LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012202.D
Acq On : 15 Oct 2017 10:58
Operator : SJ/JU
Sample : I5548-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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-BM101217.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	3.752	108	113	122	rBV	143352	193914	5.05%	0.357%
2	5.005	320	326	334	rBV	31328	62326	1.62%	0.115%
3	6.981	652	662	677	rBV	479104	947359	24.69%	1.744%
4	7.140	683	689	703	rBV	353629	591587	15.42%	1.089%
5	7.340	717	723	732	rBV	534782	924185	24.08%	1.702%
6	7.810	797	803	812	rBV	590909	973857	25.38%	1.793%
7	8.528	917	925	941	rBV	575863	1070439	27.90%	1.971%
8	8.981	994	1002	1015	rBV	501476	909600	23.70%	1.675%
9	9.098	1015	1022	1034	rVB6	20737	56338	1.47%	0.104%
10	9.698	1118	1124	1135	rBV	439854	802788	20.92%	1.478%
11	10.245	1210	1217	1237	rBV	684363	1370746	35.72%	2.524%
12	10.610	1273	1279	1285	rBV	846827	1428877	37.24%	2.631%
13	10.663	1285	1288	1297	rVB2	47753	77529	2.02%	0.143%
14	10.763	1297	1305	1320	rBV2	205132	494739	12.89%	0.911%
15	12.281	1559	1563	1571	rVB	41926	68775	1.79%	0.127%
16	12.504	1595	1601	1611	rVB	37547	70198	1.83%	0.129%
17	13.639	1784	1794	1800	rBV4	26904	74118	1.93%	0.136%
18	13.780	1812	1818	1823	rBV3	51940	96922	2.53%	0.178%
19	13.869	1823	1833	1837	rVV	1485639	2124482	55.37%	3.912%
20	13.916	1837	1841	1848	rVB	574168	823692	21.47%	1.517%
21	14.157	1875	1882	1896	rBV	1675574	2618720	68.25%	4.822%
22	14.339	1909	1913	1919	rVB2	39476	52082	1.36%	0.096%
23	14.463	1922	1934	1940	rBV2	1369028	2130247	55.52%	3.922%
24	14.527	1940	1945	1955	rVB2	132819	224582	5.85%	0.414%
25	14.692	1964	1973	1983	rBV	299003	657576	17.14%	1.211%
26	14.863	1993	2002	2011	rBV3	99153	249428	6.50%	0.459%
27	14.939	2011	2015	2026	rVB4	28966	64709	1.69%	0.119%
28	15.133	2043	2048	2053	rBV2	25555	38914	1.01%	0.072%
29	15.245	2060	2067	2070	rBV5	26564	53290	1.39%	0.098%
30	15.286	2070	2074	2080	rVB3	78321	122393	3.19%	0.225%
31	15.457	2096	2103	2108	rBV	2234037	3126753	81.48%	5.757%
32	15.516	2108	2113	2123	rVB	161400	275431	7.18%	0.507%
33	15.604	2123	2128	2137	rBV3	196919	367656	9.58%	0.677%
34	15.674	2137	2140	2142	rBV4	32150	44397	1.16%	0.082%

LSC Area Percent Report

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Acq On : 15 Oct 2017 10:58
Operator : SJ/JU
Sample : I5548-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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-BM101217.M
Title : SVOA CALIBRATION

35	15.804	2158	2162	2168	rVB2	46169	75831	1.98%	0.140%
36	15.951	2184	2187	2195	rVB	45002	78950	2.06%	0.145%
37	16.151	2216	2221	2224	rBV	86687	134131	3.50%	0.247%
38	16.516	2276	2283	2288	rVB5	34961	88248	2.30%	0.162%
39	16.604	2294	2298	2303	rVB8	33767	44763	1.17%	0.082%
40	16.739	2313	2321	2325	rBV8	38804	113029	2.95%	0.208%
41	16.868	2339	2343	2349	rVB	73541	113826	2.97%	0.210%
42	16.945	2350	2356	2362	rBV5	94902	209923	5.47%	0.387%
43	17.027	2367	2370	2377	rVB	95699	146022	3.81%	0.269%
44	17.092	2377	2381	2388	rBV2	91798	134019	3.49%	0.247%
45	17.157	2389	2392	2395	rBV4	62845	75393	1.96%	0.139%
46	17.210	2395	2401	2405	rBV2	1632229	2378116	61.98%	4.379%
47	17.251	2405	2408	2413	rVV	1809821	2532436	66.00%	4.663%
48	17.310	2413	2418	2422	rVV2	2181938	3192545	83.20%	5.879%
49	17.345	2422	2424	2431	rVB	338591	404608	10.54%	0.745%
50	17.621	2464	2471	2477	rBV2	132004	281738	7.34%	0.519%
51	18.086	2545	2550	2555	rBV2	1082904	1553862	40.49%	2.861%
52	18.133	2555	2558	2562	rVB	285485	384517	10.02%	0.708%
53	18.215	2569	2572	2577	rVB	101253	141493	3.69%	0.261%
54	18.280	2578	2583	2587	rVV3	323622	616823	16.07%	1.136%
55	18.315	2587	2589	2596	rVB	169315	218067	5.68%	0.402%
56	18.386	2598	2601	2606	rVB6	69782	110555	2.88%	0.204%
57	18.586	2631	2635	2640	rBV	162273	269397	7.02%	0.496%
58	18.639	2641	2644	2649	rVB2	147035	188440	4.91%	0.347%
59	19.004	2703	2706	2710	rVB2	135333	168177	4.38%	0.310%
60	19.268	2746	2751	2756	rBV	2435775	3186833	83.05%	5.868%
61	19.368	2764	2768	2772	rBV	582244	798948	20.82%	1.471%
62	19.604	2803	2808	2811	rBV	2568717	3837215	100.00%	7.066%
63	19.633	2811	2813	2820	rVB	2103608	2414763	62.93%	4.446%
64	19.927	2859	2863	2866	rBV3	258413	411645	10.73%	0.758%
65	21.074	3056	3058	3062	rVB2	586580	641242	16.71%	1.181%
66	21.386	3106	3111	3115	rBV2	1890507	3612277	94.14%	6.651%
67	21.427	3115	3118	3124	rVB	1019028	1217403	31.73%	2.242%
68	23.003	3383	3386	3392	rBV	799534	1344951	35.05%	2.476%

