LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020659.D
Acq On : 5 Jan 2016 17:44
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

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-BG123015.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	3.063	32	38	47	rBV	38877	78395	0.88%	0.173%
2	3.146	47	52	62	rVB	31208	48053	0.54%	0.106%
3	7.211	738	744	749	rVV2	16325	29893	0.34%	0.066%
4	7.370	765	771	780	rBV	62767	106070	1.19%	0.234%
5	7.582	802	807	816	rVV	65752	109595	1.23%	0.242%
6	7.770	832	839	846	rBV	21520	36418	0.41%	0.080%
7	8.052	881	887	894	rBV2	57550	96498	1.09%	0.213%
8	8.428	944	951	959	rBB	43596	71417	0.80%	0.157%
9	8.592	972	979	989	rBV	287669	493295	5.55%	1.087%
10	8.763	1002	1008	1016	rBV	54696	96108	1.08%	0.212%
11	9.221	1080	1086	1094	rBV	83181	157002	1.77%	0.346%
12	9.538	1129	1140	1146	rBV3	35571	79073	0.89%	0.174%
13	9.949	1204	1210	1219	rBV	74916	134304	1.51%	0.296%
14	10.261	1257	1263	1265	rBV3	19003	31804	0.36%	0.070%
15	10.361	1274	1280	1285	rBV2	18763	35771	0.40%	0.079%
16	10.496	1296	1303	1312	rBV	116415	211722	2.38%	0.467%
17	10.878	1360	1368	1369	rVV	70807	107659	1.21%	0.237%
18	10.954	1369	1381	1390	rVV	3665525	8882400	100.00%	19.578%
19	11.048	1390	1397	1405	rVB	239514	417806	4.70%	0.921%
20	12.417	1623	1630	1639	rVB	33640	59427	0.67%	0.131%
21	12.529	1639	1649	1661	rBV	1279476	2162849	24.35%	4.767%
22	12.640	1661	1668	1674	rVV	43825	77853	0.88%	0.172%
23	12.746	1674	1686	1695	rVB	875094	1489763	16.77%	3.284%
24	13.157	1749	1756	1764	rBB2	20337	36185	0.41%	0.080%
25	13.522	1810	1818	1828	rBV	512784	792134	8.92%	1.746%
26	13.716	1844	1851	1864	rVB	98918	211529	2.38%	0.466%
27	13.868	1864	1877	1884	rBV2	86965	239926	2.70%	0.529%
28	14.009	1893	1901	1906	rVV	174863	325107	3.66%	0.717%
29	14.062	1906	1910	1911	rVV	109718	132875	1.50%	0.293%
30	14.092	1911	1915	1921	rVV	264892	410107	4.62%	0.904%
31	14.244	1935	1941	1945	rBV	69058	119962	1.35%	0.264%
32	14.280	1945	1947	1953	rVB	30715	34753	0.39%	0.077%
33	14.385	1958	1965	1968	rBV	272776	470226	5.29%	1.036%
34	14.662	2006	2012	2014	rBV	109964	160734	1.81%	0.354%

LSC Area Percent Report

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Data File : BG020659.D
Acq On : 5 Jan 2016 17:44
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

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-BG123015.M
Title : SVOA CALIBRATION

35	14.691	2014	2017	2022	rVV2	142702	234639	2.64%	0.517%
36	14.767	2022	2030	2035	rVV	2573286	4473018	50.36%	9.859%
37	14.826	2035	2040	2047	rVV	500421	802292	9.03%	1.768%
38	14.902	2047	2053	2059	rVV6	22916	50563	0.57%	0.111%
39	14.996	2059	2069	2073	rVV	66695	115538	1.30%	0.255%
40	15.096	2078	2086	2093	rBV2	1287145	2405385	27.08%	5.302%
41	15.173	2093	2099	2111	rVB2	55777	112295	1.26%	0.248%
42	15.296	2114	2120	2125	rBV3	21280	41811	0.47%	0.092%
43	15.355	2125	2130	2141	rVB4	15892	34498	0.39%	0.076%
44	15.472	2141	2150	2153	rBV2	13342	26907	0.30%	0.059%
45	15.684	2180	2186	2190	rVV	358818	542339	6.11%	1.195%
46	15.743	2190	2196	2203	rVB	1473344	2373744	26.72%	5.232%
47	15.813	2203	2208	2213	rBV3	116530	225051	2.53%	0.496%
48	15.860	2213	2216	2219	rVV2	90150	135399	1.52%	0.298%
49	15.895	2219	2222	2227	rVV3	123709	192048	2.16%	0.423%
50	15.948	2227	2231	2234	rVV2	34074	53961	0.61%	0.119%
51	15.984	2234	2237	2240	rVV	49221	66410	0.75%	0.146%
52	16.025	2240	2244	2252	rVB	114133	180323	2.03%	0.397%
53	16.172	2252	2269	2279	rBV4	149395	364459	4.10%	0.803%
54	16.412	2304	2310	2318	rVB	86615	141561	1.59%	0.312%
55	16.524	2321	2329	2335	rBV	86496	122316	1.38%	0.270%
56	16.589	2335	2340	2343	rBV2	22222	37760	0.43%	0.083%
57	16.706	2353	2360	2361	rBV5	36177	69203	0.78%	0.153%
58	16.736	2362	2365	2370	rVV	62245	90529	1.02%	0.200%
59	16.783	2370	2373	2380	rVV	25884	42603	0.48%	0.094%
60	16.882	2384	2390	2395	rVB	32800	54134	0.61%	0.119%
61	17.094	2420	2426	2432	rVB	231664	365234	4.11%	0.805%
62	17.253	2445	2453	2462	rVB	250232	377481	4.25%	0.832%
63	17.441	2478	2485	2487	rVV	194428	336074	3.78%	0.741%
64	17.494	2487	2494	2498	rVV	2583730	4366131	49.15%	9.623%
65	17.541	2498	2502	2505	rVV	428820	655052	7.37%	1.444%
66	17.570	2505	2507	2512	rVV	156703	190899	2.15%	0.421%
67	17.629	2512	2517	2522	rVB	28825	42638	0.48%	0.094%
68	17.846	2547	2554	2560	rBV	1078428	1644216	18.51%	3.624%
69	17.952	2565	2572	2576	rBV5	32555	63490	0.71%	0.140%
70	18.128	2597	2602	2609	rVB6	16350	31374	0.35%	0.069%
71	18.310	2628	2633	2636	rVV	77210	109601	1.23%	0.242%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Title : SVOA CALIBRATION

72	18.357	2636	2641	2646	rVV	219218	333398	3.75%	0.735%
73	18.404	2646	2649	2652	rVV2	22673	34245	0.39%	0.075%
74	18.434	2652	2654	2659	rVB2	19319	27061	0.30%	0.060%
75	18.510	2659	2667	2676	rBV2	227960	408379	4.60%	0.900%
76	18.610	2676	2684	2687	rBV2	73975	120869	1.36%	0.266%
77	18.651	2687	2691	2695	rVV	110448	152988	1.72%	0.337%
78	18.686	2695	2697	2702	rVV3	17832	27836	0.31%	0.061%
79	18.745	2702	2707	2712	rVV	103338	160718	1.81%	0.354%
80	18.804	2712	2717	2720	rVV2	55639	81789	0.92%	0.180%
81	18.851	2720	2725	2730	rVV2	112813	169036	1.90%	0.373%
82	19.321	2795	2805	2809	rBV5	17485	42281	0.48%	0.093%
83	19.362	2809	2812	2818	rVV5	20907	33604	0.38%	0.074%
84	19.485	2826	2833	2839	rVV	637248	896325	10.09%	1.976%
85	19.679	2861	2866	2870	rBV2	29659	47843	0.54%	0.105%
86	19.732	2870	2875	2883	rVV3	23621	49828	0.56%	0.110%
87	19.820	2883	2890	2893	rVV2	567236	965330	10.87%	2.128%
88	19.850	2893	2895	2902	rVV	390234	443403	4.99%	0.977%
89	20.032	2920	2926	2932	rBV2	15973	27866	0.31%	0.061%
90	20.220	2953	2958	2964	rVV	169749	241561	2.72%	0.532%
91	20.284	2964	2969	2974	rVV	25548	49072	0.55%	0.108%
92	20.337	2974	2978	2982	rVB	19159	28386	0.32%	0.063%
93	20.431	2988	2994	2999	rBV	26960	39375	0.44%	0.087%
94	20.937	3076	3080	3089	rVB	20037	36299	0.41%	0.080%
95	21.283	3132	3139	3143	rBV2	19615	35409	0.40%	0.078%
96	21.700	3202	3210	3217	rBV2	298753	536712	6.04%	1.183%
97	22.118	3276	3281	3288	rBV	36180	60446	0.68%	0.133%
98	22.341	3312	3319	3332	rBV2	9733	25828	0.29%	0.057%
99	24.732	3714	3726	3739	rBV	289098	783705	8.82%	1.727%
100	24.949	3751	3763	3777	rVB2	141623	392591	4.42%	0.865%

Sum of corrected areas: 45369872

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Data File : BG020659.D
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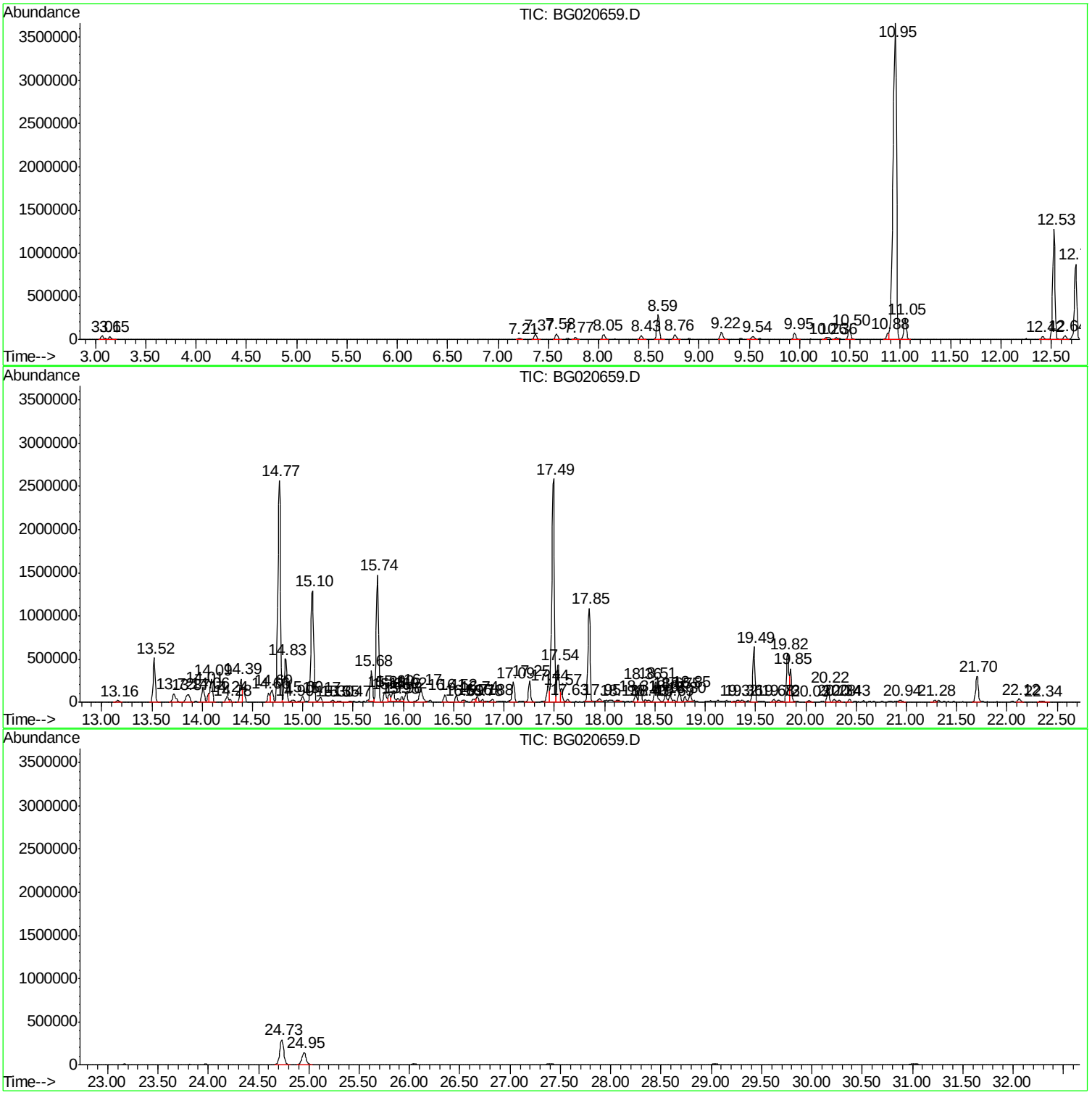
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.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\BG010516\
Data File : BG020659.D
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Operator : UM/SJ
Sample : G4846-14
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

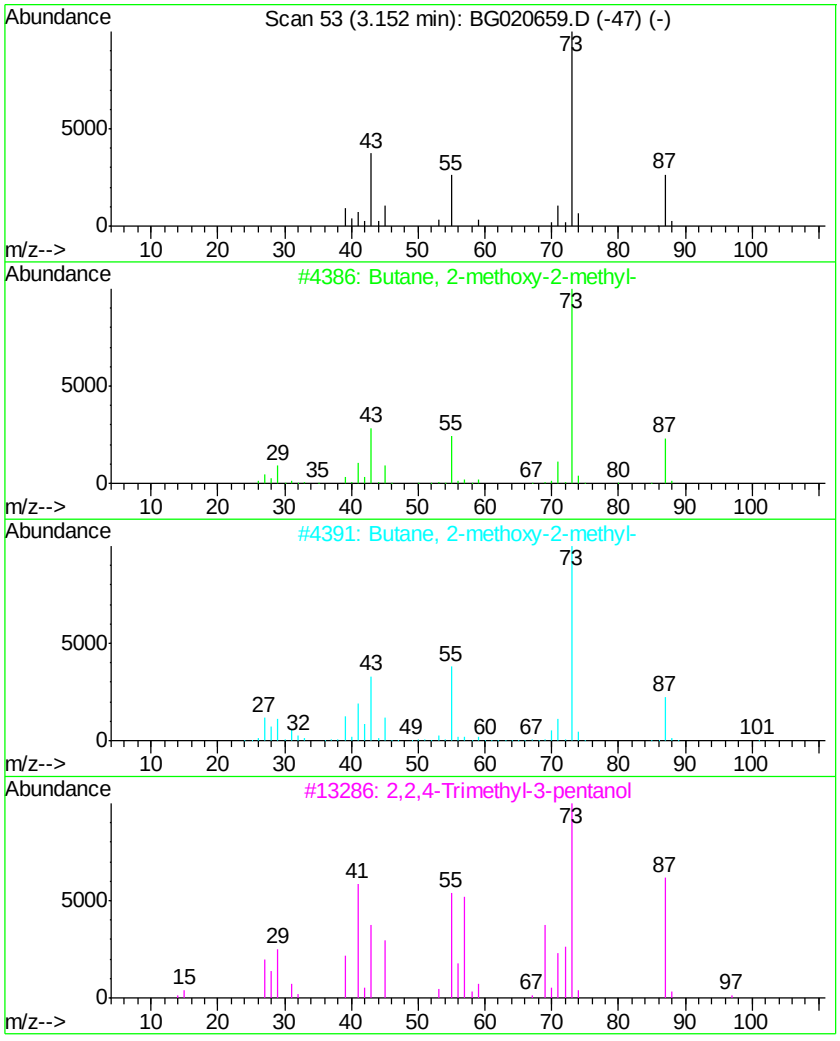
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

