LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

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-BM110417MA.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	6.981	656	662	677	rVB	417022	741682	9.62%	0.814%
2	7.134	680	688	701	rVB	324320	508334	6.59%	0.558%
3	7.340	717	723	734	rVB	445270	716759	9.29%	0.786%
4	7.799	791	801	809	rBV	465308	746235	9.68%	0.819%
5	8.516	916	923	931	rBV	500043	843997	10.94%	0.926%
6	8.963	992	999	1007	rBV	390513	663910	8.61%	0.728%
7	9.681	1114	1121	1130	rBV	322374	534728	6.93%	0.587%
8	10.222	1206	1213	1222	rBV	586957	971061	12.59%	1.065%
9	10.593	1267	1276	1281	rBV	670010	1101134	14.28%	1.208%
10	10.640	1281	1284	1291	rVB2	66719	107184	1.39%	0.118%
11	10.734	1293	1300	1316	rBV	317753	599408	7.77%	0.658%
12	13.851	1820	1830	1834	rBV	1019196	1427885	18.52%	1.566%
13	13.898	1834	1838	1845	rVB	328695	460650	5.97%	0.505%
14	14.134	1872	1878	1895	rVB2	1143449	2039774	26.45%	2.238%
15	14.439	1921	1930	1937	rBV2	953650	1536164	19.92%	1.685%
16	14.669	1959	1969	1977	rBV	273572	484877	6.29%	0.532%
17	14.839	1994	1998	2008	rVB2	61194	128678	1.67%	0.141%
18	15.434	2093	2099	2105	rBV	1455737	2112512	27.39%	2.317%
19	15.581	2119	2124	2128	rBV	60231	92549	1.20%	0.102%
20	15.716	2144	2147	2155	rVV4	43527	80872	1.05%	0.089%
21	15.798	2155	2161	2167	rVV2	263953	375896	4.87%	0.412%
22	16.151	2217	2221	2223	rBV	78326	103391	1.34%	0.113%
23	16.175	2223	2225	2230	rVB3	86605	117501	1.52%	0.129%
24	16.475	2271	2276	2283	rBV8	56517	119055	1.54%	0.131%
25	16.804	2328	2332	2336	rVB	90890	122808	1.59%	0.135%
26	16.845	2336	2339	2344	rBV	63196	98929	1.28%	0.109%
27	16.916	2347	2351	2353	rVV3	58581	82130	1.07%	0.090%
28	16.945	2353	2356	2362	rVV4	92762	147613	1.91%	0.162%
29	17.004	2362	2366	2374	rVV2	44988	91368	1.18%	0.100%
30	17.110	2381	2384	2388	rVB	126177	148580	1.93%	0.163%
31	17.192	2392	2398	2401	rBV	1080213	1609836	20.88%	1.766%
32	17.233	2401	2405	2409	rVB	581647	780965	10.13%	0.857%
33	17.286	2409	2414	2418	rBV2	1404116	1986124	25.75%	2.179%
34	17.404	2431	2434	2438	rVB2	77289	101363	1.31%	0.111%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

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-BM110417MA.M
Title : SVOA CALIBRATION

35	17.592	2459	2466	2468	rBV5	156049	391474	5.08%	0.429%
36	17.639	2468	2474	2479	rVV3	371216	762822	9.89%	0.837%
37	17.692	2479	2483	2490	rVB2	497241	746456	9.68%	0.819%
38	17.757	2490	2494	2496	rBV2	157325	216902	2.81%	0.238%
39	17.869	2508	2513	2518	rBV	1827452	2328806	30.20%	2.555%
40	18.039	2538	2542	2545	rBV	419768	577269	7.49%	0.633%
41	18.086	2547	2550	2552	rVV	193915	233660	3.03%	0.256%
42	18.139	2557	2559	2565	rVB2	219427	288704	3.74%	0.317%
43	18.198	2565	2569	2574	rBV	1245734	1746431	22.65%	1.916%
44	18.263	2577	2580	2584	rVB2	374261	534580	6.93%	0.586%
45	18.380	2595	2600	2610	rVB2	783635	1794556	23.27%	1.969%
46	18.469	2611	2615	2616	rBV	389973	488581	6.34%	0.536%
47	18.533	2621	2626	2630	rVB2	2797820	4132892	53.59%	4.534%
48	18.622	2636	2641	2644	rBV2	690788	1010529	13.10%	1.109%
49	18.663	2644	2648	2649	rBV2	252472	320075	4.15%	0.351%
50	18.804	2664	2672	2681	rBV	5376846	7711622	100.00%	8.460%
51	18.933	2688	2694	2700	rBV2	1700655	2964865	38.45%	3.253%
52	19.086	2716	2720	2724	rVB	1029890	1391495	18.04%	1.527%
53	19.251	2743	2748	2753	rBV	1984363	2938246	38.10%	3.223%
54	19.304	2753	2757	2761	rVB	2509240	3150797	40.86%	3.457%
55	19.386	2768	2771	2780	rVB3	491810	708891	9.19%	0.778%
56	19.492	2786	2789	2793	rVB2	808460	881649	11.43%	0.967%
57	19.586	2800	2805	2808	rBV2	1871495	2913589	37.78%	3.196%
58	19.616	2808	2810	2818	rVB	1768205	2278251	29.54%	2.499%
59	19.769	2832	2836	2841	rBV	1958606	2721848	35.30%	2.986%
60	19.992	2871	2874	2877	rBV	1134262	1272701	16.50%	1.396%
61	20.027	2877	2880	2885	rVB	1442248	1628816	21.12%	1.787%
62	20.245	2914	2917	2920	rBV2	1553977	1659894	21.52%	1.821%
63	20.410	2941	2945	2950	rBV3	440302	911300	11.82%	1.000%
64	20.857	3018	3021	3025	rBV	619922	727351	9.43%	0.798%
65	21.063	3052	3056	3061	rBV3	1167367	1922517	24.93%	2.109%
66	21.374	3103	3109	3113	rBV2	1490204	3265195	42.34%	3.582%
67	21.410	3113	3115	3123	rVB	1088114	1398693	18.14%	1.534%
68	22.986	3377	3383	3394	rVB	2221374	6179466	80.13%	6.779%
69	23.474	3461	3466	3470	rBV	1268521	2269071	29.42%	2.489%
70	23.521	3471	3474	3478	rVV2	1042337	1719259	22.29%	1.886%
71	23.568	3478	3482	3490	rVB	1687585	3182010	41.26%	3.491%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

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-BM110417MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 91155215

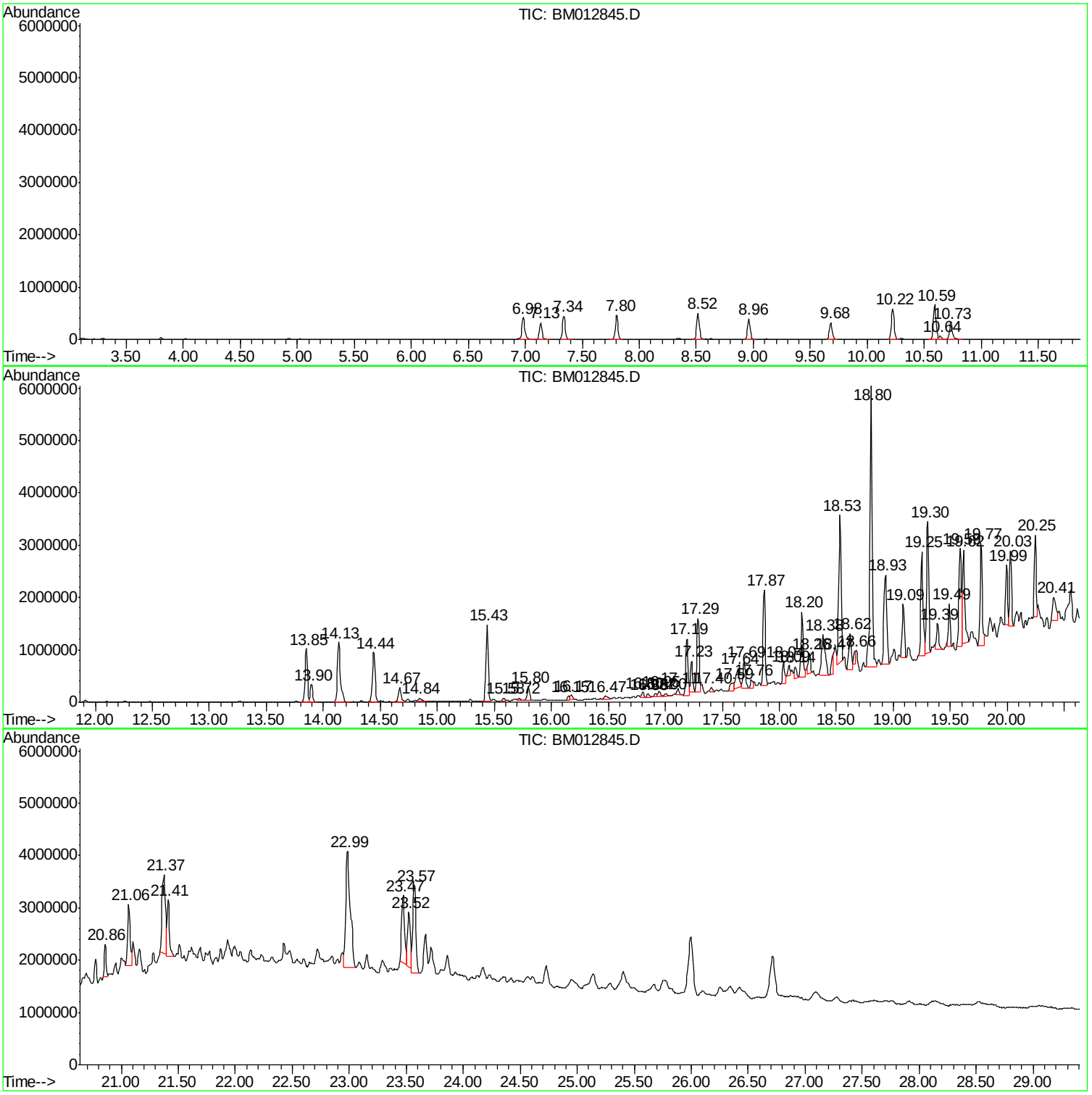
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

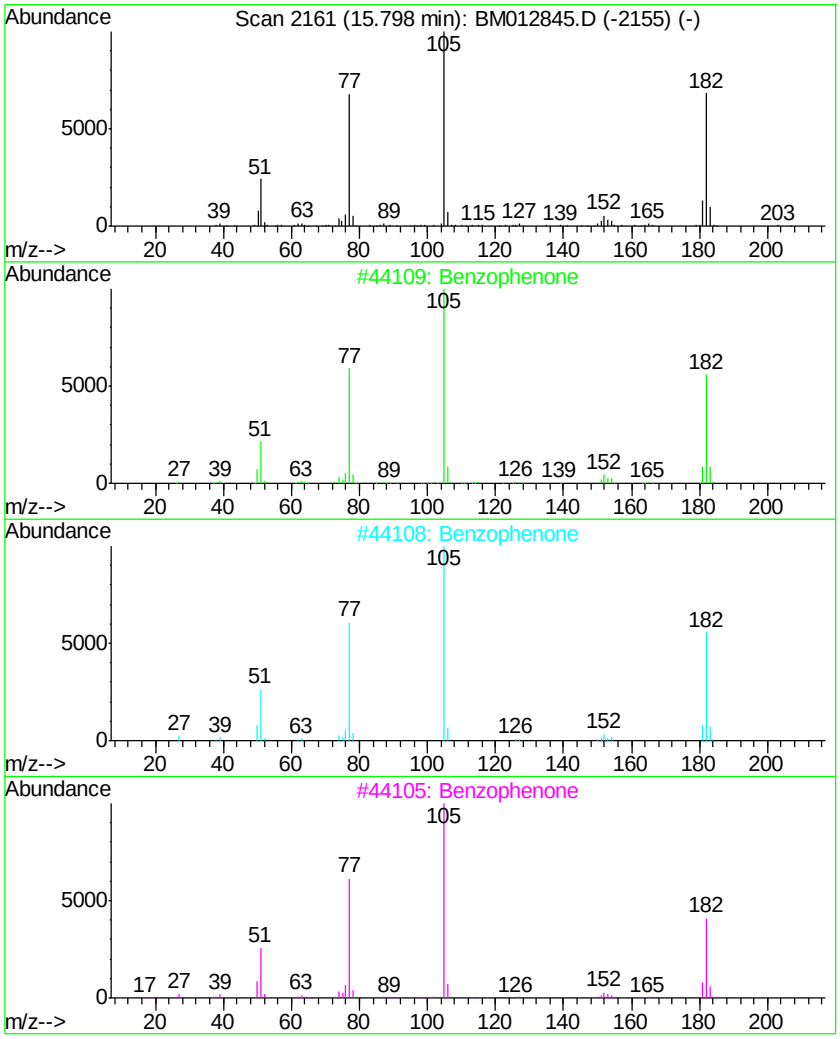
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

