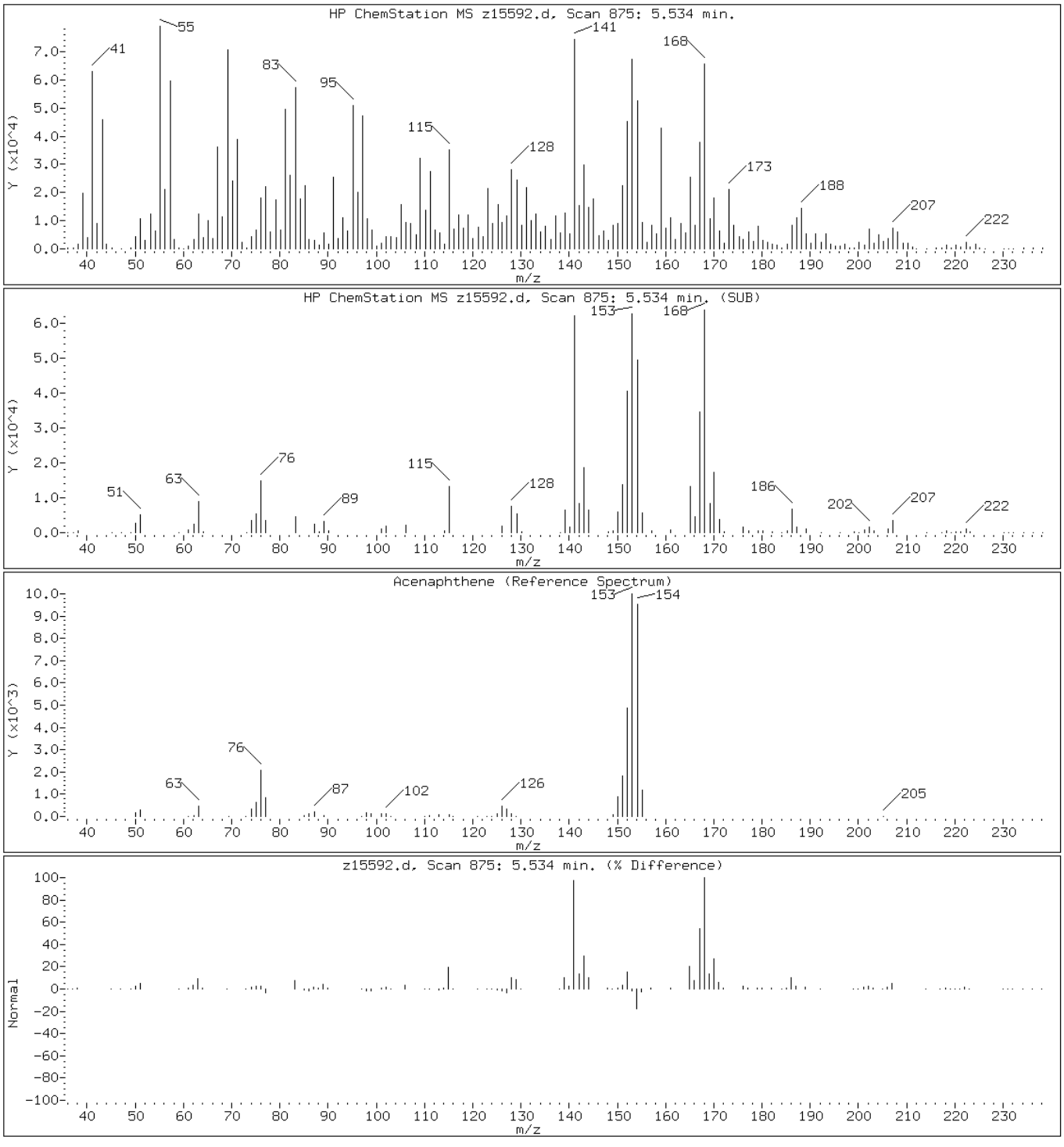
Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

42 Acenaphthene



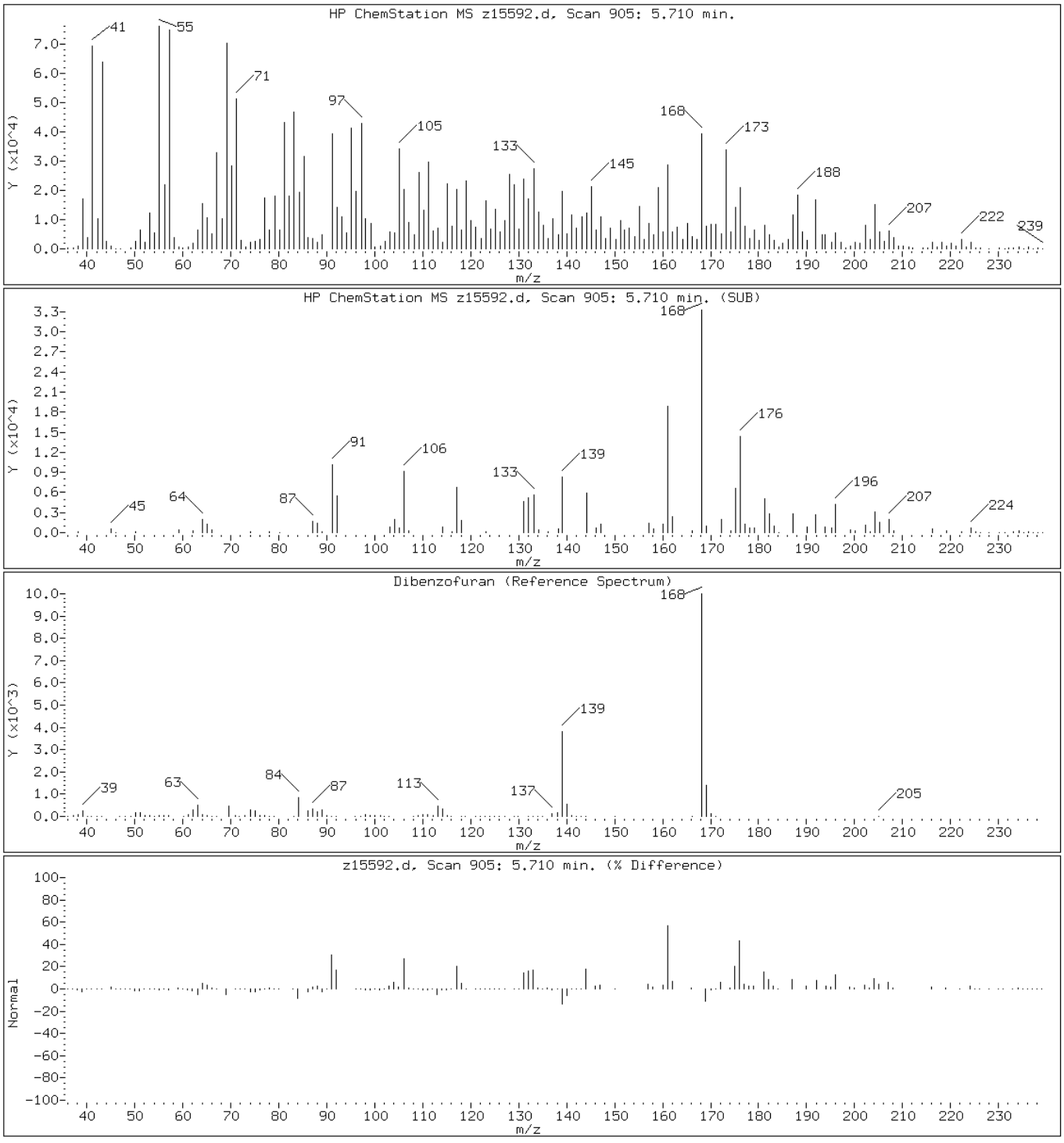
Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

43 Dibenzofuran



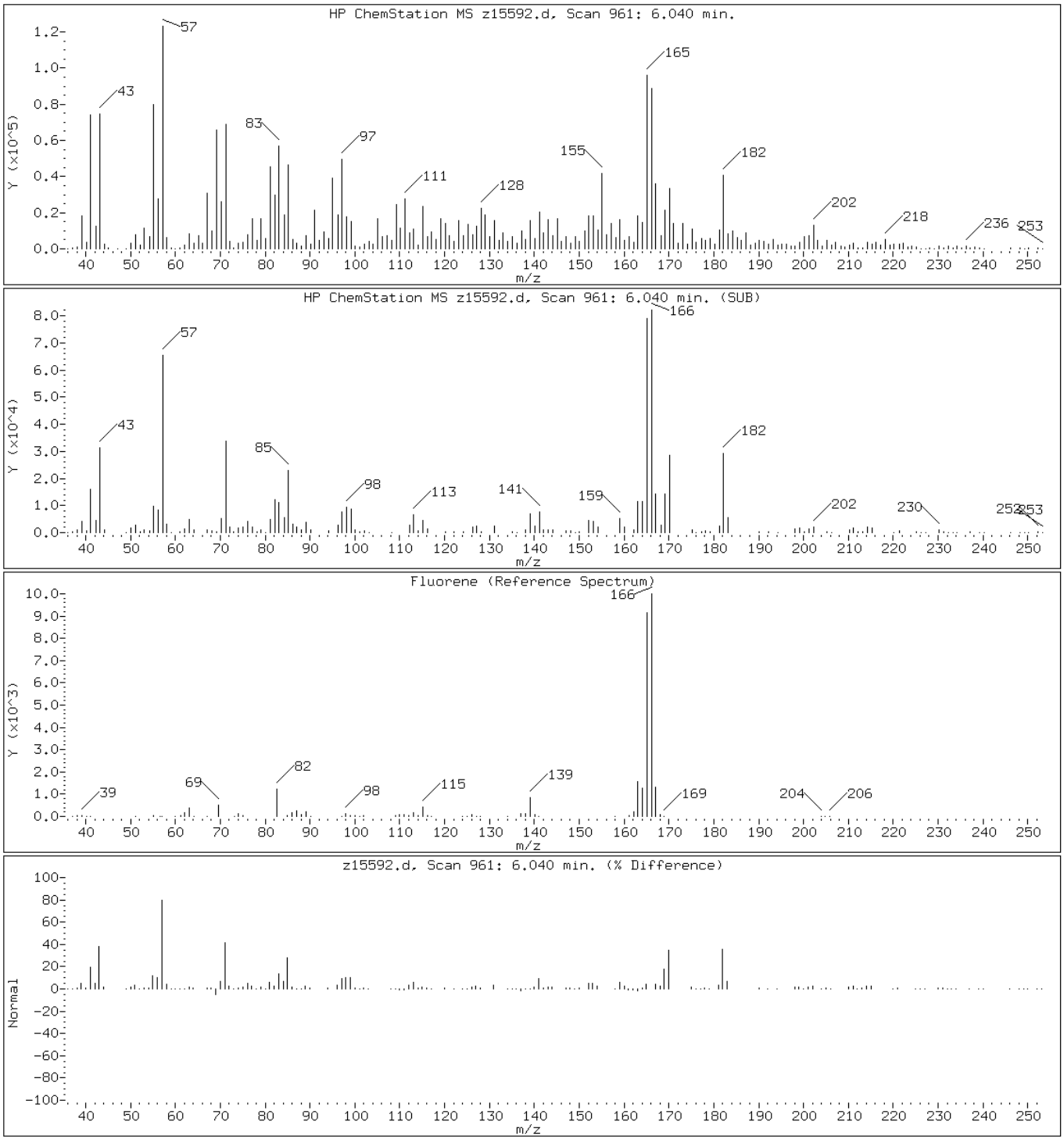
Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

47 Fluorene



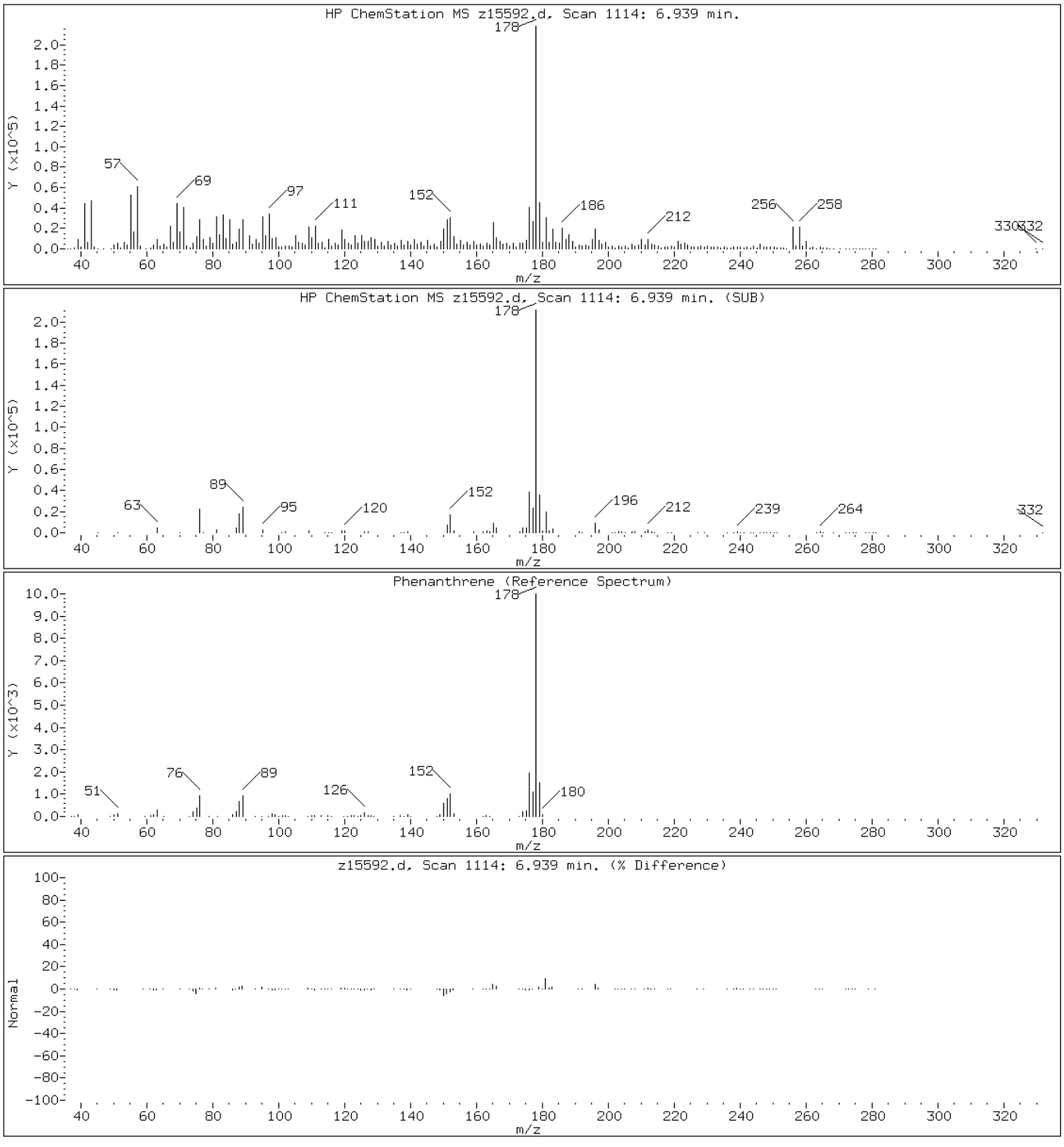
Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

52 Phenanthrene



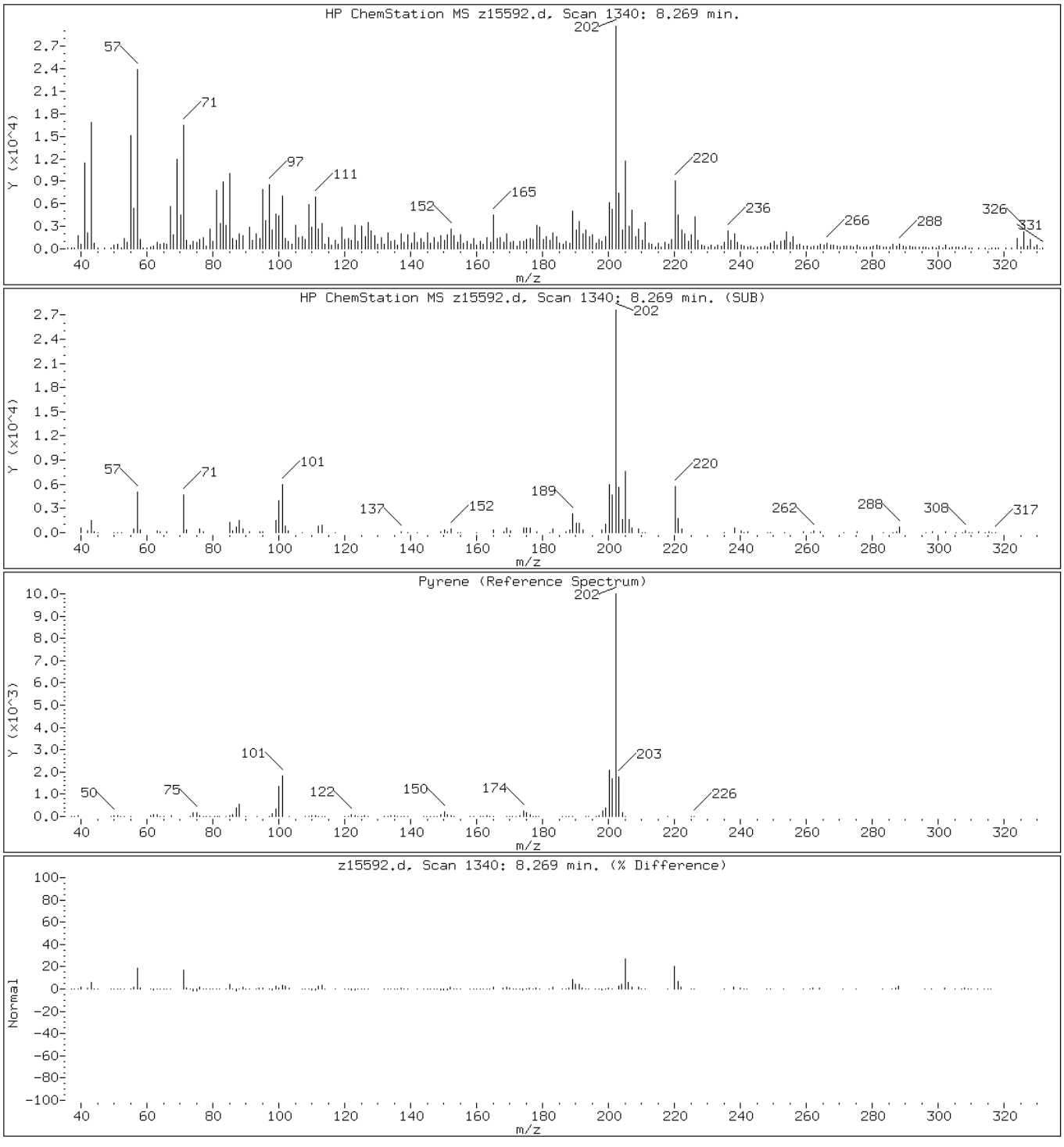
Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

57 Pyrene



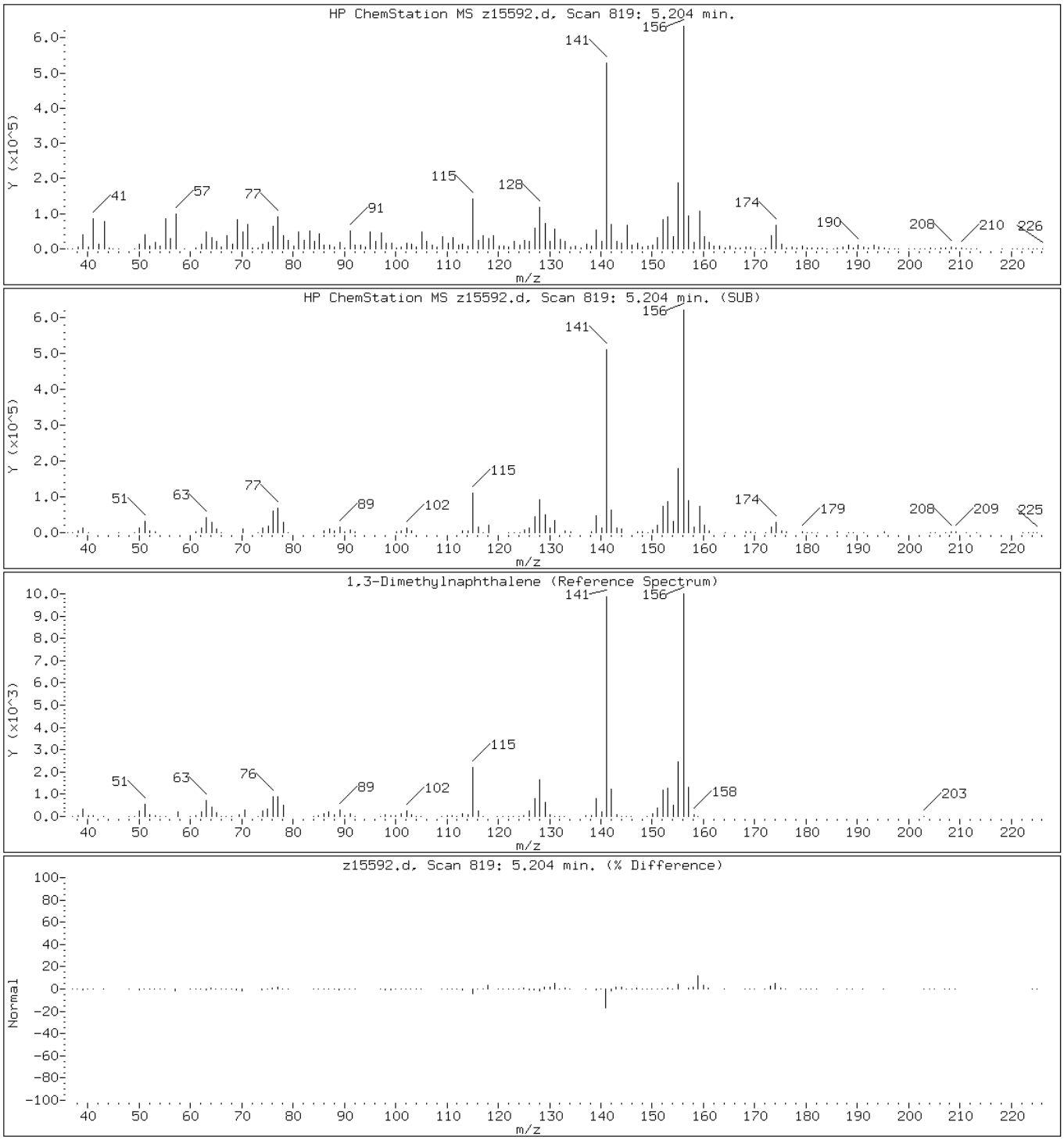
Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



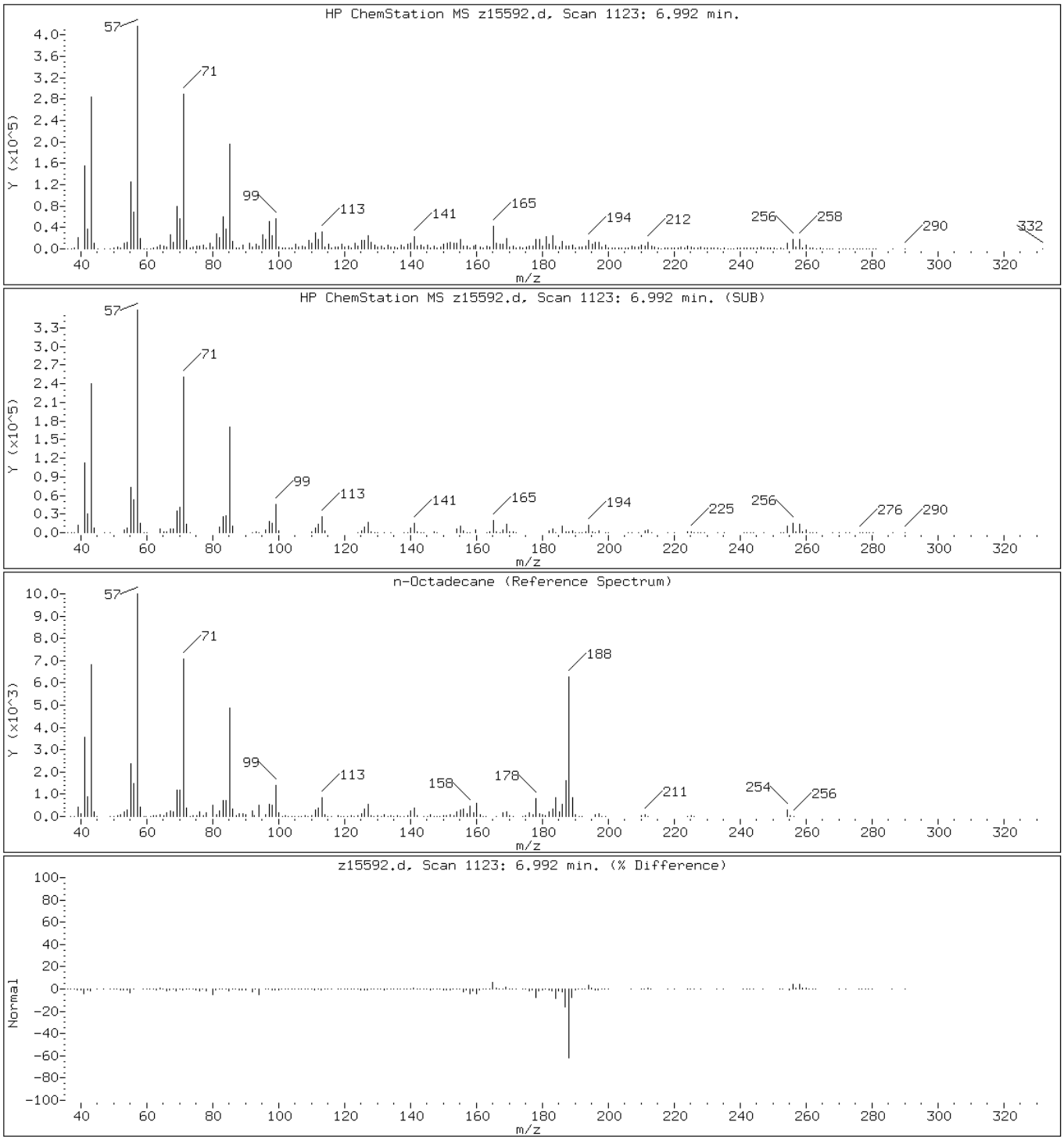
Data File: z15592.d

Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

115 n-Octadecane



Data File: z15592.d

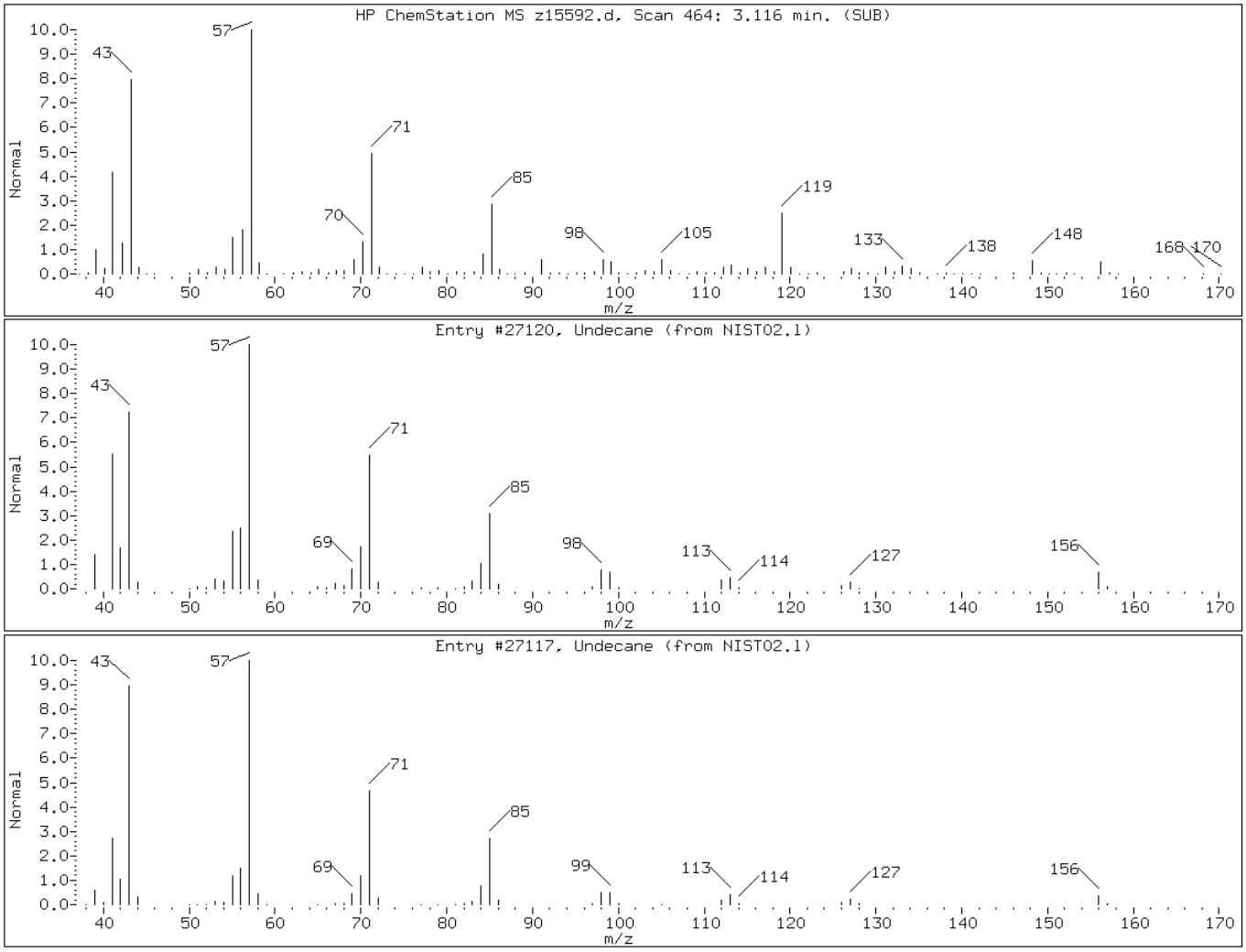
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 3.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Undecane	1120-21-4	NIST02.l	27120	96	C11H24	156
Undecane	1120-21-4	NIST02.l	27117	96	C11H24	156



Data File: z15592.d

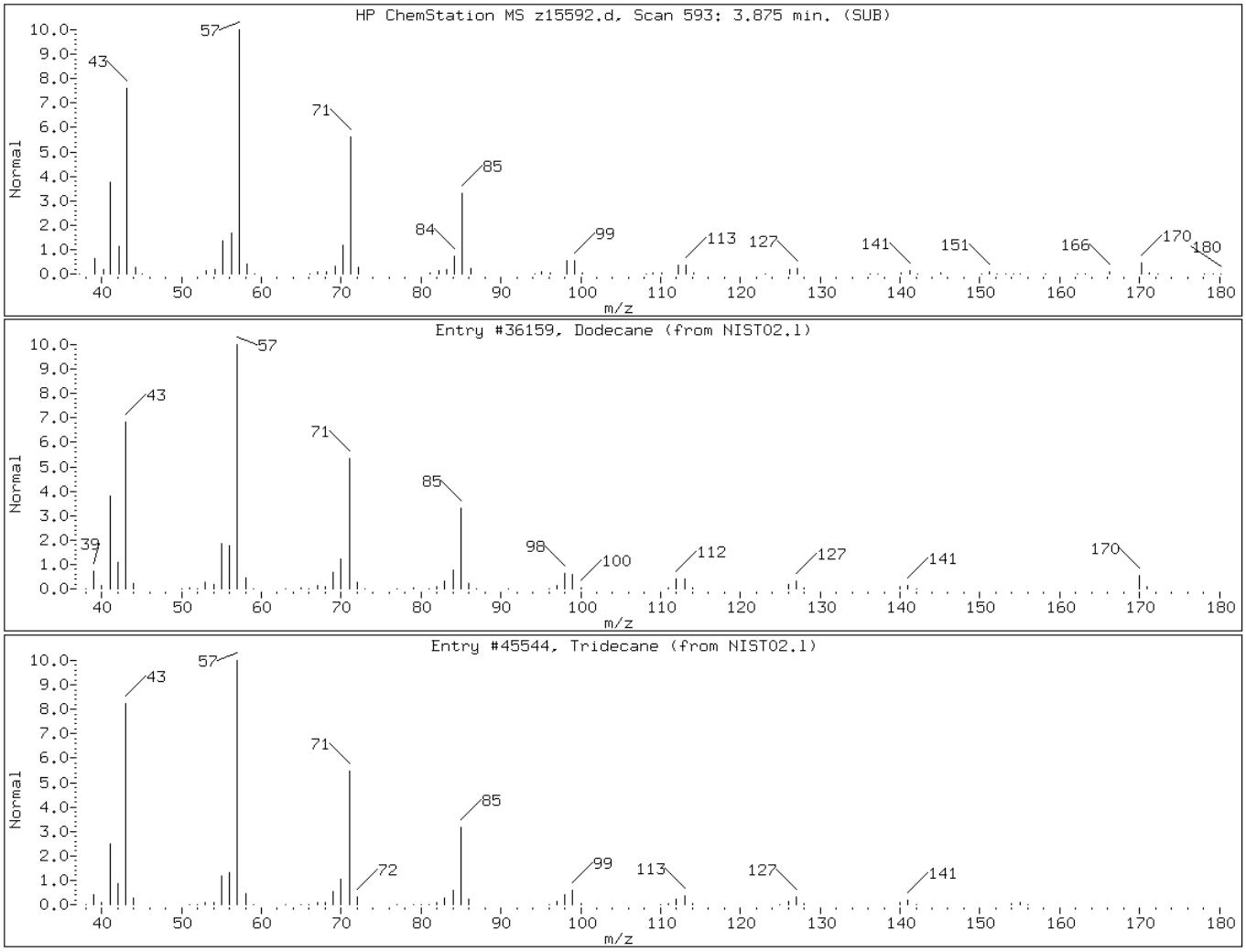
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 3.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170
Tridecane	629-50-5	NIST02.l	45544	90	C13H28	184



Data File: z15592.d

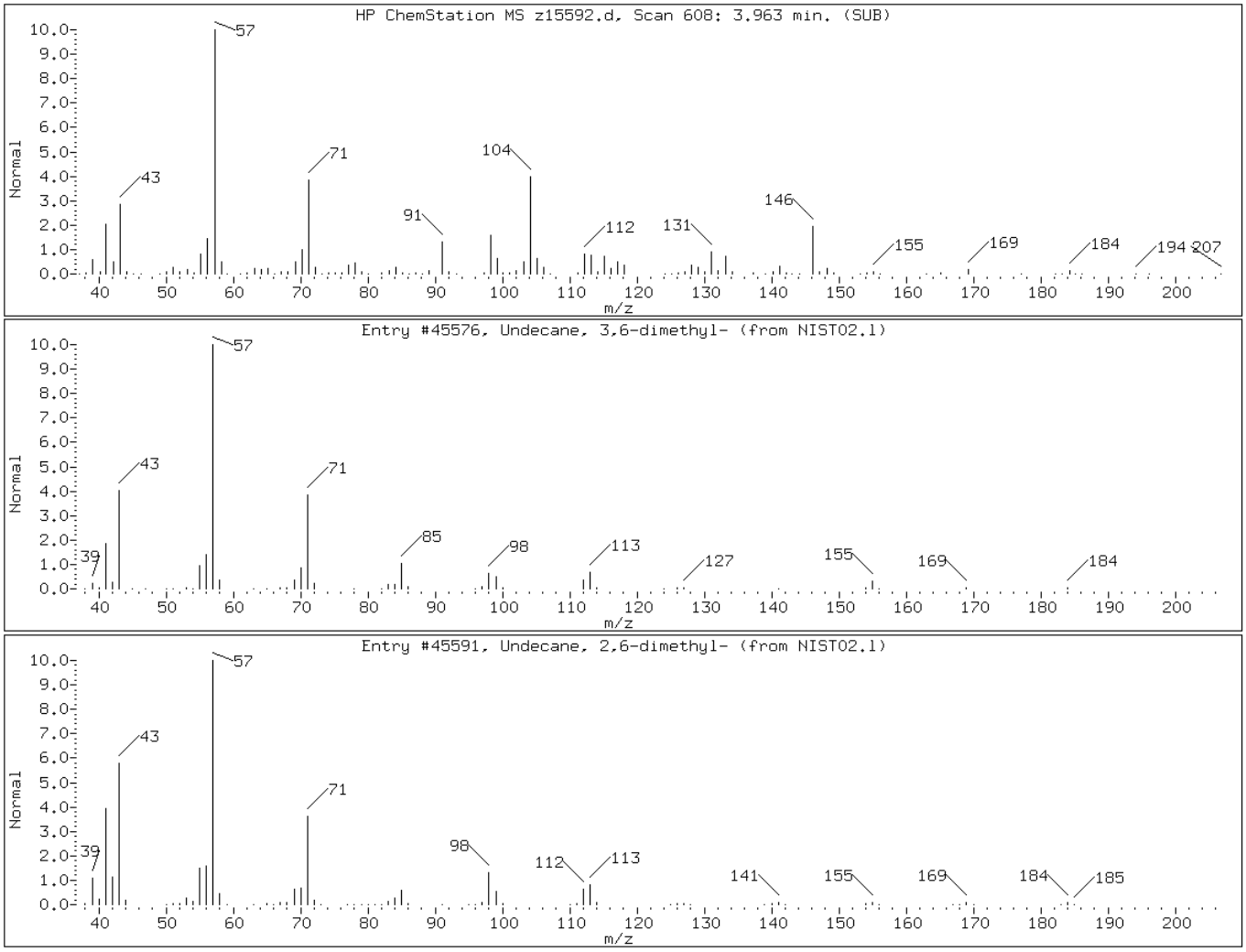
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 3.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	46	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	46	C13H28	184



Data File: z15592.d

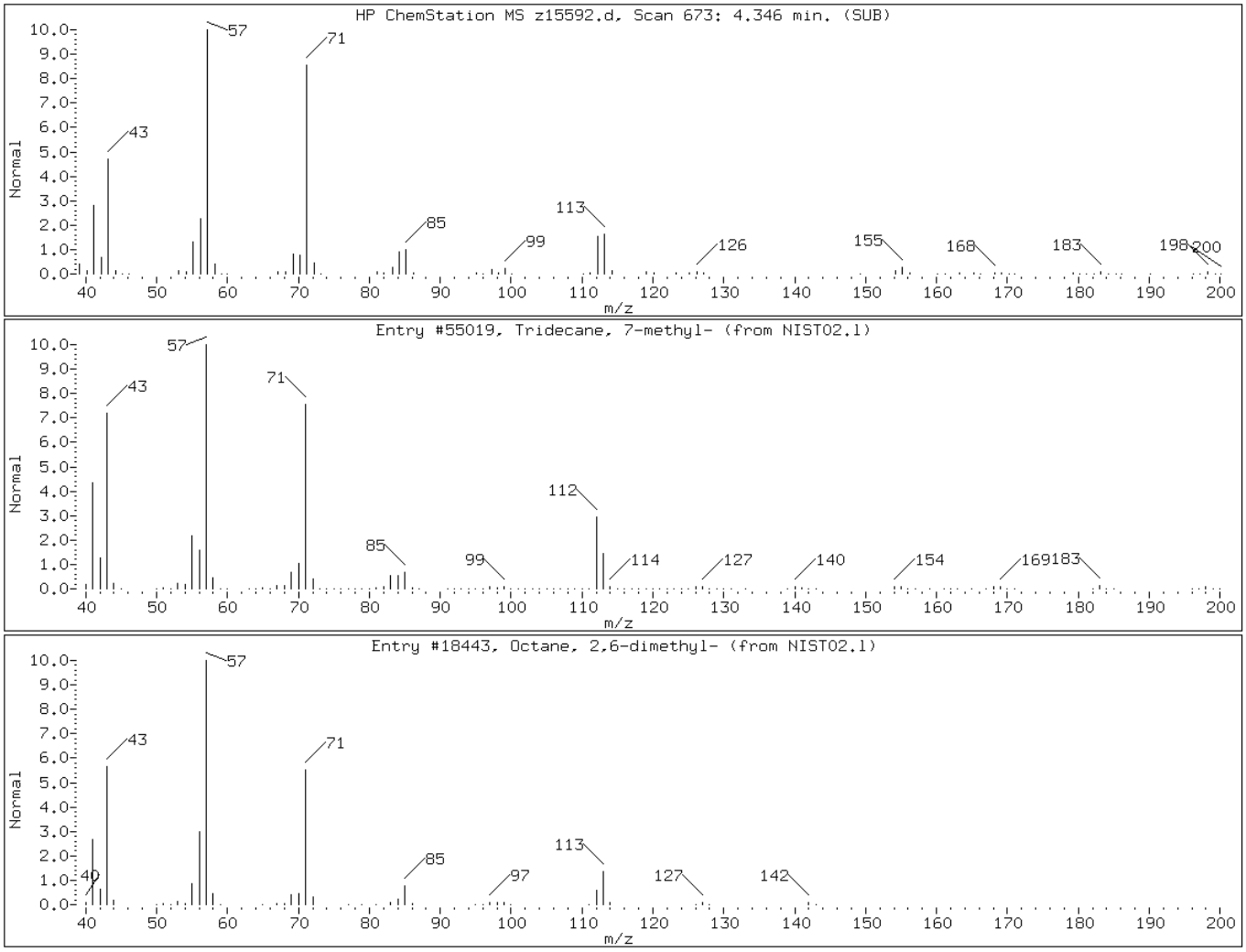
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 4.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	90	C14H30	198
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	86	C10H22	142



Data File: z15592.d

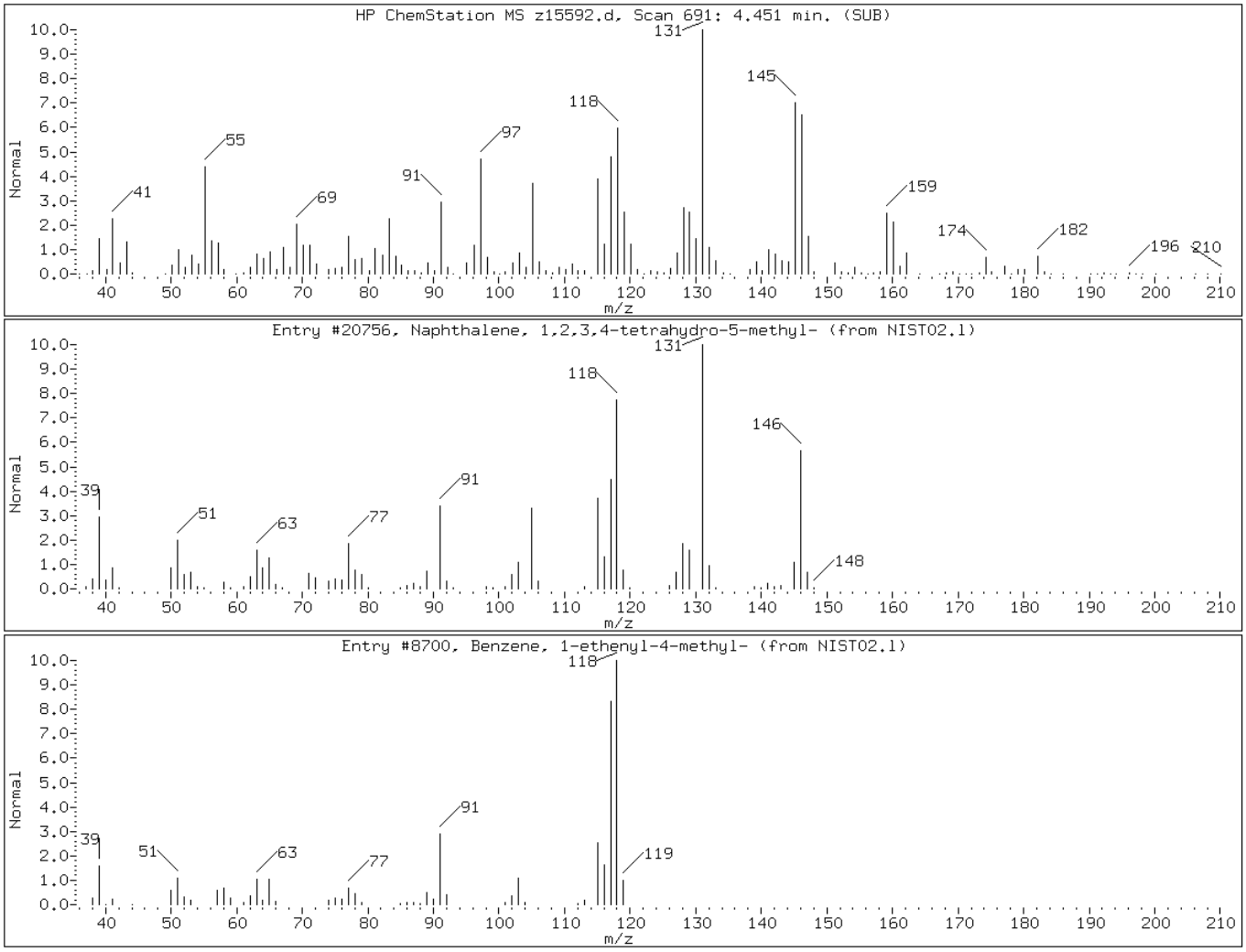
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 4.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20756	60	C11H14	146
Benzene, 1-ethenyl-4-methyl-	622-97-9	NIST02.l	8700	56	C9H10	118



Data File: z15592.d

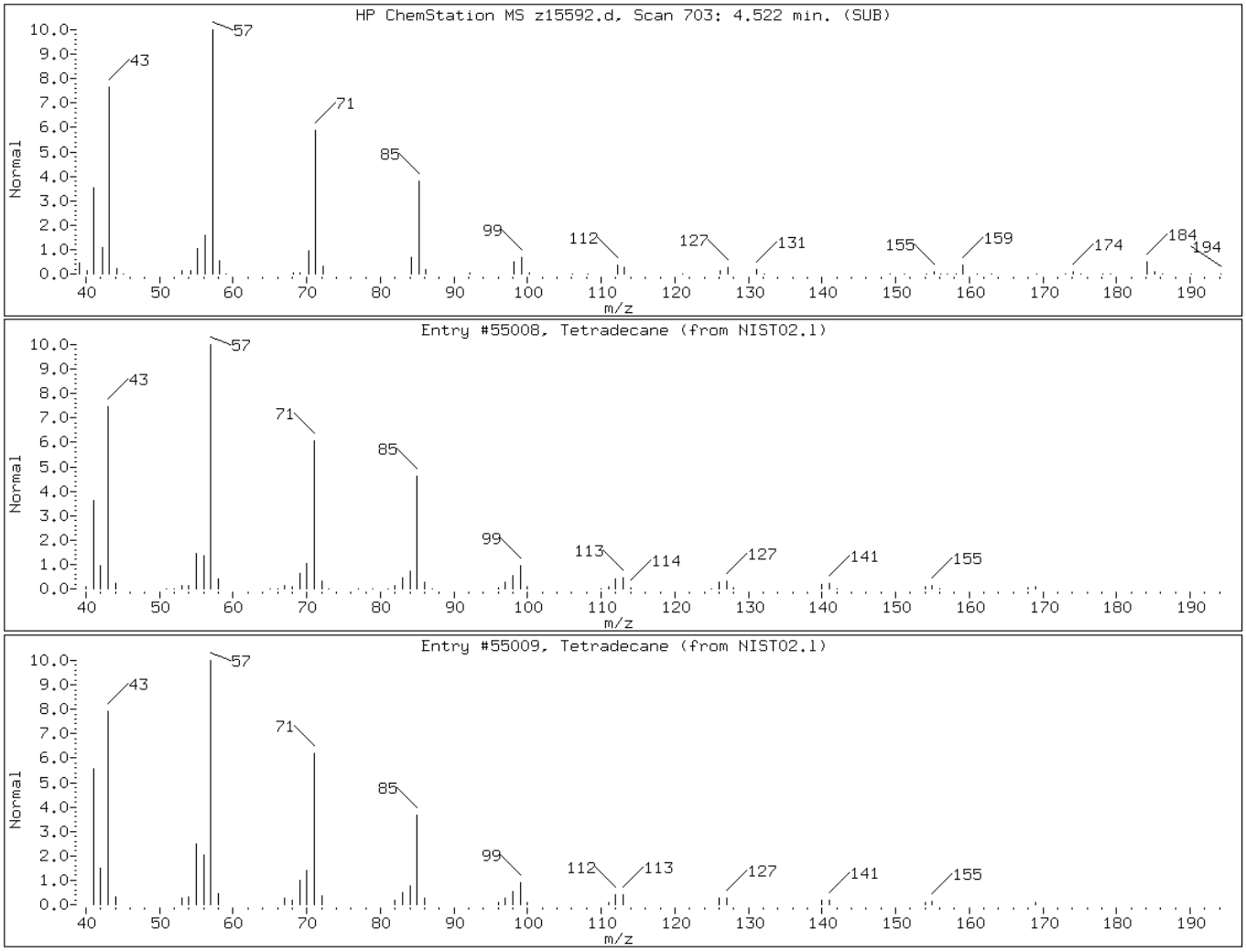
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 4.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Tetradecane	629-59-4	NIST02.l	55008	94	C14H30	198
Tetradecane	629-59-4	NIST02.l	55009	90	C14H30	198



Data File: z15592.d

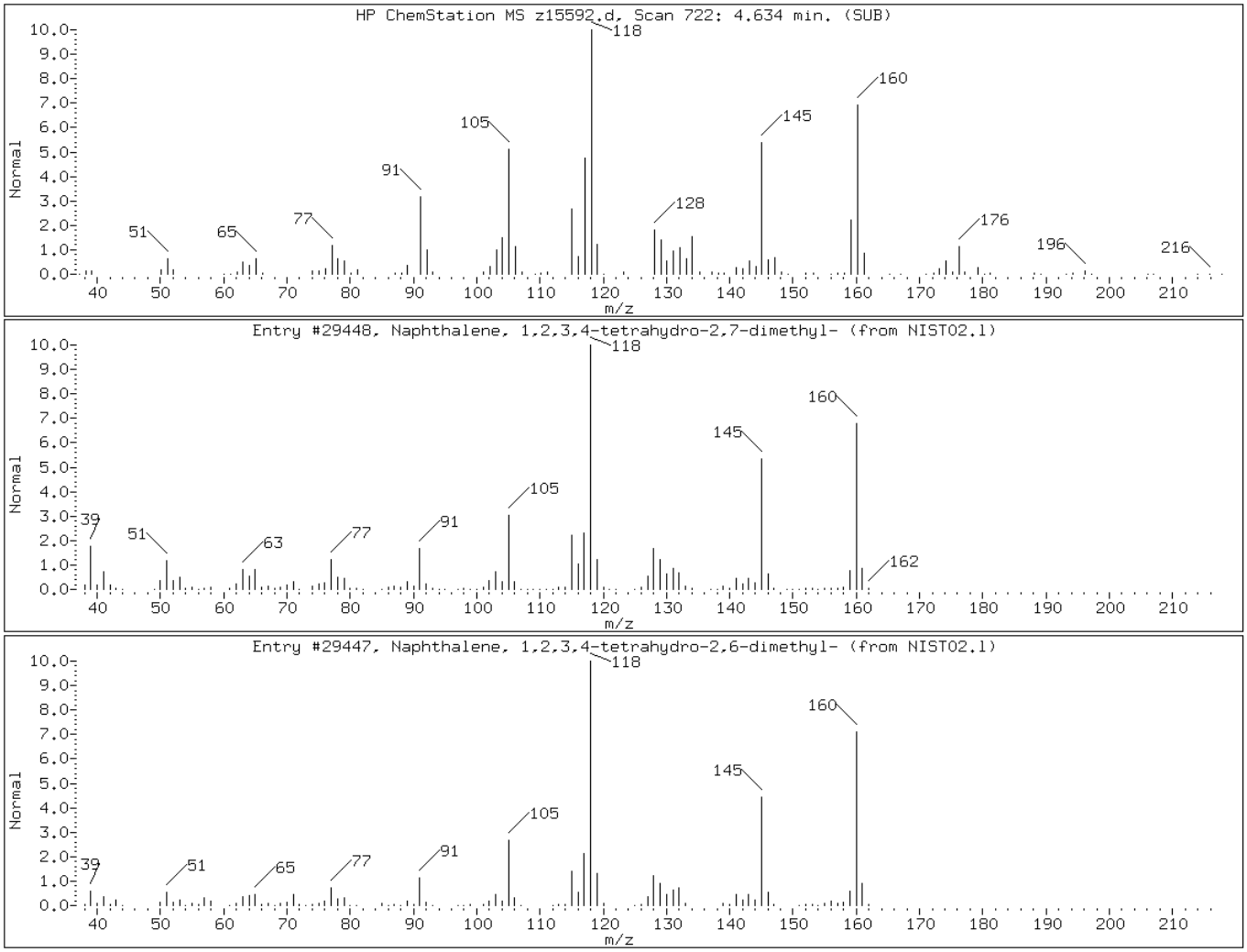
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 4.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
Naphthalene, 1,2,3,4-tetrahydro-2,	13065-07-1	NIST02.l	29448	86	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-2,	7524-63-2	NIST02.l	29447	76	C12H16	160



Data File: z15592.d

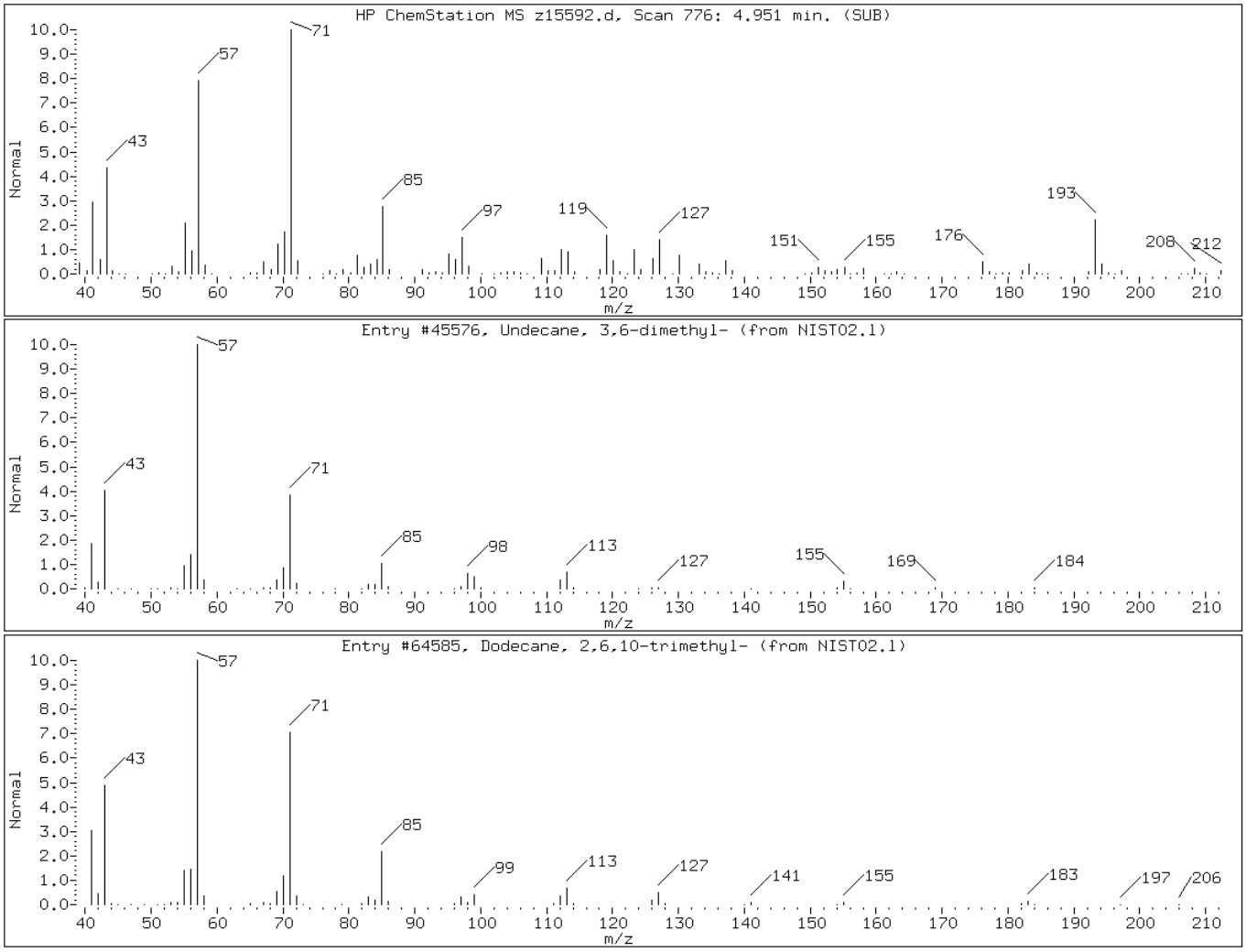
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 4.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	50	C13H28	184
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64585	47	C15H32	212



Data File: z15592.d

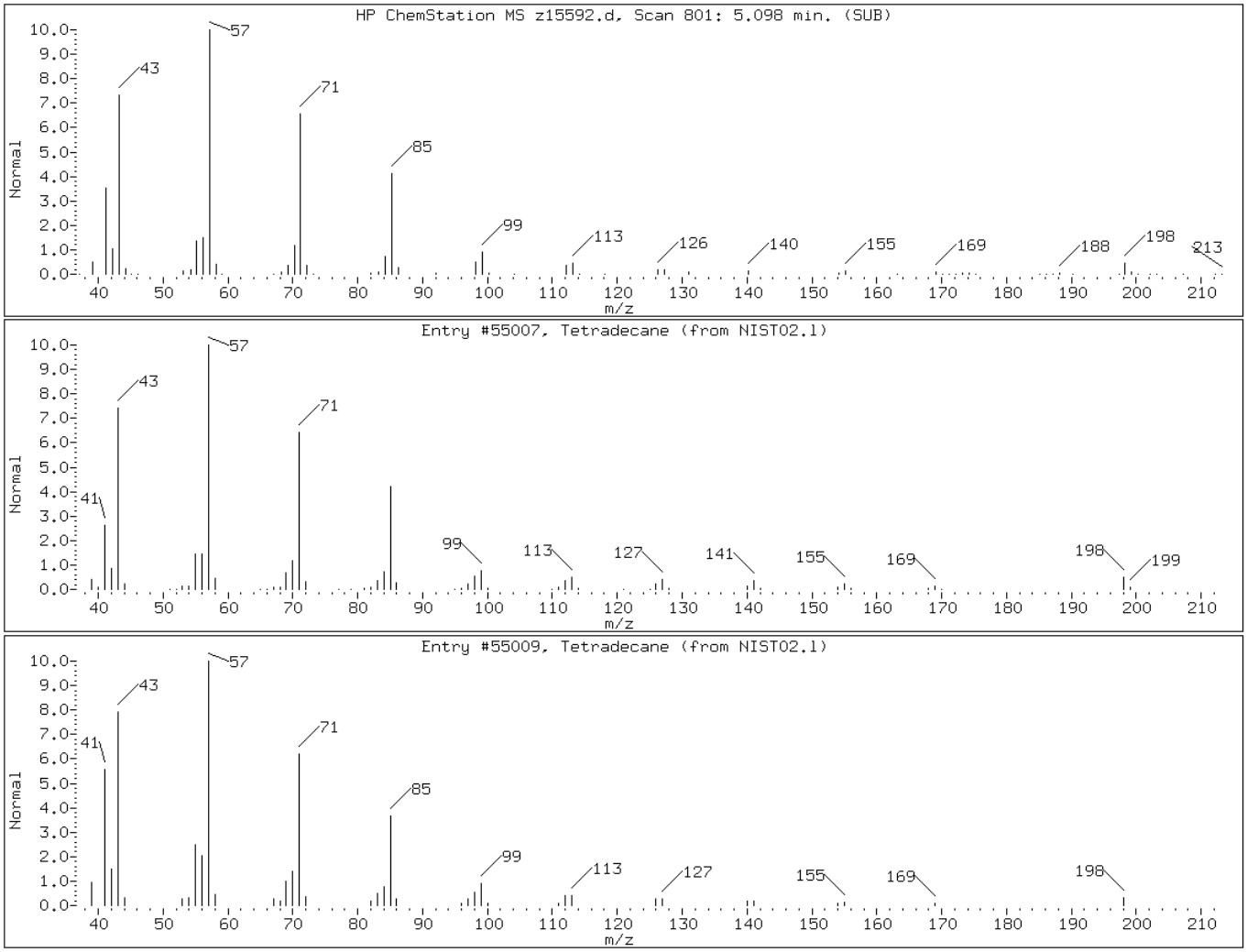
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 5.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55007	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55009	91	C14H30	198



Data File: z15592.d

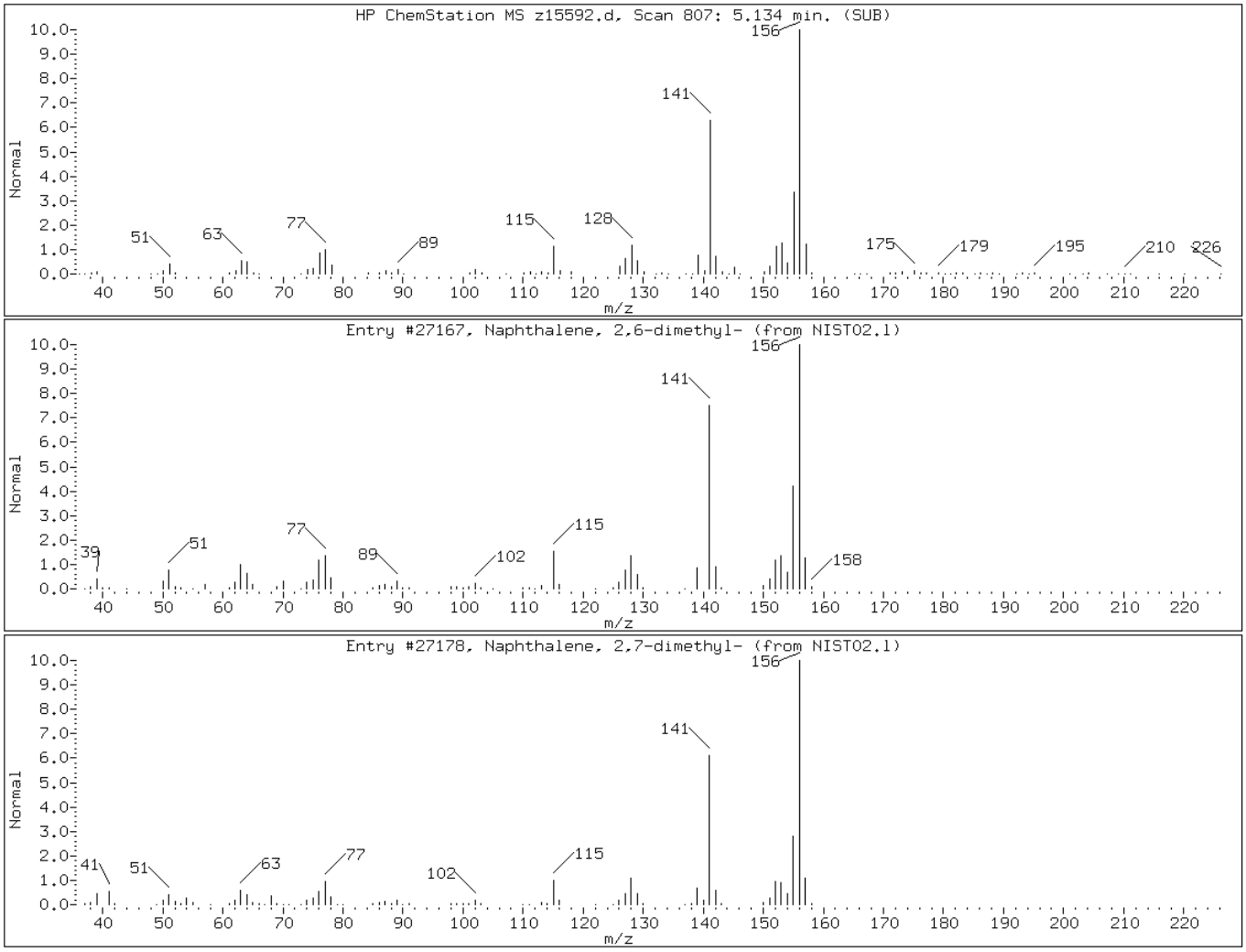
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 5.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27167	98	C12H12	156
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	98	C12H12	156



Data File: z15592.d

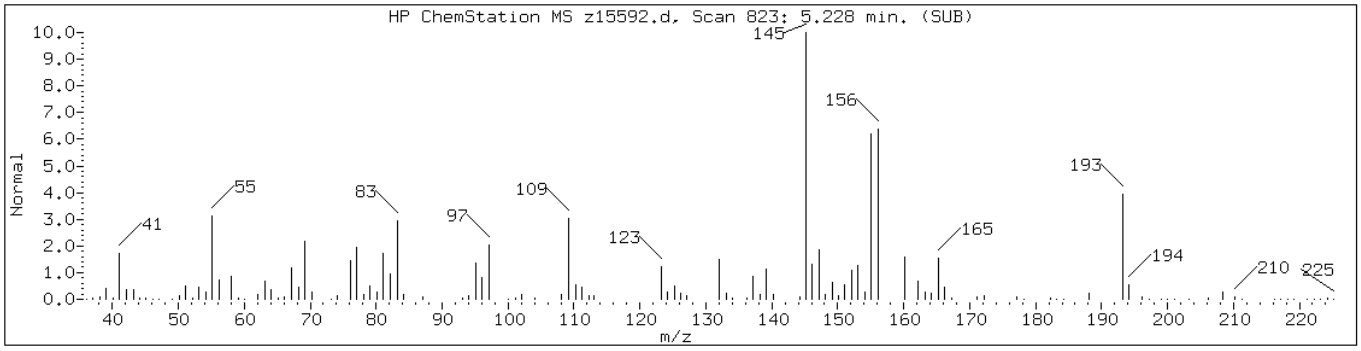
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 5.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Unknown						



Data File: z15592.d

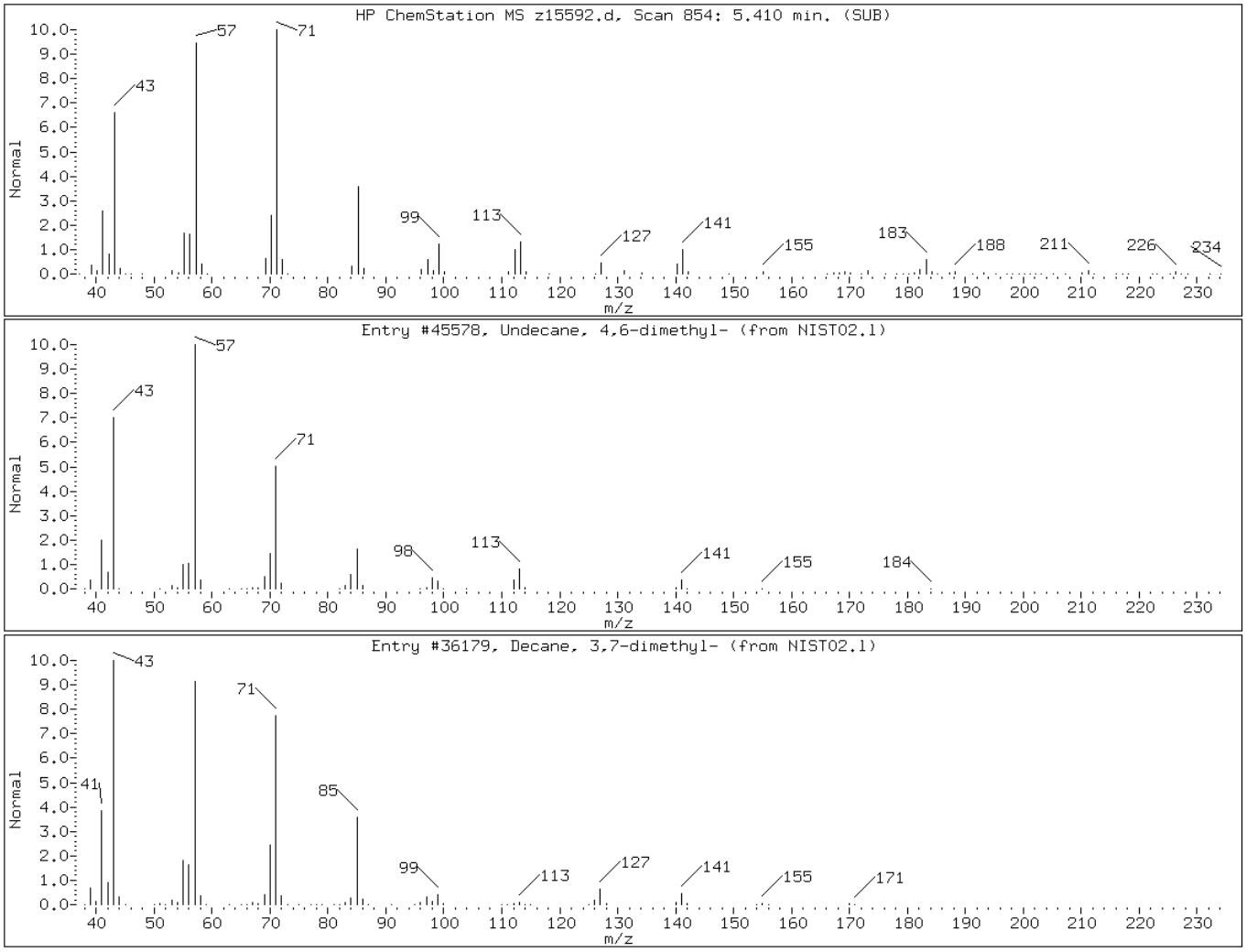
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 5.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	86	C13H28	184
Decane, 3,7-dimethyl-	17312-54-8	NIST02.l	36179	72	C12H26	170