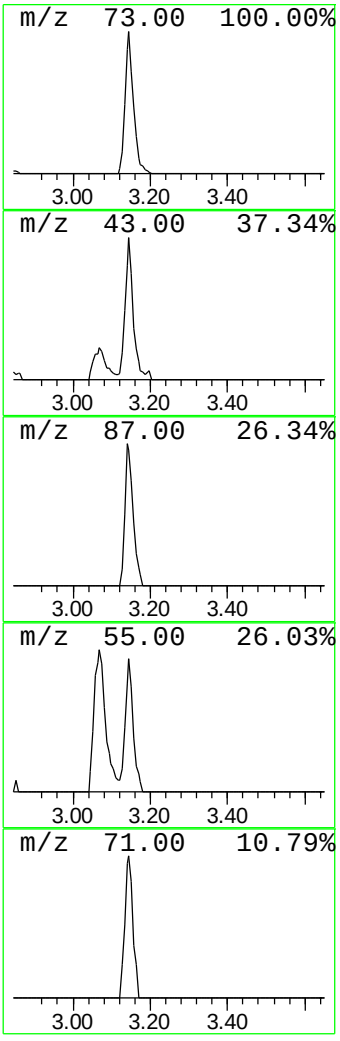
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	9.96 ng/ul	48053	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020659.D
Acq On : 5 Jan 2016 17:44
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

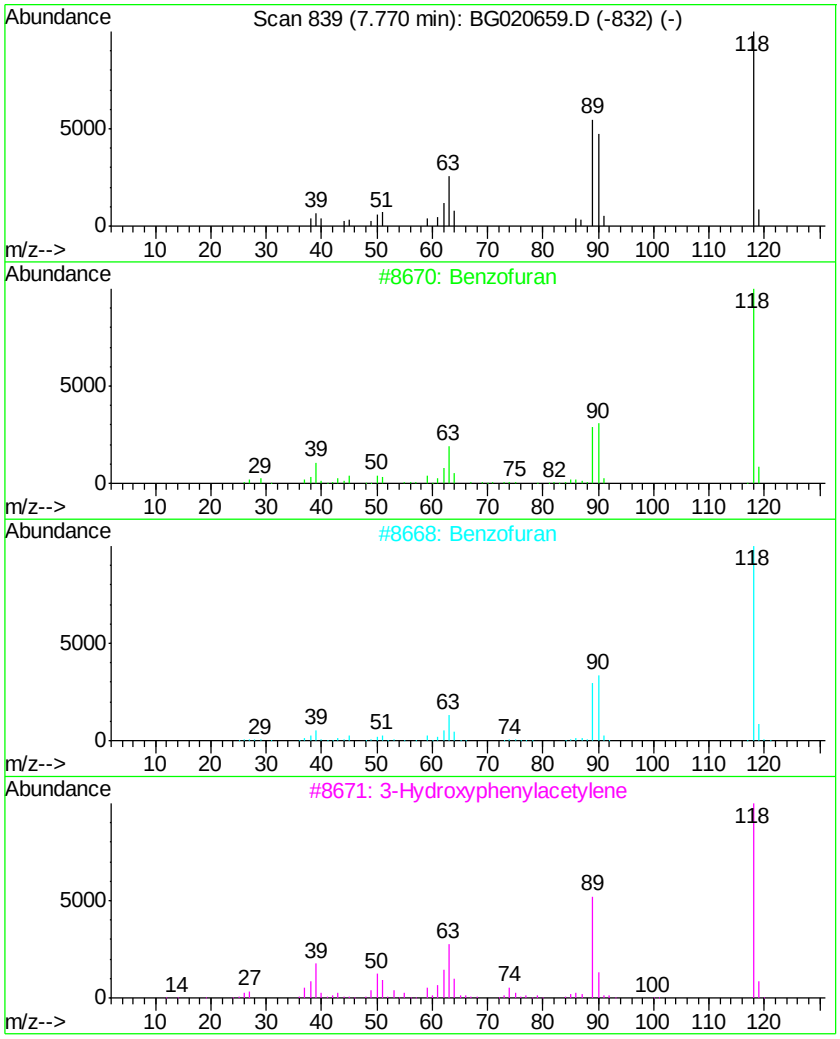
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

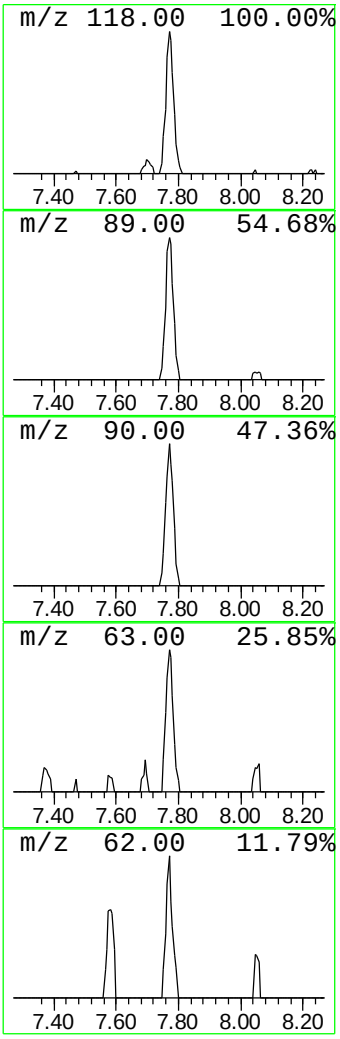
****

Peak Number 3 Benzofuran Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	7.55 ng/ul	36418	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	91
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
4	Benzofuran	118	C8H6O	000271-89-6	87
5	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020659.D
Acq On : 5 Jan 2016 17:44
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

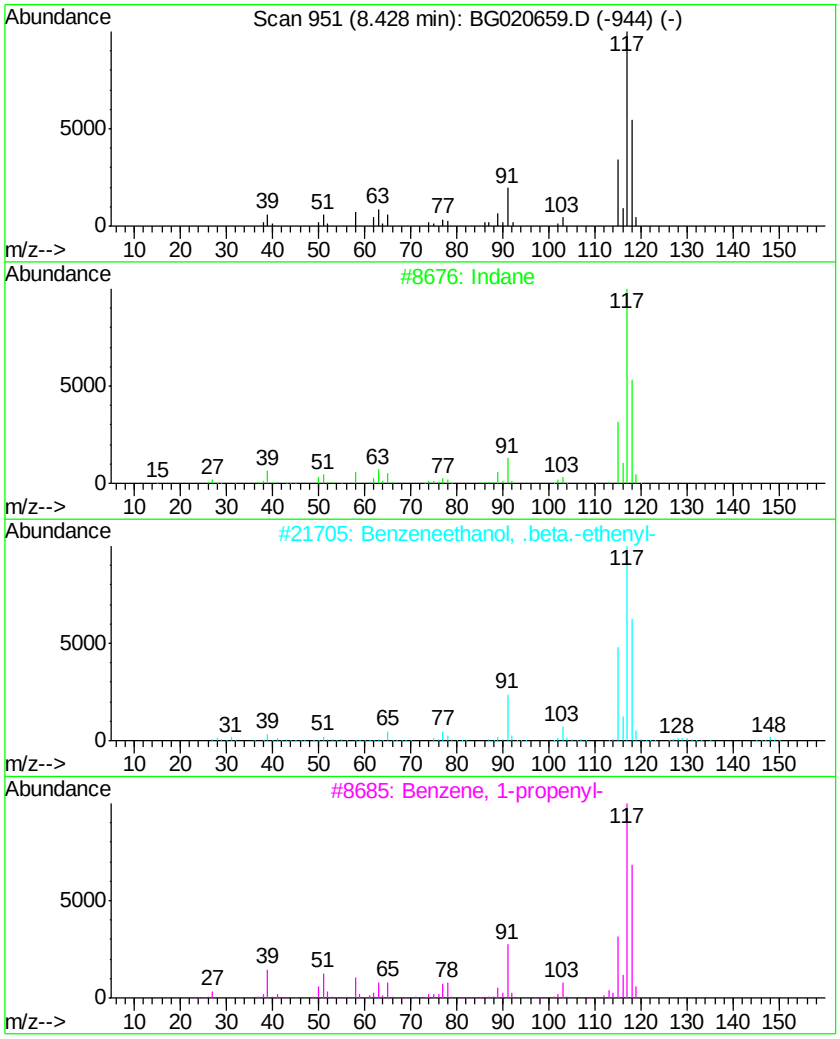
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

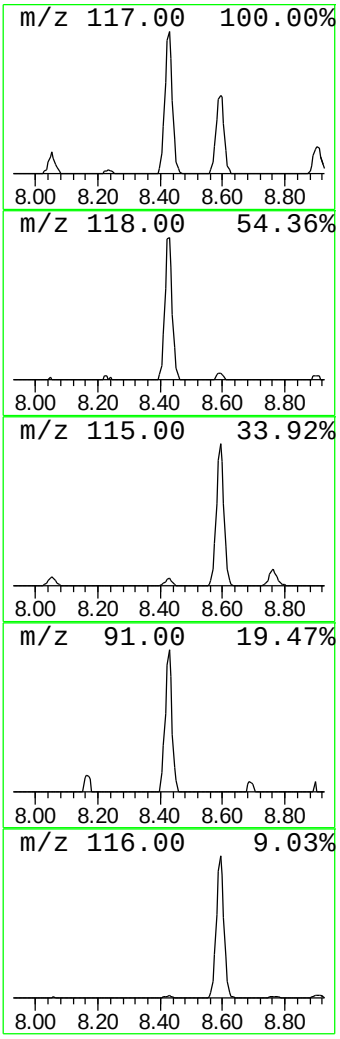
****

Peak Number 4 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	14.80 ng/ul	71417	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	83
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020659.D
Acq On : 5 Jan 2016 17:44
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

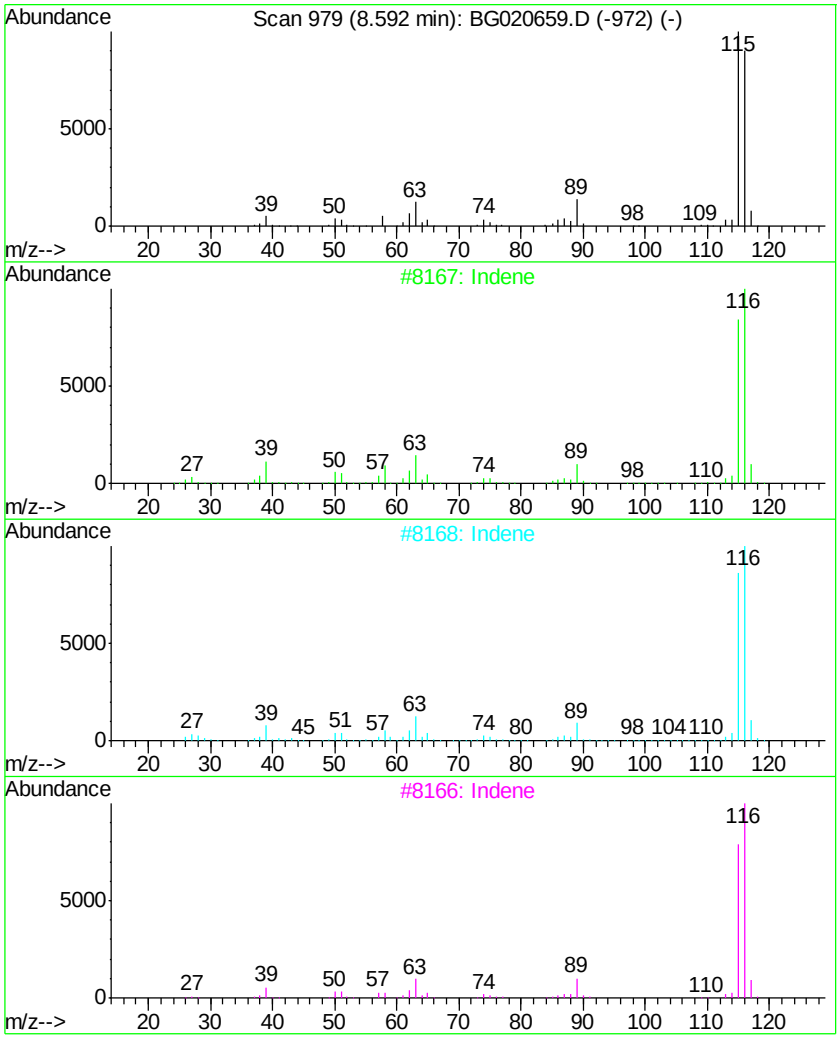
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

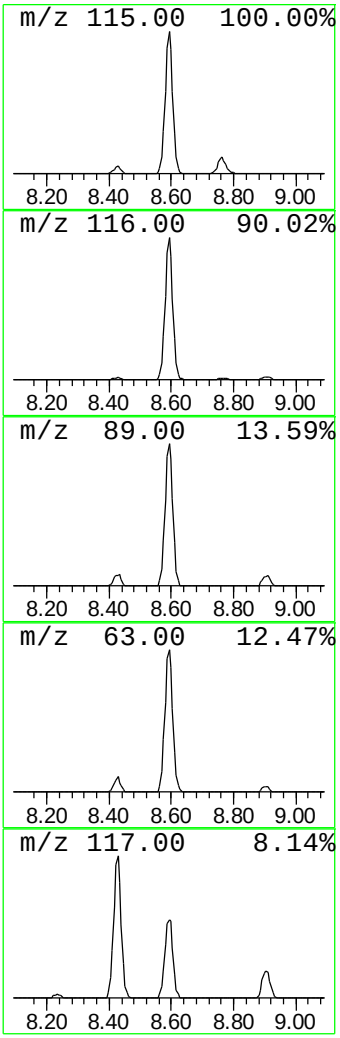
****

Peak Number 5 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	102.24 ng/ul	493295	1,4-Dichlorobenzene-d4	8.05

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	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Data File : BG020659.D
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Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

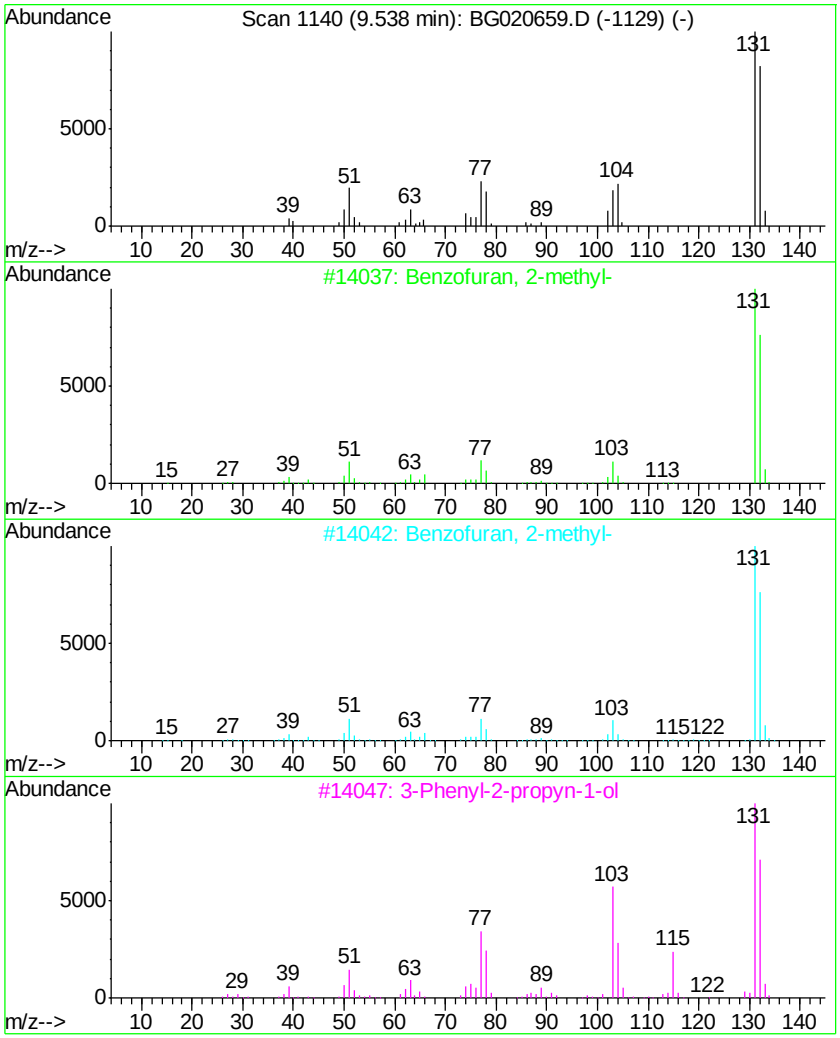
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

