LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012468.D
Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

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-BM102417.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	5.881	467	475	485	rBV	1761425	2642512	26.71%	1.791%
2	7.046	665	673	682	rBV2	287829	644355	6.51%	0.437%
3	7.210	695	701	707	rBV	218570	338821	3.43%	0.230%
4	7.416	729	736	742	rVB	292641	467424	4.73%	0.317%
5	7.881	807	815	823	rBV	1949083	3060901	30.94%	2.074%
6	8.581	928	934	941	rVB	346589	562071	5.68%	0.381%
7	9.034	1004	1011	1019	rBV	277341	457100	4.62%	0.310%
8	9.757	1126	1134	1140	rBV	215428	373076	3.77%	0.253%
9	10.092	1183	1191	1199	rBV	1289058	2069454	20.92%	1.402%
10	10.292	1218	1225	1237	rVB	366257	642157	6.49%	0.435%
11	10.675	1281	1290	1296	rBV	2602655	4362903	44.11%	2.956%
12	13.833	1821	1827	1831	rBV	215875	347816	3.52%	0.236%
13	13.916	1837	1841	1845	rVV	662172	935707	9.46%	0.634%
14	13.963	1845	1849	1854	rVB	351641	491105	4.96%	0.333%
15	14.204	1883	1890	1892	rBV	726012	1120121	11.32%	0.759%
16	14.233	1892	1895	1902	rVB	471766	729239	7.37%	0.494%
17	14.510	1932	1942	1949	rBV2	3869955	5890038	59.54%	3.991%
18	14.704	1970	1975	1987	rBV3	194280	492691	4.98%	0.334%
19	14.910	2004	2010	2017	rVB	227668	392603	3.97%	0.266%
20	14.986	2017	2023	2027	rVB	243290	349072	3.53%	0.237%
21	15.127	2038	2047	2052	rBV3	238173	519037	5.25%	0.352%
22	15.298	2067	2076	2079	rBV3	157806	363052	3.67%	0.246%
23	15.498	2101	2110	2115	rVV	1023127	1574439	15.92%	1.067%
24	15.551	2115	2119	2123	rVV2	222291	369776	3.74%	0.251%
25	15.768	2152	2156	2163	rVB4	130112	229663	2.32%	0.156%
26	15.863	2163	2172	2180	rBV3	366040	726942	7.35%	0.493%
27	16.227	2229	2234	2245	rVB3	307913	550321	5.56%	0.373%
28	16.557	2282	2290	2294	rBV3	246906	545833	5.52%	0.370%
29	16.604	2294	2298	2304	rVV	985116	1330773	13.45%	0.902%
30	16.710	2312	2316	2322	rVV2	165193	259343	2.62%	0.176%
31	16.786	2322	2329	2333	rVV5	149038	353140	3.57%	0.239%
32	16.827	2333	2336	2338	rVV3	172775	245433	2.48%	0.166%
33	16.857	2338	2341	2345	rVV	300554	418702	4.23%	0.284%
34	16.904	2345	2349	2356	rVV4	209658	414784	4.19%	0.281%

LSC Area Percent Report

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

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
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

35	16.980	2358	2362	2365	rVV5	123984	240267	2.43%	0.163%
36	17.015	2366	2368	2373	rVV4	146102	218584	2.21%	0.148%
37	17.068	2373	2377	2386	rVB	265475	454355	4.59%	0.308%
38	17.251	2402	2408	2412	rBV2	4651085	6742518	68.16%	4.569%
39	17.292	2412	2415	2420	rVV	3186777	4103429	41.48%	2.780%
40	17.345	2420	2424	2428	rVV	976028	1489031	15.05%	1.009%
41	17.380	2428	2430	2435	rVV	591314	768425	7.77%	0.521%
42	17.439	2435	2440	2446	rVV2	258114	555348	5.61%	0.376%
43	17.521	2451	2454	2458	rVV3	131947	273452	2.76%	0.185%
44	17.562	2458	2461	2466	rVB	189211	262729	2.66%	0.178%
45	17.768	2491	2496	2499	rVB2	172207	317917	3.21%	0.215%
46	17.827	2502	2506	2514	rVB	471456	709277	7.17%	0.481%
47	17.974	2526	2531	2537	rVB	208938	387656	3.92%	0.263%
48	18.045	2539	2543	2546	rBV3	154117	229032	2.32%	0.155%
49	18.121	2551	2556	2561	rVV	1544814	2468949	24.96%	1.673%
50	18.174	2561	2565	2570	rVV	1770891	2565430	25.93%	1.738%
51	18.251	2574	2578	2583	rVV	413324	688230	6.96%	0.466%
52	18.310	2583	2588	2593	rVV2	1765384	3342838	33.79%	2.265%
53	18.357	2593	2596	2601	rVB	1309227	1729820	17.49%	1.172%
54	18.439	2606	2610	2614	rBV3	275853	417766	4.22%	0.283%
55	18.521	2619	2624	2628	rVB3	263681	396317	4.01%	0.269%
56	18.621	2637	2641	2645	rBV2	718168	934547	9.45%	0.633%
57	18.662	2645	2648	2659	rVB3	490517	1041411	10.53%	0.706%
58	18.839	2674	2678	2680	rBV2	269234	364510	3.68%	0.247%
59	18.868	2680	2683	2687	rVV	574188	848307	8.58%	0.575%
60	18.921	2688	2692	2695	rVV	769805	1031912	10.43%	0.699%
61	18.957	2695	2698	2702	rVB2	506907	648678	6.56%	0.440%
62	19.039	2707	2712	2716	rBV	1874481	2824639	28.55%	1.914%
63	19.098	2716	2722	2726	rVV3	781606	1737919	17.57%	1.178%
64	19.133	2726	2728	2731	rVB	626276	623558	6.30%	0.423%
65	19.180	2731	2736	2743	rBV3	861472	1811847	18.32%	1.228%
66	19.304	2752	2757	2763	rVB	5151455	6627978	67.00%	4.491%
67	19.368	2763	2768	2771	rBV	418462	663401	6.71%	0.450%
68	19.404	2771	2774	2779	rVV2	496176	730267	7.38%	0.495%
69	19.451	2779	2782	2786	rVB2	269903	318496	3.22%	0.216%
70	19.498	2787	2790	2793	rVB2	304460	351761	3.56%	0.238%
71	19.545	2794	2798	2801	rBV2	345247	468923	4.74%	0.318%

LSC Area Percent Report

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

72	19.574	2801	2803	2808	rVB3	275578	372864	3.77%	0.253%
73	19.639	2808	2814	2815	rBV3	1345882	1999842	20.22%	1.355%
74	19.662	2815	2818	2826	rVB	5610094	8234376	83.24%	5.580%
75	19.745	2827	2832	2837	rVB2	755602	1219627	12.33%	0.826%
76	19.798	2837	2841	2842	rBV4	176705	238832	2.41%	0.162%
77	19.898	2855	2858	2865	rVB3	485170	768228	7.77%	0.521%
78	19.986	2868	2873	2884	rBV4	921780	2543232	25.71%	1.723%
79	20.074	2884	2888	2891	rBV4	278530	429142	4.34%	0.291%
80	20.127	2892	2897	2899	rVV4	656335	1202364	12.15%	0.815%
81	20.156	2899	2902	2906	rVB	1141547	1457400	14.73%	0.988%
82	20.256	2916	2919	2924	rVB2	506761	619759	6.27%	0.420%
83	20.315	2925	2929	2934	rVB	1346152	1726199	17.45%	1.170%
84	20.456	2949	2953	2956	rBV	1298025	1537227	15.54%	1.042%
85	20.503	2957	2961	2964	rVB	992526	1291383	13.05%	0.875%
86	20.903	3025	3029	3036	rVB	910819	1494031	15.10%	1.012%
87	20.992	3041	3044	3048	rBV	368494	421333	4.26%	0.285%
88	21.051	3050	3054	3055	rBV3	536659	686447	6.94%	0.465%
89	21.121	3061	3066	3075	rBV3	2984855	4369002	44.17%	2.960%
90	21.198	3076	3079	3085	rVB2	527054	812880	8.22%	0.551%
91	21.421	3110	3117	3120	rBV2	5342378	9892011	100.00%	6.703%
92	21.456	3120	3123	3133	rVB	2892348	3973794	40.17%	2.693%
93	21.592	3143	3146	3150	rVB2	947277	1070762	10.82%	0.726%
94	21.650	3152	3156	3160	rVB	1400323	1804428	18.24%	1.223%
95	21.986	3210	3213	3217	rVB	1019678	1223997	12.37%	0.829%
96	22.039	3219	3222	3227	rVB	861406	1094443	11.06%	0.742%
97	23.033	3387	3391	3397	rBV2	1502382	3403702	34.41%	2.306%
98	23.527	3472	3475	3480	rVB	1048409	1546104	15.63%	1.048%
99	23.627	3488	3492	3501	rVB	1788093	3333171	33.70%	2.259%
100	23.733	3504	3510	3515	rVV	2696283	5154048	52.10%	3.492%

Sum of corrected areas: 147580556

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Instrument :
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ClientSampleId :
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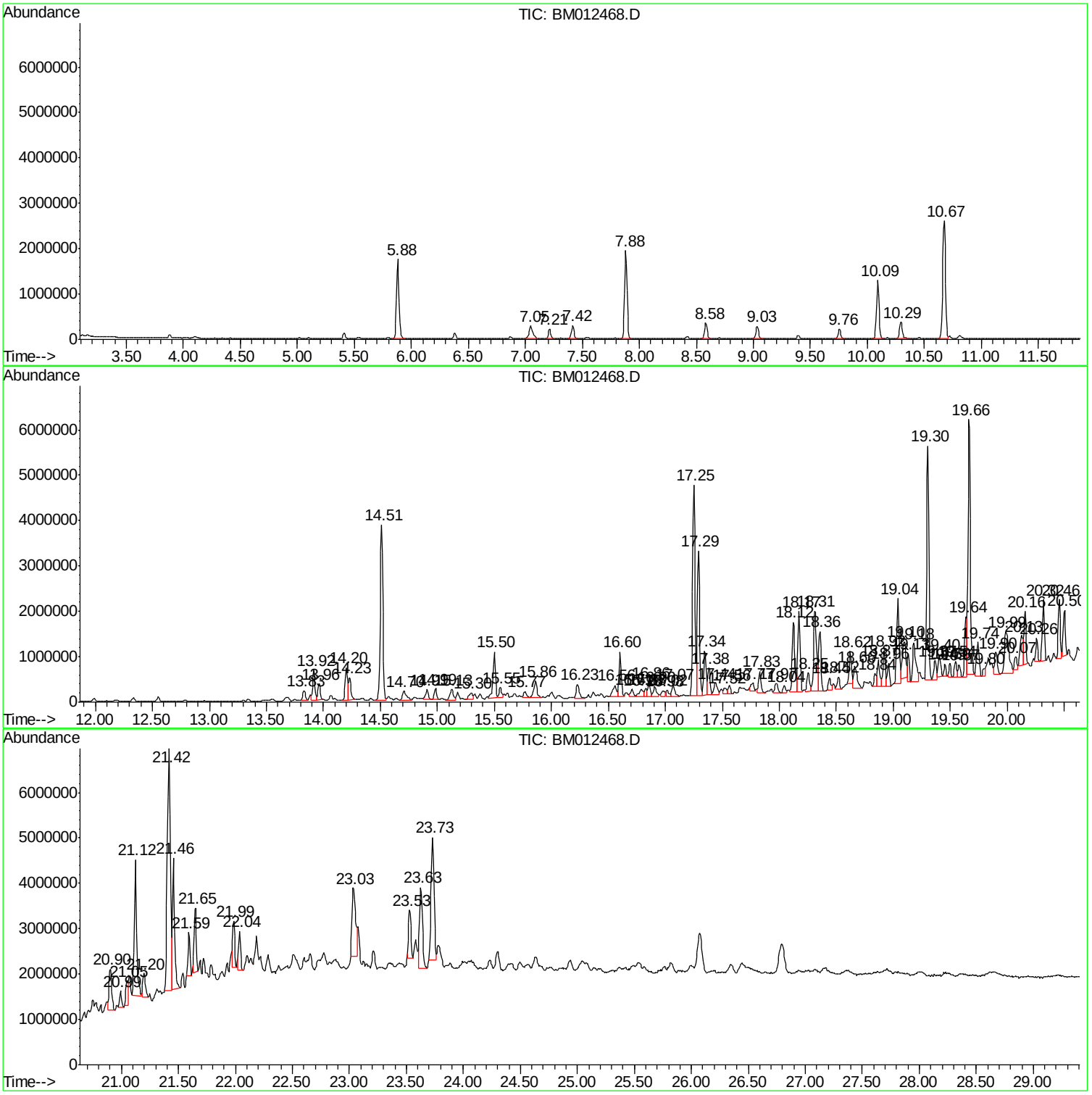
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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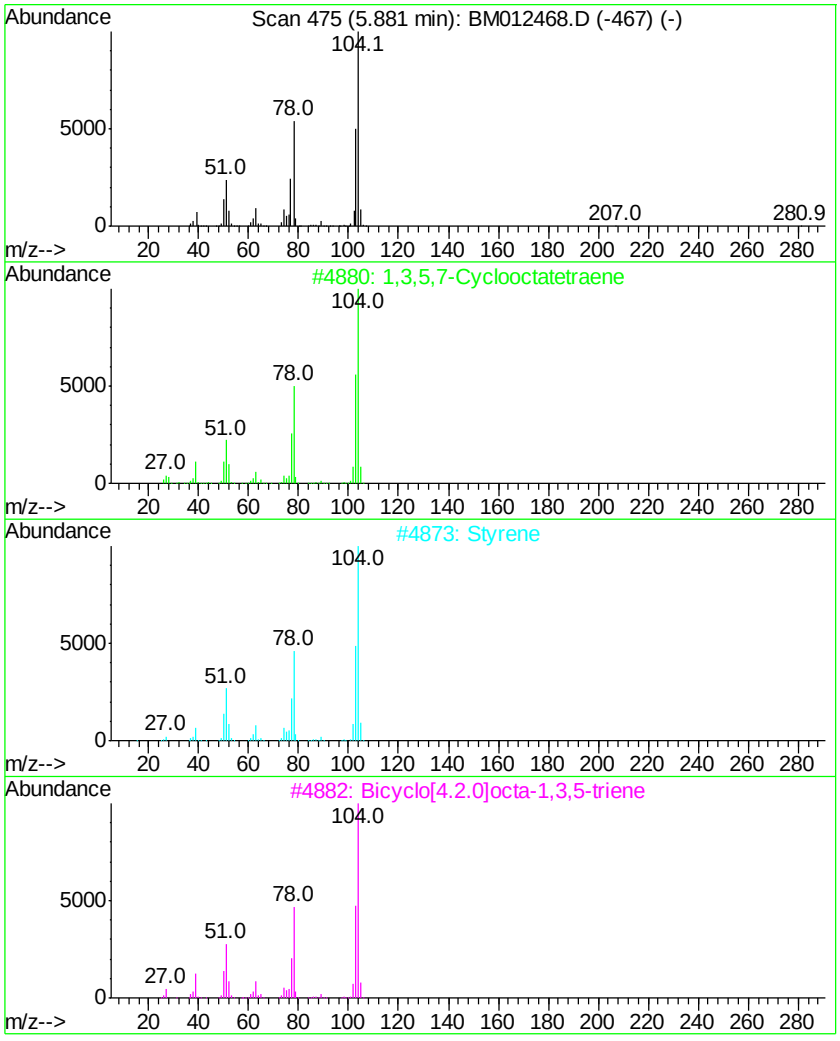
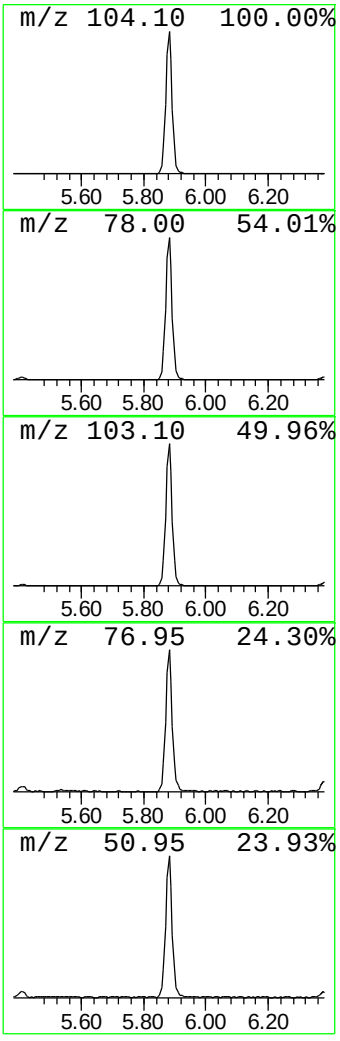
****

