LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018206.D
Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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	6.679	674	679	690	rVB	110411	195636	5.15%	0.315%
2	7.020	731	737	745	rVB	115892	183849	4.84%	0.296%
3	7.484	809	816	823	rVB	272329	420246	11.05%	0.676%
4	8.207	933	939	946	rVV	143199	227555	5.99%	0.366%
5	8.636	1007	1012	1020	rVV	113508	188579	4.96%	0.303%
6	9.359	1127	1135	1142	rBV	96586	169910	4.47%	0.273%
7	9.899	1222	1227	1236	rVB	168636	284882	7.49%	0.458%
8	10.269	1283	1290	1294	rVV	386538	696999	18.33%	1.121%
9	10.316	1294	1298	1306	rVV	769820	1215300	31.97%	1.955%
10	11.950	1569	1576	1583	rVB	961822	1502354	39.52%	2.417%
11	12.173	1602	1614	1625	rVB	967331	1559112	41.01%	2.508%
12	12.984	1744	1752	1757	rBV	199136	302293	7.95%	0.486%
13	13.178	1779	1785	1788	rBV2	125132	203215	5.35%	0.327%
14	13.331	1800	1811	1818	rBV3	274078	715058	18.81%	1.150%
15	13.477	1828	1836	1841	rVV	648550	1145135	30.12%	1.842%
16	13.530	1841	1845	1849	rVV	409180	591377	15.56%	0.951%
17	13.577	1849	1853	1856	rVV	251073	366515	9.64%	0.590%
18	13.618	1856	1860	1869	rVB2	190101	323246	8.50%	0.520%
19	13.712	1870	1876	1880	rBV	340498	542447	14.27%	0.873%
20	13.748	1880	1882	1887	rVB	150216	164279	4.32%	0.264%
21	13.848	1891	1899	1901	rBV	291838	420819	11.07%	0.677%
22	13.877	1901	1904	1913	rVB	703400	1050775	27.64%	1.690%
23	14.159	1941	1952	1958	rVV3	542755	1042845	27.43%	1.678%
24	14.224	1958	1963	1966	rVV2	172915	270018	7.10%	0.434%
25	14.400	1983	1993	1997	rBV5	141288	357367	9.40%	0.575%
26	14.459	1999	2003	2009	rVB3	71651	115849	3.05%	0.186%
27	14.564	2009	2021	2028	rBV2	242413	525946	13.83%	0.846%
28	14.641	2029	2034	2039	rVV	151297	216158	5.69%	0.348%
29	14.788	2052	2059	2064	rBV2	171359	327288	8.61%	0.527%
30	14.841	2064	2068	2072	rVB	106277	139673	3.67%	0.225%
31	14.940	2080	2085	2086	rBV	130608	168578	4.43%	0.271%
32	14.987	2091	2093	2098	rVV2	117301	174355	4.59%	0.281%
33	15.034	2098	2101	2106	rVB	111801	149016	3.92%	0.240%
34	15.123	2109	2116	2118	rVV2	79586	172372	4.53%	0.277%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018206.D
Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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	15.164	2118	2123	2127	rVV	430093	661248	17.39%	1.064%
36	15.217	2127	2132	2143	rVV2	589981	1048878	27.59%	1.687%
37	15.340	2150	2153	2156	rVV4	116608	166361	4.38%	0.268%
38	15.369	2156	2158	2163	rVV5	62767	113527	2.99%	0.183%
39	15.428	2164	2168	2176	rVB5	85490	178667	4.70%	0.287%
40	15.510	2176	2182	2194	rBV4	95007	212781	5.60%	0.342%
41	15.663	2204	2208	2216	rVB3	68865	165100	4.34%	0.266%
42	15.898	2242	2248	2257	rVB6	152045	285565	7.51%	0.459%
43	16.221	2295	2303	2308	rBV2	218562	491837	12.94%	0.791%
44	16.274	2308	2312	2318	rVB	243916	325791	8.57%	0.524%
45	16.374	2325	2329	2334	rVB3	129086	212567	5.59%	0.342%
46	16.439	2334	2340	2347	rBV9	111763	318632	8.38%	0.513%
47	16.574	2359	2363	2370	rVB	195390	276738	7.28%	0.445%
48	16.691	2379	2383	2386	rVV	168543	225282	5.93%	0.362%
49	16.732	2386	2390	2395	rVV	187673	270324	7.11%	0.435%
50	16.920	2417	2422	2425	rBV	513208	778128	20.47%	1.252%
51	16.967	2425	2430	2434	rVV	2813667	3801732	100.00%	6.116%
52	17.014	2434	2438	2441	rVV2	327188	459320	12.08%	0.739%
53	17.050	2441	2444	2448	rVV	255028	329672	8.67%	0.530%
54	17.103	2448	2453	2460	rVV4	244530	459304	12.08%	0.739%
55	17.191	2466	2468	2472	rVV4	73240	121861	3.21%	0.196%
56	17.232	2473	2475	2480	rVB	84845	108298	2.85%	0.174%
57	17.326	2488	2491	2496	rBV2	68600	126120	3.32%	0.203%
58	17.526	2517	2525	2530	rVB4	401754	867313	22.81%	1.395%
59	17.637	2541	2544	2552	rVB4	160209	273337	7.19%	0.440%
60	17.719	2554	2558	2562	rBV3	99261	143822	3.78%	0.231%
61	17.796	2564	2571	2575	rBV	665368	1124949	29.59%	1.810%
62	17.843	2575	2579	2585	rVB	1093381	1526969	40.17%	2.457%
63	17.925	2590	2593	2598	rVB	147034	195625	5.15%	0.315%
64	17.990	2599	2604	2608	rBV3	1236052	2014104	52.98%	3.240%
65	18.031	2608	2611	2614	rVB	464707	488006	12.84%	0.785%
66	18.101	2619	2623	2628	rBV4	144054	209209	5.50%	0.337%
67	18.284	2650	2654	2656	rBV2	357326	505799	13.30%	0.814%
68	18.430	2675	2679	2681	rBV2	125237	164835	4.34%	0.265%
69	18.460	2681	2684	2691	rVB3	257014	335472	8.82%	0.540%
70	18.524	2692	2695	2697	rVV3	101124	126013	3.31%	0.203%
71	18.554	2697	2700	2705	rVV2	217201	377344	9.93%	0.607%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018206.D
Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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	18.607	2706	2709	2712	rVV	216304	300420	7.90%	0.483%
73	18.642	2713	2715	2720	rVB2	146723	185546	4.88%	0.299%
74	18.730	2725	2730	2735	rBV	571339	958132	25.20%	1.541%
75	18.783	2735	2739	2743	rVV3	380268	718624	18.90%	1.156%
76	18.824	2743	2746	2749	rVV2	319888	470226	12.37%	0.756%
77	18.865	2749	2753	2762	rVB4	508750	1101002	28.96%	1.771%
78	19.000	2770	2776	2781	rVB	1879855	2455276	64.58%	3.950%
79	19.065	2783	2787	2789	rBV3	220703	301036	7.92%	0.484%
80	19.141	2796	2800	2805	rVB	815248	1142153	30.04%	1.837%
81	19.206	2807	2811	2814	rBV3	252052	326966	8.60%	0.526%
82	19.329	2828	2832	2834	rBV2	540019	711100	18.70%	1.144%
83	19.365	2834	2838	2847	rVB	1862930	2757256	72.53%	4.436%
84	19.482	2856	2858	2863	rBV3	180843	222939	5.86%	0.359%
85	19.535	2864	2867	2870	rVV3	195310	248325	6.53%	0.400%
86	19.594	2873	2877	2884	rVB2	619682	891320	23.45%	1.434%
87	19.688	2889	2893	2904	rBV4	276178	798022	20.99%	1.284%
88	19.858	2918	2922	2927	rVB	947620	1305490	34.34%	2.100%
89	19.911	2927	2931	2936	rBV3	442009	688017	18.10%	1.107%
90	19.958	2937	2939	2944	rVV	290608	387078	10.18%	0.623%
91	20.023	2947	2950	2953	rVB	328654	390051	10.26%	0.628%
92	20.134	2966	2969	2971	rBV	341293	397454	10.45%	0.639%
93	20.275	2991	2993	2999	rVB2	201029	255128	6.71%	0.410%
94	20.457	3021	3024	3027	rVB2	347385	351266	9.24%	0.565%
95	21.057	3123	3126	3129	rVB	455575	422067	11.10%	0.679%
96	21.121	3132	3137	3142	rVV2	1531222	3039670	79.95%	4.890%
97	21.168	3142	3145	3154	rVB	1559659	2140911	56.31%	3.444%
98	21.862	3260	3263	3267	rBV	617805	708711	18.64%	1.140%
99	22.667	3396	3400	3405	rBV2	726823	1521210	40.01%	2.447%
100	23.231	3492	3496	3502	rVB	810371	1343240	35.33%	2.161%

Sum of corrected areas: 62158212

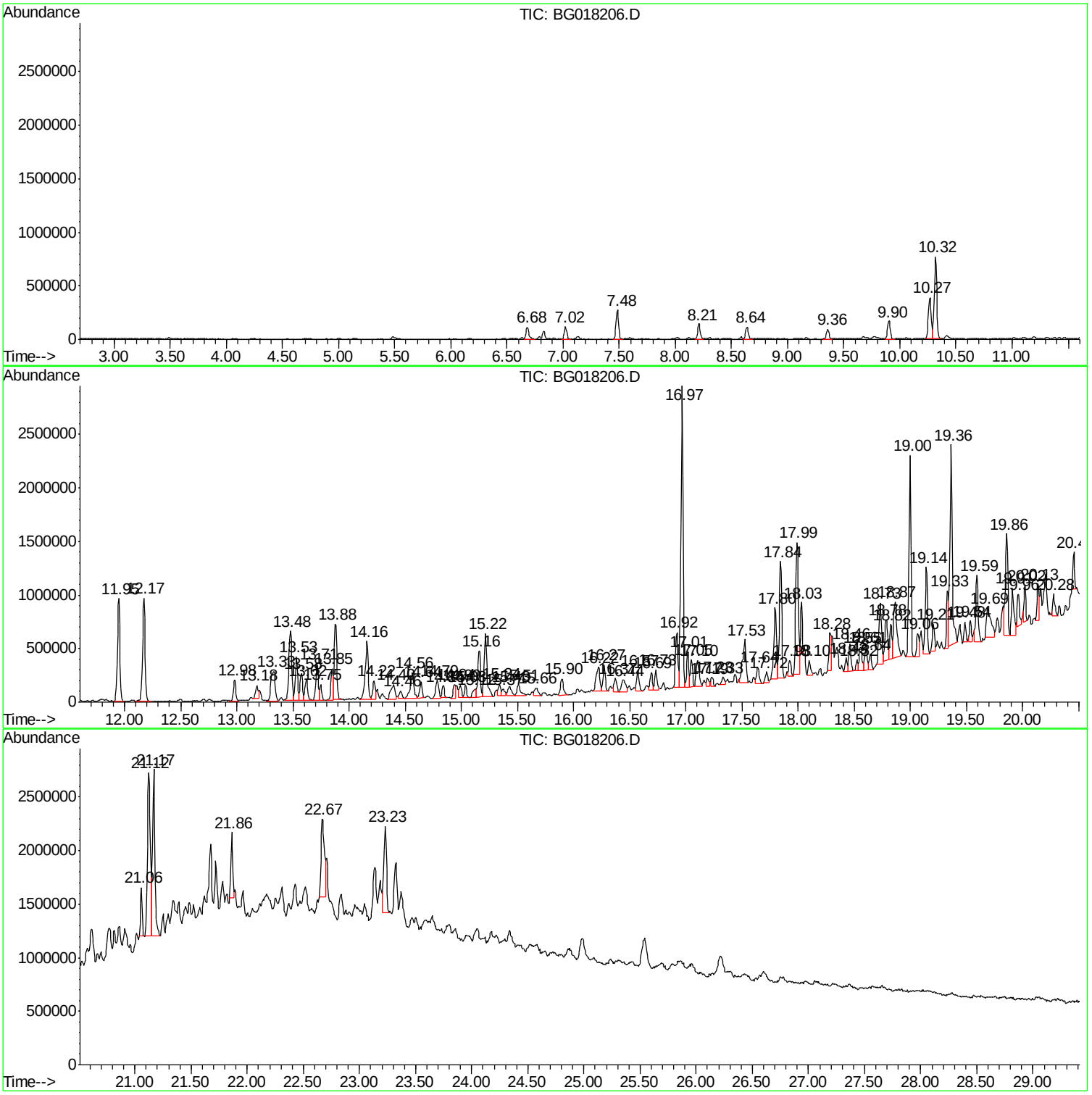
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018206.D
Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018206.D
Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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

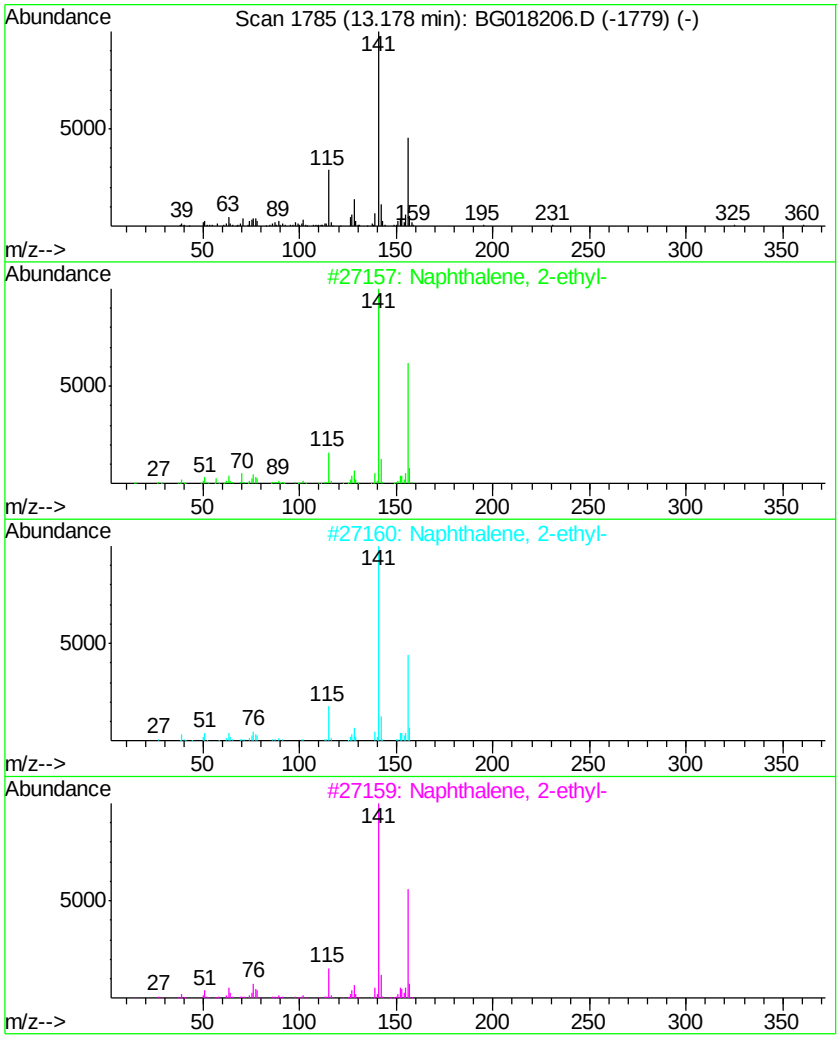
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

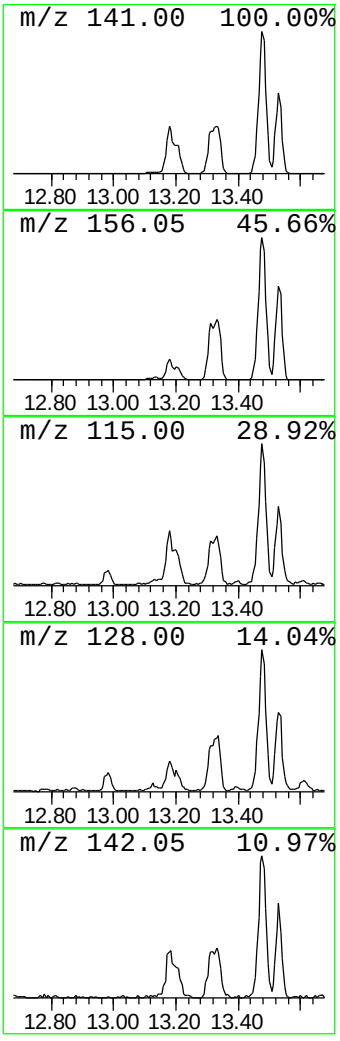
****

Peak Number 1 Naphthalene, 2-ethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	3.90 ng/ul	203215	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018206.D
Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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

