LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009855.D
Acq On : 02 May 2017 06:04
Operator : SJ/MA
Sample : I2848-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT03

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.004	661	666	679	rVB	495209	1018824	2.40%	1.049%
2	7.357	719	726	734	rBV	492954	806938	1.90%	0.831%
3	7.822	798	805	810	rBV	596400	960010	2.27%	0.988%
4	8.546	921	928	934	rBV2	574503	977564	2.31%	1.006%
5	8.993	997	1004	1011	rBV	508587	898593	2.12%	0.925%
6	9.710	1118	1126	1134	rBV	437716	762125	1.80%	0.784%
7	10.257	1211	1219	1225	rBV	612103	1082563	2.56%	1.114%
8	10.457	1246	1253	1261	rBV	471577	898045	2.12%	0.924%
9	10.622	1274	1281	1286	rBV	869649	1481621	3.50%	1.525%
10	10.769	1299	1306	1320	rVB2	313296	701178	1.65%	0.722%
11	13.880	1829	1835	1839	rBV	1144620	1640998	3.87%	1.689%
12	13.922	1839	1842	1847	rVB	531573	702478	1.66%	0.723%
13	14.169	1878	1884	1892	rBV	1464337	2284650	5.39%	2.351%
14	14.475	1931	1936	1942	rVB2	1437527	2162830	5.10%	2.226%
15	14.722	1974	1978	1985	rBV3	436267	671923	1.59%	0.692%
16	15.245	2063	2067	2071	rBV	500562	669103	1.58%	0.689%
17	15.469	2100	2105	2114	rBV	2048006	2920272	6.89%	3.006%
18	16.174	2220	2225	2230	rVB3	485338	1012609	2.39%	1.042%
19	17.098	2379	2382	2386	rVB2	805189	912337	2.15%	0.939%
20	17.233	2401	2405	2409	rVB	1907466	2556550	6.03%	2.631%
21	17.333	2417	2422	2427	rBV	2581991	3974671	9.38%	4.091%
22	17.392	2429	2432	2437	rVB3	772314	1230364	2.90%	1.266%
23	18.180	2563	2566	2570	rVB	2385928	2736656	6.46%	2.817%
24	20.551	2965	2969	2973	rVB	19273610	21728827	51.29%	22.364%
25	21.315	3095	3099	3104	rVB	38005776	42367618	100.00%	43.606%

