LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
Data File : BM009721.D
Acq On : 26 Apr 2017 15:48
Operator : SJ/MA
Sample : I2836-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CEM-BF004-01

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	6.987	655	663	675	rBV	477339	789644	18.61%	1.813%
2	7.157	686	692	703	rBV	361605	561698	13.24%	1.290%
3	7.351	718	725	734	rBV2	453214	727834	17.15%	1.671%
4	7.822	799	805	812	rBV	606871	961698	22.66%	2.208%
5	8.522	918	924	933	rBV	550871	882840	20.80%	2.027%
6	8.992	996	1004	1014	rBV	467231	785327	18.51%	1.803%
7	9.710	1118	1126	1133	rBV	380822	637488	15.02%	1.464%
8	10.239	1209	1216	1228	rBV	556157	912767	21.51%	2.096%
9	10.622	1272	1281	1289	rBV	854122	1392556	32.82%	3.197%
10	10.763	1298	1305	1315	rBV	435789	767947	18.10%	1.763%
11	13.874	1829	1834	1839	rBV	1053478	1468059	34.59%	3.371%
12	13.922	1839	1842	1848	rVB	231745	314386	7.41%	0.722%
13	14.163	1877	1883	1892	rVB	1118899	1613527	38.02%	3.705%
14	14.469	1929	1935	1943	rVB2	1259327	1920555	45.26%	4.410%
15	14.669	1964	1969	1981	rBV	515473	847556	19.97%	1.946%
16	15.298	2071	2076	2082	rVB3	70576	93655	2.21%	0.215%
17	15.463	2097	2104	2111	rBV	1518952	2169620	51.13%	4.981%
18	15.592	2121	2126	2136	rBV	543619	778841	18.35%	1.788%
19	15.704	2136	2145	2149	rVV6	39239	70123	1.65%	0.161%
20	16.157	2218	2222	2233	rBV	88911	163596	3.86%	0.376%
21	16.951	2352	2357	2362	rBV2	58563	77894	1.84%	0.179%
22	17.221	2397	2403	2408	rBV	1766664	2467953	58.16%	5.666%
23	17.262	2408	2410	2414	rVV2	42022	52565	1.24%	0.121%
24	17.321	2414	2420	2432	rVB2	1795269	2496953	58.84%	5.733%
25	17.510	2445	2452	2457	rBV5	43027	66376	1.56%	0.152%
26	17.586	2458	2465	2472	rBV4	59070	103621	2.44%	0.238%
27	18.092	2546	2551	2557	rBV2	243513	346080	8.16%	0.795%
28	19.280	2743	2753	2760	rVV	375426	580810	13.69%	1.334%
29	19.374	2765	2769	2773	rVV4	100182	147577	3.48%	0.339%
30	19.415	2773	2776	2783	rVB7	76861	99927	2.35%	0.229%
31	19.515	2788	2793	2797	rVB8	28030	51274	1.21%	0.118%
32	19.615	2804	2810	2822	rVB2	2439510	3797724	89.49%	8.720%
33	19.721	2822	2828	2831	rBV6	51622	78544	1.85%	0.180%
34	19.821	2840	2845	2849	rBV5	30503	46982	1.11%	0.108%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : CEM-BF004-01

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	19.956	2865	2868	2871	rBV5	26771	43164	1.02%	0.099%
36	20.104	2888	2893	2895	rBV6	47322	79657	1.88%	0.183%
37	20.133	2895	2898	2905	rVB3	90584	136541	3.22%	0.314%
38	20.233	2912	2915	2919	rBV2	62642	78705	1.85%	0.181%
39	20.274	2919	2922	2929	rVV7	61274	134272	3.16%	0.308%
40	20.327	2929	2931	2935	rVB5	34727	49945	1.18%	0.115%
41	20.474	2954	2956	2960	rBV5	28969	44179	1.04%	0.101%
42	21.086	3056	3060	3065	rBV	596431	725416	17.09%	1.666%
43	21.403	3106	3114	3118	rBV	2843698	4243620	100.00%	9.743%
44	21.433	3118	3119	3126	rVB	345800	355675	8.38%	0.817%
45	21.556	3138	3140	3145	rVB3	81846	85914	2.02%	0.197%
46	21.962	3206	3209	3211	rBV2	83158	98707	2.33%	0.227%
47	22.450	3287	3292	3300	rBV	477653	742499	17.50%	1.705%
48	22.956	3376	3378	3383	rVB3	117975	139705	3.29%	0.321%
49	23.015	3383	3388	3401	rVB	484891	1200467	28.29%	2.756%
50	23.509	3469	3472	3475	rBV	121566	191099	4.50%	0.439%
51	23.568	3475	3482	3487	rVV2	1575994	2934964	69.16%	6.739%
52	23.715	3500	3507	3515	rBV	1769479	3330676	78.49%	7.647%
53	24.209	3587	3591	3599	rVB3	167961	329006	7.75%	0.755%
54	24.309	3604	3608	3617	rVB5	165758	335353	7.90%	0.770%

