LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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	7.046	665	673	687	rBV2	528556	1024236	10.67%	0.625%
2	7.210	694	701	708	rBV	387487	611556	6.37%	0.373%
3	7.410	727	735	742	rBV	535271	851425	8.87%	0.519%
4	7.881	807	815	821	rBV	1970032	3185552	33.19%	1.943%
5	8.581	927	934	941	rVB	595378	952448	9.92%	0.581%
6	9.034	1005	1011	1019	rVB	472570	802815	8.36%	0.490%
7	9.751	1125	1133	1140	rBV	382652	661617	6.89%	0.404%
8	10.292	1217	1225	1234	rVB	628250	1080854	11.26%	0.659%
9	10.669	1280	1289	1295	rBV	2682715	4604289	47.97%	2.808%
10	12.328	1563	1571	1580	rVB	451146	759381	7.91%	0.463%
11	12.551	1601	1609	1616	rVB	571901	935248	9.74%	0.570%
12	13.669	1791	1799	1801	rBV	443941	714472	7.44%	0.436%
13	13.827	1819	1826	1831	rVV	973371	1644431	17.13%	1.003%
14	13.880	1831	1835	1838	rVV	611267	971368	10.12%	0.592%
15	13.916	1838	1841	1845	rVV	1104472	1475547	15.37%	0.900%
16	13.963	1845	1849	1853	rVB	523315	718768	7.49%	0.438%
17	14.063	1860	1866	1870	rBV	492297	775794	8.08%	0.473%
18	14.198	1883	1889	1892	rBV	1249369	1898776	19.78%	1.158%
19	14.227	1892	1894	1906	rVB	878106	1251252	13.04%	0.763%
20	14.510	1931	1942	1948	rBV2	3910119	6161158	64.18%	3.758%
21	14.569	1948	1952	1960	rVB2	344536	650554	6.78%	0.397%
22	14.710	1970	1976	1986	rBV3	396571	1023243	10.66%	0.624%
23	14.804	1986	1992	1998	rBV3	140825	320532	3.34%	0.195%
24	14.904	2003	2009	2017	rVV	546977	1024713	10.68%	0.625%
25	14.980	2017	2022	2028	rVB	587968	841349	8.76%	0.513%
26	15.121	2039	2046	2052	rBV2	558861	1100576	11.47%	0.671%
27	15.180	2052	2056	2060	rVB	375266	510992	5.32%	0.312%
28	15.298	2068	2076	2079	rBV2	354175	793785	8.27%	0.484%
29	15.327	2079	2081	2085	rVB	274006	306448	3.19%	0.187%
30	15.498	2101	2110	2115	rBV	1600735	2322493	24.19%	1.416%
31	15.551	2115	2119	2123	rBV2	804754	1146099	11.94%	0.699%
32	15.680	2137	2141	2144	rVV3	251071	361734	3.77%	0.221%
33	15.768	2151	2156	2163	rVV3	250227	427248	4.45%	0.261%
34	15.863	2163	2172	2180	rVB6	414825	1080079	11.25%	0.659%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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

35	16.004	2192	2196	2202	rVB2	228248	424223	4.42%	0.259%
36	16.068	2202	2207	2218	rVB4	130281	333047	3.47%	0.203%
37	16.227	2229	2234	2241	rVB3	424825	699013	7.28%	0.426%
38	16.368	2253	2258	2261	rBV	210914	328639	3.42%	0.200%
39	16.557	2282	2290	2294	rBV2	634620	1370776	14.28%	0.836%
40	16.604	2294	2298	2304	rVB	569804	808030	8.42%	0.493%
41	16.710	2311	2316	2320	rVB	421778	663410	6.91%	0.405%
42	16.904	2345	2349	2356	rVB4	242527	479491	5.00%	0.292%
43	16.986	2359	2363	2372	rVV7	154454	484671	5.05%	0.296%
44	17.068	2373	2377	2386	rVB	443022	717943	7.48%	0.438%
45	17.251	2402	2408	2411	rBV2	4116673	5996730	62.47%	3.657%
46	17.292	2411	2415	2420	rVV	4750985	6463408	67.33%	3.942%
47	17.345	2420	2424	2427	rVV	1431613	1991729	20.75%	1.215%
48	17.380	2427	2430	2435	rVB	866036	1131763	11.79%	0.690%
49	17.439	2435	2440	2446	rBV2	435269	897827	9.35%	0.548%
50	17.562	2458	2461	2465	rVB	265860	338684	3.53%	0.207%
51	17.827	2499	2506	2512	rVB2	644998	1001911	10.44%	0.611%
52	17.974	2526	2531	2537	rVB	343006	596893	6.22%	0.364%
53	18.121	2551	2556	2561	rVV	2061413	3388660	35.30%	2.067%
54	18.174	2561	2565	2571	rVB	2498352	3629408	37.81%	2.214%
55	18.251	2573	2578	2583	rBV2	747321	1198646	12.49%	0.731%
56	18.309	2583	2588	2593	rVV2	2495460	4787024	49.87%	2.920%
57	18.351	2593	2595	2602	rVB	1774944	2382827	24.82%	1.453%
58	18.439	2607	2610	2613	rBV2	243095	300609	3.13%	0.183%
59	18.515	2620	2623	2628	rVB3	302322	446399	4.65%	0.272%
60	18.621	2637	2641	2645	rBV2	828343	1079628	11.25%	0.658%
61	18.662	2645	2648	2659	rVB3	463309	1102197	11.48%	0.672%
62	18.745	2659	2662	2667	rBV3	212947	436895	4.55%	0.266%
63	18.839	2674	2678	2680	rBV2	337425	474756	4.95%	0.290%
64	18.868	2680	2683	2687	rVV	709152	1025889	10.69%	0.626%
65	18.921	2688	2692	2695	rVV	854719	1222145	12.73%	0.745%
66	18.956	2695	2698	2702	rVB	624135	781242	8.14%	0.476%
67	19.039	2707	2712	2717	rBV	2131578	3485757	36.31%	2.126%
68	19.098	2717	2722	2726	rVV3	1083300	2394102	24.94%	1.460%
69	19.133	2726	2728	2731	rVB	702558	684684	7.13%	0.418%
70	19.180	2731	2736	2749	rBV5	882508	2396880	24.97%	1.462%
71	19.304	2752	2757	2762	rBV	4154178	5397962	56.23%	3.292%

LSC Area Percent Report

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Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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

72	19.362	2764	2767	2770	rBV	444738	555671	5.79%	0.339%
73	19.404	2770	2774	2778	rVB2	523193	722219	7.52%	0.440%
74	19.451	2779	2782	2786	rVB2	327890	371532	3.87%	0.227%
75	19.498	2787	2790	2793	rVB3	296507	356094	3.71%	0.217%
76	19.545	2794	2798	2801	rBV2	383048	576943	6.01%	0.352%
77	19.633	2808	2813	2815	rBV3	1780652	2523281	26.29%	1.539%
78	19.662	2815	2818	2826	rVB	5815762	8301993	86.49%	5.063%
79	19.739	2827	2831	2837	rVB2	807175	1277918	13.31%	0.779%
80	19.792	2837	2840	2842	rBV3	232075	322927	3.36%	0.197%
81	19.898	2855	2858	2864	rVB3	573743	848130	8.84%	0.517%
82	19.986	2868	2873	2883	rBV5	959923	2579072	26.87%	1.573%
83	20.074	2884	2888	2891	rBV4	361499	559288	5.83%	0.341%
84	20.127	2892	2897	2898	rVV4	765023	1168867	12.18%	0.713%
85	20.156	2899	2902	2906	rVB	1365182	1784089	18.59%	1.088%
86	20.256	2916	2919	2924	rVB	762530	909284	9.47%	0.555%
87	20.315	2925	2929	2933	rVB2	1574018	2043664	21.29%	1.246%
88	20.456	2949	2953	2956	rBV	1490311	1903438	19.83%	1.161%
89	20.498	2956	2960	2964	rVB	1469990	1801274	18.77%	1.099%
90	20.903	3026	3029	3035	rVB2	844559	1309744	13.64%	0.799%
91	20.992	3041	3044	3048	rBV	434845	499974	5.21%	0.305%
92	21.045	3050	3053	3055	rBV2	498490	681602	7.10%	0.416%
93	21.415	3110	3116	3120	rBV2	5080183	9599098	100.00%	5.854%
94	21.456	3120	3123	3133	rVB	2677298	3810828	39.70%	2.324%
95	21.980	3210	3212	3217	rVB	1324560	1560467	16.26%	0.952%
96	22.033	3218	3221	3227	rVB	1157817	1556727	16.22%	0.949%
97	23.033	3387	3391	3396	rBV2	1278296	2530154	26.36%	1.543%
98	23.527	3472	3475	3479	rVB	944180	1284695	13.38%	0.784%
99	23.627	3488	3492	3500	rVB	1837406	3362844	35.03%	2.051%
100	23.727	3504	3509	3515	rVV	2565697	4829698	50.31%	2.946%

Sum of corrected areas: 163966245

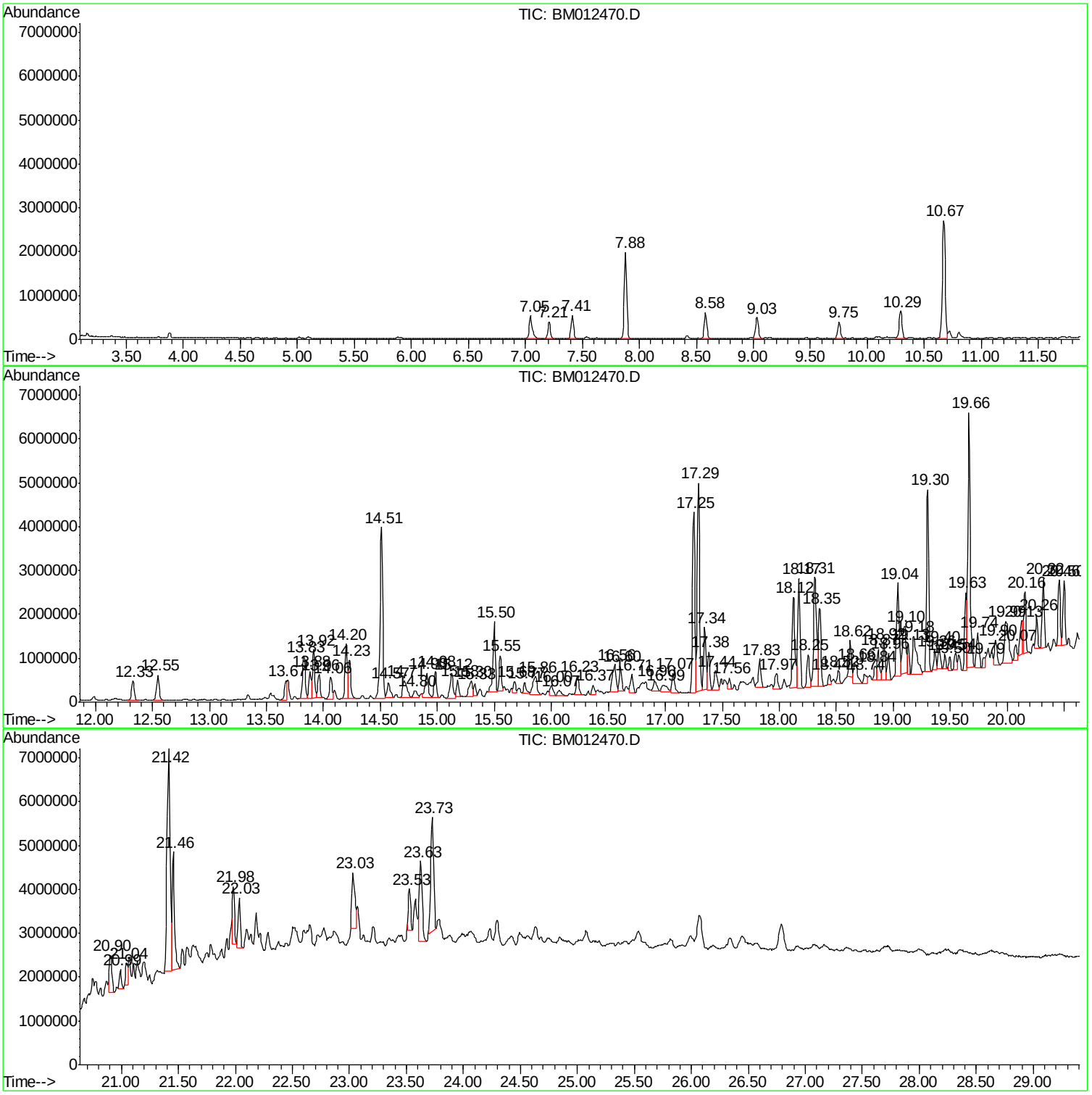
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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

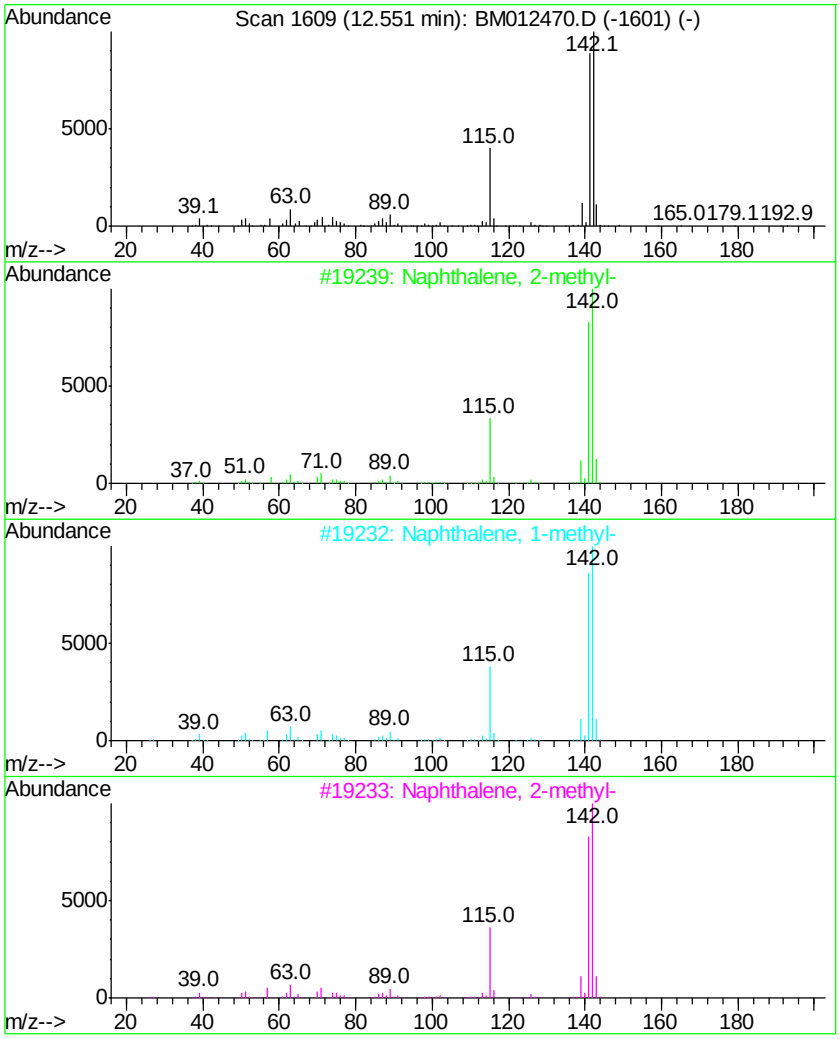
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

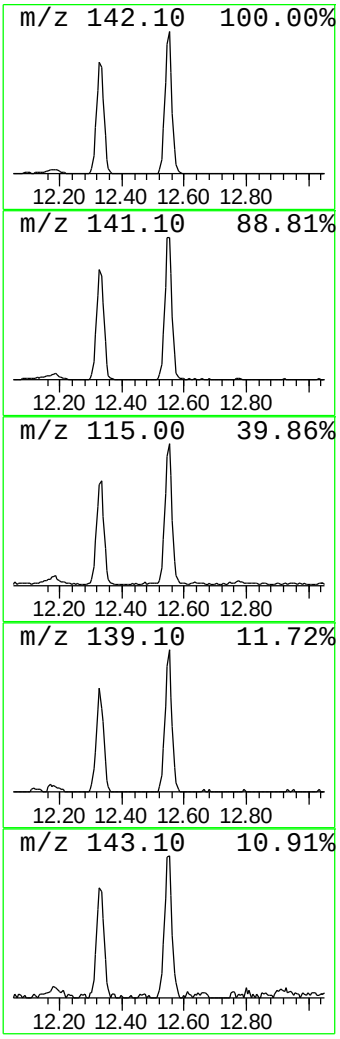
****

Peak Number 1 Naphthalene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.06 ng/ul	935248	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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