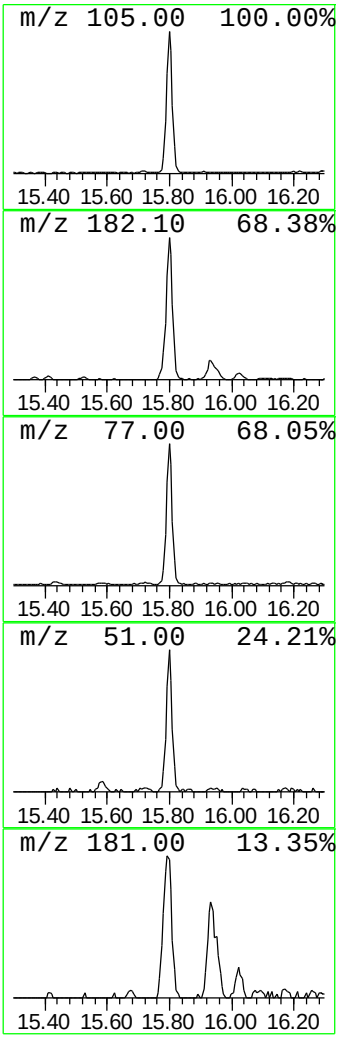
****

Peak Number 1 Benzophenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	4.89 ng/ul	375896	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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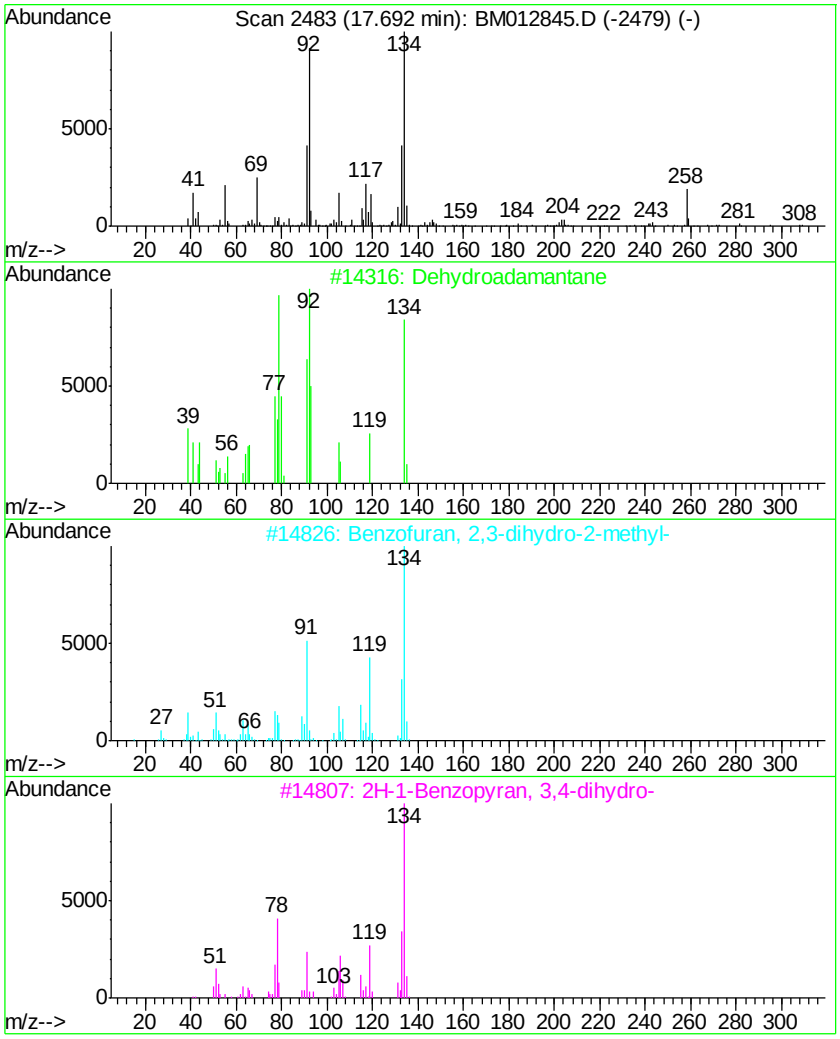
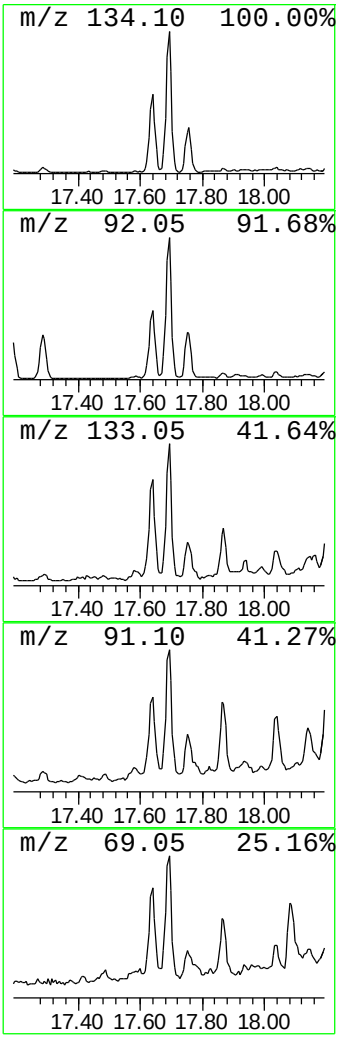
Peak Number 2 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	9.27 ng/ul	746456	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroadamantane	134	C10H14	039257-33-5	47
2	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	45
3	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	43
4	Acetic acid, adamantan-2-yl ester	194	C12H18O2	019066-22-9	40
5	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

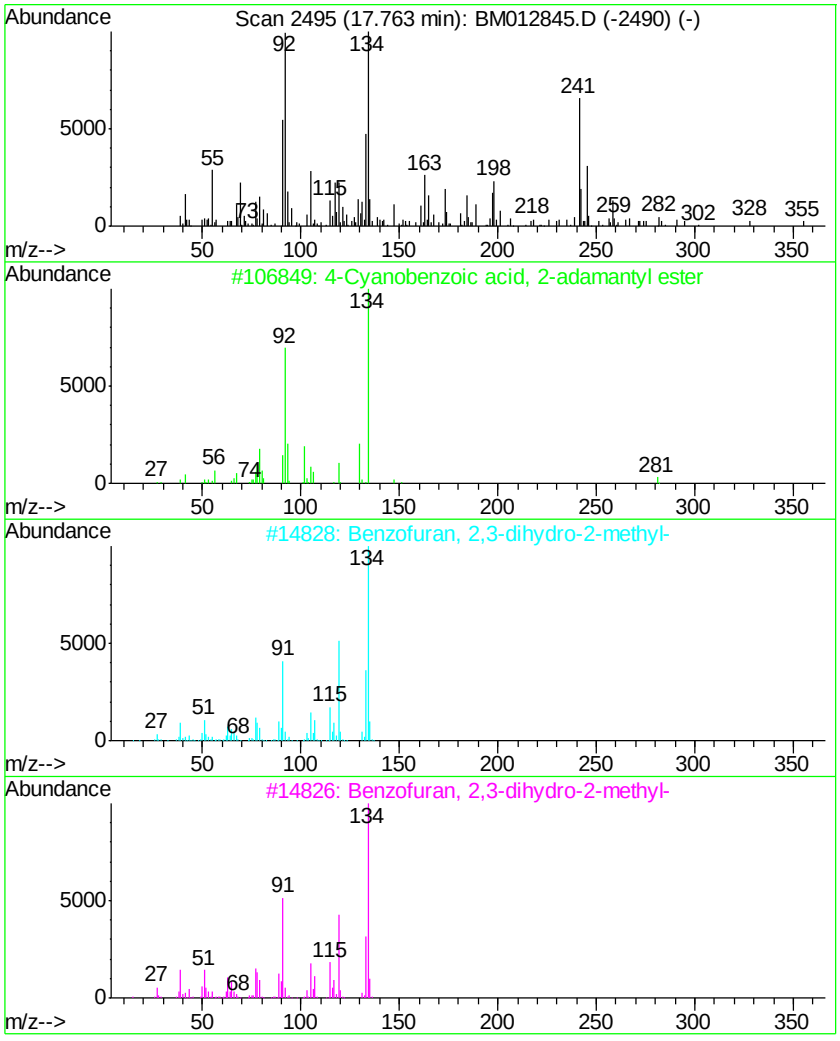
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