Sum of corrected areas: 43553561

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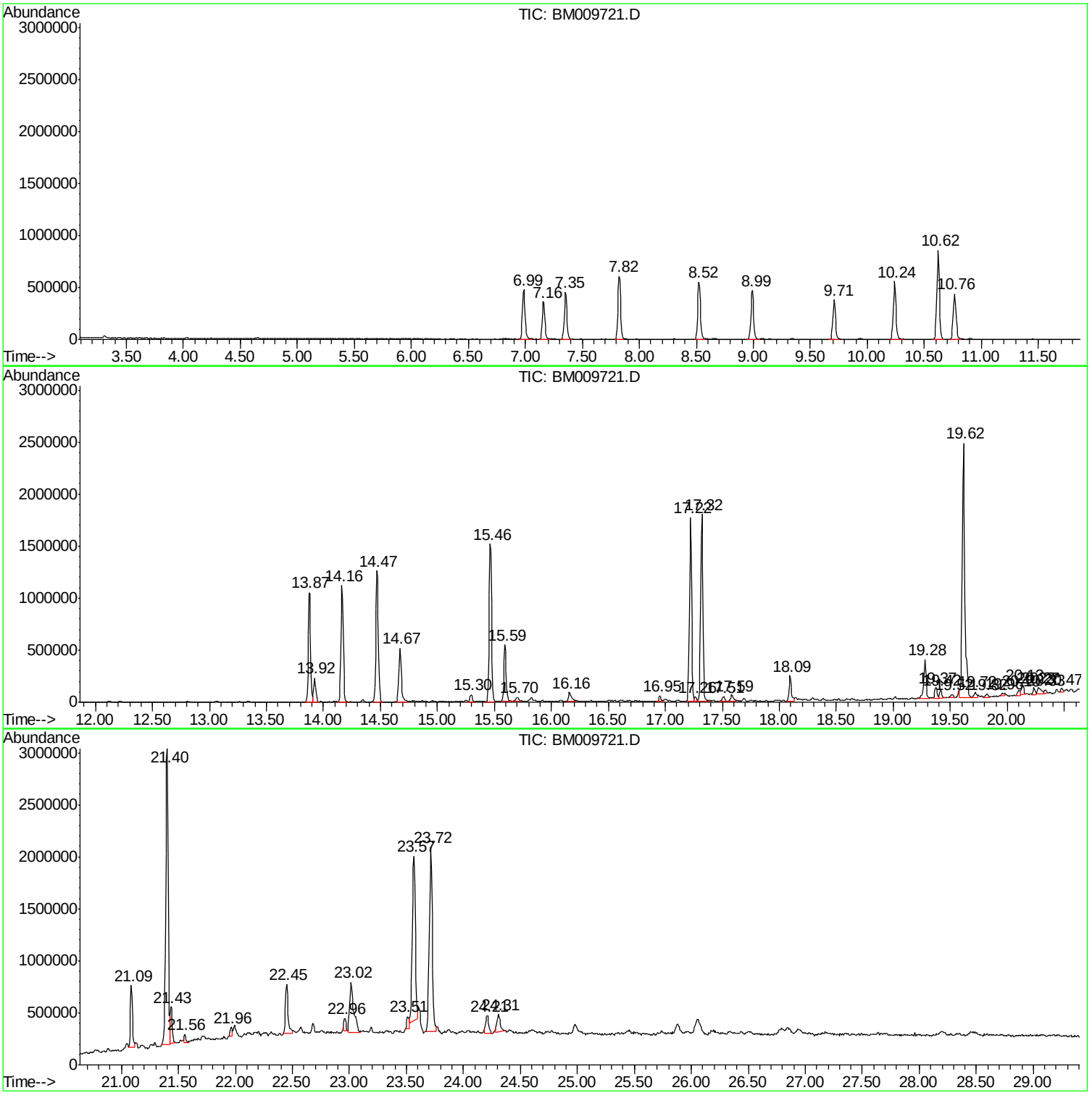
Instrument :
BNA_M
ClientSampleId :
CEM-BF004-01