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	17.27 ng/ul	2642510	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2	Styrene	104	C8H8	000100-42-5	96
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
4	Styrene	104	C8H8	000100-42-5	95
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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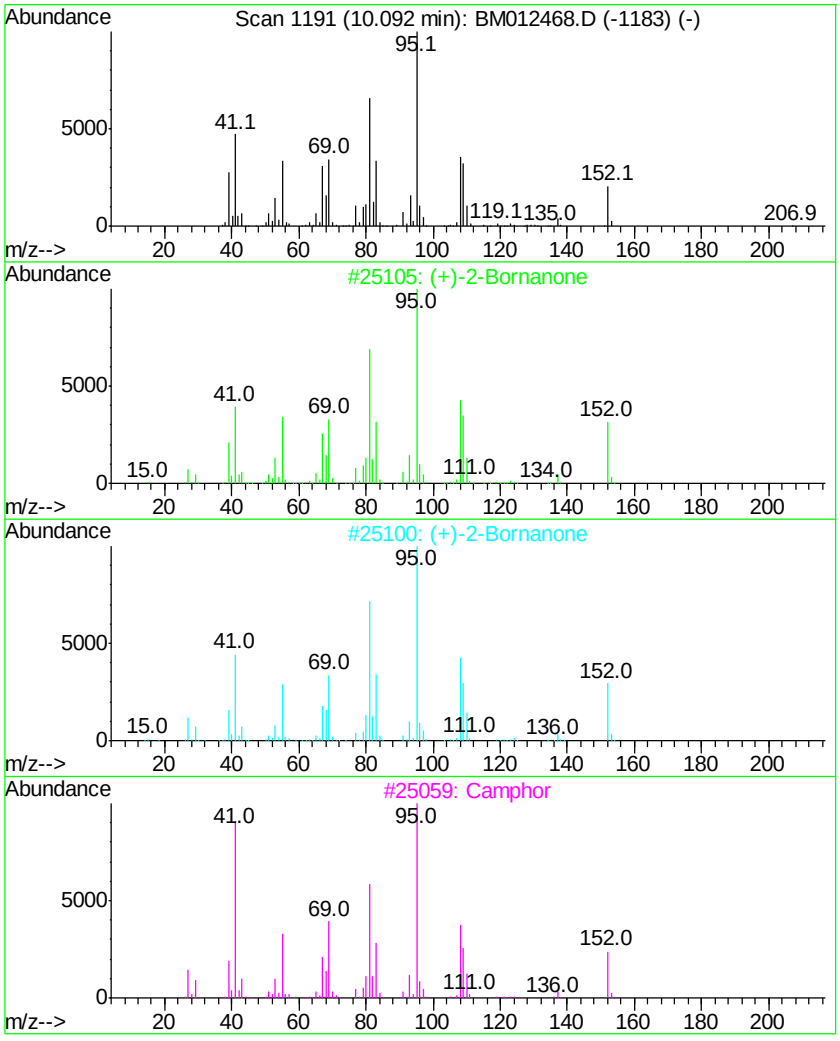
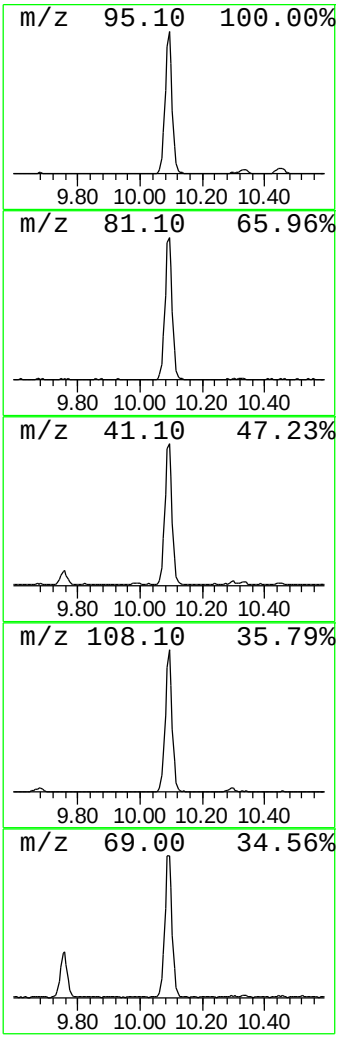
****

Peak Number 2 (+)-2-Bornanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	9.49 ng/ul	2069450	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
3	Camphor	152	C10H16O	000076-22-2	97
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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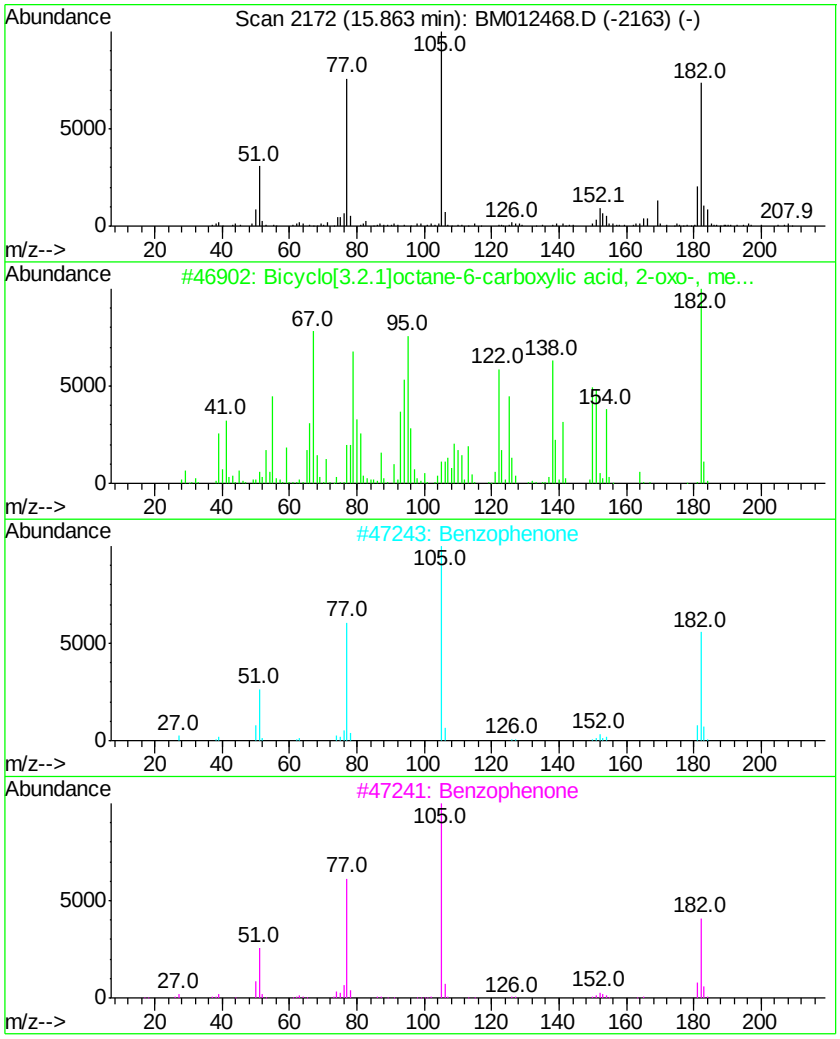
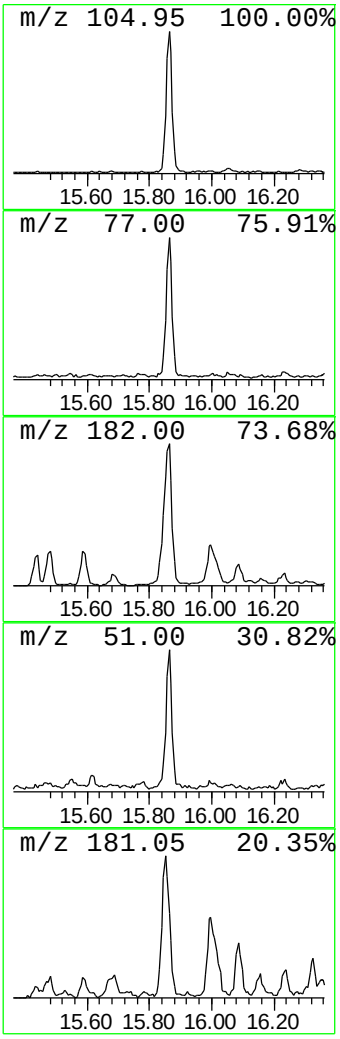
Peak Number 3 Bicyclo[3.2.1]octane-6-carb... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.47 ng/ul	726942	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane-6-carboxyli...	182	C10H14O3	1000362-16-3	91
2	Benzophenone	182	C13H10O	000119-61-9	87
3	Benzophenone	182	C13H10O	000119-61-9	87
4	Benzophenone	182	C13H10O	000119-61-9	81
5	Benzophenone	182	C13H10O	000119-61-9	80





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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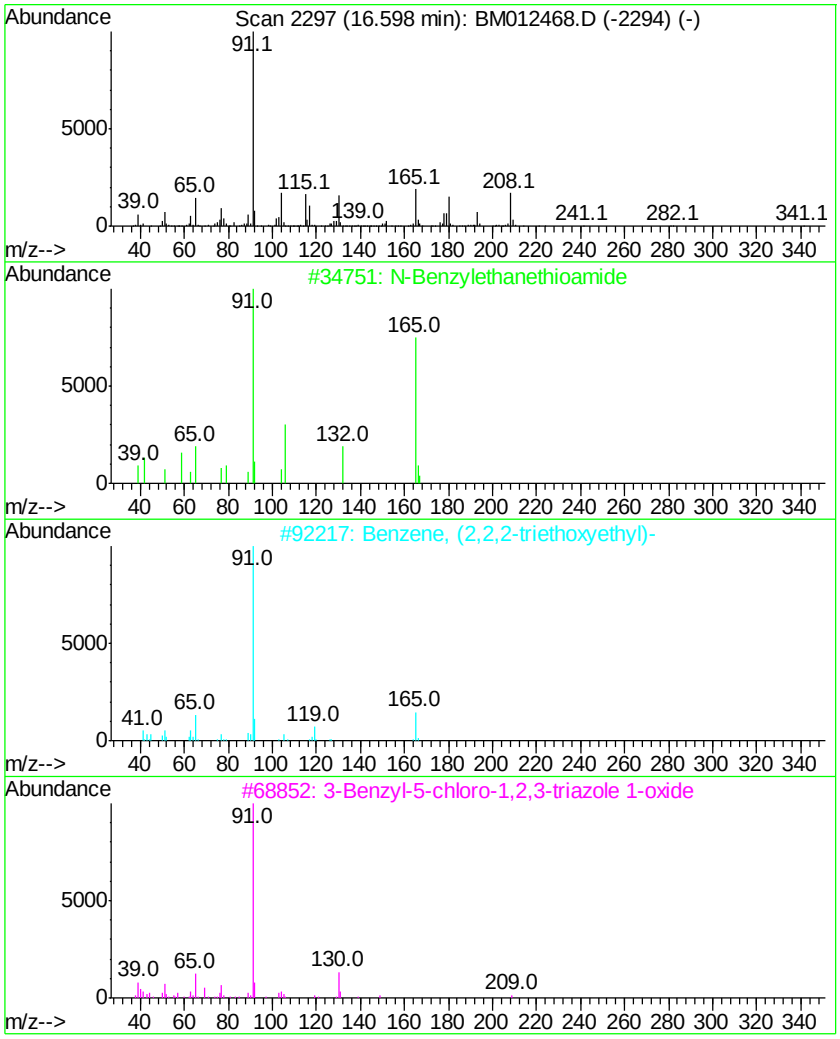
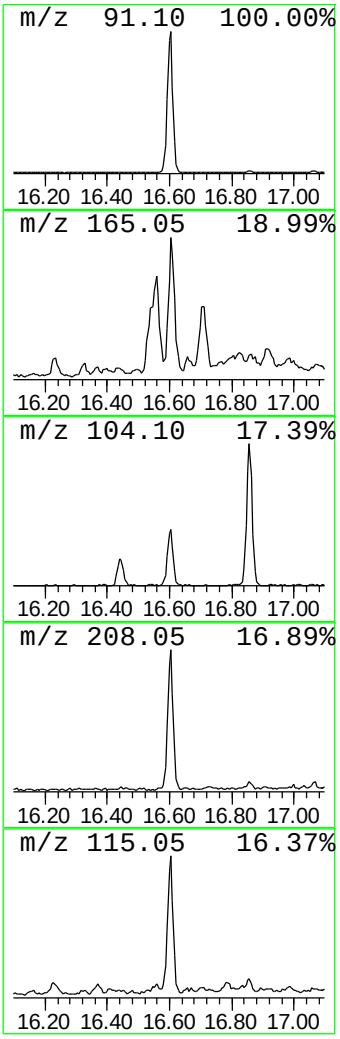
Peak Number 4 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	3.95 ng/ul	1330770	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzylethanethioamide	165	C9H11NS	014309-88-7	27
2	Benzene, (2,2,2-triethoxyethyl)-	238	C14H22O3	016754-56-6	22
3	3-Benzyl-5-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-67-3	15
4	5-Phenylvaleric acid	178	C11H14O2	002270-20-4	12
5	3-Benzyl-4-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-63-9	11





