LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

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-BG122415.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.562	798	804	808	rVV	146032	268282	0.65%	0.162%
2	7.609	808	812	820	rVV	114078	188957	0.46%	0.114%
3	7.721	824	831	838	rVV2	179164	322137	0.78%	0.195%
4	7.797	838	844	857	rVB	217719	378137	0.92%	0.229%
5	8.079	883	892	904	rVV	292428	504364	1.23%	0.305%
6	8.455	947	956	962	rBV	607384	1048913	2.55%	0.635%
7	8.631	977	986	994	rVV	2214296	4152506	10.11%	2.512%
8	8.937	1029	1038	1047	rVB2	154011	340628	0.83%	0.206%
9	9.254	1085	1092	1098	rVV2	150395	324452	0.79%	0.196%
10	9.442	1116	1124	1130	rBV	109632	186591	0.45%	0.113%
11	9.566	1138	1145	1151	rVV	273097	626854	1.53%	0.379%
12	9.983	1209	1216	1224	rBV	105416	228142	0.56%	0.138%
13	10.071	1224	1231	1240	rBV	184607	585751	1.43%	0.354%
14	10.294	1258	1269	1270	rBV3	177034	322951	0.79%	0.195%
15	10.323	1270	1274	1280	rVV3	234458	556115	1.35%	0.336%
16	10.406	1280	1288	1300	rVB3	273909	793878	1.93%	0.480%
17	10.529	1300	1309	1326	rBV3	218947	608464	1.48%	0.368%
18	11.058	1365	1399	1403	rBV	7722416	41056353	100.00%	24.837%
19	11.123	1403	1410	1419	rVV	1825355	2984291	7.27%	1.805%
20	11.428	1456	1462	1467	rBV	107732	181039	0.44%	0.110%
21	11.645	1492	1499	1507	rBV3	107792	218968	0.53%	0.132%
22	11.728	1507	1513	1523	rVV2	228158	412002	1.00%	0.249%
23	11.922	1537	1546	1550	rBV	96258	187851	0.46%	0.114%
24	11.975	1550	1555	1570	rVV2	130518	336467	0.82%	0.204%
25	12.292	1603	1609	1615	rVV3	143809	288622	0.70%	0.175%
26	12.403	1619	1628	1632	rVV	246427	523161	1.27%	0.316%
27	12.445	1632	1635	1646	rVV2	181826	354958	0.86%	0.215%
28	12.580	1646	1658	1663	rVV	4164351	9028277	21.99%	5.462%
29	12.674	1666	1674	1680	rVV2	229853	527788	1.29%	0.319%
30	12.791	1680	1694	1700	rVV	2791818	5593052	13.62%	3.383%
31	12.932	1710	1718	1728	rVV3	101678	299860	0.73%	0.181%
32	13.191	1756	1762	1770	rVV4	163287	411355	1.00%	0.249%
33	13.555	1811	1824	1832	rBV	1424034	2582326	6.29%	1.562%
34	13.655	1832	1841	1846	rBV	152262	292078	0.71%	0.177%

LSC Area Percent Report

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Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

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-BG122415.M
Title : SVOA CALIBRATION

35	13.743	1851	1856	1868	rVB2	264619	618668	1.51%	0.374%
36	14.037	1900	1906	1911	rVV	523875	1010778	2.46%	0.611%
37	14.090	1911	1915	1918	rVV	343113	554605	1.35%	0.336%
38	14.125	1918	1921	1926	rVV	355609	504427	1.23%	0.305%
39	14.272	1941	1946	1949	rVV	209019	329296	0.80%	0.199%
40	14.413	1963	1970	1971	rBV	434813	640067	1.56%	0.387%
41	14.436	1972	1974	1983	rVB2	622515	889744	2.17%	0.538%
42	14.718	2008	2022	2028	rVV4	673106	1782737	4.34%	1.078%
43	14.812	2028	2038	2042	rVV	4772968	10409503	25.35%	6.297%
44	14.871	2042	2048	2052	rVV	1600582	2831361	6.90%	1.713%
45	14.906	2052	2054	2063	rVV3	213352	386609	0.94%	0.234%
46	15.000	2063	2070	2079	rVV3	661676	1627097	3.96%	0.984%
47	15.136	2084	2093	2100	rVV2	3356178	7146566	17.41%	4.323%
48	15.711	2185	2191	2195	rVV	528762	893811	2.18%	0.541%
49	15.782	2195	2203	2208	rVV	3298378	5938384	14.46%	3.592%
50	15.846	2208	2214	2217	rVV3	214329	410466	1.00%	0.248%
51	15.893	2217	2222	2231	rVV5	590735	1767035	4.30%	1.069%
52	15.982	2231	2237	2246	rVV5	378124	1298058	3.16%	0.785%
53	16.052	2246	2249	2259	rVV2	238845	411015	1.00%	0.249%
54	16.134	2259	2263	2267	rVV	121516	218329	0.53%	0.132%
55	16.193	2267	2273	2285	rVB4	376191	997299	2.43%	0.603%
56	16.446	2309	2316	2325	rVB5	128012	287629	0.70%	0.174%
57	16.552	2325	2334	2340	rBV	295755	463287	1.13%	0.280%
58	16.640	2340	2349	2356	rBV2	492799	924631	2.25%	0.559%
59	16.722	2356	2363	2367	rBV	629949	1069117	2.60%	0.647%
60	16.763	2367	2370	2374	rVV3	200117	286322	0.70%	0.173%
61	16.816	2374	2379	2384	rVB2	173553	295870	0.72%	0.179%
62	17.251	2448	2453	2455	rBV	398207	589538	1.44%	0.357%
63	17.280	2455	2458	2466	rVB	435019	630029	1.53%	0.381%
64	17.351	2466	2470	2473	rBV	181228	249819	0.61%	0.151%
65	17.409	2477	2480	2483	rVB	225979	270026	0.66%	0.163%
66	17.462	2483	2489	2493	rBV2	716319	1578596	3.84%	0.955%
67	17.527	2493	2500	2504	rVB2	3879571	7344943	17.89%	4.443%
68	17.574	2504	2508	2511	rBV	856350	1185716	2.89%	0.717%
69	17.638	2517	2519	2533	rVB3	152220	345759	0.84%	0.209%
70	17.903	2548	2564	2569	rVV	3620945	9213782	22.44%	5.574%
71	17.967	2569	2575	2581	rVV3	718861	1524894	3.71%	0.922%

LSC Area Percent Report

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Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

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-BG122415.M
Title : SVOA CALIBRATION

72	18.032	2581	2586	2593	rVB	1002881	1587702	3.87%	0.960%
73	18.108	2593	2599	2605	rBV2	325014	747470	1.82%	0.452%
74	18.161	2605	2608	2612	rVB	180623	217749	0.53%	0.132%
75	18.214	2612	2617	2621	rBV2	163510	260675	0.63%	0.158%
76	18.302	2627	2632	2636	rBV	495126	769181	1.87%	0.465%
77	18.391	2642	2647	2654	rBV3	1219079	2016972	4.91%	1.220%
78	18.461	2654	2659	2665	rBV	692281	1089377	2.65%	0.659%
79	18.537	2665	2672	2680	rVB4	446840	854957	2.08%	0.517%
80	18.620	2680	2686	2687	rBV	379451	553130	1.35%	0.335%
81	18.684	2694	2697	2700	rBV	259497	300849	0.73%	0.182%
82	18.714	2700	2702	2707	rVB	151593	177290	0.43%	0.107%
83	18.778	2707	2713	2717	rBV2	474166	714927	1.74%	0.432%
84	18.825	2717	2721	2726	rVB2	366419	518526	1.26%	0.314%
85	18.884	2726	2731	2734	rBV2	176666	271669	0.66%	0.164%
86	18.913	2734	2736	2744	rVB5	123454	186216	0.45%	0.113%
87	19.043	2753	2758	2762	rBV2	133291	217861	0.53%	0.132%
88	19.137	2770	2774	2780	rVV6	118133	218458	0.53%	0.132%
89	19.513	2831	2838	2843	rVB	744949	1108161	2.70%	0.670%
90	19.707	2865	2871	2876	rBV4	114996	231492	0.56%	0.140%
91	19.848	2888	2895	2897	rVV	758872	1280349	3.12%	0.775%
92	19.877	2897	2900	2914	rVB2	625504	990958	2.41%	0.599%
93	20.247	2958	2963	2969	rBV	388879	534509	1.30%	0.323%
94	20.341	2969	2979	2987	rBV	588913	1296648	3.16%	0.784%
95	20.935	3074	3080	3084	rBV	114926	211315	0.51%	0.128%
96	20.982	3084	3088	3096	rVB	201500	336525	0.82%	0.204%
97	21.740	3209	3217	3232	rVB	1143255	2056988	5.01%	1.244%
98	22.380	3318	3326	3334	rBV	88520	210029	0.51%	0.127%
99	24.783	3721	3735	3757	rBV	345920	1037290	2.53%	0.628%
100	25.012	3760	3774	3795	rBV2	509275	1666153	4.06%	1.008%

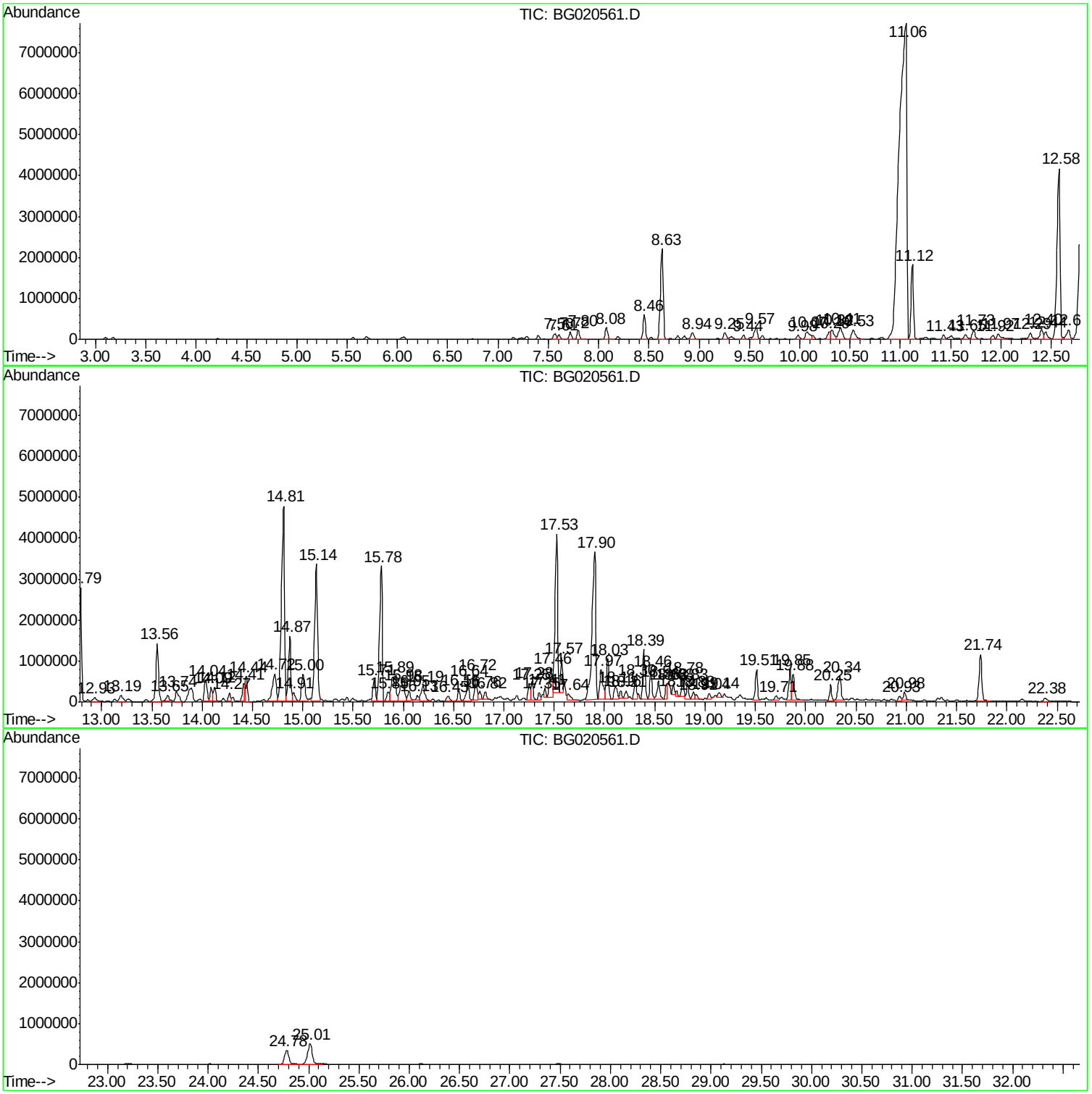
Sum of corrected areas: 165304809

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
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Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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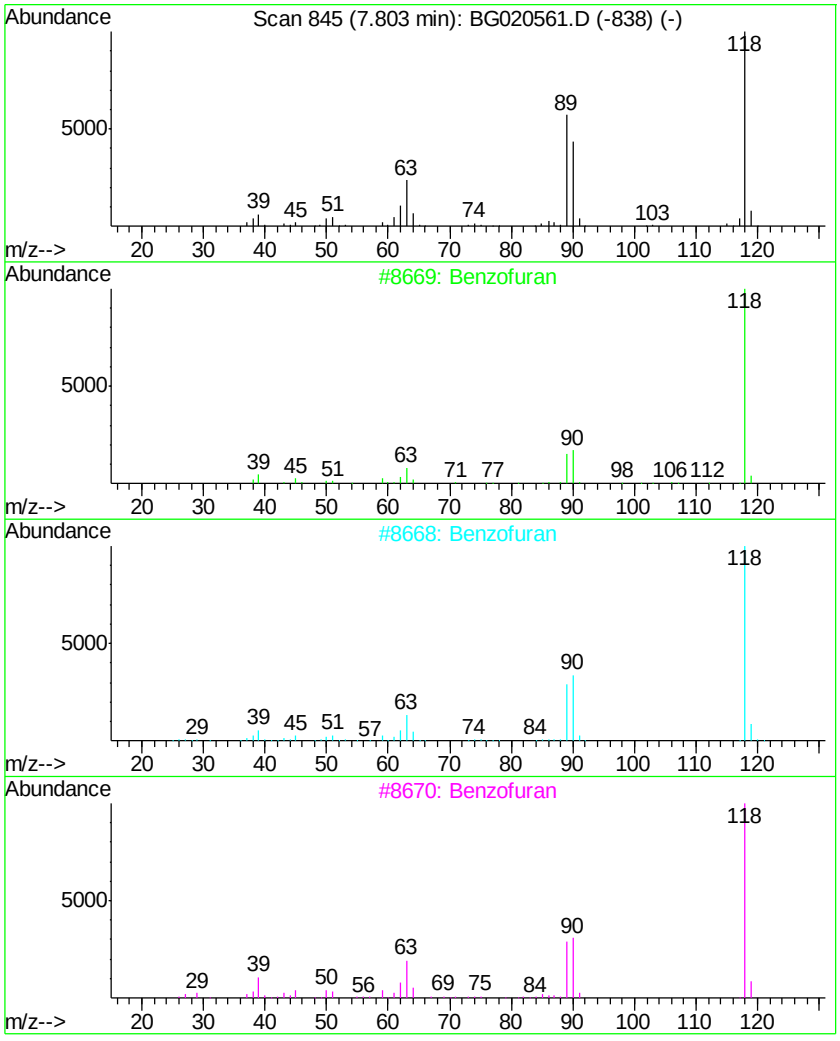
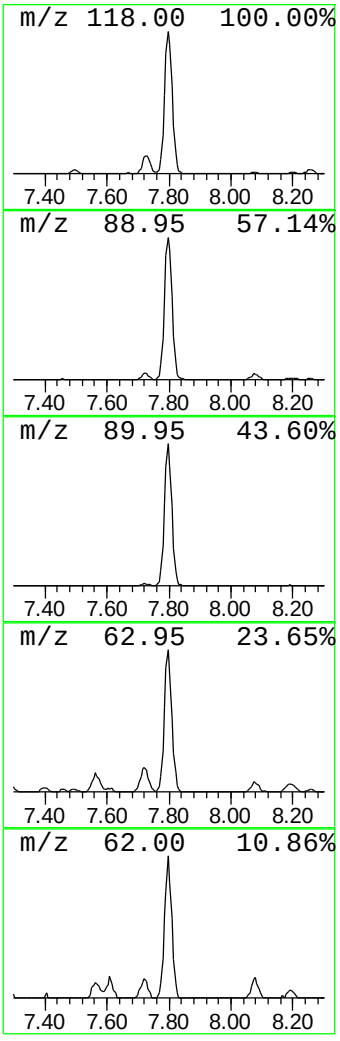
Peak Number 2 Benzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	14.99 ng/ul	378137	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	90
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Benzofuran	118	C8H6O	000271-89-6	81
4	1H-Benzimidazole	118	C7H6N2	000051-17-2	50
5	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