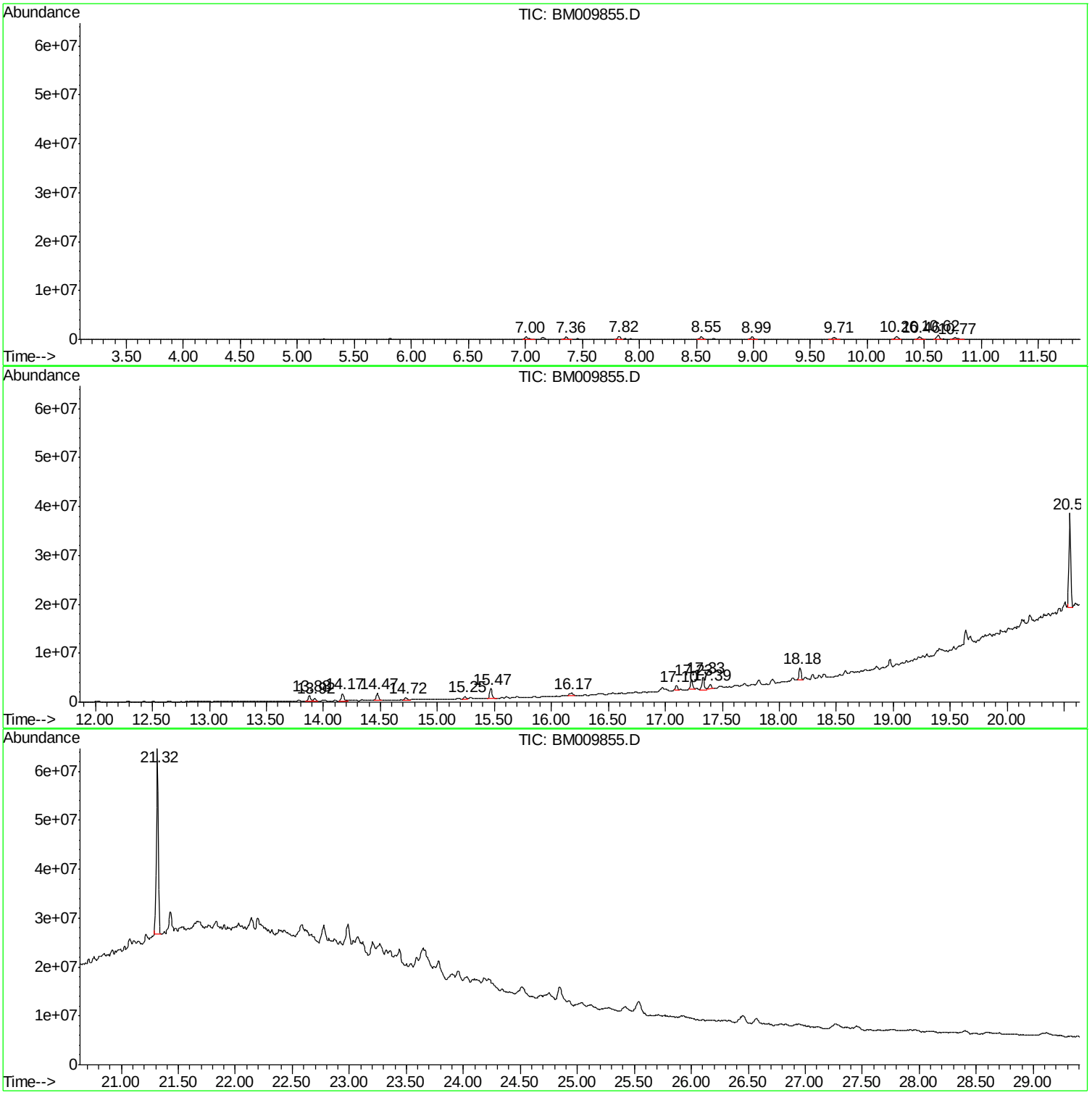
Sum of corrected areas: 97159347

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009855.D
Acq On : 02 May 2017 06:04
Operator : SJ/MA
Sample : I2848-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009855.D
Acq On : 02 May 2017 06:04
Operator : SJ/MA
Sample : I2848-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

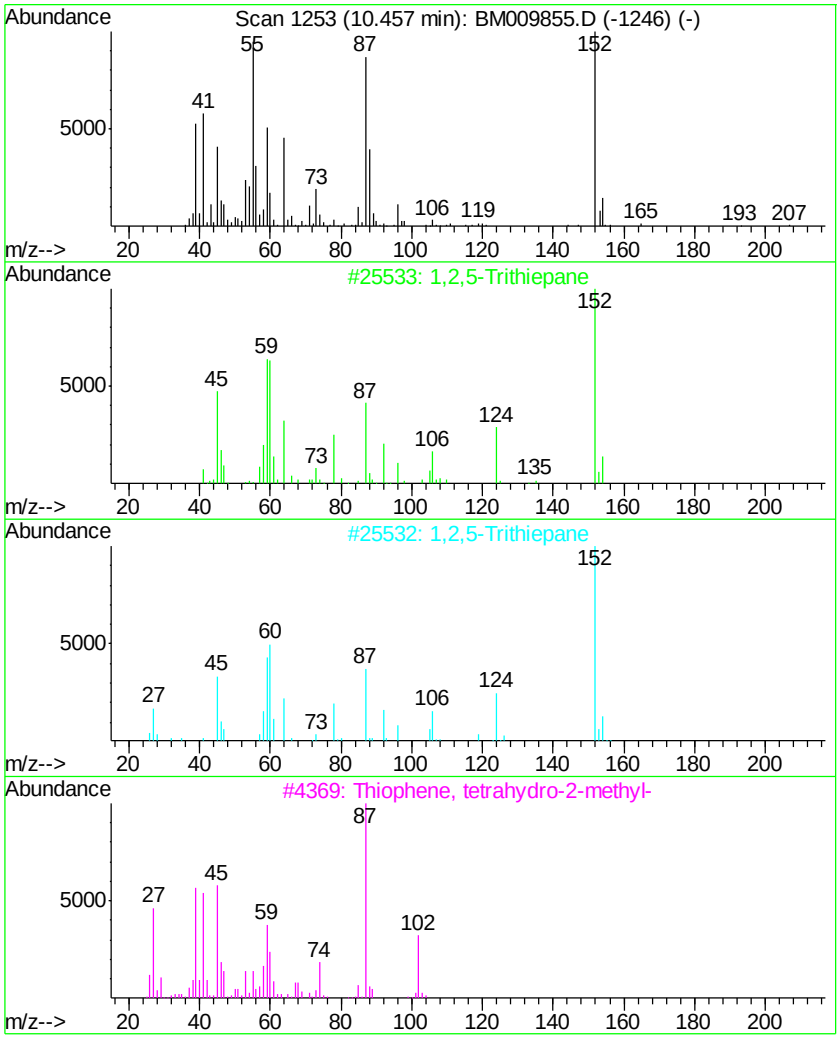
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

