LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012161.D
Acq On : 14 Oct 2017 07:27
Operator : SJ/JU
Sample : I5649-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-2

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	3.763	111	115	123	rVB	85826	114766	1.45%	0.131%
2	3.981	148	152	158	rVB	58565	83760	1.06%	0.095%
3	5.810	457	463	470	rVB4	61720	112999	1.43%	0.129%
4	6.292	538	545	551	rBV8	34507	90494	1.14%	0.103%
5	6.351	551	555	559	rVV	70289	95037	1.20%	0.108%
6	6.692	606	613	619	rVB5	46940	115644	1.46%	0.132%
7	6.787	619	629	635	rBV	133223	234851	2.96%	0.267%
8	6.898	642	648	651	rBV2	80191	117727	1.49%	0.134%
9	6.945	651	656	659	rVV3	115120	238141	3.00%	0.271%
10	6.992	659	664	676	rVB	569972	1125821	14.20%	1.282%
11	7.151	683	691	696	rBV	442979	749413	9.45%	0.853%
12	7.287	710	714	719	rVB2	67699	98891	1.25%	0.113%
13	7.351	719	725	733	rVV	665899	1117171	14.09%	1.272%
14	7.422	733	737	739	rVV	100824	136706	1.72%	0.156%
15	7.457	739	743	750	rVV	259440	429323	5.42%	0.489%
16	7.775	792	797	800	rVV	115961	177412	2.24%	0.202%
17	7.822	800	805	818	rVB	1222756	2065963	26.06%	2.353%
18	7.945	818	826	830	rBV3	115301	287962	3.63%	0.328%
19	8.092	846	851	858	rVB2	81560	137194	1.73%	0.156%
20	8.363	892	897	906	rVB	87135	164890	2.08%	0.188%
21	8.457	906	913	918	rBV2	85949	155027	1.96%	0.177%
22	8.534	918	926	934	rBV	720956	1256566	15.85%	1.431%
23	8.639	941	944	952	rVB4	58592	102502	1.29%	0.117%
24	8.916	986	991	996	rVB3	101157	167344	2.11%	0.191%
25	8.986	996	1003	1014	rBV	595441	1146647	14.46%	1.306%
26	9.157	1028	1032	1041	rVB8	42647	98664	1.24%	0.112%
27	9.504	1085	1091	1108	rVB5	44664	152052	1.92%	0.173%
28	9.710	1117	1126	1135	rBV	531511	980392	12.37%	1.116%
29	10.251	1212	1218	1228	rBV	777783	1422034	17.94%	1.619%
30	10.622	1274	1281	1287	rBV	1622077	2777079	35.03%	3.162%
31	10.675	1287	1290	1297	rVB	79269	127425	1.61%	0.145%
32	10.769	1297	1306	1323	rBV	295321	648090	8.18%	0.738%
33	11.451	1412	1422	1431	rBV3	63145	158075	1.99%	0.180%
34	13.880	1825	1835	1839	rBV	1415961	2113652	26.66%	2.407%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-2

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	13.927	1839	1843	1850	rVB	587347	838215	10.57%	0.955%
36	14.168	1877	1884	1900	rBV	1713666	2743258	34.61%	3.124%
37	14.351	1907	1915	1923	rVB3	69080	126339	1.59%	0.144%
38	14.474	1929	1936	1943	rBV2	2408737	3587614	45.26%	4.085%
39	14.698	1967	1974	1985	rBV	248839	547961	6.91%	0.624%
40	14.874	2001	2004	2014	rVB3	70483	133905	1.69%	0.152%
41	15.304	2072	2077	2081	rVB	91432	124090	1.57%	0.141%
42	15.468	2098	2105	2111	rBV	1986234	2897063	36.55%	3.299%
43	15.610	2124	2129	2138	rBV	344515	538869	6.80%	0.614%
44	15.704	2139	2145	2151	rVV5	45766	100218	1.26%	0.114%
45	16.162	2219	2223	2241	rBV5	122926	289310	3.65%	0.329%
46	16.956	2354	2358	2362	rVV2	83254	118815	1.50%	0.135%
47	17.221	2397	2403	2407	rBV2	2599886	3708768	46.79%	4.223%
48	17.262	2407	2410	2415	rVV	764309	994543	12.55%	1.133%
49	17.321	2415	2420	2424	rVV	1833290	2679521	33.80%	3.051%
50	17.351	2424	2425	2430	rVB	294485	310582	3.92%	0.354%
51	18.098	2547	2552	2557	rBV2	2213313	3060221	38.60%	3.485%
52	18.221	2571	2573	2579	rVB	113843	160327	2.02%	0.183%
53	18.292	2580	2585	2589	rBV2	208617	414906	5.23%	0.472%
54	18.592	2634	2636	2640	rVB	148312	159233	2.01%	0.181%
55	19.015	2704	2708	2711	rBV2	245235	351800	4.44%	0.401%
56	19.280	2747	2753	2757	rBV	2625163	3672434	46.33%	4.182%
57	19.321	2758	2760	2765	rVB2	240889	296059	3.73%	0.337%
58	19.380	2766	2770	2775	rBV	1659847	2134604	26.93%	2.431%
59	19.615	2805	2810	2812	rBV2	2323221	3353397	42.30%	3.819%
60	19.645	2812	2815	2823	rVB	2420353	3186932	40.20%	3.629%
61	20.133	2895	2898	2904	rVB	600998	829213	10.46%	0.944%
62	20.233	2912	2915	2919	rBV	471867	637777	8.05%	0.726%
63	21.086	3057	3060	3064	rVB2	893543	1005238	12.68%	1.145%
64	21.391	3107	3112	3117	rBV2	3853374	7927175	100.00%	9.027%
65	21.439	3117	3120	3128	rVB	2547622	3217515	40.59%	3.664%
66	23.021	3383	3389	3394	rBV	3398140	7734977	97.58%	8.808%
67	23.521	3469	3474	3478	rBV	1624548	2897567	36.55%	3.300%
68	23.621	3487	3491	3500	rVB	2842954	5033460	63.50%	5.732%
69	23.721	3503	3508	3513	rBV	1670735	3003805	37.89%	3.421%