Data File: z15592.d

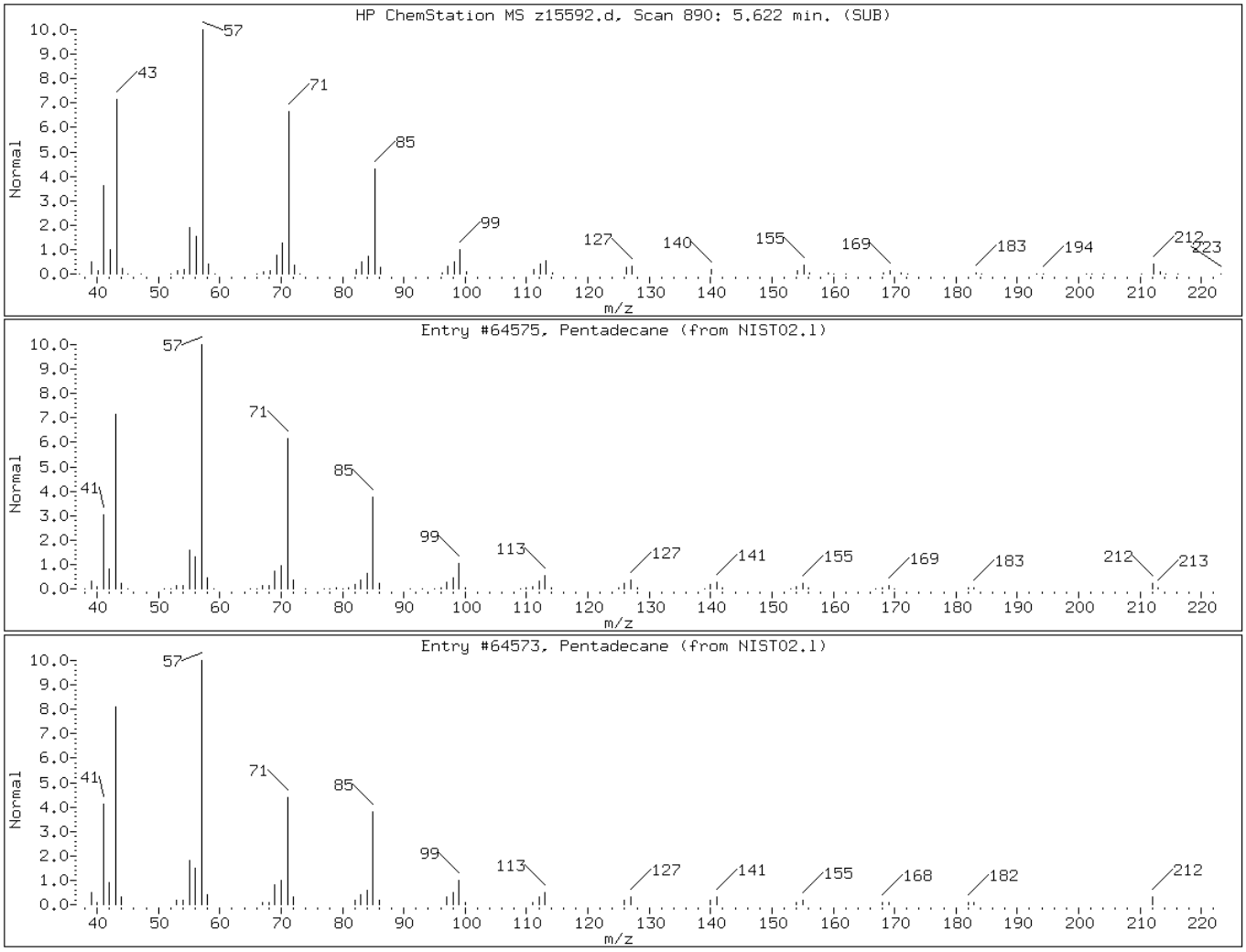
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 5.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Pentadecane	629-62-9	NIST02.l	64575	97	C15H32	212
Pentadecane	629-62-9	NIST02.l	64573	97	C15H32	212



Data File: z15592.d

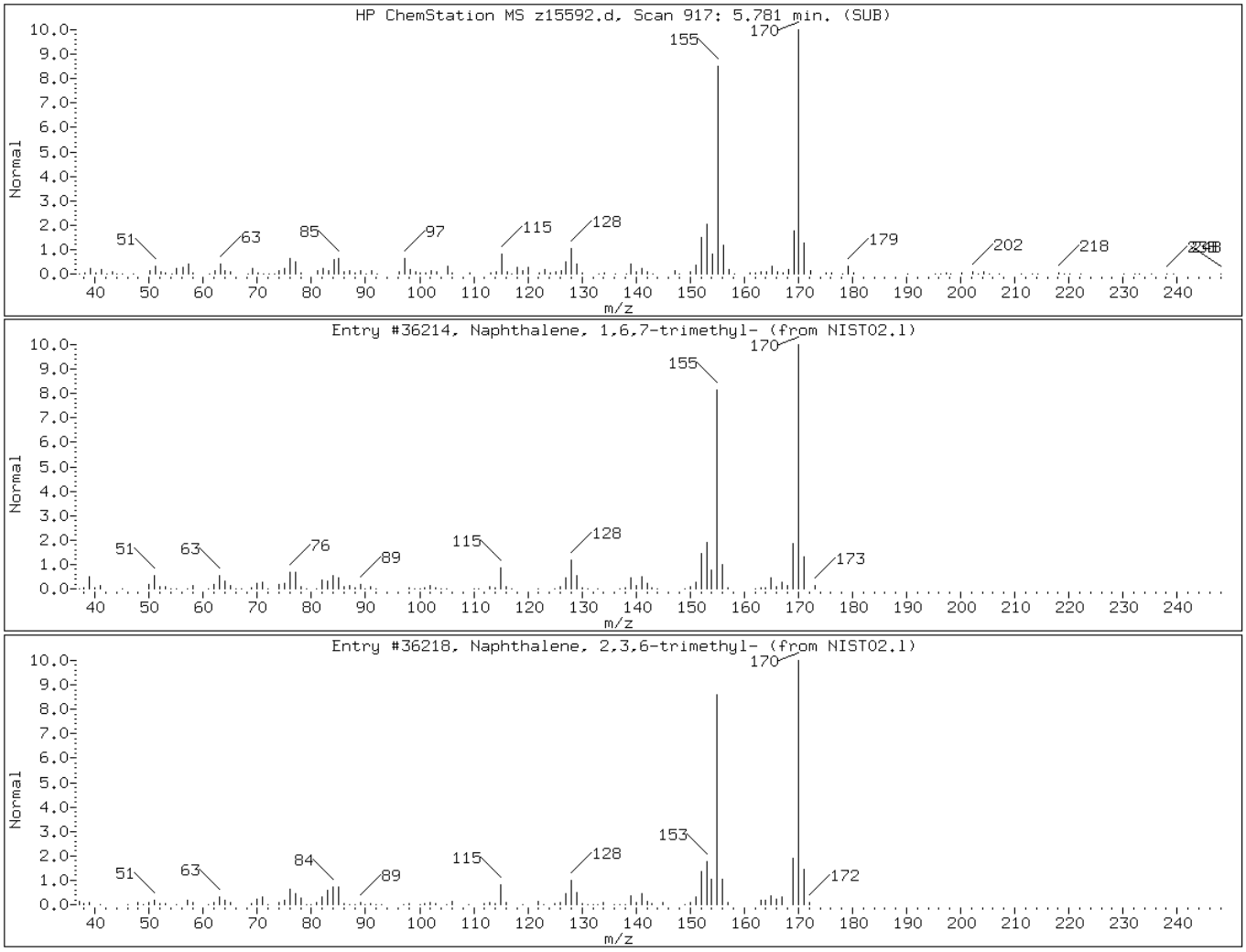
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 5.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	95	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	95	C13H14	170



Data File: z15592.d

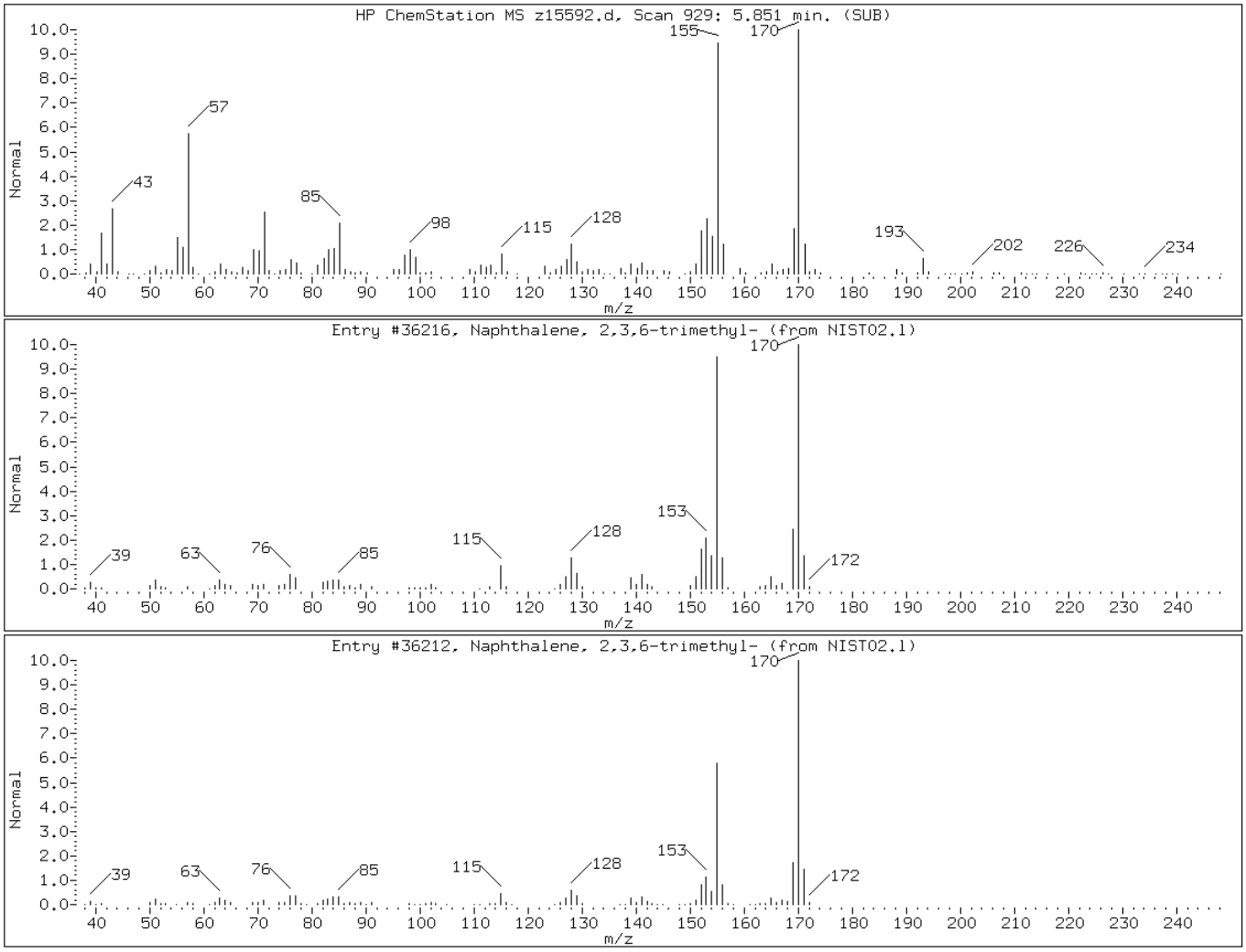
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 5.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	98	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36212	97	C13H14	170



Data File: z15592.d

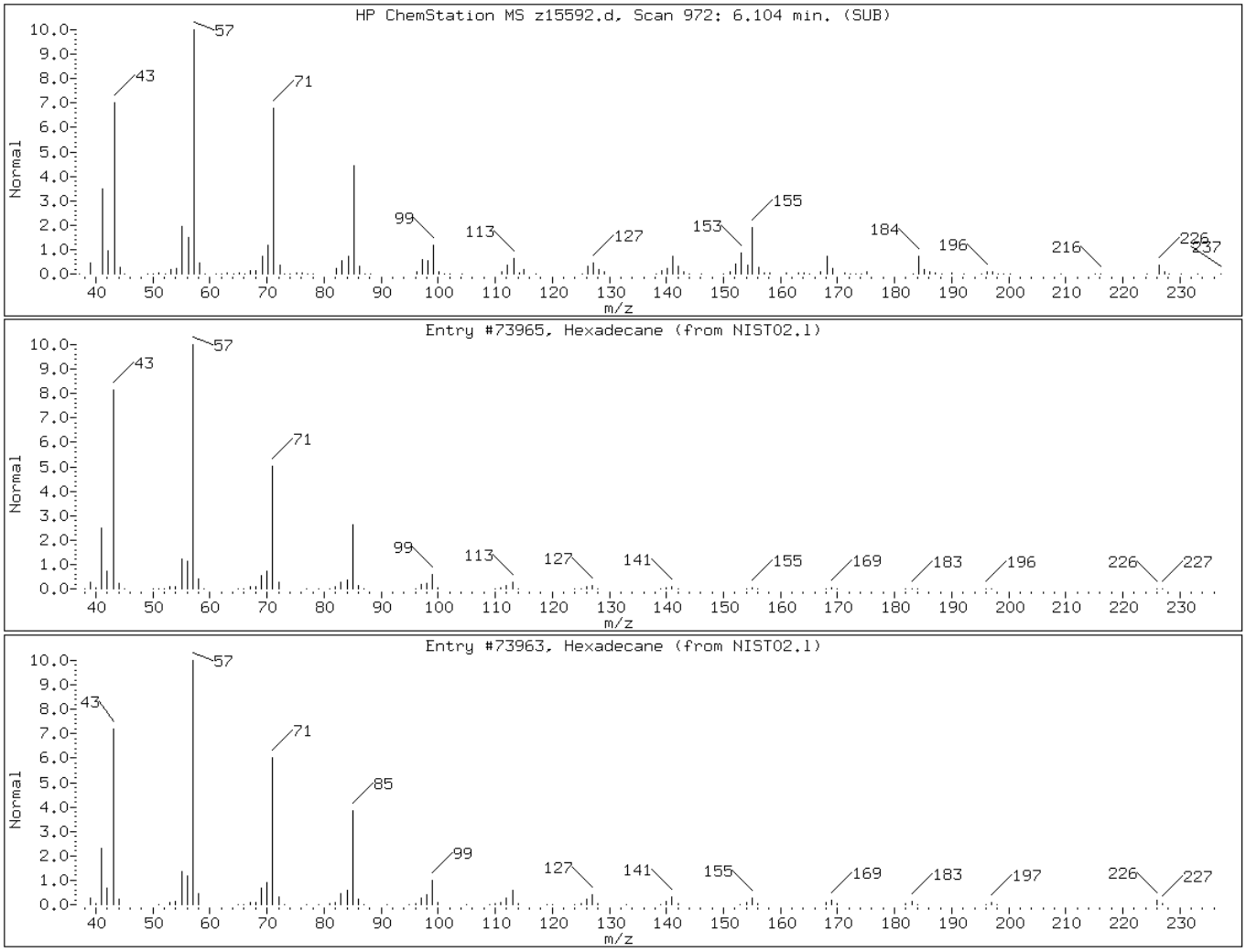
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 6.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C16H34 Alkane						
Hexadecane	544-76-3	NIST02.l	73965	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73963	96	C16H34	226



Data File: z15592.d

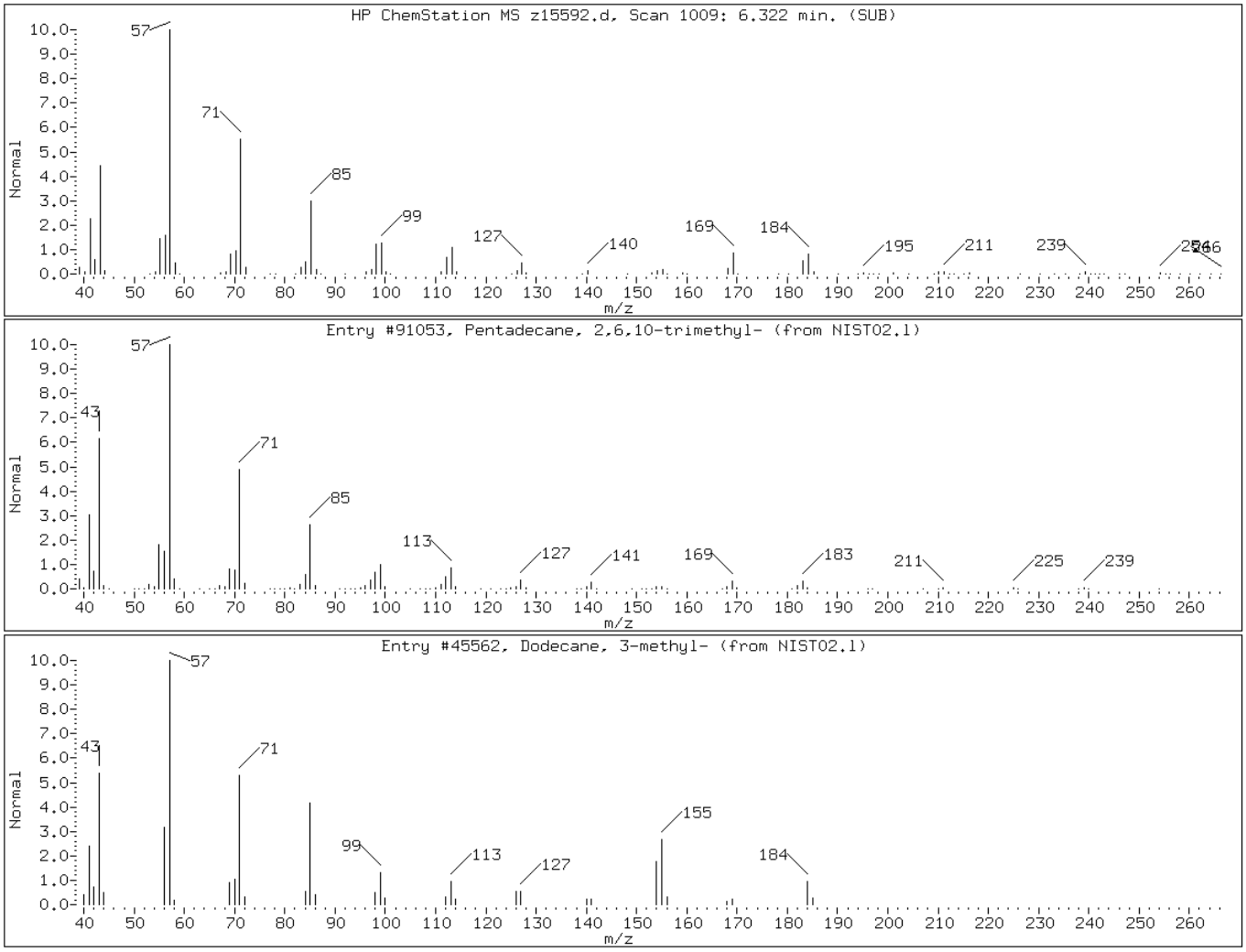
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	90	C18H38	254
Dodecane, 3-methyl-	17312-57-1	NIST02.l	45562	80	C13H28	184



Data File: z15592.d

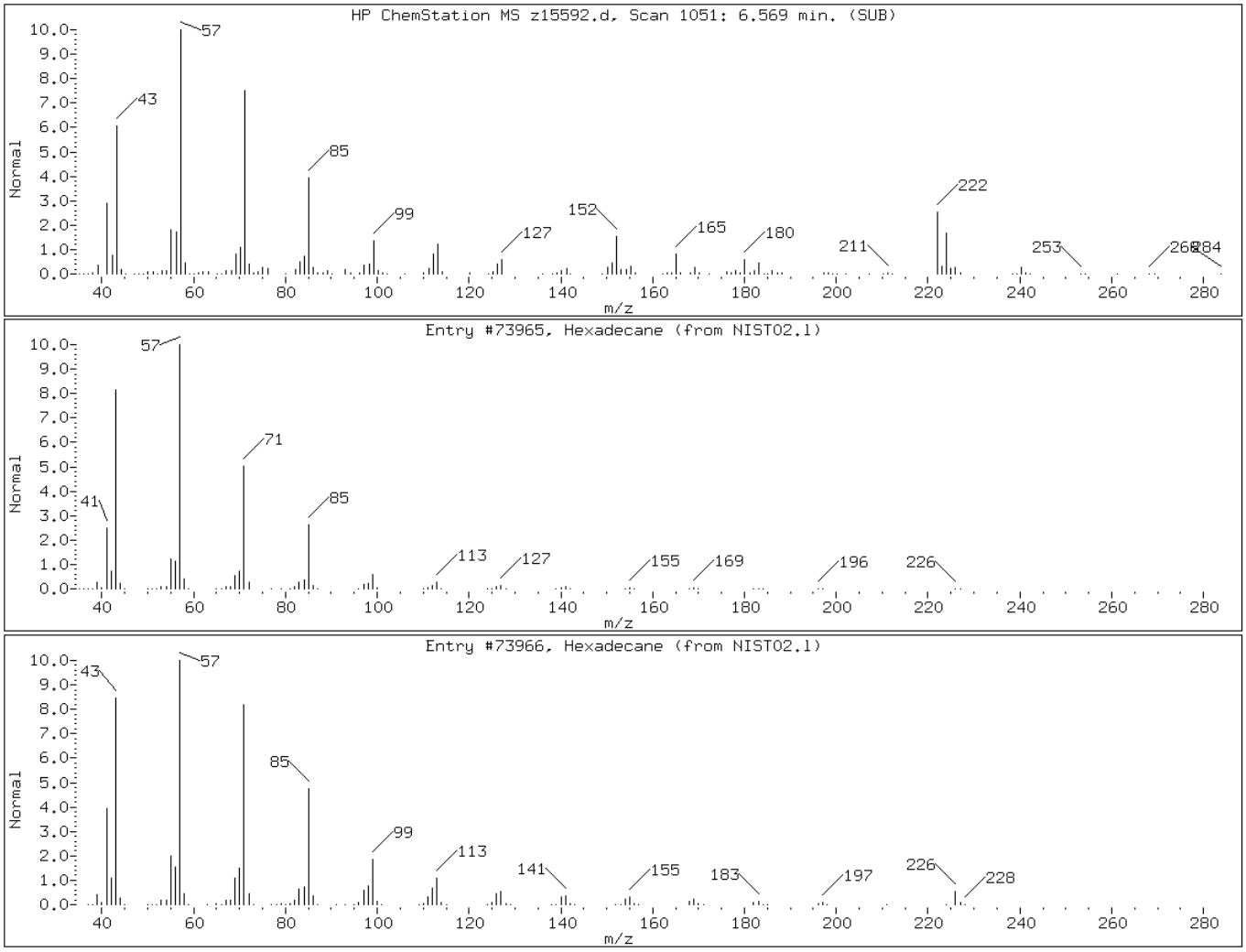
Date: 31-MAR-2011 07:52

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24279-F-9-B Operator: BNAMS 4

Retention Time: 6.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane	544-76-3	NIST02.l	73965	95	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	95	C16H34	226



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68049/4	z15279.d
Level 2	IC 460-68049/7	z15282.d
Level 3	IC 460-68049/6	z15281.d
Level 4	ICIS 460-68049/2	z15277.d
Level 5	IC 460-68049/5	z15280.d
Level 6	IC 460-68049/3	z15278.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.3877 0.5699	0.3756	0.3275	0.3751	0.4654	QuaF		2.8054	-0.620						0.9980		0.9900
N-Nitrosodimethylamine	0.7712 0.8062	0.8764	0.7732	0.8107	0.7933	Ave		0.8052				4.8		15.0			
Pyridine	1.4492 1.3798	1.5594	1.4438	1.4254	1.4160	Ave		1.4456				4.2		15.0			
Benzaldehyde	1.0694 +++++	0.5357	0.3527	0.3402	0.0939	Ave		0.4784				76.5	*	15.0			
Aniline	2.0490 1.6042	2.0521	1.9417	1.8497	1.8089	Ave		1.8843				9.0		15.0			
Phenol	1.7463 1.3789	1.7882	1.6591	1.4256	1.2224	Ave		1.5368				14.8		30.0			
Bis(2-chloroethyl)ether	1.7091 1.4608	1.4213	1.3653	1.3139	1.2010	Ave		1.4119				12.1		15.0			
2-Chlorophenol	1.5196 1.1335	1.5192	1.4253	1.2857	1.1713	Ave		1.3424				12.7		15.0			
Decane	1.5514 1.4667	1.4949	1.4775	1.4858	1.3923	Ave		1.4781				3.5		15.0			
1,3-Dichlorobenzene	1.6975 1.6639	1.7648	1.6706	1.6559	1.5665	Ave		1.6699				3.9		15.0			
1,4-Dichlorobenzene	1.7236 1.6229	1.7541	1.6802	1.6345	1.5242	Ave		1.6566				5.0		30.0			
1,2-Dichlorobenzene	1.6263 1.5289	1.6621	1.5740	1.5483	1.4653	Ave		1.5675				4.5		15.0			
Benzyl alcohol	0.7781 0.7421	0.8157	0.8166	0.7397	0.7743	Ave		0.7777				4.3		15.0			
2,2'-oxybis[1-chloropropane]	1.7526 1.6452	1.7840	1.7022	1.7026	1.5868	Ave		1.6956				4.2		15.0			
2-Methylphenol	1.2907 0.9670	1.2673	1.1897	1.0984	1.0255	Ave		1.1398				11.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.8122 1.4974	1.7564	1.7007	1.5973	1.5093	Ave		1.6456				8.0		15.0			
o-Toluidine	1.6642 1.2320	1.6011	1.4949	1.3257	1.2490	Ave		1.4278				13.0		15.0			
N-Nitrosodi-n-propylamine	0.9373 0.7327	0.9269	0.8752	0.8121	0.7429	Ave		0.8379			0.0500	10.7		15.0			
Hexachloroethane	0.6236 0.5603	0.6379	0.6206	0.6173	0.5616	Ave		0.6036				5.6		15.0			
3 & 4 Methylphenol	1.2775 0.8597	1.2783	1.2004	1.0700	0.9695	QuaF		0.6957	0.1794						0.9998		0.9900
4-Methylphenol	1.2588 0.8597	1.2585	1.1909	1.0634	0.9695	Ave		1.1001				14.9		15.0			
Nitrobenzene	0.5845 0.5162	0.6016	0.5761	0.5585	0.5045	Ave		0.5569				7.0		15.0			
n,n'-Dimethylaniline	2.0707 1.7855	2.1406	2.0237	1.9136	1.8216	Ave		1.9593				7.2		15.0			
Isophorone	0.6480 0.6226	0.6513	0.6269	0.6253	0.6122	Ave		0.6311				2.4		15.0			
2-Nitrophenol	0.2045 0.2113	0.2101	0.2110	0.2107	0.2091	Ave		0.2094				1.2		30.0			
2,4-Dimethylphenol	0.3411 0.2815	0.3427	0.3223	0.3034	0.2858	Ave		0.3128				8.6		15.0			
Bis(2-chloroethoxy)methane	0.3945 0.4037	0.4252	0.4066	0.4049	0.3911	Ave		0.4043				3.0		15.0			
2,4-Dichlorophenol	0.3006 0.2557	0.3073	0.2948	0.2764	0.2626	Ave		0.2829				7.5		30.0			
Benzoic acid	0.0837 0.1531	0.1130	0.1130	0.1256	0.1415	QuaF		8.4482	-4.242						0.9994		0.9900
1,2,4-Trichlorobenzene	0.3631 0.3556	0.3698	0.3570	0.3556	0.3446	Ave		0.3576				2.4		15.0			
Naphthalene	1.1465 1.0450	1.1714	1.1200	1.0754	1.0195	Ave		1.0963				5.4		15.0			
4-Chloroaniline	0.3890 0.3539	0.3938	0.3658	0.3552	0.3603	Ave		0.3697				4.7		15.0			
Hexachlorobutadiene	0.2012 0.2101	0.2137	0.2049	0.2073	0.2015	Ave		0.2065				2.4		30.0			
Caprolactam	0.0515 0.0616	0.0578	0.0634	0.0642	0.0618	Ave		0.0601				7.9		15.0			
4-Chloro-3-methylphenol	0.2597 0.2061	0.2626	0.2462	0.2375	0.2171	Ave		0.2382				9.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methylnaphthalene	0.6496 0.6035	0.6740	0.6297	0.6142	0.6008	Ave		0.6286				4.6		15.0			
1-Methylnaphthalene	0.6674 0.5656	0.6517	0.6231	0.5992	0.5763	Ave		0.6139				6.7		15.0			
1,2,4,5-Tetrachlorobenzene	0.7319 0.6915	0.7294	0.7331	0.7008	0.6571	Ave		0.7073				4.3		30.0			
Hexachlorocyclopentadiene	0.3721 0.4436	0.3481	0.3769	0.4100	0.4088	Ave		0.3933			0.0500	8.7		15.0			
2-tertbutyl-4-methylphenol	0.4227 0.3369	0.4137	0.3978	0.3769	0.3489	Ave		0.3828				9.1		15.0			
2,4,6-Trichlorophenol	0.4035 0.4000	0.4061	0.4069	0.3899	0.3820	Ave		0.3981				2.5		30.0			
2,4,5-Trichlorophenol	0.4092 0.3940	0.4234	0.4077	0.3971	0.3888	Ave		0.4034				3.1		15.0			
2-Chloronaphthalene	1.2742 1.1845	1.3364	1.2817	1.2194	1.1487	Ave		1.2408				5.6		15.0			
Diphenyl	1.7180 1.4937	1.7201	1.6765	1.5773	1.4396	Ave		1.6042				7.5		15.0			
Diphenyl ether	0.8832 0.9001	0.9385	0.9026	0.9120	0.8713	Ave		0.9013				2.6		15.0			
2-Nitroaniline	0.3475 0.3886	0.4027	0.3955	0.3850	0.3795	Ave		0.3831				5.0		15.0			
1,3-Dimethylnaphthalene	1.0611 0.9567	1.0433	1.0338	1.0062	0.9393	Ave		1.0067				4.9		15.0			
Coumarin	0.1394 0.1407	0.1436	0.1445	0.1411	0.1441	Ave		0.1422				1.5		15.0			
Dimethyl phthalate	1.0369 1.1298	1.1418	1.0993	1.0935	1.0936	Ave		1.0992				3.3		15.0			
Acenaphthylene	1.9363 1.7699	1.9799	1.8657	1.8099	1.7133	Ave		1.8458				5.5		15.0			
2,6-Dinitrotoluene	0.2031 0.2650	0.2564	0.2476	0.2448	0.2444	Ave		0.2435				8.8		15.0			
3-Nitroaniline	0.2313 0.2622	0.2475	0.2490	0.2389	0.2454	Ave		0.2457				4.2		15.0			
Acenaphthene	1.0961 1.0484	1.1532	1.0981	1.0614	1.0265	Ave		1.0806				4.2		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.1254 1.0726	1.0811	1.0950	1.0977	1.0600	Ave		1.0886				2.1		15.0			
2,4-Dinitrophenol	0.0562 0.1529	0.0722	0.0905	0.1087	0.1403	QuaF		9.8939	-7.590		0.0500				0.9911		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibenzofuran	1.5773 1.5592	1.6540	1.5468	1.5418	1.4879	Ave		1.5612				3.5		15.0			
4-Nitrophenol	0.1049 0.1796	0.1182	0.1366	0.1428	0.1677	QuaF		7.4841	-3.669		0.0500				0.9972		0.9900
2,4-Dinitrotoluene	0.2468 0.3047	0.2856	0.2924	0.2829	0.2950	Ave		0.2846				7.0		15.0			
1-Naphthylamine	0.9621 0.7536	0.8768	0.8227	0.6780	0.7448	Ave		0.8063				12.7		30.0			
2,3,4,6-Tetrachlorophenol	0.2652 0.2794	0.2766	0.2799	0.2623	0.2831	Ave		0.2744				3.1		30.0			
2-Naphthylamine	0.9373 0.7673	0.9567	0.8560	0.6576	0.7488	Ave		0.8206				14.2		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1814	+++++	Ave		0.1814						15.0			
Diethyl phthalate	0.8670 0.9618	0.9477	0.9262	0.9275	0.9262	Ave		0.9261				3.5		15.0			
Fluorene	1.1863 1.1446	1.2434	1.1911	1.1468	1.1107	Ave		1.1705				4.0		15.0			
4-Chlorophenyl phenyl ether	0.5843 0.6008	0.6085	0.5831	0.5902	0.5779	Ave		0.5908				2.0		15.0			
4-Nitroaniline	0.1616 0.1945	0.1644	0.1863	0.1740	0.1871	Ave		0.1780				7.5		15.0			
4,6-Dinitro-2-methylphenol	0.0917 0.1619	0.1019	0.1158	0.1286	0.1564	QuaF		8.2677	-4.524						0.9945		0.9900
N-Nitrosodiphenylamine	0.6150 0.5968	0.6298	0.5972	0.6025	0.6012	Ave		0.6071				2.1		30.0			
1,2-Diphenylhydrazine	1.1077 1.1854	1.2132	1.1521	1.1886	1.1553	Ave		1.1671				3.2		15.0			
4-Bromophenyl phenyl ether	0.2576 0.2838	0.2743	0.2612	0.2706	0.2684	Ave		0.2693				3.5		15.0			
Hexachlorobenzene	0.3039 0.3024	0.3006	0.2885	0.2969	0.2957	Ave		0.2980				1.9		15.0			
Atrazine	0.1840 0.2162	0.1806	0.1865	0.2046	0.2134	Ave		0.1975				8.0		15.0			
Pentachlorophenol	0.1198 0.1834	0.1257	0.1355	0.1481	0.1750	QuaF		7.1814	-3.272						0.9967		0.9900
Phenanthrene	1.1470 1.1276	1.1838	1.1199	1.1219	1.1028	Ave		1.1338				2.5		15.0			
n-Octadecane	0.5922 0.5806	0.6129	0.6014	0.6440	0.5874	Ave		0.6031				3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Anthracene	1.1506 1.1306	1.2074	1.1514	1.1391	1.1143	Ave		1.1489				2.8		15.0			
Carbazole	0.8012 0.8842	0.8707	0.8341	0.8239	0.8362	Ave		0.8417				3.6		15.0			
Di-n-butyl phthalate	0.8367 1.0603	0.9171	0.9345	0.9780	1.0210	Ave		0.9579				8.3		15.0			
Fluoranthene	0.8273 0.9530	0.8784	0.8595	0.8680	0.8904	Ave		0.8794				4.8		30.0			
Benzidine	0.0704 +++++	0.1620	0.0942	0.0296	0.0223	Ave		0.0757				74.7	*	15.0			
Pyrene	1.6916 1.5505	1.7361	1.6108	1.5804	1.5541	Ave		1.6206				4.7		15.0			
Butyl benzyl phthalate	0.4387 0.5650	0.4995	0.5063	0.5416	0.5420	Ave		0.5155				8.7		15.0			
Carbamazepine	0.3011 0.4427	0.3300	0.3784	0.4235	0.4123	Ave		0.3813				14.6		15.0			
Benzo[a]anthracene	1.3160 1.1164	1.0068	0.9963	1.0615	1.0374	Ave		1.0891				10.9		15.0			
3,3'-Dichlorobenzidine	0.3042 0.3348	0.3333	0.3355	0.3222	0.3233	Ave		0.3256				3.7		15.0			
Chrysene	1.0125 1.0575	1.1737	1.0866	1.0763	1.0510	Ave		1.0763				5.0		15.0			
Bis(2-ethylhexyl) phthalate	0.5182 0.7428	0.5991	0.6212	0.6957	0.7091	Ave		0.6477				12.9		15.0			
Di-n-octyl phthalate	0.7705 1.3203	0.9290	1.0340	1.2775	1.3011	QuaF		0.8302	-0.019						0.9991		0.9900
Benzo[b]fluoranthene	0.9435 1.1780	1.1339	1.0099	1.1266	1.2328	Ave		1.1041				9.8		15.0			
Benzo[k]fluoranthene	1.1865 1.4447	1.2518	1.4382	1.4054	1.2688	Ave		1.3326				8.3		15.0			
Benzo[a]pyrene	0.6833 1.0696	0.8278	0.9034	1.0072	0.9889	QuaF		1.0901	-0.048						0.9994		0.9900
Indeno[1,2,3-cd]pyrene	0.6851 1.0065	0.6332	0.7078	0.9216	0.8799	QuaF		1.2664	-0.090						0.9977		0.9900
Dibenz(a,h)anthracene	0.4742 1.0486	0.7716	0.7787	0.9220	0.8856	QuaF		1.2683	-0.099						0.9983		0.9900
Benzo[g,h,i]perylene	0.8101 1.1113	0.9348	0.9403	1.0264	1.0091	Ave		0.9720				10.5		15.0			
2-Fluorophenol	1.3212 1.1088	1.3600	1.3052	1.1766	1.1926	Ave		1.2441				7.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenol-d5	1.6483 1.2124	1.6301	1.5126	1.3582	1.3467	Ave		1.4514				12.0		15.0			
Nitrobenzene-d5	0.4315 0.4081	0.4307	0.4233	0.4216	0.3991	Ave		0.4191				3.1		15.0			
2-Fluorobiphenyl	1.6427 1.5304	1.6386	1.5746	1.5510	1.4730	Ave		1.5684				4.2		15.0			
2,4,6-Tribromophenol	0.1558 0.1742	0.1689	0.1663	0.1553	0.1804	Ave		0.1668				6.0		15.0			
Terphenyl-d14	1.1187 1.0695	1.0754	1.0558	1.0813	1.0734	Ave		1.0790				2.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68049/4	z15279.d
Level 2	IC 460-68049/7	z15282.d
Level 3	IC 460-68049/6	z15281.d
Level 4	ICIS 460-68049/2	z15277.d
Level 5	IC 460-68049/5	z15280.d
Level 6	IC 460-68049/3	z15278.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	QuaF	16983 445665	32863	52461	154220	296117	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	33783 630443	76683	123843	333301	504714	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	63485 1078939	136437	231256	586003	900888	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	46849 +++++	46867	56489	139856	59764	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	89761 1254409	179544	311005	760433	1150860	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	76502 1078222	156461	265748	586070	777733	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	7487 1142315	124360	218688	540143	764081	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	66568 886327	132926	228292	528563	745223	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	67963 1146893	130796	236654	610827	885832	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	74361 1301130	154414	267586	680751	996648	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	75507 1269073	153471	269123	671966	969714	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	71242 1195578	145423	252109	636535	932218	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	34086 580305	71369	130792	304095	492594	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	76775 1286508	156088	272656	699952	1009534	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	56541 756148	110879	190559	451555	652460	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	79389 1170946	153679	272415	656675	960217	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
o-Toluidine	DCB	Ave	72903 963427	140086	239453	545026	794654	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	4106 572965	81100	140181	333845	472669	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2732 438153	55809	99409	253797	357330	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	QuaF	55963 672269	111847	192282	439906	616815	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	55145 672269	110113	190757	437171	616815	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	8727 1264545	177213	306158	744854	1043012	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	9071 1396200	187289	324151	786707	1158924	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	96755 1525411	191867	333148	833868	1265738	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	30527 517724	61882	112117	281013	432225	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	50936 689639	100947	171300	404576	590880	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	58901 988978	125251	216086	539975	808514	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	44888 626469	90521	156649	368562	542851	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	12494 374962	33272	60027	167491	292470	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	5421 871163	108936	189749	474271	712420	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	171191 2560231	345044	595228	1434236	2107907	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	58080 867095	116002	194405	473640	745000	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	6007 514732	62954	108915	276469	416664	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	7687 150881	17030	33711	85671	127797	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	38773 504909	77347	130863	316759	448802	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	96988 1478497	198534	334649	819047	1242203	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	99646 1385697	191982	331125	799063	1191435	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	47849 697060	92276	167338	393631	580644	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	24327 447183	44041	86027	230299	361280	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	63106 825282	121860	211425	502603	721346	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	26382 403189	51371	92873	218975	337580	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	26754 397096	53568	93069	223019	343608	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	83300 1193945	169064	292565	684856	1015137	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	112318 1505652	217605	382675	885919	1272160	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	57739 907261	118730	206036	512240	769924	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	45442 391660	50948	90273	216239	335344	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	69371 964370	131985	235976	565138	830076	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	20810 344774	42301	76769	188238	298020	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	67790 1138856	144442	250939	614151	966406	5.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	126591 1784039	250472	425859	1016543	1514056	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2655 267070	32437	56519	137508	216006	1.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	30245 264286	31311	56846	134185	216848	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	71658 1056805	145894	250657	596112	907098	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	73577 1081167	136765	249937	616539	936743	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	11029 154088	18280	30982	61049	123971	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	103120 1571596	209245	353067	865959	1314849	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	QuaF	20579 181075	29901	46781	80223	148179	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	3227 307153	36130	66751	158912	260658	1.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	62897 759662	110918	187791	380799	658146	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	17339 281645	34997	63880	147346	250215	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	61278 773382	121024	195384	369322	661674	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	619	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Diethyl phthalate	ANT	Ave	56680 969450	119895	211416	520938	818474	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	77554 1153744	157298	271893	644109	981498	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	38198 605642	76979	133090	331473	510659	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	21134 196074	20794	42524	97723	165310	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	QuaF	20553 188179	29109	45786	80438	159639	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	45943 693770	89959	157423	376835	613598	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	82747 1377960	173295	303702	743427	1179163	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	19240 329858	39173	68841	169259	273991	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2270 351468	42935	76058	185696	301834	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	13746 251268	25800	49153	127969	217763	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	26851 213213	35903	53563	92616	178642	15.0 120	20.0	30.0	50.0	80.0
Phenanthrene	PHN	Ave	85678 1310808	169090	295210	701753	1125572	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	44239 674934	87544	158521	402823	599545	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	85950 1314243	172466	303510	712465	1137295	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	59847 1027761	124371	219857	515324	853509	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	62504 1232522	130994	246323	611700	1042105	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	61801 1107820	125473	226563	542937	908779	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzidine	PHN	Ave	5259 +++++	46284	37234	18544	22753	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	62856 1077167	126692	223604	539178	889720	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	16300 392517	36452	70287	184772	310310	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	11187 307558	24082	52534	144495	236024	5.00 120	10.0	20.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	4890 775582	73473	138308	362160	593924	0.500 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	22605 232614	48647	69860	109935	185078	10.0 120	20.0	30.0	50.0	80.0
Chrysene	CRY	Ave	37621 734659	85647	150843	367211	601686	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	19254 516016	43721	86239	237349	405964	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	QuaF	20670 734279	50520	109022	343098	558029	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	2531 655180	61666	106483	302571	528733	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	3183 803491	68079	151644	377452	544191	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	QuaF	1833 594878	45020	95250	270499	424147	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	1838 559802	34435	74625	247521	377408	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	1272 583212	41960	82103	247620	379851	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	21732 618077	50839	99144	275666	432789	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	57879 867045	118992	209068	483692	758721	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	72209 948084	142628	242278	558368	856801	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	64424 999865	126863	224975	562283	825108	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	107395 1542588	207291	359426	871119	1301703	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	10183 175624	21371	37950	87197	159414	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	41568 742976	78476	146558	368920	614560	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-69101/2 Calibration Date: 03/31/2011 02:39

Instrument ID: BNAMS11 Calib Start Date: 03/21/2011 11:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2011 13:13

Lab File ID: z15578.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	QuaF	0.4169	0.1795		23900	50000	-52.1*	20.0
N-Nitrosodimethylamine	Ave	0.8052	0.5109		31700	50000	-36.5*	20.0
Pyridine	Ave	1.446	0.9712		33600	50000	-32.8*	20.0
Benzaldehyde	Ave	0.4784	0.2501		26100	50000	-47.7*	20.0
Aniline	Ave	1.884	2.006		53200	50000	6.4	20.0
Phenol	Ave	1.537	1.537		50000	50000	0.0	20.0
Bis(2-chloroethyl)ether	Ave	1.412	1.362		48200	50000	-3.5	20.0
2-Chlorophenol	Ave	1.342	1.347		50200	50000	0.4	20.0
Decane	Ave	1.478	1.494		50500	50000	1.1	20.0
1,3-Dichlorobenzene	Ave	1.670	1.641		49100	50000	-1.7	20.0
1,4-Dichlorobenzene	Ave	1.657	1.634		49300	50000	-1.3	20.0
1,2-Dichlorobenzene	Ave	1.567	1.578		50300	50000	0.7	20.0
Benzyl alcohol	Ave	0.7777	0.8429		54200	50000	8.4	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.696	1.865		55000	50000	10.0	20.0
2-Methylphenol	Ave	1.140	1.219		53500	50000	6.9	20.0
o-Toluidine	Ave	1.428	1.656		58000	50000	15.9	20.0
Acetophenone	Ave	1.646	1.745		53000	50000	6.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.8379	0.8583	0.0500	51200	50000	2.4	20.0
Hexachloroethane	Ave	0.6036	0.5866		48600	50000	-2.8	20.0
3 & 4 Methylphenol	QuaF	1.109	1.232		59900	50000	19.8	20.0
4-Methylphenol	Ave	1.100	1.222		55500	50000	11.1	20.0
Nitrobenzene	Ave	0.5569	0.5408		48600	50000	-2.9	20.0
n,n'-Dimethylaniline	Ave	1.959	2.052		52400	50000	4.7	20.0
Isophorone	Ave	0.6311	0.6505		51500	50000	3.1	20.0
2-Nitrophenol	Ave	0.2094	0.2154		51400	50000	2.9	20.0
2,4-Dimethylphenol	Ave	0.3128	0.3172		50700	50000	1.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4043	0.4086		50500	50000	1.1	20.0
2,4-Dichlorophenol	Ave	0.2829	0.2876		50800	50000	1.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3576	0.3455		48300	50000	-3.4	20.0
Benzoic acid	QuaF	0.1216	0.1383		53300	50000	6.7	20.0
Naphthalene	Ave	1.096	1.060		48300	50000	-3.3	20.0
4-Chloroaniline	Ave	0.3697	0.3805		51500	50000	2.9	20.0
Hexachlorobutadiene	Ave	0.2065	0.1973		47800	50000	-4.5	20.0
Caprolactam	Ave	0.0601	0.0692		57600	50000	15.2	20.0
4-Chloro-3-methylphenol	Ave	0.2382	0.2470		51800	50000	3.7	20.0
2-Methylnaphthalene	Ave	0.6286	0.6893		54800	50000	9.6	20.0
1-Methylnaphthalene	Ave	0.6139	0.6236		50800	50000	1.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7073	0.6687		47300	50000	-5.5	20.0
Hexachlorocyclopentadiene	Ave	0.3933	0.3877	0.0500	49300	50000	-1.4	20.0
2,4,6-Trichlorophenol	Ave	0.3981	0.3904		49000	50000	-1.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.3828	0.3778		49300	50000	-1.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-69101/2 Calibration Date: 03/31/2011 02:39

Instrument ID: BNAMS11 Calib Start Date: 03/21/2011 11:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2011 13:13

Lab File ID: z15578.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4034	0.4138		51300	50000	2.6	20.0
2-Chloronaphthalene	Ave	1.241	1.213		48900	50000	-2.2	20.0
Diphenyl	Ave	1.604	1.577		49100	50000	-1.7	20.0
Diphenyl ether	Ave	0.9013	0.8682		48200	50000	-3.7	20.0
2-Nitroaniline	Ave	0.3831	0.4057		52900	50000	5.9	20.0
1,3-Dimethylnaphthalene	Ave	1.007	1.001		49700	50000	-0.5	20.0
Coumarin	Ave	0.1422	0.1686		59300	50000	18.5	20.0
Dimethyl phthalate	Ave	1.099	1.134		51600	50000	3.2	20.0
Acenaphthylene	Ave	1.846	1.810		49000	50000	-1.9	20.0
2,6-Dinitrotoluene	Ave	0.2435	0.2706		55600	50000	11.1	20.0
3-Nitroaniline	Ave	0.2457	0.2746		55900	50000	11.7	20.0
Acenaphthene	Ave	1.081	1.066		49300	50000	-1.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.089	1.090		50100	50000	0.2	20.0
2,4-Dinitrophenol	QuaF	0.1035	0.1225	0.0500	53500	50000	6.9	20.0
Dibenzofuran	Ave	1.561	1.571		50300	50000	0.6	20.0
2,4-Dinitrotoluene	Ave	0.2846	0.3245		57000	50000	14.0	20.0
4-Nitrophenol	QuaF	0.1416	0.1795	0.0500	59800	50000	19.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2744	0.2879		52500	50000	4.9	20.0
2-Naphthylamine	Ave	0.8206	0.8266		50400	50000	0.7	20.0
Fluorene	Ave	1.170	1.166		49800	50000	-0.4	20.0
Diethyl phthalate	Ave	0.9261	0.9563		51600	50000	3.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5908	0.5973		50600	50000	1.1	20.0
4-Nitroaniline	Ave	0.1780	0.2096		58900	50000	17.7	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1260	0.1393		52100	50000	4.2	20.0
N-Nitrosodiphenylamine	Ave	0.6071	0.5864		48300	50000	-3.4	20.0
1,2-Diphenylhydrazine	Ave	1.167	1.140		48900	50000	-2.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2693	0.2615		48600	50000	-2.9	20.0
Hexachlorobenzene	Ave	0.2980	0.2866		48100	50000	-3.8	20.0
Atrazine	Ave	0.1975	0.2158		54600	50000	9.3	20.0
Pentachlorophenol	QuaF	0.1479	0.1545		50600	50000	1.2	20.0
Phenanthrene	Ave	1.134	1.123		49500	50000	-1.0	20.0
Anthracene	Ave	1.149	1.095		47700	50000	-4.7	20.0
n-Octadecane	Ave	0.6031	0.5312		44000	50000	-11.9	20.0
Carbazole	Ave	0.8417	0.8953		53200	50000	6.4	20.0
Di-n-butyl phthalate	Ave	0.9579	1.036		54100	50000	8.1	20.0
Fluoranthene	Ave	0.8794	0.9689		55100	50000	10.2	20.0
Benzidine	Ave	0.0757	0.0452		29900	50000	-40.3*	20.0
Pyrene	Ave	1.621	1.583		48800	50000	-2.3	20.0
Butyl benzyl phthalate	Ave	0.5155	0.5347		51900	50000	3.7	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1814	0.2139		589	500	17.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVIS 460-69101/2 Calibration Date: 03/31/2011 02:39

Instrument ID: BNAMS11 Calib Start Date: 03/21/2011 11:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2011 13:13

Lab File ID: z15578.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.3813	0.3410		44700	50000	-10.6	20.0
Benzo[a]anthracene	Ave	1.089	1.048		48100	50000	-3.8	20.0
3,3'-Dichlorobenzidine	Ave	0.3256	0.3221		49500	50000	-1.1	20.0
Chrysene	Ave	1.076	1.064		49400	50000	-1.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.6477	0.6701		51700	50000	3.5	20.0
Di-n-octyl phthalate	QuaF	1.105	1.381		55000	50000	10.0	20.0
Benzo[b]fluoranthene	Ave	1.104	1.242		56200	50000	12.5	20.0
Benzo[k]fluoranthene	Ave	1.333	1.376		51600	50000	3.2	20.0
Benzo[a]pyrene	QuaF	0.9134	0.999		51500	50000	2.9	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.8057	0.8130		47800	50000	-4.5	20.0
Dibenz(a,h)anthracene	QuaF	0.8134	0.8349		48600	50000	-2.7	20.0
Benzo[g,h,i]perylene	Ave	0.9720	0.9008		46300	50000	-7.3	20.0
2-Fluorophenol	Ave	1.244	1.240		49800	50000	-0.3	20.0
Phenol-d5	Ave	1.451	1.485		51100	50000	2.3	20.0
Nitrobenzene-d5	Ave	0.4191	0.4174		49800	50000	-0.4	20.0
2-Fluorobiphenyl	Ave	1.568	1.509		48100	50000	-3.8	20.0
2,4,6-Tribromophenol	Ave	0.1668	0.1835		55000	50000	10.0	20.0
Terphenyl-d14	Ave	1.079	1.125		52100	50000	4.3	20.0

Data File: /chem/BNAMS11.i/8270/03-04-11/21mar11.b/z15276.d
Report Date: 21-Mar-2011 12:20

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-04-11/21mar11.b/z15276.d
Lab Smp Id: DFTPP-697155
Inj Date : 21-MAR-2011 10:59
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-697155
Misc Info : 25 ppm dftpp bna 4517
Comment :
Method : /chem/BNAMS11.i/8270/03-04-11/21mar11.b/BNADFTPP.m
Meth Date : 04-Mar-2011 12:53 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
3.486	3.700	-0.214	198	15561			0.00- 100.00	100.00
3.486	3.700	-0.214	51	6525			30.00- 60.00	41.93
3.486	3.700	-0.214	68	0			0.00- 2.00	0.00
3.486	3.700	-0.214	69	7063			0.00- 0.00	45.39
3.486	3.700	-0.214	70	0			0.00- 2.00	0.00
3.486	3.700	-0.214	127	7726			40.00- 60.00	49.65
3.486	3.700	-0.214	197	0			0.00- 1.00	0.00
3.486	3.700	-0.214	199	992			5.00- 9.00	6.37
3.486	3.700	-0.214	275	4440			10.00- 30.00	28.53
3.486	3.700	-0.214	365	537			1.00- 0.00	3.45
3.486	3.700	-0.214	441	1672			0.01- 100.00	79.54
3.486	3.700	-0.214	442	11902			40.00- 110.00	76.49
3.486	3.700	-0.214	443	2102			17.00- 23.00	17.66

Data File: z15276.d

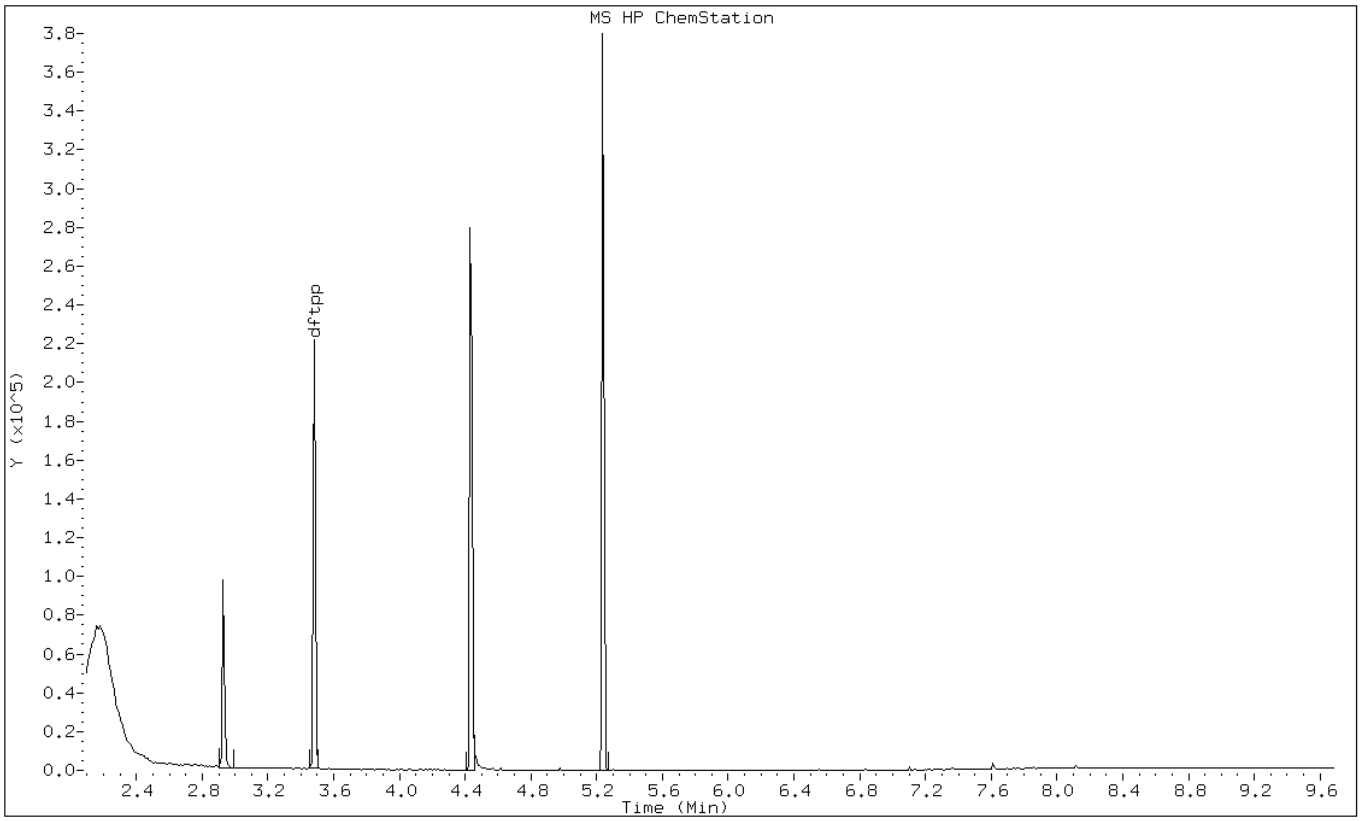
Date: 21-MAR-2011 10:59

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-697155

Operator: BNA2



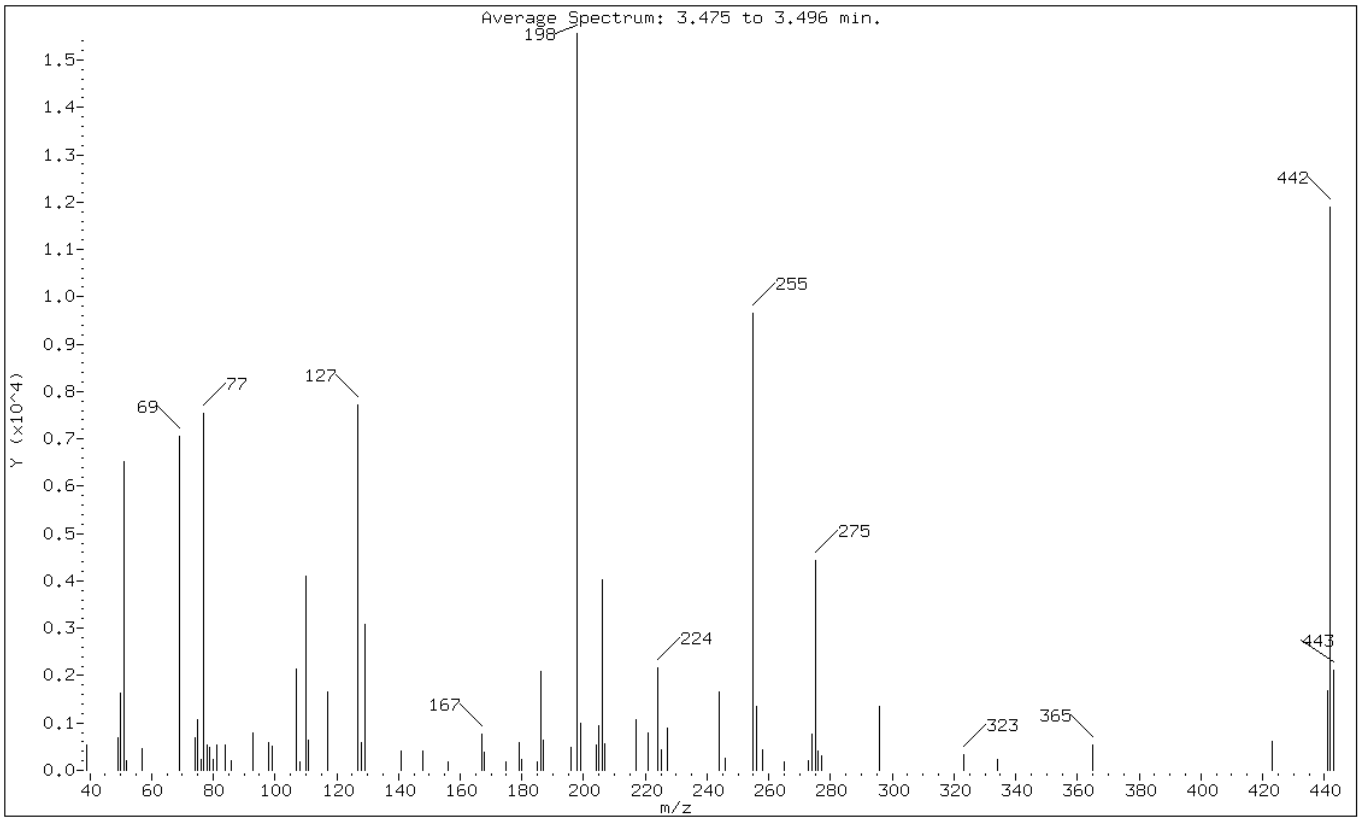
Data File: z15276.d

Date: 21-MAR-2011 10:59

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-697155 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	41.93
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	45.39
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.65
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.37
275	10.00 - 30.00% of mass 198	28.53
365	Greater than 1.00% of mass 198	3.45
441	0.01 - 100.00% of mass 443	10.74 (79.54)
442	40.00 - 110.00% of mass 198	76.49
443	17.00 - 23.00% of mass 442	13.51 (17.66)

Data File: z15276.d

Date: 21-MAR-2011 10:59

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-21-11/21mar11.b/z15276.d
Spectrum: Average Spectrum: 3.475 to 3.496 min.
Location of Maximum: 198.00
Number of points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	525	98.00	586	185.00	181	256.00	1361
49.00	700	99.00	521	186.00	2091	258.00	434
50.00	1621	107.00	2146	187.00	625	265.00	182
51.00	6525	108.00	176	196.00	495	273.00	209
52.00	197	110.00	4108	198.00	15561	274.00	767
57.00	455	111.00	633	199.00	992	275.00	4440
69.00	7063	117.00	1645	204.00	544	276.00	398
74.00	687	127.00	7726	205.00	935	277.00	293
75.00	1079	128.00	592	206.00	4022	296.00	1353
76.00	231	129.00	3093	207.00	550	323.00	342
77.00	7537	141.00	407	217.00	1065	334.00	224
78.00	544	148.00	398	221.00	783	365.00	537
79.00	488	156.00	181	224.00	2160	423.00	615
80.00	223	167.00	758	225.00	423	441.00	1672
81.00	541	168.00	375	227.00	902	442.00	11902
84.00	530	175.00	182	244.00	1660	443.00	2102
86.00	193	179.00	586	246.00	249		
93.00	797	180.00	237	255.00	9656		

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15577.d
Report Date: 31-Mar-2011 03:45

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15577.d
Lab Smp Id: DFTPP-697155
Inj Date : 31-MAR-2011 02:30
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-697155
Misc Info : 25 ppm dftpp bna 4517
Comment :
Method : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/BNADFTPP.m
Meth Date : 04-Mar-2011 12:53 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	====	========	=======	=======	============	=====
1 dftpp						CAS #:		
3.237	3.700	-0.463	198	24300			0.00- 100.00	100.00
3.237	3.700	-0.463	51	10323			30.00- 60.00	42.48
3.237	3.700	-0.463	68	0			0.00- 2.00	0.00
3.237	3.700	-0.463	69	11364			0.00- 0.00	46.77
3.237	3.700	-0.463	70	0			0.00- 2.00	0.00
3.237	3.700	-0.463	127	12496			40.00- 60.00	51.42
3.237	3.700	-0.463	197	0			0.00- 1.00	0.00
3.237	3.700	-0.463	199	1602			5.00- 9.00	6.59
3.237	3.700	-0.463	275	7004			10.00- 30.00	28.82
3.237	3.700	-0.463	365	1112			1.00- 0.00	4.58
3.237	3.700	-0.463	441	2635			0.01- 100.00	82.06
3.237	3.700	-0.463	442	16856			40.00- 110.00	69.37
3.237	3.700	-0.463	443	3211			17.00- 23.00	19.05

Data File: z15577.d

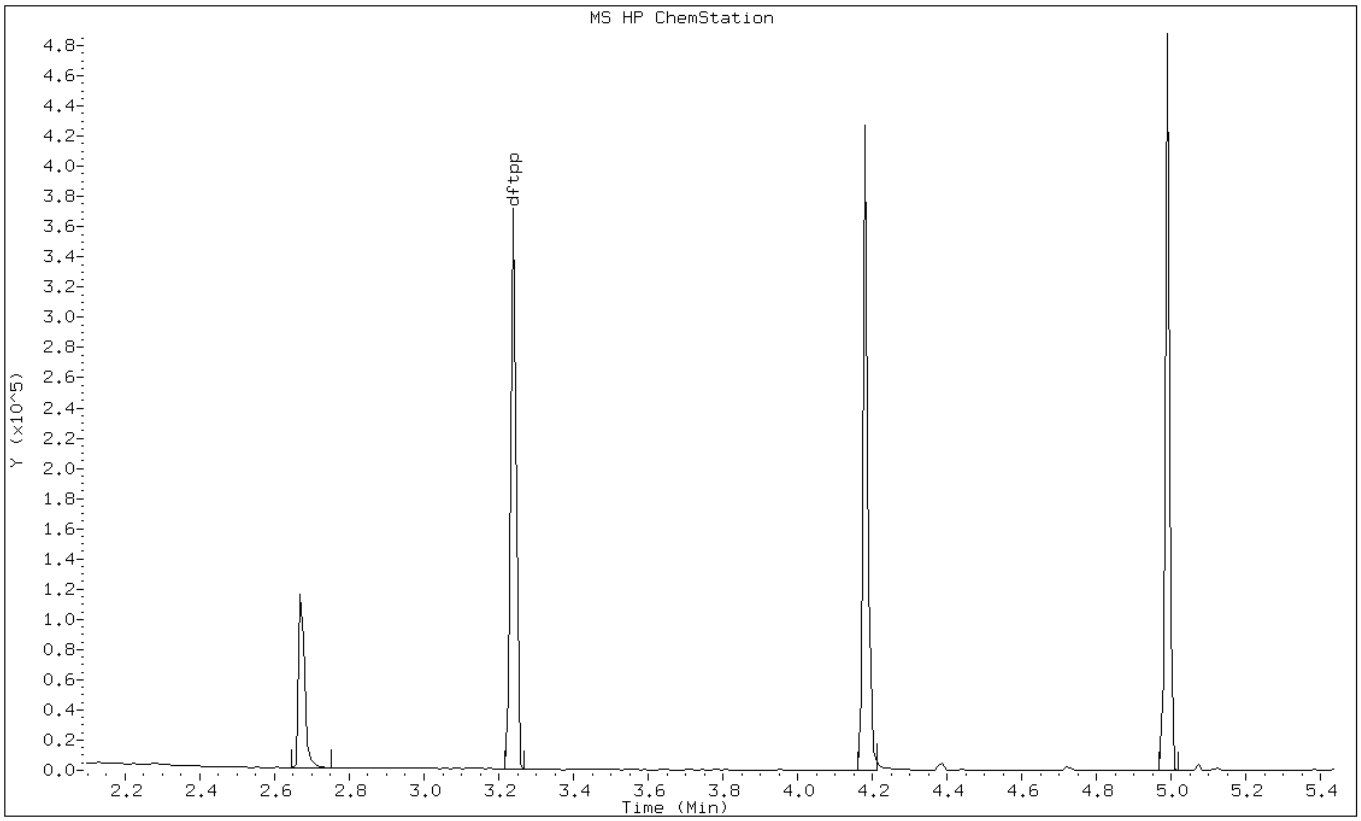
Date: 31-MAR-2011 02:30

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-697155

Operator: BNA2



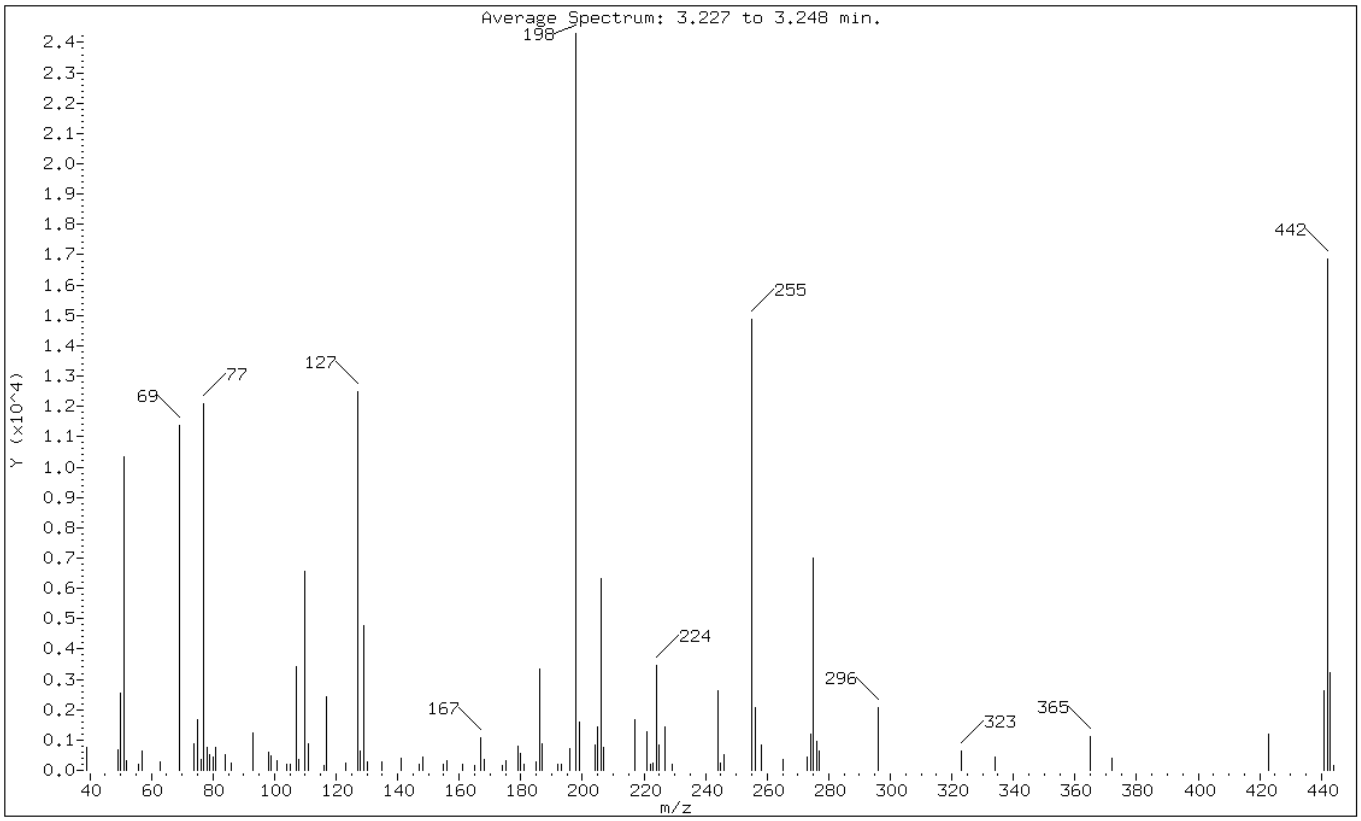
Data File: z15577.d

Date: 31-MAR-2011 02:30

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-697155 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	42.48
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	46.77
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.42
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.59
275	10.00 - 30.00% of mass 198	28.82
365	Greater than 1.00% of mass 198	4.58
441	0.01 - 100.00% of mass 443	10.84 (82.06)
442	40.00 - 110.00% of mass 198	69.37
443	17.00 - 23.00% of mass 442	13.21 (19.05)

