LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
Data File : BM008961.D
Acq On : 02 Feb 2017 14:29
Operator : SJ/MA
Sample : I1449-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FJ4MSD

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\SOM02.2-EPA-BM013017.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	3.375	131	134	140	rVB4	24696	31894	1.31%	0.077%
2	7.063	754	761	763	rBV	518245	776137	31.94%	1.877%
3	7.092	763	766	774	rVB	661636	1014456	41.74%	2.453%
4	7.245	786	792	800	rBV	315816	490027	20.16%	1.185%
5	7.439	819	825	828	rBV	496590	831212	34.20%	2.010%
6	7.475	828	831	839	rVB	525938	771192	31.73%	1.865%
7	7.916	898	906	908	rBV2	401927	638631	26.28%	1.544%
8	7.951	908	912	919	rVB	555717	919820	37.85%	2.224%
9	8.610	1015	1024	1032	rBV	566959	909616	37.43%	2.200%
10	8.716	1035	1042	1049	rBV	480715	722073	29.71%	1.746%
11	9.075	1097	1103	1111	rVB	521800	871717	35.87%	2.108%
12	9.798	1219	1226	1233	rVB2	431167	713105	29.34%	1.725%
13	10.327	1307	1316	1326	rVB2	605298	998086	41.07%	2.414%
14	10.575	1350	1358	1368	rBV	699511	1142703	47.02%	2.763%
15	10.716	1374	1382	1389	rBV2	491920	802084	33.00%	1.940%
16	10.851	1398	1405	1413	rBV2	433094	728371	29.97%	1.761%
17	11.986	1591	1598	1607	rBV	731613	1131819	46.57%	2.737%
18	13.568	1860	1867	1872	rBV3	17267	28754	1.18%	0.070%
19	13.815	1904	1909	1914	rVB4	26612	40210	1.65%	0.097%
20	13.957	1925	1933	1937	rBV	875329	1143212	47.04%	2.765%
21	14.004	1937	1941	1946	rVB	195809	271724	11.18%	0.657%
22	14.245	1976	1982	1988	rBV	1012751	1425932	58.67%	3.448%
23	14.427	2009	2013	2017	rVB2	20115	28473	1.17%	0.069%
24	14.551	2028	2034	2039	rBV	714413	1027153	42.26%	2.484%
25	14.615	2039	2045	2053	rVB	1101758	1578077	64.93%	3.816%
26	14.745	2056	2067	2075	rBV3	803642	1630759	67.10%	3.944%
27	14.915	2089	2096	2105	rVB	697395	1001618	41.21%	2.422%
28	15.380	2170	2175	2179	rBV3	39495	49281	2.03%	0.119%
29	15.545	2197	2203	2209	rBV	1299625	1840334	75.73%	4.451%
30	15.657	2214	2222	2231	rVV	404089	542795	22.33%	1.313%
31	15.780	2234	2243	2247	rBV8	26772	45450	1.87%	0.110%
32	16.239	2316	2321	2329	rBV2	59536	95140	3.91%	0.230%
33	16.939	2434	2440	2448	rBV2	806238	1113184	45.80%	2.692%
34	17.033	2451	2456	2461	rVV2	48319	66302	2.73%	0.160%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FJ4MSD

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\SOM02.2-EPA-BM013017.M
Title : SVOA CALIBRATION

35	17.298	2494	2501	2508	rBV	916620	1319872	54.31%	3.192%
36	17.398	2510	2518	2524	rBV	1537044	2097080	86.29%	5.072%
37	17.768	2575	2581	2586	rBV2	34672	49901	2.05%	0.121%
38	18.168	2644	2649	2655	rBV	147544	201387	8.29%	0.487%
39	19.145	2811	2815	2821	rVB7	25766	35674	1.47%	0.086%
40	19.439	2860	2865	2871	rBV4	105089	136026	5.60%	0.329%
41	19.597	2889	2892	2897	rVB3	30805	40340	1.66%	0.098%
42	19.686	2901	2907	2909	rVV	1837416	2430278	100.00%	5.877%
43	19.715	2909	2912	2917	rVB	1848794	2369872	97.51%	5.731%
44	19.927	2943	2948	2953	rBV5	129137	166766	6.86%	0.403%
45	20.380	3021	3025	3028	rBV4	68888	79283	3.26%	0.192%
46	20.550	3049	3054	3058	rBV	1217401	1412564	58.12%	3.416%
47	20.586	3058	3060	3071	rVB5	199528	331798	13.65%	0.802%
48	21.156	3153	3157	3163	rBV3	163841	212729	8.75%	0.514%
49	21.362	3189	3192	3196	rBV3	68351	81519	3.35%	0.197%
50	21.468	3204	3210	3216	rBV	1262568	1594266	65.60%	3.856%
51	23.668	3577	3584	3593	rBV2	1072481	2086000	85.83%	5.045%
52	23.821	3603	3610	3617	rBV	688820	1283333	52.81%	3.104%