Sum of corrected areas: 87815425

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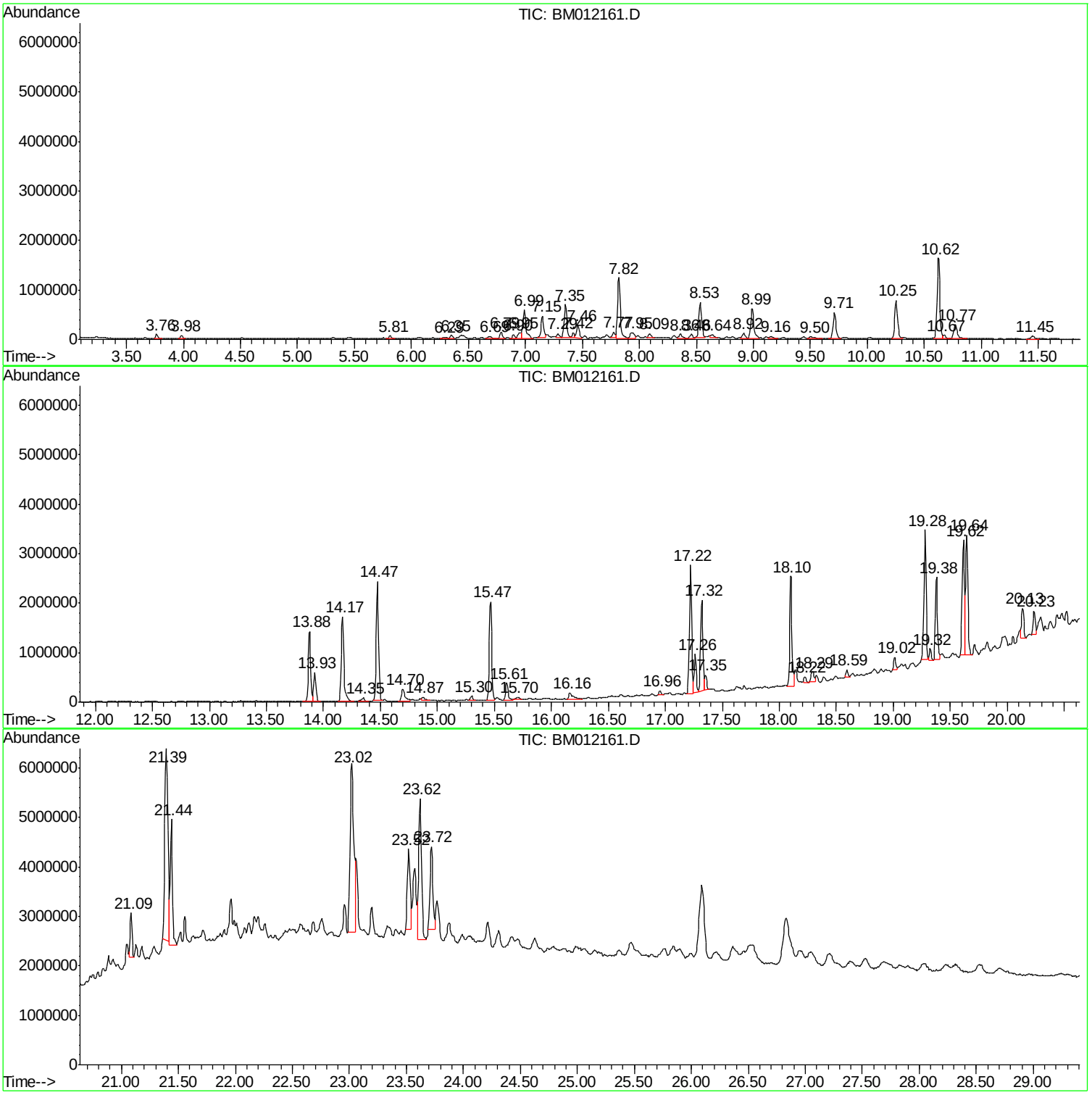
BNA_M
ClientSampleId :
DUP-2