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Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

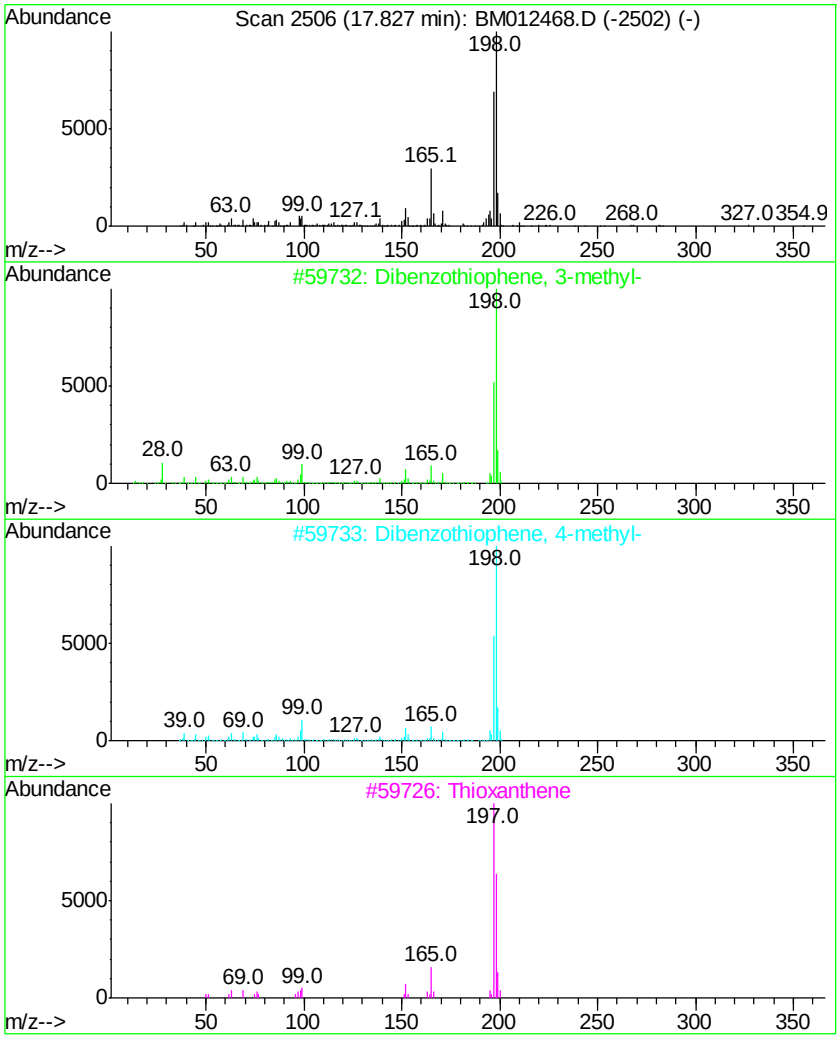
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

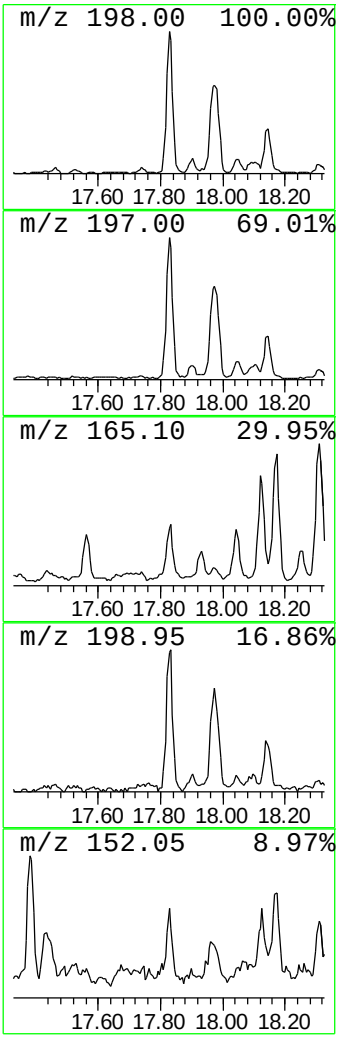
****

Peak Number 5 Dibenzothiophene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.10 ng/ul	709277	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	Thioxanthene	198	C13H10S	000261-31-4	86
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	80





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Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

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Quant Title : SVOA CALIBRATION

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

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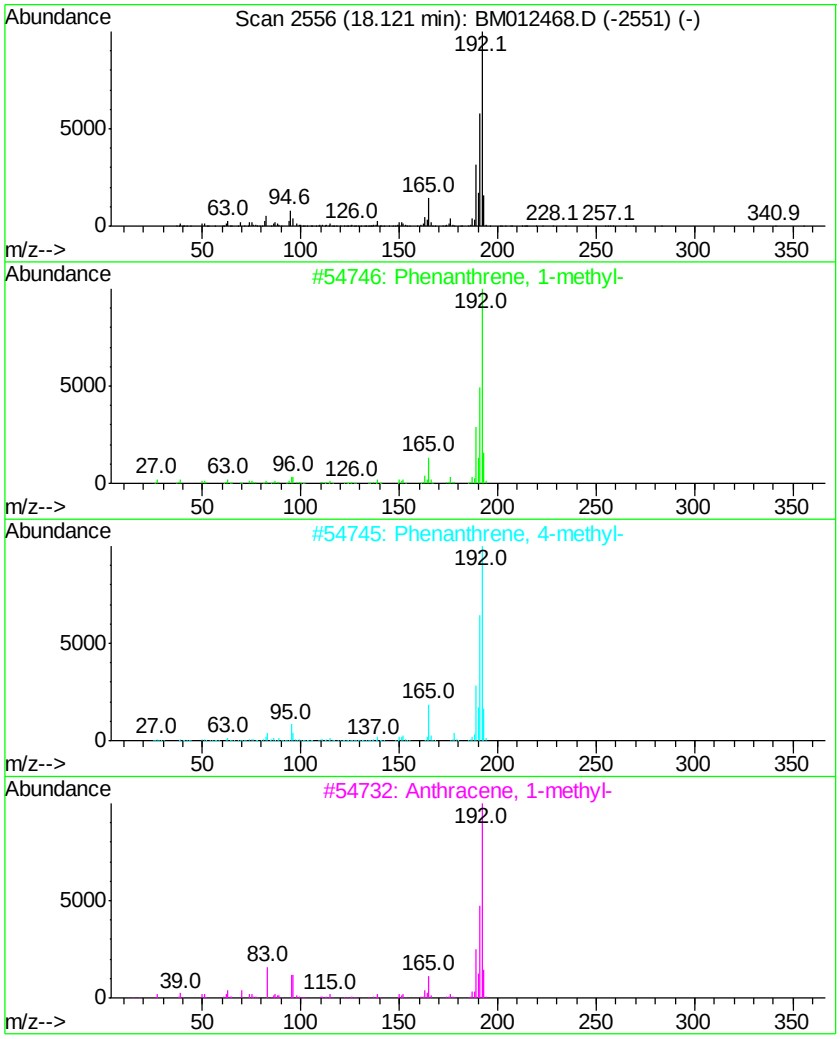
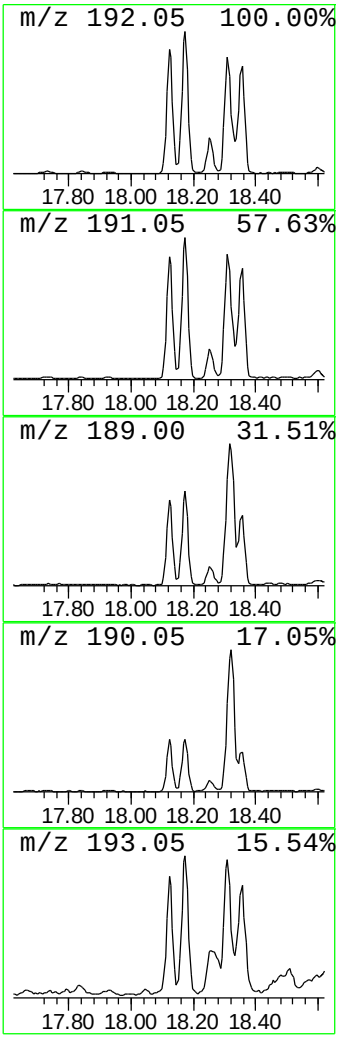
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	7.32 ng/ul	2468950	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Instrument : BNA_M
ClientSampleId : B0CK4DL

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Quant Title : SVOA CALIBRATION

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

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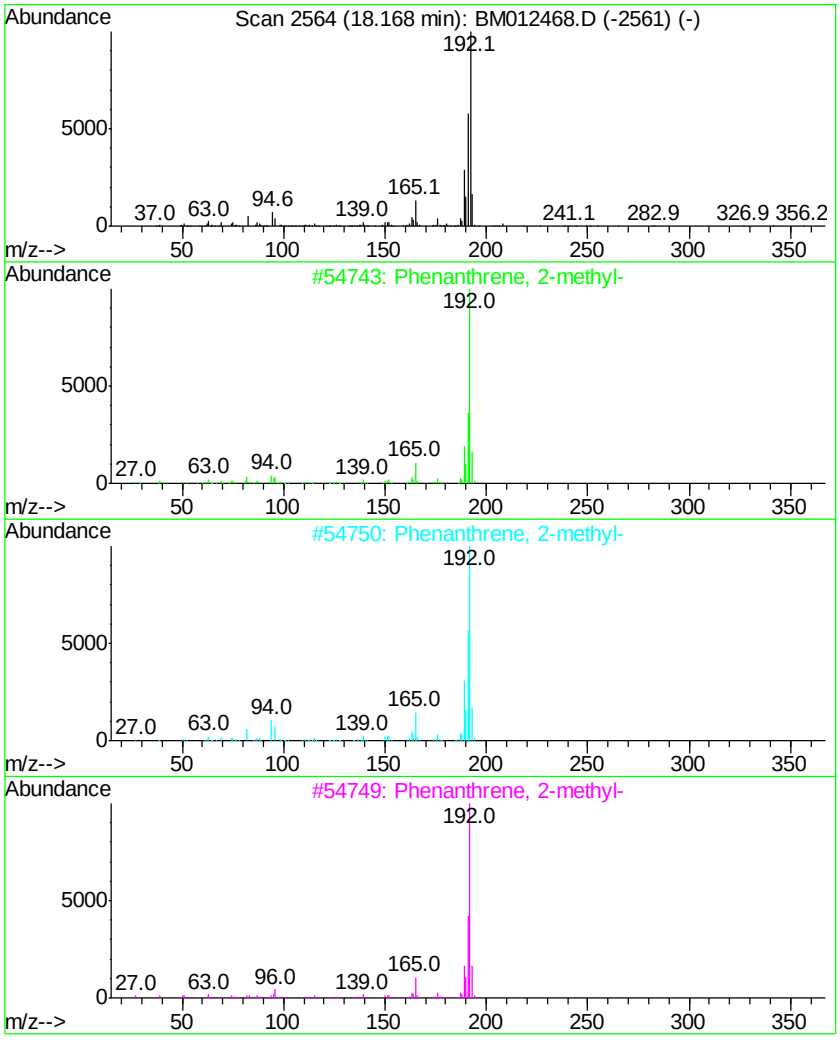
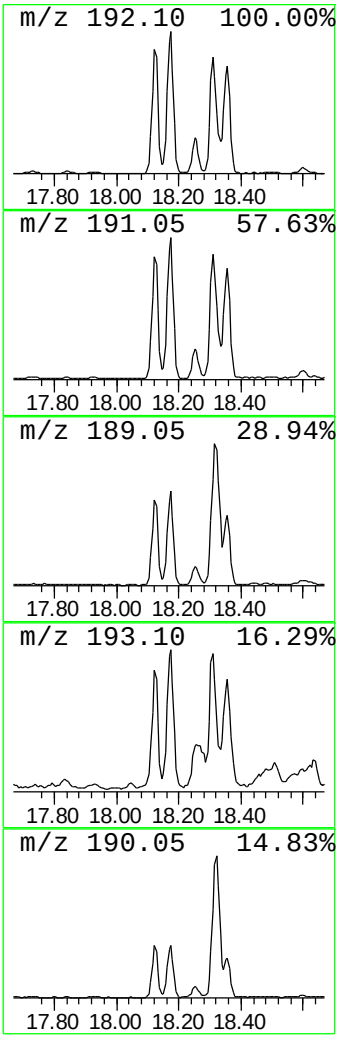
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	7.61 ng/ul	2565430	Phenanthrene-d10	17.25

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





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Quant Title : SVOA CALIBRATION