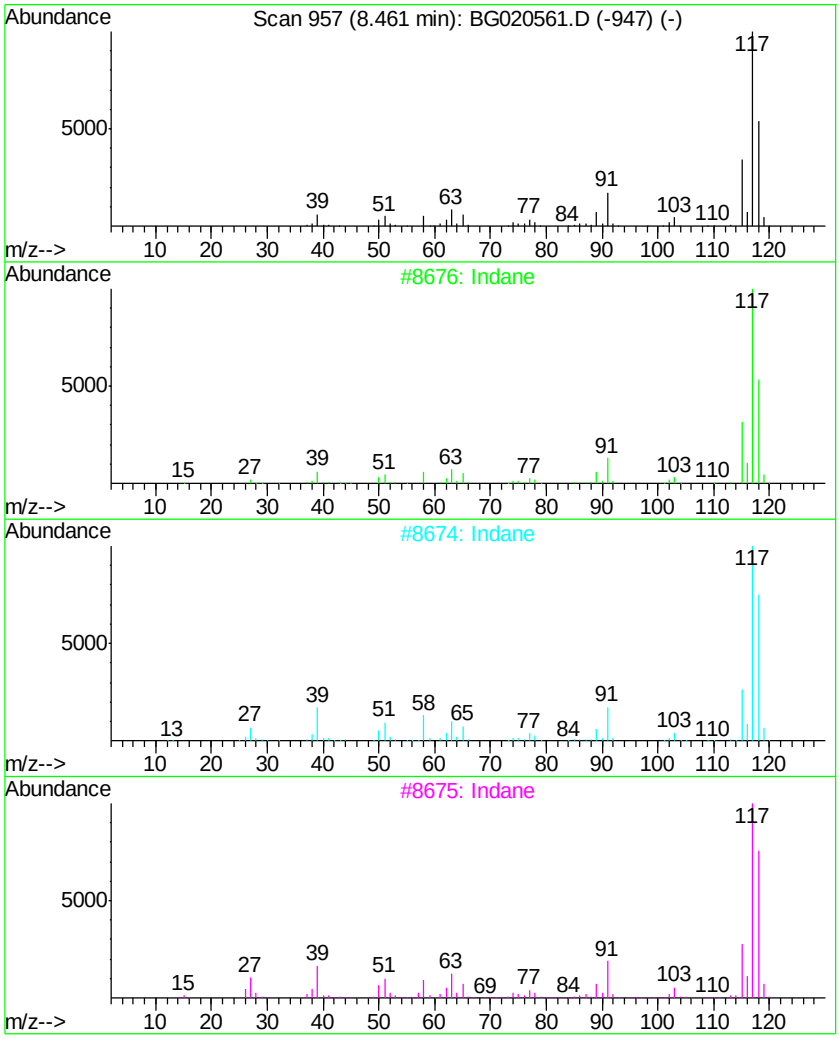
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

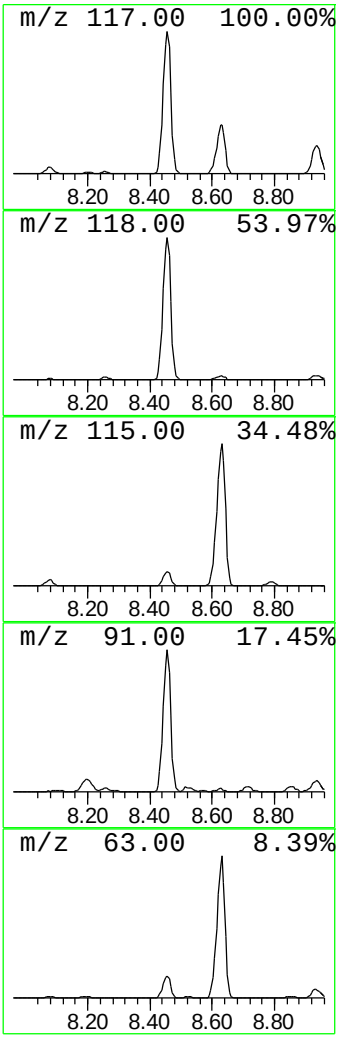
****

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	41.59 ng/ul	1048910	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	87
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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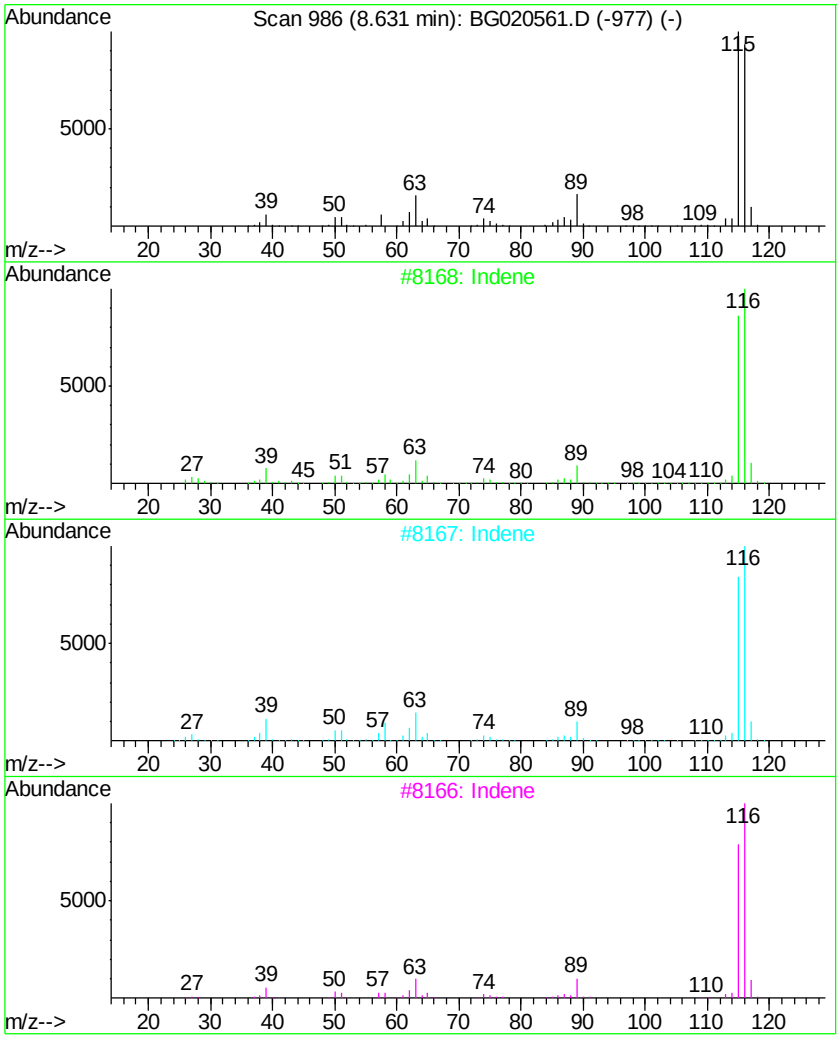
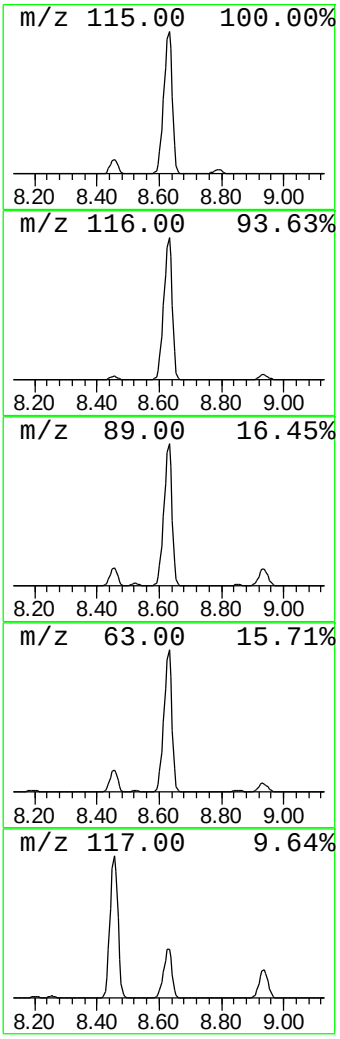
Peak Number 4 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	164.66 ng/ul	4152510	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	94
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

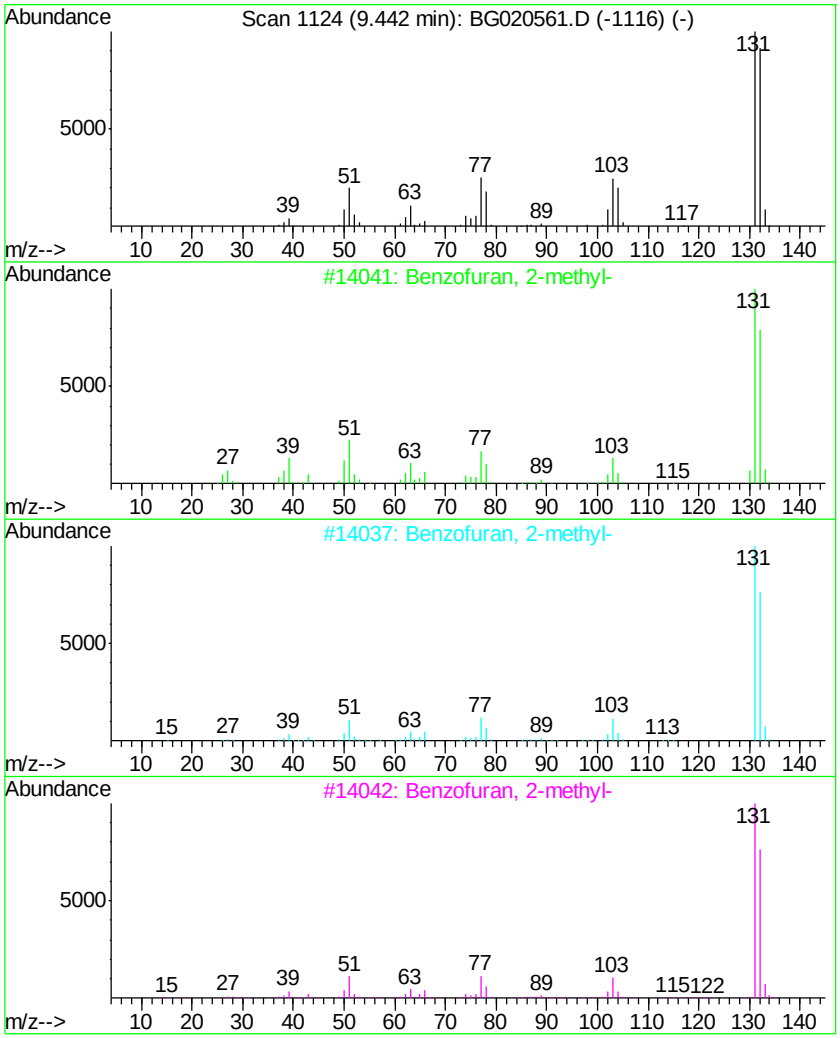
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

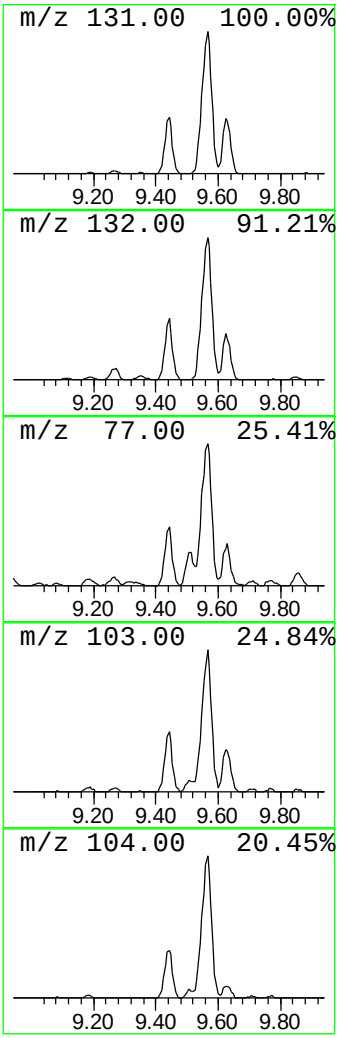
****

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	7.40 ng/ul	186591	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	1H-Indenol	132	C9H8O	056631-57-3	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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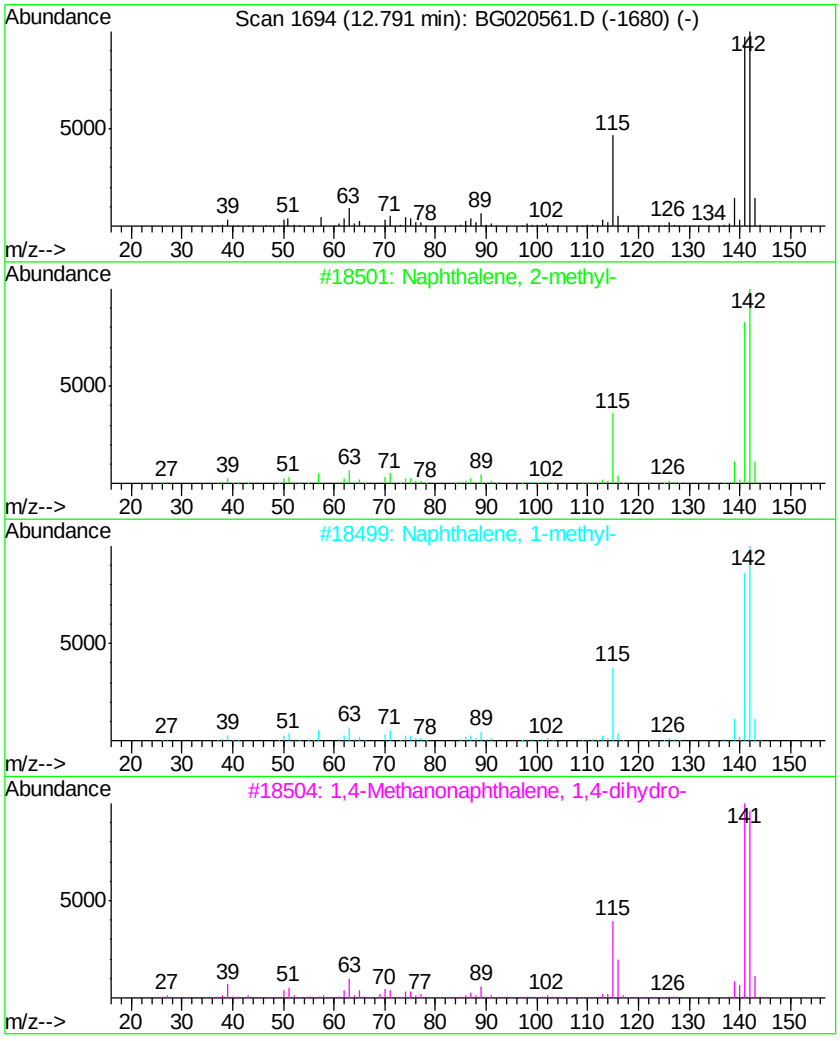
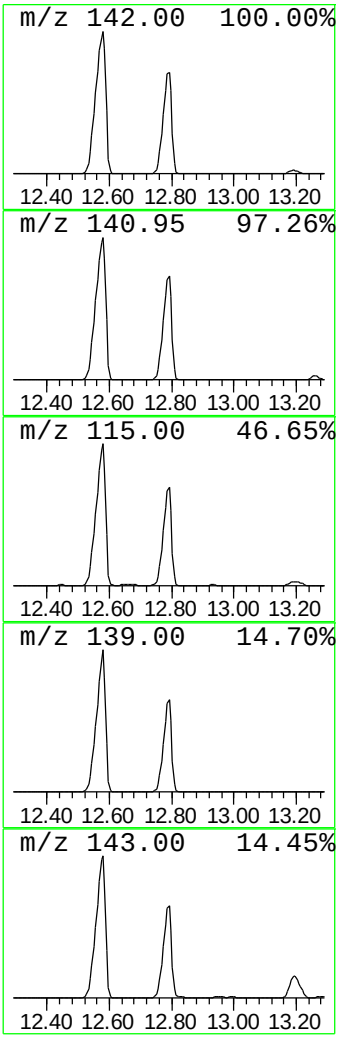
Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.72 ng/ul	5593050	Naphthalene-d8	10.96

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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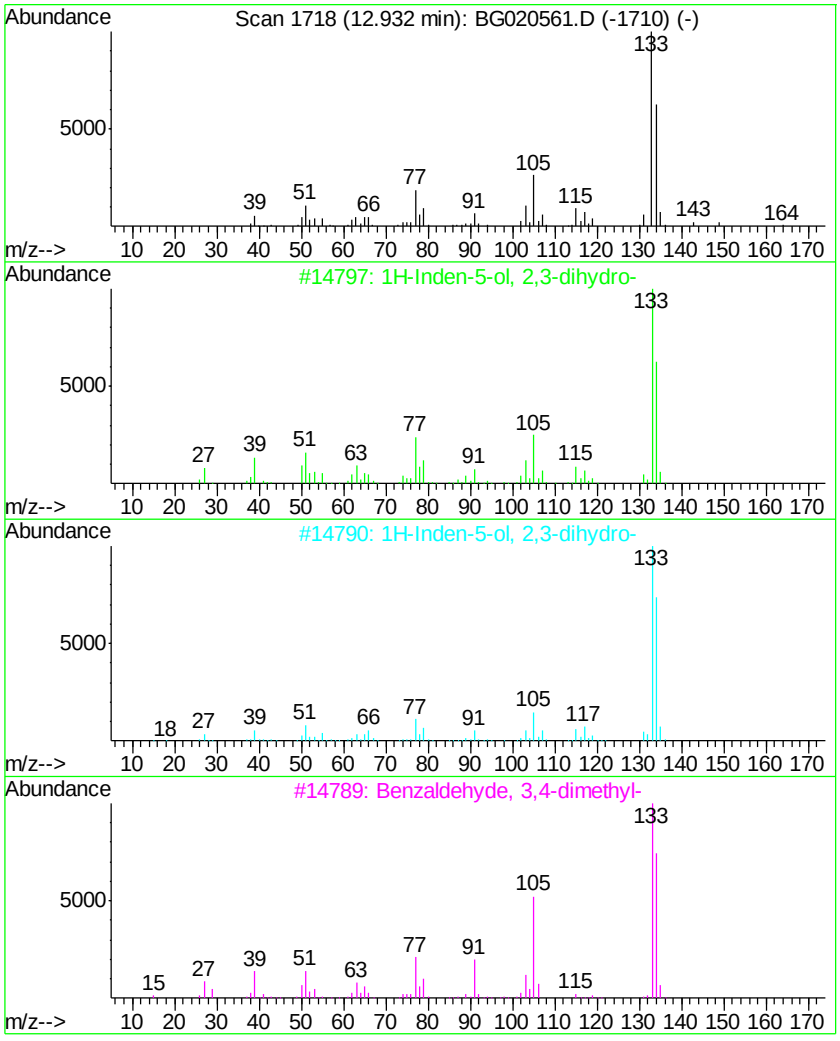
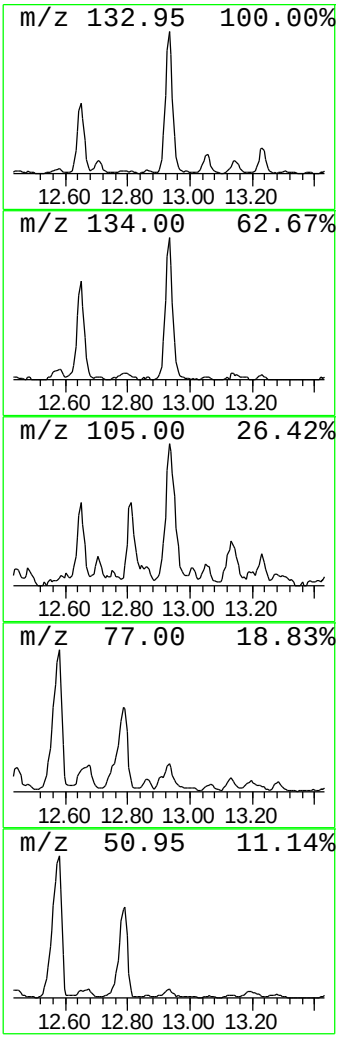
Peak Number 7 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	3.36 ng/ul	299860	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	93
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	90
3	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	64
4	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	64
5	Benzaldehyde, 2,4-dimethyl-	134	C9H10O	015764-16-6	64