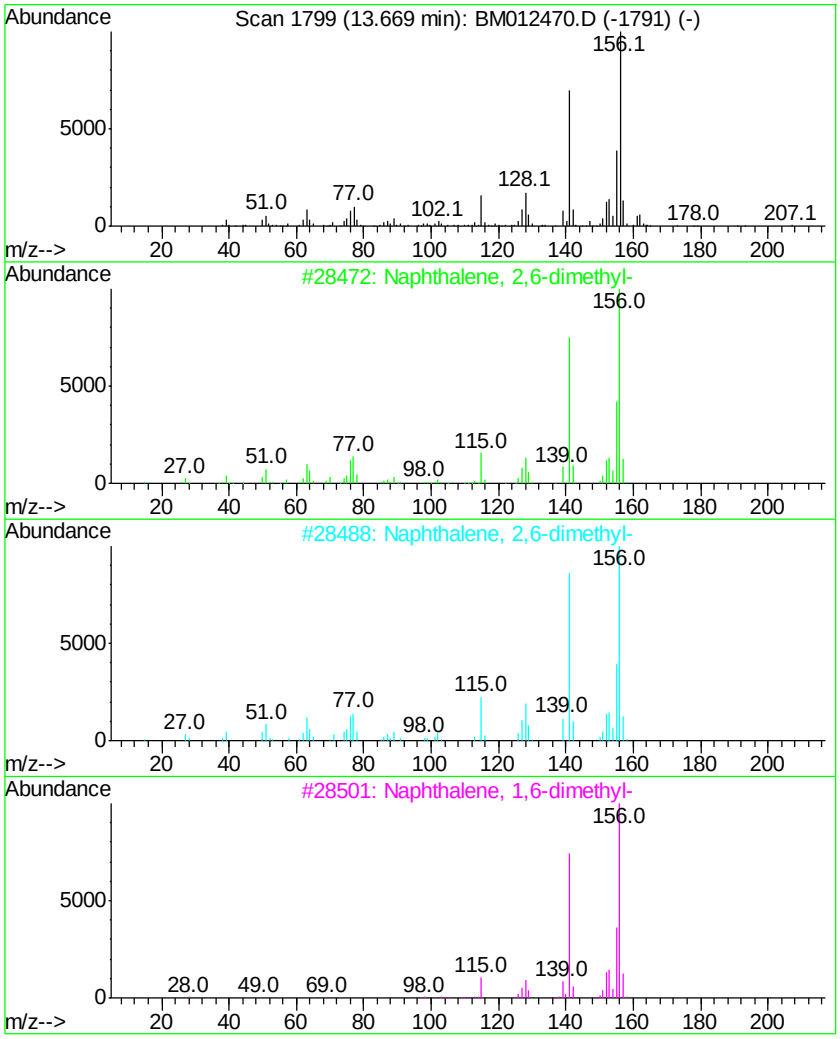
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

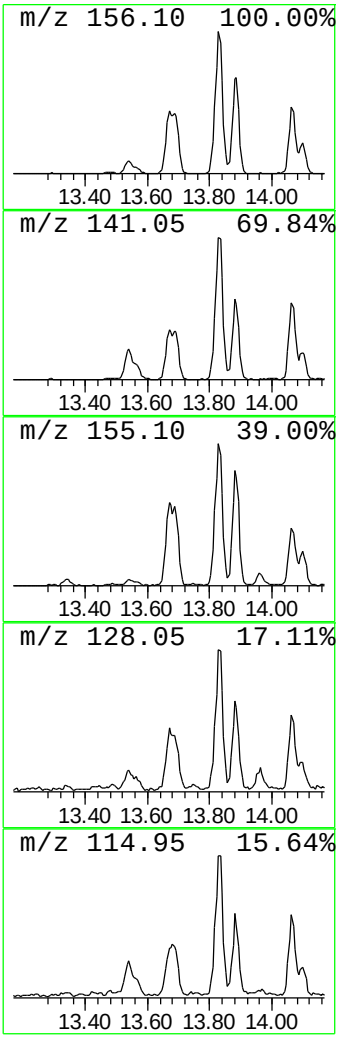
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.32 ng/ul	714472	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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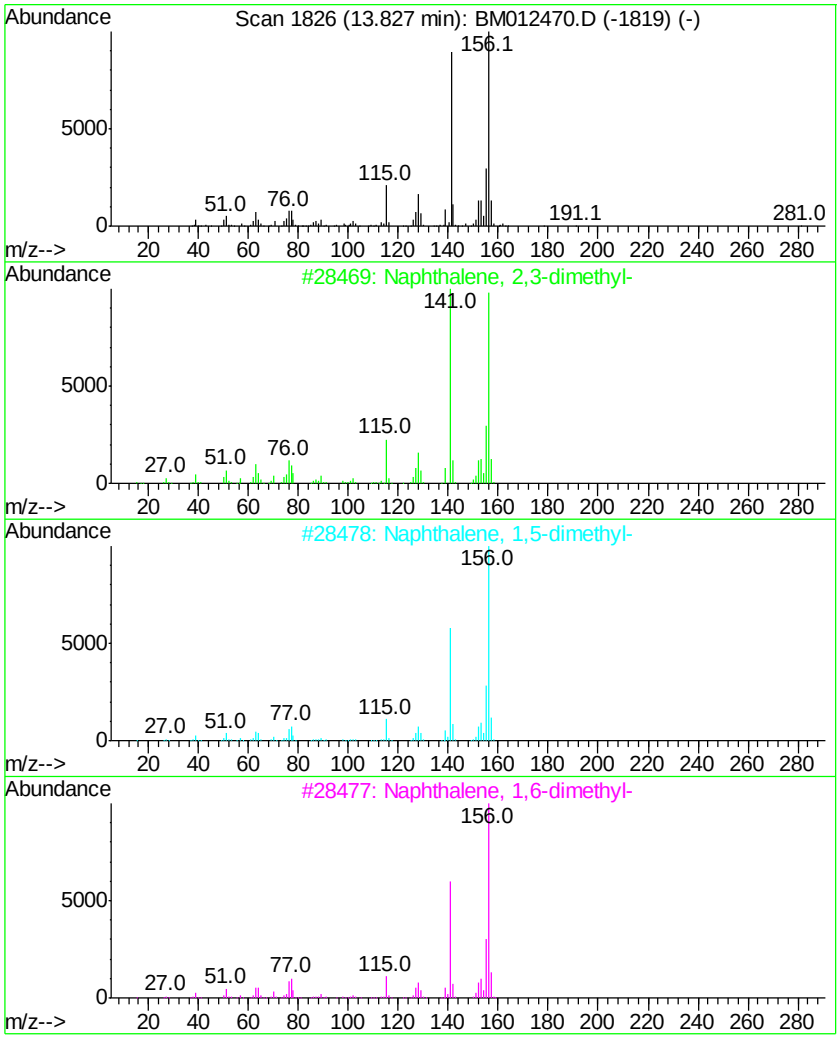
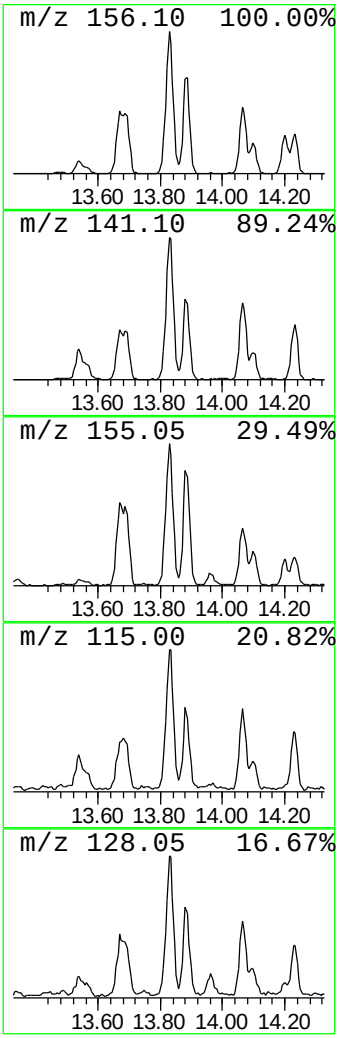
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.34 ng/ul	1644430	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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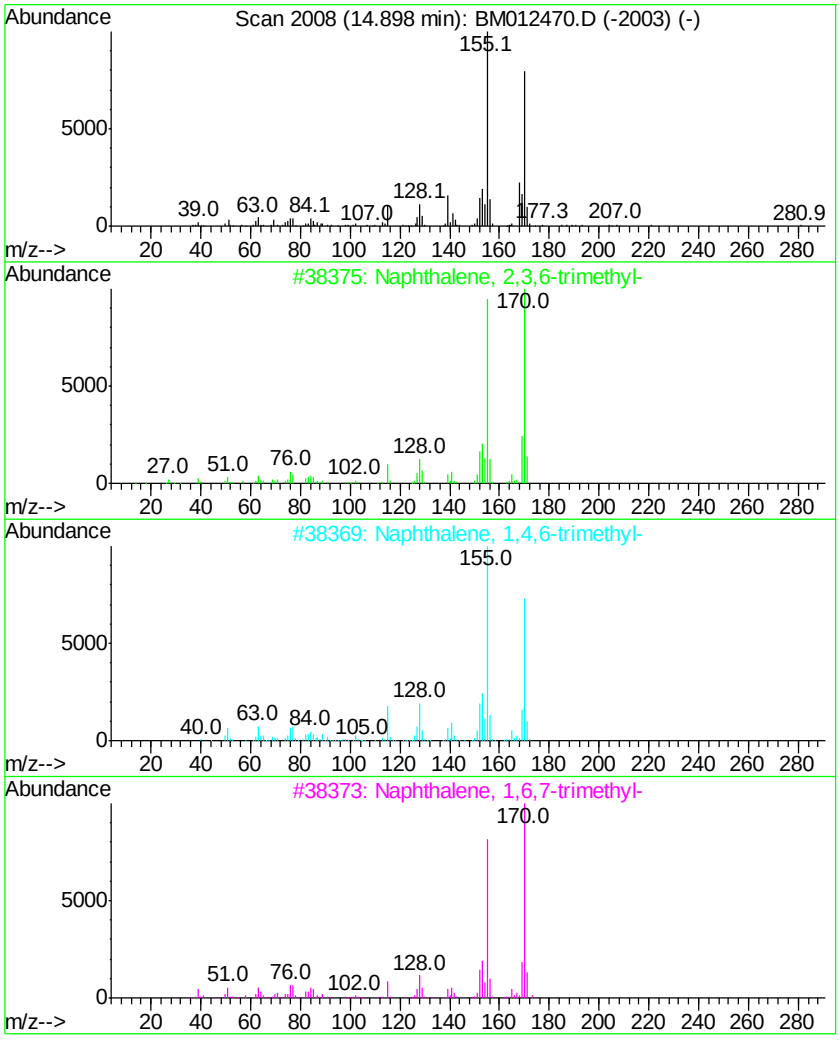
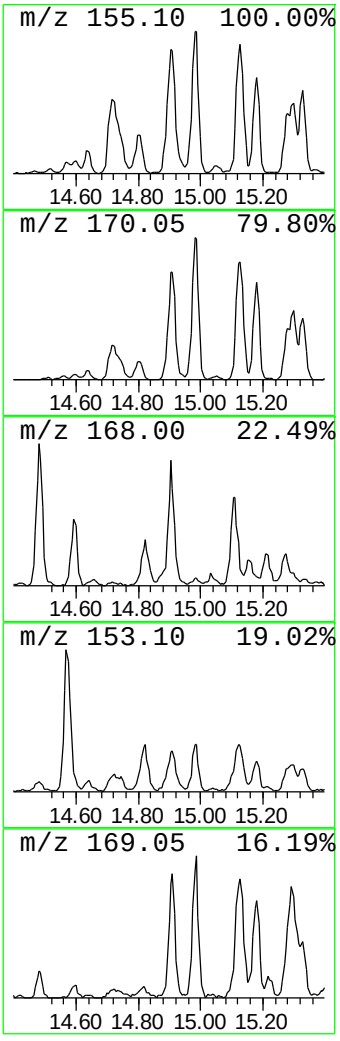
Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	3.33 ng/ul	1024710	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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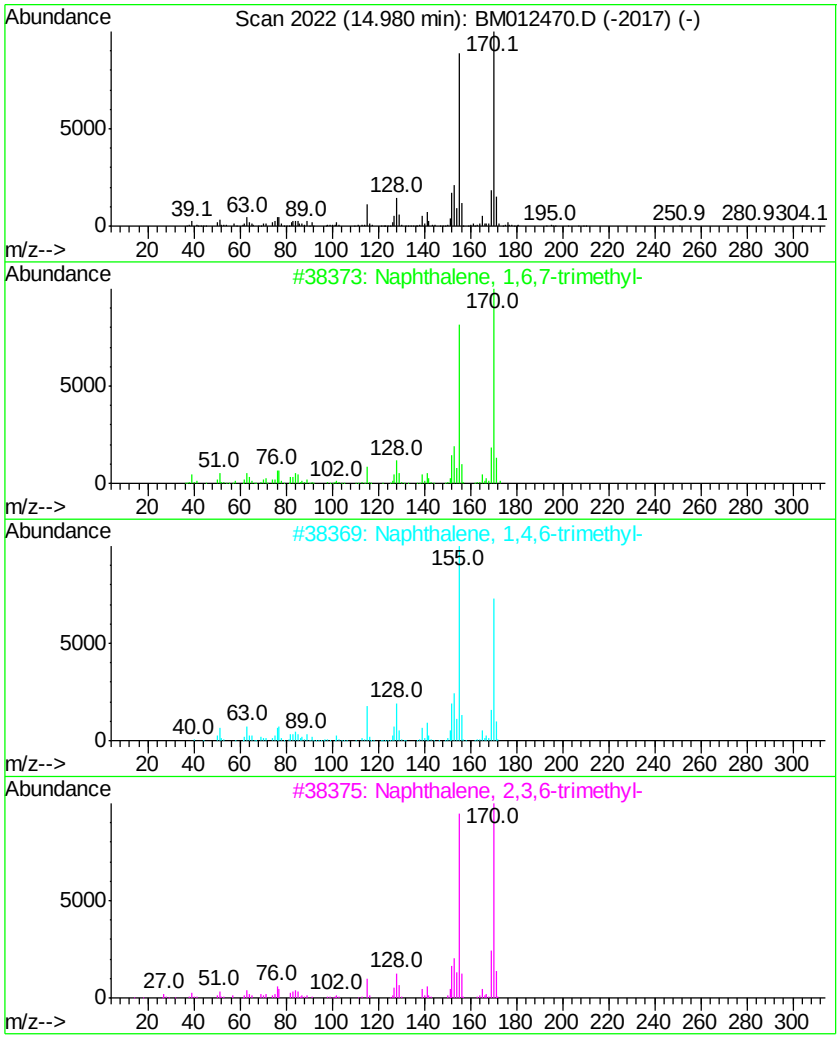
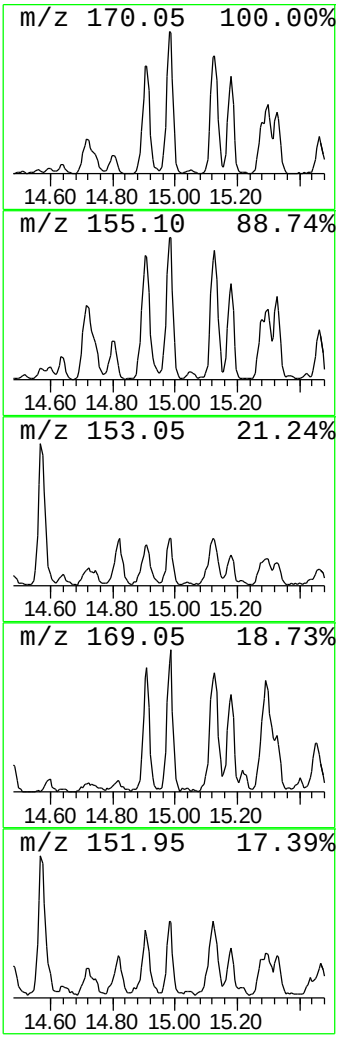
Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.73 ng/ul	841349	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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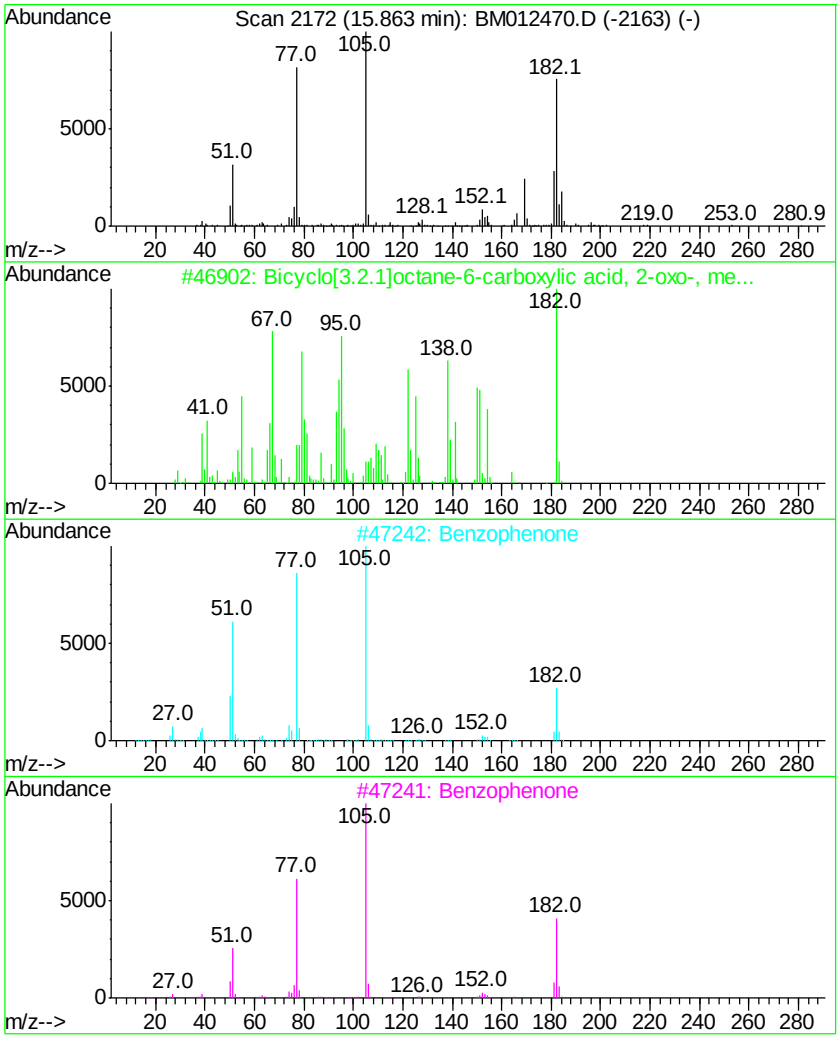
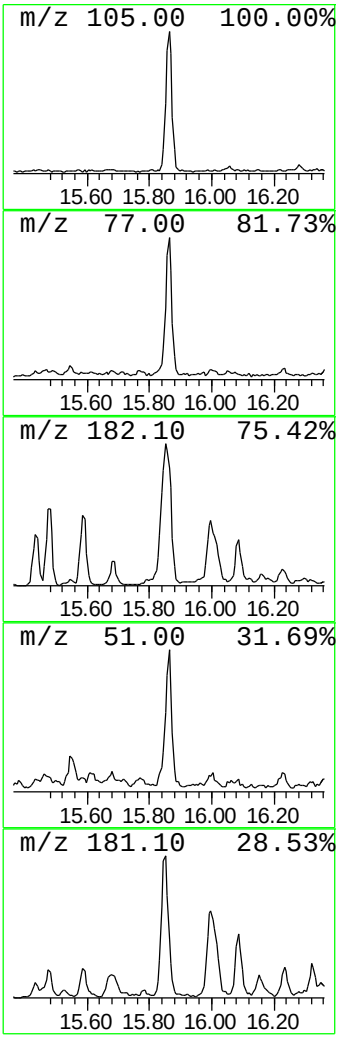
Peak Number 9 Bicyclo[3.2.1]octane-6-carb... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.51 ng/ul	1080080	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	81
3	Benzophenone	182	C13H10O	000119-61-9	81
4	Benzophenone	182	C13H10O	000119-61-9	81
5	Benzophenone	182	C13H10O	000119-61-9	76





