LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009757.D
Acq On : 28 Apr 2017 01:17
Operator : SJ/MA
Sample : I2806-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSM1

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	3.304	33	37	45	rBV	52202	72549	1.16%	0.105%
2	6.987	655	663	674	rBV	1074691	1766035	28.16%	2.560%
3	7.157	686	692	702	rBV	810258	1227757	19.57%	1.780%
4	7.351	719	725	734	rVB	1034711	1627023	25.94%	2.359%
5	7.822	799	805	812	rBV	683278	1078994	17.20%	1.564%
6	8.528	917	925	935	rBV	1276438	2092965	33.37%	3.034%
7	8.992	996	1004	1013	rBV	1045053	1748298	27.87%	2.534%
8	9.704	1118	1125	1135	rVB	889485	1514902	24.15%	2.196%
9	10.239	1209	1216	1227	rBV	1233889	2109208	33.63%	3.058%
10	10.616	1272	1280	1290	rBV	991884	1644531	26.22%	2.384%
11	10.763	1298	1305	1314	rBV	1208834	2077993	33.13%	3.012%
12	13.345	1738	1744	1750	rVB	76786	113847	1.82%	0.165%
13	13.874	1827	1834	1839	rBV	2215319	3139154	50.05%	4.551%
14	13.921	1839	1842	1848	rVB	429082	577741	9.21%	0.838%
15	14.163	1876	1883	1892	rBV	2531071	3701529	59.01%	5.366%
16	14.468	1928	1935	1943	rVB2	1469328	2268847	36.17%	3.289%
17	14.674	1963	1970	1984	rBV	1291731	2007337	32.00%	2.910%
18	15.298	2071	2076	2081	rVB	83348	100216	1.60%	0.145%
19	15.463	2097	2104	2113	rBV	3389443	4685944	74.71%	6.793%
20	15.592	2118	2126	2136	rBV	1257664	1801769	28.73%	2.612%
21	15.704	2138	2145	2149	rVB3	57353	100557	1.60%	0.146%
22	16.157	2218	2222	2230	rBV	96622	167159	2.67%	0.242%
23	16.951	2353	2357	2361	rBV	72548	82409	1.31%	0.119%
24	17.221	2396	2403	2408	rBV	1975336	2844584	45.35%	4.124%
25	17.321	2412	2420	2427	rVV	3667200	5278962	84.16%	7.653%
26	17.580	2457	2464	2474	rBV	709860	1037311	16.54%	1.504%
27	17.686	2474	2482	2489	rVV4	56951	101205	1.61%	0.147%
28	18.092	2547	2551	2561	rBV2	259332	432480	6.90%	0.627%
29	18.951	2692	2697	2704	rBV	2731053	3521548	56.14%	5.105%
30	19.615	2803	2810	2815	rBV	4710675	6272290	100.00%	9.093%
31	20.103	2889	2893	2895	rBV5	126339	185999	2.97%	0.270%
32	20.462	2950	2954	2959	rVB	239597	337989	5.39%	0.490%
33	20.586	2972	2975	2977	rVB2	102929	112580	1.79%	0.163%
34	21.086	3056	3060	3069	rBV	1037485	1289035	20.55%	1.869%

LSC Area Percent Report

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSM1

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

35	21.292	3092	3095	3102	rVB	392644	519210	8.28%	0.753%
36	21.397	3108	3113	3119	rBV	2918885	3572337	56.95%	5.179%
37	23.562	3474	3481	3490	rVB2	2552848	4982963	79.44%	7.224%
38	23.715	3501	3507	3515	rVB2	1404626	2786331	44.42%	4.039%