Sum of corrected areas: 41350029

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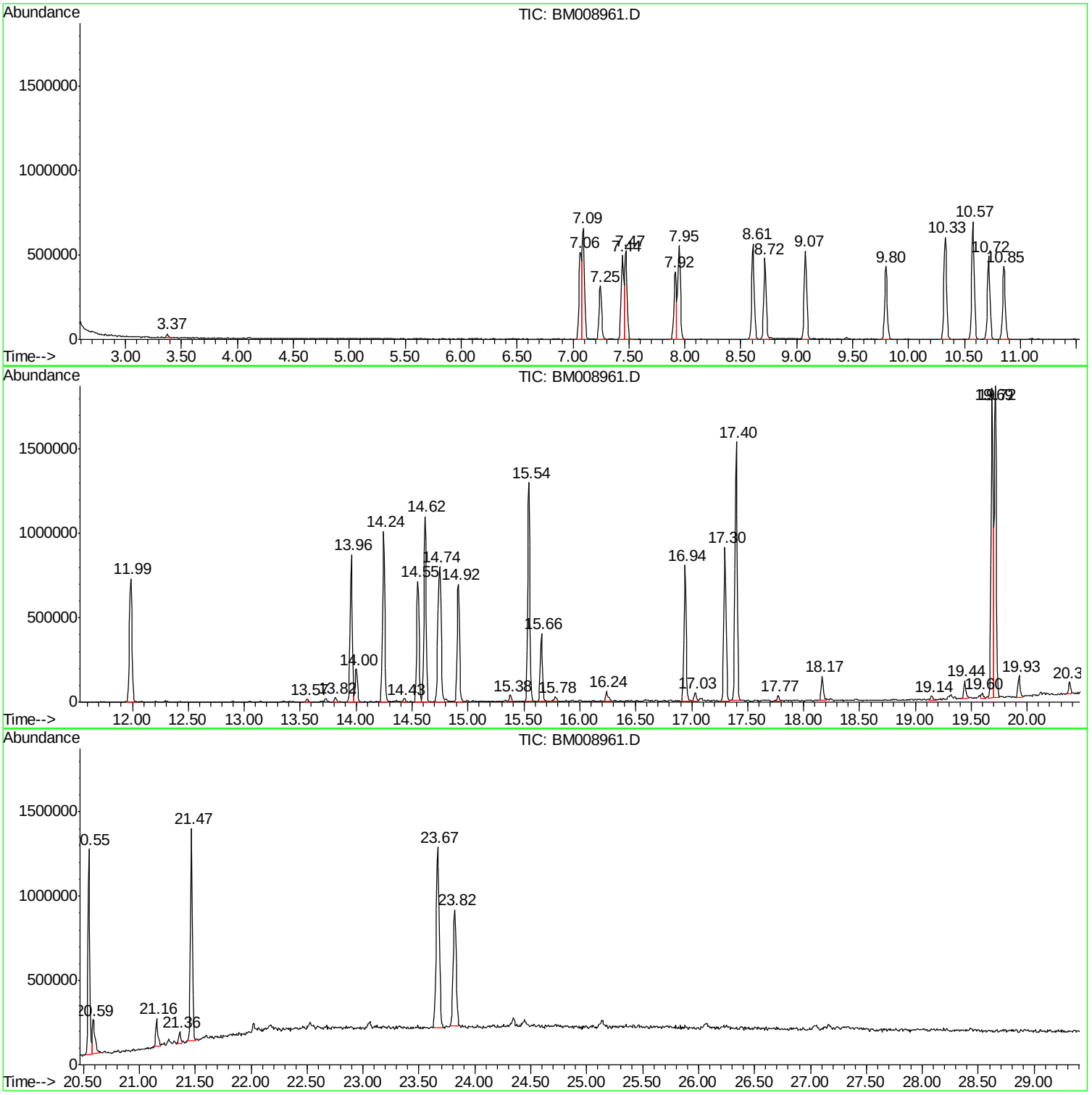
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0FJ4MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
Data File : BM008961.D
Acq On : 02 Feb 2017 14:29
Operator : SJ/MA
Sample : I1449-14MSD
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

