LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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	3.100	37	44	52	rBV	42337	87606	0.46%	0.123%
2	6.067	540	549	555	rVB2	19104	50014	0.26%	0.070%
3	7.401	769	776	782	rBV	62210	105140	0.56%	0.147%
4	7.607	805	811	820	rVB	68766	118199	0.62%	0.165%
5	7.718	824	830	837	rVV2	50586	88203	0.47%	0.123%
6	7.795	837	843	854	rVB	72569	128046	0.68%	0.179%
7	8.077	885	891	897	rBV	66324	110415	0.58%	0.154%
8	8.453	948	955	964	rBB	151377	251788	1.33%	0.352%
9	8.623	975	984	993	rBV	947180	1640150	8.67%	2.294%
10	8.788	1004	1012	1023	rBV	56675	101394	0.54%	0.142%
11	9.252	1084	1091	1098	rVV2	85597	170532	0.90%	0.239%
12	9.440	1117	1123	1131	rBB	34662	56637	0.30%	0.079%
13	9.563	1131	1144	1150	rBV	88336	198576	1.05%	0.278%
14	9.974	1208	1214	1223	rBB2	72921	132612	0.70%	0.186%
15	10.286	1258	1267	1269	rBV2	54226	91851	0.49%	0.128%
16	10.392	1279	1285	1299	rVB3	43934	120388	0.64%	0.168%
17	10.527	1299	1308	1316	rBV	144132	274853	1.45%	0.384%
18	11.009	1367	1390	1395	rVV	5718516	18918530	100.00%	26.465%
19	11.085	1397	1403	1411	rVB	635046	1077459	5.70%	1.507%
20	12.442	1625	1634	1642	rVB	66958	124864	0.66%	0.175%
21	12.560	1643	1654	1665	rBV	2336285	4153523	21.95%	5.810%
22	12.665	1665	1672	1678	rVV	88934	162305	0.86%	0.227%
23	12.771	1678	1690	1699	rVV	1381357	2494965	13.19%	3.490%
24	13.182	1754	1760	1769	rVV3	43203	91367	0.48%	0.128%
25	13.547	1813	1822	1833	rBV	721572	1128503	5.97%	1.579%
26	13.741	1849	1855	1866	rVB2	123895	274756	1.45%	0.384%
27	13.888	1866	1880	1887	rBV4	132995	380505	2.01%	0.532%
28	14.034	1897	1905	1910	rVV	234936	448204	2.37%	0.627%
29	14.087	1910	1914	1916	rVV	155337	243751	1.29%	0.341%
30	14.117	1916	1919	1924	rVV	256990	361561	1.91%	0.506%
31	14.269	1938	1945	1949	rVV	97392	164563	0.87%	0.230%
32	14.410	1962	1969	1971	rBV	269995	448079	2.37%	0.627%
33	14.434	1971	1973	1984	rVB	276736	389851	2.06%	0.545%
34	14.687	2005	2016	2018	rBV	130567	199754	1.06%	0.279%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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	14.716	2018	2021	2026	rVV2	154943	255029	1.35%	0.357%
36	14.798	2026	2035	2039	rVV	3263621	5869008	31.02%	8.210%
37	14.857	2039	2045	2051	rVV	788478	1259417	6.66%	1.762%
38	14.916	2051	2055	2062	rVB4	30969	60369	0.32%	0.084%
39	14.986	2062	2067	2070	rBV	96345	150722	0.80%	0.211%
40	15.022	2070	2073	2078	rVB	62714	89691	0.47%	0.125%
41	15.121	2083	2090	2098	rVV2	2009101	3695370	19.53%	5.169%
42	15.186	2098	2101	2110	rVB4	24991	56059	0.30%	0.078%
43	15.315	2117	2123	2129	rBV3	27940	54642	0.29%	0.076%
44	15.386	2129	2135	2140	rBV4	20861	51902	0.27%	0.073%
45	15.709	2184	2190	2194	rVV	362274	593237	3.14%	0.830%
46	15.774	2194	2201	2206	rVV	2014581	3315069	17.52%	4.637%
47	15.832	2206	2211	2216	rVV4	104623	223244	1.18%	0.312%
48	15.885	2216	2220	2223	rVV4	133512	245848	1.30%	0.344%
49	15.920	2223	2226	2231	rVV2	161771	269294	1.42%	0.377%
50	15.973	2231	2235	2238	rVV3	76955	148029	0.78%	0.207%
51	16.009	2238	2241	2244	rVV	90317	133502	0.71%	0.187%
52	16.050	2244	2248	2254	rVV	155348	229519	1.21%	0.321%
53	16.191	2257	2272	2285	rBV4	190810	499739	2.64%	0.699%
54	16.549	2324	2333	2339	rBV	97305	147275	0.78%	0.206%
55	16.637	2345	2348	2356	rVB	76904	117760	0.62%	0.165%
56	16.714	2356	2361	2366	rBV2	122288	238323	1.26%	0.333%
57	16.761	2366	2369	2373	rVV	81914	121703	0.64%	0.170%
58	16.814	2373	2378	2387	rVV6	40679	105947	0.56%	0.148%
59	16.908	2389	2394	2400	rVV	37658	60755	0.32%	0.085%
60	17.113	2418	2429	2436	rVB	143013	245742	1.30%	0.344%
61	17.242	2446	2451	2453	rVV	75099	107718	0.57%	0.151%
62	17.278	2453	2457	2464	rVB	279175	426673	2.26%	0.597%
63	17.401	2475	2478	2482	rVV	48025	66615	0.35%	0.093%
64	17.466	2482	2489	2491	rVV2	211997	411753	2.18%	0.576%
65	17.519	2491	2498	2502	rVV	2866609	4961736	26.23%	6.941%
66	17.566	2502	2506	2509	rVV	452706	692431	3.66%	0.969%
67	17.595	2509	2511	2517	rVV	177952	226720	1.20%	0.317%
68	17.824	2545	2550	2552	rBV	88309	120143	0.64%	0.168%
69	17.877	2552	2559	2565	rVB	1821791	2926879	15.47%	4.094%
70	17.953	2565	2572	2579	rBV2	136679	265860	1.41%	0.372%
71	18.018	2579	2583	2590	rVB	203594	292972	1.55%	0.410%

LSC Area Percent Report

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Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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	18.100	2590	2597	2602	rBV3	57277	124694	0.66%	0.174%
73	18.294	2626	2630	2633	rBV	87821	118522	0.63%	0.166%
74	18.335	2633	2637	2640	rVB	64347	80229	0.42%	0.112%
75	18.382	2640	2645	2650	rBV	376496	554641	2.93%	0.776%
76	18.453	2650	2657	2663	rVB4	109337	226123	1.20%	0.316%
77	18.535	2663	2671	2679	rBV2	246026	469358	2.48%	0.657%
78	18.635	2679	2688	2691	rBV2	140280	309672	1.64%	0.433%
79	18.676	2691	2695	2699	rVV	150426	206805	1.09%	0.289%
80	18.711	2699	2701	2706	rVB3	44430	51274	0.27%	0.072%
81	18.770	2706	2711	2716	rBV	184705	279156	1.48%	0.391%
82	18.823	2716	2720	2724	rVB2	100811	140363	0.74%	0.196%
83	18.876	2724	2729	2734	rBV	231158	340450	1.80%	0.476%
84	19.134	2770	2773	2779	rVV5	25308	57992	0.31%	0.081%
85	19.346	2800	2809	2813	rBV4	38063	93225	0.49%	0.130%
86	19.510	2830	2837	2844	rVB	584090	856893	4.53%	1.199%
87	19.704	2864	2870	2874	rBV4	50372	85011	0.45%	0.119%
88	19.845	2887	2894	2896	rBV	519543	840108	4.44%	1.175%
89	19.869	2896	2898	2907	rVB	377893	540674	2.86%	0.756%
90	20.063	2923	2931	2936	rBV4	35644	65071	0.34%	0.091%
91	20.245	2957	2962	2968	rVB	230599	315400	1.67%	0.441%
92	20.309	2968	2973	2978	rBV	105976	175015	0.93%	0.245%
93	20.456	2992	2998	3003	rBV2	32191	57948	0.31%	0.081%
94	20.967	3081	3085	3093	rVB	36029	71879	0.38%	0.101%
95	21.314	3137	3144	3147	rBV4	36153	69002	0.36%	0.097%
96	21.731	3207	3215	3222	rBV2	314482	586311	3.10%	0.820%
97	22.154	3280	3287	3292	rBV	40019	73146	0.39%	0.102%
98	22.383	3318	3326	3341	rBV2	17255	60822	0.32%	0.085%
99	24.781	3721	3734	3754	rBV	237612	750548	3.97%	1.050%
100	25.004	3761	3772	3790	rBV	107486	358667	1.90%	0.502%