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Instrument : BNA_M
ClientSampleId : B0CN4DL

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Quant Title : SVOA CALIBRATION

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

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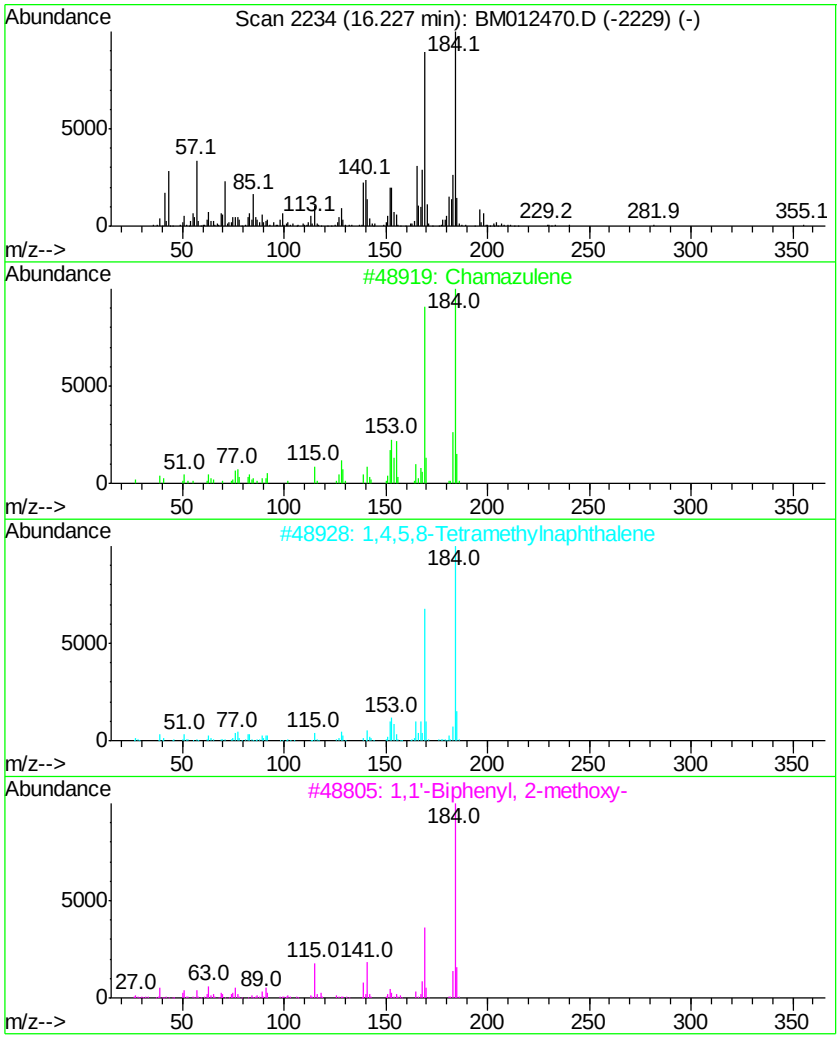
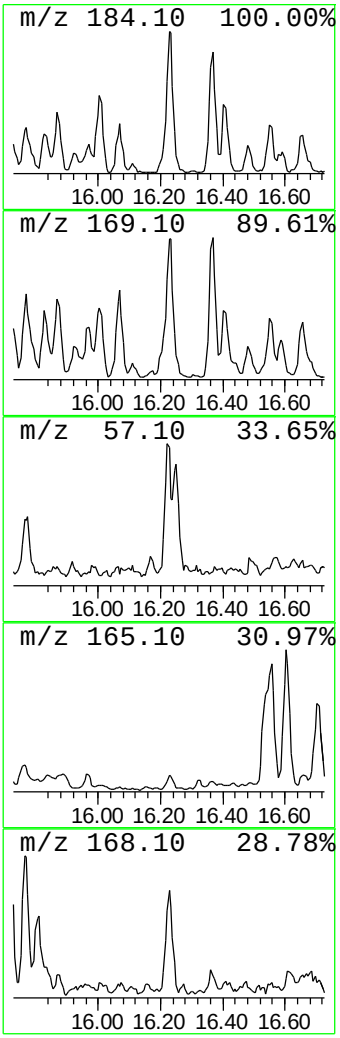
Peak Number 10 Chamazulene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	2.33 ng/ul	699013	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	89
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	76
3	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	76
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	68
5	3-Biphenylmethanol	184	C13H12O	069605-90-9	64





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Quant Title : SVOA CALIBRATION

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

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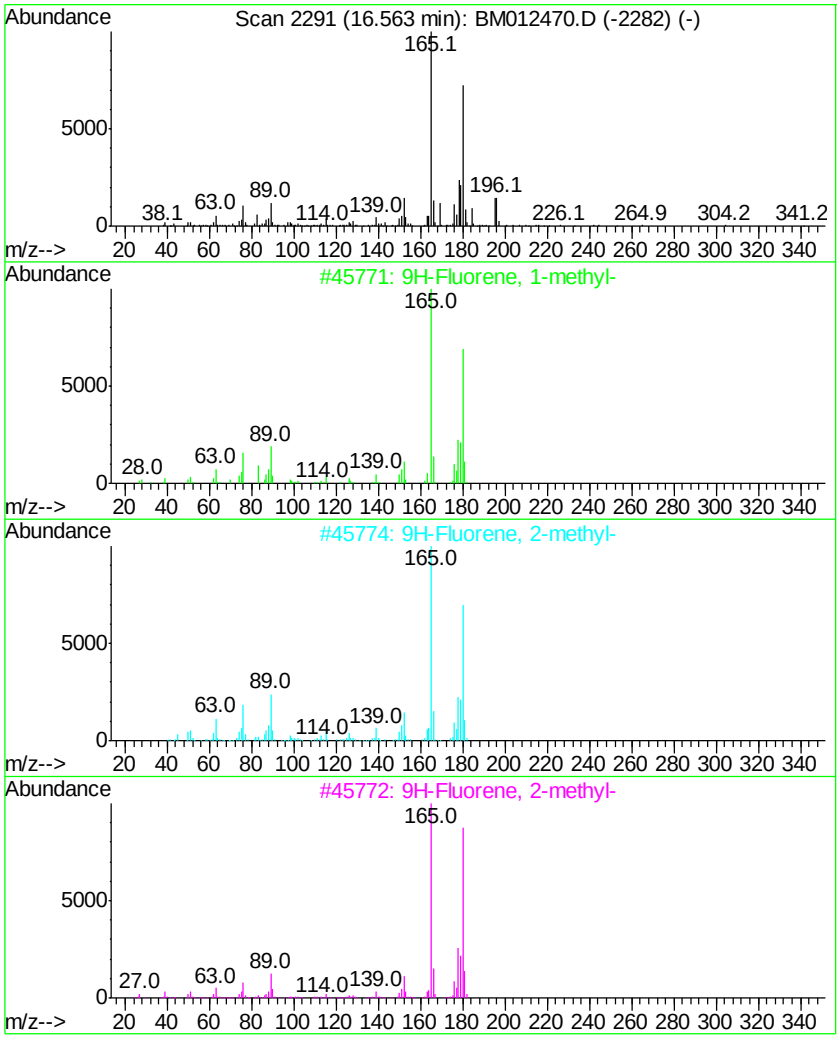
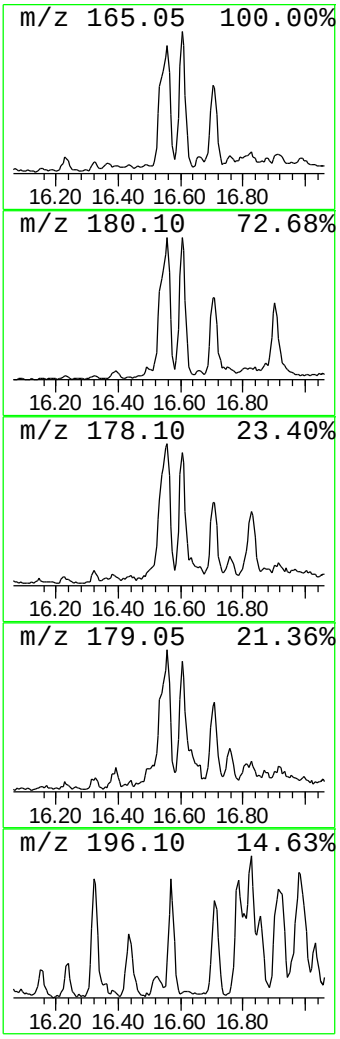
Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	4.57 ng/ul	1370780	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76





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Misc :
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ClientSampleId : B0CN4DL

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Quant Title : SVOA CALIBRATION