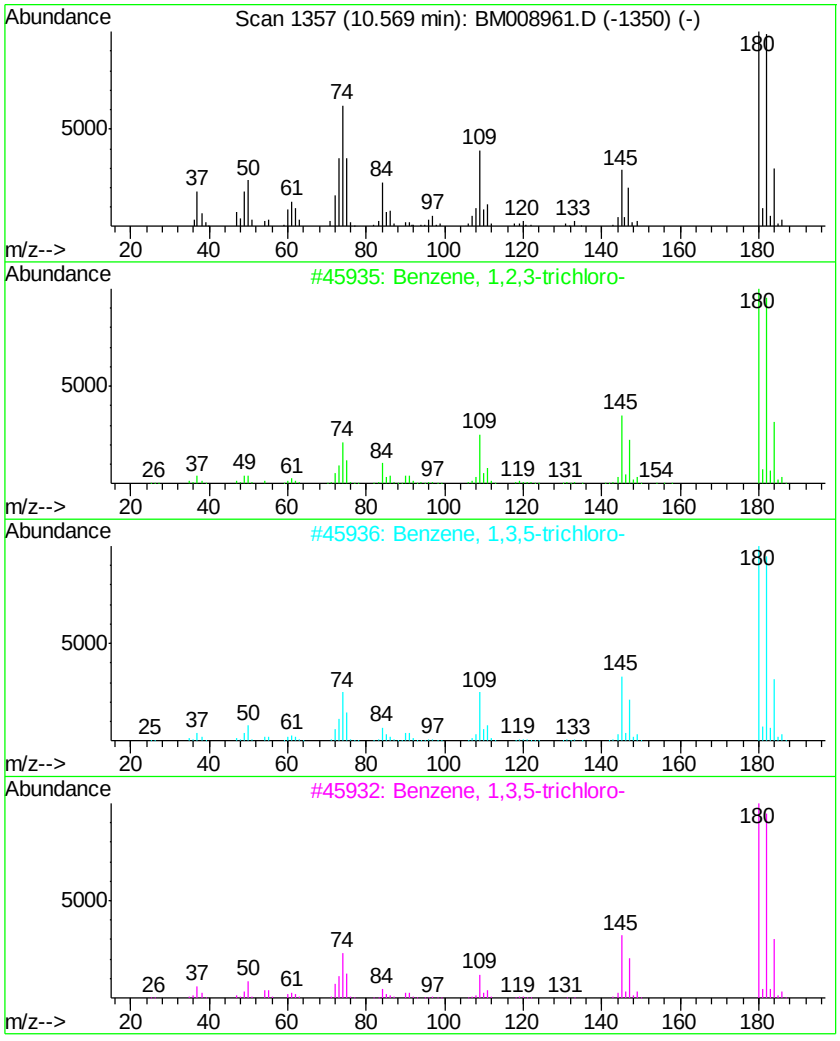
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

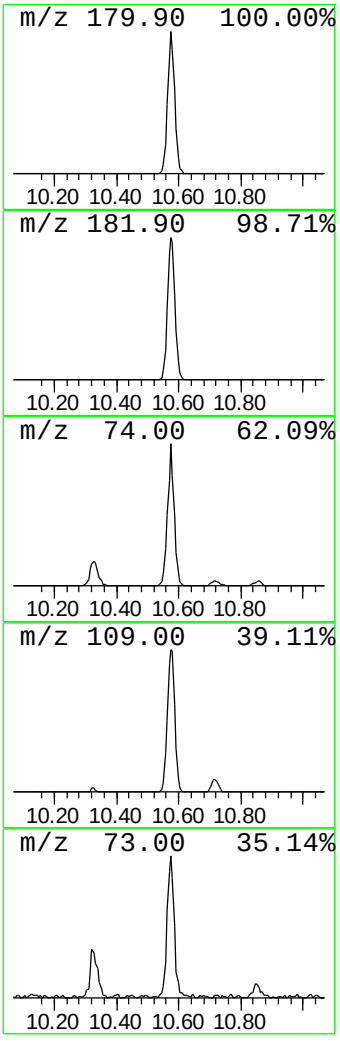
****

Peak Number 1 Benzene, 1,2,3-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	28.49 ng/ul	1142700	Naphthalene-d8	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	94
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	93
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	90





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Sample : I1449-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FJ4MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