Sum of corrected areas: 68981588

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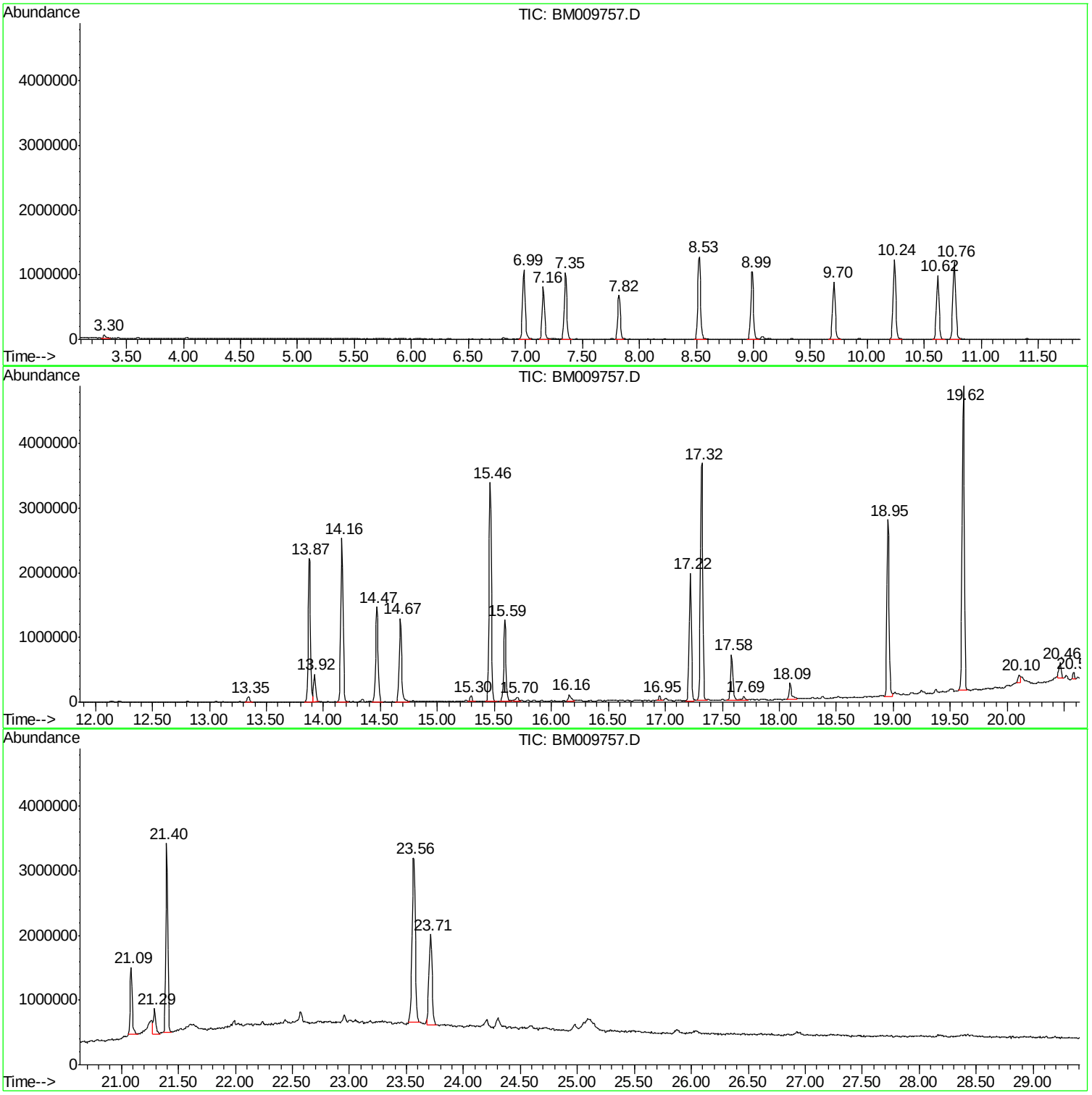
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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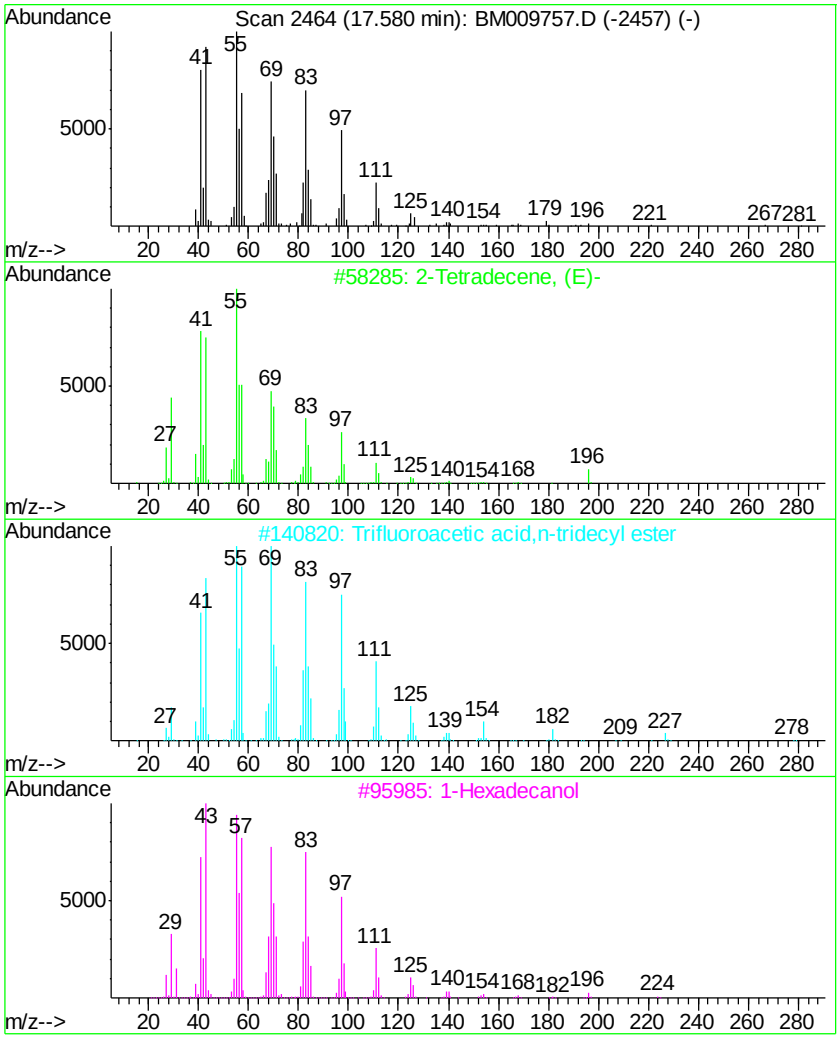
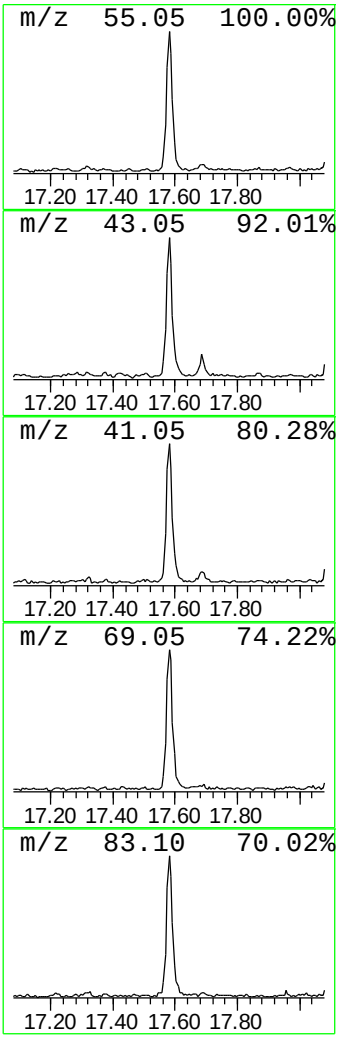
Peak Number 1 (DEL) Alkane: Cyclic17.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	7.29 ng/ul	1037310	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	95
2	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	1-Tetradecanol	214	C14H30O	000112-72-1	91
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91