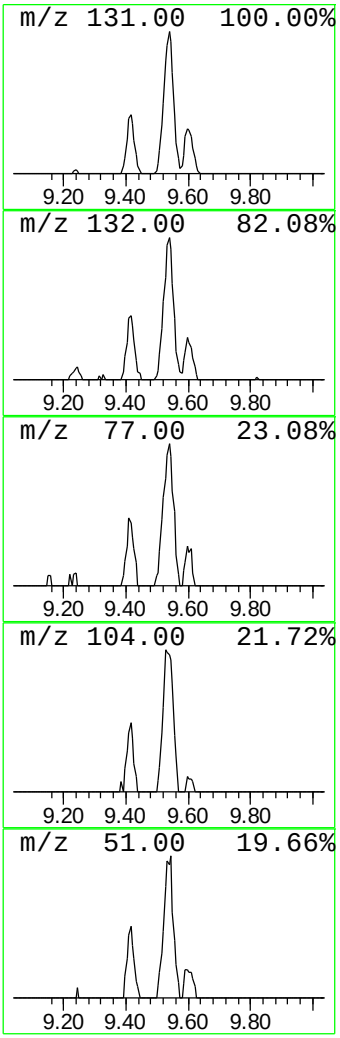
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	14.69 ng/ul	79073	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020659.D
Acq On : 5 Jan 2016 17:44
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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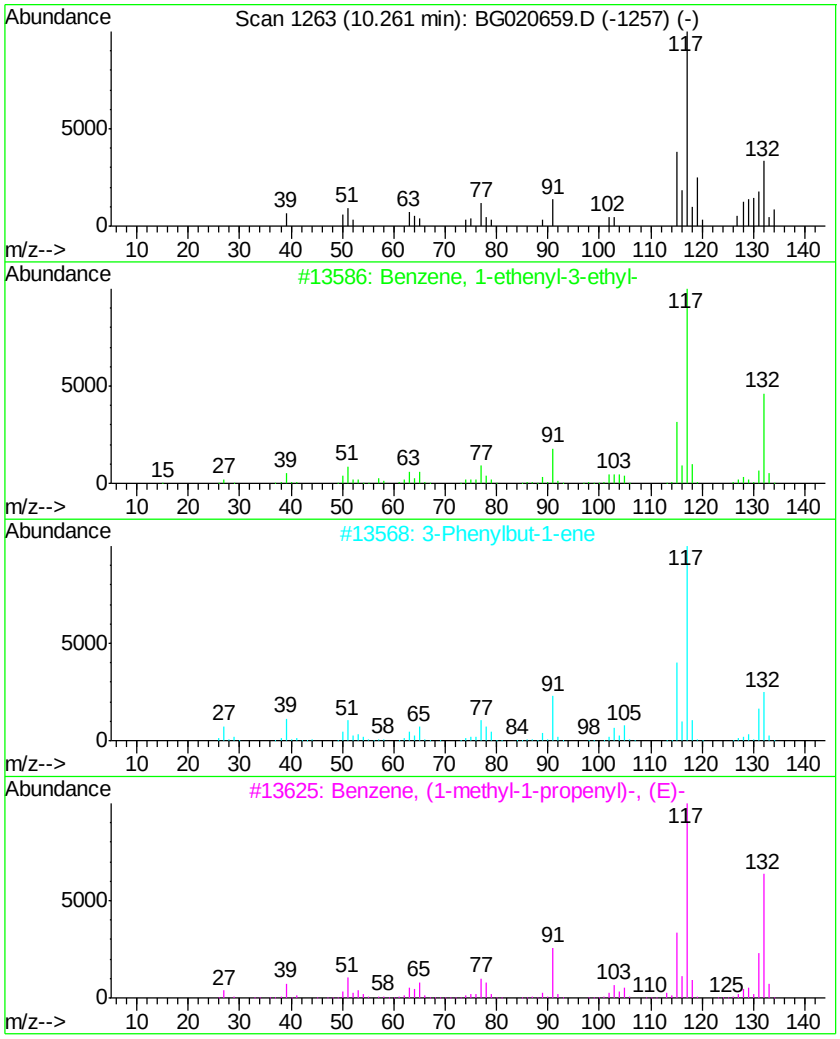
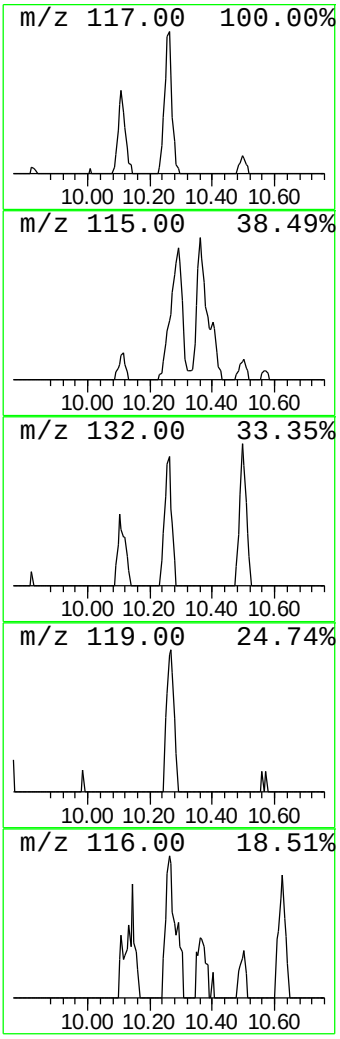
Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	5.91 ng/ul	31804	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	72
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	68





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Acq On : 5 Jan 2016 17:44
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

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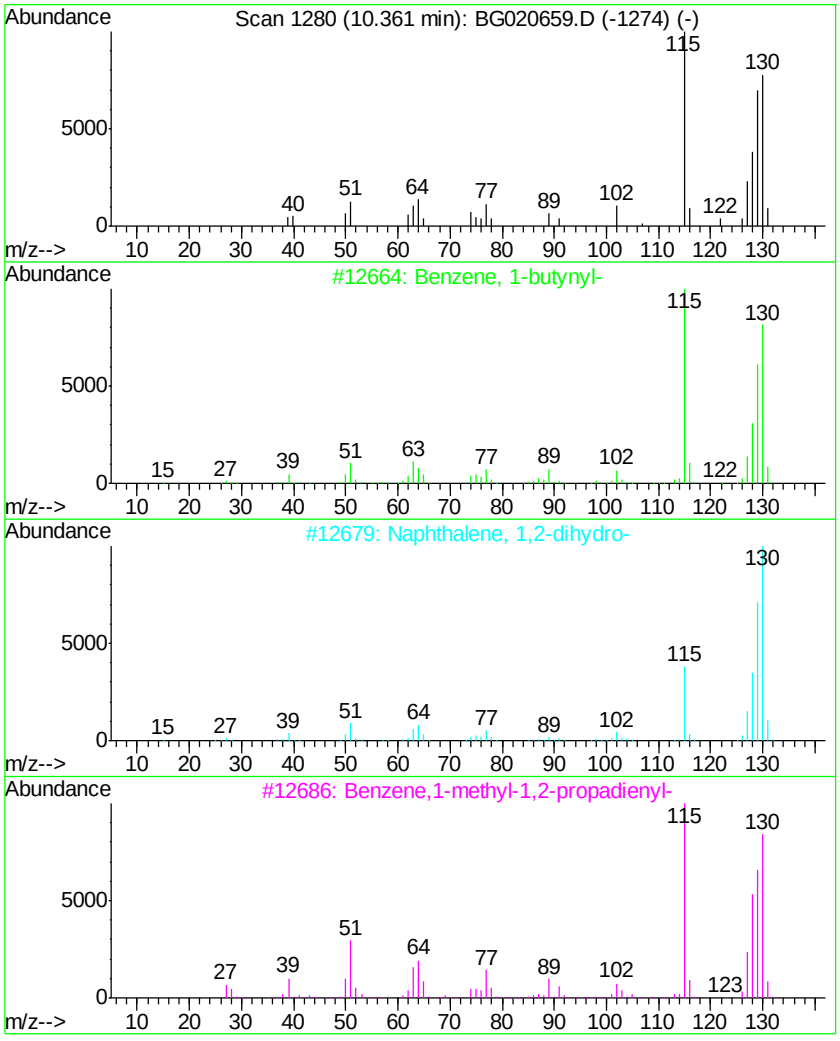
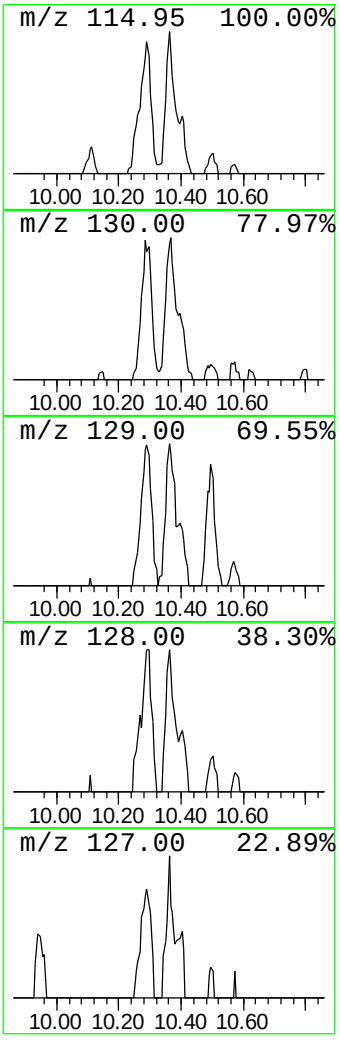
Peak Number 8 Benzene, 1-butynyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	6.65 ng/ul	35771	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	90
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	90
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	81
5	2-Methylindene	130	C10H10	002177-47-1	81





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Instrument : BNA_G
ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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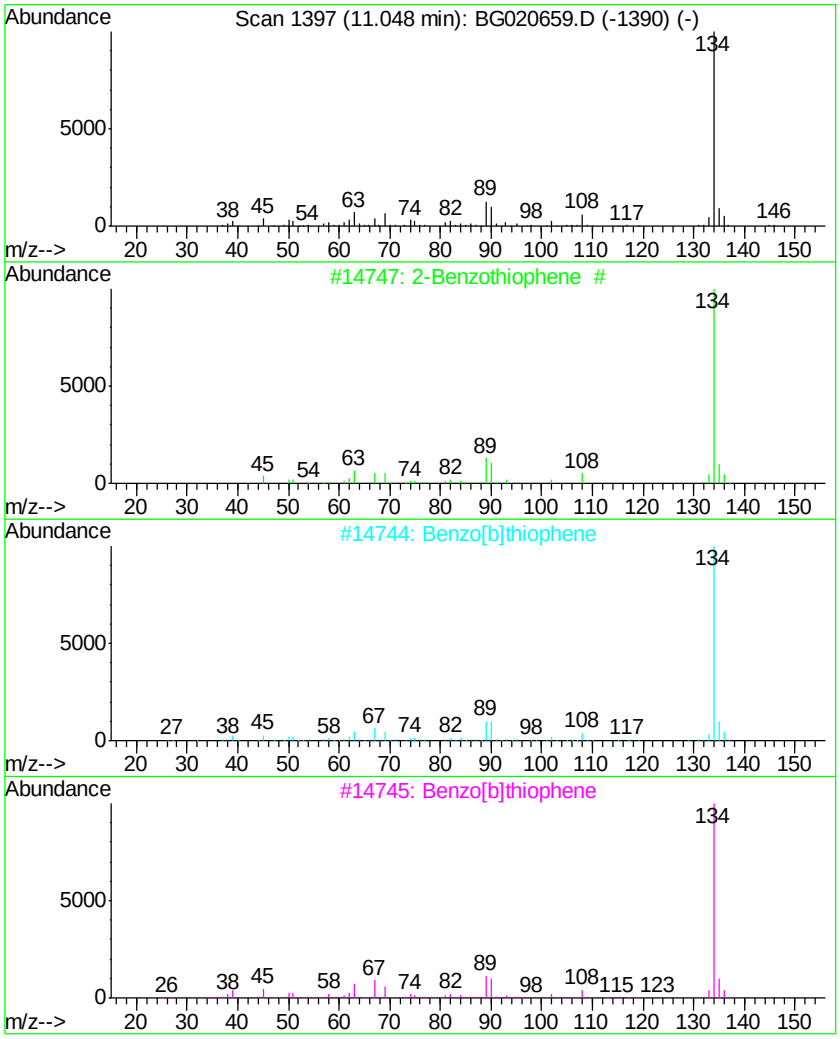
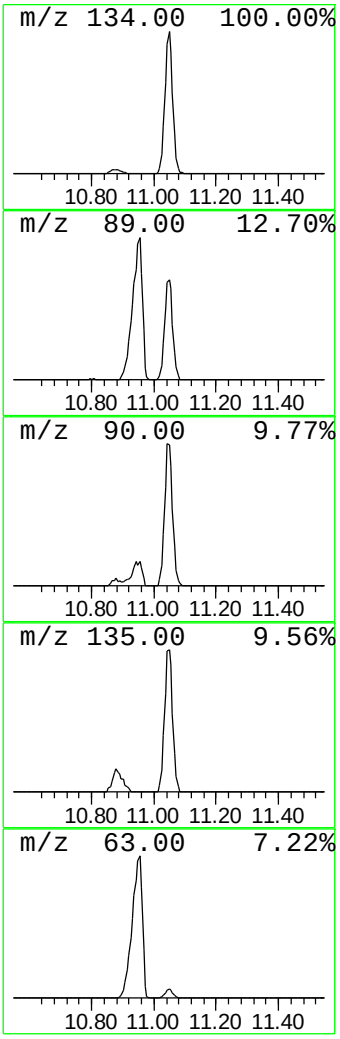
Peak Number 9 2-Benzothiophene # Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	77.62 ng/ul	417806	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