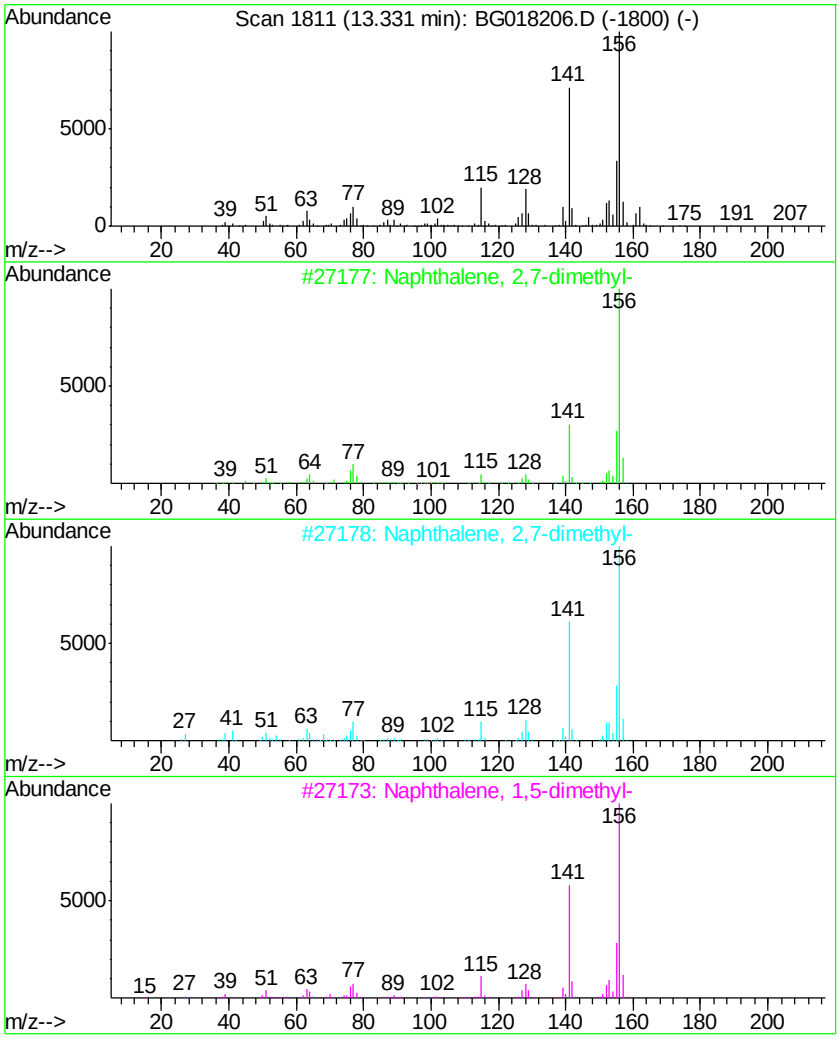
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

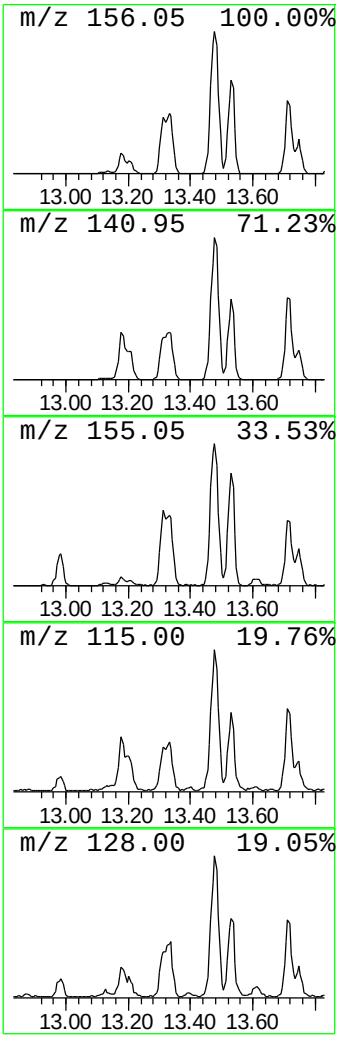
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	13.71 ng/ul	715058	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, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018206.D
Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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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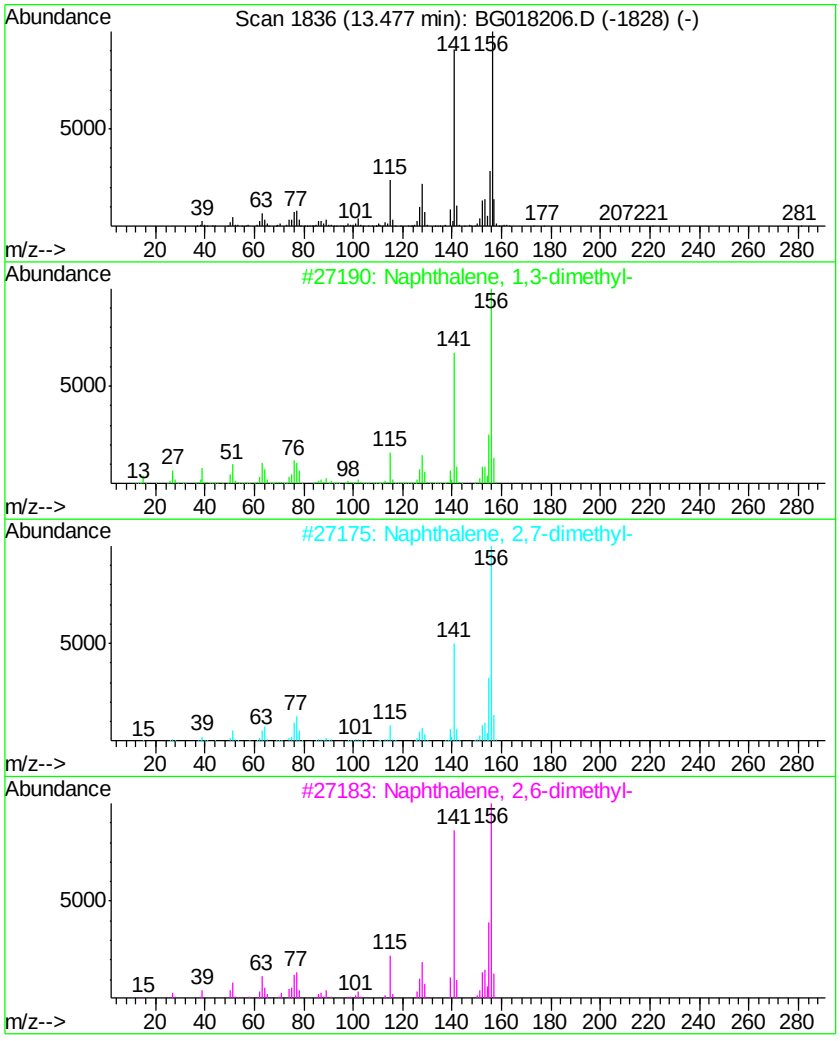
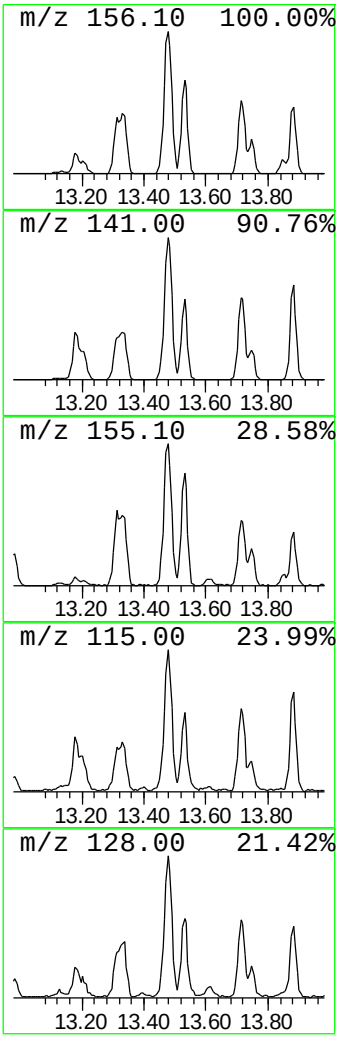
Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	21.96 ng/ul	1145140	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018206.D
Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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

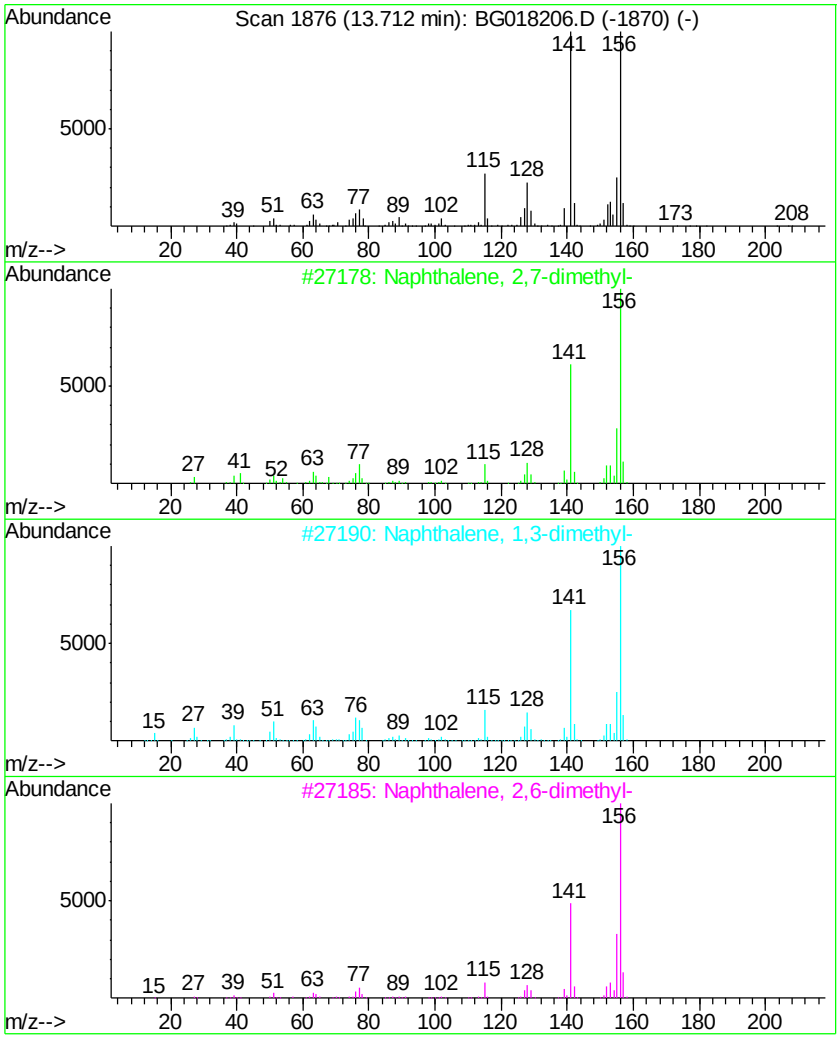
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

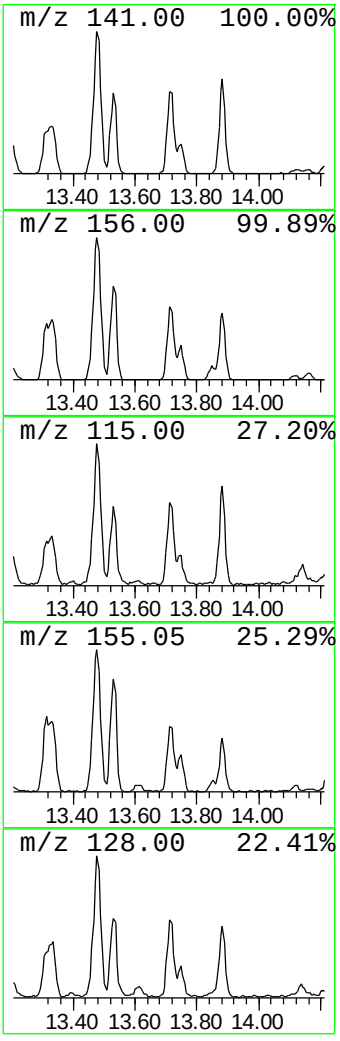
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	10.40 ng/ul	542447	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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	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_G\DATA\BG073115\
Data File : BG018206.D
Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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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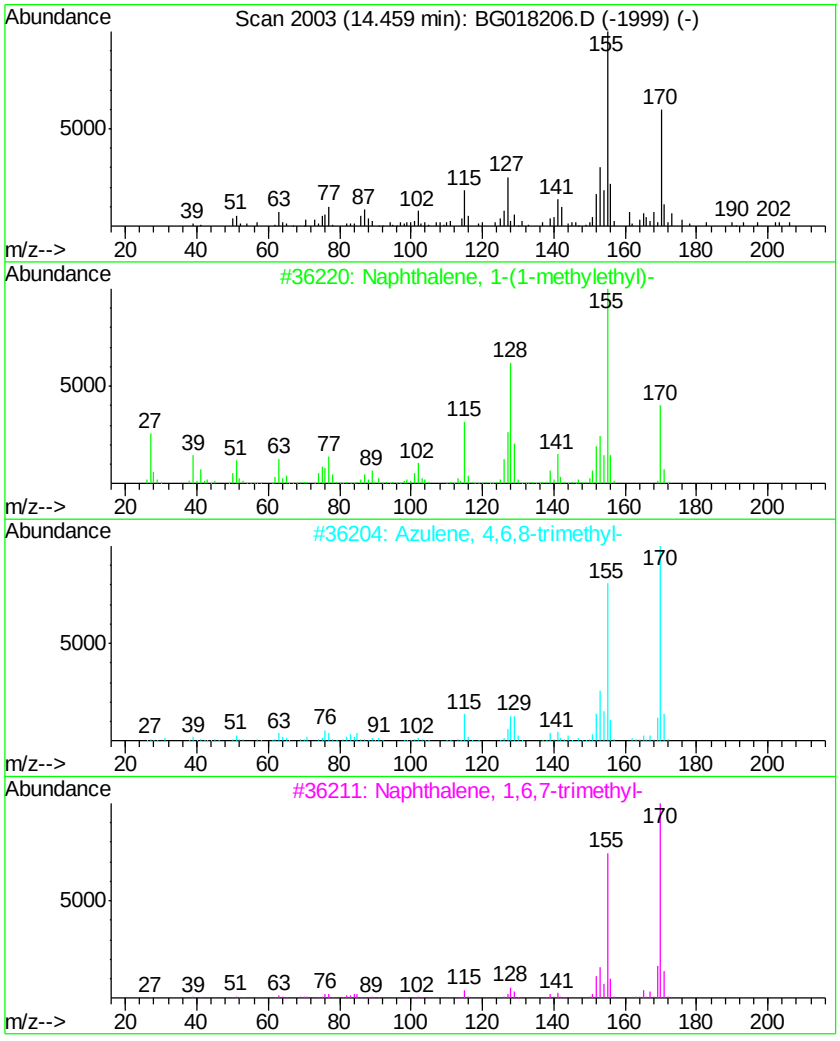
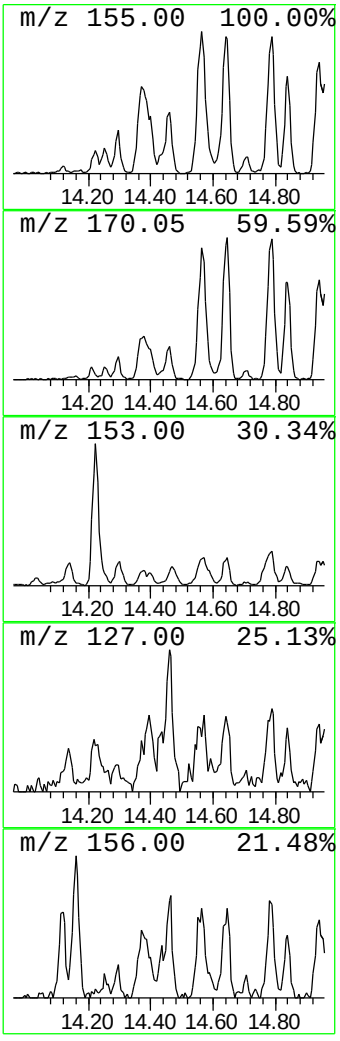
Peak Number 6 Naphthalene, 1-(1-methyleth... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.22 ng/ul	115849	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	80
2	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	74
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	74
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	72
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64