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Sample : I2806-02
Misc :
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Instrument : BNA_M
ClientSampleId : JHSM1

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

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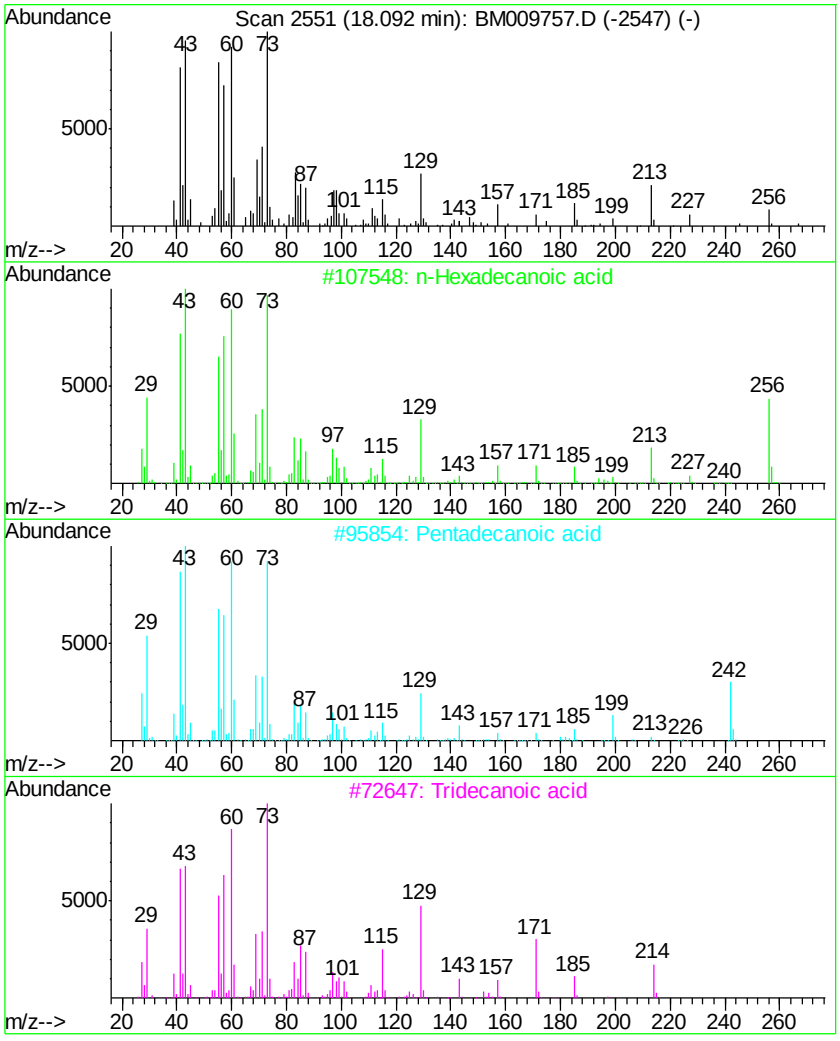
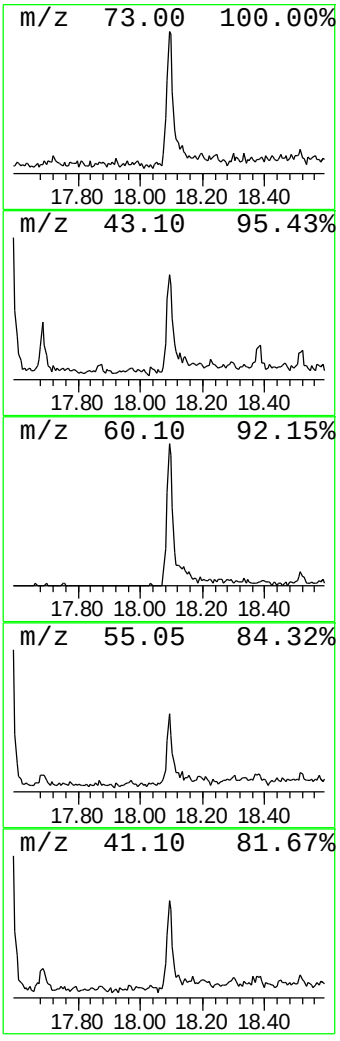
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.04 ng/ul	432480	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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Sample : I2806-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSM1