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

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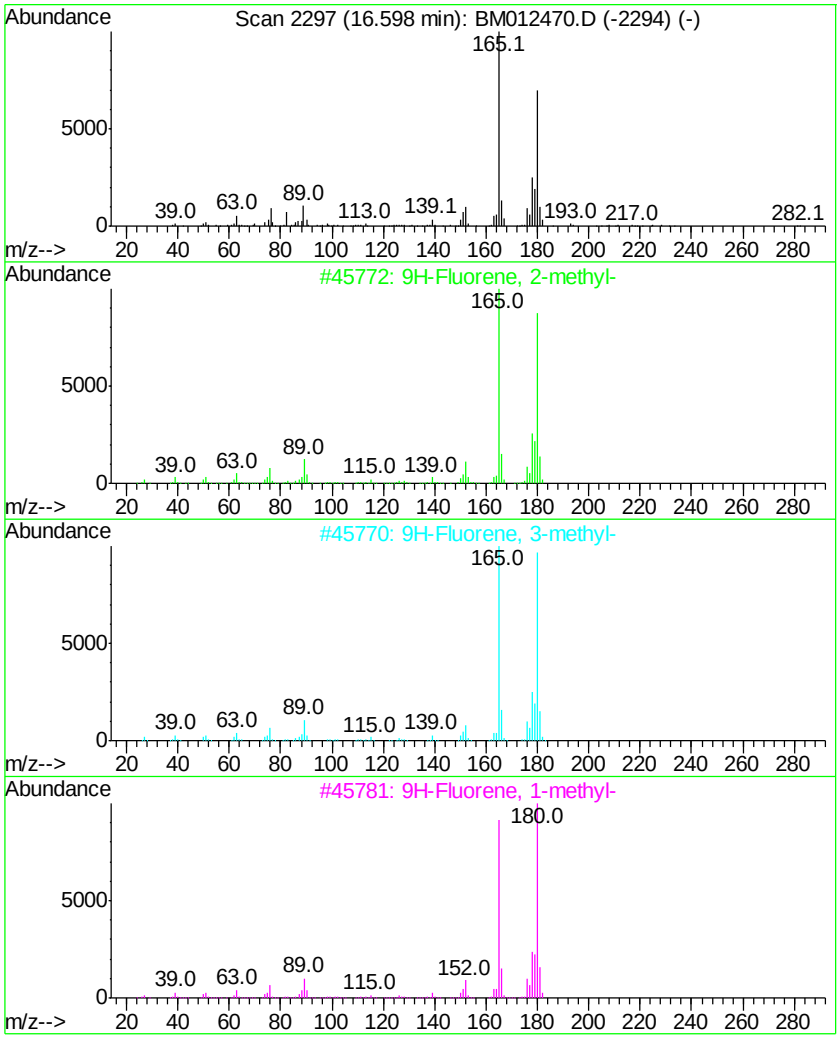
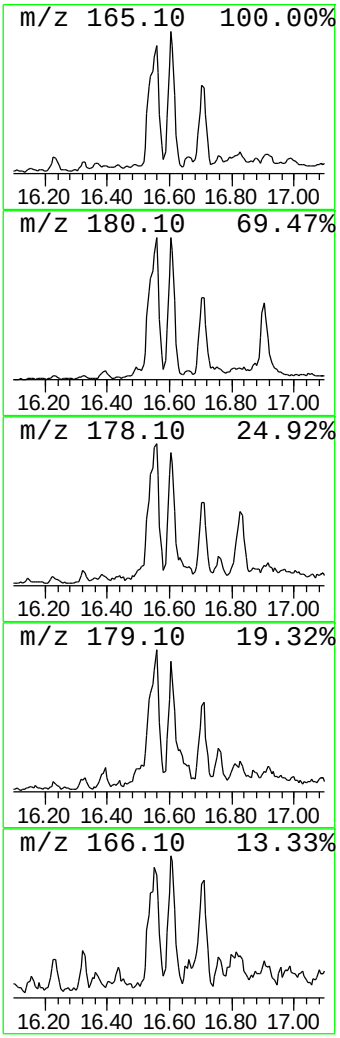
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.69 ng/ul	808030	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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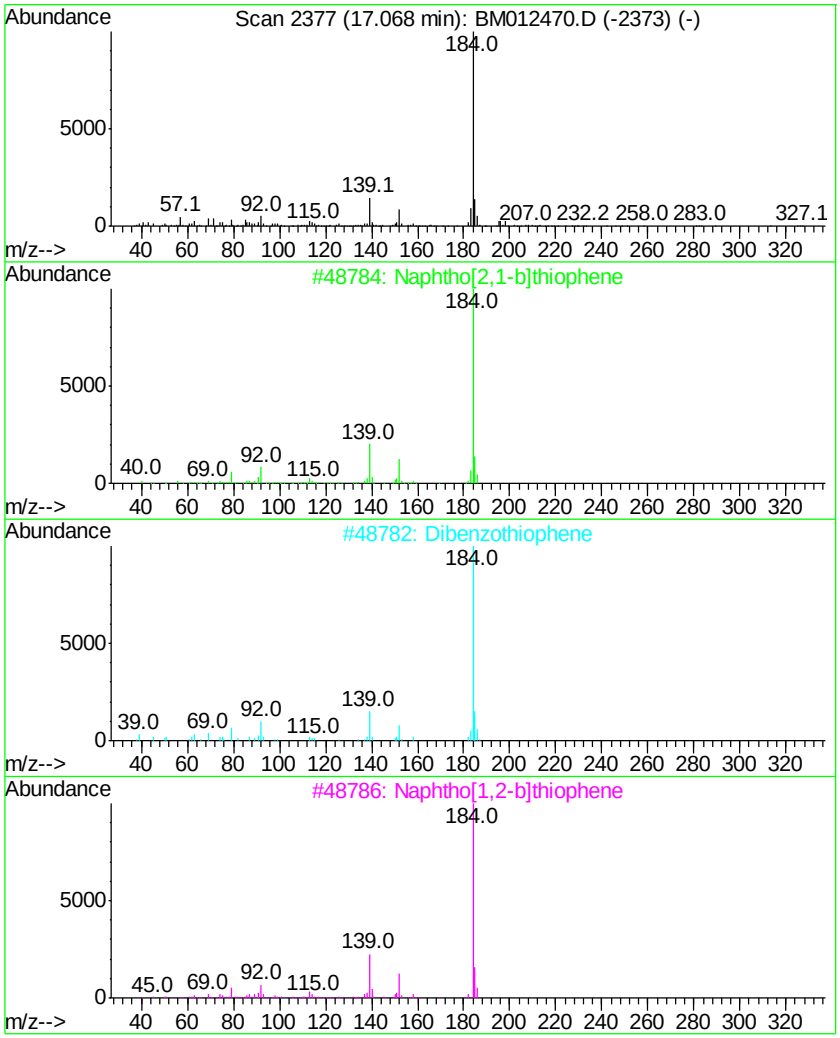
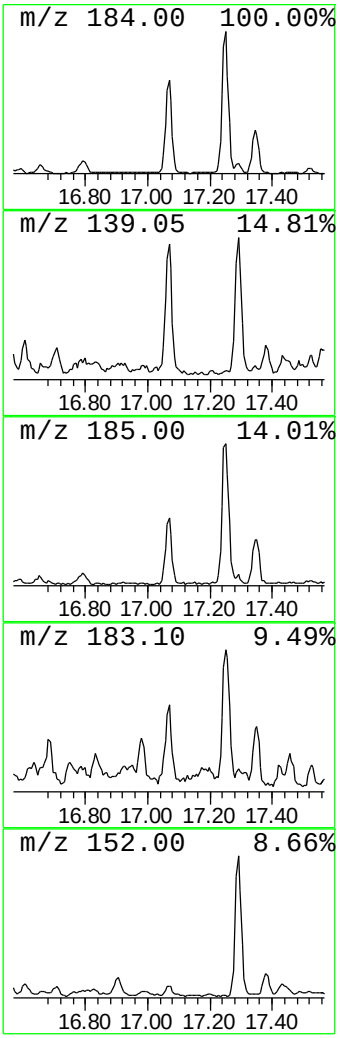
Peak Number 14 Naphtho[2,1-b]thiophene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	2.39 ng/ul	717943	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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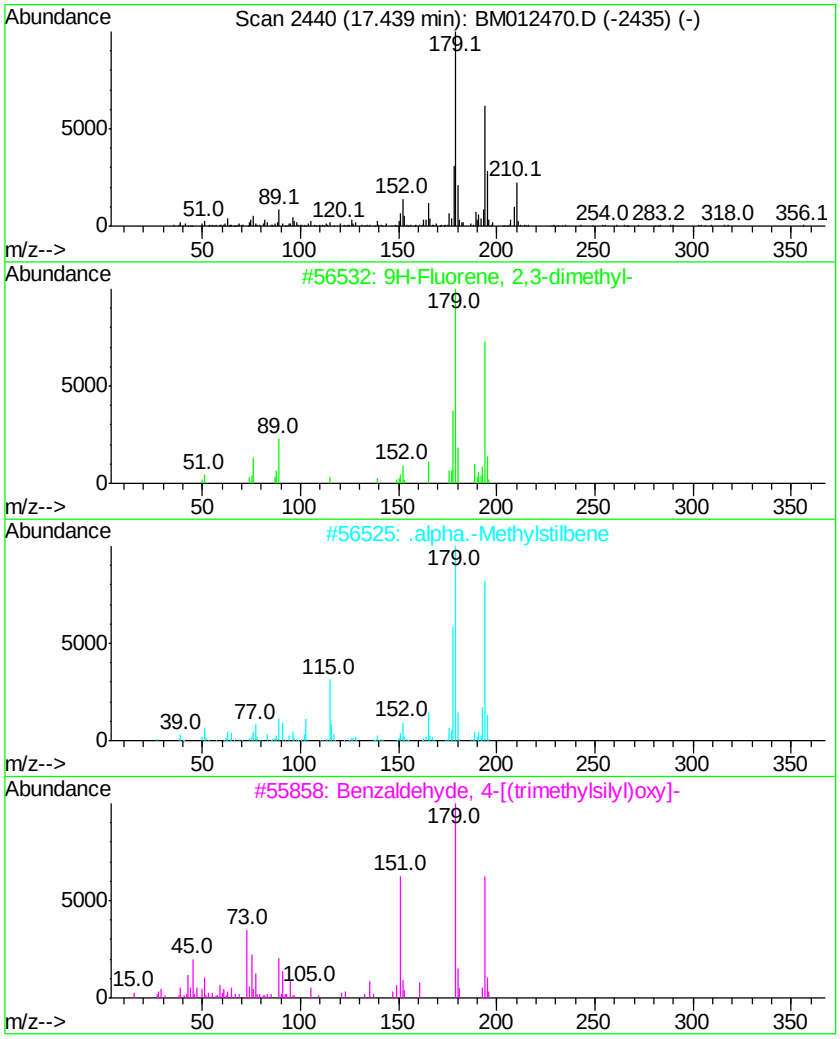
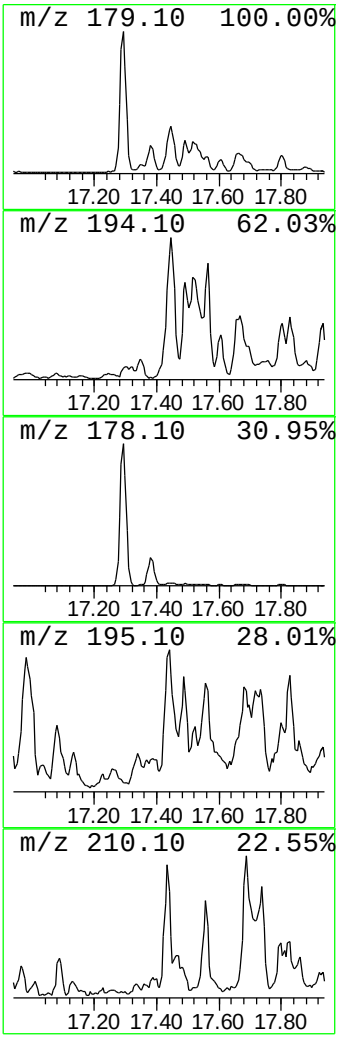
Peak Number 15 9H-Fluorene, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	2.99 ng/ul	897827	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	76
2	.alpha.-Methylstilbene	194	C15H14	000779-51-1	53
3	Benzaldehyde, 4-[(trimethylsilyl...	194	C10H14O2Si	001012-12-0	52
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	46
5	Acridine	179	C13H9N	000260-94-6	46





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Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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Quant Title : SVOA CALIBRATION

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

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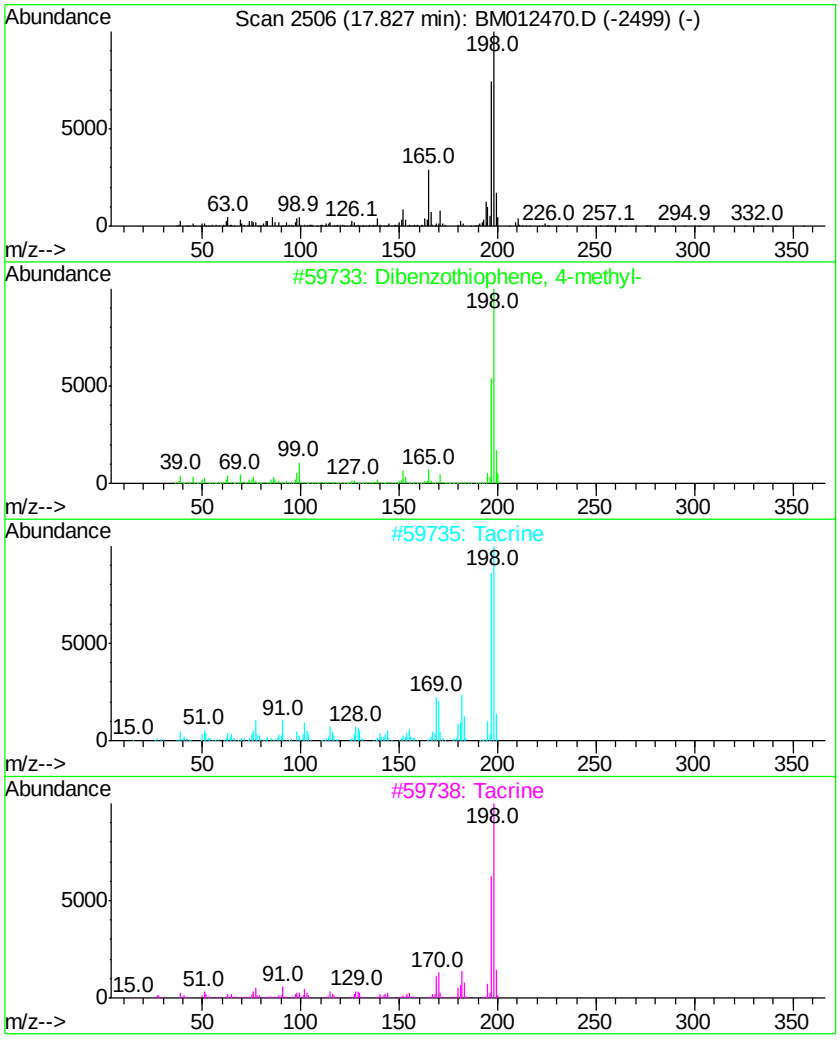
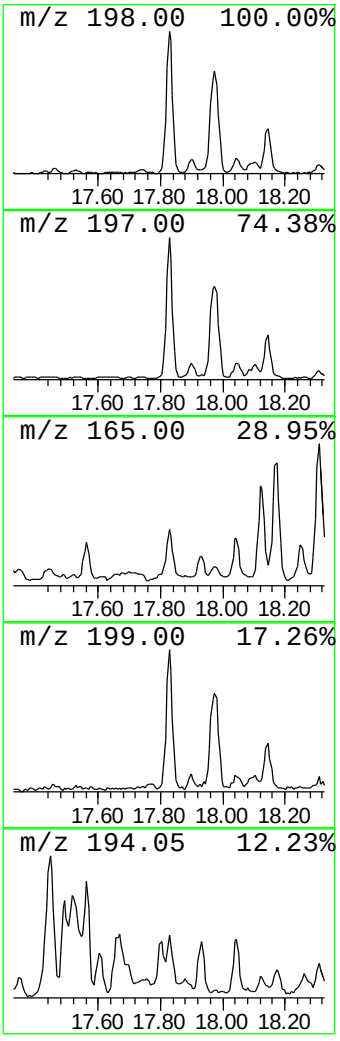
Peak Number 16 Dibenzothiophene, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.34 ng/ul	1001910	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
2	Tacrine	198	C13H14N2	000321-64-2	72
3	Tacrine	198	C13H14N2	000321-64-2	64
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64





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Quant Title : SVOA CALIBRATION

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

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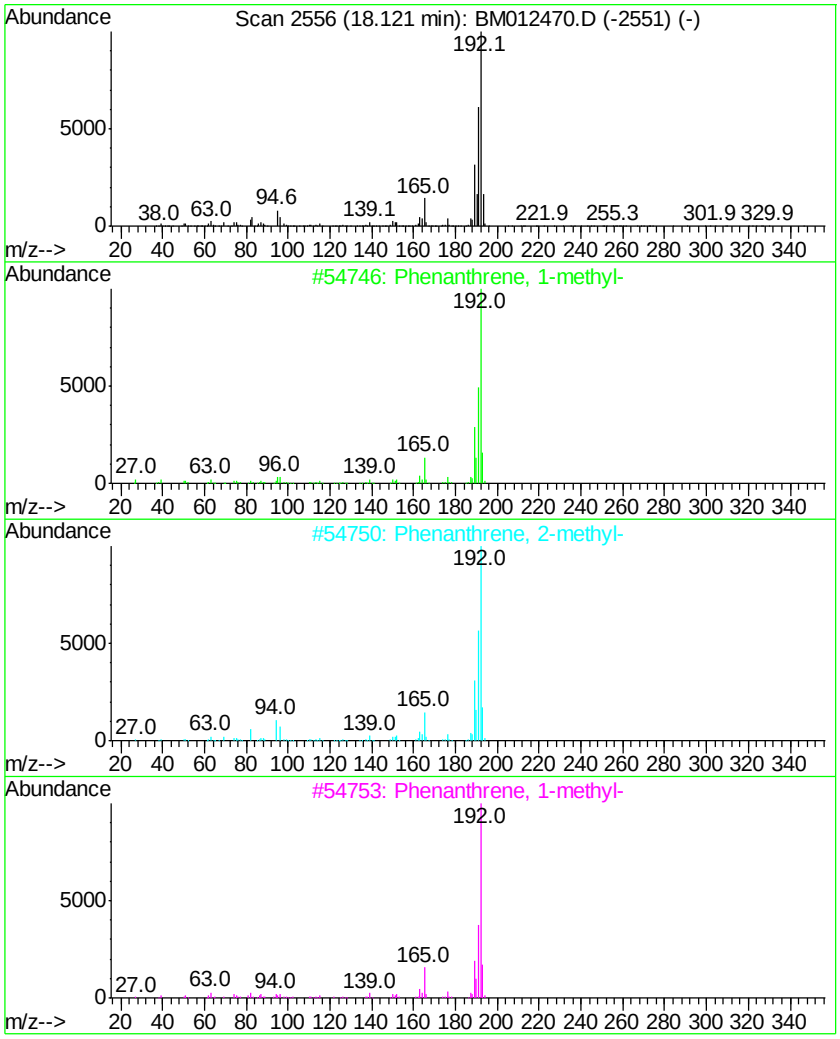
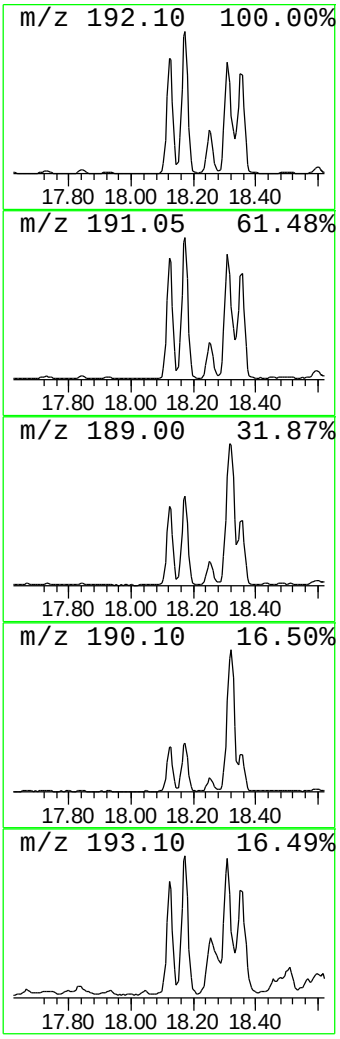
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	11.30 ng/ul	3388660	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Quant Title : SVOA CALIBRATION