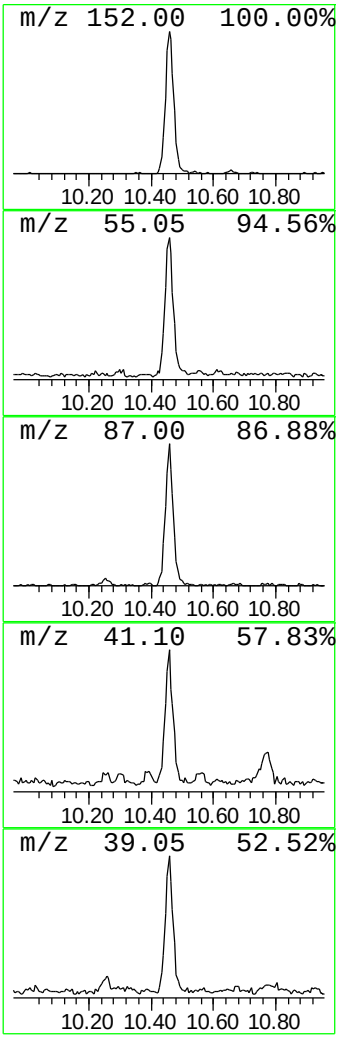
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	12.12 ng/ul	898045	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	38
2	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	35
3	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	22
4	1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	17
5	trans-O-Dithiane-4,5-diol	152	C4H8O2S2	014193-38-5	14





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009855.D
Acq On : 02 May 2017 06:04
Operator : SJ/MA
Sample : I2848-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

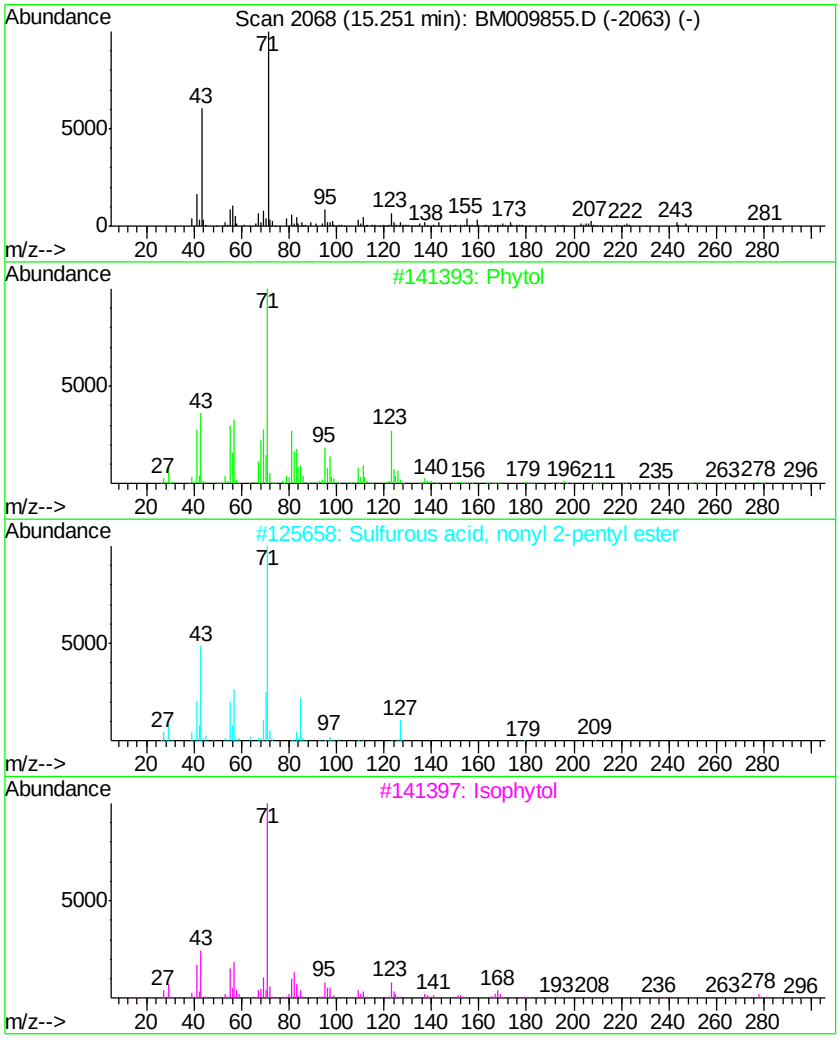
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