Data File: z15577.d

Date: 31-MAR-2011 02:30

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15577.d
Spectrum: Average Spectrum: 3.227 to 3.248 min.
Location of Maximum: 198.00
Number of points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	761	105.00	207	179.00	792	245.00	221
49.00	688	107.00	3400	180.00	573	246.00	509
50.00	2537	108.00	355	181.00	206	255.00	14889
51.00	10323	110.00	6545	185.00	267	256.00	2074
52.00	329	111.00	869	186.00	3324	258.00	847
56.00	203	116.00	171	187.00	874	265.00	375
57.00	645	117.00	2432	192.00	201	273.00	444
63.00	269	123.00	227	193.00	192	274.00	1181
69.00	11364	127.00	12496	196.00	705	275.00	7004
74.00	862	128.00	627	198.00	24296	276.00	945
75.00	1669	129.00	4784	199.00	1602	277.00	618
76.00	377	130.00	272	204.00	836	296.00	2062
77.00	12089	135.00	277	205.00	1443	323.00	633
78.00	746	141.00	413	206.00	6330	334.00	444
79.00	522	147.00	200	207.00	767	365.00	1112
80.00	447	148.00	443	217.00	1688	372.00	399
81.00	773	155.00	190	221.00	1280	423.00	1184
84.00	534	156.00	319	222.00	183	441.00	2635
86.00	247	161.00	180	223.00	221	442.00	16856
93.00	1243	165.00	168	224.00	3461	443.00	3211
98.00	579	167.00	1087	225.00	842	444.00	176
99.00	497	168.00	373	227.00	1437		
101.00	299	174.00	168	229.00	201		
104.00	208	175.00	303	244.00	2611		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69007/1-A

Matrix: Solid | Lab File ID: z15581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 03:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	40
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
106-44-5	4-Methylphenol	330	U	330	54
100-52-7	Benzaldehyde	330	U	330	21
98-86-2	Acetophenone	330	U	330	49
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
98-95-3	Nitrobenzene	33	U	33	7.4
67-72-1	Hexachloroethane	33	U	33	5.6
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
120-83-2	2,4-Dichlorophenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	55
91-57-6	2-Methylnaphthalene	330	U	330	48
118-74-1	Hexachlorobenzene	33	U	33	4.6
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	Diphenyl	330	U	330	54
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	90
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
131-11-3	Dimethyl phthalate	330	U	330	45
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69007/1-A

Matrix: Solid | Lab File ID: z15581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 03:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
51-28-5	2,4-Dinitrophenol	1000	U	1000	70
132-64-9	Dibenzofuran	330	U	330	50
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
206-44-0	Fluoranthene	330	U	330	55
84-74-2	Di-n-butyl phthalate	330	U	330	51
121-14-2	2,4-Dinitrotoluene	67	U	67	9.6
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
1912-24-9	Atrazine	330	U	330	62
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
85-01-8	Phenanthrene	330	U	330	58
87-86-5	Pentachlorophenol	1000	U	1000	160
129-00-0	Pyrene	330	U	330	57
218-01-9	Chrysene	330	U	330	48
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
191-24-2	Benzo[g,h,i]perylene	330	U	330	35
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
50-32-8	Benzo[a]pyrene	33	U	33	4.1
56-55-3	Benzo[a]anthracene	33	U	33	6.1
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
85-68-7	Butyl benzyl phthalate	330	U	330	39
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	330	44
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69007/1-A

Matrix: Solid | Lab File ID: z15581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 03:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	75		16-151
118-79-6	2,4,6-Tribromophenol	83		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	69		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69007/1-A

Matrix: Solid | Lab File ID: z15581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 03:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 7800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.14	7800	A J

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15581.d
Report Date: 31-Mar-2011 12:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15581.d
Lab Smp Id: MB 460-69007/1-A
Inj Date : 31-MAR-2011 03:53
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-69007/1-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.357	1.322	(0.570)	952546	71.0982	4700
$ 17 Phenol-d5 (SUR)	99	2.145	2.151	(0.901)	1227211	78.5138	5200
* 79 1,4-Dichlorobenzene-d4	152	2.381	2.387	(1.000)	430770	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	2.957	2.975	(0.796)	633194	36.7358	2400
* 80 Naphthalene-d8	136	3.716	3.728	(1.000)	1645272	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.881	4.887	(0.889)	1130345	34.3480	2300
* 82 Acenaphthene-d10	164	5.492	5.498	(1.000)	839302	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.263	6.269	(1.140)	289817	82.8054	5500
* 83 Phenanthrene-d10	188	6.910	6.910	(1.000)	1114383	40.0000	
$ 78 Terphenyl-d14	244	8.492	8.492	(0.900)	719966	37.6018	2500
* 81 Chrysene-d12	240	9.433	9.433	(1.000)	709796	40.0000	
* 84 Perylene-d12	264	10.745	10.745	(1.000)	500795	40.0000	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15581.d
Report Date: 31-Mar-2011 12:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15581.d
Lab Smp Id: MB 460-69007/1-A
Inj Date : 31-MAR-2011 03:53
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-69007/1-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	2.381	2627315	40.000

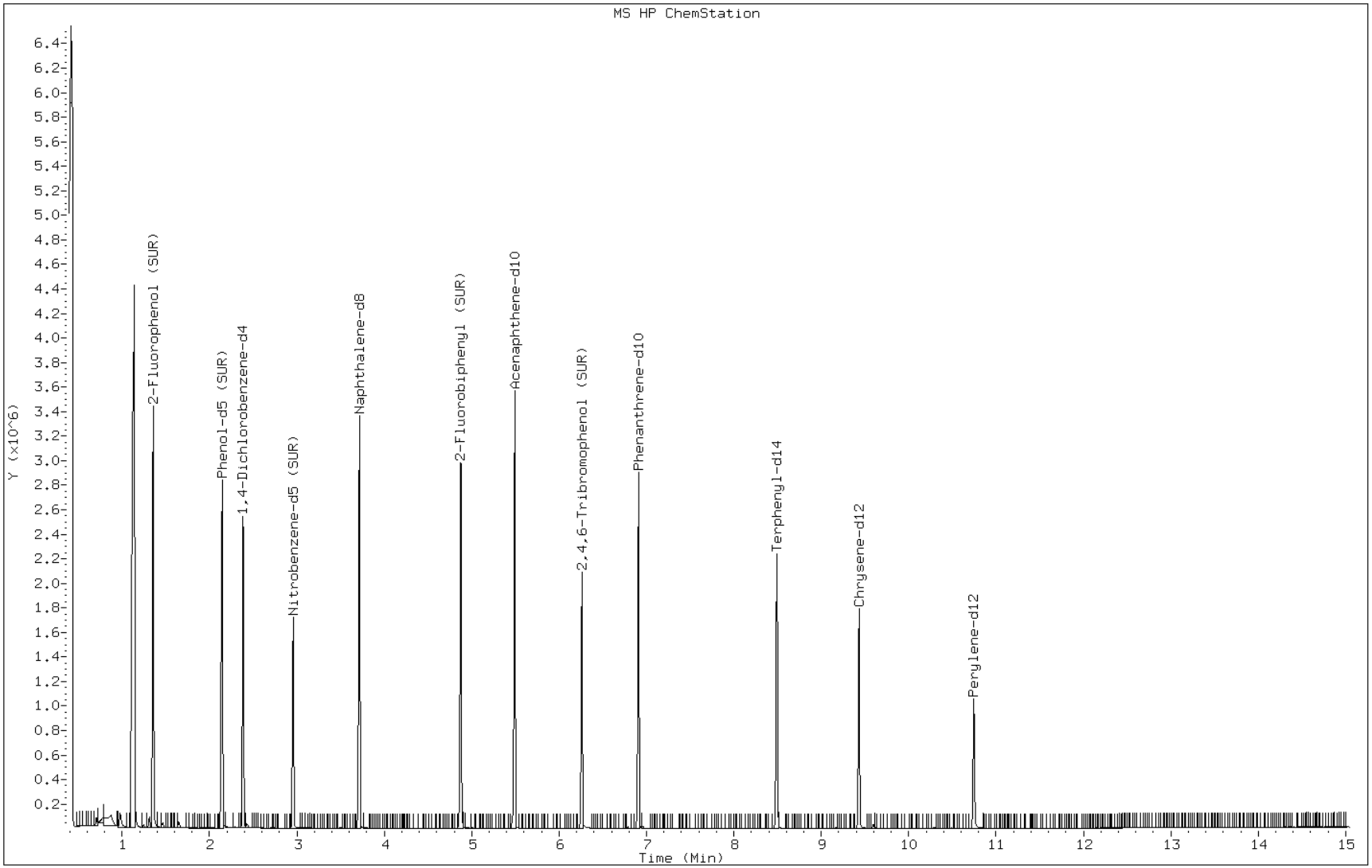
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aldol Condensate					CAS #:		
1.140	7696571	117.177745	7800	0		0	79

Data File: z15581.d

Date: 31-MAR-2011 03:53

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-69007/1-A Operator: BNAMS 4



Data File: z15581.d

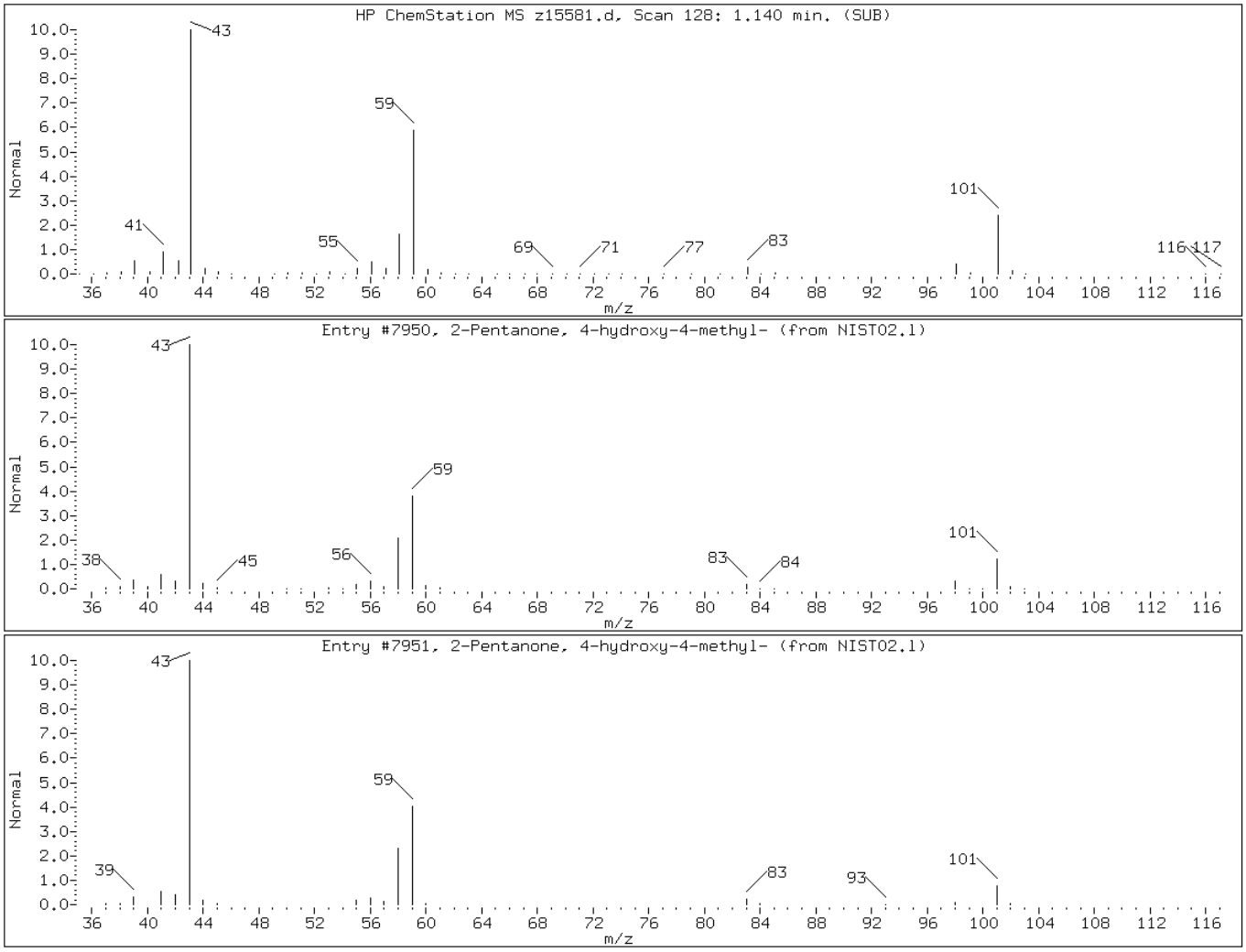
Date: 31-MAR-2011 03:53

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-69007/1-A Operator: BNAMS 4

Retention Time: 1.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	40	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69007/2-A

Matrix: Solid | Lab File ID: z15580.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.96(g) | Date Analyzed: 03/31/2011 03:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5440		330	41
95-57-8	2-Chlorophenol	5140		330	44
95-48-7	2-Methylphenol	5560		330	48
106-44-5	4-Methylphenol	5490		330	54
100-52-7	Benzaldehyde	4310		330	21
98-86-2	Acetophenone	2920		330	49
111-44-4	Bis(2-chloroethyl)ether	2650		33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	2960		330	44
621-64-7	N-Nitrosodi-n-propylamine	3250		33	4.4
98-95-3	Nitrobenzene	2650		33	7.4
67-72-1	Hexachloroethane	2640		33	5.6
78-59-1	Isophorone	2580		330	38
88-75-5	2-Nitrophenol	5500		330	55
105-67-9	2,4-Dimethylphenol	5310		330	53
120-83-2	2,4-Dichlorophenol	5320		330	53
111-91-1	Bis(2-chloroethoxy)methane	2870		330	47
91-20-3	Naphthalene	2660		330	49
106-47-8	4-Chloroaniline	1800		330	42
87-68-3	Hexachlorobutadiene	2660		67	13
105-60-2	Caprolactam	2820		330	46
59-50-7	4-Chloro-3-methylphenol	5840		330	56
91-57-6	2-Methylnaphthalene	4670		330	48
118-74-1	Hexachlorobenzene	2800		33	4.6
77-47-4	Hexachlorocyclopentadiene	2540		330	97
88-06-2	2,4,6-Trichlorophenol	5400		330	59
95-95-4	2,4,5-Trichlorophenol	5530		330	64
92-52-4	Diphenyl	2710		330	55
91-58-7	2-Chloronaphthalene	2650		330	47
88-74-4	2-Nitroaniline	2920		670	91
606-20-2	2,6-Dinitrotoluene	3340		67	8.4
131-11-3	Dimethyl phthalate	2970		330	45
208-96-8	Acenaphthylene	2650		330	47
99-09-2	3-Nitroaniline	2080		670	75
83-32-9	Acenaphthene	2750		330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69007/2-A

Matrix: Solid | Lab File ID: z15580.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.96(g) | Date Analyzed: 03/31/2011 03:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6510		1000	85
51-28-5	2,4-Dinitrophenol	6230		1000	70
132-64-9	Dibenzofuran	2790		330	50
84-66-2	Diethyl phthalate	3050		330	45
86-73-7	Fluorene	2860		330	56
206-44-0	Fluoranthene	3230		330	55
84-74-2	Di-n-butyl phthalate	3210		330	51
121-14-2	2,4-Dinitrotoluene	3290		67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	2930		330	57
100-01-6	4-Nitroaniline	3700		670	68
534-52-1	4,6-Dinitro-2-methylphenol	5850		1000	160
101-55-3	4-Bromophenyl phenyl ether	2770		330	59
1912-24-9	Atrazine	2970		330	62
120-12-7	Anthracene	2630		330	59
86-74-8	Carbazole	3090		330	53
85-01-8	Phenanthrene	2850		330	58
87-86-5	Pentachlorophenol	5790		1000	160
129-00-0	Pyrene	2600		330	57
218-01-9	Chrysene	2710		330	48
207-08-9	Benzo[k]fluoranthene	2610		33	4.6
191-24-2	Benzo[g,h,i]perylene	2770		330	35
205-99-2	Benzo[b]fluoranthene	2830		33	4.9
50-32-8	Benzo[a]pyrene	2800		33	4.1
56-55-3	Benzo[a]anthracene	2800		33	6.1
86-30-6	N-Nitrosodiphenylamine	2840		330	54
85-68-7	Butyl benzyl phthalate	2920		330	39
117-81-7	Bis(2-ethylhexyl) phthalate	3040		330	44
117-84-0	Di-n-octyl phthalate	2780		330	39
193-39-5	Indeno[1,2,3-cd]pyrene	2960		33	5.3
53-70-3	Dibenz(a,h)anthracene	2990		33	4.0
91-94-1	3,3'-Dichlorobenzidine	2210		670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	2590		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	3110		330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69007/2-A

Matrix: Solid | Lab File ID: z15580.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.96(g) | Date Analyzed: 03/31/2011 03:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	75		16-151
118-79-6	2,4,6-Tribromophenol	88		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15580.d
Report Date: 31-Mar-2011 12:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15580.d
Lab Smp Id: LCS 460-69007/2-A
Inj Date : 31-MAR-2011 03:31
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-69007/2-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 4 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
106	1,4-Dioxane	88	0.481	0.446	(0.201)	48573	14.5906	970
19	N-Nitrosodimethylamine	74	0.575	0.534	(0.241)	250462	34.3237	2300
71	Pyridine	79	0.587	0.546	(0.246)	362247	27.6504	1800
$ 16	2-Fluorophenol (SUR)	112	1.351	1.322	(0.566)	793178	70.3511	4700
110	Benzaldehyde	77	1.981	1.975	(0.830)	279556	64.4820	4300
73	Aniline	93	2.098	2.093	(0.879)	520180	30.4619	2000
$ 17	Phenol-d5 (SUR)	99	2.157	2.151	(0.904)	1000190	76.0391	5100
1	Phenol	94	2.169	2.163	(0.909)	1132934	81.3468	5400
20	bis(2-Chloroethyl)ether	93	2.198	2.193	(0.921)	506494	39.5833	2600
2	2-Chlorophenol	128	2.204	2.204	(0.924)	935345	76.8816	5100
113	n-decane	43	2.304	2.304	(0.965)	483300	36.0790	2400
21	1,3-Dichlorobenzene	146	2.328	2.328	(0.975)	581922	38.4525	2600
* 79	1,4-Dichlorobenzene-d4	152	2.387	2.387	(1.000)	362508	40.0000	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15580.d
Report Date: 31-Mar-2011 12:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
22	1,4-Dichlorobenzene	146	2.404	2.404	(1.007)	579311	38.5870	2600
23	1,2-Dichlorobenzene	146	2.540	2.546	(1.064)	568177	39.9969	2700
74	Benzyl Alcohol	108	2.581	2.587	(1.081)	333024	47.2483	3100
24	bis (2-chloroisopropyl) ether	45	2.716	2.722	(1.138)	681530	44.3520	3000
3	2-Methylphenol	108	2.740	2.751	(1.148)	859229	83.1839	5500
104	Acetophenone	105	2.834	2.840	(1.187)	652087	43.7251	2900
25	N-Nitroso-di-n-propylamine	70	2.875	2.875	(1.205)	369299	48.6356	3200
4	4-Methylphenol	108	2.928	2.928	(1.227)	819483	82.1925	5500(A)
123	3 & 4 Methylphenol	108	2.928	2.928	(1.227)	819483	99.5751	6600(A)
26	Hexachloroethane	117	2.875	2.881	(1.205)	216203	39.5251	2600
$ 76	Nitrobenzene-d5 (SUR)	82	2.969	2.975	(0.798)	517641	37.3468	2500
27	Nitrobenzene	77	2.993	2.998	(0.804)	730372	39.6522	2600
107	N,N-Dimethylaniline	120	3.004	3.010	(1.259)	725432	40.8547	2700
28	Isophorone	82	3.292	3.281	(0.885)	805421	38.5875	2600
5	2-Nitrophenol	139	3.345	3.340	(0.899)	569545	82.2200	5500
6	2,4-Dimethylphenol	122	3.492	3.487	(0.938)	822284	79.4772	5300
29	bis(2-Chloroethoxy)methane	93	3.569	3.569	(0.959)	574155	42.9335	2900
7	2,4-Dichlorophenol	162	3.634	3.628	(0.976)	744330	79.5503	5300
15	Benzoic Acid	122	3.810	3.740	(1.024)	521881	106.897	7100
30	1,2,4-Trichlorobenzene	180	3.687	3.687	(0.991)	475682	40.2148	2700
* 80	Naphthalene-d8	136	3.722	3.728	(1.000)	1323018	40.0000	
31	Naphthalene	128	3.745	3.745	(1.006)	1443867	39.8182	2600
32	4-Chloroaniline	127	3.857	3.857	(1.036)	329672	26.9625	1800
33	Hexachlorobutadiene	225	3.922	3.922	(1.054)	271264	39.7237	2600
111	Caprolactam	113	4.316	4.298	(1.160)	83904	42.2358	2800
8	4-Chloro-3-methylphenol	107	4.457	4.451	(1.198)	687991	87.3250	5800
34	2-Methylnaphthalene	142	4.475	4.475	(1.202)	1452204	69.8445	4600(R)
35	Hexachlorocyclopentadiene	237	4.657	4.657	(0.847)	235014	38.0590	2500
129	1,2,4,5-Tetrachlorobenzene	216	4.657	4.657	(0.847)	429975	38.7158	2600
9	2,4,6-Trichlorophenol	196	4.810	4.804	(0.875)	505291	80.8439	5400
10	2,4,5-Trichlorophenol	196	4.845	4.845	(0.881)	524350	82.7878	5500
$ 77	2-Fluorobiphenyl (SUR)	172	4.881	4.887	(0.888)	897423	36.4418	2400
102	Diphenyl	154	4.969	4.969	(0.904)	1020250	40.5042	2700
36	2-Chloronaphthalene	162	4.957	4.957	(0.902)	772975	39.6749	2600
103	Diphenyl Ether	170	5.081	5.081	(0.924)	566419	40.0251	2700
37	2-Nitroaniline	65	5.098	5.104	(0.927)	262561	43.6452	2900
38	Dimethylphthalate	163	5.334	5.334	(0.970)	766106	44.3899	3000
40	2,6-Dinitrotoluene	165	5.369	5.369	(0.976)	191080	49.9675	3300
39	Acenaphthylene	152	5.345	5.351	(0.972)	1150388	39.6922	2600
41	3-Nitroaniline	138	5.510	5.516	(1.002)	119931	31.0840	2100
* 82	Acenaphthene-d10	164	5.498	5.498	(1.000)	628066	40.0000	
42	Acenaphthene	154	5.528	5.528	(1.005)	698995	41.1961	2700
11	2,4-Dinitrophenol	184	5.628	5.628	(1.024)	193937	93.2547	6200
43	Dibenzofuran	168	5.698	5.698	(1.036)	1021533	41.6735	2800
12	4-Nitrophenol	65	5.775	5.769	(1.050)	255220	97.4163	6500
44	2,4-Dinitrotoluene	165	5.751	5.757	(1.046)	219657	49.1590	3300
130	2,3,4,6-Tetrachlorophenol	232	5.857	5.857	(1.065)	200293	46.4814	3100

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15580.d
Report Date: 31-Mar-2011 12:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	45 Diethylphthalate	149	6.033	6.034	(1.097)	664462	45.6966	3000
	47 Fluorene	166	6.028	6.028	(1.096)	785421	42.7359	2800
	46 4-Chlorophenyl-phenylether	204	6.075	6.075	(1.105)	407120	43.8881	2900
	48 4-Nitroaniline	138	6.110	6.110	(1.111)	154695	55.3555	3700(R)
	13 4,6-Dinitro-2-methylphenol	198	6.151	6.145	(0.889)	256711	87.5607	5800
	49 N-Nitrosodiphenylamine	169	6.204	6.204	(0.897)	516100	42.5519	2800
	75 1,2-Diphenylhydrazine	77	6.222	6.222	(0.900)	942904	40.4398	2700
$	18 2,4,6-Tribromophenol (SUR)	330	6.269	6.269	(1.140)	230815	88.1276	5900
	50 4-Bromophenyl-phenylether	248	6.533	6.534	(0.945)	223027	41.4534	2800
	51 Hexachlorobenzene	284	6.563	6.563	(0.949)	249410	41.8929	2800
	112 Atrazine	200	6.769	6.769	(0.979)	175307	44.4210	3000
	14 Pentachlorophenol	266	6.775	6.775	(0.980)	288396	86.6225	5800
*	83 Phenanthrene-d10	188	6.916	6.910	(1.000)	799142	40.0000	
	115 n-Octadecane	57	6.986	6.986	(1.010)	463431	38.4626	2600
	52 Phenanthrene	178	6.933	6.933	(1.003)	964204	42.5649	2800
	53 Anthracene	178	6.980	6.981	(1.009)	903824	39.3766	2600
	54 Carbazole	167	7.175	7.175	(1.037)	778432	46.2912	3100
	55 Di-n-butylphthalate	149	7.610	7.610	(1.100)	919899	48.0666	3200
	56 Fluoranthene	202	8.063	8.063	(1.166)	849889	48.3713	3200
	58 Benzidine	184	8.251	8.263	(1.193)	48844	32.2938	2200(R)
	57 Pyrene	202	8.263	8.263	(0.875)	835881	38.8553	2600
$	78 Terphenyl-d14	244	8.492	8.492	(0.900)	537009	37.4912	2500
	59 Butylbenzylphthalate	149	9.022	9.022	(0.956)	298430	43.6086	2900
	124 Carbamazepine	193	9.027	9.057	(0.956)	2857	0.56439	38(a)
	61 Benzo(a)anthracene	228	9.427	9.427	(0.999)	605451	41.8787	2800
	60 3,3'-Dichlorobenzidine	252	9.457	9.457	(1.002)	143078	33.1073	2200
*	81 Chrysene-d12	240	9.439	9.433	(1.000)	530986	40.0000	
	62 Chrysene	228	9.457	9.457	(1.002)	580076	40.6017	2700
	63 bis(2-Ethylhexyl)phthalate	149	9.627	9.622	(1.020)	391366	45.5193	3000
	64 Di-n-octylphthalate	149	10.221	10.216	(0.951)	528390	41.5908	2800
	65 Benzo(b)fluoranthene	252	10.404	10.398	(0.968)	477456	42.2737	2800(M)
	66 Benzo(k)fluoranthene	252	10.427	10.421	(0.970)	532385	39.0556	2600
	67 Benzo(a)pyrene	252	10.692	10.686	(0.995)	411203	41.8860	2800
*	84 Perylene-d12	264	10.751	10.745	(1.000)	409177	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	11.821	11.816	(1.100)	383454	44.3155	3000
	69 Dibenz(a,h)anthracene	278	11.863	11.857	(1.103)	389456	44.6995	3000
	70 Benzo(g,h,i)perylene	276	12.080	12.074	(1.124)	411557	41.3916	2800

QC Flag Legend

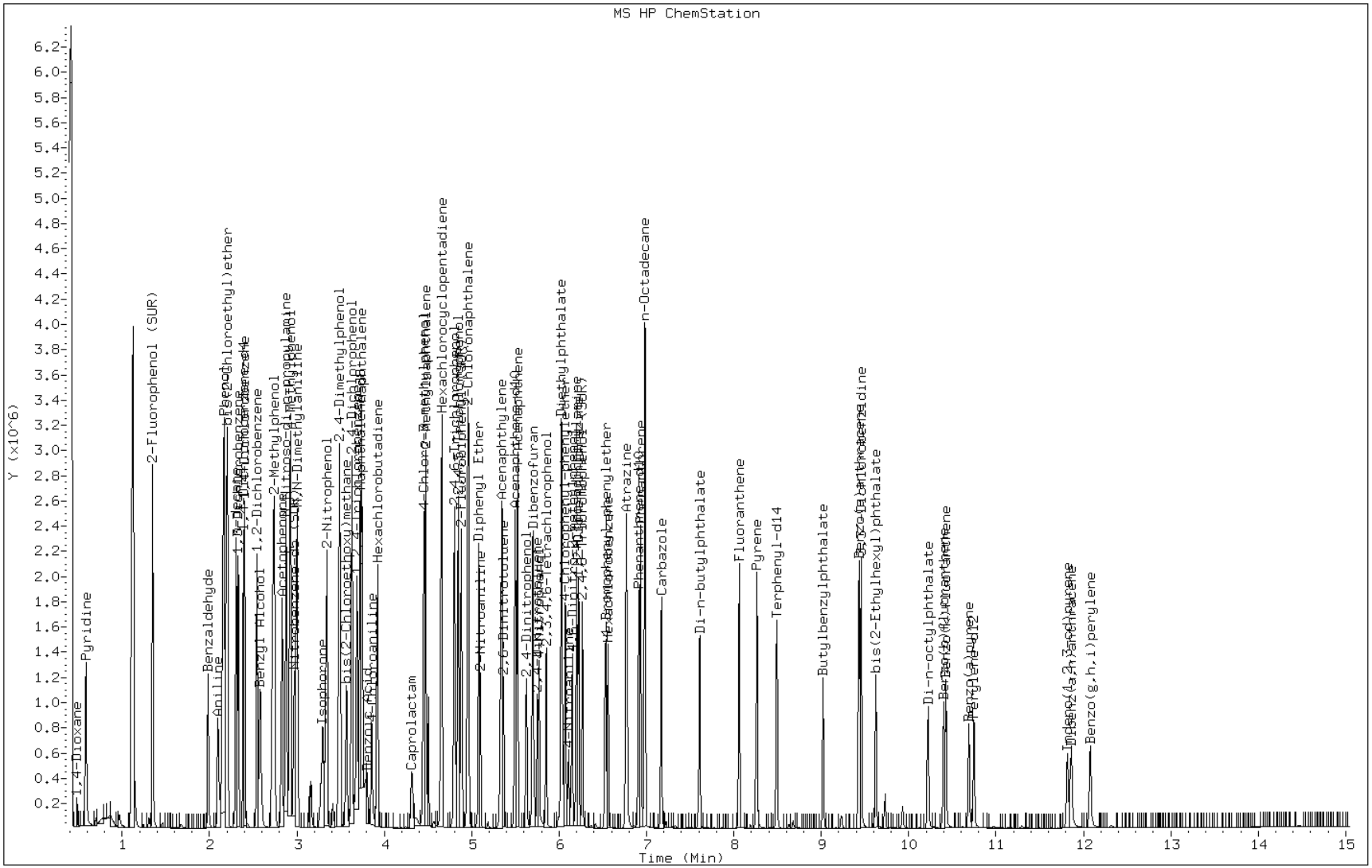
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: z15580.d

Date: 31-MAR-2011 03:31

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-69007/2-A Operator: BNAMS 4



Manual Integration Report

Data File: z15580.d
Inj. Date and Time: 31-MAR-2011 03:31
Instrument ID: BNAMS11.i
Client ID:
Compound: 65 Benzo(b)fluoranthene
CAS #: 205-99-2
Report Date: 03/31/2011

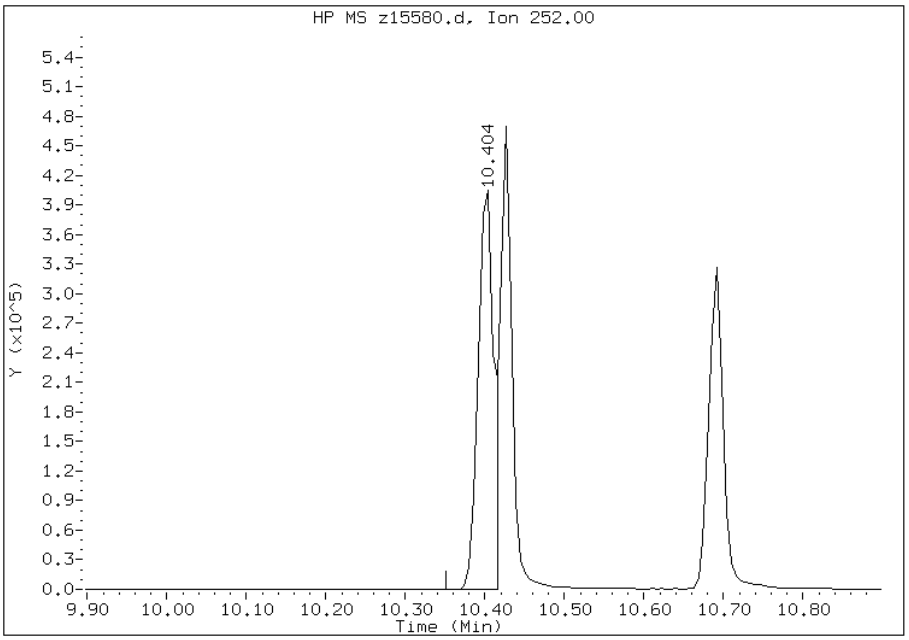
Processing Integration Results

RT: 10.40

Response: 562022

Amount: 50

Conc: 3317



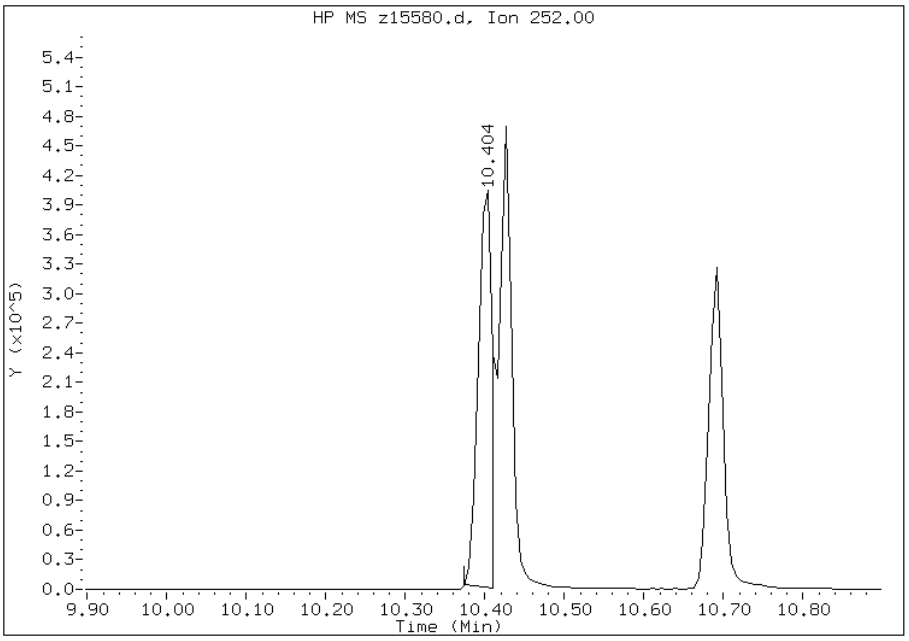
Manual Integration Results

RT: 10.40

Response: 477456

Amount: 42

Conc: 2818



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) MS | Lab Sample ID: 460-24279-1 MS

Matrix: Solid | Lab File ID: z15589.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5410		350	43
95-57-8	2-Chlorophenol	5100		350	47
95-48-7	2-Methylphenol	5510		350	50
106-44-5	4-Methylphenol	5480		350	57
100-52-7	Benzaldehyde	3070		350	22
98-86-2	Acetophenone	2910		350	52
111-44-4	Bis(2-chloroethyl)ether	2810		35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	2850		350	46
621-64-7	N-Nitrosodi-n-propylamine	3120		35	4.6
98-95-3	Nitrobenzene	2630		35	7.8
67-72-1	Hexachloroethane	2590		35	5.9
78-59-1	Isophorone	2950		350	40
88-75-5	2-Nitrophenol	5590		350	58
105-67-9	2,4-Dimethylphenol	5490		350	56
120-83-2	2,4-Dichlorophenol	5510		350	56
111-91-1	Bis(2-chloroethoxy)methane	2950		350	50
91-20-3	Naphthalene	2700		350	51
106-47-8	4-Chloroaniline	2150		350	44
87-68-3	Hexachlorobutadiene	2720		71	14
105-60-2	Caprolactam	2920		350	48
59-50-7	4-Chloro-3-methylphenol	5800		350	59
91-57-6	2-Methylnaphthalene	4700		350	51
118-74-1	Hexachlorobenzene	2970		35	4.9
77-47-4	Hexachlorocyclopentadiene	2640		350	100
88-06-2	2,4,6-Trichlorophenol	5430		350	63
95-95-4	2,4,5-Trichlorophenol	5710		350	67
92-52-4	Diphenyl	2820		350	58
91-58-7	2-Chloronaphthalene	2760		350	49
88-74-4	2-Nitroaniline	2910		710	96
606-20-2	2,6-Dinitrotoluene	3460		71	8.9
131-11-3	Dimethyl phthalate	3070		350	47
208-96-8	Acenaphthylene	2750		350	50
99-09-2	3-Nitroaniline	2520		710	79
83-32-9	Acenaphthene	2850		350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) MS | Lab Sample ID: 460-24279-1 MS

Matrix: Solid | Lab File ID: z15589.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	3900		1100	90
51-28-5	2,4-Dinitrophenol	6050		1100	74
132-64-9	Dibenzofuran	2890		350	53
84-66-2	Diethyl phthalate	3160		350	47
86-73-7	Fluorene	2930		350	59
206-44-0	Fluoranthene	3320		350	58
84-74-2	Di-n-butyl phthalate	3310		350	54
121-14-2	2,4-Dinitrotoluene	3450		71	10
7005-72-3	4-Chlorophenyl phenyl ether	3030		350	60
100-01-6	4-Nitroaniline	3770		710	72
534-52-1	4,6-Dinitro-2-methylphenol	5960		1100	170
101-55-3	4-Bromophenyl phenyl ether	2930		350	62
1912-24-9	Atrazine	2950		350	65
120-12-7	Anthracene	2700		350	62
86-74-8	Carbazole	3160		350	56
85-01-8	Phenanthrene	2920		350	61
87-86-5	Pentachlorophenol	5390		1100	170
129-00-0	Pyrene	2660		350	61
218-01-9	Chrysene	2830		350	51
207-08-9	Benzo[k]fluoranthene	2930		35	4.9
191-24-2	Benzo[g,h,i]perylene	2920		350	37
205-99-2	Benzo[b]fluoranthene	3240		35	5.2
50-32-8	Benzo[a]pyrene	2930		35	4.3
56-55-3	Benzo[a]anthracene	2860		35	6.5
86-30-6	N-Nitrosodiphenylamine	2990		350	57
85-68-7	Butyl benzyl phthalate	3050		350	41
117-81-7	Bis(2-ethylhexyl) phthalate	3210		350	46
117-84-0	Di-n-octyl phthalate	2980		350	42
193-39-5	Indeno[1,2,3-cd]pyrene	3010		35	5.6
53-70-3	Dibenz(a,h)anthracene	3080		35	4.2
91-94-1	3,3'-Dichlorobenzidine	2300		710	77
95-94-3	1,2,4,5-Tetrachlorobenzene	2770		350	47
58-90-2	2,3,4,6-Tetrachlorophenol	3210		350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) MS Lab Sample ID: 460-24279-1 MS

Matrix: Solid Lab File ID: z15589.d

Analysis Method: 8270C Date Collected: 03/17/2011 12:35

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 06:46

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		38-105
4165-62-2	Phenol-d5	72		41-118
1718-51-0	Terphenyl-d14	76		16-151
118-79-6	2,4,6-Tribromophenol	88		10-120
367-12-4	2-Fluorophenol	68		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) MSD | Lab Sample ID: 460-24279-1 MSD

Matrix: Solid | Lab File ID: z15590.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.03(g) | Date Analyzed: 03/31/2011 07:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5560		350	43
95-57-8	2-Chlorophenol	5330		350	47
95-48-7	2-Methylphenol	5800		350	50
106-44-5	4-Methylphenol	5700		350	57
100-52-7	Benzaldehyde	3340		350	22
98-86-2	Acetophenone	3020		350	52
111-44-4	Bis(2-chloroethyl)ether	2790		35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	2970		350	46
621-64-7	N-Nitrosodi-n-propylamine	3260		35	4.6
98-95-3	Nitrobenzene	2730		35	7.8
67-72-1	Hexachloroethane	2700		35	5.9
78-59-1	Isophorone	3040		350	40
88-75-5	2-Nitrophenol	5840		350	57
105-67-9	2,4-Dimethylphenol	5720		350	56
120-83-2	2,4-Dichlorophenol	5690		350	56
111-91-1	Bis(2-chloroethoxy)methane	3050		350	50
91-20-3	Naphthalene	2800		350	51
106-47-8	4-Chloroaniline	2110		350	44
87-68-3	Hexachlorobutadiene	2860		71	14
105-60-2	Caprolactam	2940		350	48
59-50-7	4-Chloro-3-methylphenol	6020		350	59
91-57-6	2-Methylnaphthalene	4880		350	51
118-74-1	Hexachlorobenzene	3050		35	4.8
77-47-4	Hexachlorocyclopentadiene	2710		350	100
88-06-2	2,4,6-Trichlorophenol	5490		350	63
95-95-4	2,4,5-Trichlorophenol	6240		350	67
92-52-4	Diphenyl	2890		350	58
91-58-7	2-Chloronaphthalene	2870		350	49
88-74-4	2-Nitroaniline	3030		710	96
606-20-2	2,6-Dinitrotoluene	3580		71	8.9
131-11-3	Dimethyl phthalate	3120		350	47
208-96-8	Acenaphthylene	2810		350	50
99-09-2	3-Nitroaniline	2460		710	79
83-32-9	Acenaphthene	2950		350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) MSD | Lab Sample ID: 460-24279-1 MSD

Matrix: Solid | Lab File ID: z15590.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.03(g) | Date Analyzed: 03/31/2011 07:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4290		1100	90
51-28-5	2,4-Dinitrophenol	6090		1100	74
132-64-9	Dibenzofuran	2960		350	53
84-66-2	Diethyl phthalate	3260		350	47
86-73-7	Fluorene	3020		350	59
206-44-0	Fluoranthene	3430		350	58
84-74-2	Di-n-butyl phthalate	3470		350	53
121-14-2	2,4-Dinitrotoluene	3530		71	10
7005-72-3	4-Chlorophenyl phenyl ether	3130		350	60
100-01-6	4-Nitroaniline	3900		710	72
534-52-1	4,6-Dinitro-2-methylphenol	6010		1100	170
101-55-3	4-Bromophenyl phenyl ether	3010		350	62
1912-24-9	Atrazine	3140		350	65
120-12-7	Anthracene	2790		350	62
86-74-8	Carbazole	3280		350	56
85-01-8	Phenanthrene	3010		350	61
87-86-5	Pentachlorophenol	5450		1100	170
129-00-0	Pyrene	2710		350	60
218-01-9	Chrysene	2970		350	51
207-08-9	Benzo[k]fluoranthene	3070		35	4.9
191-24-2	Benzo[g,h,i]perylene	2990		350	37
205-99-2	Benzo[b]fluoranthene	3190		35	5.2
50-32-8	Benzo[a]pyrene	3020		35	4.3
56-55-3	Benzo[a]anthracene	2980		35	6.5
86-30-6	N-Nitrosodiphenylamine	3040		350	57
85-68-7	Butyl benzyl phthalate	3160		350	41
117-81-7	Bis(2-ethylhexyl) phthalate	3350		350	46
117-84-0	Di-n-octyl phthalate	3070		350	42
193-39-5	Indeno[1,2,3-cd]pyrene	3170		35	5.6
53-70-3	Dibenz(a,h)anthracene	3130		35	4.2
91-94-1	3,3'-Dichlorobenzidine	2470		710	77
95-94-3	1,2,4,5-Tetrachlorobenzene	2810		350	47
58-90-2	2,3,4,6-Tetrachlorophenol	3280		350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) MSD Lab Sample ID: 460-24279-1 MSD

Matrix: Solid Lab File ID: z15590.d

Analysis Method: 8270C Date Collected: 03/17/2011 12:35

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 07:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		38-105
4165-62-2	Phenol-d5	74		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	91		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/21/2011 10:59

Analysis Batch Number: 68049 End Date: 03/21/2011 13:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-68049/1		03/21/2011 10:59	1	z15276.d	Rtx-5MS 0.25(mm)
ICIS 460-68049/2		03/21/2011 11:14	1	z15277.d	Rtx-5MS 0.25(mm)
IC 460-68049/3		03/21/2011 11:46	1	z15278.d	Rtx-5MS 0.25(mm)
IC 460-68049/4		03/21/2011 12:07	1	z15279.d	Rtx-5MS 0.25(mm)
IC 460-68049/5		03/21/2011 12:29	1	z15280.d	Rtx-5MS 0.25(mm)
IC 460-68049/6		03/21/2011 12:51	1	z15281.d	Rtx-5MS 0.25(mm)
IC 460-68049/7		03/21/2011 13:13	1	z15282.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/31/2011 02:30

Analysis Batch Number: 69101 End Date: 03/31/2011 13:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69101/1		03/31/2011 02:30	1	z15577.d	Rtx-5MS 0.25(mm)
CCVIS 460-69101/2		03/31/2011 02:39	1	z15578.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 03:10	1		Rtx-5MS 0.25(mm)
LCS 460-69007/2-A		03/31/2011 03:31	1	z15580.d	Rtx-5MS 0.25(mm)
MB 460-69007/1-A		03/31/2011 03:53	1	z15581.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 04:15	1		Rtx-5MS 0.25(mm)
460-24279-1	PMP-6-VD-E (3.5-4.0)	03/31/2011 04:36	1	z15583.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 04:58	1		Rtx-5MS 0.25(mm)
460-24279-3	PMP-6-SI-E (10.5-11.0)	03/31/2011 05:20	1	z15585.d	Rtx-5MS 0.25(mm)
460-24279-4	PMP3-VD-E (3.5-4.0)	03/31/2011 05:41	1	z15586.d	Rtx-5MS 0.25(mm)
460-24279-5	PMP-3-WT-E (8.0-8.5)	03/31/2011 06:03	1	z15587.d	Rtx-5MS 0.25(mm)
460-24279-6	PMP3-SI-E (10.5-11)	03/31/2011 06:25	1	z15588.d	Rtx-5MS 0.25(mm)
460-24279-1 MS	PMP-6-VD-E (3.5-4.0) MS	03/31/2011 06:46	1	z15589.d	Rtx-5MS 0.25(mm)
460-24279-1 MSD	PMP-6-VD-E (3.5-4.0) MSD	03/31/2011 07:08	1	z15590.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 07:30	1		Rtx-5MS 0.25(mm)
460-24279-9	PMP-7-SI-E (10.5-11)	03/31/2011 07:52	1	z15592.d	Rtx-5MS 0.25(mm)
460-24279-7	PMP-7-VD-E (3.5-4)	03/31/2011 08:57	1	z15595.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 09:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 09:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 10:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 10:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 10:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 11:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 11:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 11:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 12:11	1		Rtx-5MS 0.25(mm)
460-24279-8	PMP-7-WT-E (8-8.5)	03/31/2011 12:33	5	z15605.d	Rtx-5MS 0.25(mm)
460-24279-2 DL	PMP-6-WT-E (8.0-8.5) DL	03/31/2011 12:55	10	z15606.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 13:16	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 69007 Batch Start Date: 03/30/11 22:53 Batch Analyst: Huertas, Jaime

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Acid_SU 00013	OP_BN_SU 00016	OP8270SP 00018	
MB 460-69007/1		3541, 8270C		15.02 g	1 mL	500 uL	500 uL		
LCS 460-69007/2		3541, 8270C		14.96 g	1 mL	500 uL	500 uL	500 uL	
460-24279-F-1 MS	PMP-6-VD-E (3.5-4.0)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL	500 uL	
460-24279-F-1 MSD	PMP-6-VD-E (3.5-4.0)	3541, 8270C	T	15.03 g	1 mL	500 uL	500 uL	500 uL	
460-24279-F-1	PMP-6-VD-E (3.5-4.0)	3541, 8270C	T	15.04 g	1 mL	500 uL	500 uL		
460-24279-F-2	PMP-6-WT-E (8.0-8.5)	3541, 8270C	T	14.97 g	1 mL	500 uL	500 uL		
460-24279-F-3	PMP-6-SI-E (10.5-11.0)	3541, 8270C	T	14.98 g	1 mL	500 uL	500 uL		
460-24279-F-4	PMP3-VD-E (3.5-4.0)	3541, 8270C	T	14.95 g	1 mL	500 uL	500 uL		
460-24279-F-5	PMP-3-WT-E (8.0-8.5)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		
460-24279-F-6	PMP3-SI-E (10.5-11)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		
460-24279-F-7	PMP-7-VD-E (3.5-4)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		
460-24279-F-8	PMP-7-WT-E (8-8.5)	3541, 8270C	T	15.02 g	1 mL	500 uL	500 uL		
460-24279-F-9	PMP-7-SI-E (10.5-11)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		

Batch Notes	
Balance ID	60
Person's name who did the concentration	JH
First End time	00:30
Na2SO4 Lot Number	J21585
Person's name who did the prep	JH
Solvent	ACE/MECL2
First Start time	22:00

Basis	Basis Description
T	Total/NA

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
PMP-6-VD-E (3.5-4.0)	460-24279-1	105	100
PMP-6-WT-E (8.0-8.5)	460-24279-2	0 D X	0 D X
PMP-6-SI-E (10.5-11.0)	460-24279-3	0 D X	0 D X
PMP3-VD-E (3.5-4.0)	460-24279-4	106	
PMP-3-WT-E (8.0-8.5)	460-24279-5	98	94
PMP3-SI-E (10.5-11)	460-24279-6	111	105
PMP-7-VD-E (3.5-4)	460-24279-7	0 D X	0 D X
PMP-7-WT-E (8-8.5)	460-24279-8	0 D X	0 D X
PMP-7-SI-E (10.5-11)	460-24279-9	0 D X	0 D X
	MB 460-69030/1-A	127	122
	LCS 460-69030/2-A	126	119
	460-24281-A-31-A MS	124	118
	460-24281-A-31-B MSD	108	103

	QC LIMITS
DCB = DCB Decachlorobiphenyl	30-150

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171116.d

Lab ID: LCS 460-69030/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	409	123	60-144	
Aroclor 1260	333	393	118	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171116.d

Lab ID: LCS 460-69030/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	385	115	60-144	
Aroclor 1260	333	378	113	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171117.d

Lab ID: 460-24281-A-31-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	441	89 U	554	126	60-144	
Aroclor 1260	441	89 U	539	122	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171117.d

Lab ID: 460-24281-A-31-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	441	89 U	516	117	60-144	
Aroclor 1260	441	89 U	511	116	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171118.d

Lab ID: 460-24281-A-31-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	442	476	108	15	30	60-144	
Aroclor 1260	442	476	108	12	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171118.d

Lab ID: 460-24281-A-31-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	442	460	104	NC	30	60-144	
Aroclor 1260	442	439	99	NC	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: MB 460-69030/1-A

Matrix: Solid Date Extracted: 03/31/2011 09:06

Lab File ID:(1) of171115.d Lab File ID:(2) or171115.d

Date Analyzed:(1) 04/01/2011 10:43 Date Analyzed:(2) 04/01/2011 10:43

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-69030/2-A	04/01/2011 11:00	04/01/2011 11:00
	460-24281-A-31-A MS	04/01/2011 11:17	04/01/2011 11:17
	460-24281-A-31-B MSD	04/01/2011 11:33	04/01/2011 11:33
PMP-6-VD-E (3.5-4.0)	460-24279-1	04/01/2011 13:57	04/01/2011 13:57
PMP3-VD-E (3.5-4.0)	460-24279-4	04/01/2011 14:46	
PMP-3-WT-E (8.0-8.5)	460-24279-5	04/01/2011 15:03	04/01/2011 15:03
PMP3-SI-E (10.5-11)	460-24279-6	04/01/2011 15:19	04/01/2011 15:19
PMP-6-WT-E (8.0-8.5)	460-24279-2	04/02/2011 00:55	04/02/2011 00:55
PMP-6-SI-E (10.5-11.0)	460-24279-3	04/02/2011 01:11	04/02/2011 01:11
PMP-7-VD-E (3.5-4)	460-24279-7	04/02/2011 01:28	04/02/2011 01:28
PMP-7-WT-E (8-8.5)	460-24279-8	04/02/2011 01:44	04/02/2011 01:44
PMP-7-SI-E (10.5-11)	460-24279-9	04/02/2011 02:01	04/02/2011 02:01

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Sample No.: CCVRT 460-69334/2 Date Analyzed: 04/01/2011 10:27

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171114.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69334/2		04/01/2011 10:27	of171114.d	10.70		
MB 460-69030/1-A		04/01/2011 10:43	of171115.d	10.70		
LCS 460-69030/2-A		04/01/2011 11:00	of171116.d	10.70		
460-24281-A-31-B MSD		04/01/2011 11:33	of171118.d	10.70		
460-24279-1	PMP-6-VD-E (3.5-4.0)	04/01/2011 13:57	of171122.d	10.70		
460-24279-4	PMP3-VD-E (3.5-4.0)	04/01/2011 14:46	of171125.d	10.70		
460-24279-5	PMP-3-WT-E (8.0-8.5)	04/01/2011 15:03	of171126.d	10.70		
460-24279-6	PMP3-SI-E (10.5-11)	04/01/2011 15:19	of171127.d	10.70		
CCV 460-69334/22		04/01/2011 20:24	of171134.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Sample No.: CCVRT 460-69334/2 Date Analyzed: 04/01/2011 10:27

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171114.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69334/2		04/01/2011 10:27	or171114.d	9.61		
MB 460-69030/1-A		04/01/2011 10:43	or171115.d	9.61		
LCS 460-69030/2-A		04/01/2011 11:00	or171116.d	9.61		
460-24281-A-31-B MSD		04/01/2011 11:33	or171118.d	9.61		
460-24279-1	PMP-6-VD-E (3.5-4.0)	04/01/2011 13:57	or171122.d	9.61		
460-24279-5	PMP-3-WT-E (8.0-8.5)	04/01/2011 15:03	or171126.d	9.61		
460-24279-6	PMP3-SI-E (10.5-11)	04/01/2011 15:19	or171127.d	9.61		
CCV 460-69334/22		04/01/2011 20:24	or171134.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Sample No.: CCVRT 460-69307/2 Date Analyzed: 04/01/2011 20:56

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171136.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69307/2		04/01/2011 20:56	of171136.d	10.70		
460-24279-2	PMP-6-WT-E (8.0-8.5)	04/02/2011 00:55	of171146.d	0.00		
460-24279-3	PMP-6-SI-E (10.5-11.0)	04/02/2011 01:11	of171147.d	0.00		
460-24279-7	PMP-7-VD-E (3.5-4)	04/02/2011 01:28	of171148.d	0.00		
460-24279-8	PMP-7-WT-E (8-8.5)	04/02/2011 01:44	of171149.d	0.00		
460-24279-9	PMP-7-SI-E (10.5-11)	04/02/2011 02:01	of171150.d	0.00		
CCV 460-69307/19		04/02/2011 02:50	of171153.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Sample No.: CCVRT 460-69307/2 Date Analyzed: 04/01/2011 20:56

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171136.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69307/2		04/01/2011 20:56	or171136.d	9.61		
460-24279-2	PMP-6-WT-E (8.0-8.5)	04/02/2011 00:55	or171146.d	0.00		
460-24279-3	PMP-6-SI-E (10.5-11.0)	04/02/2011 01:11	or171147.d	0.00		
460-24279-7	PMP-7-VD-E (3.5-4)	04/02/2011 01:28	or171148.d	0.00		
460-24279-8	PMP-7-WT-E (8-8.5)	04/02/2011 01:44	or171149.d	0.00		
460-24279-9	PMP-7-SI-E (10.5-11)	04/02/2011 02:01	or171150.d	0.00		
CCV 460-69307/19		04/02/2011 02:50	or171153.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) Lab Sample ID: 460-24279-1

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 13:57 Date Analyzed (2): 04/01/2011 13:57

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	212	230	3.2
		2	3.64	3.56	3.70	239		
		3	3.93	3.85	3.99	221		
		4	4.19	4.11	4.25	231		
		5	4.36	4.28	4.42	243		
		6	4.60	4.53	4.67	244		
		7	5.10	5.03	5.17	233		
		8	5.43	5.36	5.50	230		
	2	1	2.53	2.44	2.58	185	220	
		2	2.86	2.78	2.92	221		
		3	3.06	2.98	3.12	213		
		4	3.33	3.25	3.39	219		
		5	3.48	3.40	3.54	212		
		6	3.70	3.62	3.76	225		
		7	3.93	3.85	3.99	209		
		8	4.66	4.60	4.74	310		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) Lab Sample ID: 460-24279-2

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/02/2011 00:55 Date Analyzed (2): 04/02/2011 00:55

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	327000	350000	9.6
		2	3.64	3.56	3.70	344000		
		3	3.93	3.85	3.99	337000		
		4	4.19	4.11	4.25	351000		
		5	4.36	4.28	4.42	363000		
		6	4.60	4.53	4.67	339000		
		7	5.10	5.03	5.17	355000		
		8	5.43	5.36	5.50	350000		
	2	1	2.53	2.44	2.58	302000	310000	
		2	2.86	2.78	2.92	329000		
		3	3.06	2.98	3.12	346000		
		4	3.33	3.25	3.39	360000		
		5	3.48	3.40	3.54	338000		
		6	3.69	3.62	3.76	200000		
		7	3.92	3.85	3.99	323000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) Lab Sample ID: 460-24279-3

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/02/2011 01:11 Date Analyzed (2): 04/02/2011 01:11

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	33000	32000	11.1
		2	3.64	3.56	3.70	32400		
		3	3.93	3.85	3.99	31700		
		4	4.19	4.11	4.25	32200		
		5	4.36	4.28	4.42	33600		
		6	4.60	4.53	4.67	29700		
		7	5.10	5.03	5.17	33300		
		8	5.43	5.36	5.50	32100		
	2	1	2.53	2.44	2.58	30400	29000	
		2	2.86	2.78	2.92	31300		
		3	3.06	2.98	3.12	32500		
		4	3.33	3.25	3.39	33400		
		5	3.48	3.40	3.54	31200		
		6	3.69	3.62	3.76	16500		
		7	3.93	3.85	3.99	30100		
		8	4.66	4.60	4.74	25600		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) Lab Sample ID: 460-24279-5

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 15:03 Date Analyzed (2): 04/01/2011 15:03

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	2	3.65	3.56	3.70	28.1	54	4.4
		3	3.93	3.85	3.99	23.7		
		4	4.19	4.11	4.25	48.5		
		5	4.36	4.28	4.42	49.9		
		6	4.61	4.53	4.67	68.0		
		7	5.10	5.03	5.17	73.1		
		8	5.43	5.36	5.50	84.7		
	2	1	2.56	2.44	2.58	41.6	56	
		2	2.87	2.78	2.92	31.8		
		3	3.06	2.98	3.12	34.4		
		4	3.33	3.25	3.39	47.0		
		5	3.48	3.40	3.54	45.7		
		6	3.70	3.62	3.76	69.3		
		7	3.93	3.85	3.99	61.3		
		8	4.66	4.60	4.74	118		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) Lab Sample ID: 460-24279-6

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 15:19 Date Analyzed (2): 04/01/2011 15:19

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	3.65	3.56	3.70	99.0	190	9.7
		2	4.19	4.11	4.25	259		
		3	4.49	4.41	4.55	164		
		4	4.61	4.53	4.67	237		
		5	4.94	4.87	5.01	251		
		6	5.10	5.03	5.17	226		
		7	5.43	5.36	5.50	136		
		8	5.49	5.41	5.55	178		
	2	1	2.87	2.78	2.92	104	210	
		2	3.34	3.25	3.39	259		
		3	3.50	3.46	3.60	441		
		4	3.70	3.62	3.76	226		
		5	3.93	3.85	3.99	227		
		6	4.02	3.95	4.09	146		
		7	4.31	4.24	4.38	91.7		
		8	4.67	4.59	4.73	213		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) Lab Sample ID: 460-24279-7

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/02/2011 01:28 Date Analyzed (2): 04/02/2011 01:28

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	4	4.60	4.53	4.67	91800	100000	20.1
		5	4.94	4.87	5.01	101000		
		6	5.10	5.03	5.17	119000		
		7	5.43	5.36	5.50	89900		
		8	5.49	5.41	5.55	118000		
	2	4	3.69	3.62	3.76	54100	85000	
		5	3.92	3.85	3.99	97500		
		6	4.03	3.95	4.09	86400		
		7	4.31	4.24	4.38	95100		
		8	4.66	4.59	4.73	92100		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) Lab Sample ID: 460-24279-8

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/02/2011 01:44 Date Analyzed (2): 04/02/2011 01:44

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	517000	530000	14.7
		2	3.64	3.56	3.70	515000		
		3	3.93	3.85	3.99	533000		
		4	4.18	4.11	4.25	527000		
		5	4.35	4.28	4.42	552000		
		6	4.60	4.53	4.67	522000		
		7	5.10	5.03	5.17	592000		
		8	5.43	5.36	5.50	500000		
	2	1	2.53	2.44	2.58	455000	460000	
		2	2.86	2.78	2.92	501000		
		3	3.06	2.98	3.12	511000		
		4	3.33	3.25	3.39	529000		
		5	3.48	3.40	3.54	505000		
		6	3.69	3.62	3.76	270000		
		7	3.92	3.85	3.99	476000		
		8	4.66	4.60	4.74	427000		
Aroclor 1260	1	1	6.65	6.58	6.72	57400	52000	15.7
		2	7.01	6.94	7.08	54400		
		3	7.71	7.64	7.78	48200		
		4	7.92	7.85	7.99	53900		
		5	8.04	7.97	8.11	49300		
		6	8.62	8.54	8.68	51800		
		7	9.60	9.52	9.66	48600		
		8	10.21	10.13	10.27	50300		
	2	1	5.36	5.29	5.43	49500	44000	
		2	5.70	5.63	5.77	40300		
		3	6.06	5.98	6.12	36300		
		4	6.21	6.13	6.27	47600		
		5	6.56	6.49	6.63	66900		
		6	7.60	7.53	7.67	31200		
		7	7.77	7.70	7.84	41700		
		8	8.96	8.89	9.03	40100		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) Lab Sample ID: 460-24279-9

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/02/2011 02:01 Date Analyzed (2): 04/02/2011 02:01

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	34700	37000	9.2
		2	3.64	3.56	3.70	35300		
		3	3.93	3.85	3.99	37500		
		4	4.19	4.11	4.25	36000		
		5	4.36	4.28	4.42	38000		
		6	4.60	4.53	4.67	36400		
		7	5.10	5.03	5.17	41400		
		8	5.43	5.36	5.50	35700		
	2	1	2.53	2.44	2.58	30900	34000	
		2	2.86	2.78	2.92	33300		
		3	3.06	2.98	3.12	34800		
		4	3.33	3.25	3.39	36300		
		5	3.48	3.40	3.54	34200		
		6	3.69	3.62	3.76	33000		
		7	3.93	3.85	3.99	33000		
Aroclor 1260	1	1	6.65	6.58	6.72	9020	4500	16.2
		2	7.02	6.94	7.08	3800		
		3	7.72	7.64	7.78	3190		
		4	7.92	7.85	7.99	3430		
		5	8.05	7.97	8.11	3000		
		6	8.62	8.54	8.68	3550		
		7	9.60	9.52	9.66	5540		
		8	10.21	10.13	10.27	4090		
	2	1	5.36	5.29	5.43	4880	3800	
		2	5.71	5.63	5.77	3870		
		3	6.06	5.98	6.12	3750		
		4	6.21	6.13	6.27	4360		
		5	6.56	6.49	6.63	3980		
		6	7.60	7.53	7.67	2630		
		7	7.77	7.70	7.84	3480		
		8	8.96	8.89	9.03	3340		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-69030/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 11:00 Date Analyzed (2): 04/01/2011 11:00

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	392	409	6.1
		2	3.64	3.57	3.71	398		
		3	3.93	3.85	3.99	395		
		4	4.19	4.11	4.25	401		
		5	4.36	4.28	4.42	407		
		6	4.66	4.58	4.72	435		
		7	4.94	4.87	5.01	438		
		8	5.10	5.03	5.17	405		
	2	1	2.52	2.45	2.59	354	385	
		2	2.86	2.79	2.93	383		
		3	3.06	2.99	3.13	389		
		4	3.33	3.26	3.40	378		
		5	3.47	3.40	3.54	388		
		6	3.53	3.46	3.60	396		
		7	3.92	3.85	3.99	398		
		8	4.05	3.98	4.12	391		
Aroclor 1260	1	1	6.65	6.58	6.72	388	393	4.0
		2	7.02	6.94	7.08	390		
		3	7.71	7.64	7.78	381		
		4	7.92	7.85	7.99	394		
		5	8.05	7.97	8.11	392		
		6	8.62	8.54	8.68	390		
		7	9.60	9.52	9.66	402		
		8	10.21	10.13	10.27	409		
	2	1	5.36	5.29	5.43	385	378	
		2	5.70	5.63	5.77	383		
		3	6.05	5.98	6.12	380		
		4	6.21	6.13	6.27	395		
		5	6.56	6.49	6.63	380		
		6	7.60	7.53	7.67	326		
		7	7.77	7.70	7.84	401		
		8	8.96	8.89	9.03	369		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24281-A-31-A MS

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 11:17 Date Analyzed (2): 04/01/2011 11:17

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	518	554	7.1
		2	3.64	3.57	3.71	561		
		3	3.93	3.85	3.99	485		
		4	4.19	4.11	4.25	566		
		5	4.36	4.28	4.42	580		
		6	4.66	4.58	4.72	571		
		7	4.94	4.87	5.01	566		
		8	5.10	5.03	5.17	584		
	2	1	2.53	2.45	2.59	478	516	
		2	2.86	2.79	2.93	516		
		3	3.06	2.99	3.13	519		
		4	3.33	3.26	3.40	522		
		5	3.48	3.40	3.54	535		
		6	3.53	3.46	3.60	543		
		7	3.92	3.85	3.99	529		
		8	4.05	3.98	4.12	485		
Aroclor 1260	1	1	6.66	6.58	6.72	533	539	5.3
		2	7.01	6.94	7.08	533		
		3	7.71	7.64	7.78	537		
		4	7.92	7.85	7.99	537		
		5	8.05	7.97	8.11	530		
		6	8.62	8.54	8.68	534		
		7	9.60	9.52	9.66	539		
		8	10.21	10.13	10.27	566		
	2	1	5.36	5.29	5.43	512	511	
		2	5.70	5.63	5.77	515		
		3	6.05	5.98	6.12	515		
		4	6.21	6.13	6.27	531		
		5	6.56	6.49	6.63	518		
		6	7.60	7.53	7.67	456		
		7	7.77	7.70	7.84	534		
		8	8.95	8.89	9.03	505		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24281-A-31-B MSD

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 11:33 Date Analyzed (2): 04/01/2011 11:33

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	443	476	3.3
		2	3.64	3.57	3.71	466		
		3	3.93	3.85	3.99	441		
		4	4.19	4.11	4.25	489		
		5	4.36	4.28	4.42	502		
		6	4.66	4.58	4.72	470		
		7	4.94	4.87	5.01	488		
		8	5.10	5.03	5.17	505		
	2	1	2.52	2.45	2.59	423	460	
		2	2.86	2.79	2.93	452		
		3	3.06	2.99	3.13	457		
		4	3.33	3.26	3.40	488		
		5	3.48	3.40	3.54	461		
		6	3.53	3.46	3.60	466		
		7	3.92	3.85	3.99	467		
		8	4.05	3.98	4.12	464		
Aroclor 1260	1	1	6.66	6.58	6.72	467	476	7.9
		2	7.02	6.94	7.08	468		
		3	7.71	7.64	7.78	468		
		4	7.92	7.85	7.99	473		
		5	8.05	7.97	8.11	473		
		6	8.62	8.54	8.68	468		
		7	9.60	9.52	9.66	503		
		8	10.21	10.13	10.27	484		
	2	1	5.36	5.29	5.43	454	439	
		2	5.70	5.63	5.77	452		
		3	6.06	5.98	6.12	450		
		4	6.21	6.13	6.27	461		
		5	6.56	6.49	6.63	420		
		6	7.60	7.53	7.67	382		
		7	7.77	7.70	7.84	462		
		8	8.96	8.89	9.03	433		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) Lab Sample ID: 460-24279-1

Matrix: Solid Lab File ID: of171122.d

Analysis Method: 8082 Date Collected: 03/17/2011 12:35

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.01(g) Date Analyzed: 04/01/2011 13:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	230		71	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		30-150

Data File: of171122.d
Report Date: 02-Apr-2011 23:57

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/of171122.d
Lab Smp Id: 460-24279-F-1-E Client Smp ID: PMP-6-VD-E (3.5-4.0
Inj Date : 01-APR-2011 13:57
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-1-E
Misc Info : 460-24279-F-1-E
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 78
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	5.52846	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.173	3.160	0.013	25847	301.009	210	80.00- 120.00	100.00(M)
3.643	3.633	0.010	55560	338.356	240	152.98- 229.47	214.95
3.930	3.922	0.008	25351	312.976	220	75.46- 113.20	98.08
4.187	4.180	0.007	99383	327.788	230	282.47- 423.70	384.50
4.357	4.350	0.007	44737	344.947	240	120.83- 181.24	173.08
4.603	4.598	0.005	22619	346.449	240	60.83- 91.24	87.51
5.100	5.097	0.003	40324	330.413	230	113.70- 170.55	156.01
5.430	5.425	0.005	28803	325.569	230	82.42- 123.63	111.43
Average of Peak Concentrations =					230		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	156296	52.6847	37	80.00- 120.00	100.00

Data File: of171122.d
Report Date: 02-Apr-2011 23:57

QC Flag Legend

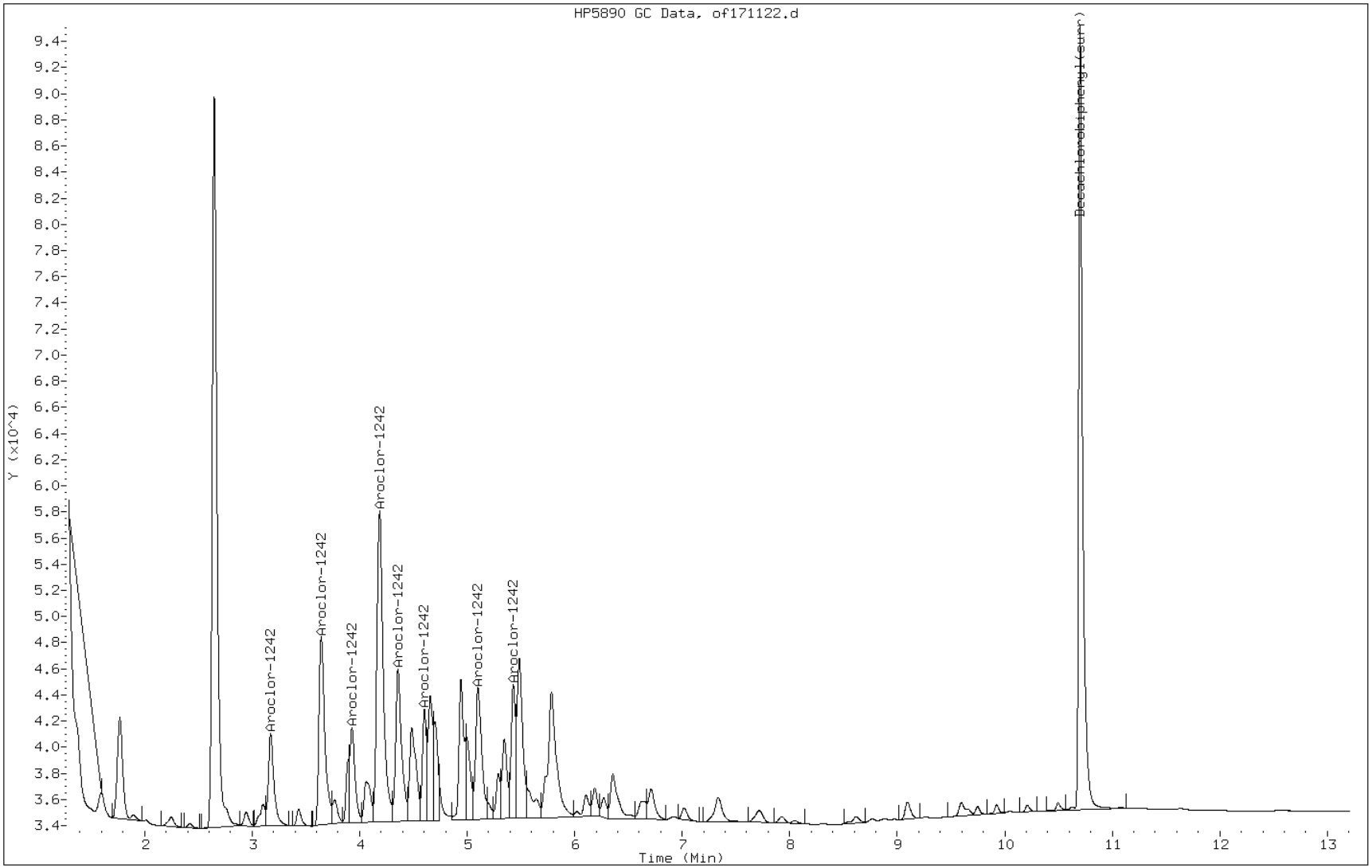
M - Compound response manually integrated.