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ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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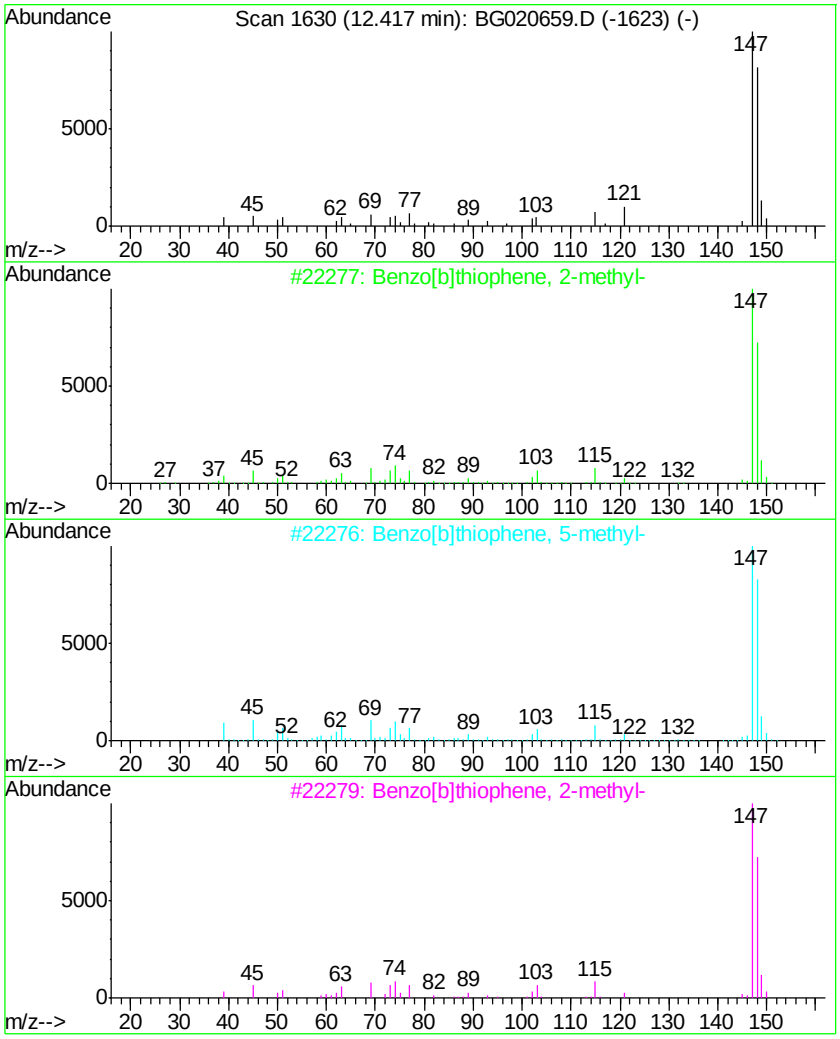
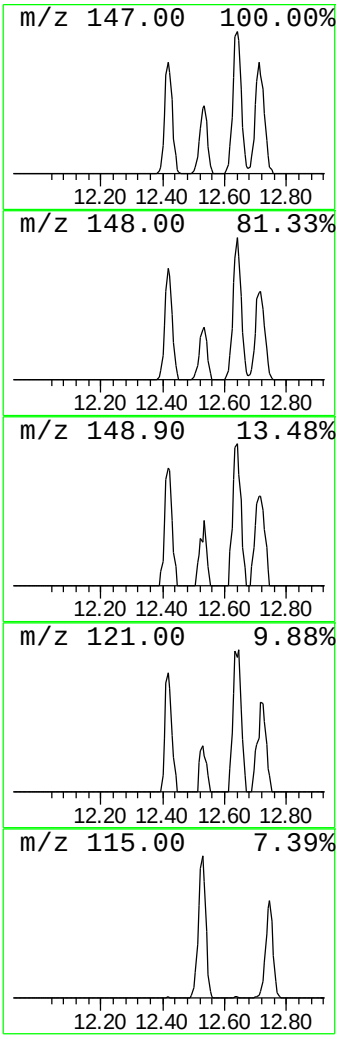
Peak Number 10 Benzo[b]thiophene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	11.04 ng/ul	59427	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91





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ClientSampleId : D9N60

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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 11 Benzo[b]thiophene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	14.46 ng/ul	77853	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
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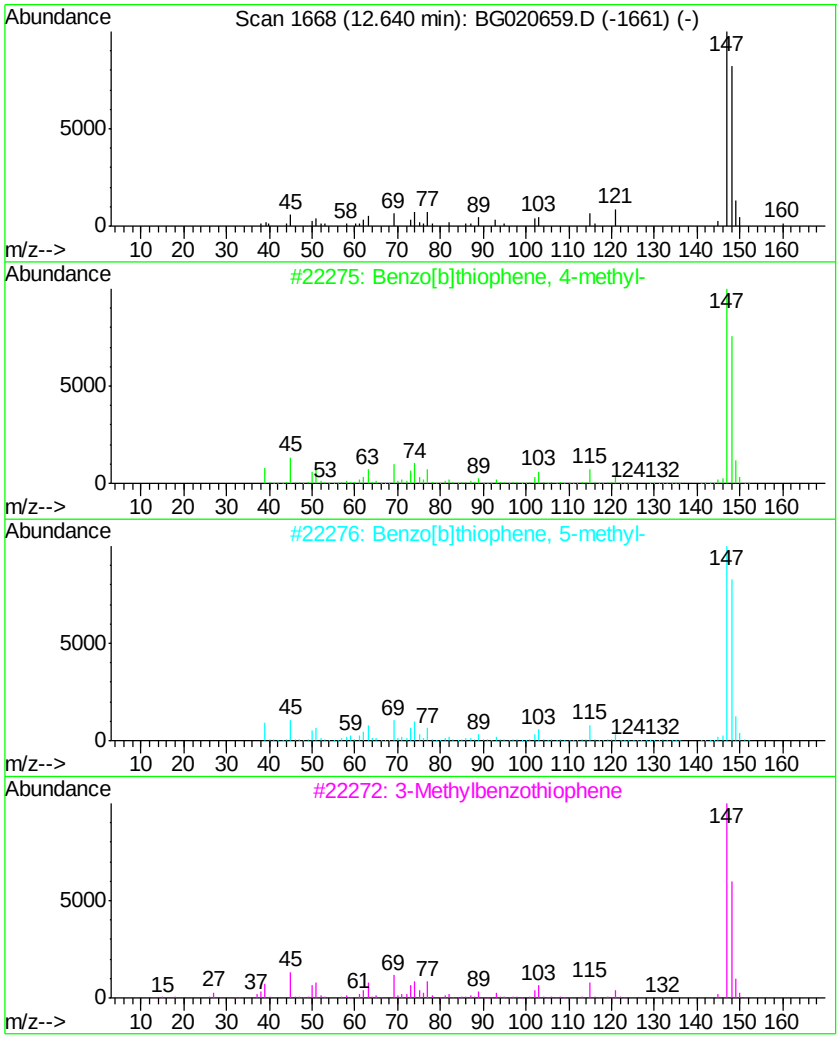

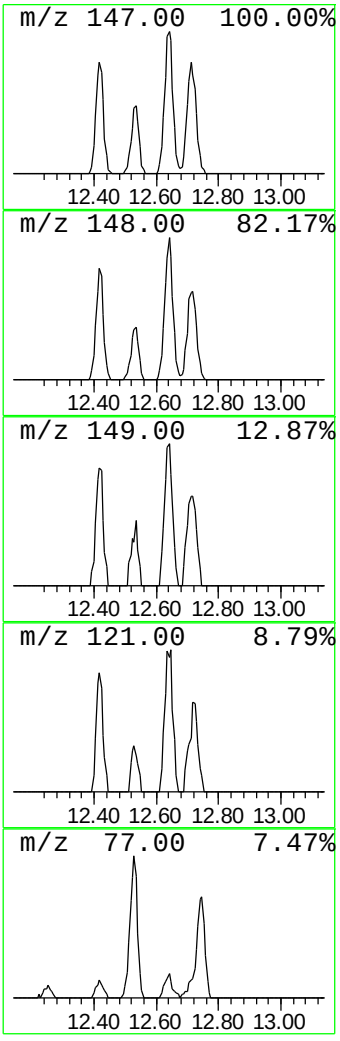

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Quant Title : SVOA CALIBRATION

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

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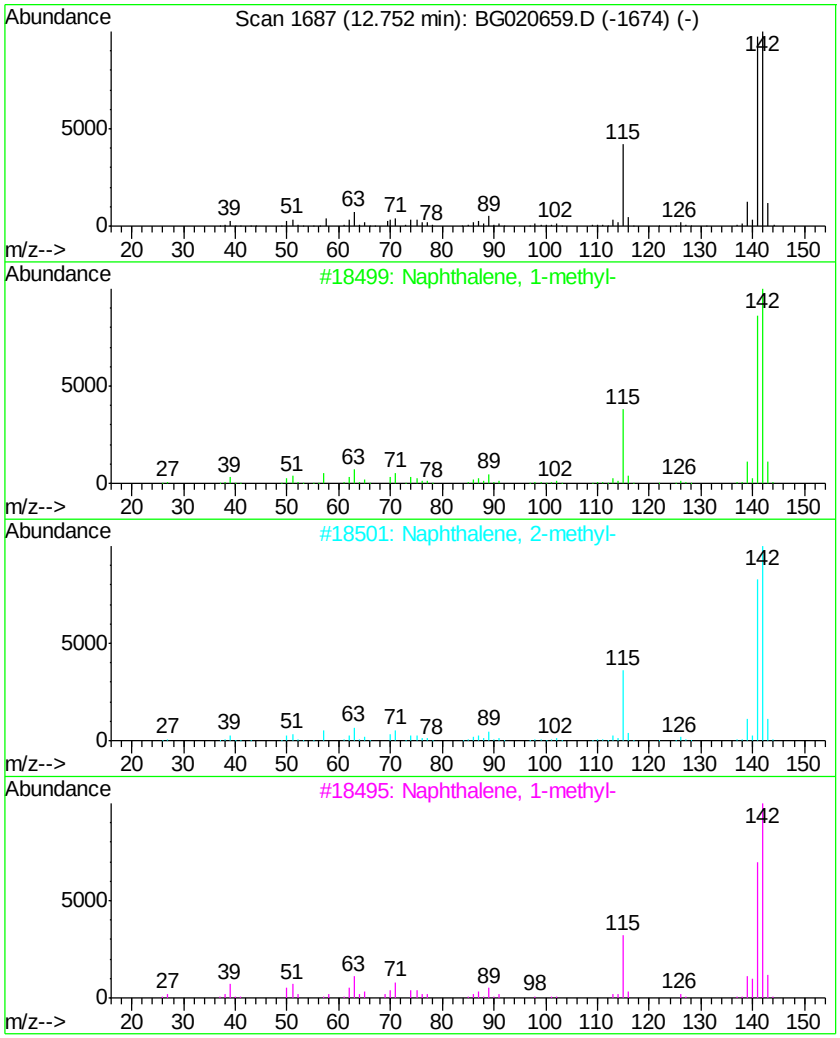
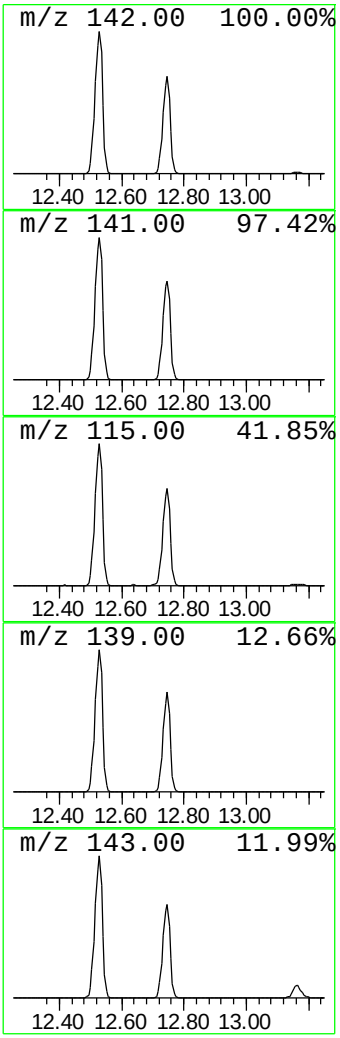
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	276.76 ng/ul	1489760	Naphthalene-d8	10.88

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	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Instrument : BNA_G
ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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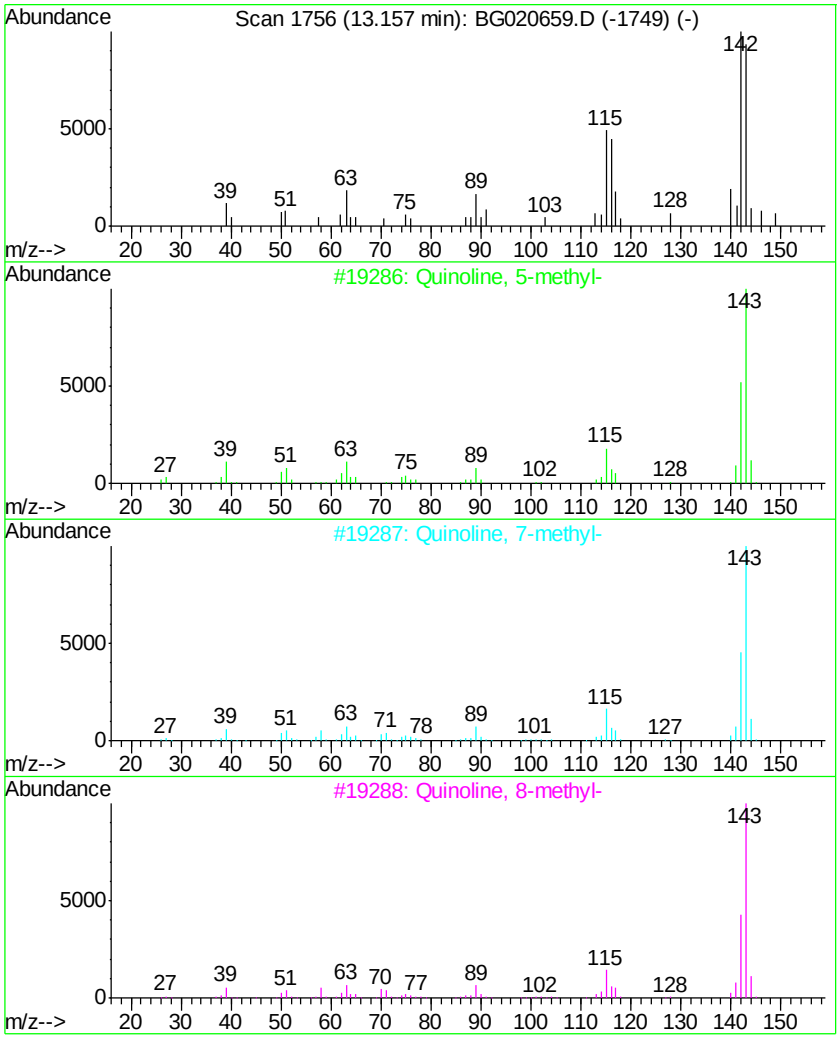
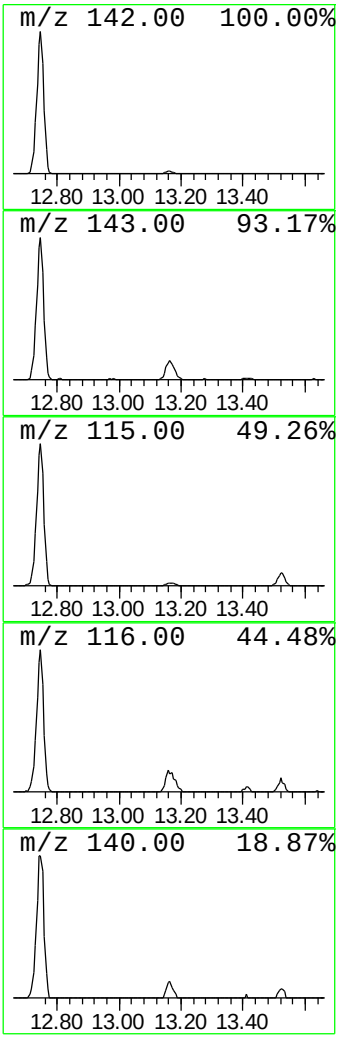
Peak Number 13 Quinoline, 5-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.08 ng/ul	36185	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 5-methyl-	143	C10H9N	007661-55-4	91
2	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	76
3	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	76
4	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	70
5	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	70





