LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.685	674	680	690	rVB	231576	403558	5.65%	0.333%
2	6.826	699	704	709	rVV	161299	243752	3.41%	0.201%
3	7.020	730	737	744	rVB	245501	381155	5.34%	0.314%
4	7.478	807	815	821	rBV	584338	923929	12.94%	0.761%
5	8.213	934	940	947	rBV	304160	477234	6.68%	0.393%
6	8.636	1007	1012	1021	rVB	232287	385143	5.39%	0.317%
7	9.358	1125	1135	1140	rBV	221104	375985	5.26%	0.310%
8	9.905	1222	1228	1236	rVB	355556	583113	8.16%	0.481%
9	10.269	1282	1290	1294	rVV	826197	1432156	20.05%	1.180%
10	10.322	1294	1299	1306	rVV	1575663	2509358	35.14%	2.068%
11	11.949	1568	1576	1584	rVB	1881244	3077826	43.10%	2.537%
12	12.173	1601	1614	1623	rBV	1930240	3150645	44.12%	2.597%
13	12.983	1746	1752	1758	rBV	409790	596581	8.35%	0.492%
14	13.177	1780	1785	1788	rBV2	232430	373525	5.23%	0.308%
15	13.318	1801	1809	1810	rBV	510815	716300	10.03%	0.590%
16	13.483	1827	1837	1842	rVV	1276042	2261494	31.67%	1.864%
17	13.536	1842	1846	1850	rVV	840332	1178828	16.51%	0.972%
18	13.577	1850	1853	1857	rVV	518912	715615	10.02%	0.590%
19	13.624	1857	1861	1870	rVB2	377074	588407	8.24%	0.485%
20	13.718	1870	1877	1881	rBV	679267	1085257	15.20%	0.894%
21	13.747	1881	1882	1889	rVB	267510	294654	4.13%	0.243%
22	13.853	1894	1900	1902	rBV	550795	821758	11.51%	0.677%
23	13.882	1902	1905	1915	rVB	1459974	2069146	28.97%	1.705%
24	14.164	1942	1953	1959	rBV3	1053540	1969859	27.58%	1.624%
25	14.223	1959	1963	1966	rVV2	300219	461417	6.46%	0.380%
26	14.382	1983	1990	1992	rBV2	174848	338600	4.74%	0.279%
27	14.411	1993	1995	2000	rVV	179571	301661	4.22%	0.249%
28	14.564	2010	2021	2029	rBV	463760	1017445	14.25%	0.839%
29	14.646	2030	2035	2039	rVV	300323	413130	5.78%	0.340%
30	14.787	2052	2059	2064	rBV3	327409	619477	8.67%	0.511%
31	14.840	2064	2068	2073	rVB	226886	292450	4.09%	0.241%
32	14.940	2080	2085	2087	rBV2	232388	335542	4.70%	0.277%
33	14.963	2087	2089	2092	rVV2	233679	320506	4.49%	0.264%
34	14.993	2092	2094	2099	rVV2	236169	315929	4.42%	0.260%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

35	15.040	2099	2102	2107	rVB	207082	275760	3.86%	0.227%
36	15.163	2119	2123	2128	rVB	750152	1086203	15.21%	0.895%
37	15.222	2128	2133	2144	rVB2	1169275	1941993	27.19%	1.601%
38	15.433	2165	2169	2177	rVB5	158414	302244	4.23%	0.249%
39	15.516	2177	2183	2193	rBV4	179447	350963	4.91%	0.289%
40	15.663	2205	2208	2216	rVB3	129668	282434	3.95%	0.233%
41	15.898	2242	2248	2257	rVB5	287380	516232	7.23%	0.425%
42	16.227	2297	2304	2309	rBV3	381703	847310	11.86%	0.698%
43	16.280	2309	2313	2318	rVB	464129	624577	8.75%	0.515%
44	16.379	2326	2330	2335	rVB2	231329	346975	4.86%	0.286%
45	16.444	2336	2341	2348	rBV7	211084	505794	7.08%	0.417%
46	16.579	2360	2364	2371	rVB	343570	496630	6.95%	0.409%
47	16.697	2380	2384	2387	rVV	314120	407203	5.70%	0.336%
48	16.738	2387	2391	2399	rVV	325103	504391	7.06%	0.416%
49	16.926	2418	2423	2426	rBV	885034	1369520	19.18%	1.129%
50	16.979	2426	2432	2436	rVV	4859755	7141723	100.00%	5.886%
51	17.026	2436	2440	2443	rVV2	647135	847041	11.86%	0.698%
52	17.061	2443	2446	2449	rVV	466326	560439	7.85%	0.462%
53	17.108	2449	2454	2461	rVV4	420821	824885	11.55%	0.680%
54	17.531	2518	2526	2531	rVB4	747822	1623511	22.73%	1.338%
55	17.643	2542	2545	2552	rVB3	274675	470643	6.59%	0.388%
56	17.725	2555	2559	2563	rBV3	173260	247377	3.46%	0.204%
57	17.807	2565	2573	2577	rVV	1271336	2229014	31.21%	1.837%
58	17.854	2577	2581	2586	rVB	2152637	2836164	39.71%	2.338%
59	17.936	2591	2595	2600	rVV	299156	416960	5.84%	0.344%
60	18.001	2600	2606	2610	rVV2	2710822	4135399	57.90%	3.408%
61	18.042	2610	2613	2620	rVB2	1312311	2175754	30.47%	1.793%
62	18.107	2620	2624	2631	rBV4	283220	468591	6.56%	0.386%
63	18.289	2651	2655	2657	rBV	672772	891875	12.49%	0.735%
64	18.430	2676	2679	2682	rBV3	215116	261831	3.67%	0.216%
65	18.465	2682	2685	2692	rVB3	455810	616570	8.63%	0.508%
66	18.536	2693	2697	2699	rVV2	161702	252193	3.53%	0.208%
67	18.565	2699	2702	2706	rVV3	401486	630770	8.83%	0.520%
68	18.612	2707	2710	2714	rVV	378282	579259	8.11%	0.477%
69	18.653	2715	2717	2721	rVB	286471	301264	4.22%	0.248%
70	18.741	2727	2732	2736	rBV	985679	1682467	23.56%	1.387%
71	18.794	2737	2741	2745	rVV3	653745	1327975	18.59%	1.094%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

72	18.835	2745	2748	2750	rVV2	643857	836769	11.72%	0.690%
73	18.877	2750	2755	2763	rVB4	828850	2138770	29.95%	1.763%
74	19.012	2772	2778	2783	rVB	3566499	4838403	67.75%	3.988%
75	19.076	2785	2789	2791	rBV	402778	593670	8.31%	0.489%
76	19.106	2791	2794	2797	rVV2	412167	564718	7.91%	0.465%
77	19.153	2797	2802	2807	rVB	1530930	2179946	30.52%	1.797%
78	19.217	2809	2813	2816	rBV2	535413	679948	9.52%	0.560%
79	19.347	2830	2835	2836	rBV2	949049	1344256	18.82%	1.108%
80	19.376	2836	2840	2849	rVV	3477682	5626702	78.79%	4.637%
81	19.446	2850	2852	2856	rVV3	371226	493633	6.91%	0.407%
82	19.493	2857	2860	2864	rVV4	383371	510578	7.15%	0.421%
83	19.540	2865	2868	2871	rVV2	394048	586605	8.21%	0.483%
84	19.599	2875	2878	2886	rVB3	1198659	1790675	25.07%	1.476%
85	19.699	2891	2895	2906	rBV3	540226	1636888	22.92%	1.349%
86	19.869	2920	2924	2928	rVB2	1565400	2431108	34.04%	2.004%
87	19.922	2929	2933	2938	rBV3	723630	1070927	15.00%	0.883%
88	19.975	2938	2942	2945	rVV	608827	823080	11.52%	0.678%
89	20.028	2948	2951	2955	rVB2	626385	857555	12.01%	0.707%
90	20.146	2968	2971	2973	rBV	620937	664271	9.30%	0.547%
91	20.169	2973	2975	2978	rVV	554999	724884	10.15%	0.597%
92	20.216	2981	2983	2988	rVB2	912810	1073056	15.03%	0.884%
93	20.463	3022	3025	3028	rVB2	772357	803934	11.26%	0.663%
94	20.786	3074	3080	3084	rBV3	592223	1369850	19.18%	1.129%
95	21.062	3124	3127	3130	rVB	1021733	1049920	14.70%	0.865%
96	21.139	3134	3140	3144	rVV2	3176309	6834482	95.70%	5.633%
97	21.186	3145	3148	3157	rVB	3406851	4395777	61.55%	3.623%
98	21.685	3231	3233	3238	rVB	1131926	1189511	16.66%	0.980%
99	21.738	3239	3242	3246	rVB	854588	1019649	14.28%	0.840%
100	21.873	3262	3265	3270	rBV2	1327869	1791509	25.09%	1.477%

Sum of corrected areas: 121332443

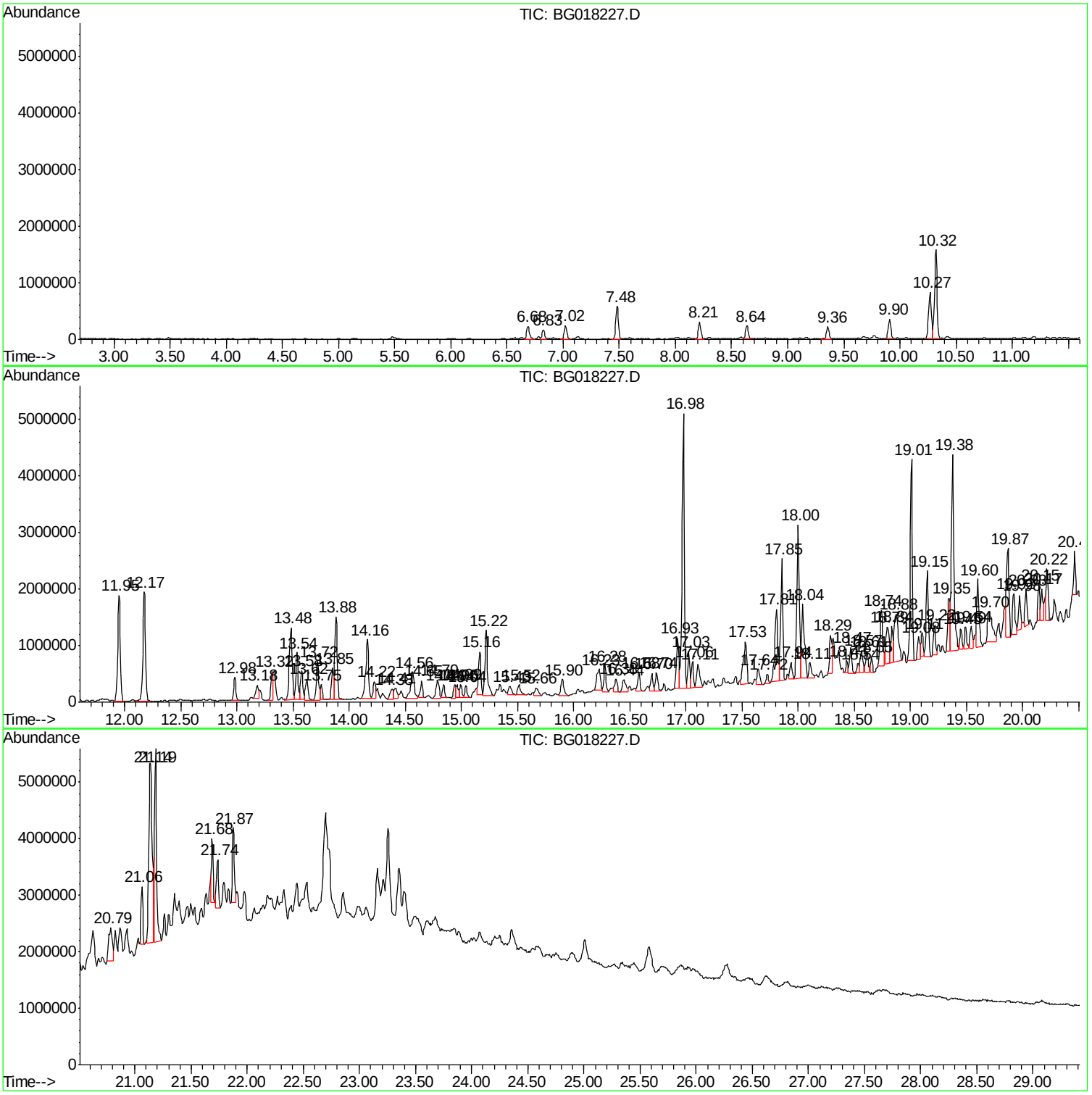
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

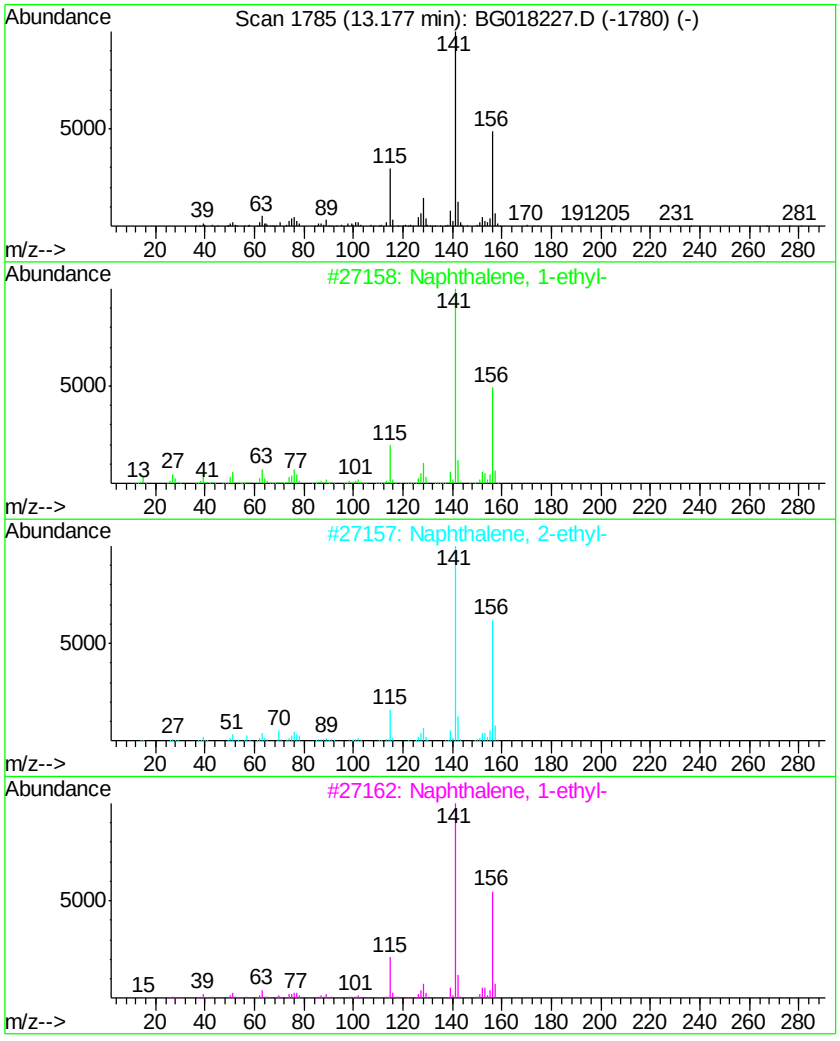
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