Sum of corrected areas: 54308835

LSC Report - Integrated Chromatogram

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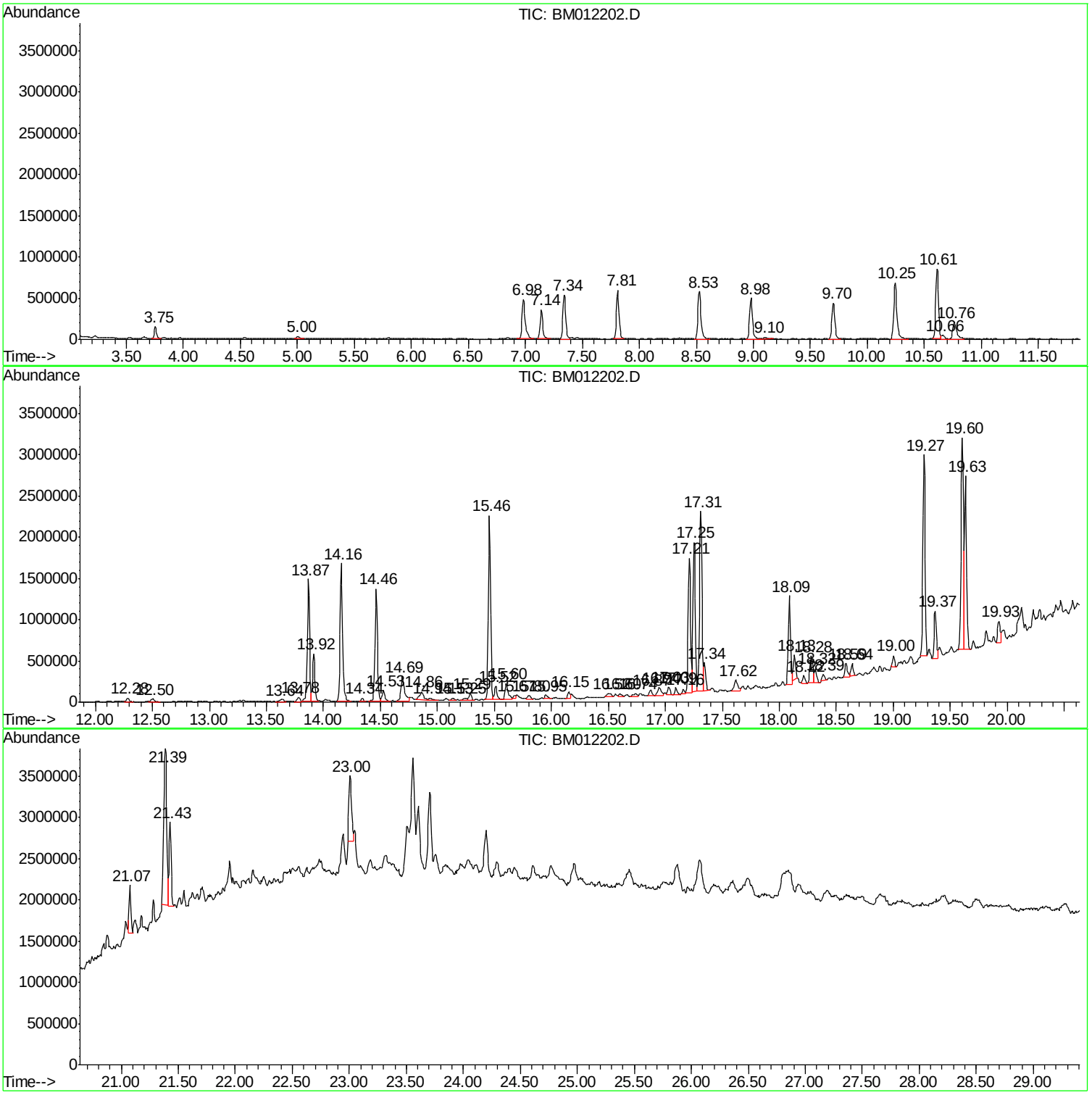
Data File : BM012202.D
Acq On : 15 Oct 2017 10:58
Operator : SJ/JU
Sample : I5548-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
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Quant Title : SVOA CALIBRATION