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Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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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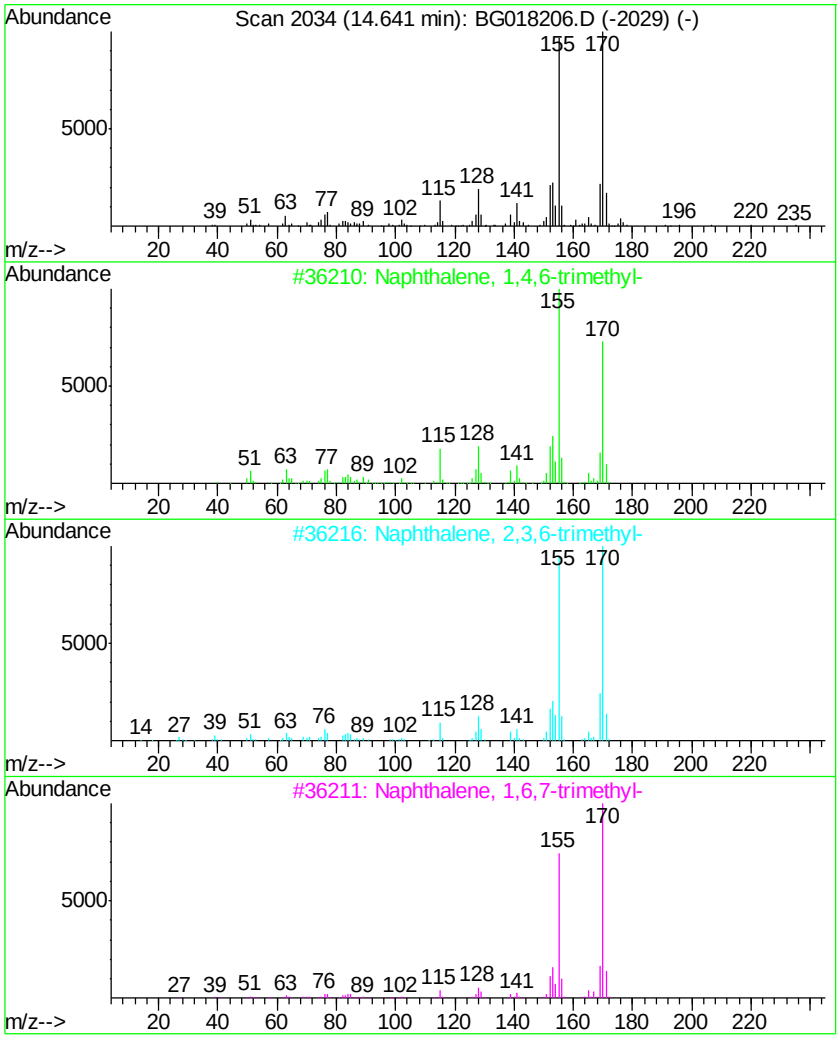
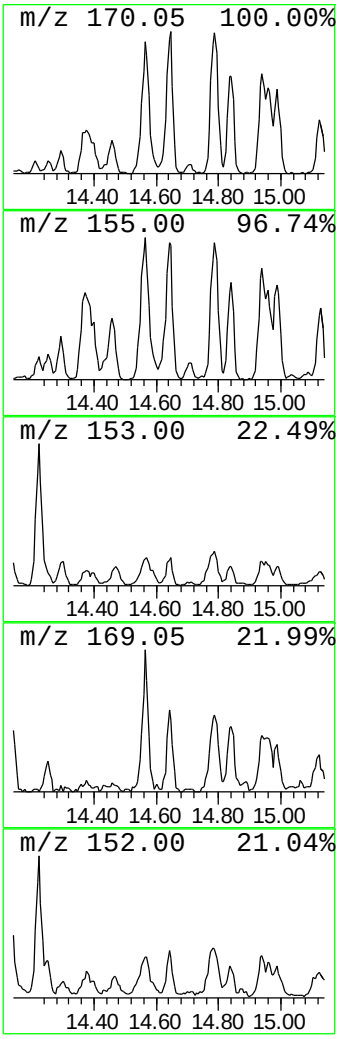
Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.15 ng/ul	216158	Acenaphthene-d10	14.16

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





Library Search Compound Report

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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Quant Title : SVOA CALIBRATION

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

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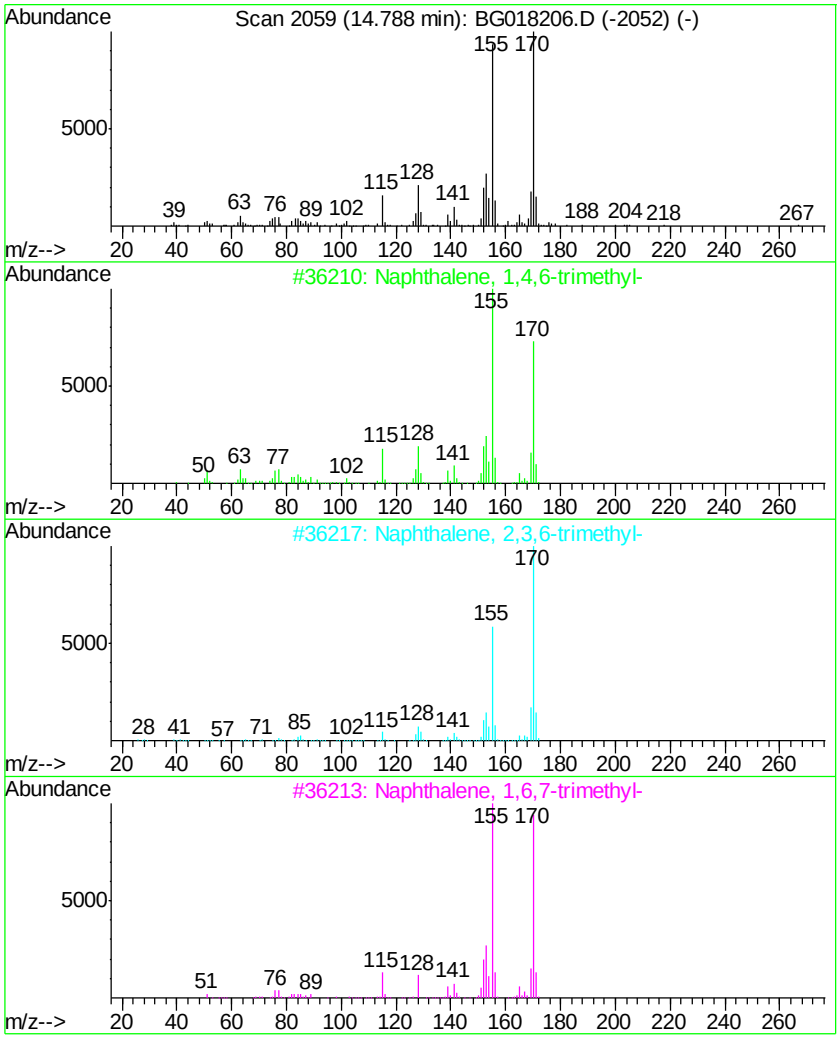
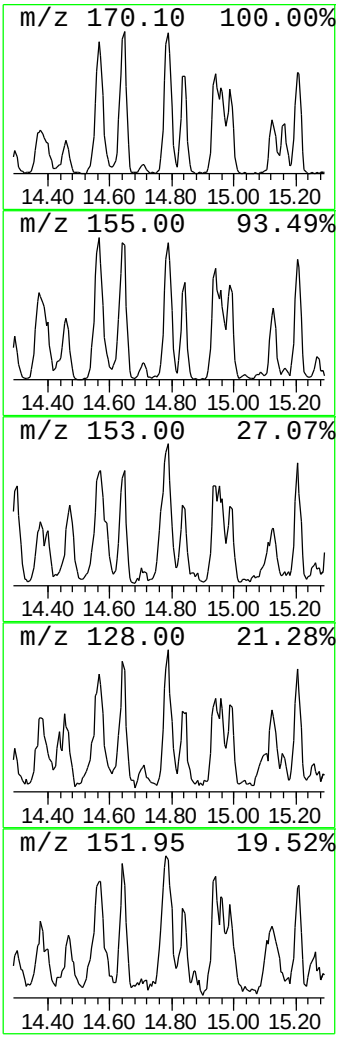
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	6.28 ng/ul	327288	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Misc :
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Instrument : BNA_G
ClientSampleId : C02G6

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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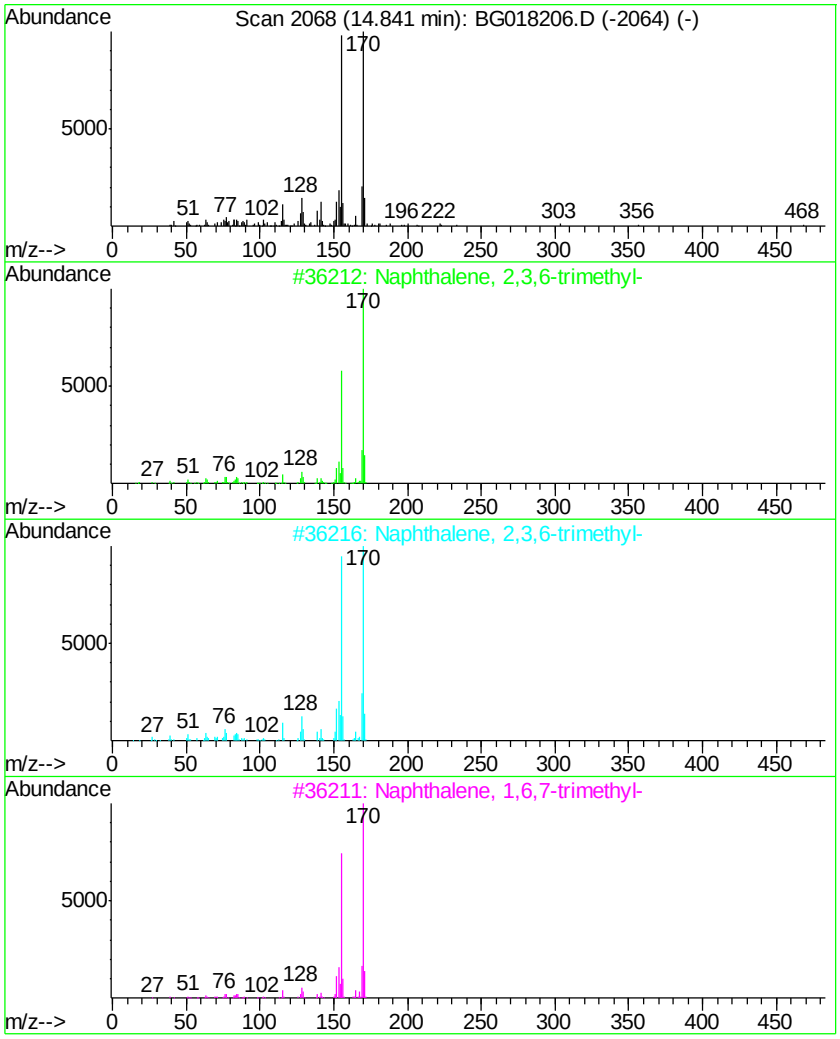
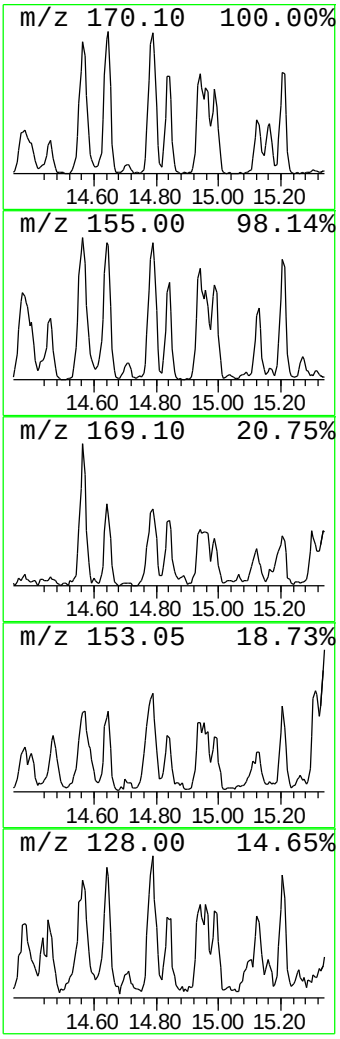
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.68 ng/ul	139673	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Sample : G3065-21
Misc :
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Instrument : BNA_G
ClientSampleId : C02G6

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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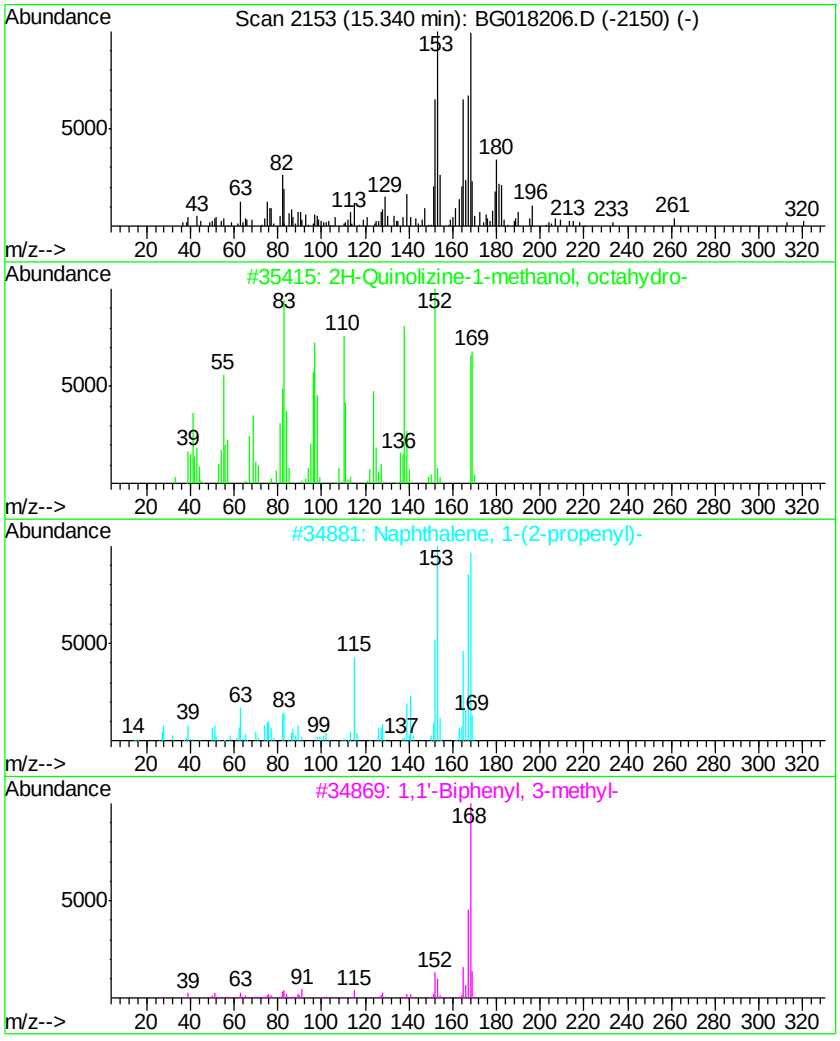
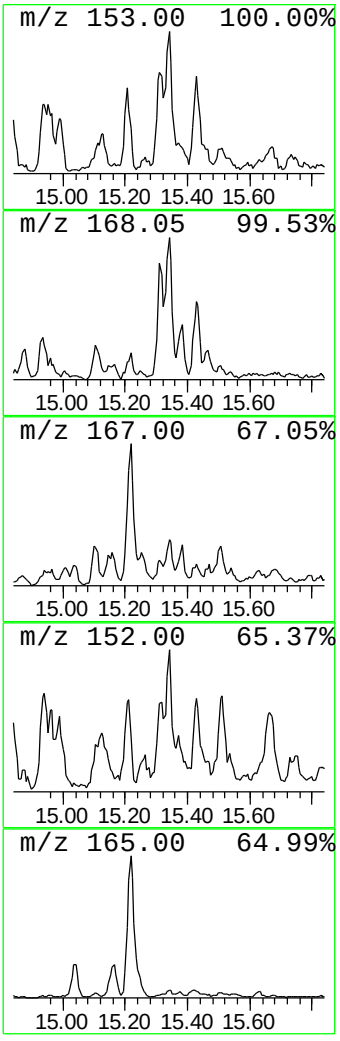
Peak Number 11 2H-Quinolizine-1-methanol, ... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.19 ng/ul	166361	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Quinolizine-1-methanol, octah...	169	C10H19NO	010159-79-2	53
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38