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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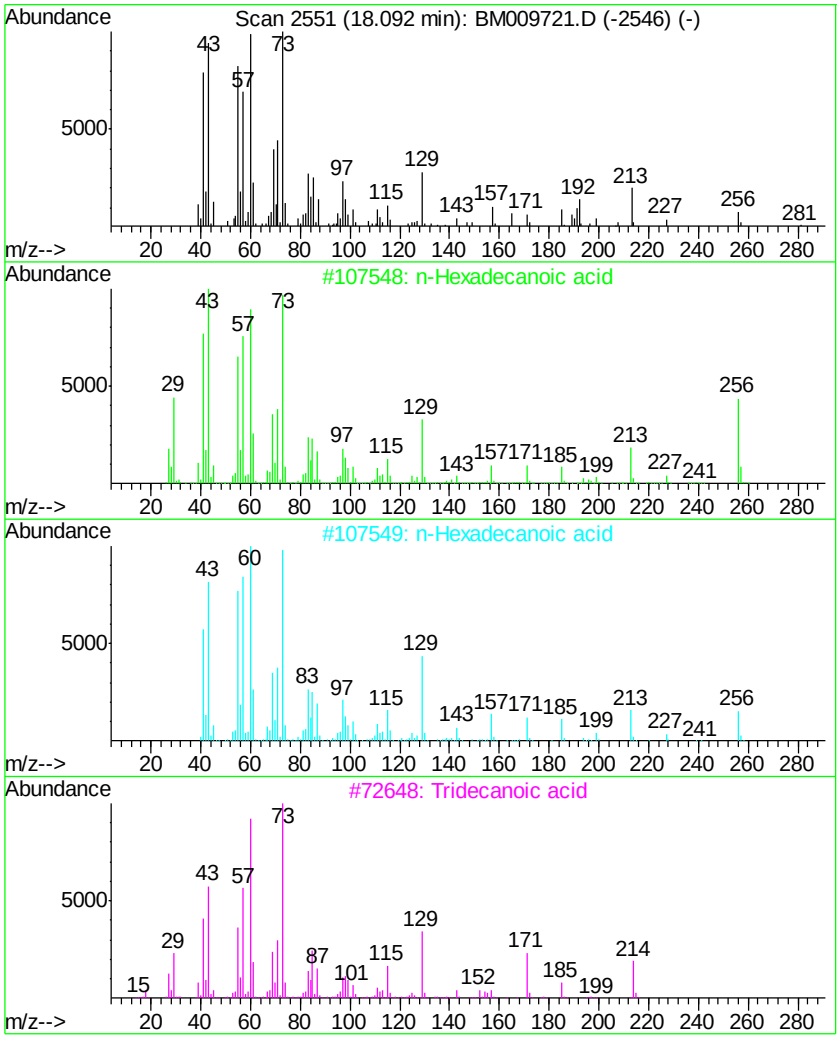
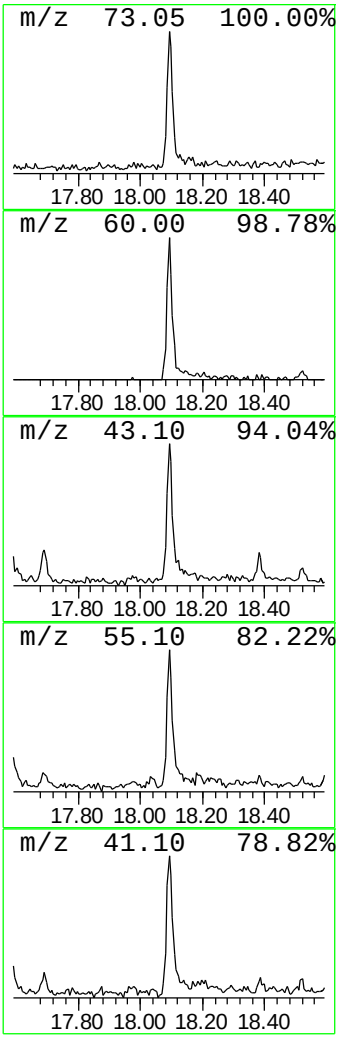
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.80 ng/ul	346080	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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Instrument : BNA_M
ClientSampleId : CEM-BF004-01