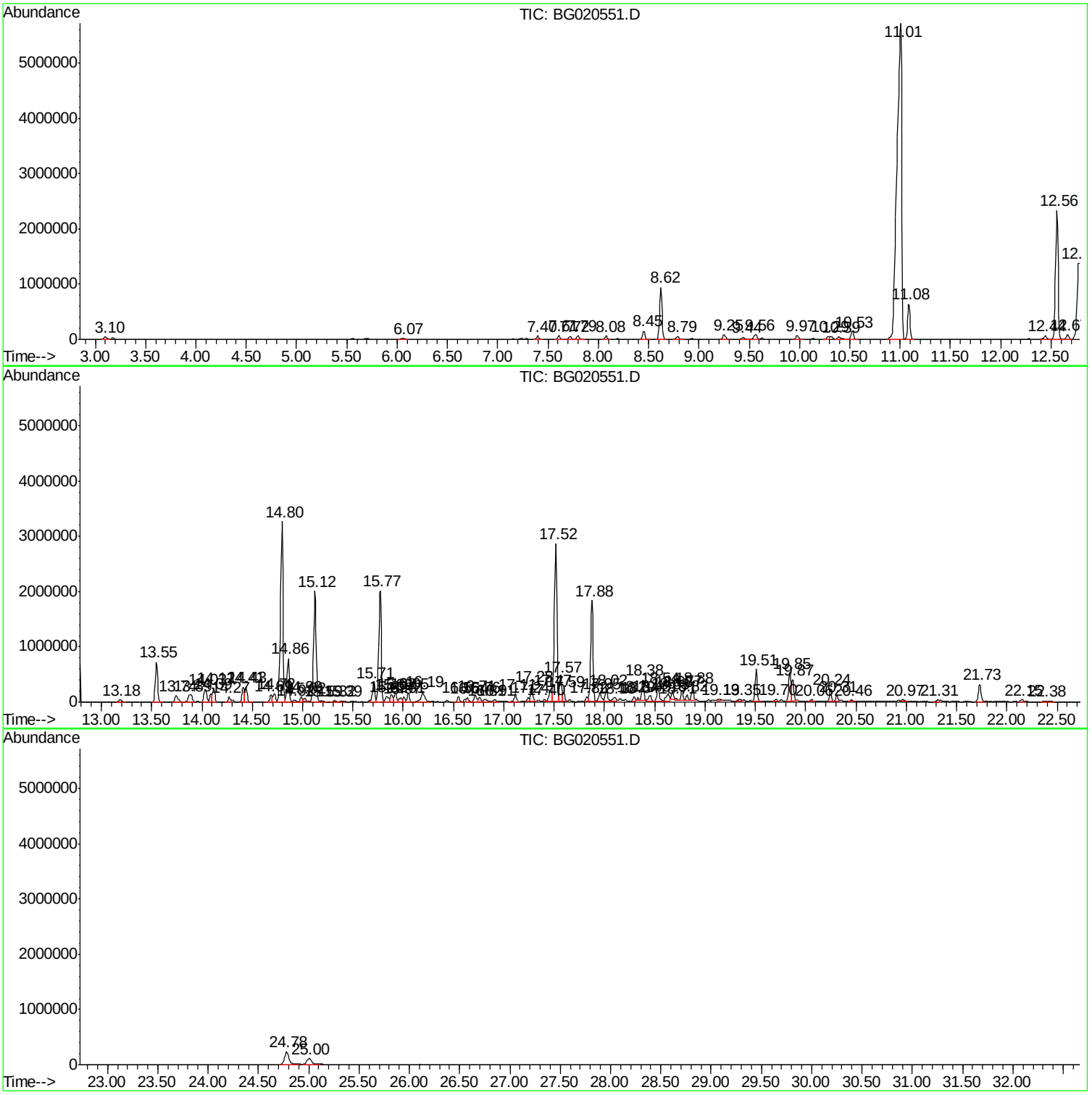
Sum of corrected areas: 71484638

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N61

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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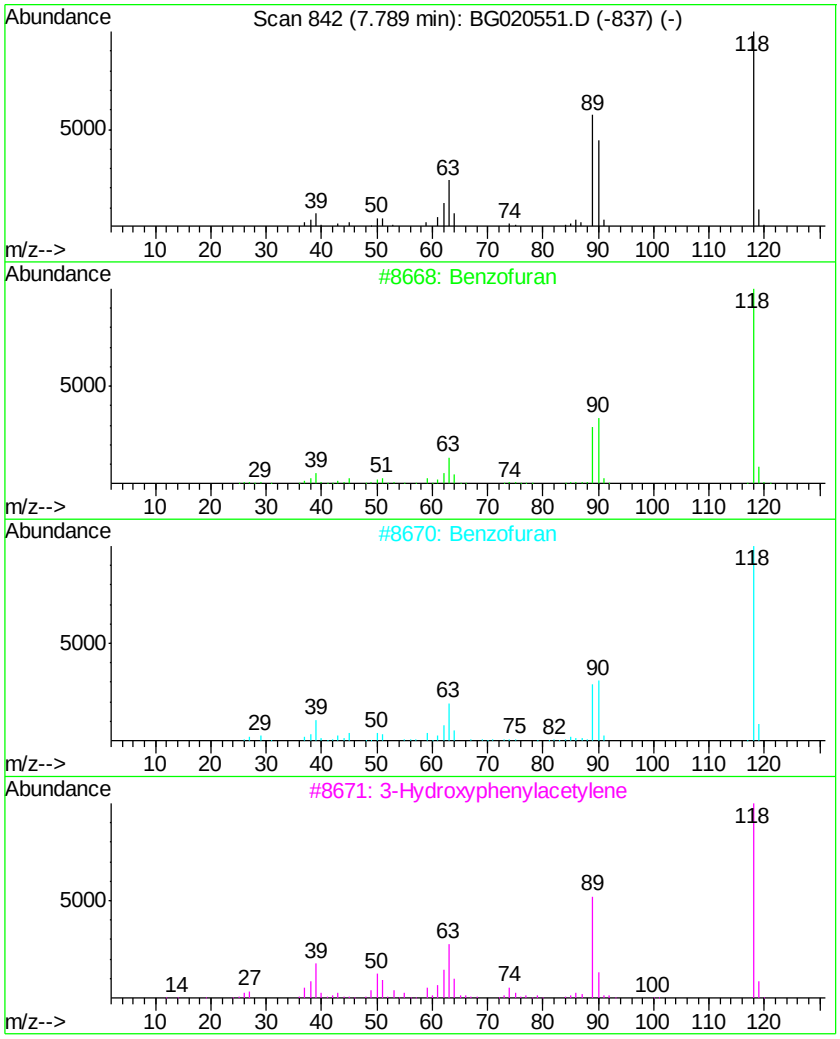
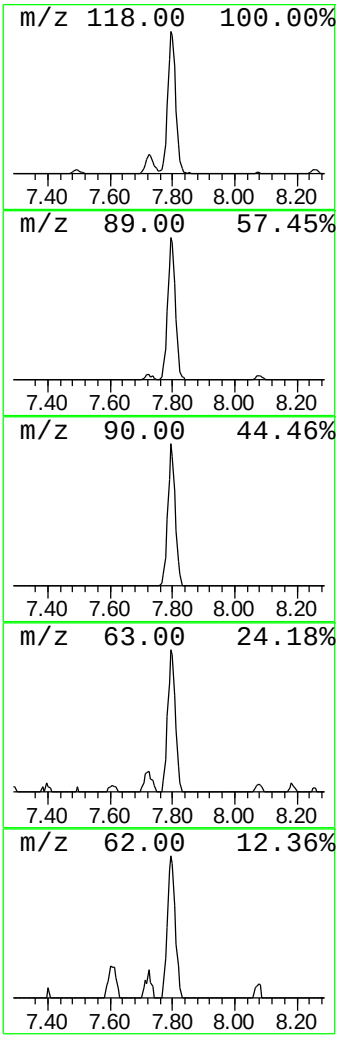
Peak Number 4 Benzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	23.19 ng/ul	128046	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	87
2	Benzofuran	118	C8H6O	000271-89-6	87
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
4	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	52
5	1H-Benzimidazole	118	C7H6N2	000051-17-2	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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

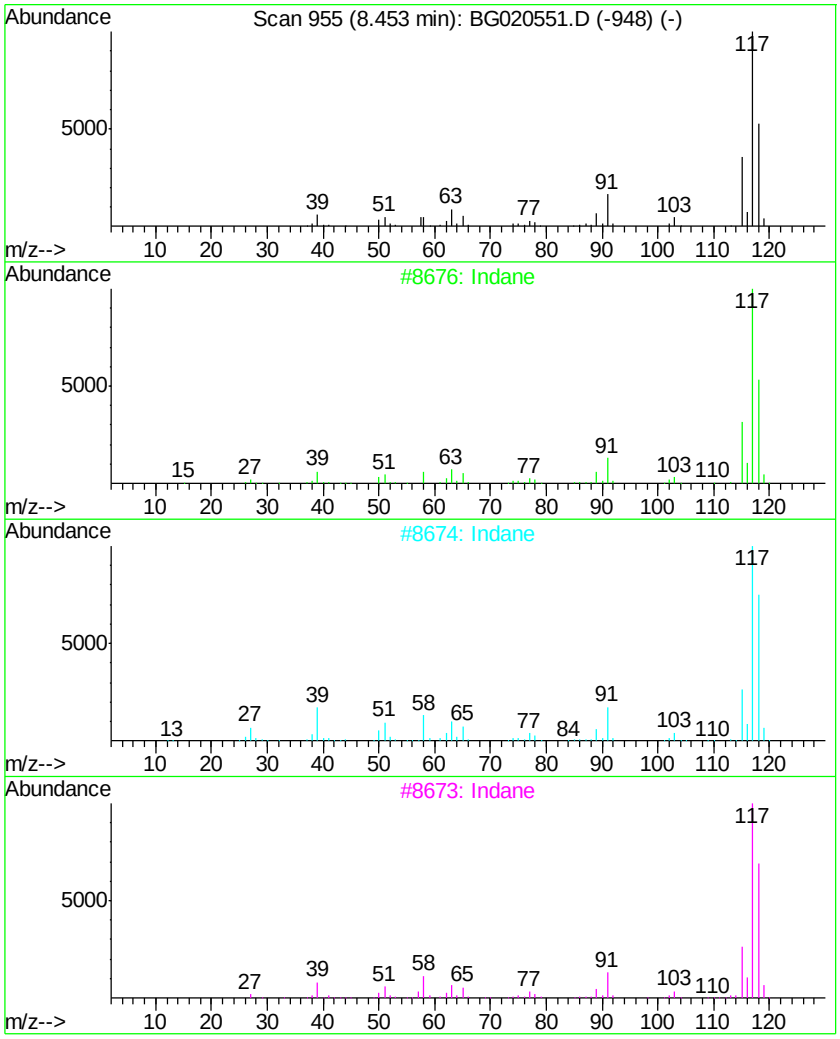
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

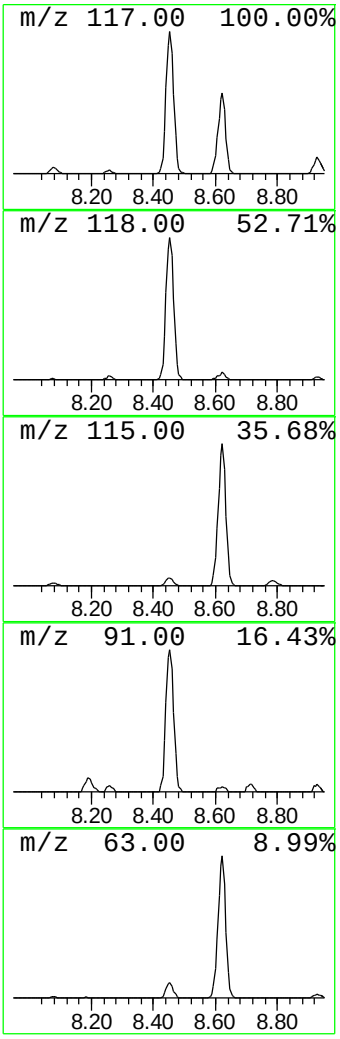
****

Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	45.61 ng/ul	251788	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Deltacyclene	118	C9H10	007785-10-6	87
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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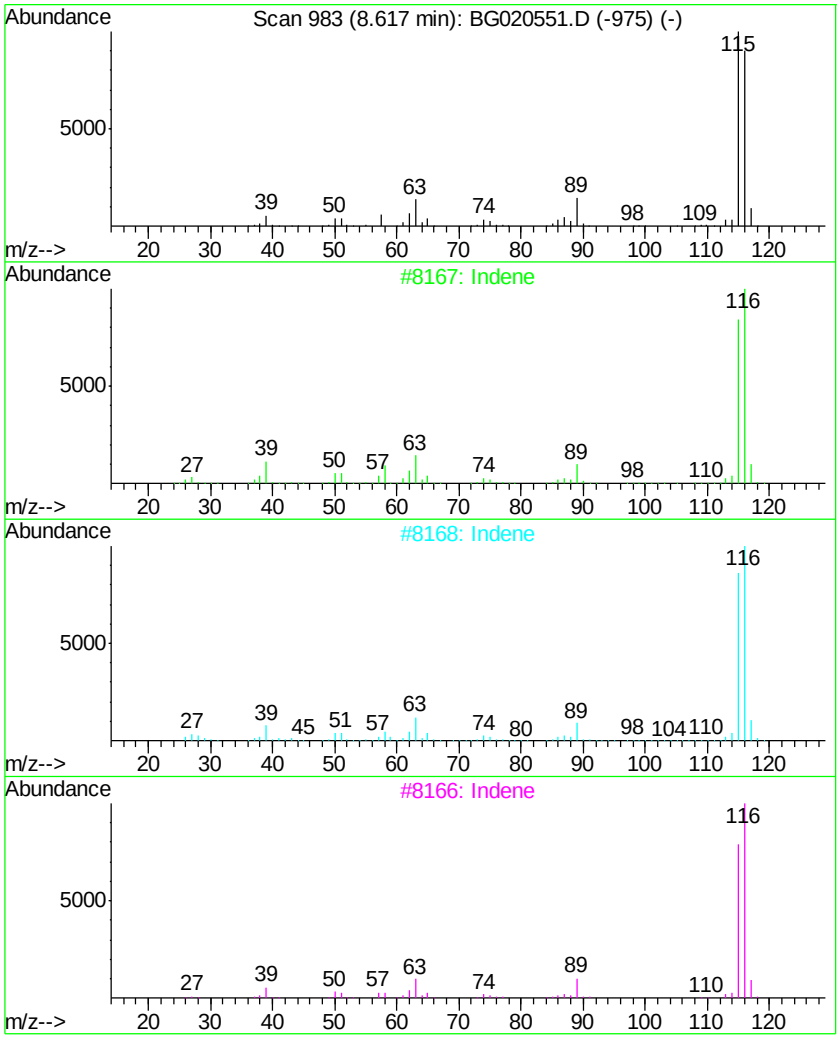
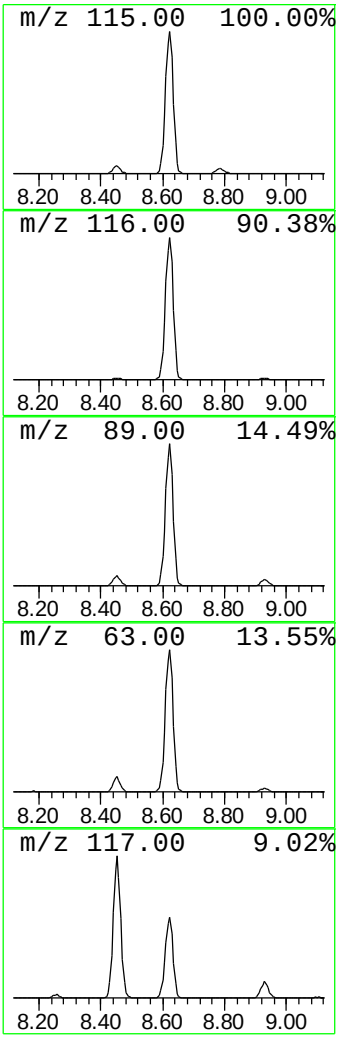
Peak Number 6 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	297.09 ng/ul	1640150	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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

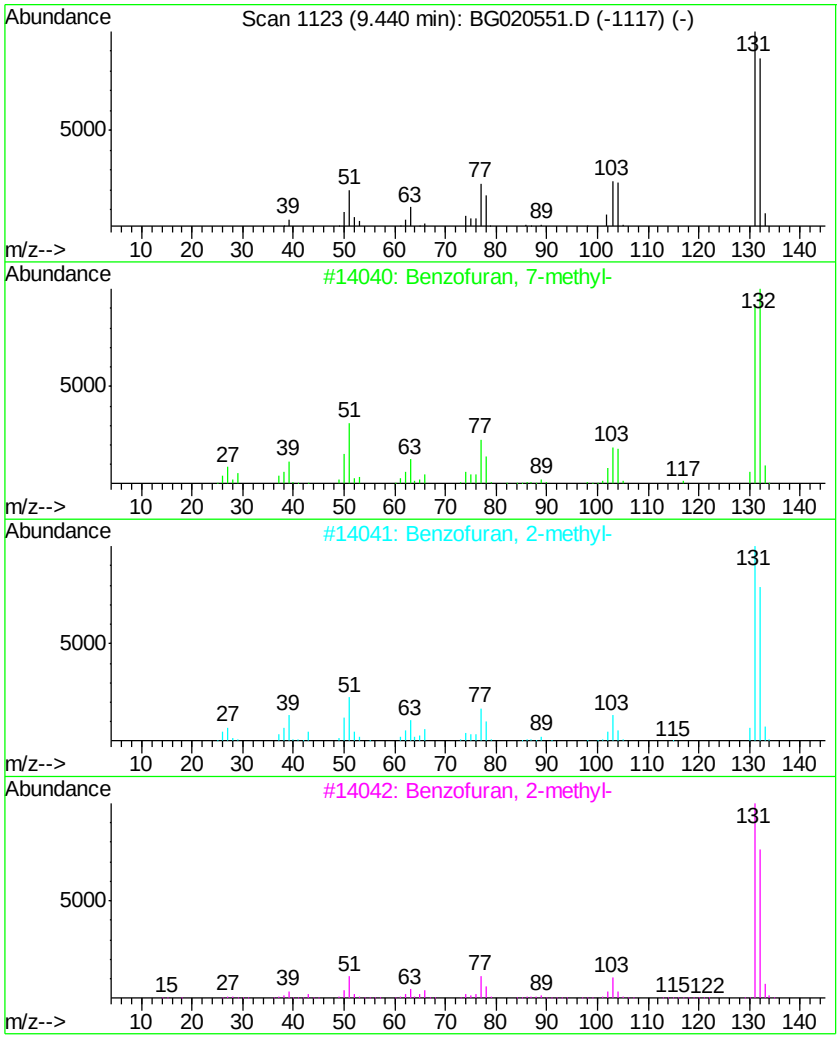
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