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Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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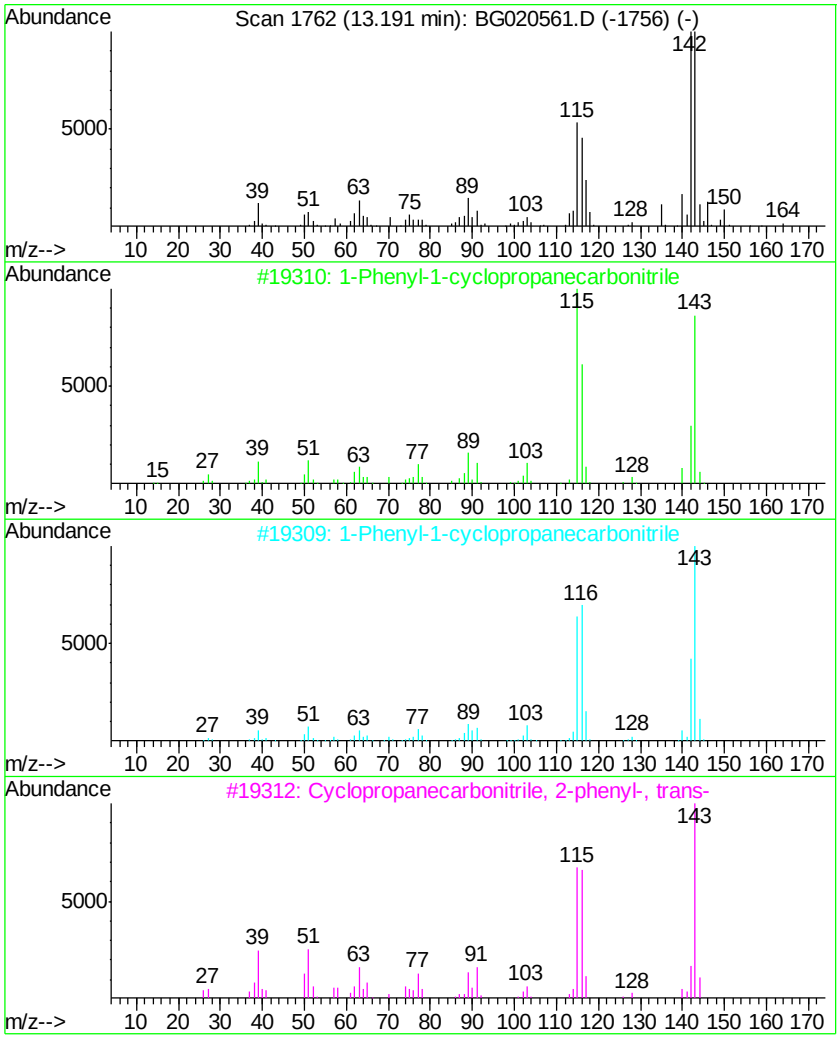
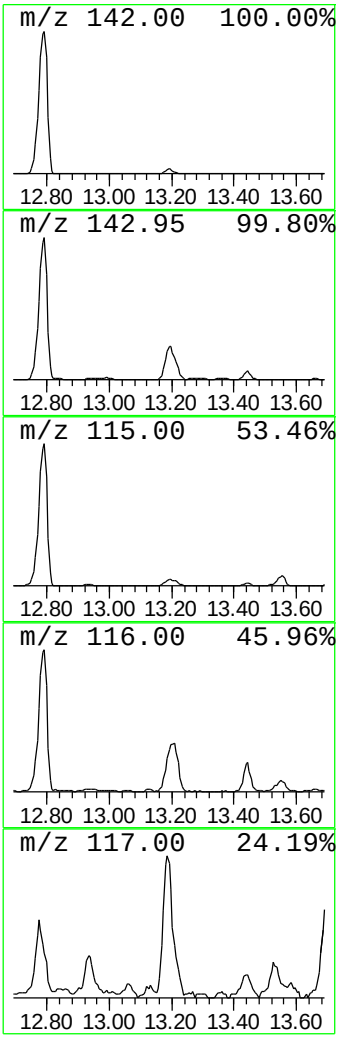
Peak Number 8 1-Phenyl-1-cyclopropanecarb... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	4.61 ng/ul	411355	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-cyclopropanecarbonitrile	143	C10H9N	000935-44-4	64
2	1-Phenyl-1-cyclopropanecarbonitrile	143	C10H9N	000935-44-4	64
3	Cyclopropanecarbonitrile, 2-phen...	143	C10H9N	005590-14-7	60
4	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	58
5	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	58





Library Search Compound Report

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Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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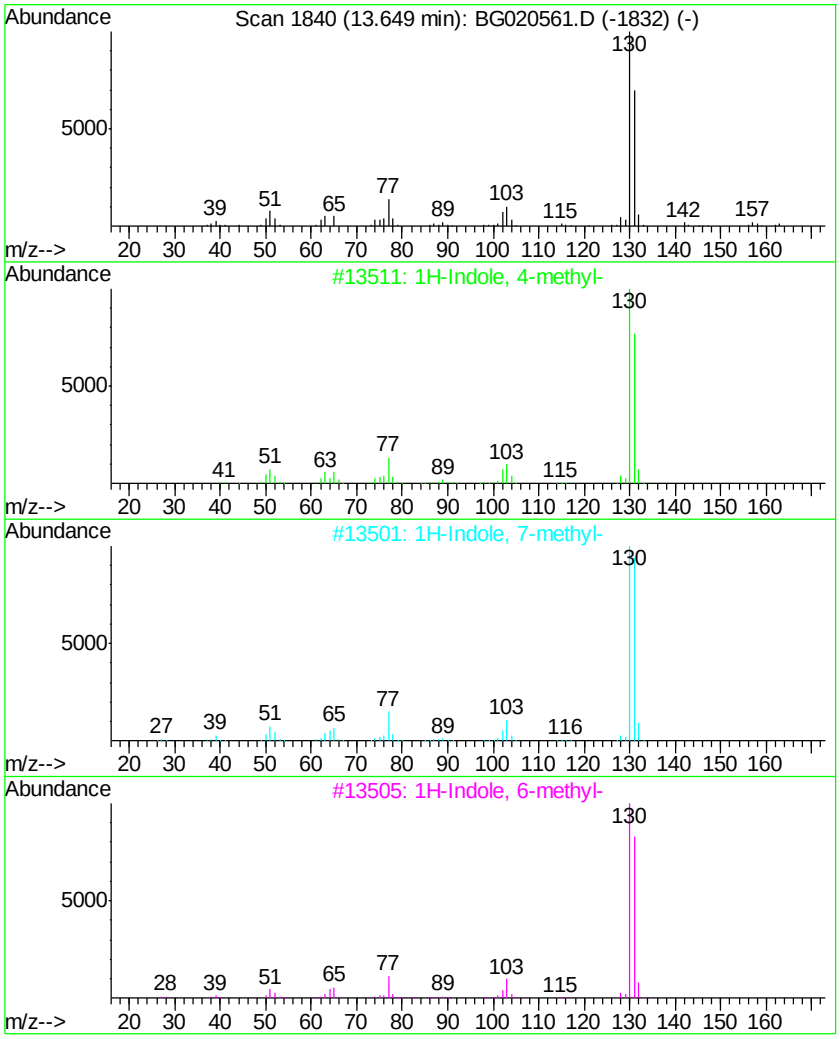
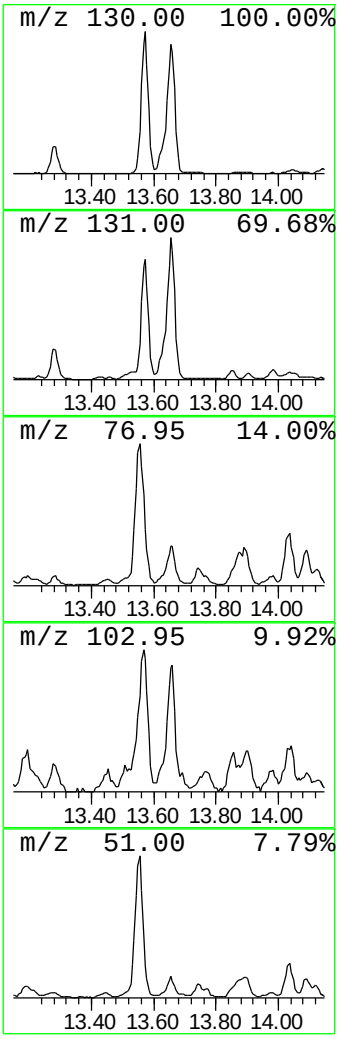
Peak Number 9 1H-Indole, 4-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.28 ng/ul	292078	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	97
2	1H-Indole, 7-methyl-	131	C9H9N	000933-67-5	97
3	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	94
4	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	94
5	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	94





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Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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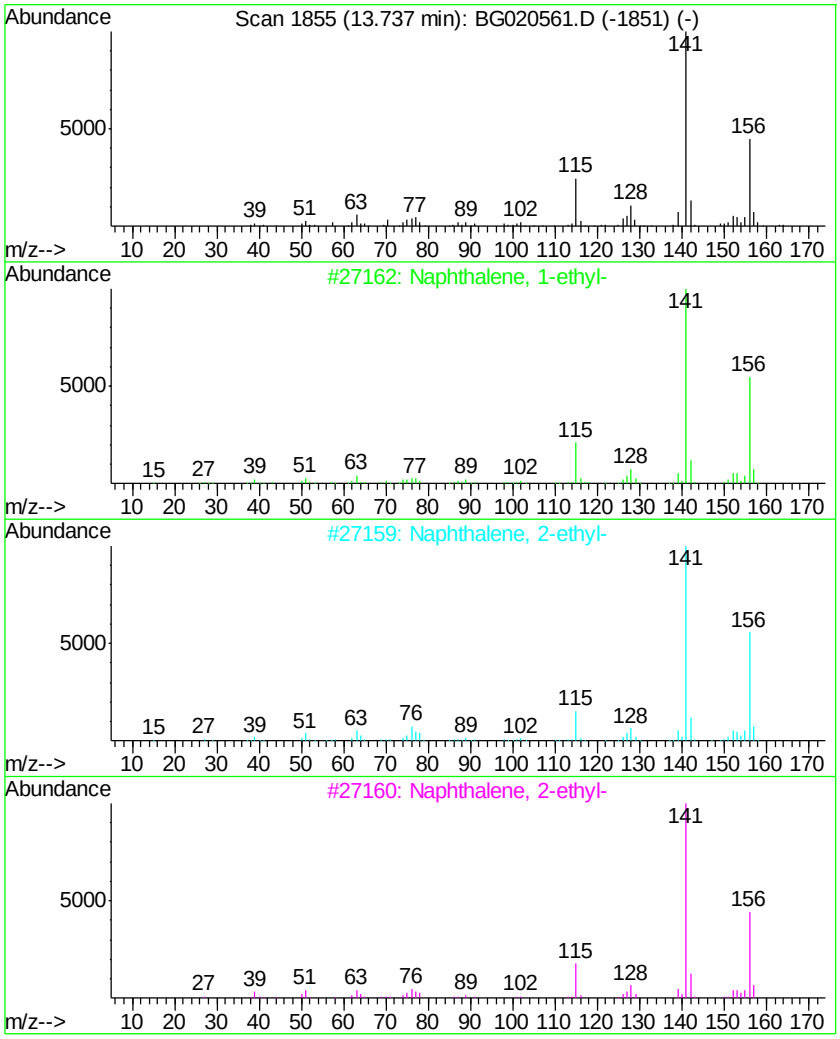
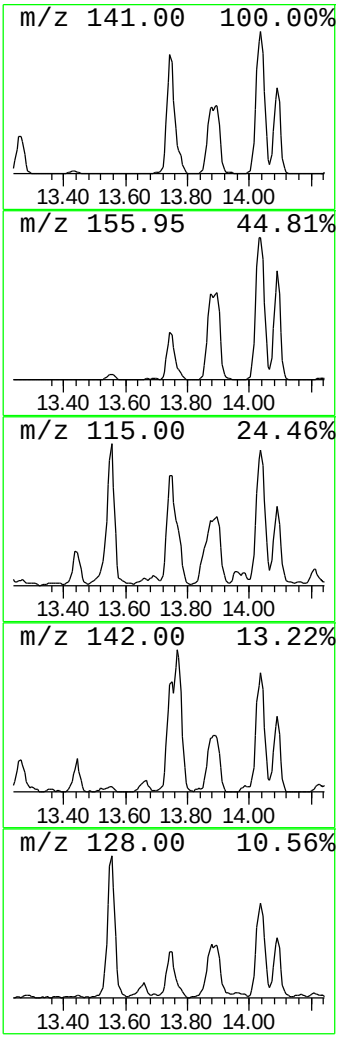
Peak Number 10 Naphthalene, 1-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	6.94 ng/ul	618668	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