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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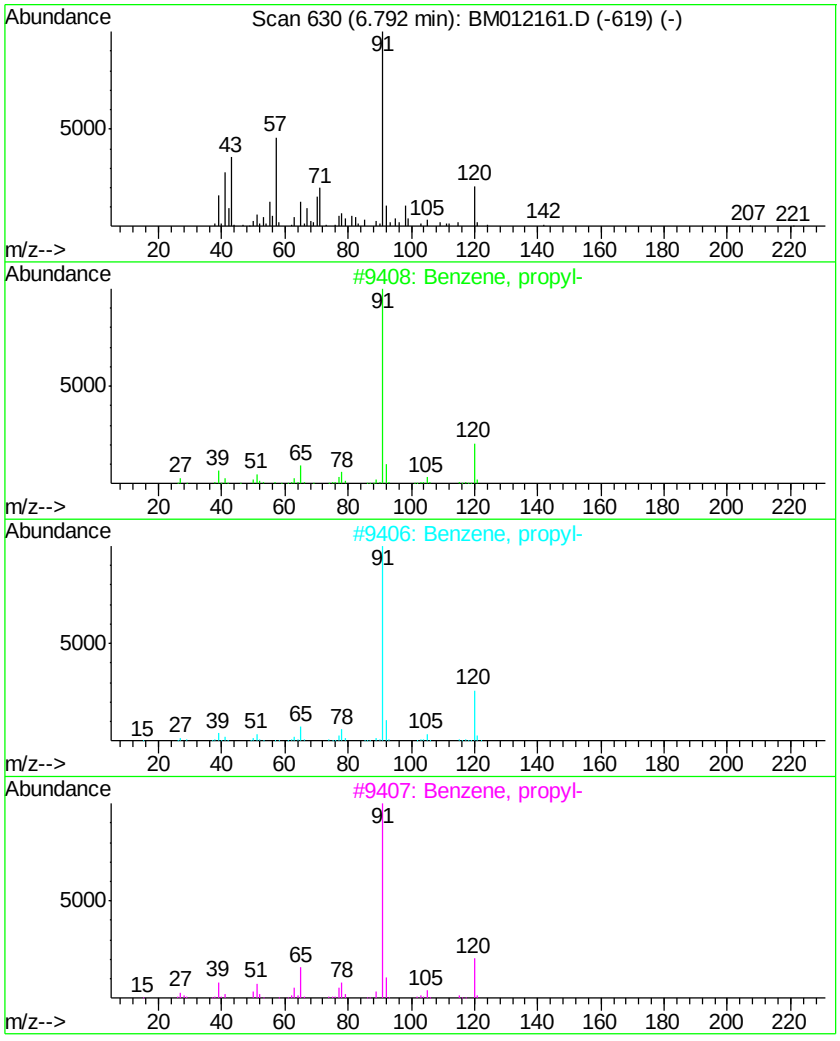
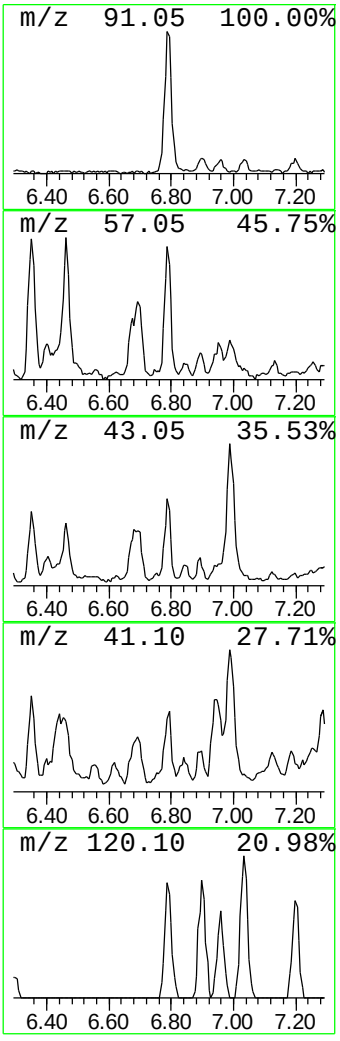
Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.27 ng/ul	234851	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	42
2	Benzene, propyl-	120	C9H12	000103-65-1	42
3	Benzene, propyl-	120	C9H12	000103-65-1	42
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	27
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	27





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-2

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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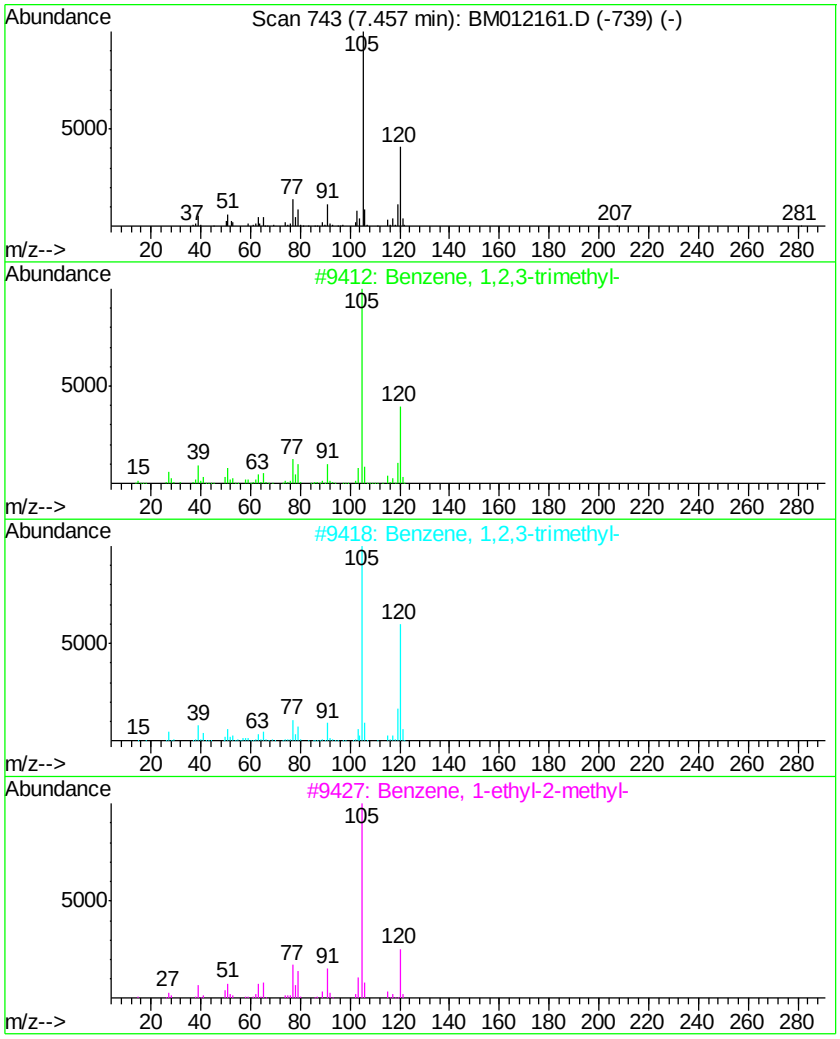
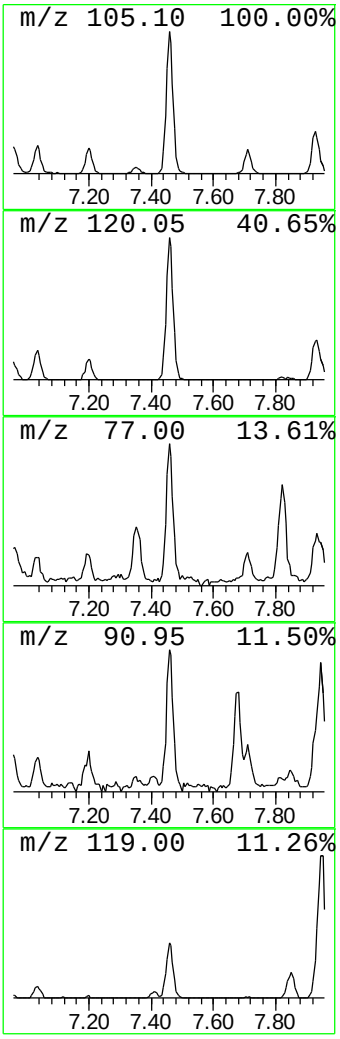
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	4.16 ng/ul	429323	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : I5649-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-2