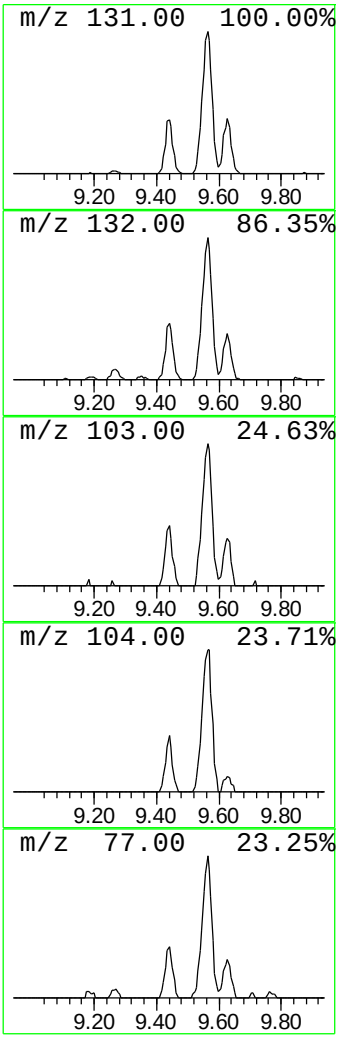
****

Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	10.26 ng/ul	56637	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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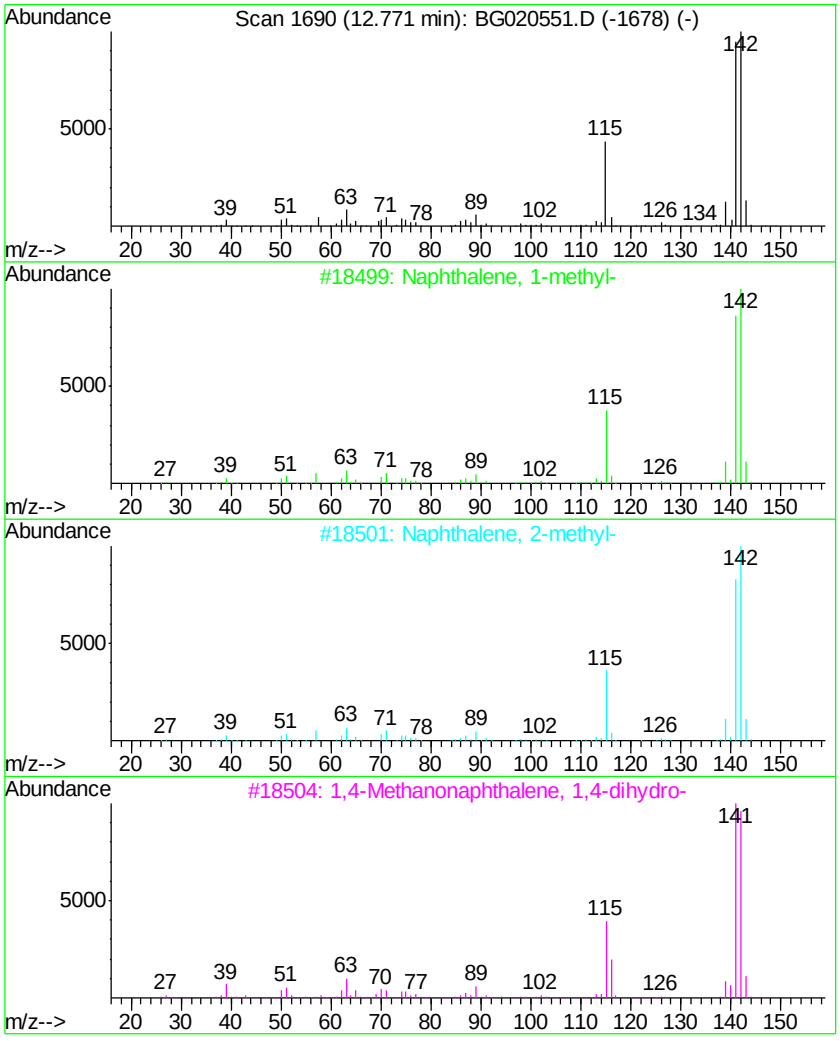
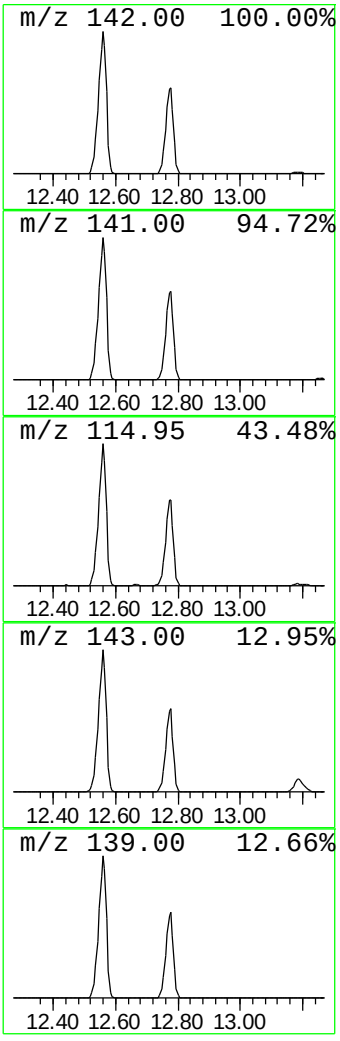
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.64 ng/ul	2494970	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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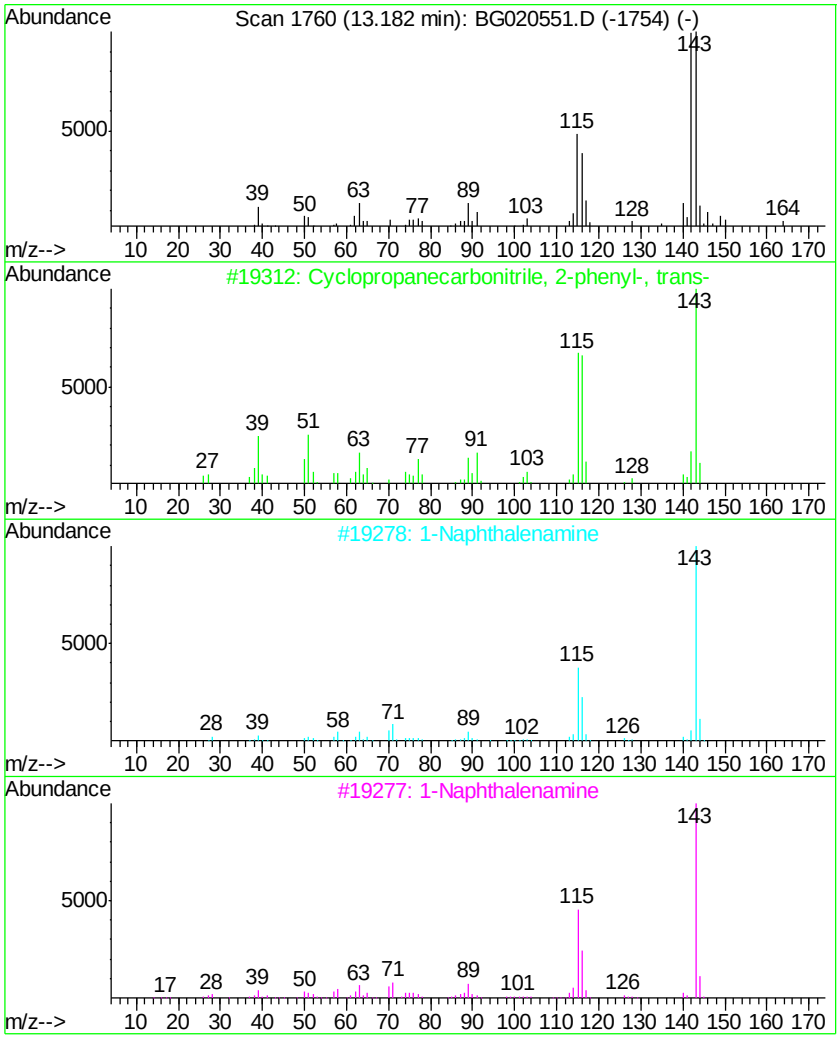
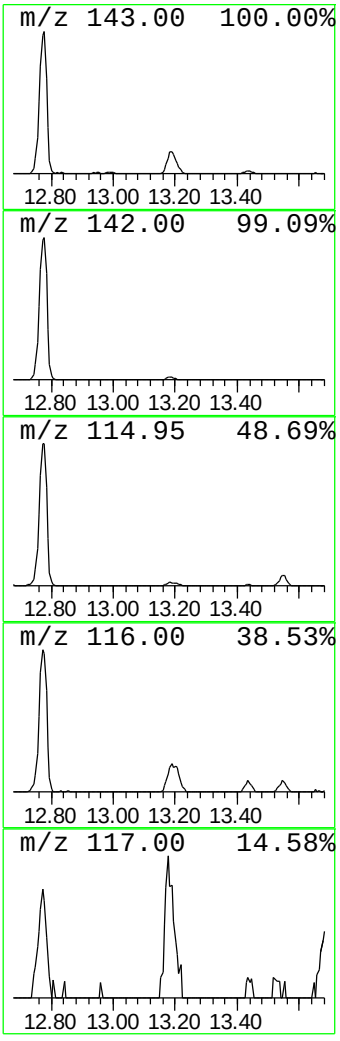
Peak Number 9 Cyclopropanecarbonitrile, 2... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	7.17 ng/ul	91367	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarbonitrile, 2-phen...	143	C10H9N	005590-14-7	64
2	1-Naphthalenamine	143	C10H9N	000134-32-7	64
3	1-Naphthalenamine	143	C10H9N	000134-32-7	64
4	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	62
5	1-Phenyl-1-cyclopropanecarbonitrile	143	C10H9N	000935-44-4	62





Library Search Compound Report

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Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	21.55 ng/ul	274756	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
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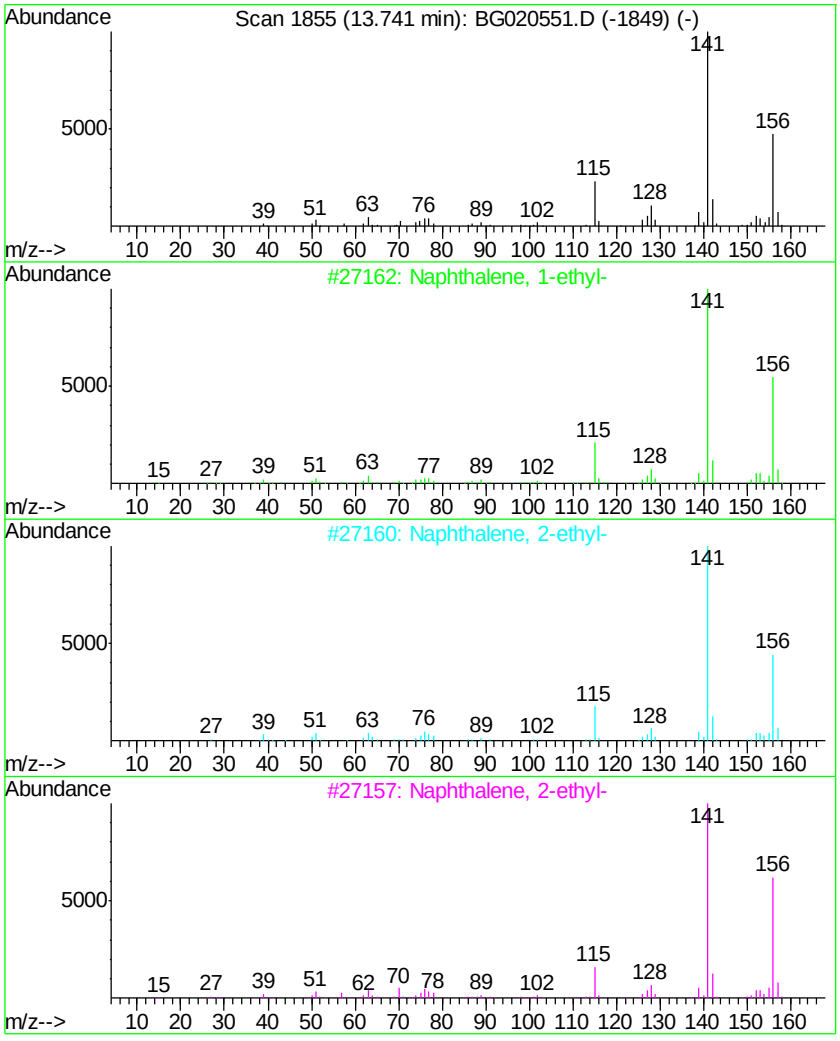