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

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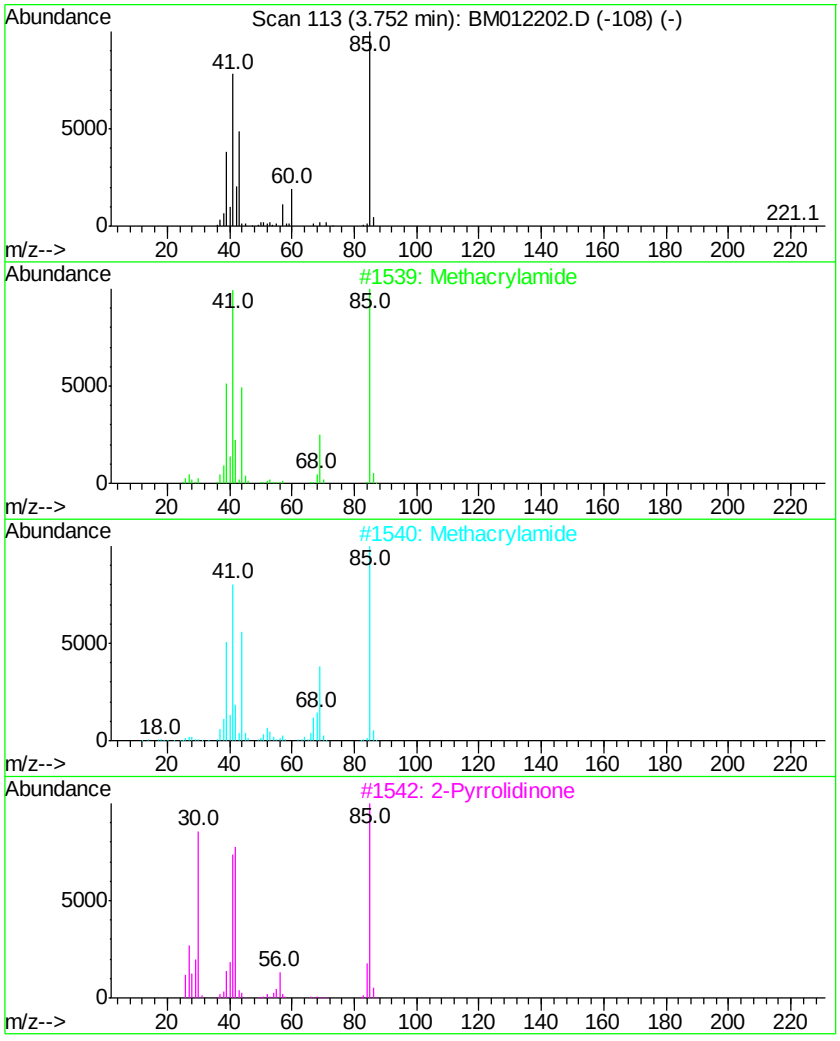
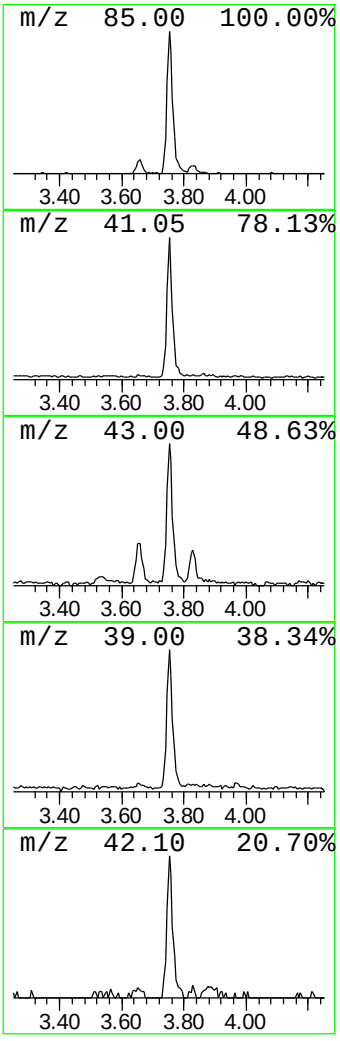
Peak Number 1 Methacrylamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	3.98 ng/ul	193914	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	72
2	Methacrylamide	85	C4H7NO	000079-39-0	50
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	9
5	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9





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Data File : BM012202.D
Acq On : 15 Oct 2017 10:58
Operator : SJ/JU
Sample : I5548-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

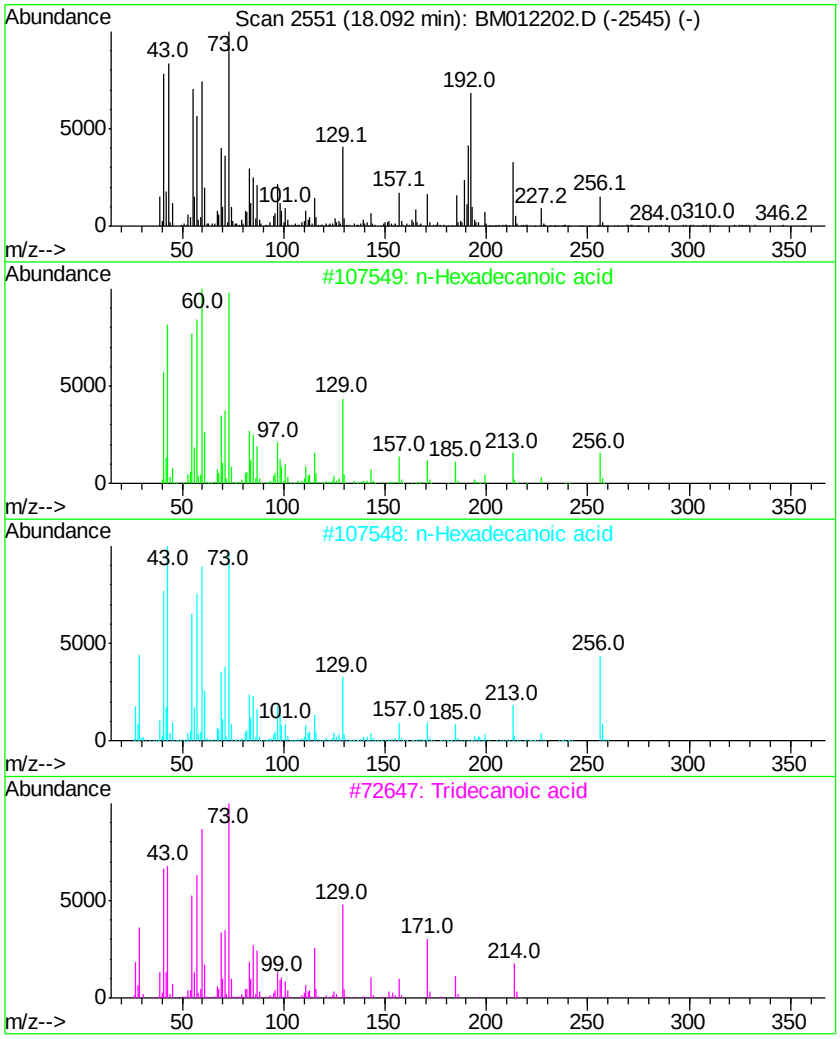
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