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Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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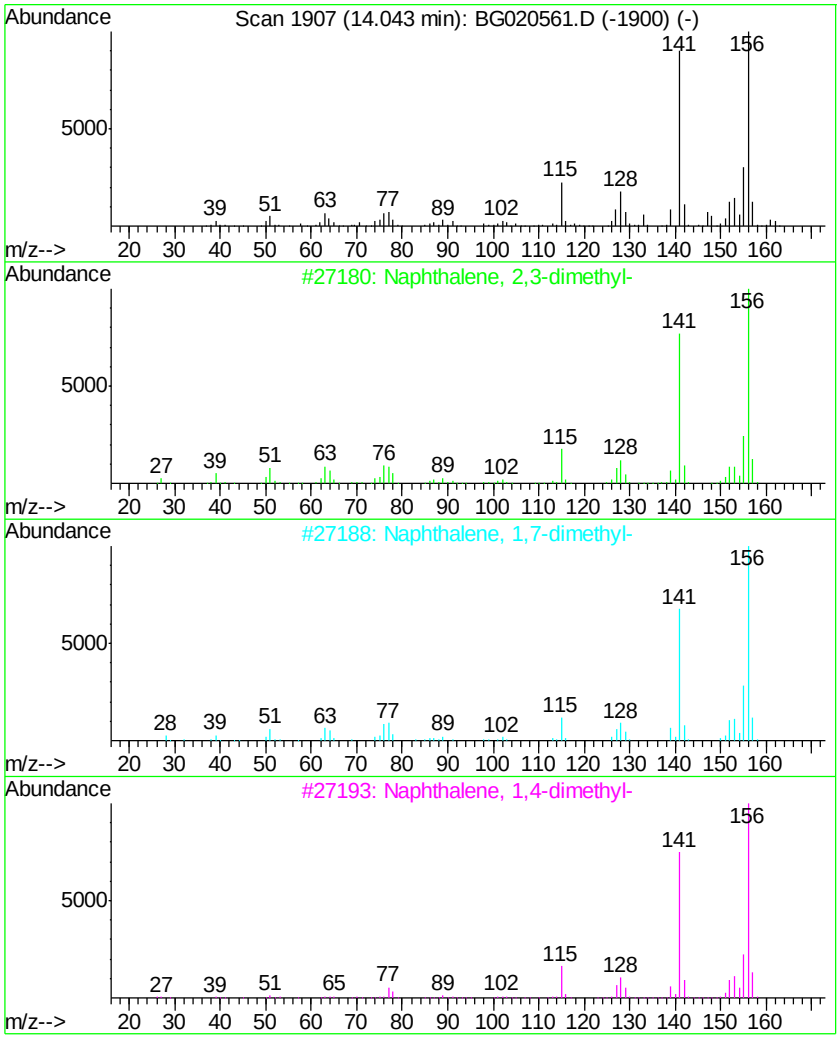
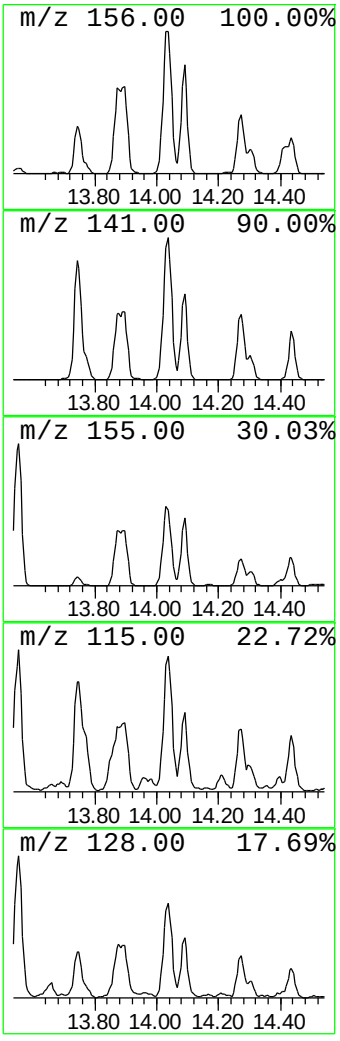
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	11.34 ng/ul	1010780	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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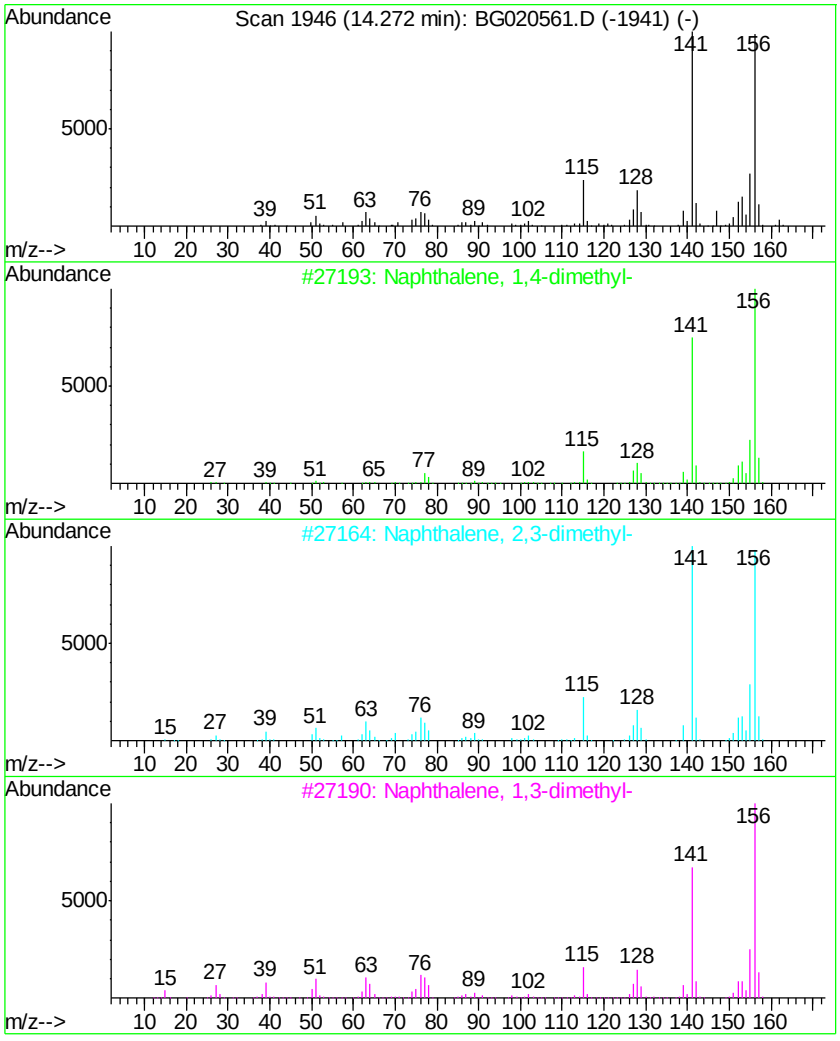
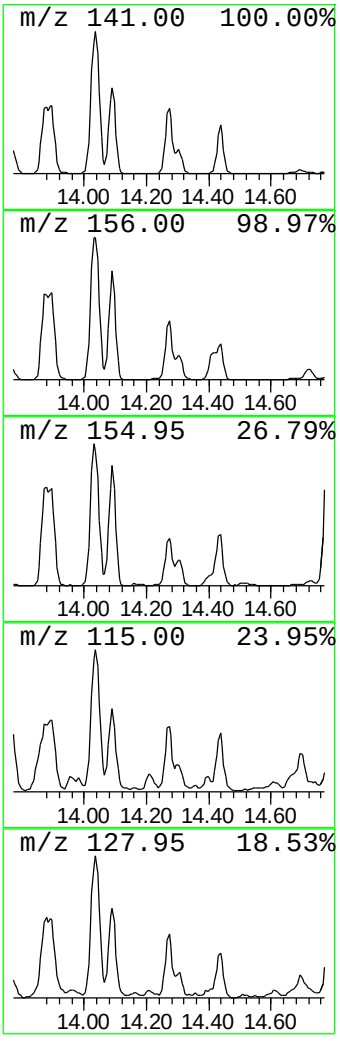
Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	3.69 ng/ul	329296	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

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Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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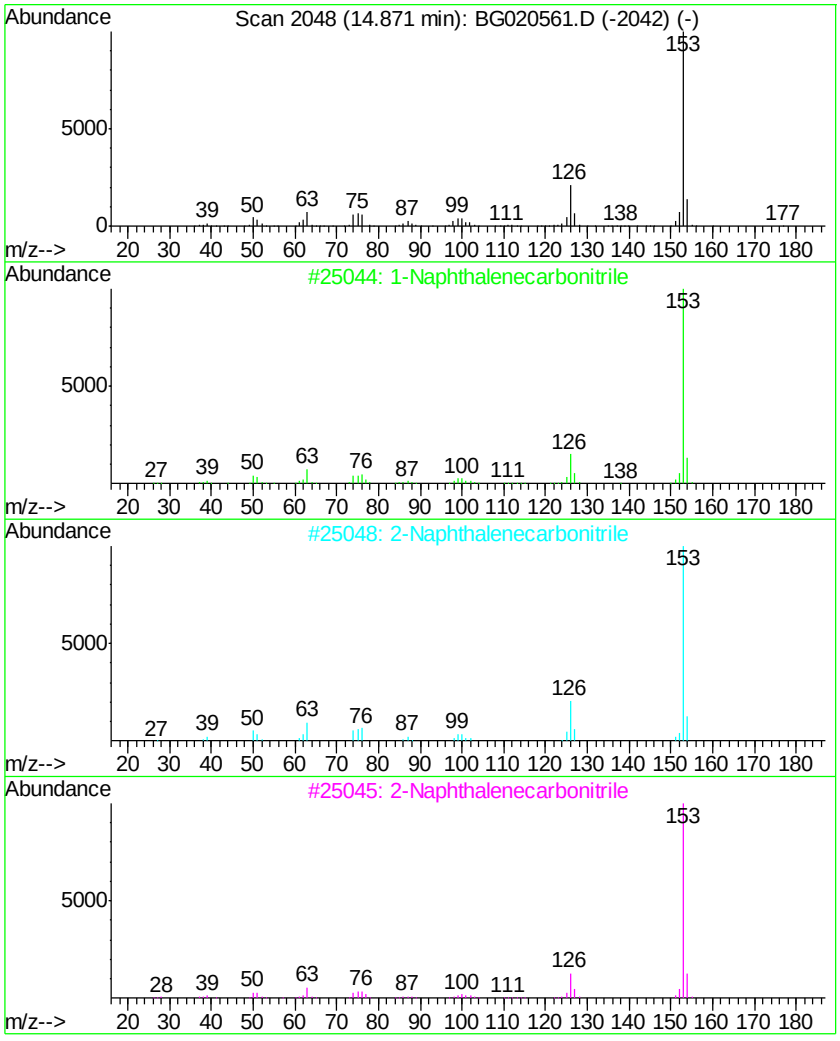
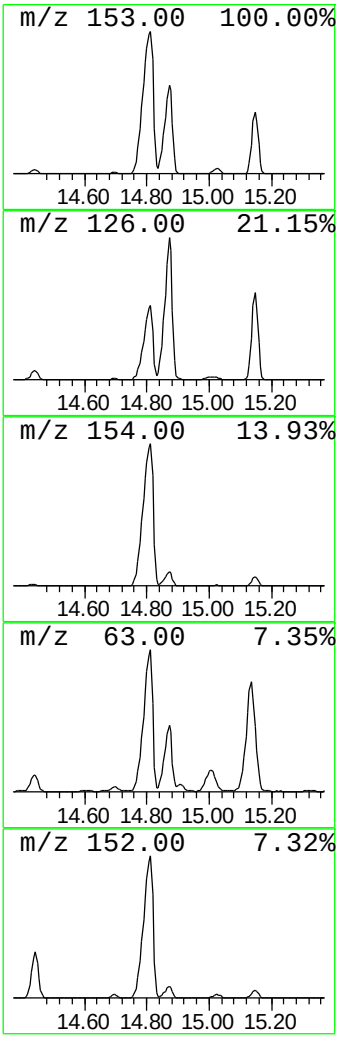
Peak Number 13 1-Naphthalenecarbonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	31.76 ng/ul	2831360	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90





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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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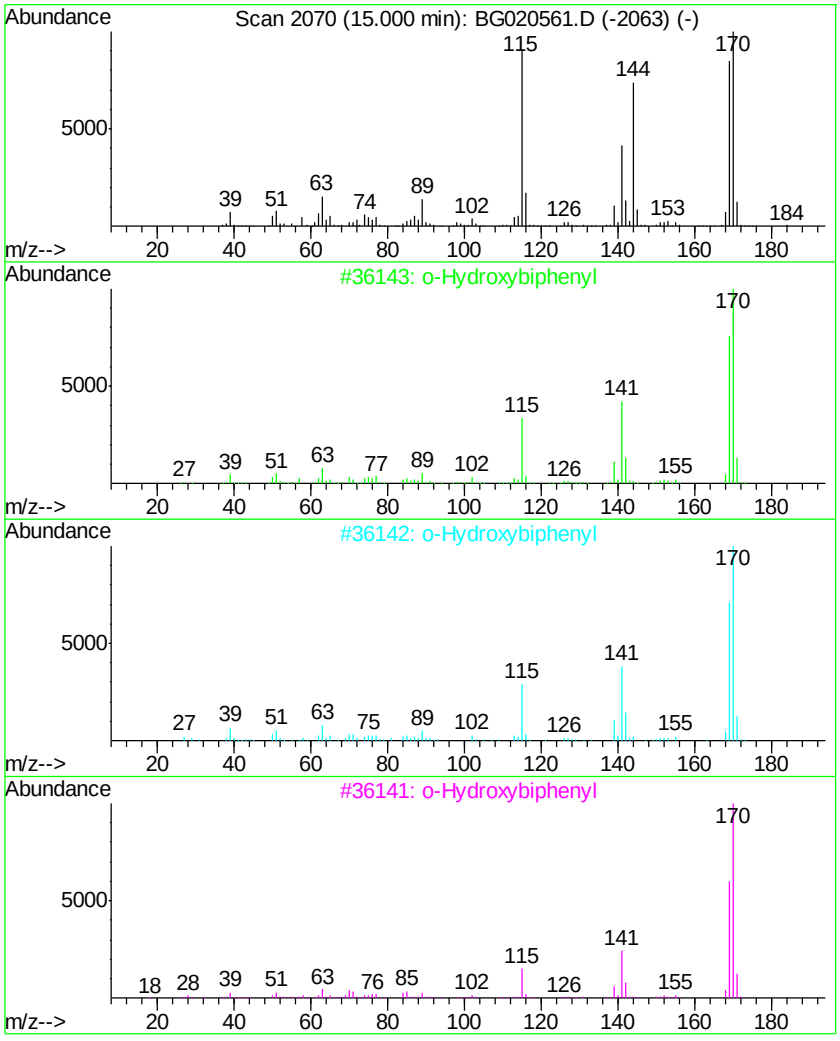
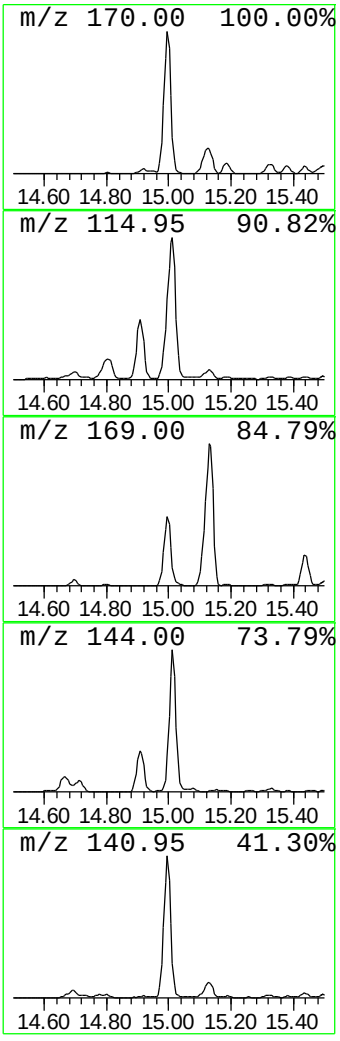
Peak Number 14 o-Hydroxybiphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	18.25 ng/ul	1627100	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	90
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	60
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	49
4	1-Naphthalenol	144	C10H8O	000090-15-3	42
5	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	42





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Sample : G4846-08
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Instrument : BNA_G
ClientSampleId : D9N54

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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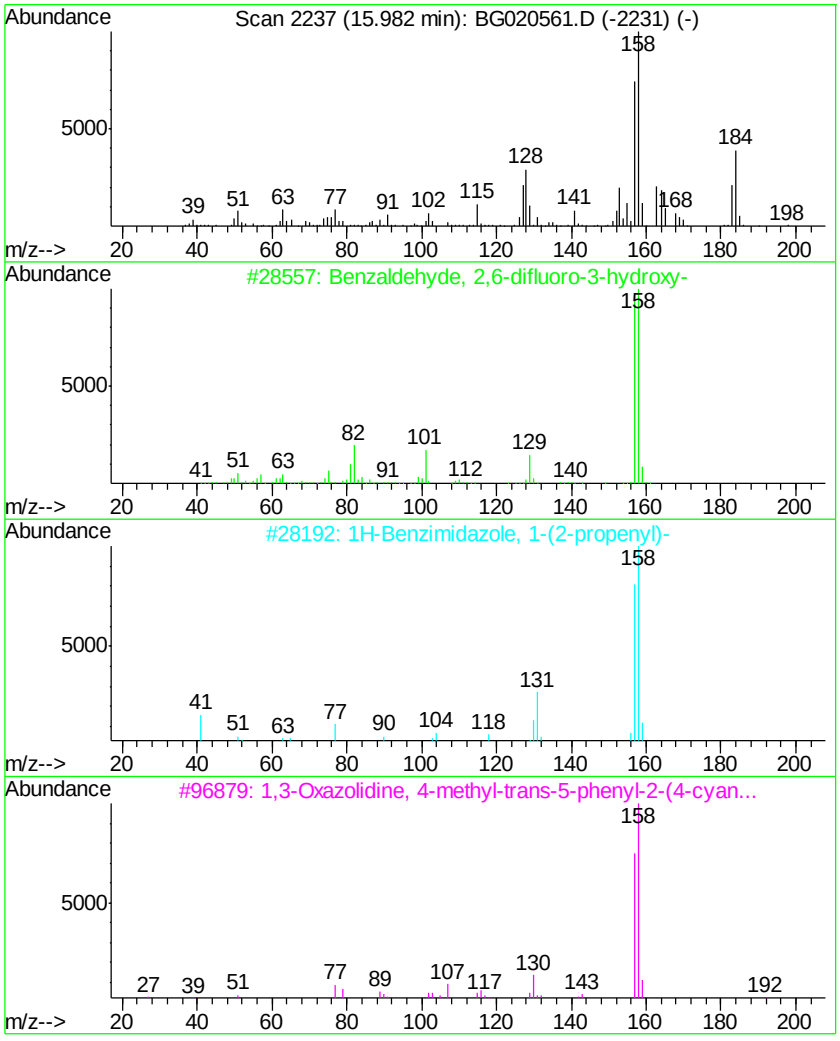
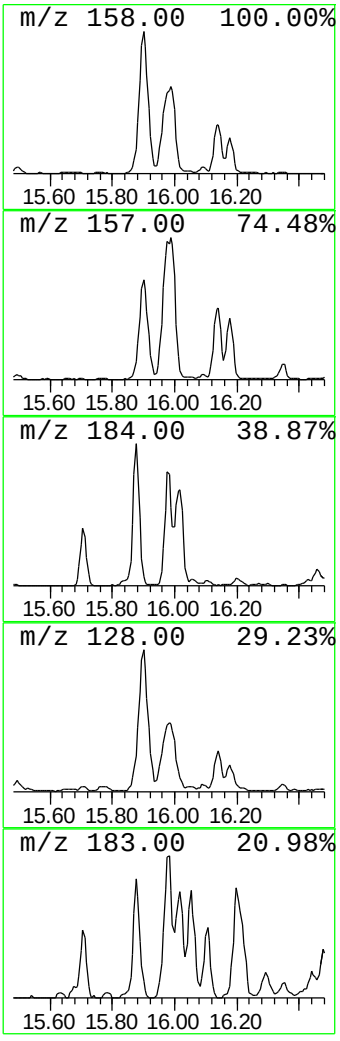
Peak Number 15 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	14.56 ng/ul	1298060	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2,6-difluoro-3-hyd...	158	C7H4F2O2	152434-88-3	38
2	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	38
3	1,3-Oxazolidine, 4-methyl-trans-...	264	C17H16N2O	1000138-86-9	32
4	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	22
5	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	22