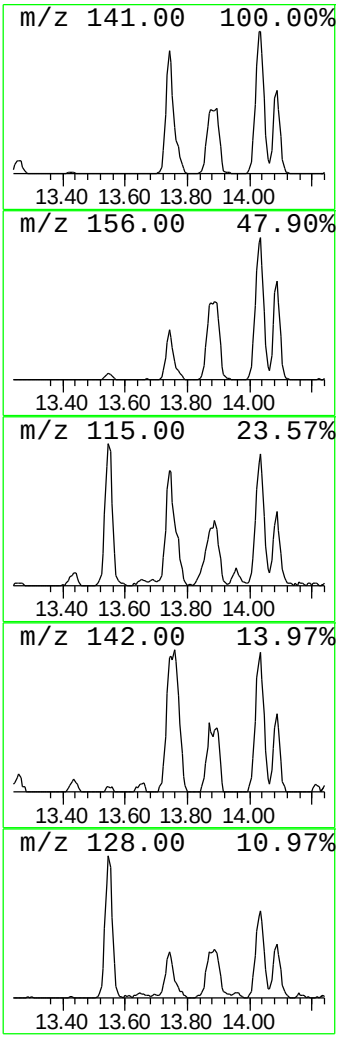

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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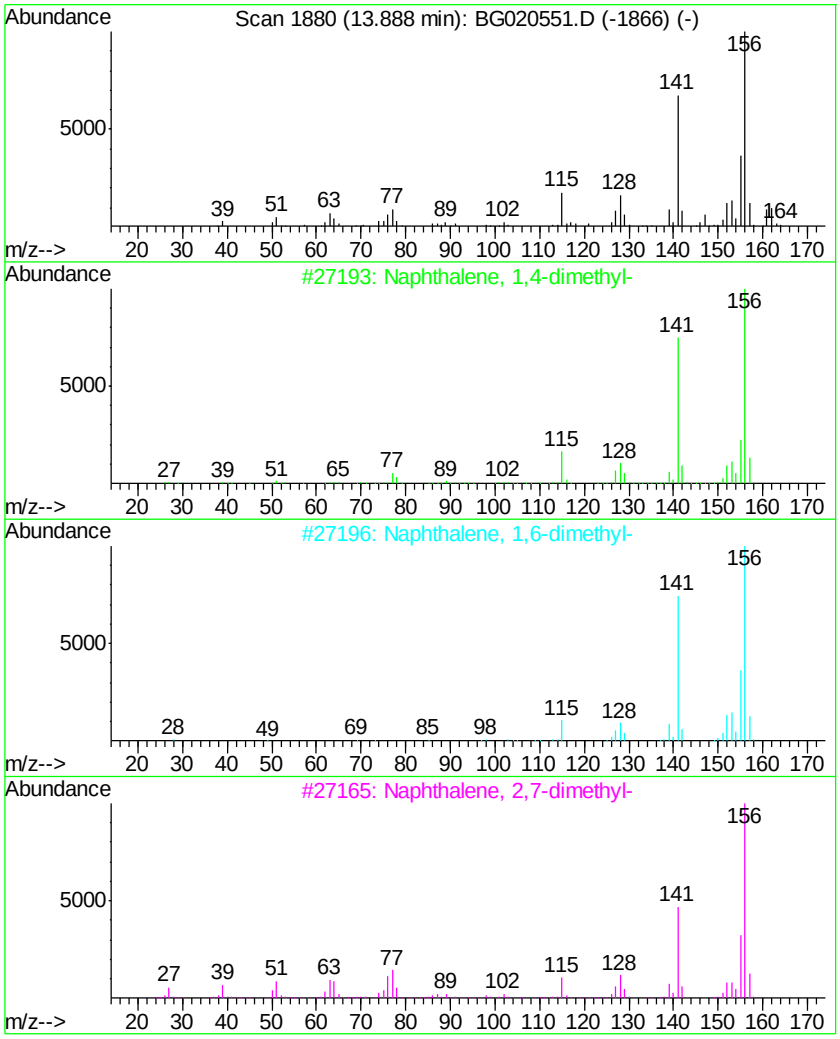
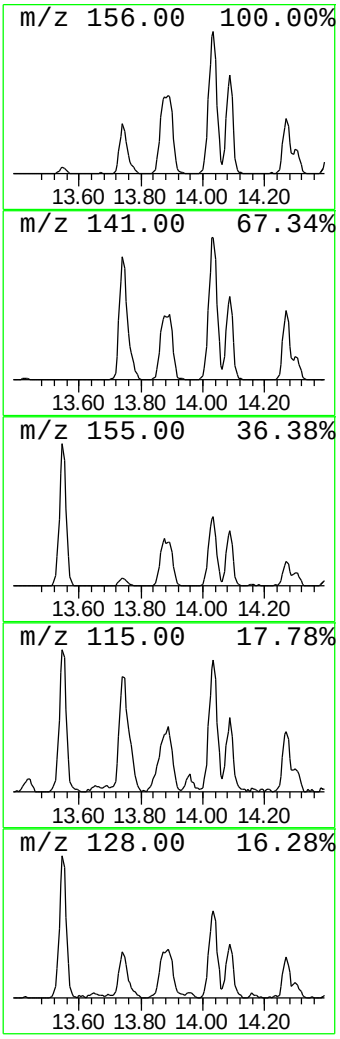
Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	29.84 ng/ul	380505	Acenaphthene-d10	14.72

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





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Instrument : BNA_G
ClientSampleId : D9N61

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Quant Title : SVOA CALIBRATION

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

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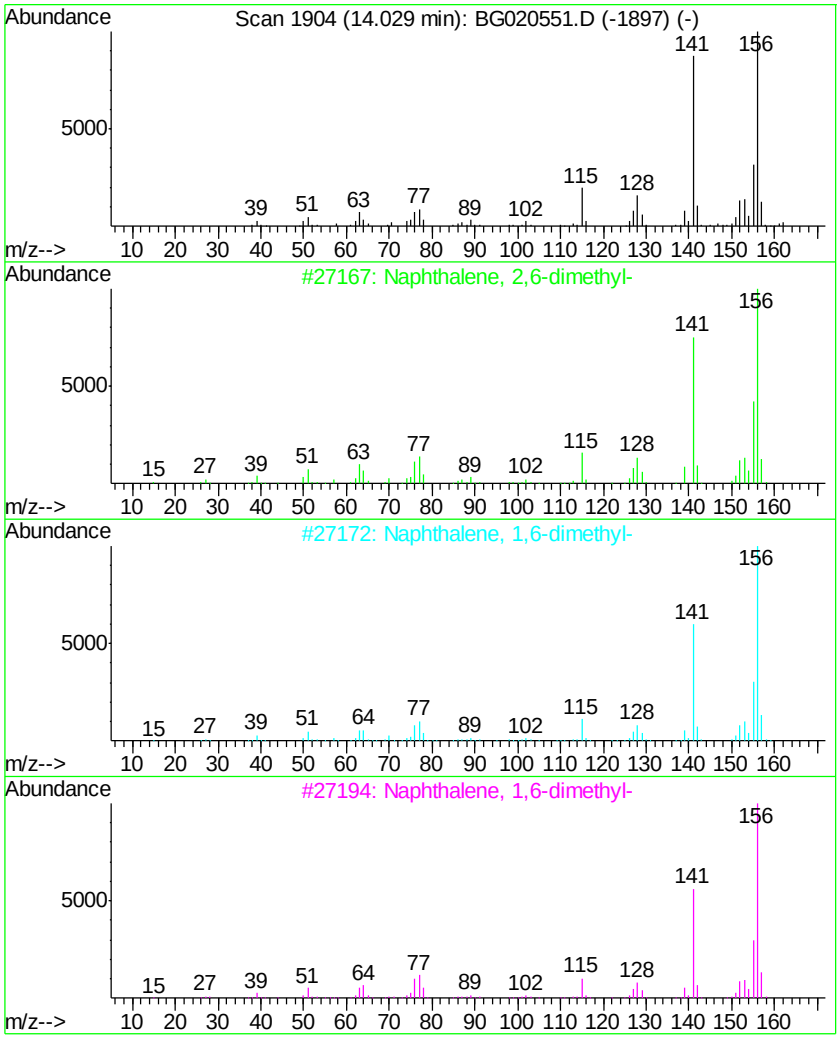
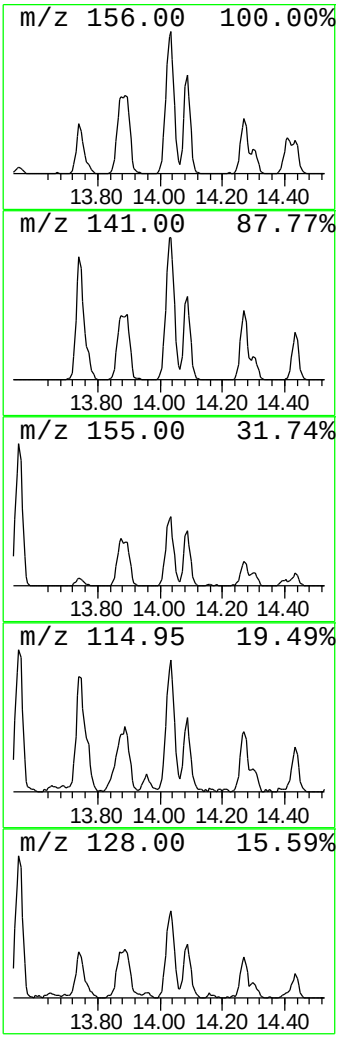
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	35.15 ng/ul	448204	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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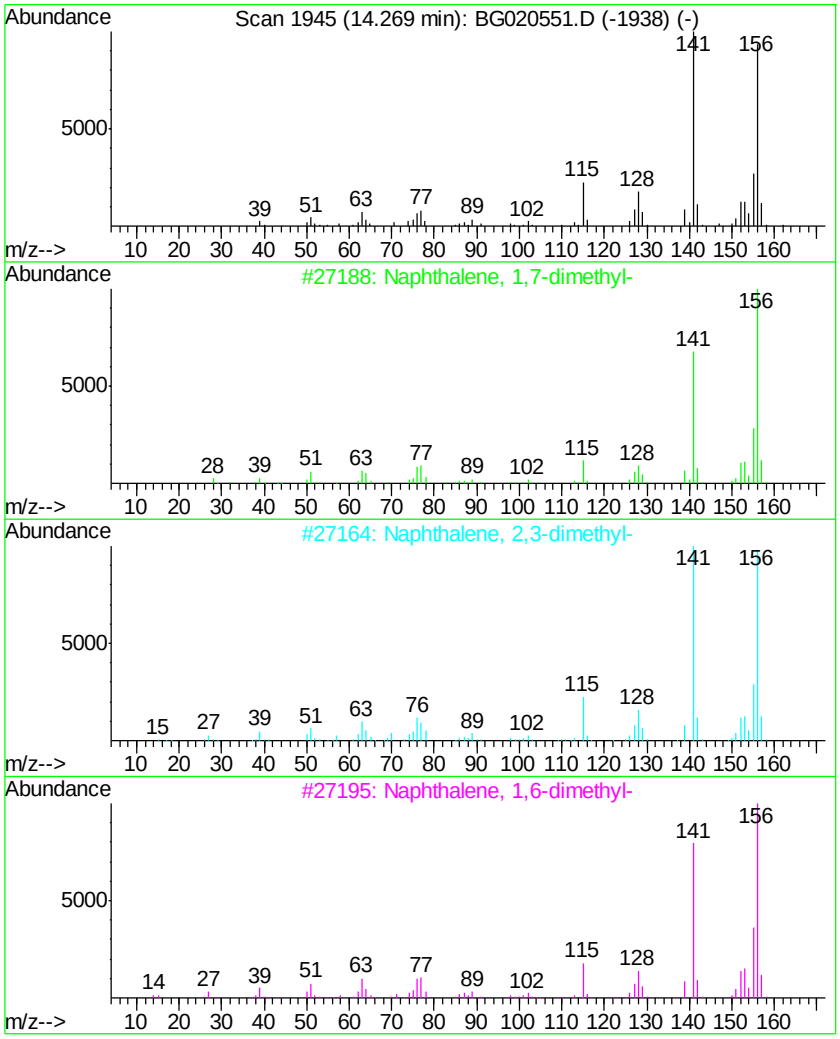
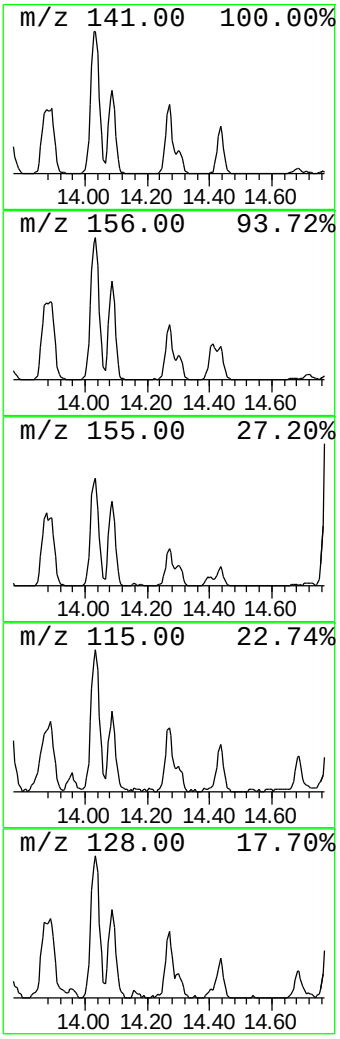
Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	12.91 ng/ul	164563	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

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Operator : UM/SJ
Sample : G4846-15
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 2-Naphthalenecarbonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	98.77 ng/ul	1259420	Acenaphthene-d10	14.72

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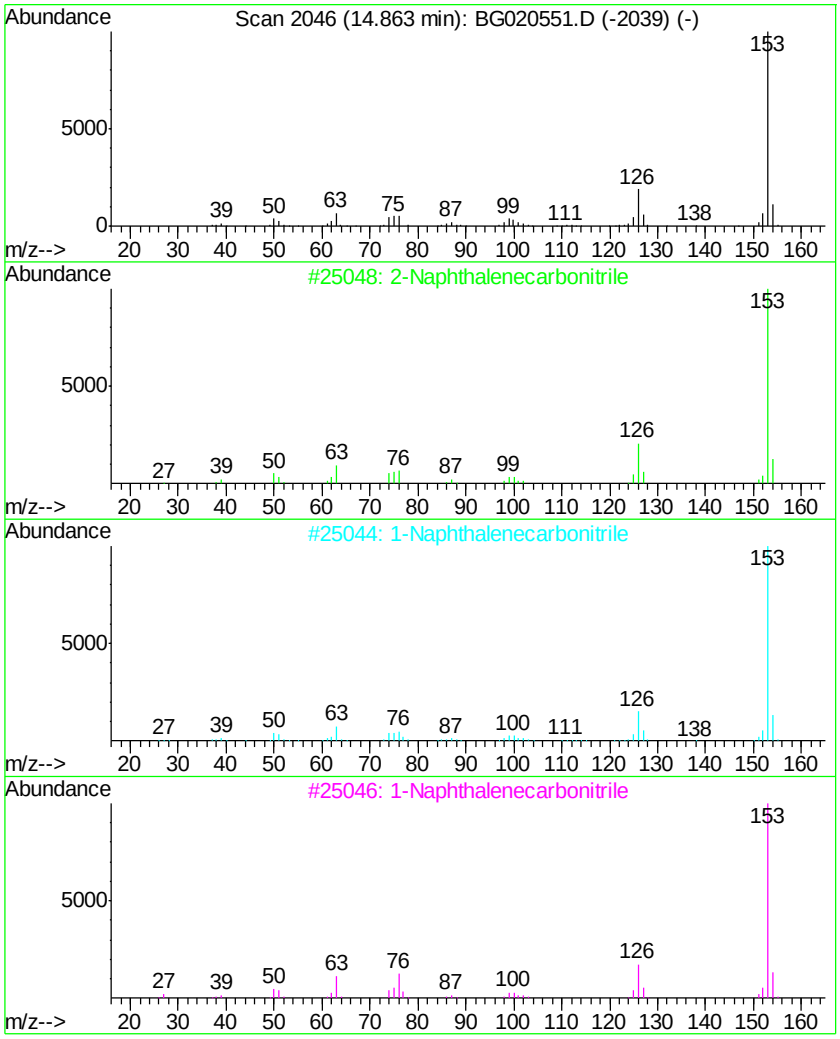

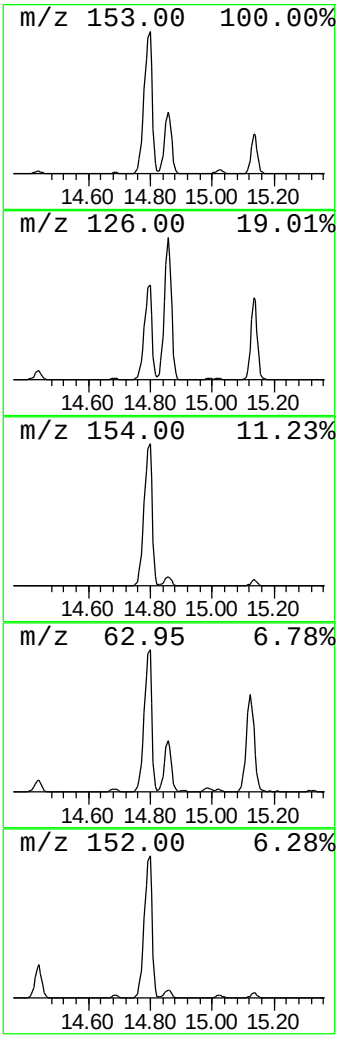

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Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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Quant Title : SVOA CALIBRATION