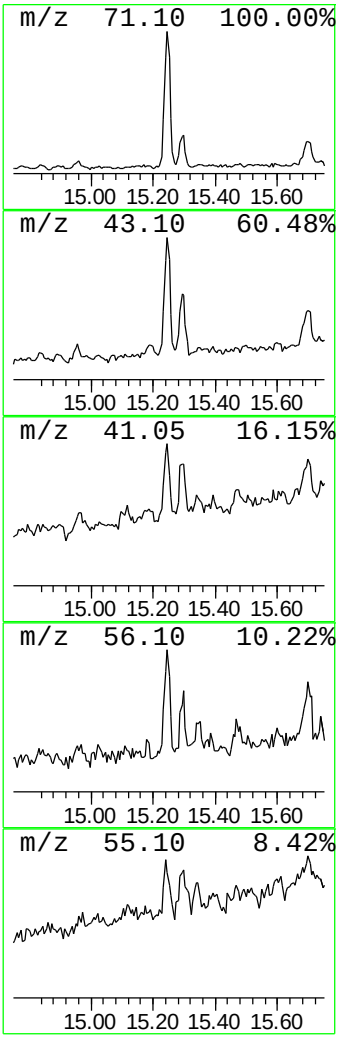
****

Peak Number 2 Phytol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	6.19 ng/ul	669103	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	59
2	Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	59
3	Isophytol	296	C20H40O	000505-32-8	56
4	Heptan-2-ol, 5-(2-tetrahydrofurf...	200	C12H24O2	281676-71-9	53
5	Fumaric acid, nonyl tetrahydrofu...	326	C18H30O5	1000330-58-3	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009855.D
Acq On : 02 May 2017 06:04
Operator : SJ/MA
Sample : I2848-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