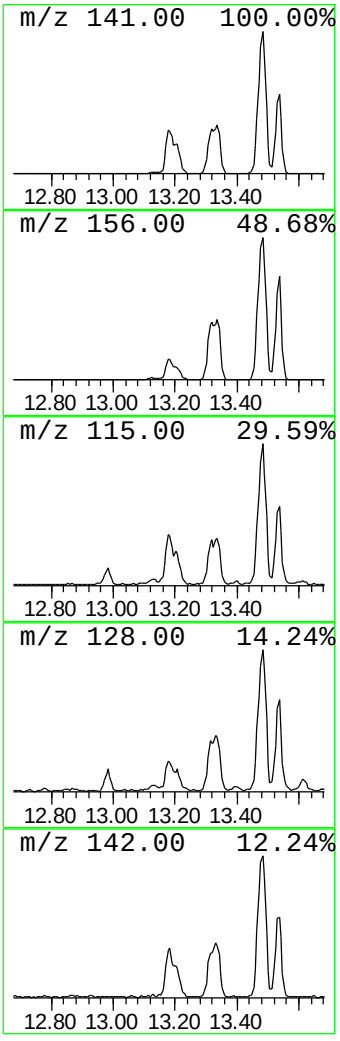
****

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	3.79 ng/ul	373525	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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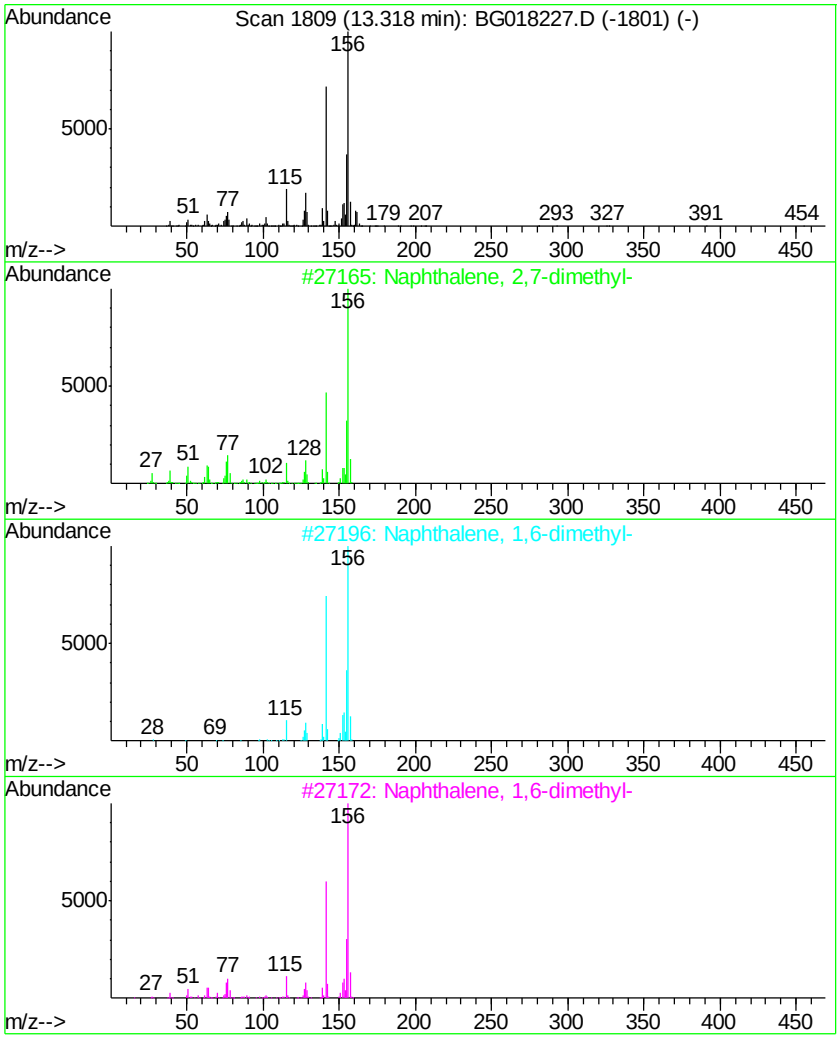
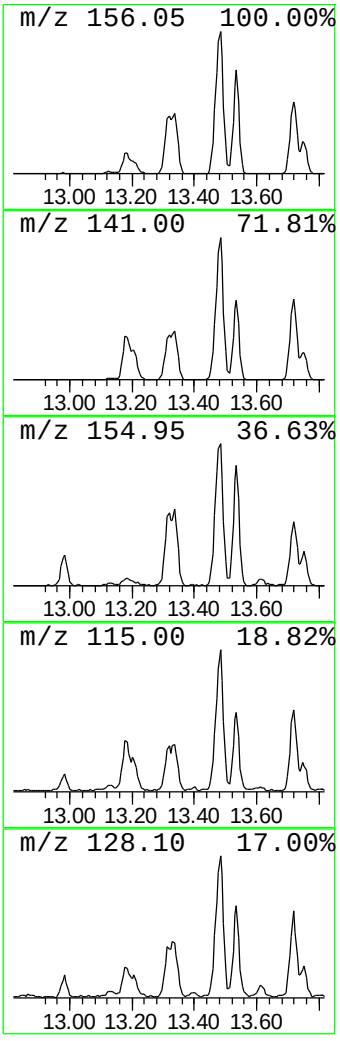
Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	7.27 ng/ul	716300	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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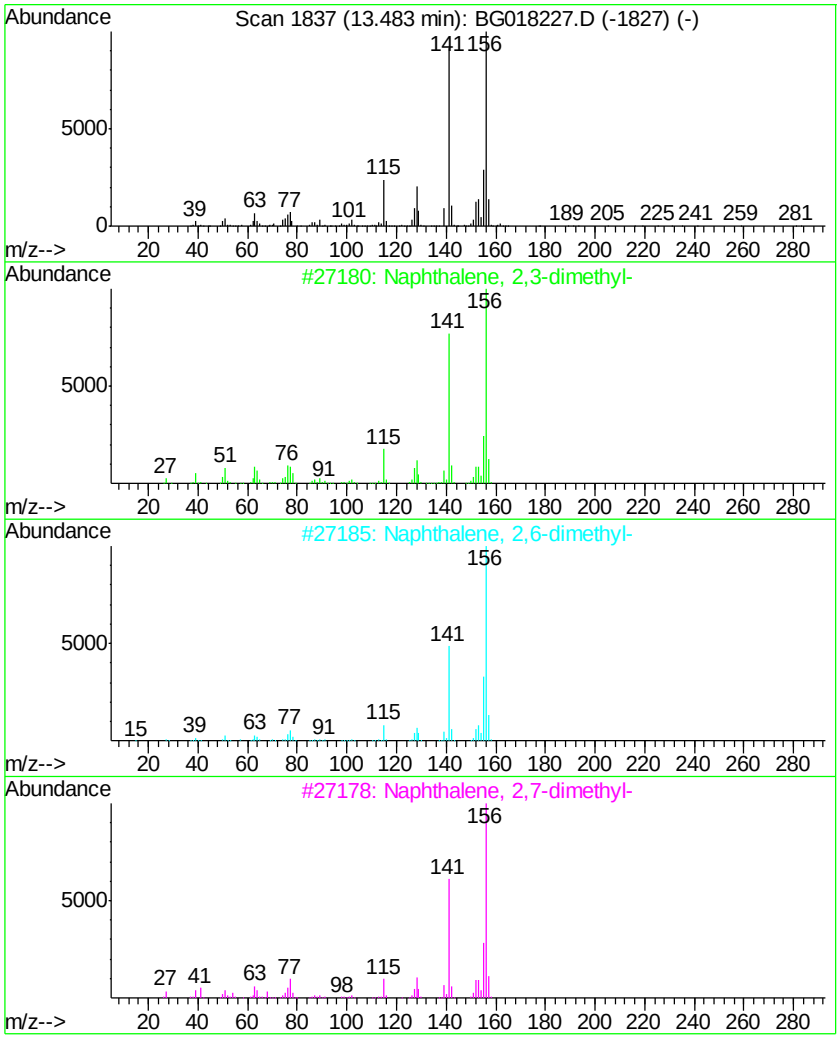
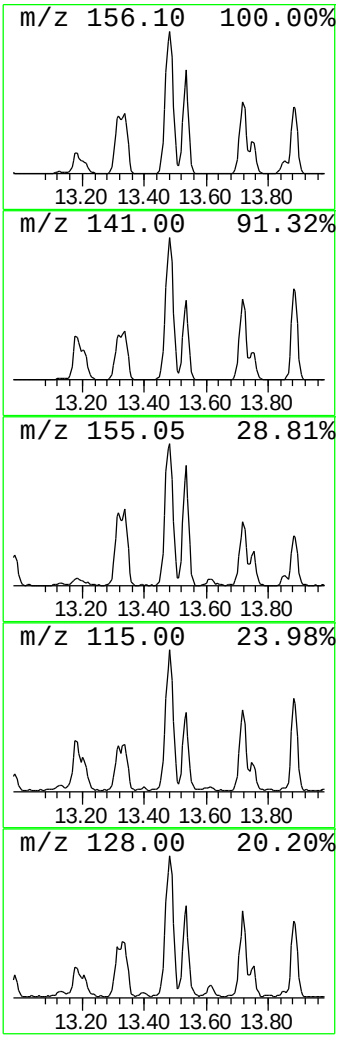
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	22.96 ng/ul	2261490	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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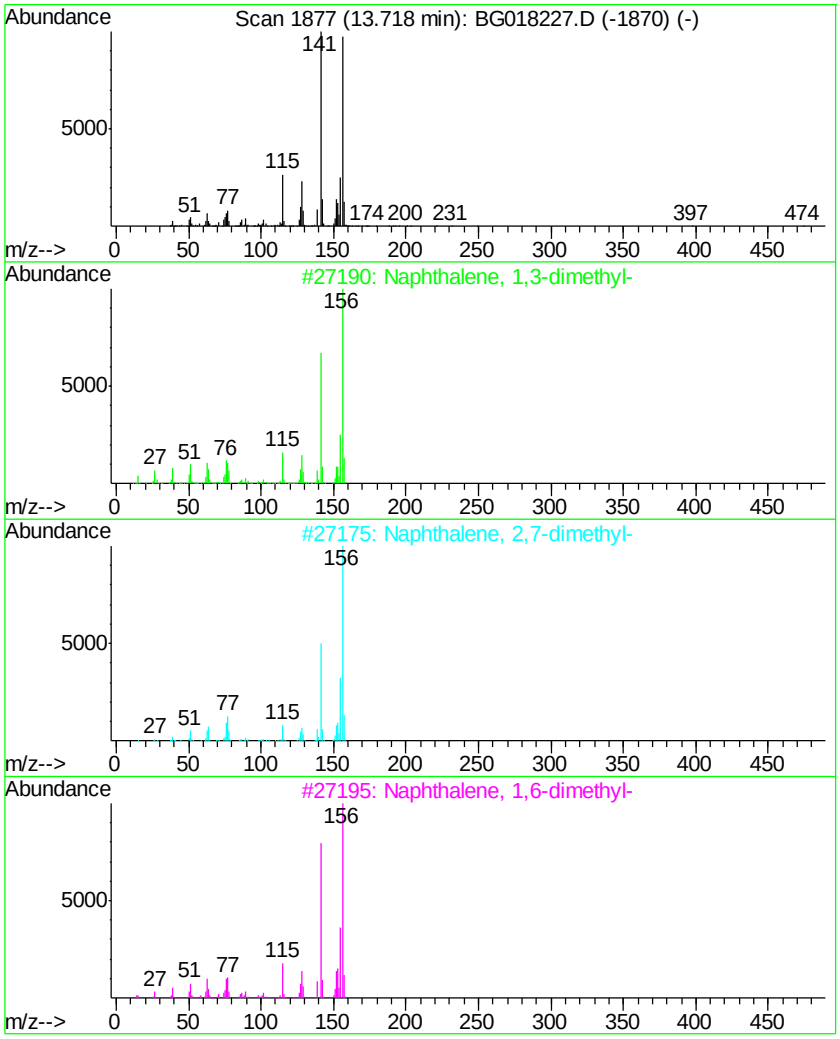
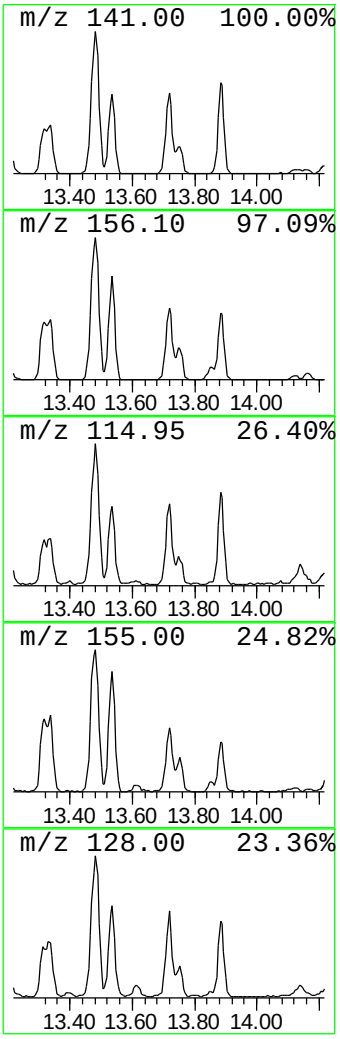
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	11.02 ng/ul	1085260	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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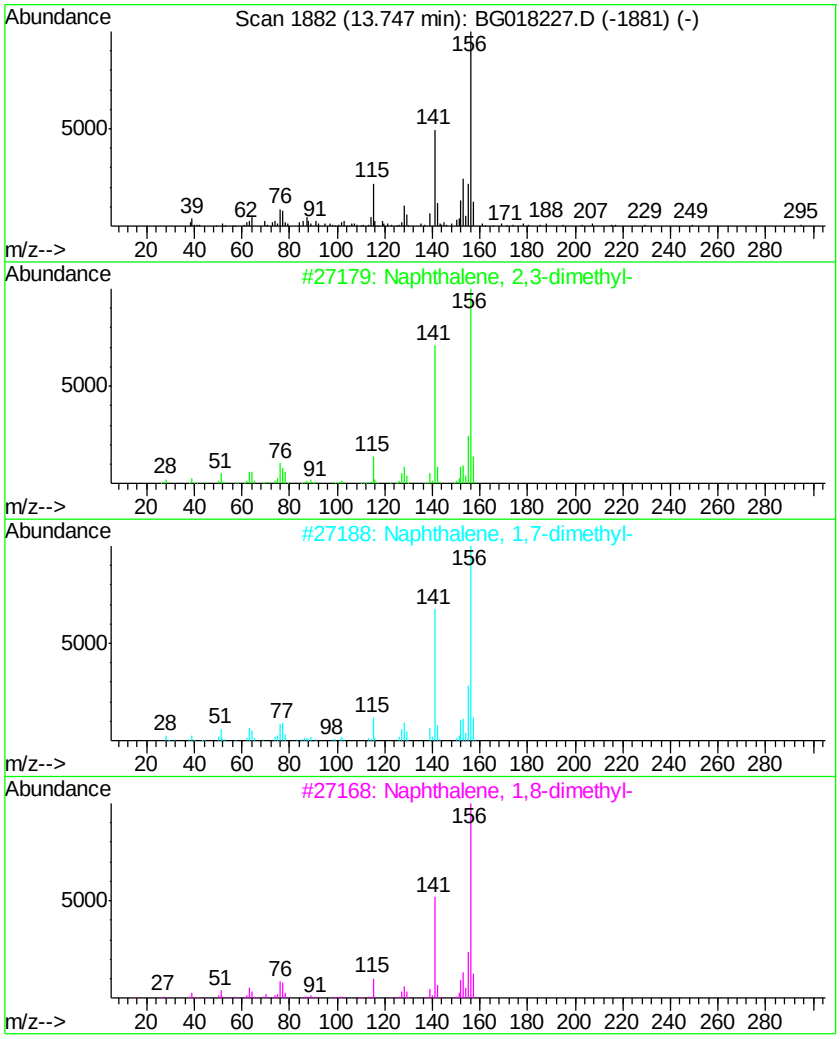
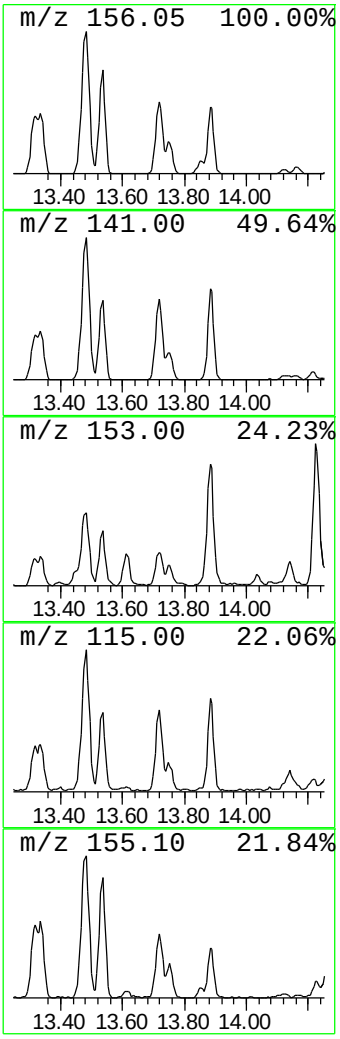
Peak Number 5 Naphthalene, 1,8-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.99 ng/ul	294654	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	90
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90