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Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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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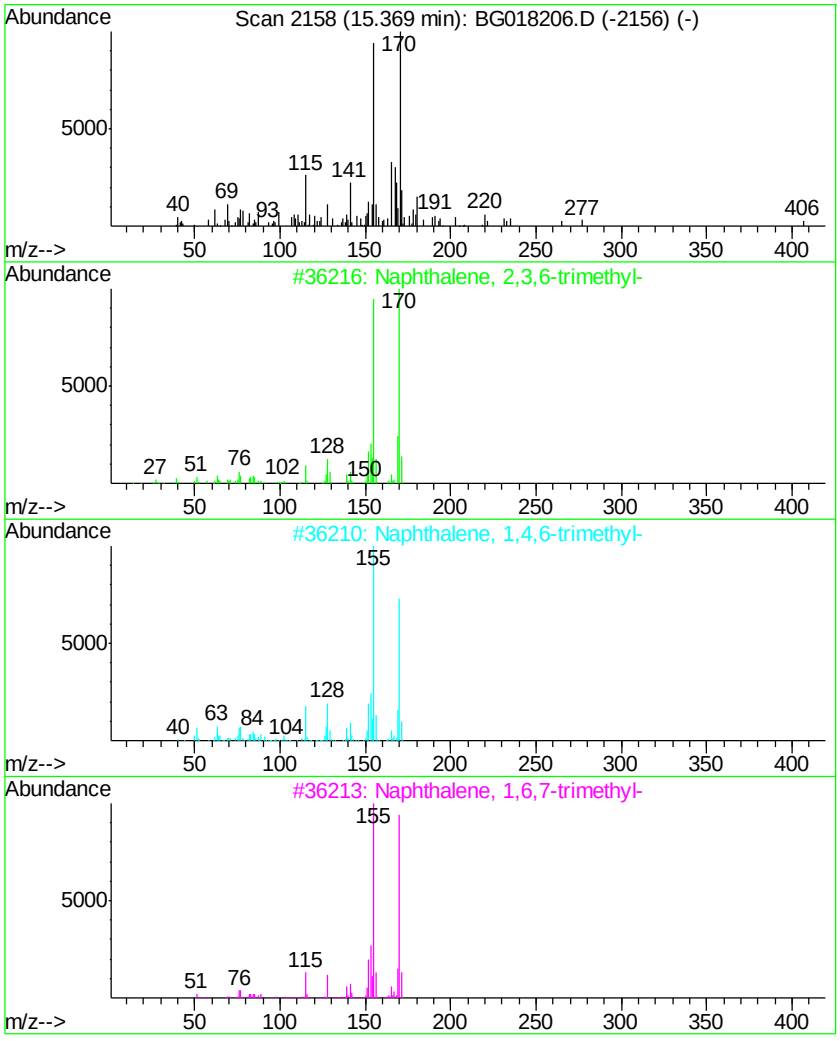
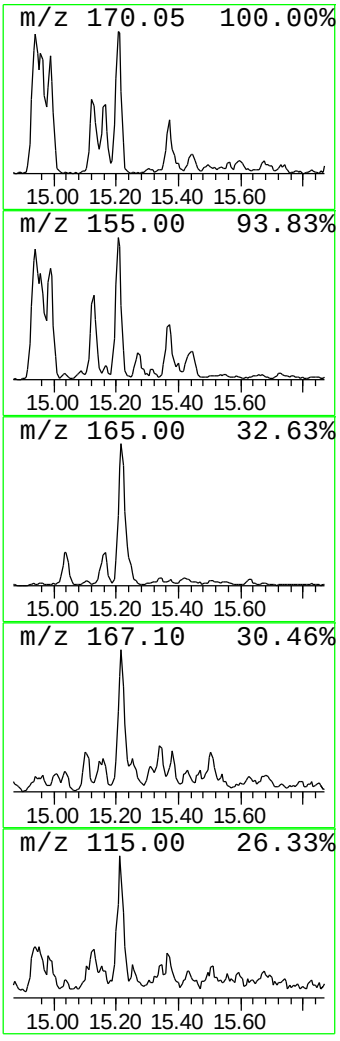
Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.18 ng/ul	113527	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	58
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	58
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	58





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Sample : G3065-21
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Instrument : BNA_G
ClientSampleId : C02G6

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Quant Title : SVOA CALIBRATION

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

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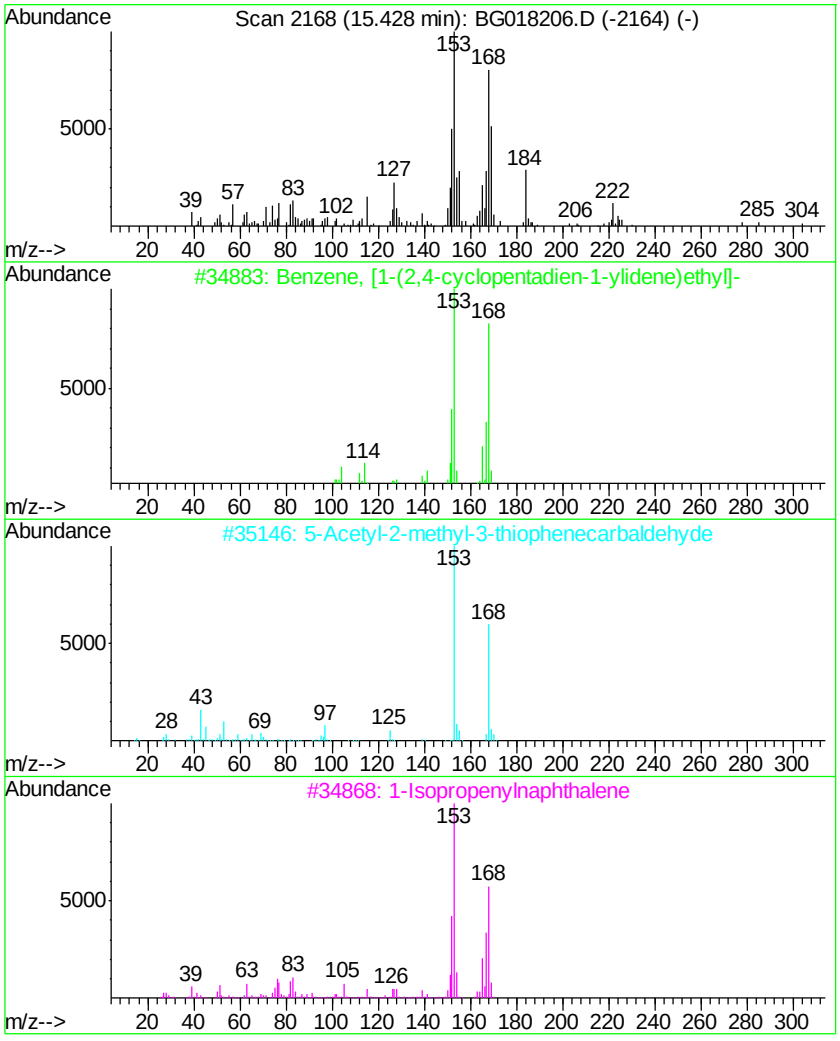
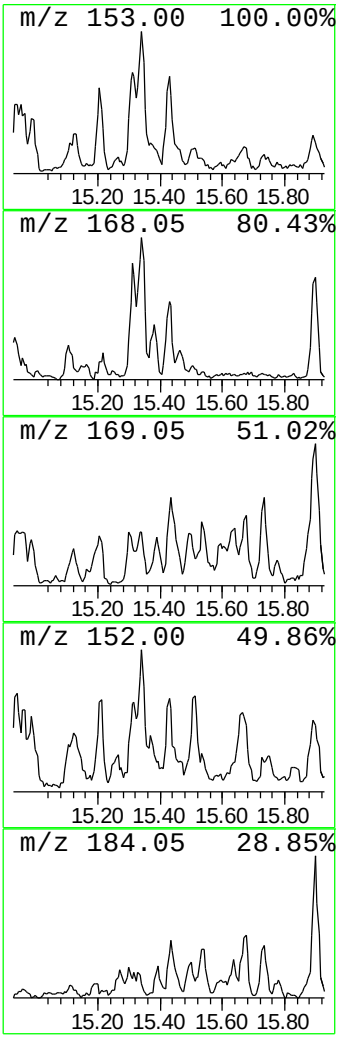
Peak Number 13 Benzene, [1-(2,4-cyclopenta... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	3.43 ng/ul	178667	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
2	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	38
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	38
4	N-(3,5-Diisopropyl-4-oxo-cyclohe...	386	C25H26N2O2	075531-73-6	27
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	25





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Misc :
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Instrument : BNA_G
ClientSampleId : C02G6

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Quant Title : SVOA CALIBRATION

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

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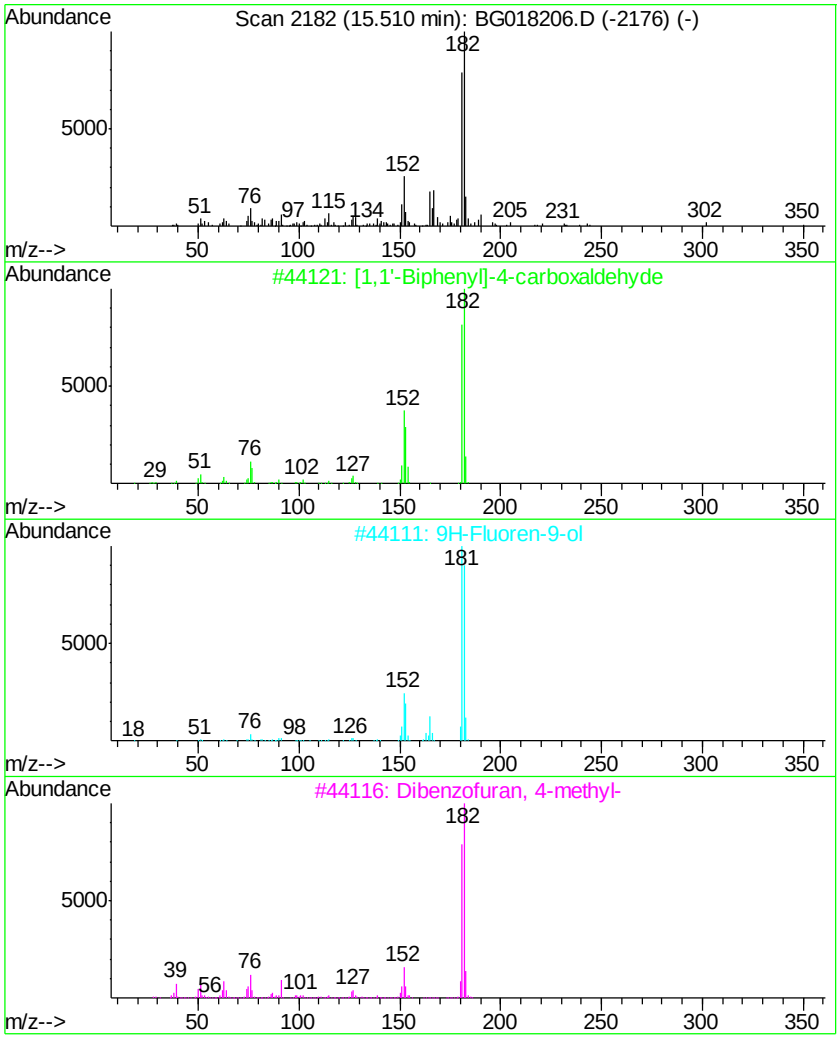
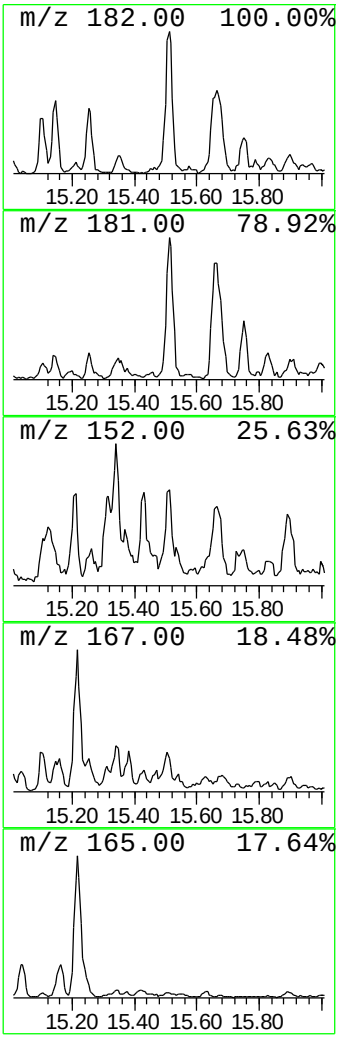
Peak Number 14 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	4.08 ng/ul	212781	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	49
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	47





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Quant Title : SVOA CALIBRATION

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

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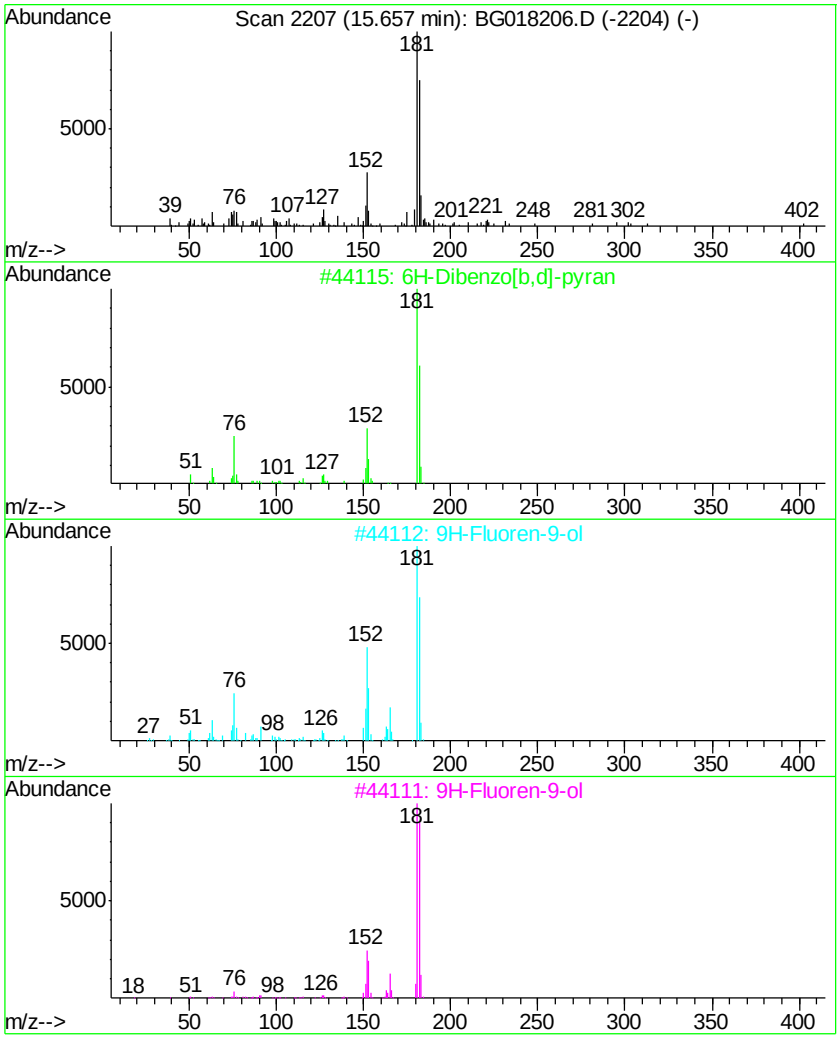
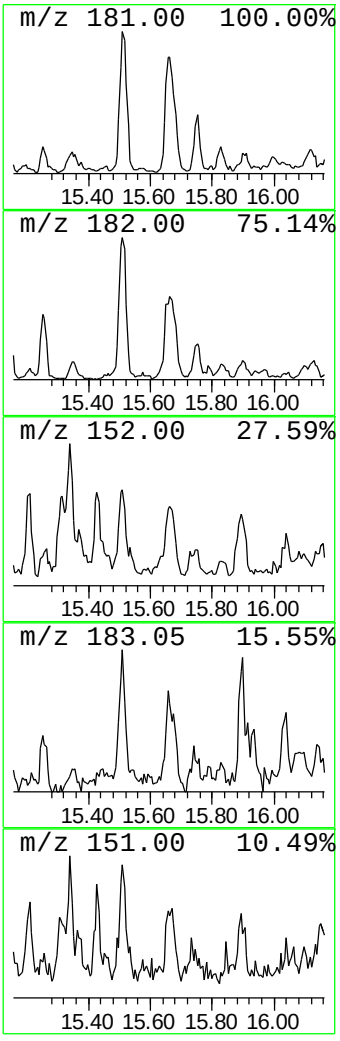
Peak Number 15 6H-Dibenzo[b,d]-pyran Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	4.24 ng/ul	165100	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





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Quant Title : SVOA CALIBRATION