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

TIC Library : C:\DATABASE\NIST11.L
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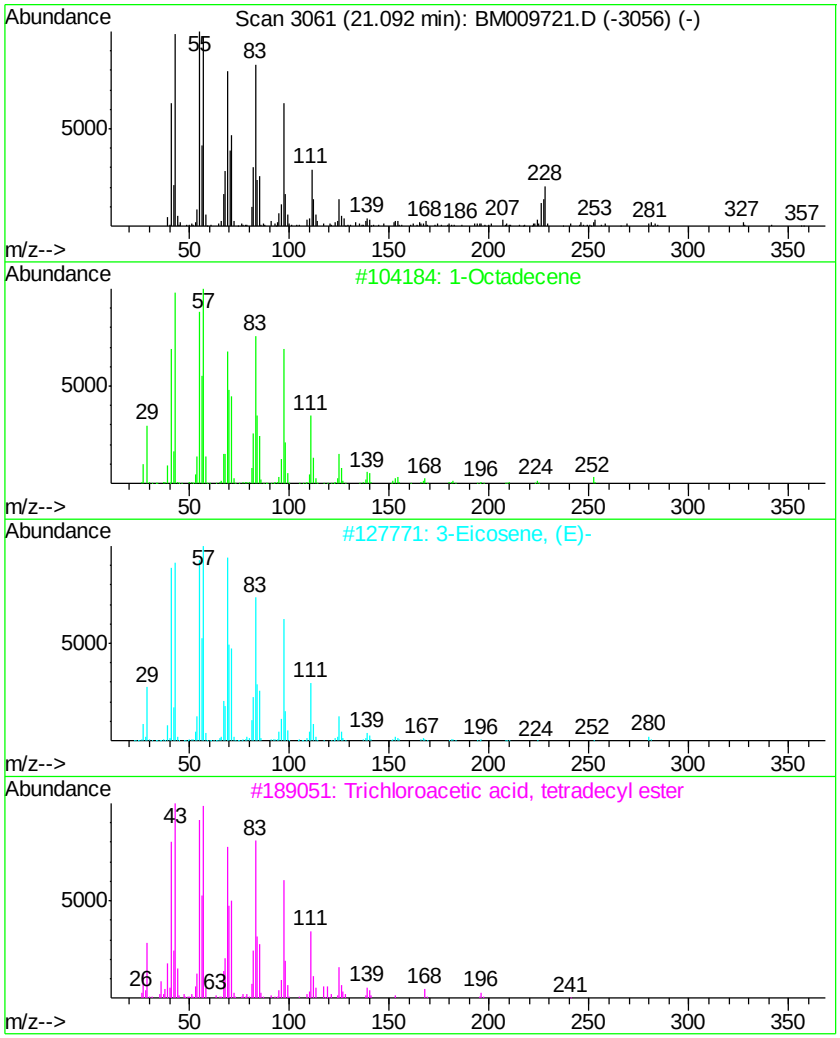
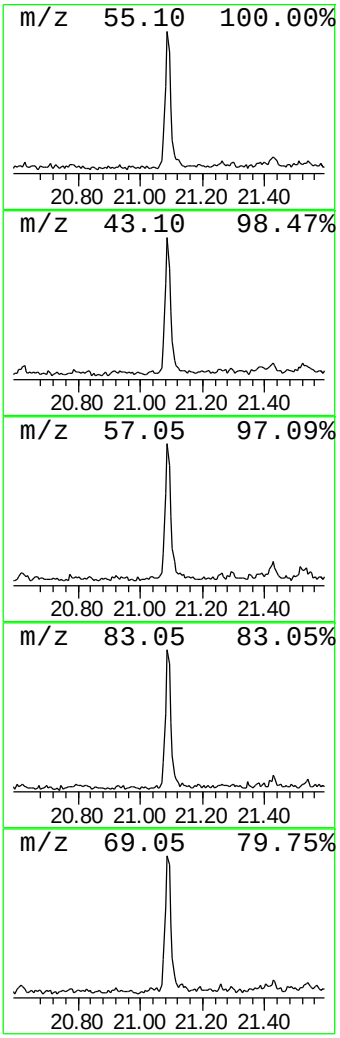
Peak Number 2 (DEL) Alkane: Cyclic21.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	3.42 ng/ul	725416	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
4	1-Tricosene	322	C23H46	018835-32-0	87
5	Cyclohexadecane	224	C16H32	000295-65-8	86





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Acq On : 26 Apr 2017 15:48
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Instrument : BNA_M
ClientSampleId : CEM-BF004-01