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

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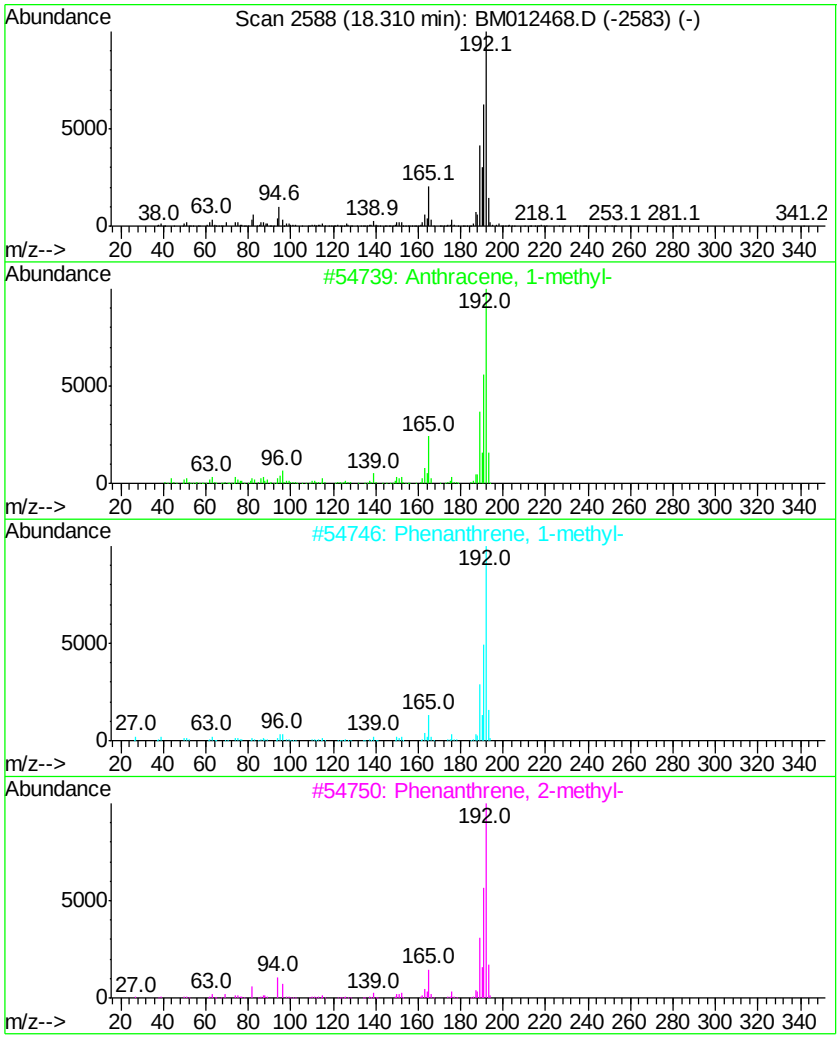
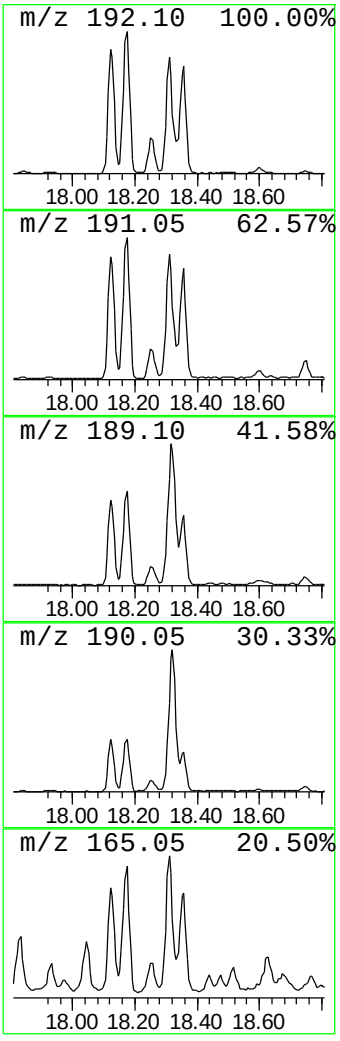
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	9.92 ng/ul	3342840	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70





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ClientSampleId : B0CK4DL

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Quant Title : SVOA CALIBRATION

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

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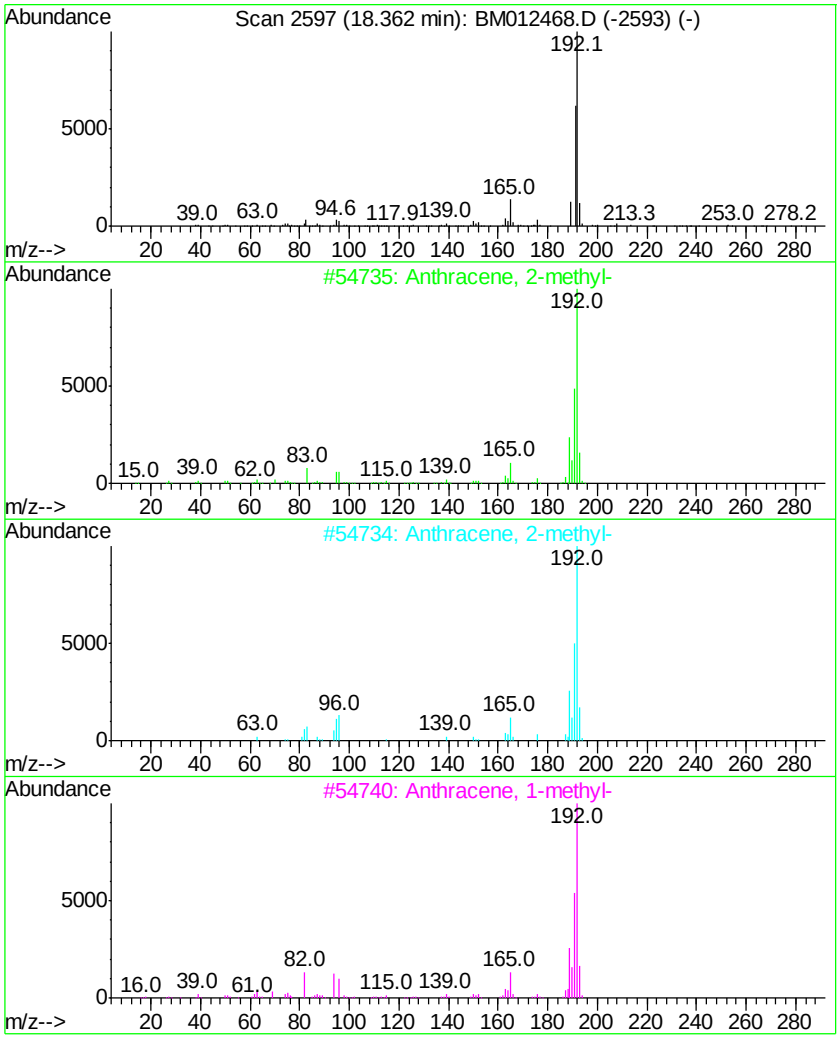
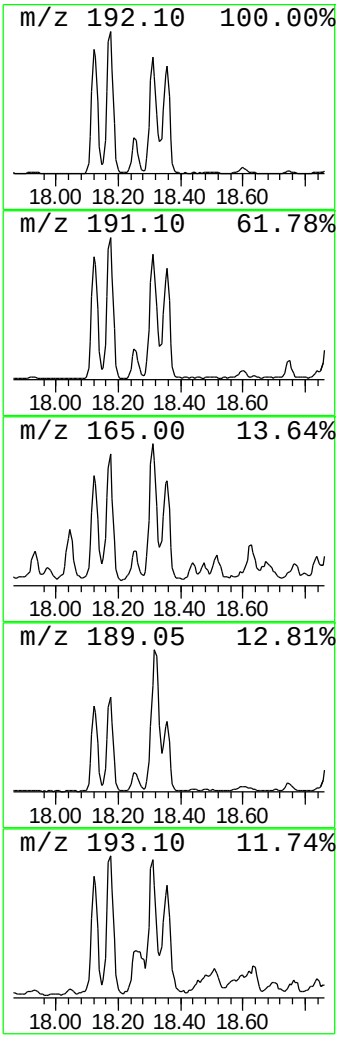
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	5.13 ng/ul	1729820	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





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Quant Title : SVOA CALIBRATION

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

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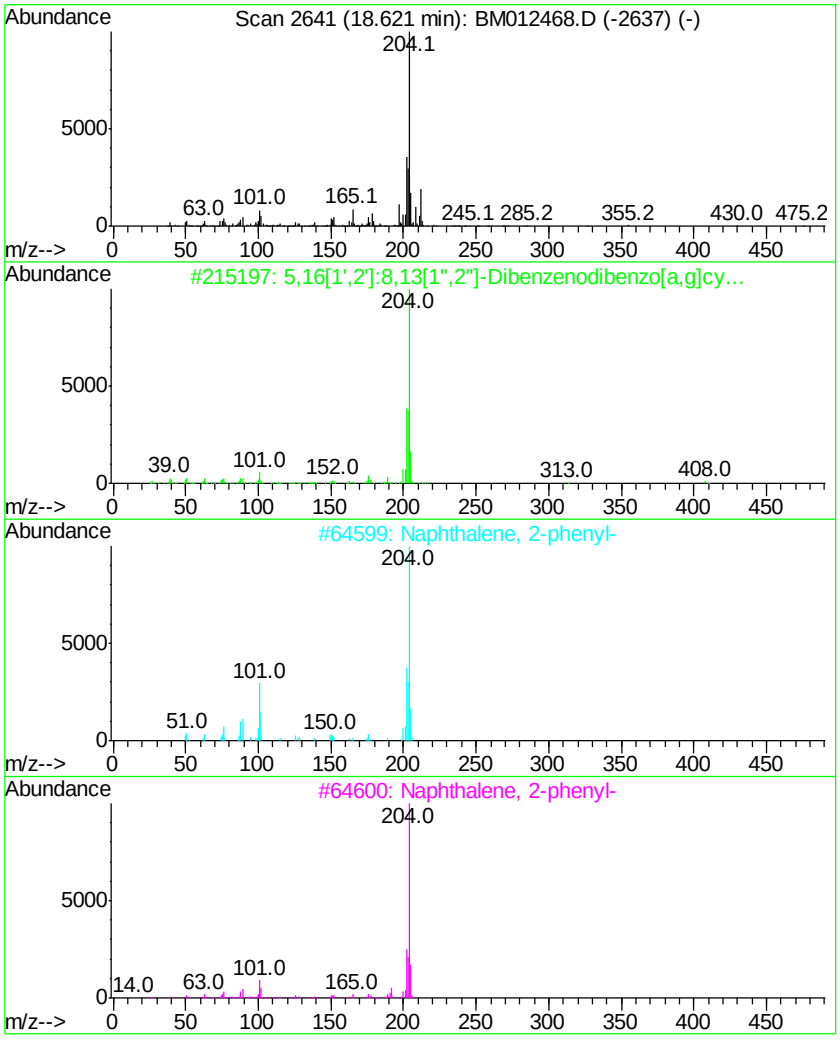
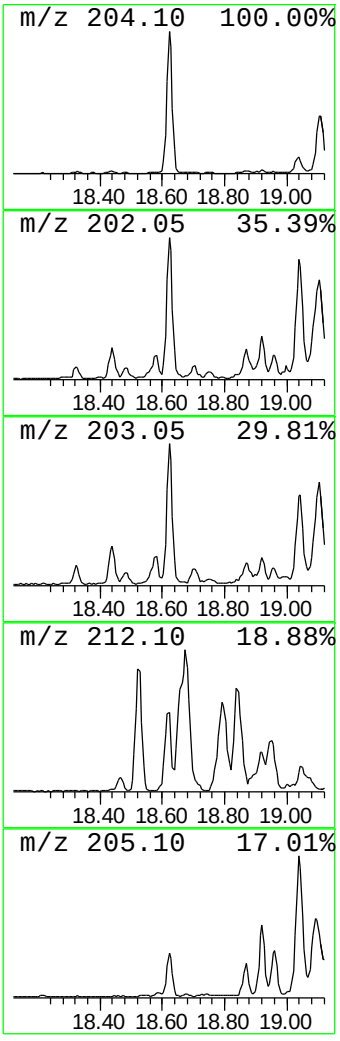
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.77 ng/ul	934547	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55





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Quant Title : SVOA CALIBRATION

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

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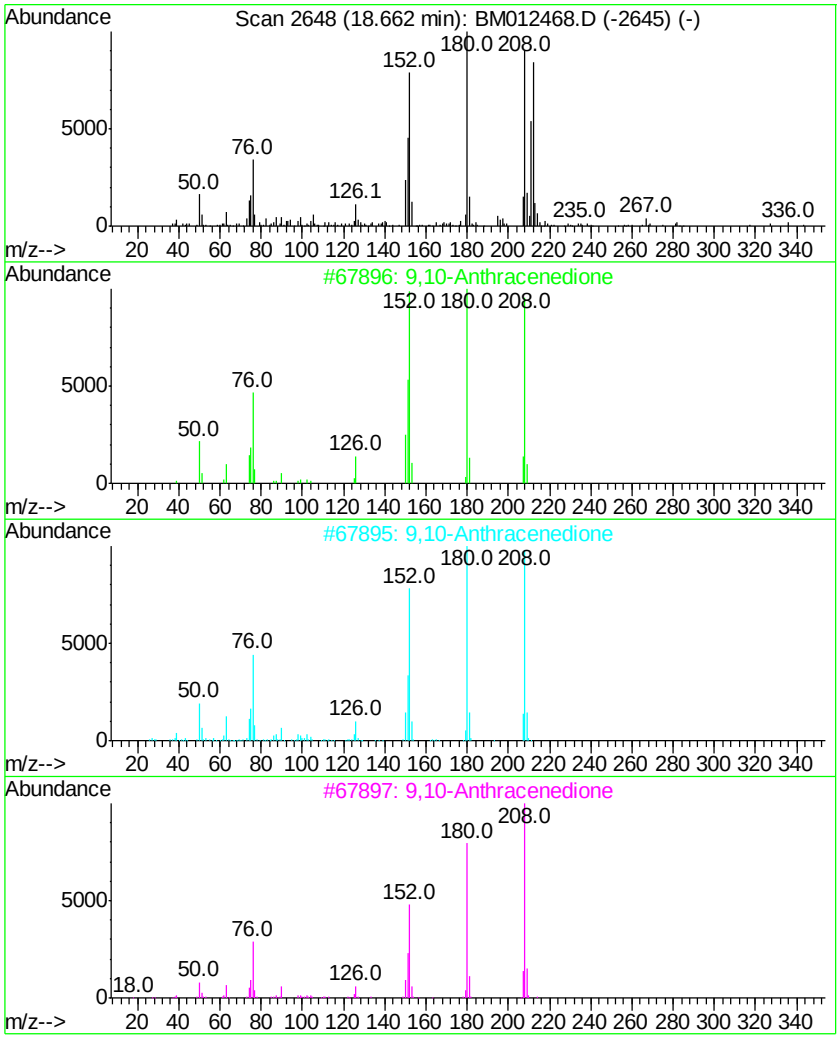
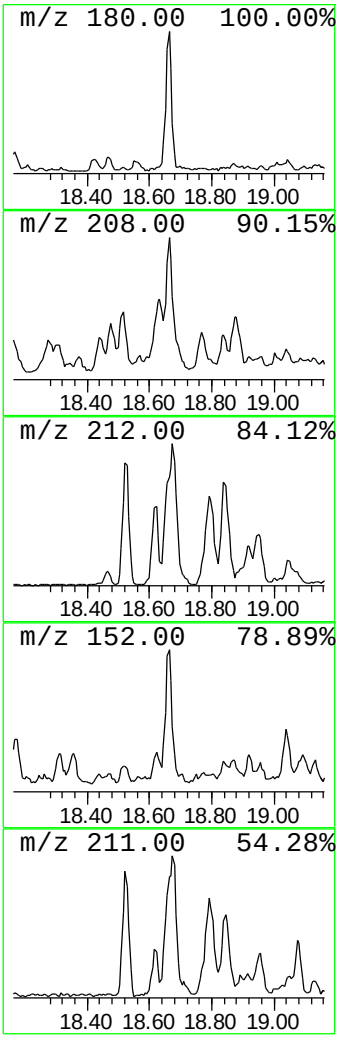
Peak Number 12 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	3.09 ng/ul	1041410	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	45
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	45