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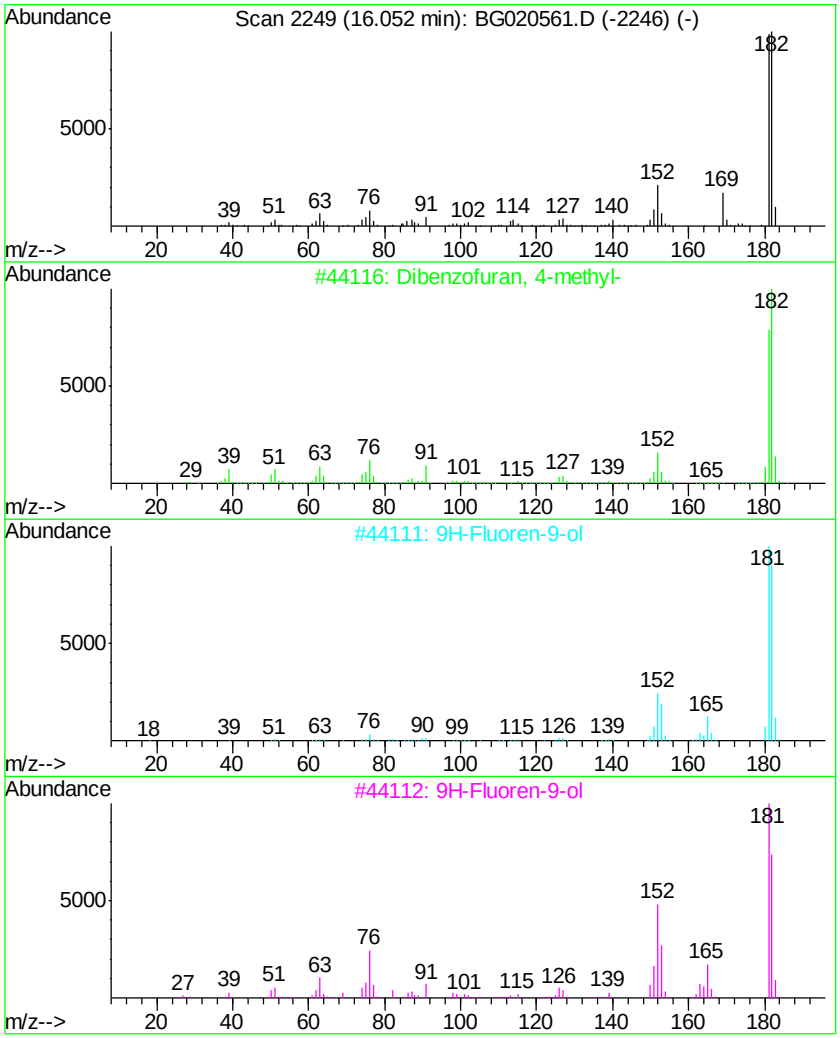
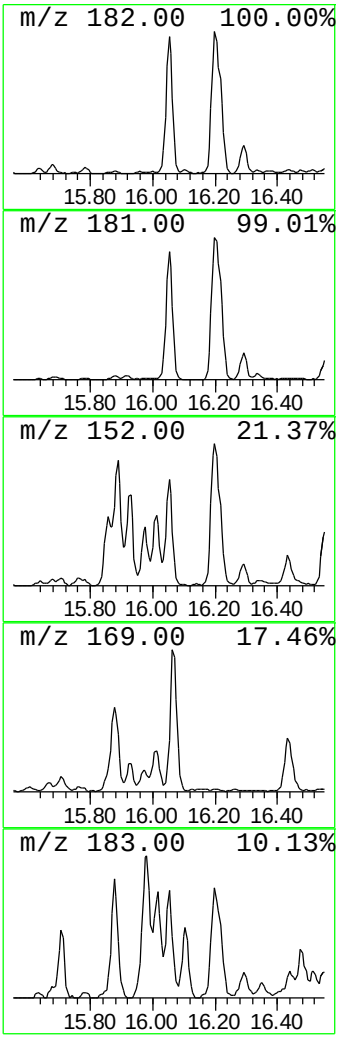
Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	4.61 ng/ul	411015	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64





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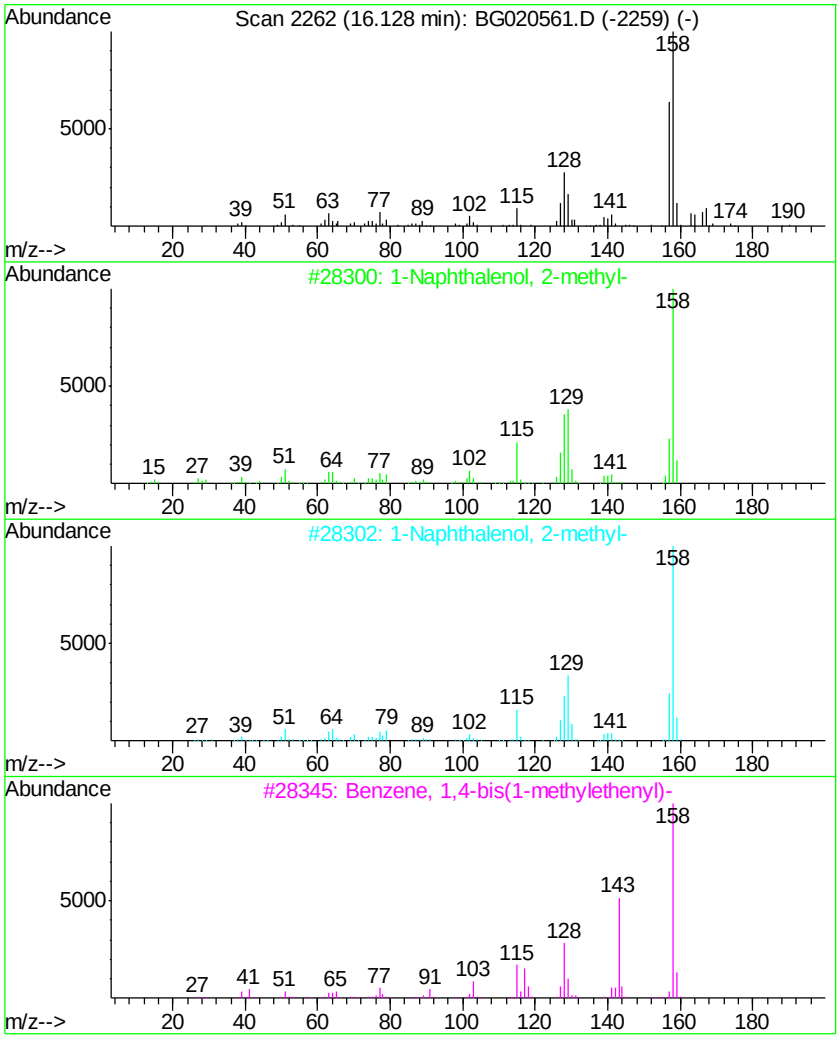
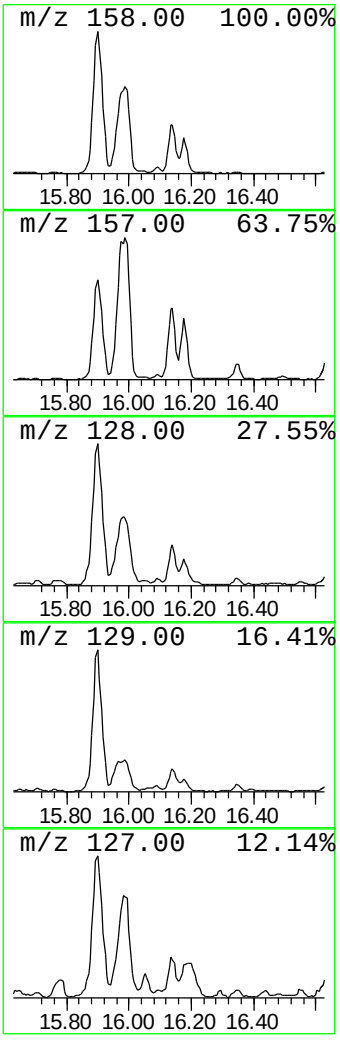
Peak Number 17 1-Naphthalenol, 2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.77 ng/ul	218329	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	62
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	58
3	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	53
4	1H-Pyrazole, 3-methyl-1-phenyl-	158	C10H10N2	001128-54-7	52
5	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	50





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

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Quant Title : SVOA CALIBRATION

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

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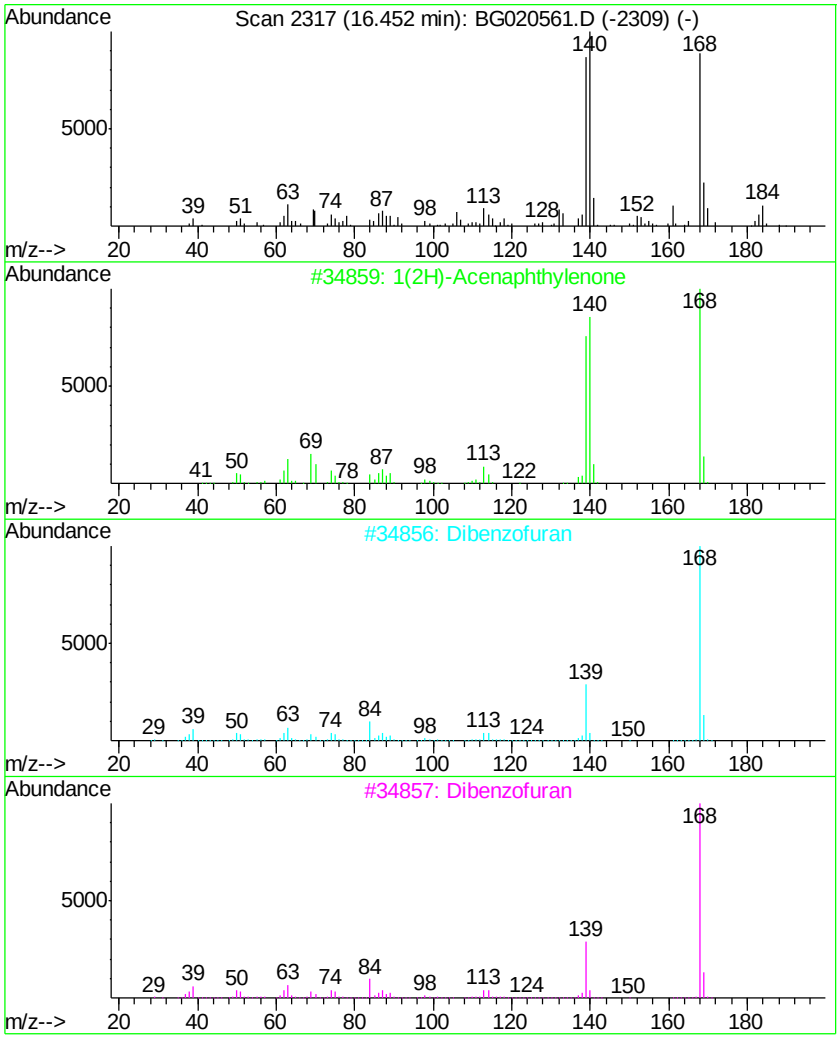
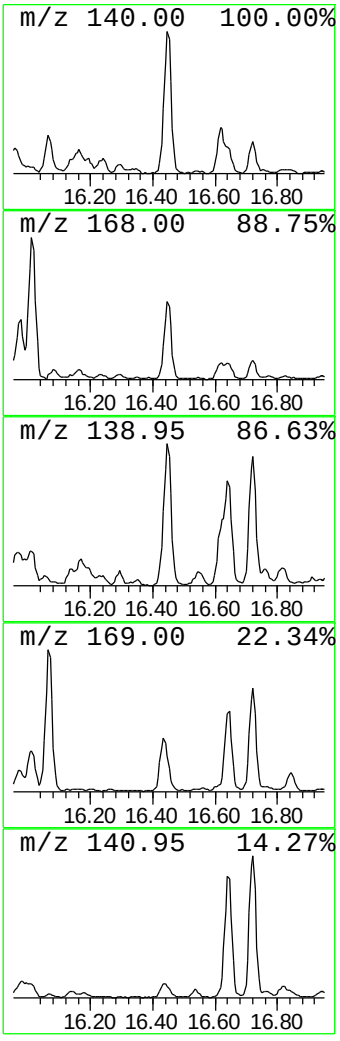
Peak Number 19 1(2H)-Acenaphthylenone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	3.64 ng/ul	287629	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	Dibenzofuran	168	C12H8O	000132-64-9	46
3	Dibenzofuran	168	C12H8O	000132-64-9	46
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	46
5	Dibenzofuran	168	C12H8O	000132-64-9	43





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Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
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Instrument : BNA_G
ClientSampleId : D9N54

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Quant Title : SVOA CALIBRATION

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

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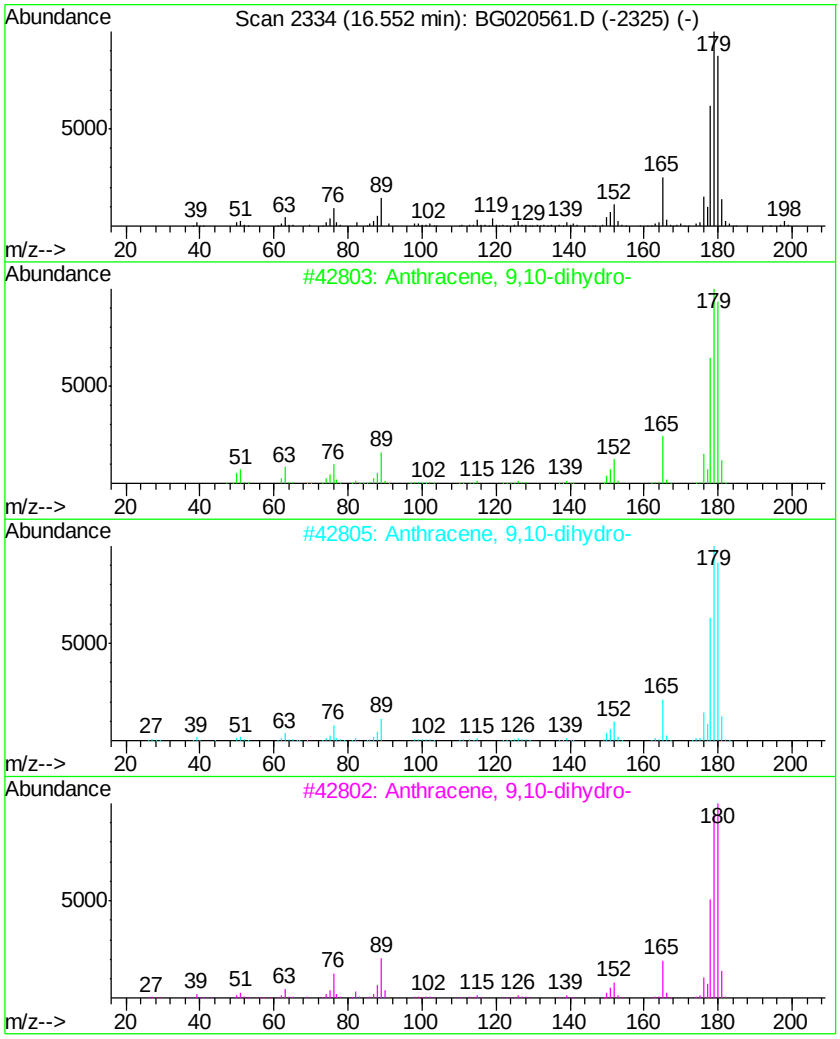
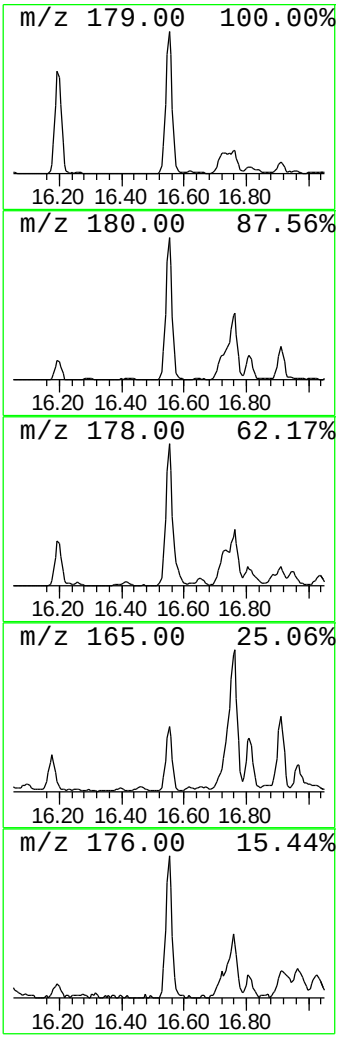
Peak Number 20 Anthracene, 9,10-dihydro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	5.87 ng/ul	463287	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	91





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Instrument : BNA_G
ClientSampleId : D9N54

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Quant Title : SVOA CALIBRATION