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

TIC Library : C:\DATABASE\NIST11.L
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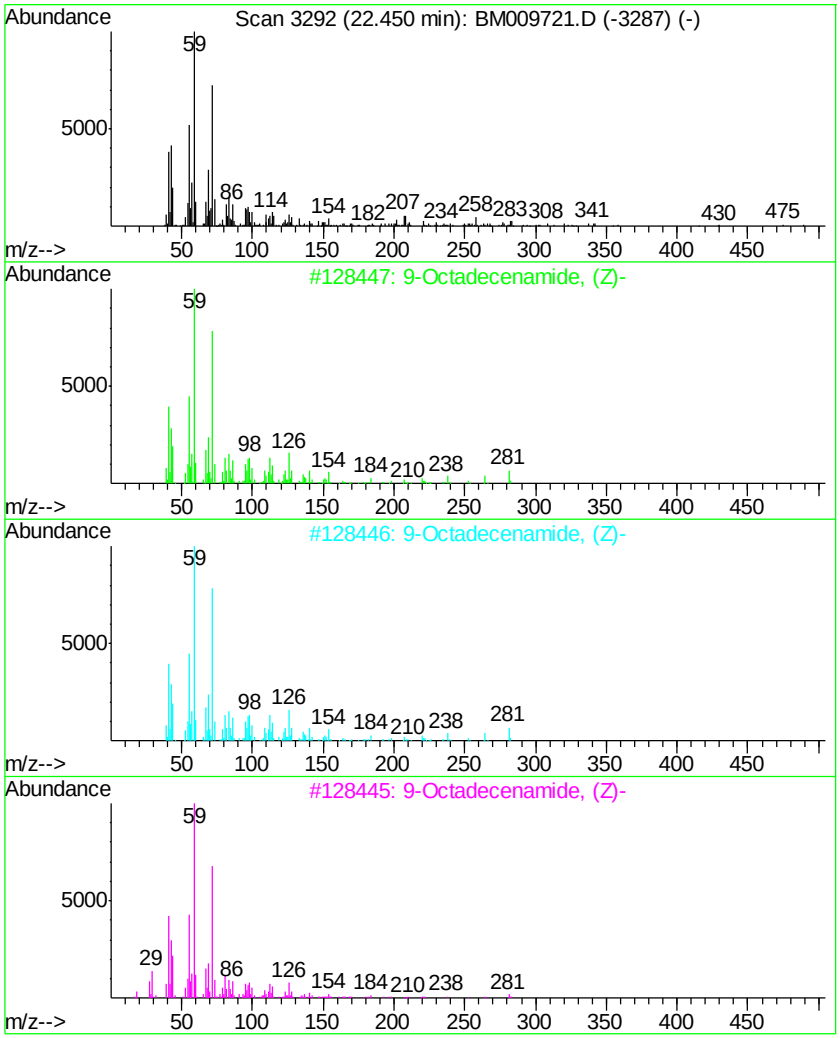
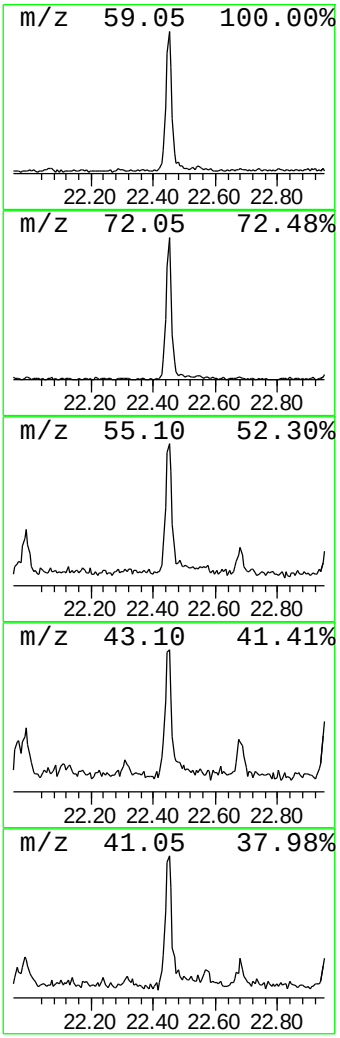
Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	3.50 ng/ul	742499	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
5	Tetradecanamide	227	C14H29NO	000638-58-4	72