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Quant Title : SVOA CALIBRATION

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

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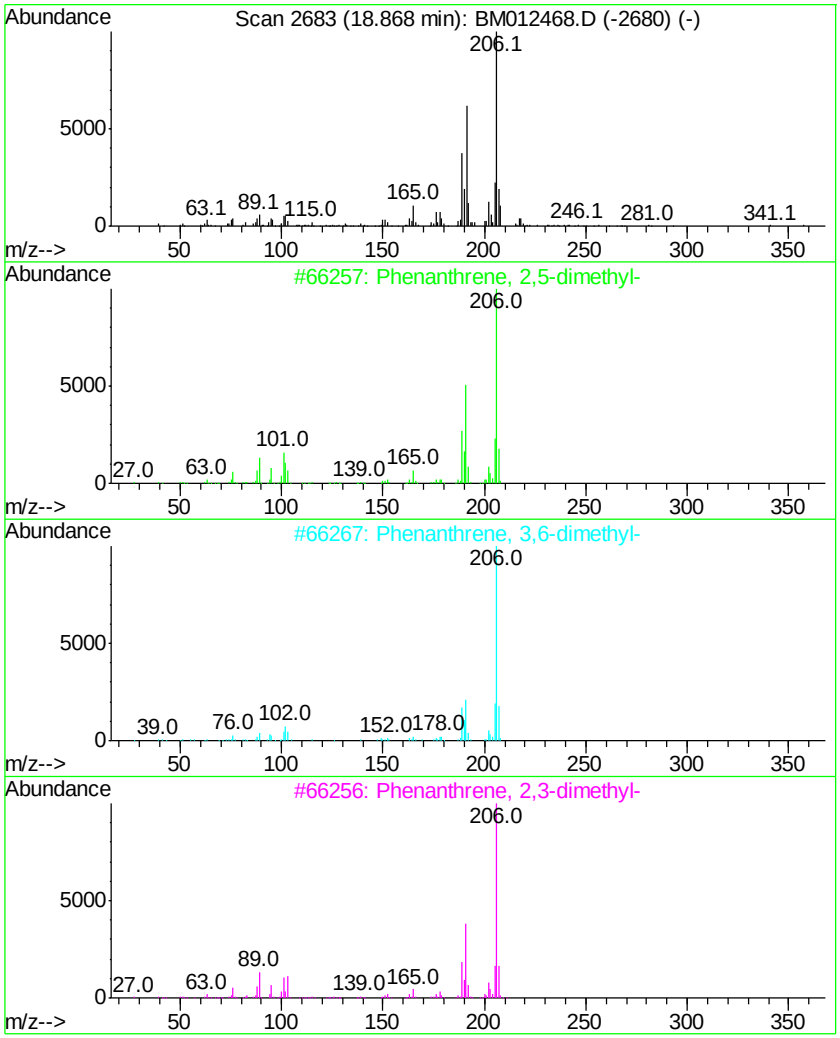
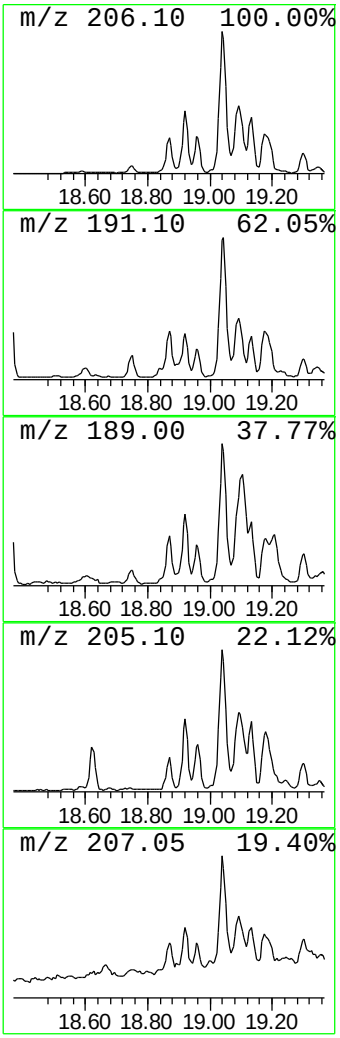
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.52 ng/ul	848307	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Quant Title : SVOA CALIBRATION

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

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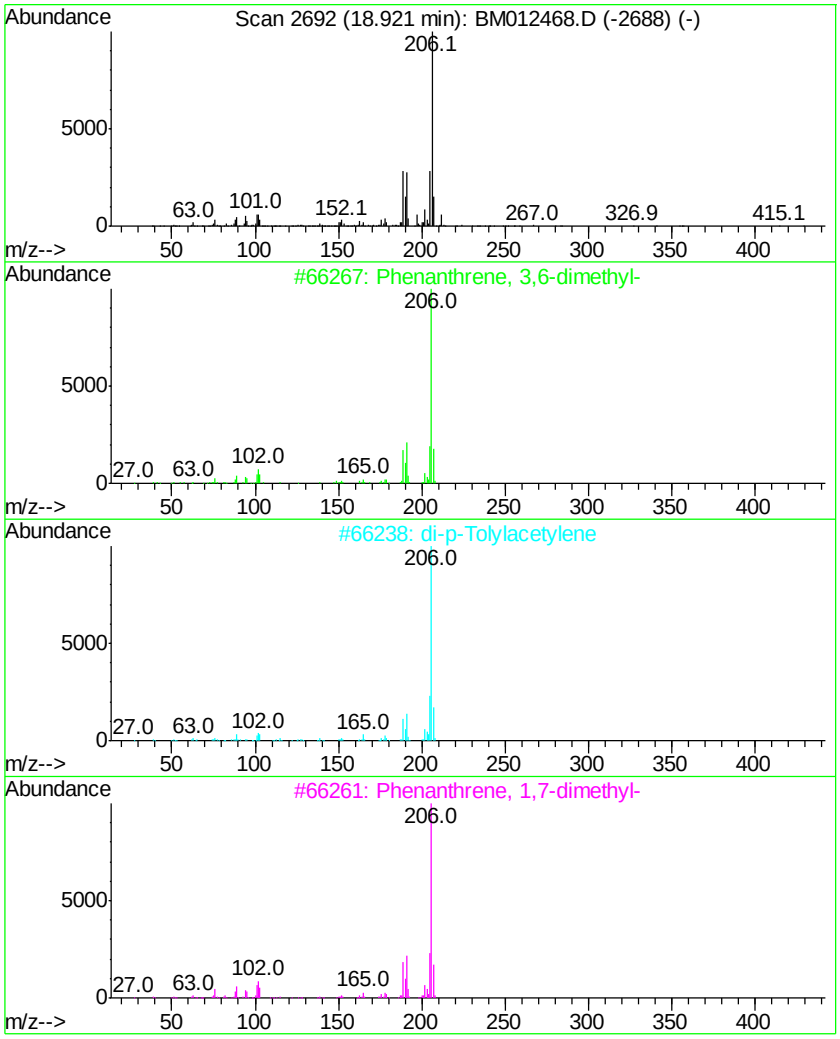
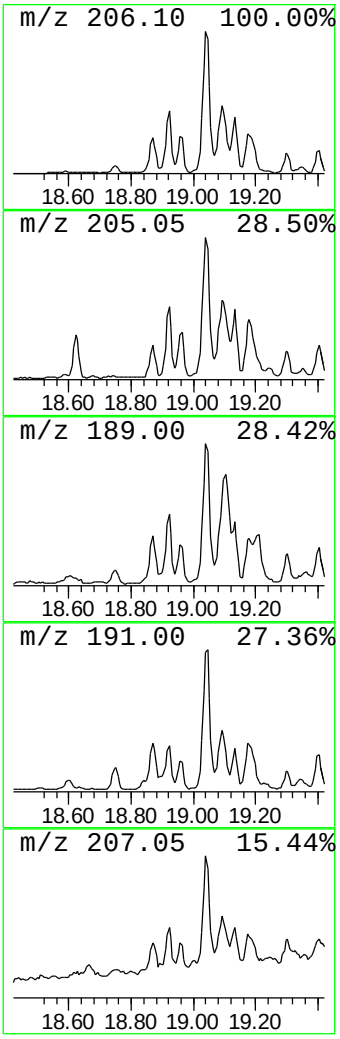
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.06 ng/ul	1031910	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	80
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	78
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	72





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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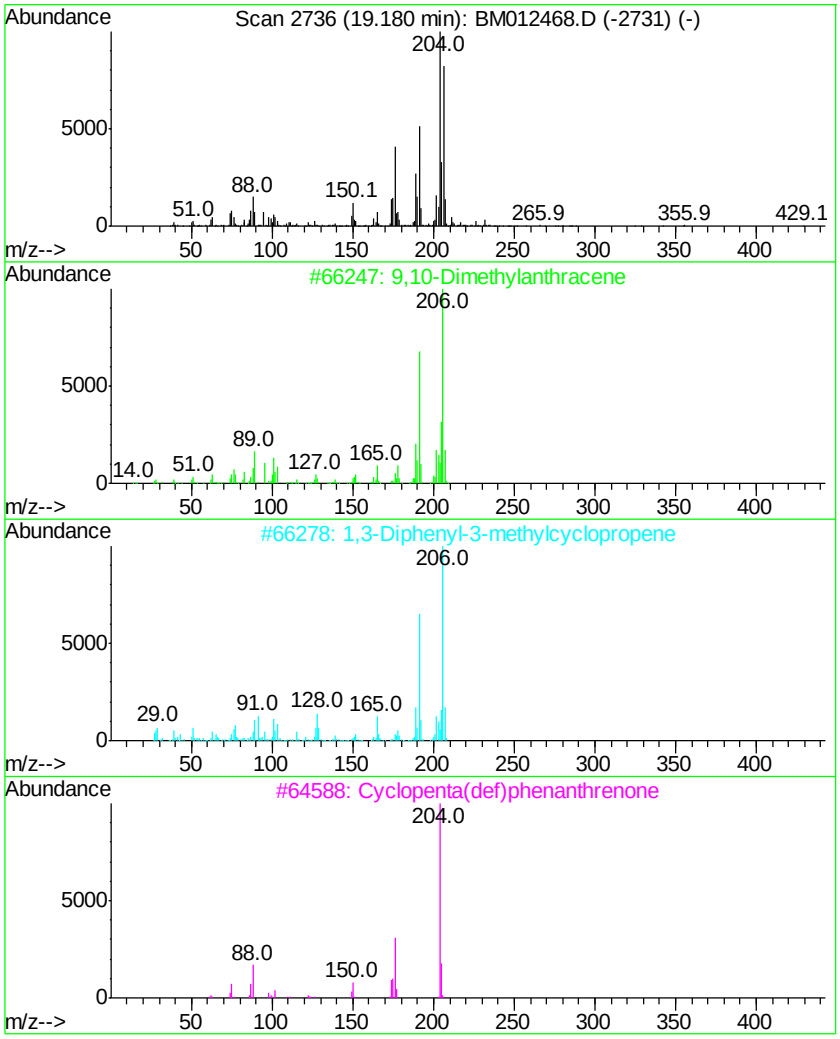
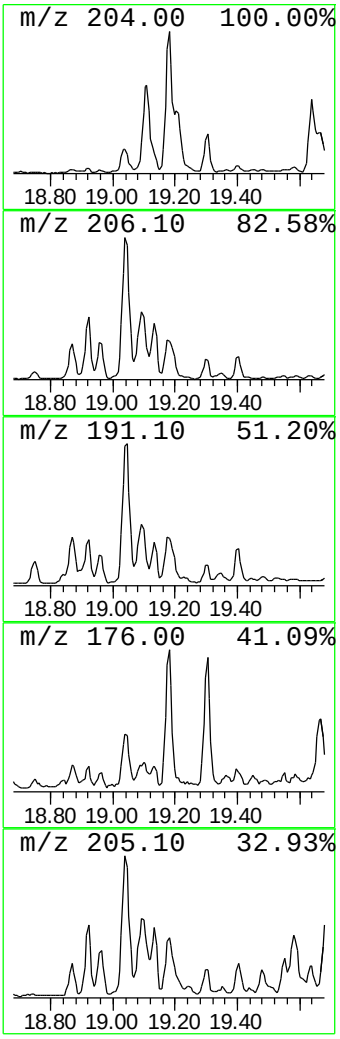
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	5.37 ng/ul	1811850	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	86
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	64
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	64





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Quant Title : SVOA CALIBRATION