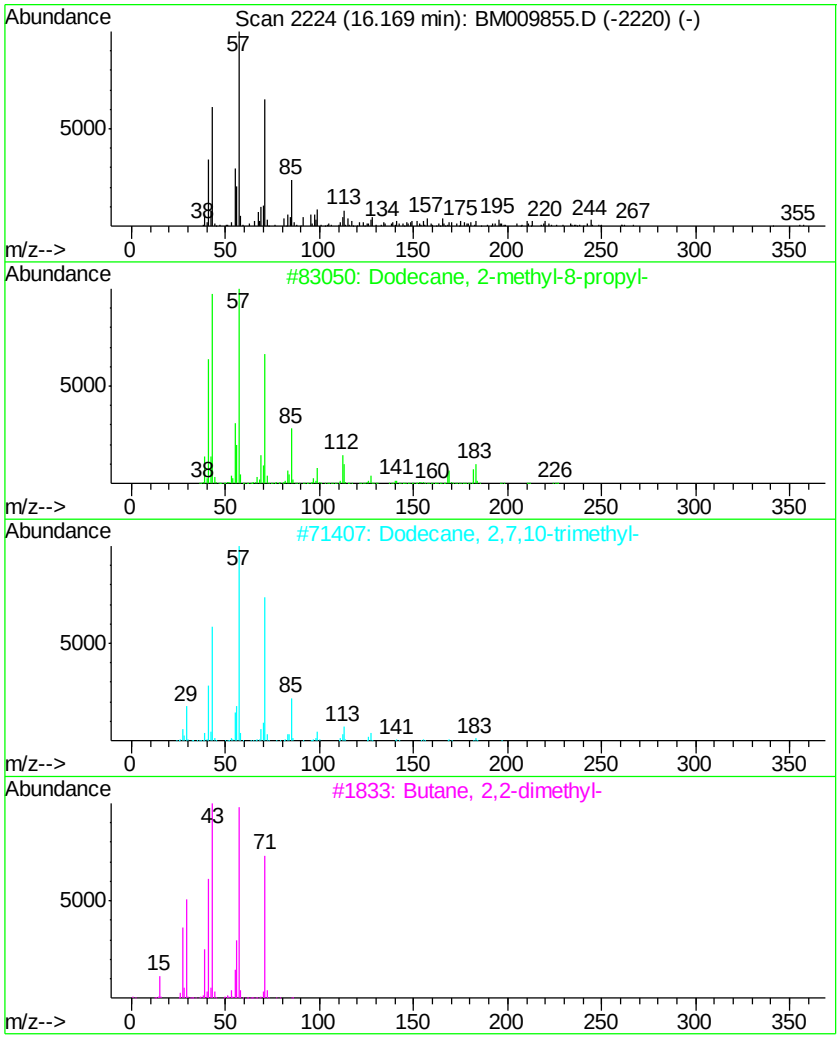
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

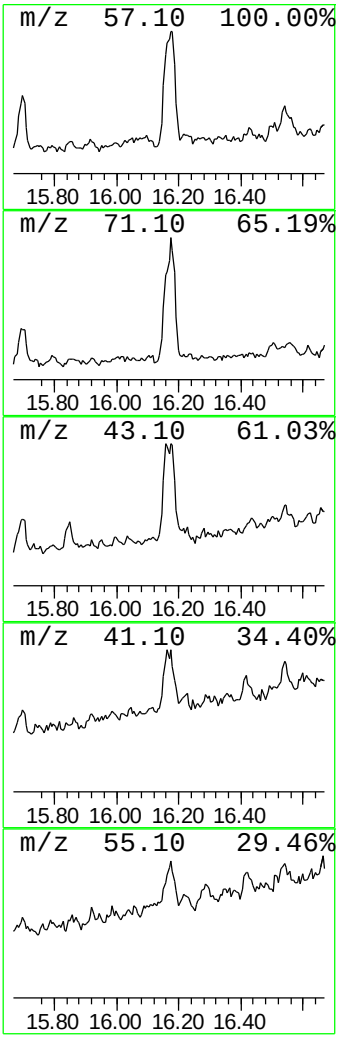
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	7.92 ng/ul	1012610	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	74
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
4	Decane, 2-methyl-	156	C11H24	006975-98-0	49
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009855.D
Acq On : 02 May 2017 06:04
Operator : SJ/MA
Sample : I2848-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