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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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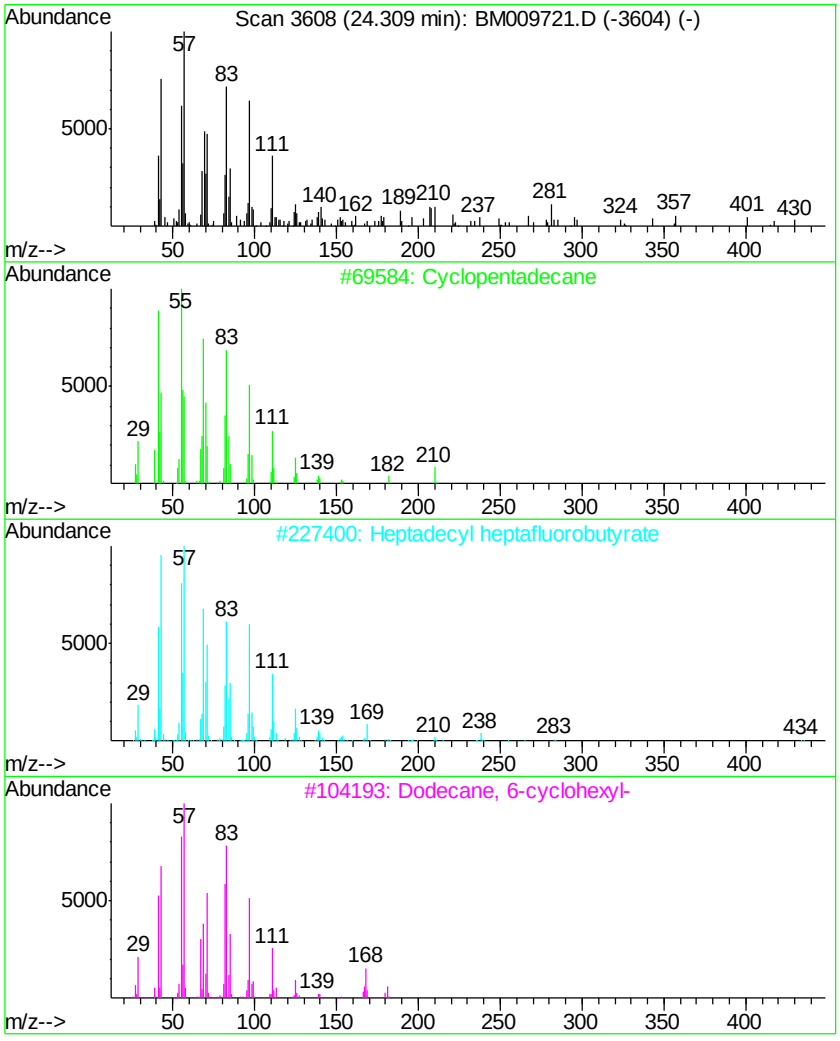
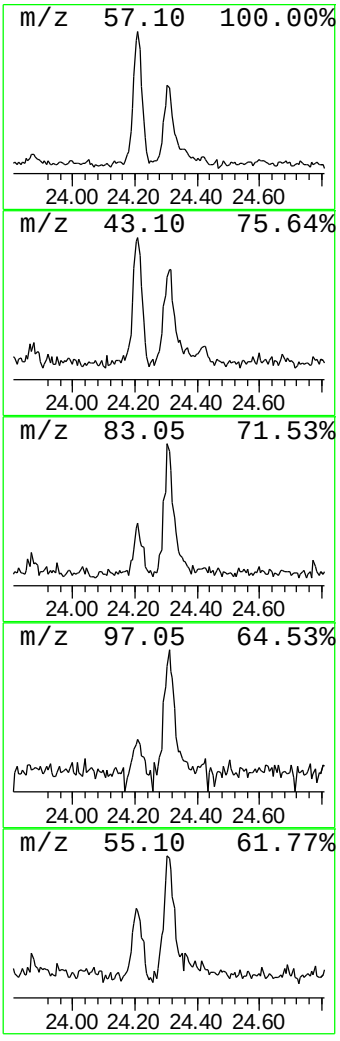
Peak Number 4 (DEL) Alkane: Cyclic24.31 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	2.01 ng/ul	335353	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	74
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	72
3	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	52
4	17-Pentatriacontene	491	C35H70	006971-40-0	52
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	49





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	2.8	ng/ul	346080	4	17.22	2467950	20.0
(DEL) Alkane: Cyc...	21.09	3.4	ng/ul	725416	5	21.40	4243620	20.0
9-Octadecenamide,...	22.45	3.5	ng/ul	742499	5	21.40	4243620	20.0
(DEL) Alkane: Cyc...	24.31	2.0	ng/ul	335353	6	23.72	3330680	20.0