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

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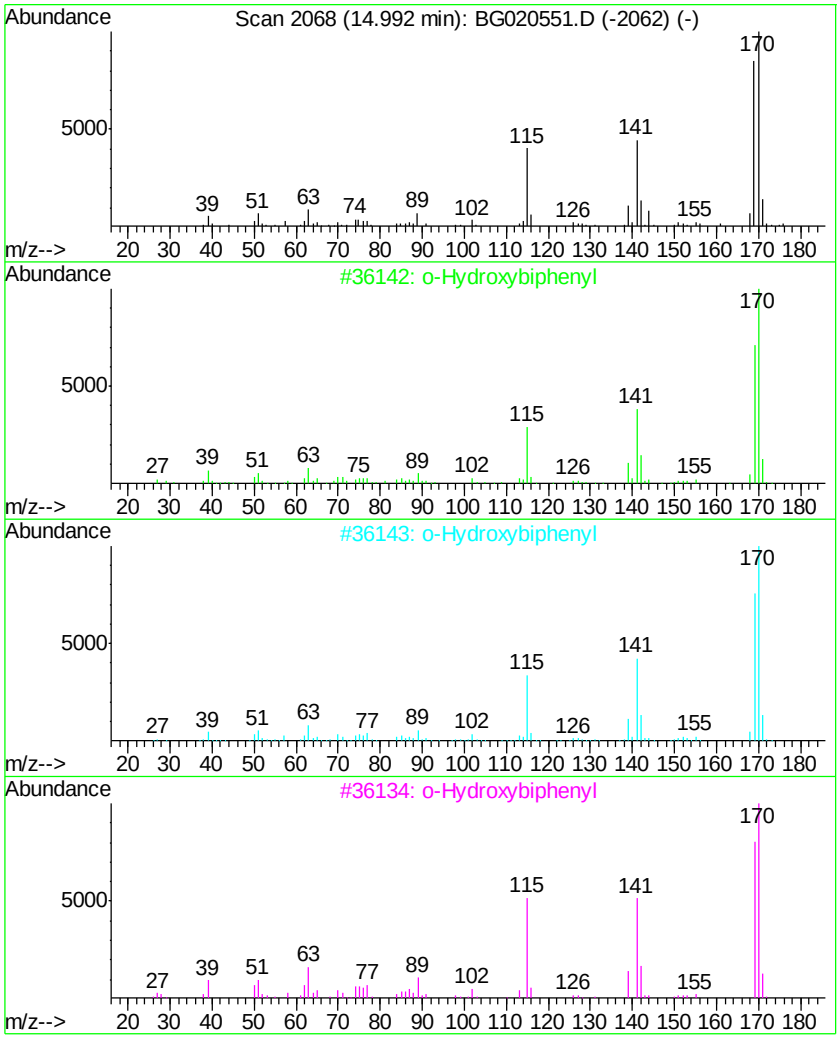
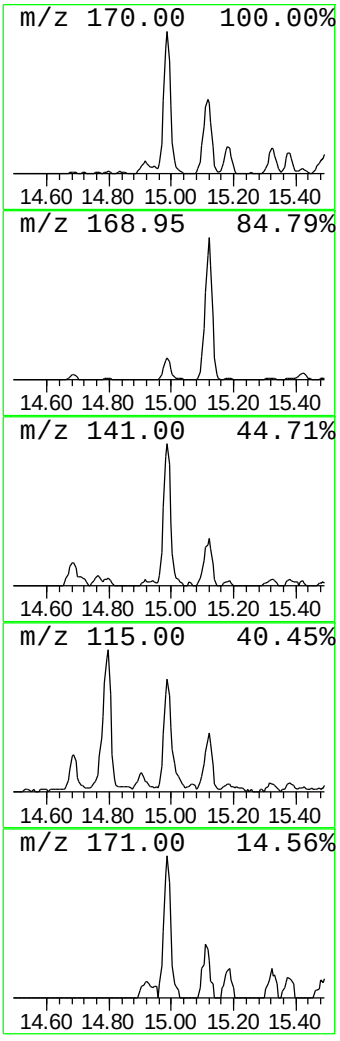
Peak Number 15 o-Hydroxybiphenyl Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	11.82 ng/ul	150722	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91
5	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	58





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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Quant Title : SVOA CALIBRATION

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

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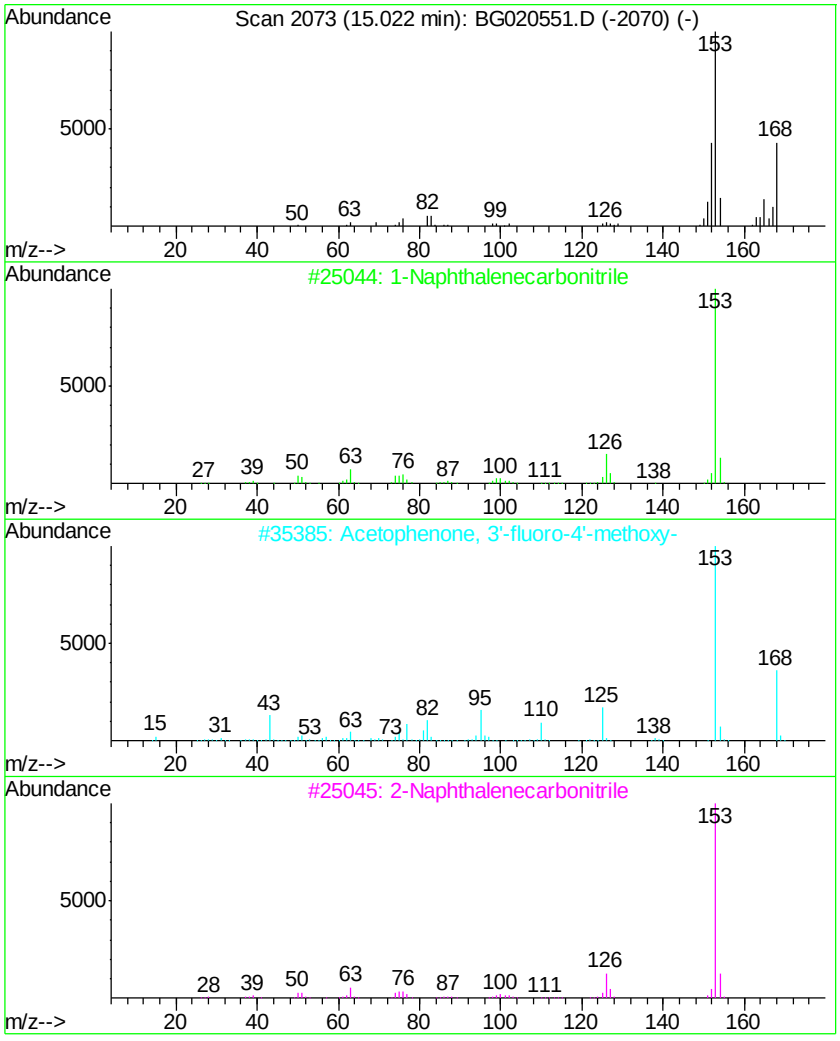
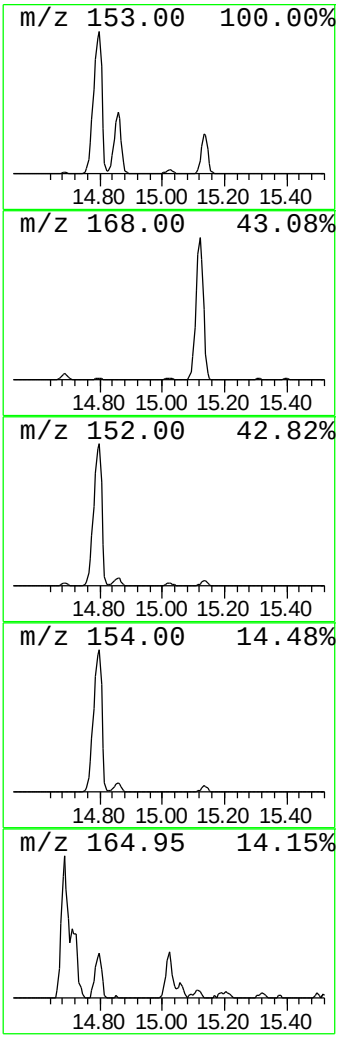
Peak Number 16 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	7.03 ng/ul	89691	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	35
2	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	28
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	17
4	Benzoxazole-3-carboxamide, 2,3-d...	288	C14H9ClN2O3	1000271-25-6	12
5	Benzeneacetonitrile, 2,4-difluoro-	153	C8H5F2N	000656-35-9	9





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Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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Quant Title : SVOA CALIBRATION

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

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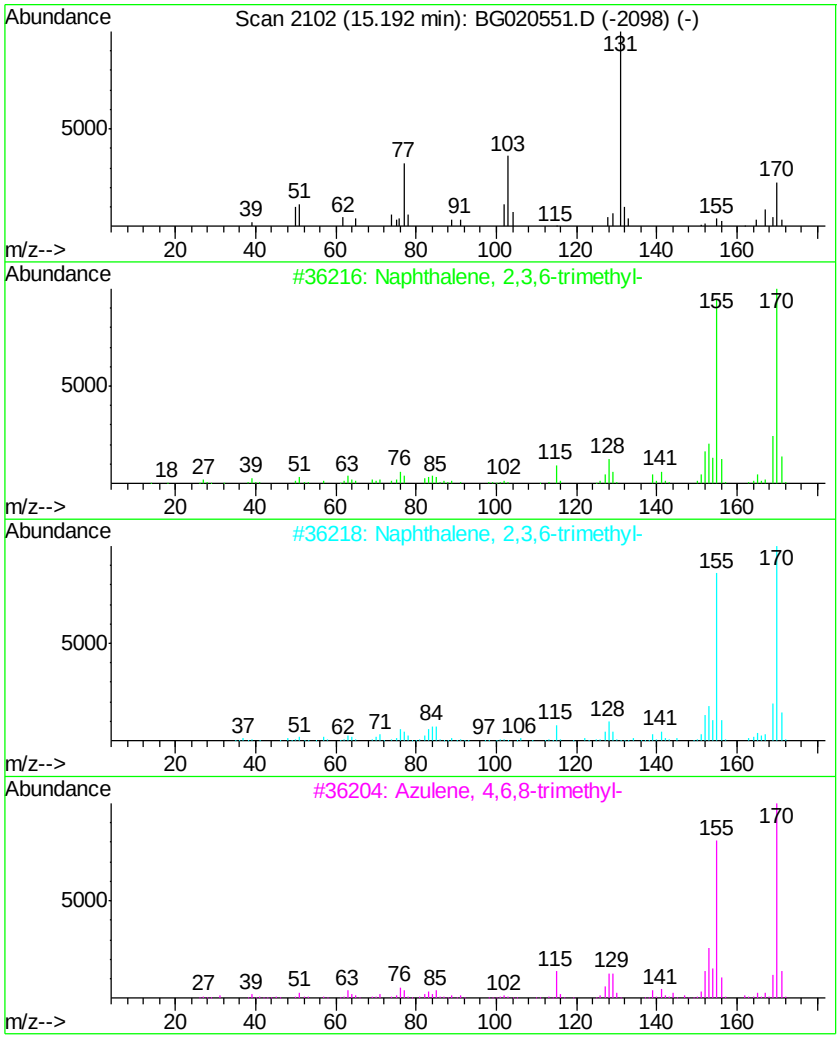
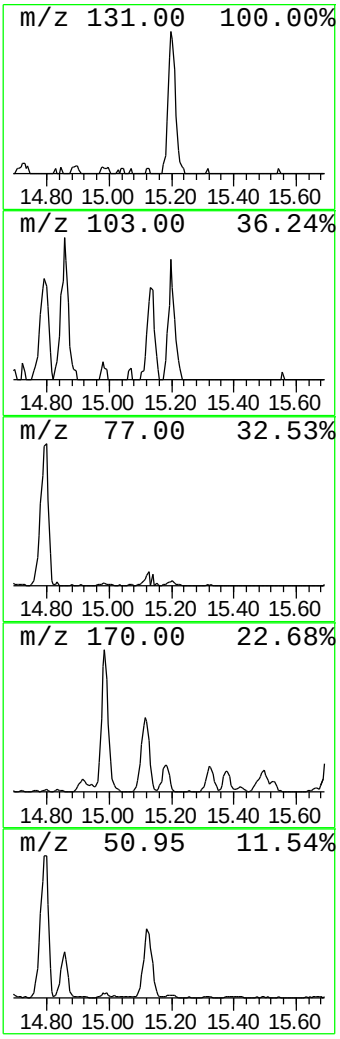
Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.40 ng/ul	56059	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	53
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
3	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	49
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	46





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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Quant Title : SVOA CALIBRATION