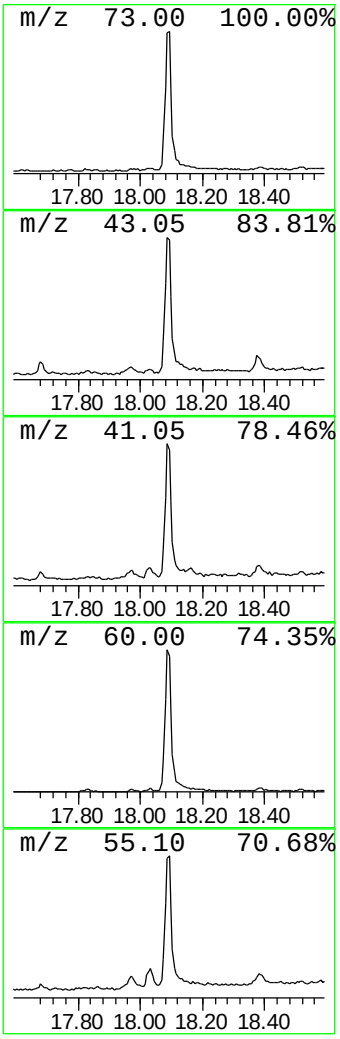
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	13.07 ng/ul	1553860	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	78
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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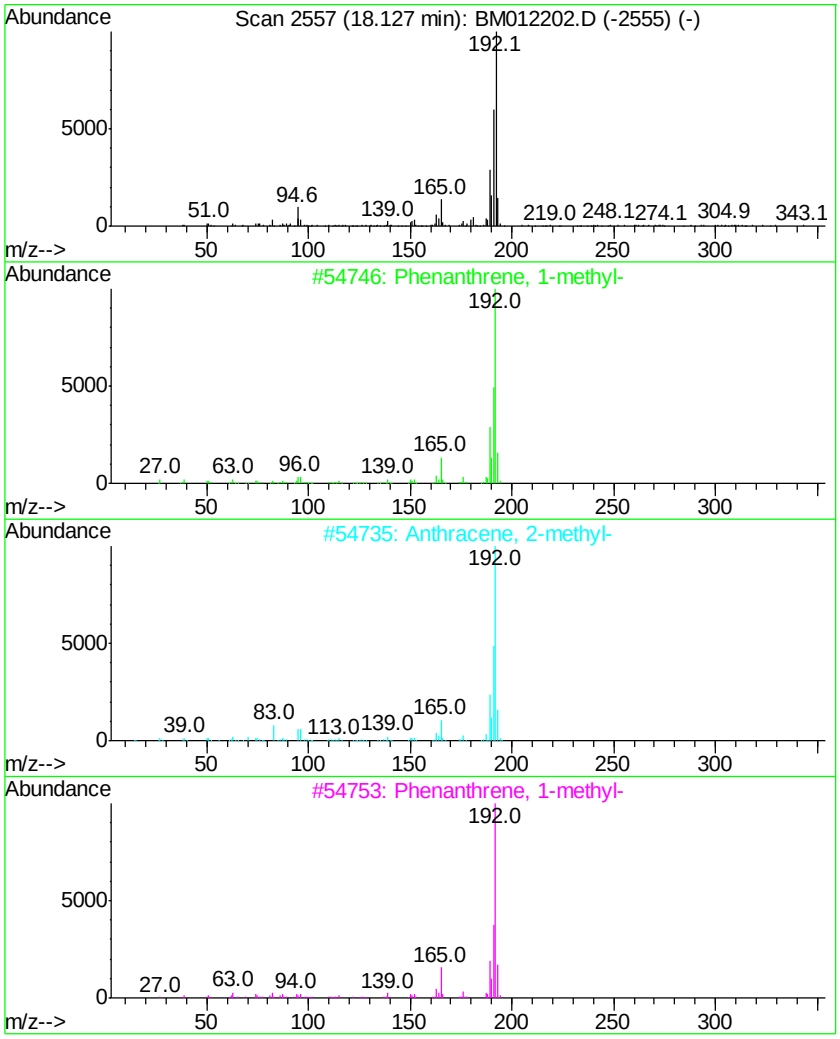
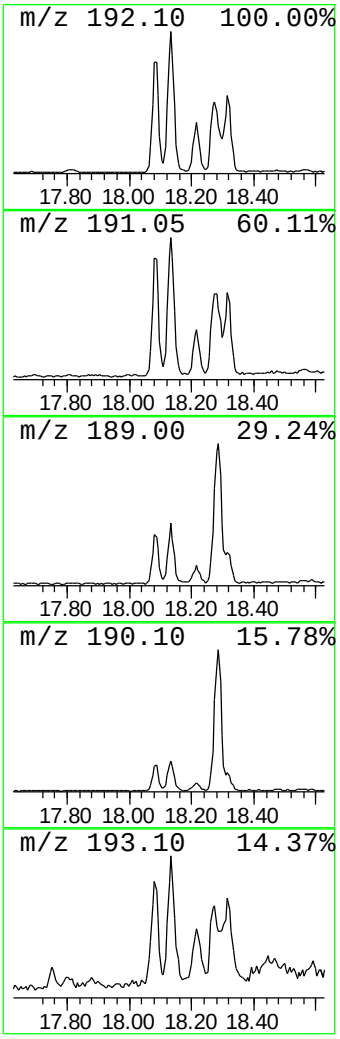
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	3.23 ng/ul	384517	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
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Acq On : 15 Oct 2017 10:58