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

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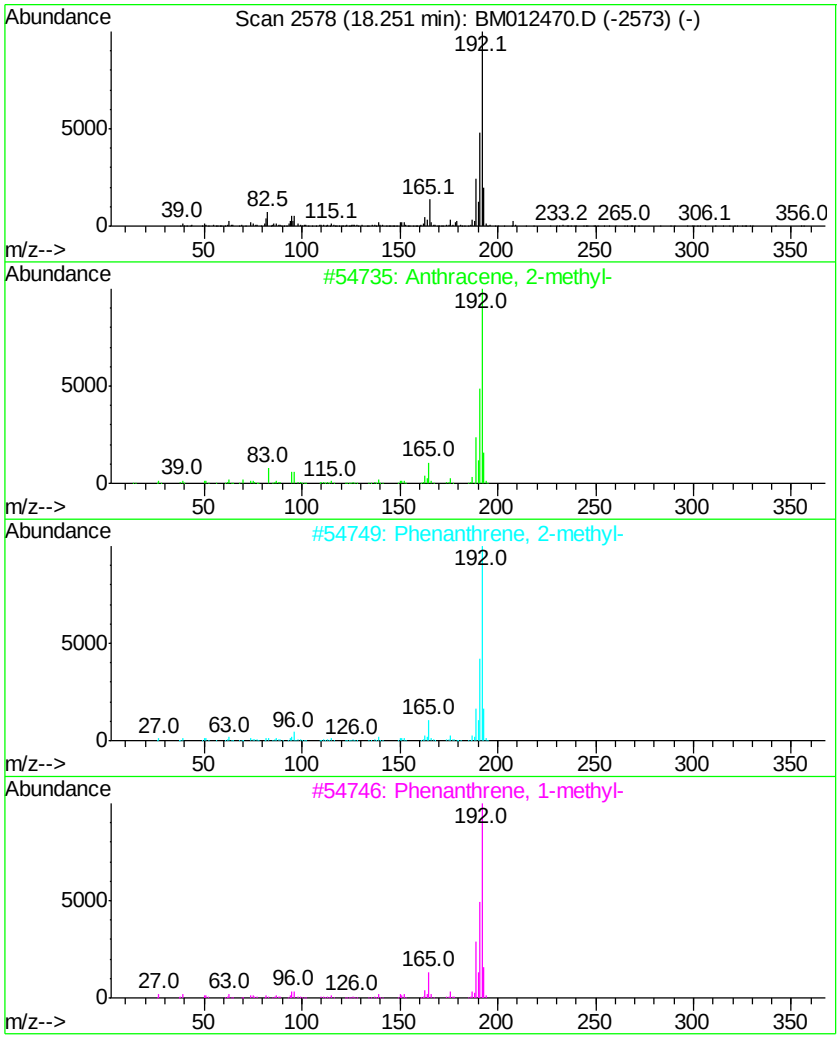
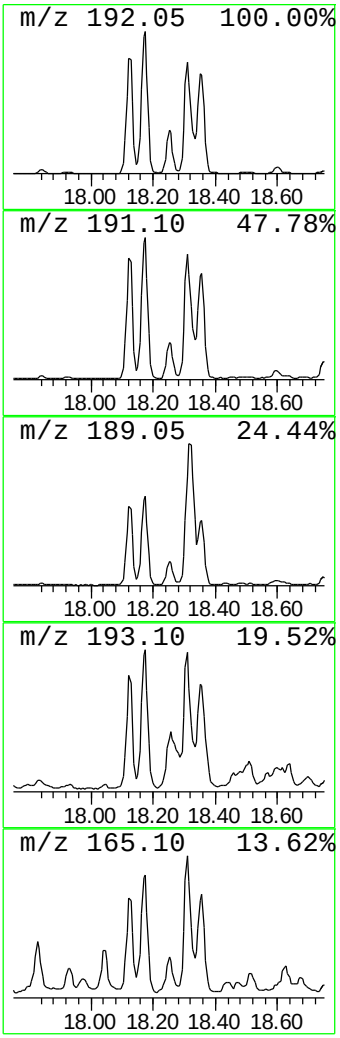
Peak Number 19 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	4.00 ng/ul	1198650	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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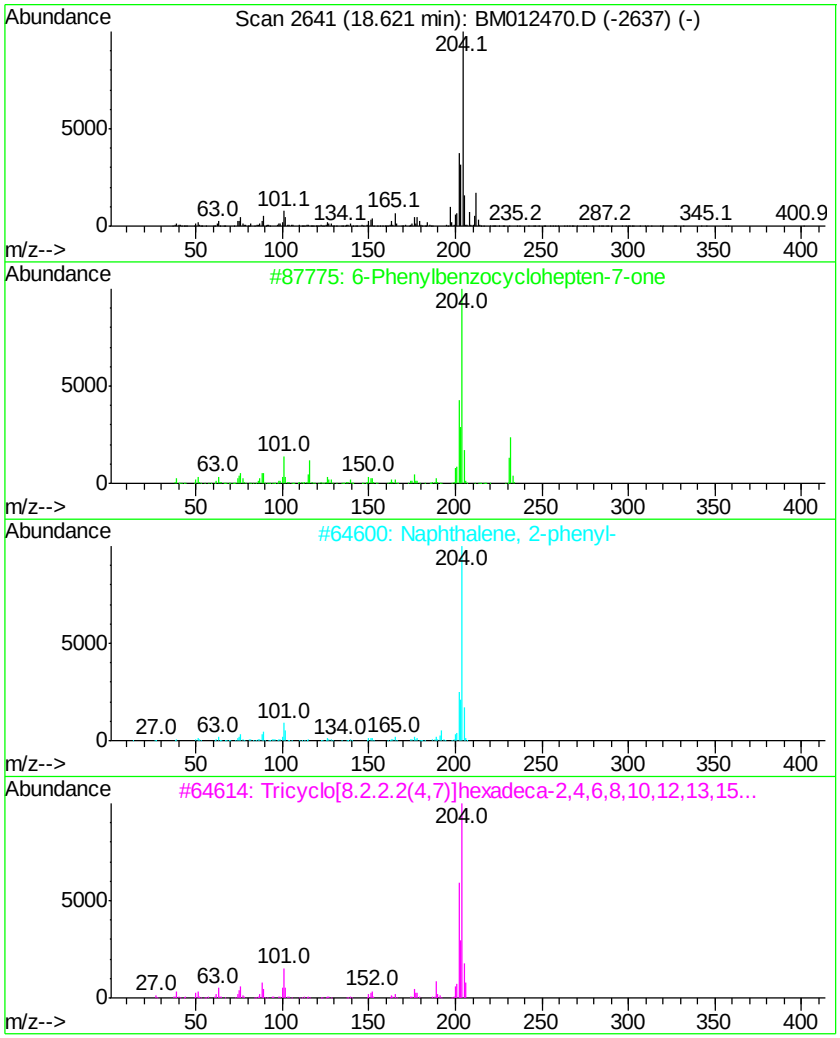
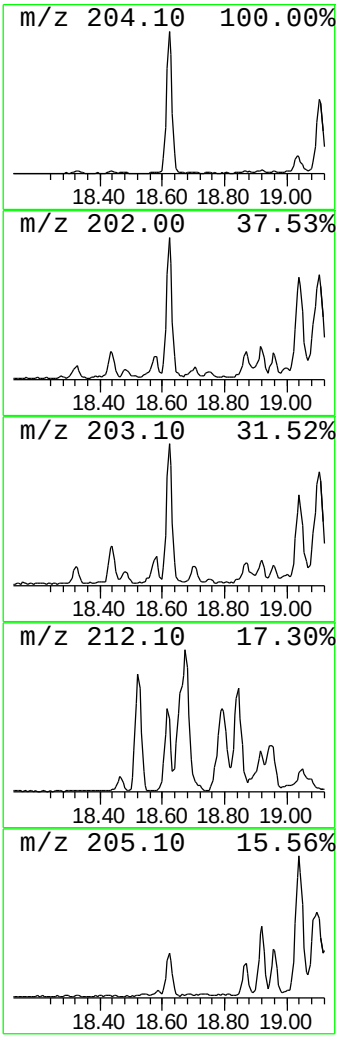
Peak Number 22 6-Phenylbenzocyclohepten-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.60 ng/ul	1079630	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	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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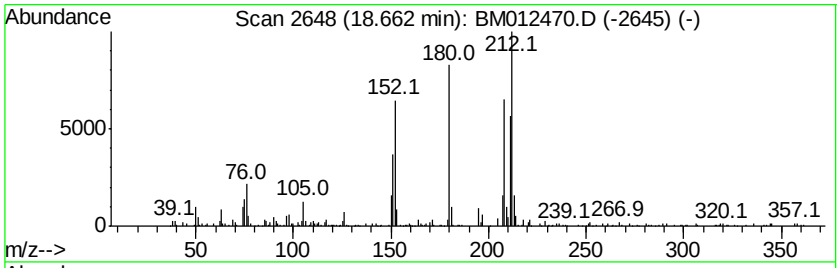
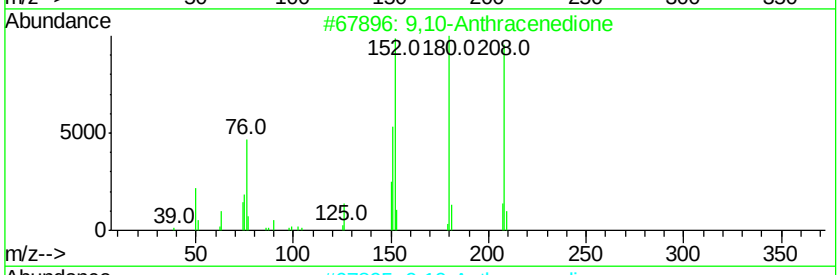
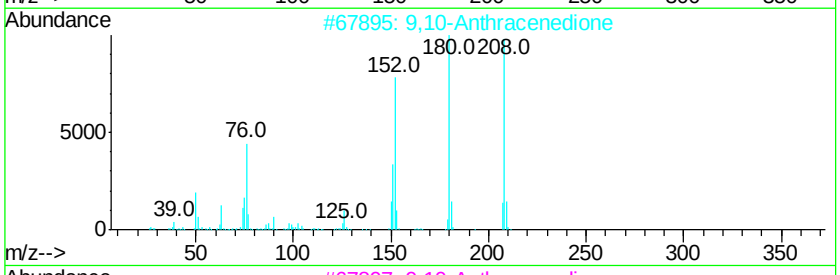
Peak Number 23 9,10-Anthracenedione Concentration Rank 19

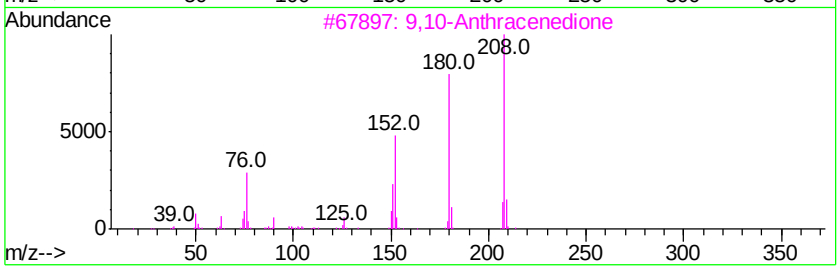
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	3.68 ng/ul	1102200	Phenanthrene-d10	17.25

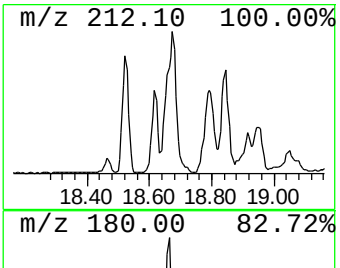
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	55
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	42

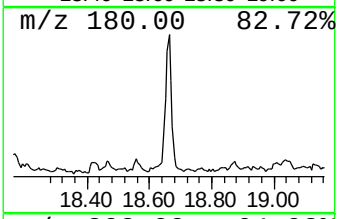


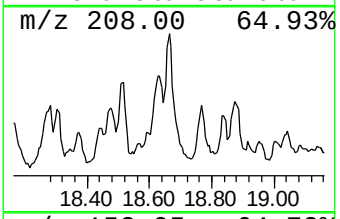


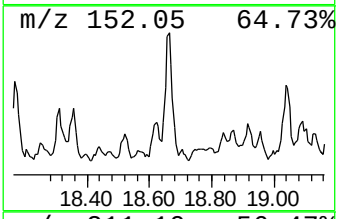


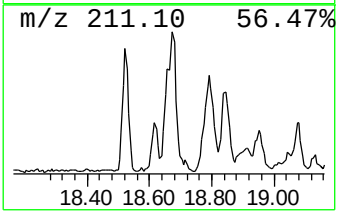












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Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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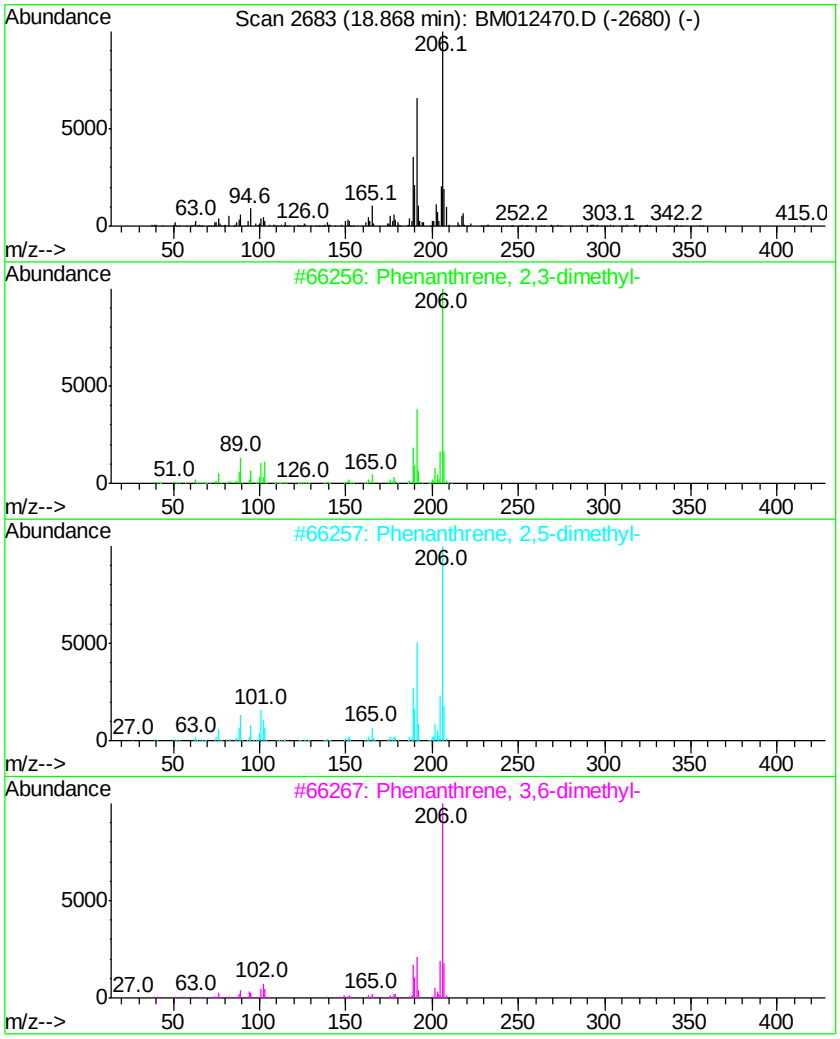
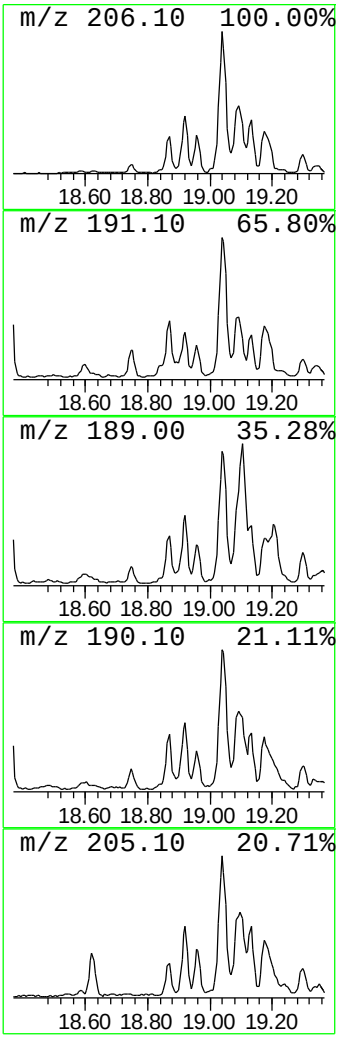
Peak Number 24 Phenanthrene, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	3.42 ng/ul	1025890	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	81
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81