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

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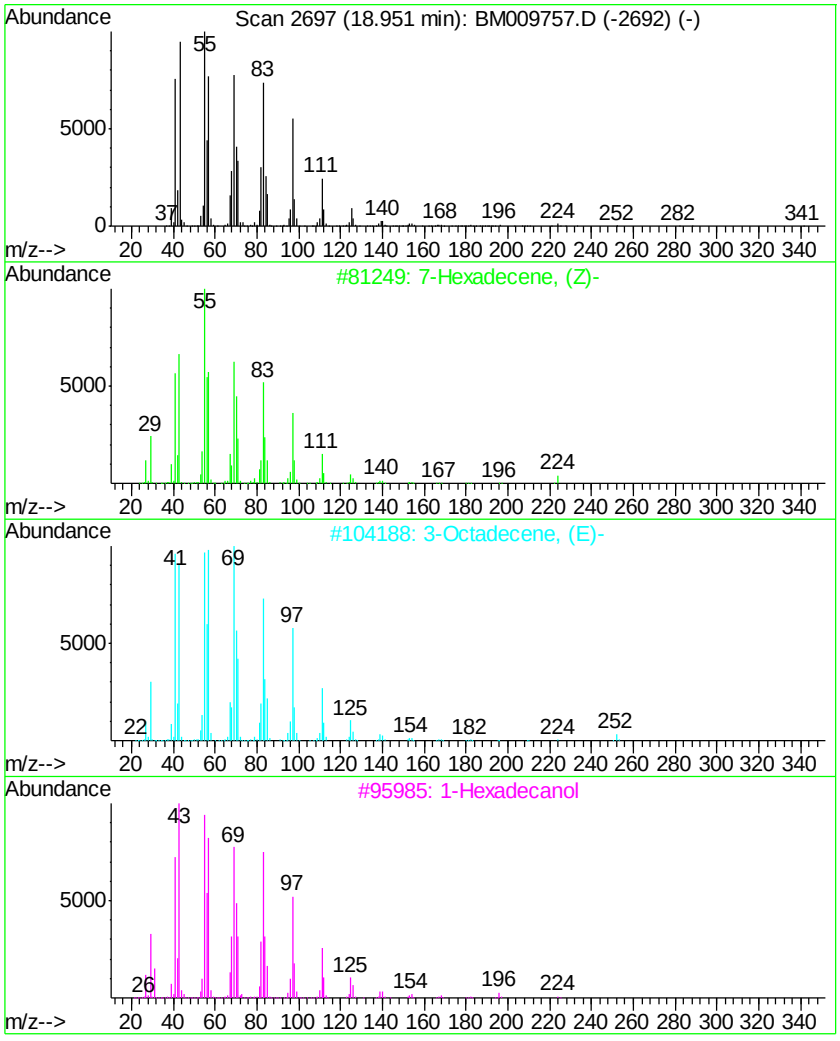
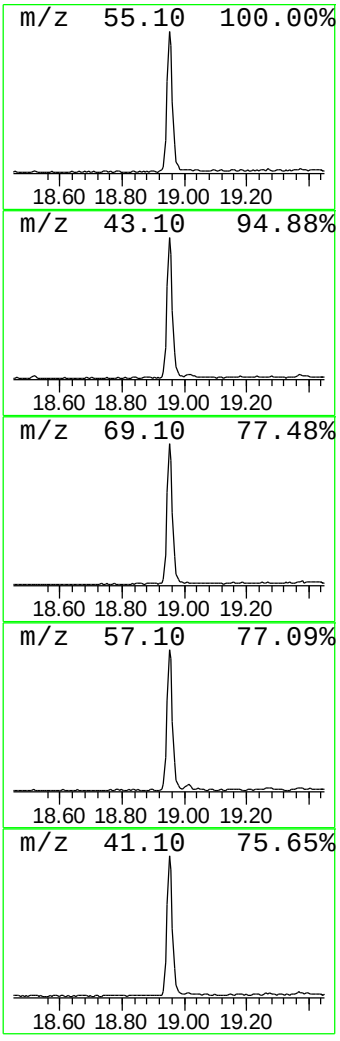
Peak Number 3 (DEL) Alkane: Cyclic15.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	24.76 ng/ul	3521550	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	97
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	94
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	94
5	1-Nonadecene	266	C19H38	018435-45-5	91