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Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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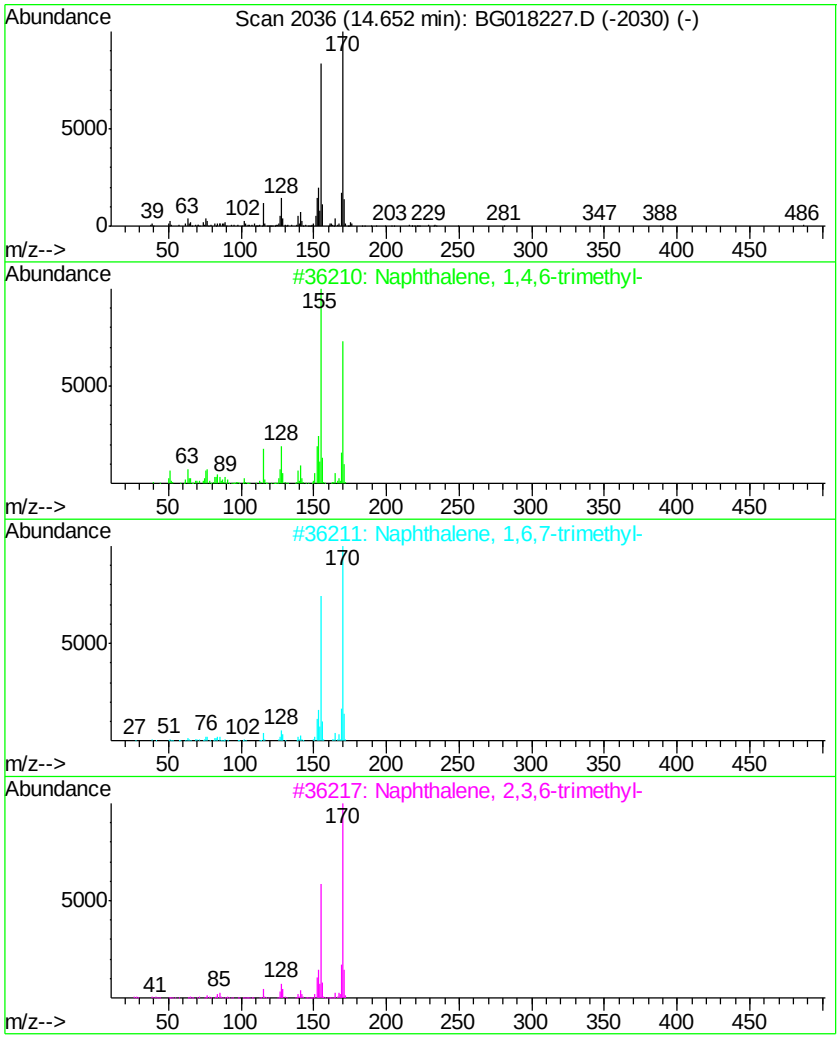
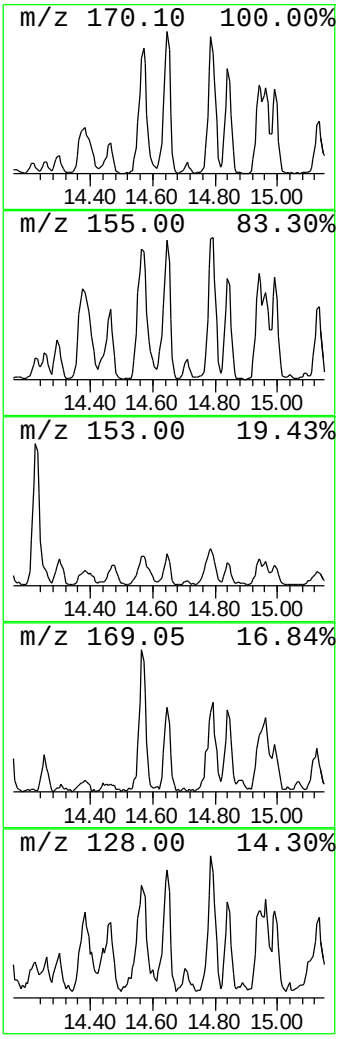
Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	4.19 ng/ul	413130	Acenaphthene-d10	14.16

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





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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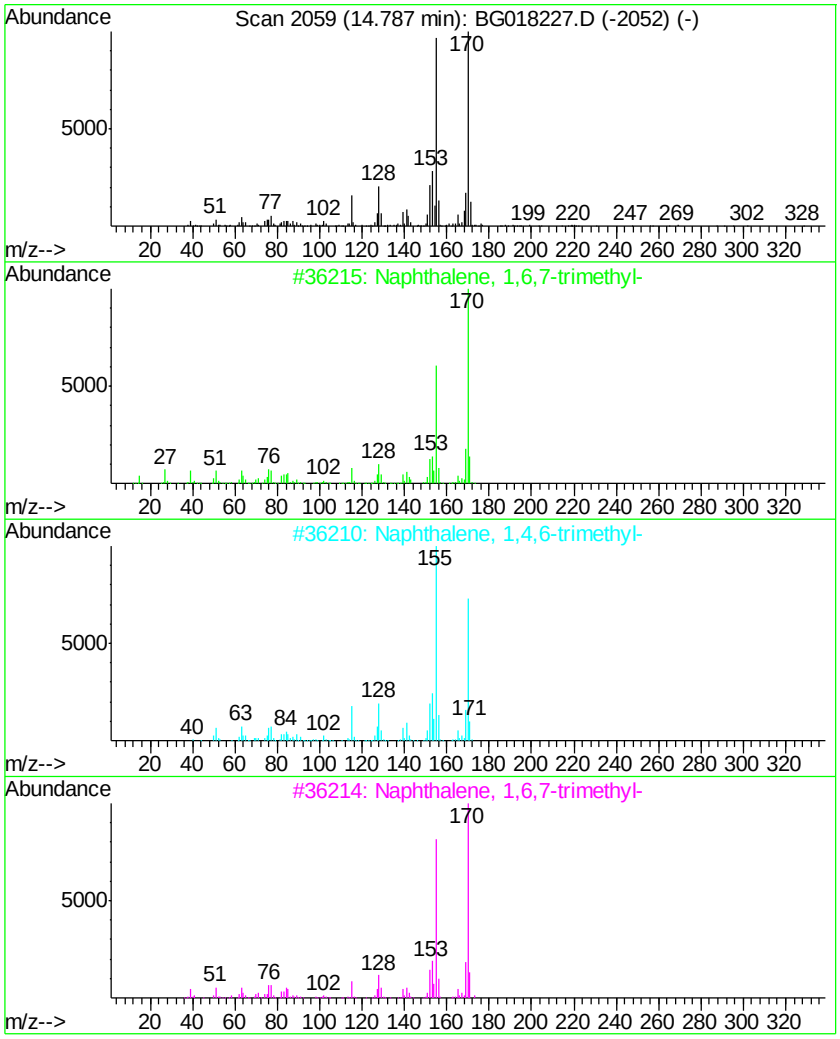
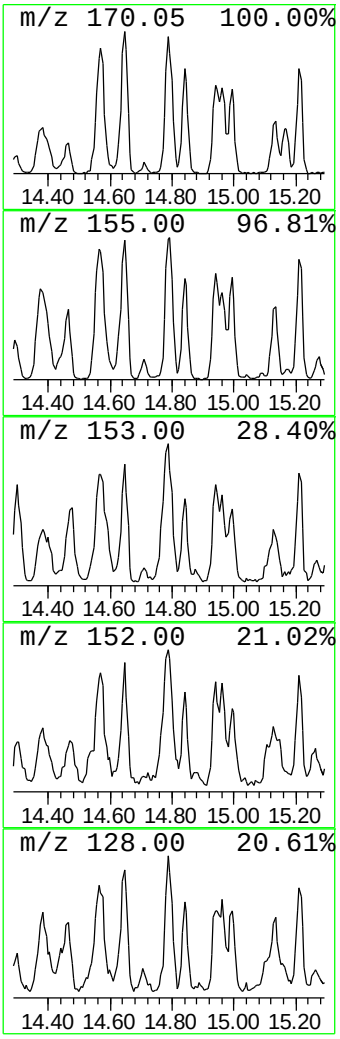
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	6.29 ng/ul	619477	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





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Misc :
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Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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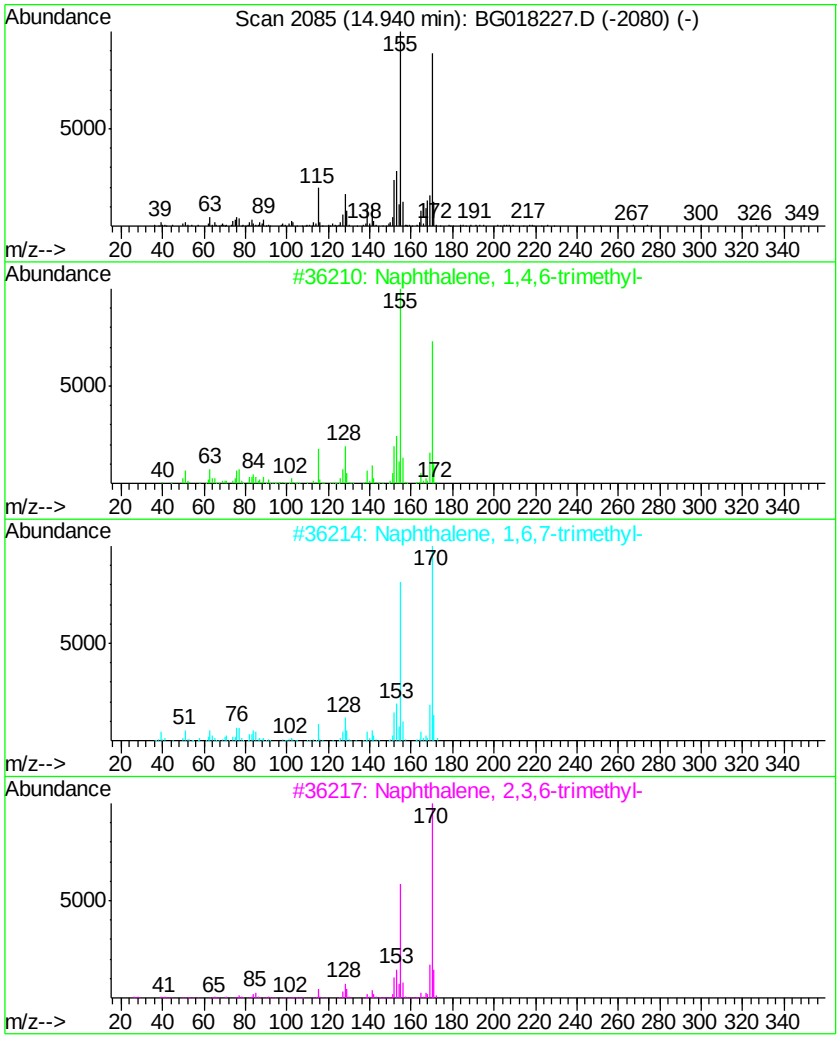
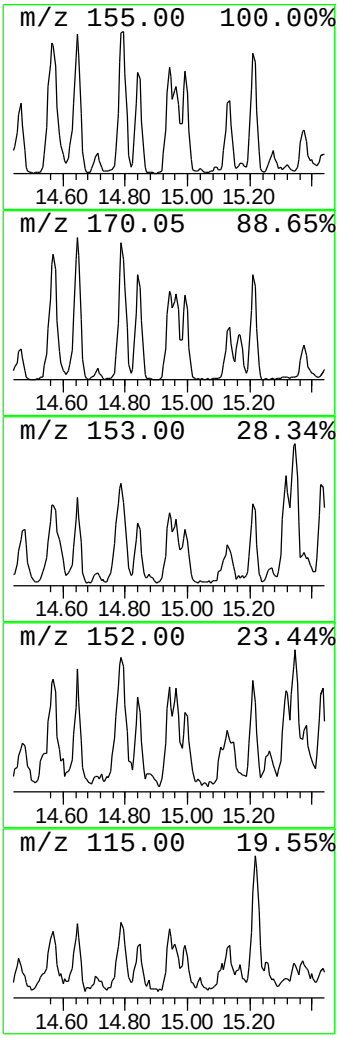
Peak Number 9 Naphthalene, 1,4,5-trimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	3.41 ng/ul	335542	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95





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Misc :
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Instrument : BNA_G
ClientSampleId : C02G6RE

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Quant Title : SVOA CALIBRATION

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

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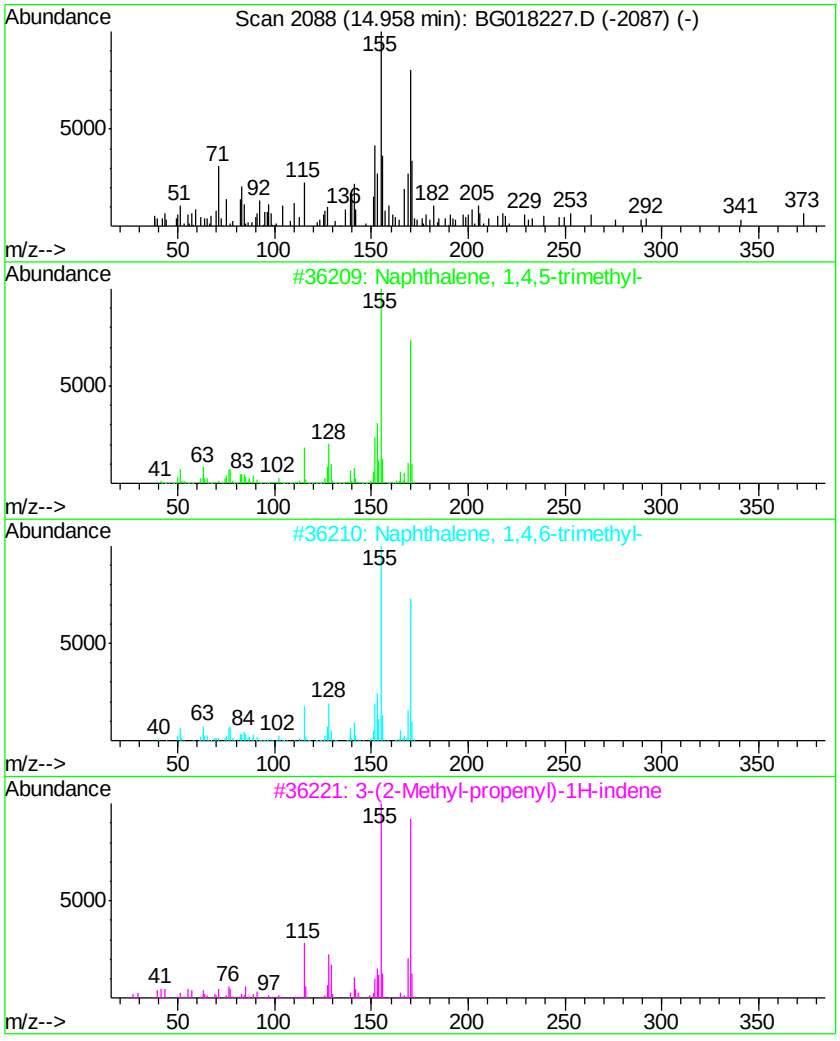
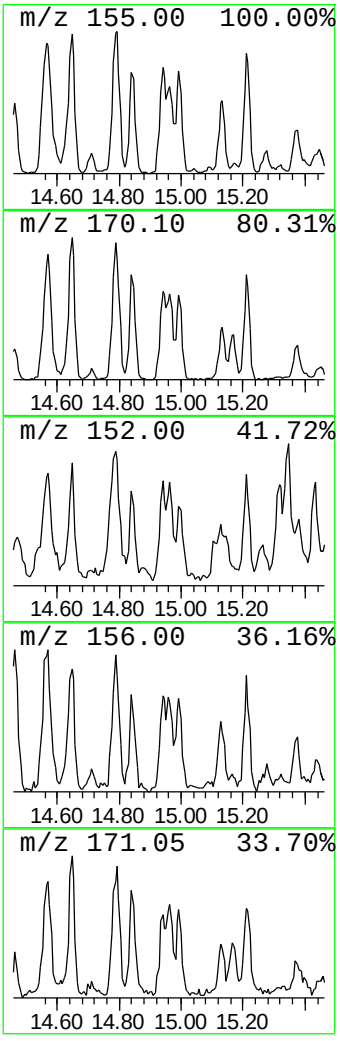
Peak Number 10 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.25 ng/ul	320506	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	49
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49