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Instrument : BNA_G
ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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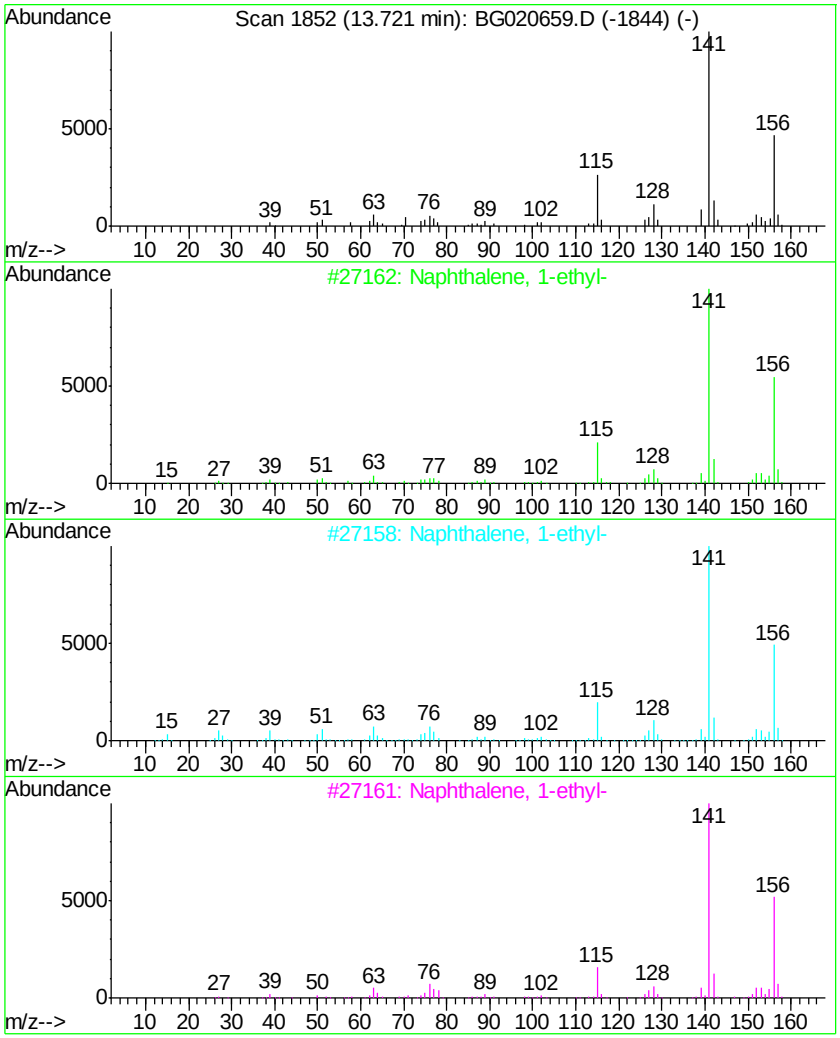
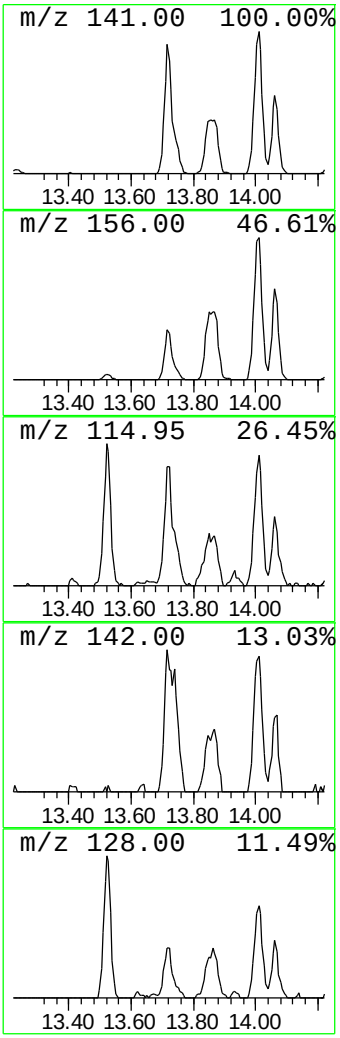
Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	18.03 ng/ul	211529	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	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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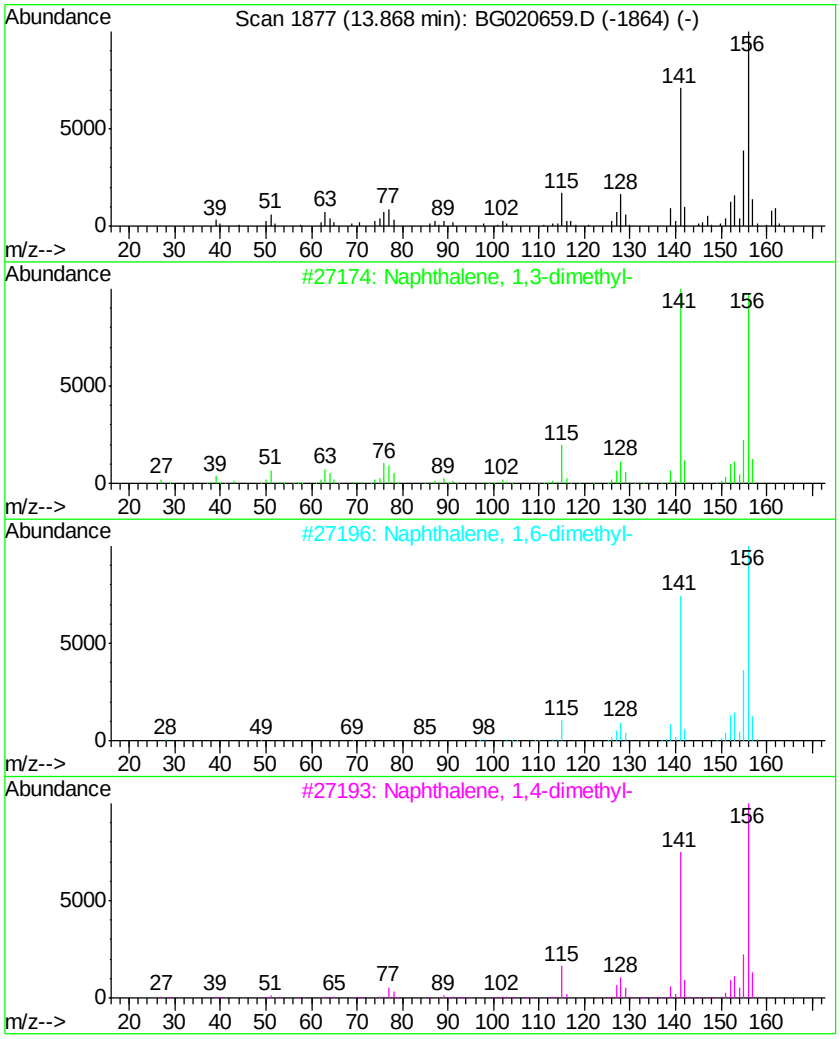
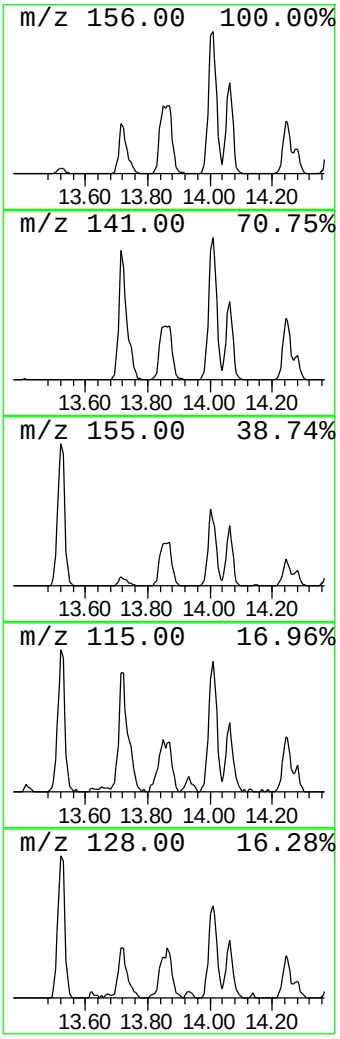
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	20.45 ng/ul	239926	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Quant Title : SVOA CALIBRATION

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

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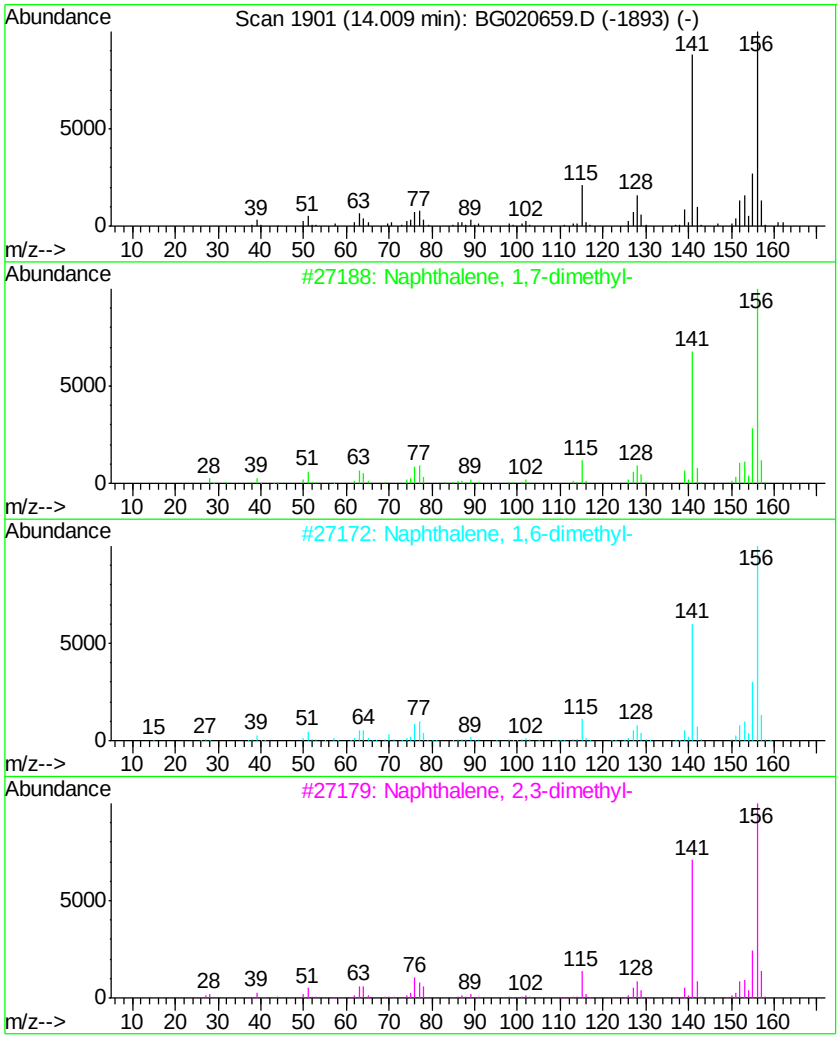
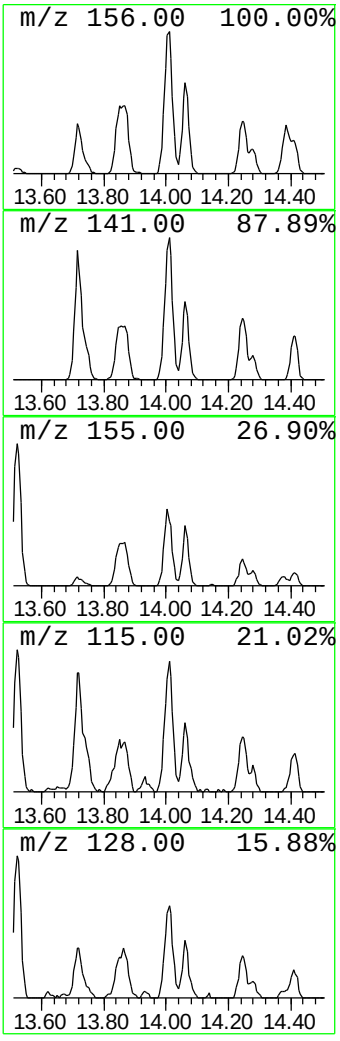
Peak Number 16 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	27.71 ng/ul	325107	Acenaphthene-d10	14.69

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





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Quant Title : SVOA CALIBRATION

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

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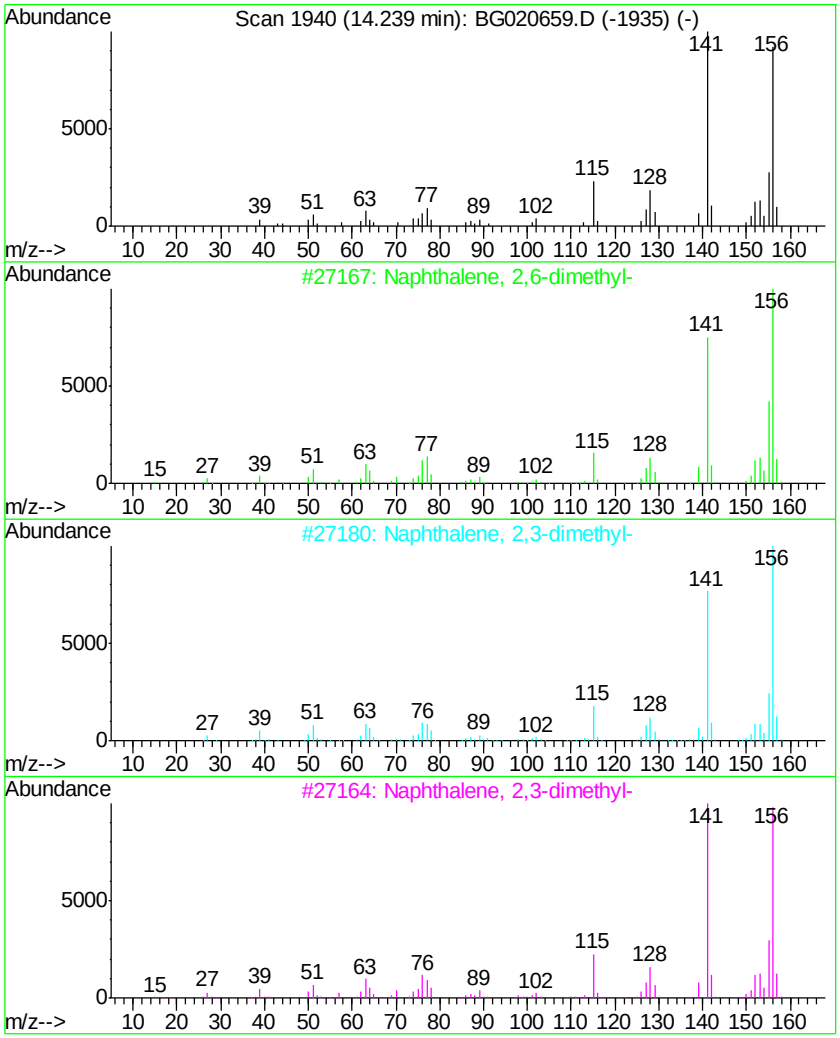
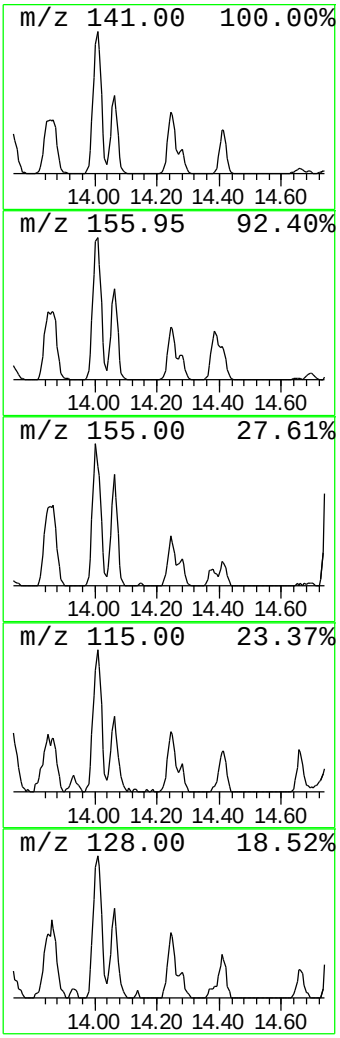
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	10.23 ng/ul	119962	Acenaphthene-d10	14.69