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

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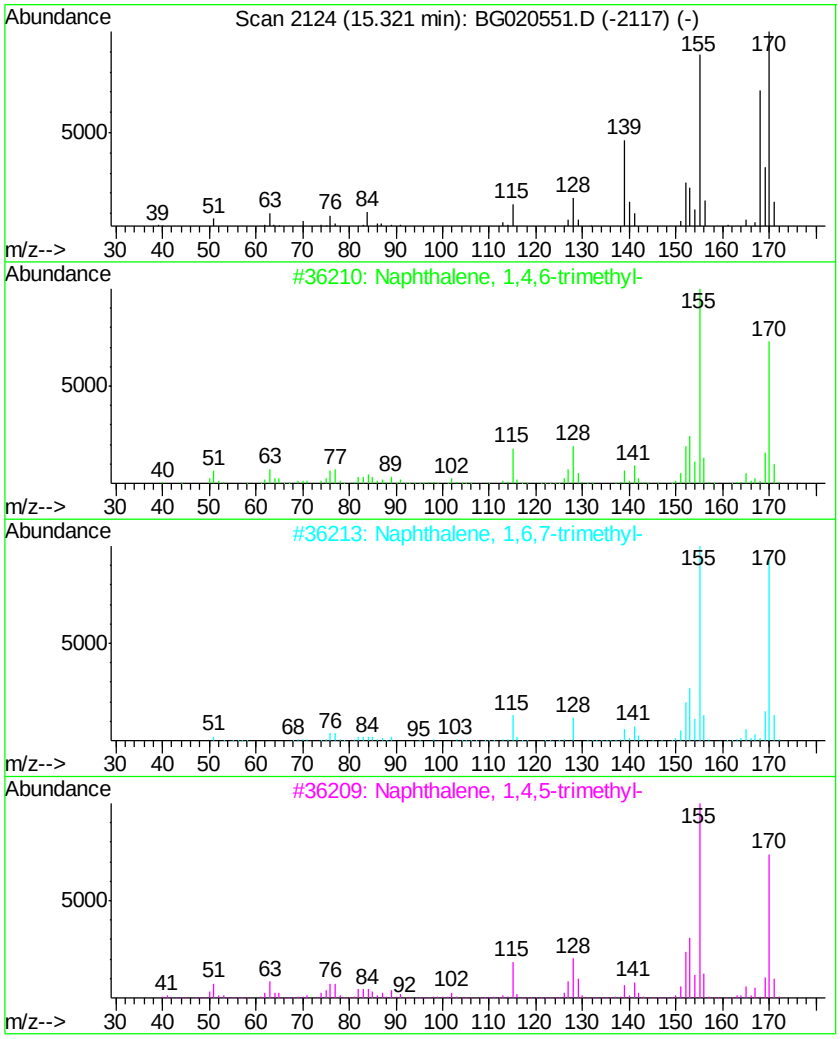
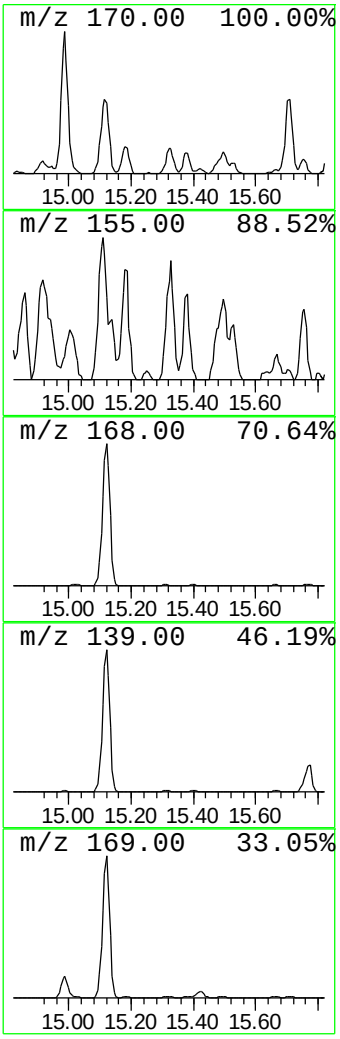
Peak Number 18 Naphthalene, 1,4,6-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	4.29 ng/ul	54642	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	84
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50





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Quant Title : SVOA CALIBRATION

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

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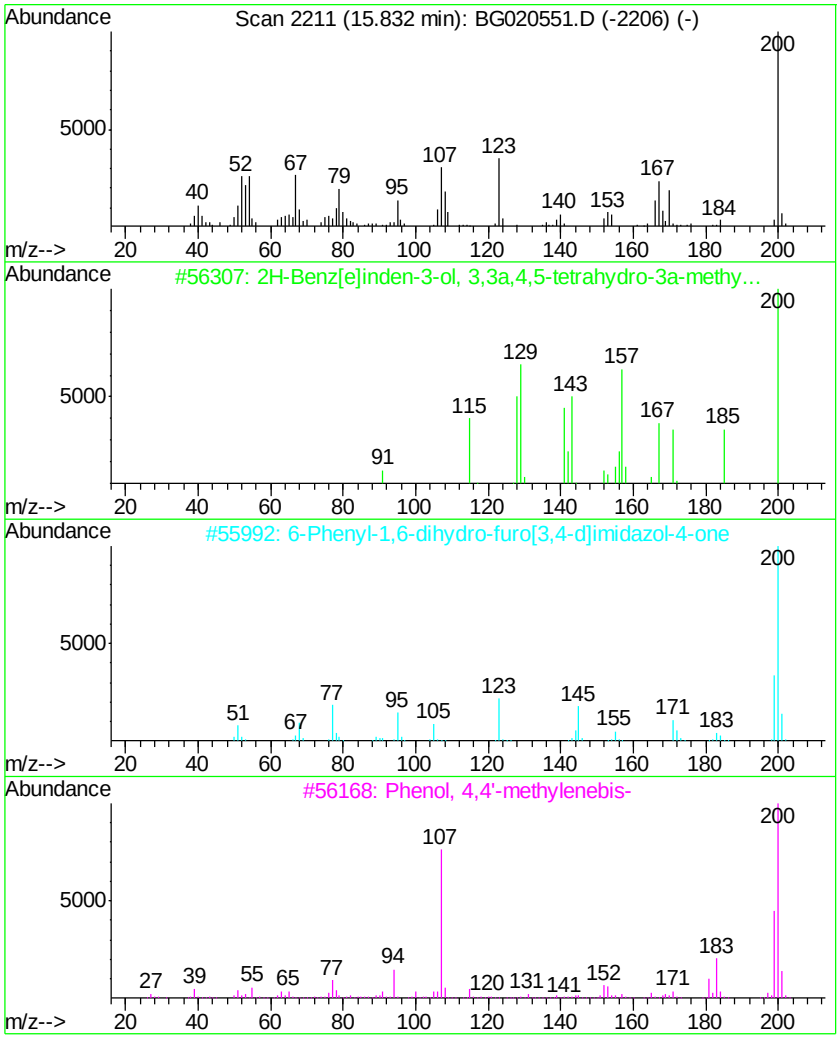
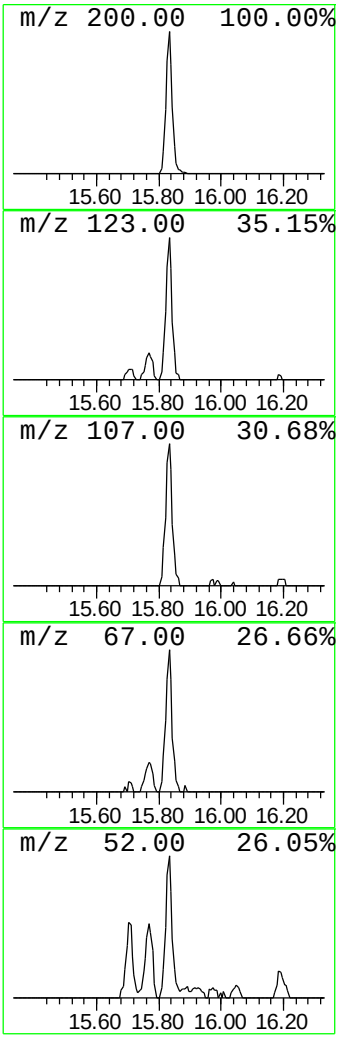
Peak Number 20 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	17.51 ng/ul	223244	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	30
2	6-Phenyl-1,6-dihydro-furo[3,4-d]...	200	C11H8N2O2	313263-12-6	22
3	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	16
4	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
5	Benzenemethanol, 3-phenoxy-	200	C13H12O2	013826-35-2	12





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Sample : G4846-15
Misc :
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Instrument : BNA_G
ClientSampleId : D9N61

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Quant Title : SVOA CALIBRATION

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

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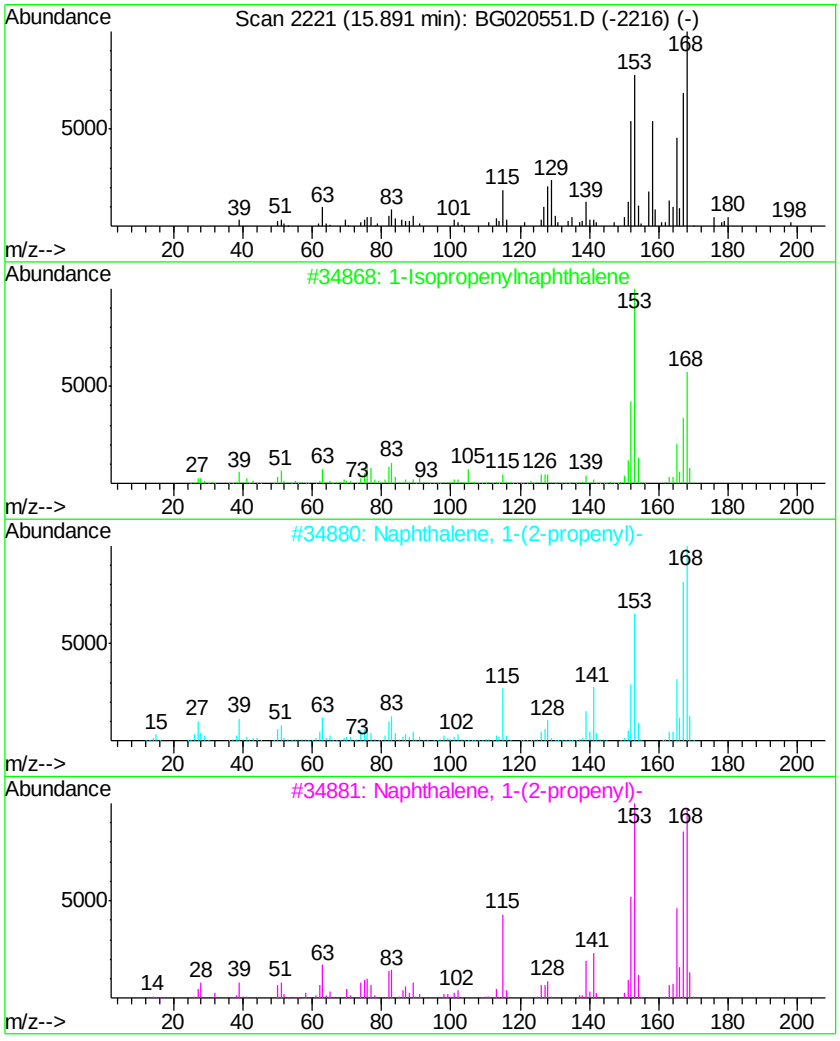
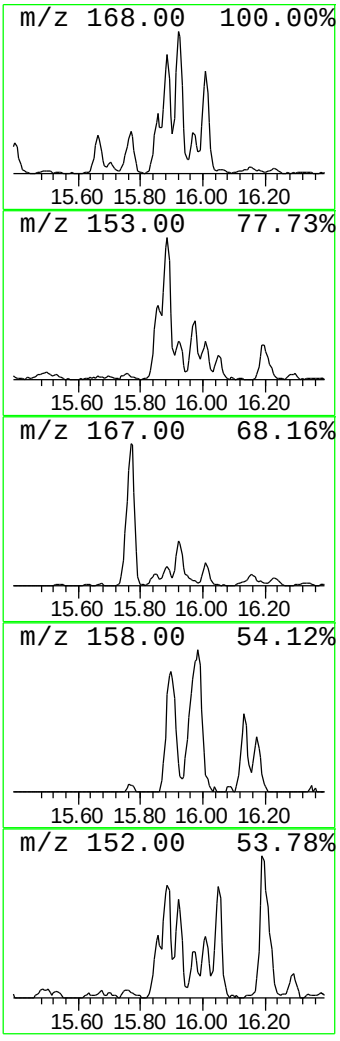
Peak Number 21 1-Isopropenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	19.28 ng/ul	245848	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	70
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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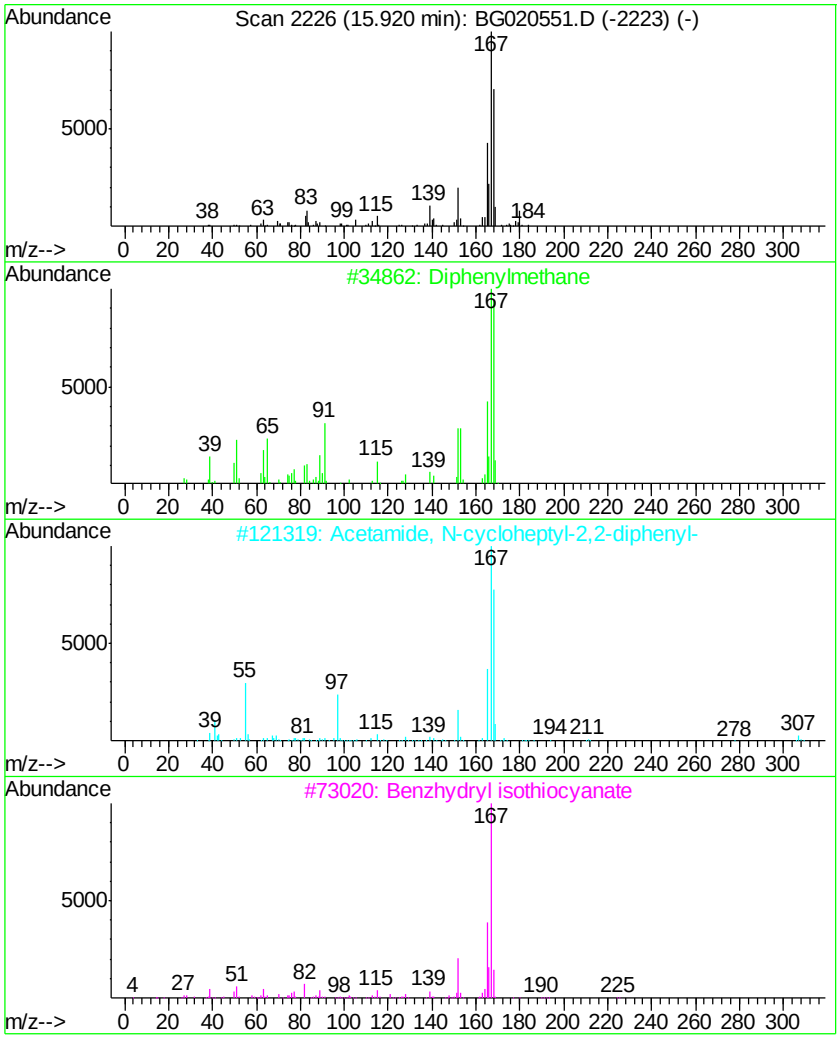
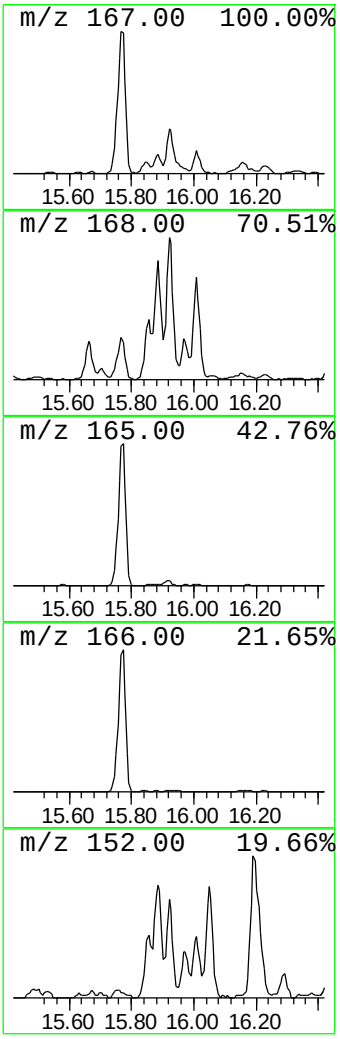
Peak Number 22 Diphenylmethane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	21.12 ng/ul	269294	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	64
2	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	64
3	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	59
4	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	59
5	1,2-Diphenylethyl isothiocyanate	239	C15H13NS	1000134-54-2	53