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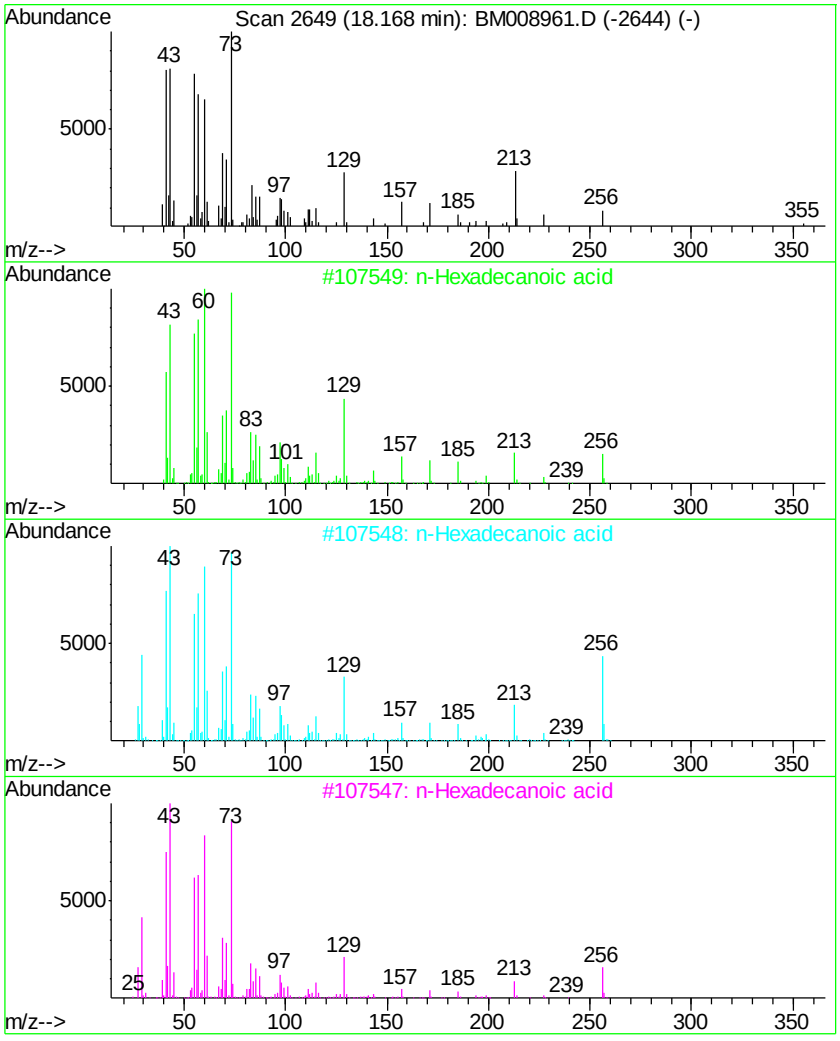
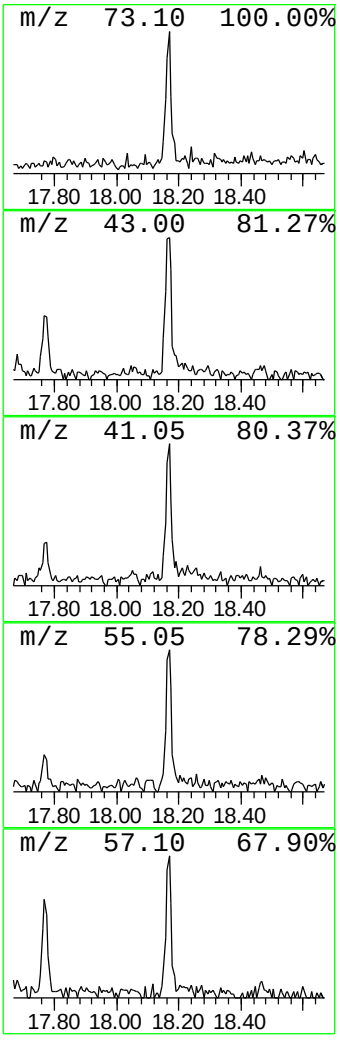
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.05 ng/ul	201387	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
4	Tridecanoic acid	214	C13H26O2	000638-53-9	46
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
Data File : BM008961.D
Acq On : 02 Feb 2017 14:29
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Sample : I1449-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FJ4MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