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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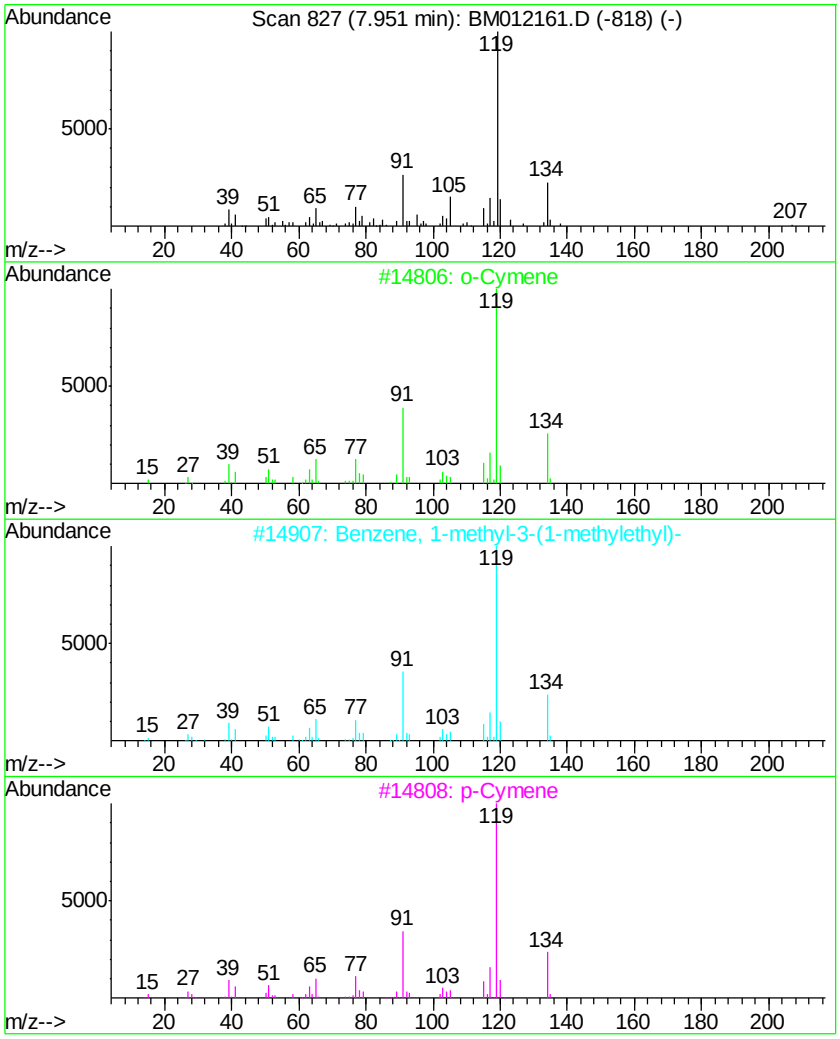
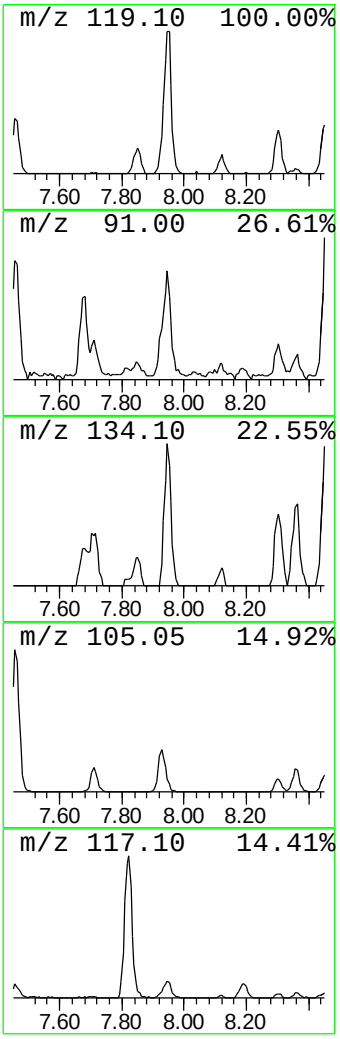
Peak Number 3 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	2.79 ng/ul	287962	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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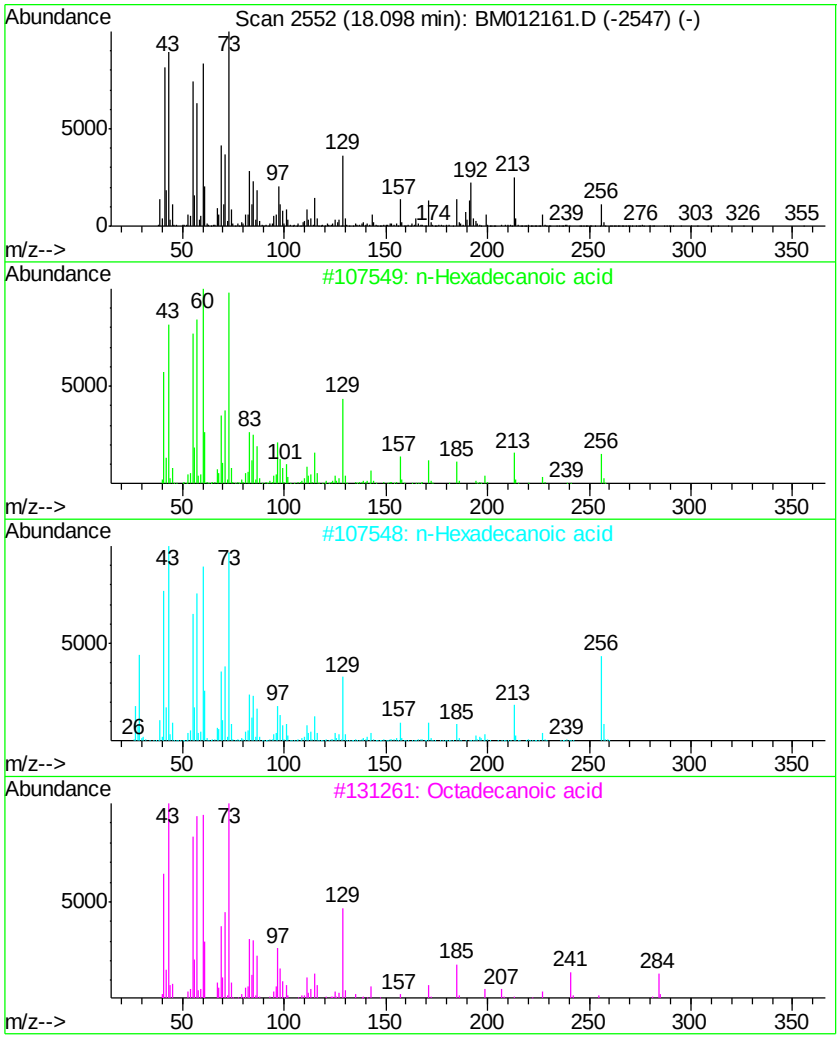