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Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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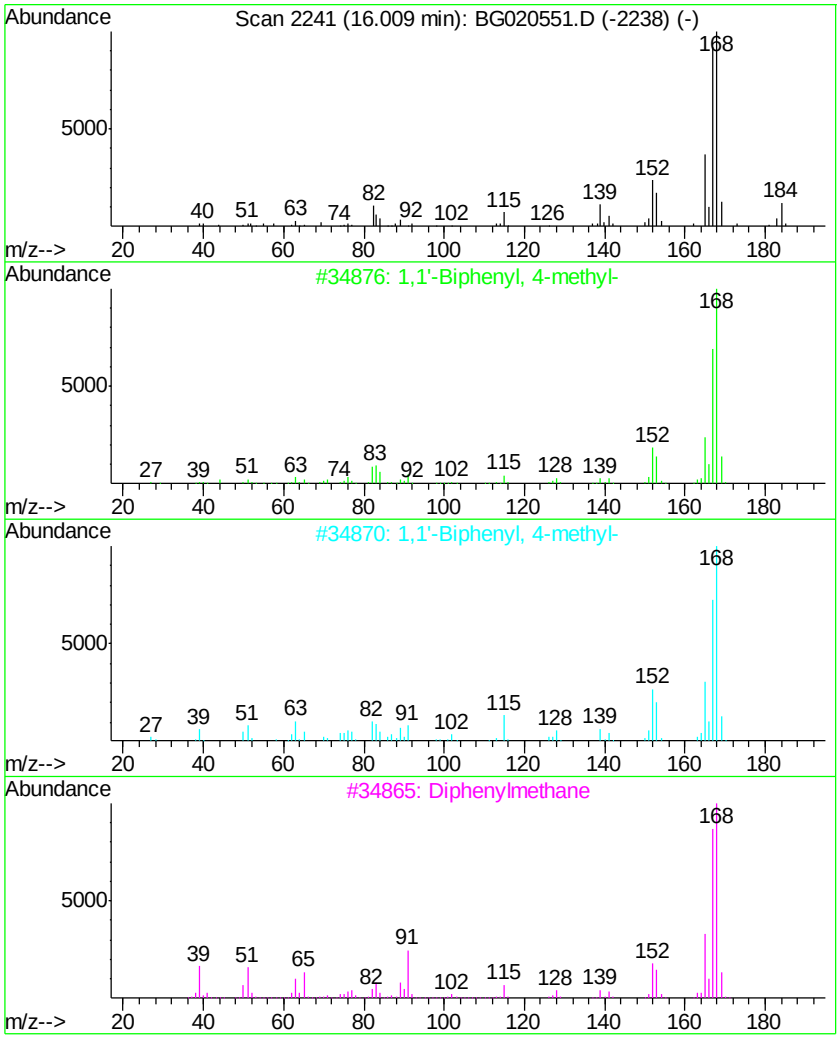
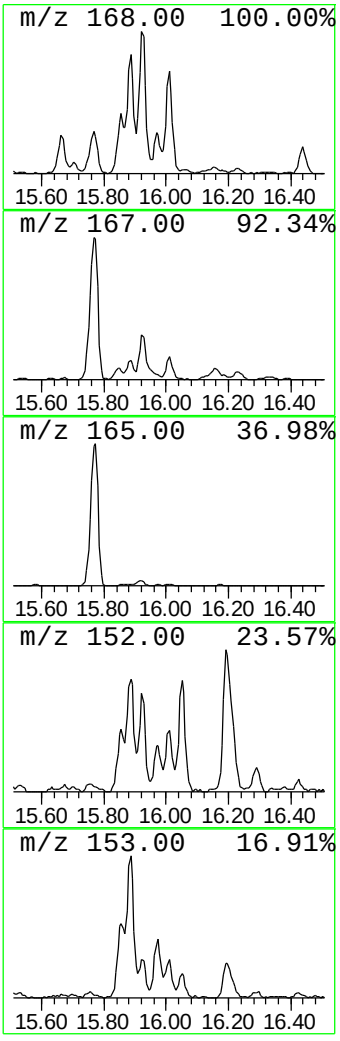
Peak Number 24 1,1'-Biphenyl, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	10.47 ng/ul	133502	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83
3	Diphenylmethane	168	C13H12	000101-81-5	80
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	72
5	Diphenylmethane	168	C13H12	000101-81-5	72





Library Search Compound Report

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Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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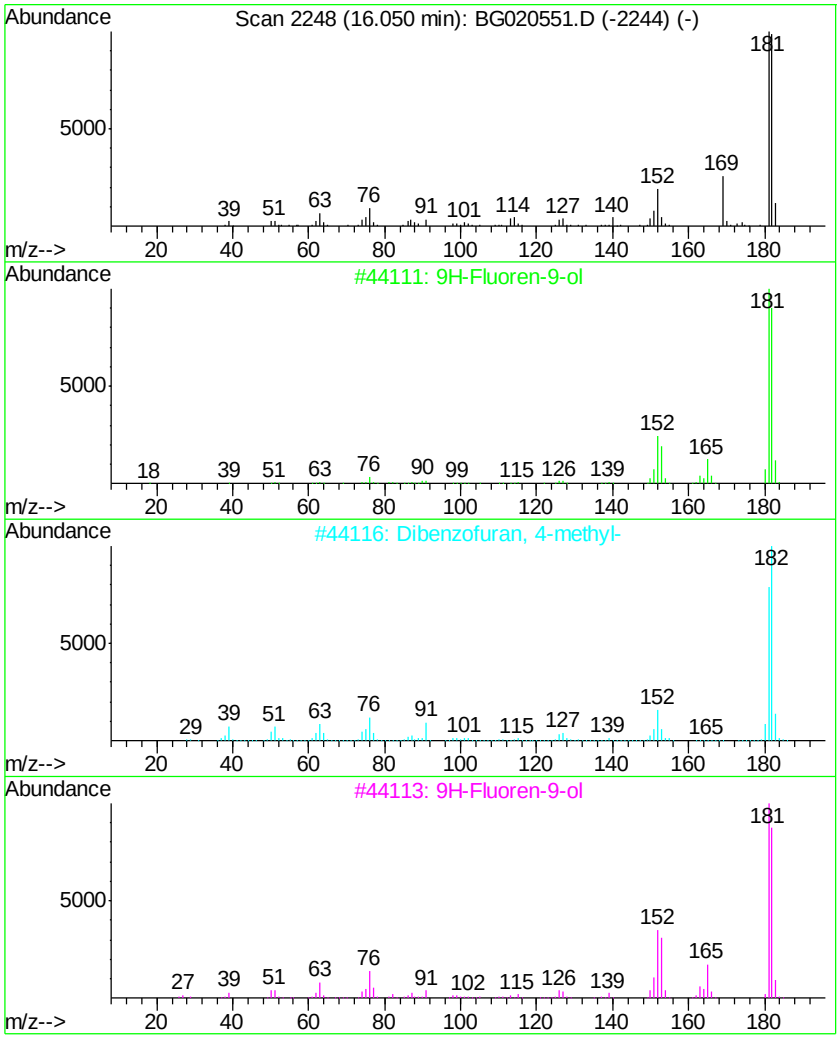
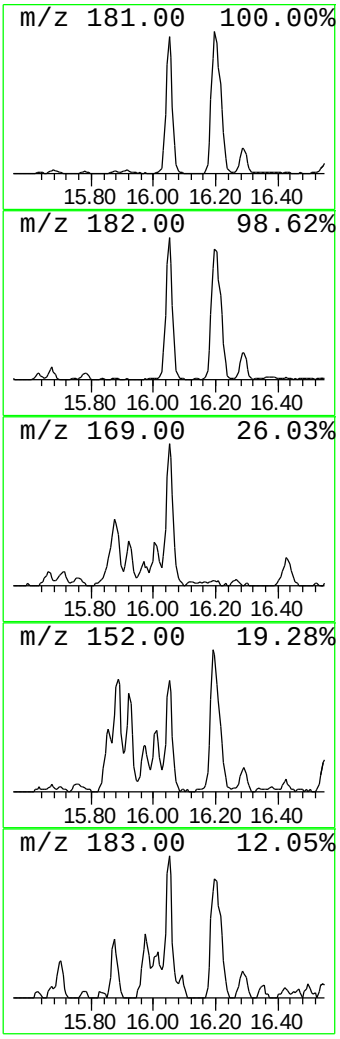
Peak Number 25 9H-Fluoren-9-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	18.00 ng/ul	229519	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	70
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	59
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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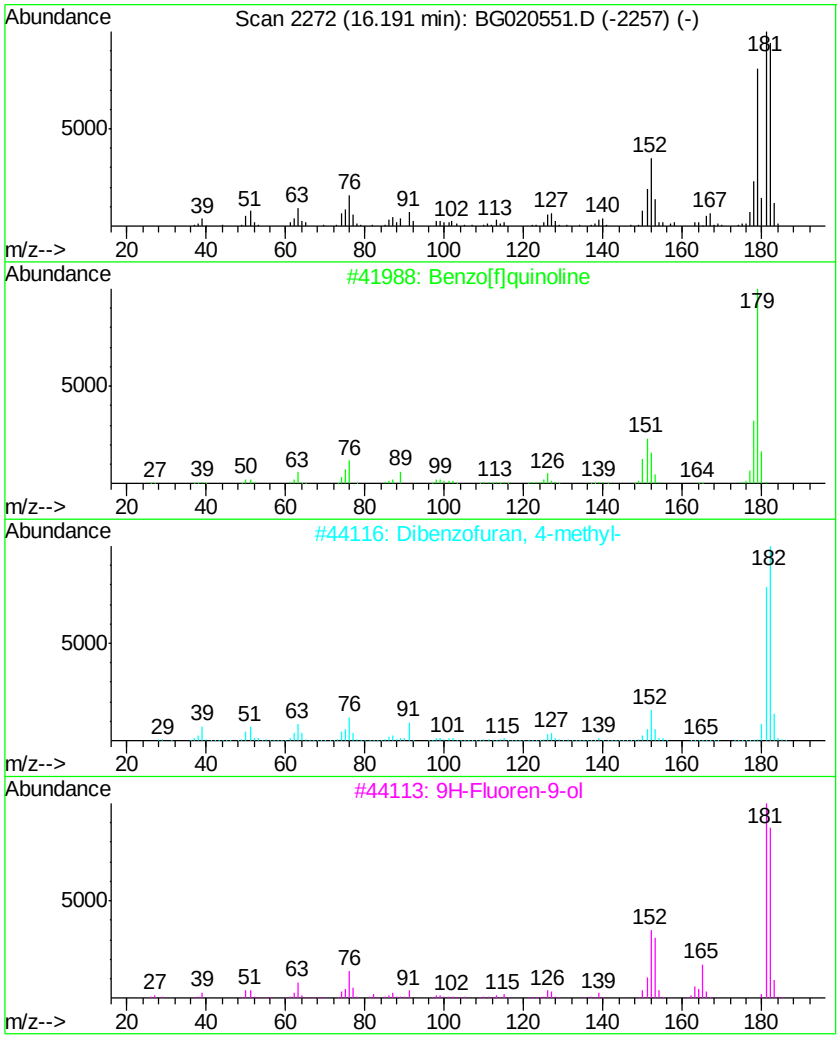
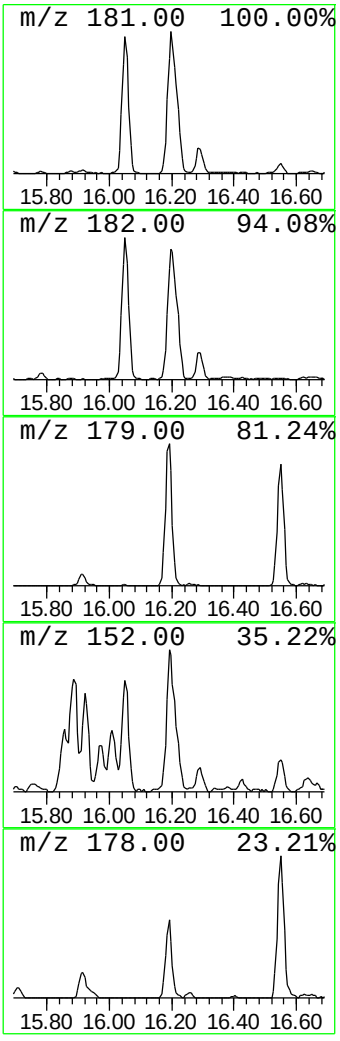
Peak Number 26 Benzo[f]quinoline Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	24.27 ng/ul	499739	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[f]quinoline	179	C13H9N	000085-02-9	83
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	60
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	46