Data File: of171122.d

Date: 01-APR-2011 13:57

Client ID: PMP-6-VD-E (3.5-4.0 Instrument: PESTGC7.i

Sample Info: 460-24279-F-1-E Operator: 615



Manual Integration Report

Data File: of171122.d
Inj. Date and Time: 01-APR-2011 13:57
Instrument ID: PESTGC7.i
Client ID: PMP-6-VD-E (3.5-4.0
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/03/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

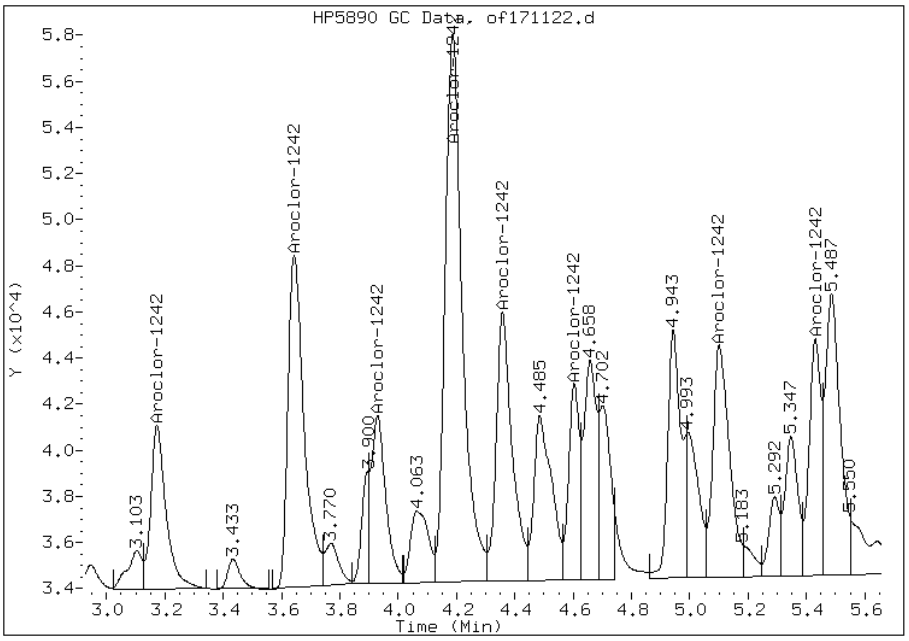
Manual Integration Results

RT: 3.17

Response: 25847

Amount: 328.44

Conc: 230.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) | Lab Sample ID: 460-24279-1

Matrix: Solid | Lab File ID: or171122.d

Analysis Method: 8082 | Date Collected: 03/17/2011 12:35

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.01(g) | Date Analyzed: 04/01/2011 13:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	71	U	71	14
11104-28-2	Aroclor 1221	71	U	71	21
11141-16-5	Aroclor 1232	71	U	71	40
12672-29-6	Aroclor 1248	71	U	71	19
11097-69-1	Aroclor 1254	71	U	71	24
11096-82-5	Aroclor 1260	71	U	71	7.9
37324-23-5	Aroclor 1262	71	U	71	12
11100-14-4	Aroclor 1268	71	U	71	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/or171122.d
Lab Smp Id: 460-24279-F-1-E Client Smp ID: PMP-6-VD-E (3.5-4.0
Inj Date : 01-APR-2011 13:57
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-1-E
Misc Info : 460-24279-F-1-E
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 78
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	5.52846	% Moisture

Cpnd Variable Local Compound Variable

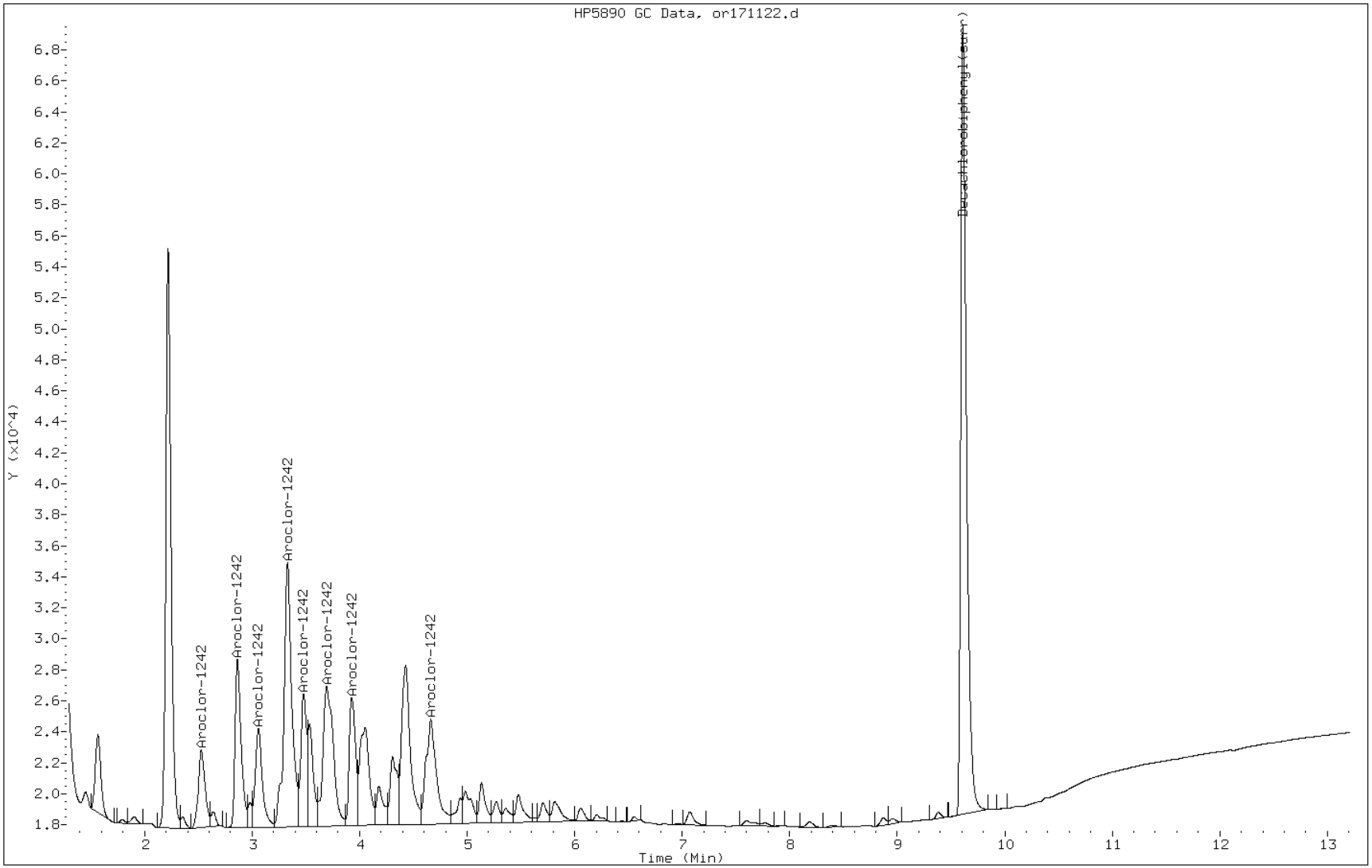
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.528	2.512	0.016	22117	261.879	180	80.00- 120.00	100.00
2.863	2.852	0.011	42821	313.627	220	129.33- 194.00	193.61
3.060	3.052	0.008	29399	302.120	210	92.18- 138.26	132.92
3.330	3.323	0.007	87000	310.707	220	265.24- 397.85	393.36
3.478	3.470	0.008	30355	300.372	210	95.73- 143.59	137.25
3.695	3.692	0.003	61066	319.680	220	180.95- 271.42	276.10
3.927	3.922	0.005	33778	296.902	210	107.77- 161.65	152.72
4.663	4.667	-0.004	46311	439.767	310	99.75- 149.63	209.39
Average of Peak Concentrations =					220		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.608	0.002	186056	50.1823	35	80.00- 120.00	100.00

Data File: or171122.d

Date: 01-APR-2011 13:57

Client ID: PMP-6-VD-E (3.5-4.0 Instrument: PESTGC7.i

Sample Info: 460-24279-F-1-E Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) Lab Sample ID: 460-24279-2

Matrix: Solid Lab File ID: of171146.d

Analysis Method: 8082 Date Collected: 03/17/2011 12:40

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 00:55

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	350000		15000	2900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171146.d
Report Date: 02-Apr-2011 02:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/of171146.d
Lab Smp Id: 460-24279-F-2-C Client Smp ID: PMP-6-WT-E (8.0-8.5
Inj Date : 02-APR-2011 00:55
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-2-C
Misc Info : 460-24279-F-2-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 2
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	11.67147	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.172	3.160	0.012	186542	2172.39	330000	80.00- 120.00	100.00(M)
3.643	3.633	0.010	375414	2286.23	340000	152.98- 229.47	201.25
3.928	3.922	0.006	181002	2234.54	340000	75.46- 113.20	97.03
4.187	4.180	0.007	707412	2333.19	350000	282.47- 423.70	379.22
4.357	4.350	0.007	312408	2408.81	360000	120.83- 181.24	167.47
4.603	4.598	0.005	147050	2252.30	340000	60.83- 91.24	78.83
5.100	5.097	0.003	287454	2355.37	350000	113.70- 170.55	154.10
5.428	5.425	0.003	205412	2321.84	350000	82.42- 123.63	110.12
Average of Peak Concentrations =					340000		

Data File: of171146.d
Report Date: 02-Apr-2011 02:58

QC Flag Legend

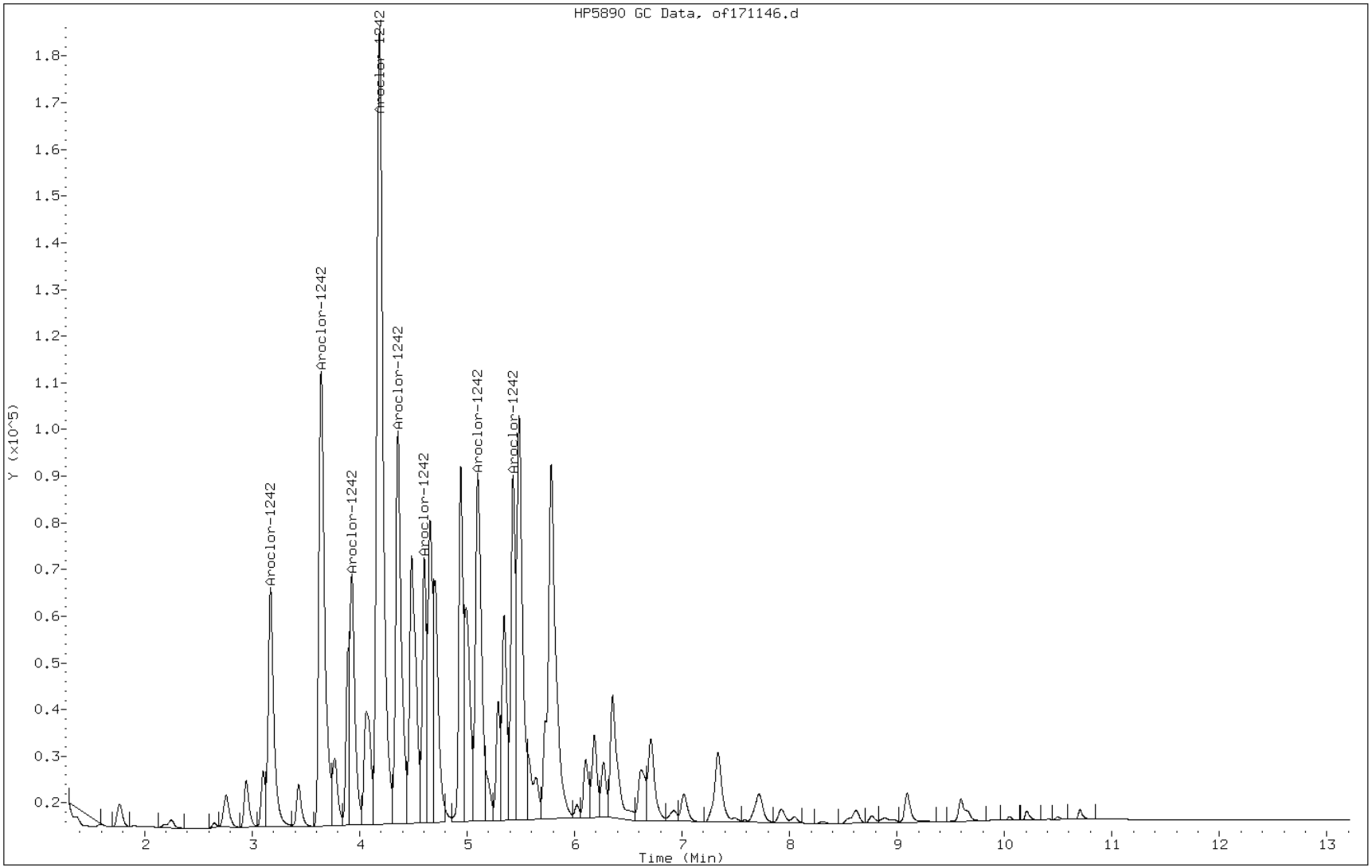
M - Compound response manually integrated.

Data File: of171146.d

Date: 02-APR-2011 00:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: PESTGC7.i

Sample Info: 460-24279-F-2-C Operator: 615



Manual Integration Report

Data File: of171146.d
Inj. Date and Time: 02-APR-2011 00:55
Instrument ID: PESTGC7.i
Client ID: PMP-6-WT-E (8.0-8.5
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

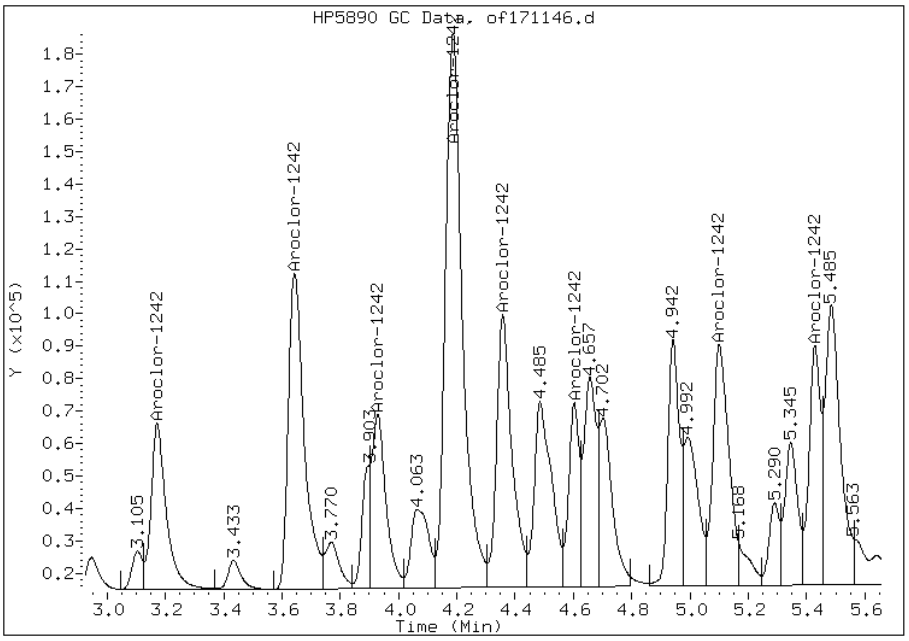
Manual Integration Results

RT: 3.17

Response: 186542

Amount: 2295.58

Conc: 340000.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) Lab Sample ID: 460-24279-2

Matrix: Solid Lab File ID: or171146.d

Analysis Method: 8082 Date Collected: 03/17/2011 12:40

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 00:55

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15000	U	15000	2900
11104-28-2	Aroclor 1221	15000	U	15000	4600
11141-16-5	Aroclor 1232	15000	U	15000	8600
12672-29-6	Aroclor 1248	15000	U	15000	4000
11097-69-1	Aroclor 1254	15000	U	15000	5200
11096-82-5	Aroclor 1260	15000	U	15000	1700
37324-23-5	Aroclor 1262	15000	U	15000	2600
11100-14-4	Aroclor 1268	15000	U	15000	2600

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/or171146.d
Lab Smp Id: 460-24279-F-2-C Client Smp ID: PMP-6-WT-E (8.0-8.5
Inj Date : 02-APR-2011 00:55
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-2-C
Misc Info : 460-24279-F-2-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 2
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	11.67147	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	169278	2004.36	300000	80.00- 120.00	100.00(M)
2.860	2.852	0.008	298271	2184.58	330000	129.33- 194.00	176.20
3.057	3.052	0.005	223746	2299.34	350000	92.18- 138.26	132.18
3.328	3.323	0.005	668723	2388.24	360000	265.24- 397.85	395.04
3.477	3.470	0.007	226511	2241.40	340000	95.73- 143.59	133.81
3.693	3.692	0.001	253666	1327.94	200000	180.95- 271.42	149.85
3.923	3.922	0.001	244267	2147.06	320000	107.77- 161.65	144.30
4.662	4.667	-0.005	0			99.75- 149.63	0.00
Average of Peak Concentrations =					310000		

QC Flag Legend

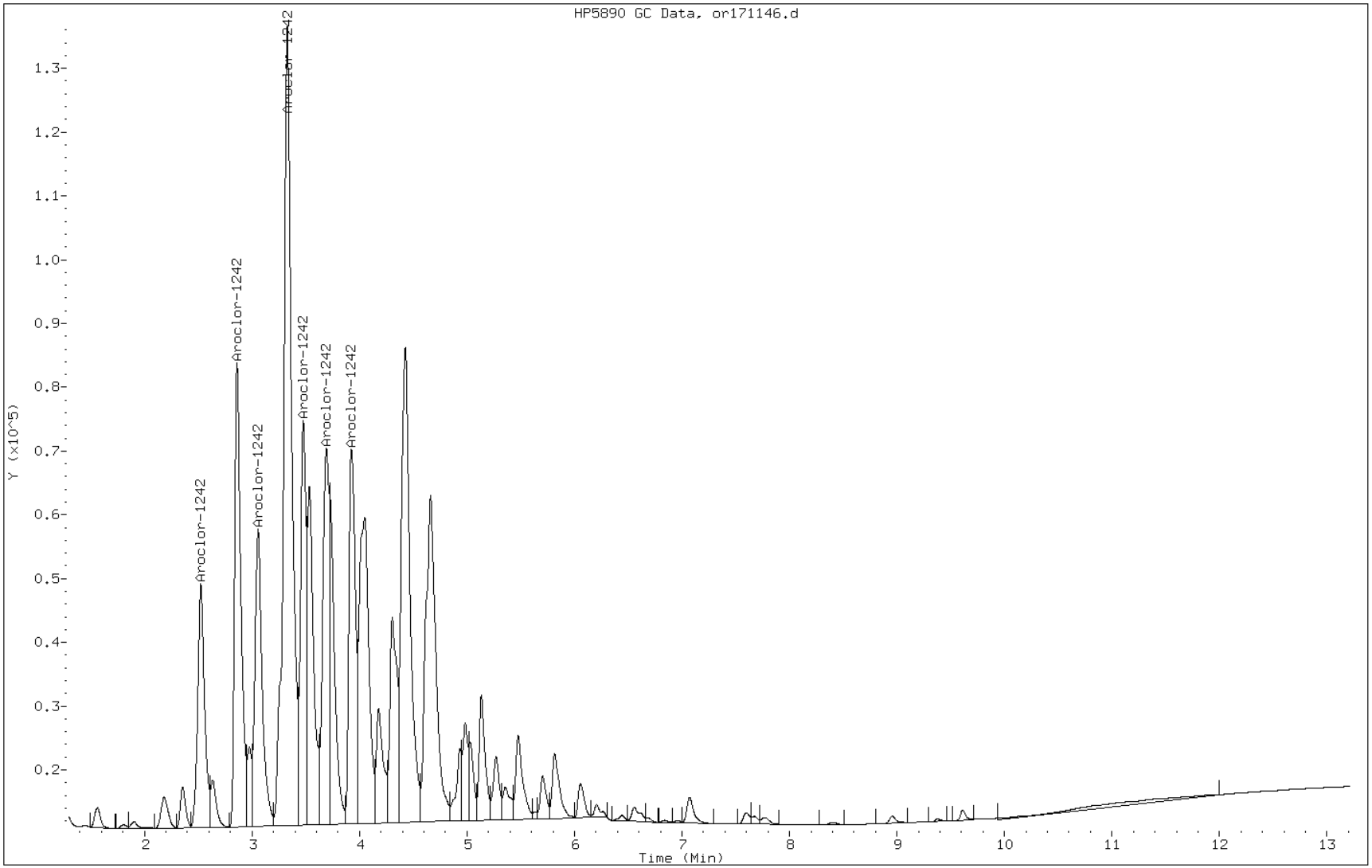
M - Compound response manually integrated.

Data File: or171146.d

Date: 02-APR-2011 00:55

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: PESTGC7.i

Sample Info: 460-24279-F-2-C Operator: 615



Manual Integration Report

Data File: or171146.d
Inj. Date and Time: 02-APR-2011 00:55
Instrument ID: PESTGC7.i
Client ID: PMP-6-WT-E (8.0-8.5
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/02/2011

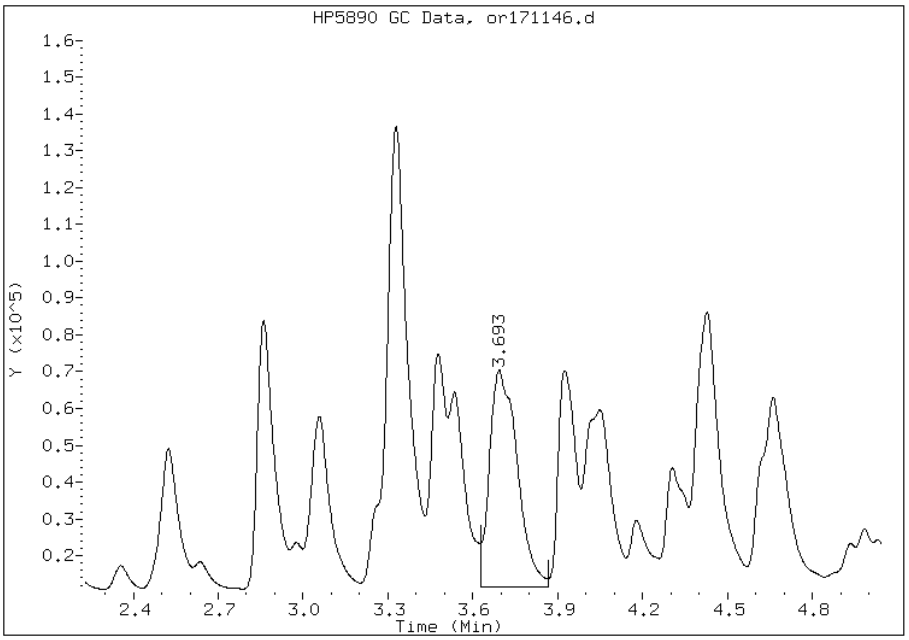
Processing Integration Results

RT: 3.69

Response: 402449

Amount: 2327.58

Conc: 350000.00



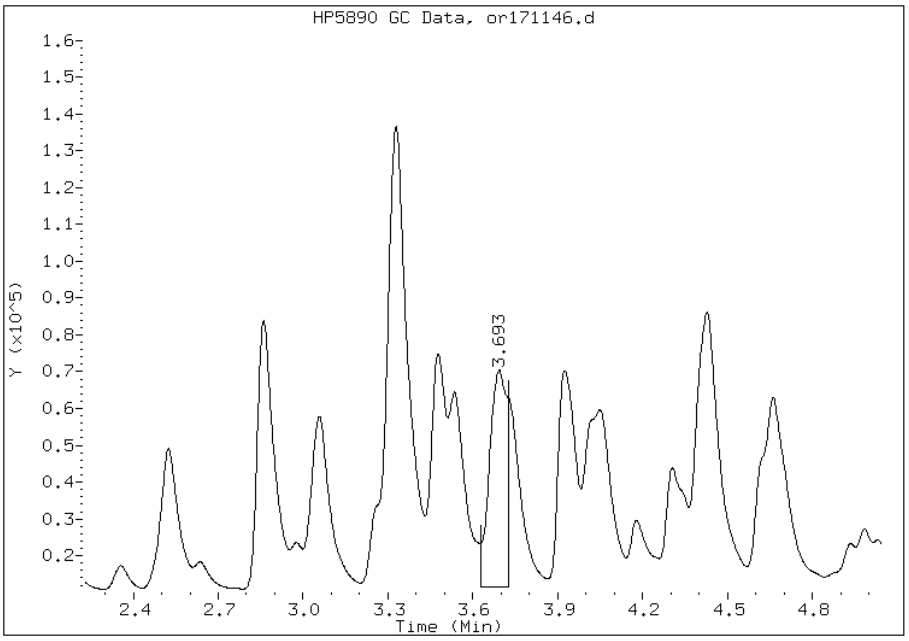
Manual Integration Results

RT: 3.69

Response: 253666

Amount: 2084.70

Conc: 310000.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) Lab Sample ID: 460-24279-3

Matrix: Solid Lab File ID: of171147.d

Analysis Method: 8082 Date Collected: 03/17/2011 12:45

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 01:11

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	32000		1500	290

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171147.d
Report Date: 02-Apr-2011 06:03

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/of171147.d
Lab Smp Id: 460-24279-F-3-C Client Smp ID: PMP-6-SI-E (10.5-11
Inj Date : 02-APR-2011 01:11
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-3-C
Misc Info : 460-24279-F-3-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 3
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.95844	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.173	3.160	0.013	184967	2154.04	33000	80.00- 120.00	100.00(M)
3.643	3.633	0.010	347628	2117.01	32000	152.98- 229.47	187.94
3.930	3.922	0.008	167712	2070.47	32000	75.46- 113.20	90.67
4.188	4.180	0.008	638302	2105.25	32000	282.47- 423.70	345.09
4.358	4.350	0.008	284109	2190.61	34000	120.83- 181.24	153.60
4.603	4.598	0.005	126620	1939.38	30000	60.83- 91.24	68.46
5.102	5.097	0.005	265321	2174.01	33000	113.70- 170.55	143.44
5.430	5.425	0.005	185363	2095.21	32000	82.42- 123.63	100.21
Average of Peak Concentrations =					32000		

Data File: of171147.d
Report Date: 02-Apr-2011 06:03

QC Flag Legend

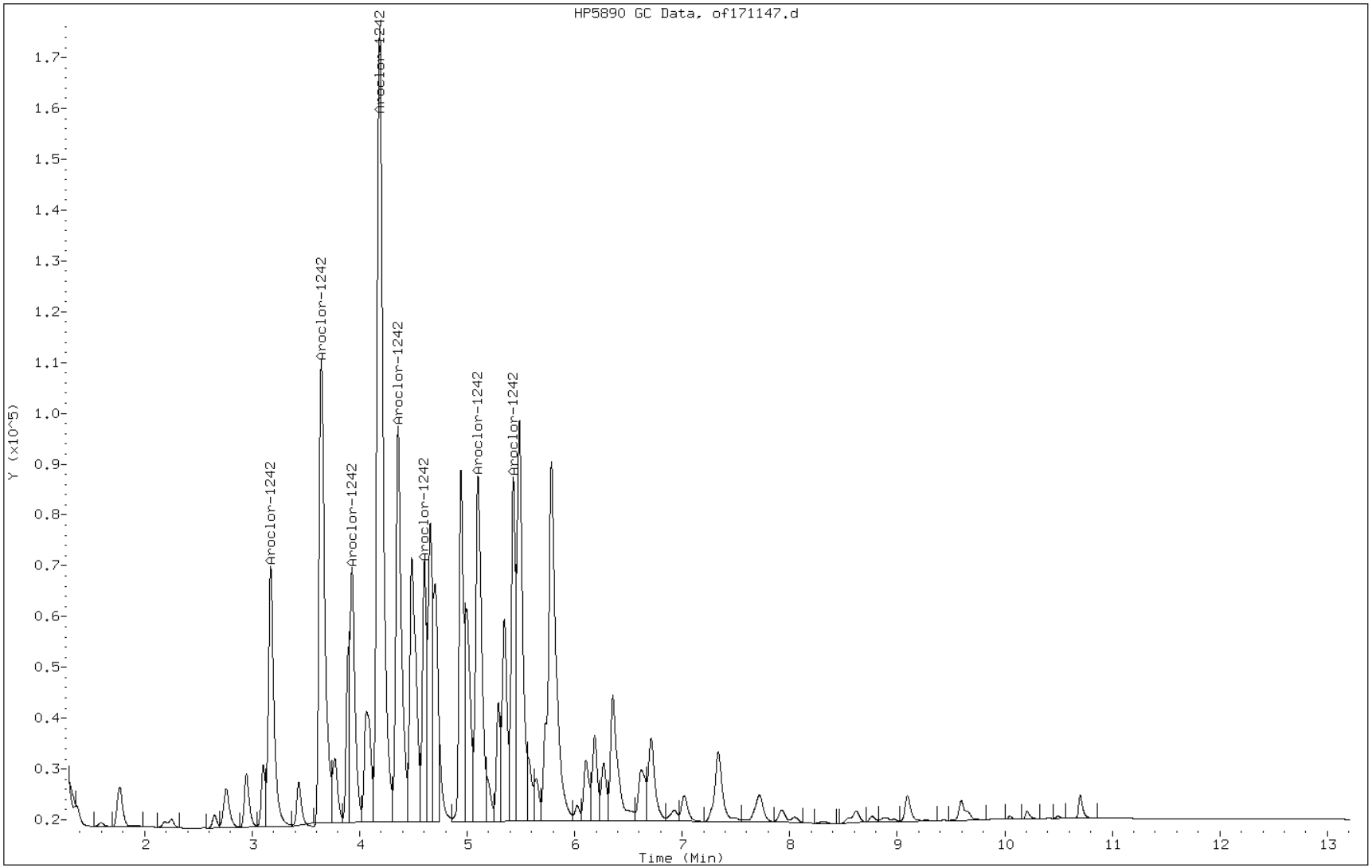
M - Compound response manually integrated.

Data File: of171147.d

Date: 02-APR-2011 01:11

Client ID: PMP-6-SI-E (10.5-11 Instrument: PESTGC7.i

Sample Info: 460-24279-F-3-C Operator: 615



Manual Integration Report

Data File: of171147.d
Inj. Date and Time: 02-APR-2011 01:11
Instrument ID: PESTGC7.i
Client ID: PMP-6-SI-E (10.5-11
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

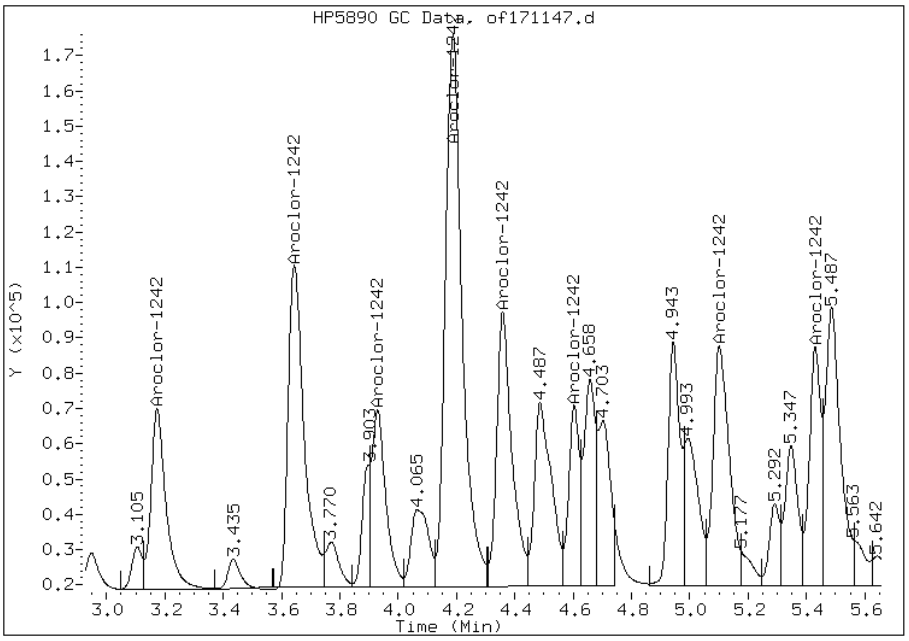
Manual Integration Results

RT: 3.17

Response: 184967

Amount: 2105.75

Conc: 32000.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) Lab Sample ID: 460-24279-3

Matrix: Solid Lab File ID: or171147.d

Analysis Method: 8082 Date Collected: 03/17/2011 12:45

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 01:11

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1500	U	1500	290
11104-28-2	Aroclor 1221	1500	U	1500	460
11141-16-5	Aroclor 1232	1500	U	1500	870
12672-29-6	Aroclor 1248	1500	U	1500	410
11097-69-1	Aroclor 1254	1500	U	1500	530
11096-82-5	Aroclor 1260	1500	U	1500	170
37324-23-5	Aroclor 1262	1500	U	1500	260
11100-14-4	Aroclor 1268	1500	U	1500	260

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/or171147.d
Lab Smp Id: 460-24279-F-3-C Client Smp ID: PMP-6-SI-E (10.5-11
Inj Date : 02-APR-2011 01:11
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-3-C
Misc Info : 460-24279-F-3-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 3
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.95844	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	167686	1985.51	30000	80.00- 120.00	100.00(M)
2.862	2.852	0.010	278916	2042.82	31000	129.33- 194.00	166.33
3.058	3.052	0.006	206291	2119.96	32000	92.18- 138.26	123.02
3.328	3.323	0.005	610483	2180.24	33000	265.24- 397.85	364.06
3.477	3.470	0.007	205776	2036.22	31000	95.73- 143.59	122.72
3.693	3.692	0.001	205406	1075.30	16000	180.95- 271.42	122.49
3.925	3.922	0.003	223401	1963.65	30000	107.77- 161.65	133.23
4.662	4.667	-0.005	175678	1668.23	26000	99.75- 149.63	104.77
Average of Peak Concentrations =					29000		

QC Flag Legend

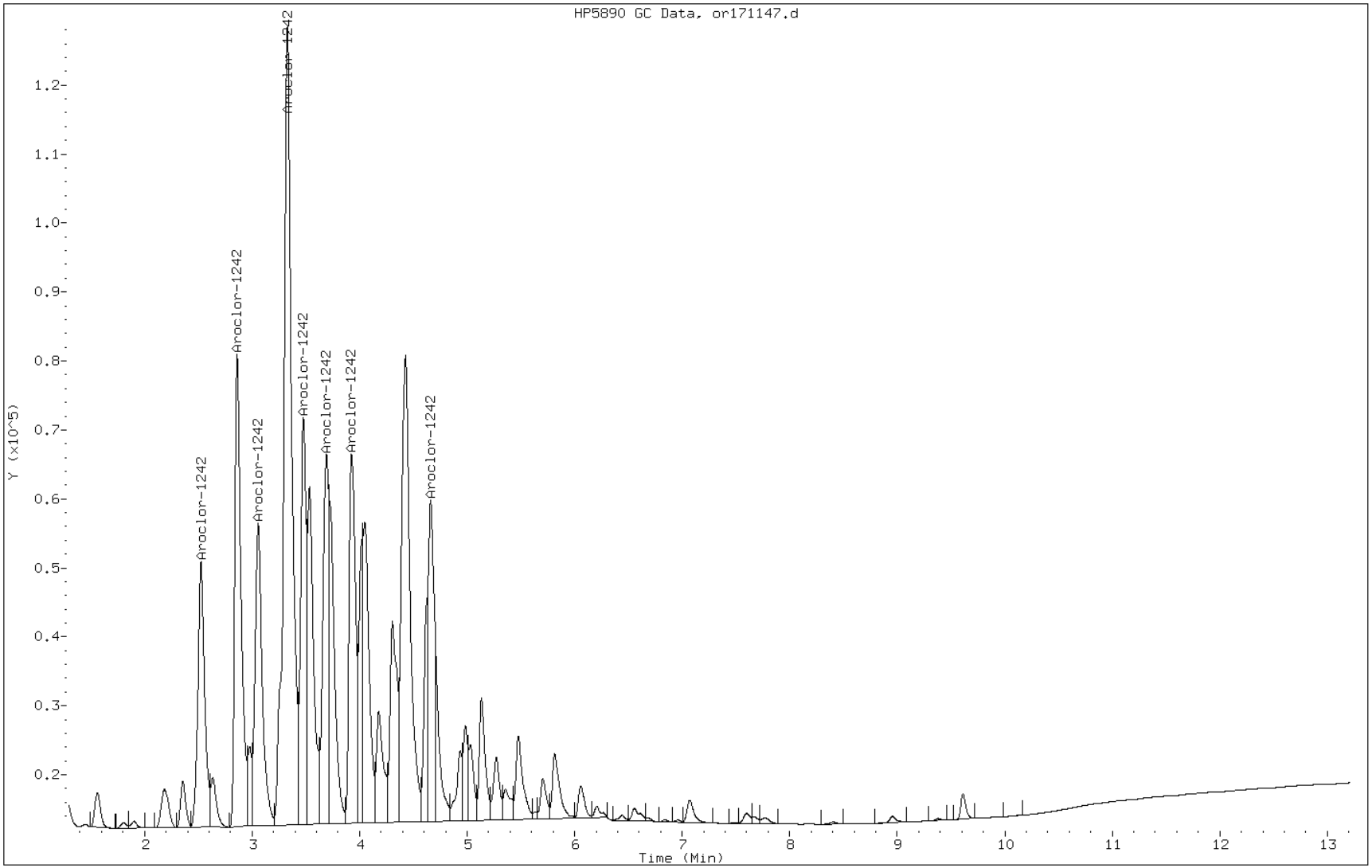
M - Compound response manually integrated.

Data File: or171147.d

Date: 02-APR-2011 01:11

Client ID: PMP-6-SI-E (10.5-11 Instrument: PESTGC7.i

Sample Info: 460-24279-F-3-C Operator: 615



Manual Integration Report

Data File: or171147.d
Inj. Date and Time: 02-APR-2011 01:11
Instrument ID: PESTGC7.i
Client ID: PMP-6-SI-E (10.5-11
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

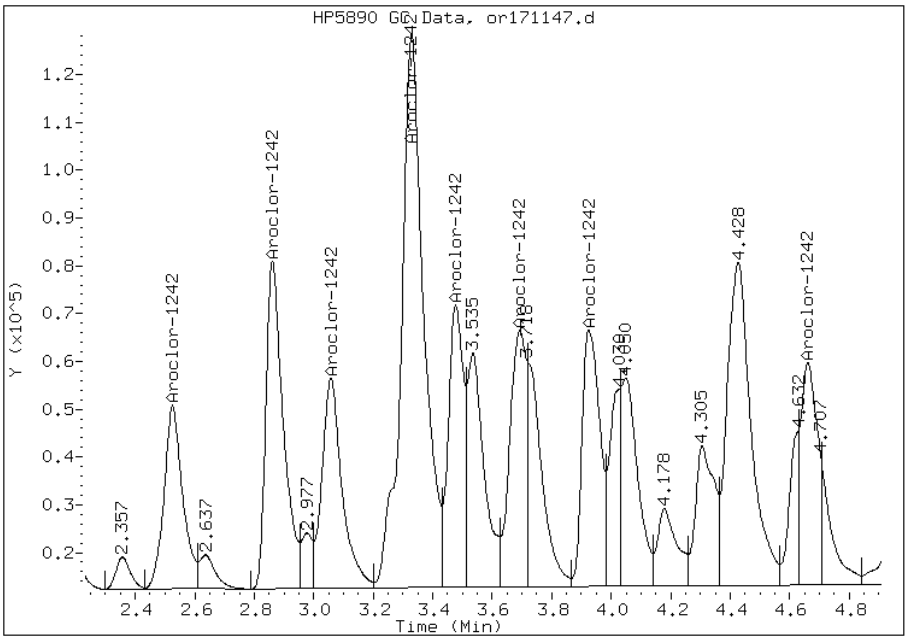
Manual Integration Results

RT: 2.52

Response: 167686

Amount: 1883.99

Conc: 29000.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-VD-E (3.5-4.0) Lab Sample ID: 460-24279-4

Matrix: Solid Lab File ID: of171125.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:05

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.04(g) Date Analyzed: 04/01/2011 14:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	40
53469-21-9	Aroclor 1242	44	J	70	13
12672-29-6	Aroclor 1248	70	U	70	19
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		30-150

Data File: of171125.d
Report Date: 02-Apr-2011 23:57

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/of171125.d
Lab Smp Id: 460-24279-F-4-C Client Smp ID: PMP3-VD-E (3.5-4.0)
Inj Date : 01-APR-2011 14:46
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-4-C
Misc Info : 460-24279-F-4-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 81
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	4.68354	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.177	3.160	0.017	4080	47.5247	33	80.00- 120.00	100.00(M)
3.647	3.633	0.014	7110	43.2999	30	152.98- 229.47	174.23
3.932	3.922	0.010	2939	36.2861	25	75.46- 113.20	72.02
4.192	4.180	0.012	22094	72.8719	51	282.47- 423.70	541.40
4.362	4.350	0.012	10177	78.4693	55	120.83- 181.24	249.38
4.607	4.598	0.009	4213	64.5423	45	60.83- 91.24	103.26
5.102	5.097	0.005	8549	70.0554	49	113.70- 170.55	209.50
5.433	5.425	0.008	7868	88.9448	62	82.42- 123.63	192.82
Average of Peak Concentrations =					44		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	156747	52.8366	37	80.00- 120.00	100.00

Data File: of171125.d
Report Date: 02-Apr-2011 23:57

QC Flag Legend

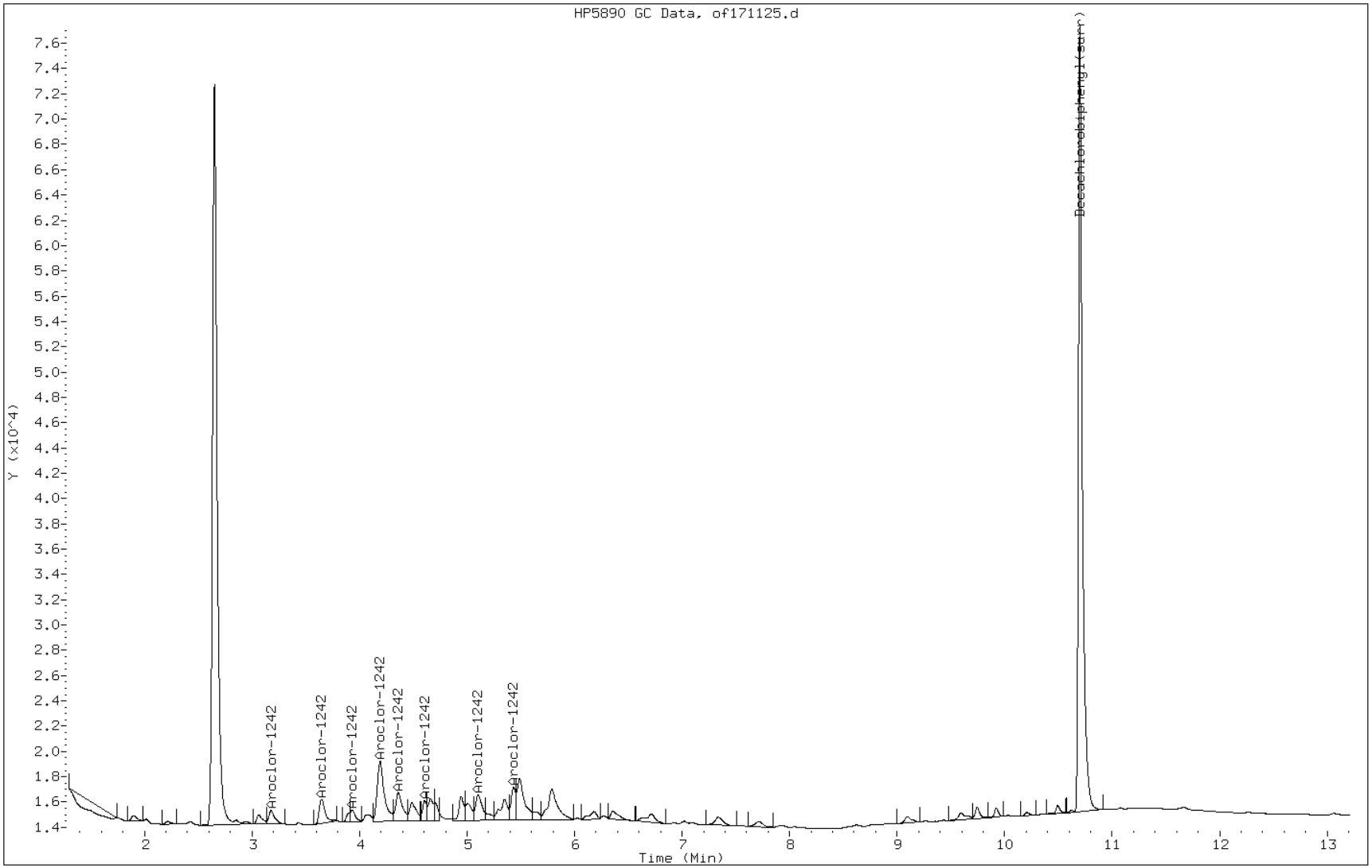
M - Compound response manually integrated.

Data File: of171125.d

Date: 01-APR-2011 14:46

Client ID: PMP3-VD-E (3.5-4.0) Instrument: PESTGC7.i

Sample Info: 460-24279-F-4-C Operator: 615



Manual Integration Report

Data File: of171125.d
Inj. Date and Time: 01-APR-2011 14:46
Instrument ID: PESTGC7.i
Client ID: PMP3-VD-E (3.5-4.0)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/03/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

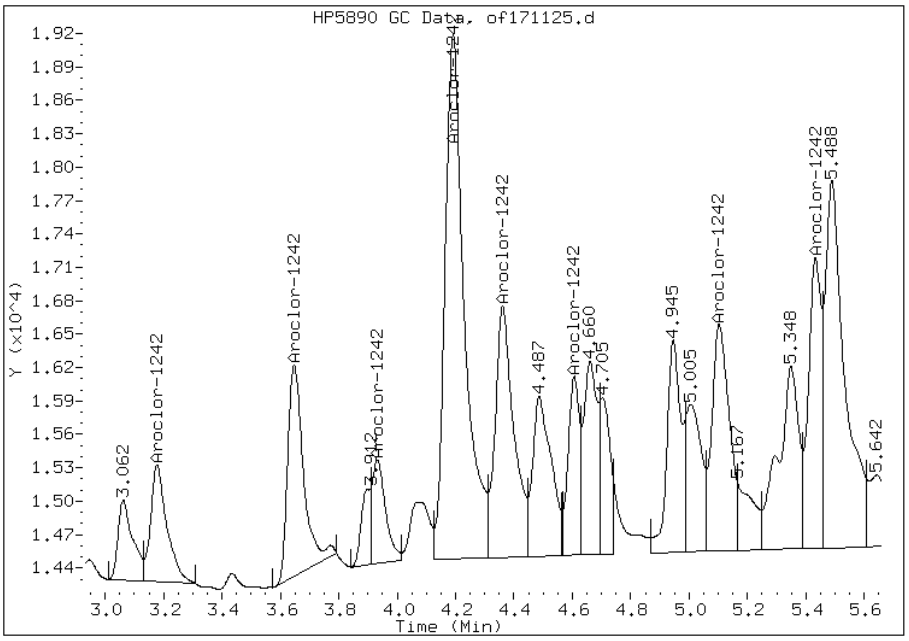
Manual Integration Results

RT: 3.18

Response: 4080

Amount: 62.75

Conc: 44.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) Lab Sample ID: 460-24279-5

Matrix: Solid Lab File ID: of171126.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:10

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.02(g) Date Analyzed: 04/01/2011 15:03

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		30-150

Data File: of171126.d
Report Date: 02-Apr-2011 23:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/of171126.d
Lab Smp Id: 460-24279-F-5-C Client Smp ID: PMP-3-WT-E (8.0-8.5
Inj Date : 01-APR-2011 15:03
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-5-C
Misc Info : 460-24279-F-5-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 82
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	11.88119	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
0.000	3.160	-3.160	0			80.00- 120.00	0.00(TM)
3.647	3.633	0.014	6114	37.2368	28	152.98- 229.47	0.00
3.932	3.922	0.010	2543	31.4017	24	75.46- 113.20	0.00
4.190	4.180	0.010	19442	64.1259	48	282.47- 423.70	0.00
4.360	4.350	0.010	8568	66.0667	50	120.83- 181.24	0.00
4.605	4.598	0.007	5877	90.0190	68	60.83- 91.24	0.00
5.102	5.097	0.005	11813	96.7974	73	113.70- 170.55	0.00
5.432	5.425	0.007	9922	112.153	85	82.42- 123.63	0.00
Average of Peak Concentrations =					54		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	145386	49.0069	37	80.00- 120.00	100.00

Data File: of171126.d
Report Date: 02-Apr-2011 23:58

QC Flag Legend

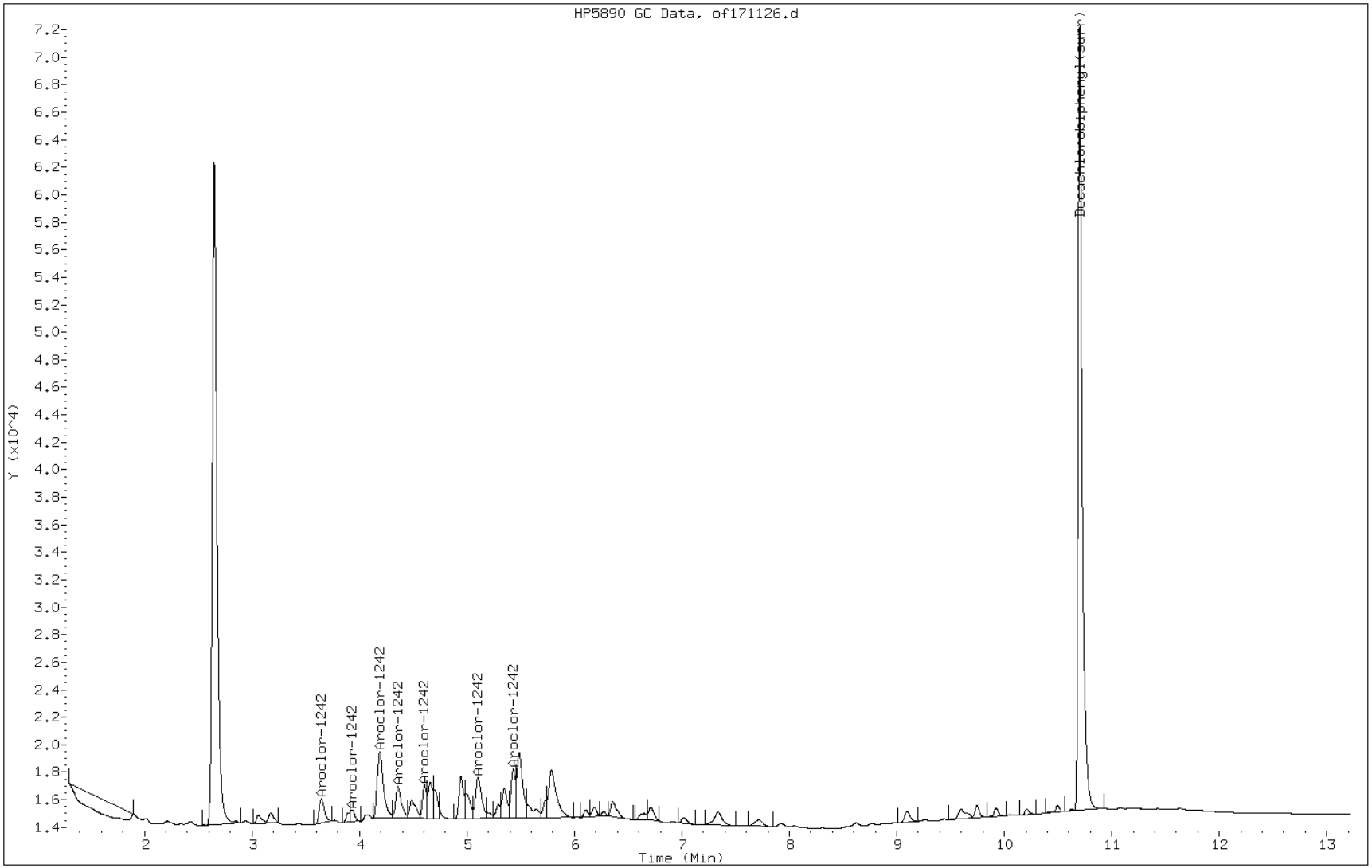
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: of171126.d

Date: 01-APR-2011 15:03

Client ID: PMP-3-WT-E (8.0-8.5 Instrument: PESTGC7.i

Sample Info: 460-24279-F-5-C Operator: 615



Manual Integration Report

Data File: of171126.d
Inj. Date and Time: 01-APR-2011 15:03
Instrument ID: PESTGC7.i
Client ID: PMP-3-WT-E (8.0-8.5
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/03/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

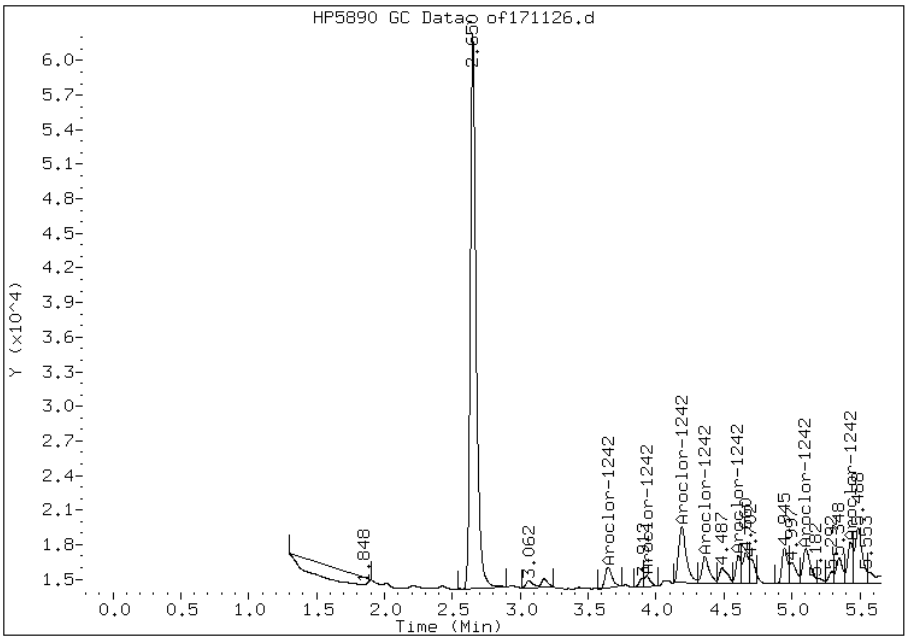
Manual Integration Results

RT: 0.00

Response: 0

Amount: 71.11

Conc: 54.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) | Lab Sample ID: 460-24279-5

Matrix: Solid | Lab File ID: or171126.d

Analysis Method: 8082 | Date Collected: 03/17/2011 13:10

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.02(g) | Date Analyzed: 04/01/2011 15:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	76	U	76	15
11104-28-2	Aroclor 1221	76	U	76	23
11141-16-5	Aroclor 1232	76	U	76	43
53469-21-9	Aroclor 1242	56	J	76	14
12672-29-6	Aroclor 1248	76	U	76	20
11097-69-1	Aroclor 1254	76	U	76	26
11096-82-5	Aroclor 1260	76	U	76	8.5
37324-23-5	Aroclor 1262	76	U	76	13
11100-14-4	Aroclor 1268	76	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/or171126.d
Lab Smp Id: 460-24279-F-5-C Client Smp ID: PMP-3-WT-E (8.0-8.5
Inj Date : 01-APR-2011 15:03
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-5-C
Misc Info : 460-24279-F-5-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 82
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	11.88119	% Moisture

Cpnd Variable Local Compound Variable

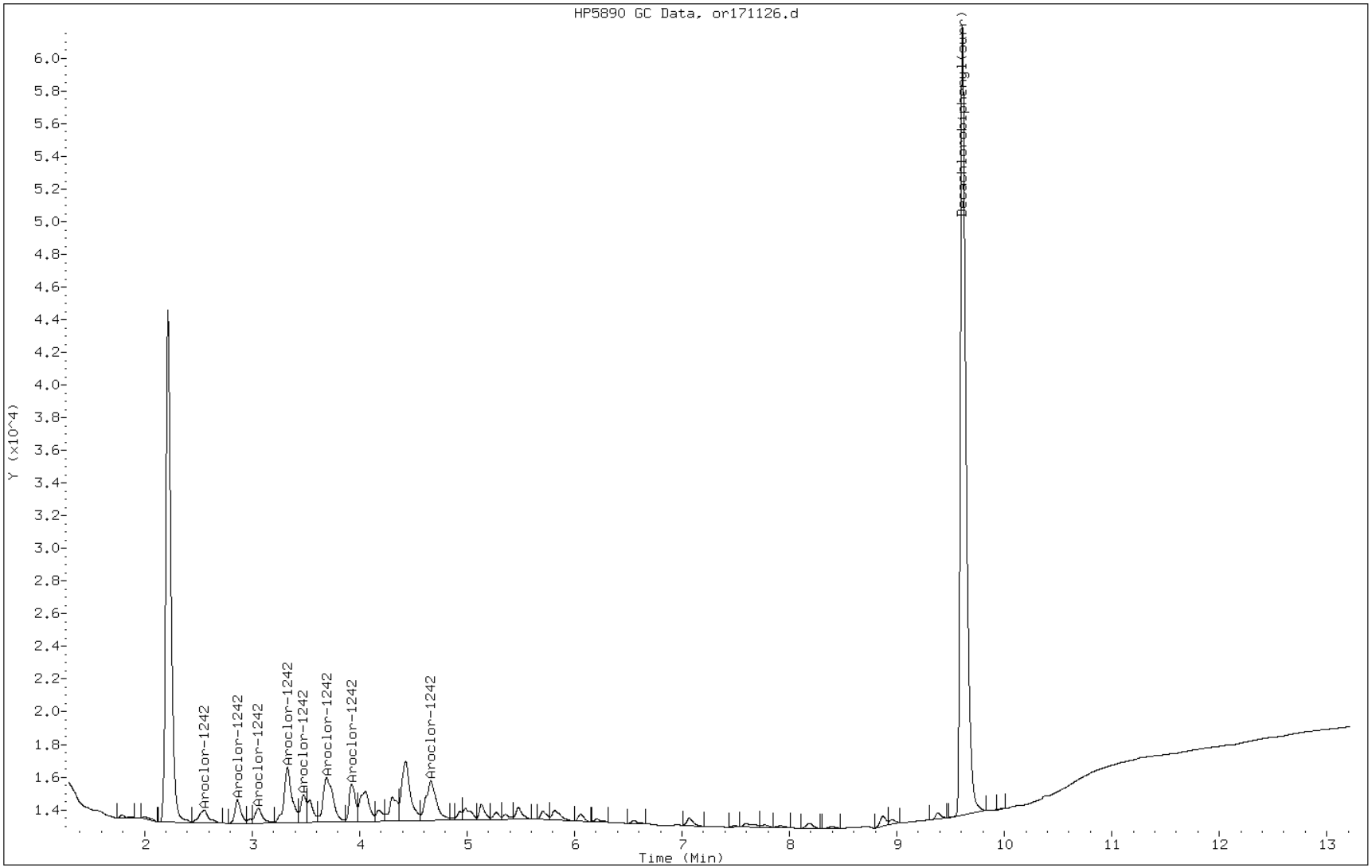
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.557	2.512	0.045	4651	55.0707	42	80.00- 120.00	100.00
2.865	2.852	0.013	5751	42.1211	32	129.33- 194.00	123.65
3.060	3.052	0.008	4436	45.5867	34	92.18- 138.26	95.38
3.332	3.323	0.009	17413	62.1877	47	265.24- 397.85	374.39
3.480	3.470	0.010	6112	60.4801	46	95.73- 143.59	131.41
3.695	3.692	0.003	17524	91.7381	69	180.95- 271.42	376.78
3.927	3.922	0.005	9224	81.0773	61	107.77- 161.65	198.32
4.663	4.667	-0.004	16438	156.095	120	99.75- 149.63	353.43
Average of Peak Concentrations =					56		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.608	0.002	174119	46.9627	35	80.00- 120.00	100.00

Data File: or171126.d

Date: 01-APR-2011 15:03

Client ID: PMP-3-WT-E (8.0-8.5 Instrument: PESTGC7.i

Sample Info: 460-24279-F-5-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) Lab Sample ID: 460-24279-6

Matrix: Solid Lab File ID: of171127.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:15

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.03(g) Date Analyzed: 04/01/2011 15:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		30-150

Data File: of171127.d
Report Date: 03-Apr-2011 00:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/of171127.d
Lab Smp Id: 460-24279-F-6-C Client Smp ID: PMP3-SI-E (10.5-11)
Inj Date : 01-APR-2011 15:19
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-6-C
Misc Info : 460-24279-F-6-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 83
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	13.12102	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.652	3.630	0.022	11432	129.317	99	80.00- 120.00	100.00(MH)
4.193	4.178	0.015	67417	338.018	260	180.49- 270.73	589.68
4.490	4.478	0.012	6389	213.958	160	27.02- 40.53	55.88
4.605	4.597	0.008	34784	309.494	240	101.71- 152.56	304.25
4.943	4.938	0.005	49064	328.400	250	135.20- 202.80	429.15
5.100	5.095	0.005	54977	294.458	220	168.96- 253.44	480.87
5.432	5.425	0.007	28030	177.038	140	143.28- 214.92	245.17
5.487	5.482	0.005	56052	232.914	180	217.78- 326.67	490.28
Average of Peak Concentrations =					190		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	164085	55.3100	42	80.00- 120.00	100.00

Data File: of171127.d
Report Date: 03-Apr-2011 00:01

QC Flag Legend

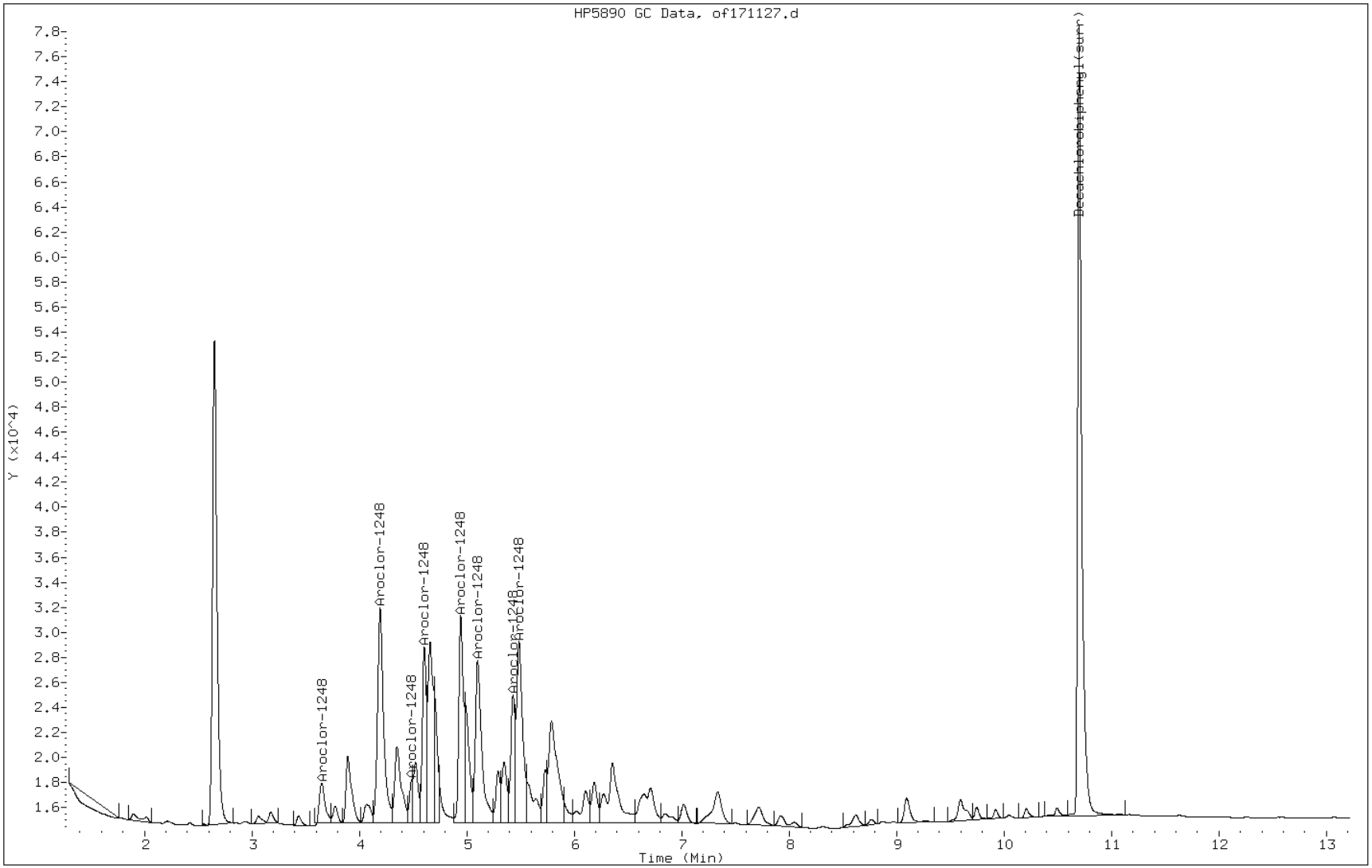
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of171127.d

Date: 01-APR-2011 15:19

Client ID: PMP3-SI-E (10.5-11) Instrument: PESTGC7.i

Sample Info: 460-24279-F-6-C Operator: 615



Manual Integration Report

Data File: of171127.d
Inj. Date and Time: 01-APR-2011 15:19
Instrument ID: PESTGC7.i
Client ID: PMP3-SI-E (10.5-11)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/03/2011

Processing Integration Results

Not Detected

Expected RT: 3.63

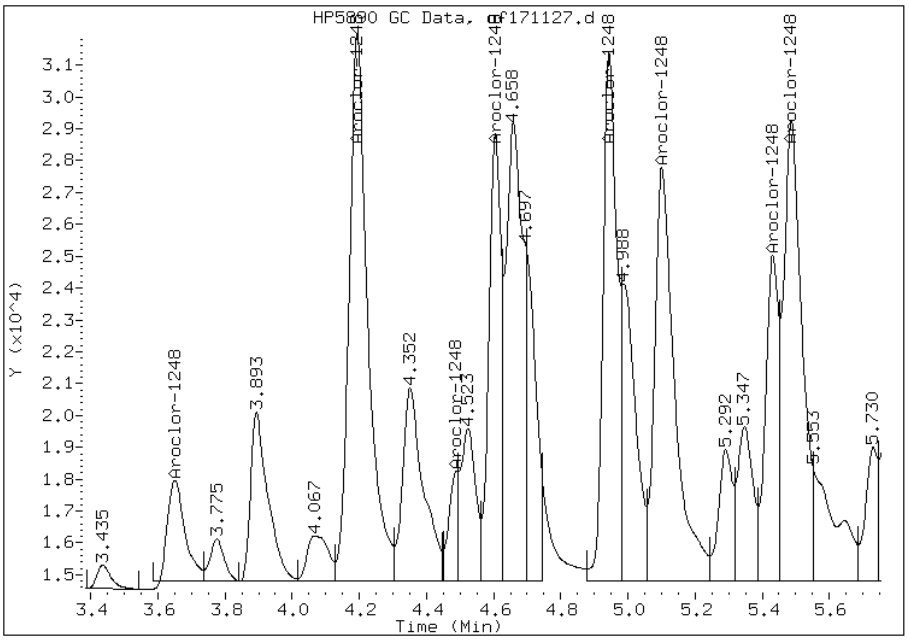
Manual Integration Results

RT: 3.65

Response: 11432

Amount: 252.95

Conc: 190.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) Lab Sample ID: 460-24279-6

Matrix: Solid Lab File ID: or171127.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:15

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.03(g) Date Analyzed: 04/01/2011 15:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	77	U	77	15
11104-28-2	Aroclor 1221	77	U	77	23
11141-16-5	Aroclor 1232	77	U	77	44
53469-21-9	Aroclor 1242	77	U	77	15
12672-29-6	Aroclor 1248	210		77	20
11097-69-1	Aroclor 1254	77	U	77	26
11096-82-5	Aroclor 1260	77	U	77	8.6
37324-23-5	Aroclor 1262	77	U	77	13
11100-14-4	Aroclor 1268	77	U	77	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/or171127.d
Lab Smp Id: 460-24279-F-6-C Client Smp ID: PMP3-SI-E (10.5-11)
Inj Date : 01-APR-2011 15:19
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-6-C
Misc Info : 460-24279-F-6-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 83
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	13.12102	% Moisture