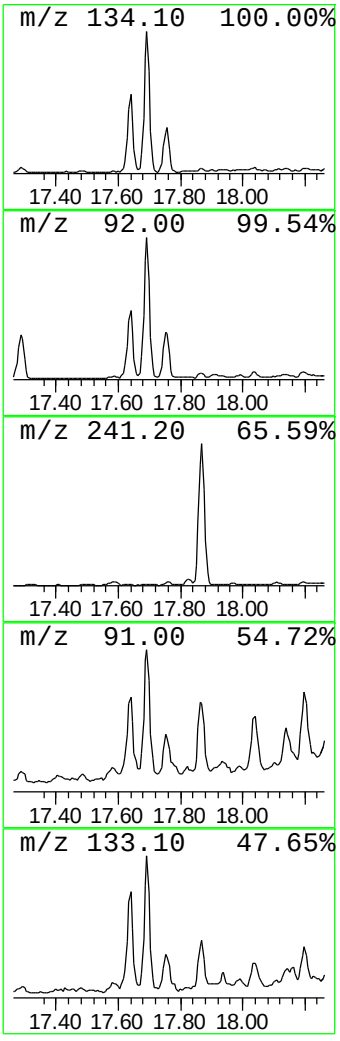
****

Peak Number 3 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.69 ng/ul	216902	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyanobenzoic acid, 2-adamantyl...	281	C18H19NO2	1000292-44-9	38
2	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	30
3	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	30
4	3-[4-(Isopentyloxy)phenyl]-1,3-d...	289	C17H23NO3	062582-41-6	27
5	Bicyclopentyl-1,1'-diene	134	C10H14	000934-02-1	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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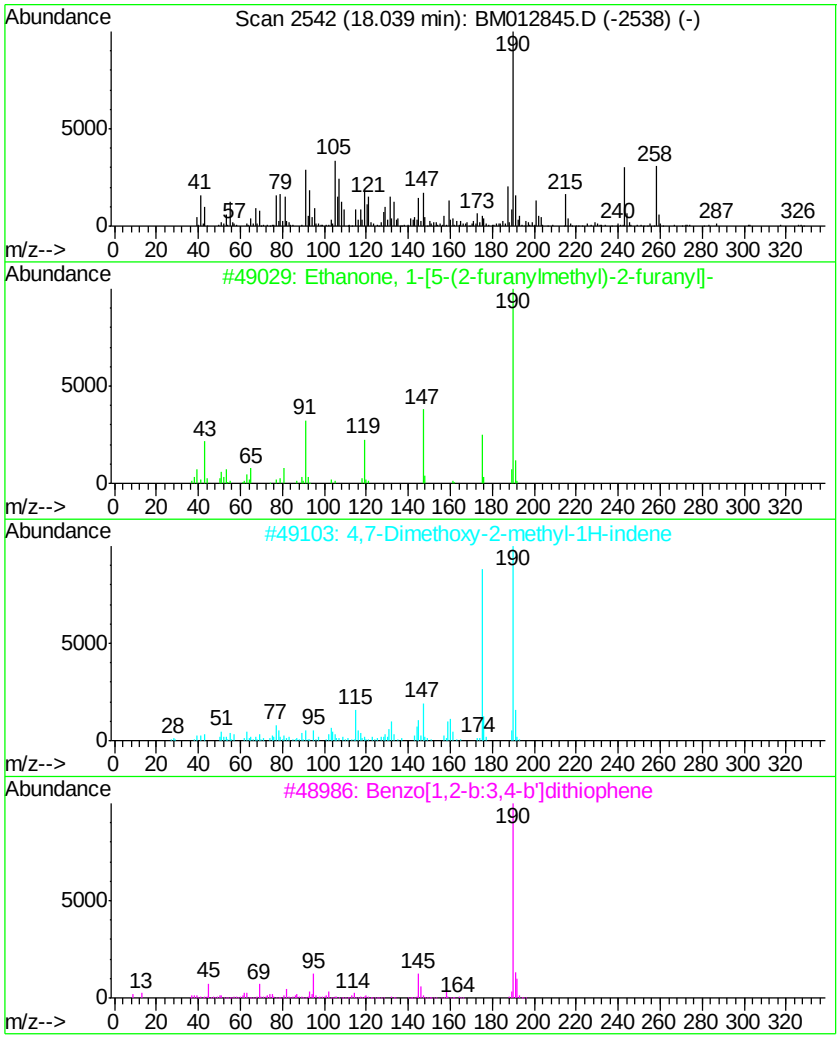
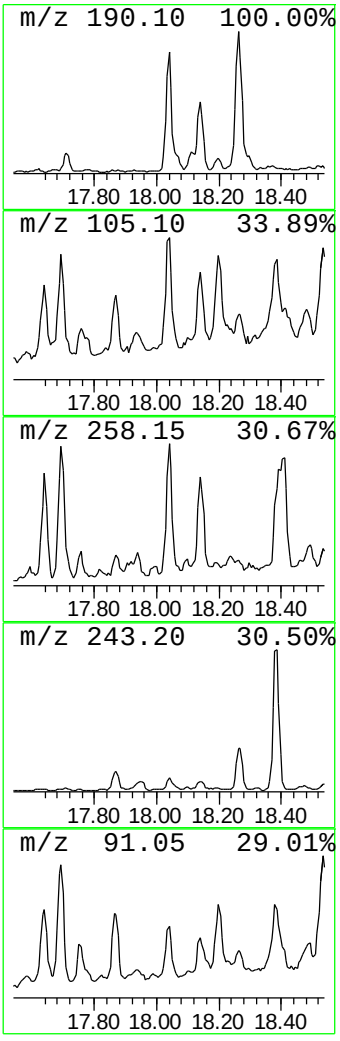
Peak Number 5 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	7.17 ng/ul	577269	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	38
2	4,7-Dimethoxy-2-methyl-1H-indene	190	C12H14O2	1000188-03-2	38
3	Benzo[1,2-b:3,4-b']dithiophene	190	C10H6S2	000211-02-9	38
4	Pyrimidine, 6-oxo-4-(4-fluorophe...	190	C10H7FN2O	085979-57-3	38
5	2-Furancarboxaldehyde, 5-[(5-met...	190	C11H10O3	034995-74-9	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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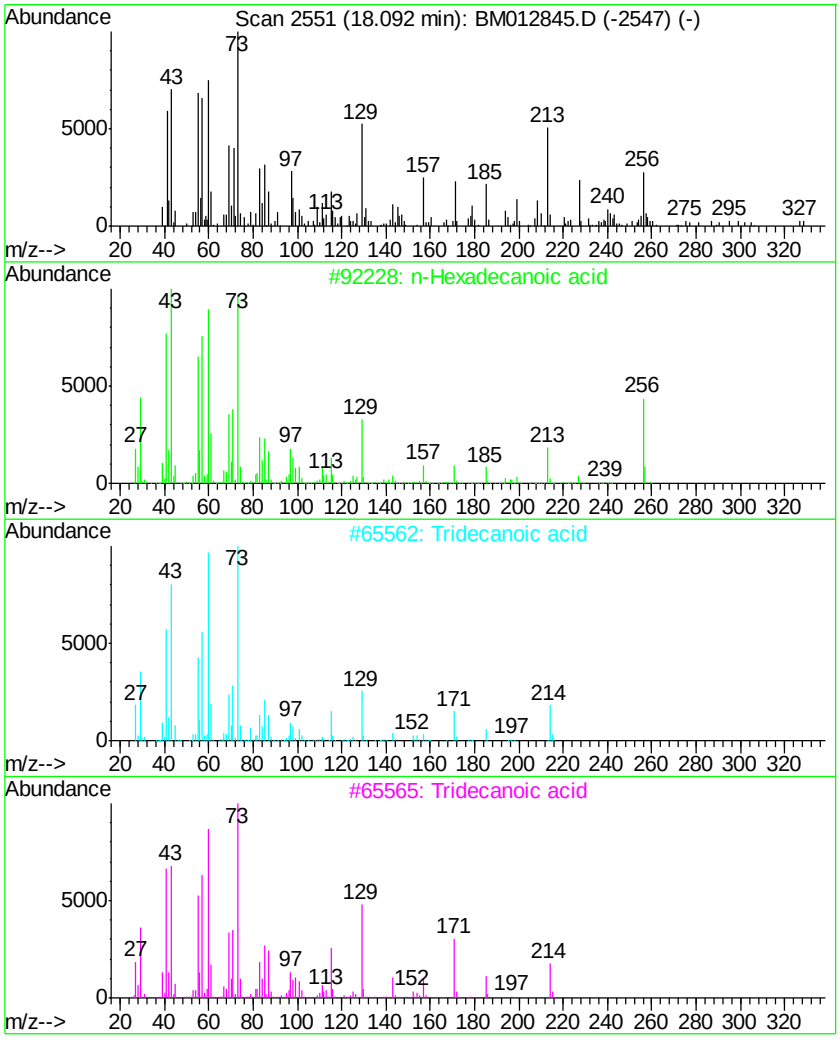
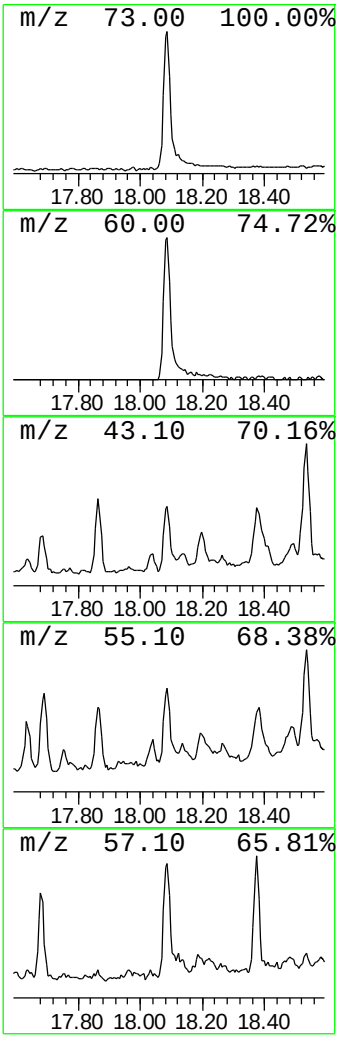
Peak Number 6 n-Hexadecanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.90 ng/ul	233660	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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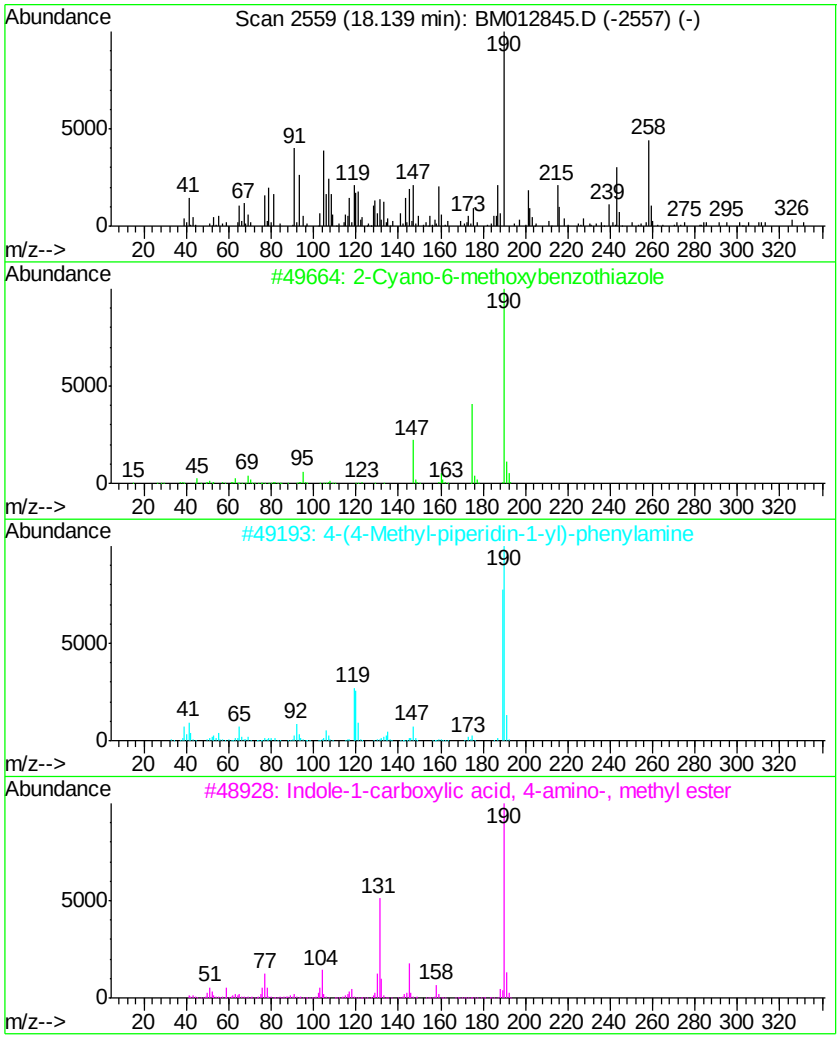
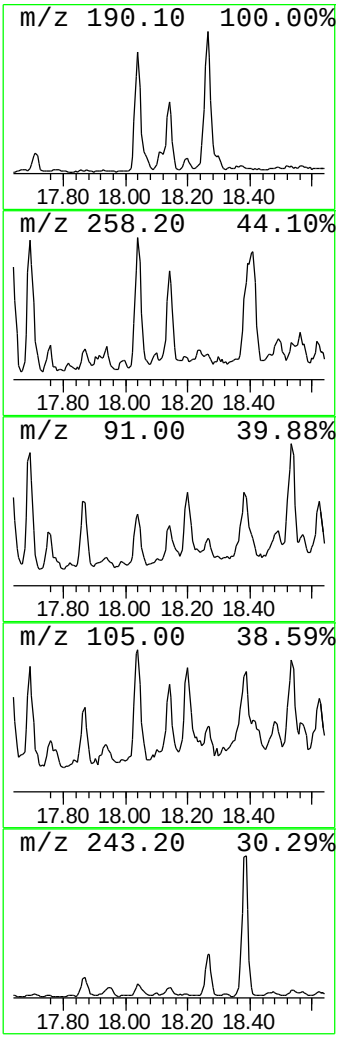
Peak Number 7 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	3.59 ng/ul	288704	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyano-6-methoxybenzothiazole	190	C9H6N2OS	000943-03-3	25
2	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	22
3	Indole-1-carboxylic acid, 4-amin...	190	C10H10N2O2	081038-30-4	22
4	Dihydropyranno(3,2-g)chroman	190	C12H14O2	057052-79-6	22
5	3-Imidazoline-2-thione, 5-methyl...	190	C10H10N2S	033289-24-6	14





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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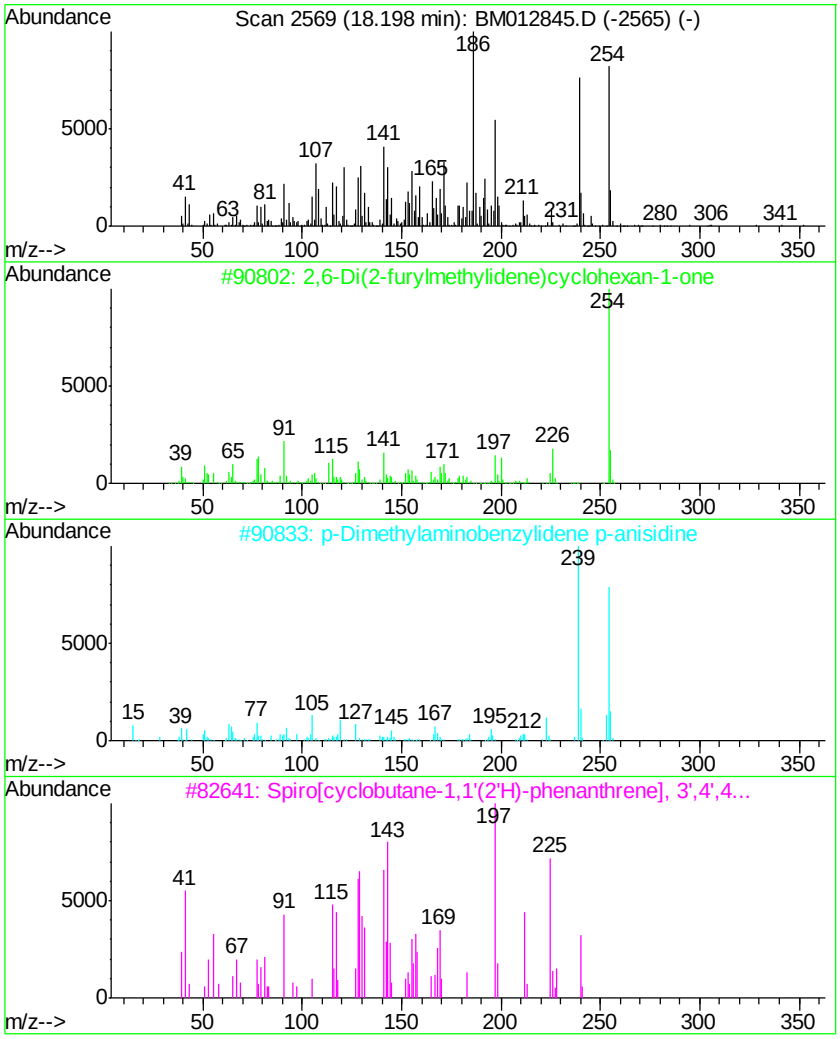
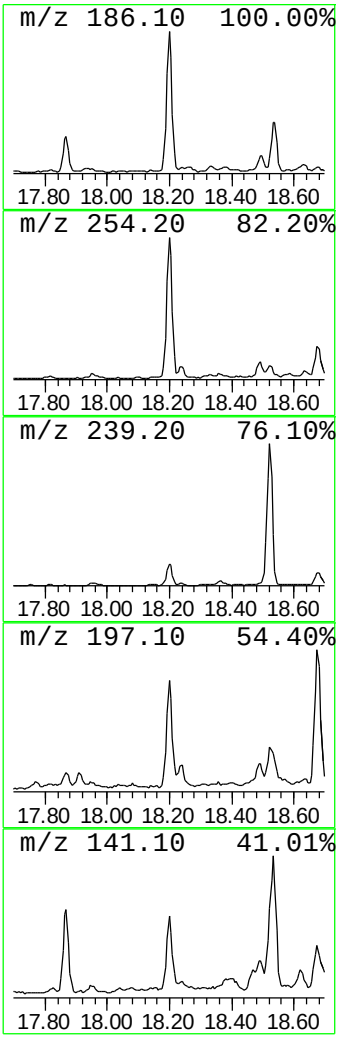
Peak Number 8 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	21.70 ng/ul	1746430	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	49
2	p-Dimethylaminobenzylidene p-ani...	254	C16H18N2O	001749-04-8	38
3	Spiro[cyclobutane-1,1'(2'H)-phen...	240	C18H24	065147-76-4	25
4	1-(1-Octynyl)-5-furfurylidene-1-...	254	C18H22O	111195-66-5	18
5	((3-Indolyl)(methylthio)methylen...	239	C13H9N3S	018374-66-8	15





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Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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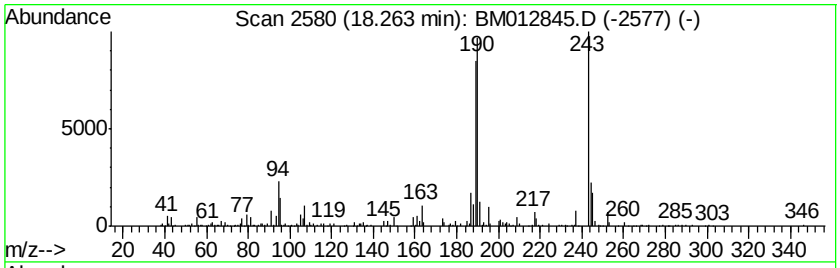
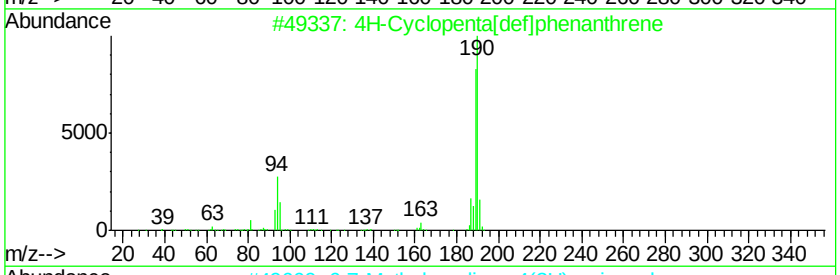
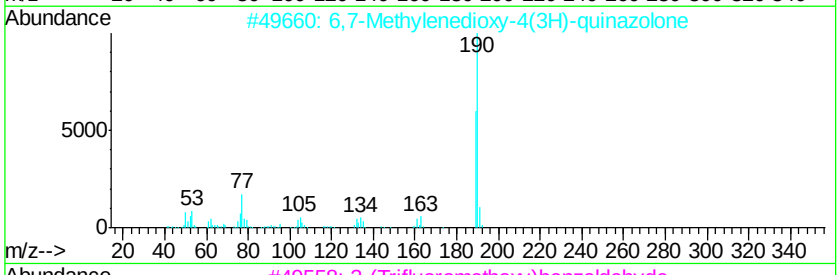
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

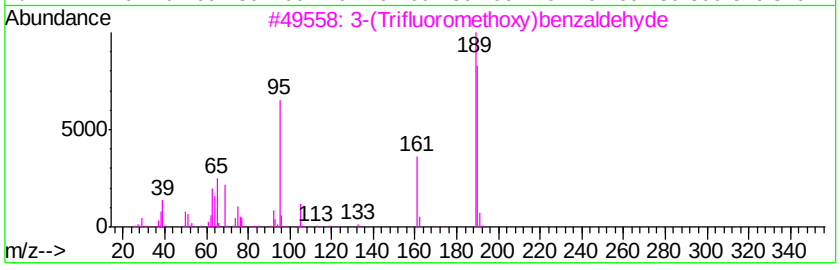
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	6.64 ng/ul	534580	Phenanthrene-d10	17.19

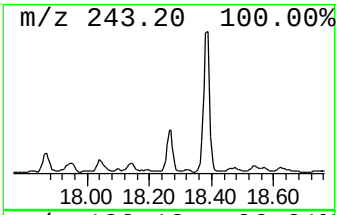
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	43
3	3-(Trifluoromethoxy)benzaldehyde	190	C8H5F3O2	052771-21-8	38
4	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	38
5	Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	38