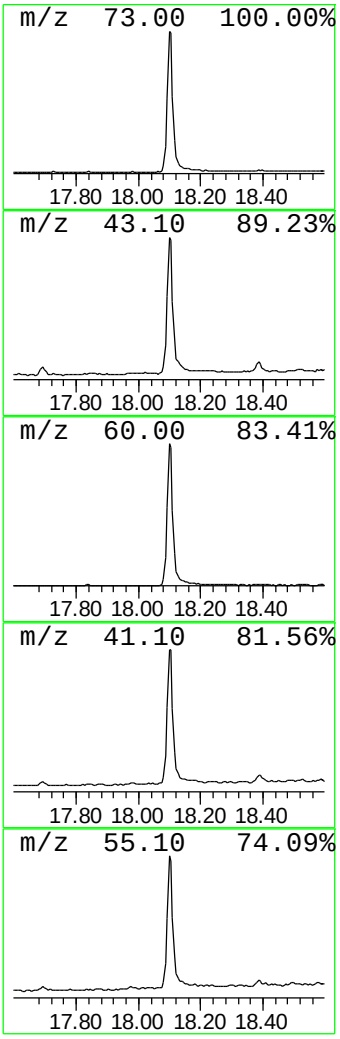
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	16.50 ng/ul	3060220	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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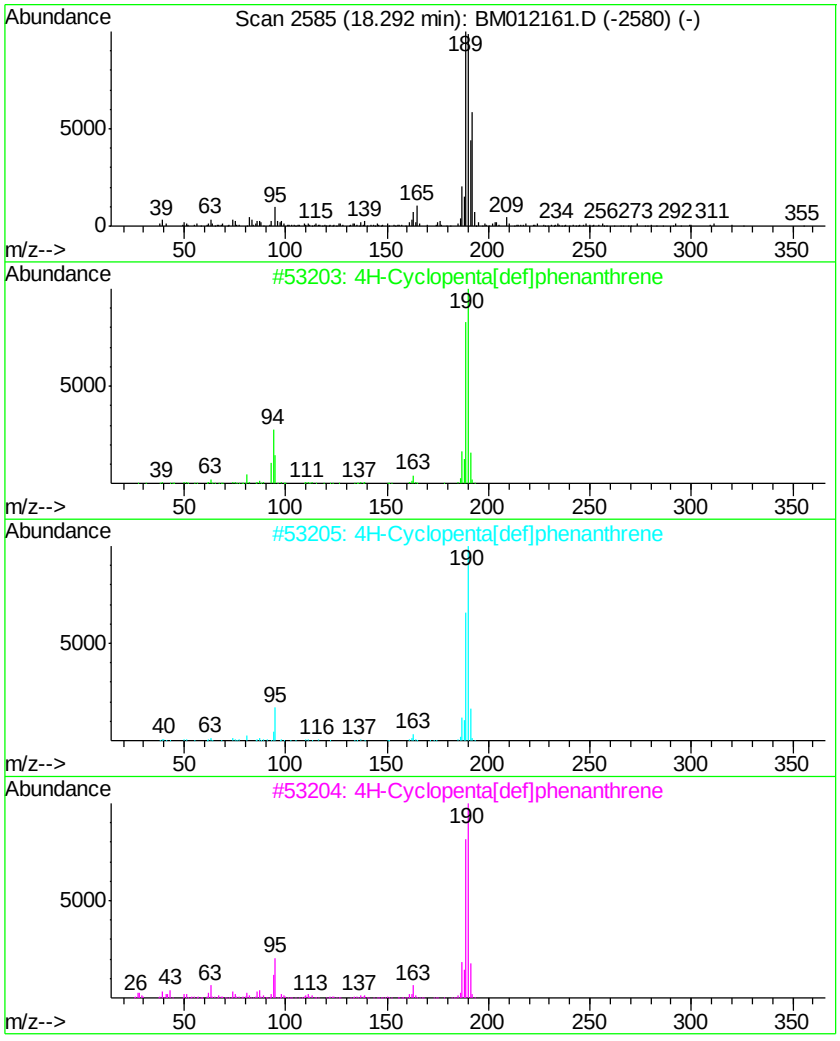
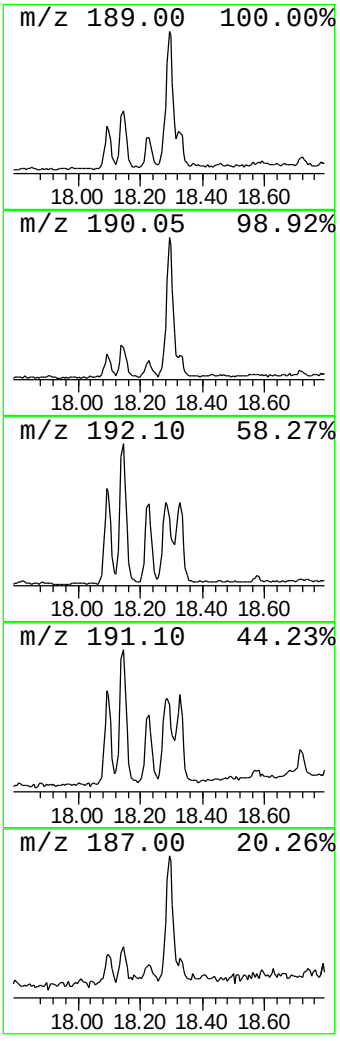
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.24 ng/ul	414906	Phenanthrene-d10	17.22