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

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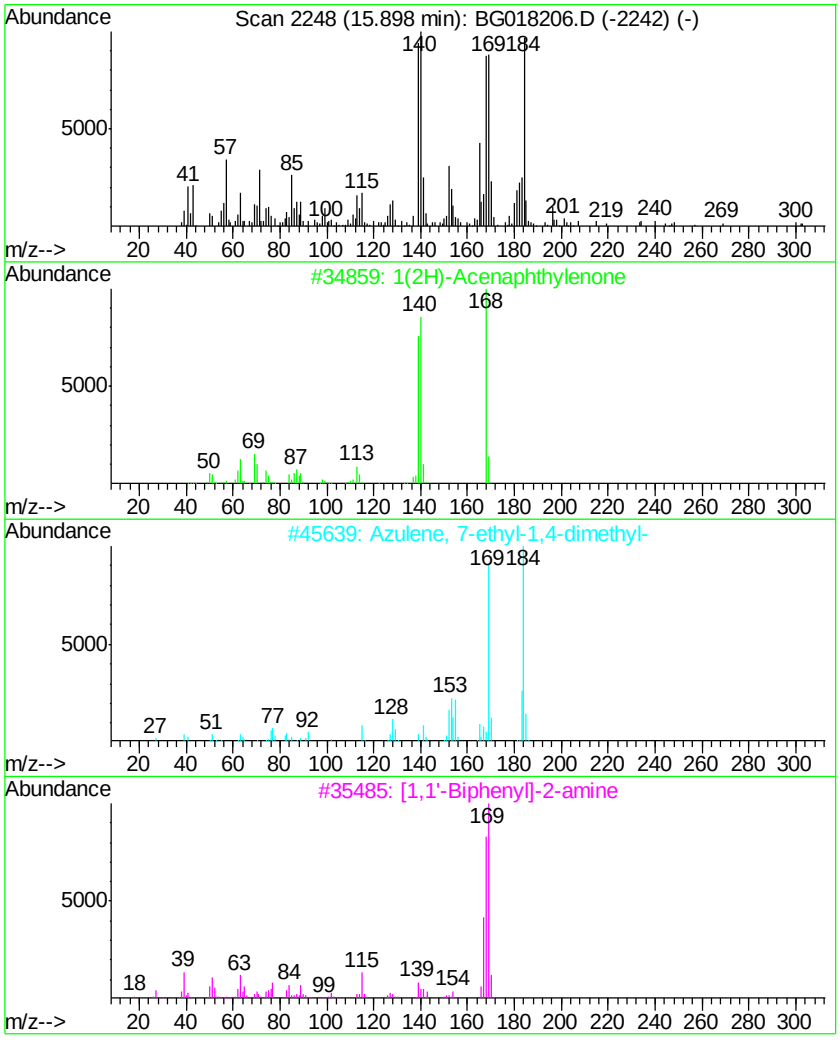
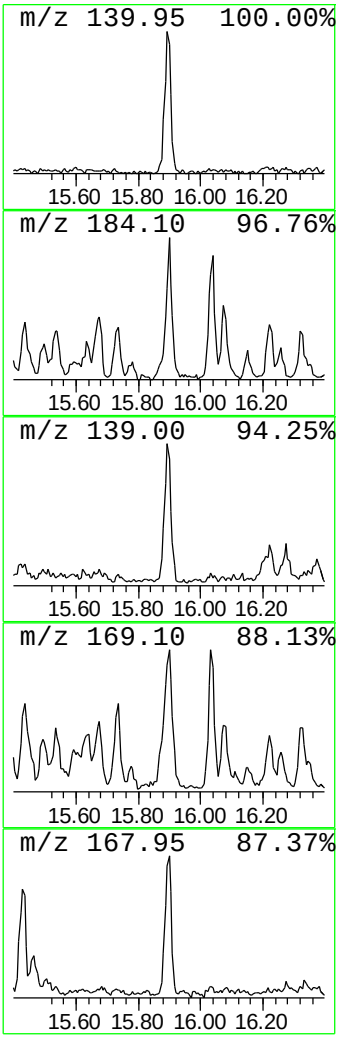
Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	7.34 ng/ul	285565	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
2	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	42
3	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	38
4	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	35
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	30





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Quant Title : SVOA CALIBRATION

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

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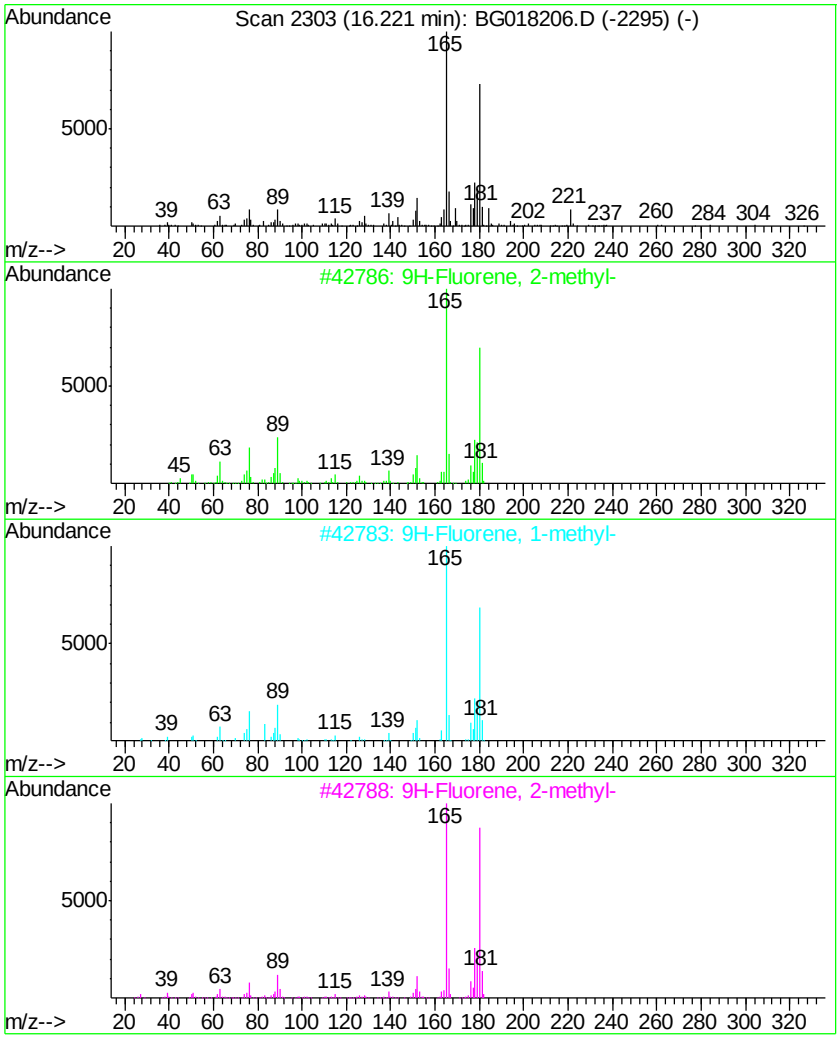
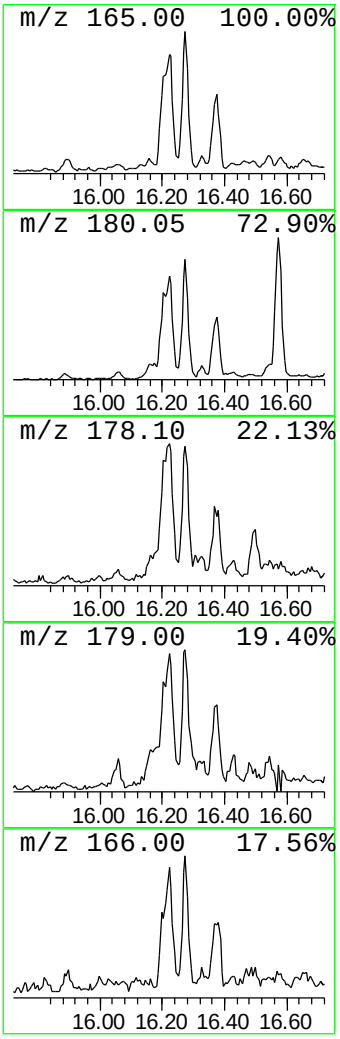
Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	12.64 ng/ul	491837	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70





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Quant Title : SVOA CALIBRATION

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

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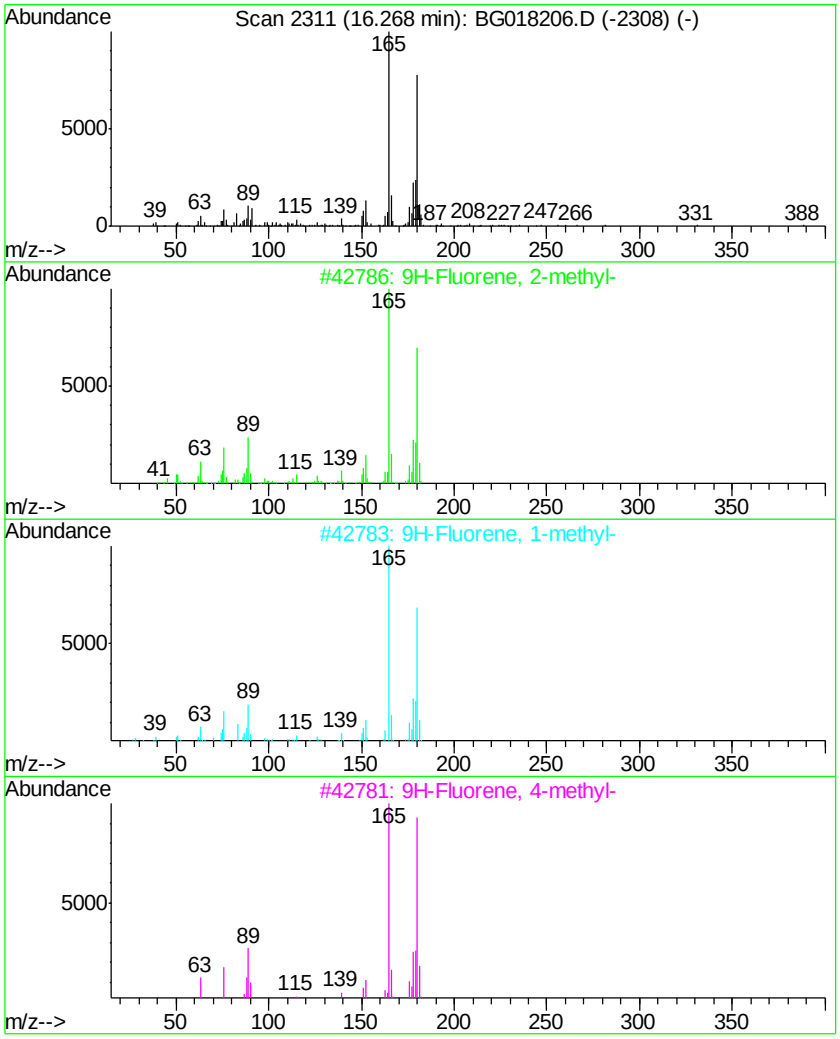
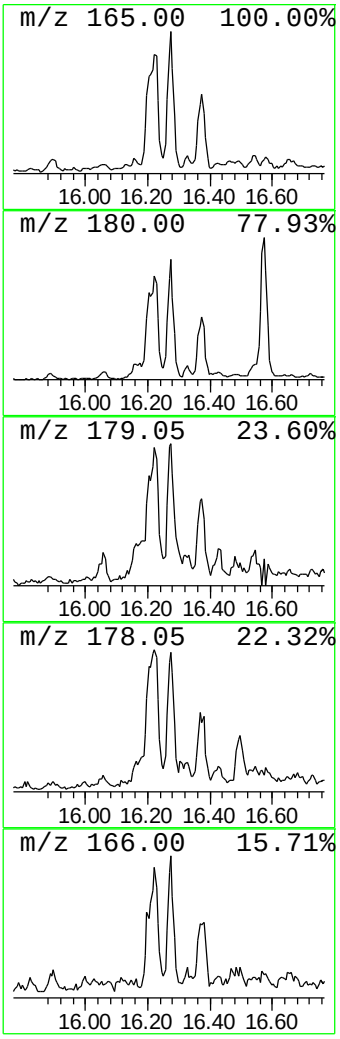
Peak Number 18 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	8.37 ng/ul	325791	Phenanthrene-d10	16.92

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	95
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91





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Data File : BG018206.D
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Operator : TP/UM
Sample : G3065-21
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Instrument : BNA_G
ClientSampleId : C02G6

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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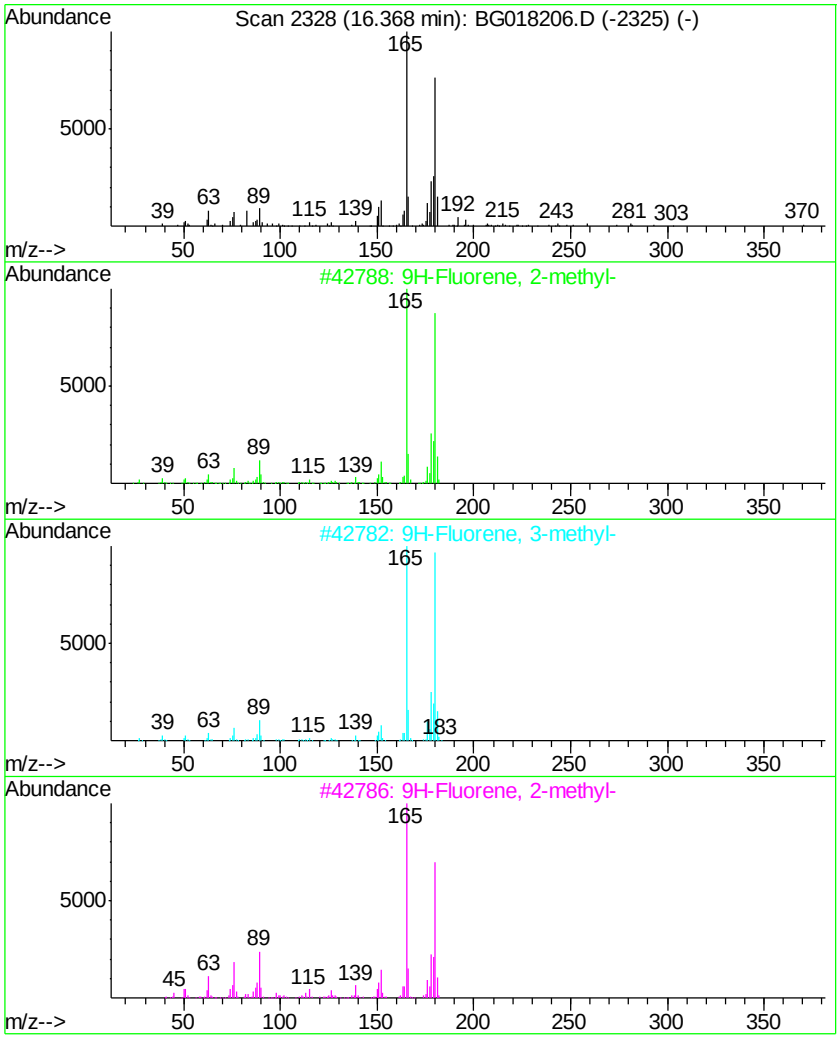
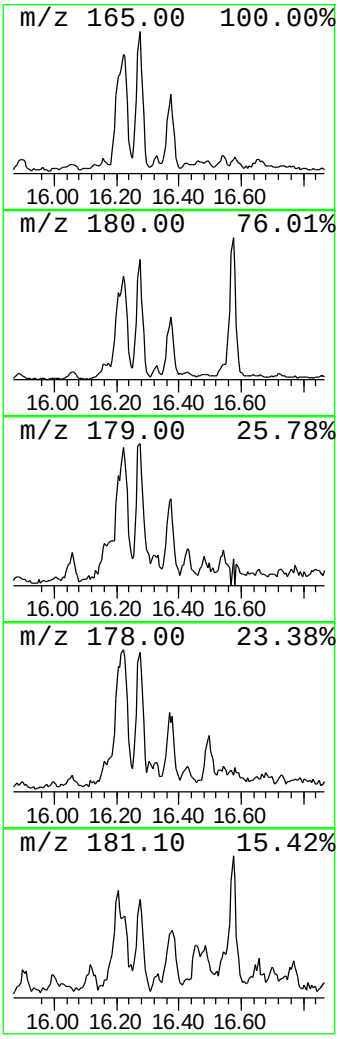
Peak Number 19 9H-Fluorene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	5.46 ng/ul	212567	Phenanthrene-d10	16.92

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	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91





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Misc :
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Instrument : BNA_G
ClientSampleId : C02G6

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Quant Title : SVOA CALIBRATION