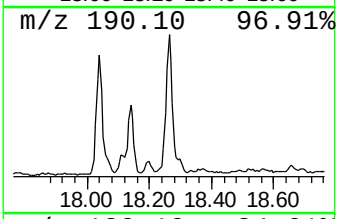


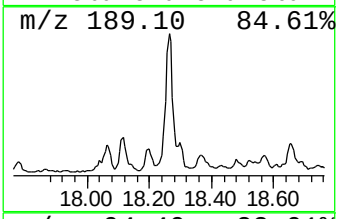


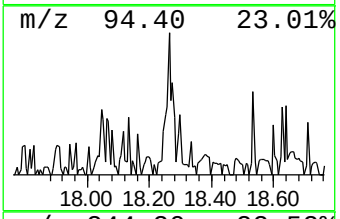


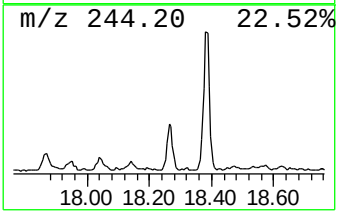












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Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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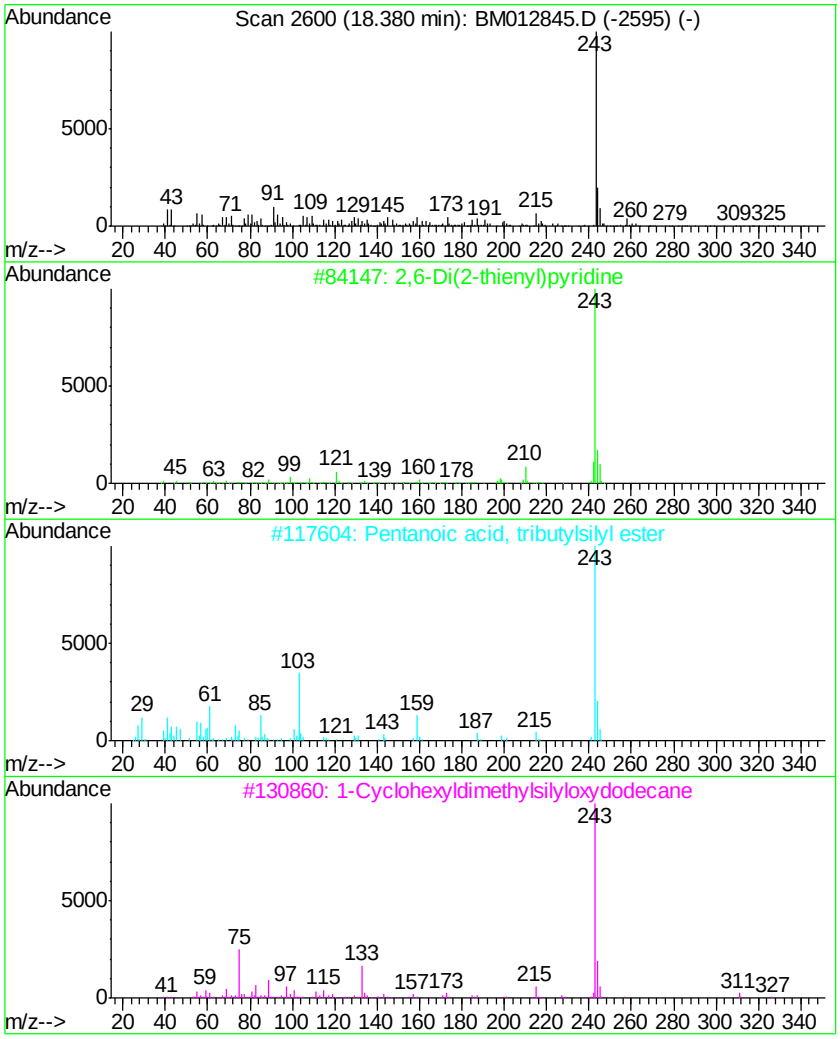
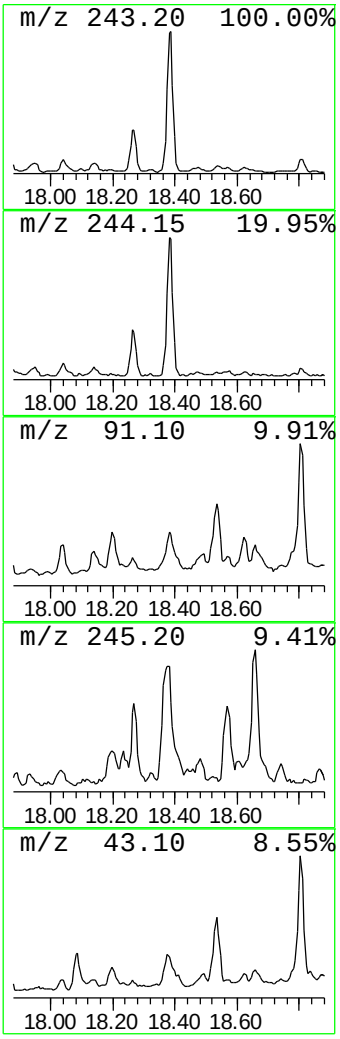
Peak Number 10 2,6-Di(2-thienyl)pyridine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	22.29 ng/ul	1794560	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di(2-thienyl)pyridine	243	C13H9NS2	035299-71-9	80
2	Pentanoic acid, tributylsilyl ester	300	C17H36O2Si	018547-64-3	72
3	1-Cyclohexyldimethylsilyloxydode...	326	C20H42OSi	1000281-96-3	72
4	9H-Carbazole, 9-phenyl-	243	C18H13N	001150-62-5	64
5	3-Phenyl-4-azafluorene	243	C18H13N	033777-97-8	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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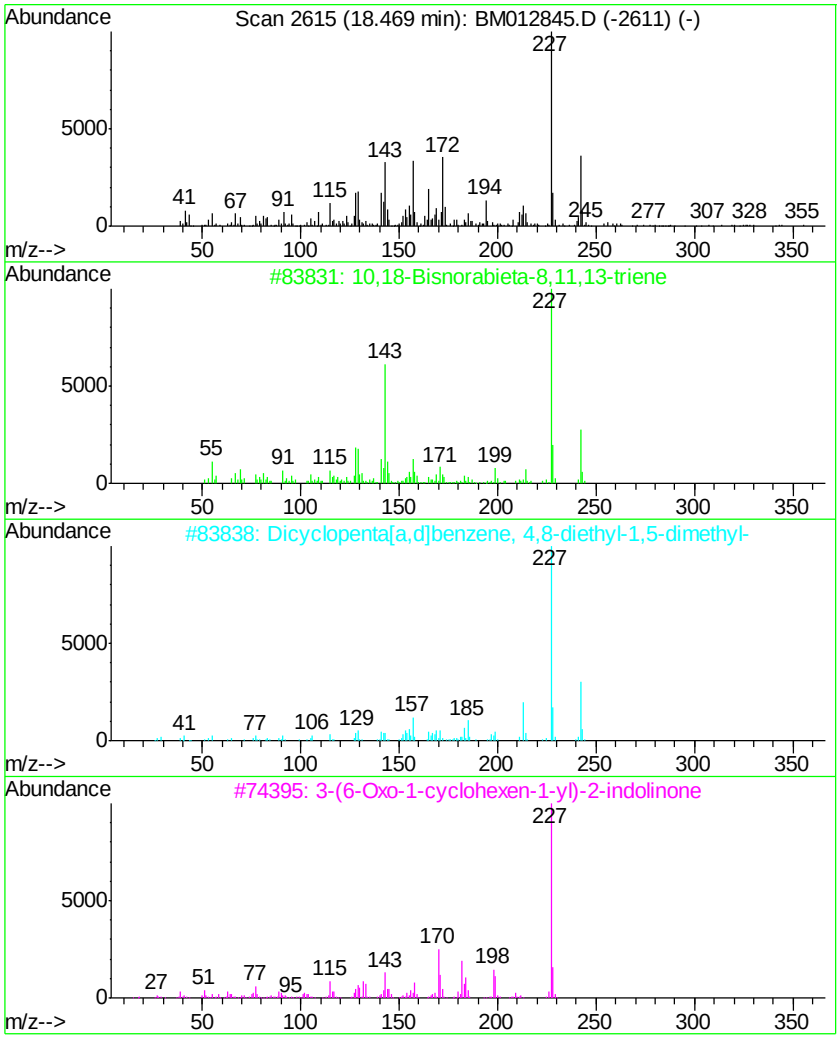
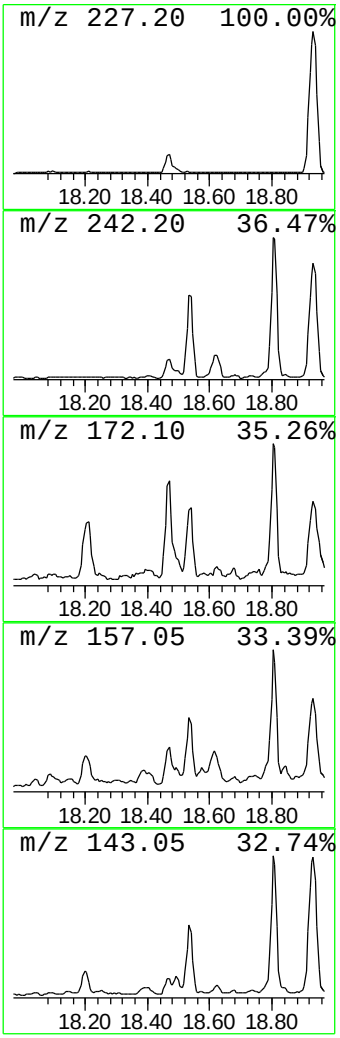
Peak Number 11 10,18-Bisnorabieta-8,11,13-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	6.07 ng/ul	488581	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	53
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	49
3	3-(6-Oxo-1-cyclohexen-1-yl)-2-in...	227	C14H13NO2	076325-86-5	49
4	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49
5	2H-Naphtho[2,3-b]pyran-5,10-dion...	242	C15H14O3	004707-33-9	46





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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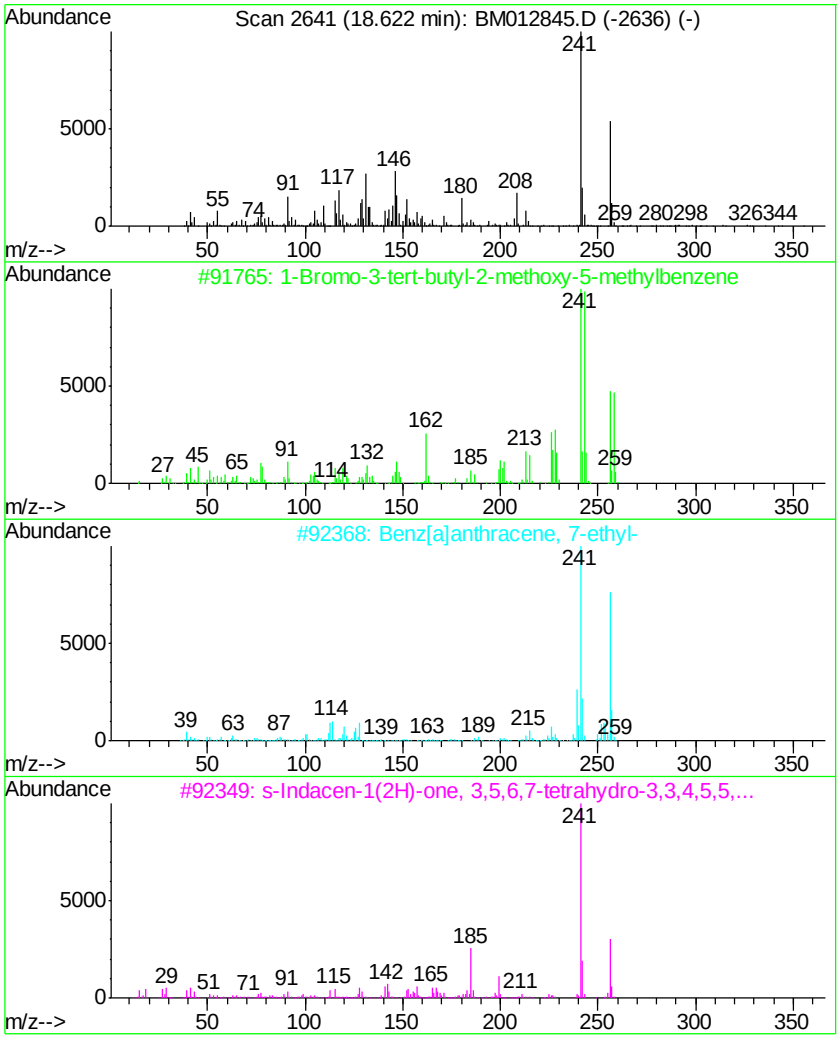
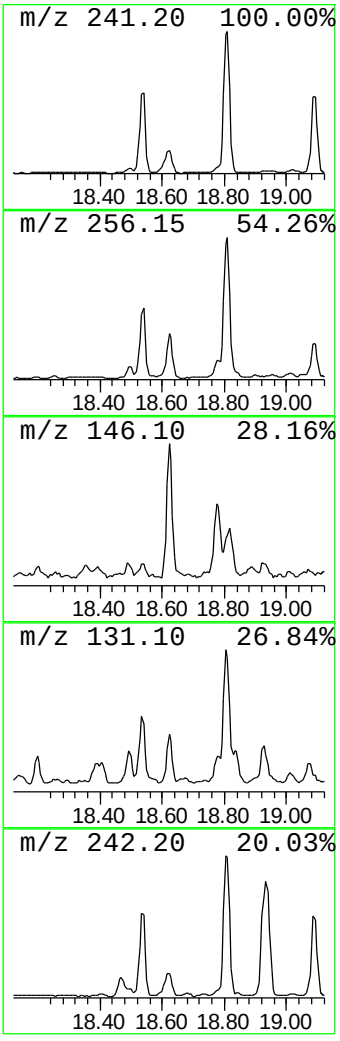
Peak Number 13 1-Bromo-3-tert-butyl-2-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	12.55 ng/ul	1010530	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-3-tert-butyl-2-methoxy-5...	256	C12H17BrO	117439-55-1	58
2	Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	52
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	52
4	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	52
5	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	52