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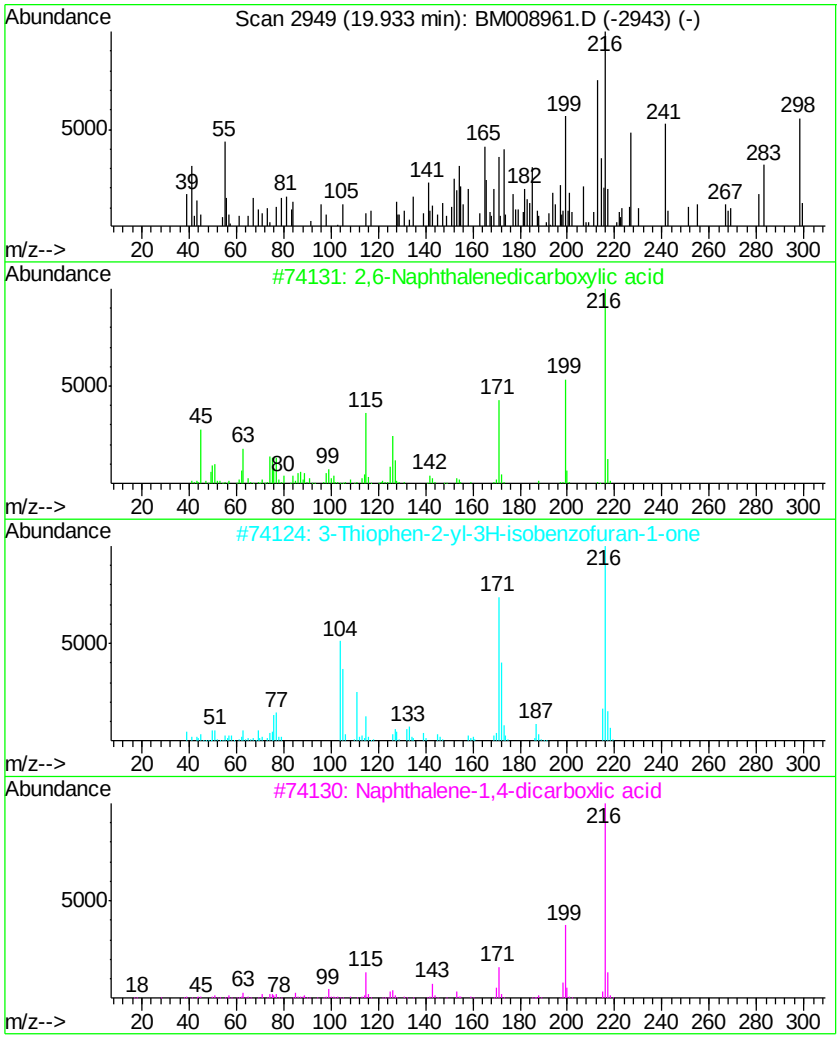
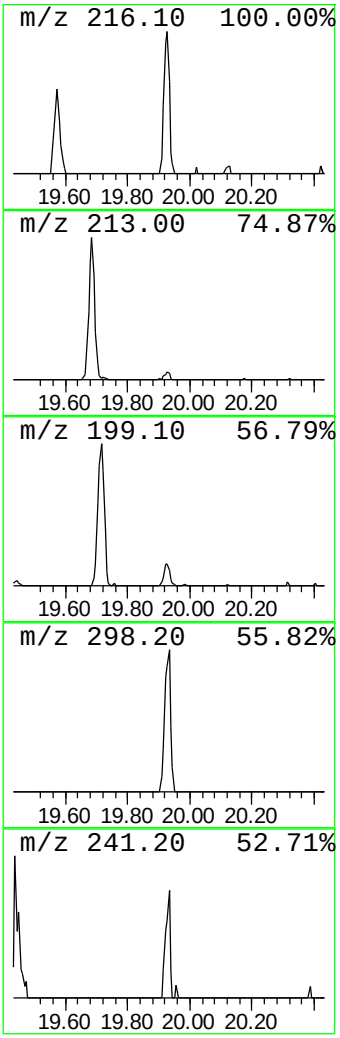
Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.09 ng/ul	166766	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedicarboxylic acid	216	C12H8O4	001141-38-4	38
2	3-Thiophen-2-yl-3H-isobenzofuran...	216	C12H8O2S	1000311-65-3	22
3	Naphthalene-1,4-dicarboxlic acid	216	C12H8O4	000605-70-9	22
4	Harmaline	214	C13H14N2O	000304-21-2	18
5	Ethanone, 1-(1-hydroxy-3-methoxy...	216	C13H12O3	054815-11-1	15