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

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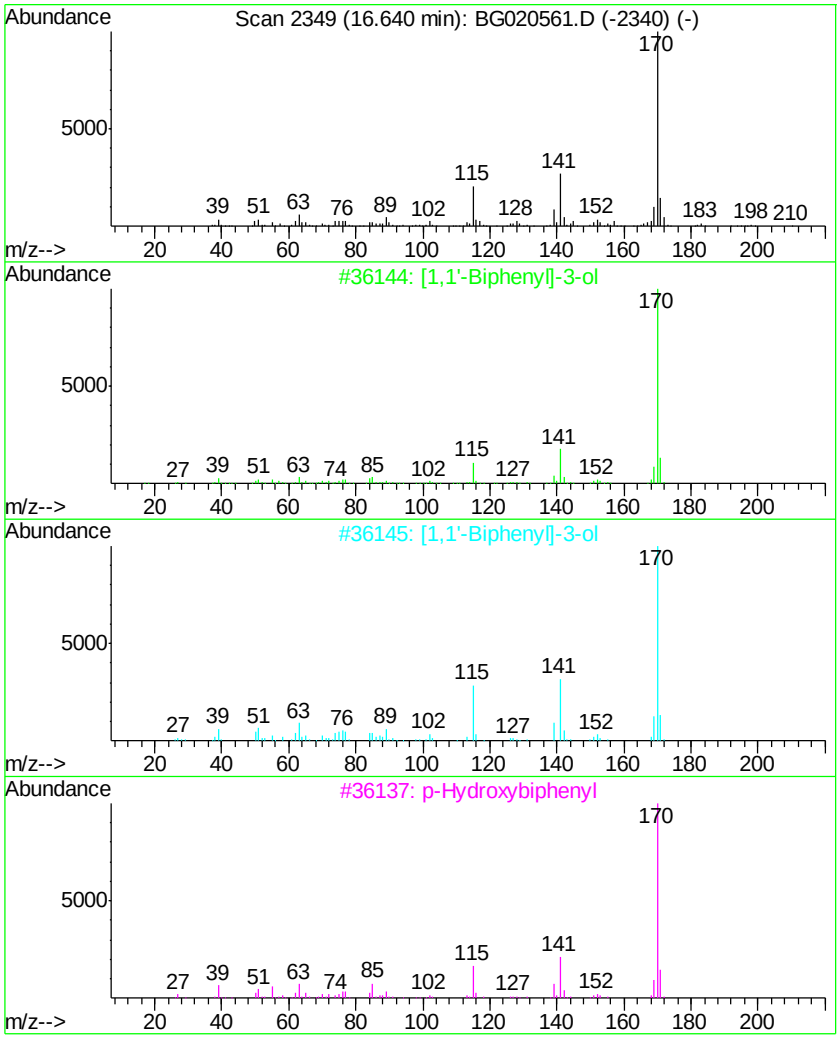
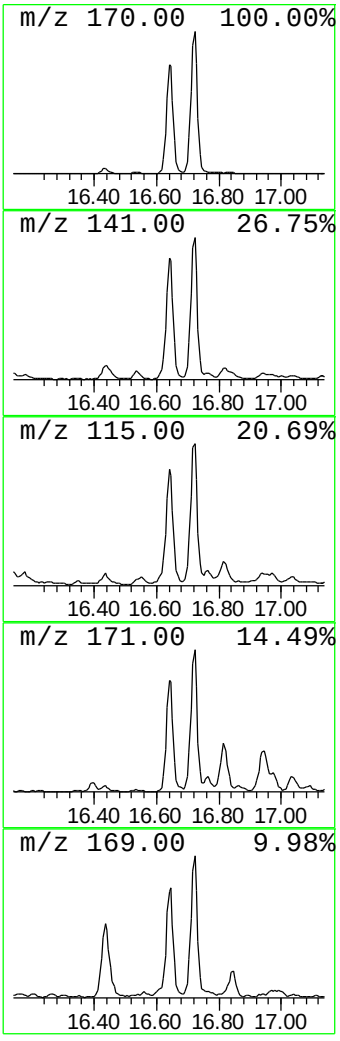
Peak Number 21 [1,1'-Biphenyl]-3-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	11.71 ng/ul	924631	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	96
2	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	96
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90





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ClientSampleId : D9N54

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Quant Title : SVOA CALIBRATION

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

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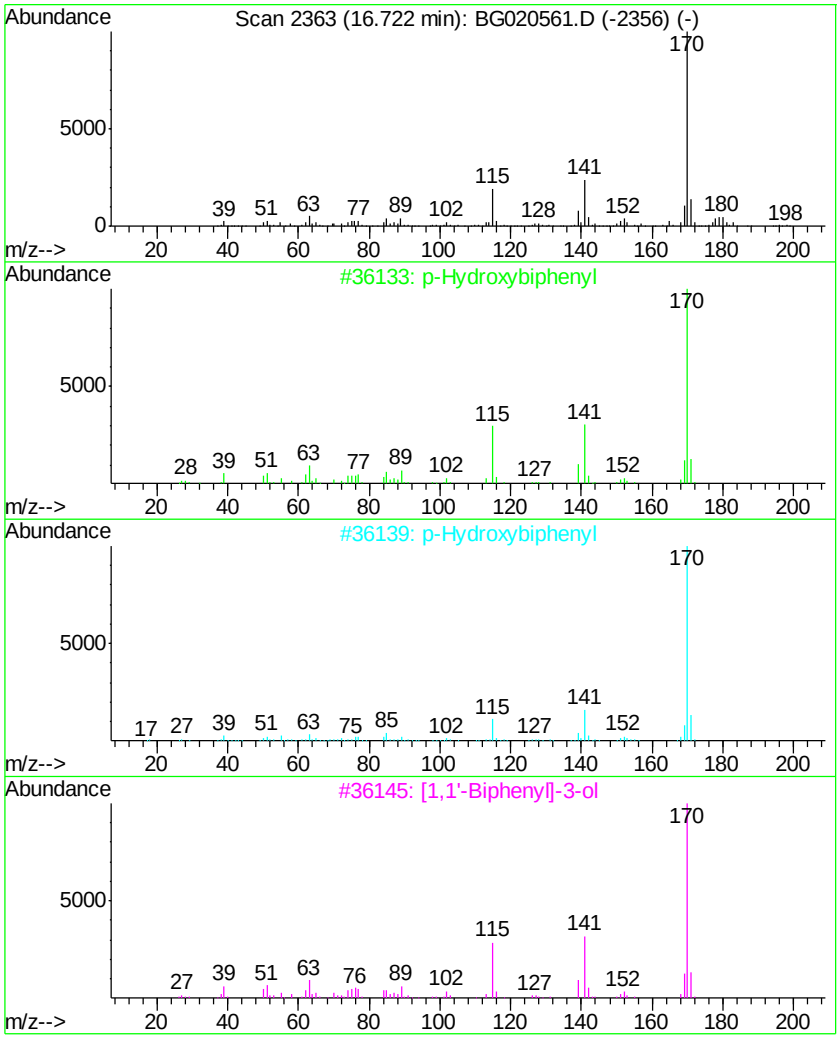
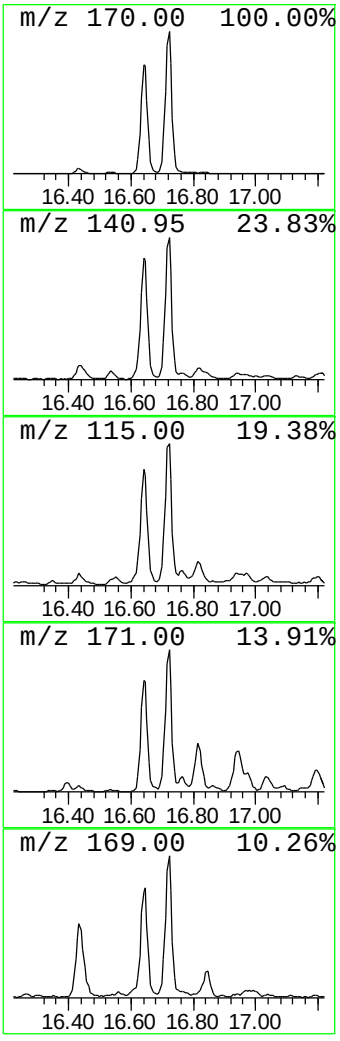
Peak Number 22 p-Hydroxybiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	13.55 ng/ul	1069120	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
3	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	93
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
5	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	93





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ClientSampleId : D9N54

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Quant Title : SVOA CALIBRATION

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

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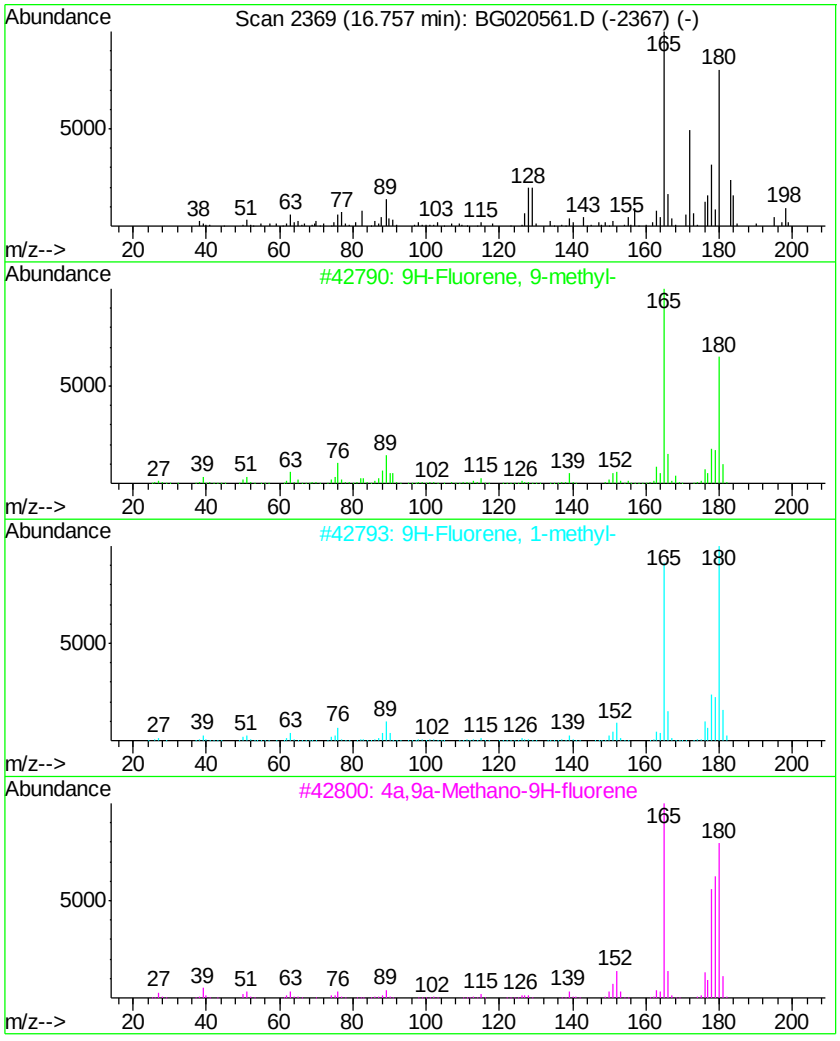
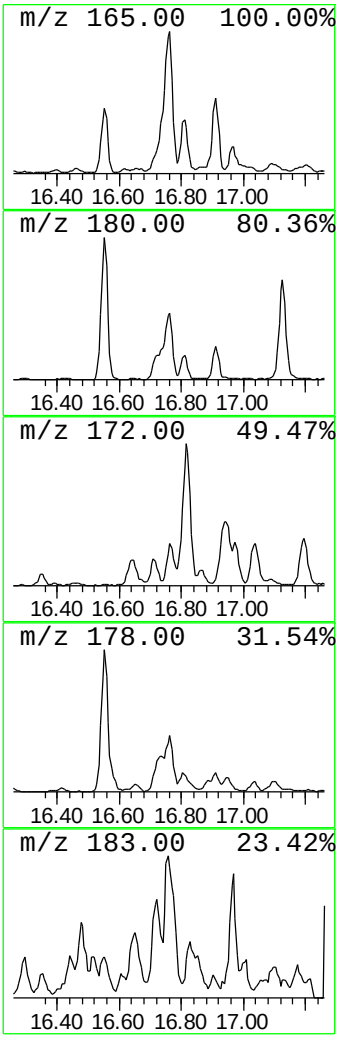
Peak Number 23 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	3.63 ng/ul	286322	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	43
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	43
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	43
4	tert-Butyl-4-hydroxy anisole	180	C11H16O2	1000285-06-6	38
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	38





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Quant Title : SVOA CALIBRATION

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

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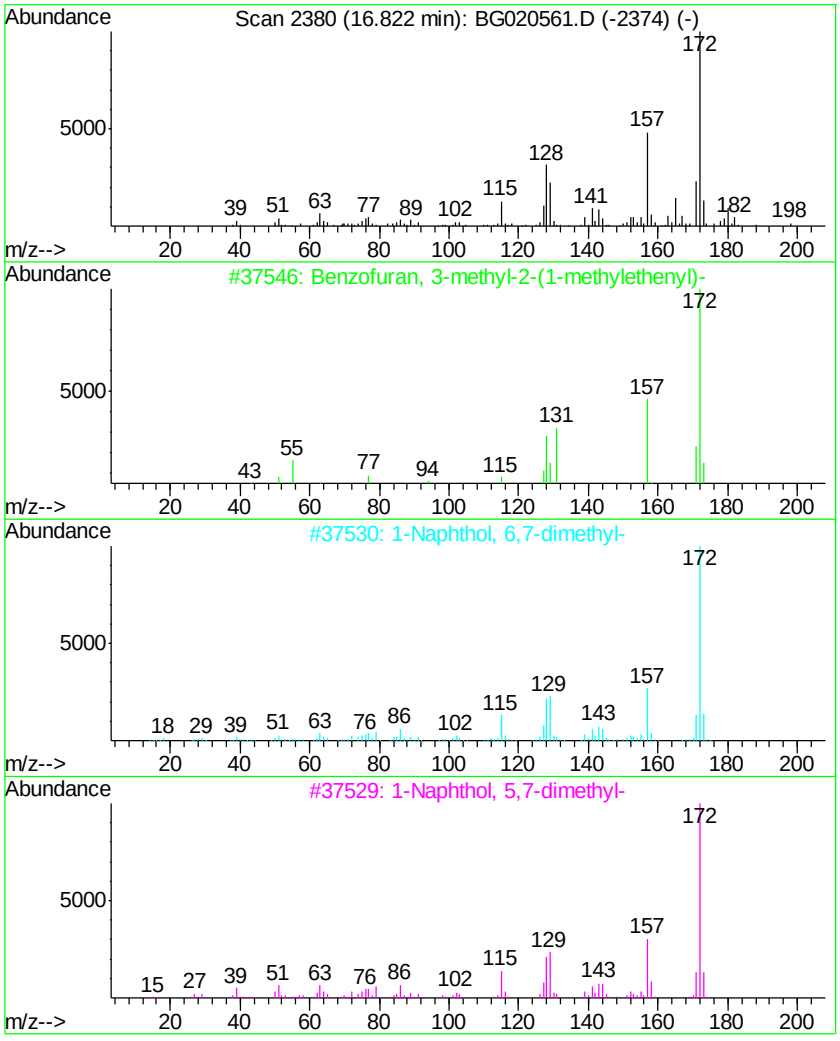
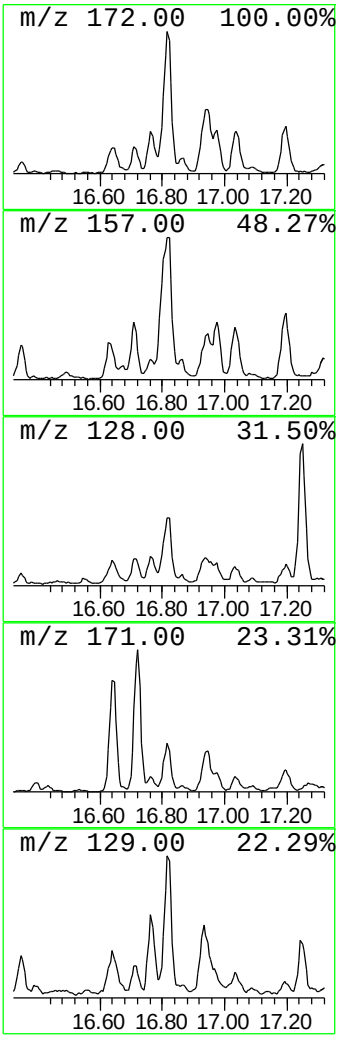
Peak Number 24 Benzofuran, 3-methyl-2-(1-m... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	3.75 ng/ul	295870	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 3-methyl-2-(1-methyl...	172	C12H12O	023911-58-2	70
2	1-Naphthol, 6,7-dimethyl-	172	C12H12O	031776-14-4	62
3	1-Naphthol, 5,7-dimethyl-	172	C12H12O	031706-76-0	62
4	Cinnoline, 4-ethyl-3-methyl-	172	C11H12N2	020873-32-9	43
5	Benzaldehyde, 2,6-difluoro-3-met...	172	C8H6F2O2	149949-30-4	38





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Instrument : BNA_G
ClientSampleId : D9N54

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Quant Title : SVOA CALIBRATION