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Instrument : BNA_M
ClientSampleId : DUP-7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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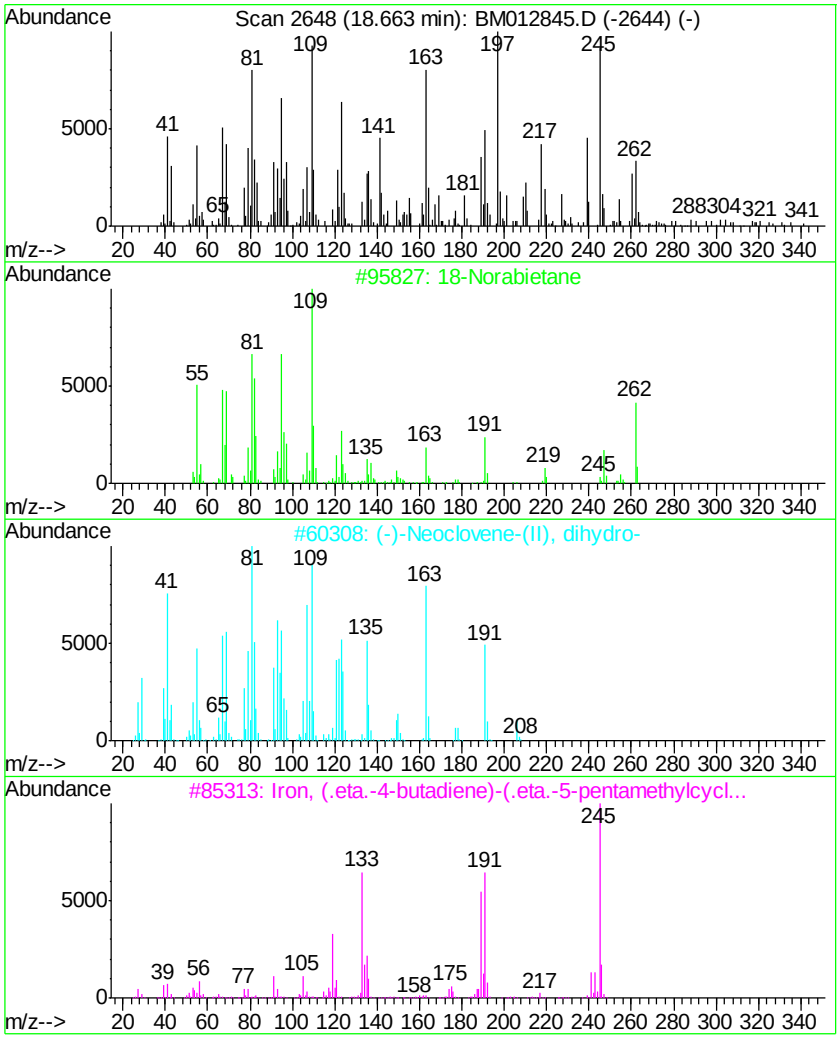
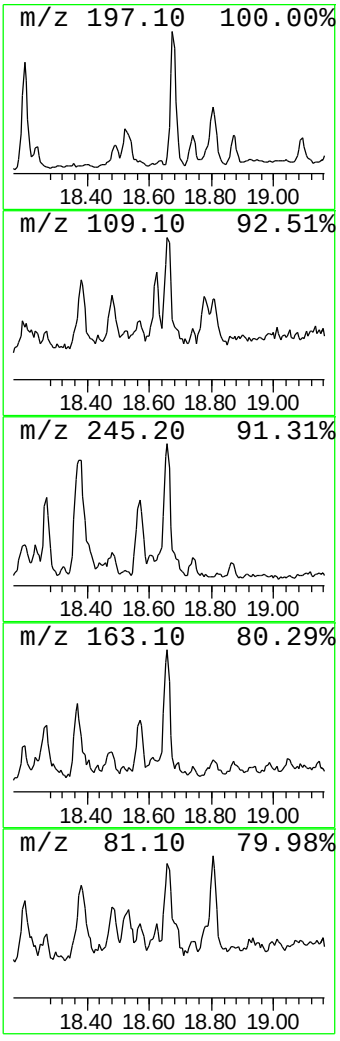
Peak Number 14 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	3.98 ng/ul	320075	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	25
2	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	12
3	Iron, (.eta.-4-butadiene)-(.eta....	245	C14H21Fe	1000161-69-5	11
4	Benzaldehyde, 3-(2-fluorobenzylo...	260	C15H13FO3	1000276-29-6	11
5	1H-Indeno[1,2-b]quinolin-11-one,...	245	C17H11NO	081828-93-5	10





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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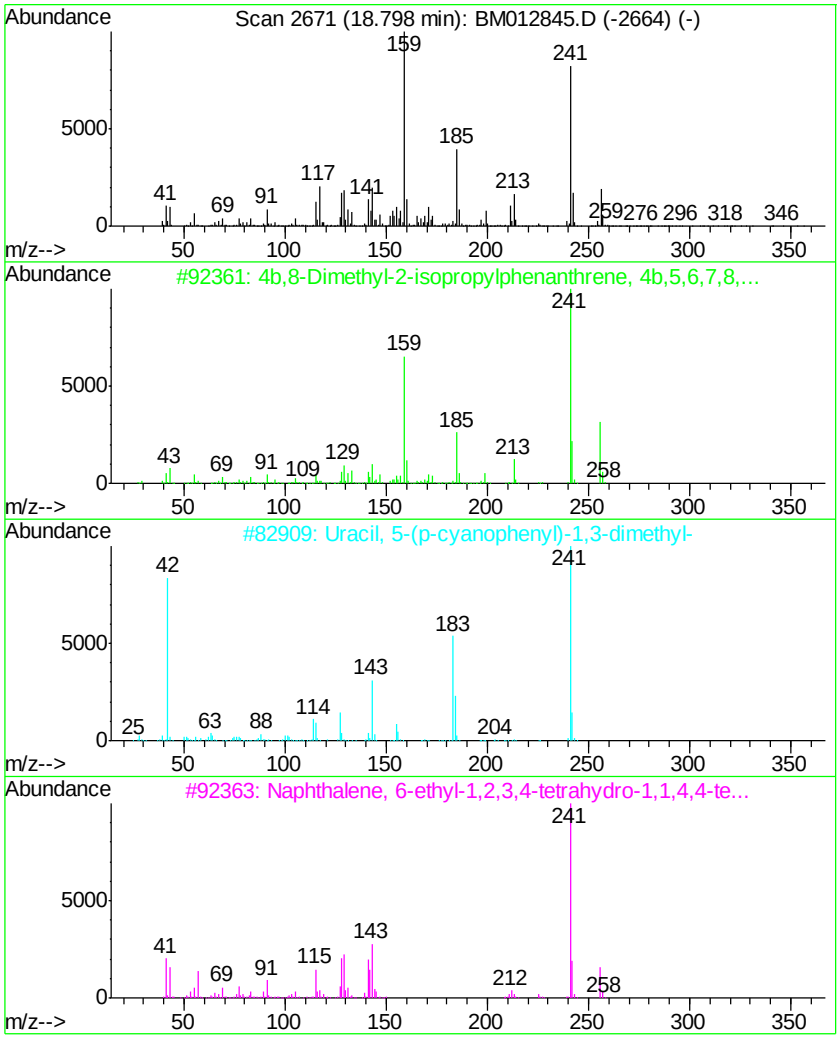
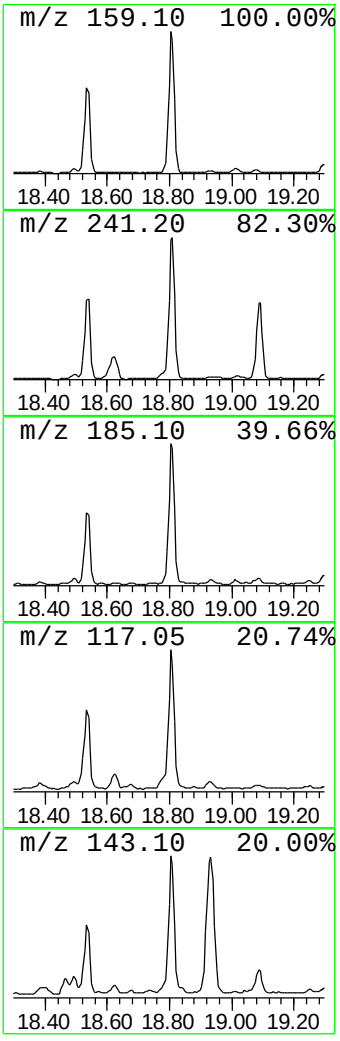
Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	95.81 ng/ul	7711620	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	30
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	30
4	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	27
5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	25





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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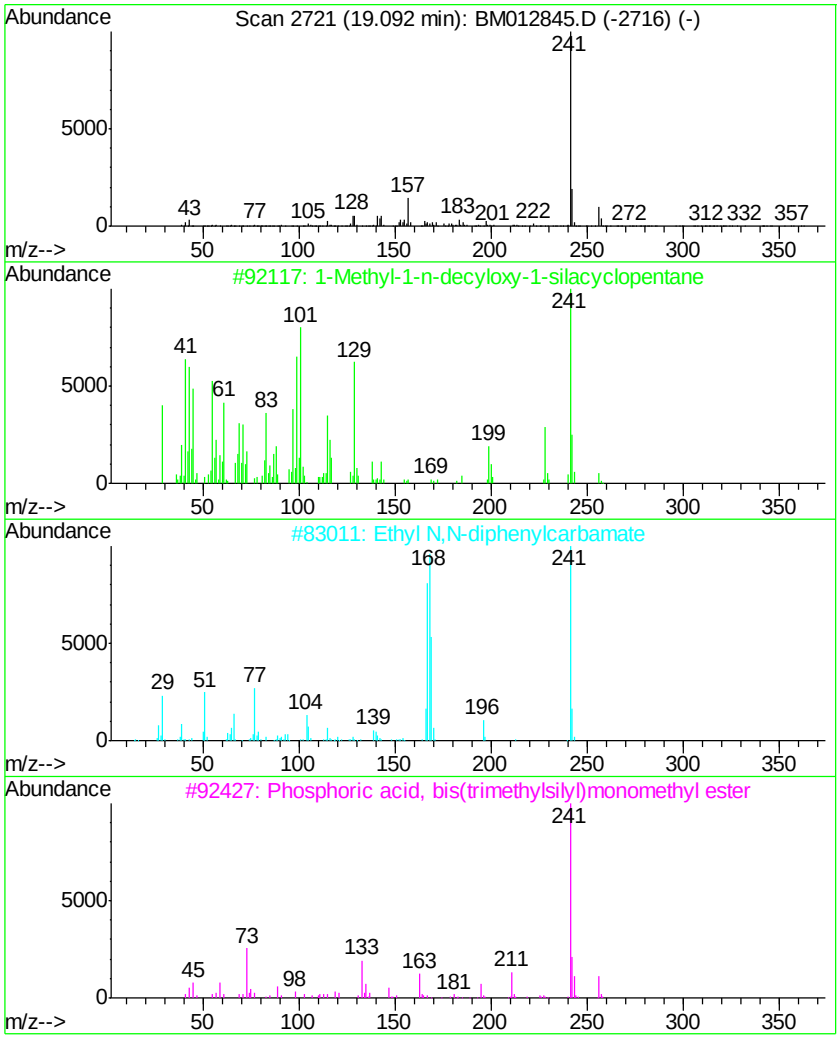
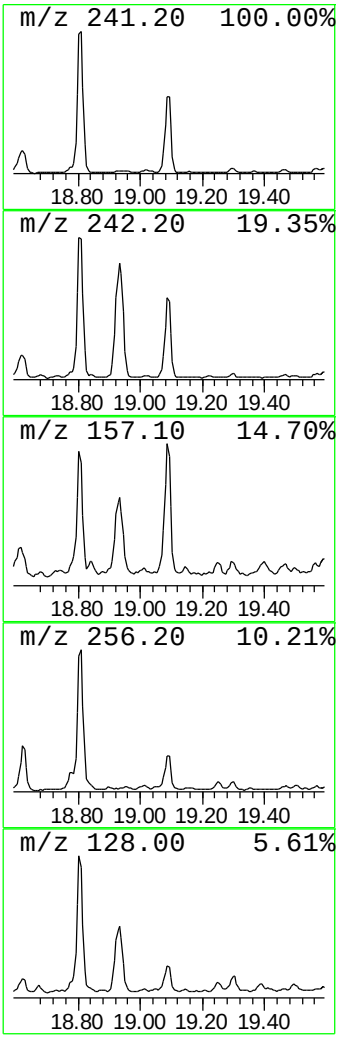
Peak Number 17 1-Methyl-1-n-decyloxy-1-sil... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	17.29 ng/ul	1391500	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1-n-decyloxy-1-silacycl...	256	C15H32OSi	1000216-91-2	59
2	Ethyl N,N-diphenylcarbamate	241	C15H15NO2	000603-52-1	58
3	Phosphoric acid, bis(trimethylsi...	256	C7H21O4PSi2	018291-81-1	45
4	4-Hydroxy-4-methyl-3-[2-(2-methy...	426	C21H25F3N2O4	1000295-16-9	40
5	1-Chloro-2-tripropyl-silyloxyben...	284	C15H25ClOSi	1000292-68-4	38