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	62
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43





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TIC Library : C:\DATABASE\NIST11.L
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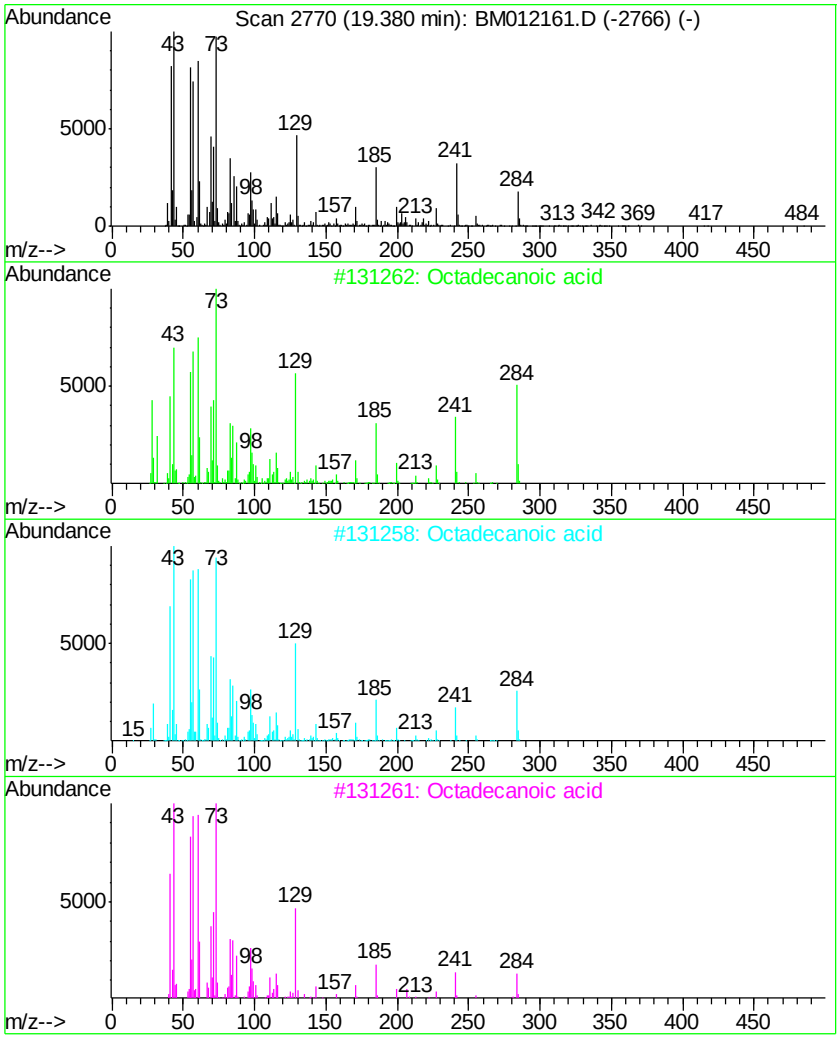
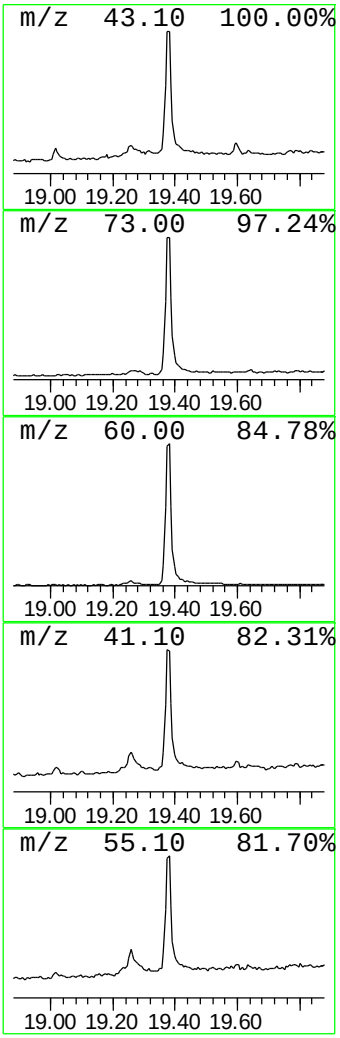
Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	5.39 ng/ul	2134600	Chrysene-d12	21.40