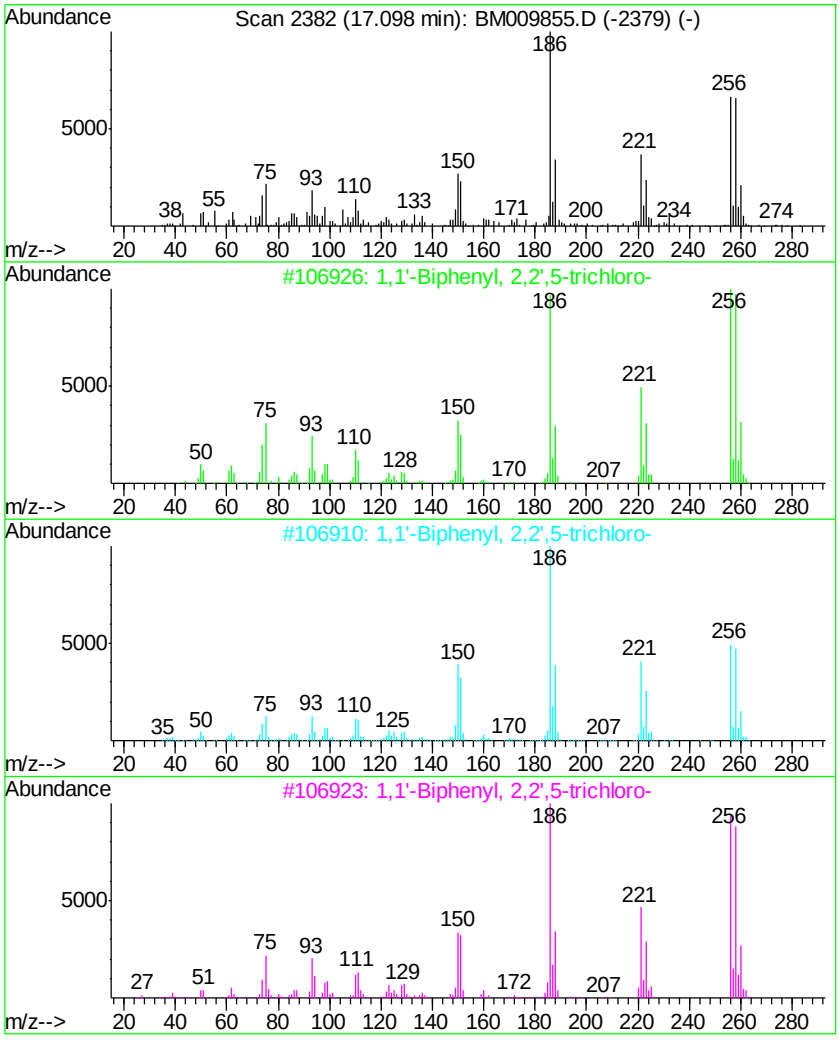
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

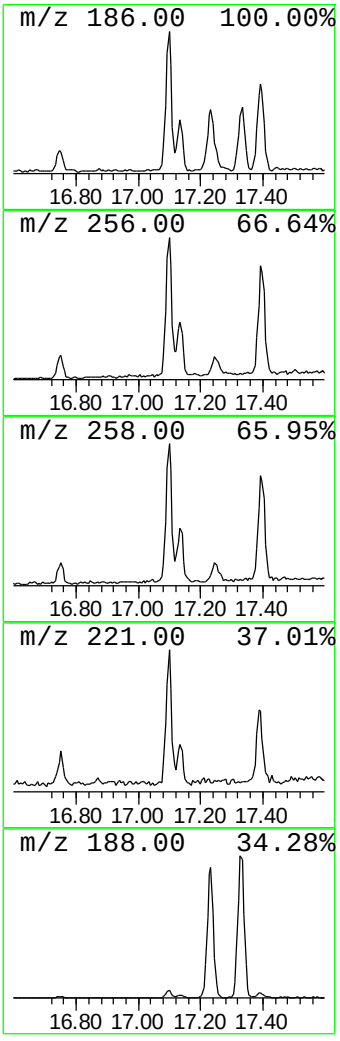
****

Peak Number 4 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	7.14 ng/ul	912337	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	96
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	95
4	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	94
5	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009855.D
Acq On : 02 May 2017 06:04
Operator : SJ/MA
Sample : I2848-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