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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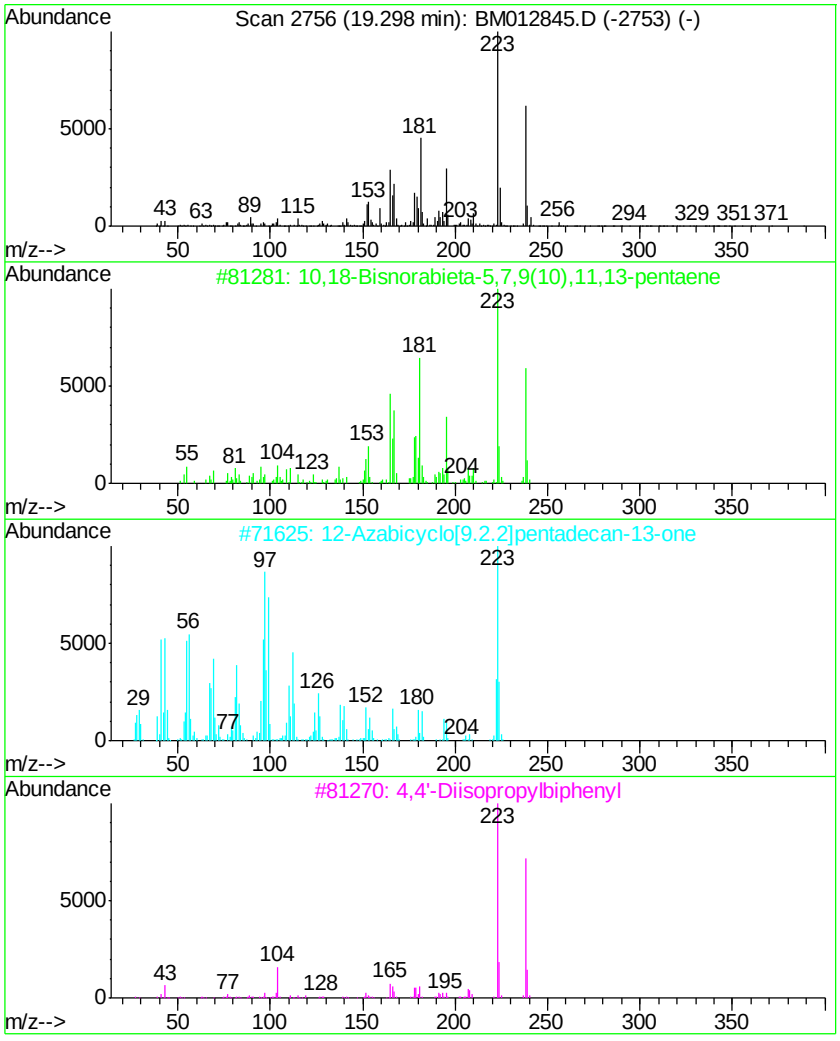
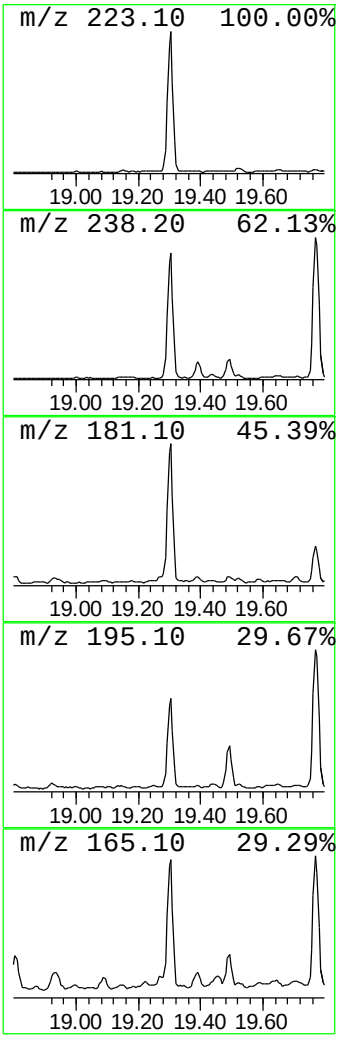
Peak Number 18 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	19.30 ng/ul	3150800	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	74
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	62
4	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	60
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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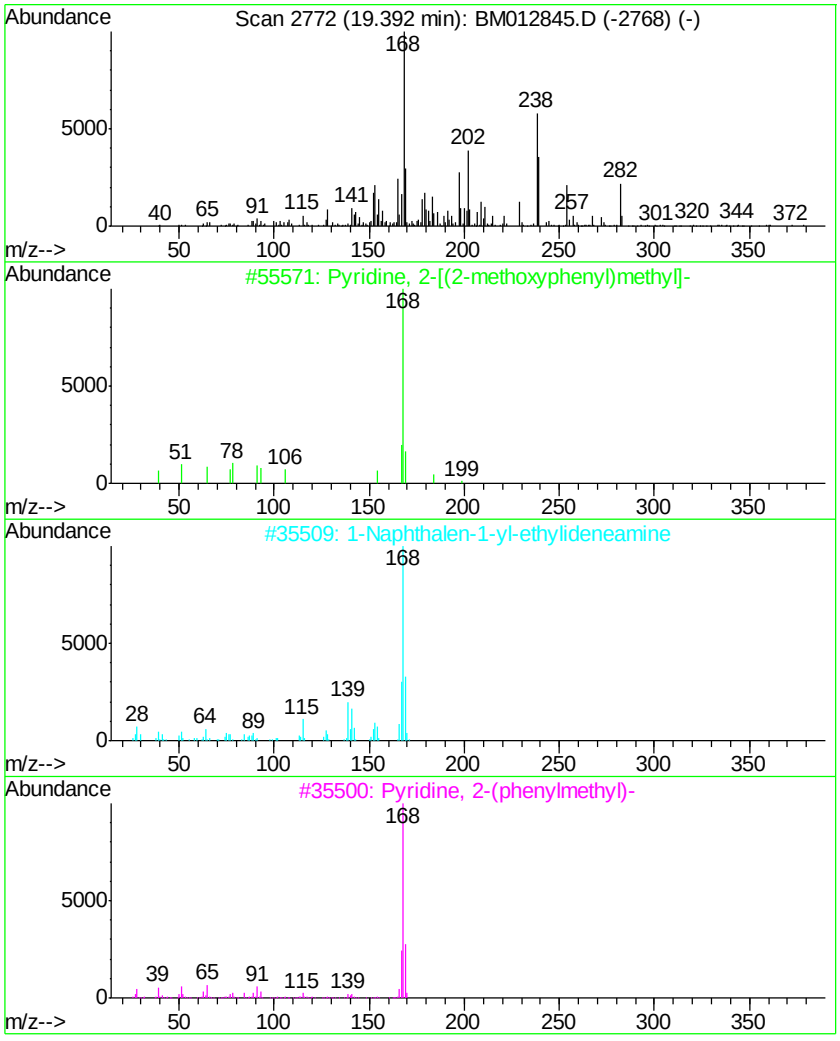
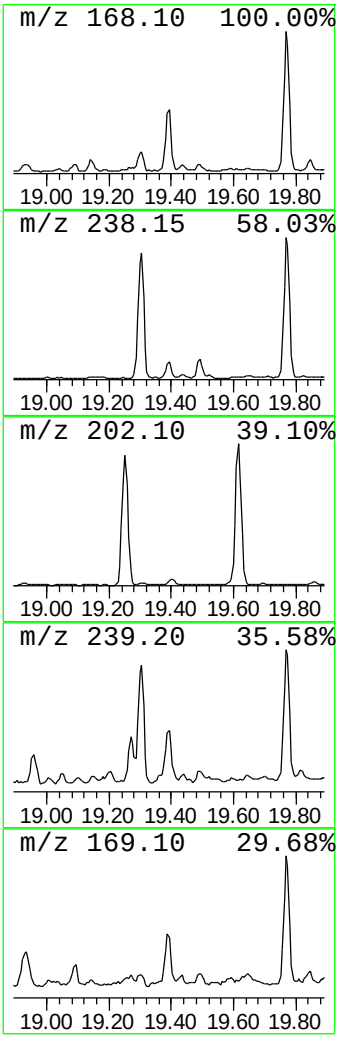
Peak Number 19 unknown-07 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	4.34 ng/ul	708891	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-[(2-methoxyphenyl)me...	199	C13H13NO	035854-43-4	22
2	1-Naphthalen-1-yl-ethylideneamine	169	C12H11N	1000187-76-0	22
3	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	22
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	22
5	8-Amino-1,3,6-triazahomoadamantane	168	C8H16N4	130913-33-6	14





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Quant Title : SVOA CALIBRATION

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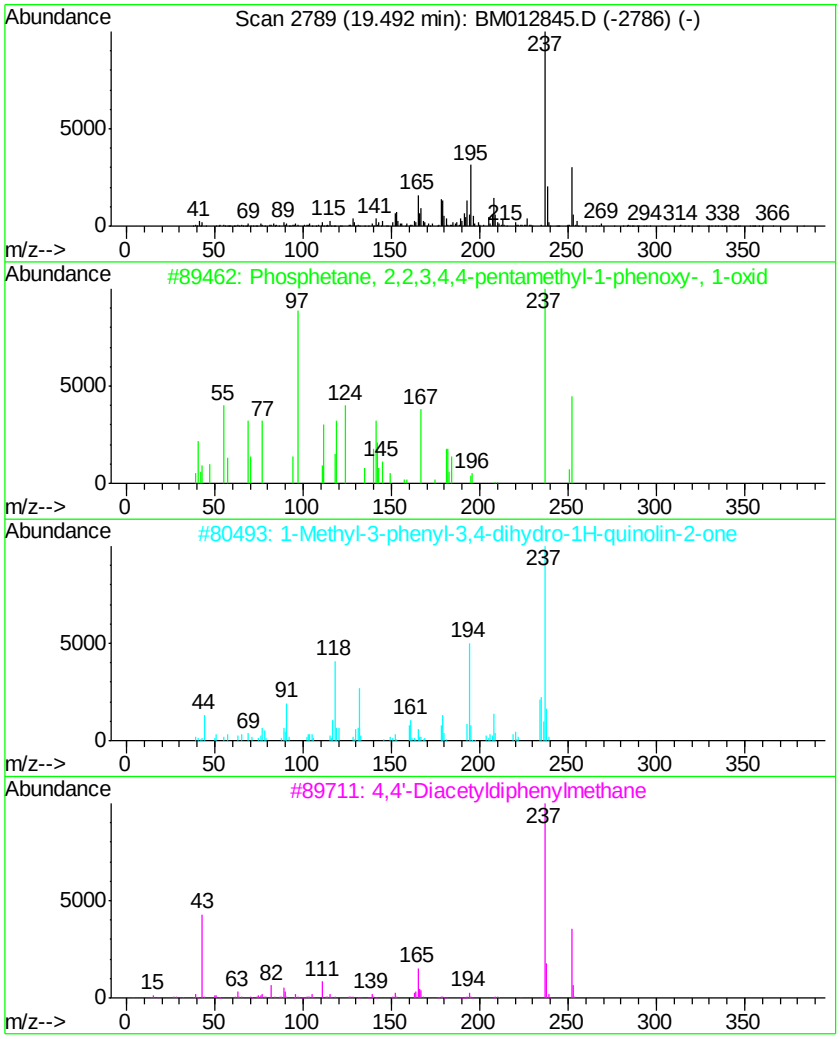
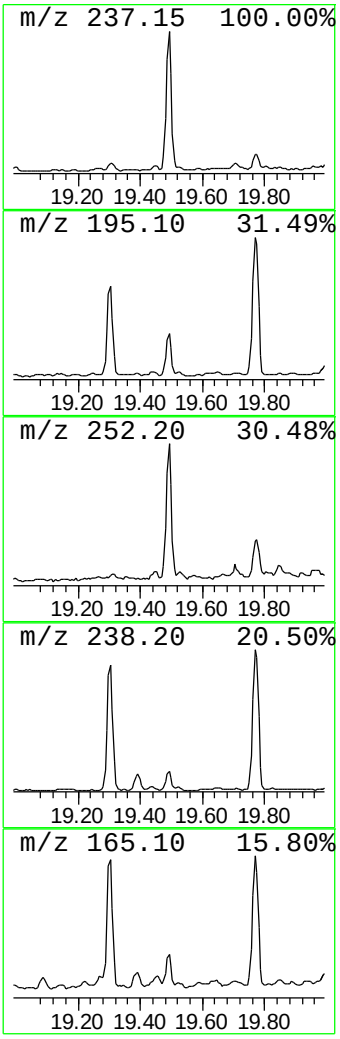
Peak Number 20 Phosphetane, 2,2,3,4,4-pent... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	5.40 ng/ul	881649	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphetane, 2,2,3,4,4-pentameth...	252	C14H21O2P	050517-26-5	90
2	1-Methyl-3-phenyl-3,4-dihydro-1H...	237	C16H15NO	028899-87-8	58
3	4,4'-Diacetyldiphenylmethane	252	C17H16O2	000790-82-9	50
4	9-Acetamido-1,8-dimethyl-3,6-dia...	237	C13H23N3O	147084-72-8	49
5	2-p-Tolylisoindole-1,3-dione	237	C15H11NO2	002142-03-2	47





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Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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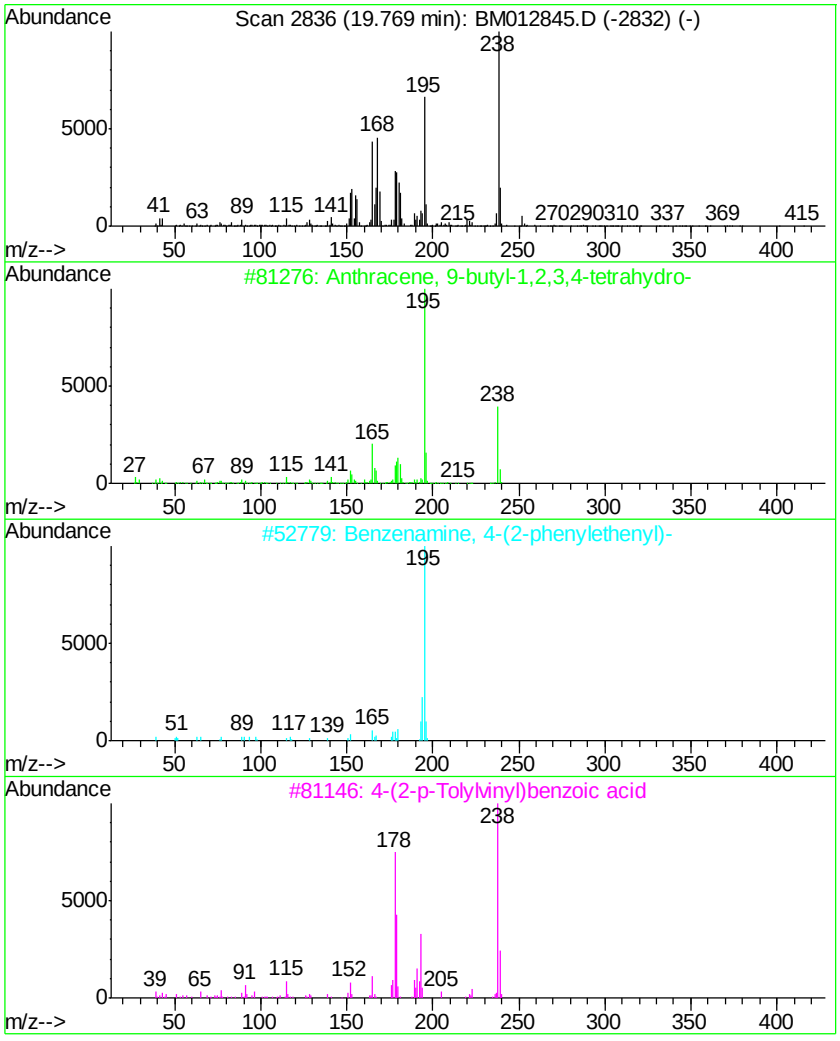
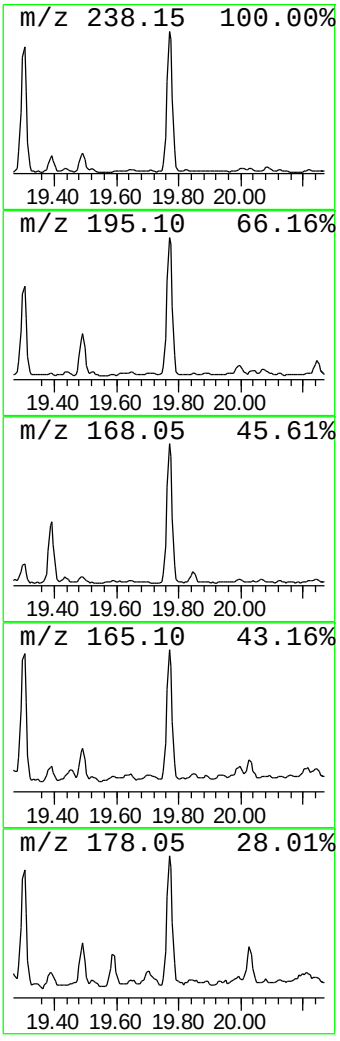
Peak Number 21 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	16.67 ng/ul	2721850	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	49
2	Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	38
3	4-(2-p-Tolylvinyl)benzoic acid	238	C16H14O2	043122-74-3	30
4	2-Phenazinecarboxylic acid, meth...	238	C14H10N2O2	018450-12-9	27
5	Pentafluorobenzamide, N-2-octyl	323	C15H18F5NO	1000278-64-4	27