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

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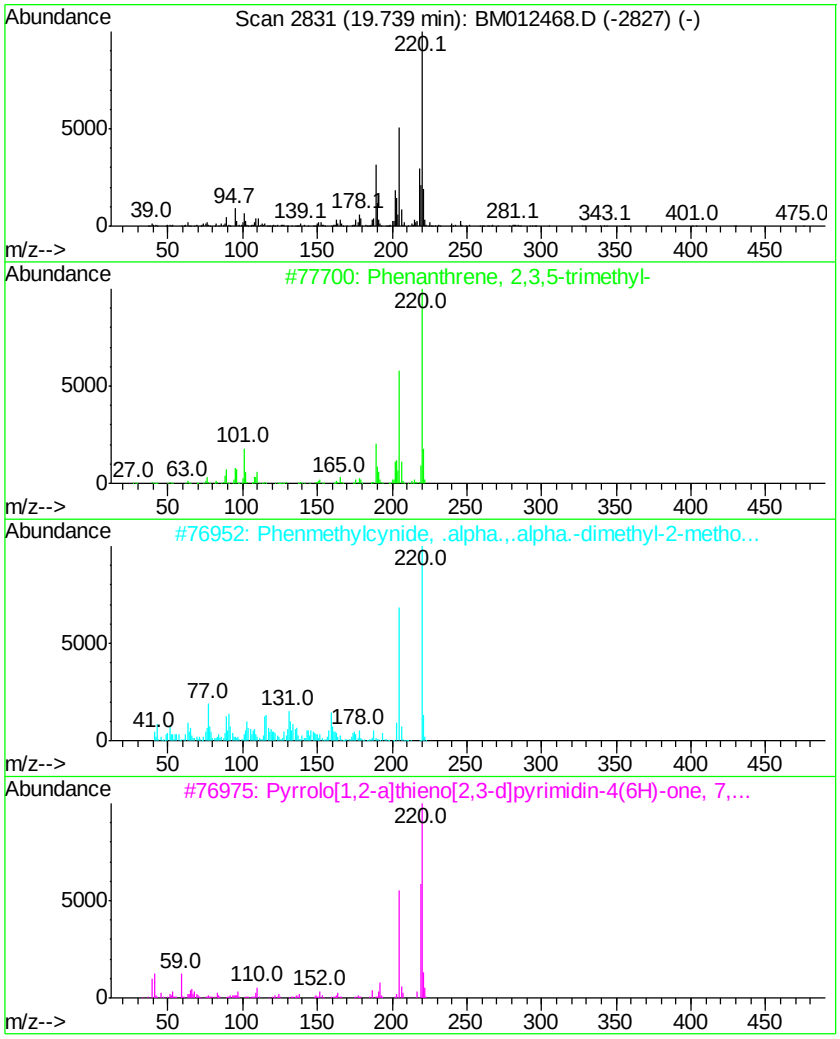
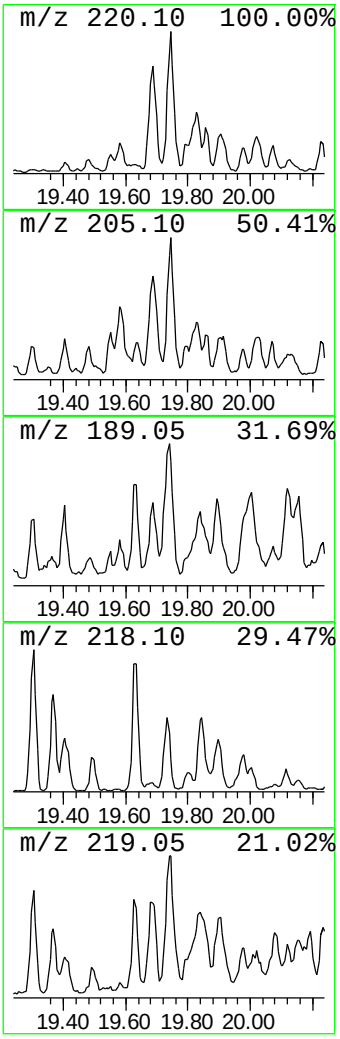
Peak Number 18 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.47 ng/ul	1219630	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	81
2	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	53
3	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	53
4	2-Benzofurancarboxylic acid, 6-m...	220	C12H12O4	1000349-99-8	52
5	1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	52





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Quant Title : SVOA CALIBRATION

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

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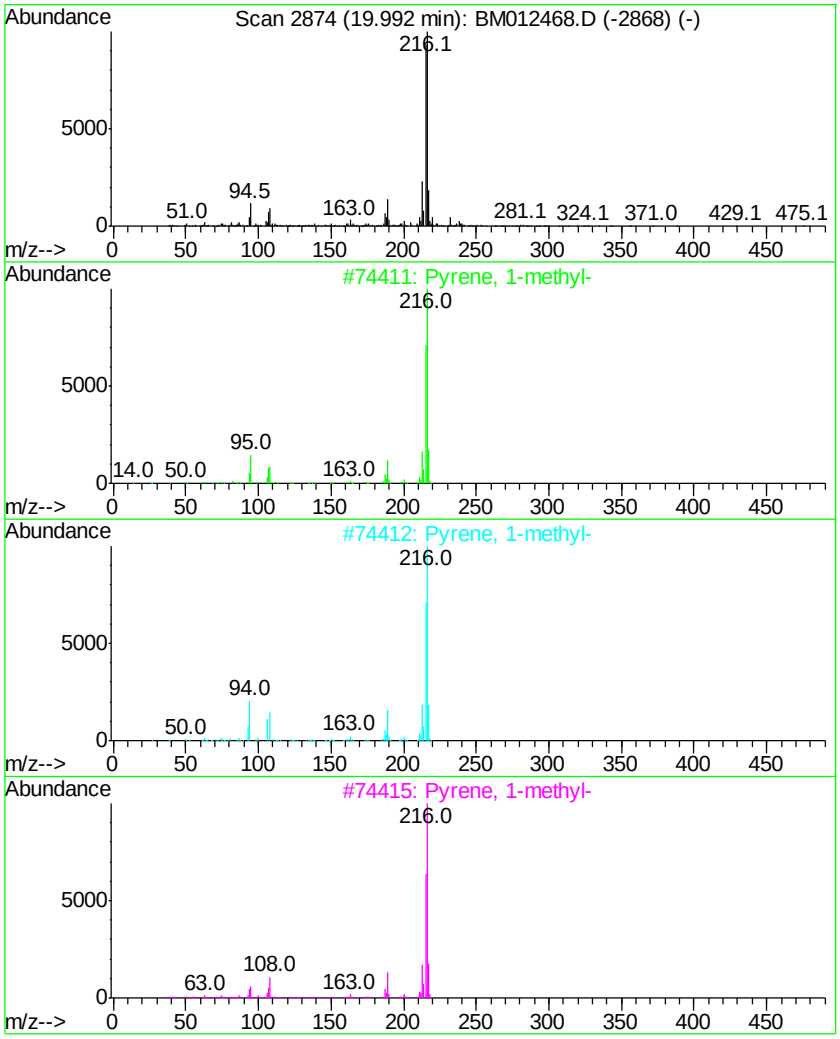
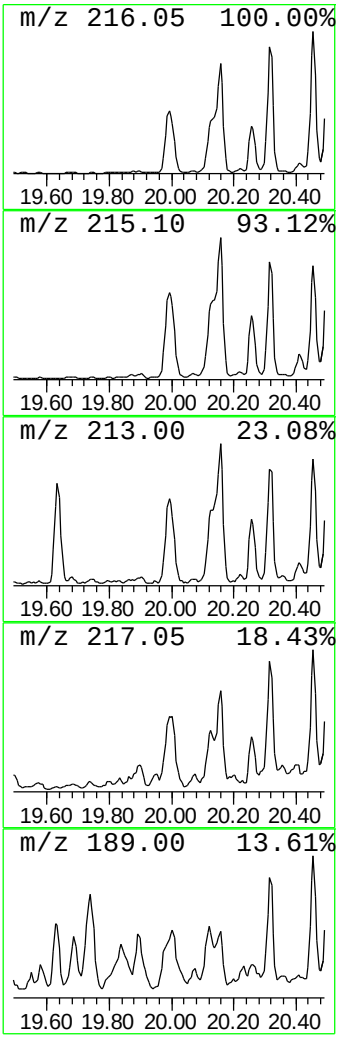
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	5.14 ng/ul	2543230	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

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Quant Title : SVOA CALIBRATION

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

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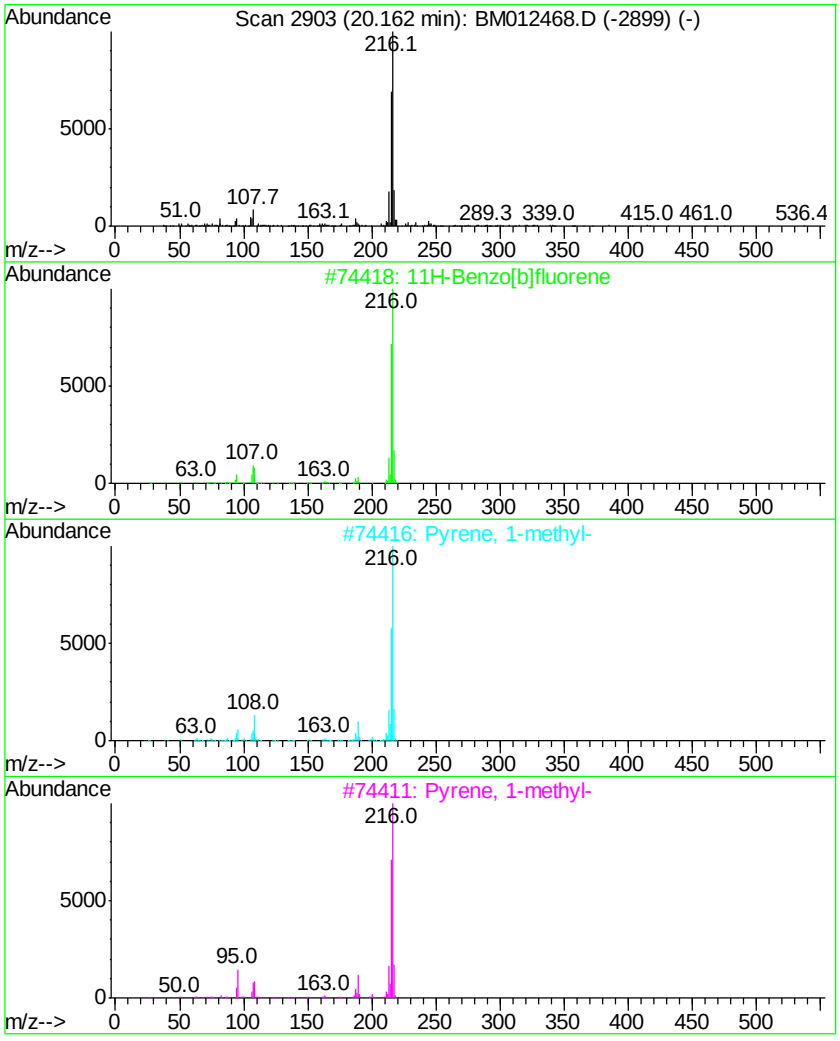
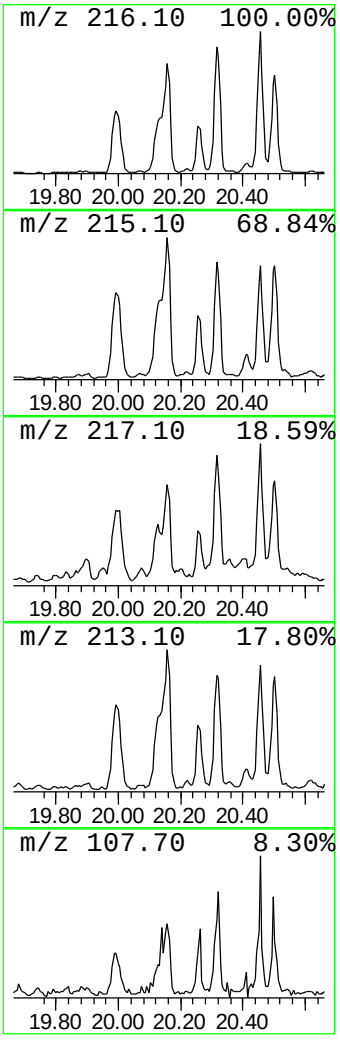
Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.95 ng/ul	1457400	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Data File : BM012468.D
Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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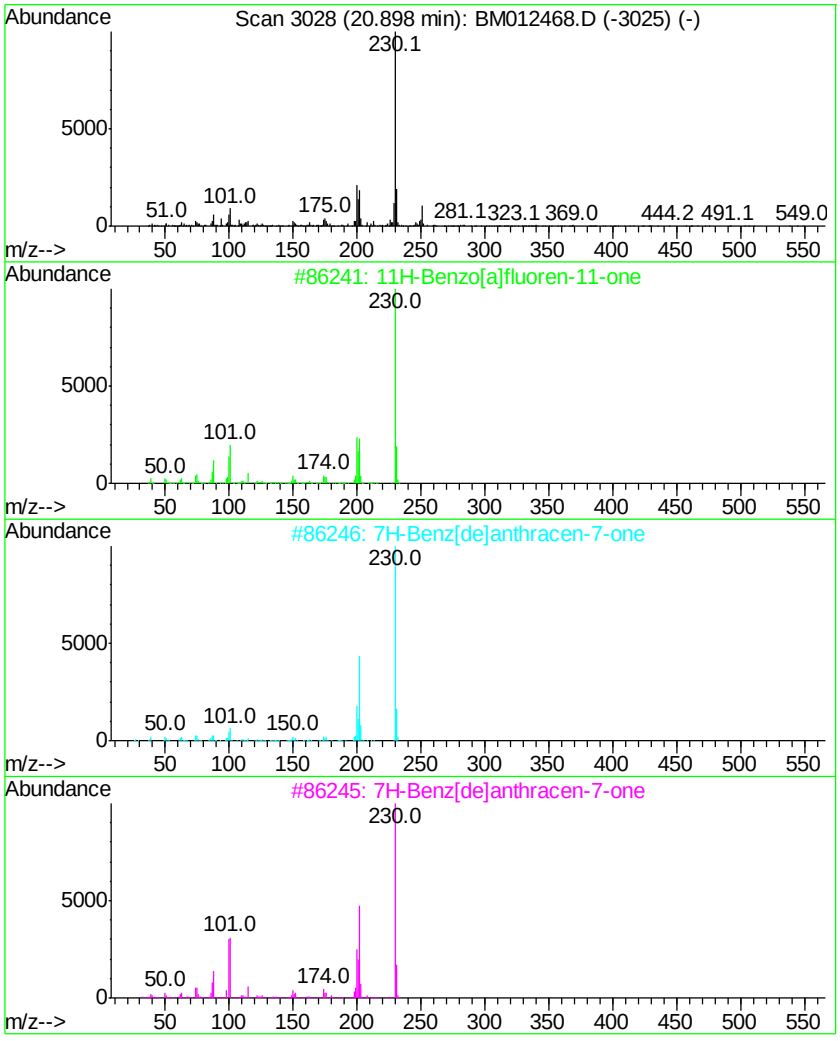
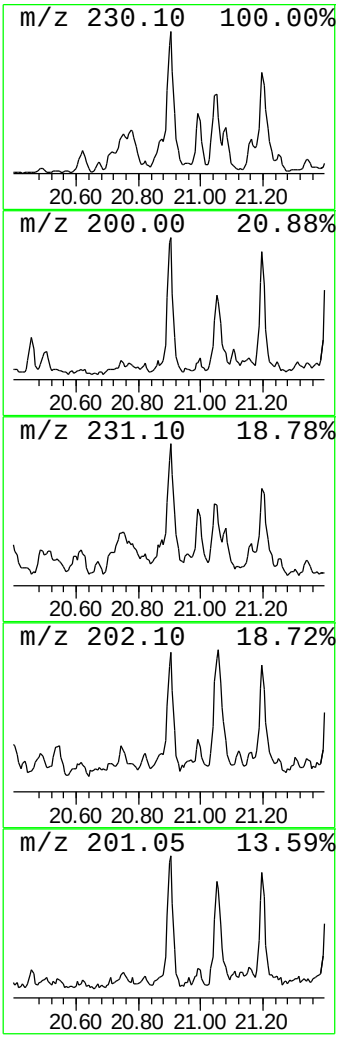
Peak Number 25 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.02 ng/ul	1494030	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	Benzo(b)phenazine	230	C16H10N2	000257-97-6	64