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-2

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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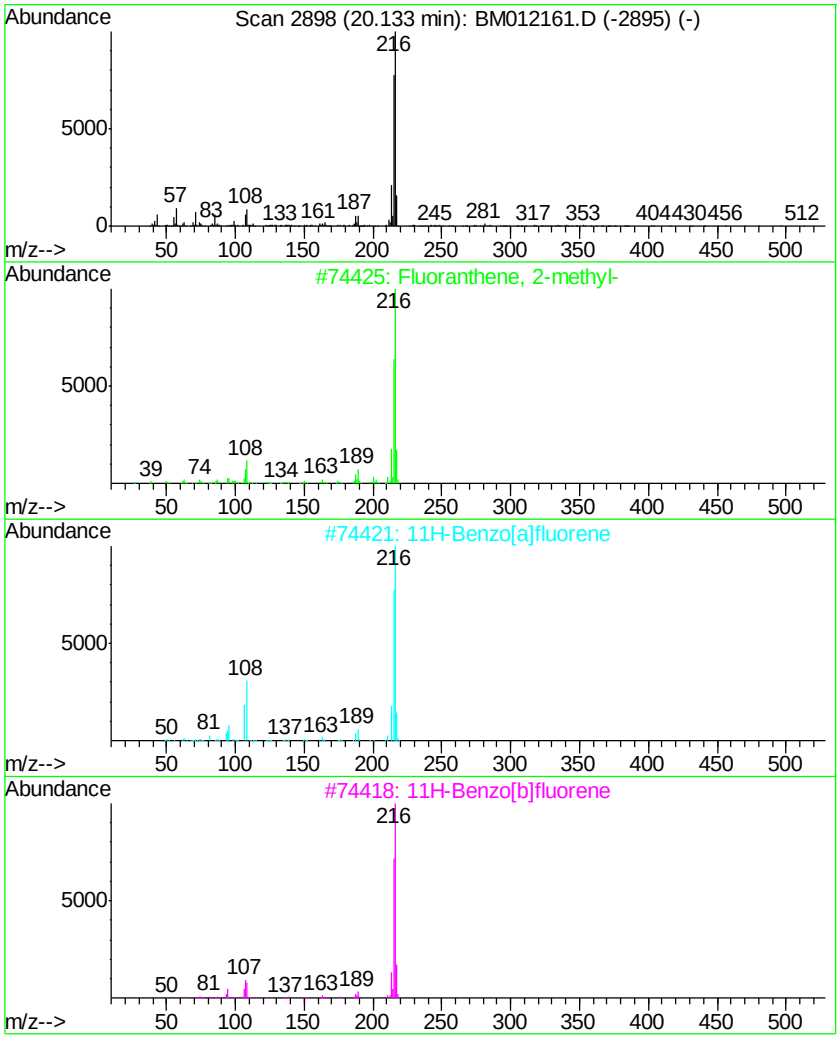
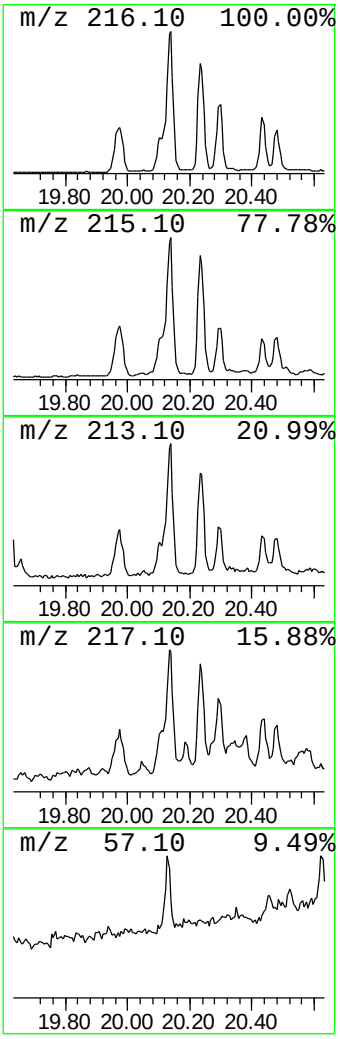
Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	2.09 ng/ul	829213	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