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Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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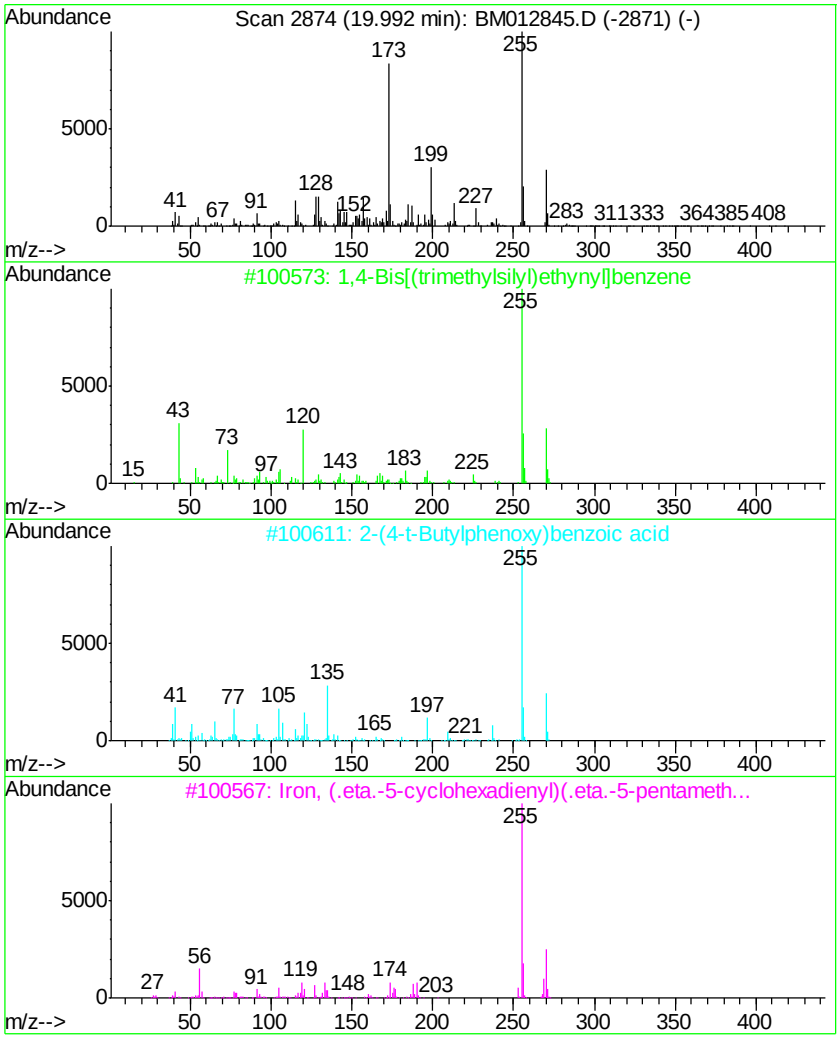
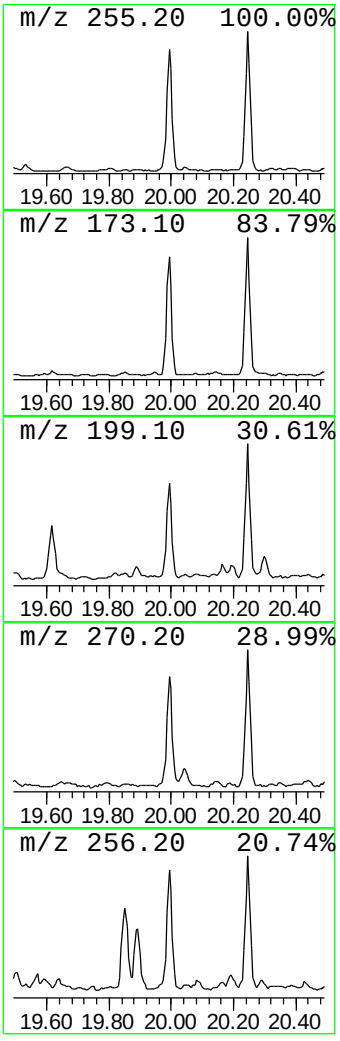
Peak Number 22 unknown-09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	7.80 ng/ul	1272700	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Bis[(trimethylsilyl)ethynyl]...	270	C16H22Si2	073392-23-1	38
2	2-(4-t-Butylphenoxy)benzoic acid	270	C17H18O3	069737-65-1	38
3	Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	38
4	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	35
5	5,7-Dihydroxy-2-methyl-2-phenyl-...	270	C16H14O4	108838-42-2	27





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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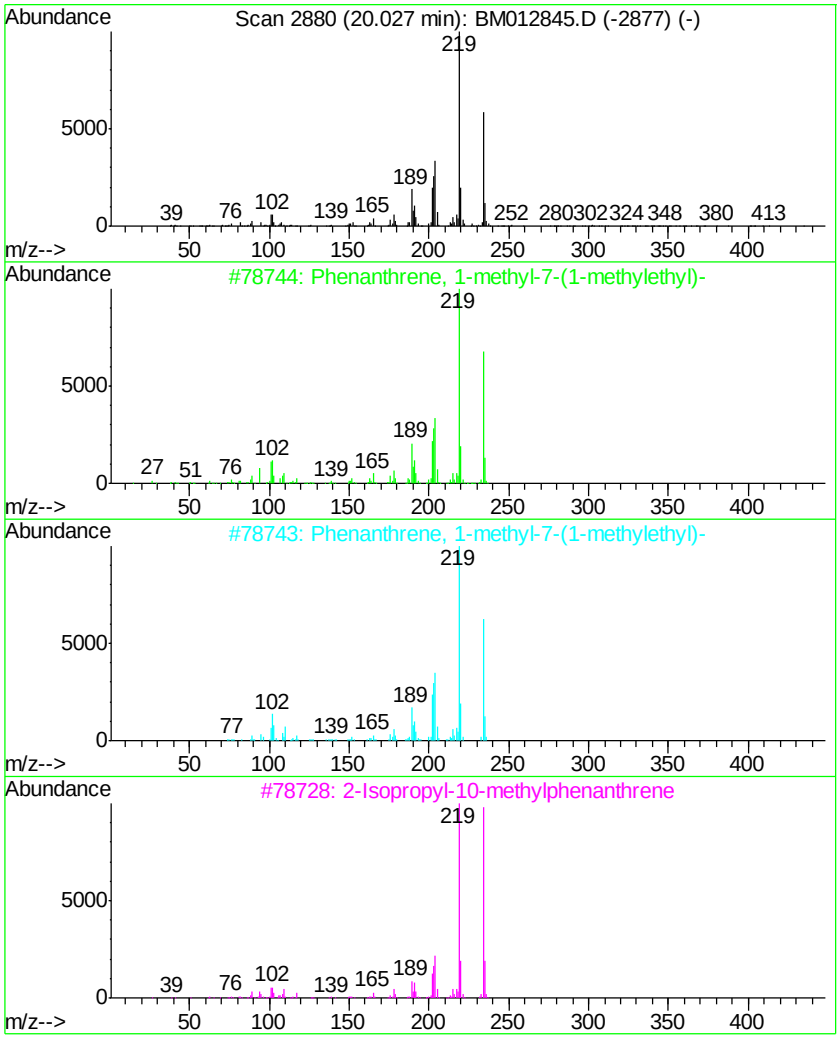
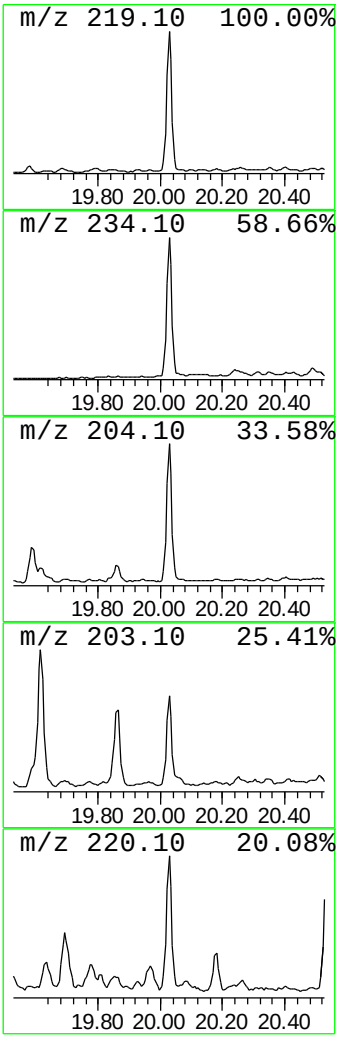
Peak Number 23 Phenanthrene, 1-methyl-7-(1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	9.98 ng/ul	1628820	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
4	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	60
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	58





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Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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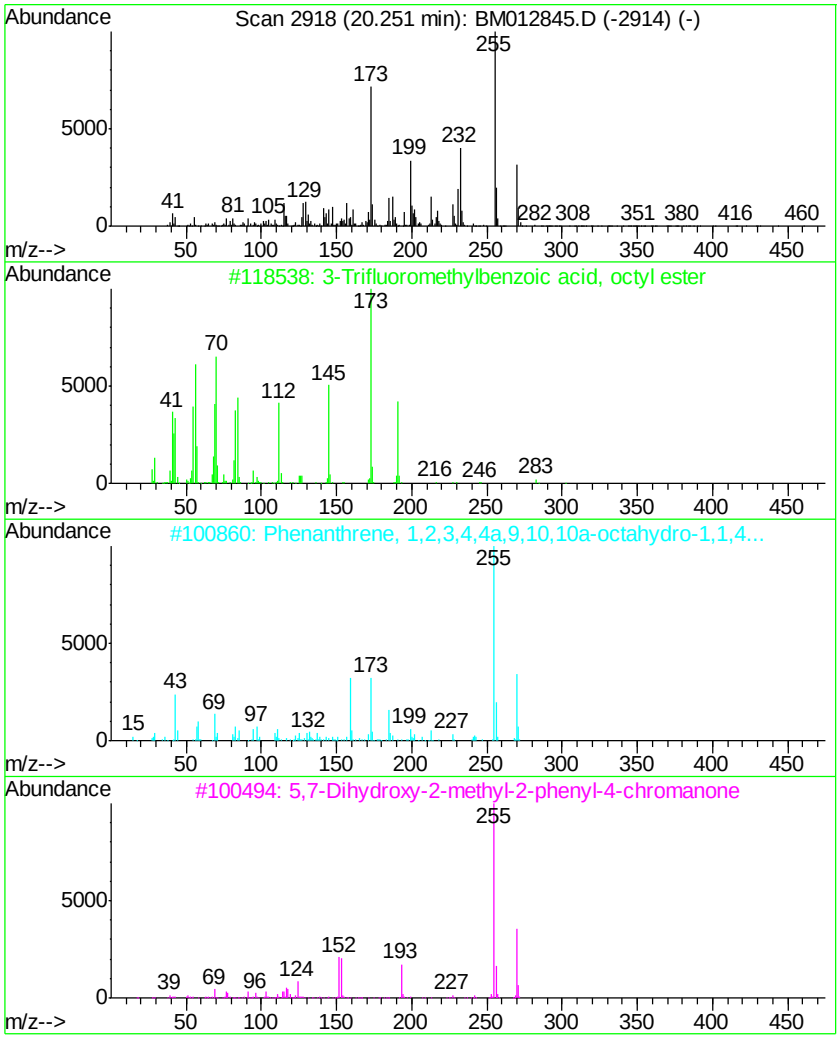
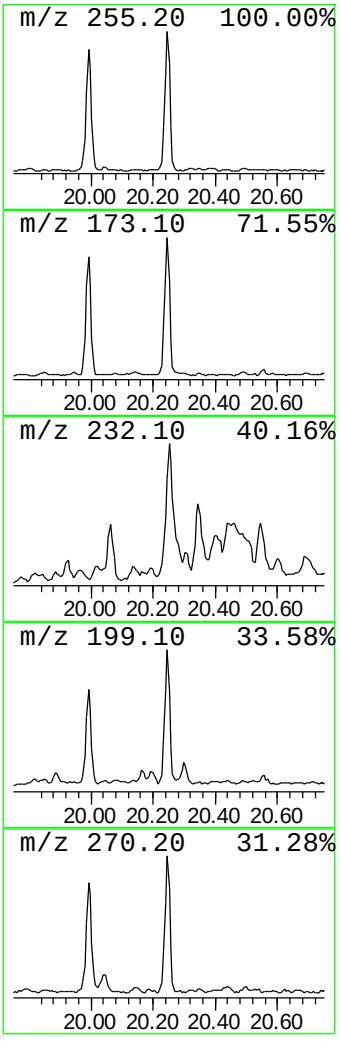
Peak Number 24 3-Trifluoromethylbenzoic ac... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	10.17 ng/ul	1659890	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Trifluoromethylbenzoic acid, o...	302	C16H21F3O2	1000281-83-1	68
2	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	46
3	5,7-Dihydroxy-2-methyl-2-phenyl-...	270	C16H14O4	108838-42-2	38
4	1,4-Bis[(trimethylsilyl)ethynyl]...	270	C16H22Si2	073392-23-1	35
5	Decanoic acid, decyl ester	312	C20H40O2	001654-86-0	35