Cpnd Variable Local Compound Variable

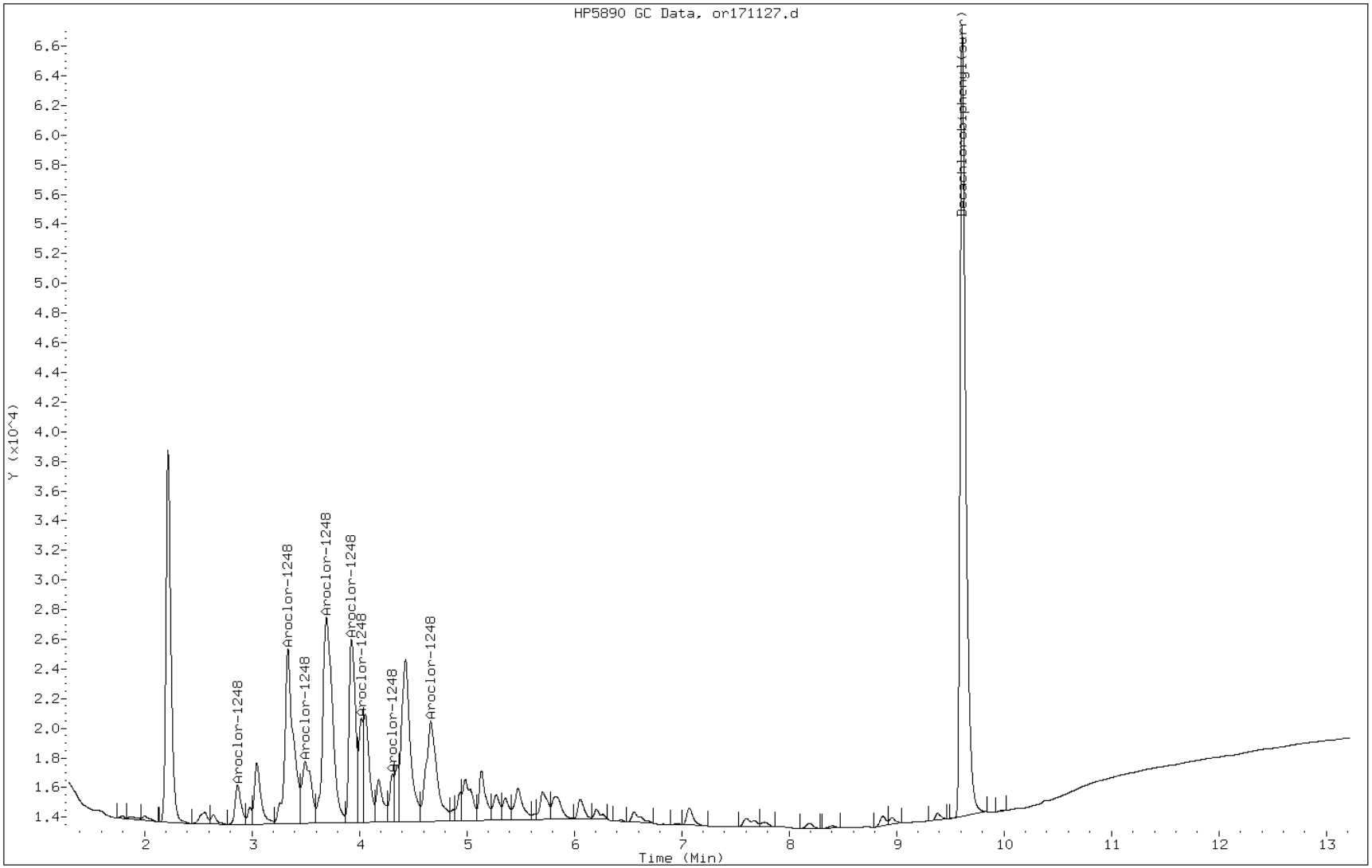
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.867	2.850	0.017	10428	135.978	100	80.00- 120.00	100.00
3.335	3.322	0.013	64396	338.184	260	198.64- 297.96	617.53
3.497	3.530	-0.033	25343	575.467	440	45.94- 68.91	243.03
3.695	3.688	0.007	87655	294.850	220	310.12- 465.18	840.57
3.927	3.920	0.007	51410	295.885	230	181.25- 271.88	493.00
4.018	4.015	0.003	17626	191.144	150	96.19- 144.29	169.03
4.308	4.305	0.003	8757	119.706	92	76.31- 114.47	83.98
4.665	4.663	0.002	47542	277.864	210	178.49- 267.73	455.91
Average of Peak Concentrations =					210		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.608	0.002	195436	52.7122	40	80.00- 120.00	100.00

Data File: or171127.d

Date: 01-APR-2011 15:19

Client ID: PMP3-SI-E (10.5-11) Instrument: PESTGC7.i

Sample Info: 460-24279-F-6-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) Lab Sample ID: 460-24279-7

Matrix: Solid Lab File ID: of171148.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:30

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.04(g) Date Analyzed: 04/02/2011 01:28

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	100000		7100	1900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171148.d
Report Date: 02-Apr-2011 03:10

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/of171148.d
Lab Smp Id: 460-24279-F-7-C Client Smp ID: PMP-7-VD-E (3.5-4)
Inj Date : 02-APR-2011 01:28
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-7-C
Misc Info : 460-24279-F-7-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 4
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	5.78187	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.643	3.630	0.013	0			80.00- 120.00	0.00(MH)
4.188	4.178	0.010	0			180.49- 270.73	0.00
4.485	4.478	0.007	0			27.02- 40.53	0.00
4.602	4.597	0.005	146264	1301.40	92000	101.71- 152.56	44.30
4.942	4.938	0.004	213448	1428.67	100000	135.20- 202.80	64.65
5.100	5.095	0.005	315565	1690.17	120000	168.96- 253.44	95.59
5.428	5.425	0.003	201611	1273.38	90000	143.28- 214.92	61.07
5.485	5.482	0.003	402800	1673.77	120000	217.78- 326.67	122.01
Average of Peak Concentrations =					100000		

Data File: of171148.d
Report Date: 02-Apr-2011 03:10

QC Flag Legend

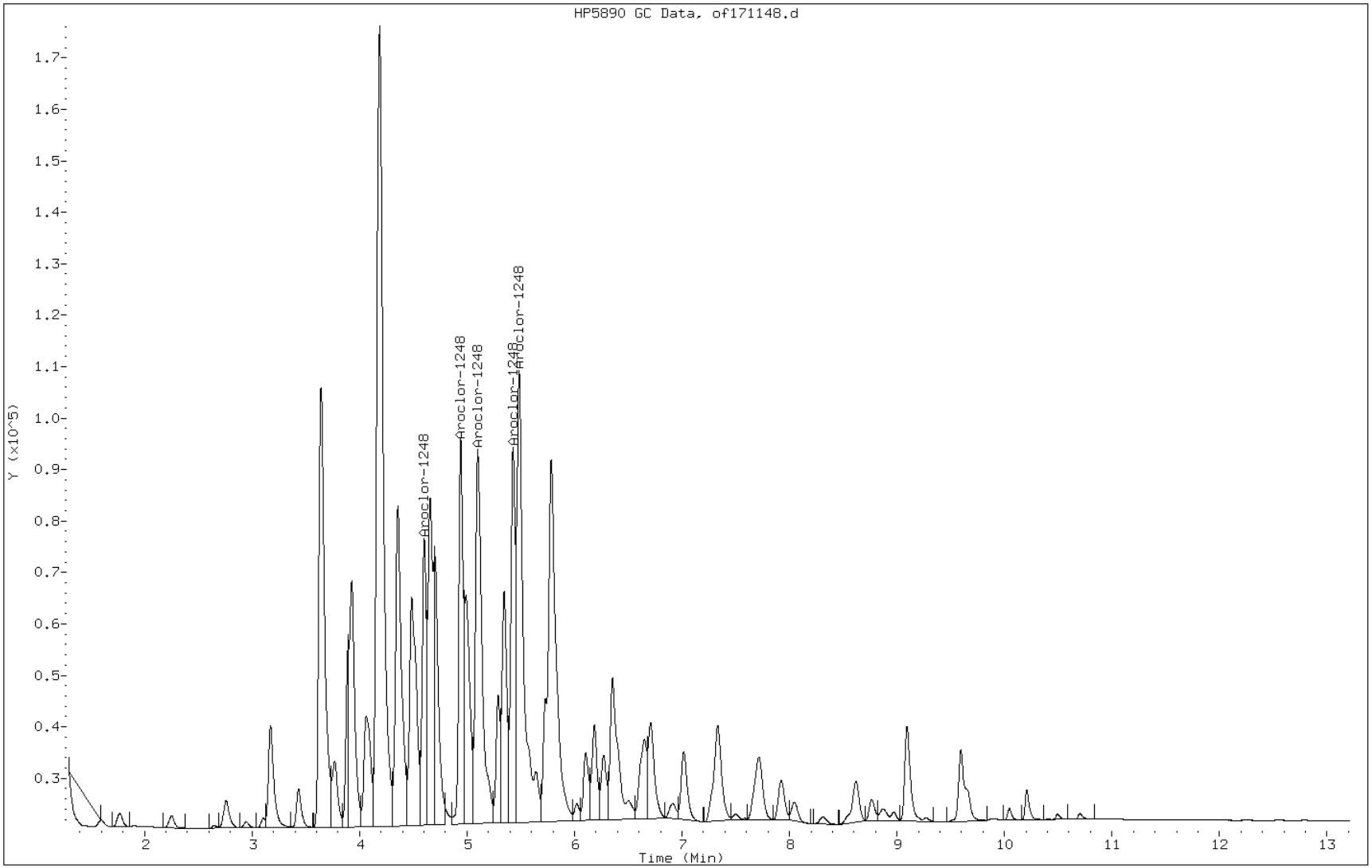
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of171148.d

Date: 02-APR-2011 01:28

Client ID: PMP-7-VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24279-F-7-C Operator: 615



Manual Integration Report

Data File: of171148.d
Inj. Date and Time: 02-APR-2011 01:28
Instrument ID: PESTGC7.i
Client ID: PMP-7-VD-E (3.5-4)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/02/2011

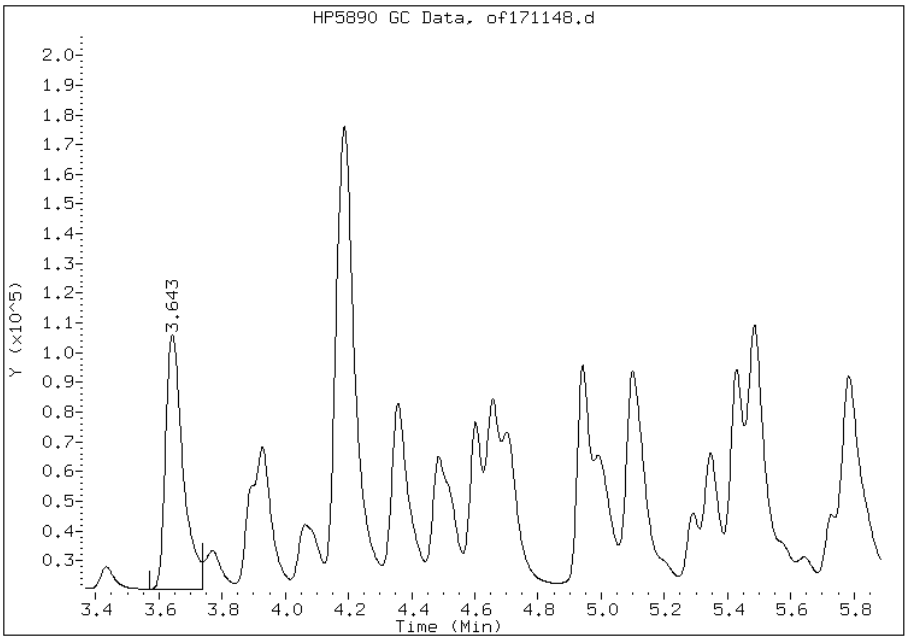
Processing Integration Results

RT: 3.64

Response: 330135

Amount: 2621.43

Conc: 180000.00



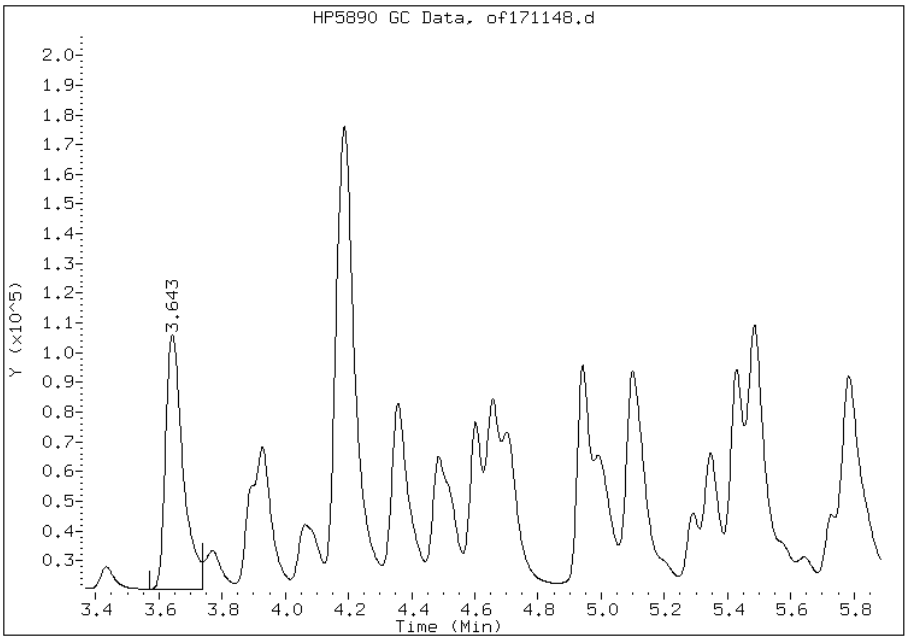
Manual Integration Results

RT: 3.64

Response: 0

Amount: 1473.48

Conc: 100000.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) Lab Sample ID: 460-24279-7

Matrix: Solid Lab File ID: or171148.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:30

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.04(g) Date Analyzed: 04/02/2011 01:28

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	7100	U	7100	1400
11104-28-2	Aroclor 1221	7100	U	7100	2100
11141-16-5	Aroclor 1232	7100	U	7100	4000
53469-21-9	Aroclor 1242	7100	U	7100	1300
11097-69-1	Aroclor 1254	7100	U	7100	2400
11096-82-5	Aroclor 1260	7100	U	7100	790
37324-23-5	Aroclor 1262	7100	U	7100	1200
11100-14-4	Aroclor 1268	7100	U	7100	1200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/or171148.d
Lab Smp Id: 460-24279-F-7-C Client Smp ID: PMP-7-VD-E (3.5-4)
Inj Date : 02-APR-2011 01:28
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-7-C
Misc Info : 460-24279-F-7-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 4
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	5.78187	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.862	2.850	0.012	0			80.00- 120.00	0.00(M)
3.328	3.322	0.006	0			198.64- 297.96	0.00
3.535	3.530	0.005	0			45.94- 68.91	0.00
3.693	3.688	0.005	227725	766.011	54000	310.12- 465.18	85.89
3.923	3.920	0.003	240053	1381.60	97000	181.25- 271.88	90.54
4.030	4.015	0.015	112854	1223.84	86000	96.19- 144.29	42.57
4.305	4.305	0.000	98596	1347.79	95000	76.31- 114.47	37.19
4.662	4.663	-0.001	223334	1305.30	92000	178.49- 267.73	84.24
Average of Peak Concentrations =					85000		

QC Flag Legend

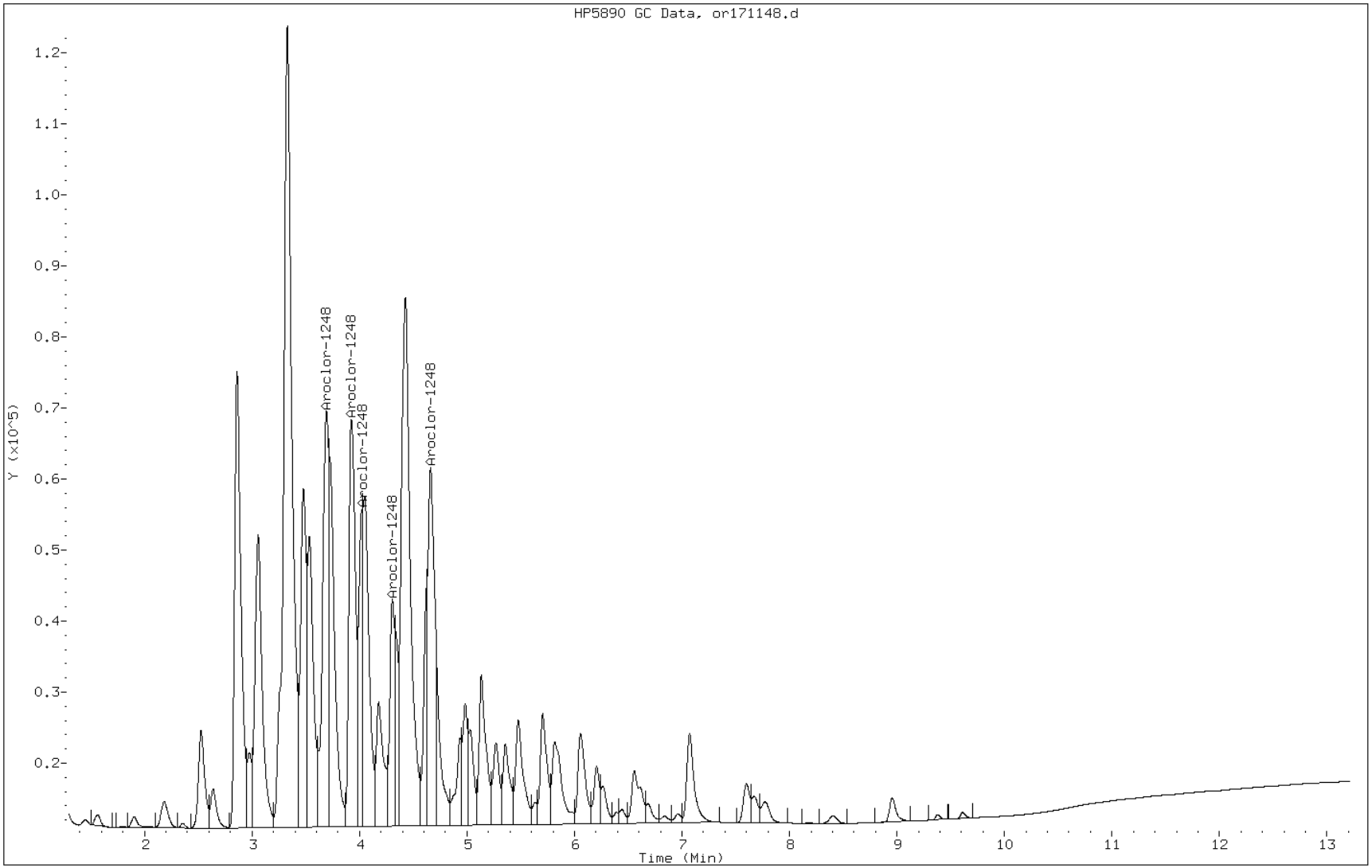
M - Compound response manually integrated.

Data File: or171148.d

Date: 02-APR-2011 01:28

Client ID: PMP-7-VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24279-F-7-C Operator: 615



Manual Integration Report

Data File: or171148.d
Inj. Date and Time: 02-APR-2011 01:28
Instrument ID: PESTGC7.i
Client ID: PMP-7-VD-E (3.5-4)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 2.85

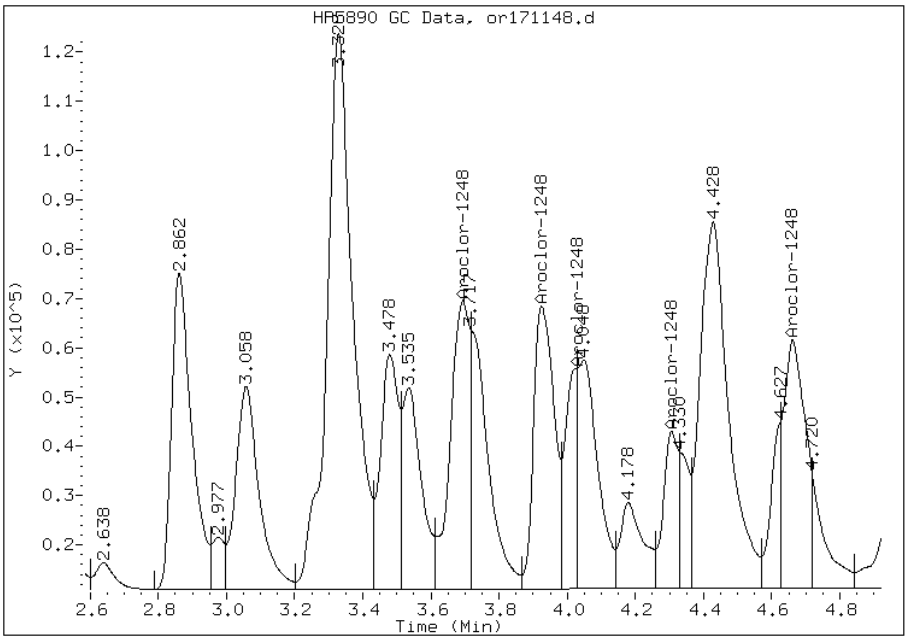
Manual Integration Results

RT: 2.86

Response: 0

Amount: 1204.91

Conc: 85000.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) Lab Sample ID: 460-24279-8

Matrix: Solid Lab File ID: of171149.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:35

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.02(g) Date Analyzed: 04/02/2011 01:44

Con. Extract Vol.: 10(mL) Dilution Factor: 500

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	530000		37000	7000
11096-82-5	Aroclor 1260	52000		37000	4100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/of171149.d
Lab Smp Id: 460-24279-F-8-C Client Smp ID: PMP-7-WT-E (8-8.5)
Inj Date : 02-APR-2011 01:44
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-8-C
Misc Info : 460-24279-F-8-C
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 5
Dil Factor: 500.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	500.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	8.96018	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.168	3.160	0.008	121361	1413.31	520000	80.00- 120.00	100.00(M)
3.638	3.633	0.005	231388	1409.12	520000	152.98- 229.47	190.66
3.925	3.922	0.003	117991	1456.64	530000	75.46- 113.20	97.22
4.183	4.180	0.003	436722	1440.40	530000	282.47- 423.70	359.85
4.353	4.350	0.003	195630	1508.40	550000	120.83- 181.24	161.20
4.598	4.598	0.000	93175	1427.12	520000	60.83- 91.24	76.78
5.097	5.097	0.000	197572	1618.89	590000	113.70- 170.55	162.80
5.427	5.425	0.002	120906	1366.63	500000	82.42- 123.63	99.63
Average of Peak Concentrations =					530000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.650	6.650	0.000	41578	156.975	57000	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.013	7.010	0.003	43899	148.838	54000	90.05- 135.07	105.58
7.712	7.708	0.004	56052	131.807	48000	132.74- 199.10	134.81
7.920	7.915	0.005	29515	147.425	54000	62.77- 94.16	70.99
8.043	8.040	0.003	15499	134.802	49000	37.54- 56.32	37.28
8.615	8.612	0.003	32150	141.698	52000	71.59- 107.39	77.32
9.595	9.592	0.003	34917	132.960	49000	79.71- 119.57	83.98
10.207	10.203	0.004	12435	137.624	50000	31.07- 46.60	29.91
		Average of Peak Concentrations =			52000		

QC Flag Legend

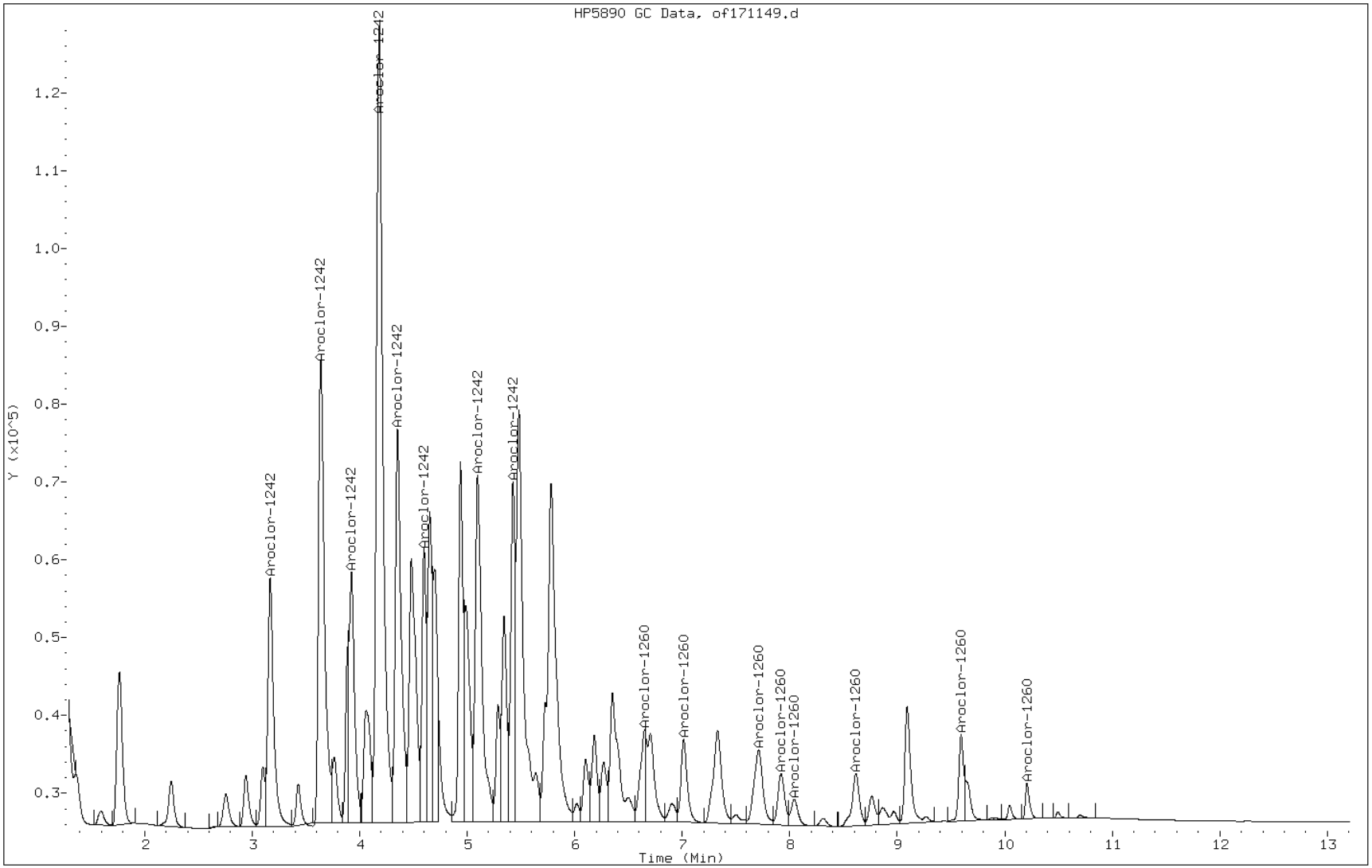
M - Compound response manually integrated.

Data File: of171149.d

Date: 02-APR-2011 01:44

Client ID: PMP-7-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24279-F-8-C Operator: 615



Manual Integration Report

Data File: of171149.d
Inj. Date and Time: 02-APR-2011 01:44
Instrument ID: PESTGC7.i
Client ID: PMP-7-WT-E (8-8.5)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

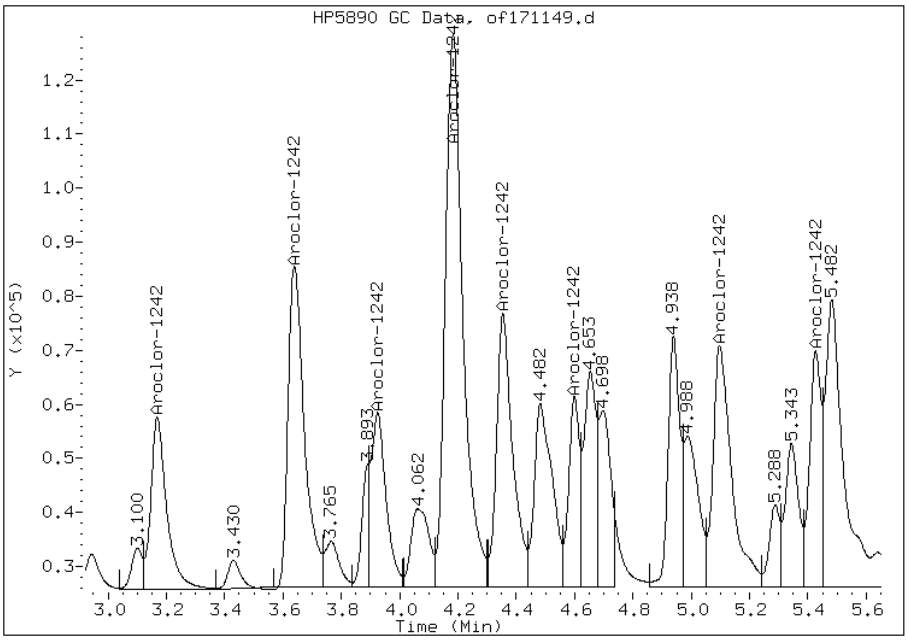
Manual Integration Results

RT: 3.17

Response: 121361

Amount: 1455.06

Conc: 530000.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171149.d
Inj. Date and Time: 02-APR-2011 01:44
Instrument ID: PESTGC7.i
Client ID: PMP-7-WT-E (8-8.5)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

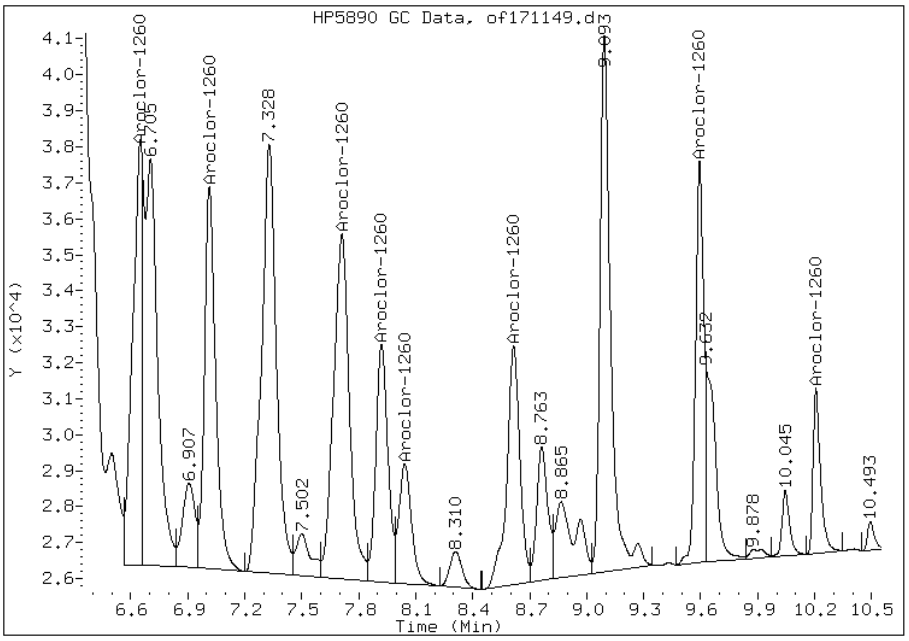
Manual Integration Results

RT: 6.65

Response: 41578

Amount: 141.52

Conc: 52000.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) Lab Sample ID: 460-24279-8

Matrix: Solid Lab File ID: or171149.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:35

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.02(g) Date Analyzed: 04/02/2011 01:44

Con. Extract Vol.: 10(mL) Dilution Factor: 500

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	37000	U	37000	7000
11104-28-2	Aroclor 1221	37000	U	37000	11000
11141-16-5	Aroclor 1232	37000	U	37000	21000
12672-29-6	Aroclor 1248	37000	U	37000	9800
11097-69-1	Aroclor 1254	37000	U	37000	13000
37324-23-5	Aroclor 1262	37000	U	37000	6300
11100-14-4	Aroclor 1268	37000	U	37000	6300

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

Data File: or171149.d
Report Date: 02-Apr-2011 03:10

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/or171149.d
Lab Smp Id: 460-24279-F-8-C Client Smp ID: PMP-7-WT-E (8-8.5)
Inj Date : 02-APR-2011 01:44
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-8-C
Misc Info : 460-24279-F-8-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 5
Dil Factor: 500.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	500.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	8.96018	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	105165	1245.22	460000	80.00- 120.00	100.00(M)
2.862	2.852	0.010	187049	1369.97	500000	129.33- 194.00	177.86
3.058	3.052	0.006	135967	1397.27	510000	92.18- 138.26	129.29
3.328	3.323	0.005	405051	1446.57	530000	265.24- 397.85	385.16
3.477	3.470	0.007	139644	1381.82	500000	95.73- 143.59	132.79
3.693	3.692	0.001	141197	739.166	270000	180.95- 271.42	134.26
3.923	3.922	0.001	148229	1302.91	480000	107.77- 161.65	140.95
4.660	4.667	-0.007	122949	1167.52	430000	99.75- 149.63	116.91
Average of Peak Concentrations =					460000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.357	5.355	0.002	28925	135.504	50000	80.00- 120.00	100.00(H)

Data File: or171149.d
Report Date: 02-Apr-2011 03:10

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.703	5.702	0.001	41136	110.294	40000	138.88- 208.33	142.22
6.055	6.053	0.002	33699	99.1787	36000	128.51- 192.77	116.50
6.205	6.203	0.002	19479	130.066	48000	58.14- 87.21	67.34
6.557	6.555	0.002	28946	182.825	67000	60.54- 90.81	100.07
7.598	7.598	0.000	18319	85.2863	31000	70.37- 105.55	63.33
7.772	7.770	0.002	12986	114.018	42000	48.14- 72.21	44.90
8.955	8.955	0.000	11035	109.720	40000	41.26- 61.89	38.15
			Average of Peak Concentrations =		44000		

QC Flag Legend

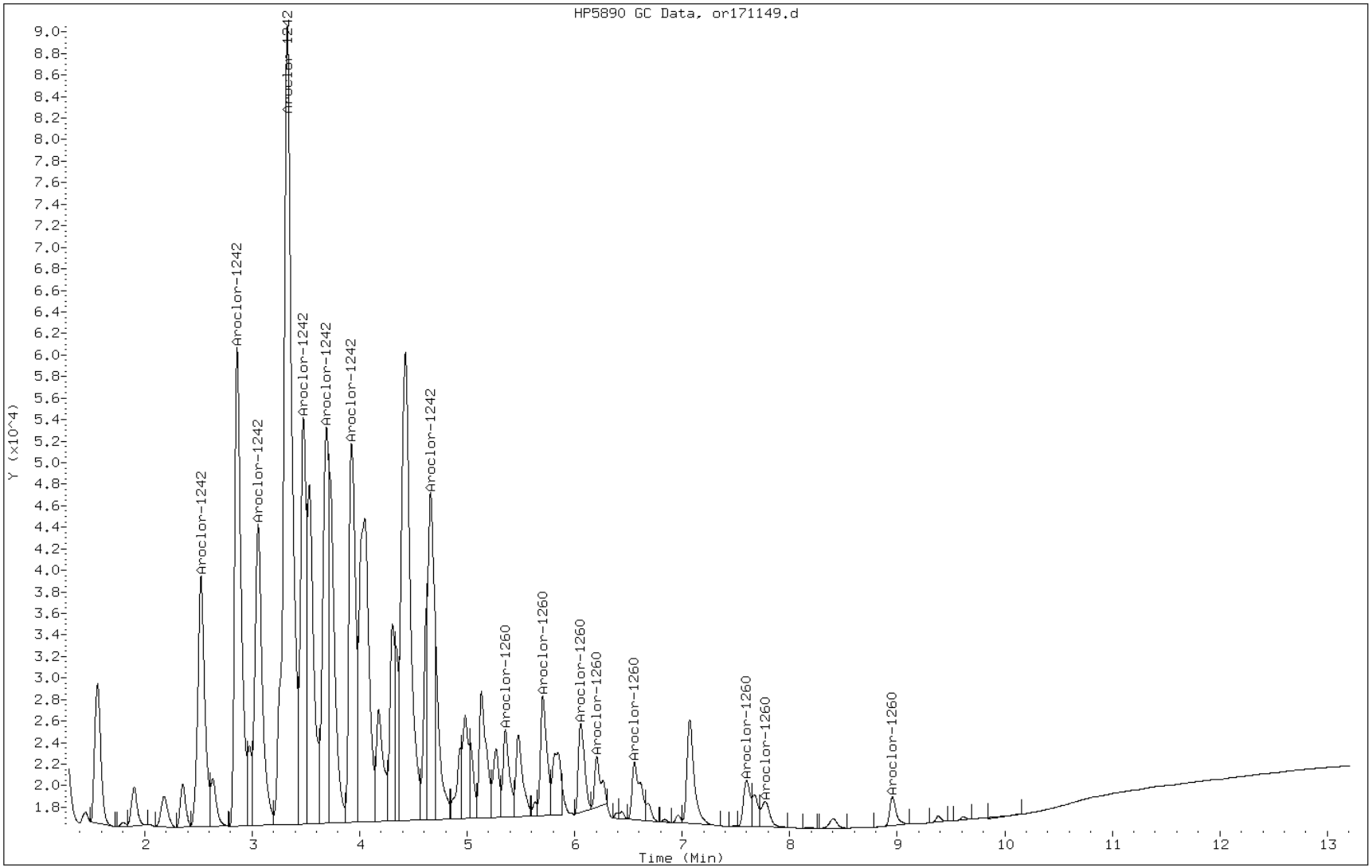
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or171149.d

Date: 02-APR-2011 01:44

Client ID: PMP-7-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24279-F-8-C Operator: 615



Manual Integration Report

Data File: or171149.d
Inj. Date and Time: 02-APR-2011 01:44
Instrument ID: PESTGC7.i
Client ID: PMP-7-WT-E (8-8.5)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/02/2011

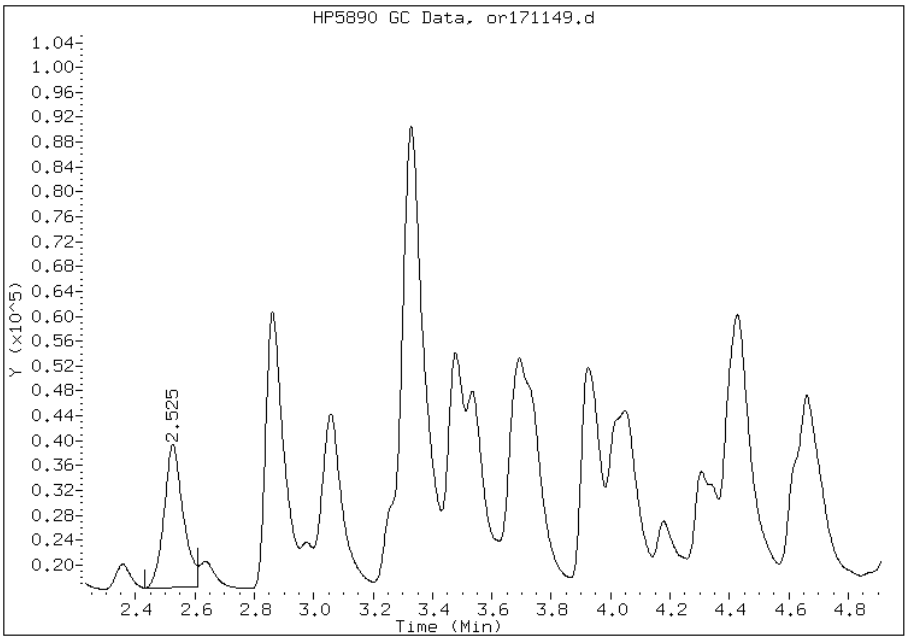
Processing Integration Results

RT: 2.52

Response: 103575

Amount: 1241.27

Conc: 450000.00



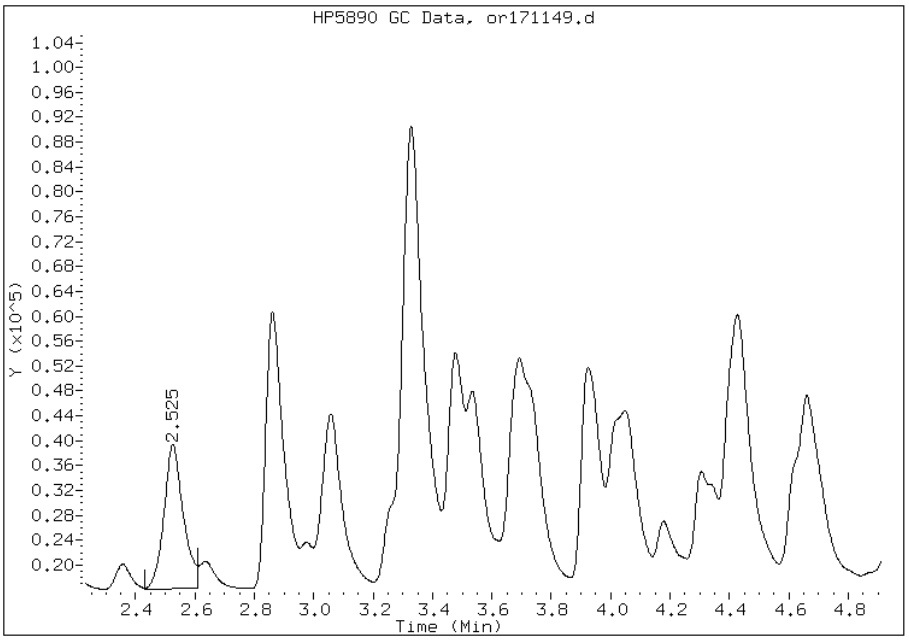
Manual Integration Results

RT: 2.52

Response: 105165

Amount: 1256.31

Conc: 460000.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) Lab Sample ID: 460-24279-9

Matrix: Solid Lab File ID: of171150.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:40

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 02:01

Con. Extract Vol.: 10(mL) Dilution Factor: 25

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	37000		1900	360
11096-82-5	Aroclor 1260	4500		1900	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171150.d
Report Date: 02-Apr-2011 03:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/of171150.d
Lab Smp Id: 460-24279-F-9-C Client Smp ID: PMP-7-SI-E (10.5-11
Inj Date : 02-APR-2011 02:01
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-9-C
Misc Info : 460-24279-F-9-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 6
Dil Factor: 25.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	25.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	12.63158	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.173	3.160	0.013	156609	1823.79	35000	80.00- 120.00	100.00(M)
3.643	3.633	0.010	304184	1852.44	35000	152.98- 229.47	194.23
3.928	3.922	0.006	159493	1969.00	37000	75.46- 113.20	101.84
4.188	4.180	0.008	574116	1893.55	36000	282.47- 423.70	366.59
4.358	4.350	0.008	258588	1993.83	38000	120.83- 181.24	165.12
4.603	4.598	0.005	124963	1914.00	36000	60.83- 91.24	79.79
5.100	5.097	0.003	265329	2174.08	41000	113.70- 170.55	169.42
5.430	5.425	0.005	165990	1876.23	36000	82.42- 123.63	105.99
Average of Peak Concentrations =					37000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.653	6.650	0.003	125487	473.767	9000	80.00- 120.00	100.00(H)

Data File: of171150.d
Report Date: 02-Apr-2011 03:32

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.017	7.010	0.007	58922	199.773	3800	90.05- 135.07	46.95
7.715	7.708	0.007	71229	167.496	3200	132.74- 199.10	56.76
7.923	7.915	0.008	36056	180.097	3400	62.77- 94.16	28.73
8.047	8.040	0.007	18119	157.589	3000	37.54- 56.32	14.44
8.618	8.612	0.006	42250	186.213	3500	71.59- 107.39	33.67
9.595	9.592	0.003	76425	291.017	5500	79.71- 119.57	60.90
10.207	10.203	0.004	19406	214.776	4100	31.07- 46.60	15.46
		Average of Peak Concentrations =			4400		

QC Flag Legend

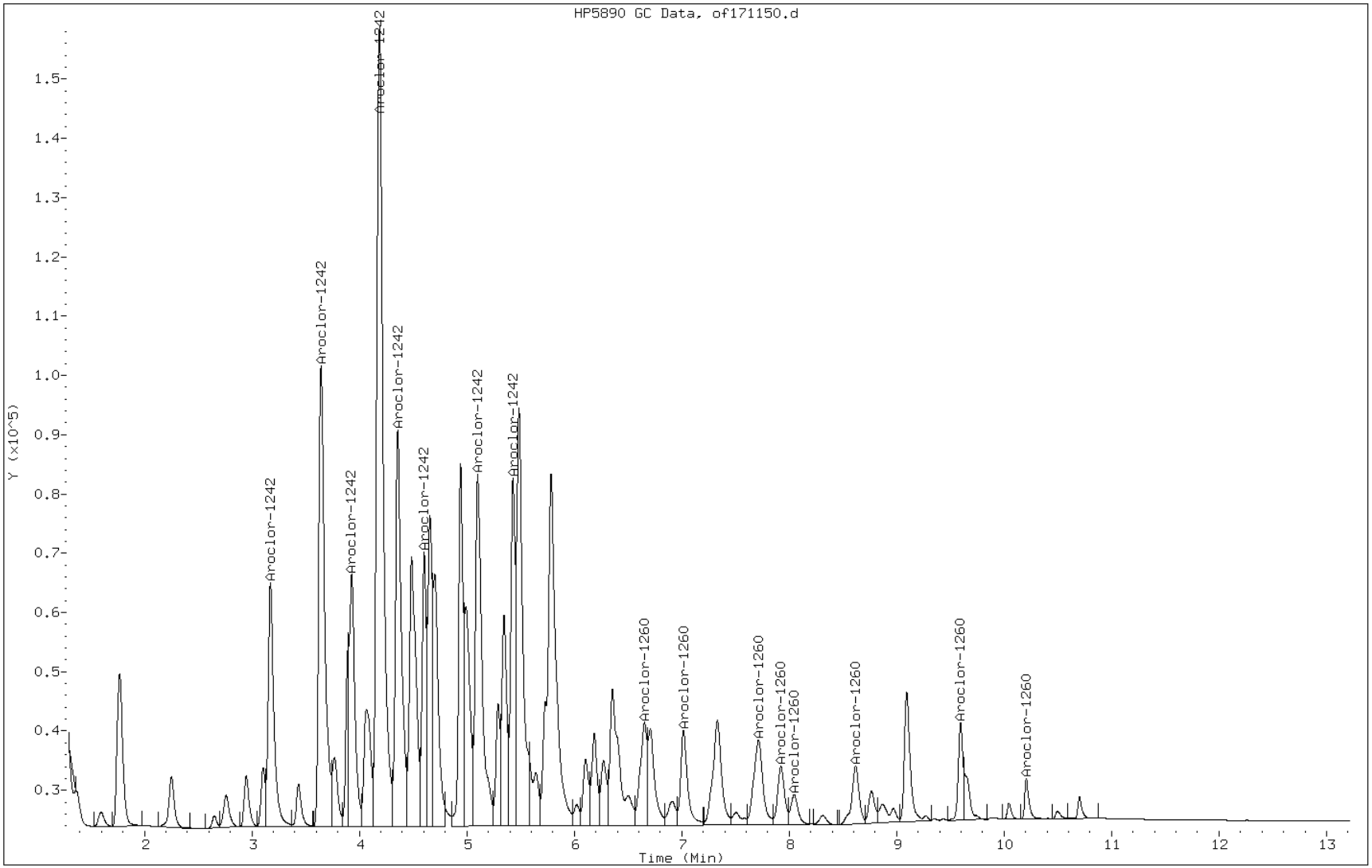
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of171150.d

Date: 02-APR-2011 02:01

Client ID: PMP-7-SI-E (10.5-11 Instrument: PESTGC7.i

Sample Info: 460-24279-F-9-C Operator: 615



Manual Integration Report

Data File: of171150.d
Inj. Date and Time: 02-APR-2011 02:01
Instrument ID: PESTGC7.i
Client ID: PMP-7-SI-E (10.5-11
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/02/2011

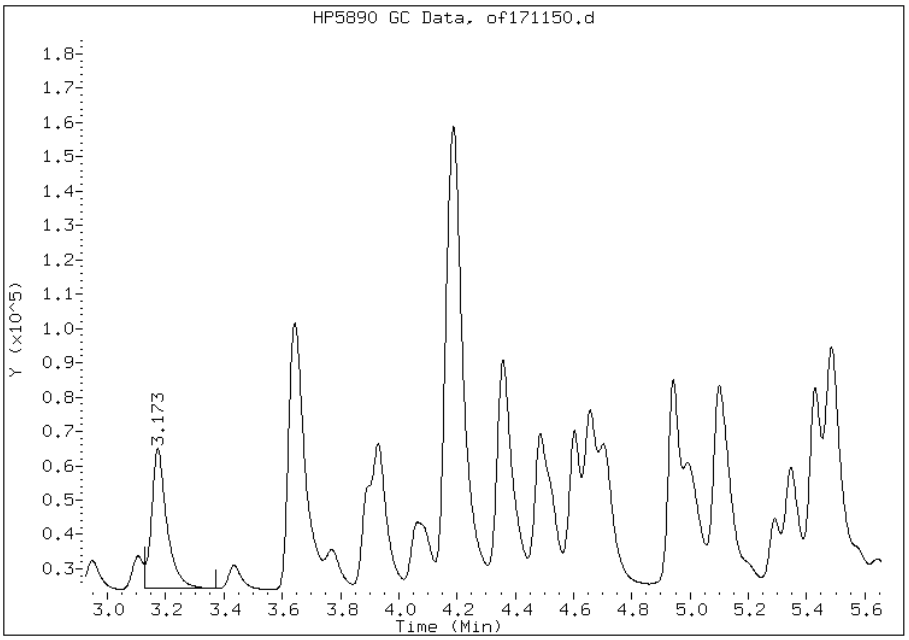
Processing Integration Results

RT: 3.17

Response: 150117

Amount: 1869.00

Conc: 1400.00



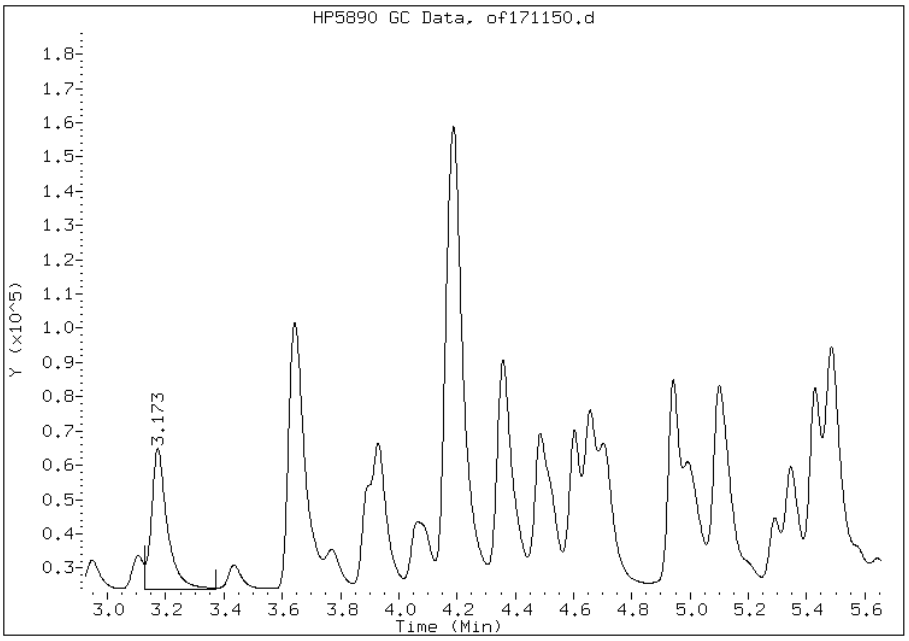
Manual Integration Results

RT: 3.17

Response: 156609

Amount: 1937.12

Conc: 37000.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) Lab Sample ID: 460-24279-9

Matrix: Solid Lab File ID: or171150.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:40

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 02:01

Con. Extract Vol.: 10(mL) Dilution Factor: 25

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1900	U	1900	370
11104-28-2	Aroclor 1221	1900	U	1900	580
11141-16-5	Aroclor 1232	1900	U	1900	1100
12672-29-6	Aroclor 1248	1900	U	1900	510
11097-69-1	Aroclor 1254	1900	U	1900	650
37324-23-5	Aroclor 1262	1900	U	1900	330
11100-14-4	Aroclor 1268	1900	U	1900	330

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/or171150.d
Lab Smp Id: 460-24279-F-9-C Client Smp ID: PMP-7-SI-E (10.5-11
Inj Date : 02-APR-2011 02:01
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24279-F-9-C
Misc Info : 460-24279-F-9-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 6
Dil Factor: 25.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	25.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	12.63158	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	137074	1623.04	31000	80.00- 120.00	100.00(M)
2.862	2.852	0.010	238968	1750.23	33000	129.33- 194.00	174.34
3.058	3.052	0.006	177823	1827.41	35000	92.18- 138.26	129.73
3.328	3.323	0.005	533588	1905.62	36000	265.24- 397.85	389.27
3.478	3.470	0.008	181296	1793.98	34000	95.73- 143.59	132.26
3.693	3.692	0.001	331187	1733.76	33000	180.95- 271.42	241.61
3.925	3.922	0.003	197311	1734.33	33000	107.77- 161.65	143.94
4.662	4.667	-0.005	0			99.75- 149.63	0.00
Average of Peak Concentrations =					34000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.357	5.355	0.002	54763	256.546	4900	80.00- 120.00	100.00(MH)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.705	5.702	0.003	75796	203.225	3900	138.88- 208.33	138.41
6.057	6.053	0.004	67000	197.186	3800	128.51- 192.77	122.35
6.207	6.203	0.004	34310	229.096	4400	58.14- 87.21	62.65
6.557	6.555	0.002	33077	208.917	4000	60.54- 90.81	60.40
7.600	7.598	0.002	29626	137.927	2600	70.37- 105.55	54.10
7.773	7.770	0.003	20812	182.732	3500	48.14- 72.21	38.00
8.957	8.955	0.002	17642	175.413	3300	41.26- 61.89	32.22
			Average of Peak Concentrations =		3800		

QC Flag Legend

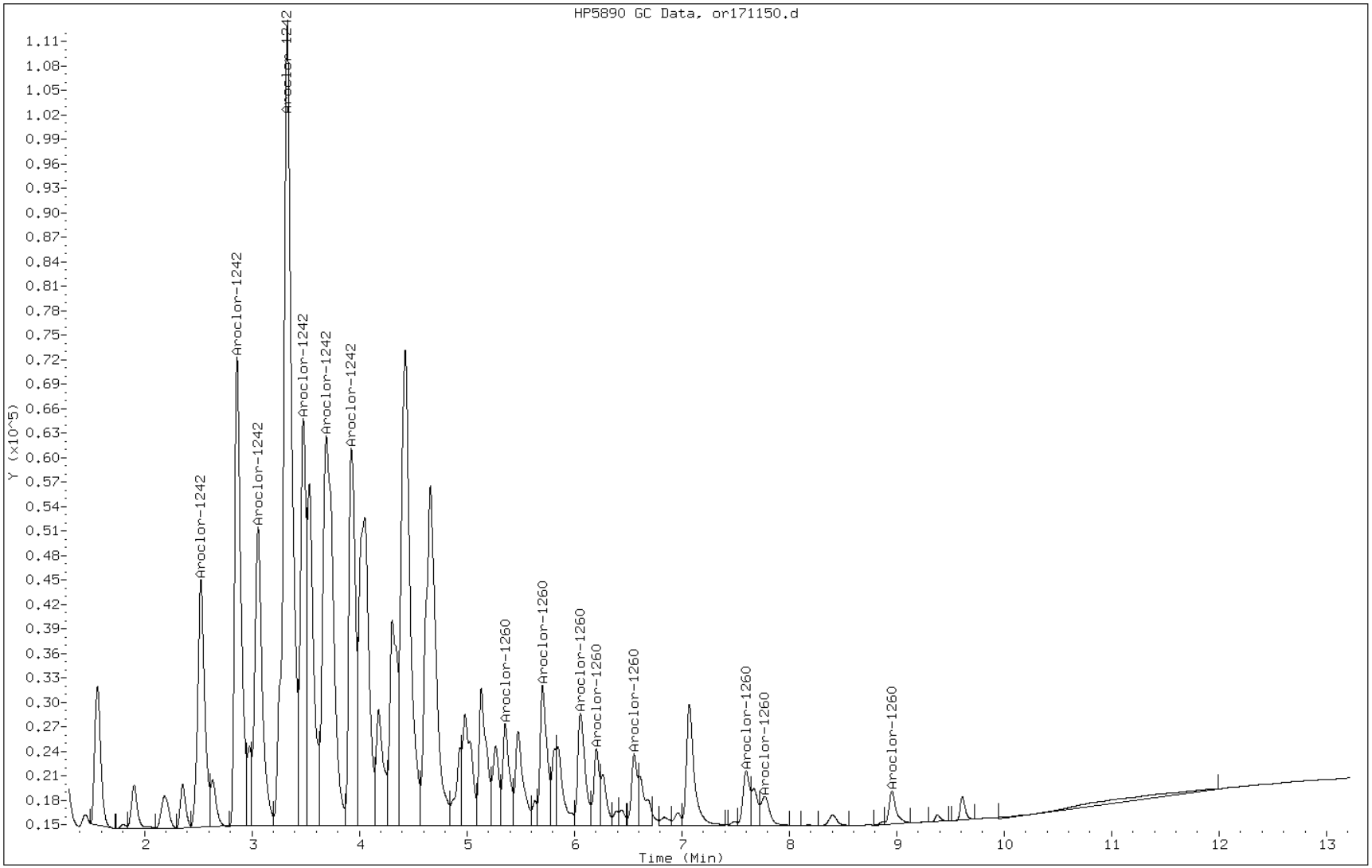
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or171150.d

Date: 02-APR-2011 02:01

Client ID: PMP-7-SI-E (10.5-11 Instrument: PESTGC7.i

Sample Info: 460-24279-F-9-C Operator: 615



Manual Integration Report

Data File: or171150.d
Inj. Date and Time: 02-APR-2011 02:01
Instrument ID: PESTGC7.i
Client ID: PMP-7-SI-E (10.5-11
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/02/2011

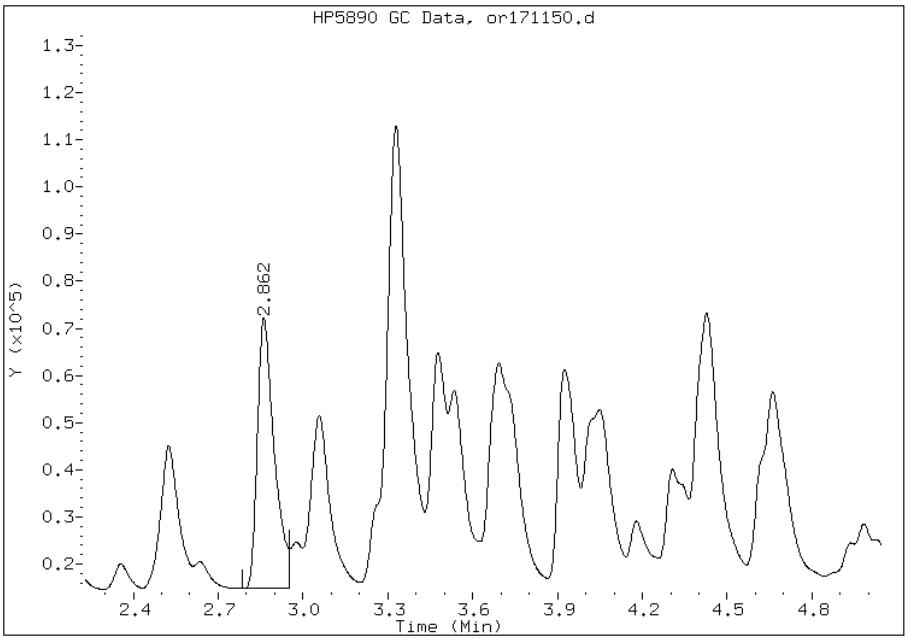
Processing Integration Results

RT: 2.86

Response: 238823

Amount: 1745.04

Conc: 33000.00



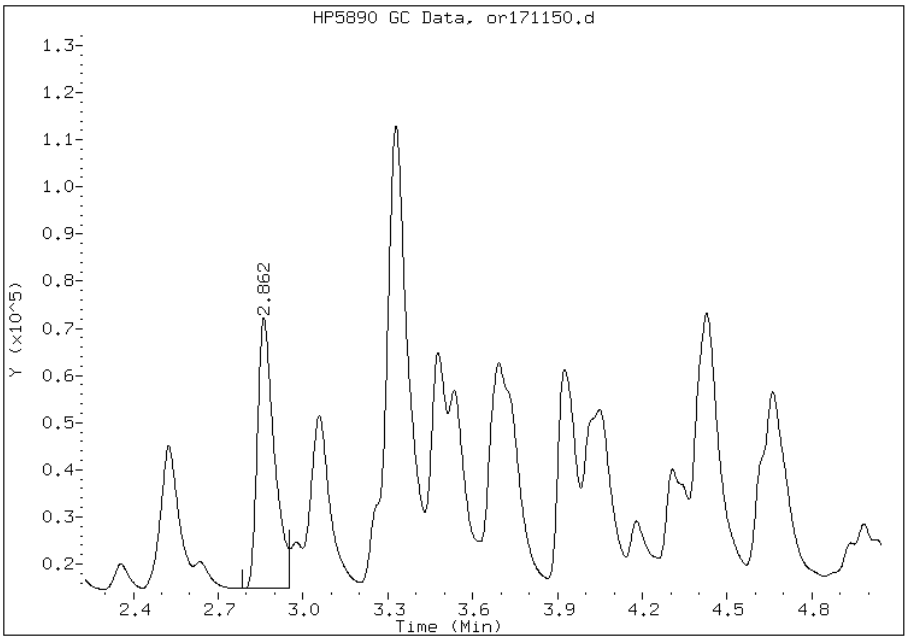
Manual Integration Results

RT: 2.86

Response: 238968

Amount: 1766.91

Conc: 34000.00



Manually Integrated By: catalina
Manual Integration Reason:

Manual Integration Report

Data File: or171150.d
Inj. Date and Time: 02-APR-2011 02:01
Instrument ID: PESTGC7.i
Client ID: PMP-7-SI-E (10.5-11
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/02/2011

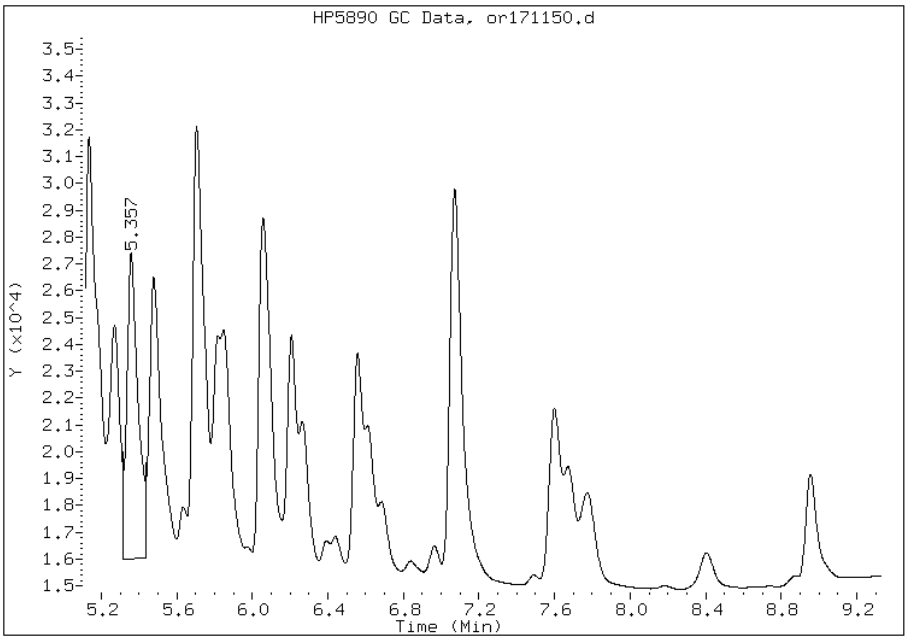
Processing Integration Results

RT: 5.36

Response: 46148

Amount: 167.45

Conc: 3200.00



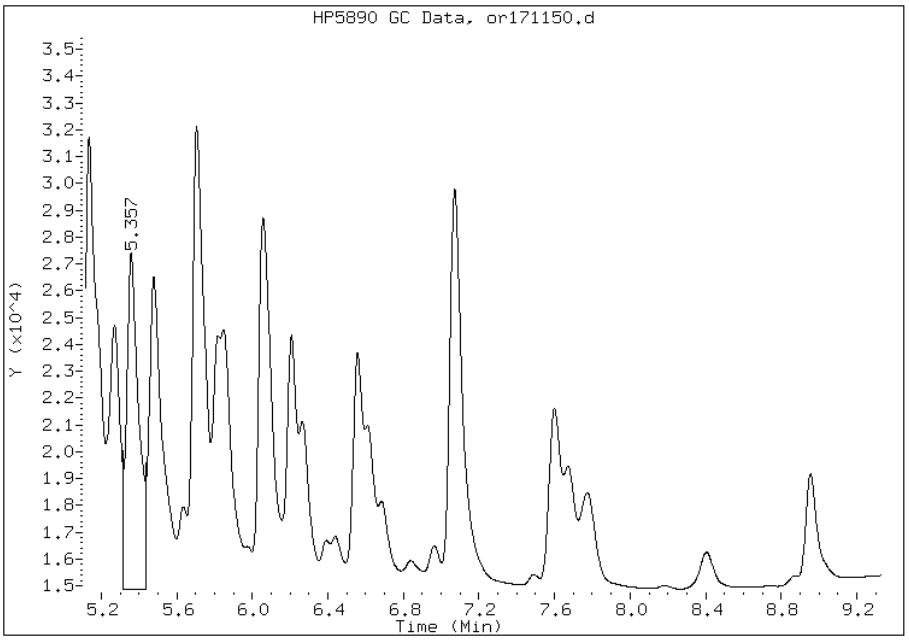
Manual Integration Results

RT: 5.36

Response: 54763

Amount: 198.88

Conc: 3800.00



Manually Integrated By: catalina
Manual Integration Reason:

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	of170283.d
Level 2	IC 460-66778/6	of170284.d
Level 3	IC 460-66778/7	of170285.d
Level 4	IC 460-66778/8	of170286.d
Level 5	IC 460-66778/9	of170287.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.163	3.157	3.160	3.158	3.160						3.090 - 3.230	3.160
PCB-1016 Peak 2	3.638	3.630	3.633	3.633	3.635						3.563 - 3.703	3.634
PCB-1016 Peak 3	3.925	3.918	3.922	3.922	3.922						3.852 - 3.992	3.922
PCB-1016 Peak 4	4.183	4.177	4.180	4.180	4.182						4.110 - 4.250	4.180
PCB-1016 Peak 5	4.353	4.348	4.350	4.350	4.352						4.280 - 4.420	4.351
PCB-1016 Peak 6	4.657	4.650	4.653	4.652	4.653						4.583 - 4.723	4.653
PCB-1016 Peak 7	4.942	4.937	4.938	4.938	4.938						4.868 - 5.008	4.939
PCB-1016 Peak 8	5.100	5.095	5.097	5.097	5.098						5.027 - 5.167	5.097
PCB-1260 Peak 1	6.660	6.655	6.657	6.657	6.657						6.587 - 6.727	6.657
PCB-1260 Peak 2	7.020	7.015	7.017	7.017	7.017						6.947 - 7.087	7.017
PCB-1260 Peak 3	7.718	7.713	7.717	7.717	7.718						7.647 - 7.787	7.717
PCB-1260 Peak 4	7.930	7.923	7.927	7.927	7.927						7.857 - 7.997	7.927
PCB-1260 Peak 5	8.053	8.048	8.050	8.050	8.052						7.980 - 8.120	8.051
PCB-1260 Peak 6	8.625	8.620	8.622	8.622	8.623						8.552 - 8.692	8.622
PCB-1260 Peak 7	9.598	9.595	9.597	9.597	9.597						9.527 - 9.667	9.597
PCB-1260 Peak 8	10.210	10.208	10.208	10.208	10.208						10.138 - 10.278	10.209
DCB Decachlorobiphenyl	10.703	10.702	10.702	10.702	10.702						10.602 - 10.802	10.702