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Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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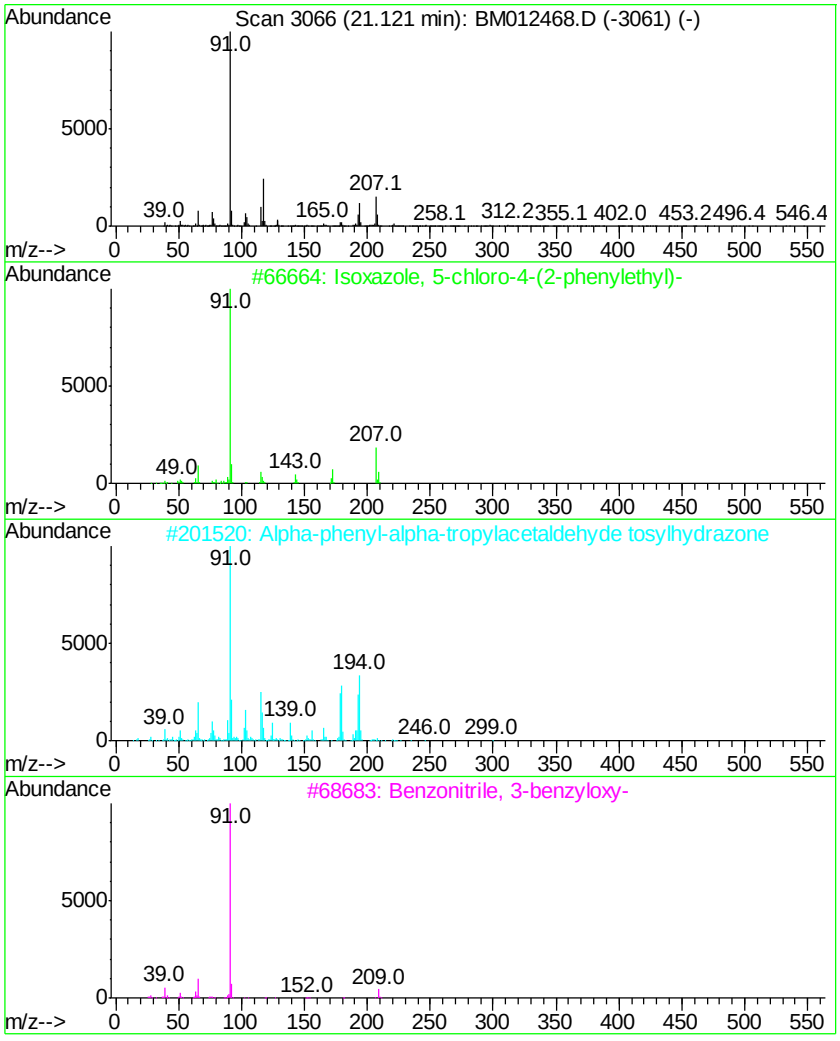
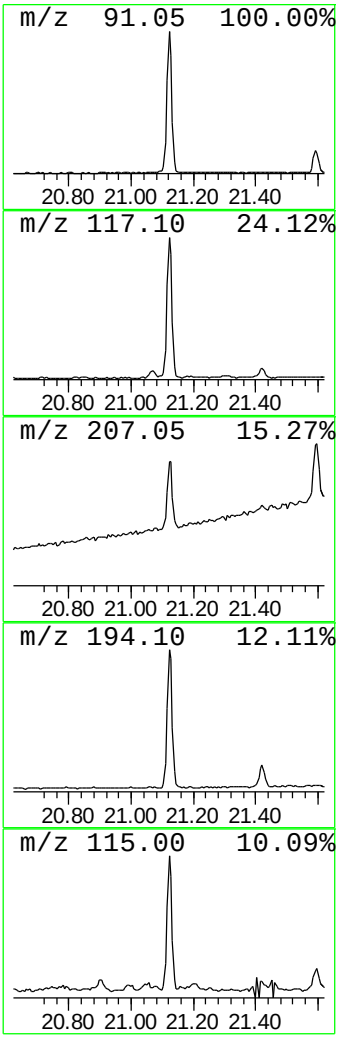
Peak Number 26 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	8.83 ng/ul	4369000	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazole, 5-chloro-4-(2-phenyle...	207	C11H10ClNO	1000362-09-0	17
2	Alpha-phenyl-alpha-tropylacetald...	378	C22H22N2O2S	022532-16-7	16
3	Benzonitrile, 3-benzyloxy-	209	C14H11NO	061147-43-1	11
4	2,5-Dibenzyloxynitrobenzene	335	C20H17NO4	051792-85-9	10
5	Butanamide, 3-hydroxy-3-methyl-N...	223	C12H17NO3	1000185-71-6	10





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Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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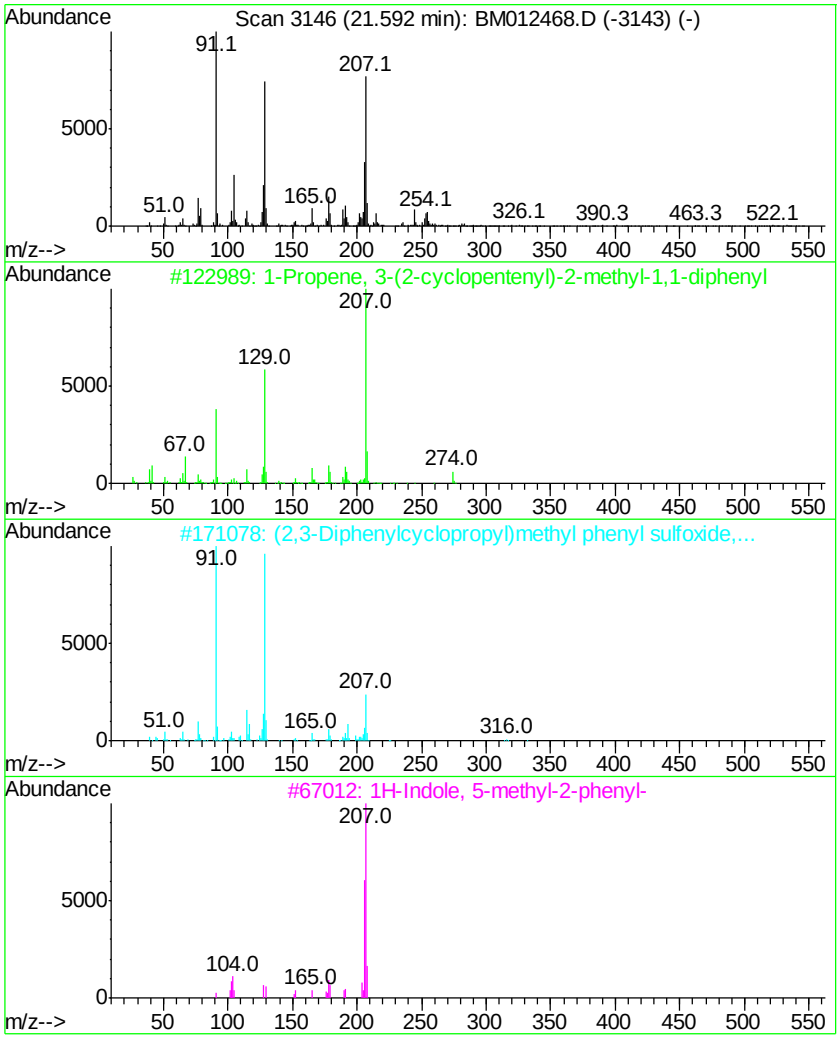
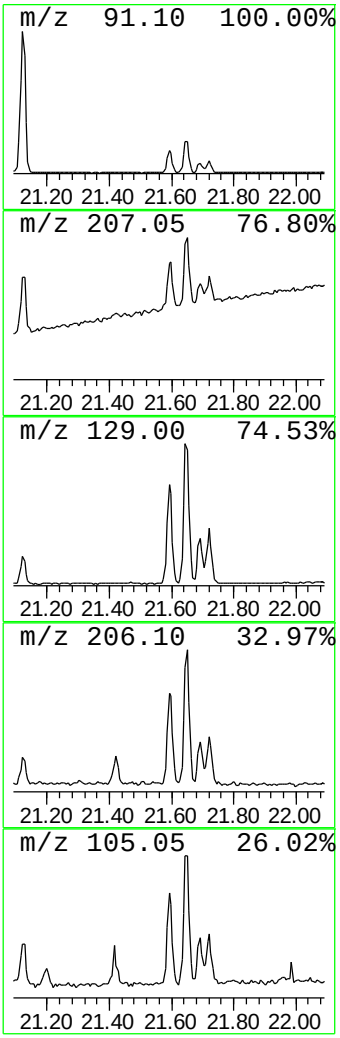
Peak Number 27 1-Propene, 3-(2-cyclopenten... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.16 ng/ul	1070760	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	64
2	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	50
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	50
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	50
5	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	45