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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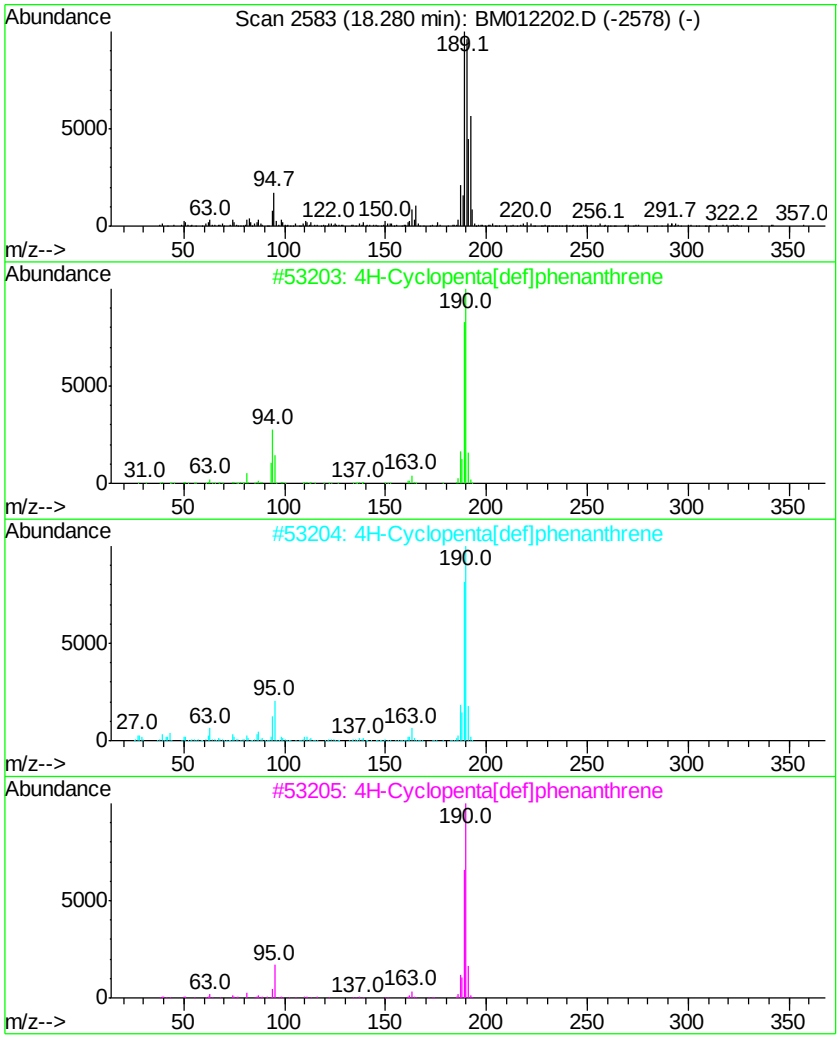
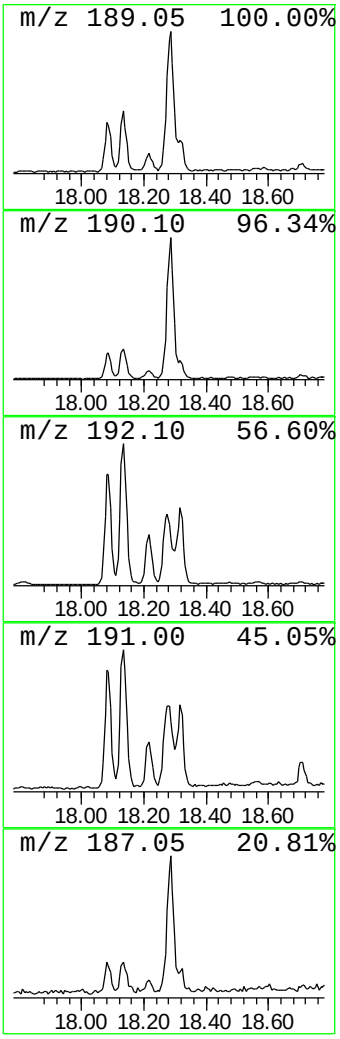
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	5.19 ng/ul	616823	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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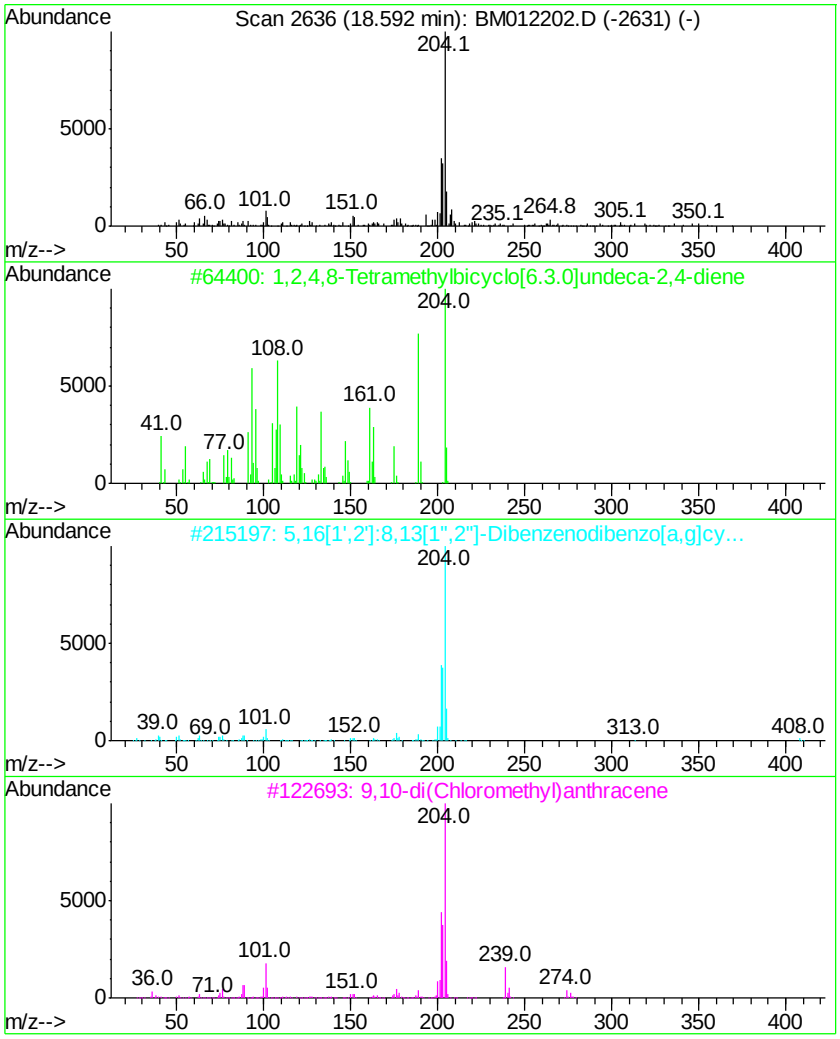
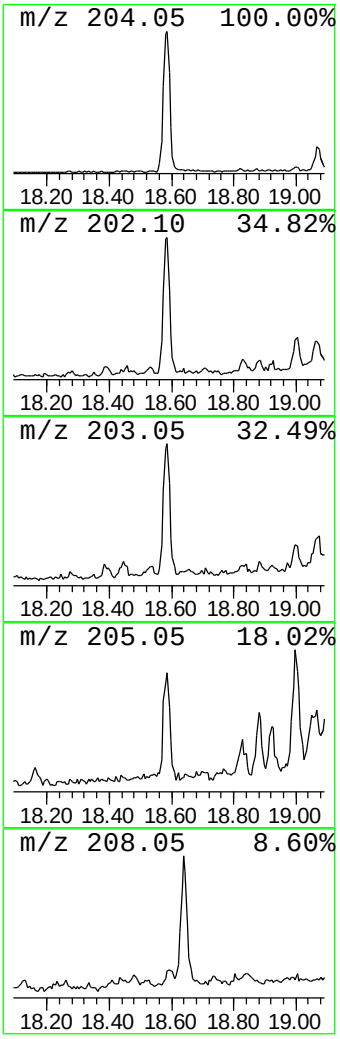
Peak Number 6 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.27 ng/ul	269397	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Quant Title : SVOA CALIBRATION