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





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Quant Title : SVOA CALIBRATION

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

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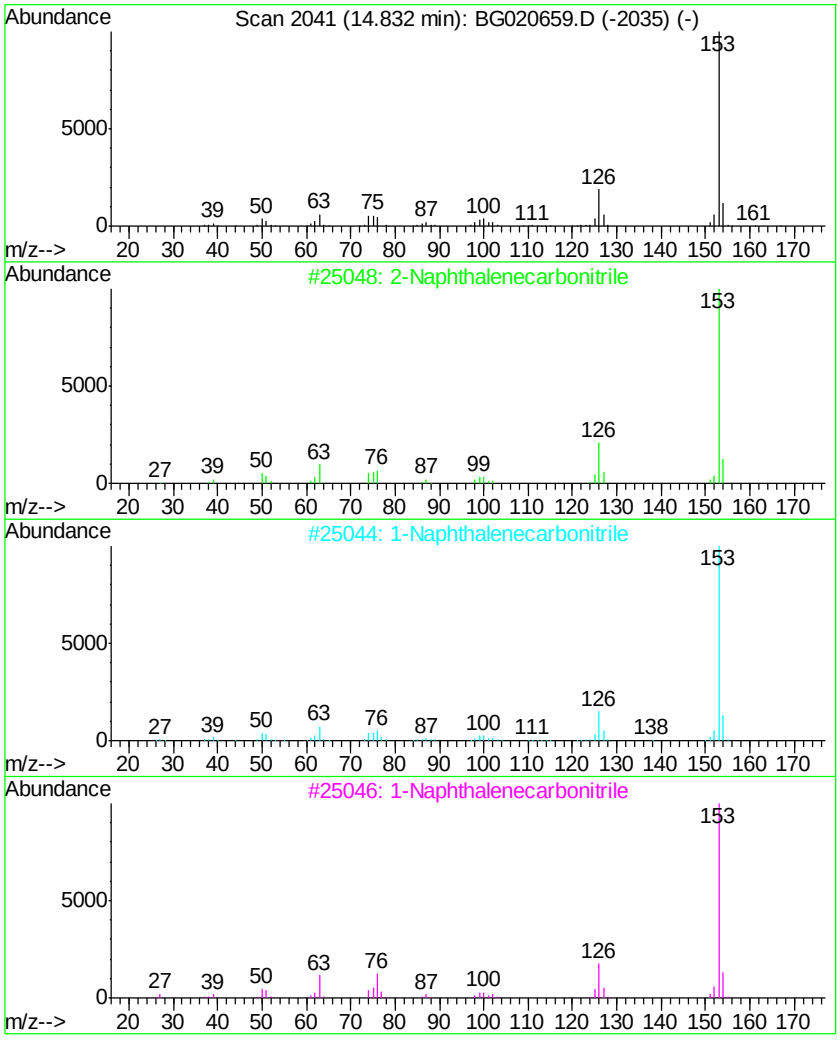
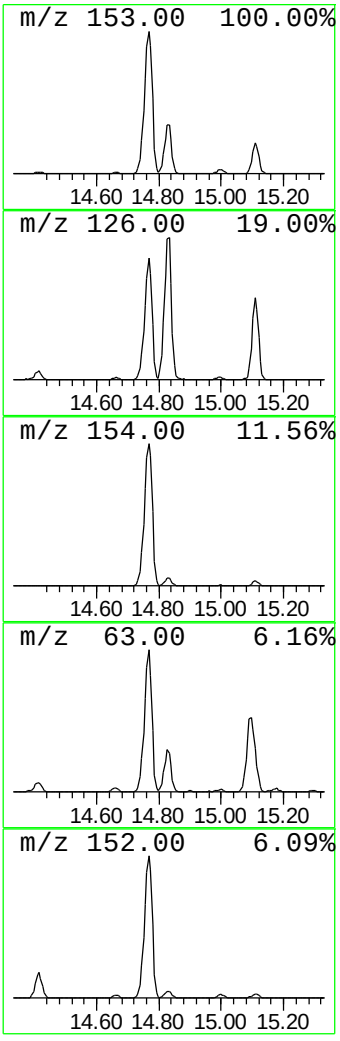
Peak Number 19 2-Naphthalenecarbonitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	68.39 ng/ul	802292	Acenaphthene-d10	14.69

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	95
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90





Library Search Compound Report

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Data File : BG020659.D
Acq On : 5 Jan 2016 17:44
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

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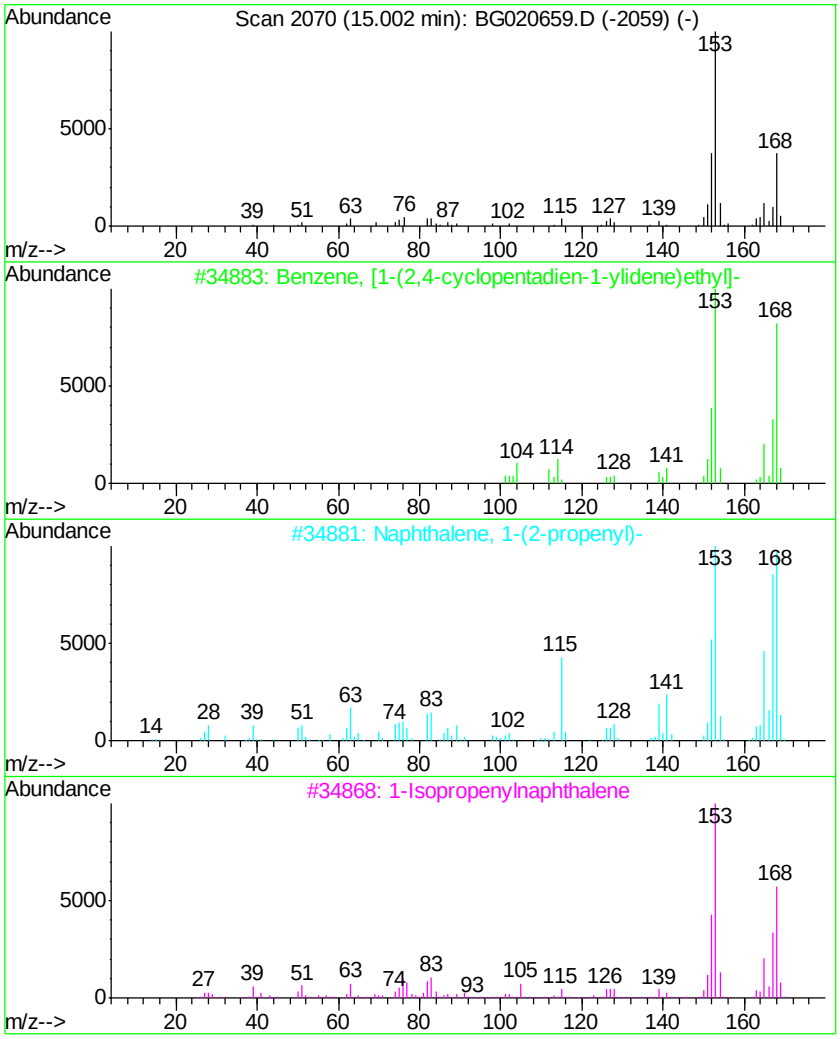
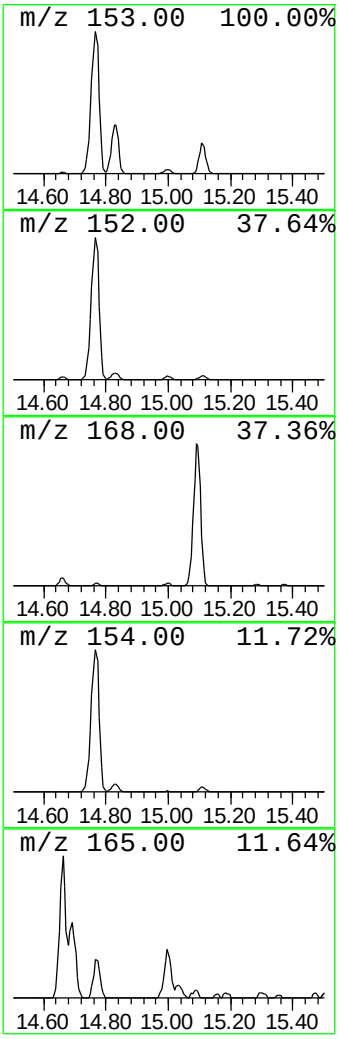
Peak Number 20 Benzene, [1-(2,4-cyclopenta... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	9.85 ng/ul	115538	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	60
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47





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Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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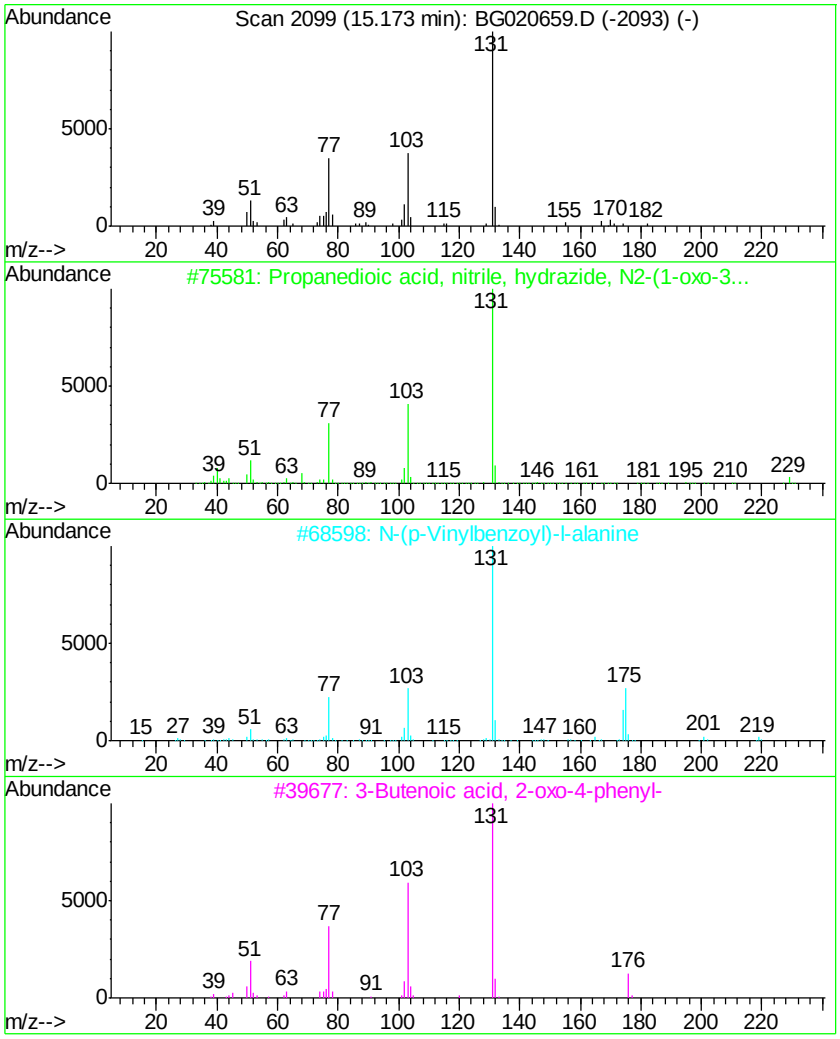
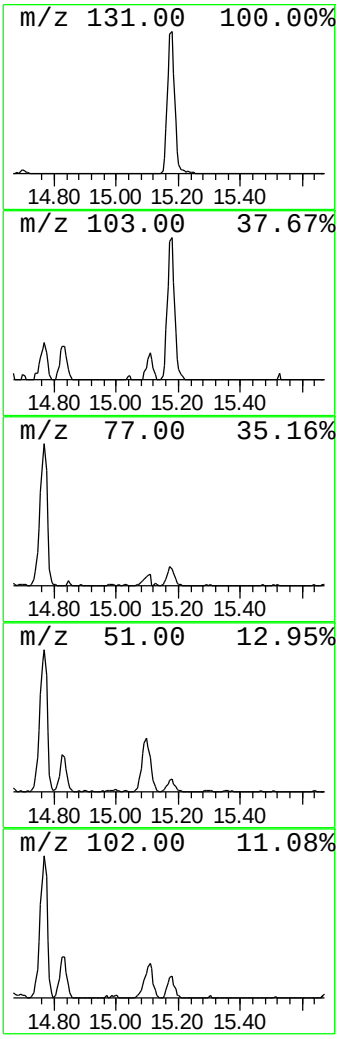
Peak Number 21 Propanedioic acid, nitrile,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	9.57 ng/ul	112295	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	83
2	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	83
3	3-Butenoic acid, 2-oxo-4-phenyl-	176	C10H8O3	1000142-21-0	83
4	1-(2-Vinylphenyl)propan-1-one	160	C11H12O	052095-41-7	83
5	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	78