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

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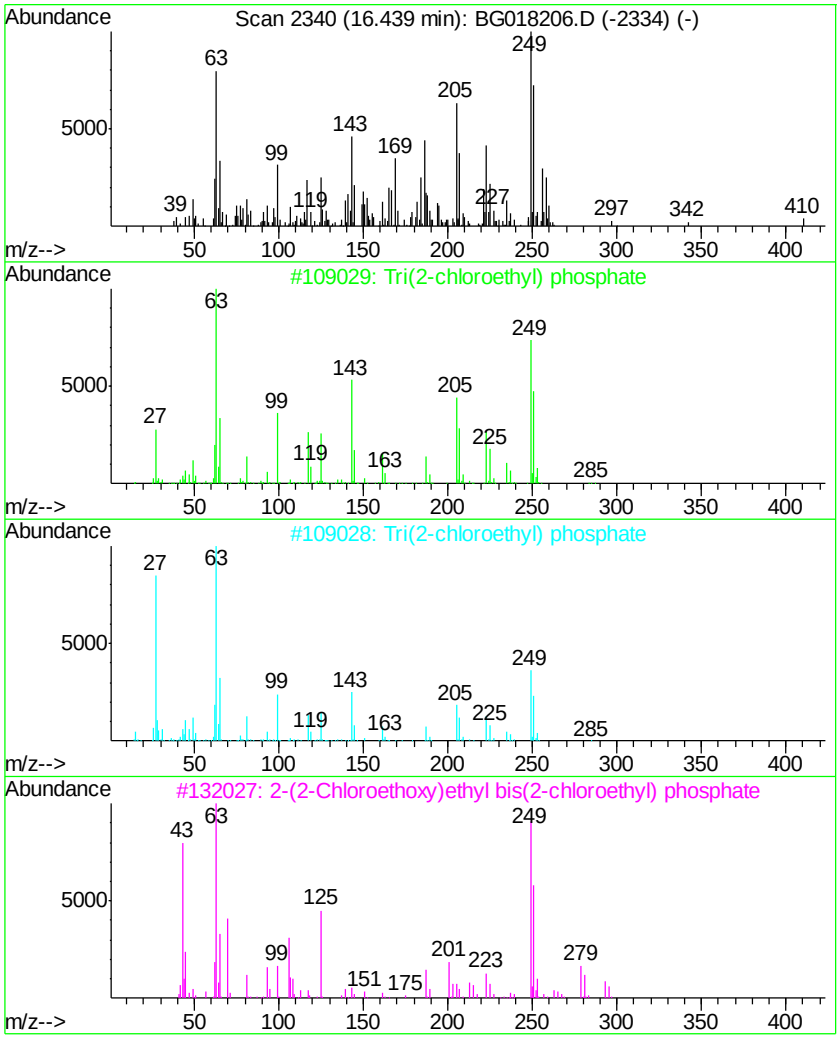
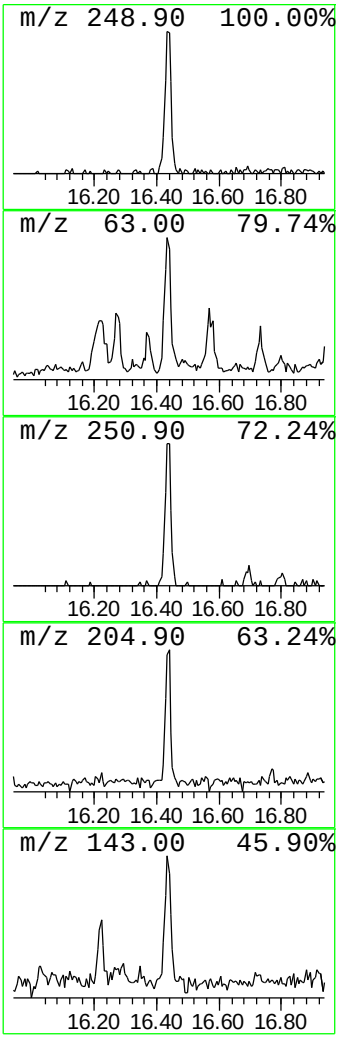
Peak Number 20 Tri(2-chloroethyl) phosphate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	8.19 ng/ul	318632	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	81
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	74
3	2-(2-Chloroethoxy)ethyl bis(2-ch...	328	C8H16Cl3O5P	137888-36-9	50
4	Benzene, 1-[(2-chloroethyl)sulfo...	249	C8H8ClNO4S	006461-63-8	42
5	Disulfane, 1-(1,2,2-trichloroeth...	256	C4H4Cl4S2	1000273-58-5	41





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Instrument : BNA_G
ClientSampleId : C02G6

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Quant Title : SVOA CALIBRATION

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

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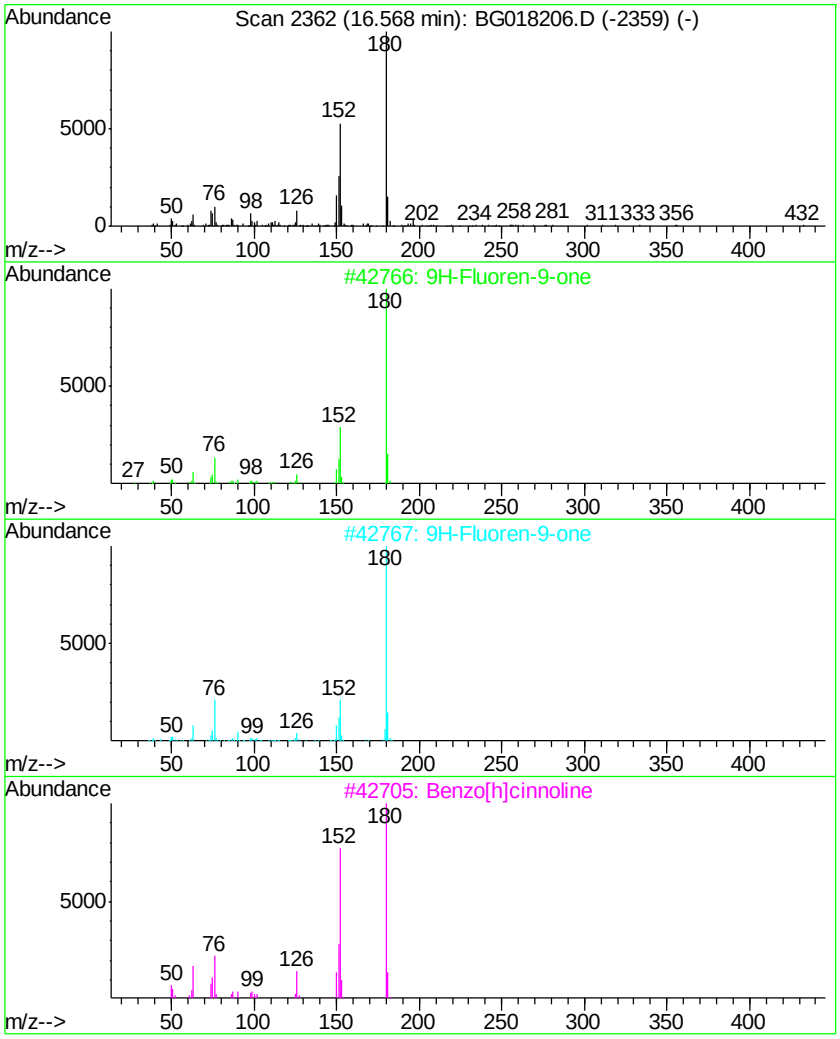
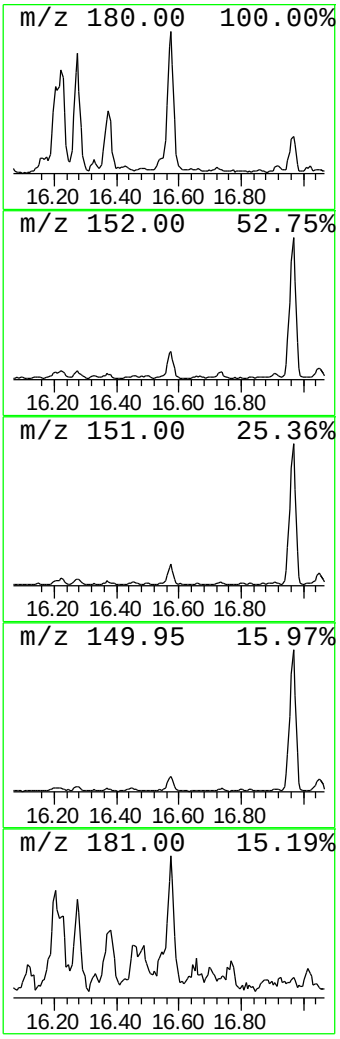
Peak Number 21 9H-Fluoren-9-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	7.11 ng/ul	276738	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





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Quant Title : SVOA CALIBRATION

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

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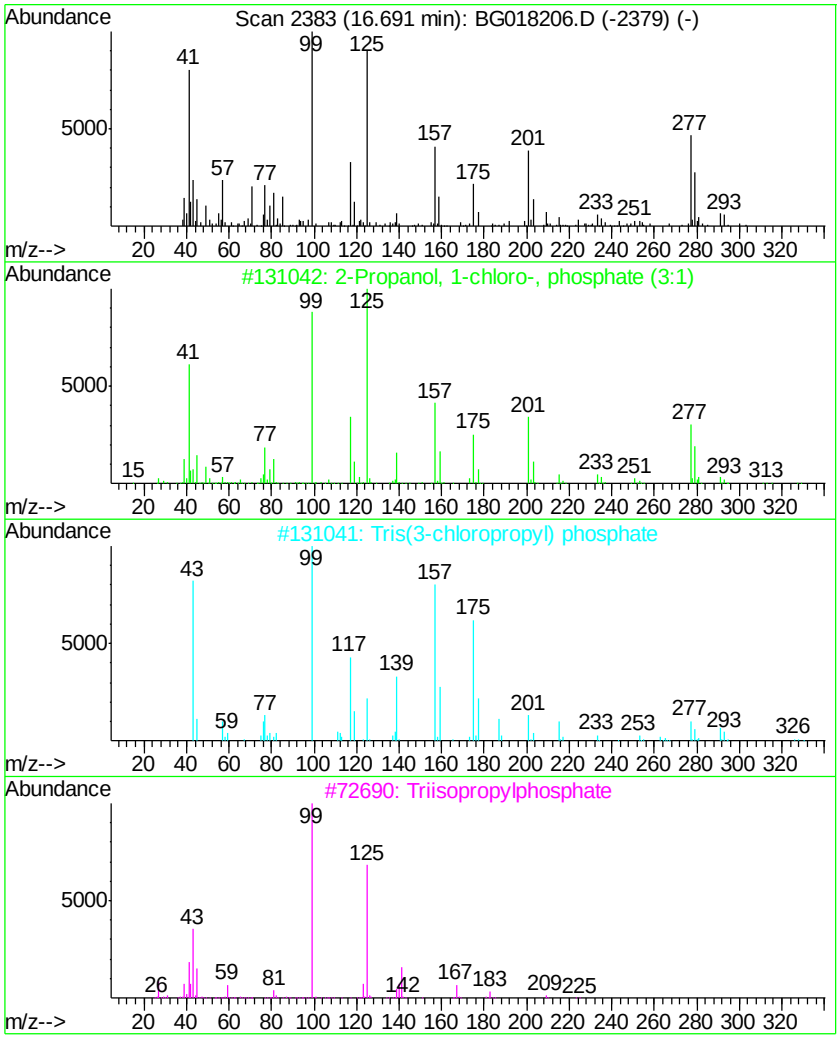
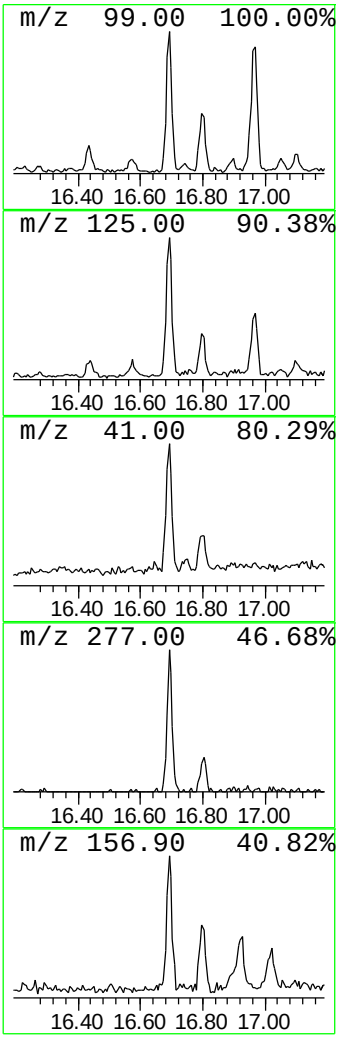
Peak Number 22 2-Propanol, 1-chloro-, phos... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	5.79 ng/ul	225282	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	37
3	Triisopropylphosphate	224	C9H21O4P	000513-02-0	25
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	12
5	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	10





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Quant Title : SVOA CALIBRATION