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

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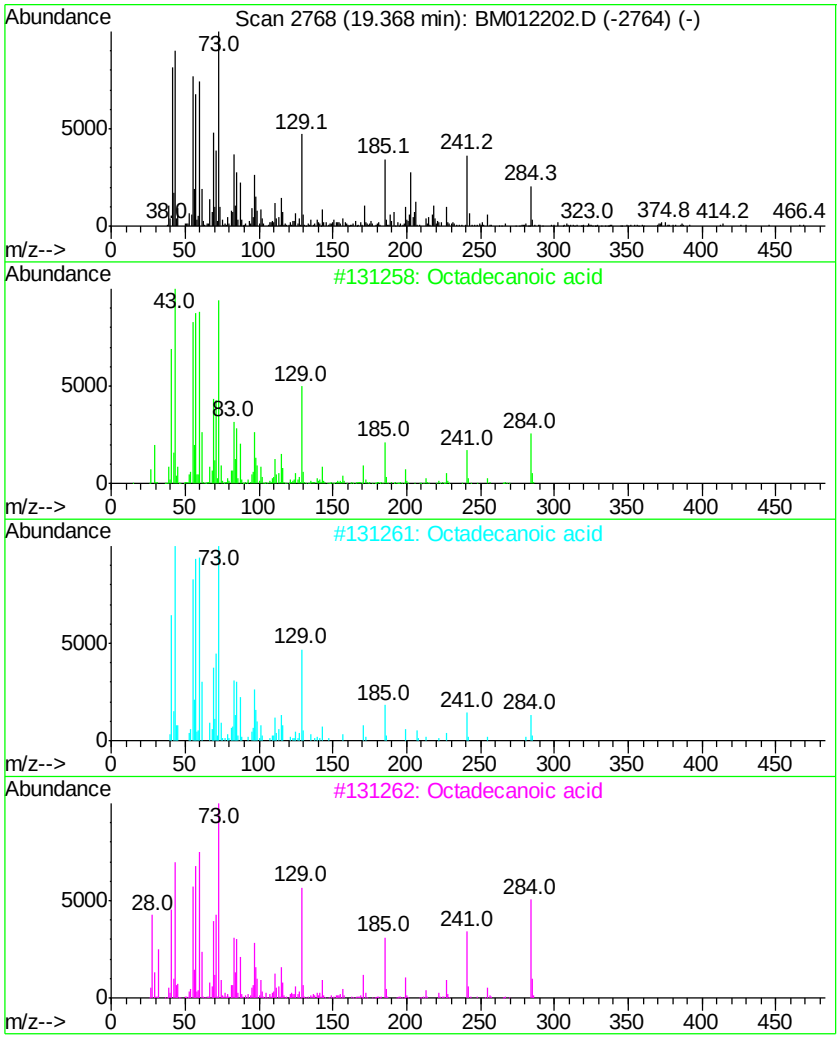
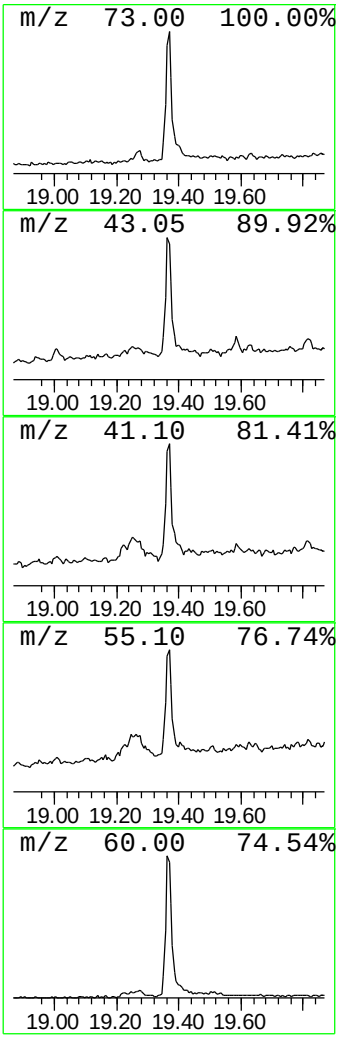
Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	4.42 ng/ul	798948	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