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Instrument : BNA_M
ClientSampleId : H0FJ4MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

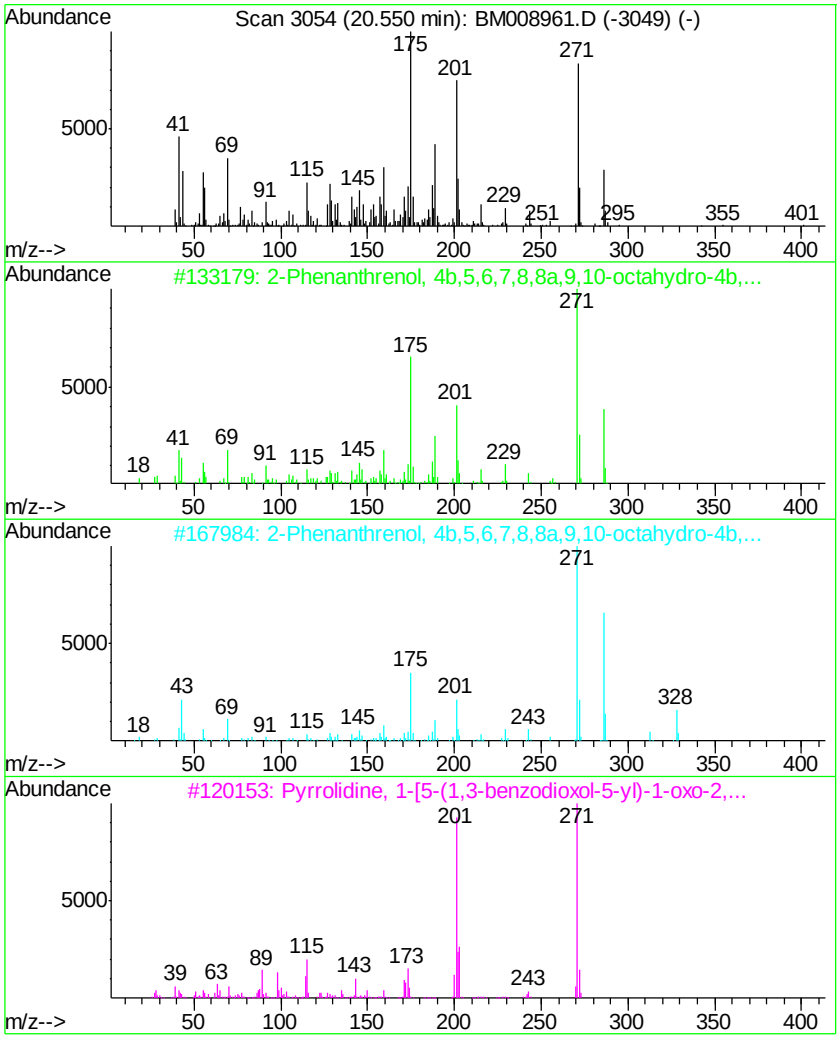
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

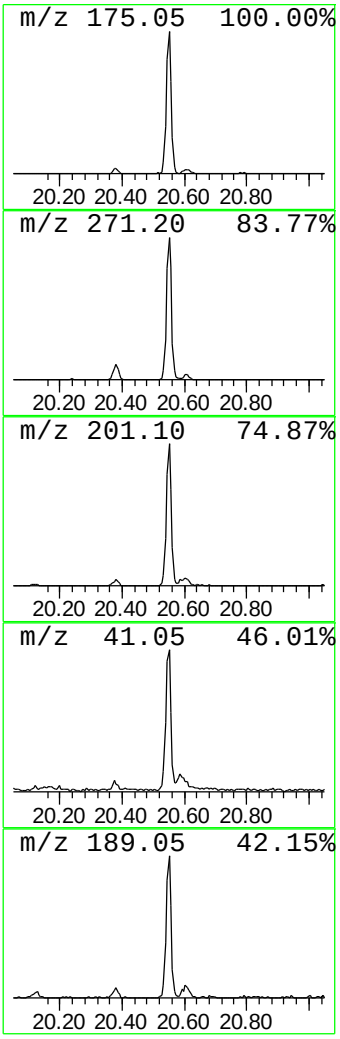
****

Peak Number 4 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	17.72 ng/ul	1412560	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	95
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	64
3	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	43
4	Quinuclidin-3-one, 2-(4-dimethyl...	271	C16H21N3O	1000266-14-6	25
5	Crinan-1-ol, 2,3-didehydro-,(1.a...	271	C16H17NO3	1000111-31-3	22