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

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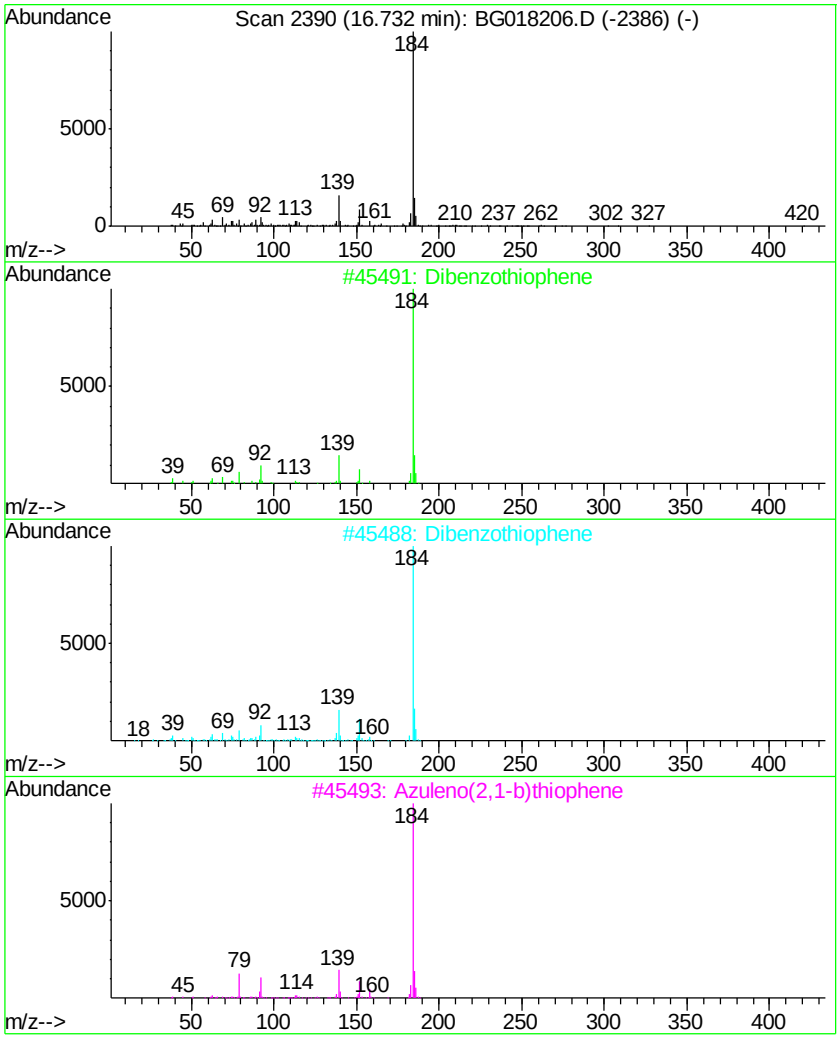
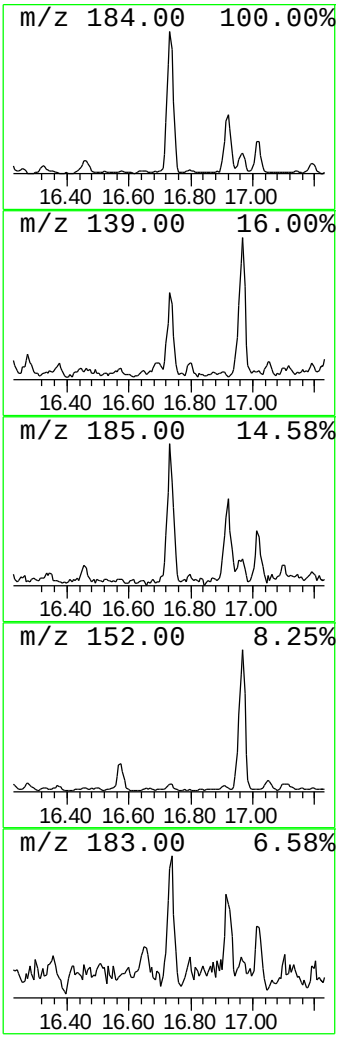
Peak Number 23 Dibenzothiophene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	6.95 ng/ul	270324	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	90
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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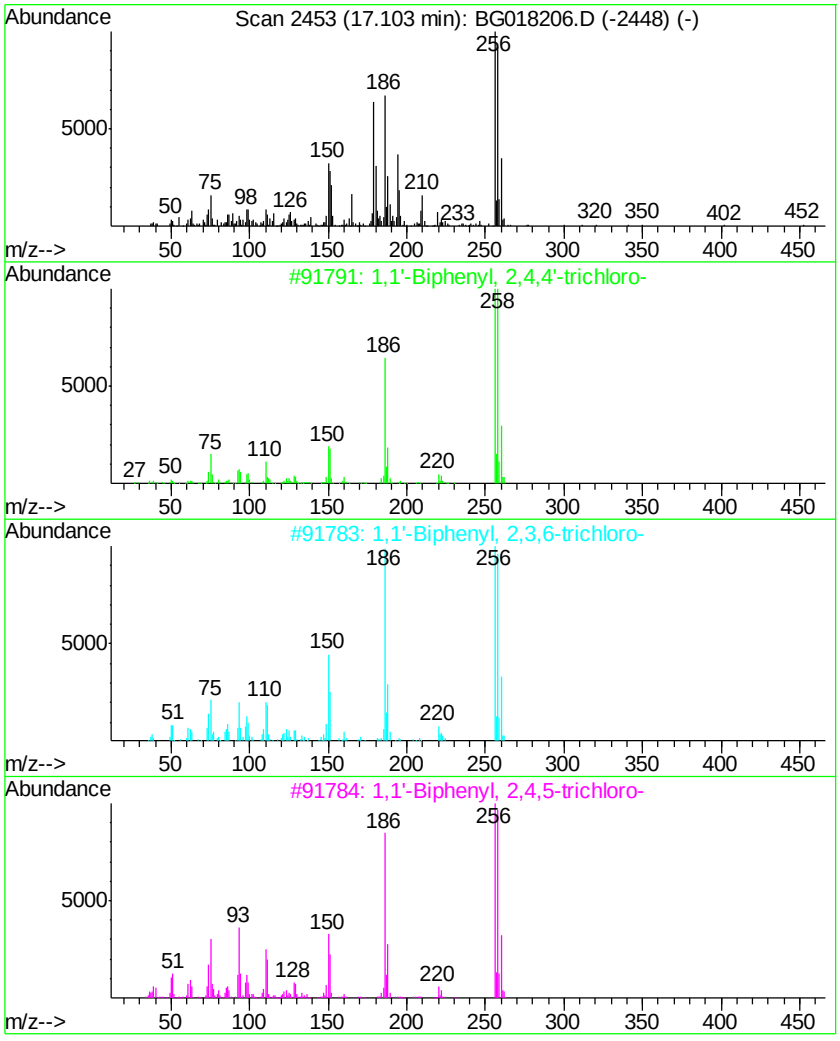
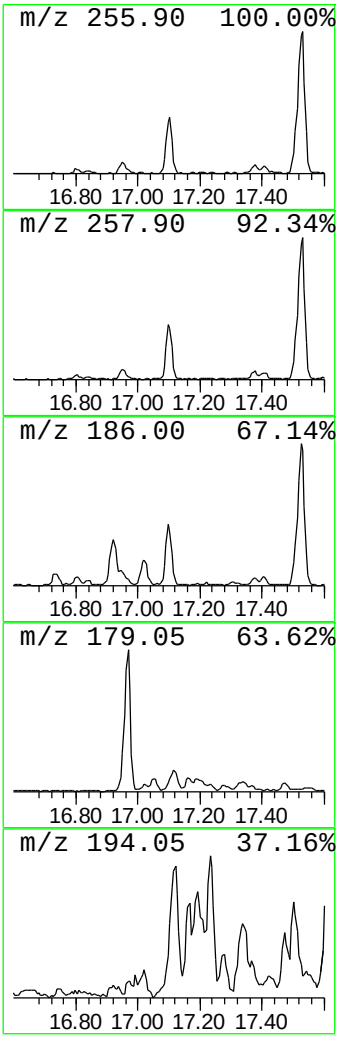
Peak Number 24 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	11.81 ng/ul	459304	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
2	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	92
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	91
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	91
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	91





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Quant Title : SVOA CALIBRATION

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

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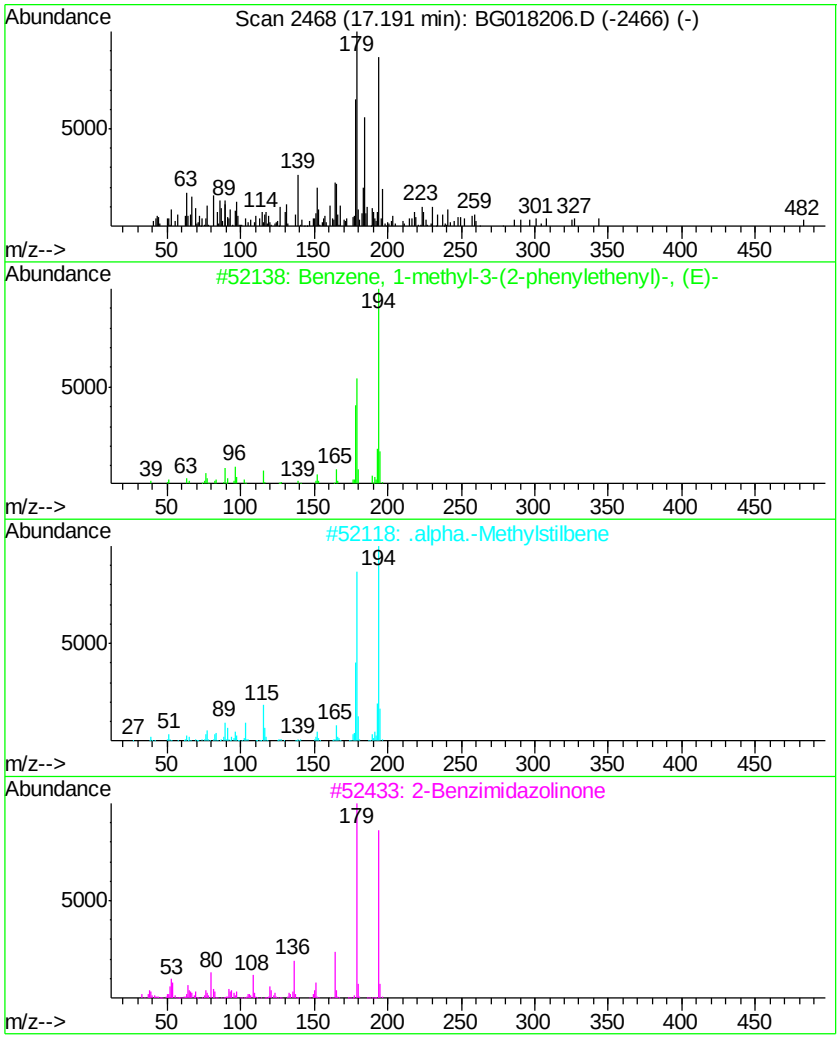
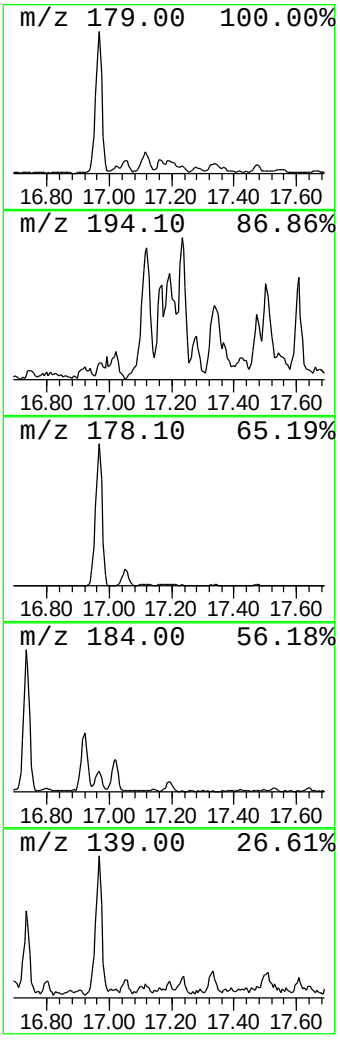
Peak Number 25 Benzene, 1-methyl-3-(2-phen... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	3.13 ng/ul	121861	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(2-phenyleth...	194	C15H14	014064-48-3	50
2	.alpha.-Methylstilbene	194	C15H14	000779-51-1	46
3	2-Benzimidazolinone	194	C9H10N2O3	025808-72-4	43
4	9H-Fluorene, 2-ethyl-	194	C15H14	001207-20-1	38
5	Acetic acid, 2,2'-sulfonylbis-, ...	210	C6H10O6S	016002-30-5	25





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Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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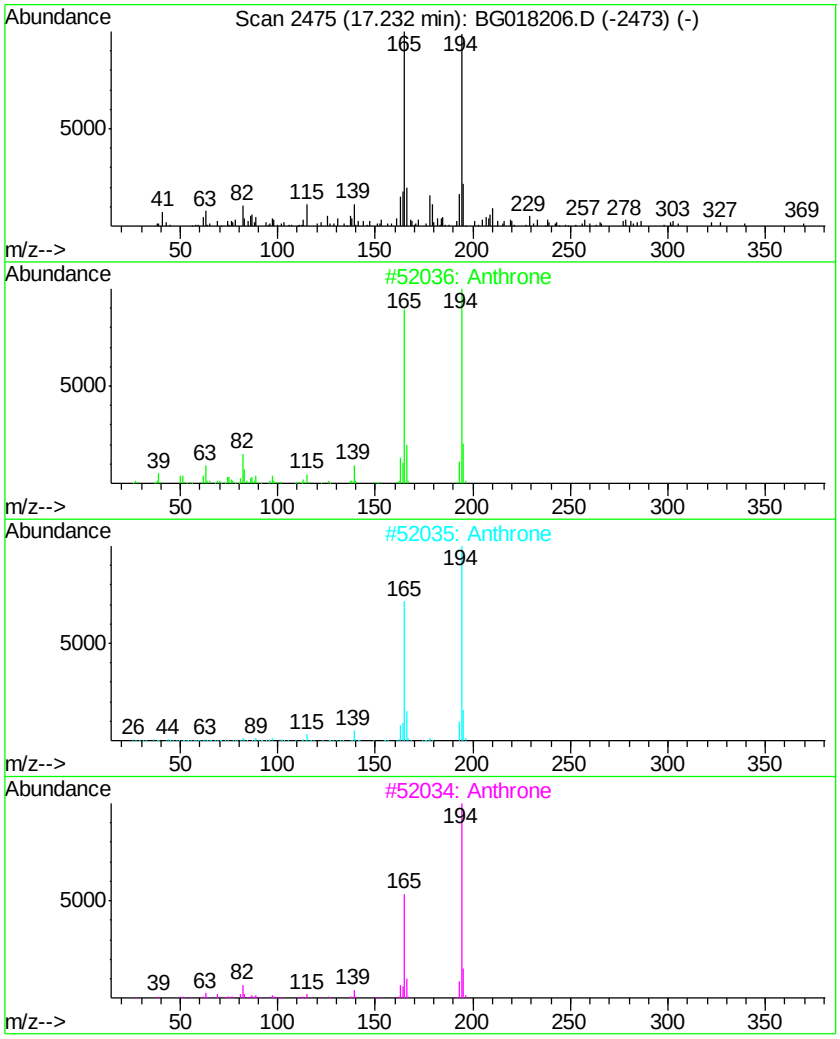
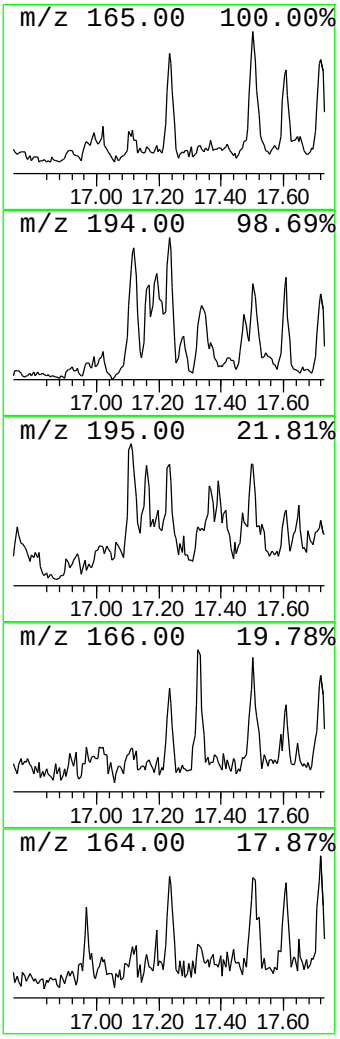
Peak Number 26 Anthrone Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.78 ng/ul	108298	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	90
2	Anthrone	194	C14H10O	000090-44-8	83
3	Anthrone	194	C14H10O	000090-44-8	81
4	3-Phenanthrol	194	C14H10O	000605-87-8	81
5	9-Ethylfluorene	194	C15H14	002294-82-8	80





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Quant Title : SVOA CALIBRATION

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

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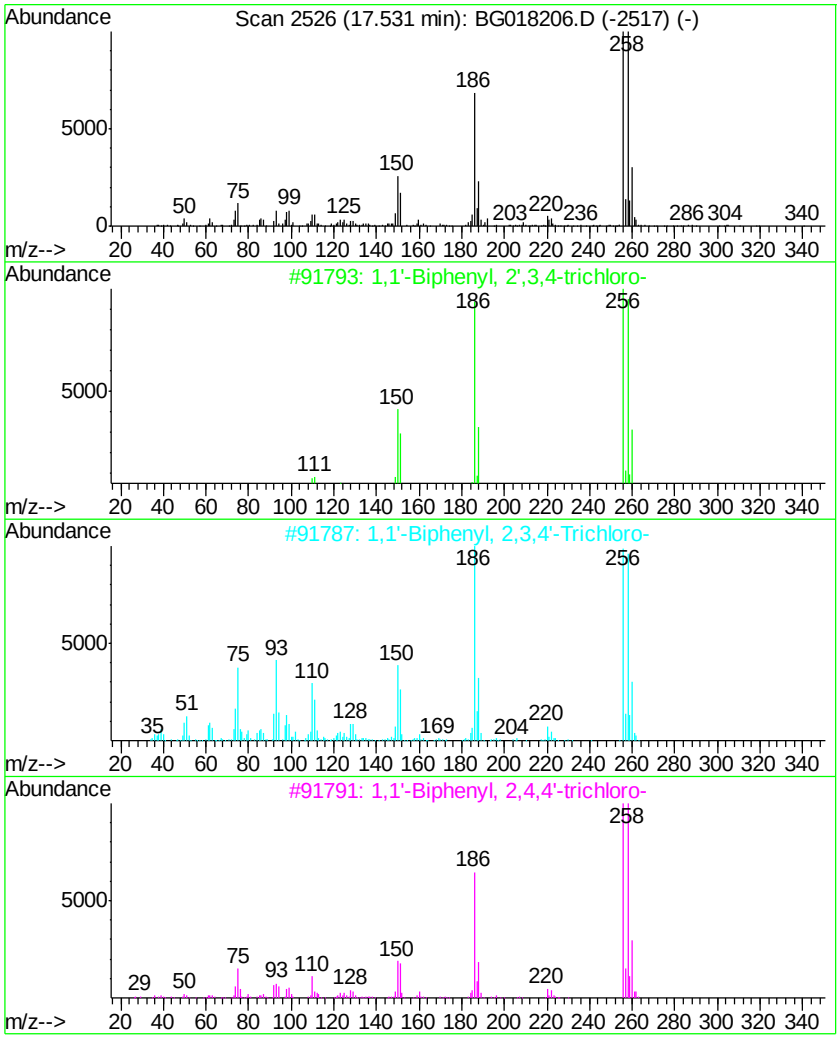
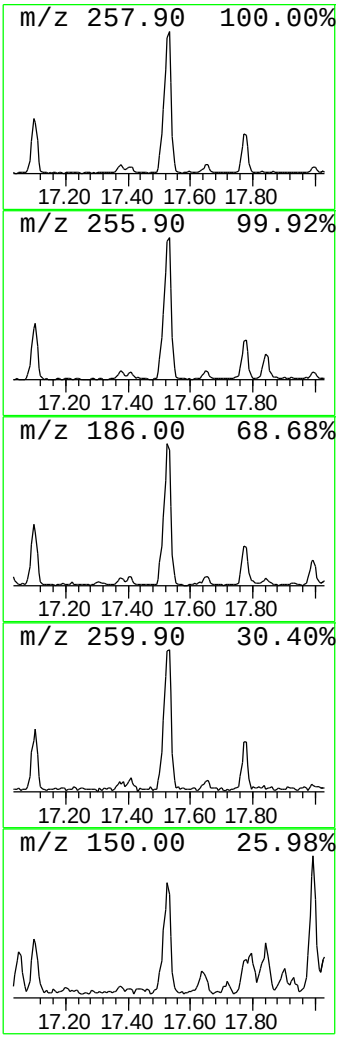
Peak Number 27 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	22.29 ng/ul	867313	Phenanthrene-d10	16.92