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Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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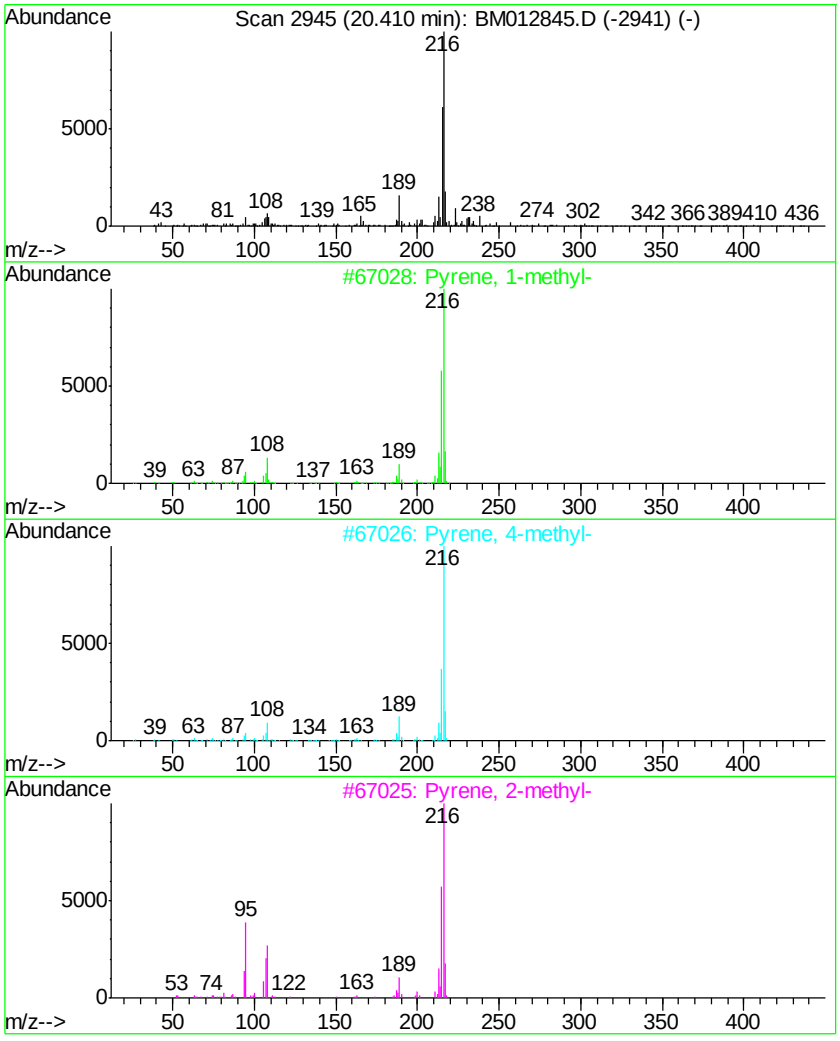
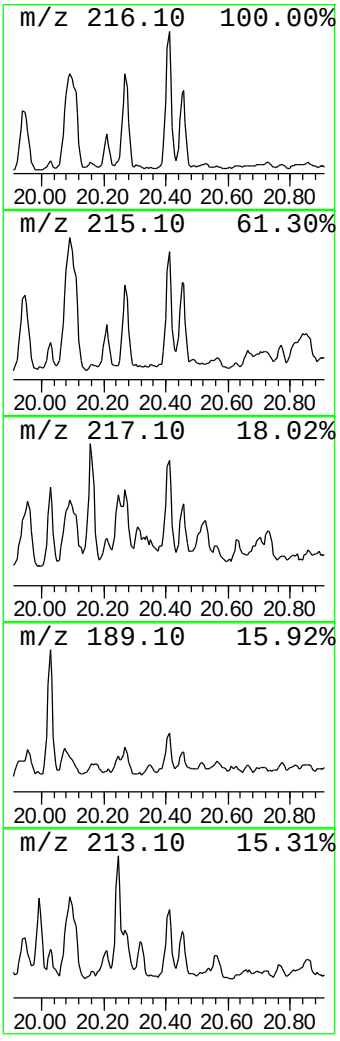
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	5.58 ng/ul	911300	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86





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Operator : SJ/JU
Sample : I6096-07
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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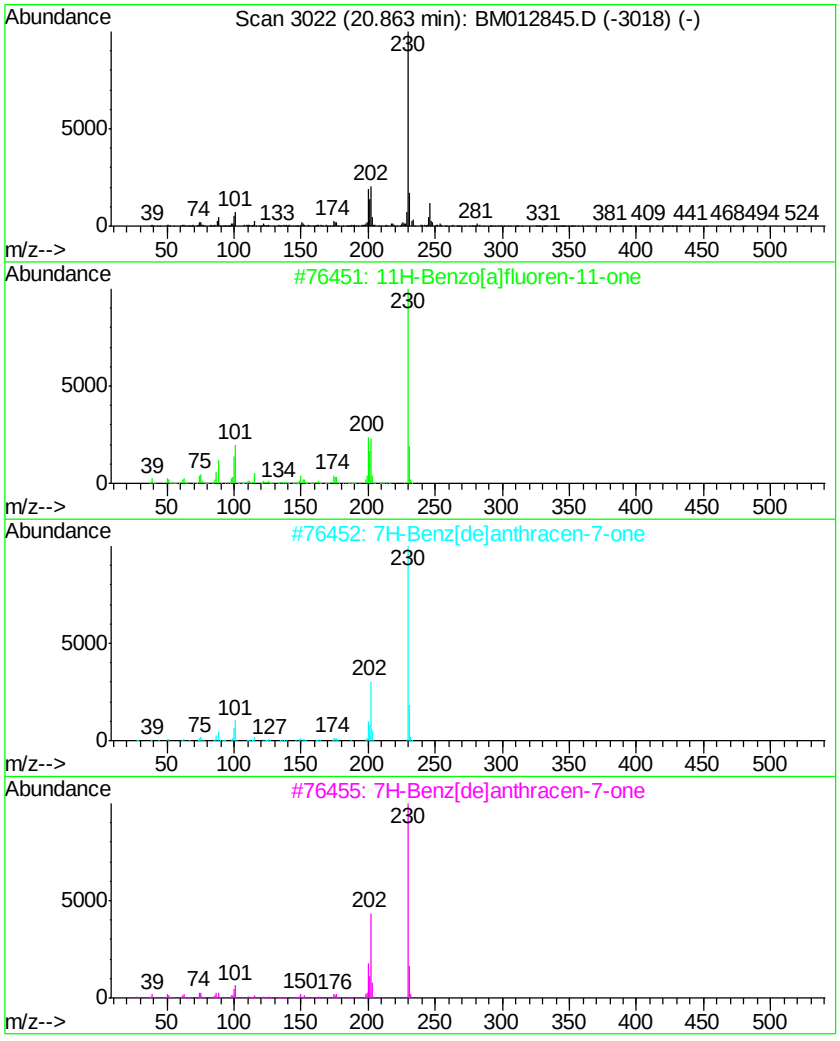
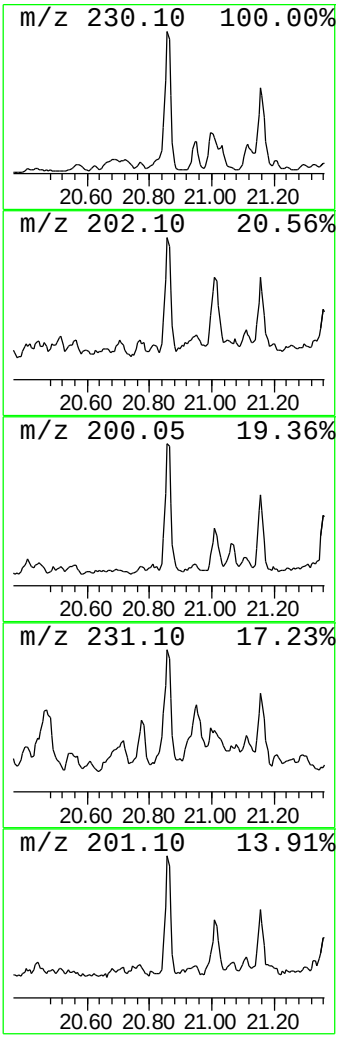
Peak Number 26 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.46 ng/ul	727351	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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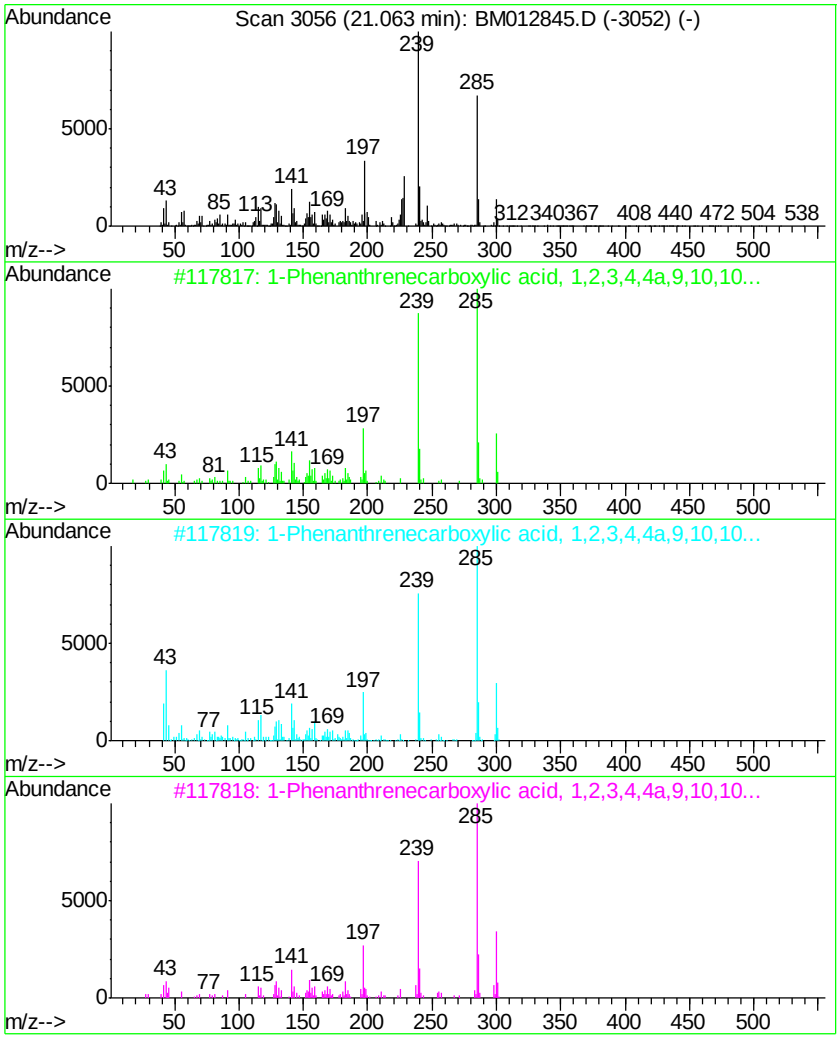
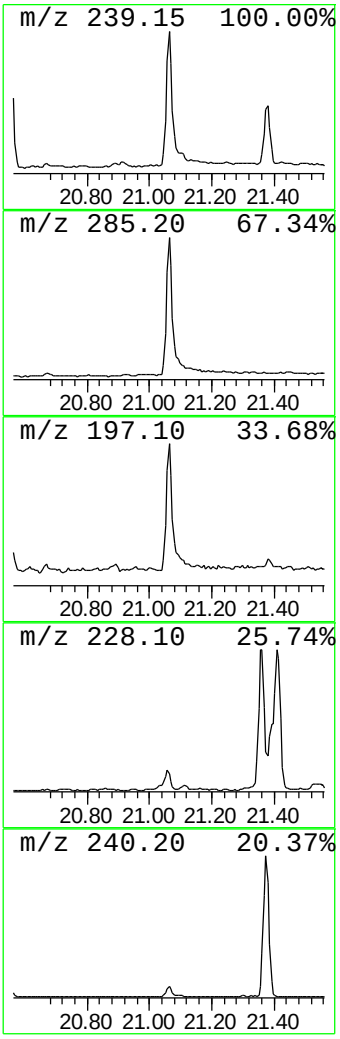
Peak Number 27 1-Phenanthrenecarboxylic ac... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	11.78 ng/ul	1922520	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	95
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	91
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91
4	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	87
5	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	76





Tentatively Identified Compound (LSC) summary

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Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.80	4.9	ng/ul	375896	3	14.44	1536160	20.0
unknown-01	17.69	9.3	ng/ul	746456	4	17.19	1609840	20.0
unknown-02	17.76	2.7	ng/ul	216902	4	17.19	1609840	20.0
unknown-03	18.04	7.2	ng/ul	577269	4	17.19	1609840	20.0
n-Hexadecanoic acid	18.09	2.9	ng/ul	233660	4	17.19	1609840	20.0
unknown-04	18.14	3.6	ng/ul	288704	4	17.19	1609840	20.0
unknown-05	18.20	21.7	ng/ul	1746430	4	17.19	1609840	20.0
4H-Cyclopenta[def...	18.26	6.6	ng/ul	534580	4	17.19	1609840	20.0
2,6-Di(2-thienyl)...	18.38	22.3	ng/ul	1794560	4	17.19	1609840	20.0
10,18-Bisnorabiet...	18.47	6.1	ng/ul	488581	4	17.19	1609840	20.0
1-Bromo-3-tert-bu...	18.62	12.6	ng/ul	1010530	4	17.19	1609840	20.0
unknown-06	18.66	4.0	ng/ul	320075	4	17.19	1609840	20.0
4b,8-Dimethyl-2-i...	18.80	95.8	ng/ul	7711620	4	17.19	1609840	20.0
1-Methyl-1-n-decy...	19.09	17.3	ng/ul	1391500	4	17.19	1609840	20.0
10,18-Bisnorabiet...	19.30	19.3	ng/ul	3150800	5	21.37	3265200	20.0
unknown-07	19.39	4.3	ng/ul	708891	5	21.37	3265200	20.0
Phosphetane, 2,2,...	19.49	5.4	ng/ul	881649	5	21.37	3265200	20.0
unknown-08	19.77	16.7	ng/ul	2721850	5	21.37	3265200	20.0
unknown-09	19.99	7.8	ng/ul	1272700	5	21.37	3265200	20.0
Phenanthrene, 1-m...	20.03	10.0	ng/ul	1628820	5	21.37	3265200	20.0
3-Trifluoromethyl...	20.25	10.2	ng/ul	1659890	5	21.37	3265200	20.0
Pyrene, 1-methyl-	20.41	5.6	ng/ul	911300	5	21.37	3265200	20.0
11H-Benzo[a]fluor...	20.86	4.5	ng/ul	727351	5	21.37	3265200	20.0
1-Phenanthrenecar...	21.06	11.8	ng/ul	1922520	5	21.37	3265200	20.0