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Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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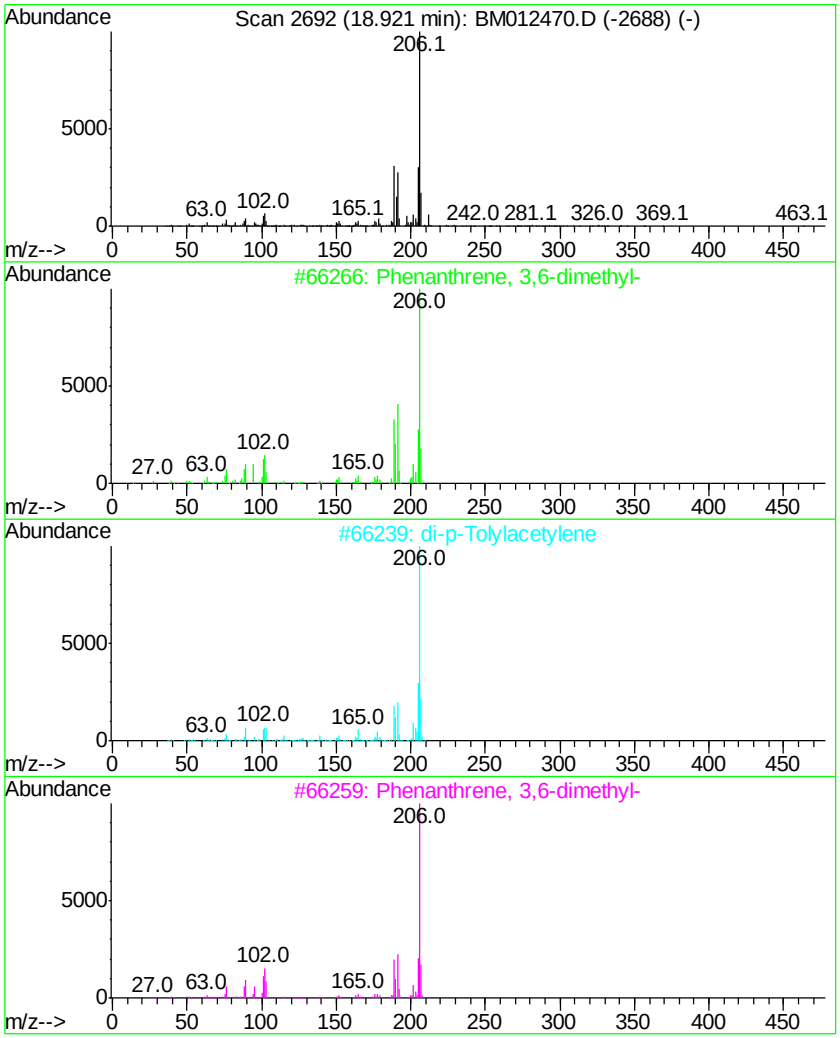
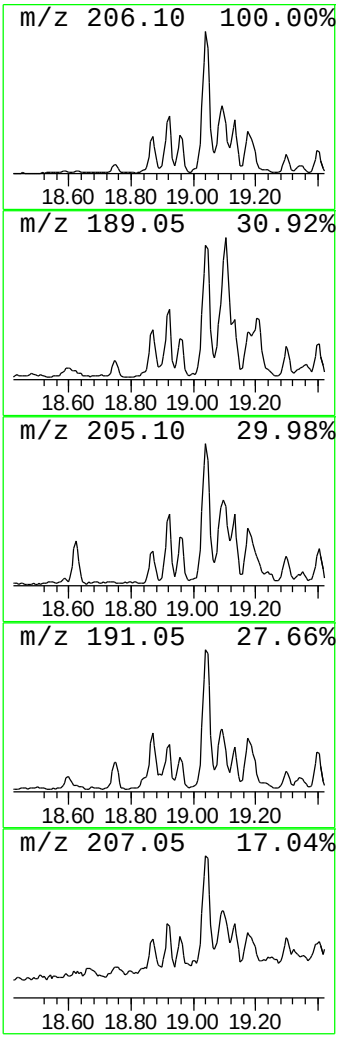
Peak Number 25 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	4.08 ng/ul	1222150	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	81





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Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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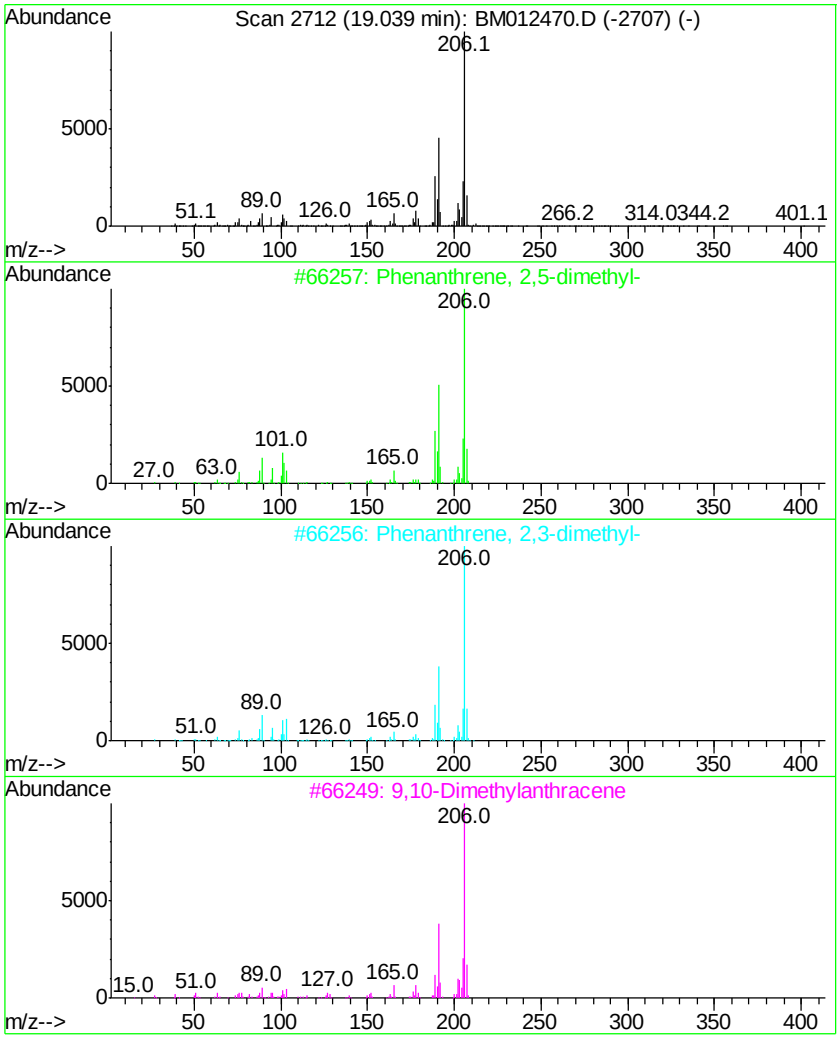
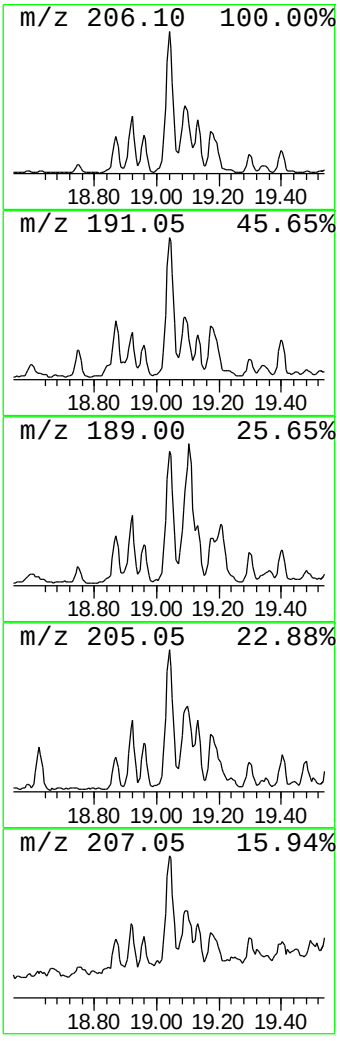
Peak Number 27 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	11.63 ng/ul	3485760	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, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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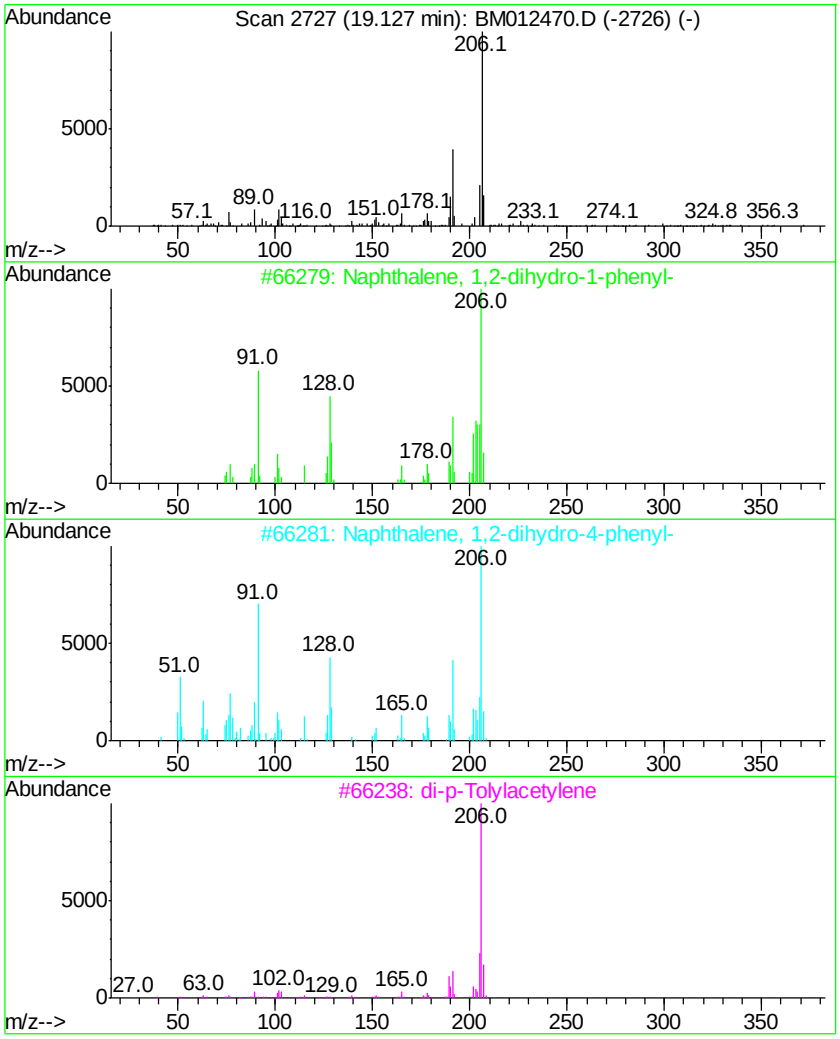
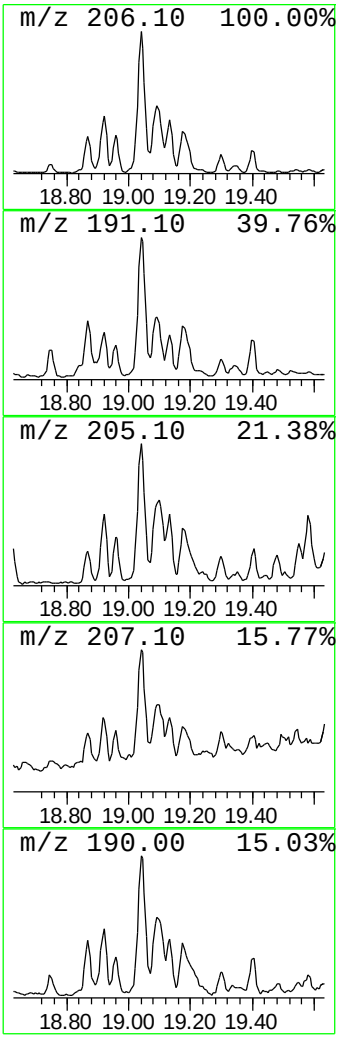
Peak Number 29 Naphthalene, 1,2-dihydro-1-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.28 ng/ul	684684	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	86
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	74
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74





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Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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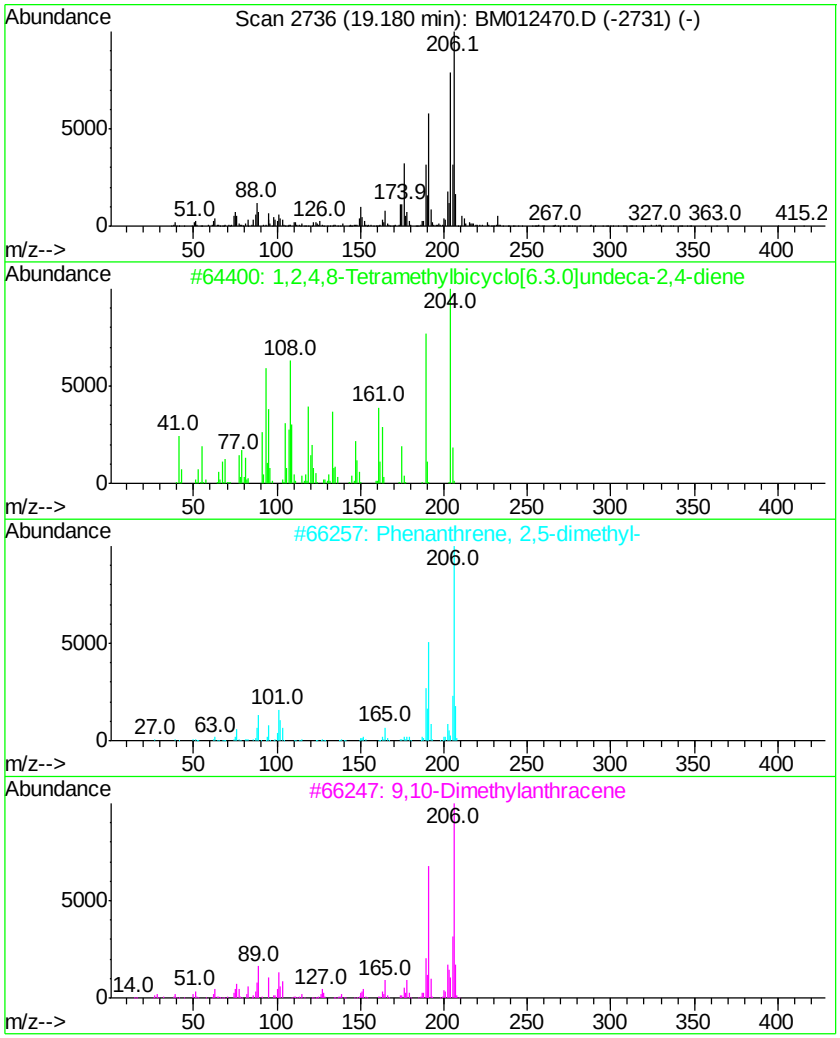
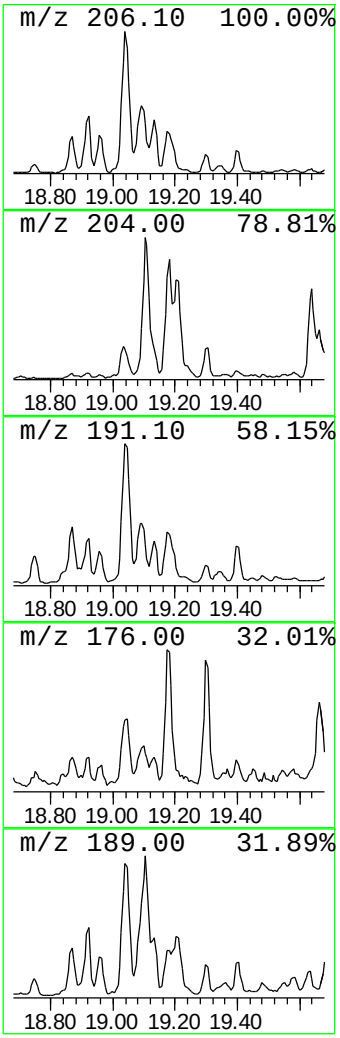
Peak Number 30 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	7.99 ng/ul	2396880	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	55
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	55