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	of170283.d
Level 2	IC 460-66778/6	of170284.d
Level 3	IC 460-66778/7	of170285.d
Level 4	IC 460-66778/8	of170286.d
Level 5	IC 460-66778/9	of170287.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	118.29 81.389	103.73	90.975	88.720	Ave		96.6215600				15.1		20.0			
PCB-1016 Peak 2	244.39 164.47	227.15	191.25	180.41	Ave		201.534253				16.5		20.0			
PCB-1016 Peak 3	99.800 84.918	103.26	90.057	91.436	Ave		93.8942800				8.0		20.0			
PCB-1016 Peak 4	405.19 314.94	407.70	350.83	341.16	Ave		363.962720				11.3		20.0			
PCB-1016 Peak 5	176.41 135.83	176.52	151.84	148.21	Ave		157.760333				11.5		20.0			
PCB-1016 Peak 6	132.03 83.688	114.39	103.45	84.566	Ave		103.625200				19.8		20.0			
PCB-1016 Peak 7	127.48 93.860	119.84	95.170	99.213	Ave		107.112053				14.4		20.0			
PCB-1016 Peak 8	130.45 114.02	136.30	122.20	122.47	Ave		125.088120				6.8		20.0			
PCB-1260 Peak 1	341.13 217.22	285.80	241.74	238.47	Ave		264.870627				18.6		20.0			
PCB-1260 Peak 2	376.98 242.58	318.86	270.14	266.18	Ave		294.945440				18.2		20.0			
PCB-1260 Peak 3	508.50 369.08	451.49	399.85	397.37	Ave		425.256827				13.0		20.0			
PCB-1260 Peak 4	252.10 167.34	214.66	185.30	181.61	Ave		200.202840				16.8		20.0			
PCB-1260 Peak 5	132.16 102.28	122.46	107.84	110.14	Ave		114.975973				10.5		20.0			
PCB-1260 Peak 6	267.30 197.94	245.26	213.55	210.40	Ave		226.890760				12.6		20.0			
PCB-1260 Peak 7	333.32 219.75	270.50	240.31	249.19	Ave		262.613640				16.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	105.35 80.077	96.112	85.095	85.139	Ave		90.3547067				11.3		20.0			
DCB Decachlorobiphenyl	3876.2 2507.3	3229.0	2688.5	2532.3	Ave		2966.64467				19.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	of170283.d
Level 2	IC 460-66778/6	of170284.d
Level 3	IC 460-66778/7	of170285.d
Level 4	IC 460-66778/8	of170286.d
Level 5	IC 460-66778/9	of170287.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	11829	51867	90975	133080	203472	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	24439	113574	191247	270619	411184	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	9980	51630	90057	137154	212296	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	40519	203850	350828	511737	787344	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	17641	88259	151835	222319	339565	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	13203	57194	103454	126849	209220	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	12748	59919	95170	148819	234649	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	13045	68149	122203	183711	285039	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	34113	142900	241735	357698	543057	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	37698	159429	270136	399264	606443	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	50850	225745	399850	596051	922692	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	25210	107331	185299	272415	418358	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	13216	61229	107838	165217	255698	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	26730	122628	213551	315606	494857	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	33332	135248	240313	373785	549373	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	10535	48056	85095	127709	200193	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	96904	161452	268849	379841	501452	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	or170283.d
Level 2	IC 460-66778/6	or170284.d
Level 3	IC 460-66778/7	or170285.d
Level 4	IC 460-66778/8	or170286.d
Level 5	IC 460-66778/9	or170287.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.515	2.512	2.515	2.512	2.512						2.445 - 2.585	2.513
PCB-1016 Peak 2	2.855	2.852	2.855	2.852	2.852						2.785 - 2.925	2.853
PCB-1016 Peak 3	3.053	3.052	3.053	3.052	3.052						2.983 - 3.123	3.052
PCB-1016 Peak 4	3.325	3.323	3.325	3.323	3.323						3.255 - 3.395	3.324
PCB-1016 Peak 5	3.473	3.472	3.472	3.470	3.470						3.402 - 3.542	3.471
PCB-1016 Peak 6	3.535	3.533	3.533	3.532	3.532						3.463 - 3.603	3.533
PCB-1016 Peak 7	3.925	3.922	3.923	3.922	3.922						3.853 - 3.993	3.923
PCB-1016 Peak 8	4.057	4.053	4.053	4.052	4.052						3.983 - 4.123	4.053
PCB-1260 Peak 1	5.367	5.365	5.365	5.363	5.365						5.295 - 5.435	5.365
PCB-1260 Peak 2	5.715	5.712	5.713	5.712	5.712						5.643 - 5.783	5.713
PCB-1260 Peak 3	6.067	6.065	6.065	6.063	6.065						5.995 - 6.135	6.065
PCB-1260 Peak 4	6.220	6.218	6.218	6.217	6.218						6.148 - 6.288	6.218
PCB-1260 Peak 5	6.573	6.572	6.572	6.570	6.572						6.502 - 6.642	6.572
PCB-1260 Peak 6	7.622	7.620	7.622	7.620	7.622						7.552 - 7.692	7.621
PCB-1260 Peak 7	7.797	7.795	7.797	7.795	7.795						7.727 - 7.867	7.796
PCB-1260 Peak 8	8.975	8.975	8.975	8.975	8.975						8.905 - 9.045	8.975
DCB Decachlorobiphenyl	9.625	9.625	9.625	9.623	9.625						9.525 - 9.725	9.625

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	or170283.d
Level 2	IC 460-66778/6	or170284.d
Level 3	IC 460-66778/7	or170285.d
Level 4	IC 460-66778/8	or170286.d
Level 5	IC 460-66778/9	or170287.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	118.29 82.044	106.61	90.434	89.719	Ave		97.4190133				15.1		20.0			
PCB-1016 Peak 2	190.58 140.31	191.93	159.63	154.15	Ave		167.321333				13.7		20.0			
PCB-1016 Peak 3	107.26 106.72	133.54	113.33	113.73	Ave		114.915480				9.5		20.0			
PCB-1016 Peak 4	337.95 298.39	376.36	325.32	319.88	Ave		331.579493				8.7		20.0			
PCB-1016 Peak 5	128.48 103.78	136.85	117.31	115.09	Ave		120.304693				10.6		20.0			
PCB-1016 Peak 6	80.110 95.440	107.70	96.000	97.577	Ave		95.3655467				10.4		20.0			
PCB-1016 Peak 7	131.38 113.63	144.87	125.33	122.57	Ave		127.553240				9.1		20.0			
PCB-1016 Peak 8	65.110 72.906	86.316	74.933	76.115	Ave		75.0759333				10.1		20.0			
PCB-1260 Peak 1	266.21 178.04	233.13	197.19	192.75	Ave		213.462947				16.8		20.0			
PCB-1260 Peak 2	472.48 308.81	406.27	343.00	334.26	Ave		372.965640				17.7		20.0			
PCB-1260 Peak 3	396.15 296.99	369.84	320.19	315.73	Ave		339.780720				12.2		20.0			
PCB-1260 Peak 4	189.73 125.92	161.82	136.93	134.41	Ave		149.762853				17.4		20.0			
PCB-1260 Peak 5	192.04 134.85	171.58	146.12	147.05	Ave		158.326307				14.6		20.0			
PCB-1260 Peak 6	209.54 183.43	215.54	194.82	270.65	Ave		214.794213				15.7		20.0			
PCB-1260 Peak 7	113.34 108.68	122.80	111.37	113.28	Ave		113.893813				4.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	110.66 93.142	105.47	95.830	97.763	Ave		100.573867				7.2		20.0			
DCB Decachlorobiphenyl	4822.5 3152.8	4018.8	3400.9	3143.1	Ave		3707.60500				19.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	or170283.d
Level 2	IC 460-66778/6	or170284.d
Level 3	IC 460-66778/7	or170285.d
Level 4	IC 460-66778/8	or170286.d
Level 5	IC 460-66778/9	or170287.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	11829	53304	90434	134578	205111	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	19058	95966	159628	231229	350785	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	10726	66769	113333	170589	266801	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	33795	188181	325320	479815	745972	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	12848	68426	117312	172642	259462	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	8011	53850	96000	146366	238601	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	13138	72435	125325	183849	284063	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	6511	43158	74933	114172	182265	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	26621	116564	197193	289118	445096	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	47248	203136	343003	501396	772023	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	39615	184919	320188	473601	742484	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	18973	80910	136928	201619	314809	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	19204	85789	146115	220571	337128	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	20954	107769	194816	405973	458571	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	11334	61401	111368	169924	271691	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	11066	52737	95830	146645	232855	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	120563	200938	340091	471459	630555	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	of170288.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.172										2.102 - 2.242	2.172
PCB-1221 Peak 2	2.528										2.458 - 2.598	2.528
PCB-1221 Peak 3	2.937										2.867 - 3.007	2.937
PCB-1221 Peak 4	3.093										3.023 - 3.163	3.093
PCB-1221 Peak 5	3.163										3.093 - 3.233	3.163
PCB-1221 Peak 6	3.703										3.633 - 3.773	3.703
PCB-1221 Peak 7	3.928										3.858 - 3.998	3.928
PCB-1221 Peak 8	4.185										4.115 - 4.255	4.185

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	of170288.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	48.407				Ave		48.4070000						20.0			
PCB-1221 Peak 2	15.439				Ave		15.4390000						20.0			
PCB-1221 Peak 3	52.987				Ave		52.9870000						20.0			
PCB-1221 Peak 4	35.529				Ave		35.5290000						20.0			
PCB-1221 Peak 5	135.40				Ave		135.404000						20.0			
PCB-1221 Peak 6	30.790				Ave		30.7900000						20.0			
PCB-1221 Peak 7	10.996				Ave		10.9960000						20.0			
PCB-1221 Peak 8	26.185				Ave		26.1850000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	of170288.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	48407					1000				
PCB-1221 Peak 2	Ave	15439					1000				
PCB-1221 Peak 3	Ave	52987					1000				
PCB-1221 Peak 4	Ave	35529					1000				
PCB-1221 Peak 5	Ave	135404					1000				
PCB-1221 Peak 6	Ave	30790					1000				
PCB-1221 Peak 7	Ave	10996					1000				
PCB-1221 Peak 8	Ave	26185					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	or170288.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.790										1.720 - 1.860	1.790
PCB-1221 Peak 2	2.090										2.020 - 2.160	2.090
PCB-1221 Peak 3	2.345										2.275 - 2.415	2.345
PCB-1221 Peak 4	2.515										2.445 - 2.585	2.515
PCB-1221 Peak 5	2.918										2.848 - 2.988	2.918
PCB-1221 Peak 6	2.983										2.913 - 3.053	2.983
PCB-1221 Peak 7	3.032										2.962 - 3.102	3.032
PCB-1221 Peak 8	3.327										3.257 - 3.397	3.327

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	or170288.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	49.793				Ave		49.7930000						20.0			
PCB-1221 Peak 2	14.582				Ave		14.5820000						20.0			
PCB-1221 Peak 3	49.453				Ave		49.4530000						20.0			
PCB-1221 Peak 4	148.88				Ave		148.882000						20.0			
PCB-1221 Peak 5	11.300				Ave		11.3000000						20.0			
PCB-1221 Peak 6	22.832				Ave		22.8320000						20.0			
PCB-1221 Peak 7	10.792				Ave		10.7920000						20.0			
PCB-1221 Peak 8	20.445				Ave		20.4450000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	or170288.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	49793					1000				
PCB-1221 Peak 2	Ave	14582					1000				
PCB-1221 Peak 3	Ave	49453					1000				
PCB-1221 Peak 4	Ave	148882					1000				
PCB-1221 Peak 5	Ave	11300					1000				
PCB-1221 Peak 6	Ave	22832					1000				
PCB-1221 Peak 7	Ave	10792					1000				
PCB-1221 Peak 8	Ave	20445					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	of170289.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.157										3.087 - 3.227	3.157
PCB-1232 Peak 2	3.630										3.560 - 3.700	3.630
PCB-1232 Peak 3	3.918										3.848 - 3.988	3.918
PCB-1232 Peak 4	4.348										4.278 - 4.418	4.348
PCB-1232 Peak 5	4.475										4.405 - 4.545	4.475
PCB-1232 Peak 6	4.595										4.525 - 4.665	4.595
PCB-1232 Peak 7	4.937										4.867 - 5.007	4.937
PCB-1232 Peak 8	5.093										5.023 - 5.163	5.093

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	of170289.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	93.018				Ave		93.0180000						20.0			
PCB-1232 Peak 2	104.88				Ave		104.882000						20.0			
PCB-1232 Peak 3	42.470				Ave		42.4700000						20.0			
PCB-1232 Peak 4	70.697				Ave		70.6970000						20.0			
PCB-1232 Peak 5	51.427				Ave		51.4270000						20.0			
PCB-1232 Peak 6	35.782				Ave		35.7820000						20.0			
PCB-1232 Peak 7	58.298				Ave		58.2980000						20.0			
PCB-1232 Peak 8	68.218				Ave		68.2180000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	of170289.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	93018					1000				
PCB-1232 Peak 2	Ave	104882					1000				
PCB-1232 Peak 3	Ave	42470					1000				
PCB-1232 Peak 4	Ave	70697					1000				
PCB-1232 Peak 5	Ave	51427					1000				
PCB-1232 Peak 6	Ave	35782					1000				
PCB-1232 Peak 7	Ave	58298					1000				
PCB-1232 Peak 8	Ave	68218					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	or170289.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.512										2.442 - 2.582	2.512
PCB-1232 Peak 2	2.852										2.782 - 2.922	2.852
PCB-1232 Peak 3	3.052										2.982 - 3.122	3.052
PCB-1232 Peak 4	3.323										3.253 - 3.393	3.323
PCB-1232 Peak 5	3.470										3.400 - 3.540	3.470
PCB-1232 Peak 6	3.532										3.462 - 3.602	3.532
PCB-1232 Peak 7	3.922										3.852 - 3.992	3.922
PCB-1232 Peak 8	4.305										4.235 - 4.375	4.305

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	or170289.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	101.33				Ave		101.326000						20.0			
PCB-1232 Peak 2	78.159				Ave		78.1590000						20.0			
PCB-1232 Peak 3	51.592				Ave		51.5920000						20.0			
PCB-1232 Peak 4	144.48				Ave		144.475000						20.0			
PCB-1232 Peak 5	52.779				Ave		52.7790000						20.0			
PCB-1232 Peak 6	39.696				Ave		39.6960000						20.0			
PCB-1232 Peak 7	62.744				Ave		62.7440000						20.0			
PCB-1232 Peak 8	34.667				Ave		34.6670000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	or170289.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	101326					1000				
PCB-1232 Peak 2	Ave	78159					1000				
PCB-1232 Peak 3	Ave	51592					1000				
PCB-1232 Peak 4	Ave	144475					1000				
PCB-1232 Peak 5	Ave	52779					1000				
PCB-1232 Peak 6	Ave	39696					1000				
PCB-1232 Peak 7	Ave	62744					1000				
PCB-1232 Peak 8	Ave	34667					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	of170290.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.160										3.090 - 3.230	3.160
PCB-1242 Peak 2	3.633										3.563 - 3.703	3.633
PCB-1242 Peak 3	3.922										3.852 - 3.992	3.922
PCB-1242 Peak 4	4.180										4.110 - 4.250	4.180
PCB-1242 Peak 5	4.350										4.280 - 4.420	4.350
PCB-1242 Peak 6	4.598										4.528 - 4.668	4.598
PCB-1242 Peak 7	5.097										5.027 - 5.167	5.097
PCB-1242 Peak 8	5.425										5.355 - 5.495	5.425

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	of170290.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	85.870				Ave		85.8700000						20.0			
PCB-1242 Peak 2	164.21				Ave		164.207000						20.0			
PCB-1242 Peak 3	81.002				Ave		81.0020000						20.0			
PCB-1242 Peak 4	303.20				Ave		303.195000						20.0			
PCB-1242 Peak 5	129.69				Ave		129.694000						20.0			
PCB-1242 Peak 6	65.289				Ave		65.2890000						20.0			
PCB-1242 Peak 7	122.04				Ave		122.042000						20.0			
PCB-1242 Peak 8	88.470				Ave		88.4700000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	of170290.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	85870					1000				
PCB-1242 Peak 2	Ave	164207					1000				
PCB-1242 Peak 3	Ave	81002					1000				
PCB-1242 Peak 4	Ave	303195					1000				
PCB-1242 Peak 5	Ave	129694					1000				
PCB-1242 Peak 6	Ave	65289					1000				
PCB-1242 Peak 7	Ave	122042					1000				
PCB-1242 Peak 8	Ave	88470					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	or170290.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.512										2.442 - 2.582	2.512
PCB-1242 Peak 2	2.852										2.782 - 2.922	2.852
PCB-1242 Peak 3	3.052										2.982 - 3.122	3.052
PCB-1242 Peak 4	3.323										3.253 - 3.393	3.323
PCB-1242 Peak 5	3.470										3.400 - 3.540	3.470
PCB-1242 Peak 6	3.692										3.622 - 3.762	3.692
PCB-1242 Peak 7	3.922										3.852 - 3.992	3.922
PCB-1242 Peak 8	4.667										4.597 - 4.737	4.667

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	or170290.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	84.455				Ave		84.4550000						20.0			
PCB-1242 Peak 2	136.54				Ave		136.535000						20.0			
PCB-1242 Peak 3	97.309				Ave		97.3090000						20.0			
PCB-1242 Peak 4	280.01				Ave		280.007000						20.0			
PCB-1242 Peak 5	101.06				Ave		101.058000						20.0			
PCB-1242 Peak 6	191.02				Ave		191.022000						20.0			
PCB-1242 Peak 7	113.77				Ave		113.768000						20.0			
PCB-1242 Peak 8	105.31				Ave		105.308000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	or170290.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	84455					1000				
PCB-1242 Peak 2	Ave	136535					1000				
PCB-1242 Peak 3	Ave	97309					1000				
PCB-1242 Peak 4	Ave	280007					1000				
PCB-1242 Peak 5	Ave	101058					1000				
PCB-1242 Peak 6	Ave	191022					1000				
PCB-1242 Peak 7	Ave	113768					1000				
PCB-1242 Peak 8	Ave	105308					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	of170291.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.630										3.560 - 3.700	3.630
PCB-1248 Peak 2	4.178										4.108 - 4.248	4.178
PCB-1248 Peak 3	4.478										4.408 - 4.548	4.478
PCB-1248 Peak 4	4.597										4.527 - 4.667	4.597
PCB-1248 Peak 5	4.938										4.868 - 5.008	4.938
PCB-1248 Peak 6	5.095										5.025 - 5.165	5.095
PCB-1248 Peak 7	5.425										5.355 - 5.495	5.425
PCB-1248 Peak 8	5.482										5.412 - 5.552	5.482

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	of170291.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	88.403				Ave		88.4030000						20.0			
PCB-1248 Peak 2	199.45				Ave		199.448000						20.0			
PCB-1248 Peak 3	29.861				Ave		29.8610000						20.0			
PCB-1248 Peak 4	112.39				Ave		112.390000						20.0			
PCB-1248 Peak 5	149.40				Ave		149.403000						20.0			
PCB-1248 Peak 6	186.71				Ave		186.706000						20.0			
PCB-1248 Peak 7	158.33				Ave		158.328000						20.0			
PCB-1248 Peak 8	240.66				Ave		240.655000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	of170291.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	88403					1000				
PCB-1248 Peak 2	Ave	199448					1000				
PCB-1248 Peak 3	Ave	29861					1000				
PCB-1248 Peak 4	Ave	112390					1000				
PCB-1248 Peak 5	Ave	149403					1000				
PCB-1248 Peak 6	Ave	186706					1000				
PCB-1248 Peak 7	Ave	158328					1000				
PCB-1248 Peak 8	Ave	240655					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	or170291.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.850										2.780 - 2.920	2.850
PCB-1248 Peak 2	3.322										3.252 - 3.392	3.322
PCB-1248 Peak 3	3.530										3.460 - 3.600	3.530
PCB-1248 Peak 4	3.688										3.618 - 3.758	3.688
PCB-1248 Peak 5	3.920										3.850 - 3.990	3.920
PCB-1248 Peak 6	4.015										3.945 - 4.085	4.015
PCB-1248 Peak 7	4.305										4.235 - 4.375	4.305
PCB-1248 Peak 8	4.663										4.593 - 4.733	4.663

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	or170291.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	76.689				Ave		76.6890000						20.0			
PCB-1248 Peak 2	190.42				Ave		190.417000						20.0			
PCB-1248 Peak 3	44.039				Ave		44.0390000						20.0			
PCB-1248 Peak 4	297.29				Ave		297.287000						20.0			
PCB-1248 Peak 5	173.75				Ave		173.750000						20.0			
PCB-1248 Peak 6	92.213				Ave		92.2130000						20.0			
PCB-1248 Peak 7	73.154				Ave		73.1540000						20.0			
PCB-1248 Peak 8	171.10				Ave		171.098000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	or170291.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	76689					1000				
PCB-1248 Peak 2	Ave	190417					1000				
PCB-1248 Peak 3	Ave	44039					1000				
PCB-1248 Peak 4	Ave	297287					1000				
PCB-1248 Peak 5	Ave	173750					1000				
PCB-1248 Peak 6	Ave	92213					1000				
PCB-1248 Peak 7	Ave	73154					1000				
PCB-1248 Peak 8	Ave	171098					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	of170292.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.598										4.528 - 4.668	4.598
PCB-1254 Peak 2	5.477										5.407 - 5.547	5.477
PCB-1254 Peak 3	5.725										5.655 - 5.795	5.725
PCB-1254 Peak 4	6.185										6.115 - 6.255	6.185
PCB-1254 Peak 5	6.353										6.283 - 6.423	6.353
PCB-1254 Peak 6	7.328										7.258 - 7.398	7.328
PCB-1254 Peak 7	7.722										7.652 - 7.792	7.722
PCB-1254 Peak 8	8.550										8.480 - 8.620	8.550

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	of170292.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	138.10				Ave		138.104000						20.0			
PCB-1254 Peak 2	231.91				Ave		231.907000						20.0			
PCB-1254 Peak 3	198.96				Ave		198.958000						20.0			
PCB-1254 Peak 4	155.68				Ave		155.675000						20.0			
PCB-1254 Peak 5	330.53				Ave		330.533000						20.0			
PCB-1254 Peak 6	258.94				Ave		258.942000						20.0			
PCB-1254 Peak 7	331.01				Ave		331.005000						20.0			
PCB-1254 Peak 8	78.429				Ave		78.4290000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	of170292.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	138104					1000				
PCB-1254 Peak 2	Ave	231907					1000				
PCB-1254 Peak 3	Ave	198958					1000				
PCB-1254 Peak 4	Ave	155675					1000				
PCB-1254 Peak 5	Ave	330533					1000				
PCB-1254 Peak 6	Ave	258942					1000				
PCB-1254 Peak 7	Ave	331005					1000				
PCB-1254 Peak 8	Ave	78429					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	or170292.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.353										4.283 - 4.423	4.353
PCB-1254 Peak 2	4.403										4.333 - 4.473	4.403
PCB-1254 Peak 3	4.662										4.592 - 4.732	4.662
PCB-1254 Peak 4	4.990										4.920 - 5.060	4.990
PCB-1254 Peak 5	5.138										5.068 - 5.208	5.138
PCB-1254 Peak 6	5.482										5.412 - 5.552	5.482
PCB-1254 Peak 7	5.712										5.642 - 5.782	5.712
PCB-1254 Peak 8	6.065										5.995 - 6.135	6.065

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	or170292.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	125.27				Ave		125.266000						20.0			
PCB-1254 Peak 2	144.22				Ave		144.224000						20.0			
PCB-1254 Peak 3	180.47				Ave		180.473000						20.0			
PCB-1254 Peak 4	136.74				Ave		136.737000						20.0			
PCB-1254 Peak 5	279.18				Ave		279.178000						20.0			
PCB-1254 Peak 6	212.70				Ave		212.697000						20.0			
PCB-1254 Peak 7	203.16				Ave		203.163000						20.0			
PCB-1254 Peak 8	315.49				Ave		315.488000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	or170292.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	125266					1000				
PCB-1254 Peak 2	Ave	144224					1000				
PCB-1254 Peak 3	Ave	180473					1000				
PCB-1254 Peak 4	Ave	136737					1000				
PCB-1254 Peak 5	Ave	279178					1000				
PCB-1254 Peak 6	Ave	212697					1000				
PCB-1254 Peak 7	Ave	203163					1000				
PCB-1254 Peak 8	Ave	315488					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	of170293.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.653										6.583 - 6.723	6.653
PCB-1262 Peak 2	7.013										6.943 - 7.083	7.013
PCB-1262 Peak 3	7.922										7.852 - 7.992	7.922
PCB-1262 Peak 4	8.620										8.550 - 8.690	8.620
PCB-1262 Peak 5	9.593										9.523 - 9.663	9.593
PCB-1262 Peak 6	9.647										9.577 - 9.717	9.647
PCB-1262 Peak 7	10.207										10.137 - 10.277	10.207
PCB-1262 Peak 8	10.493										10.423 - 10.563	10.493

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	of170293.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	197.17				Ave		197.168000						20.0			
PCB-1262 Peak 2	228.30				Ave		228.304000						20.0			
PCB-1262 Peak 3	316.32				Ave		316.317000						20.0			
PCB-1262 Peak 4	281.65				Ave		281.652000						20.0			
PCB-1262 Peak 5	320.32				Ave		320.319000						20.0			
PCB-1262 Peak 6	248.00				Ave		248.002000						20.0			
PCB-1262 Peak 7	161.69				Ave		161.687000						20.0			
PCB-1262 Peak 8	56.753				Ave		56.7530000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	of170293.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	197168					1000				
PCB-1262 Peak 2	Ave	228304					1000				
PCB-1262 Peak 3	Ave	316317					1000				
PCB-1262 Peak 4	Ave	281652					1000				
PCB-1262 Peak 5	Ave	320319					1000				
PCB-1262 Peak 6	Ave	248002					1000				
PCB-1262 Peak 7	Ave	161687					1000				
PCB-1262 Peak 8	Ave	56753					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	or170293.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.193										5.123 - 5.263	5.193
PCB-1262 Peak 2	5.363										5.293 - 5.433	5.363
PCB-1262 Peak 3	6.065										5.995 - 6.135	6.065
PCB-1262 Peak 4	6.218										6.148 - 6.288	6.218
PCB-1262 Peak 5	6.570										6.500 - 6.640	6.570
PCB-1262 Peak 6	7.620										7.550 - 7.690	7.620
PCB-1262 Peak 7	7.792										7.722 - 7.862	7.792
PCB-1262 Peak 8	8.975										8.905 - 9.045	8.975

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	or170293.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	154.73				Ave		154.729300						20.0			
PCB-1262 Peak 2	169.47				Ave		169.471900						20.0			
PCB-1262 Peak 3	190.47				Ave		190.470450						20.0			
PCB-1262 Peak 4	234.07				Ave		234.073950						20.0			
PCB-1262 Peak 5	210.13				Ave		210.133300						20.0			
PCB-1262 Peak 6	145.41				Ave		145.410250						20.0			
PCB-1262 Peak 7	253.58				Ave		253.581150						20.0			
PCB-1262 Peak 8	185.25				Ave		185.246850						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	or170293.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	154729					1000				
PCB-1262 Peak 2	Ave	169471					1000				
PCB-1262 Peak 3	Ave	190470					1000				
PCB-1262 Peak 4	Ave	234073					1000				
PCB-1262 Peak 5	Ave	210133					1000				
PCB-1262 Peak 6	Ave	145410					1000				
PCB-1262 Peak 7	Ave	253581					1000				
PCB-1262 Peak 8	Ave	185246					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	of170294.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.928										7.858 - 7.998	7.928
PCB-1268 Peak 2	8.632										8.562 - 8.702	8.632
PCB-1268 Peak 3	9.592										9.522 - 9.662	9.592
PCB-1268 Peak 4	9.645										9.575 - 9.715	9.645
PCB-1268 Peak 5	9.925										9.855 - 9.995	9.925
PCB-1268 Peak 6	10.025										9.955 - 10.095	10.025
PCB-1268 Peak 7	10.208										10.138 - 10.278	10.208
PCB-1268 Peak 8	10.495										10.425 - 10.565	10.495

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	of170294.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	136.85				Ave		136.852900						20.0			
PCB-1268 Peak 2	164.45				Ave		164.449250						20.0			
PCB-1268 Peak 3	409.89				Ave		409.887250						20.0			
PCB-1268 Peak 4	578.40				Ave		578.402350						20.0			
PCB-1268 Peak 5	368.25				Ave		368.250200						20.0			
PCB-1268 Peak 6	123.90				Ave		123.896900						20.0			
PCB-1268 Peak 7	163.73				Ave		163.733800						20.0			
PCB-1268 Peak 8	927.09				Ave		927.094450						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	of170294.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	136852					1000				
PCB-1268 Peak 2	Ave	164449					1000				
PCB-1268 Peak 3	Ave	409887					1000				
PCB-1268 Peak 4	Ave	578402					1000				
PCB-1268 Peak 5	Ave	368250					1000				
PCB-1268 Peak 6	Ave	123896					1000				
PCB-1268 Peak 7	Ave	163733					1000				
PCB-1268 Peak 8	Ave	927094					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	or170294.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	6.220										6.150 - 6.290	6.220
PCB-1268 Peak 2	6.565										6.495 - 6.635	6.565
PCB-1268 Peak 3	7.703										7.633 - 7.773	7.703
PCB-1268 Peak 4	7.782										7.712 - 7.852	7.782
PCB-1268 Peak 5	8.215										8.145 - 8.285	8.215
PCB-1268 Peak 6	8.418										8.348 - 8.488	8.418
PCB-1268 Peak 7	8.975										8.905 - 9.045	8.975
PCB-1268 Peak 8	9.395										9.325 - 9.465	9.395

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	or170294.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	112.37				Ave		112.371000						20.0			
PCB-1268 Peak 2	141.66				Ave		141.658000						20.0			
PCB-1268 Peak 3	464.97				Ave		464.967000						20.0			
PCB-1268 Peak 4	602.12				Ave		602.118000						20.0			
PCB-1268 Peak 5	457.40				Ave		457.402000						20.0			
PCB-1268 Peak 6	135.49				Ave		135.486000						20.0			
PCB-1268 Peak 7	193.64				Ave		193.642000						20.0			
PCB-1268 Peak 8	1190.7				Ave		1190.68200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	or170294.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	112371					1000				
PCB-1268 Peak 2	Ave	141658					1000				
PCB-1268 Peak 3	Ave	464967					1000				
PCB-1268 Peak 4	Ave	602118					1000				
PCB-1268 Peak 5	Ave	457402					1000				
PCB-1268 Peak 6	Ave	135486					1000				
PCB-1268 Peak 7	Ave	193642					1000				
PCB-1268 Peak 8	Ave	1190682					1000				

Curve Type Legend:
Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171114.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	99.29		1030	1000	2.8	15.0
PCB-1016 Peak 2	Ave	201.5	210.7		1050	1000	4.5	15.0
PCB-1016 Peak 3	Ave	93.89	102.9		1100	1000	9.6	15.0
PCB-1016 Peak 4	Ave	364.0	393.8		1080	1000	8.2	15.0
PCB-1016 Peak 5	Ave	157.8	174.8		1110	1000	10.8	15.0
PCB-1016 Peak 6	Ave	103.6	113.6		1100	1000	9.7	15.0
PCB-1016 Peak 7	Ave	107.1	116.2		1090	1000	8.5	15.0
PCB-1016 Peak 8	Ave	125.1	141.9		1130	1000	13.4	15.0
PCB-1260 Peak 1	Ave	264.9	265.0		1000	1000	0.0	15.0
PCB-1260 Peak 2	Ave	294.9	298.7		1010	1000	1.3	15.0
PCB-1260 Peak 3	Ave	425.3	440.5		1040	1000	3.6	15.0
PCB-1260 Peak 4	Ave	200.2	205.0		1020	1000	2.4	15.0
PCB-1260 Peak 5	Ave	115.0	121.2		1050	1000	5.4	15.0
PCB-1260 Peak 6	Ave	226.9	237.1		1040	1000	4.5	15.0
PCB-1260 Peak 7	Ave	262.6	326.9		1240	1000	24.5*	15.0
PCB-1260 Peak 8	Ave	90.35	101.4		1120	1000	12.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171114.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.92	3.85	3.99
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171114.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3189		107	100	-13.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171114.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171114.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	97.59		1000	1000	0.2	15.0
PCB-1016 Peak 2	Ave	167.3	174.4		1040	1000	4.2	15.0
PCB-1016 Peak 3	Ave	114.9	126.9		1100	1000	10.4	15.0
PCB-1016 Peak 4	Ave	331.6	378.6		1140	1000	14.2	15.0
PCB-1016 Peak 5	Ave	120.3	127.0		1060	1000	5.5	15.0
PCB-1016 Peak 6	Ave	95.37	109.7		1150	1000	15.1*	15.0
PCB-1016 Peak 7	Ave	127.6	139.8		1100	1000	9.6	15.0
PCB-1016 Peak 8	Ave	75.08	84.38		1120	1000	12.4	15.0
PCB-1260 Peak 1	Ave	213.5	220.4		1030	1000	3.2	15.0
PCB-1260 Peak 2	Ave	373.0	381.3		1020	1000	2.2	15.0
PCB-1260 Peak 3	Ave	339.8	355.9		1050	1000	4.8	15.0
PCB-1260 Peak 4	Ave	149.8	156.7		1050	1000	4.6	15.0
PCB-1260 Peak 5	Ave	158.3	275.9		1740	1000	74.3*	15.0
PCB-1260 Peak 6	Ave	214.8	294.7		1370	1000	37.2*	15.0
PCB-1260 Peak 7	Ave	113.9	131.4		1150	1000	15.4*	15.0
PCB-1260 Peak 8	Ave	100.6	108.0		1070	1000	7.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171114.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.52	2.45	2.59
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.05	2.99	3.13
PCB-1016 Peak 4	3.32	3.26	3.40
PCB-1016 Peak 5	3.47	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.35	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.05	5.98	6.12
PCB-1260 Peak 4	6.20	6.13	6.27
PCB-1260 Peak 5	6.55	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.95	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171114.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3907		105	100	1.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171114.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171134.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	93.57		968	1000	-3.2	15.0
PCB-1016 Peak 2	Ave	201.5	192.9		957	1000	-4.3	15.0
PCB-1016 Peak 3	Ave	93.89	93.67		998	1000	-0.2	15.0
PCB-1016 Peak 4	Ave	364.0	363.2		998	1000	-0.2	15.0
PCB-1016 Peak 5	Ave	157.8	164.3		1040	1000	4.1	15.0
PCB-1016 Peak 6	Ave	103.6	101.4		978	1000	-2.2	15.0
PCB-1016 Peak 7	Ave	107.1	114.4		1070	1000	6.8	15.0
PCB-1016 Peak 8	Ave	125.1	133.7		1070	1000	6.9	15.0
PCB-1260 Peak 1	Ave	264.9	246.9		932	1000	-6.8	15.0
PCB-1260 Peak 2	Ave	294.9	275.1		933	1000	-6.7	15.0
PCB-1260 Peak 3	Ave	425.3	398.2		936	1000	-6.4	15.0
PCB-1260 Peak 4	Ave	200.2	186.3		930	1000	-7.0	15.0
PCB-1260 Peak 5	Ave	115.0	109.1		949	1000	-5.1	15.0
PCB-1260 Peak 6	Ave	226.9	208.1		917	1000	-8.3	15.0
PCB-1260 Peak 7	Ave	262.6	253.6		966	1000	-3.4	15.0
PCB-1260 Peak 8	Ave	90.35	90.01		996	1000	-0.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171134.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.85	3.99
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171134.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	2909		98.0	100	-20.7*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171134.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171134.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	88.49		908	1000	-9.2	15.0
PCB-1016 Peak 2	Ave	167.3	162.0		968	1000	-3.2	15.0
PCB-1016 Peak 3	Ave	114.9	116.9		1020	1000	1.8	15.0
PCB-1016 Peak 4	Ave	331.6	318.0		959	1000	-4.1	15.0
PCB-1016 Peak 5	Ave	120.3	118.5		985	1000	-1.5	15.0
PCB-1016 Peak 6	Ave	95.37	105.8		1110	1000	11.0	15.0
PCB-1016 Peak 7	Ave	127.6	126.7		994	1000	-0.6	15.0
PCB-1016 Peak 8	Ave	75.08	71.19		948	1000	-5.2	15.0
PCB-1260 Peak 1	Ave	213.5	202.0		946	1000	-5.4	15.0
PCB-1260 Peak 2	Ave	373.0	350.0		938	1000	-6.2	15.0
PCB-1260 Peak 3	Ave	339.8	321.2		945	1000	-5.5	15.0
PCB-1260 Peak 4	Ave	149.8	148.7		993	1000	-0.7	15.0
PCB-1260 Peak 5	Ave	158.3	157.0		991	1000	-0.9	15.0
PCB-1260 Peak 6	Ave	214.8	169.7		790	1000	-21.0*	15.0
PCB-1260 Peak 7	Ave	113.9	116.6		1020	1000	2.4	15.0
PCB-1260 Peak 8	Ave	100.6	99.16		986	1000	-1.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171134.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.45	2.59
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.98	6.12
PCB-1260 Peak 4	6.20	6.13	6.27
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171134.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3621		97.7	100	-5.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171134.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171136.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	101.9		1050	1000	5.4	15.0
PCB-1016 Peak 2	Ave	201.5	207.3		1030	1000	2.9	15.0
PCB-1016 Peak 3	Ave	93.89	102.8		1090	1000	9.4	15.0
PCB-1016 Peak 4	Ave	364.0	373.5		1030	1000	2.6	15.0
PCB-1016 Peak 5	Ave	157.8	171.8		1090	1000	8.9	15.0
PCB-1016 Peak 6	Ave	103.6	107.3		1040	1000	3.6	15.0
PCB-1016 Peak 7	Ave	107.1	125.6		1170	1000	17.3*	15.0
PCB-1016 Peak 8	Ave	125.1	144.6		1160	1000	15.6*	15.0
PCB-1260 Peak 1	Ave	264.9	262.6		991	1000	-0.9	15.0
PCB-1260 Peak 2	Ave	294.9	293.8		996	1000	-0.4	15.0
PCB-1260 Peak 3	Ave	425.3	422.9		995	1000	-0.5	15.0
PCB-1260 Peak 4	Ave	200.2	198.9		993	1000	-0.7	15.0
PCB-1260 Peak 5	Ave	115.0	121.1		1050	1000	5.3	15.0
PCB-1260 Peak 6	Ave	226.9	223.5		985	1000	-1.5	15.0
PCB-1260 Peak 7	Ave	262.6	322.8		1230	1000	22.9*	15.0
PCB-1260 Peak 8	Ave	90.35	93.95		1040	1000	4.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171136.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.85	3.99
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171136.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	2981		100	100	-18.7*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171136.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171136.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	87.87		902	1000	-9.8	15.0
PCB-1016 Peak 2	Ave	167.3	162.7		972	1000	-2.8	15.0
PCB-1016 Peak 3	Ave	114.9	117.8		1030	1000	2.5	15.0
PCB-1016 Peak 4	Ave	331.6	342.3		1030	1000	3.2	15.0
PCB-1016 Peak 5	Ave	120.3	119.6		994	1000	-0.6	15.0
PCB-1016 Peak 6	Ave	95.37	107.5		1130	1000	12.7	15.0
PCB-1016 Peak 7	Ave	127.6	129.6		1020	1000	1.6	15.0
PCB-1016 Peak 8	Ave	75.08	128.5		1710	1000	71.2*	15.0
PCB-1260 Peak 1	Ave	213.5	206.5		968	1000	-3.2	15.0
PCB-1260 Peak 2	Ave	373.0	355.5		953	1000	-4.7	15.0
PCB-1260 Peak 3	Ave	339.8	327.4		964	1000	-3.6	15.0
PCB-1260 Peak 4	Ave	149.8	148.7		993	1000	-0.7	15.0
PCB-1260 Peak 5	Ave	158.3	154.4		976	1000	-2.4	15.0
PCB-1260 Peak 6	Ave	214.8	169.4		789	1000	-21.1*	15.0
PCB-1260 Peak 7	Ave	113.9	117.8		1030	1000	3.4	15.0
PCB-1260 Peak 8	Ave	100.6	97.99		974	1000	-2.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171136.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.45	2.59
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.98	6.12
PCB-1260 Peak 4	6.20	6.13	6.27
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171136.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3667		98.9	100	-4.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171136.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171153.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	97.59		1010	1000	1.0	15.0
PCB-1016 Peak 2	Ave	201.5	202.8		1010	1000	0.6	15.0
PCB-1016 Peak 3	Ave	93.89	95.45		1020	1000	1.7	15.0
PCB-1016 Peak 4	Ave	364.0	379.7		1040	1000	4.3	15.0
PCB-1016 Peak 5	Ave	157.8	172.9		1100	1000	9.6	15.0
PCB-1016 Peak 6	Ave	103.6	114.5		1110	1000	10.5	15.0
PCB-1016 Peak 7	Ave	107.1	109.8		1030	1000	2.6	15.0
PCB-1016 Peak 8	Ave	125.1	142.8		1140	1000	14.2	15.0
PCB-1260 Peak 1	Ave	264.9	254.8		962	1000	-3.8	15.0
PCB-1260 Peak 2	Ave	294.9	281.2		953	1000	-4.7	15.0
PCB-1260 Peak 3	Ave	425.3	407.7		959	1000	-4.1	15.0
PCB-1260 Peak 4	Ave	200.2	191.6		957	1000	-4.3	15.0
PCB-1260 Peak 5	Ave	115.0	111.7		971	1000	-2.9	15.0
PCB-1260 Peak 6	Ave	226.9	222.1		979	1000	-2.1	15.0
PCB-1260 Peak 7	Ave	262.6	286.8		1090	1000	9.2	15.0
PCB-1260 Peak 8	Ave	90.35	88.04		974	1000	-2.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171153.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.92	3.85	3.99
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.62	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171153.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3015		102	100	-17.8*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171153.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171153.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	85.02		873	1000	-12.7	15.0
PCB-1016 Peak 2	Ave	167.3	160.7		960	1000	-4.0	15.0
PCB-1016 Peak 3	Ave	114.9	113.4		987	1000	-1.3	15.0
PCB-1016 Peak 4	Ave	331.6	343.6		1040	1000	3.6	15.0
PCB-1016 Peak 5	Ave	120.3	119.6		994	1000	-0.6	15.0
PCB-1016 Peak 6	Ave	95.37	102.7		1080	1000	7.7	15.0
PCB-1016 Peak 7	Ave	127.6	127.0		996	1000	-0.4	15.0
PCB-1016 Peak 8	Ave	75.08	60.14		801	1000	-19.9*	15.0
PCB-1260 Peak 1	Ave	213.5	205.8		964	1000	-3.6	15.0
PCB-1260 Peak 2	Ave	373.0	356.9		957	1000	-4.3	15.0
PCB-1260 Peak 3	Ave	339.8	327.0		962	1000	-3.8	15.0
PCB-1260 Peak 4	Ave	149.8	149.5		998	1000	-0.2	15.0
PCB-1260 Peak 5	Ave	158.3	154.8		978	1000	-2.2	15.0
PCB-1260 Peak 6	Ave	214.8	195.3		909	1000	-9.1	15.0
PCB-1260 Peak 7	Ave	113.9	112.0		983	1000	-1.7	15.0
PCB-1260 Peak 8	Ave	100.6	101.0		1000	1000	0.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171153.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.52	2.45	2.59
PCB-1016 Peak 2	2.85	2.79	2.93
PCB-1016 Peak 3	3.05	2.99	3.13
PCB-1016 Peak 4	3.32	3.26	3.40
PCB-1016 Peak 5	3.47	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.04	3.98	4.12
PCB-1260 Peak 1	5.35	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.05	5.98	6.12
PCB-1260 Peak 4	6.20	6.13	6.27
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171153.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3739		101	100	-2.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171153.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-69030/1-A

Matrix: Solid Lab File ID: of171115.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 10:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		30-150

Data File: of171115.d
Report Date: 02-Apr-2011 23:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/of171115.d
Lab Smp Id: MB 460-69030/1-A
Inj Date : 01-APR-2011 10:43
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-69030/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 71
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

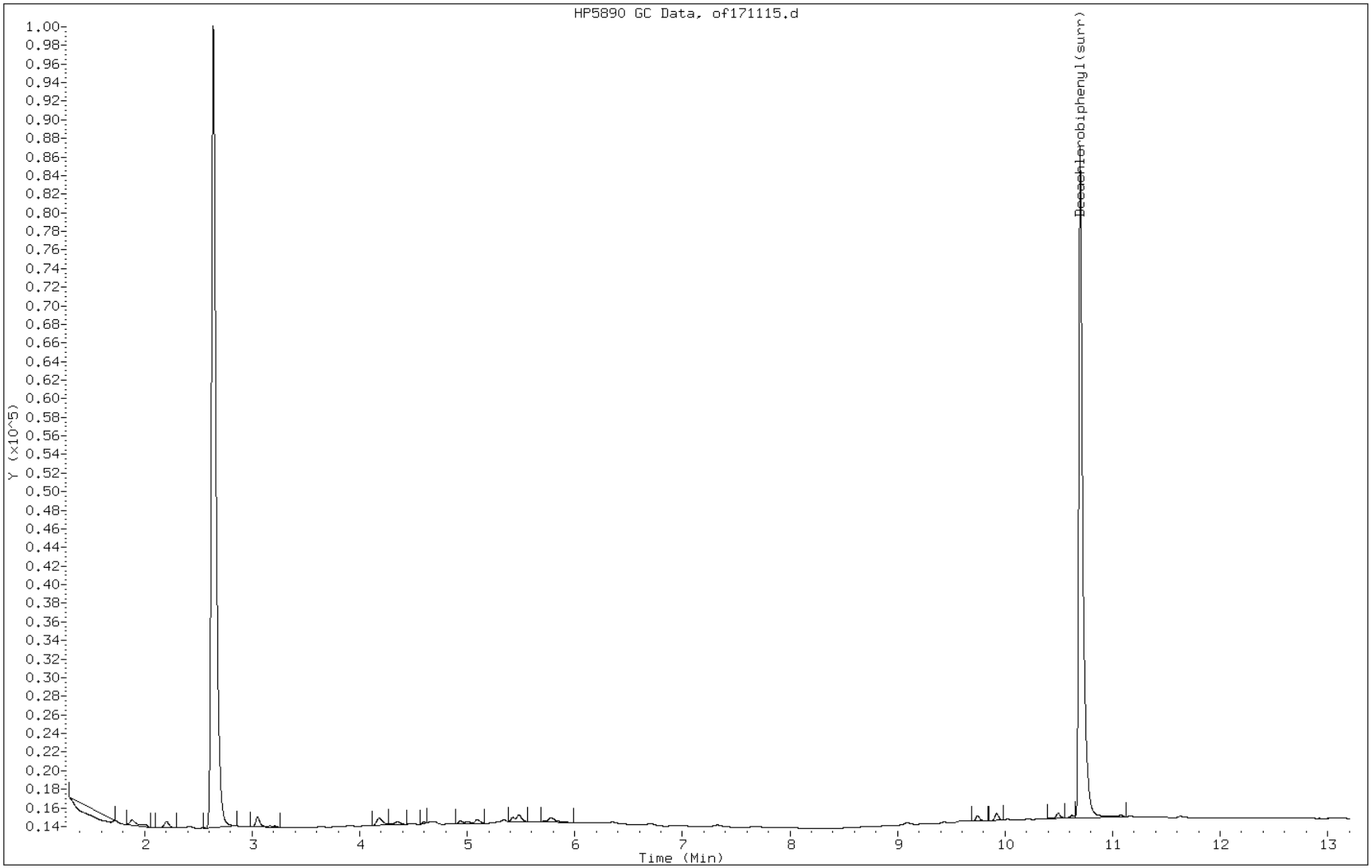
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	188194	63.4370	42	80.00- 120.00	100.00

Data File: of171115.d

Date: 01-APR-2011 10:43

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-69030/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-69030/1-A

Matrix: Solid Lab File ID: or171115.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 10:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	67	U	67	13
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	Aroclor 1260	67	U	67	7.5
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/or171115.d
Lab Smp Id: MB 460-69030/1-A
Inj Date : 01-APR-2011 10:43
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-69030/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 71
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

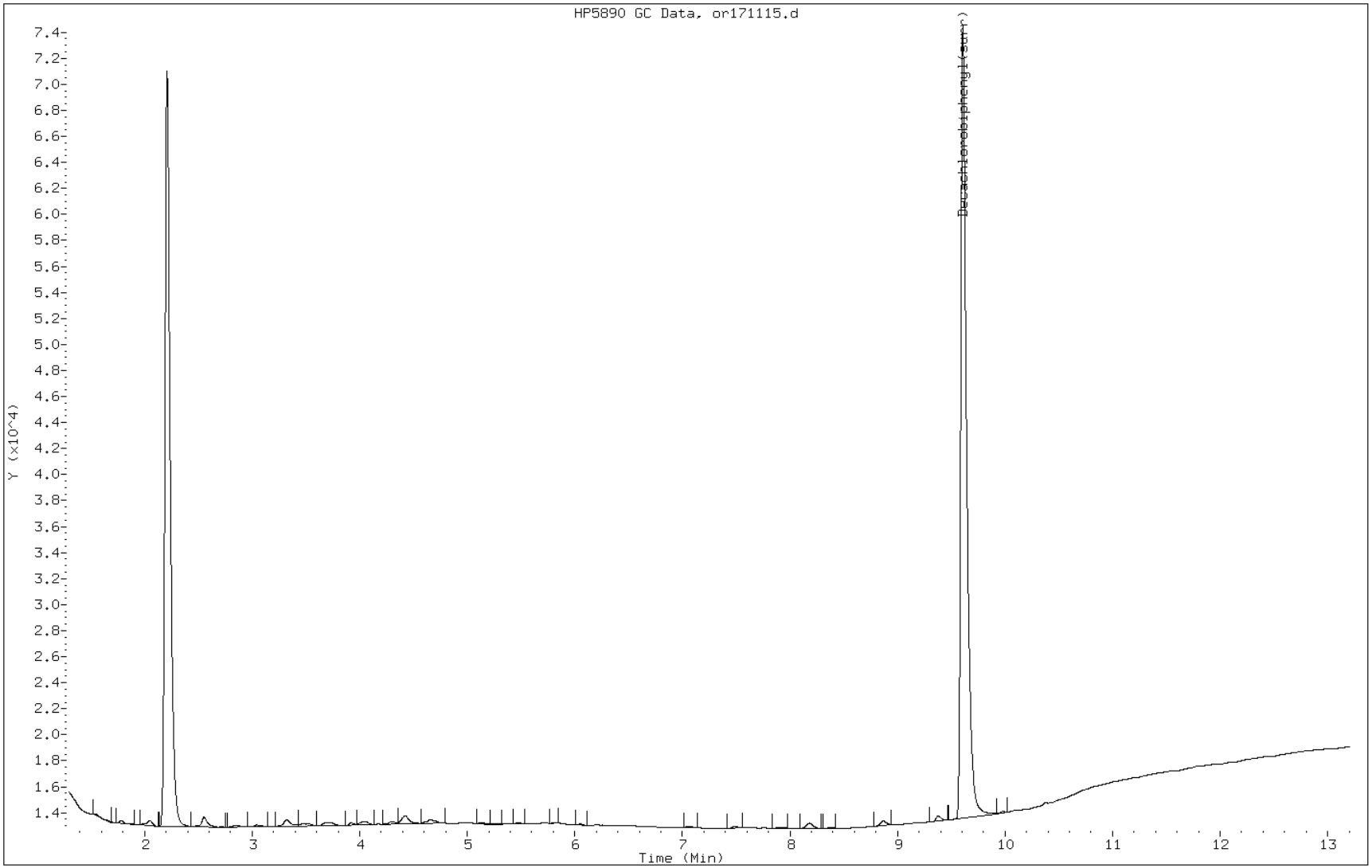
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.608	9.608	0.000	226758	61.1602	41	80.00- 120.00	100.00

Data File: or171115.d

Date: 01-APR-2011 10:43

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-69030/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69030/2-A

Matrix: Solid | Lab File ID: of171116.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 11:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	409		67	13
11104-28-2	*Aroclor 1221*	*67*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*67*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*67*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*67*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*67*	*U*	*67*	*23*
11096-82-5	Aroclor 1260	393		67	7.5
37324-23-5	*Aroclor 1262*	*67*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*67*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		30-150

Data File: of171116.d
Report Date: 02-Apr-2011 23:55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/of171116.d
Lab Smp Id: LCS 460-69030/2-A
Inj Date : 01-APR-2011 11:00
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-69030/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 72
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
3.170	3.165	0.005	56791	587.770	390	80.00- 120.00	100.00(M)
3.642	3.637	0.005	120223	596.543	400	169.70- 254.56	211.69
3.928	3.922	0.006	55664	592.837	400	84.36- 126.55	98.02
4.185	4.180	0.005	219047	601.842	400	309.57- 464.36	385.71
4.355	4.350	0.005	96418	611.169	410	138.73- 208.09	169.78
4.657	4.652	0.005	67629	652.633	440	84.04- 126.07	119.08
4.942	4.937	0.005	70349	656.782	440	89.45- 134.18	123.87
5.098	5.095	0.003	76016	607.702	400	109.60- 164.40	133.85
Average of Peak Concentrations =					410		
27 Aroclor-1260					CAS #: 11096-82-5		
6.653	6.650	0.003	154028	581.524	390	80.00- 120.00	100.00(M)

Data File: of171116.d
Report Date: 02-Apr-2011 23:55

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.015	7.010	0.005	172486	584.807	390	90.05- 135.07	111.98
7.713	7.708	0.005	242754	570.843	380	132.74- 199.10	157.60
7.922	7.915	0.007	118310	590.952	390	62.77- 94.16	76.81
8.045	8.040	0.005	67675	588.606	390	37.54- 56.32	43.94
8.617	8.612	0.005	132838	585.474	390	71.59- 107.39	86.24
9.595	9.592	0.003	158223	602.497	400	79.71- 119.57	102.72
10.207	10.203	0.004	55369	612.807	410	31.07- 46.60	35.95
		Average of Peak Concentrations =			390		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	186890	62.9972	42	80.00- 120.00	100.00

QC Flag Legend

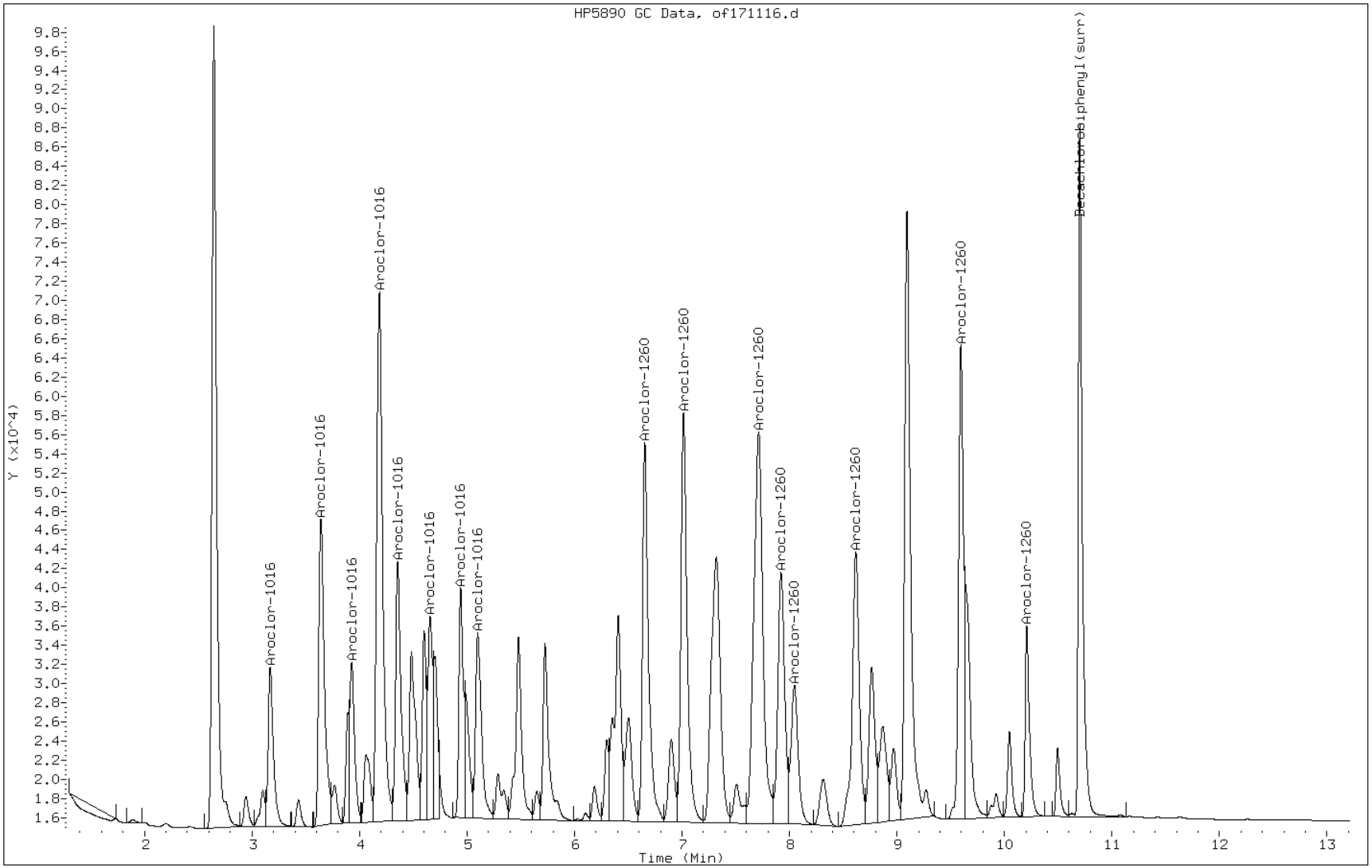
M - Compound response manually integrated.

Data File: of171116.d

Date: 01-APR-2011 11:00

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-69030/2-A Operator: 615



Manual Integration Report

Data File: of171116.d
Inj. Date and Time: 01-APR-2011 11:00
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 04/03/2011

Processing Integration Results

Not Detected

Expected RT: 3.17

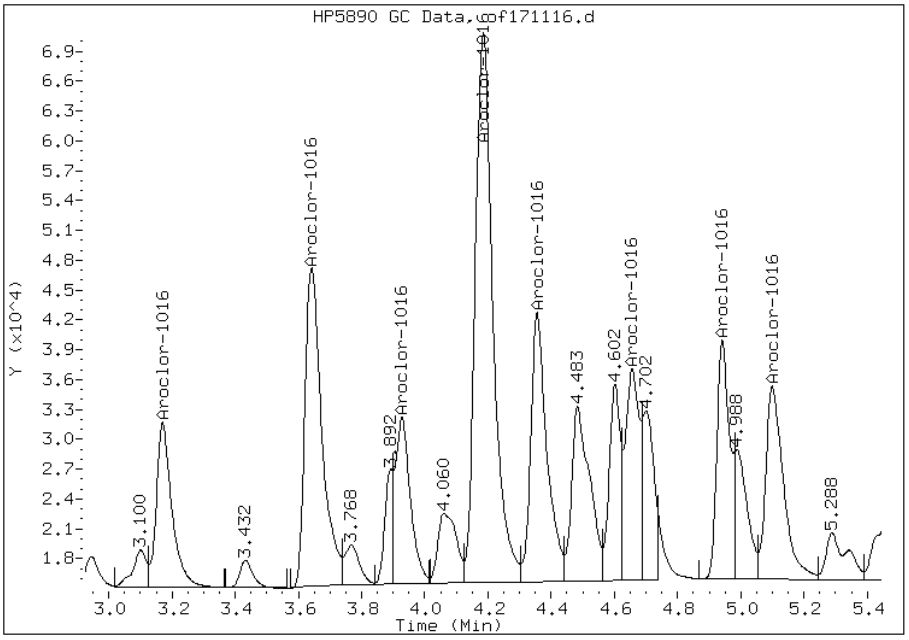
Manual Integration Results

RT: 3.17

Response: 56791

Amount: 613.41

Conc: 410.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171116.d
Inj. Date and Time: 01-APR-2011 11:00
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/03/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

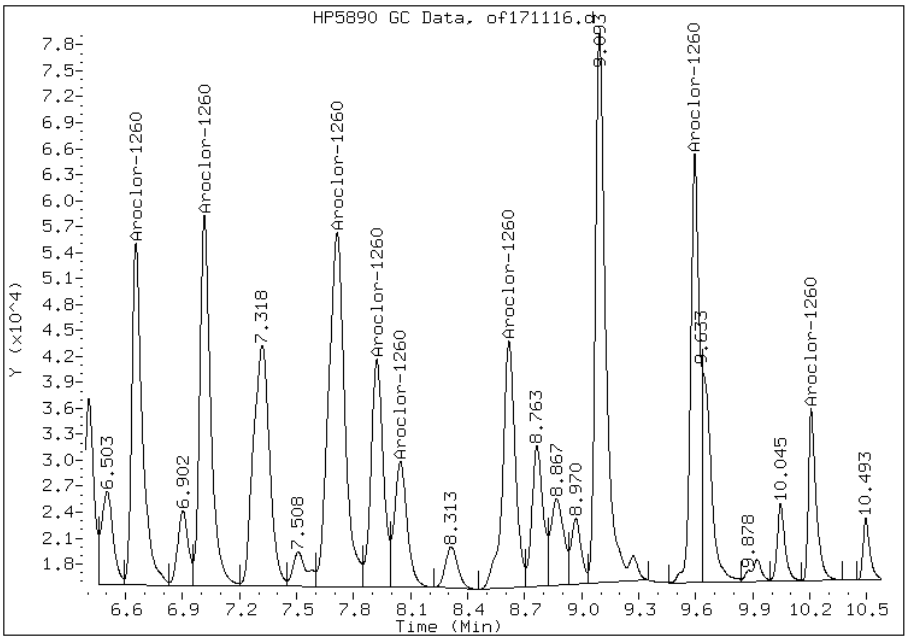
Manual Integration Results

RT: 6.65

Response: 154028

Amount: 589.69

Conc: 390.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69030/2-A

Matrix: Solid | Lab File ID: or171116.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 11:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*385*		*67*	*13*
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	*Aroclor 1260*	*378*		*67*	*7.5*
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/or171116.d
Lab Smp Id: LCS 460-69030/2-A
Inj Date : 01-APR-2011 11:00
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-69030/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 72
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.522	2.522	0.000	51702	530.718	350	80.00- 120.00	100.00
2.858	2.858	0.000	96239	575.175	380	144.58- 216.88	186.14
3.055	3.055	0.000	66998	583.020	390	105.00- 157.51	129.58
3.325	3.325	0.000	188253	567.746	380	303.00- 454.51	364.11
3.473	3.473	0.000	70006	581.906	390	103.50- 155.25	135.40
3.532	3.530	0.002	56597	593.474	400	89.59- 134.39	109.47
3.920	3.922	-0.002	76142	596.943	400	112.13- 168.20	147.27
4.047	4.045	0.002	44076	587.086	390	63.49- 95.24	85.25
		Average of Peak Concentrations =			380		
27 Aroclor-1260					CAS #: 11096-82-5		
5.355	5.355	0.000	123361	577.904	380	80.00- 120.00	100.00(H)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.702	5.702	0.000	214352	574.723	380	138.88- 208.33	173.76
6.053	6.053	0.000	193772	570.285	380	128.51- 192.77	157.08
6.205	6.203	0.002	88760	592.670	400	58.14- 87.21	71.95
6.555	6.555	0.000	90291	570.284	380	60.54- 90.81	73.19
7.597	7.598	-0.001	105177	489.664	330	70.37- 105.55	85.26
7.770	7.770	0.000	68581	602.149	400	48.14- 72.21	55.59
8.955	8.955	0.000	55595	552.778	370	41.26- 61.89	45.07
Average of Peak Concentrations =					380		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.608	0.002	220689	59.5233	40	80.00- 120.00	100.00

QC Flag Legend

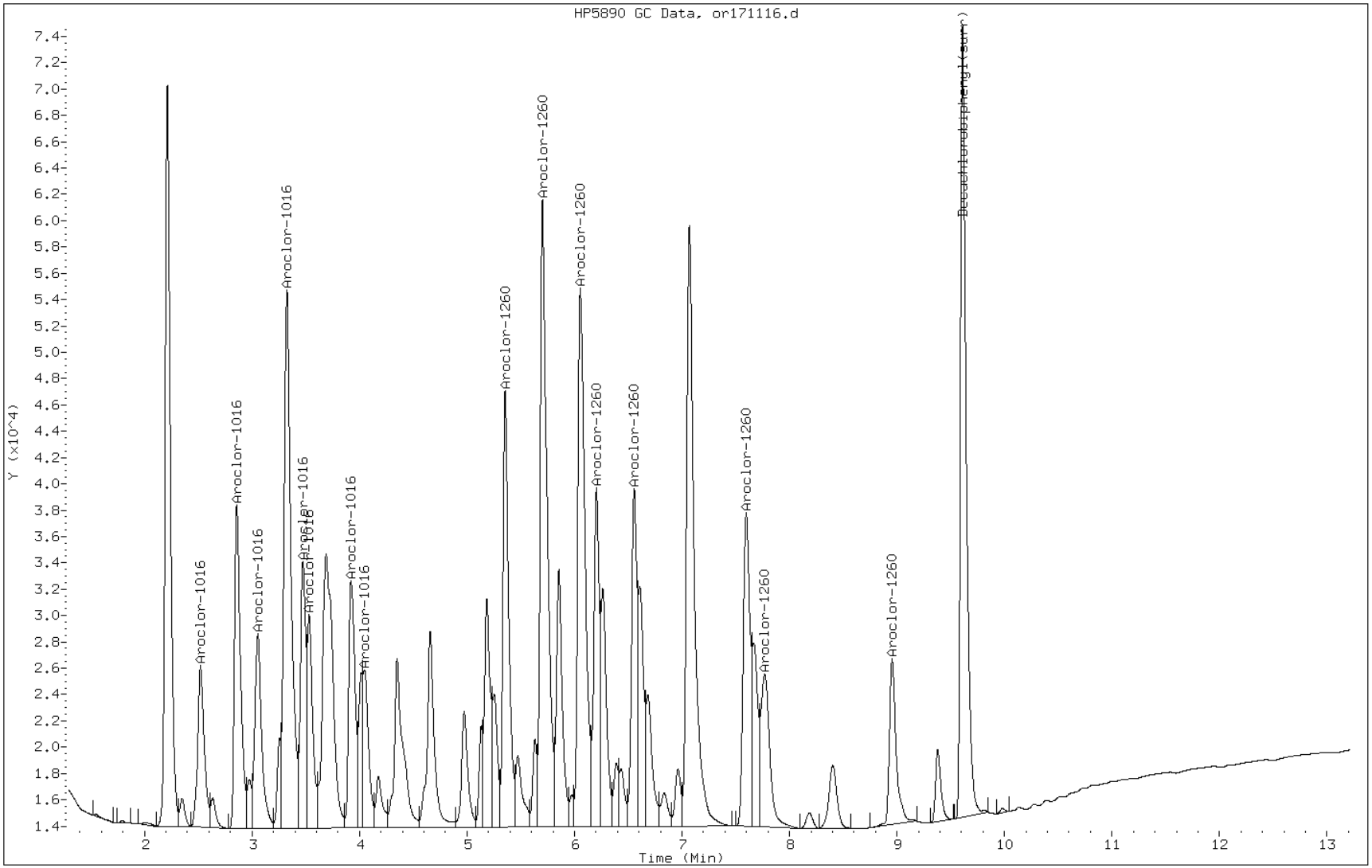
H - Operator selected an alternate compound hit.