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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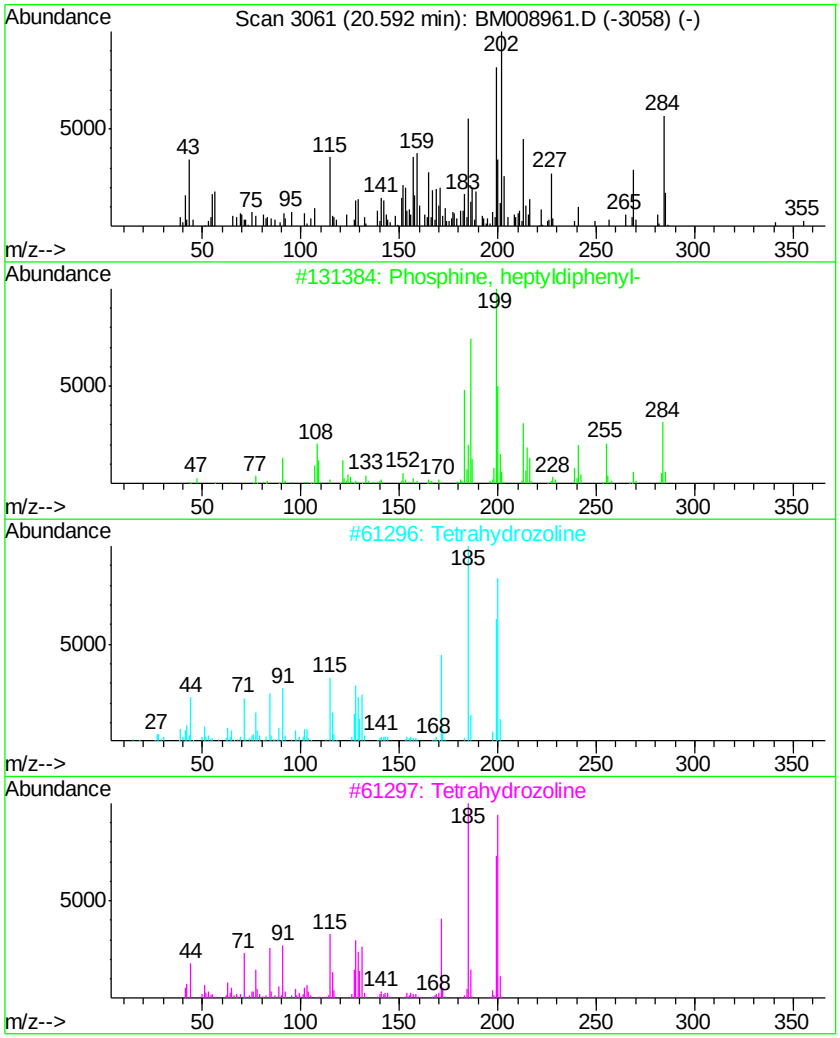
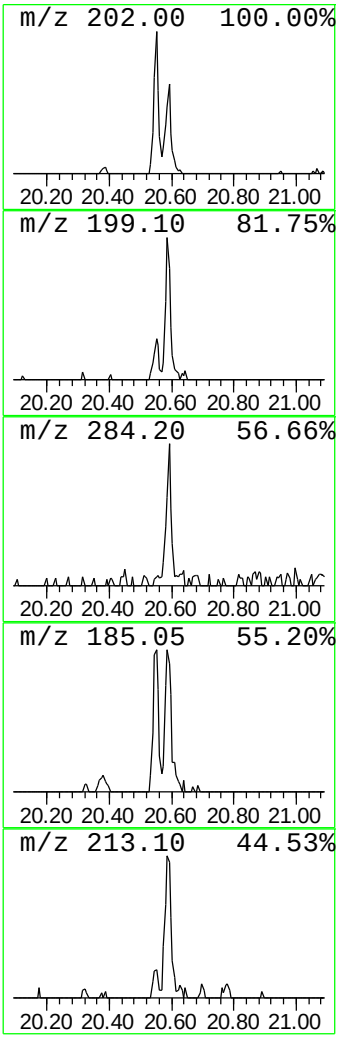
****

Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	4.16 ng/ul	331798	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine, heptyldiphenyl-	284	C19H25P	077423-30-4	38
2	Tetrahydrozoline	200	C13H16N2	000084-22-0	25
3	Tetrahydrozoline	200	C13H16N2	000084-22-0	22
4	2-Benzyl-6-methyl-4(3H)-pyrimidi...	200	C12H12N2O	016673-85-1	22
5	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	22





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Instrument : BNA_M
ClientSampleId : H0FJ4MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