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Acq On : 2 Aug 2015 15:50
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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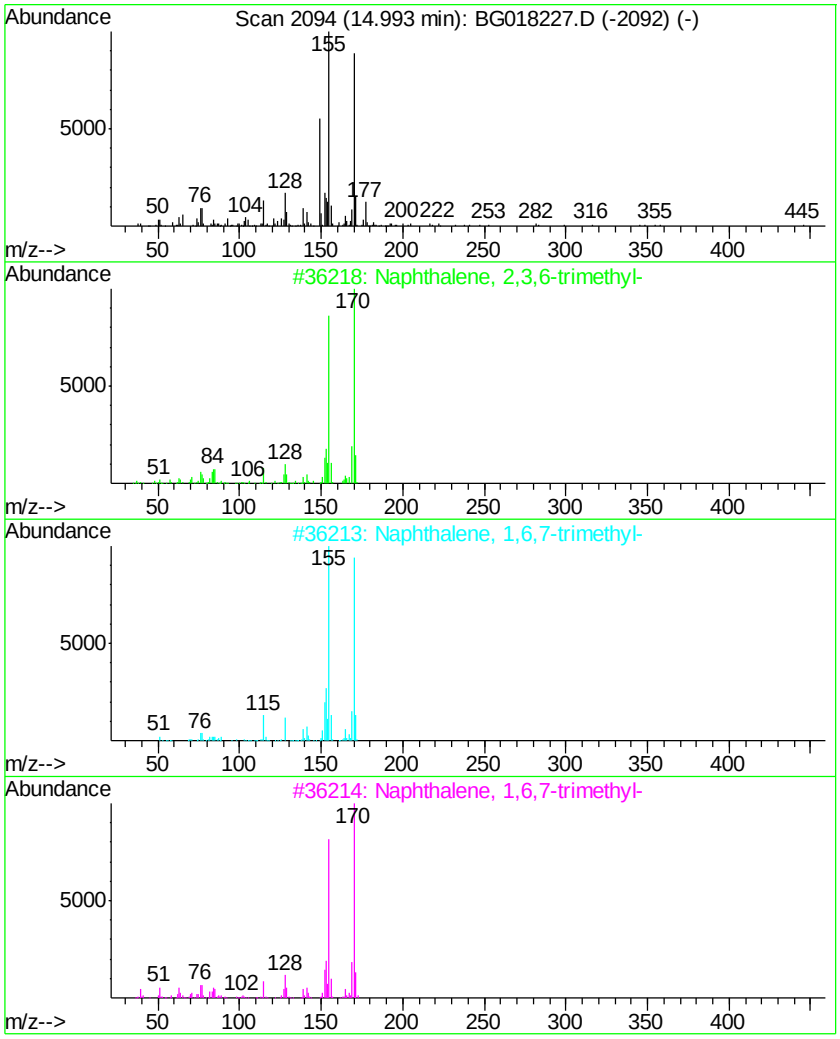
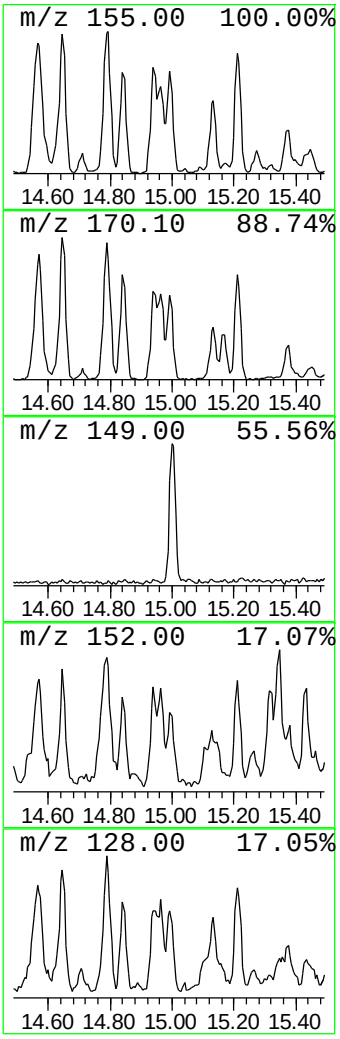
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.21 ng/ul	315929	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

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Quant Title : SVOA CALIBRATION

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

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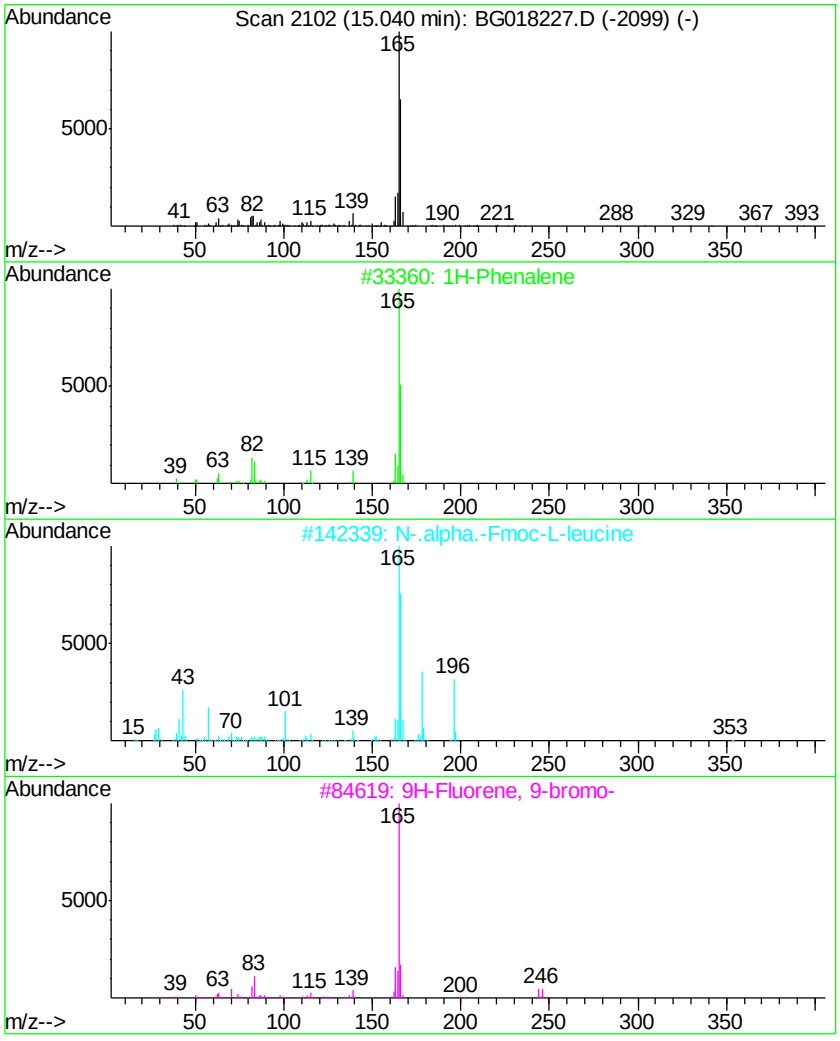
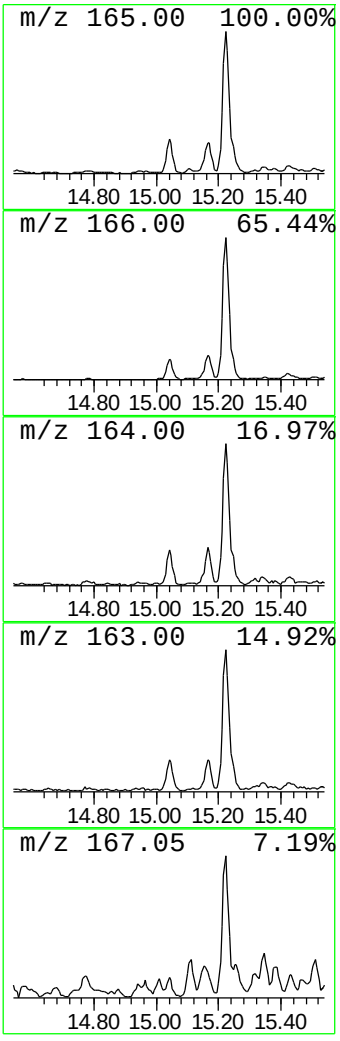
Peak Number 12 1H-Phenalene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.80 ng/ul	275760	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	N-.alpha.-Fmoc-L-leucine	353	C21H23NO4	035661-60-0	72
3	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	59
4	9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	59
5	Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	59





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Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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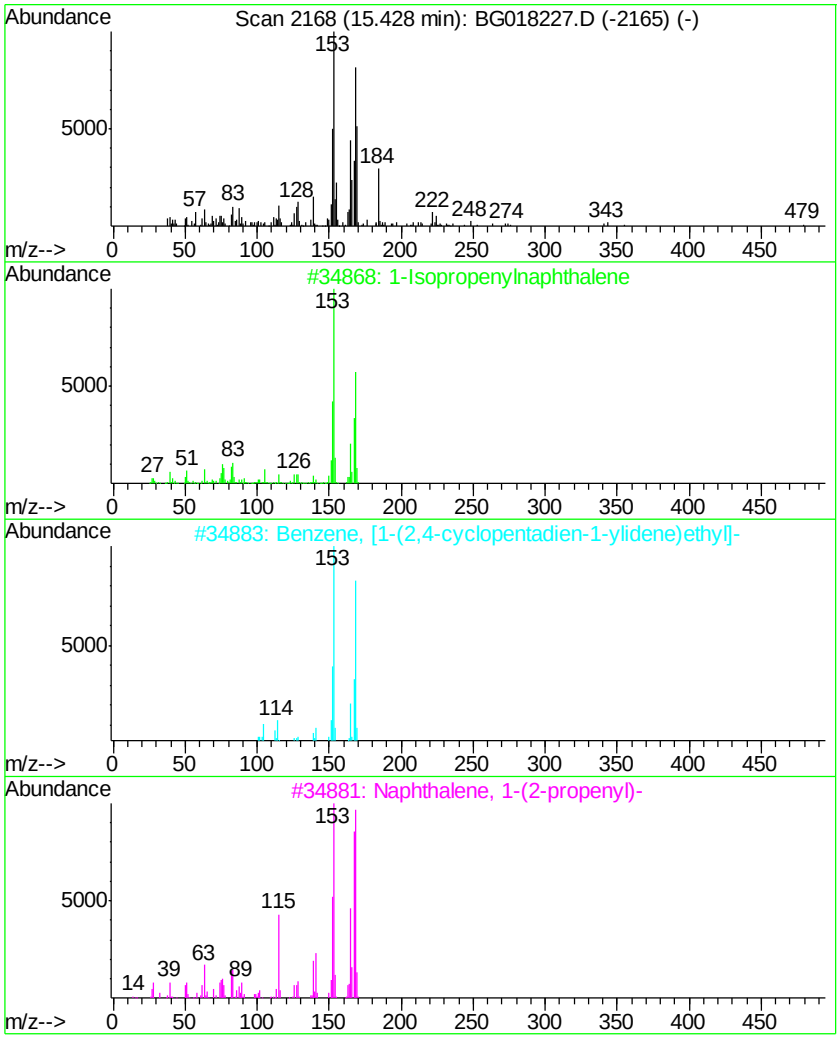
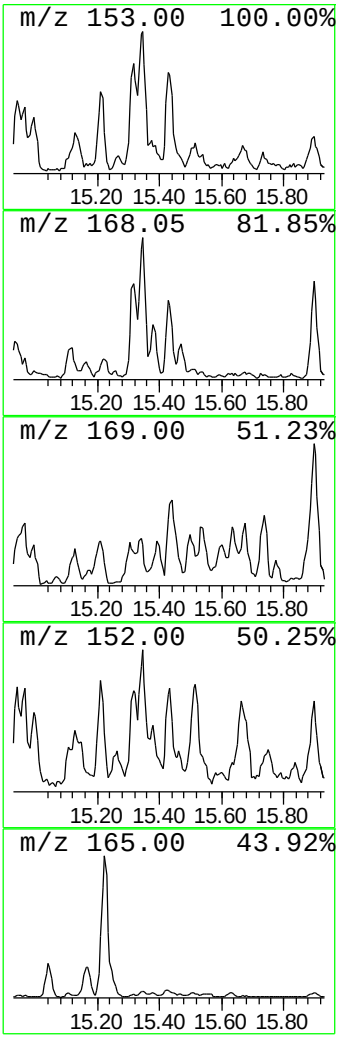
Peak Number 13 1-Isopropenylnaphthalene Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	3.07 ng/ul	302244	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	60
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	43
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	43
4	1,1,4,4-Tetramethyl-1,4-disilacy...	168	C8H16Si2	020627-53-6	38
5	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	38





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Instrument : BNA_G
ClientSampleId : C02G6RE

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Quant Title : SVOA CALIBRATION

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

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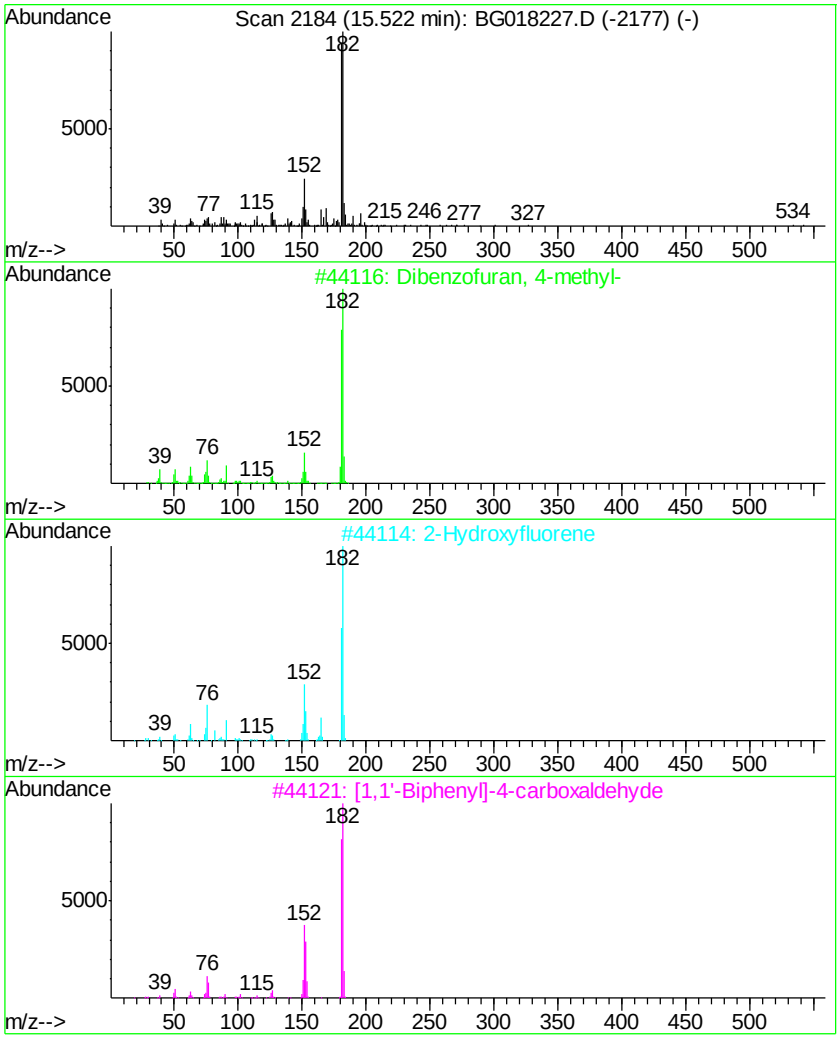
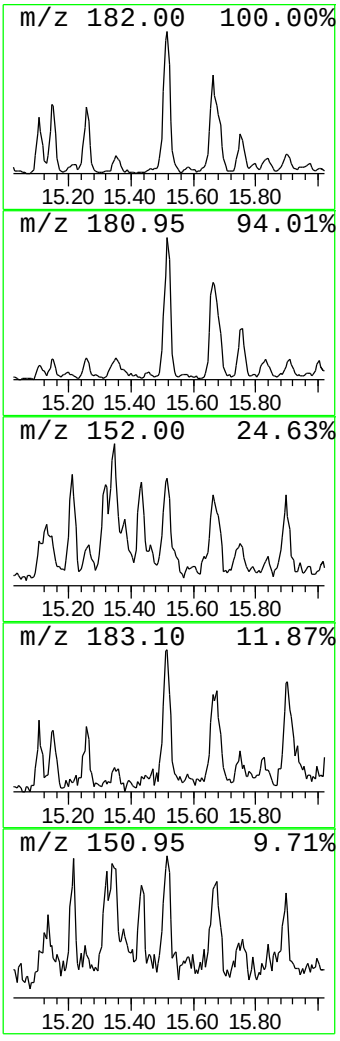
Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.56 ng/ul	350963	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	62
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
5	2-Fluorenamine	181	C13H11N	000153-78-6	55