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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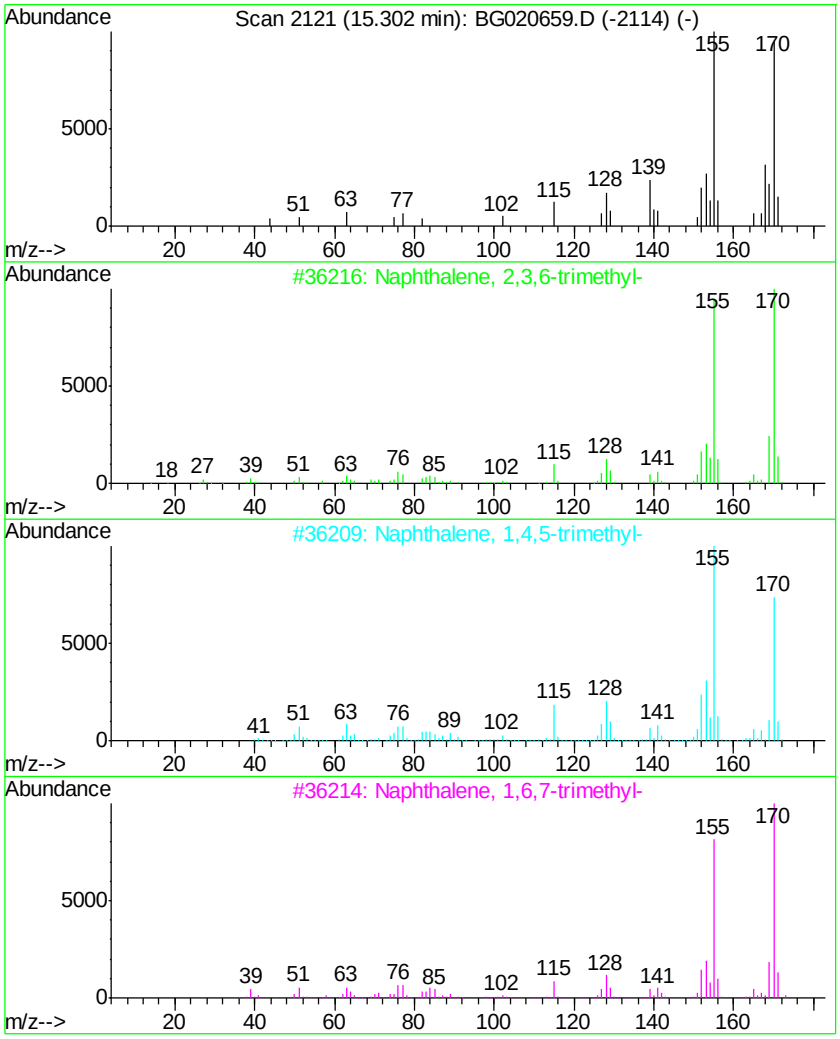
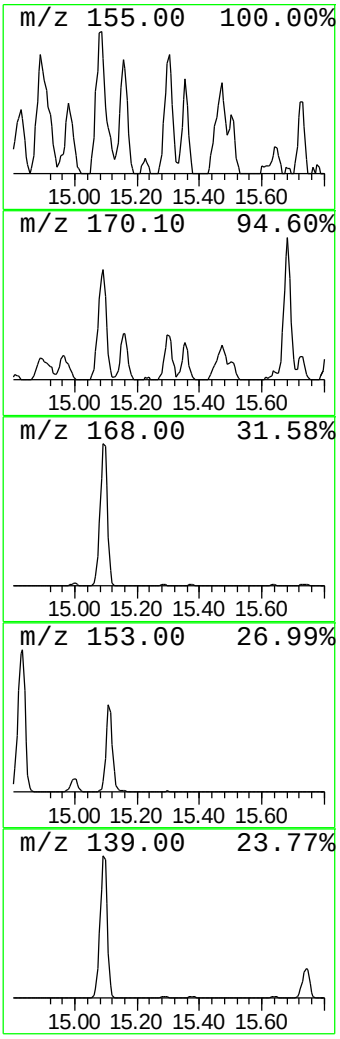
Peak Number 22 Naphthalene, 2,3,6-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	3.56 ng/ul	41811	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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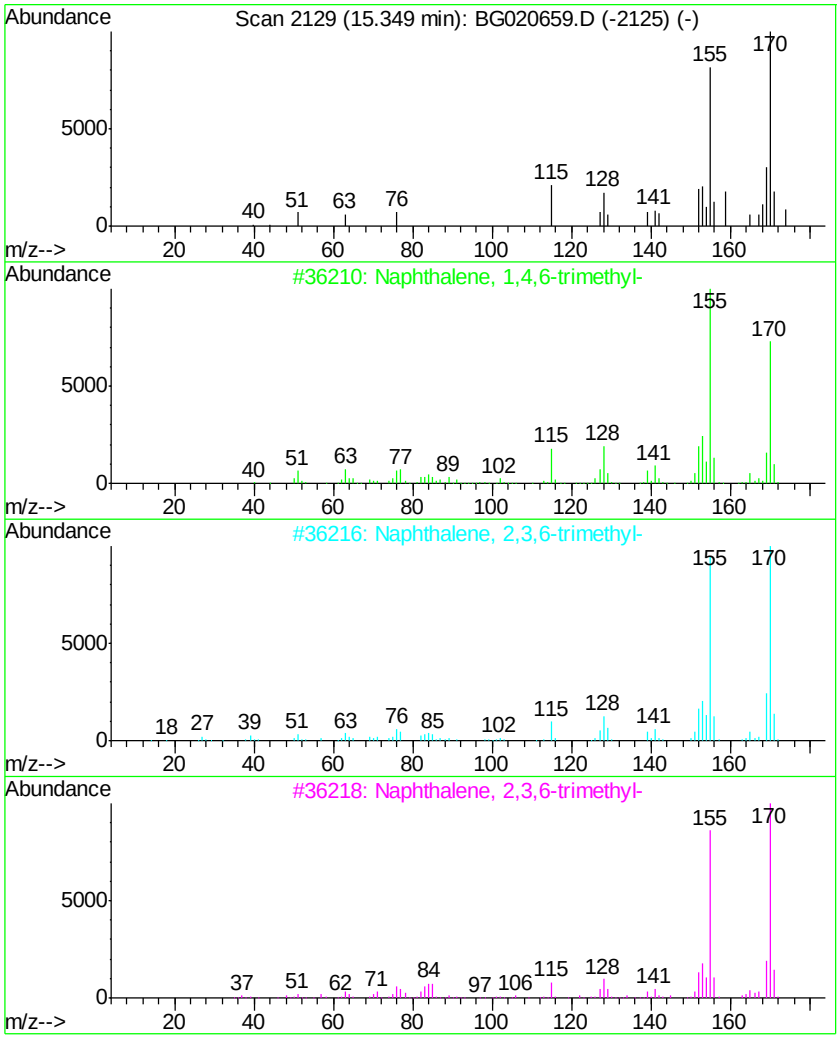
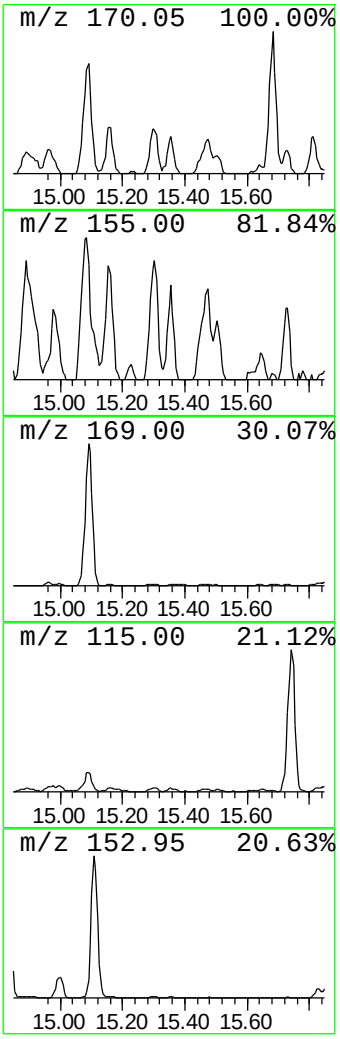
Peak Number 23 Naphthalene, 1,4,6-trimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	2.94 ng/ul	34498	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87





Library Search Compound Report

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ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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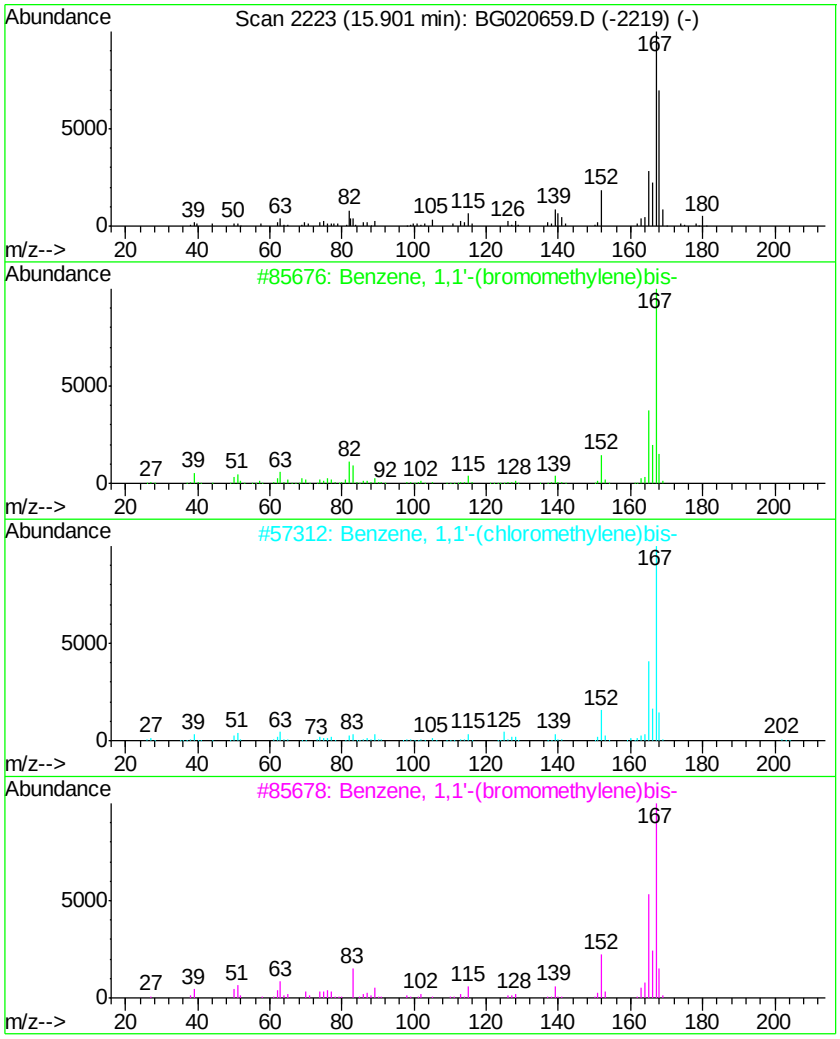
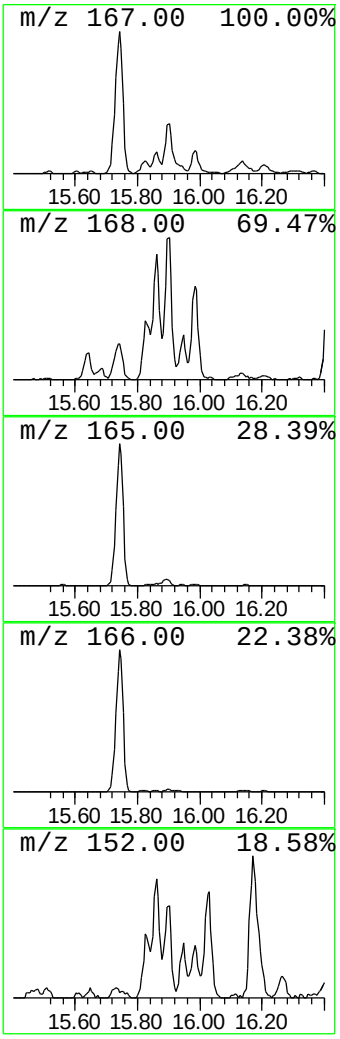
Peak Number 25 Benzene, 1,1'-(bromomethyle... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	16.37 ng/ul	192048	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	58
2	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	53
3	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	53
4	Nordiphenamid	225	C15H15NO	000954-21-2	52
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	50





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Instrument : BNA_G
ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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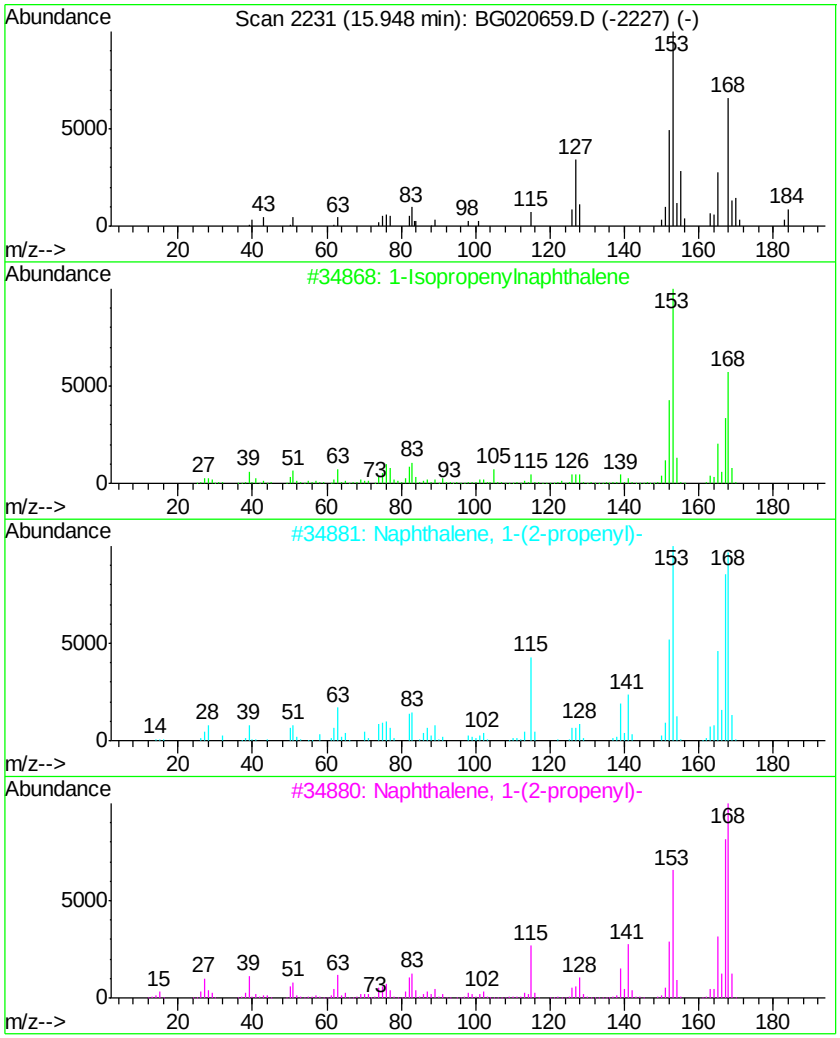
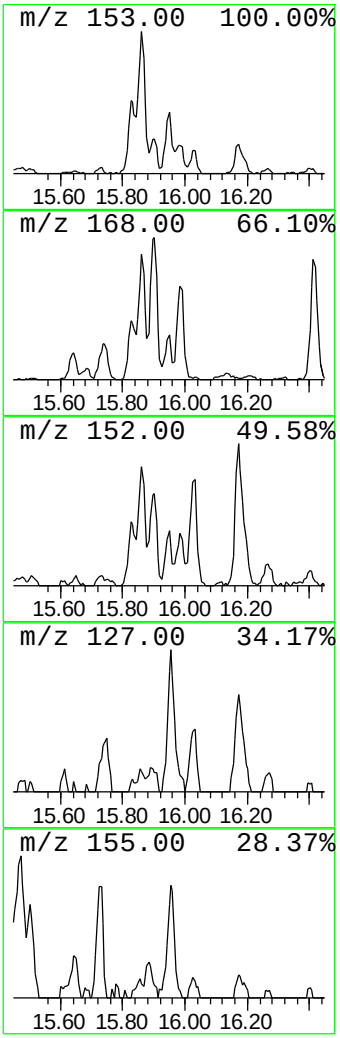
Peak Number 26 1-Isopropenylnaphthalene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.60 ng/ul	53961	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	52
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
4	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	49
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	49