Library Search Compound Report

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Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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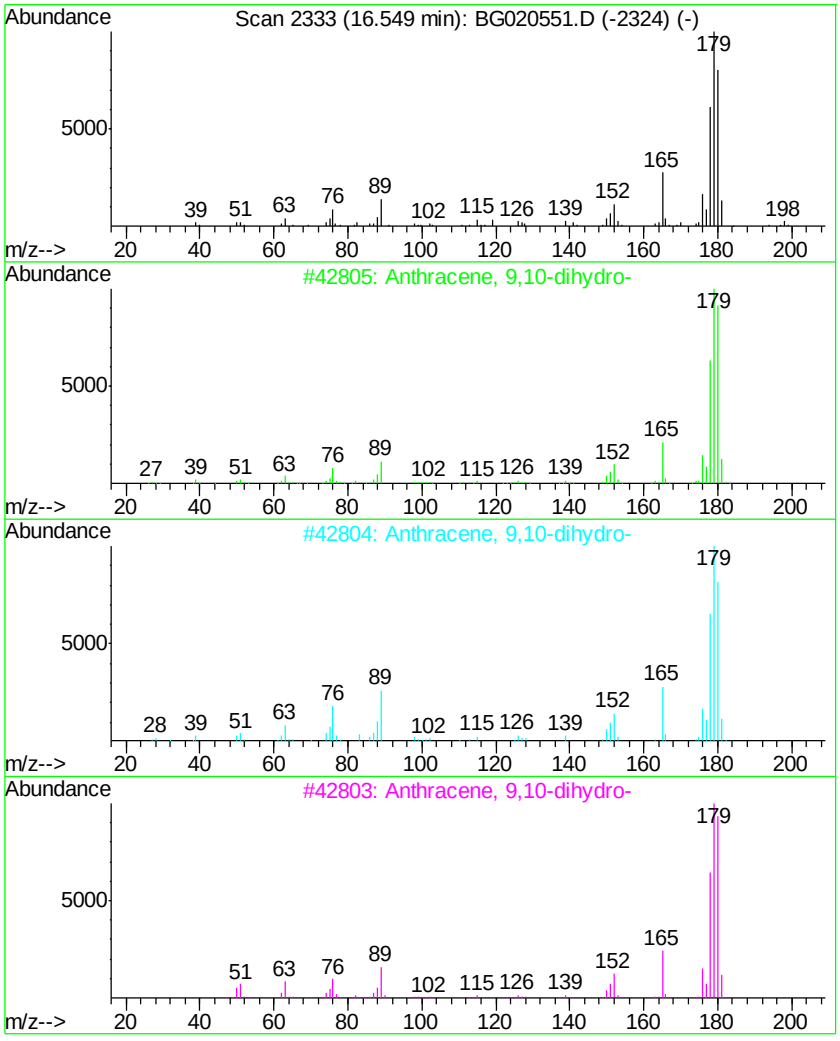
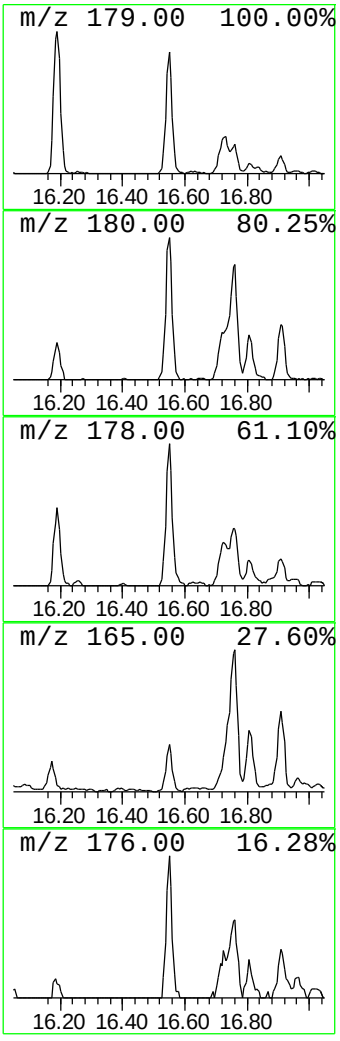
Peak Number 27 Anthracene, 9,10-dihydro- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	7.15 ng/ul	147275	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	97
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, 1,2-dihydro-	180	C14H12	056179-83-0	92





Library Search Compound Report

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Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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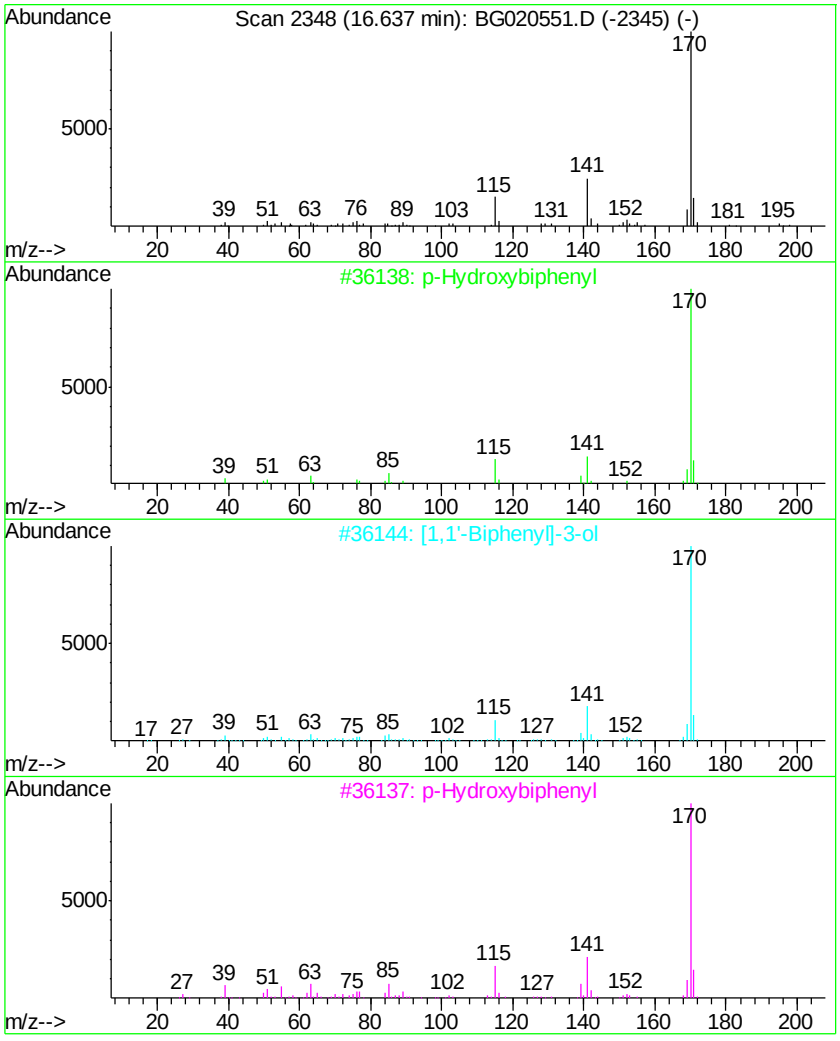
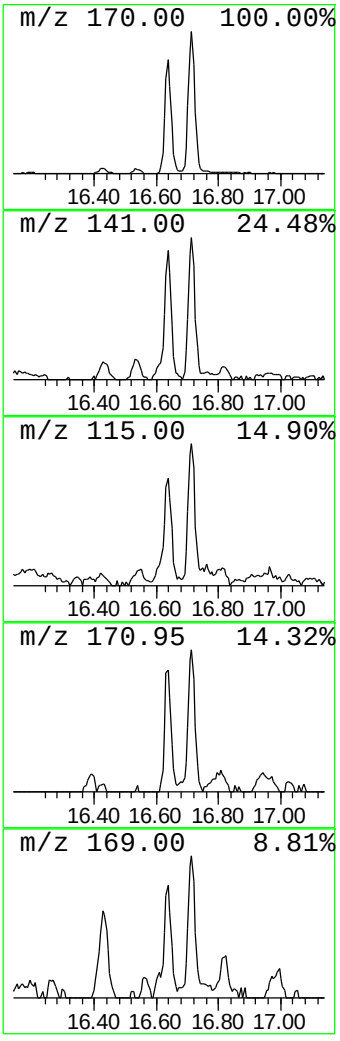
Peak Number 28 p-Hydroxybiphenyl Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	5.72 ng/ul	117760	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
2	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	90
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
4	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	87
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87





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Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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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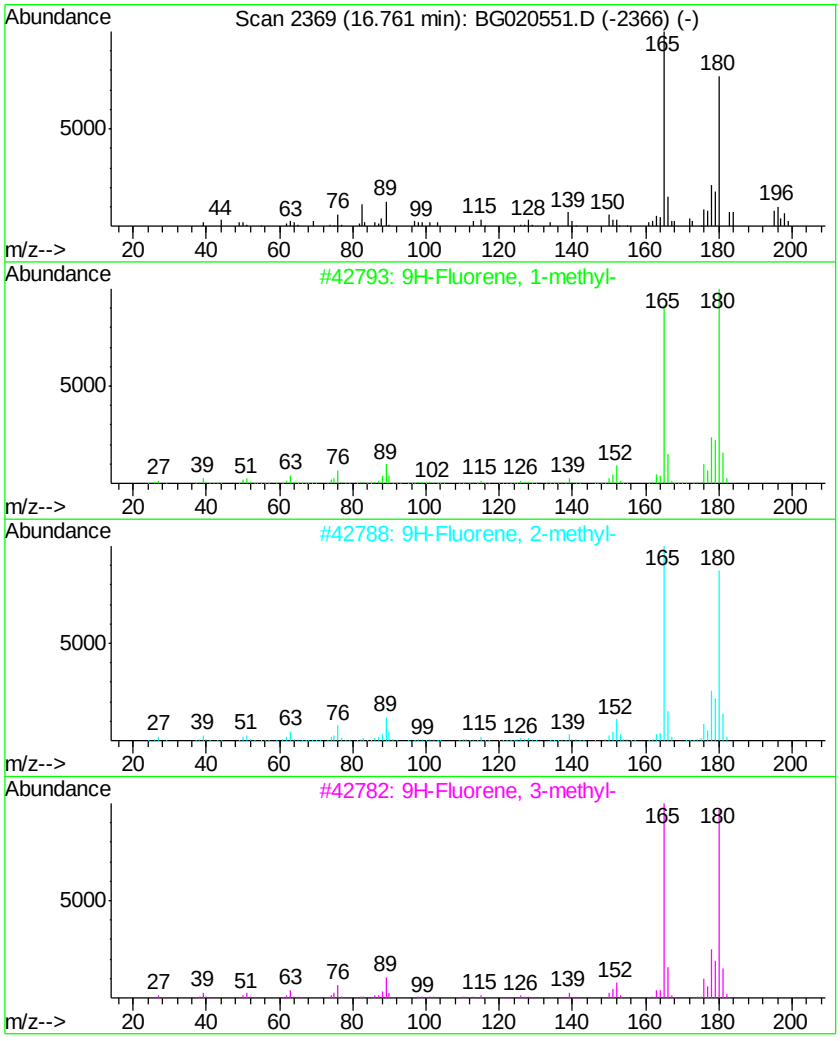
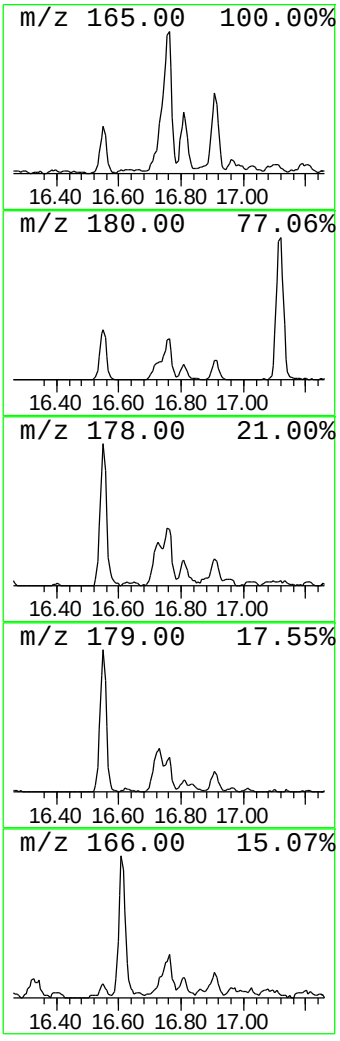
Peak Number 30 9H-Fluorene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	5.91 ng/ul	121703	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020551.D
Acq On : 27 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

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	7.79	23.2	ng/ul	128046	1	8.08	110415	20.0
Indane	8.45	45.6	ng/ul	251788	1	8.08	110415	20.0
Indene	8.62	297.1	ng/ul	1640150	1	8.08	110415	20.0
Benzofuran, 7-met...	9.44	10.3	ng/ul	56637	1	8.08	110415	20.0
Naphthalene, 1-me...	12.77	2.6	ng/ul	2494970	2	10.91	18918500	20.0
Cyclopropanecarbo...	13.18	7.2	ng/ul	91367	3	14.72	255029	20.0
Naphthalene, 1-et...	13.74	21.6	ng/ul	274756	3	14.72	255029	20.0
Naphthalene, 1,4-...	13.89	29.8	ng/ul	380505	3	14.72	255029	20.0
Naphthalene, 2,6-...	14.03	35.1	ng/ul	448204	3	14.72	255029	20.0
Naphthalene, 1,7-...	14.27	12.9	ng/ul	164563	3	14.72	255029	20.0
2-Naphthalenecarb...	14.86	98.8	ng/ul	1259420	3	14.72	255029	20.0
o-Hydroxybiphenyl	14.99	11.8	ng/ul	150722	3	14.72	255029	20.0
unknown-01	15.02	7.0	ng/ul	89691	3	14.72	255029	20.0
Naphthalene, 2,3,...	15.19	4.4	ng/ul	56059	3	14.72	255029	20.0
Naphthalene, 1,4,...	15.32	4.3	ng/ul	54642	3	14.72	255029	20.0
unknown-02	15.83	17.5	ng/ul	223244	3	14.72	255029	20.0
1-Isopropenylnaph...	15.89	19.3	ng/ul	245848	3	14.72	255029	20.0
Diphenylmethane	15.92	21.1	ng/ul	269294	3	14.72	255029	20.0
1,1'-Biphenyl, 4-...	16.01	10.5	ng/ul	133502	3	14.72	255029	20.0
9H-Fluoren-9-ol	16.05	18.0	ng/ul	229519	3	14.72	255029	20.0
Benzo[f]quinoline	16.19	24.3	ng/ul	499739	4	17.47	411753	20.0
Anthracene, 9,10-...	16.55	7.2	ng/ul	147275	4	17.47	411753	20.0
p-Hydroxybiphenyl	16.64	5.7	ng/ul	117760	4	17.47	411753	20.0
9H-Fluorene, 1-me...	16.76	5.9	ng/ul	121703	4	17.47	411753	20.0