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Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId : C02G6RE

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Quant Title : SVOA CALIBRATION

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

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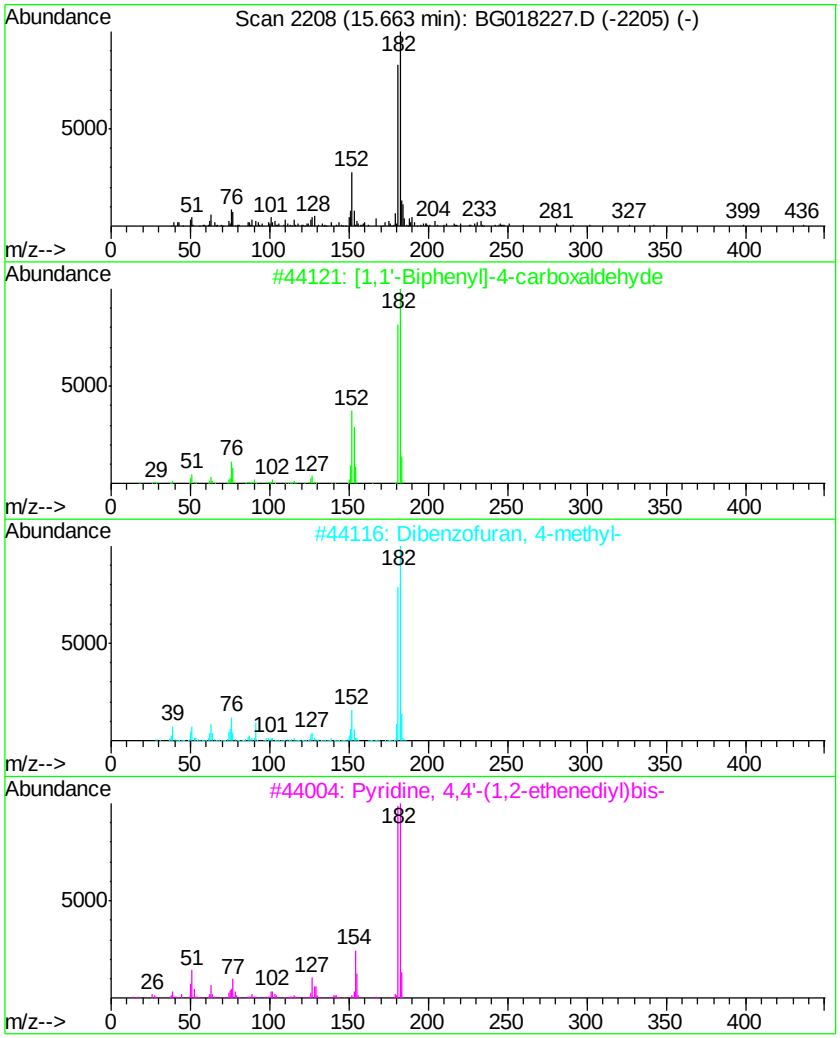
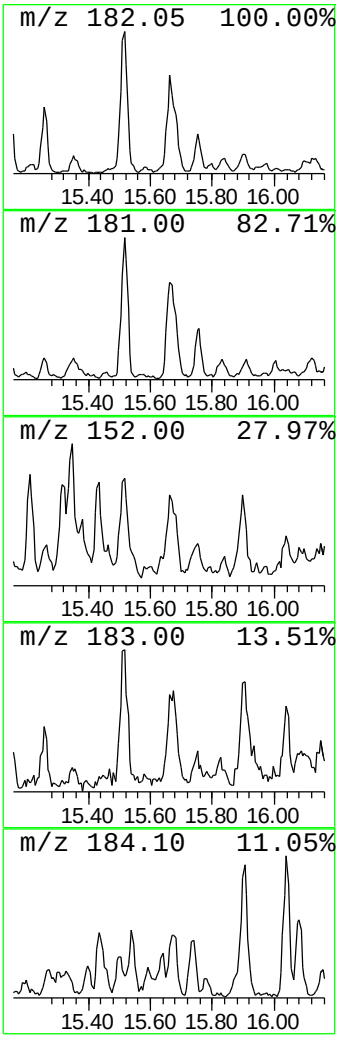
Peak Number 15 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	4.12 ng/ul	282434	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
4	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64





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Quant Title : SVOA CALIBRATION

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

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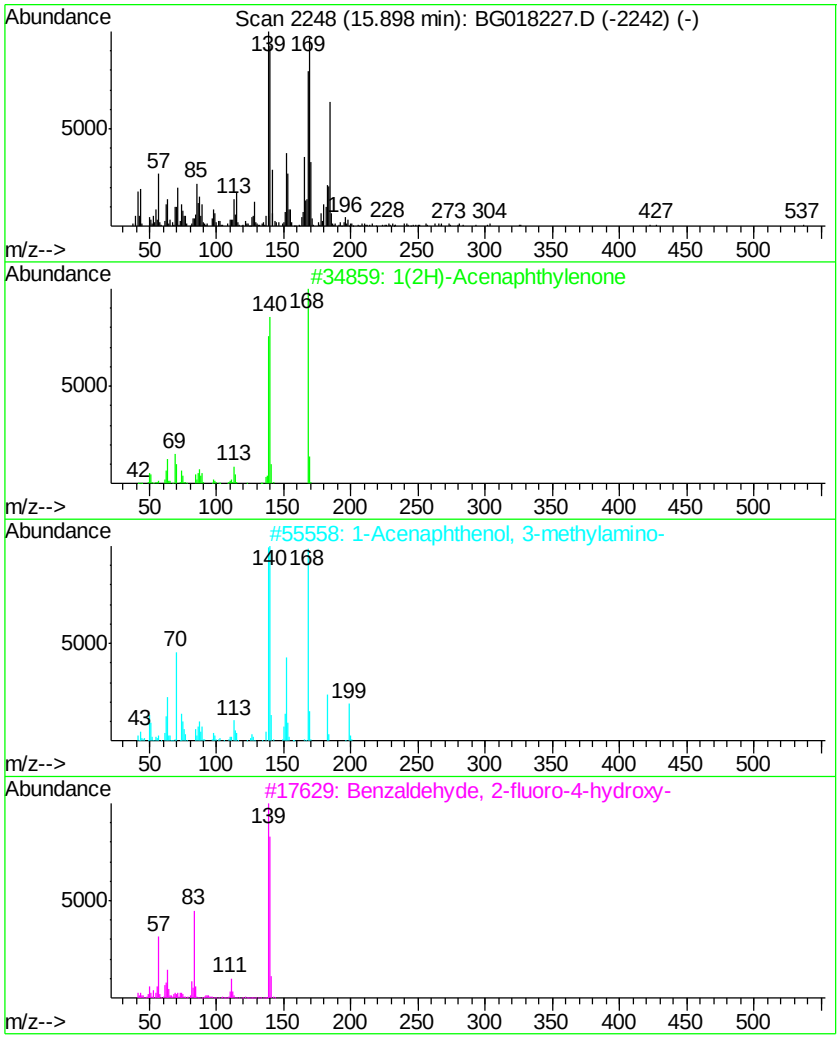
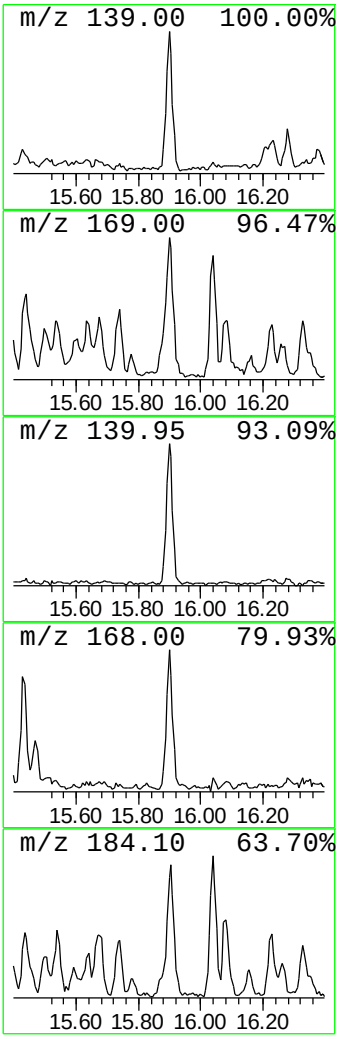
Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	7.54 ng/ul	516232	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
2	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	50
3	Benzaldehyde, 2-fluoro-4-hydroxy-	140	C7H5FO2	000348-27-6	30
4	Benzene, 2,4-pentadiynyl-	140	C11H8	041268-41-1	30
5	Dibenzofuran	168	C12H8O	000132-64-9	30





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Quant Title : SVOA CALIBRATION

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

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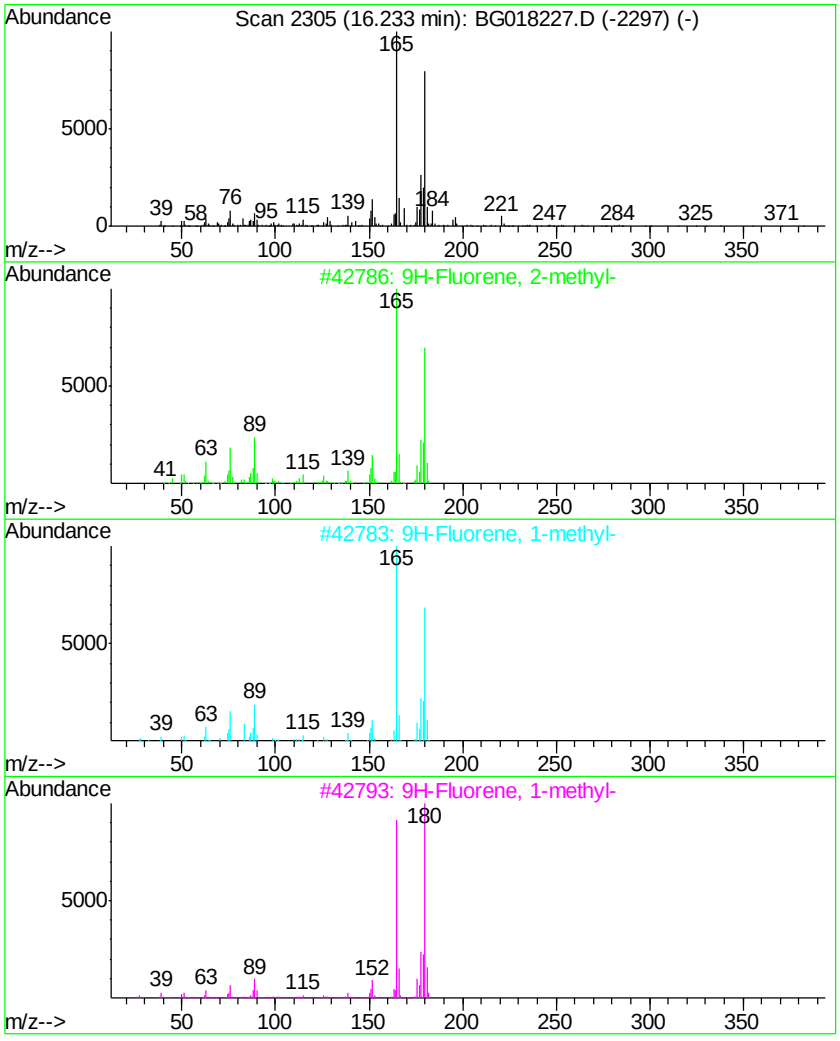
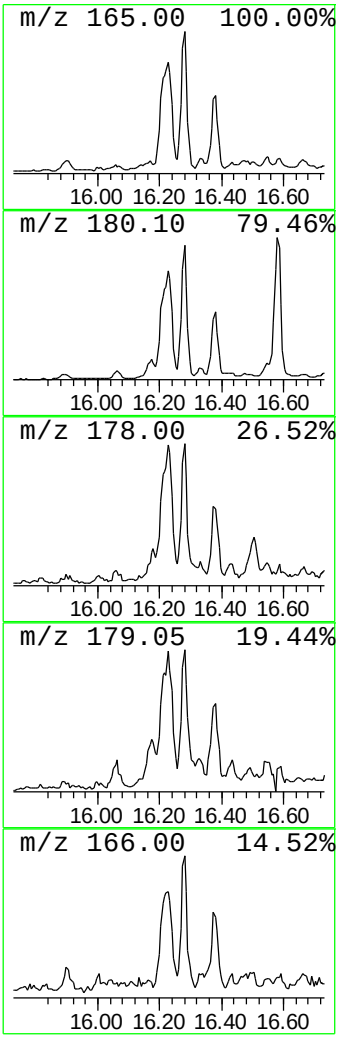
Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	12.37 ng/ul	847310	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86





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Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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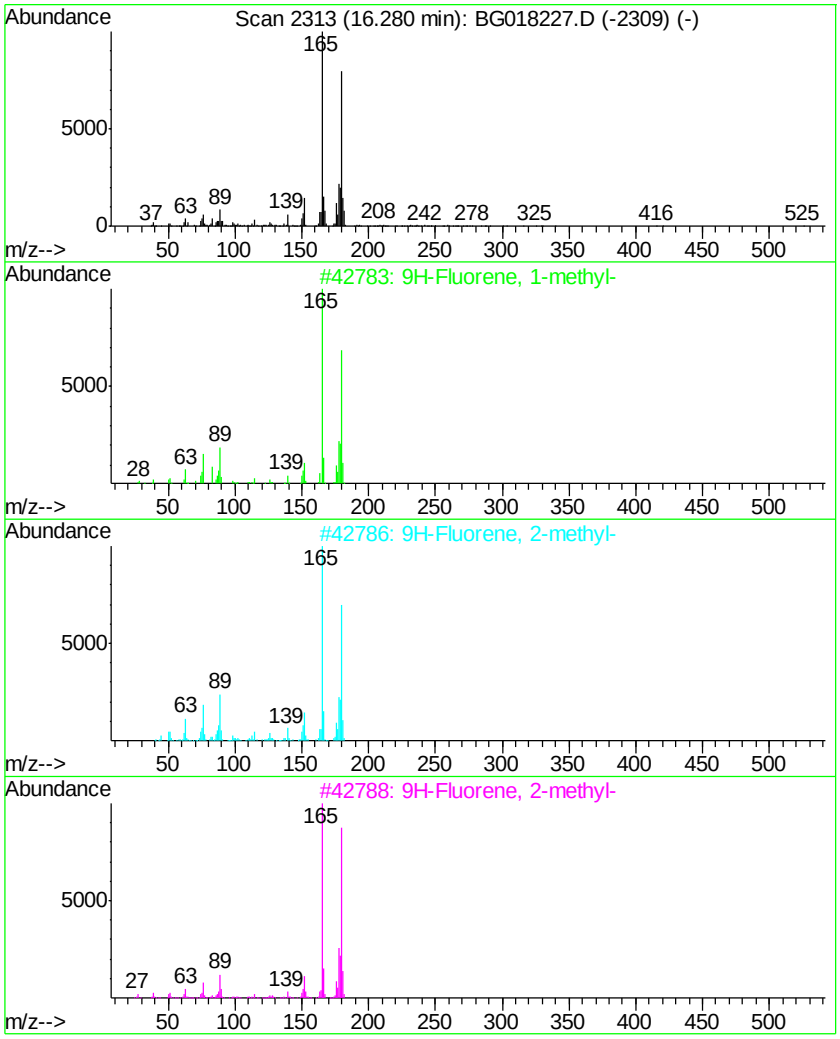
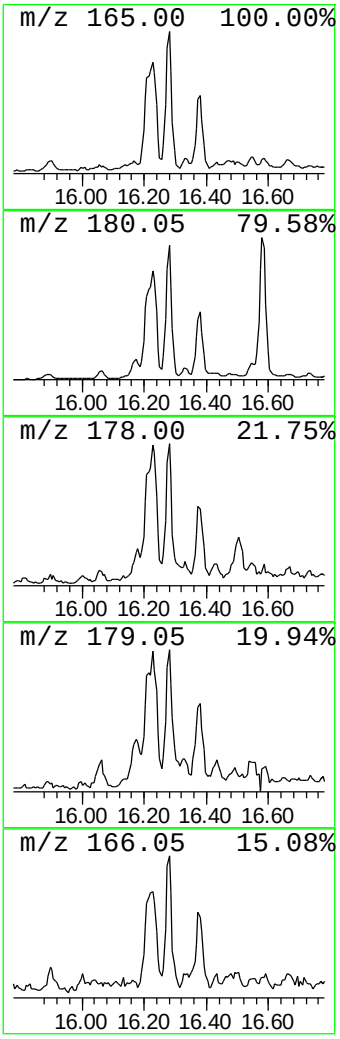
Peak Number 18 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	9.12 ng/ul	624577	Phenanthrene-d10	16.93