Library Search Compound Report

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Data File : BM012202.D
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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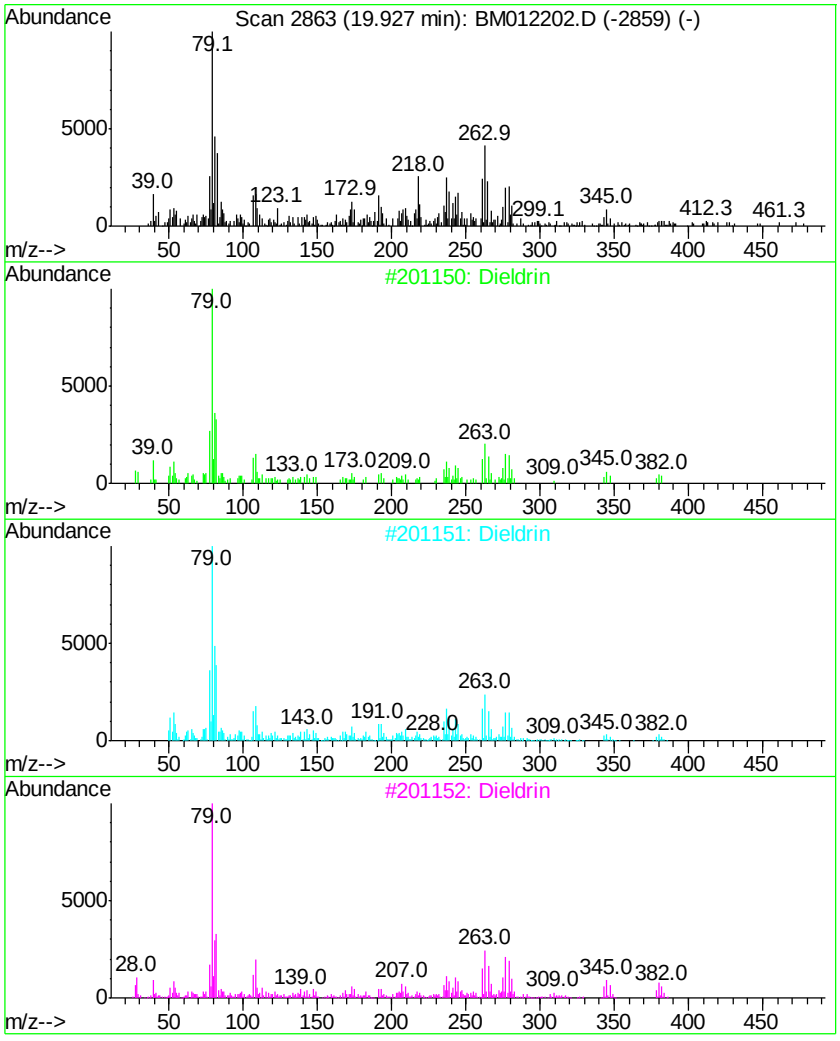
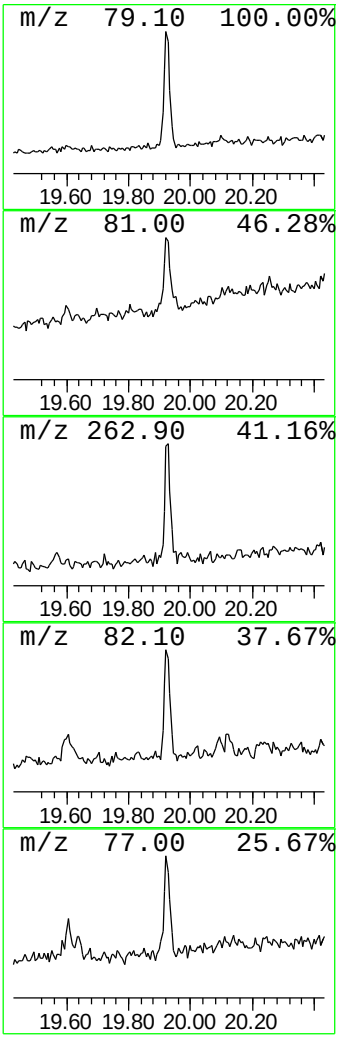
Peak Number 8 Dieldrin Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.28 ng/ul	411645	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	95
2	Dieldrin	378	C12H8Cl6O	000060-57-1	94
3	Dieldrin	378	C12H8Cl6O	000060-57-1	93
4	Dieldrin	378	C12H8Cl6O	000060-57-1	93
5	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	22