Data File: or171116.d

Date: 01-APR-2011 11:00

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-69030/2-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24281-A-31-A MS

Matrix: Solid | Lab File ID: of171117.d

Analysis Method: 8082 | Date Collected: 03/16/2011 08:40

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.04(g) | Date Analyzed: 04/01/2011 11:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	554		89	17
11104-28-2	Aroclor 1221	89	U	89	27
11141-16-5	Aroclor 1232	89	U	89	50
53469-21-9	Aroclor 1242	89	U	89	17
12672-29-6	Aroclor 1248	89	U	89	24
11097-69-1	Aroclor 1254	89	U	89	30
11096-82-5	Aroclor 1260	539		89	9.9
37324-23-5	Aroclor 1262	89	U	89	15
11100-14-4	Aroclor 1268	89	U	89	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24281-A-31-A MS

Matrix: Solid | Lab File ID: or171117.d

Analysis Method: 8082 | Date Collected: 03/16/2011 08:40

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.04(g) | Date Analyzed: 04/01/2011 11:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	516		89	17
11104-28-2	Aroclor 1221	89	U	89	27
11141-16-5	Aroclor 1232	89	U	89	50
53469-21-9	Aroclor 1242	89	U	89	17
12672-29-6	Aroclor 1248	89	U	89	24
11097-69-1	Aroclor 1254	89	U	89	30
11096-82-5	Aroclor 1260	511		89	9.9
37324-23-5	Aroclor 1262	89	U	89	15
11100-14-4	Aroclor 1268	89	U	89	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24281-A-31-B MSD

Matrix: Solid | Lab File ID: of171118.d

Analysis Method: 8082 | Date Collected: 03/16/2011 08:40

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 11:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	476		89	17
11104-28-2	*Aroclor 1221*	*89*	*U*	*89*	*27*
11141-16-5	*Aroclor 1232*	*89*	*U*	*89*	*50*
53469-21-9	*Aroclor 1242*	*89*	*U*	*89*	*17*
12672-29-6	*Aroclor 1248*	*89*	*U*	*89*	*24*
11097-69-1	*Aroclor 1254*	*89*	*U*	*89*	*30*
11096-82-5	Aroclor 1260	476		89	9.9
37324-23-5	*Aroclor 1262*	*89*	*U*	*89*	*15*
11100-14-4	*Aroclor 1268*	*89*	*U*	*89*	*15*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24281-A-31-B MSD

Matrix: Solid | Lab File ID: or171118.d

Analysis Method: 8082 | Date Collected: 03/16/2011 08:40

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 11:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*460*		*89*	*17*
11104-28-2	Aroclor 1221	89	U	89	27
11141-16-5	Aroclor 1232	89	U	89	50
53469-21-9	Aroclor 1242	89	U	89	17
12672-29-6	Aroclor 1248	89	U	89	24
11097-69-1	Aroclor 1254	89	U	89	30
11096-82-5	*Aroclor 1260*	*439*		*89*	*9.9*
37324-23-5	Aroclor 1262	89	U	89	15
11100-14-4	Aroclor 1268	89	U	89	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		30-150

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/08/2011 20:28

Analysis Batch Number: 66778 End Date: 03/09/2011 00:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-66778/1		03/08/2011 20:28	1		CLP-2 0.53(mm)
RINSE 460-66778/1		03/08/2011 20:28	1		CLP-1 0.53(mm)
RINSE 460-66778/2		03/08/2011 20:50	1		CLP-2 0.53(mm)
RINSE 460-66778/2		03/08/2011 20:50	1		CLP-1 0.53(mm)
PIBLK 460-66778/3		03/08/2011 21:07	1		CLP-2 0.53(mm)
PIBLK 460-66778/3		03/08/2011 21:07	1		CLP-1 0.53(mm)
IC 460-66778/4		03/08/2011 21:23	1		CLP-2 0.53(mm)
IC 460-66778/4		03/08/2011 21:23	1		CLP-1 0.53(mm)
IC 460-66778/5		03/08/2011 21:40	1	of170283.d	CLP-2 0.53(mm)
IC 460-66778/5		03/08/2011 21:40	1	or170283.d	CLP-1 0.53(mm)
IC 460-66778/6		03/08/2011 21:56	1	of170284.d	CLP-2 0.53(mm)
IC 460-66778/6		03/08/2011 21:56	1	or170284.d	CLP-1 0.53(mm)
IC 460-66778/7		03/08/2011 22:12	1	of170285.d	CLP-2 0.53(mm)
IC 460-66778/7		03/08/2011 22:12	1	or170285.d	CLP-1 0.53(mm)
IC 460-66778/8		03/08/2011 22:29	1	of170286.d	CLP-2 0.53(mm)
IC 460-66778/8		03/08/2011 22:29	1	or170286.d	CLP-1 0.53(mm)
IC 460-66778/9		03/08/2011 22:45	1	of170287.d	CLP-2 0.53(mm)
IC 460-66778/9		03/08/2011 22:45	1	or170287.d	CLP-1 0.53(mm)
IC 460-66778/10		03/08/2011 23:02	1	of170288.d	CLP-2 0.53(mm)
IC 460-66778/10		03/08/2011 23:02	1	or170288.d	CLP-1 0.53(mm)
IC 460-66778/11		03/08/2011 23:18	1	of170289.d	CLP-2 0.53(mm)
IC 460-66778/11		03/08/2011 23:18	1	or170289.d	CLP-1 0.53(mm)
IC 460-66778/12		03/08/2011 23:34	1	of170290.d	CLP-2 0.53(mm)
IC 460-66778/12		03/08/2011 23:34	1	or170290.d	CLP-1 0.53(mm)
IC 460-66778/13		03/08/2011 23:51	1	of170291.d	CLP-2 0.53(mm)
IC 460-66778/13		03/08/2011 23:51	1	or170291.d	CLP-1 0.53(mm)
IC 460-66778/14		03/09/2011 00:07	1	of170292.d	CLP-2 0.53(mm)
IC 460-66778/14		03/09/2011 00:07	1	or170292.d	CLP-1 0.53(mm)
IC 460-66778/15		03/09/2011 00:23	1	of170293.d	CLP-2 0.53(mm)
IC 460-66778/15		03/09/2011 00:23	1	or170293.d	CLP-1 0.53(mm)
IC 460-66778/16		03/09/2011 00:40	1	of170294.d	CLP-2 0.53(mm)
IC 460-66778/16		03/09/2011 00:40	1	or170294.d	CLP-1 0.53(mm)
ZZZZZ		03/09/2011 00:56	1		CLP-2 0.53(mm)
ZZZZZ		03/09/2011 00:56	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 04/01/2011 20:40

Analysis Batch Number: 69307 End Date: 04/02/2011 02:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69307/1		04/01/2011 20:40	1		CLP-2 0.53(mm)
PIBLK 460-69307/1		04/01/2011 20:40	1		CLP-1 0.53(mm)
CCVRT 460-69307/2		04/01/2011 20:56	1	of171136.d	CLP-2 0.53(mm)
CCVRT 460-69307/2		04/01/2011 20:56	1	or171136.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 22:19	50		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 22:19	50		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 22:35	50		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 22:35	50		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 22:52	50		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 22:52	50		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 23:09	5		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 23:09	5		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 23:25	5		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 23:25	5		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 23:41	50		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 23:41	50		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 00:06	2		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 00:06	2		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 00:22	20		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 00:22	20		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 00:38	10		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 00:38	10		CLP-1 0.53(mm)
460-24279-2	PMP-6-WT-E (8.0-8.5)	04/02/2011 00:55	200	of171146.d	CLP-2 0.53(mm)
460-24279-2	PMP-6-WT-E (8.0-8.5)	04/02/2011 00:55	200	or171146.d	CLP-1 0.53(mm)
460-24279-3	PMP-6-SI-E (10.5-11.0)	04/02/2011 01:11	20	of171147.d	CLP-2 0.53(mm)
460-24279-3	PMP-6-SI-E (10.5-11.0)	04/02/2011 01:11	20	or171147.d	CLP-1 0.53(mm)
460-24279-7	PMP-7-VD-E (3.5-4)	04/02/2011 01:28	100	of171148.d	CLP-2 0.53(mm)
460-24279-7	PMP-7-VD-E (3.5-4)	04/02/2011 01:28	100	or171148.d	CLP-1 0.53(mm)
460-24279-8	PMP-7-WT-E (8-8.5)	04/02/2011 01:44	500	of171149.d	CLP-2 0.53(mm)
460-24279-8	PMP-7-WT-E (8-8.5)	04/02/2011 01:44	500	or171149.d	CLP-1 0.53(mm)
460-24279-9	PMP-7-SI-E (10.5-11)	04/02/2011 02:01	25	of171150.d	CLP-2 0.53(mm)
460-24279-9	PMP-7-SI-E (10.5-11)	04/02/2011 02:01	25	or171150.d	CLP-1 0.53(mm)
ZZZZZ		04/02/2011 02:17	1		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 02:17	1		CLP-1 0.53(mm)
PIBLK 460-69307/18		04/02/2011 02:34	1		CLP-2 0.53(mm)
PIBLK 460-69307/18		04/02/2011 02:34	1		CLP-1 0.53(mm)
CCV 460-69307/19		04/02/2011 02:50	1	of171153.d	CLP-2 0.53(mm)
CCV 460-69307/19		04/02/2011 02:50	1	or171153.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 04/01/2011 10:11

Analysis Batch Number: 69334 End Date: 04/01/2011 20:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69334/1		04/01/2011 10:11	1		CLP-2 0.53(mm)
PIBLK 460-69334/1		04/01/2011 10:11	1		CLP-1 0.53(mm)
CCVRT 460-69334/2		04/01/2011 10:27	1	of171114.d	CLP-2 0.53(mm)
CCVRT 460-69334/2		04/01/2011 10:27	1	or171114.d	CLP-1 0.53(mm)
MB 460-69030/1-A		04/01/2011 10:43	1	of171115.d	CLP-2 0.53(mm)
MB 460-69030/1-A		04/01/2011 10:43	1	or171115.d	CLP-1 0.53(mm)
LCS 460-69030/2-A		04/01/2011 11:00	1	of171116.d	CLP-2 0.53(mm)
LCS 460-69030/2-A		04/01/2011 11:00	1	or171116.d	CLP-1 0.53(mm)
460-24281-A-31-A MS		04/01/2011 11:17	1	of171117.d	CLP-2 0.53(mm)
460-24281-A-31-A MS		04/01/2011 11:17	1	or171117.d	CLP-1 0.53(mm)
460-24281-A-31-B MSD		04/01/2011 11:33	1	of171118.d	CLP-2 0.53(mm)
460-24281-A-31-B MSD		04/01/2011 11:33	1	or171118.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 11:50	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 11:50	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 12:06	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 12:06	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 13:41	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 13:41	1		CLP-1 0.53(mm)
460-24279-1	PMP-6-VD-E (3.5-4.0)	04/01/2011 13:57	1	of171122.d	CLP-2 0.53(mm)
460-24279-1	PMP-6-VD-E (3.5-4.0)	04/01/2011 13:57	1	or171122.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 14:13	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 14:13	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 14:29	1		CLP-2 0.53(mm)
460-24279-4	PMP3-VD-E (3.5-4.0)	04/01/2011 14:46	1	of171125.d	CLP-2 0.53(mm)
460-24279-5	PMP-3-WT-E (8.0-8.5)	04/01/2011 15:03	1	of171126.d	CLP-2 0.53(mm)
460-24279-5	PMP-3-WT-E (8.0-8.5)	04/01/2011 15:03	1	or171126.d	CLP-1 0.53(mm)
460-24279-6	PMP3-SI-E (10.5-11)	04/01/2011 15:19	1	of171127.d	CLP-2 0.53(mm)
460-24279-6	PMP3-SI-E (10.5-11)	04/01/2011 15:19	1	or171127.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 17:45	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 17:45	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 18:02	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 18:02	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 19:18	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 19:18	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 19:35	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 19:35	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 19:52	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 19:52	1		CLP-1 0.53(mm)
PIBLK 460-69334/21		04/01/2011 20:08	1		CLP-2 0.53(mm)
PIBLK 460-69334/21		04/01/2011 20:08	1		CLP-1 0.53(mm)
CCV 460-69334/22		04/01/2011 20:24	1	of171134.d	CLP-2 0.53(mm)
CCV 460-69334/22		04/01/2011 20:24	1	or171134.d	CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 69030 Batch Start Date: 03/31/11 09:06 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 03/31/11 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00015	OPPSTPCBSU 00016	
MB 460-69030/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-69030/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-24281-A-31 MS		3541, 8082	T	15.04 g	10 mL	75	50 uL	50 uL	
460-24281-A-31 MSD		3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-24279-F-1	PMP-6-VD-E (3.5-4.0)	3541, 8082	T	15.01 g	10 mL	80		50 uL	
460-24279-F-2	PMP-6-WT-E (8.0-8.5)	3541, 8082	T	15.03 g	10 mL	81		50 uL	
460-24279-F-3	PMP-6-SI-E (10.5-11.0)	3541, 8082	T	15.00 g	10 mL	82		50 uL	
460-24279-F-4	PMP3-VD-E (3.5-4.0)	3541, 8082	T	15.04 g	10 mL	83		50 uL	
460-24279-F-5	PMP-3-WT-E (8.0-8.5)	3541, 8082	T	15.02 g	10 mL	84		50 uL	
460-24279-F-6	PMP3-SI-E (10.5-11)	3541, 8082	T	15.03 g	10 mL	67		50 uL	
460-24279-F-7	PMP-7-VD-E (3.5-4)	3541, 8082	T	15.04 g	10 mL	68		50 uL	
460-24279-F-8	PMP-7-WT-E (8-8.5)	3541, 8082	T	15.02 g	10 mL	69		50 uL	
460-24279-F-9	PMP-7-SI-E (10.5-11)	3541, 8082	T	15.03 g	10 mL	70		50 uL	

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 69030 Batch Start Date: 03/31/11 09:06 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 03/31/11 12:00

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Blank Soil Lot Number	j41625
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	12pm
Vendor lot number	k05e15
Na2SO4 Lot Number	j41625
Person's name who did the prep	archie
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	9:06am
TBA Lot #	op088

Basis	Basis Description
T	Total/NA

Method NJ OQA QAM 025

New Jersey - Total petroleum Hydrocarbons (GC) by Method NJ_OQA_QAM_025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low

GC Column (2): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-6-VD-E (3.5-4.0)	460-24279-1	62	73
PMP-6-WT-E (8.0-8.5)	460-24279-2	0 X D	0 X D
PMP-6-SI-E (10.5-11.0)	460-24279-3	69	86
PMP3-VD-E (3.5-4.0)	460-24279-4	67	74
PMP-3-WT-E (8.0-8.5)	460-24279-5	66	71
PMP3-SI-E (10.5-11)	460-24279-6	68	74
PMP-7-VD-E (3.5-4)	460-24279-7	0 X D	0 X D
PMP-7-WT-E (8-8.5)	460-24279-8	0 X D	0 X D
PMP-7-SI-E (10.5-11)	460-24279-9	60	27 X
	MB 460-68954/1-A	67	71
	MB 460-68964/1-A	68	73
	LCS 460-68954/2-A	54	76
	LCS 460-68964/2-A	60	84
	460-24277-F-1-D MS	78	97
	460-24277-F-1-E MSD	78	95

	QC LIMITS
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60088.d

Lab ID: LCS 460-68954/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	76.3	57	58-112	*

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60325.d

Lab ID: LCS 460-68964/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	91.3	68	58-112	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60073.d

Lab ID: 460-24277-F-1-D MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	5.7 U	76.7	53	58-112	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60074.d

Lab ID: 460-24277-F-1-E MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	77.7	54	1	40	58-112	F

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: gcr60043.d Lab Sample ID: MB 460-68964/1-A

Matrix: Solid Date Extracted: 03/30/2011 10:00

Instrument ID: BNAGC1 Date Analyzed: 04/02/2011 06:34

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PMP-6-VD-E (3.5-4.0)	460-24279-1	gcr60065.d	04/02/2011 11:49
PMP-6-SI-E (10.5-11.0)	460-24279-3	gcr60067.d	04/02/2011 12:18
PMP3-VD-E (3.5-4.0)	460-24279-4	gcr60068.d	04/02/2011 12:44
PMP-3-WT-E (8.0-8.5)	460-24279-5	gcr60069.d	04/02/2011 12:58
PMP3-SI-E (10.5-11)	460-24279-6	gcr60072.d	04/02/2011 13:28
	460-24277-F-1-D MS	gcr60073.d	04/02/2011 13:51
	460-24277-F-1-E MSD	gcr60074.d	04/02/2011 14:06
	LCS 460-68964/2-A	gcr60325.d	04/05/2011 09:14
PMP-6-WT-E (8.0-8.5)	460-24279-2	gcr60339.d	04/05/2011 12:35

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab File ID: gcr60087.d Lab Sample ID: MB 460-68954/1-A

Matrix: Solid Date Extracted: 03/30/2011 10:00

Instrument ID: BNAGC1 Date Analyzed: 04/02/2011 17:10

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68954/2-A	gcr60088.d	04/02/2011 17:25
PMP-7-VD-E (3.5-4)	460-24279-7	gcr60344.d	04/05/2011 13:58
PMP-7-WT-E (8-8.5)	460-24279-8	gcr60345.d	04/05/2011 14:05
PMP-7-SI-E (10.5-11)	460-24279-9	gcr60346.d	04/05/2011 14:27

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-VD-E (3.5-4.0) Lab Sample ID: 460-24279-1

Matrix: Solid Lab File ID: gcr60065.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 12:35

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 11:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U *	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	73		48-112
108-90-7	Chlorobenzene	62		32-106

Data File: gcr60065.d
Report Date: 03-Apr-2011 11:25

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60065.d
Lab Smp Id: 460-24279-F-1-A Client Smp ID: PMP-6-VD-E (3.5-4.0
Inj Date : 02-APR-2011 11:49
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24279-F-1-A
Misc Info : 460-24279-F-1-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:25 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 71
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	5.52846	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.496	3.496	0.000	885243	14.5765	1.0(M)
$ 2 Chlorobenzene (sur)	0.733	0.733	0.000	444667	12.4310	0.88(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

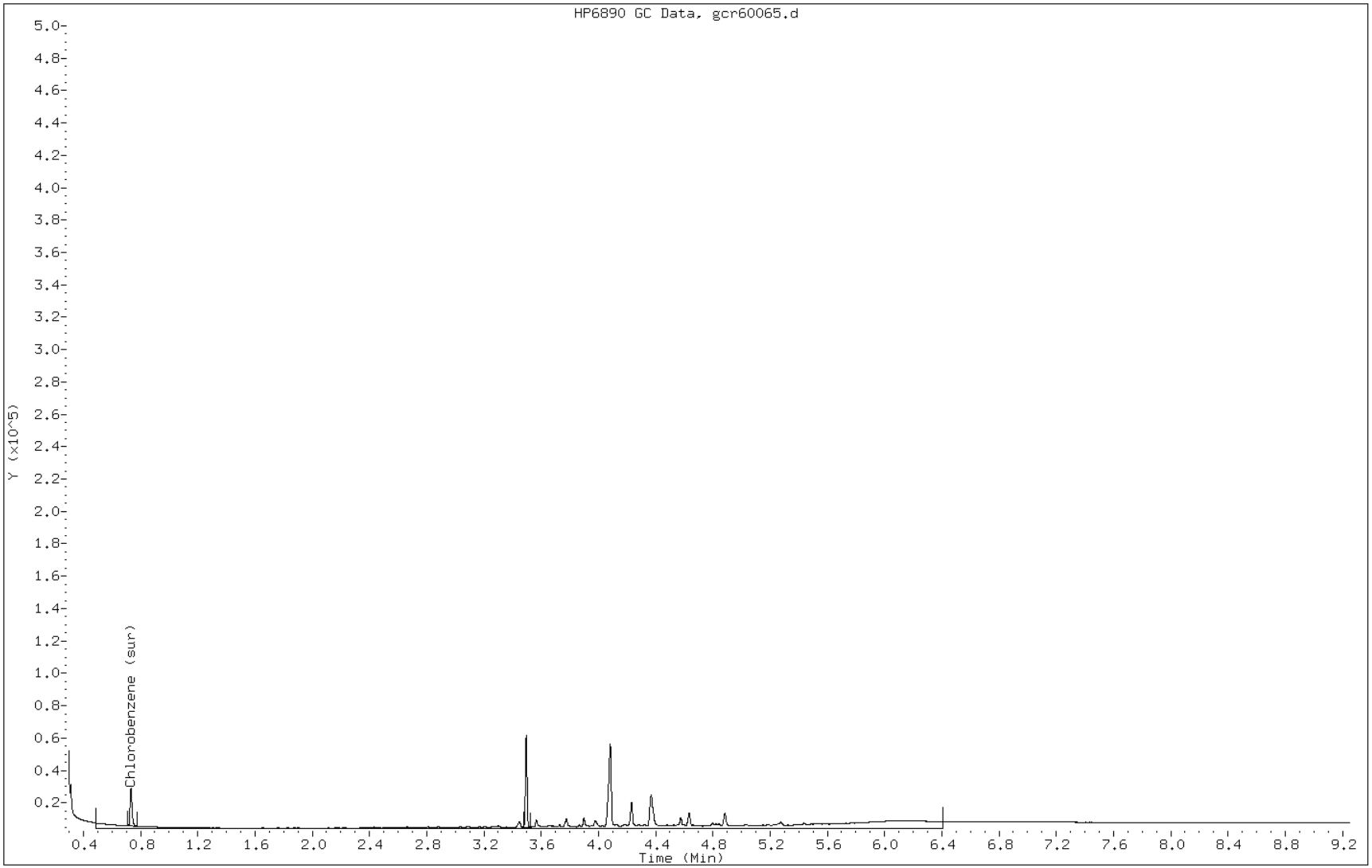
M - Compound response manually integrated.

Data File: gcr60065.d

Date: 02-APR-2011 11:49

Client ID: PMP-6-VD-E (3.5-4.0 Instrument: BNAGC1.i

Sample Info: 460-24279-F-1-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60065.d
Inj. Date and Time: 02-APR-2011 11:49
Instrument ID: BNAGC1.i
Client ID: PMP-6-VD-E (3.5-4.0
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

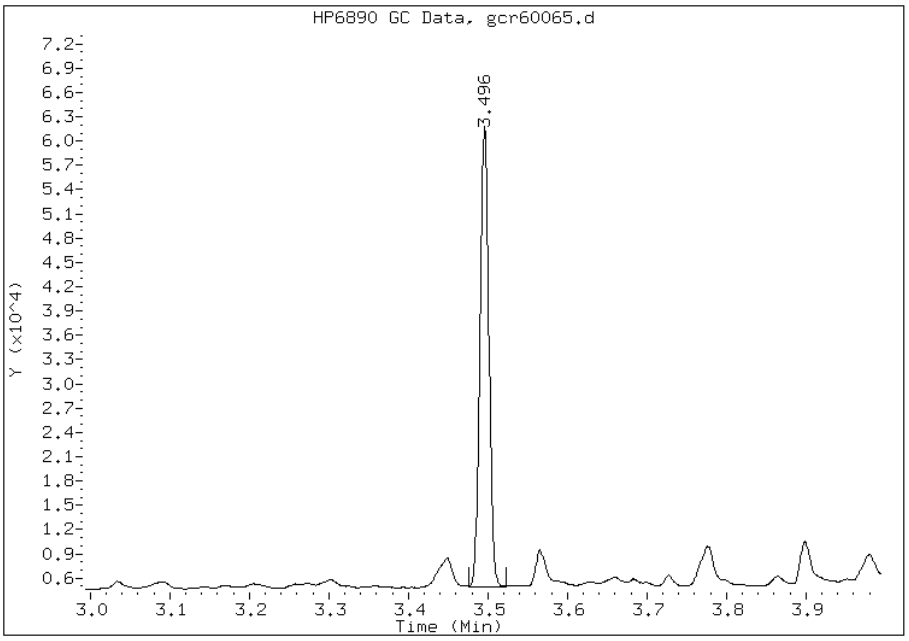
Manual Integration Results

RT: 3.50

Response: 885243

Amount: 14.58

Conc: 1.03



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60065.d
Inj. Date and Time: 02-APR-2011 11:49
Instrument ID: BNAGC1.i
Client ID: PMP-6-VD-E (3.5-4.0
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

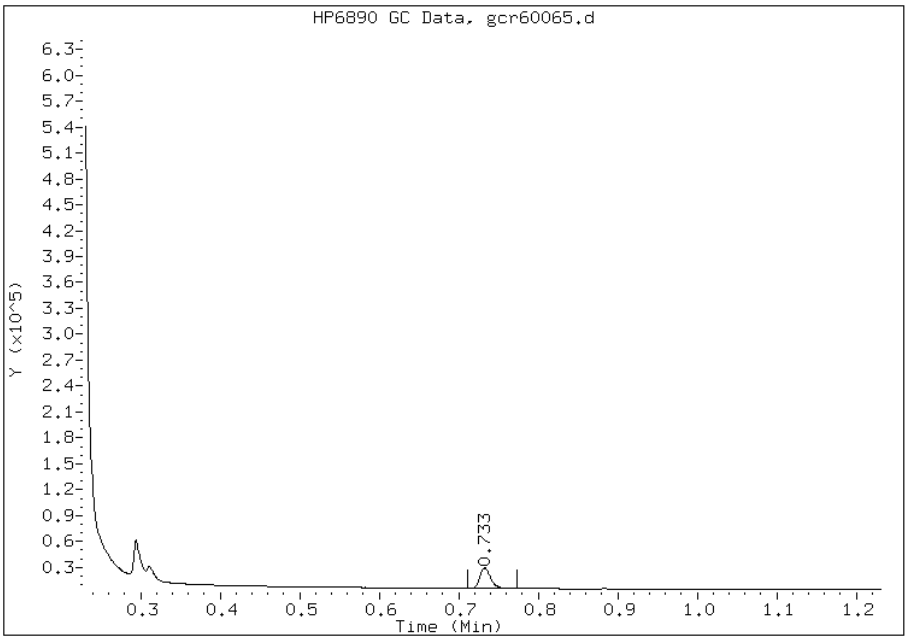
Manual Integration Results

RT: 0.73

Response: 444667

Amount: 12.43

Conc: 0.88



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-WT-E (8.0-8.5) Lab Sample ID: 460-24279-2

Matrix: Solid Lab File ID: gcr60339.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 12:40

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.04(g) Date Analyzed: 04/05/2011 12:35

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6000		310	310

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60339.d
Report Date: 05-Apr-2011 15:01

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60339.d
Lab Smp Id: 460-24279-F-2-A Client Smp ID: PMP-6-WT-E (8.0-8.5
Inj Date : 05-APR-2011 12:35
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24279-F-2-A
Misc Info : 460-24279-F-2-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 13:09 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 16
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	11.67147	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	2.655	2.871	-0.216	94140817	1583.90	5960(M)

QC Flag Legend

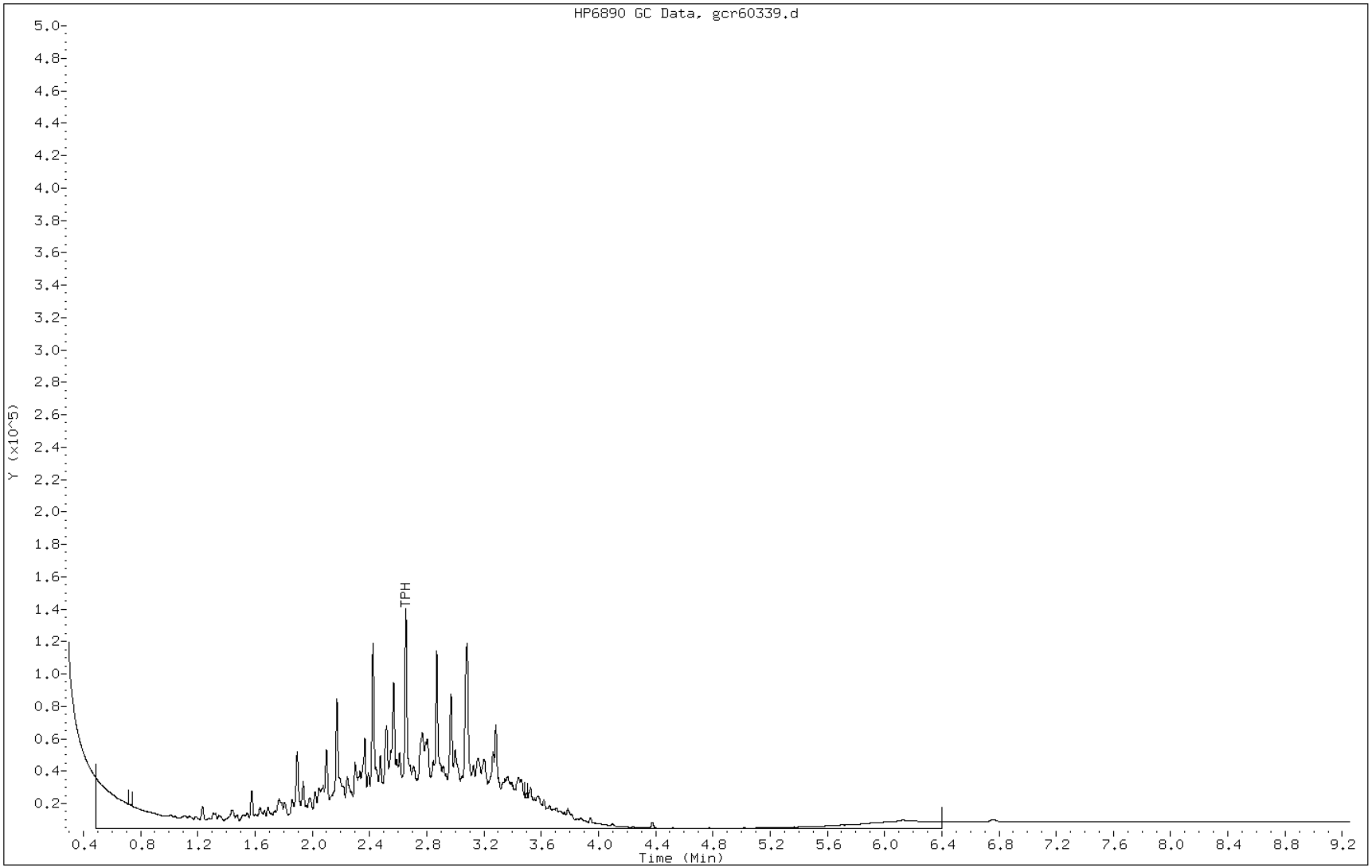
M - Compound response manually integrated.

Data File: gcr60339.d

Date: 05-APR-2011 12:35

Client ID: PMP-6-WT-E (8.0-8.5 Instrument: BNAGC1.i

Sample Info: 460-24279-F-2-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-6-SI-E (10.5-11.0) Lab Sample ID: 460-24279-3

Matrix: Solid Lab File ID: gcr60067.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 12:45

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 12:18

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	250	*	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	86		48-112
108-90-7	Chlorobenzene	69		32-106

Data File: gcr60067.d
Report Date: 03-Apr-2011 11:40

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60067.d
Lab Smp Id: 460-24279-F-3-A Client Smp ID: PMP-6-SI-E (10.5-11
Inj Date : 02-APR-2011 12:18
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24279-F-3-A
Misc Info : 460-24279-F-3-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:25 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 73
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	12.95844	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.497	3.496	0.001	1049441	17.2802	1.3(M)
$ 2 Chlorobenzene (sur)	0.732	0.733	-0.001	493119	13.7855	1.0(M)
3 TPH	3.094	3.274	-0.180	196866601	3312.25	254(M)

QC Flag Legend

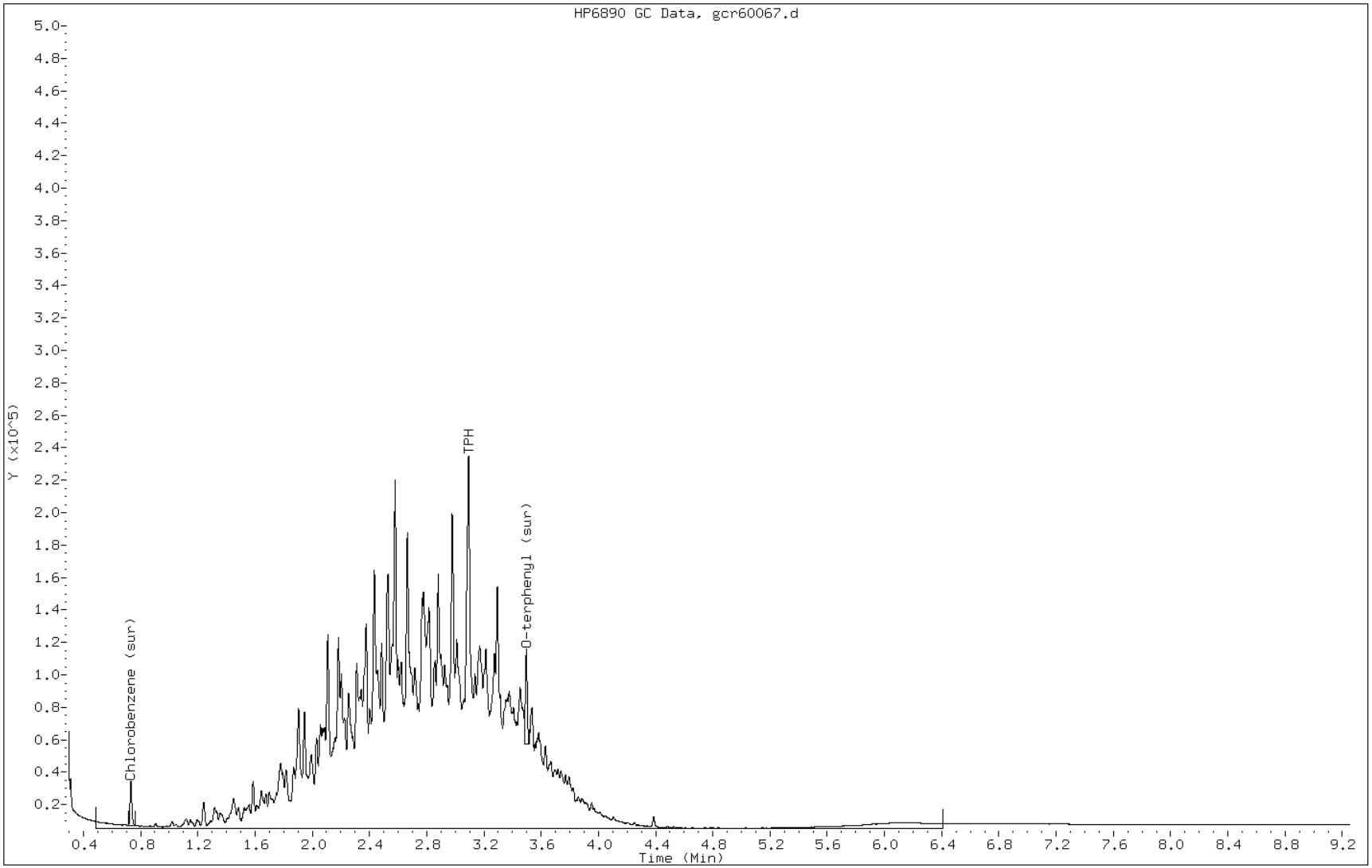
M - Compound response manually integrated.

Data File: gcr60067.d

Date: 02-APR-2011 12:18

Client ID: PMP-6-SI-E (10.5-11 Instrument: BNAGC1.i

Sample Info: 460-24279-F-3-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60067.d
Inj. Date and Time: 02-APR-2011 12:18
Instrument ID: BNAGC1.i
Client ID: PMP-6-SI-E (10.5-11
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

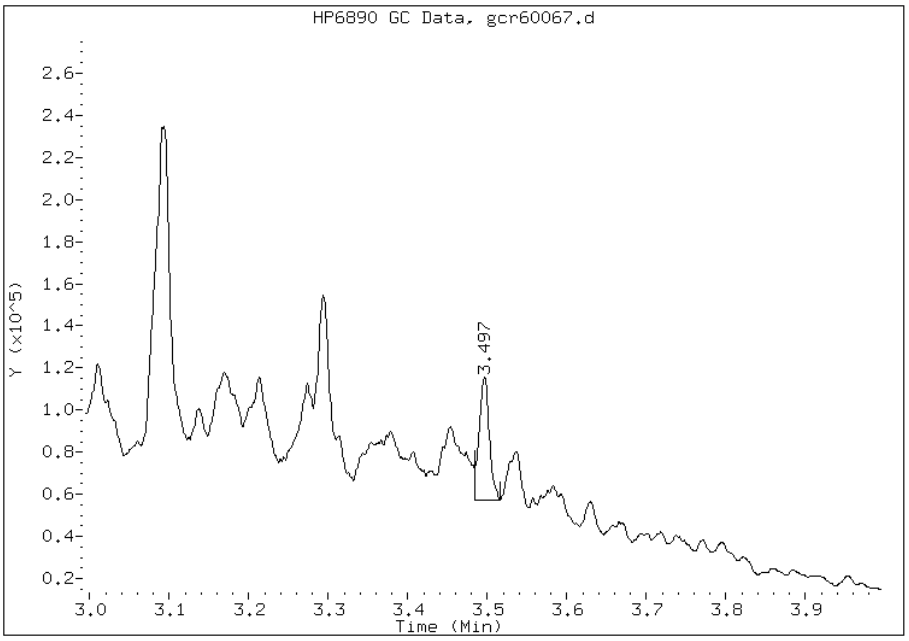
Manual Integration Results

RT: 3.50

Response: 1049441

Amount: 17.28

Conc: 1.32



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60067.d
Inj. Date and Time: 02-APR-2011 12:18
Instrument ID: BNAGC1.i
Client ID: PMP-6-SI-E (10.5-11
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

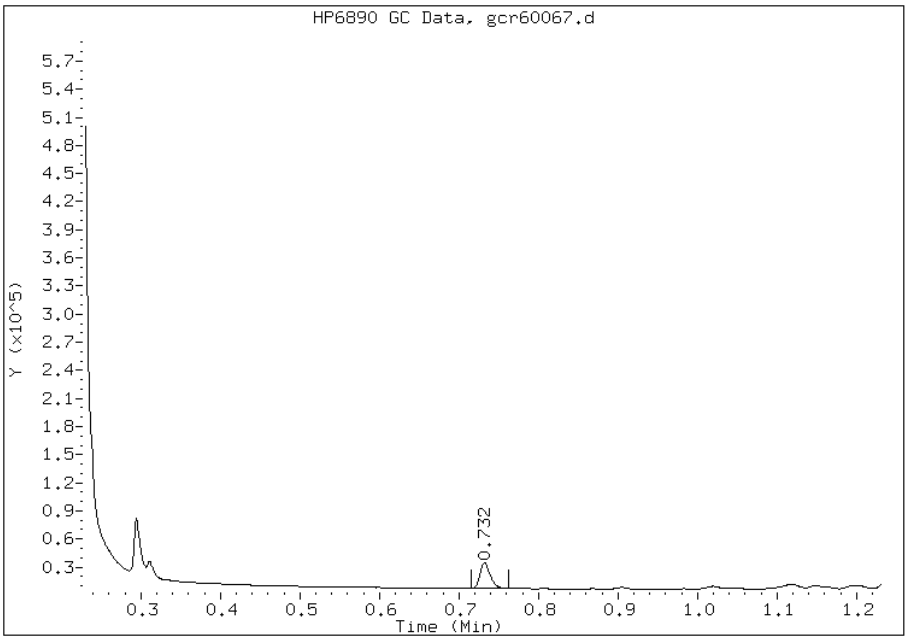
Manual Integration Results

RT: 0.73

Response: 493119

Amount: 13.79

Conc: 1.06



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-VD-E (3.5-4.0) Lab Sample ID: 460-24279-4

Matrix: Solid Lab File ID: gcr60068.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 13:05

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 12:44

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U *	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	74		48-112
108-90-7	Chlorobenzene	67		32-106

Data File: gcr60068.d
Report Date: 03-Apr-2011 11:40

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60068.d
Lab Smp Id: 460-24279-F-4-A Client Smp ID: PMP3-VD-E (3.5-4.0)
Inj Date : 02-APR-2011 12:44
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24279-F-4-A
Misc Info : 460-24279-F-4-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:25 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 74
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	4.68354	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.496	3.496	0.000	898036	14.7872	1.0(M)
$ 2 Chlorobenzene (sur)	0.733	0.733	0.000	476049	13.3083	0.93(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

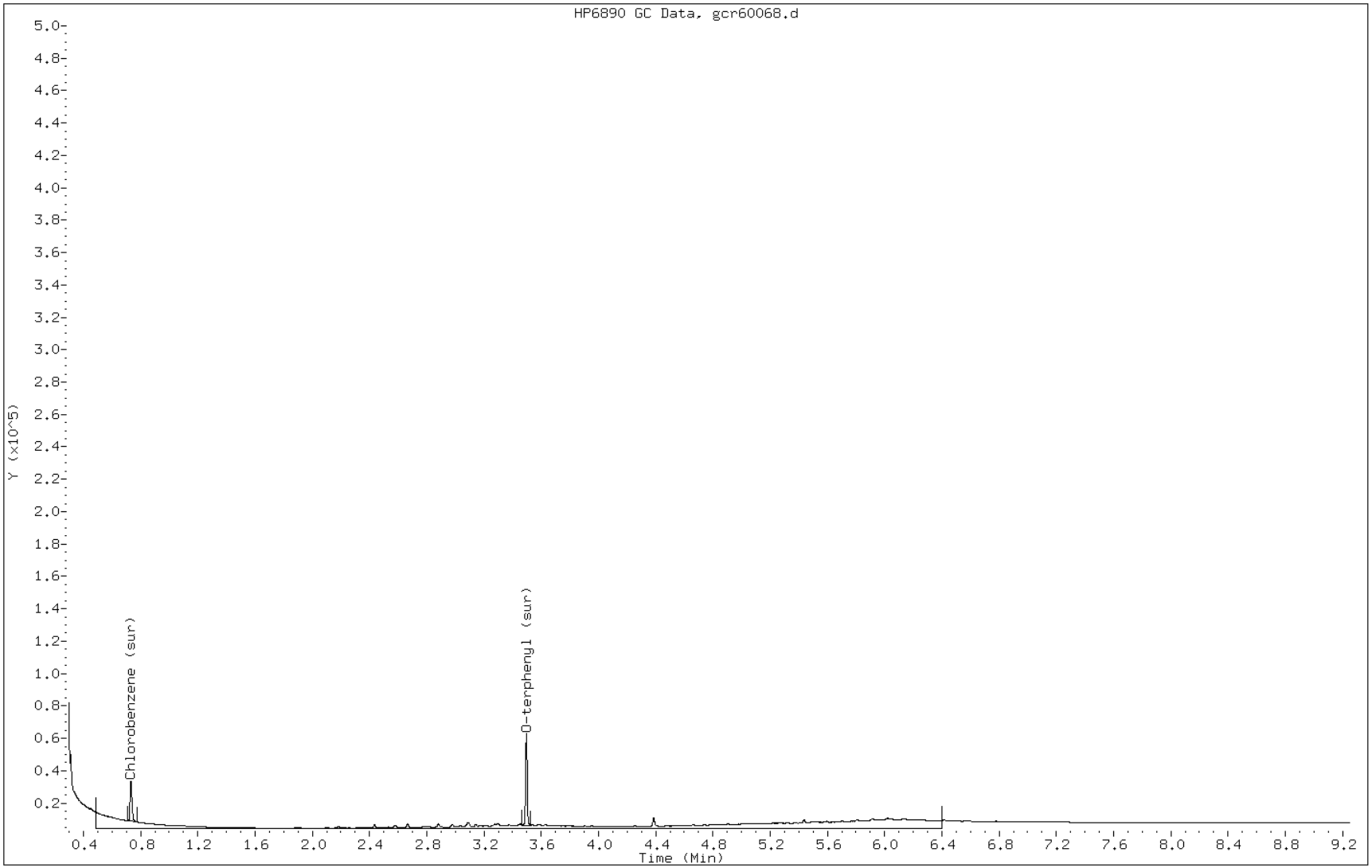
M - Compound response manually integrated.

Data File: gcr60068.d

Date: 02-APR-2011 12:44

Client ID: PMP3-VD-E (3.5-4.0) Instrument: BNAGC1.i

Sample Info: 460-24279-F-4-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60068.d
Inj. Date and Time: 02-APR-2011 12:44
Instrument ID: BNAGC1.i
Client ID: PMP3-VD-E (3.5-4.0)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

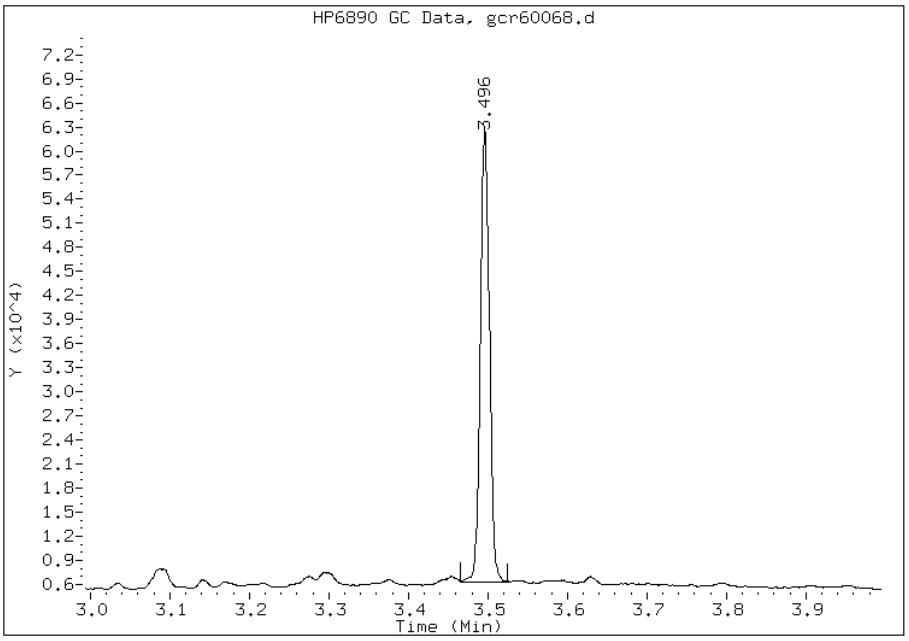
Manual Integration Results

RT: 3.50

Response: 898036

Amount: 14.79

Conc: 1.03



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60068.d
Inj. Date and Time: 02-APR-2011 12:44
Instrument ID: BNAGC1.i
Client ID: PMP3-VD-E (3.5-4.0)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

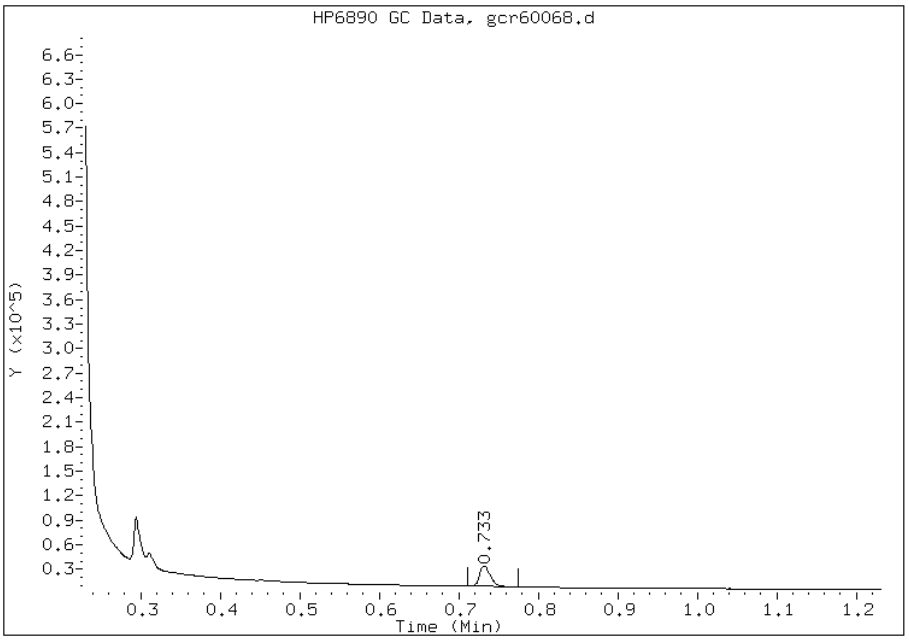
Manual Integration Results

RT: 0.73

Response: 476049

Amount: 13.31

Conc: 0.93



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-3-WT-E (8.0-8.5) Lab Sample ID: 460-24279-5

Matrix: Solid Lab File ID: gcr60069.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 13:10

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 12:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.2	U *	6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		48-112
108-90-7	Chlorobenzene	66		32-106

Data File: gcr60069.d
Report Date: 03-Apr-2011 11:40

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60069.d
Lab Smp Id: 460-24279-F-5-A Client Smp ID: PMP-3-WT-E (8.0-8.5
Inj Date : 02-APR-2011 12:58
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24279-F-5-A
Misc Info : 460-24279-F-5-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:25 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 75
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	11.88119	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.496	3.496	0.000	865791	14.2562	1.1(M)
$ 2 Chlorobenzene (sur)	0.733	0.733	0.000	470012	13.1395	0.99(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

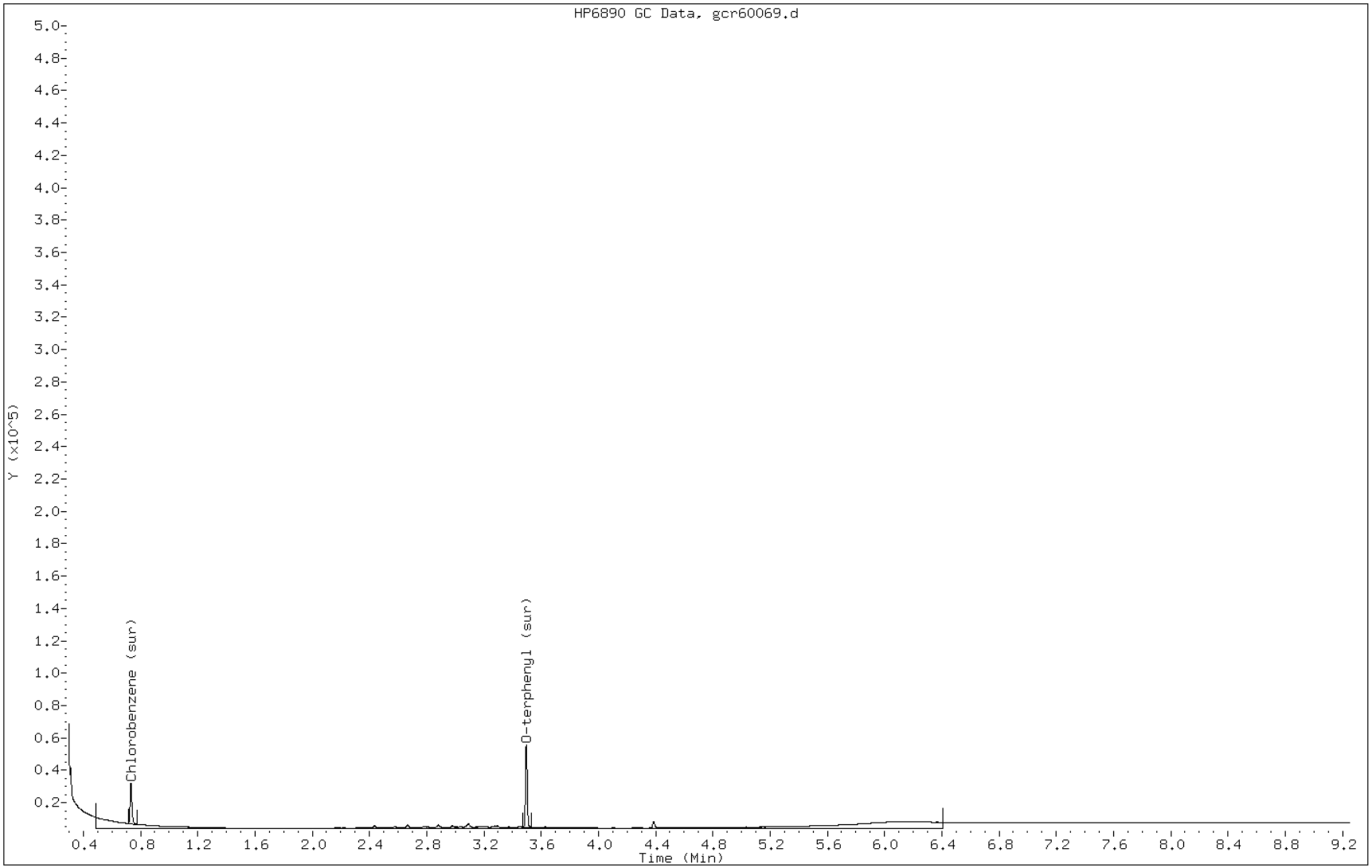
M - Compound response manually integrated.

Data File: gcr60069.d

Date: 02-APR-2011 12:58

Client ID: PMP-3-WT-E (8.0-8.5 Instrument: BNAGC1.i

Sample Info: 460-24279-F-5-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60069.d
Inj. Date and Time: 02-APR-2011 12:58
Instrument ID: BNAGC1.i
Client ID: PMP-3-WT-E (8.0-8.5
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

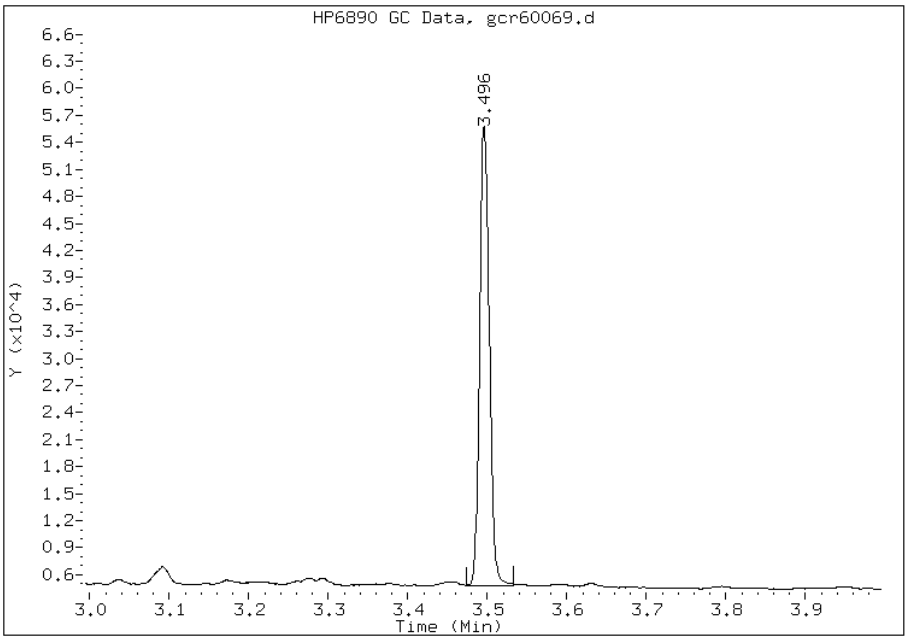
Manual Integration Results

RT: 3.50

Response: 865791

Amount: 14.26

Conc: 1.08



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60069.d
Inj. Date and Time: 02-APR-2011 12:58
Instrument ID: BNAGC1.i
Client ID: PMP-3-WT-E (8.0-8.5
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

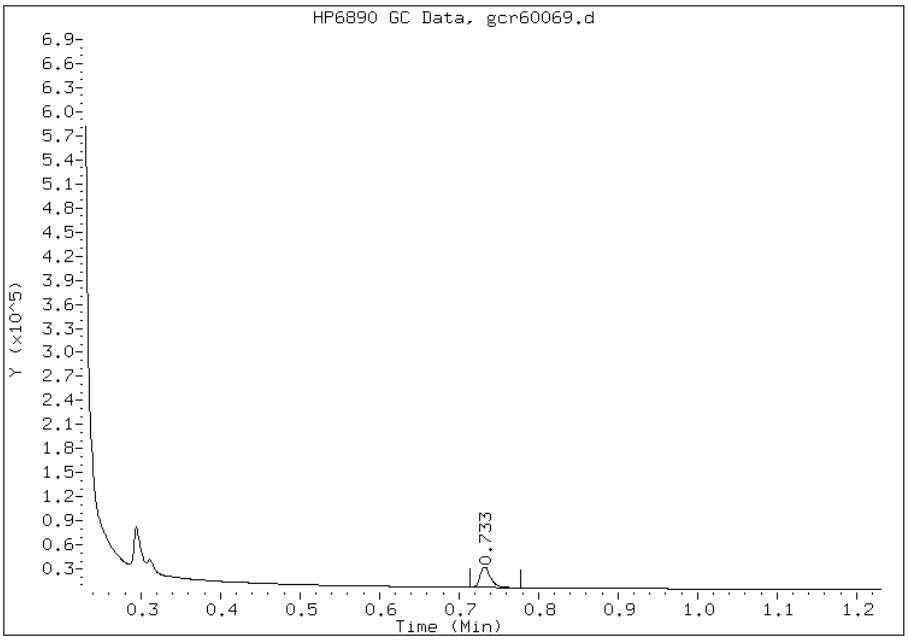
Manual Integration Results

RT: 0.73

Response: 470012

Amount: 13.14

Conc: 0.99



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP3-SI-E (10.5-11) Lab Sample ID: 460-24279-6

Matrix: Solid Lab File ID: gcr60072.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 13:15

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.02(g) Date Analyzed: 04/02/2011 13:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U *	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	74		48-112
108-90-7	Chlorobenzene	68		32-106

Data File: gcr60072.d
Report Date: 04-Apr-2011 09:56

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60072.d
Lab Smp Id: 460-24279-F-6-A Client Smp ID: PMP3-SI-E (10.5-11)
Inj Date : 02-APR-2011 13:28
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24279-F-6-A
Misc Info : 460-24279-F-6-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:40 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 76
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	13.12102	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.496	3.496	0.000	893057	14.7052	1.1(M)
$ 2 Chlorobenzene (sur)	0.734	0.734	0.000	487676	13.6333	1.0(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

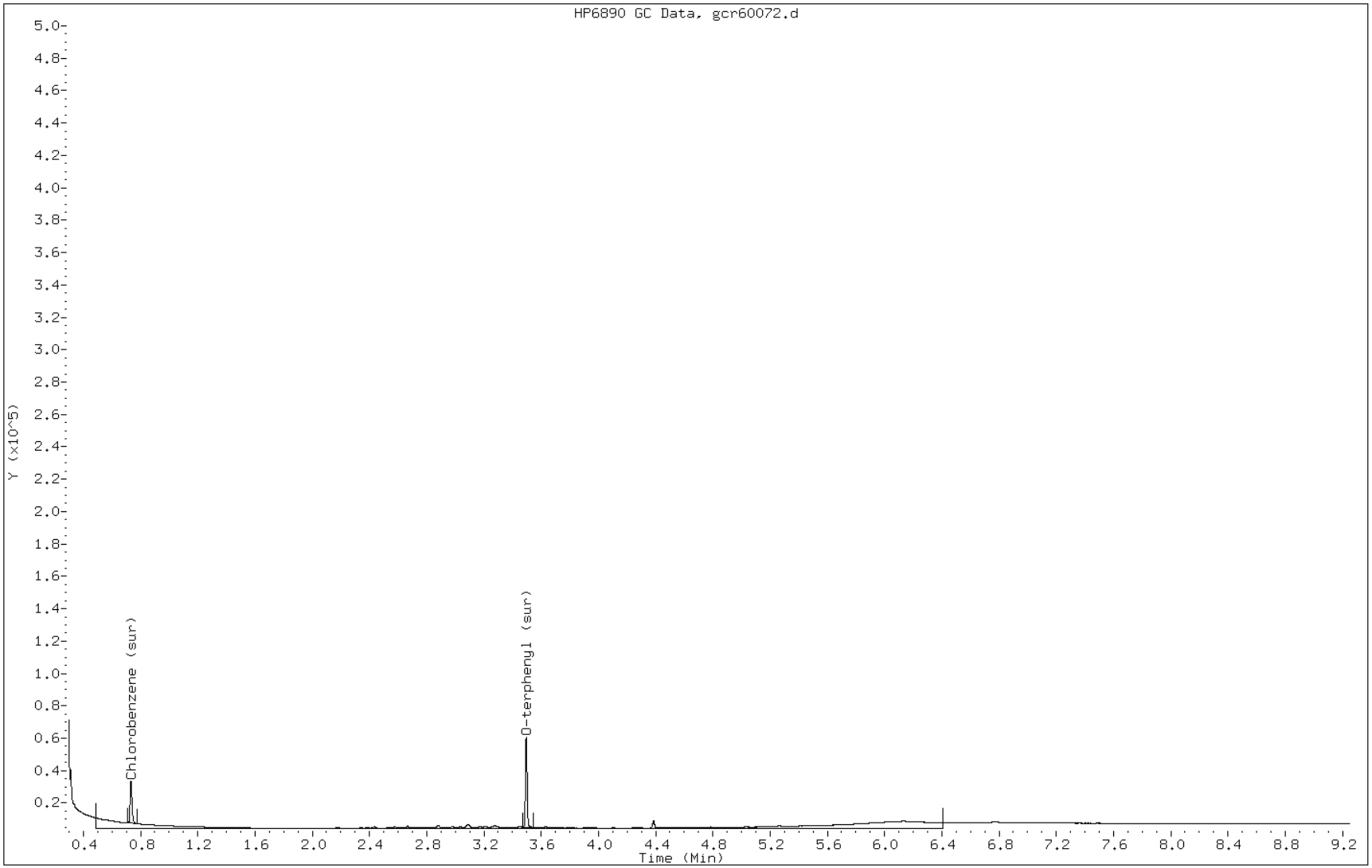
M - Compound response manually integrated.

Data File: gcr60072.d

Date: 02-APR-2011 13:28

Client ID: PMP3-SI-E (10.5-11) Instrument: BNAGC1.i

Sample Info: 460-24279-F-6-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60072.d
Inj. Date and Time: 02-APR-2011 13:28
Instrument ID: BNAGC1.i
Client ID: PMP3-SI-E (10.5-11)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

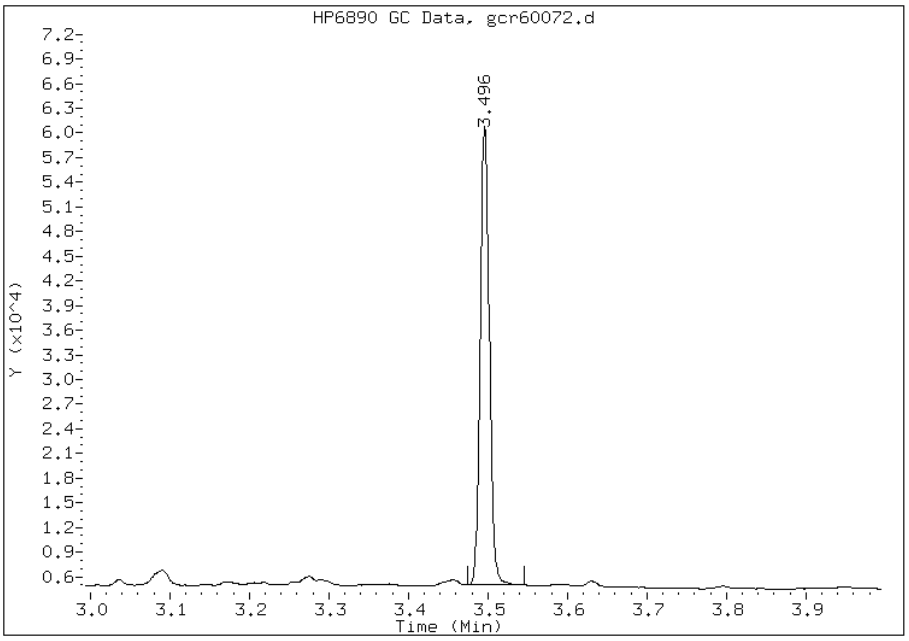
Manual Integration Results

RT: 3.50

Response: 893057

Amount: 14.71

Conc: 1.13



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60072.d
Inj. Date and Time: 02-APR-2011 13:28
Instrument ID: BNAGC1.i
Client ID: PMP3-SI-E (10.5-11)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

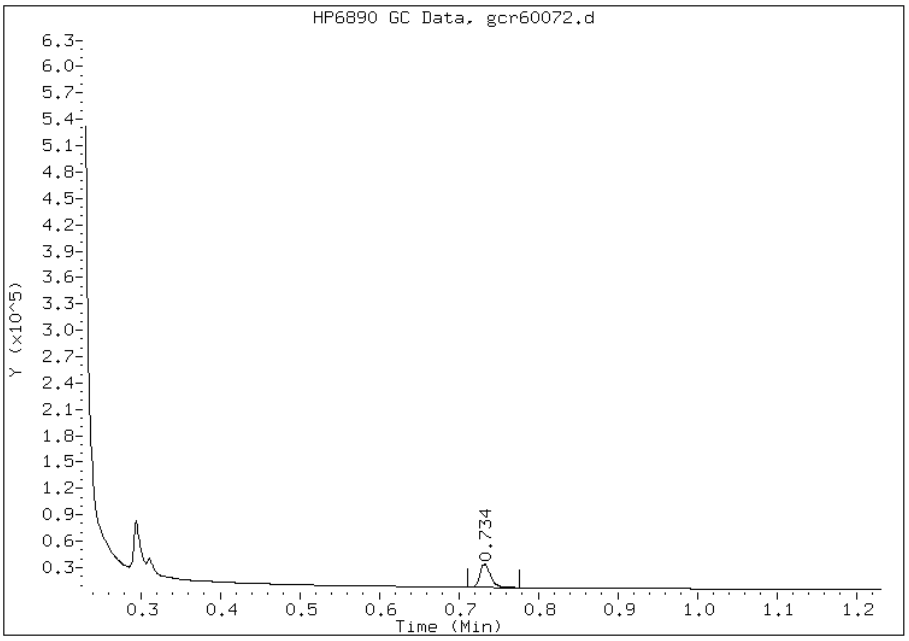
Manual Integration Results

RT: 0.73

Response: 487676

Amount: 13.63

Conc: 1.04



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-VD-E (3.5-4) | Lab Sample ID: 460-24279-7

Matrix: Solid | Lab File ID: gcr60344.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/17/2011 13:30

Extraction Method: 3546 | Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) | Date Analyzed: 04/05/2011 13:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2900	*	120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60344.d
Report Date: 05-Apr-2011 15:01

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60344.d
Lab Smp Id: 460-24279-F-7-A Client Smp ID: PMP-7-VD-E (3.5-4)
Inj Date : 05-APR-2011 13:58
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24279-F-7-A
Misc Info : 460-24279-F-7-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 13:09 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 21
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	5.78187	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.085	2.871	0.214	121690265	2047.42	2900(M)

QC Flag Legend

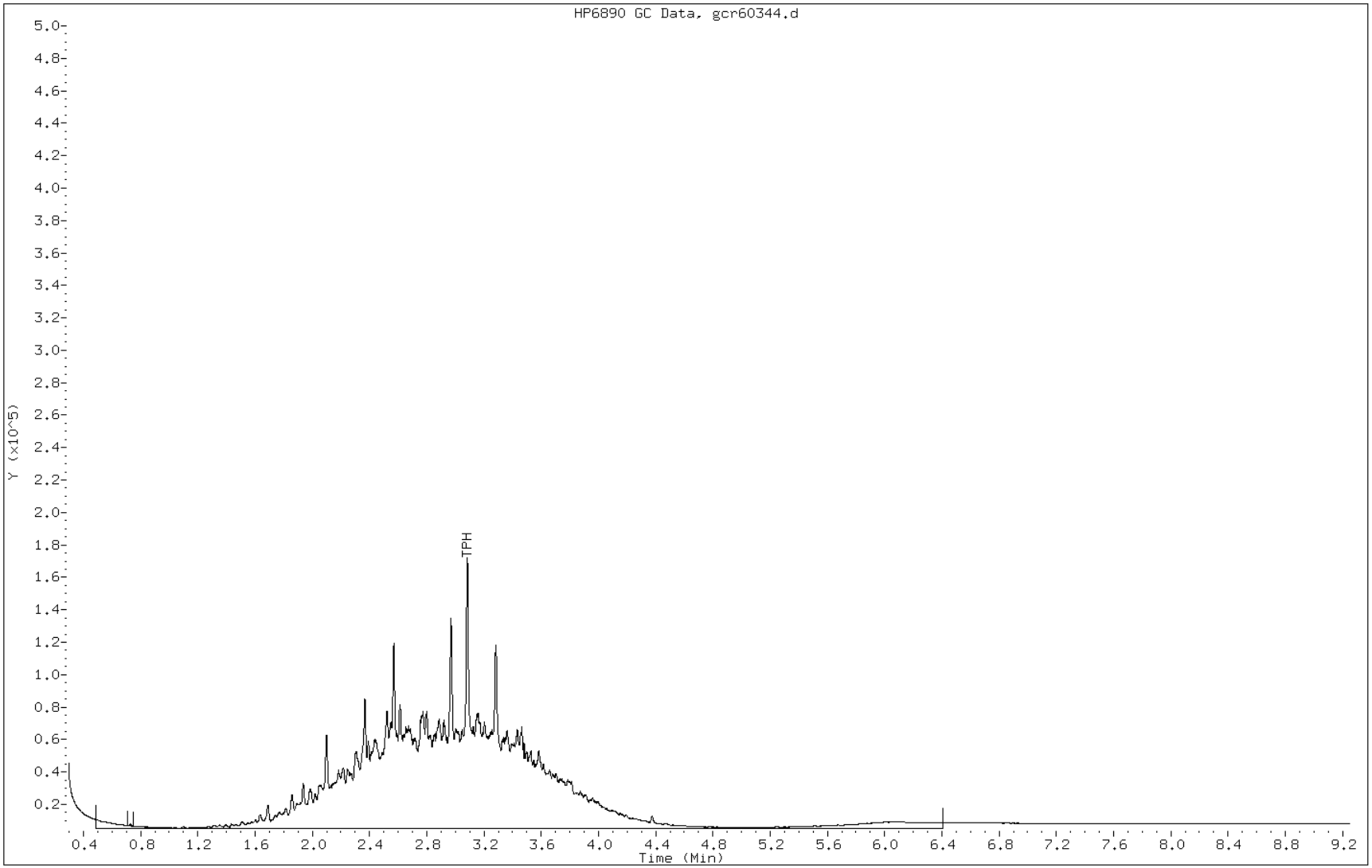
M - Compound response manually integrated.

Data File: gcr60344.d

Date: 05-APR-2011 13:58

Client ID: PMP-7-VD-E (3.5-4) Instrument: BNAGC1.i

Sample Info: 460-24279-F-7-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-WT-E (8-8.5) | Lab Sample ID: 460-24279-8

Matrix: Solid | Lab File ID: gcr60345.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/17/2011 13:35

Extraction Method: 3546 | Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.02(g) | Date Analyzed: 04/05/2011 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3200	*	120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60345.d
Report Date: 05-Apr-2011 15:01

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60345.d
Lab Smp Id: 460-24279-F-8-A Client Smp ID: PMP-7-WT-E (8-8.5)
Inj Date : 05-APR-2011 14:05
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24279-F-8-A
Misc Info : 460-24279-F-8-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 13:09 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 22
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	8.96018	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.084	2.871	0.213	131384355	2210.52	3230(M)

QC Flag Legend

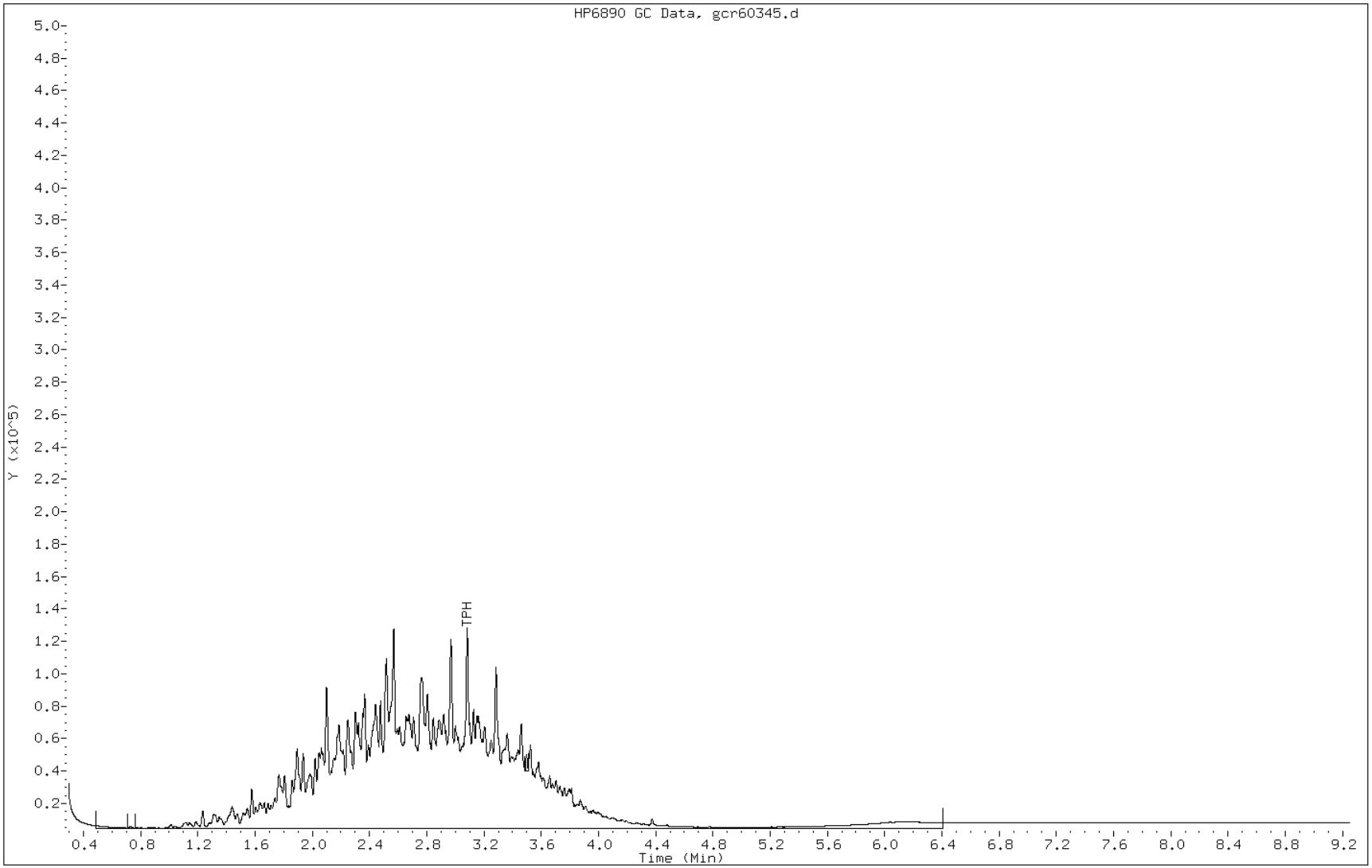
M - Compound response manually integrated.