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, 9-methyl-	180	C14H12	002523-37-7	93
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91





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Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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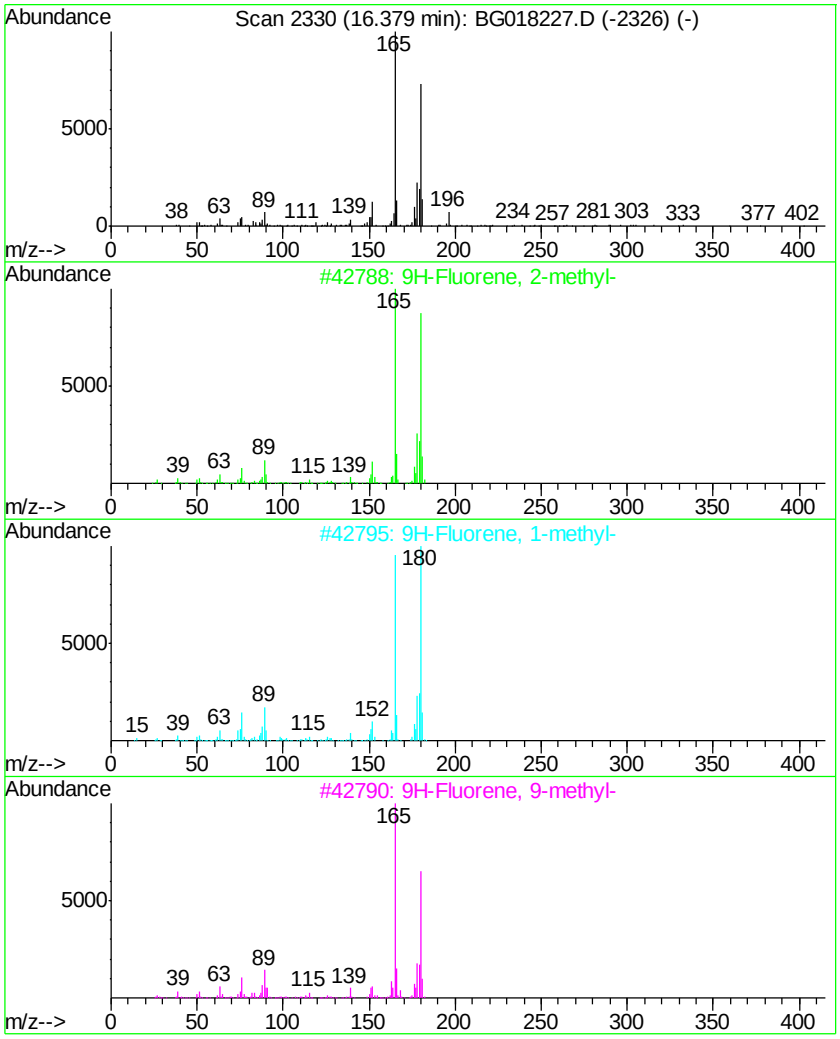
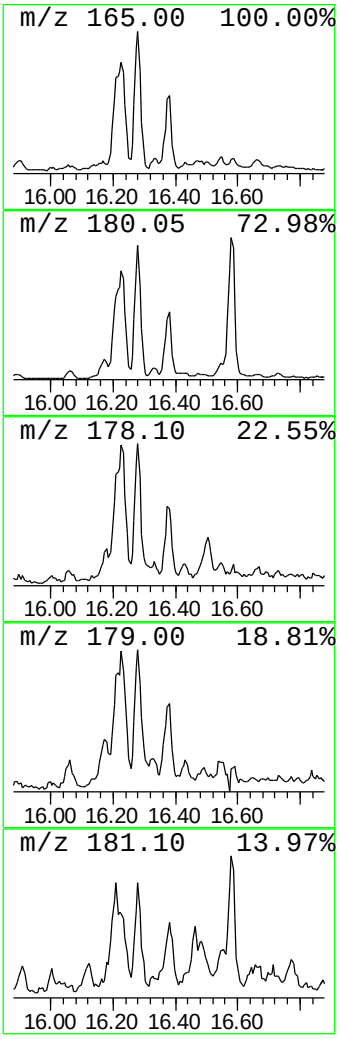
Peak Number 19 9H-Fluorene, 9-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	5.07 ng/ul	346975	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81





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Instrument : BNA_G
ClientSampleId : C02G6RE

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Quant Title : SVOA CALIBRATION

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

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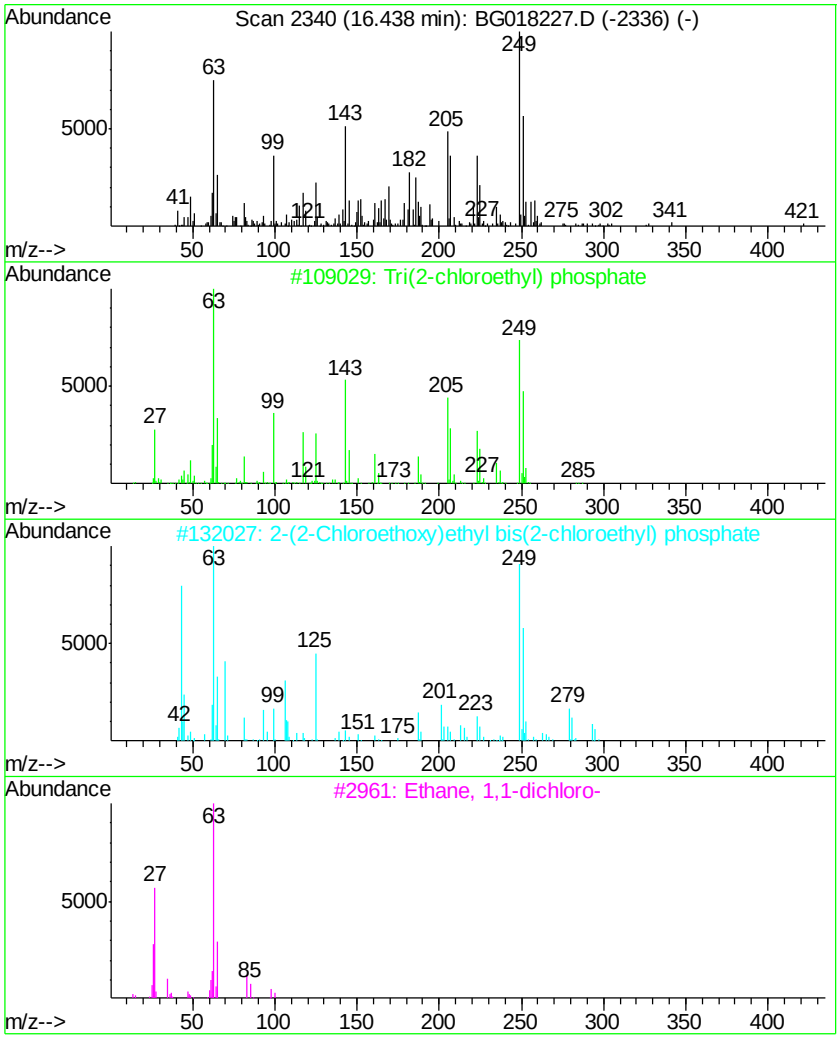
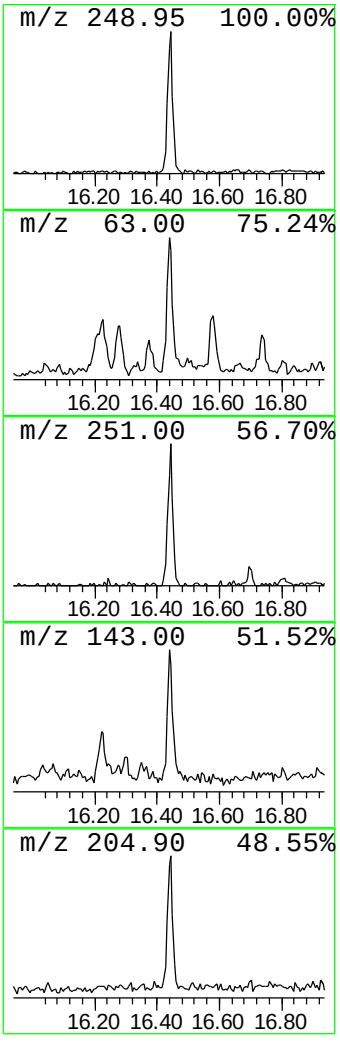
Peak Number 20 Tri(2-chloroethyl) phosphate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.39 ng/ul	505794	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	72
2	2-(2-Chloroethoxy)ethyl bis(2-ch...	328	C8H16Cl3O5P	137888-36-9	37
3	Ethane, 1,1-dichloro-	98	C2H4Cl2	000075-34-3	30
4	Disulfane, 1-(1,2,2-trichloroeth...	256	C4H4Cl4S2	1000273-58-5	27
5	3,4-Difluoronitrobenzene	159	C6H3F2NO2	000369-34-6	27





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ClientSampleId : C02G6RE

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Quant Title : SVOA CALIBRATION

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

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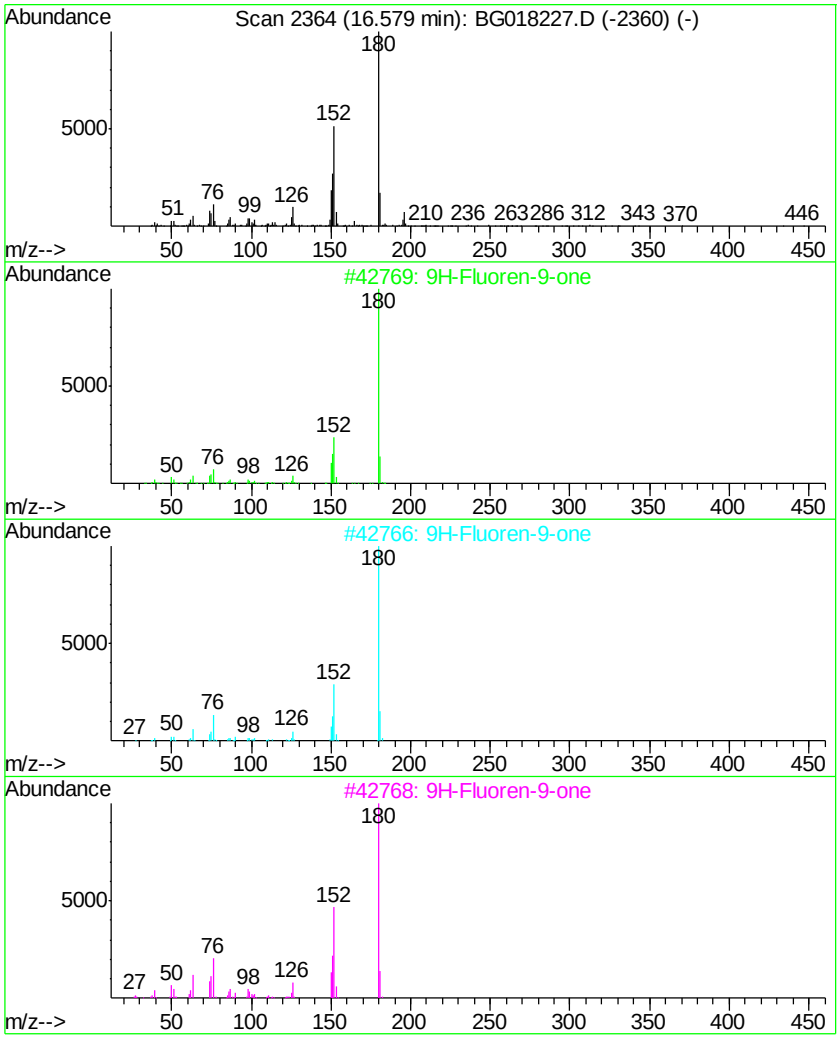
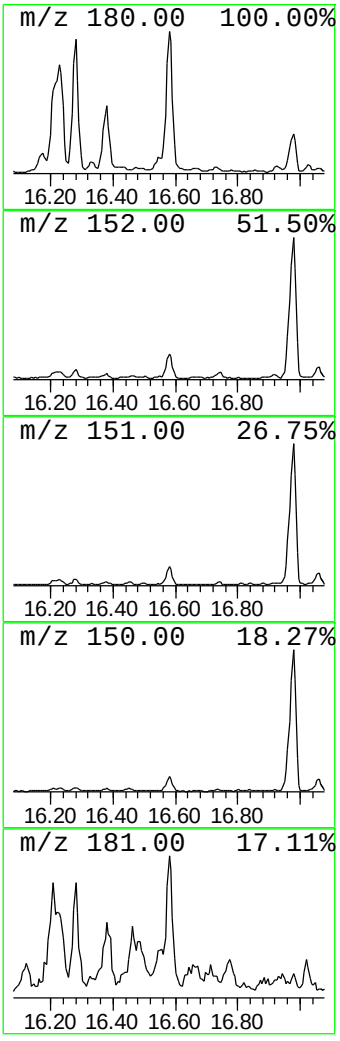
Peak Number 21 9H-Fluoren-9-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	7.25 ng/ul	496630	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78





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Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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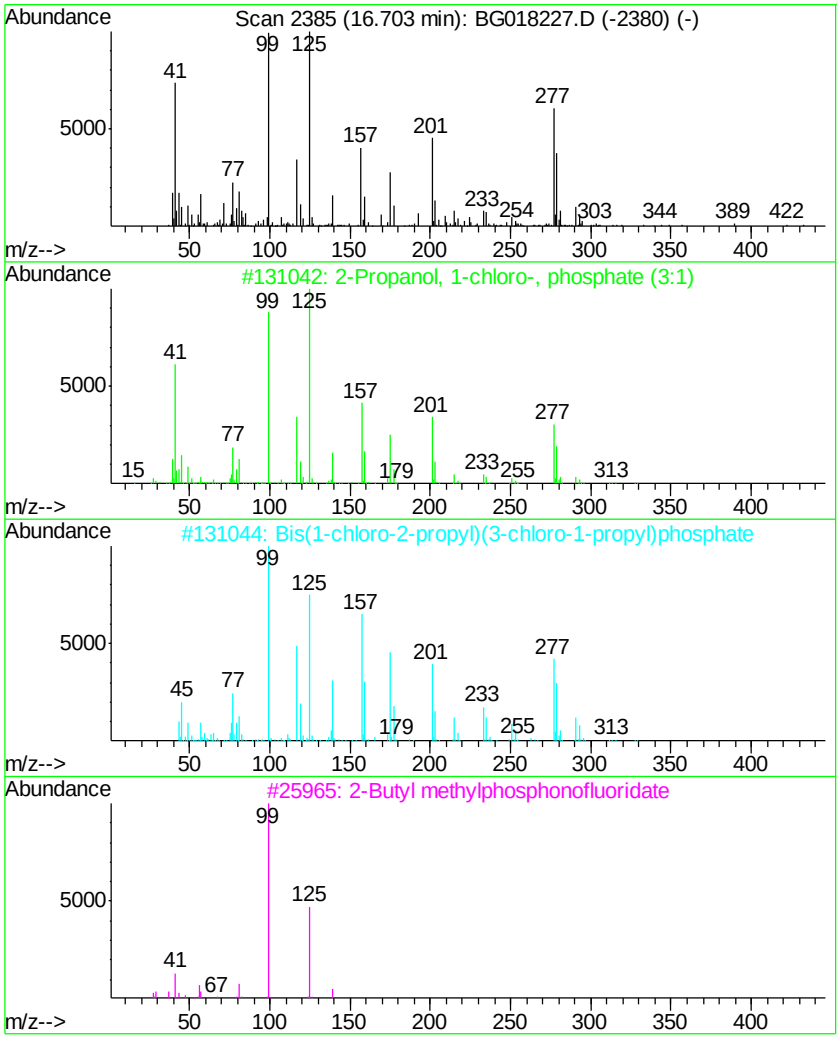
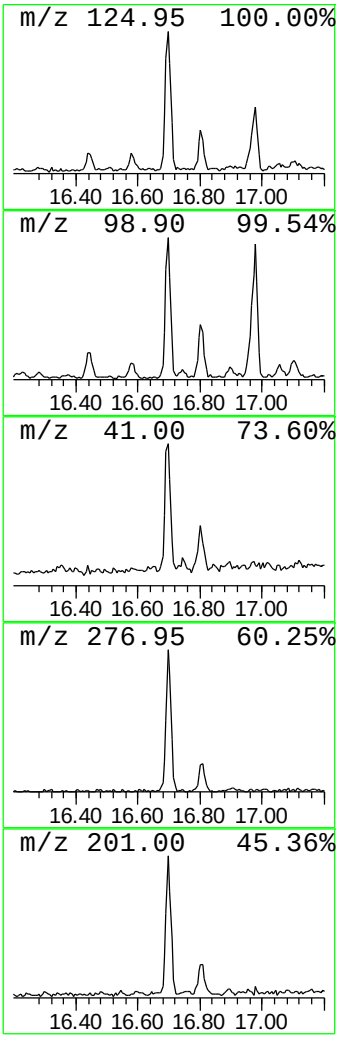
Peak Number 22 2-Propanol, 1-chloro-, phos... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	5.95 ng/ul	407203	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	87
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	38
3	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	35
4	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	25
5	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	22