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Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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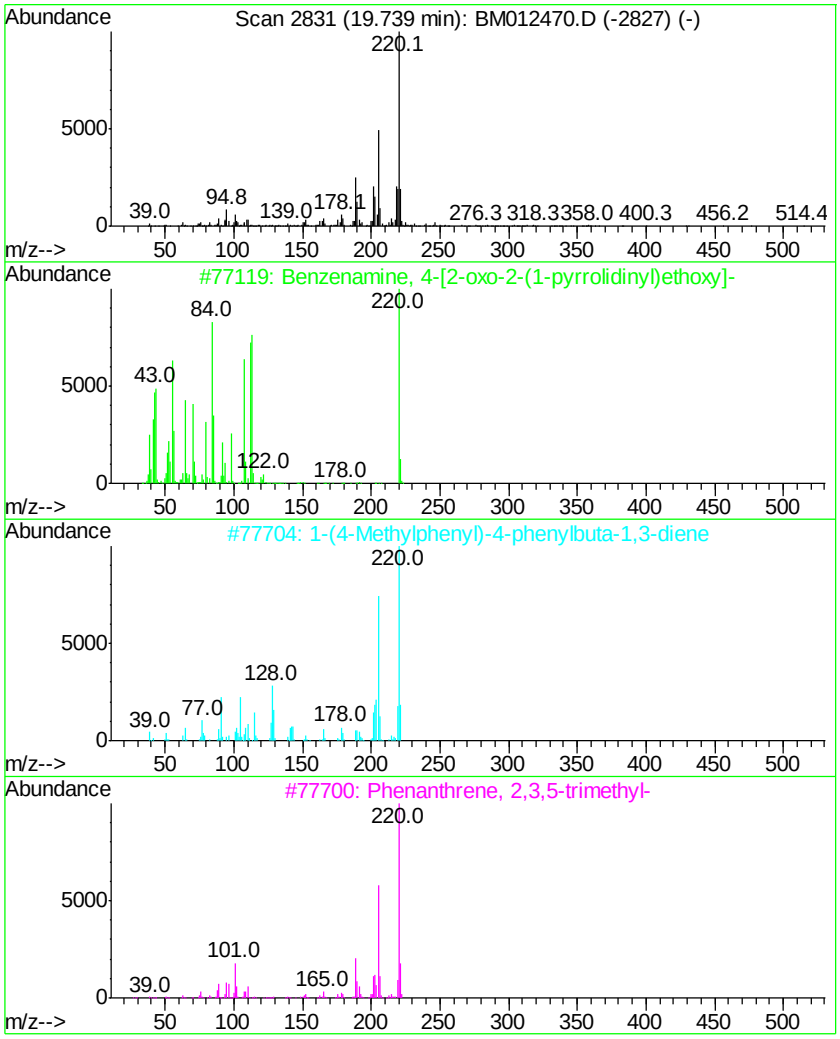
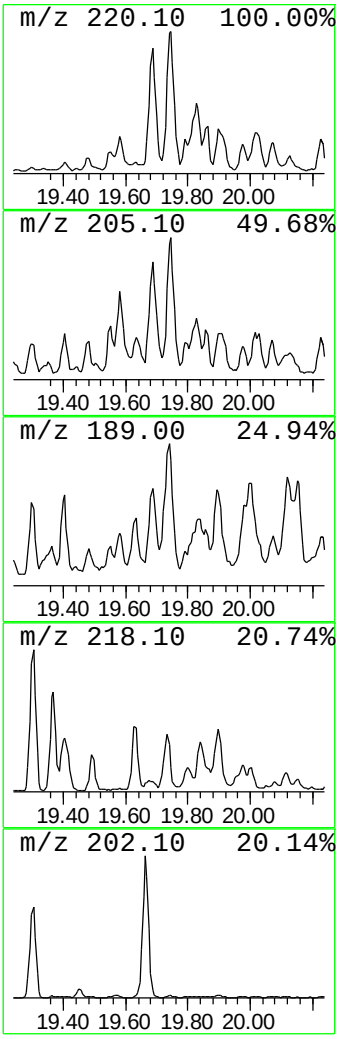
Peak Number 31 Benzenamine, 4-[2-oxo-2-(1-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.66 ng/ul	1277920	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-[2-oxo-2-(1-pyrro...	220	C12H16N2O2	1000327-54-6	74
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	70
3	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	64
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	50
5	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	47





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Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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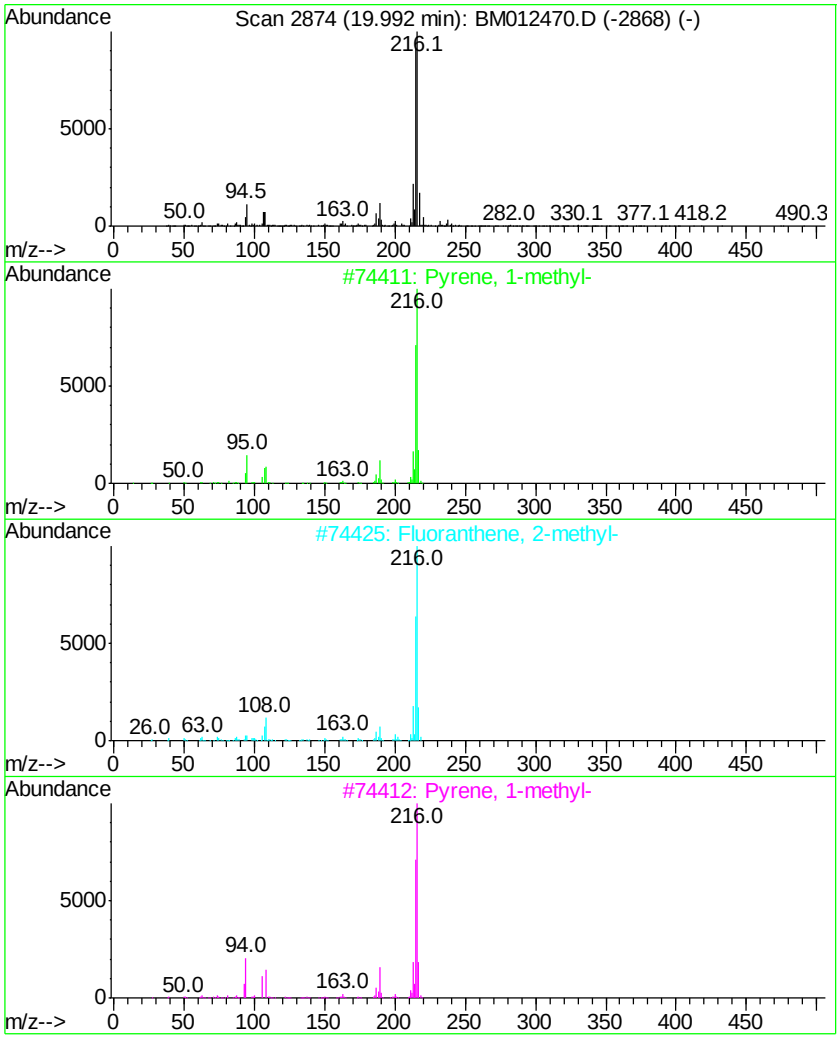
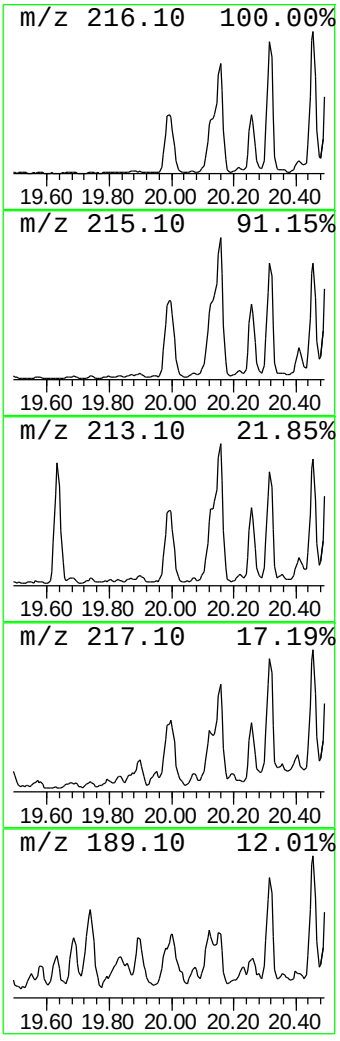
Peak Number 32 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	5.37 ng/ul	2579070	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
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Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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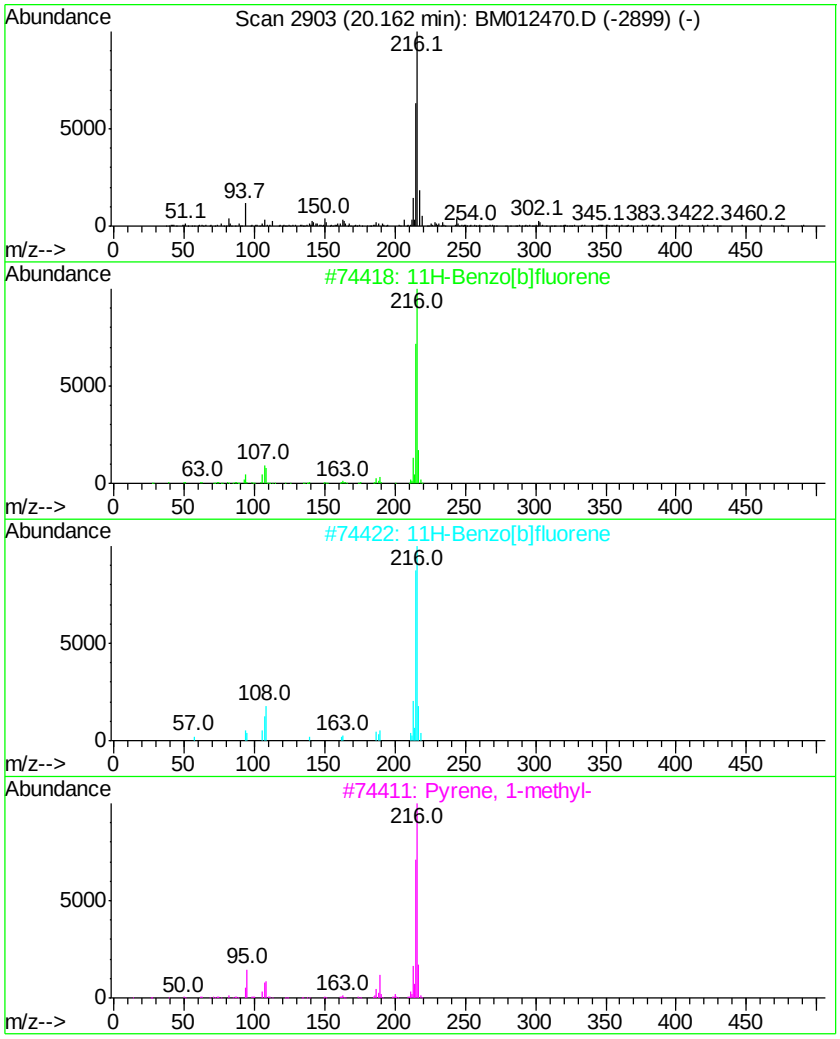
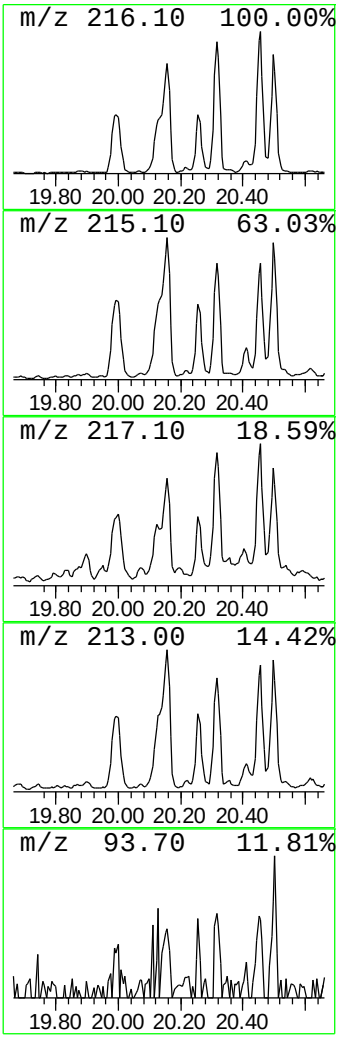
Peak Number 34 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	3.72 ng/ul	1784090	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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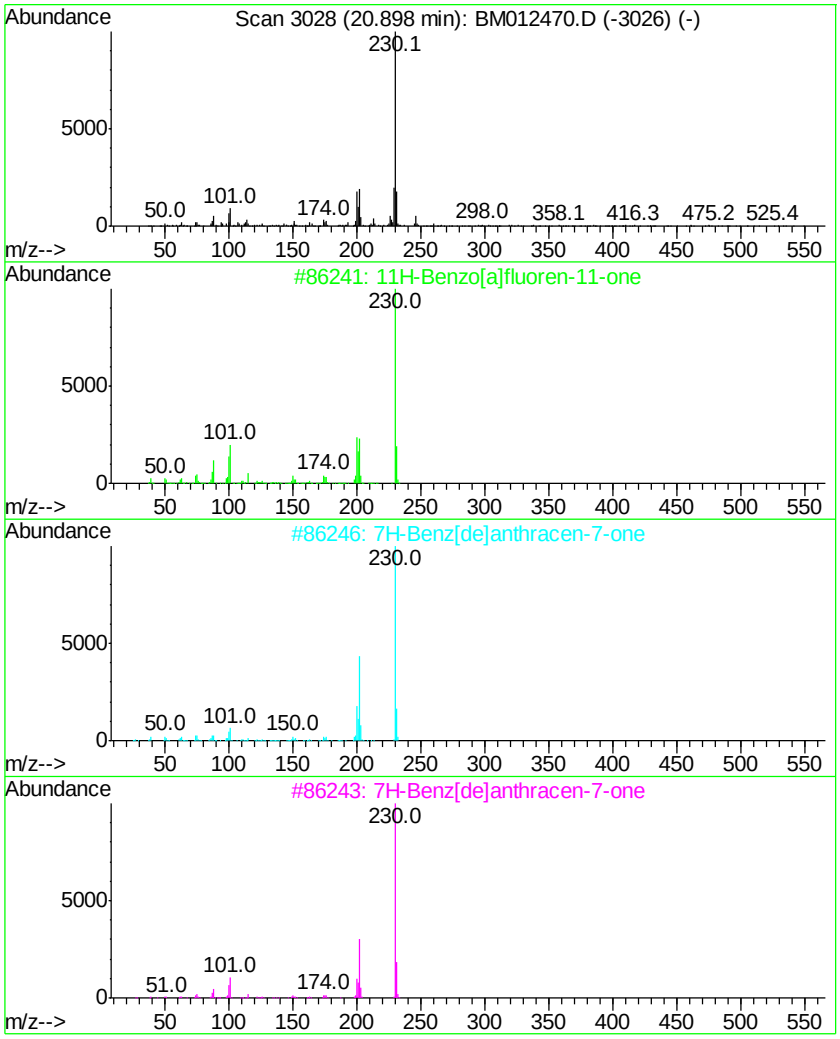
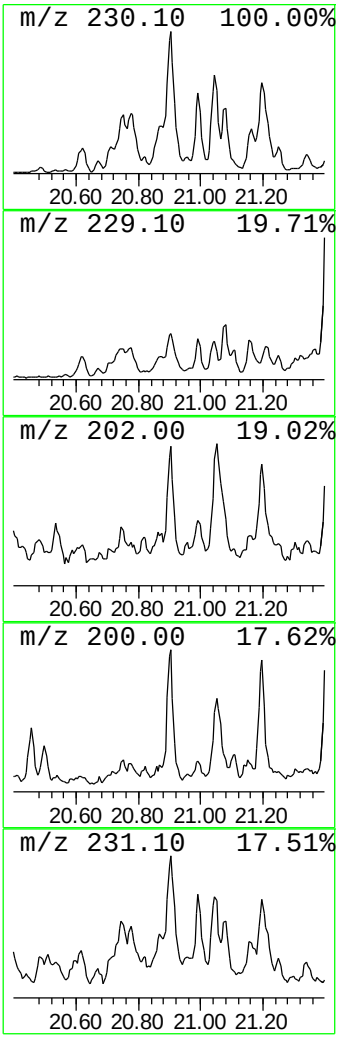
Peak Number 38 11H-Benzo[a]fluoren-11-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.73 ng/ul	1309740	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	86
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	76
4	2-Norbornene, 7-methoxy-7-(p-met...	230	C15H18O2	027999-78-6	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