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Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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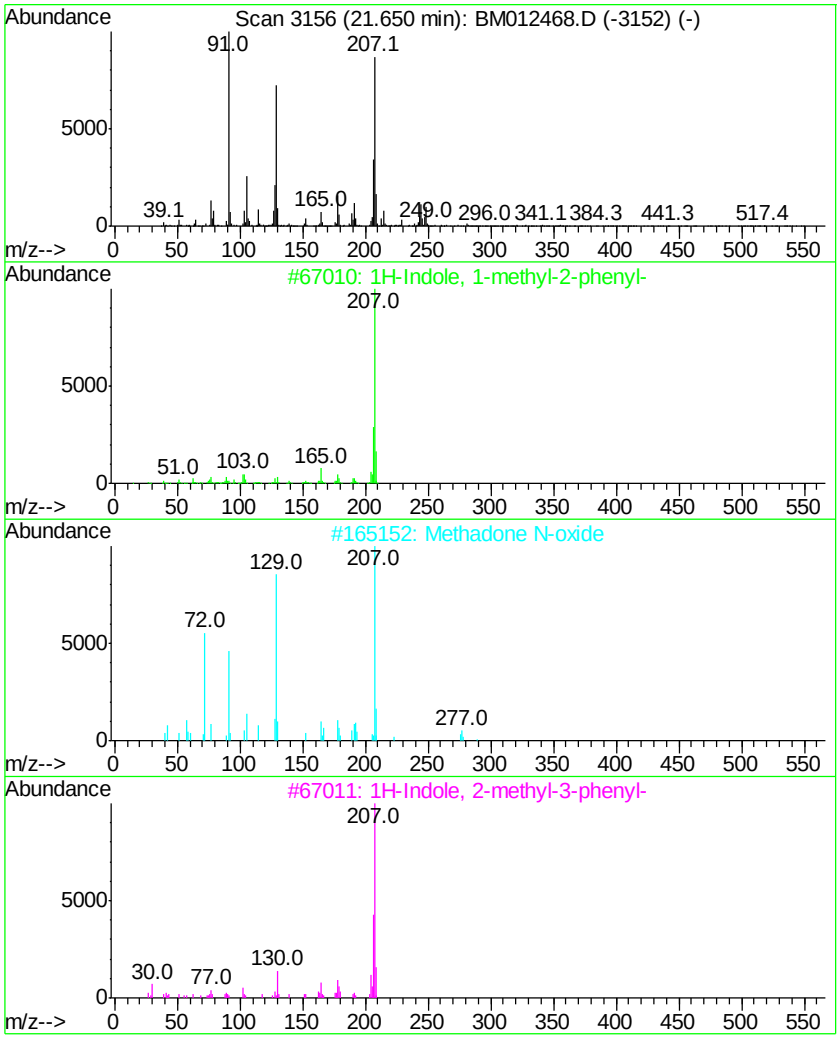
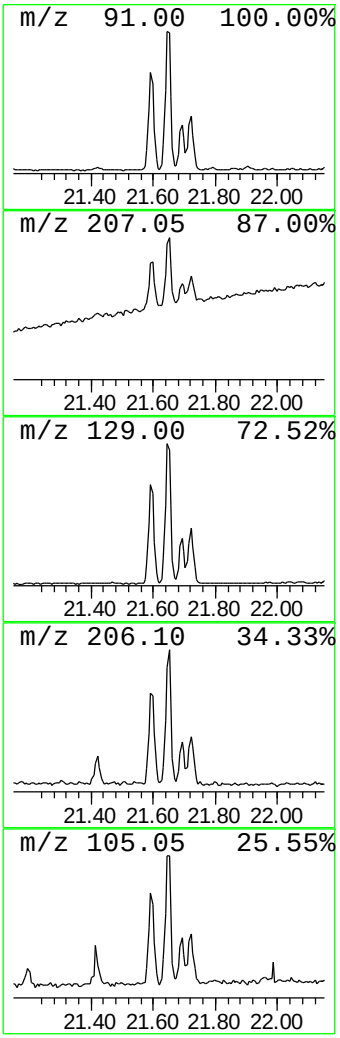
Peak Number 28 1H-Indole, 1-methyl-2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	3.65 ng/ul	1804430	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	55
2	Methadone N-oxide	325	C21H27NO2	1000120-80-7	50
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	46
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	45
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012468.D
Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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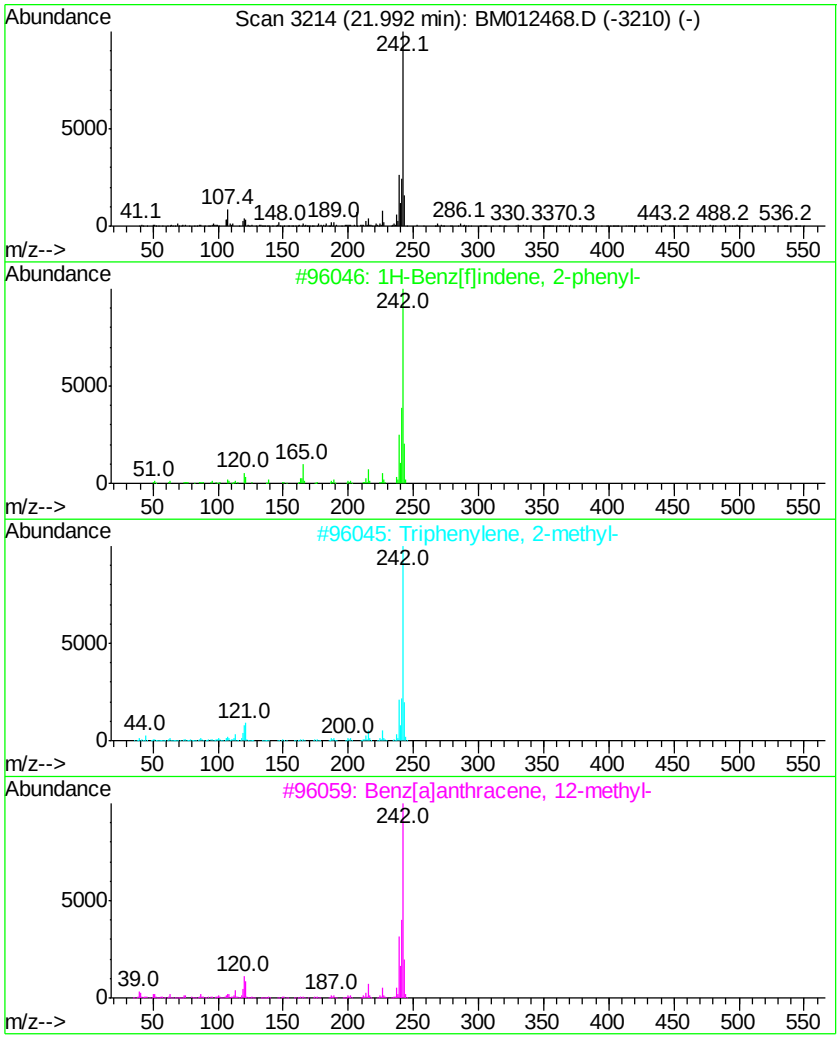
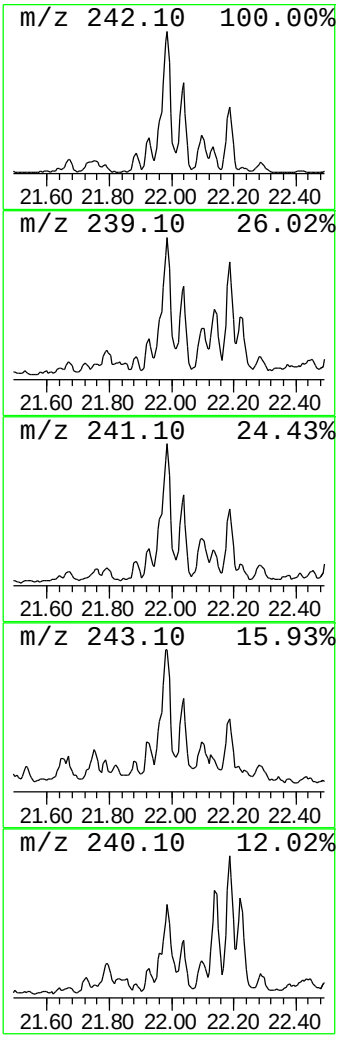
Peak Number 29 1H-Benz[f]indene, 2-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	2.47 ng/ul	1224000	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	89
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	86
3	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	86
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	86
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012468.D
Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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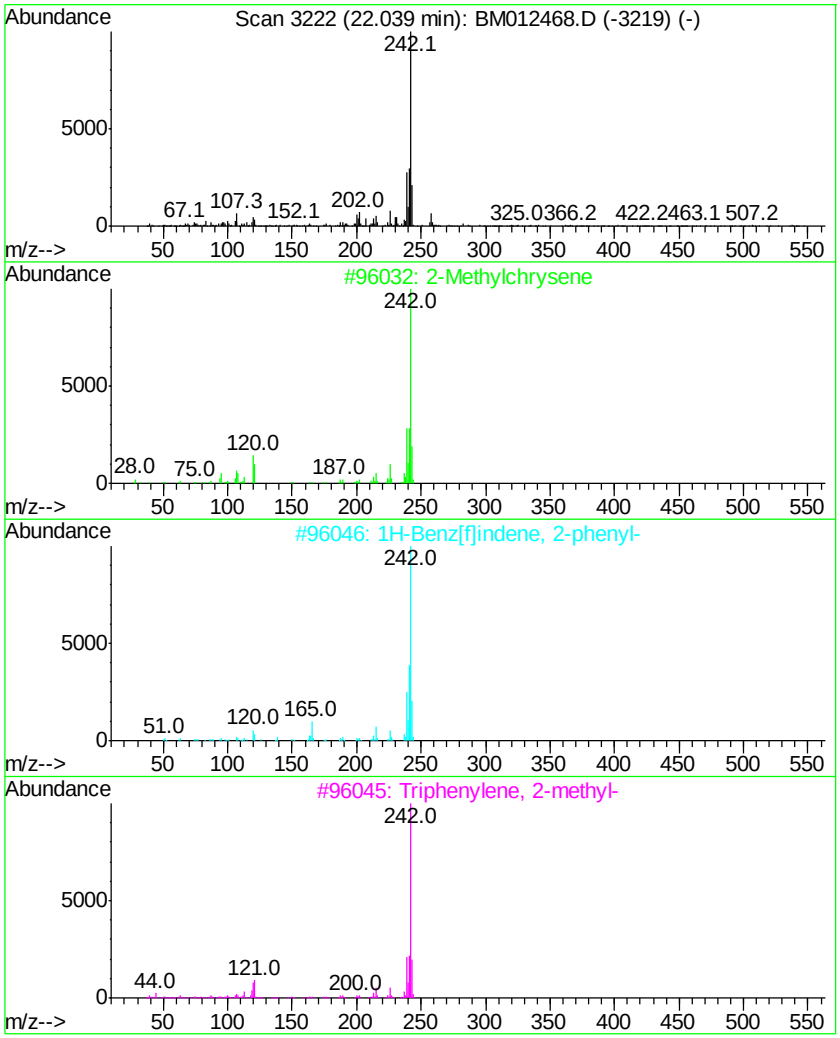
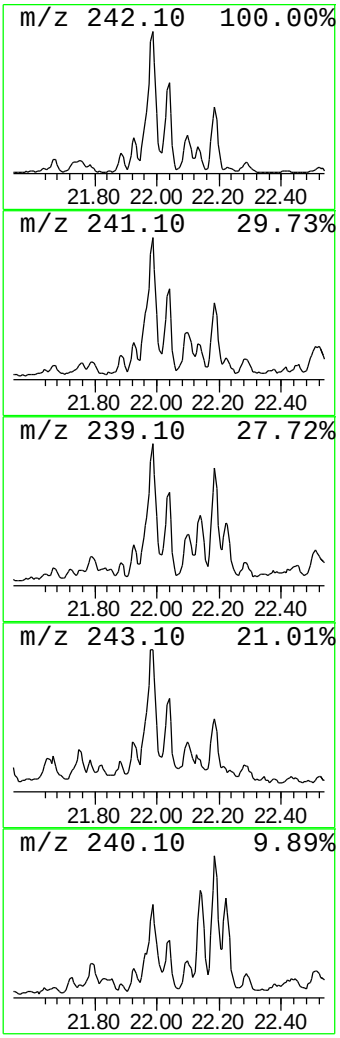
Peak Number 30 2-Methylchrysene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	2.21 ng/ul	1094440	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	95
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	89





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012468.D
Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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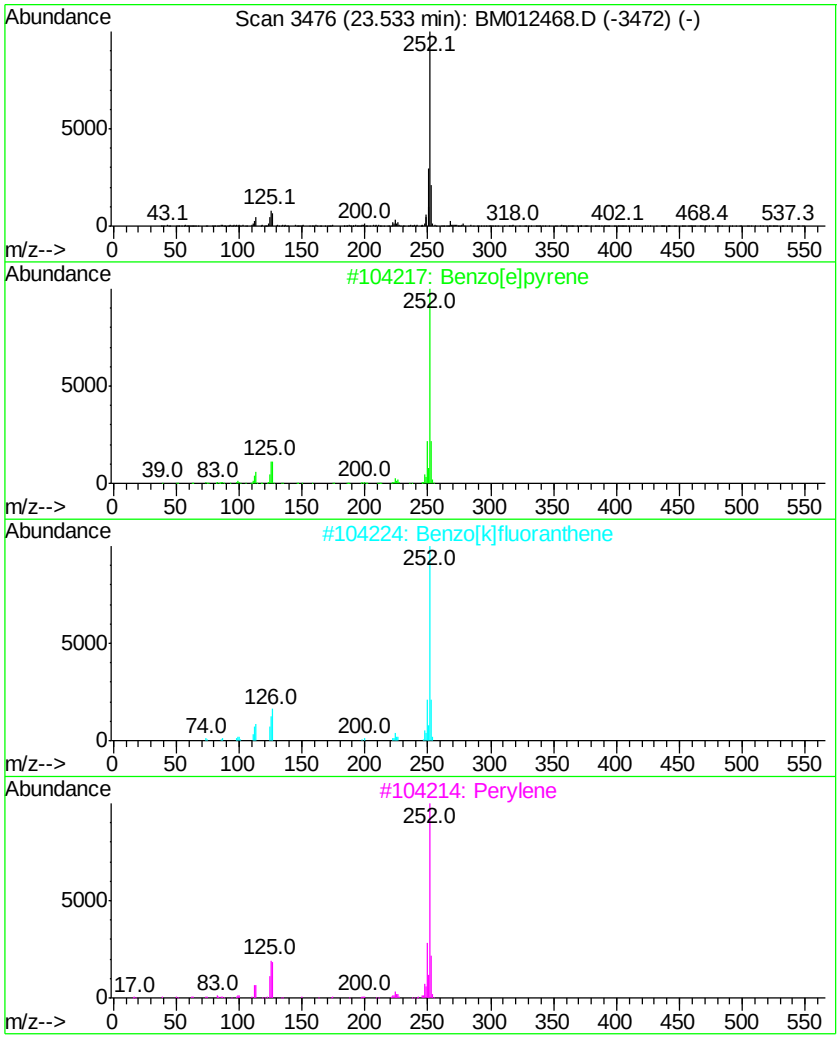
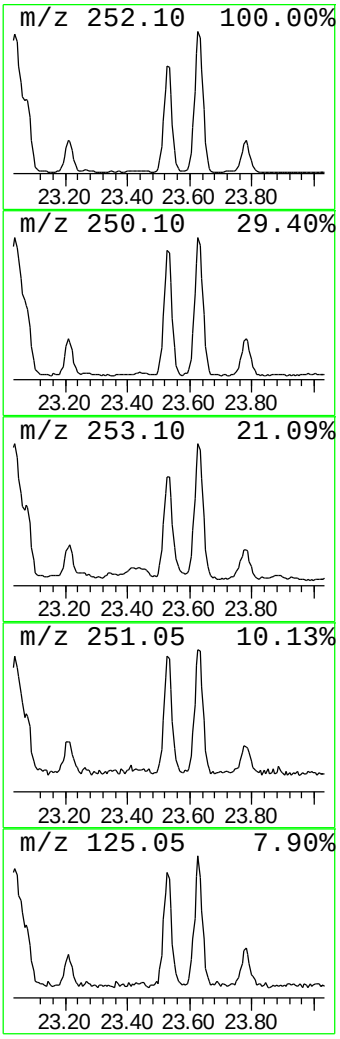
Peak Number 31 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.53	6.00 ng/ul	1546100	Perylene-d12	23.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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Data File : BM012468.D
Acq On : 26 Oct 2017 11:48
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CK4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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
1,3,5,7-Cycloocta...	5.88	17.3	ng/ul	2642510	1	7.88	3060900	20.0
(+)-2-Bornanone	10.09	9.5	ng/ul	2069450	2	10.67	4362900	20.0
Bicyclo[3.2.1]oct...	15.86	2.5	ng/ul	726942	3	14.51	5890040	20.0
unknown-01	16.60	4.0	ng/ul	1330770	4	17.25	6742520	20.0
Dibenzothiophene,...	17.83	2.1	ng/ul	709277	4	17.25	6742520	20.0
Phenanthrene, 1-m...	18.12	7.3	ng/ul	2468950	4	17.25	6742520	20.0
Phenanthrene, 2-m...	18.17	7.6	ng/ul	2565430	4	17.25	6742520	20.0
Anthracene, 1-met...	18.31	9.9	ng/ul	3342840	4	17.25	6742520	20.0
Anthracene, 2-met...	18.36	5.1	ng/ul	1729820	4	17.25	6742520	20.0
5,16[1',2']:8,13[...	18.62	2.8	ng/ul	934547	4	17.25	6742520	20.0
9,10-Anthracenedione	18.66	3.1	ng/ul	1041410	4	17.25	6742520	20.0
Phenanthrene, 2,5...	18.87	2.5	ng/ul	848307	4	17.25	6742520	20.0
Phenanthrene, 3,6...	18.92	3.1	ng/ul	1031910	4	17.25	6742520	20.0
9,10-Dimethylanth...	19.18	5.4	ng/ul	1811850	4	17.25	6742520	20.0
Phenanthrene, 2,3...	19.74	2.5	ng/ul	1219630	5	21.42	9892010	20.0
Pyrene, 1-methyl-	19.99	5.1	ng/ul	2543230	5	21.42	9892010	20.0
11H-Benzo[b]fluorene	20.16	3.0	ng/ul	1457400	5	21.42	9892010	20.0
11H-Benzo[a]fluor...	20.90	3.0	ng/ul	1494030	5	21.42	9892010	20.0
unknown-02	21.12	8.8	ng/ul	4369000	5	21.42	9892010	20.0
1-Propene, 3-(2-c...	21.59	2.2	ng/ul	1070760	5	21.42	9892010	20.0
1H-Indole, 1-meth...	21.65	3.6	ng/ul	1804430	5	21.42	9892010	20.0
1H-Benz[f]indene,...	21.99	2.5	ng/ul	1224000	5	21.42	9892010	20.0
2-Methylchrysene	22.04	2.2	ng/ul	1094440	5	21.42	9892010	20.0
Benzo[e]pyrene	23.53	6.0	ng/ul	1546100	6	23.73	5154050	20.0