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ClientSampleId : C02G6RE

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Quant Title : SVOA CALIBRATION

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

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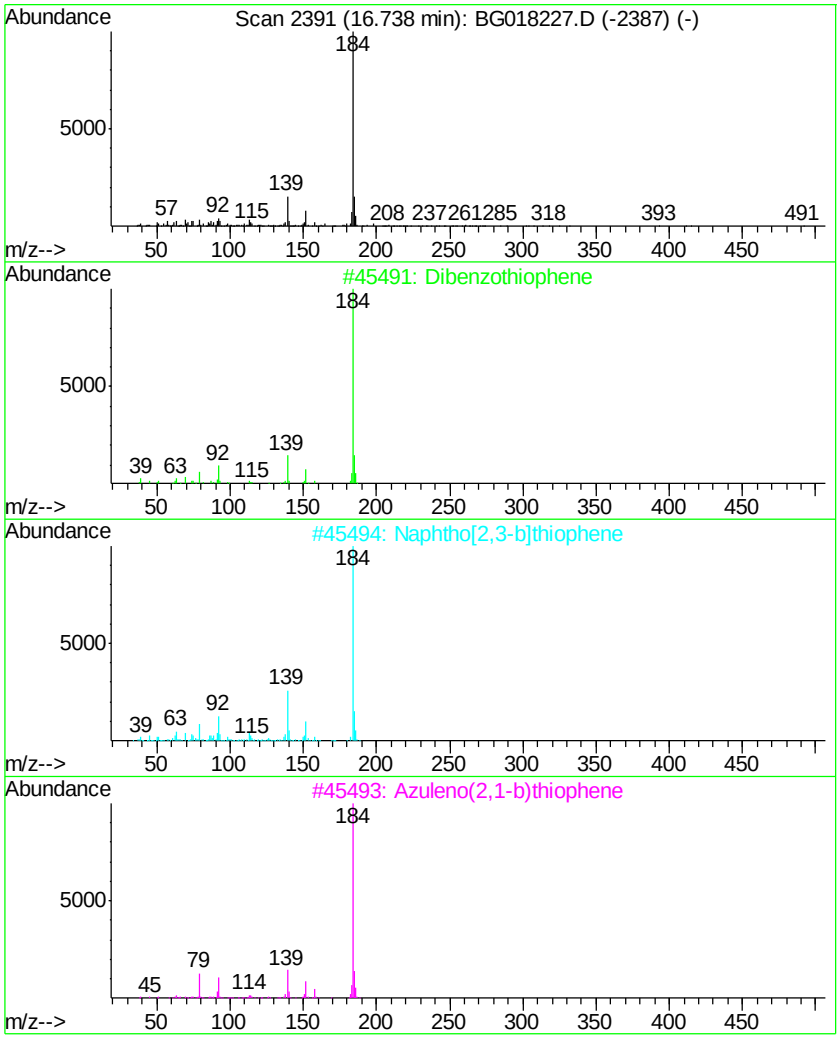
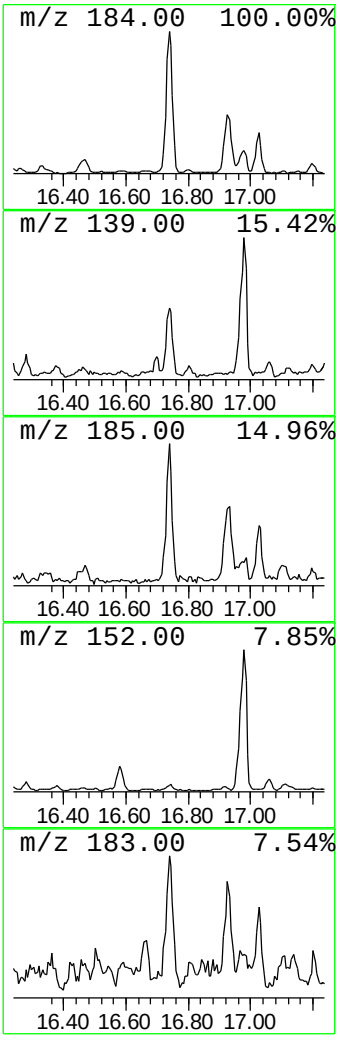
Peak Number 23 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	7.37 ng/ul	504391	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Instrument : BNA_G
ClientSampleId : C02G6RE

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Quant Title : SVOA CALIBRATION

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

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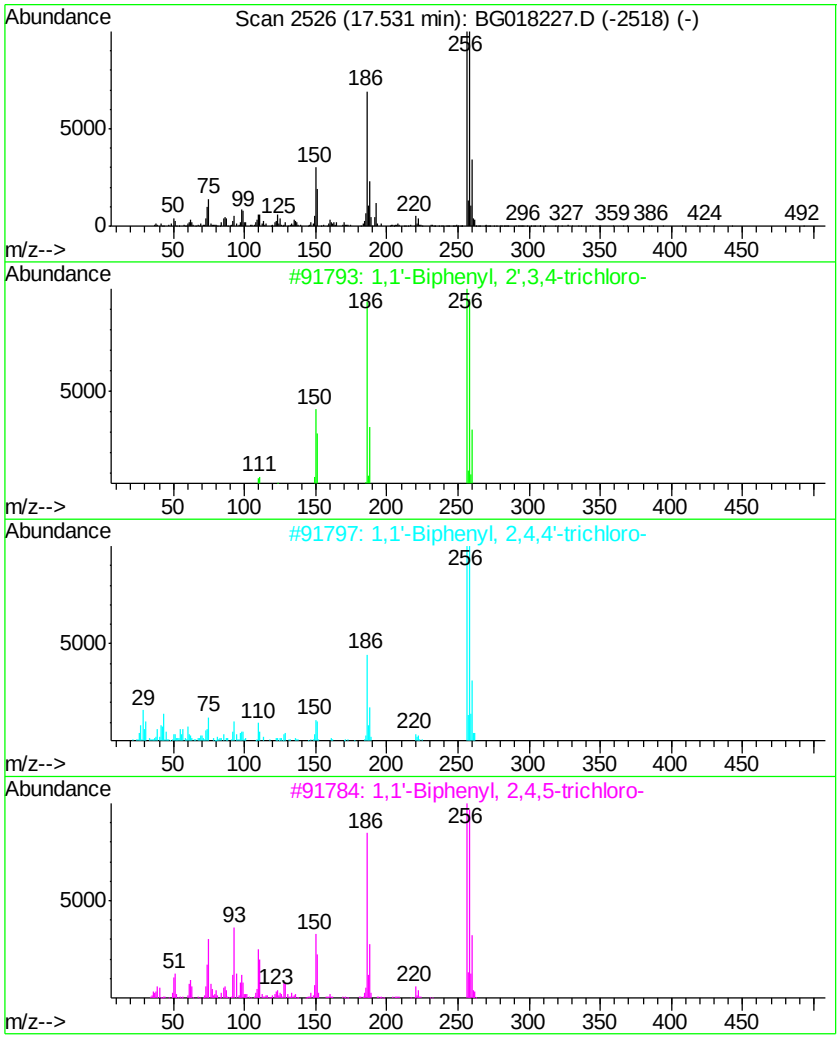
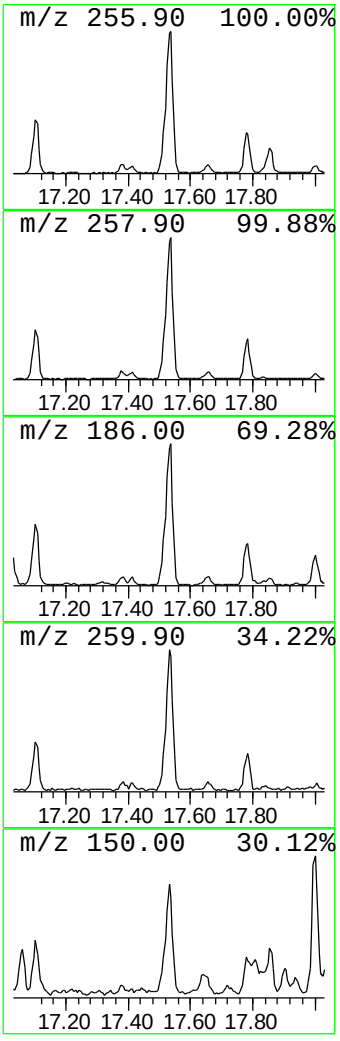
Peak Number 24 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	23.71 ng/ul	1623510	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	95
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
5	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	94





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

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Quant Title : SVOA CALIBRATION

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

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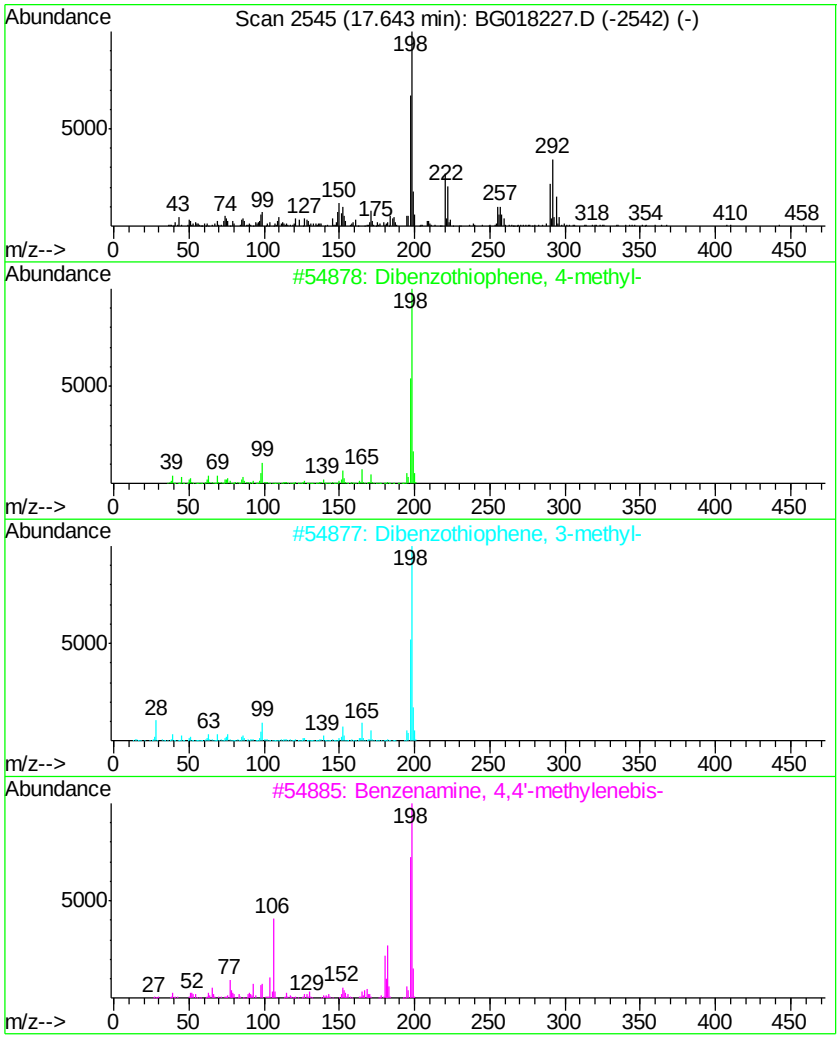
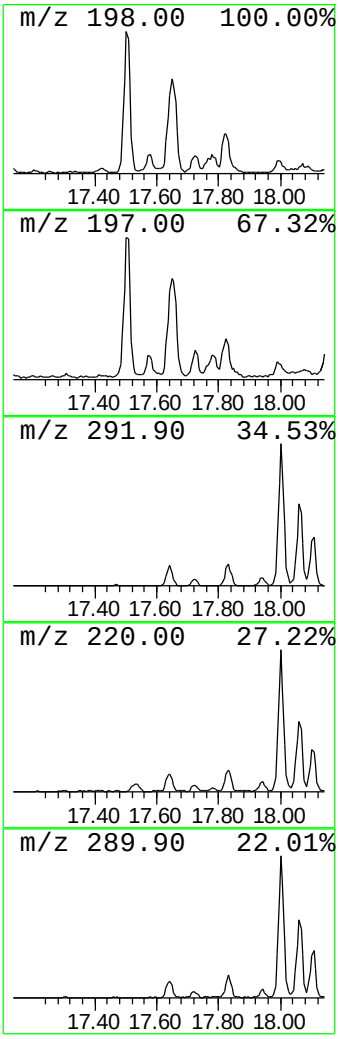
Peak Number 25 Dibenzothiophene, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	6.87 ng/ul	470643	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	50
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	50
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	50
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	43
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	38





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Quant Title : SVOA CALIBRATION

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

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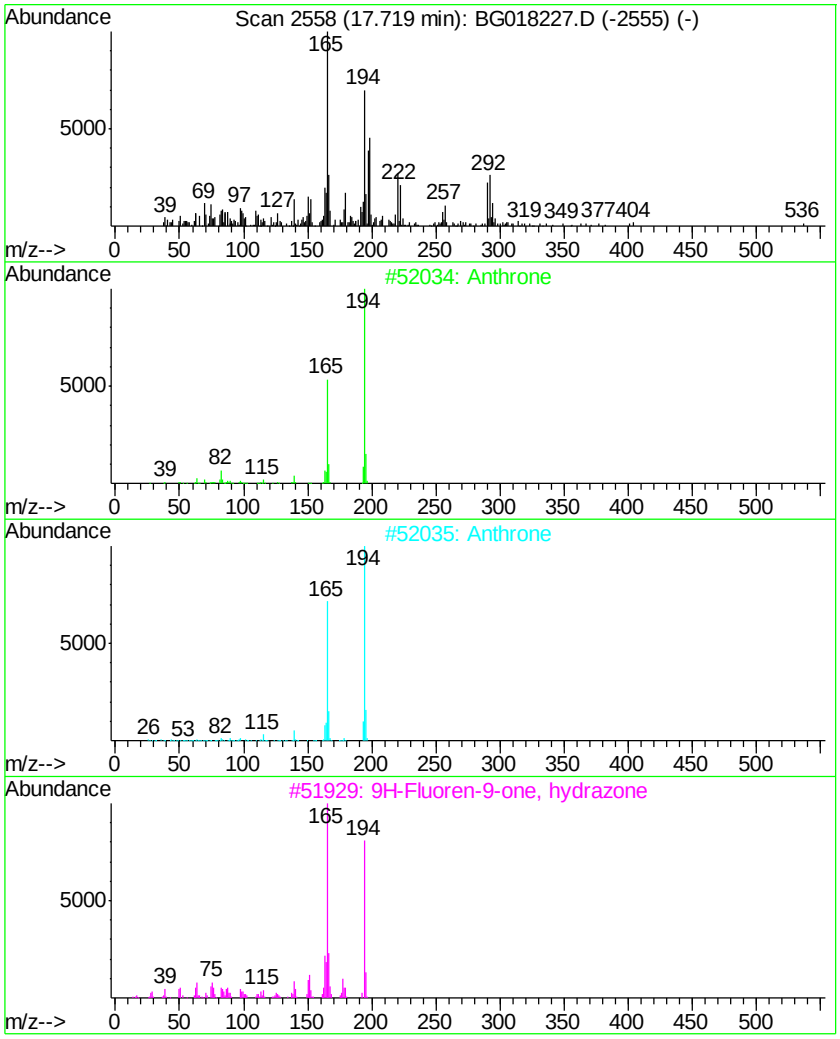
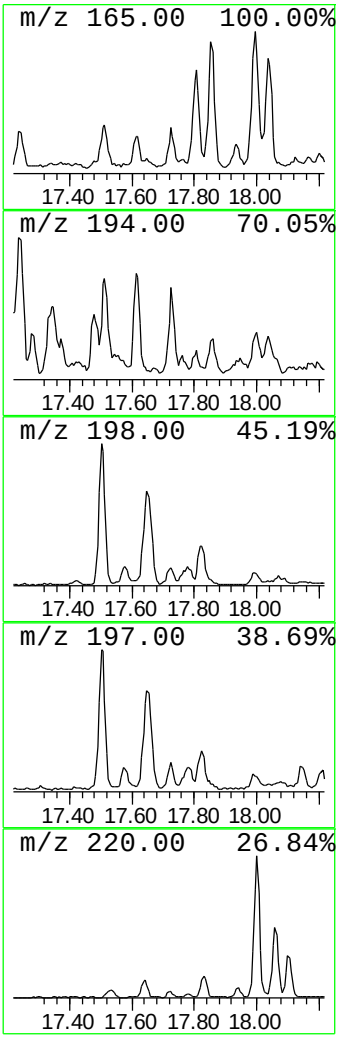
Peak Number 26 Anthrone Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	3.61 ng/ul	247377	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	64
2	Anthrone	194	C14H10O	000090-44-8	58
3	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	58
4	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	58
5	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	52