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ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId : B0CN4DL

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Quant Title : SVOA CALIBRATION

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

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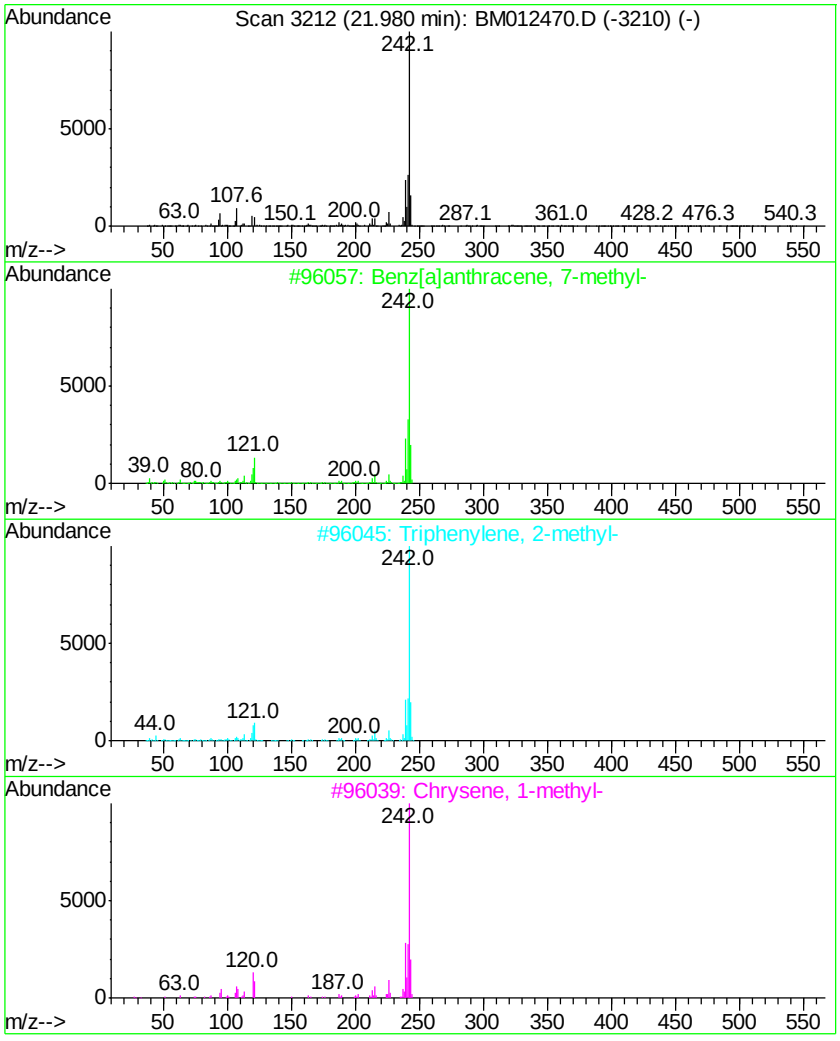
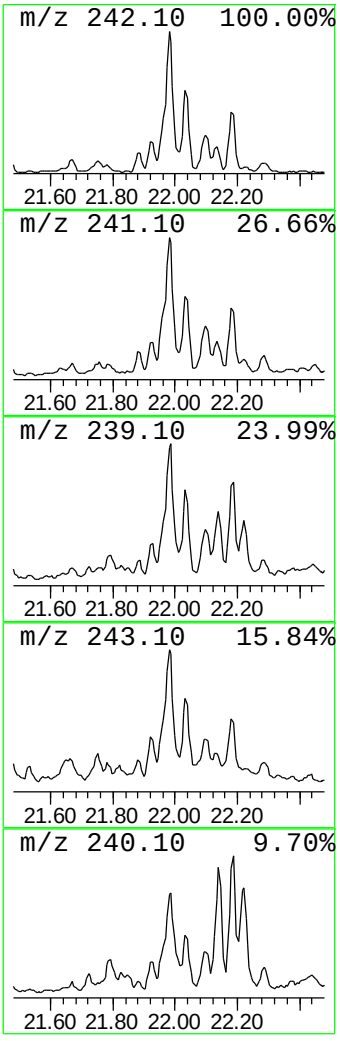
Peak Number 39 Benz[a]anthracene, 7-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	3.25 ng/ul	1560470	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	83
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	70
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	68
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	64





Library Search Compound Report

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Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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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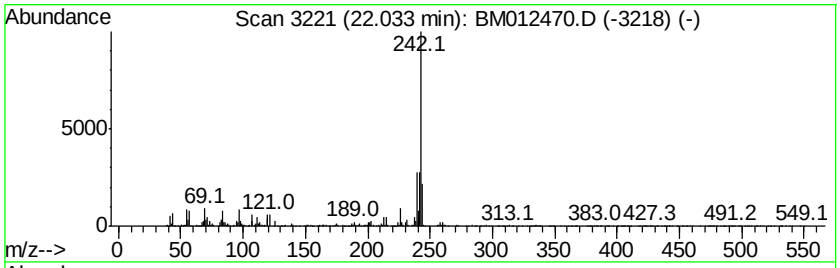
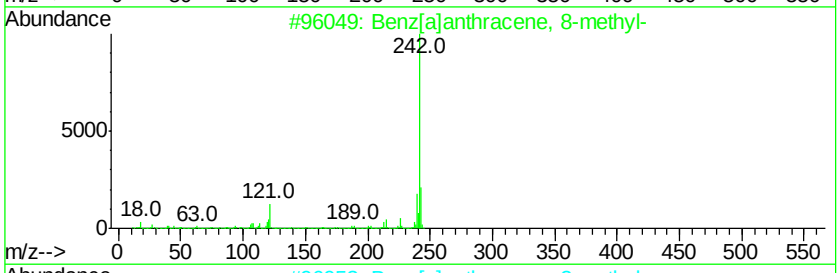
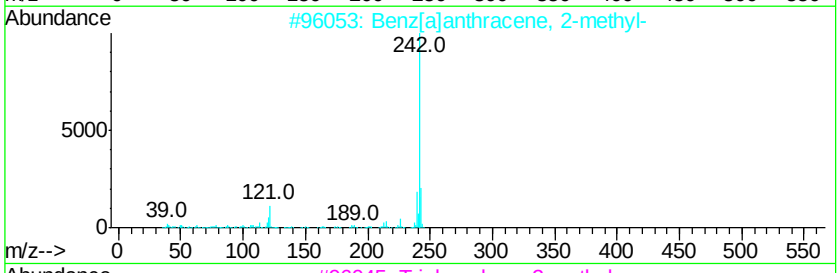
Peak Number 40 Benz[a]anthracene, 8-methyl- Concentration Rank 27

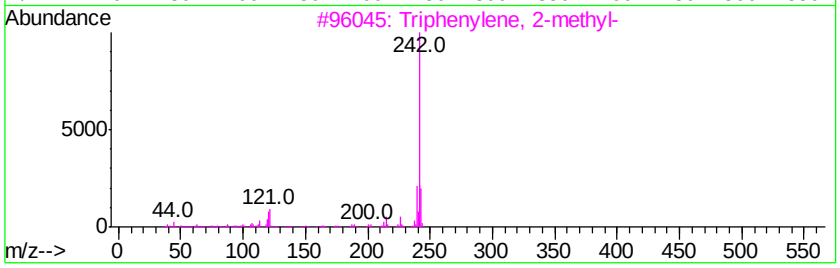
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	3.24 ng/ul	1556730	Chrysene-d12	21.42

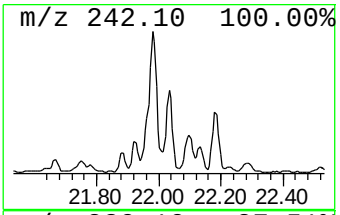
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89

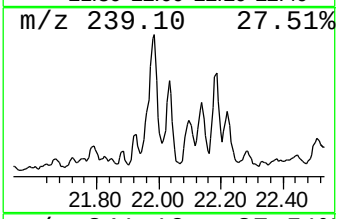


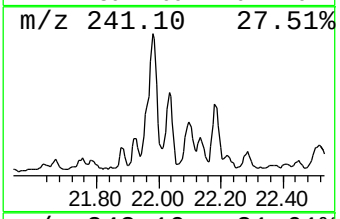


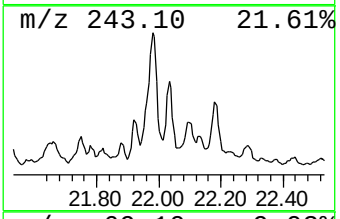


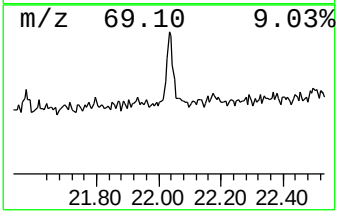












Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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

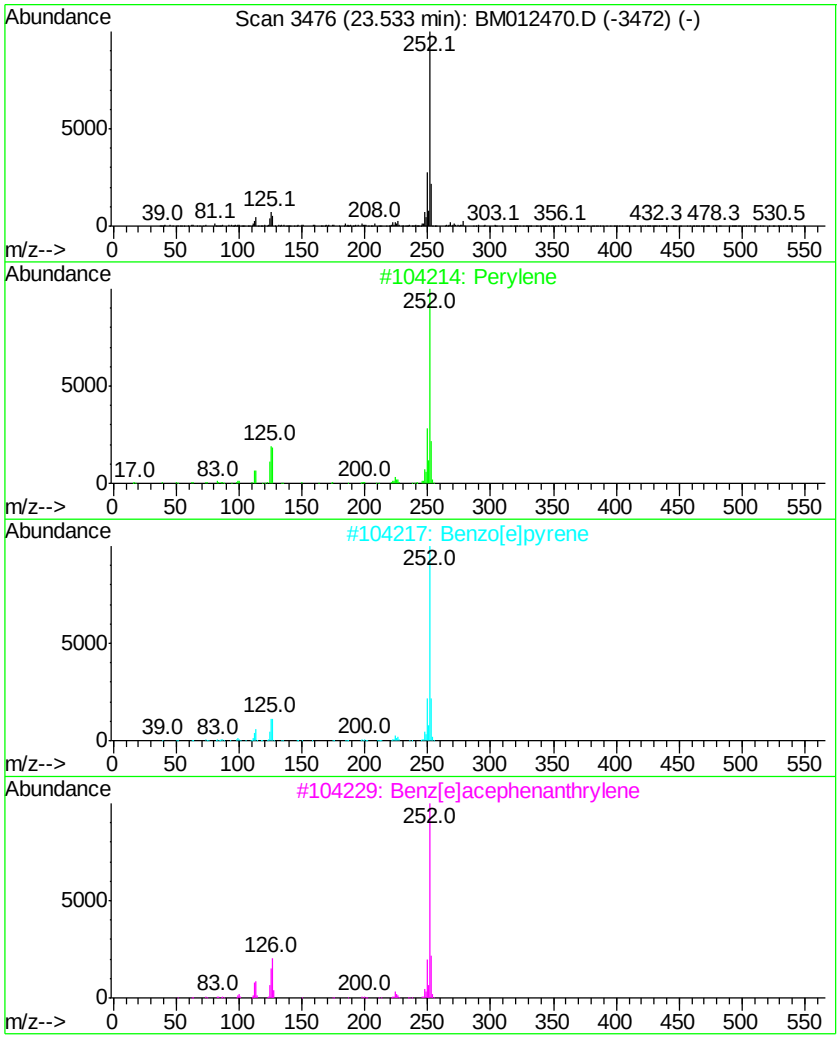
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

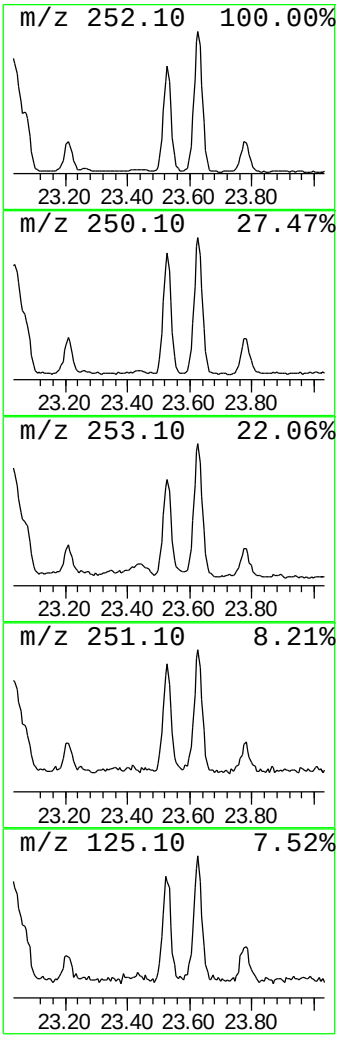
****

Peak Number 41 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.53	5.32 ng/ul	1284700	Perylene-d12	23.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

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
Naphthalene, 2-me...	12.55	4.1	ng/ul	935248	2	10.67	4604290	20.0
Naphthalene, 2,6-...	13.67	2.3	ng/ul	714472	3	14.51	6161160	20.0
Naphthalene, 2,3-...	13.83	5.3	ng/ul	1644430	3	14.51	6161160	20.0
Naphthalene, 2,3,...	14.90	3.3	ng/ul	1024710	3	14.51	6161160	20.0
Naphthalene, 1,6,...	14.98	2.7	ng/ul	841349	3	14.51	6161160	20.0
Bicyclo[3.2.1]oct...	15.86	3.5	ng/ul	1080080	3	14.51	6161160	20.0
Chamazulene	16.23	2.3	ng/ul	699013	4	17.25	5996730	20.0
9H-Fluorene, 1-me...	16.56	4.6	ng/ul	1370780	4	17.25	5996730	20.0
9H-Fluorene, 2-me...	16.60	2.7	ng/ul	808030	4	17.25	5996730	20.0
Naphtho[2,1-b]thi...	17.07	2.4	ng/ul	717943	4	17.25	5996730	20.0
9H-Fluorene, 2,3-...	17.44	3.0	ng/ul	897827	4	17.25	5996730	20.0
Dibenzothiophene,...	17.83	3.3	ng/ul	1001910	4	17.25	5996730	20.0
Phenanthrene, 1-m...	18.12	11.3	ng/ul	3388660	4	17.25	5996730	20.0
Anthracene, 2-met...	18.25	4.0	ng/ul	1198650	4	17.25	5996730	20.0
6-Phenylbenzocycl...	18.62	3.6	ng/ul	1079630	4	17.25	5996730	20.0
9,10-Anthracenedione	18.66	3.7	ng/ul	1102200	4	17.25	5996730	20.0
Phenanthrene, 2,3...	18.87	3.4	ng/ul	1025890	4	17.25	5996730	20.0
Phenanthrene, 3,6...	18.92	4.1	ng/ul	1222150	4	17.25	5996730	20.0
Phenanthrene, 2,5...	19.04	11.6	ng/ul	3485760	4	17.25	5996730	20.0
Naphthalene, 1,2-...	19.13	2.3	ng/ul	684684	4	17.25	5996730	20.0
1,2,4,8-Tetrameth...	19.18	8.0	ng/ul	2396880	4	17.25	5996730	20.0
Benzenamine, 4-[2...	19.74	2.7	ng/ul	1277920	5	21.42	9599100	20.0
Pyrene, 1-methyl-	19.99	5.4	ng/ul	2579070	5	21.42	9599100	20.0
11H-Benzo[b]fluorene	20.16	3.7	ng/ul	1784090	5	21.42	9599100	20.0
11H-Benzo[a]fluor...	20.90	2.7	ng/ul	1309740	5	21.42	9599100	20.0
Benz[a]anthracene...	21.98	3.3	ng/ul	1560470	5	21.42	9599100	20.0
Benz[a]anthracene...	22.03	3.2	ng/ul	1556730	5	21.42	9599100	20.0
Perylene	23.53	5.3	ng/ul	1284700	6	23.73	4829700	20.0