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Data File : BM012161.D
Acq On : 14 Oct 2017 07:27
Operator : SJ/JU
Sample : I5649-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-2

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

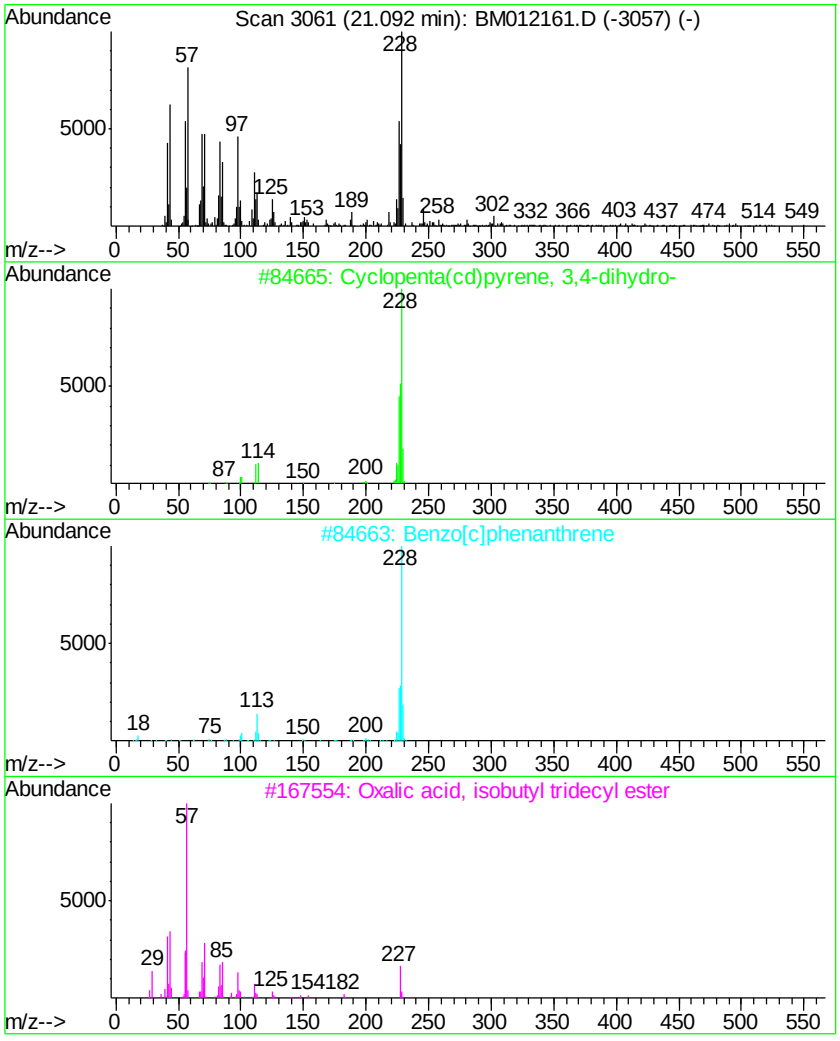
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

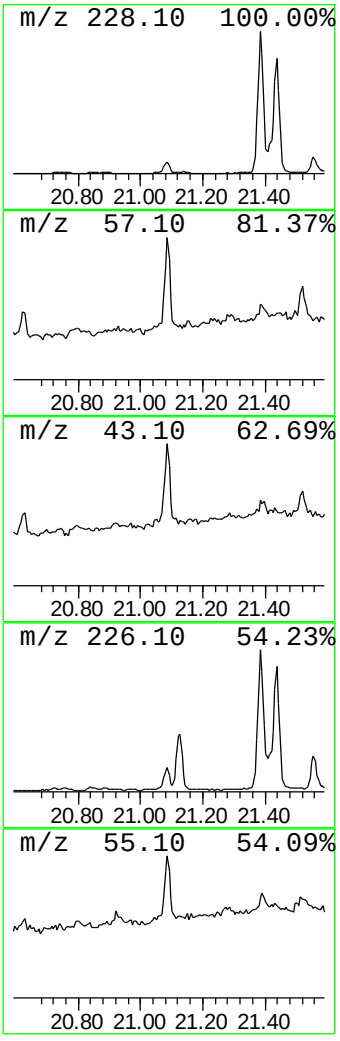
****

Peak Number 8 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.54 ng/ul	1005240	Chrysene-d12	21.40

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	38
3	Oxalic acid, isobutyl tridecyl e...	328	C19H36O4	1000309-37-8	38
4	Chrysene	228	C18H12	000218-01-9	35
5	Triphenylene	228	C18H12	000217-59-4	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012161.D
Acq On : 14 Oct 2017 07:27
Operator : SJ/JU
Sample : I5649-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-2

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
unknown-01	6.79	2.3	ng/ul	234851	1	7.82	2065960	20.0
Benzene, 1,2,3-tr...	7.46	4.2	ng/ul	429323	1	7.82	2065960	20.0
o-Cymene	7.95	2.8	ng/ul	287962	1	7.82	2065960	20.0
n-Hexadecanoic acid	18.10	16.5	ng/ul	3060220	4	17.22	3708770	20.0
4H-Cyclopenta[def...	18.29	2.2	ng/ul	414906	4	17.22	3708770	20.0
Octadecanoic acid	19.38	5.4	ng/ul	2134600	5	21.40	7927180	20.0
Fluoranthene, 2-m...	20.13	2.1	ng/ul	829213	5	21.40	7927180	20.0
unknown-02	21.09	2.5	ng/ul	1005240	5	21.40	7927180	20.0