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Misc :
ALS Vial : 26 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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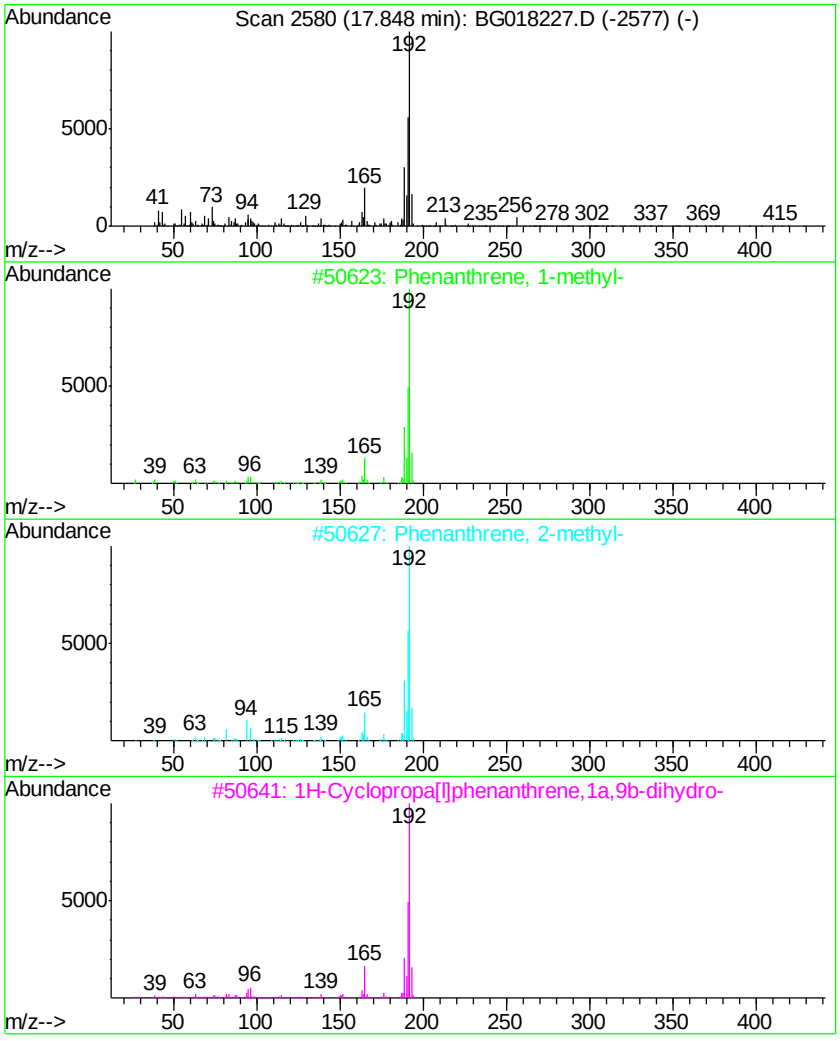
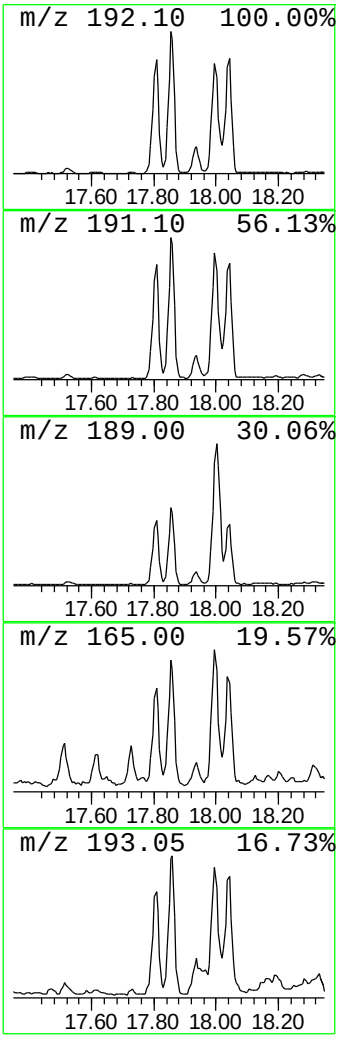
Peak Number 28 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	41.42 ng/ul	2836160	Phenanthrene-d10	16.93

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Misc :
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Quant Title : SVOA CALIBRATION

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

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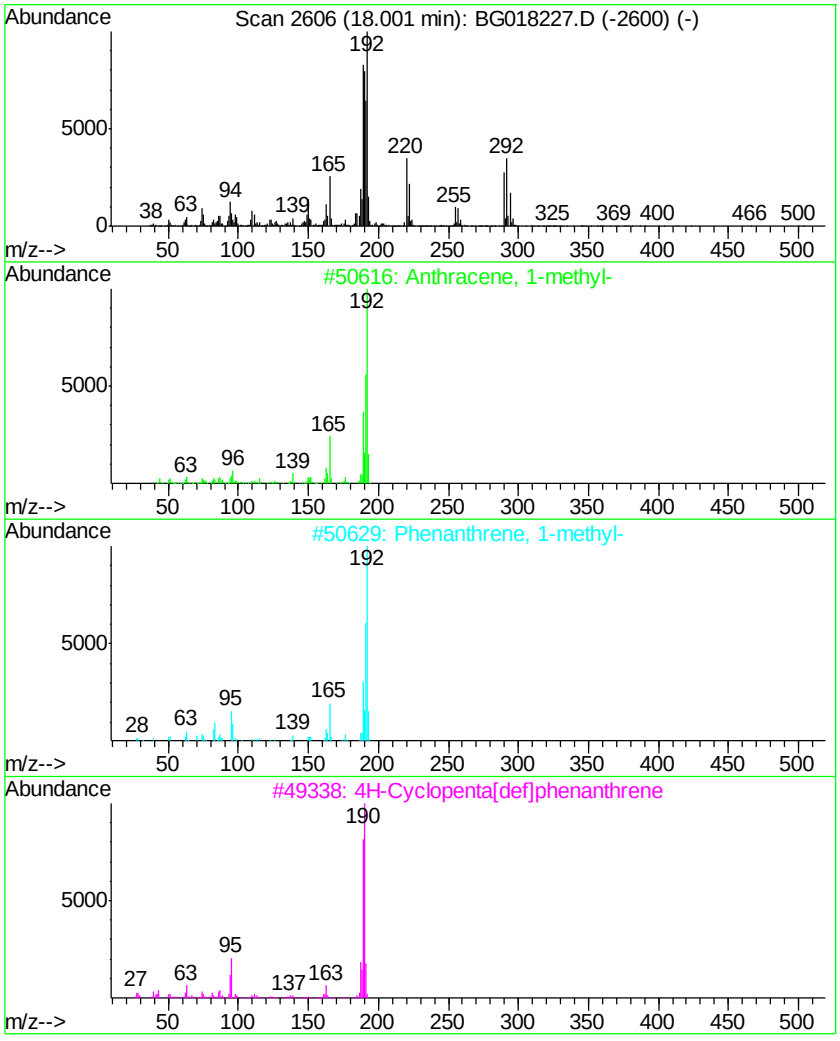
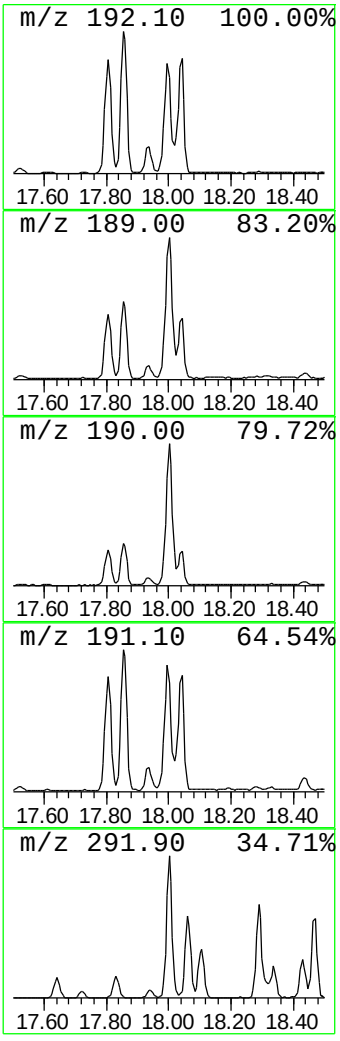
Peak Number 29 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	60.39 ng/ul	4135400	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	47
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38





Library Search Compound Report

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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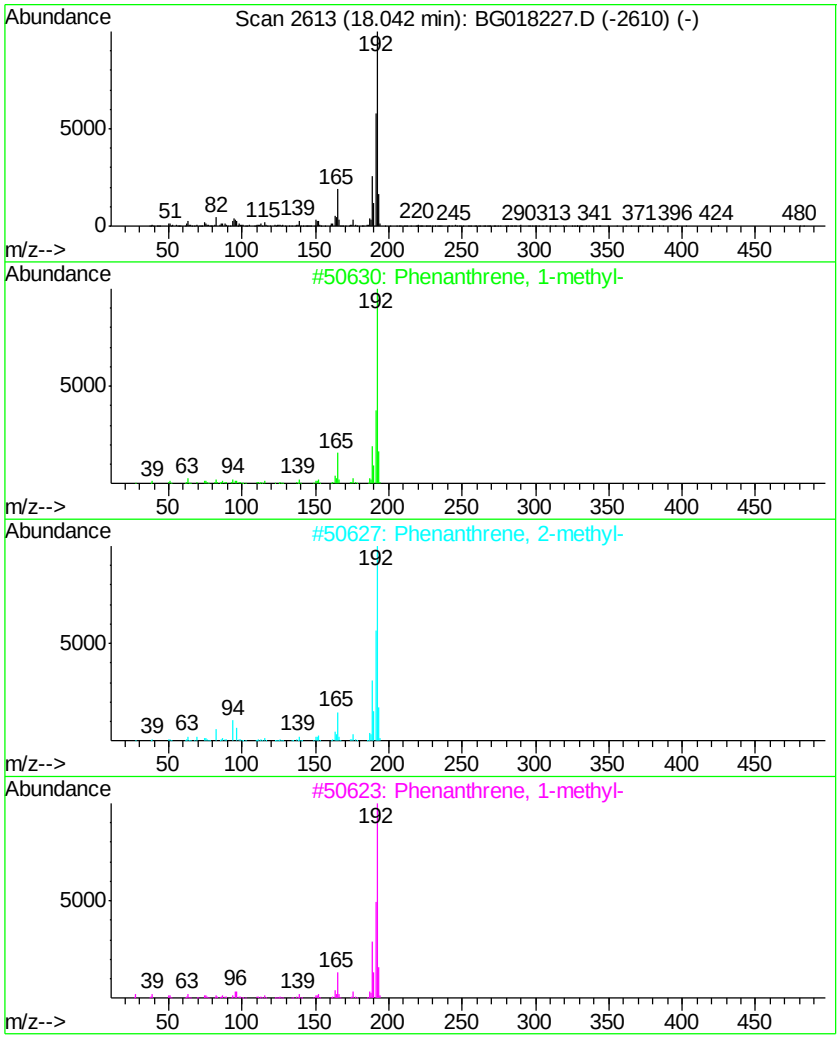
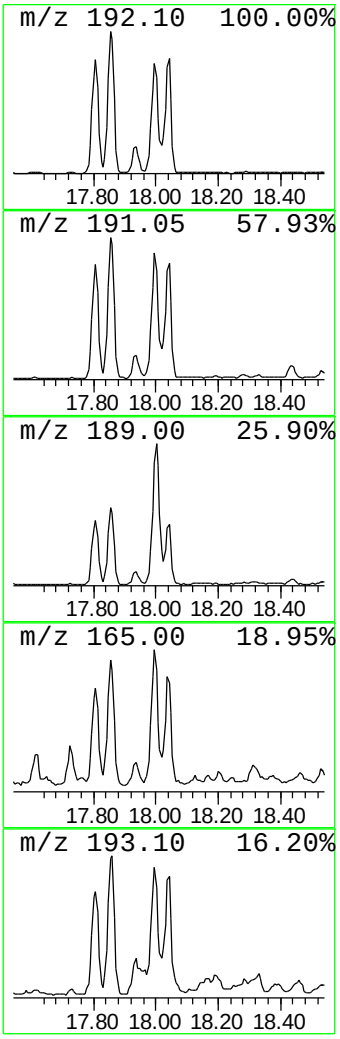
Peak Number 30 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	31.77 ng/ul	2175750	Phenanthrene-d10	16.93

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018227.D
Acq On : 2 Aug 2015 15:50
Operator : TP
Sample : G3065-21RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-et...	13.18	3.8	ng/ul	373525	3	14.16	1969860	20.0
Naphthalene, 2,7-...	13.32	7.3	ng/ul	716300	3	14.16	1969860	20.0
Naphthalene, 2,3-...	13.48	23.0	ng/ul	2261490	3	14.16	1969860	20.0
Naphthalene, 1,3-...	13.72	11.0	ng/ul	1085260	3	14.16	1969860	20.0
Naphthalene, 1,8-...	13.75	3.0	ng/ul	294654	3	14.16	1969860	20.0
Naphthalene, 1,4,...	14.65	4.2	ng/ul	413130	3	14.16	1969860	20.0
Naphthalene, 1,6,...	14.79	6.3	ng/ul	619477	3	14.16	1969860	20.0
Naphthalene, 1,4,...	14.94	3.4	ng/ul	335542	3	14.16	1969860	20.0
unknown-01	14.96	3.3	ng/ul	320506	3	14.16	1969860	20.0
Naphthalene, 2,3,...	14.99	3.2	ng/ul	315929	3	14.16	1969860	20.0
1H-Phenalene	15.04	2.8	ng/ul	275760	3	14.16	1969860	20.0
1-Isopropenylnaph...	15.43	3.1	ng/ul	302244	3	14.16	1969860	20.0
Dibenzofuran, 4-m...	15.52	3.6	ng/ul	350963	3	14.16	1969860	20.0
[1,1'-Biphenyl]-4...	15.66	4.1	ng/ul	282434	4	16.93	1369520	20.0
1(2H)-Acenaphthyl...	15.90	7.5	ng/ul	516232	4	16.93	1369520	20.0
9H-Fluorene, 2-me...	16.23	12.4	ng/ul	847310	4	16.93	1369520	20.0
9H-Fluorene, 1-me...	16.28	9.1	ng/ul	624577	4	16.93	1369520	20.0
9H-Fluorene, 9-me...	16.38	5.1	ng/ul	346975	4	16.93	1369520	20.0
Tri(2-chloroethyl...	16.44	7.4	ng/ul	505794	4	16.93	1369520	20.0
9H-Fluoren-9-one	16.58	7.3	ng/ul	496630	4	16.93	1369520	20.0
2-Propanol, 1-chl...	16.70	6.0	ng/ul	407203	4	16.93	1369520	20.0
Dibenzothiophene	16.74	7.4	ng/ul	504391	4	16.93	1369520	20.0
1,1'-Biphenyl, 2'...	17.53	23.7	ng/ul	1623510	4	16.93	1369520	20.0
Dibenzothiophene,...	17.64	6.9	ng/ul	470643	4	16.93	1369520	20.0
Anthrone	17.72	3.6	ng/ul	247377	4	16.93	1369520	20.0
Phenanthrene, 2-m...	17.85	41.4	ng/ul	2836160	4	16.93	1369520	20.0
Anthracene, 1-met...	18.00	60.4	ng/ul	4135400	4	16.93	1369520	20.0
Phenanthrene, 1-m...	18.04	31.8	ng/ul	2175750	4	16.93	1369520	20.0