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

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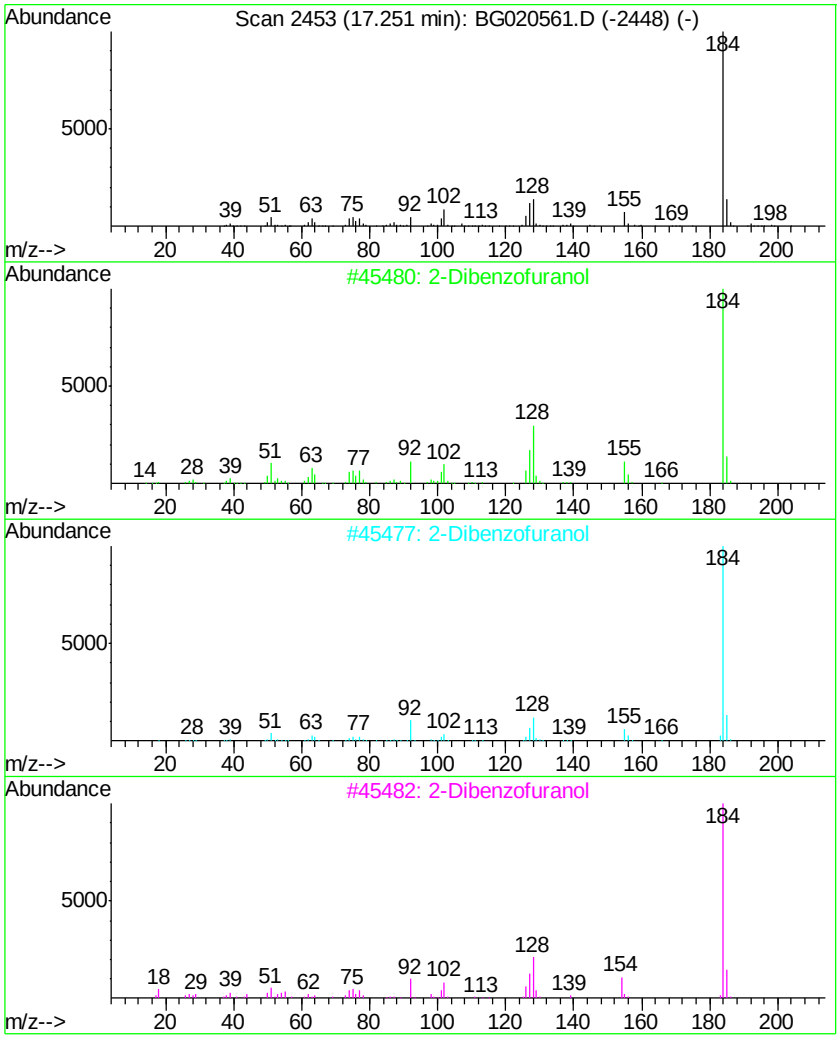
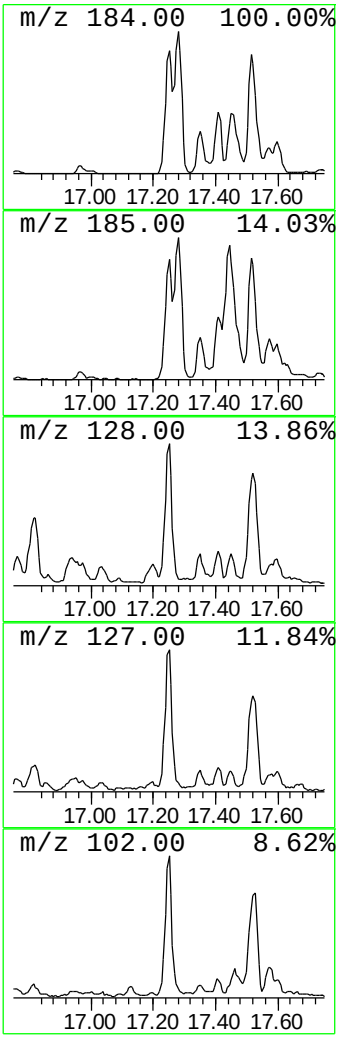
Peak Number 25 2-Dibenzofuranol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	7.47 ng/ul	589538	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	94
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	87
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	86





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Quant Title : SVOA CALIBRATION

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

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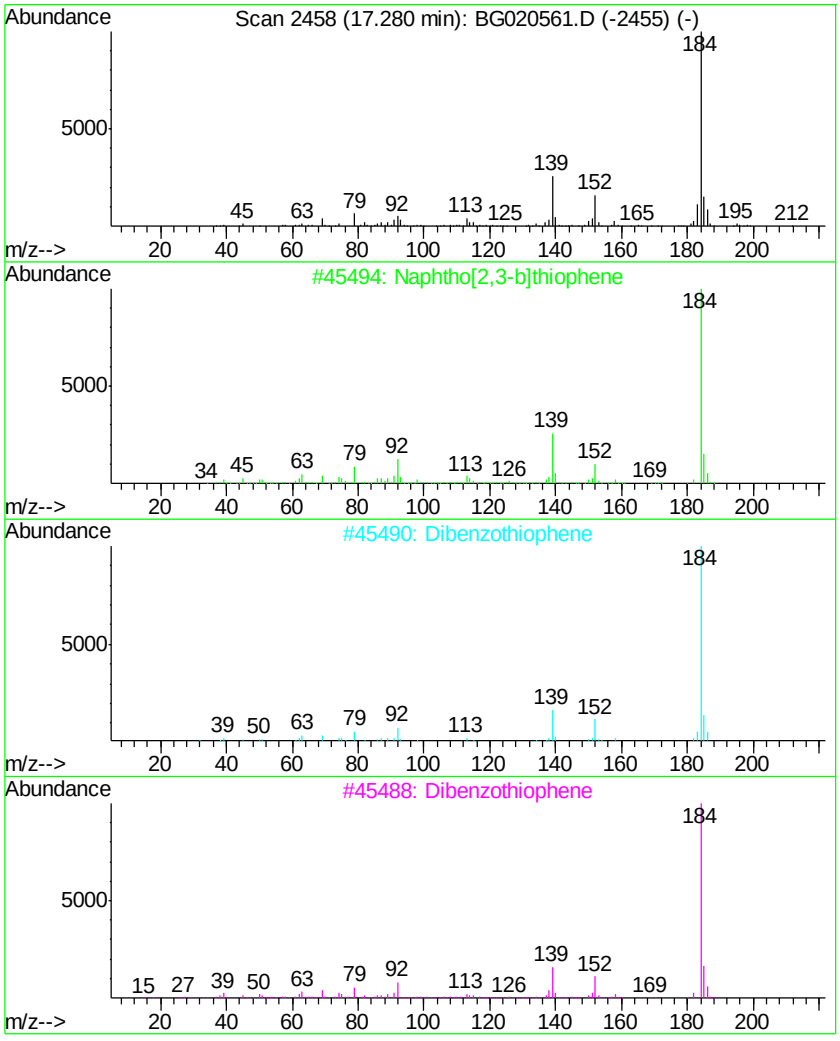
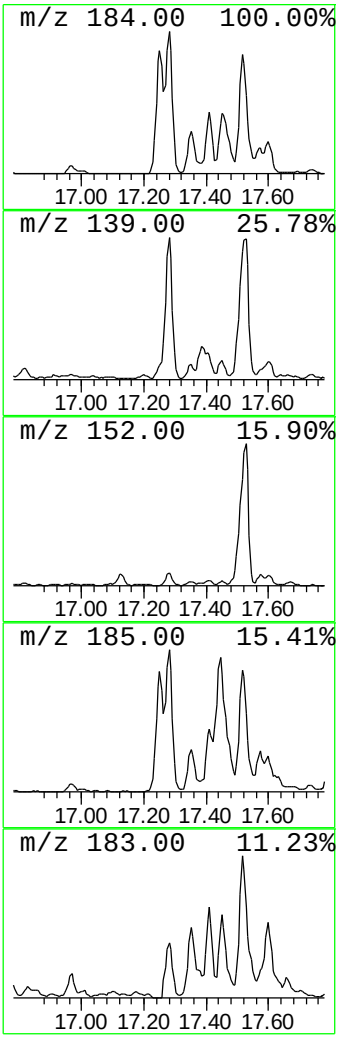
Peak Number 26 Naphtho[2,3-b]thiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	7.98 ng/ul	630029	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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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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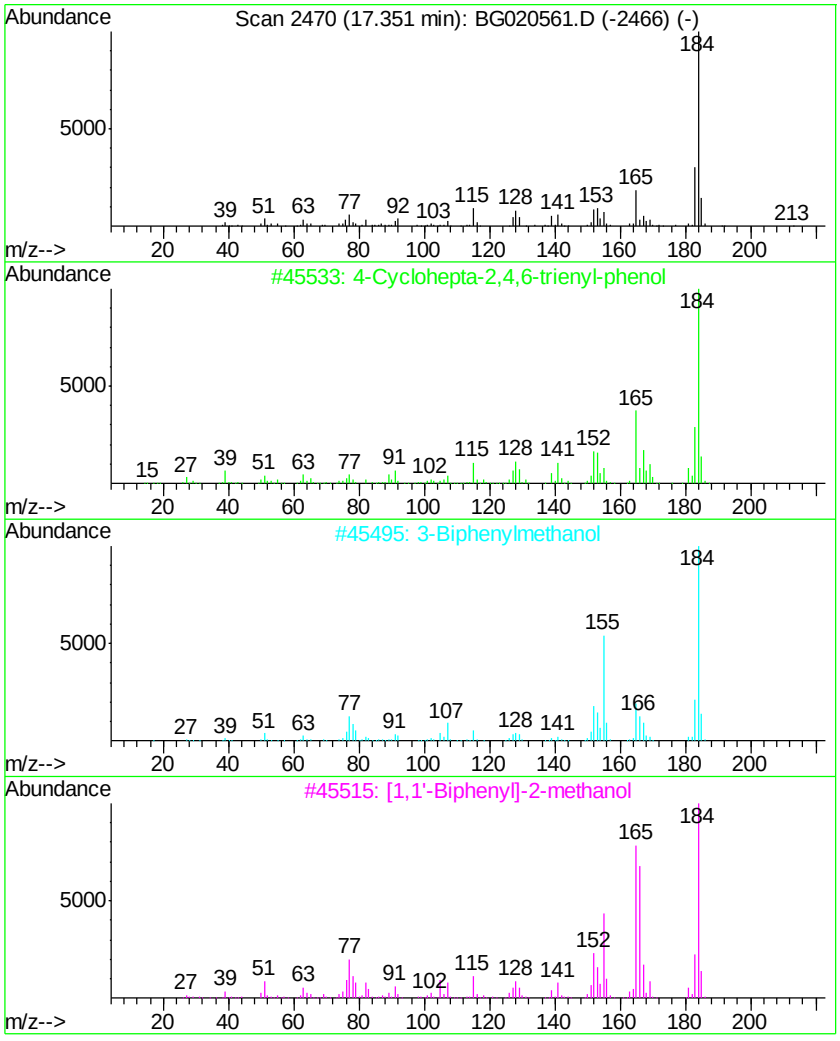
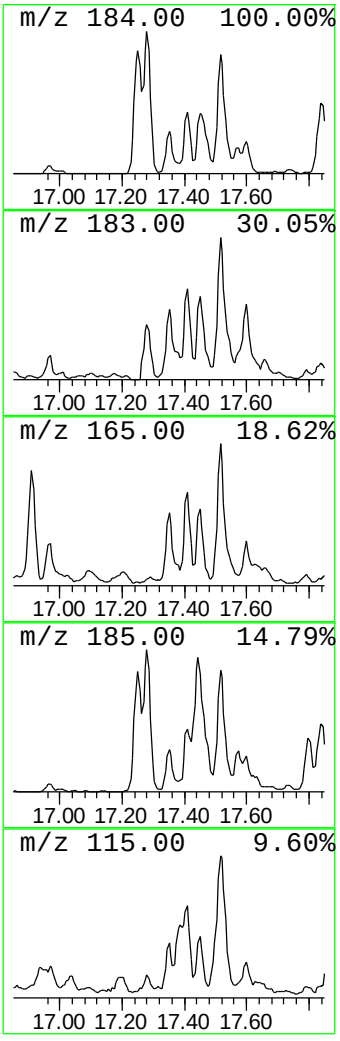
Peak Number 27 4-Cyclohepta-2,4,6-trienyl-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	3.17 ng/ul	249819	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	78
2	3-Biphenylmethanol	184	C13H12O	069605-90-9	72
3	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	64
4	5-Amino-4-cyano-1-phenylpyrazole	184	C10H8N4	005334-43-0	59
5	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	59





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Quant Title : SVOA CALIBRATION

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

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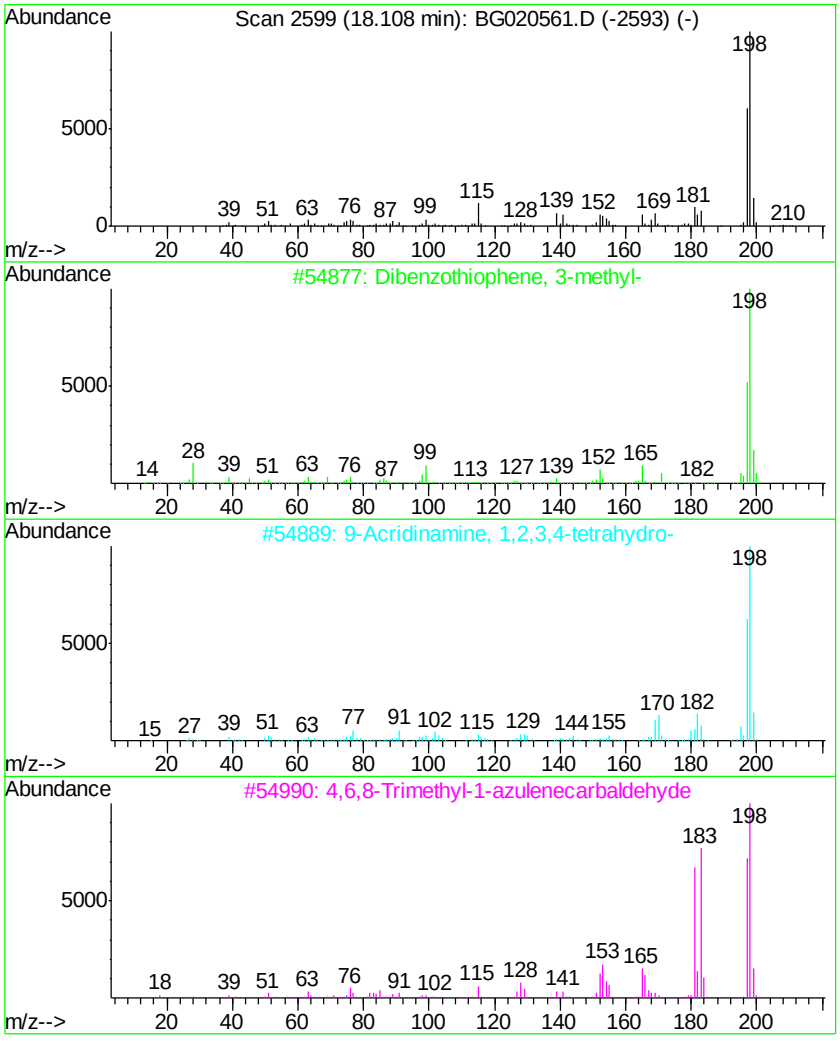
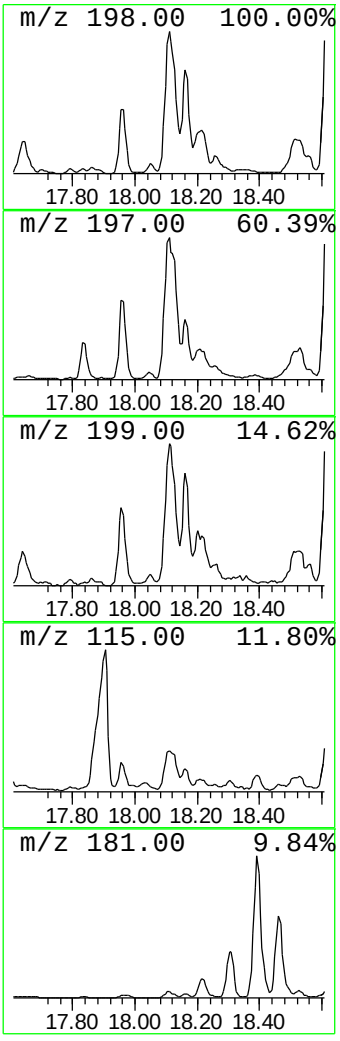
Peak Number 31 Dibenzothiophene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	9.47 ng/ul	747470	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	74
2	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
3	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	72
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
5	Indeno[1,2-b]pyridin-5-ol, 7-amino-	198	C12H10N2O	339336-23-1	64





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Quant Title : SVOA CALIBRATION

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

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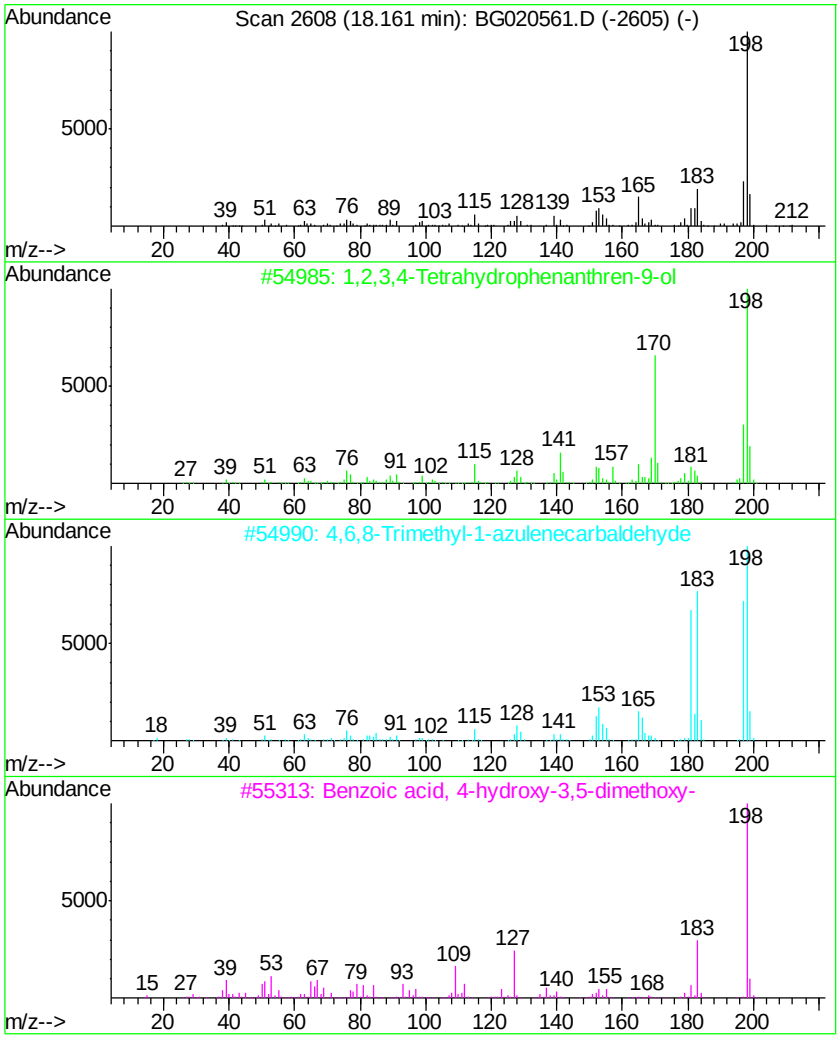
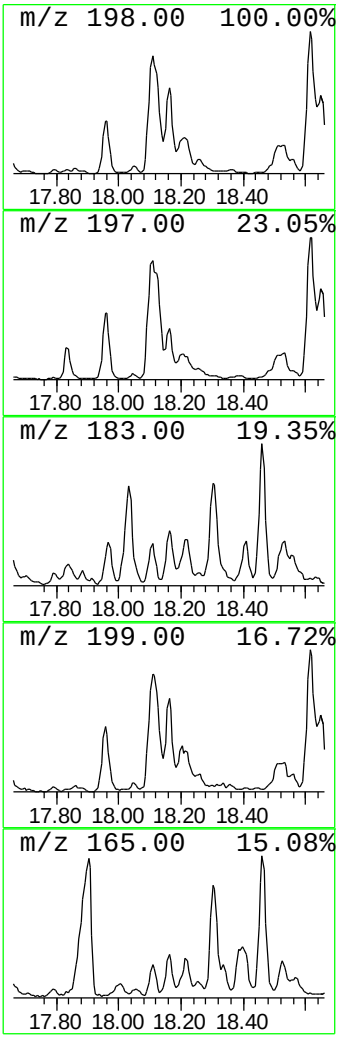
Peak Number 32 1,2,3,4-Tetrahydrophenanthr... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.76 ng/ul	217749	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydrophenanthren-9-ol	198	C14H14O	019817-12-0	87
2	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	58
3	Benzoic acid, 4-hydroxy-3,5-dime...	198	C9H10O5	000530-57-4	53
4	Propanedinitrile, tricyclo[3.3.1...	198	C13H14N2	036317-36-9	52
5	Adamantylidenefulvene	198	C15H18	016668-82-9	50