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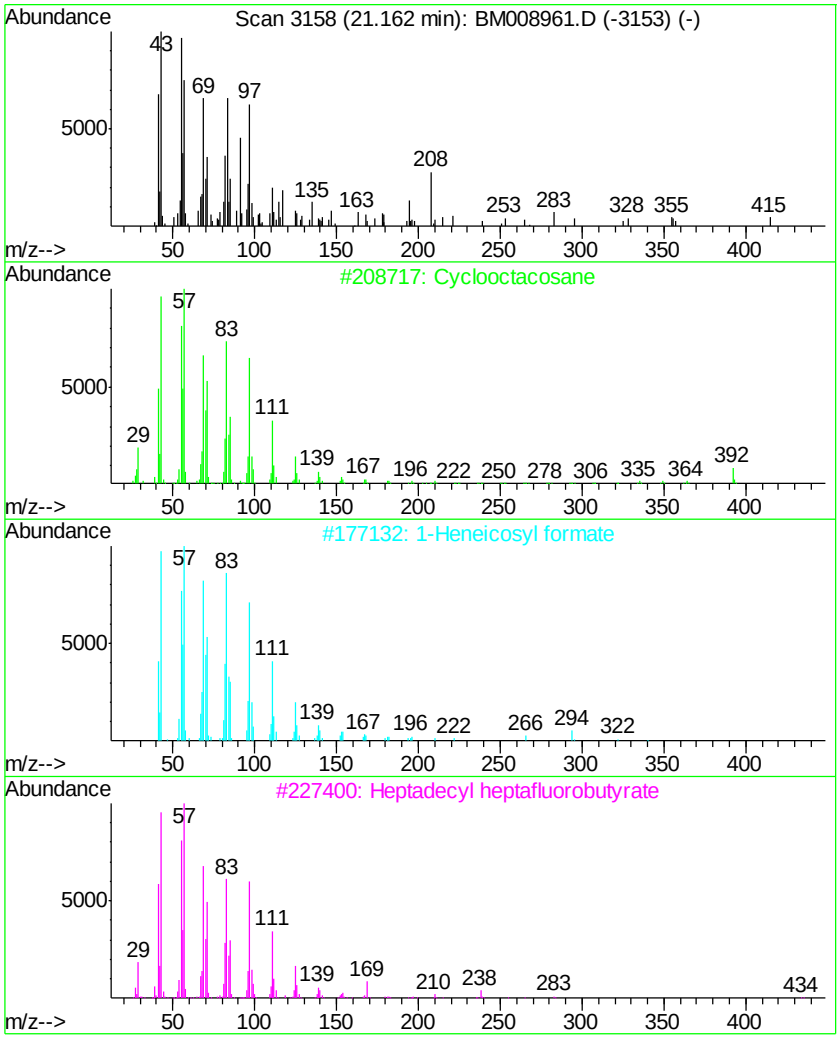
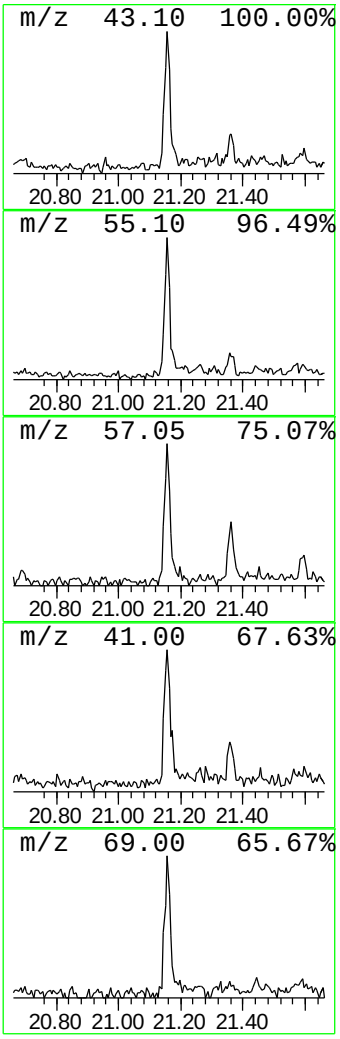
Peak Number 6 (DEL) Alkane: Cyclic21.16 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.67 ng/ul	212729	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	87
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	83





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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
Benzene, 1,2,3-tr...	10.57	28.5	ng/ul	1142700	2	10.72	802084	20.0
n-Hexadecanoic acid	18.17	3.0	ng/ul	201387	4	17.30	1319870	20.0
unknown-01	19.93	2.1	ng/ul	166766	5	21.47	1594270	20.0
2-Phenanthrenol, ...	20.55	17.7	ng/ul	1412560	5	21.47	1594270	20.0
unknown-02	20.59	4.2	ng/ul	331798	5	21.47	1594270	20.0
(DEL) Alkane: Cyc...	21.16	2.7	ng/ul	212729	5	21.47	1594270	20.0