Library Search Compound Report

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSM1

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

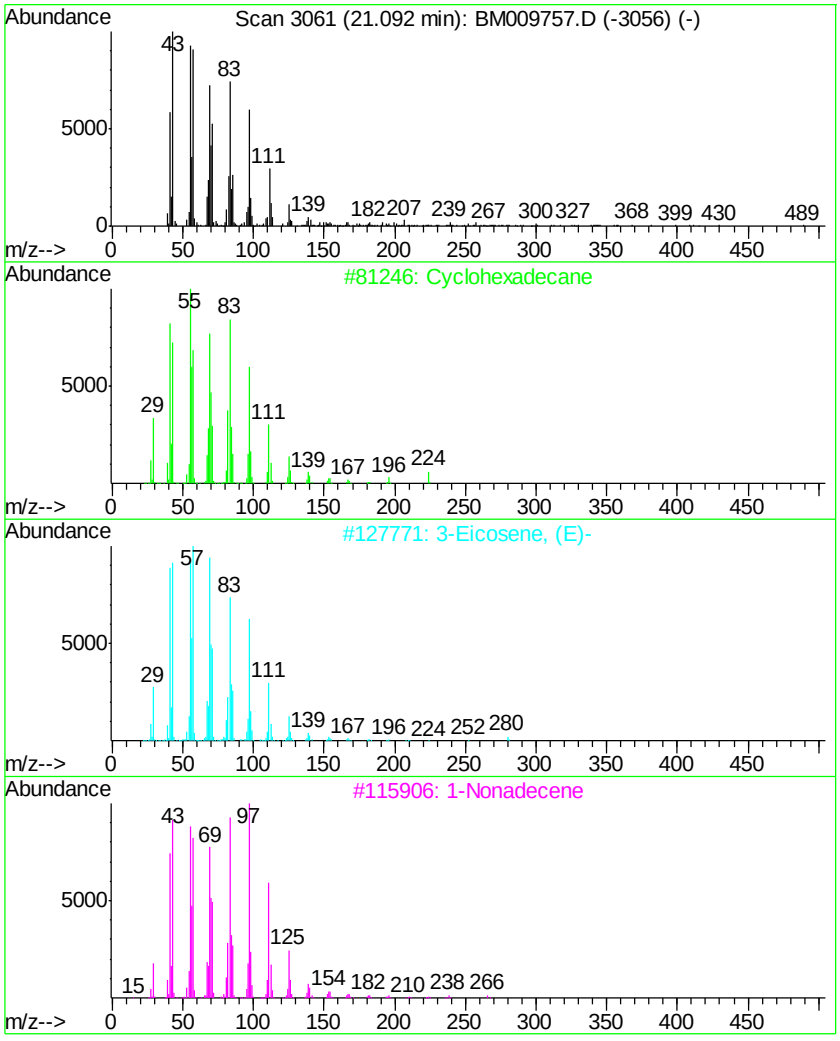
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

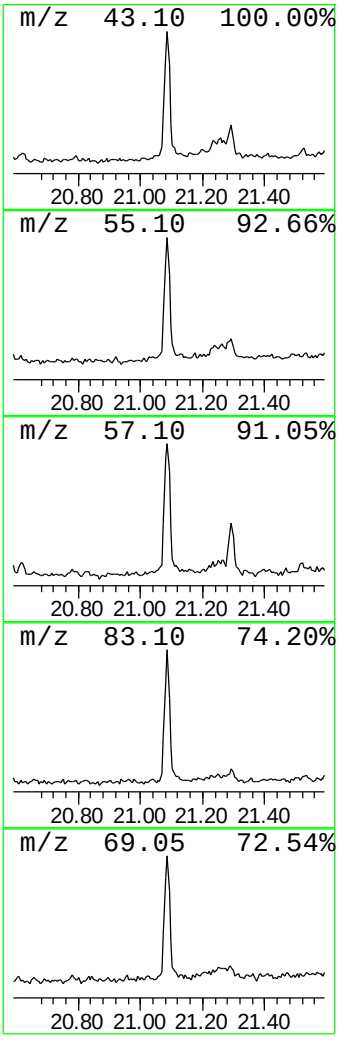
****

Peak Number 4 (DEL) Alkane: Cyclic21.09 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	7.22 ng/ul	1289040	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	90





Tentatively Identified Compound (LSC) summary

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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSM1

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
(DEL) Alkane: Cyc...	17.58	7.3	ng/ul	1037310	4	17.22	2844580	20.0
n-Hexadecanoic acid	18.09	3.0	ng/ul	432480	4	17.22	2844580	20.0
(DEL) Alkane: Cyc...	18.95	24.8	ng/ul	3521550	4	17.22	2844580	20.0
(DEL) Alkane: Cyc...	21.09	7.2	ng/ul	1289040	5	21.40	3572340	20.0