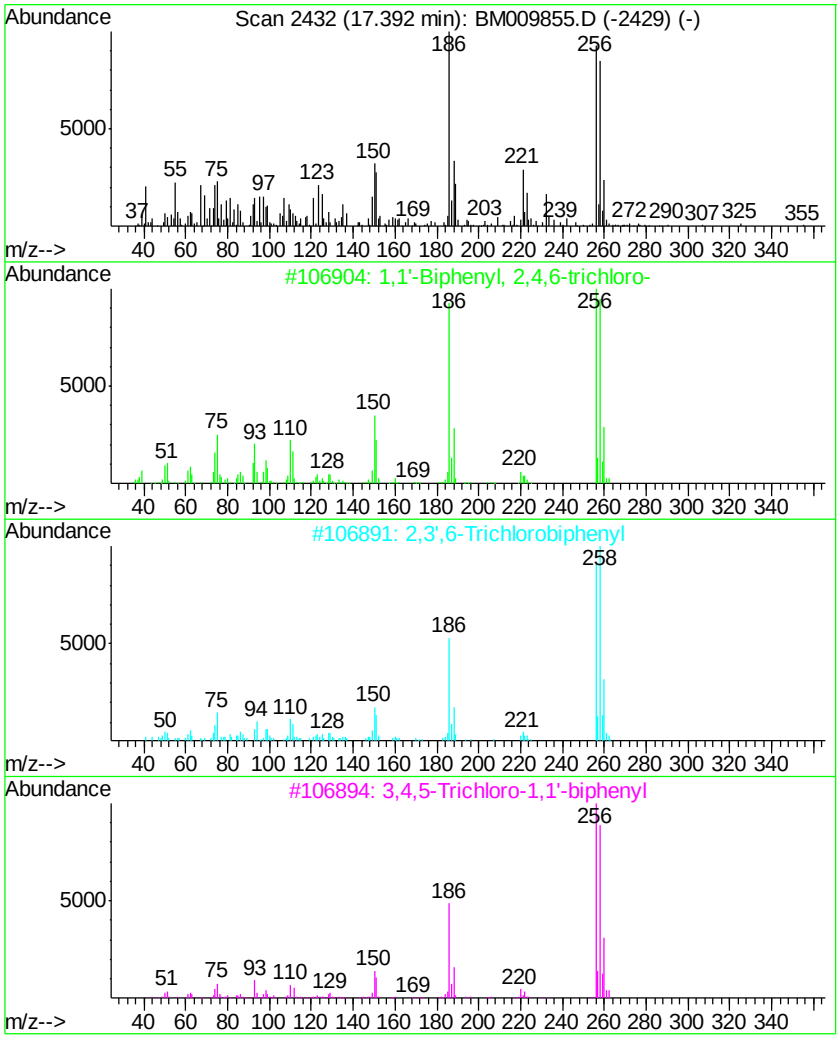
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

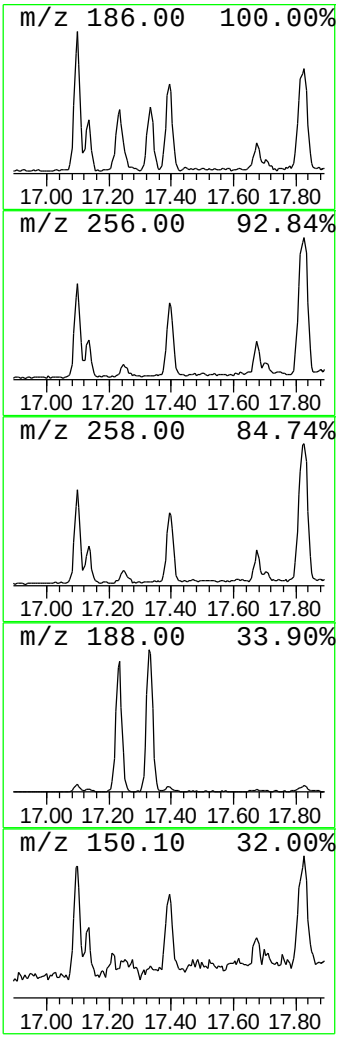
****

Peak Number 5 1,1'-Biphenyl, 2,4,6-trichl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	9.63 ng/ul	1230360	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	93
2	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	93
3	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	93
4	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	93
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009855.D
Acq On : 02 May 2017 06:04
Operator : SJ/MA
Sample : I2848-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	10.46	12.1	ng/ul	898045	2	10.62	1481620	20.0
Phytol	15.25	6.2	ng/ul	669103	3	14.47	2162830	20.0
(DEL) Alkane: Str...	16.17	7.9	ng/ul	1012610	4	17.23	2556550	20.0
1,1'-Biphenyl, 2,...	17.10	7.1	ng/ul	912337	4	17.23	2556550	20.0
1,1'-Biphenyl, 2,...	17.39	9.6	ng/ul	1230360	4	17.23	2556550	20.0