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Quant Title : SVOA CALIBRATION

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

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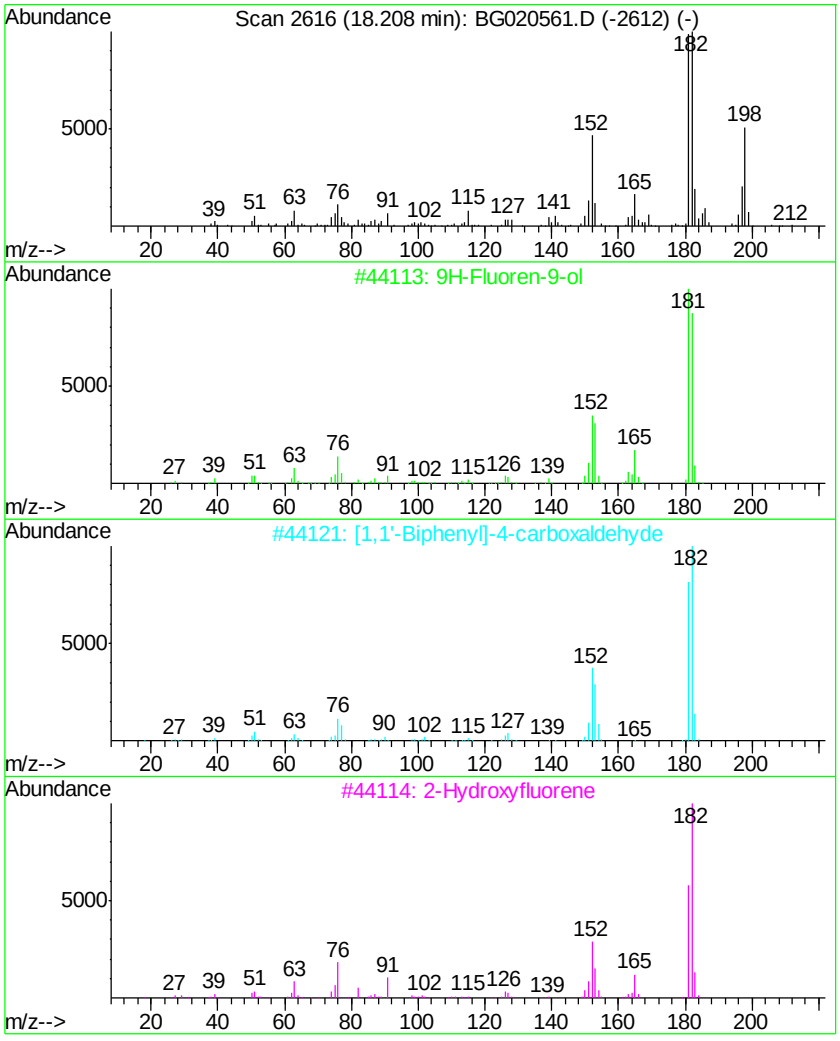
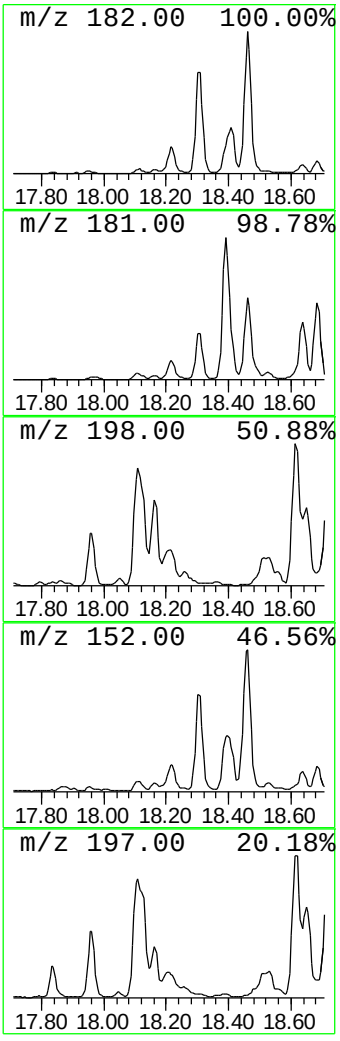
Peak Number 33 9H-Fluoren-9-ol Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.30 ng/ul	260675	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	74
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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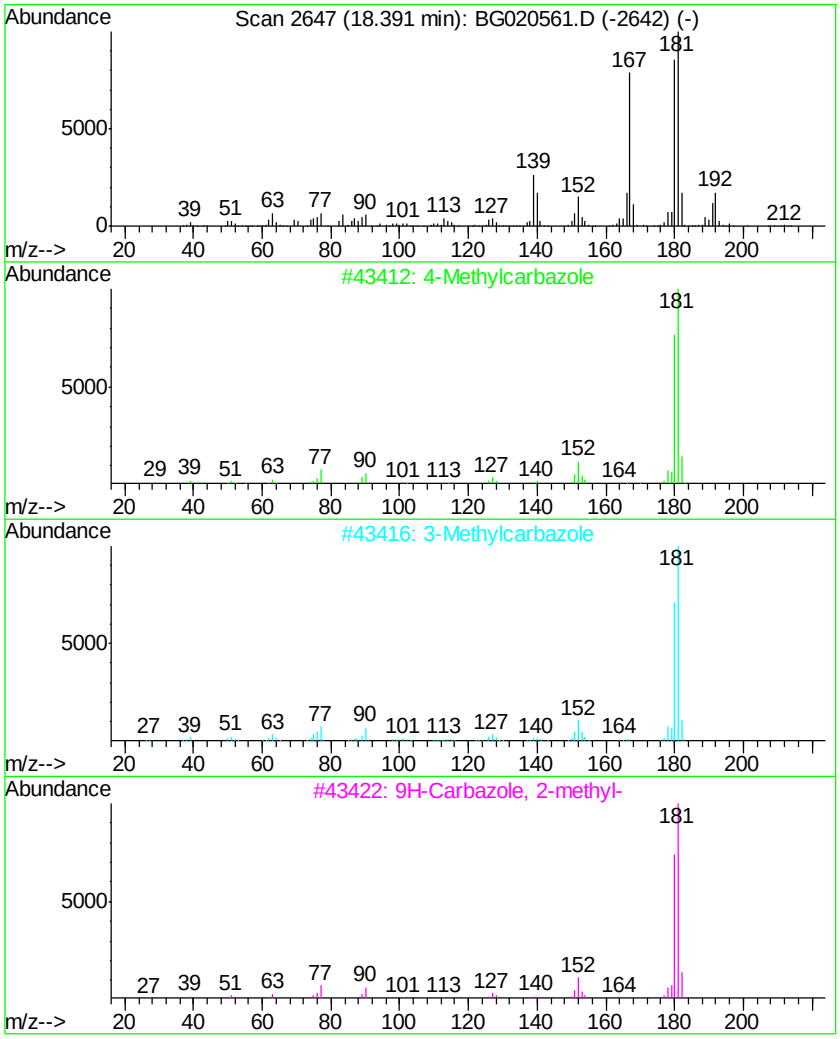
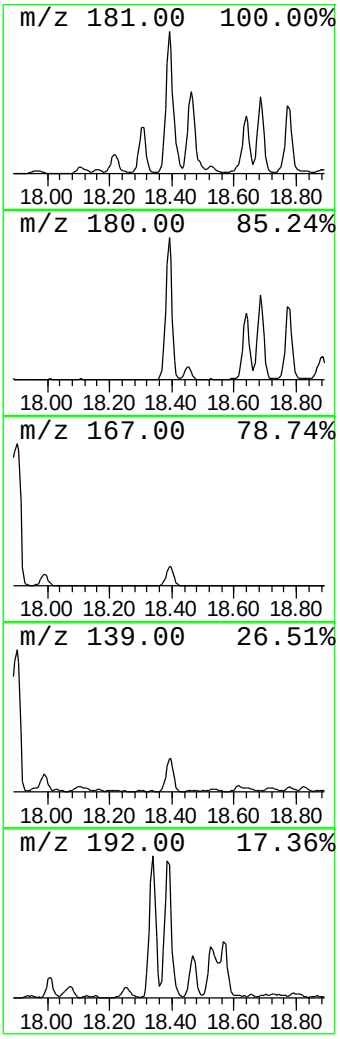
Peak Number 35 4-Methylcarbazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	25.55 ng/ul	2016970	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	95
2	3-Methylcarbazole	181	C13H11N	004630-20-0	91
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	87
4	3-Methylcarbazole	181	C13H11N	004630-20-0	87
5	Methylcarbazole	181	C13H11N	027323-29-1	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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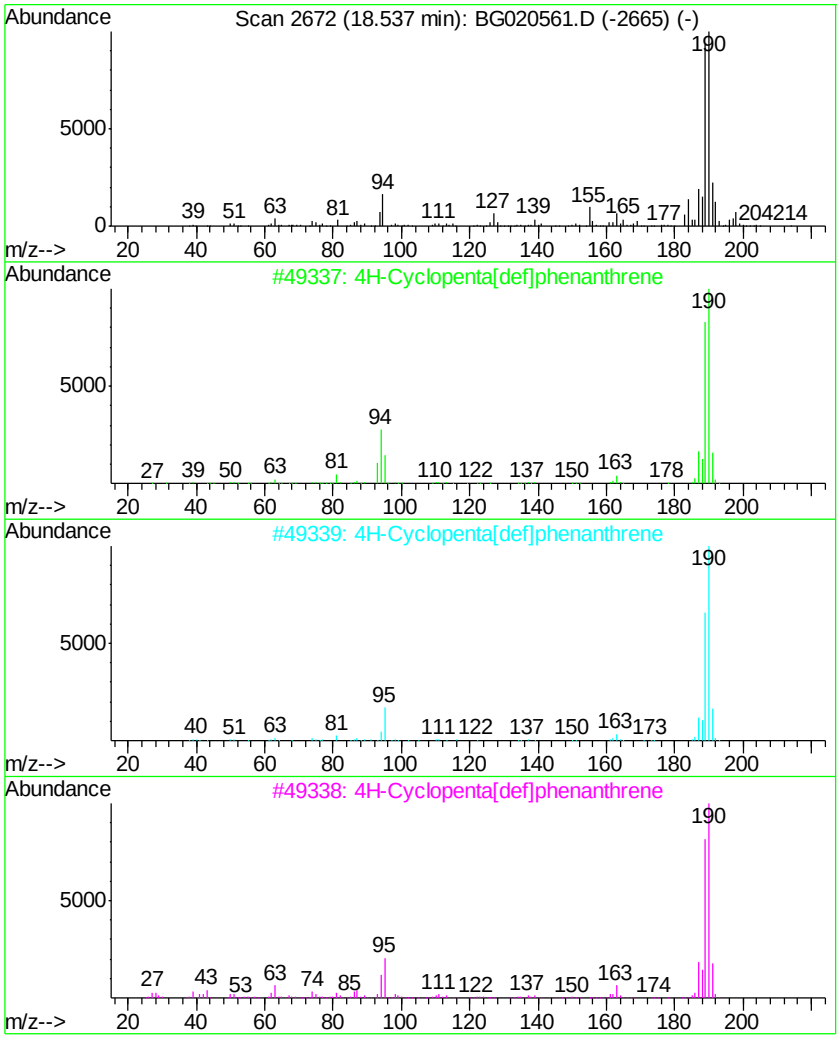
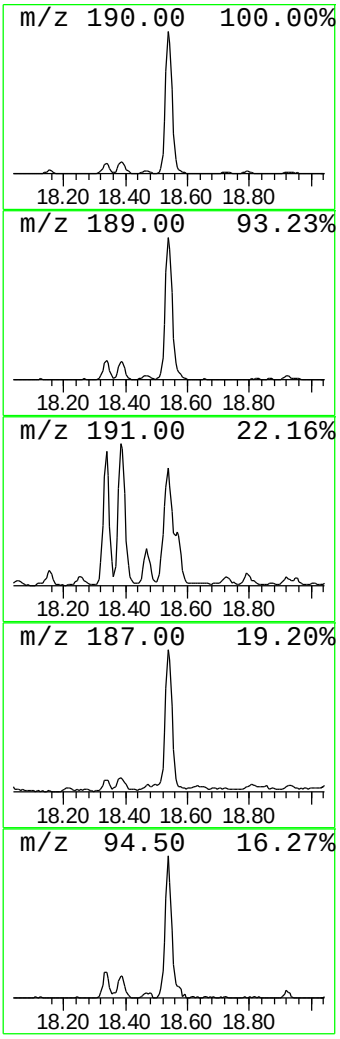
Peak Number 37 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	10.83 ng/ul	854957	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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
Benzofuran	7.80	15.0	ng/ul	378137	1	8.08	504364	20.0
Indane	8.46	41.6	ng/ul	1048910	1	8.08	504364	20.0
Indene	8.63	164.7	ng/ul	4152510	1	8.08	504364	20.0
Benzofuran, 2-met...	9.44	7.4	ng/ul	186591	1	8.08	504364	20.0
Naphthalene, 1-me...	12.79	2.7	ng/ul	5593050	2	10.96	41056400	20.0
1H-Inden-5-ol, 2,...	12.93	3.4	ng/ul	299860	3	14.72	1782740	20.0
1-Phenyl-1-cyclop...	13.19	4.6	ng/ul	411355	3	14.72	1782740	20.0
1H-Indole, 4-methyl-	13.65	3.3	ng/ul	292078	3	14.72	1782740	20.0
Naphthalene, 1-et...	13.74	6.9	ng/ul	618668	3	14.72	1782740	20.0
Naphthalene, 2,3-...	14.04	11.3	ng/ul	1010780	3	14.72	1782740	20.0
Naphthalene, 1,4-...	14.27	3.7	ng/ul	329296	3	14.72	1782740	20.0
1-Naphthalenecarb...	14.87	31.8	ng/ul	2831360	3	14.72	1782740	20.0
o-Hydroxybiphenyl	15.00	18.3	ng/ul	1627100	3	14.72	1782740	20.0
unknown-01	15.98	14.6	ng/ul	1298060	3	14.72	1782740	20.0
Dibenzofuran, 4-m...	16.05	4.6	ng/ul	411015	3	14.72	1782740	20.0
1-Naphthalenol, 2...	16.13	2.8	ng/ul	218329	4	17.47	1578600	20.0
1(2H)-Acenaphthyl...	16.45	3.6	ng/ul	287629	4	17.47	1578600	20.0
Anthracene, 9,10-...	16.55	5.9	ng/ul	463287	4	17.47	1578600	20.0
[1,1'-Biphenyl]-3-ol	16.64	11.7	ng/ul	924631	4	17.47	1578600	20.0
p-Hydroxybiphenyl	16.72	13.6	ng/ul	1069120	4	17.47	1578600	20.0
unknown-02	16.76	3.6	ng/ul	286322	4	17.47	1578600	20.0
Benzofuran, 3-met...	16.82	3.8	ng/ul	295870	4	17.47	1578600	20.0
2-Dibenzofuranol	17.25	7.5	ng/ul	589538	4	17.47	1578600	20.0
Naphtho[2,3-b]thi...	17.28	8.0	ng/ul	630029	4	17.47	1578600	20.0
4-Cyclohepta-2,4,...	17.35	3.2	ng/ul	249819	4	17.47	1578600	20.0
Dibenzothiophene,...	18.11	9.5	ng/ul	747470	4	17.47	1578600	20.0
1,2,3,4-Tetrahydr...	18.16	2.8	ng/ul	217749	4	17.47	1578600	20.0
9H-Fluoren-9-ol	18.21	3.3	ng/ul	260675	4	17.47	1578600	20.0
4-Methylcarbazole	18.39	25.6	ng/ul	2016970	4	17.47	1578600	20.0
4H-Cyclopenta[def...	18.54	10.8	ng/ul	854957	4	17.47	1578600	20.0