Data File: gcr60345.d

Date: 05-APR-2011 14:05

Client ID: PMP-7-WT-E (8-8.5) Instrument: BNAGC1.i

Sample Info: 460-24279-F-8-A Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: PMP-7-SI-E (10.5-11) Lab Sample ID: 460-24279-9

Matrix: Solid Lab File ID: gcr60346.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 13:40

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.05(g) Date Analyzed: 04/05/2011 14:27

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	720	*	31	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	27	X	48-112
108-90-7	Chlorobenzene	60		32-106

Data File: gcr60346.d
Report Date: 05-Apr-2011 15:01

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60346.d
Lab Smp Id: 460-24279-F-9-A Client Smp ID: PMP-7-SI-E (10.5-11
Inj Date : 05-APR-2011 14:27
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24279-F-9-A
Misc Info : 460-24279-F-9-A
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 13:09 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 23
Dil Factor: 5.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	12.63158	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.482	3.486	-0.004	64663	1.06475	0.40(aRM)
$ 2 Chlorobenzene (sur)	0.728	0.727	0.001	85143	2.38024	0.90(aM)
3 TPH	2.655	2.871	-0.216	113166403	1904.00	724(M)

QC Flag Legend

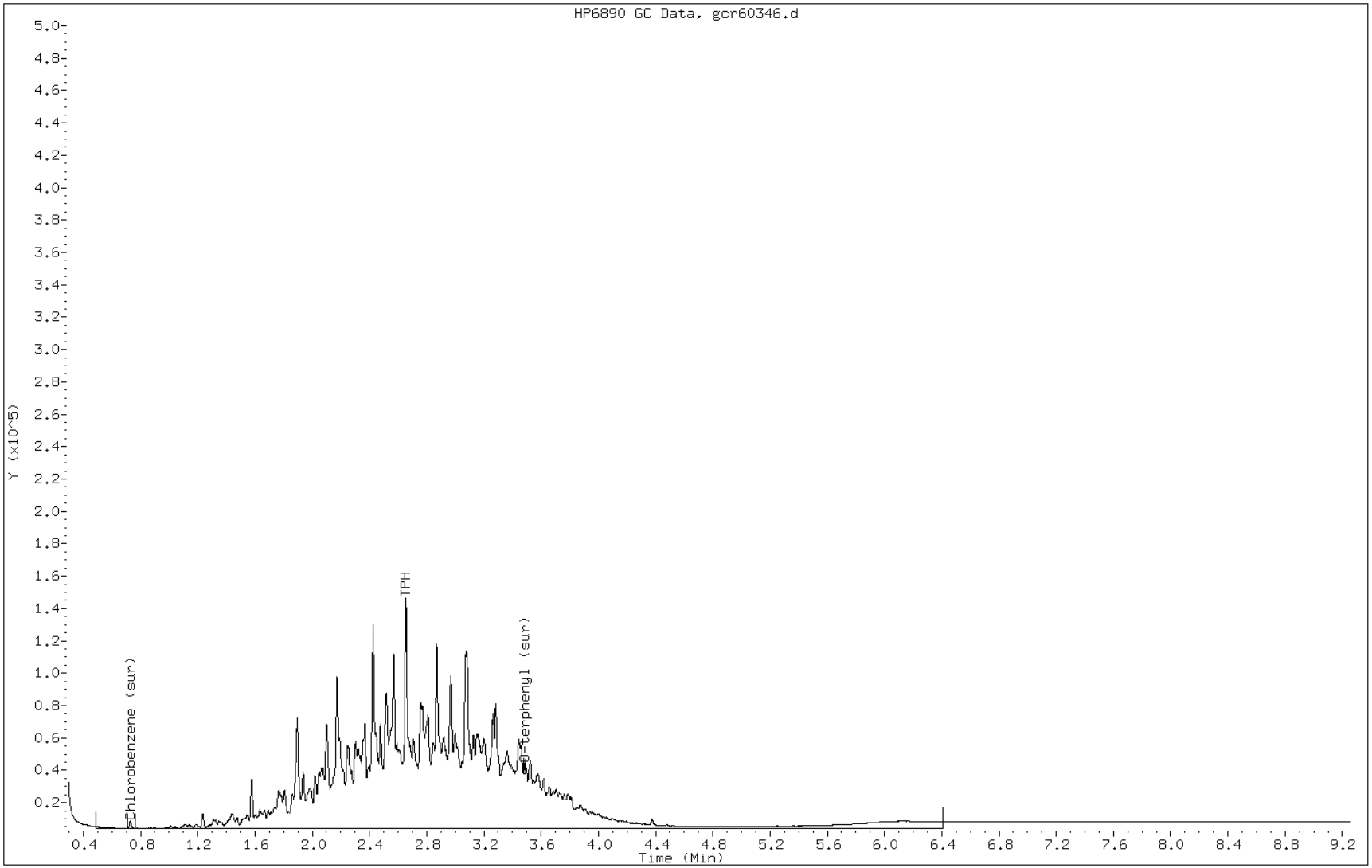
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcr60346.d

Date: 05-APR-2011 14:27

Client ID: PMP-7-SI-E (10.5-11 Instrument: BNAGC1.i

Sample Info: 460-24279-F-9-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60346.d
Inj. Date and Time: 05-APR-2011 14:27
Instrument ID: BNAGC1.i
Client ID: PMP-7-SI-E (10.5-11
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 3.49

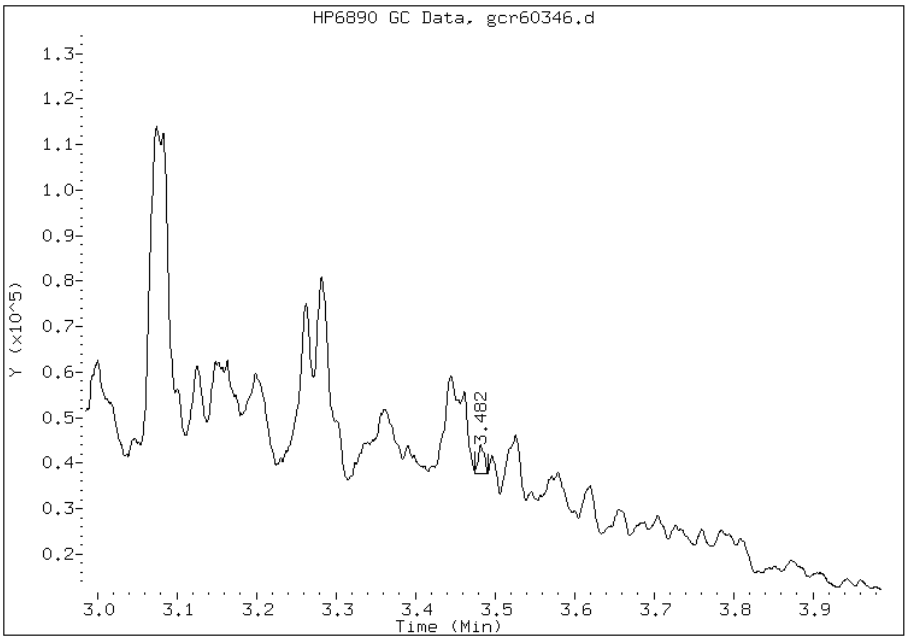
Manual Integration Results

RT: 3.48

Response: 64663

Amount: 1.06

Conc: 0.40



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60346.d
Inj. Date and Time: 05-APR-2011 14:27
Instrument ID: BNAGC1.i
Client ID: PMP-7-SI-E (10.5-11
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

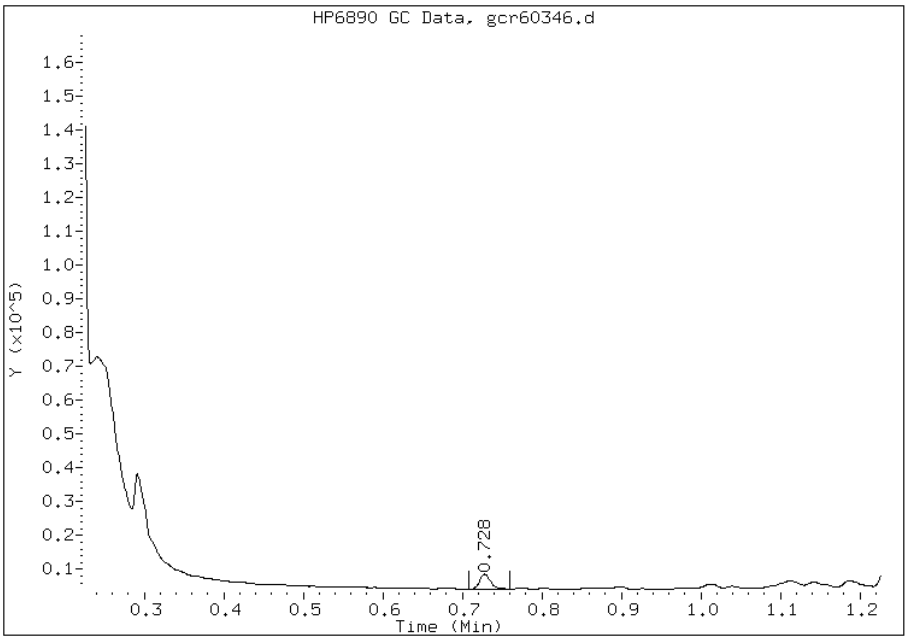
Manual Integration Results

RT: 0.73

Response: 85143

Amount: 2.38

Conc: 0.91



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68891

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2011 18:32 Calibration End Date: 03/29/2011 19:23 Calibration ID: 10307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68891/8	gcr59698.d
Level 2	IC 460-68891/7	gcr59697.d
Level 3	IC 460-68891/6	gcr59696.d
Level 4	IC 460-68891/5	gcr59695.d
Level 5	IC 460-68891/4	gcr59694.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	0.578	3.285	2.891	3.286	3.286						0.000 - 33.447	2.665
Chlorobenzene	0.745	0.743	0.744	0.744	0.744						0.645 - 0.845	0.744
o-Terphenyl	3.511	3.509	3.509	3.509	3.509						3.411 - 3.611	3.509

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68891

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2011 18:32 Calibration End Date: 03/29/2011 19:23 Calibration ID: 10307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68891/8	gcr59698.d
Level 2	IC 460-68891/7	gcr59697.d
Level 3	IC 460-68891/6	gcr59696.d
Level 4	IC 460-68891/5	gcr59695.d
Level 5	IC 460-68891/4	gcr59694.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Total Petroleum Hydrocarbons (C8-C40)	77049 55966	56984	51352	55830	Ave		59435.9893				17.0		20.0			
Chlorobenzene	33952 38742	34210	34509	37442	Ave		35770.8320				6.1		20.0			
o-Terphenyl	58504 64334	57358	59017	64441	Ave		60730.7840				5.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24279-1 Analy Batch No.: 68891

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2011 18:32 Calibration End Date: 03/29/2011 19:23 Calibration ID: 10307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68891/8	gcr59698.d
Level 2	IC 460-68891/7	gcr59697.d
Level 3	IC 460-68891/6	gcr59696.d
Level 4	IC 460-68891/5	gcr59695.d
Level 5	IC 460-68891/4	gcr59694.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Total Petroleum Hydrocarbons (C8-C40)	Ave	6342662	23454461	42272898	114897894	230354672	82.3	412	823	2058	4116
Chlorobenzene	Ave	8488	42762	86272	234014	484269	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	14626	71698	147542	402755	804174	0.250	1.25	2.50	6.25	12.5

Curve Type Legend:
Ave = Average

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/67 Calibration Date: 04/02/2011 04:16

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60033.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	57112		1980	2060	-3.9	15.0
Chlorobenzene	Ave	35771	38903		6.80	6.25	8.8	15.0
o-Terphenyl	Ave	60731	65233		6.71	6.25	7.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/67 Calibration Date: 04/02/2011 04:16

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60033.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.63	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/86 Calibration Date: 04/02/2011 07:02

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60045.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	57022		1970	2060	-4.1	15.0
Chlorobenzene	Ave	35771	39618		6.92	6.25	10.8	15.0
o-Terphenyl	Ave	60731	66663		6.86	6.25	9.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/86 Calibration Date: 04/02/2011 07:02

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60045.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.63	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/100 Calibration Date: 04/02/2011 10:25

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60059.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	58104		2010	2060	-2.2	15.0
Chlorobenzene	Ave	35771	40011		6.99	6.25	11.9	15.0
o-Terphenyl	Ave	60731	66838		6.88	6.25	10.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/100 Calibration Date: 04/02/2011 10:25

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60059.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.27	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/112 Calibration Date: 04/02/2011 13:13

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60071.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	58426		2020	2060	-1.7	15.0
Chlorobenzene	Ave	35771	40658		7.10	6.25	13.7	15.0
o-Terphenyl	Ave	60731	68867		7.09	6.25	13.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/112 Calibration Date: 04/02/2011 13:13

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60071.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.28	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/125 Calibration Date: 04/02/2011 16:26

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60084.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	59234		2050	2060	-0.3	15.0
Chlorobenzene	Ave	35771	40642		7.10	6.25	13.6	15.0
o-Terphenyl	Ave	60731	68660		7.07	6.25	13.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/125 Calibration Date: 04/02/2011 16:26

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60084.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.27	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/139 Calibration Date: 04/02/2011 19:45

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60098.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	58210		2020	2060	-2.1	15.0
Chlorobenzene	Ave	35771	40771		7.12	6.25	14.0	15.0
o-Terphenyl	Ave	60731	68709		7.07	6.25	13.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69393/139 Calibration Date: 04/02/2011 19:45

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60098.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.27	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69502/7 Calibration Date: 04/05/2011 08:59

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60324.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	51558		1790	2060	-13.3	15.0
Chlorobenzene	Ave	35771	33753		5.90	6.25	-5.6	15.0
o-Terphenyl	Ave	60731	57331		5.90	6.25	-5.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69502/7 Calibration Date: 04/05/2011 08:59

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60324.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.27	0.00	33.27
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69502/21 Calibration Date: 04/05/2011 12:25

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60338.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	51208		1770	2060	-13.8	15.0
Chlorobenzene	Ave	35771	33928		5.93	6.25	-5.2	15.0
o-Terphenyl	Ave	60731	57177		5.88	6.25	-5.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69502/21 Calibration Date: 04/05/2011 12:25

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60338.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.87	0.00	32.87
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69502/33 Calibration Date: 04/05/2011 15:21

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60350.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	51732		1790	2060	-13.0	15.0
Chlorobenzene	Ave	35771	33855		5.92	6.25	-5.4	15.0
o-Terphenyl	Ave	60731	58677		6.04	6.25	-3.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Lab Sample ID: CCV 460-69502/33 Calibration Date: 04/05/2011 15:21

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60350.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.62	0.00	32.87
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.49	3.39	3.59

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68954/1-A

Matrix: Solid | Lab File ID: gcr60087.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3546 | Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.01(g) | Date Analyzed: 04/02/2011 17:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		48-112
108-90-7	Chlorobenzene	67		32-106

Data File: gcr60087.d
Report Date: 04-Apr-2011 10:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60087.d
Lab Smp Id: MB 460-68954/1-A
Inj Date : 02-APR-2011 17:10
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : MB 460-68954/1-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 09:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 85 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.496	3.496	0.000	865430	14.2503	0.95(M)
$ 2 Chlorobenzene (sur)	0.732	0.731	0.001	479324	13.3999	0.89(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

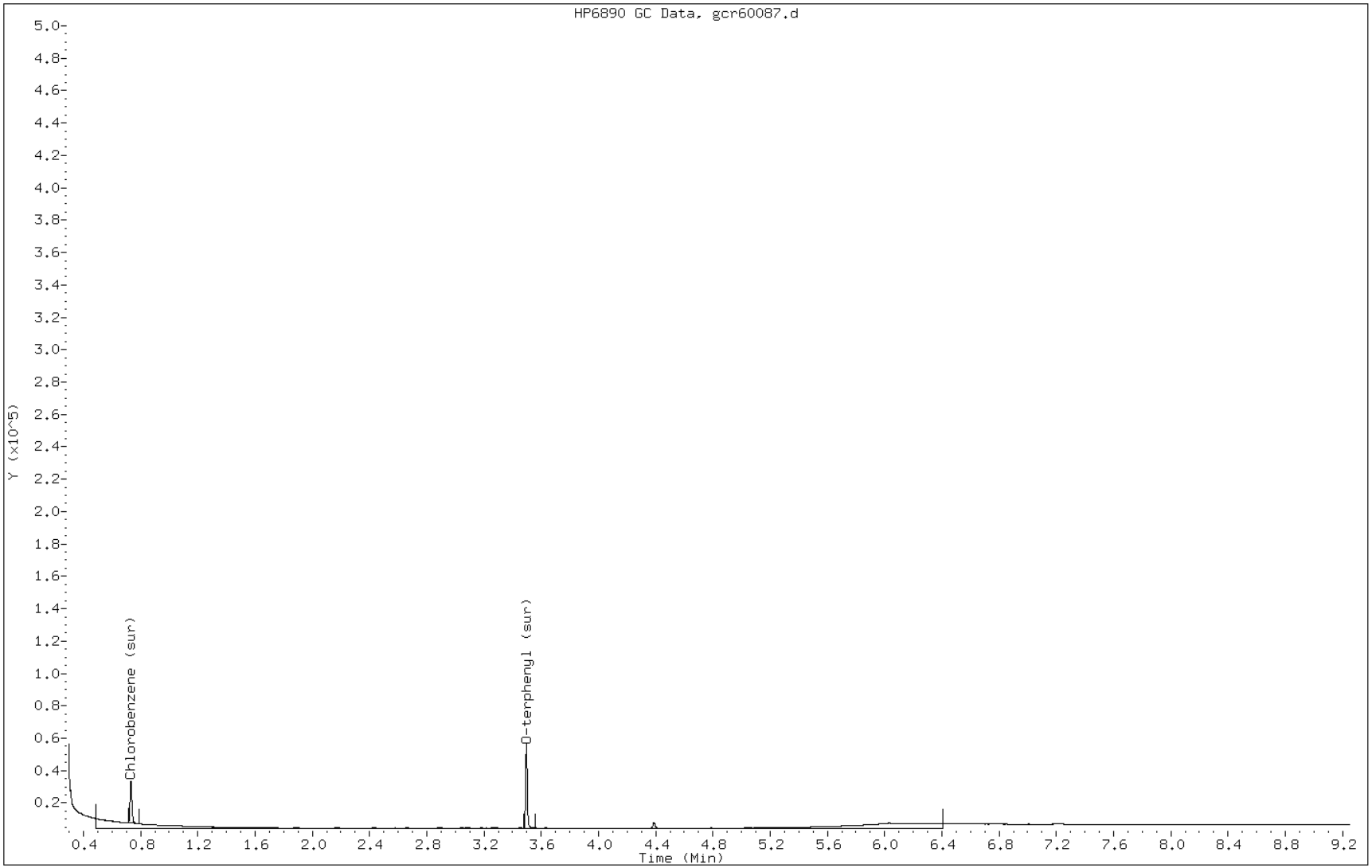
M - Compound response manually integrated.

Data File: gcr60087.d

Date: 02-APR-2011 17:10

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-68954/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60087.d
Inj. Date and Time: 02-APR-2011 17:10
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

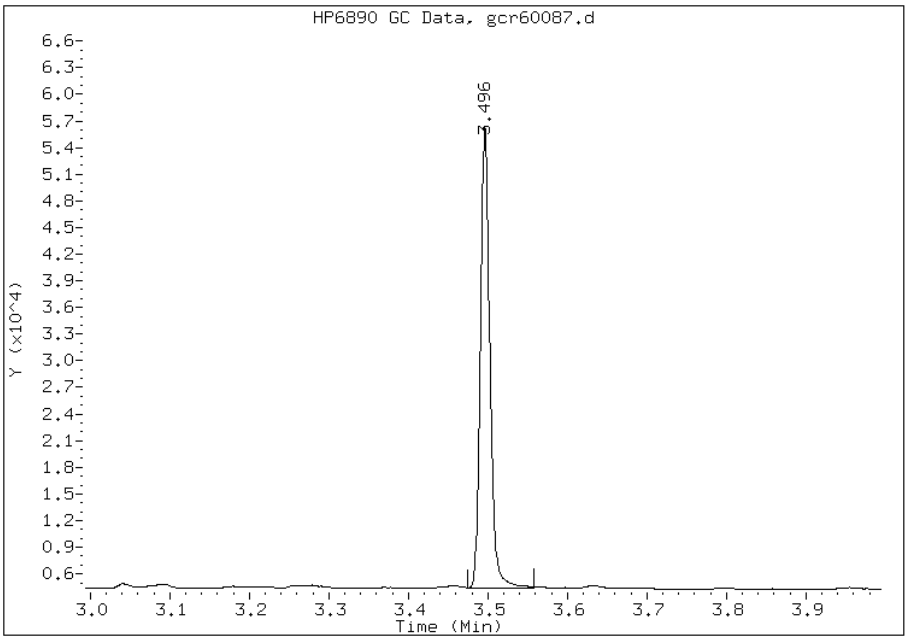
Manual Integration Results

RT: 3.50

Response: 865430

Amount: 14.25

Conc: 0.95



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60087.d
Inj. Date and Time: 02-APR-2011 17:10
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

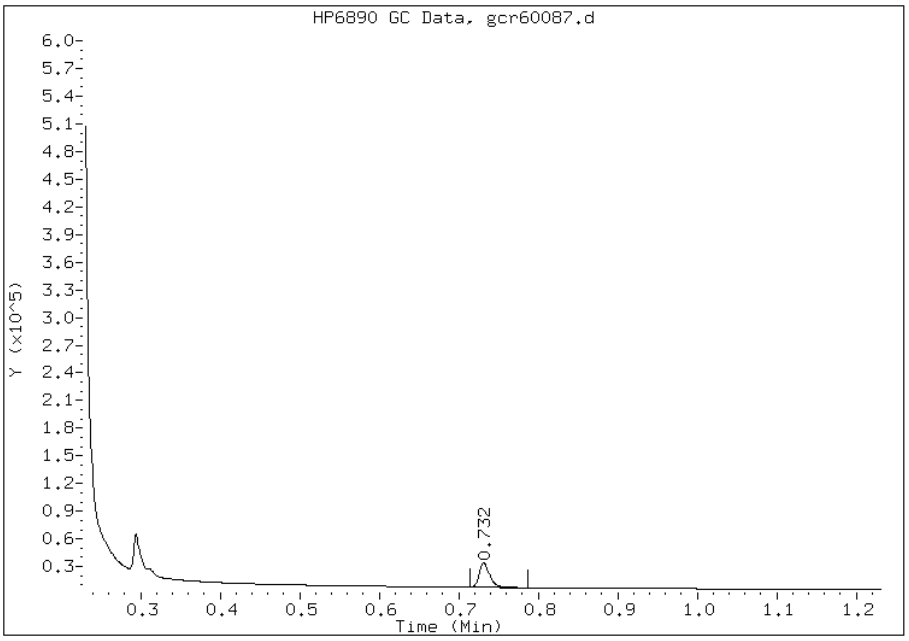
Manual Integration Results

RT: 0.73

Response: 479324

Amount: 13.40

Conc: 0.89



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68964/1-A

Matrix: Solid Lab File ID: gcr60043.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 06:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	73		48-112
108-90-7	Chlorobenzene	68		32-106

Data File: gcr60043.d
Report Date: 03-Apr-2011 11:24

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60043.d
Lab Smp Id: MB 460-68964/1-A
Inj Date : 02-APR-2011 06:34
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : MB 460-68964/1-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 10:29 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 55 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.498	3.496	0.002	891802	14.6845	0.98(M)
$ 2 Chlorobenzene (sur)	0.733	0.734	-0.001	482923	13.5005	0.90(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

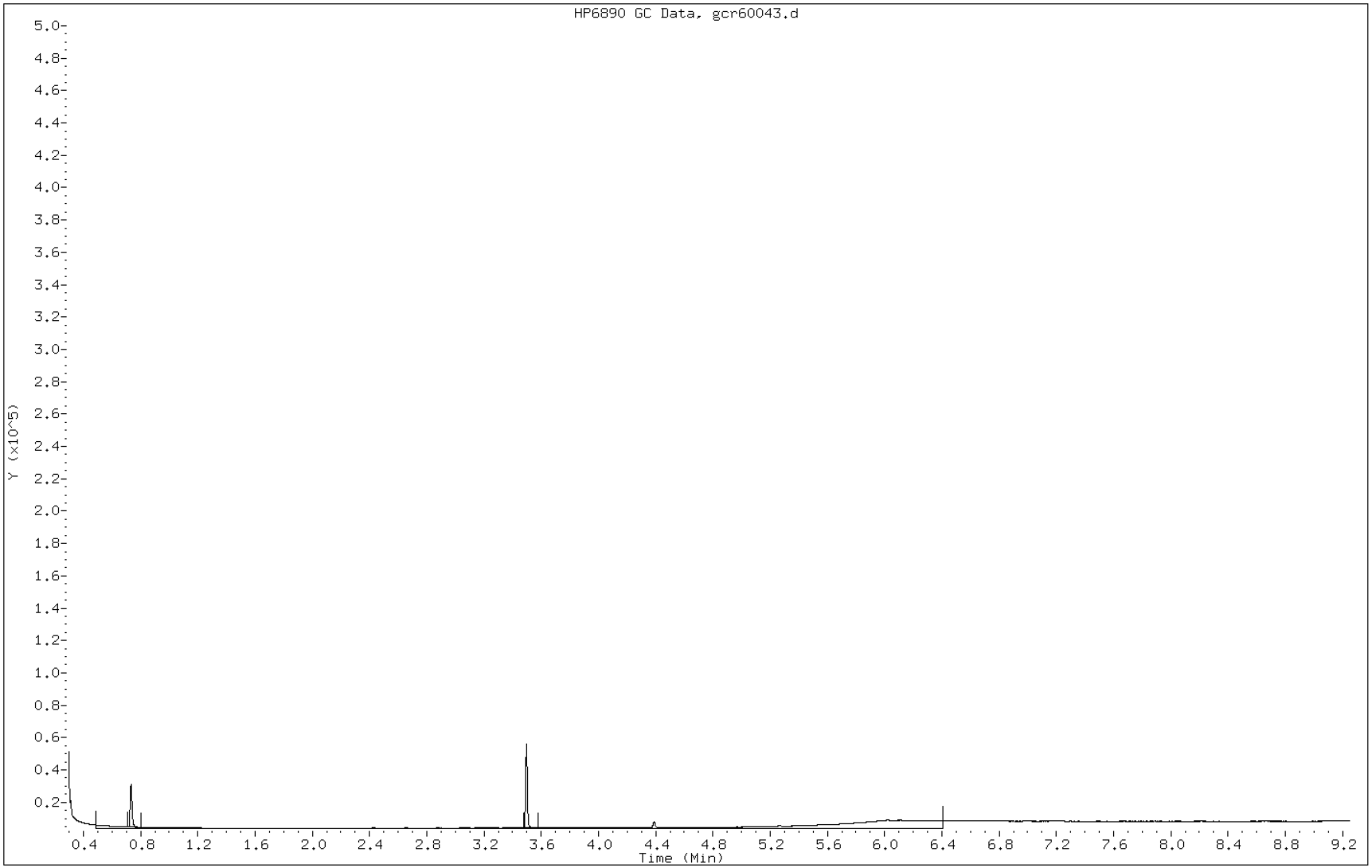
M - Compound response manually integrated.

Data File: gcr60043.d

Date: 02-APR-2011 06:34

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-68964/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60043.d
Inj. Date and Time: 02-APR-2011 06:34
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

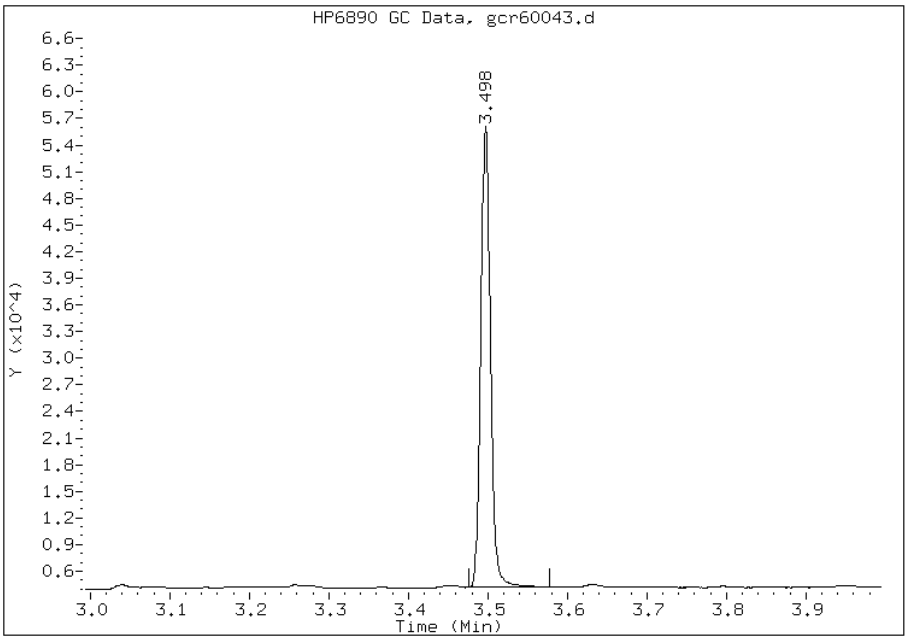
Manual Integration Results

RT: 3.50

Response: 891802

Amount: 14.68

Conc: 0.98



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60043.d
Inj. Date and Time: 02-APR-2011 06:34
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

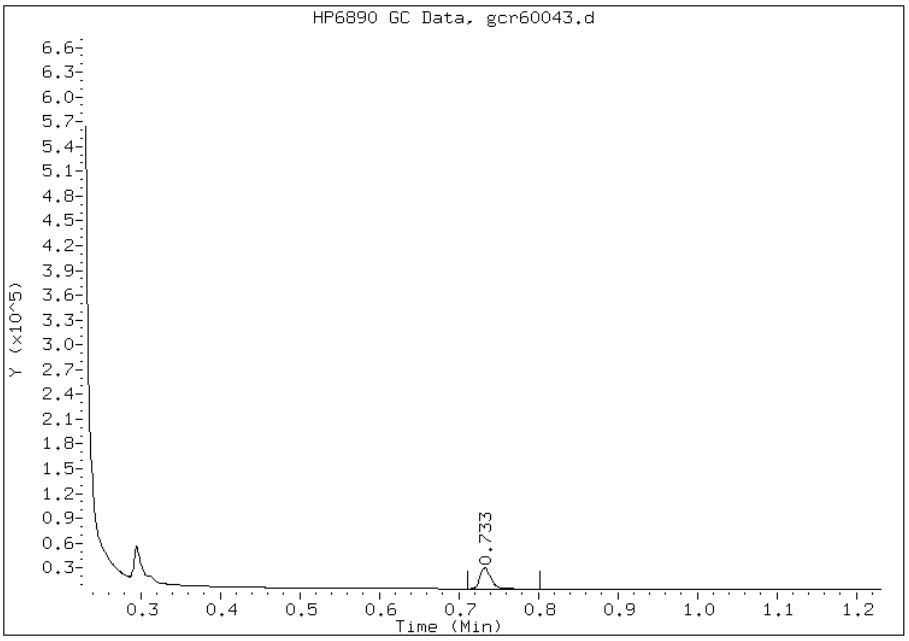
Manual Integration Results

RT: 0.73

Response: 482923

Amount: 13.50

Conc: 0.90



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68954/2-A

Matrix: Solid | Lab File ID: gcr60088.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3546 | Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 17:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	76.3		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	76		48-112
108-90-7	Chlorobenzene	54		32-106

Data File: gcr60088.d
Report Date: 04-Apr-2011 10:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60088.d
Lab Smp Id: LCS 460-68954/2-A
Inj Date : 02-APR-2011 17:25
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-68954/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 09:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 86 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.497	3.496	0.001	924997	15.2311	1.0(M)
$ 2 Chlorobenzene (sur)	0.732	0.731	0.001	389451	10.8874	0.72(M)
3 TPH	3.083	3.274	-0.191	68021513	1144.45	76.3(M)

QC Flag Legend

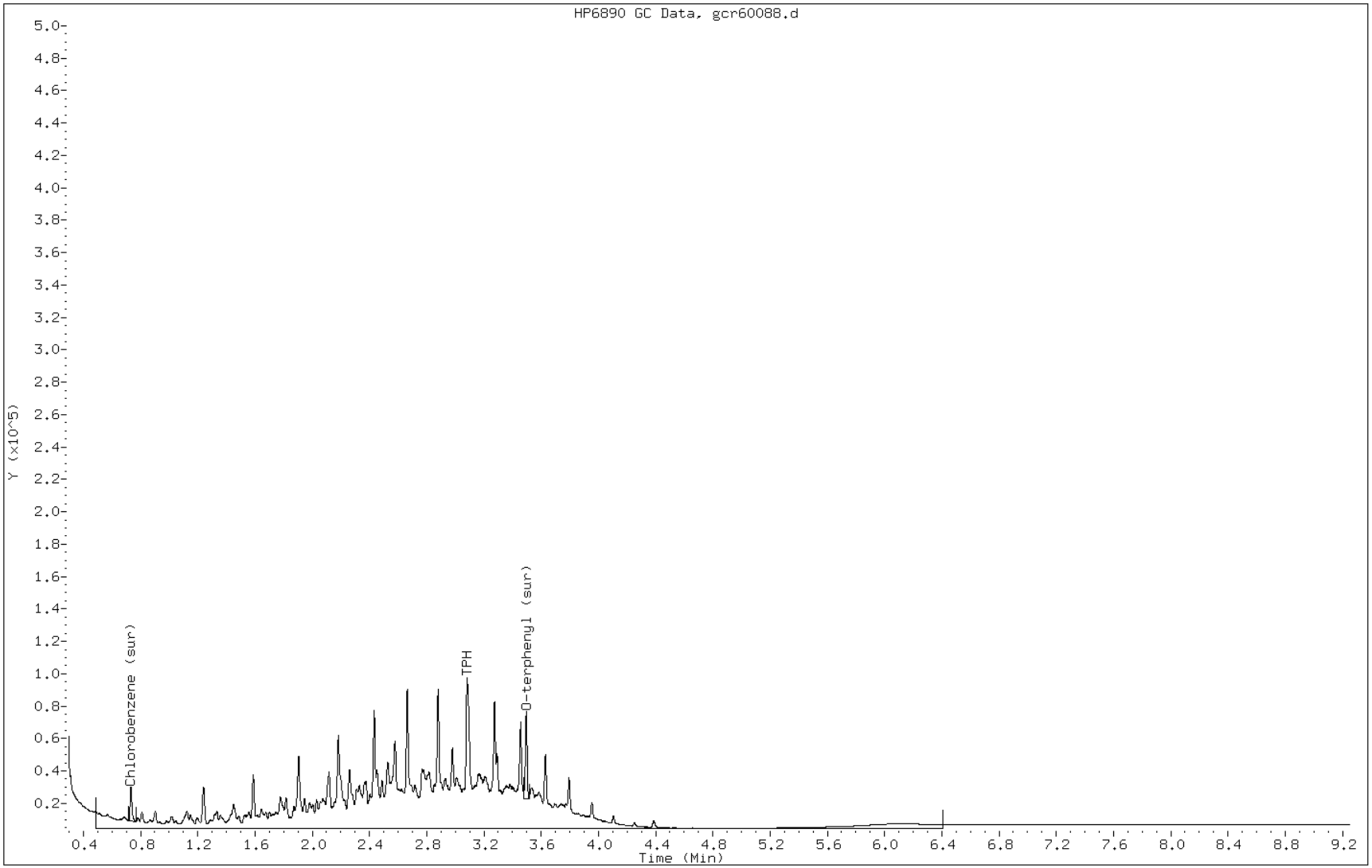
M - Compound response manually integrated.

Data File: gcr60088.d

Date: 02-APR-2011 17:25

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-68954/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60088.d
Inj. Date and Time: 02-APR-2011 17:25
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

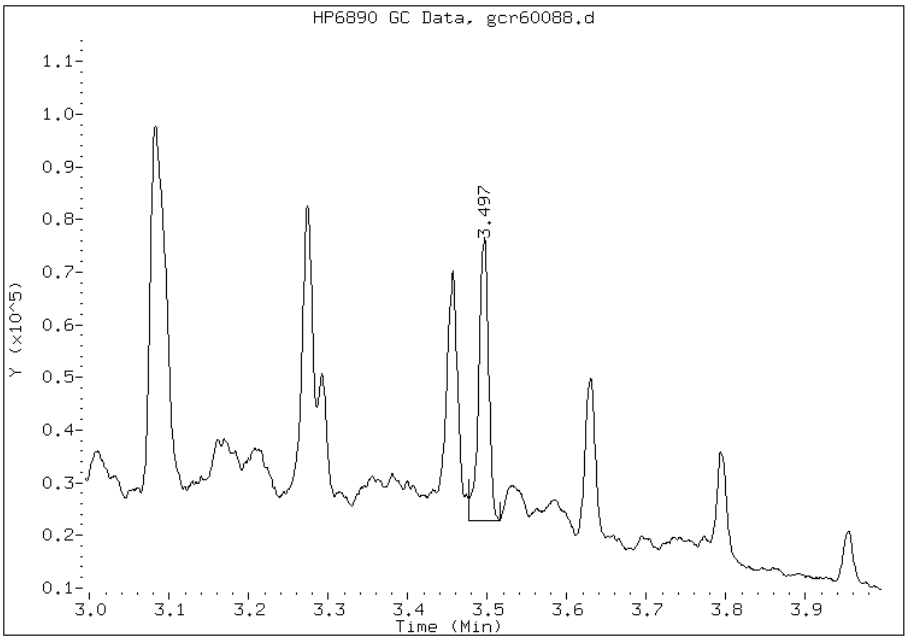
Manual Integration Results

RT: 3.50

Response: 924997

Amount: 15.23

Conc: 1.02



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60088.d
Inj. Date and Time: 02-APR-2011 17:25
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

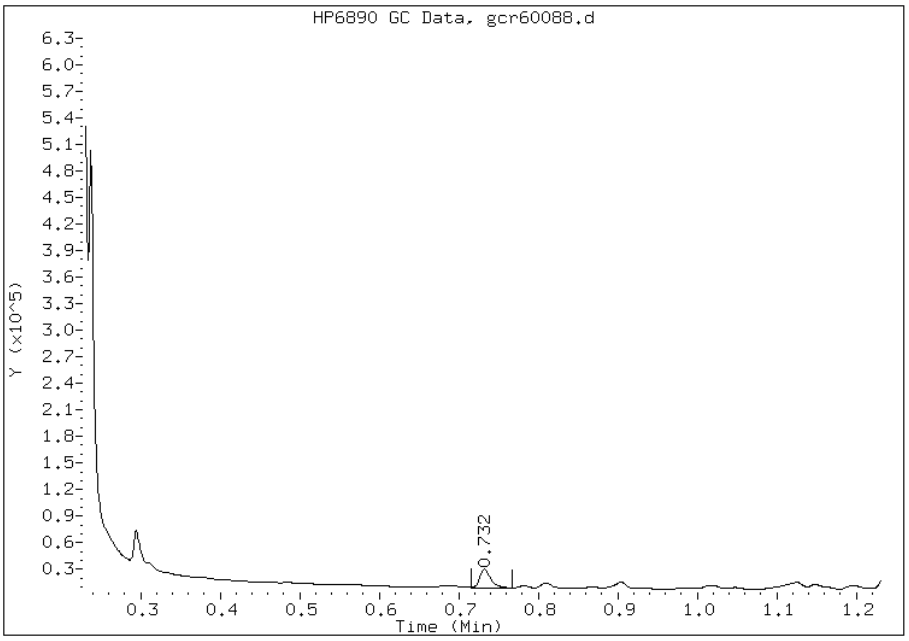
Manual Integration Results

RT: 0.73

Response: 389451

Amount: 10.89

Conc: 0.73



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68964/2-A

Matrix: Solid Lab File ID: gcr60325.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 09:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	91.3		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	84		48-112
108-90-7	Chlorobenzene	60		32-106

Data File: gcr60325.d
Report Date: 05-Apr-2011 11:14

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60325.d
Lab Smp Id: LCS 460-68964/2-A
Inj Date : 05-APR-2011 09:14
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-68964/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 09:08 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 8 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.484	3.486	-0.002	1014273	16.7011	1.1(M)
$ 2 Chlorobenzene (sur)	0.724	0.727	-0.003	427170	11.9419	0.80(M)
3 TPH	3.072	3.265	-0.193	81353688	1368.76	91.2(M)

QC Flag Legend

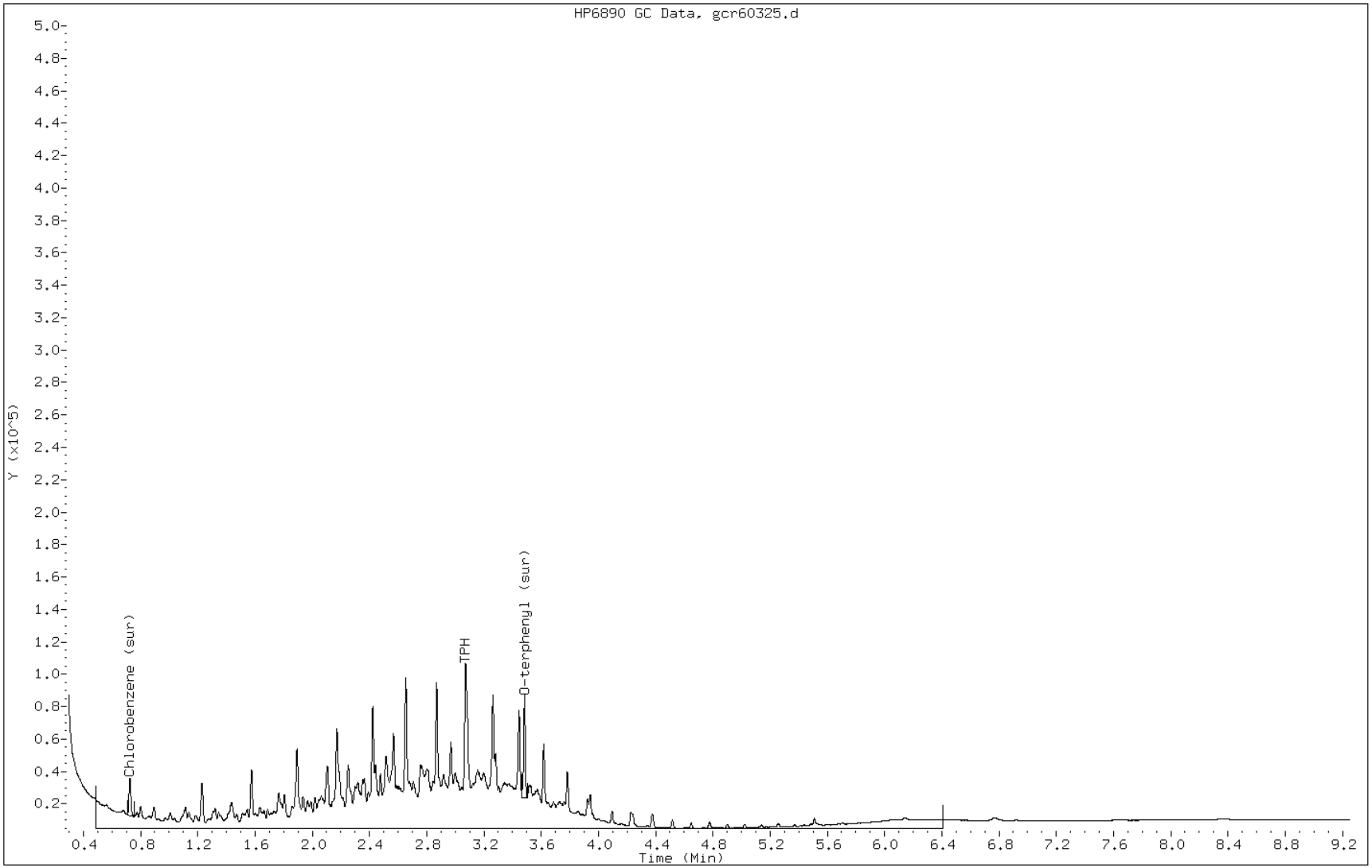
M - Compound response manually integrated.

Data File: gcr60325.d

Date: 05-APR-2011 09:14

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-68964/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60325.d
Inj. Date and Time: 05-APR-2011 09:14
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 3.49

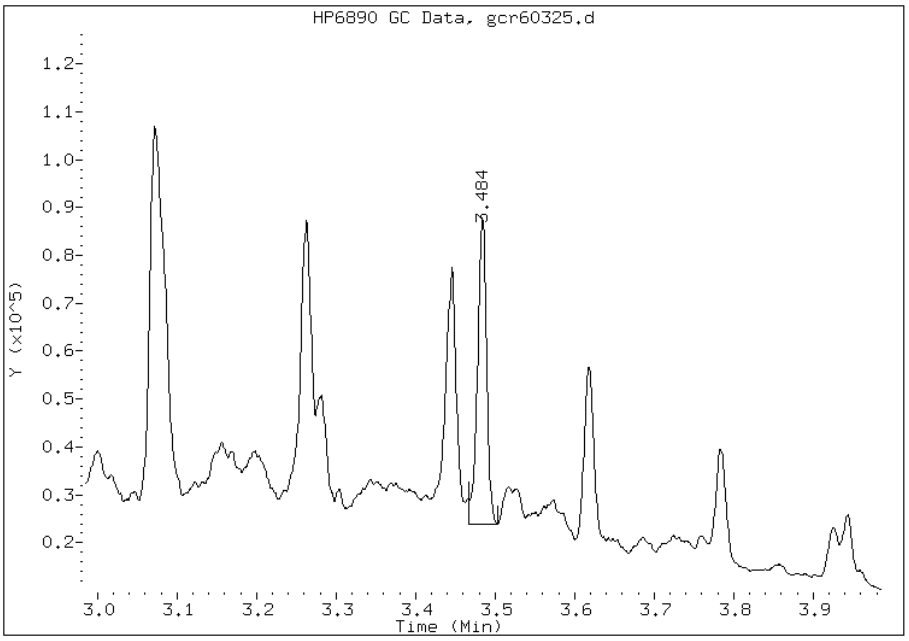
Manual Integration Results

RT: 3.48

Response: 1014273

Amount: 16.70

Conc: 1.11



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60325.d
Inj. Date and Time: 05-APR-2011 09:14
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

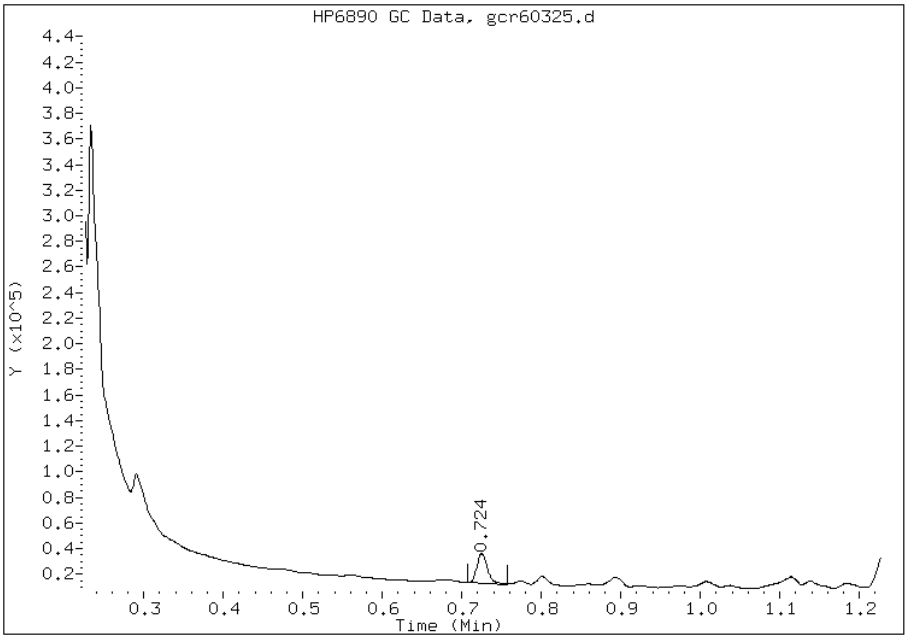
Manual Integration Results

RT: 0.72

Response: 427170

Amount: 11.94

Conc: 0.80



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24277-F-1-D MS

Matrix: Solid Lab File ID: gcr60073.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 13:55

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 13:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	76.7		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		48-112
108-90-7	Chlorobenzene	78		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24277-F-1-E MSD

Matrix: Solid Lab File ID: gcr60074.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 13:55

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.02(g) Date Analyzed: 04/02/2011 14:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	77.7		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		48-112
108-90-7	Chlorobenzene	78		32-106

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 03/29/2011 17:39

Analysis Batch Number: 68891 End Date: 03/29/2011 19:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-68891/1		03/29/2011 17:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/29/2011 17:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/29/2011 18:17	1		Rtx-5MS 0.25(mm)
IC 460-68891/4		03/29/2011 18:32	1	gcr59694.d	Rtx-5MS 0.25(mm)
IC 460-68891/5		03/29/2011 18:45	1	gcr59695.d	Rtx-5MS 0.25(mm)
IC 460-68891/6		03/29/2011 19:00	1	gcr59696.d	Rtx-5MS 0.25(mm)
IC 460-68891/7		03/29/2011 19:14	1	gcr59697.d	Rtx-5MS 0.25(mm)
IC 460-68891/8		03/29/2011 19:23	1	gcr59698.d	Rtx-5MS 0.25(mm)
ICV 460-68891/9		03/29/2011 19:37	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69393/1		04/01/2011 10:37	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/2		04/01/2011 10:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 11:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 11:32	1		Rtx-5MS 0.25(mm)
CCV 460-69393/5		04/01/2011 11:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:01	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:14	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:29	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:44	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:55	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 13:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 13:18	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/13		04/01/2011 13:33	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/14		04/01/2011 13:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 13:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 14:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 14:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 14:53	1		Rtx-5MS 0.25(mm)
CCV 460-69393/19		04/01/2011 15:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 15:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 15:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 15:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:16	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/25		04/01/2011 16:31	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/26		04/01/2011 16:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 18:06	1		Rtx-5MS 0.25(mm)
CCV 460-69393/33		04/01/2011 18:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 18:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 18:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:37	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/39		04/01/2011 19:52	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/40		04/01/2011 20:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 21:03	1		Rtx-5MS 0.25(mm)
CCV 460-69393/45		04/01/2011 21:14	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69393/51		04/01/2011 21:29	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/52		04/01/2011 21:43	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/53		04/01/2011 21:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 22:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 22:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 22:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 00:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 00:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 00:40	1		Rtx-5MS 0.25(mm)
CCV 460-69393/46		04/02/2011 00:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 02:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 02:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 02:41	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/62		04/02/2011 03:08	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/63		04/02/2011 03:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 03:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 03:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:01	1		Rtx-5MS 0.25(mm)
CCV 460-69393/67		04/02/2011 04:16	1	gcr60033.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 06:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 06:19	1		Rtx-5MS 0.25(mm)
MB 460-68964/1-A		04/02/2011 06:34	1	gcr60043.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 06:47	1		Rtx-5MS 0.25(mm)
CCV 460-69393/86		04/02/2011 07:02	1	gcr60045.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 07:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 07:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 07:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 08:07	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/02/2011 08:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 08:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 08:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 09:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 09:19	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/96		04/02/2011 09:28	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/97		04/02/2011 09:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 09:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 10:10	1		Rtx-5MS 0.25(mm)
CCV 460-69393/100		04/02/2011 10:25	1	gcr60059.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 10:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 10:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 11:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 11:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 11:34	1		Rtx-5MS 0.25(mm)
460-24279-1	PMP-6-VD-E (3.5-4.0)	04/02/2011 11:49	1	gcr60065.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 12:03	1		Rtx-5MS 0.25(mm)
460-24279-3	PMP-6-SI-E (10.5-11.0)	04/02/2011 12:18	1	gcr60067.d	Rtx-5MS 0.25(mm)
460-24279-4	PMP3-VD-E (3.5-4.0)	04/02/2011 12:44	1	gcr60068.d	Rtx-5MS 0.25(mm)
460-24279-5	PMP-3-WT-E (8.0-8.5)	04/02/2011 12:58	1	gcr60069.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 13:02	1		Rtx-5MS 0.25(mm)
CCV 460-69393/112		04/02/2011 13:13	1	gcr60071.d	Rtx-5MS 0.25(mm)
460-24279-6	PMP3-SI-E (10.5-11)	04/02/2011 13:28	1	gcr60072.d	Rtx-5MS 0.25(mm)
460-24277-F-1-D MS		04/02/2011 13:51	1	gcr60073.d	Rtx-5MS 0.25(mm)
460-24277-F-1-E MSD		04/02/2011 14:06	1	gcr60074.d	Rtx-5MS 0.25(mm)
RINSE 460-69393/116		04/02/2011 14:18	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/117		04/02/2011 14:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 14:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 14:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 16:18	1		Rtx-5MS 0.25(mm)
CCV 460-69393/125		04/02/2011 16:26	1	gcr60084.d	Rtx-5MS 0.25(mm)
RINSE 460-69393/126		04/02/2011 16:44	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/127		04/02/2011 16:59	1		Rtx-5MS 0.25(mm)
MB 460-68954/1-A		04/02/2011 17:10	1	gcr60087.d	Rtx-5MS 0.25(mm)
LCS 460-68954/2-A		04/02/2011 17:25	1	gcr60088.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 18:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 18:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 18:31	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/02/2011 18:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 19:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 19:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 19:30	1		Rtx-5MS 0.25(mm)
CCV 460-69393/139		04/02/2011 19:45	1	gcr60098.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 21:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 21:20	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/146		04/02/2011 21:31	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/147		04/02/2011 21:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:58	1		Rtx-5MS 0.25(mm)
CCV 460-69393/153		04/02/2011 23:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:02	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/162		04/03/2011 01:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:25	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/163		04/03/2011 01:29	1		Rtx-5MS 0.25(mm)
CCV 460-69393/167		04/03/2011 01:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 04:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 04:08	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/175		04/03/2011 04:23	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/176		04/03/2011 04:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 05:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 05:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 05:31	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/03/2011 05:46	1		Rtx-5MS 0.25(mm)
CCV 460-69393/181		04/03/2011 05:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 06:12	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/183		04/03/2011 06:22	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/184		04/03/2011 06:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 06:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 07:03	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/187		04/03/2011 07:17	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/188		04/03/2011 07:43	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/189		04/03/2011 07:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 09:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 09:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 09:36	1		Rtx-5MS 0.25(mm)
CCV 460-69393/197		04/03/2011 09:50	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/05/2011 07:25

Analysis Batch Number: 69502 End Date: 04/06/2011 23:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69502/1		04/05/2011 07:25	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/2		04/05/2011 07:40	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/3		04/05/2011 08:07	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/4		04/05/2011 08:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 08:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 08:46	1		Rtx-5MS 0.25(mm)
CCV 460-69502/7		04/05/2011 08:59	1	gcr60324.d	Rtx-5MS 0.25(mm)
LCS 460-68964/2-A		04/05/2011 09:14	1	gcr60325.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 09:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 09:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 09:55	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 10:10	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 10:20	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 10:35	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 10:49	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 11:14	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/17		04/05/2011 11:29	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/18		04/05/2011 11:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 11:53	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 12:08	1		Rtx-5MS 0.25(mm)
CCV 460-69502/21		04/05/2011 12:25	1	gcr60338.d	Rtx-5MS 0.25(mm)
460-24279-2	PMP-6-WT-E (8.0-8.5)	04/05/2011 12:35	50	gcr60339.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 12:49	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 13:17	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 13:29	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 13:44	5		Rtx-5MS 0.25(mm)
460-24279-7	PMP-7-VD-E (3.5-4)	04/05/2011 13:58	20	gcr60344.d	Rtx-5MS 0.25(mm)
460-24279-8	PMP-7-WT-E (8-8.5)	04/05/2011 14:05	20	gcr60345.d	Rtx-5MS 0.25(mm)
460-24279-9	PMP-7-SI-E (10.5-11)	04/05/2011 14:27	5	gcr60346.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 14:39	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 14:54	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 15:06	1		Rtx-5MS 0.25(mm)
CCV 460-69502/33		04/05/2011 15:21	1	gcr60350.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 15:36	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 15:45	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:02	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:16	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:41	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:55	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:10	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:25	100		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:35	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:40	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 18:04	1		Rtx-5MS 0.25(mm)
CCV 460-69502/45		04/05/2011 18:19	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/05/2011 07:25

Analysis Batch Number: 69502 End Date: 04/06/2011 23:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/05/2011 18:31	25		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 18:46	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:00	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:10	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:28	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 20:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 20:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 20:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:03	1		Rtx-5MS 0.25(mm)
CCV 460-69502/57		04/05/2011 21:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:45	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/65		04/05/2011 23:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:32	1		Rtx-5MS 0.25(mm)
CCV 460-69502/72		04/06/2011 00:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 01:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 01:35	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/76		04/06/2011 01:49	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/77		04/06/2011 02:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:56	1		Rtx-5MS 0.25(mm)
CCV 460-69502/86		04/06/2011 05:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 05:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 05:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 05:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 06:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 06:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 06:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 06:55	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/05/2011 07:25

Analysis Batch Number: 69502 End Date: 04/06/2011 23:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/06/2011 07:05	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 07:20	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 07:35	1		Rtx-5MS 0.25(mm)
CCV 460-69502/97		04/06/2011 07:50	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/98		04/06/2011 08:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 08:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 08:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 08:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 09:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 09:24	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/104		04/06/2011 09:39	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/105		04/06/2011 09:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:43	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/66		04/06/2011 23:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 23:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 23:55	1		Rtx-5MS 0.25(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 68954 Batch Start Date: 03/30/11 10:00 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00019	OPQAMSU 00016		
MB 460-68954/1		3546, NJ-OQA-QAM-025		15.01 g	1 mL		1 mL		
LCS 460-68954/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL	1 mL		
460-24279-F-7	PMP-7-VD-E (3.5-4)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL		
460-24279-F-8	PMP-7-WT-E (8-8.5)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL		1 mL		
460-24279-F-9	PMP-7-SI-E (10.5-11)	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL		1 mL		

Batch Notes	
Balance ID	28
Batch Comment	QAM-025
Person's name who did the concentration	CM
Microwave Start Time	10:30am
Microwave Stop Time	11am
Na2SO4 Lot Number	J41625
Person's name who did the prep	CM
SOP Number	3546
Person who witnessed spiking	JR
Surrogate Lot Number	SP 1987

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 68964 Batch Start Date: 03/30/11 10:00 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00019	OPQAMMS/SD 00017	OPQAMSU 00016	
MB 460-68964/1		3546, NJ-OQA-QAM-025		15.03 g	1 mL			1 mL	
LCS 460-68964/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-24277-F-1 MS		3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-24277-F-1 MSD		3546, NJ-OQA-QAM-025	T	15.02 g	1 mL		1 mL	1 mL	
460-24279-F-1	PMP-6-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24279-F-2	PMP-6-WT-E (8.0-8.5)	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-24279-F-3	PMP-6-SI-E (10.5-11.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24279-F-4	PMP3-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24279-F-5	PMP-3-WT-E (8.0-8.5)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-24279-F-6	PMP3-SI-E (10.5-11)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 68964 Batch Start Date: 03/30/11 10:00 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	QAM-025 SOIL
Person's name who did the concentration	CM
Microwave Start Time	10:30am
Microwave Stop Time	11am
Na2SO4 Lot Number	J41625
Person's name who did the prep	CM
SOP Number	3546
Person who witnessed spiking	JR
Surrogate Lot Number	SP 1987

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24279-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
PMP-6-VD-E (3.5-4.0)	460-24279-1
PMP-6-WT-E (8.0-8.5)	460-24279-2
PMP-6-SI-E (10.5-11.0)	460-24279-3
PMP3-VD-E (3.5-4.0)	460-24279-4
PMP-3-WT-E (8.0-8.5)	460-24279-5
PMP3-SI-E (10.5-11)	460-24279-6
PMP-7-VD-E (3.5-4)	460-24279-7
PMP-7-WT-E (8-8.5)	460-24279-8
PMP-7-SI-E (10.5-11)	460-24279-9

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-6-VD-E (3.5-4.0) Lab Sample ID: 460-24279-1

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 12:35

Reporting Basis: WET Date Received: 03/18/2011 11:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-6-WT-E (8.0-8.5) Lab Sample ID: 460-24279-2

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 12:40

Reporting Basis: WET Date Received: 03/18/2011 11:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-6-SI-E (10.5-11.0) Lab Sample ID: 460-24279-3

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 12:45

Reporting Basis: WET Date Received: 03/18/2011 11:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP3-VD-E (3.5-4.0) Lab Sample ID: 460-24279-4

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 13:05

Reporting Basis: WET Date Received: 03/18/2011 11:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-3-WT-E (8.0-8.5) Lab Sample ID: 460-24279-5

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 13:10

Reporting Basis: WET Date Received: 03/18/2011 11:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP3-SI-E (10.5-11) Lab Sample ID: 460-24279-6

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 13:15

Reporting Basis: WET Date Received: 03/18/2011 11:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	29.0	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-7-VD-E (3.5-4) Lab Sample ID: 460-24279-7

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 13:30

Reporting Basis: WET Date Received: 03/18/2011 11:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-7-WT-E (8-8.5) Lab Sample ID: 460-24279-8

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 13:35

Reporting Basis: WET Date Received: 03/18/2011 11:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-7-SI-E (10.5-11) Lab Sample ID: 460-24279-9

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 13:40

Reporting Basis: WET Date Received: 03/18/2011 11:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Analyst: MB Batch Start Date: 03/28/2011

Reporting Units: mg/L Analytical Batch No.: 68663

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	07:29	Total Chloride	49.77	50.0	100	90-110		WTchlss1_00008
2	ICB	07:29	Total Chloride	5.0				U	
3	CCV	08:44	Total Chloride	50.43	50.0	101	90-110		WTchlss1_00008
4	CCB	08:44	Total Chloride	5.0				U	
15	CCV	08:48	Total Chloride	50.15	50.0	100	90-110		WTchlss1_00008
16	CCB	08:48	Total Chloride	5.0				U	
27	CCV	08:50	Total Chloride	50.98	50.0	102	90-110		WTchlss1_00008
28	CCB	08:50	Total Chloride	5.0				U	
33	CCV	09:06	Total Chloride	51.28	50.0	103	90-110		WTchlss1_00008
34	CCB	09:06	Total Chloride	5.0				U	
37	CCV	09:07	Total Chloride	51.00	50.0	102	90-110		WTchlss1_00008
38	CCB	09:07	Total Chloride	5.0				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 68663	Date: 03/28/2011 08:44						
9251	MB 460-68663/5	Total Chloride	5.0	U	mg/Kg	5.0	1

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 68663	Date: 03/28/2011 08:44						
9251	LB 460-68387/1-A	Total Chloride	5.0	U	mg/Kg	5.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 68663		Date: 03/28/2011 09:06									
9251	460-24279-6	Total Chloride	29.0	J	mg/Kg						
9251	460-24279-6 MS	Total Chloride	1023		mg/Kg	1000	99	80-120			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 68663		Date: 03/28/2011 09:06									
9251	460-24279-6 MSD	Total Chloride	1029		mg/Kg	1000	100	80-120	1	10	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 68663	Date: 03/28/2011 08:44										
						LCS Source: WTchlLCS_00019					
9251	LCS 460-68663/6	Total Chloride	57.20		mg/Kg	59.0	97	85-115			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24279-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Analysis Method: 9251 MDL Date: 12/08/2008 17:19

Prep Method:

Leach Method: D3987-85

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Total Chloride		100	19.68

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24279-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Analysis Method: 9251 XMDL Date: 12/21/2008 20:13

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Chloride		5	0.984

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24279-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: Moisture RL Date: 02/15/2007 17:07

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24279-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: Konelab1 Method: 9251

Start Date: 03/28/2011 07:29 End Date: 03/28/2011 09:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
ICV 460-68663/1	1		07:29	X																			
ICB 460-68663/2	1		07:29	X																			
CCV 460-68663/3	1		08:44	X																			
CCB 460-68663/4	1		08:44	X																			
MB 460-68663/5	1	T	08:44	X																			
LCS 460-68663/6	1	T	08:44	X																			
LB 460-68387/1-A	1	T	08:44	X																			
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
460-24279-2	1	T	08:44	X																			
460-24279-3	1	T	08:44	X																			
460-24279-4	1	T	08:44	X																			
460-24279-5	1	T	08:44	X																			
460-24279-6	1	T	08:44	X																			
CCV 460-68663/15	1		08:48	X																			
CCB 460-68663/16	1		08:48	X																			
460-24279-7	1	T	08:48	X																			
460-24279-8	1	T	08:48	X																			
460-24279-9	1	T	08:48	X																			
460-24279-1	1	T	08:48	X																			
ZZZZZZ			08:48																				
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CCV 460-68663/27	1		08:50	X																			
CCB 460-68663/28	1		08:50	X																			
ZZZZZZ			08:50																				
ZZZZZZ			08:50																				
CCV 460-68663/31			08:52																				
CCB 460-68663/32			08:52																				
CCV 460-68663/33	1		09:06	X																			
CCB 460-68663/34	1		09:06	X																			
460-24279-6 MS	1	T	09:06	X																			
460-24279-6 MSD	1	T	09:06	X																			
CCV 460-68663/37	1		09:07	X																			
CCB 460-68663/38	1		09:07	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:25	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:25																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:29																					
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460-24279-1	1	T	11:29	X	X																			
460-24279-2	1	T	11:29	X	X																			
460-24279-3	1	T	11:29	X	X																			
460-24279-4	1	T	11:29	X	X																			
460-24279-5	1	T	11:29	X	X																			
460-24279-5 DU	1	T	11:33	X	X																			
460-24279-6	1	T	11:33	X	X																			
460-24279-7	1	T	11:33	X	X																			
460-24279-8	1	T	11:33	X	X																			
460-24279-9	1	T	11:33	X	X																			
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			16:42	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D / F	Type	Time	Analytes																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			16:42																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			21:30	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			21:30																					
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Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 68387 Batch Start Date: 03/24/11 14:00 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 03/25/11 08:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
LB 460-68387/1		D3987-85, 9251			700 mL	samples tumbled in 1 L plastic container; pH =4.29 measured on 3/25/11 @1050			
460-24279-A-2	PMP-6-WT-E (8.0-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1 L plastic container; pH = 5.70 measured on 3/25/11 @1052			
460-24279-A-3	PMP-6-SI-E (10.5-11.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1 L plastic container; pH = 5.10 measured on 3/25/11 @1052			
460-24279-A-4	PMP3-VD-E (3.5-4.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1 L plastic container; pH = 6.09 measured on 3/25/11 @1052			
460-24279-A-5	PMP-3-WT-E (8.0-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1 L plastic container; pH = 5.70 measured on 3/25/11 @1053			
460-24279-A-6	PMP3-SI-E (10.5-11)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1 L plastic container; pH = 6.02 measured on 3/25/11 @1054			
460-24279-A-7	PMP-7-VD-E (3.5-4)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1 L plastic container; pH = 5.52 measured on 3/25/11 @1054			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 68387 Batch Start Date: 03/24/11 14:00 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 03/25/11 08:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
460-24279-A-8	PMP-7-WT-E (8-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1 L plastic container; pH = 5.17 measured on 3/25/11 @1054			
460-24279-A-9	PMP-7-SI-E (10.5-11)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1 L plastic container; pH = 5.40 measured on 3/25/11 @1055			
460-24279-A-1	PMP-6-VD-E (3.5-4.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH = 5.74 measured on 3/25/11 @1055			

Batch Notes	
Balance ID	51
Batch Comment	rpm=29

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 68663 Batch Start Date: 03/28/11 07:29 Batch Analyst: Cabanganan, Maria

Batch Method: 9251 Batch End Date: 03/28/11 09:07

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00019	WTchlSP1 00006	WTchlss1 00008		
ICV 460-68663/1		9251		50 mL			2.5 mL		
CCV 460-68663/3		9251		50 mL			2.5 mL		
LCS 460-68663/6		9251		50 mL	50 mL				
CCV 460-68663/15		9251		50 mL			2.5 mL		
CCV 460-68663/27		9251		50 mL			2.5 mL		
CCV 460-68663/33		9251		50 mL			2.5 mL		
460-24279-A-6-A MS	PMP3-SI-E (10.5-11)	9251	T	50 mL		2.5 mL			
460-24279-A-6-A MSD	PMP3-SI-E (10.5-11)	9251	T	50 mL		2.5 mL			
CCV 460-68663/37		9251		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: A(48926-48932)11 exp. 04/08/11
Color Reagent ID Number	C-6882-11 exp. 05/29/11

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24279-1

SDG No.:

Batch Number: 68119 Batch Start Date: 03/22/11 11:25 Batch Analyst: Retana, Camille

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-24279-A-1	PMP-6-VD-E (3.5-4.0)	Moisture	T	96	1.03 g	7.18 g	6.84 g		
460-24279-A-2	PMP-6-WT-E (8.0-8.5)	Moisture	T	97	1.02 g	7.96 g	7.15 g		
460-24279-A-3	PMP-6-SI-E (10.5-11.0)	Moisture	T	98	1.01 g	9.19 g	8.13 g		
460-24279-A-4	PMP3-VD-E (3.5-4.0)	Moisture	T	99	1.03 g	8.93 g	8.56 g		
460-24279-A-5	PMP-3-WT-E (8.0-8.5)	Moisture	T	100	1.01 g	7.07 g	6.35 g		
460-24279-A-5 DU	PMP-3-WT-E (8.0-8.5)	Moisture	T	101	1.02 g	6.30 g	5.70 g		
460-24279-A-6	PMP3-SI-E (10.5-11)	Moisture	T	102	1.02 g	8.87 g	7.84 g		
460-24279-A-7	PMP-7-VD-E (3.5-4)	Moisture	T	103	1.02 g	8.63 g	8.19 g		
460-24279-A-8	PMP-7-WT-E (8-8.5)	Moisture	T	104	1.01 g	10.05 g	9.24 g		
460-24279-A-9	PMP-7-SI-E (10.5-11)	Moisture	T	105	1.01 g	7.66 g	6.82 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were place in the oven	3/22/11
Oven Temp when samples are put in oven	1 104, 2 105 Degrees C
Time samples were place in the oven	11:30
Date samples were removed from oven	3/23/11
Oven Temp when samples removed from oven	1 103, 2 103 Degrees C
Time Samples were removed from oven	12:00
Oven ID	1, 2
ID number of the thermometer	1 1839, 2 1982

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

04/06/2011

Name (for report and invoice) Carla Nascimento	Samplers Name (Printed) S. Ramrup & C. Gorski	Site/Project Identification Former McCandless
Company Antea Group	P. O. # 8E0812485P	State (Location of site): NJ [X] NY: [ ] Other:
Address 1031 US Highway 22	Analysis Turnaround Time: Standard [X]	Regulatory Program: SRP
City Bridgewater State NJ	Rush Chrages Authorized For: 2 Week [ ] 1 Week [ ] Other [ ]	LAB USE ONLY Project No:
Phone (908) 547-3834 Fax		Job No: 24279

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs (8082) / Chlorides / TPH / BNA+20 (8270)	VOA+10	TCL VOA+10 (8260B)	TCL VOA+10 (8260B)	Sample Numbers
PMP-6-VO-E (3.5-4.0)	3-17-11	1235	Soils	6	X	X	X	X	1
PMP-6-WT-E (8.0-8.5)		1240		6	X	X	X	X	2
PMP-6-SI-E (10.5-11.0)		1245		6	X	X	X	X	3
PMP-3-VO-E (3.5-4.0)		1305		6	X	X	X	X	4
PMP-3-WT-E (8.0-8.5)		1310		6	X	X	X	X	5
PMP-3-SI-E (10.5-11)		1315		6	X	X	X	X	6
PMP-7-VO-E (3.5-4)		1330		6	X	X	X	X	7
PMP-7-WT-E (8-8.5)		1335		6	X	X	X	X	8
PMP-7-SI-E (10.5-11)	3-17-11	1340	Soils	6	X	X	X	X	9
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1	1,6	1	1,7	
6 = Other DI Water 7 = Other methanol				Water:					

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) Satish Rup	Antea Group	3/17/11 11:20	1)	
2)		3/18/11 1245	2)	TA 16:02
3)			3)	
4)			4)	

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (11452), ...ia (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

399599
CS 400539

2.5
4.6
1.7 TEA +50

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-24279-1

Login Number: 24279

List Source: TestAmerica Edison

List Number: 1

Creator: McClain, Mark A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	399599, 400539, 400540
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5°C, 4.6°C, 1.7°C IR # 50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	