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, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	96
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	95
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	95





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Quant Title : SVOA CALIBRATION

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

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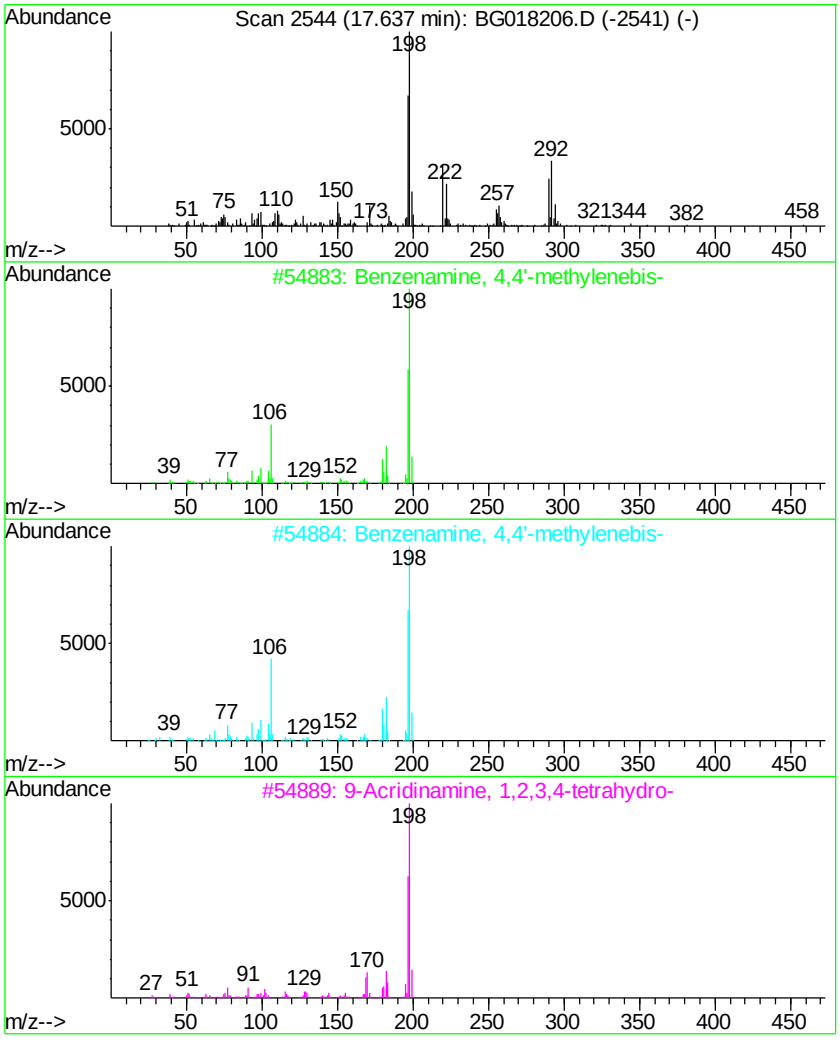
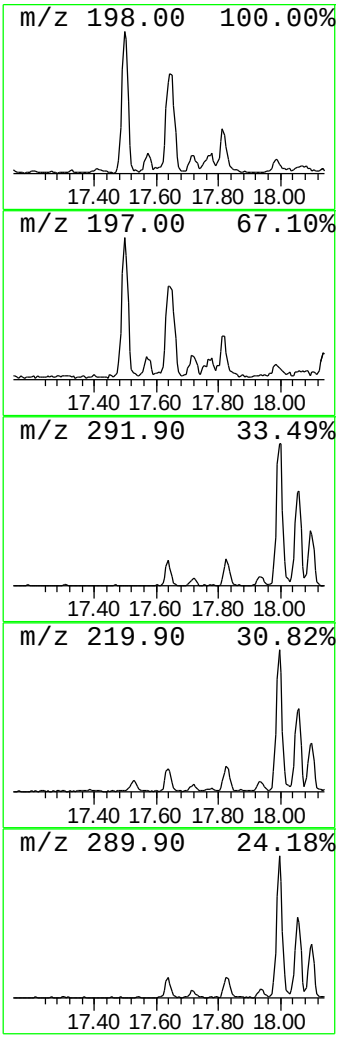
Peak Number 28 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	7.03 ng/ul	273337	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	43
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	38
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	38
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	38
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	38





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Quant Title : SVOA CALIBRATION

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

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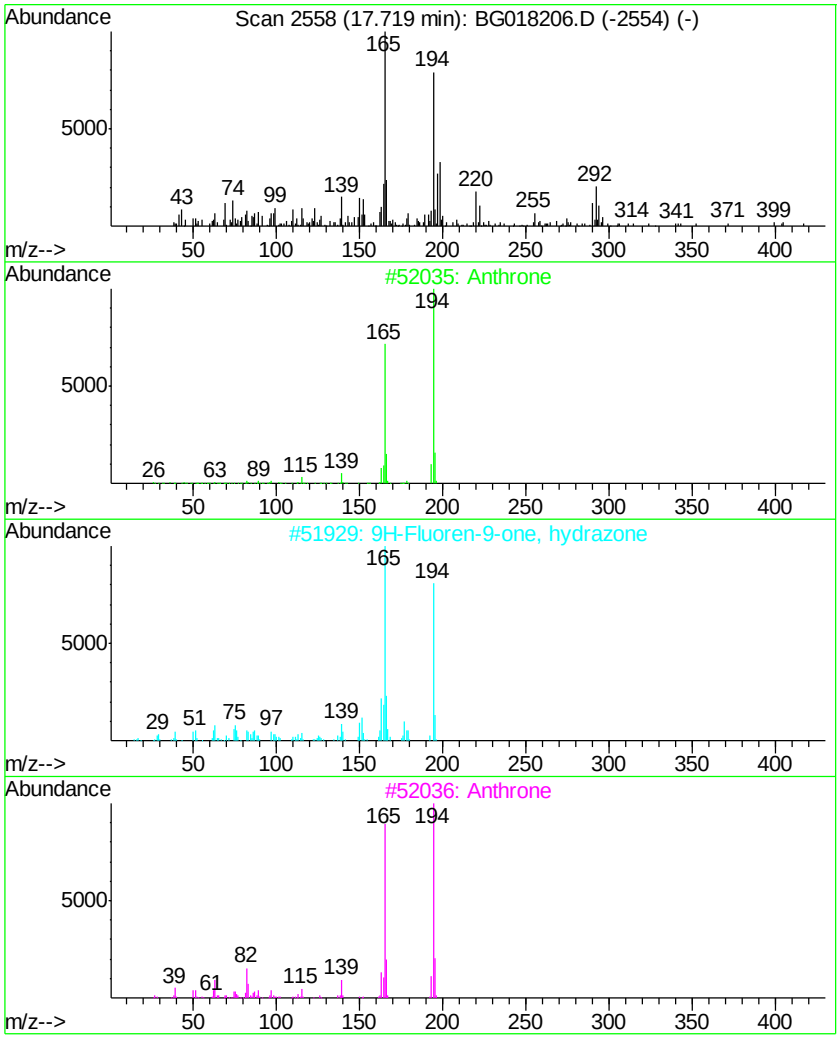
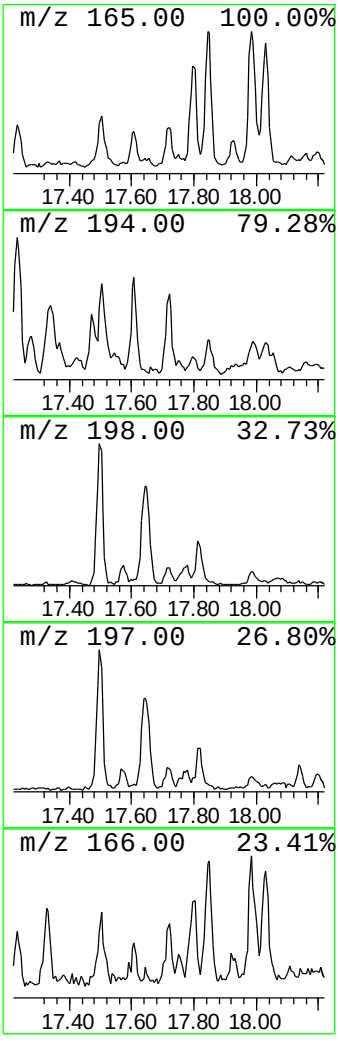
Peak Number 29 9H-Fluoren-9-one, hydrazone Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	3.70 ng/ul	143822	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	60
2	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	58
3	Anthrone	194	C14H10O	000090-44-8	58
4	1-Phenanthrenol	194	C14H10O	002433-56-9	52
5	2-Phenanthrenol	194	C14H10O	000605-55-0	50





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

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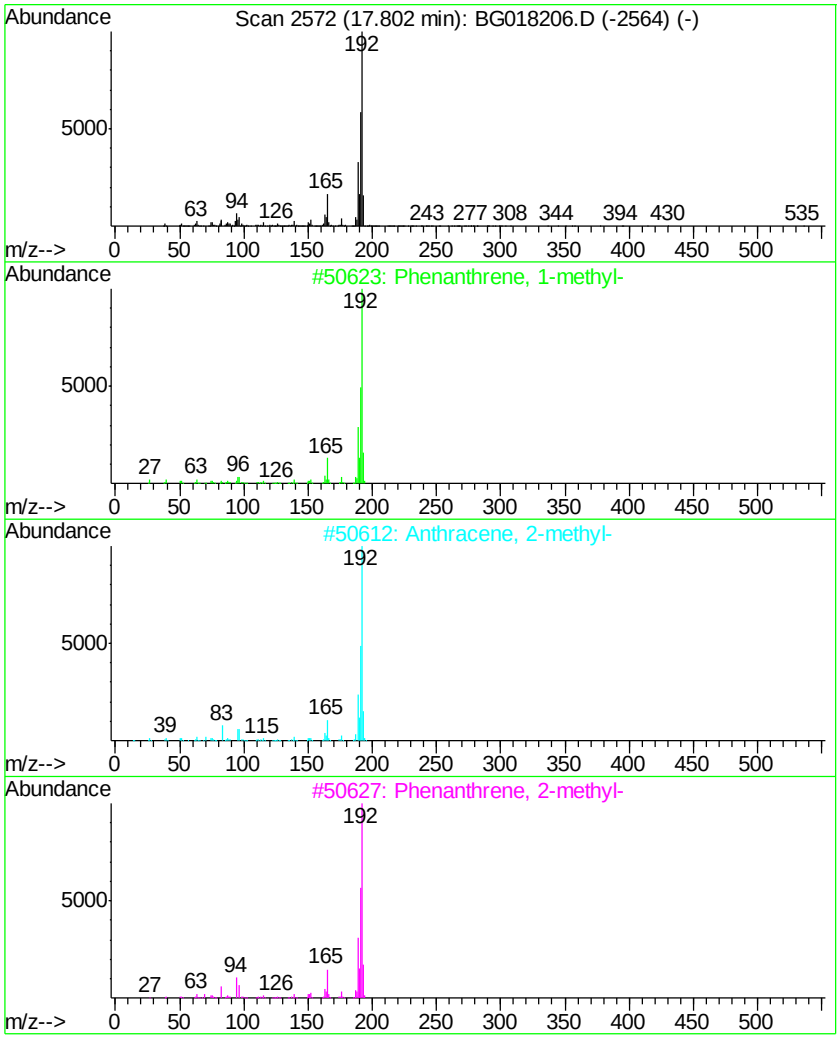
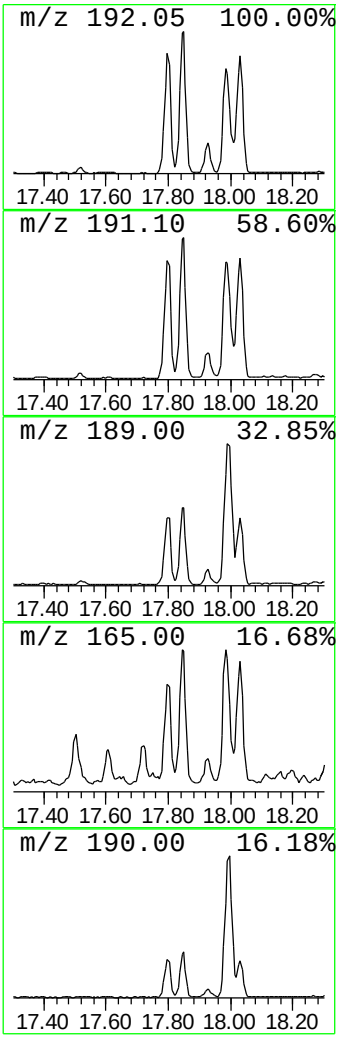
Peak Number 30 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	28.91 ng/ul	1124950	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018206.D
Acq On : 1 Aug 2015 6:23
Operator : TP/UM
Sample : G3065-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G6

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, 2-et...	13.18	3.9	ng/ul	203215	3	14.16	1042850	20.0
Naphthalene, 2,7-...	13.33	13.7	ng/ul	715058	3	14.16	1042850	20.0
Naphthalene, 1,3-...	13.48	22.0	ng/ul	1145140	3	14.16	1042850	20.0
Naphthalene, 2,6-...	13.71	10.4	ng/ul	542447	3	14.16	1042850	20.0
Naphthalene, 1-(1...	14.46	2.2	ng/ul	115849	3	14.16	1042850	20.0
Naphthalene, 1,4,...	14.64	4.2	ng/ul	216158	3	14.16	1042850	20.0
Naphthalene, 2,3,...	14.79	6.3	ng/ul	327288	3	14.16	1042850	20.0
Naphthalene, 1,6,...	14.84	2.7	ng/ul	139673	3	14.16	1042850	20.0
2H-Quinolizine-1-...	15.34	3.2	ng/ul	166361	3	14.16	1042850	20.0
Naphthalene, 1,4,...	15.37	2.2	ng/ul	113527	3	14.16	1042850	20.0
Benzene, [1-(2,4-...	15.43	3.4	ng/ul	178667	3	14.16	1042850	20.0
[1,1'-Biphenyl]-4...	15.51	4.1	ng/ul	212781	3	14.16	1042850	20.0
6H-Dibenzo[b,d]-p...	15.66	4.2	ng/ul	165100	4	16.92	778128	20.0
1(2H)-Acenaphthyl...	15.90	7.3	ng/ul	285565	4	16.92	778128	20.0
9H-Fluorene, 2-me...	16.22	12.6	ng/ul	491837	4	16.92	778128	20.0
9H-Fluorene, 1-me...	16.27	8.4	ng/ul	325791	4	16.92	778128	20.0
9H-Fluorene, 3-me...	16.37	5.5	ng/ul	212567	4	16.92	778128	20.0
Tri(2-chloroethyl...	16.44	8.2	ng/ul	318632	4	16.92	778128	20.0
9H-Fluoren-9-one	16.57	7.1	ng/ul	276738	4	16.92	778128	20.0
2-Propanol, 1-chl...	16.69	5.8	ng/ul	225282	4	16.92	778128	20.0
Dibenzothiophene	16.73	7.0	ng/ul	270324	4	16.92	778128	20.0
1,1'-Biphenyl, 2,...	17.10	11.8	ng/ul	459304	4	16.92	778128	20.0
Benzene, 1-methyl...	17.19	3.1	ng/ul	121861	4	16.92	778128	20.0
Anthrone	17.23	2.8	ng/ul	108298	4	16.92	778128	20.0
1,1'-Biphenyl, 2'...	17.53	22.3	ng/ul	867313	4	16.92	778128	20.0
unknown-01	17.64	7.0	ng/ul	273337	4	16.92	778128	20.0
9H-Fluoren-9-one,...	17.72	3.7	ng/ul	143822	4	16.92	778128	20.0
Phenanthrene, 1-m...	17.80	28.9	ng/ul	1124950	4	16.92	778128	20.0