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Data File : BM012202.D
Acq On : 15 Oct 2017 10:58
Operator : SJ/JU
Sample : I5548-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

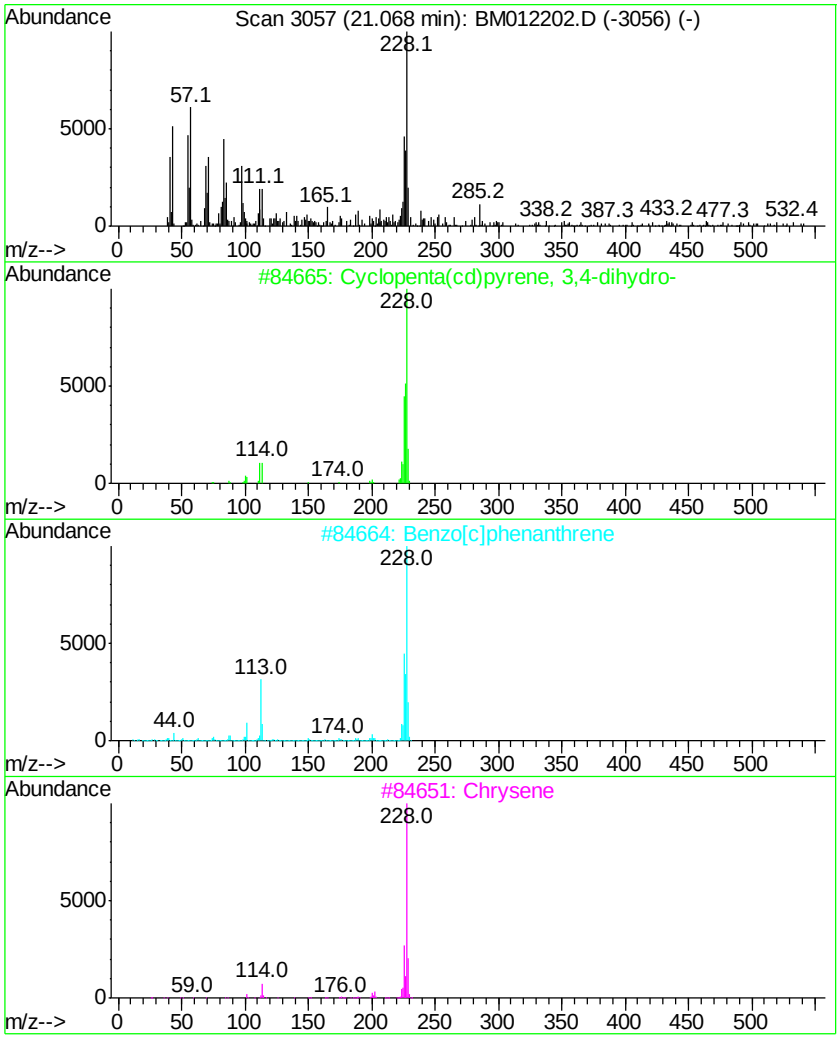
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

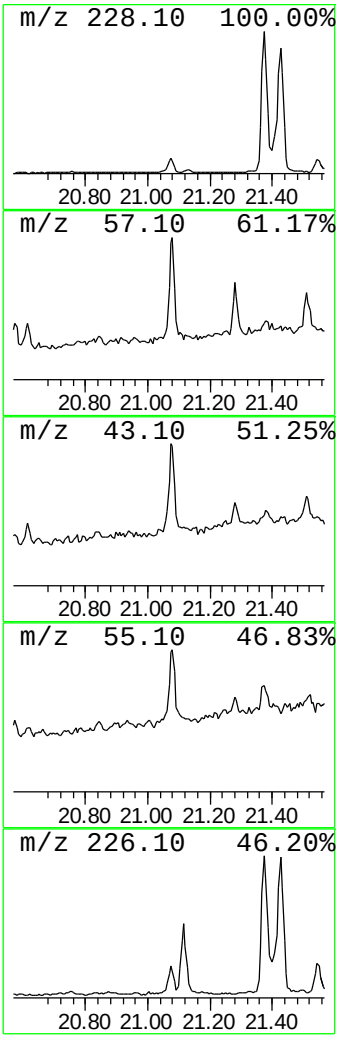
****

Peak Number 9 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.55 ng/ul	641242	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	42
3	Chrysene	228	C18H12	000218-01-9	38
4	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	35
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	30





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM101417\
Data File : BM012202.D
Acq On : 15 Oct 2017 10:58
Operator : SJ/JU
Sample : I5548-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
Methacrylamide	3.75	4.0	ng/ul	193914	1	7.81	973857	20.0
n-Hexadecanoic acid	18.09	13.1	ng/ul	1553860	4	17.21	2378120	20.0
Phenanthrene, 1-m...	18.13	3.2	ng/ul	384517	4	17.21	2378120	20.0
4H-Cyclopenta[def...	18.28	5.2	ng/ul	616823	4	17.21	2378120	20.0
1,2,4,8-Tetrameth...	18.59	2.3	ng/ul	269397	4	17.21	2378120	20.0
Octadecanoic acid	19.37	4.4	ng/ul	798948	5	21.39	3612280	20.0
Dieldrin	19.93	2.3	ng/ul	411645	5	21.39	3612280	20.0
unknown-01	21.07	3.5	ng/ul	641242	5	21.39	3612280	20.0