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

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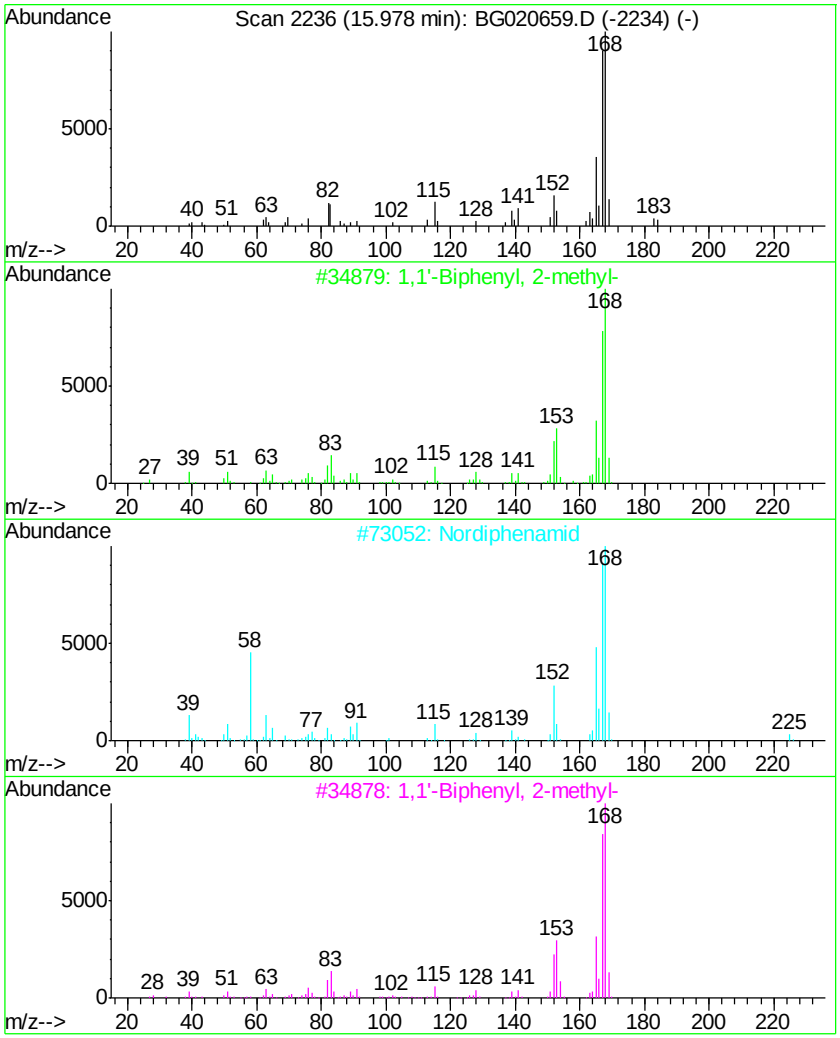
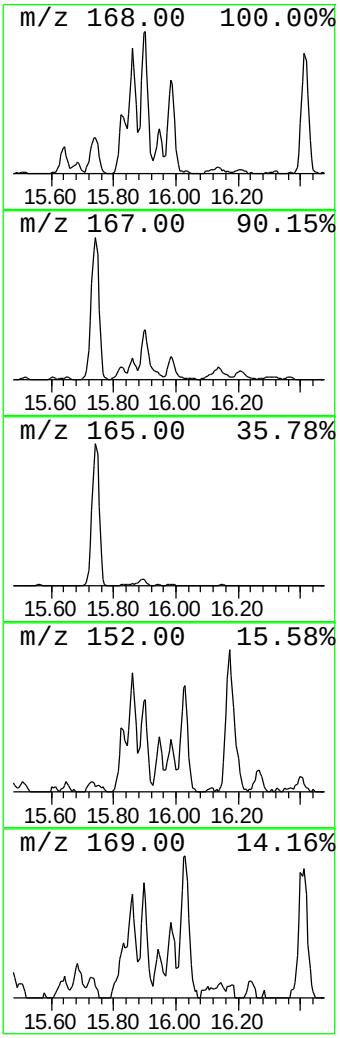
Peak Number 27 1,1'-Biphenyl, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	5.66 ng/ul	66410	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
2	Nordiphenamid	225	C15H15NO	000954-21-2	83
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	72
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	72





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Quant Title : SVOA CALIBRATION

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

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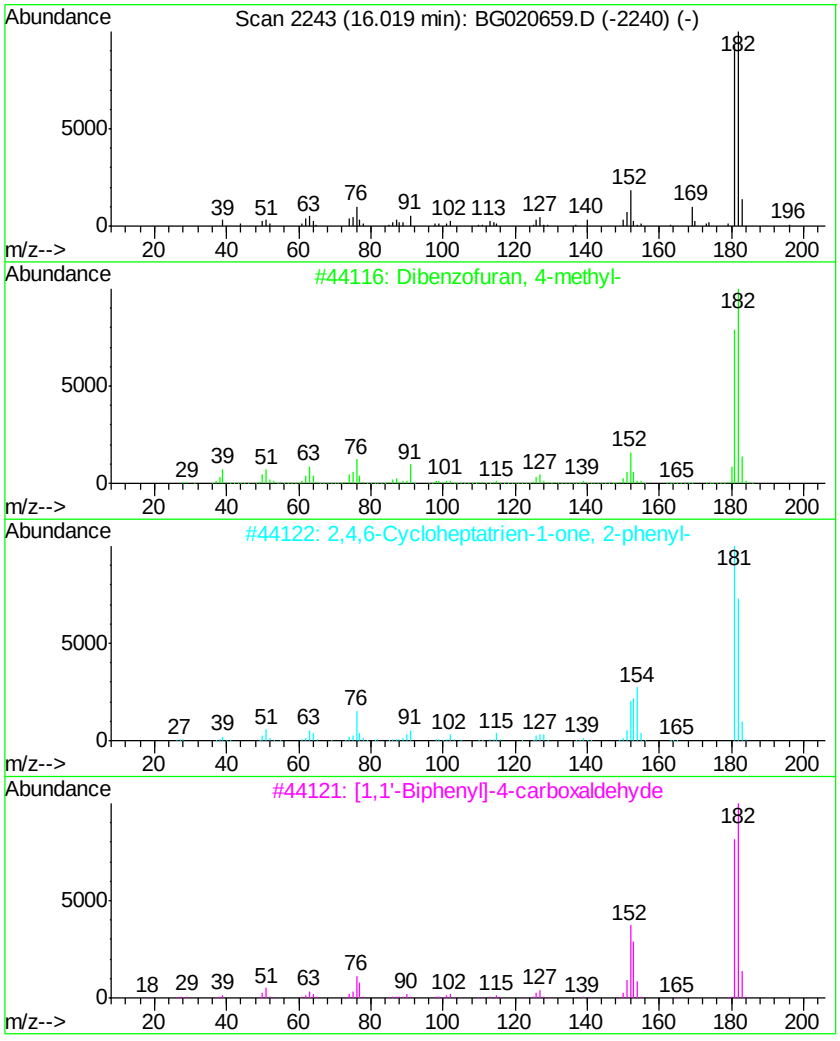
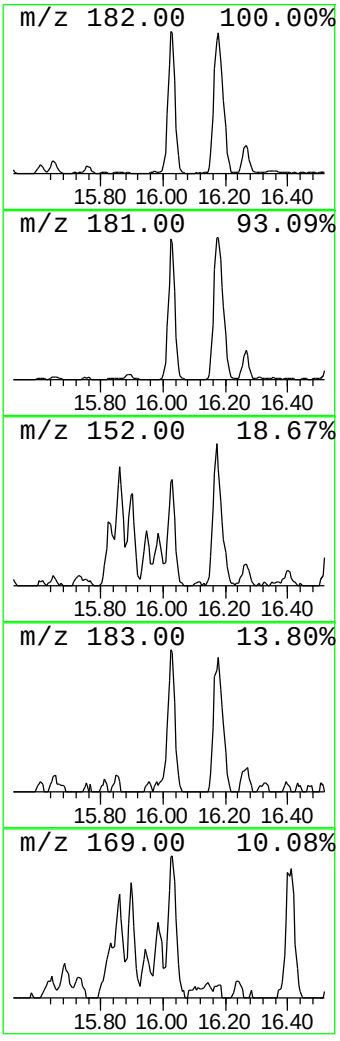
Peak Number 28 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	15.37 ng/ul	180323	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





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ClientSampleId : D9N60

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Quant Title : SVOA CALIBRATION

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

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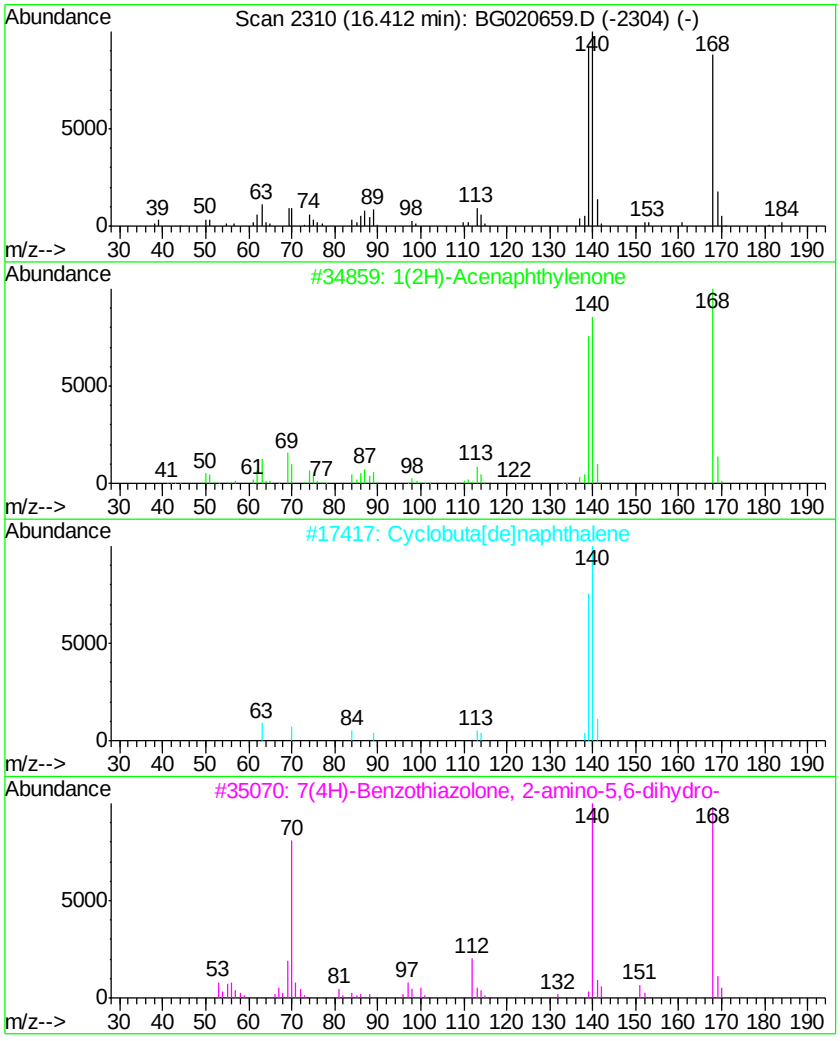
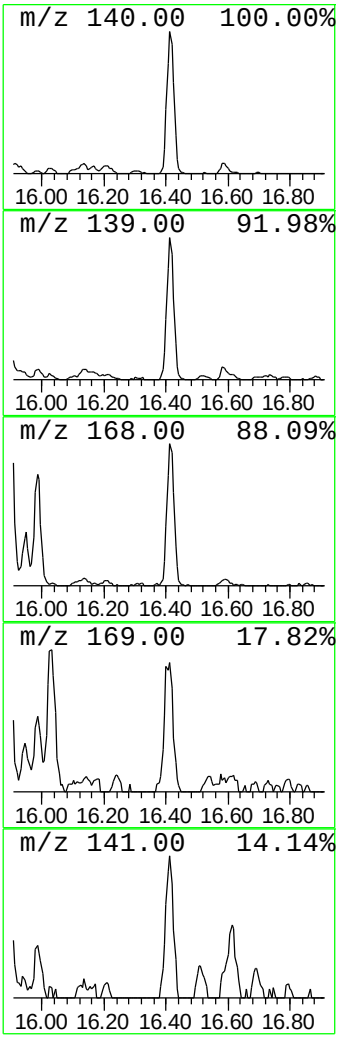
Peak Number 30 1(2H)-Acenaphthylenone Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	8.42 ng/ul	141561	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	64
3	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	53
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
5	Dibenzofuran	168	C12H8O	000132-64-9	49





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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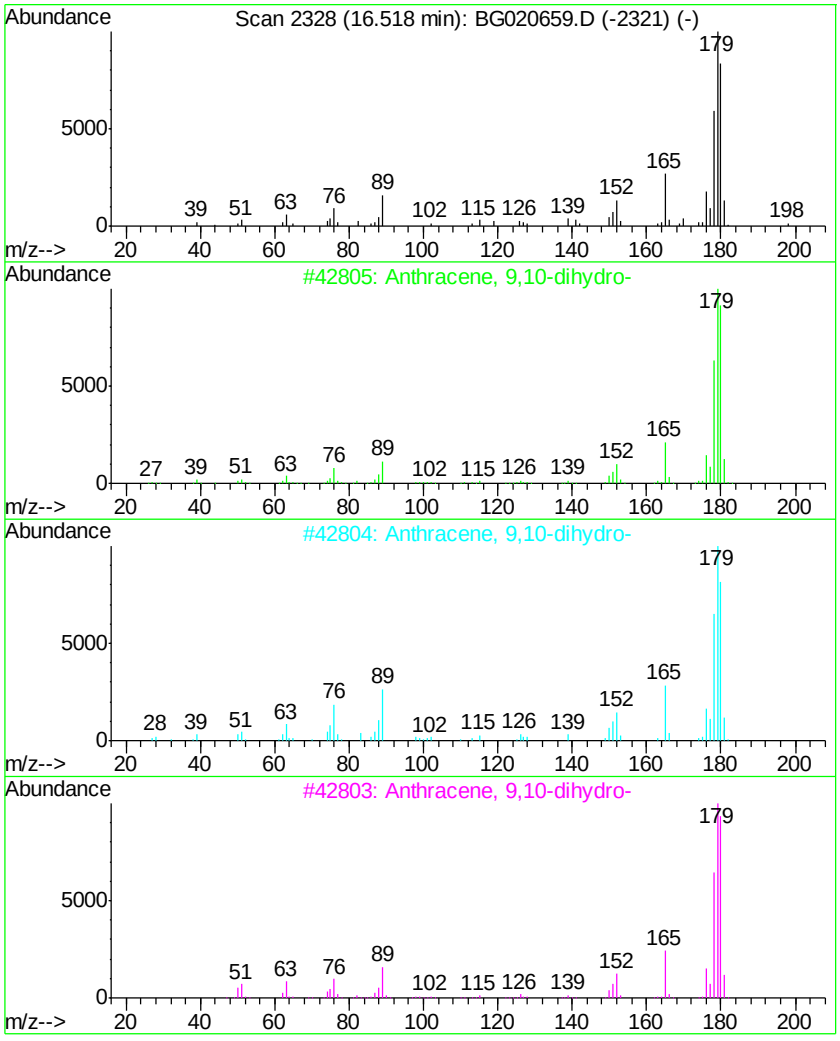
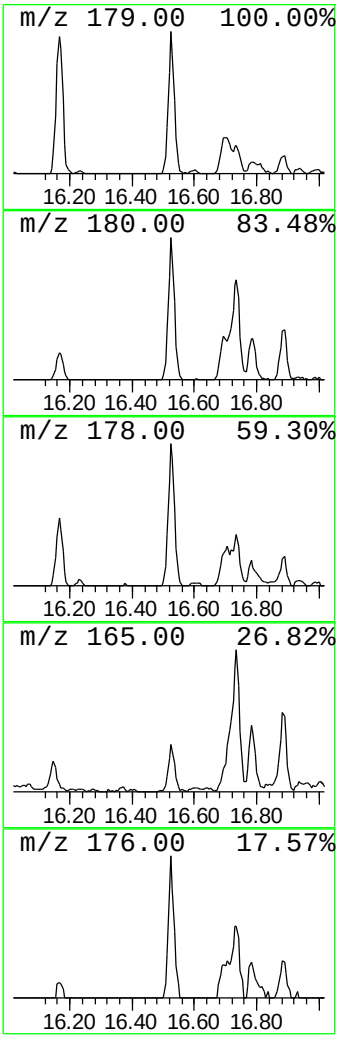
Peak Number 31 Anthracene, 9,10-dihydro- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	7.28 ng/ul	122316	Phenanthrene-d10	17.44

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	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	93
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	83





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Quant Title : SVOA CALIBRATION

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

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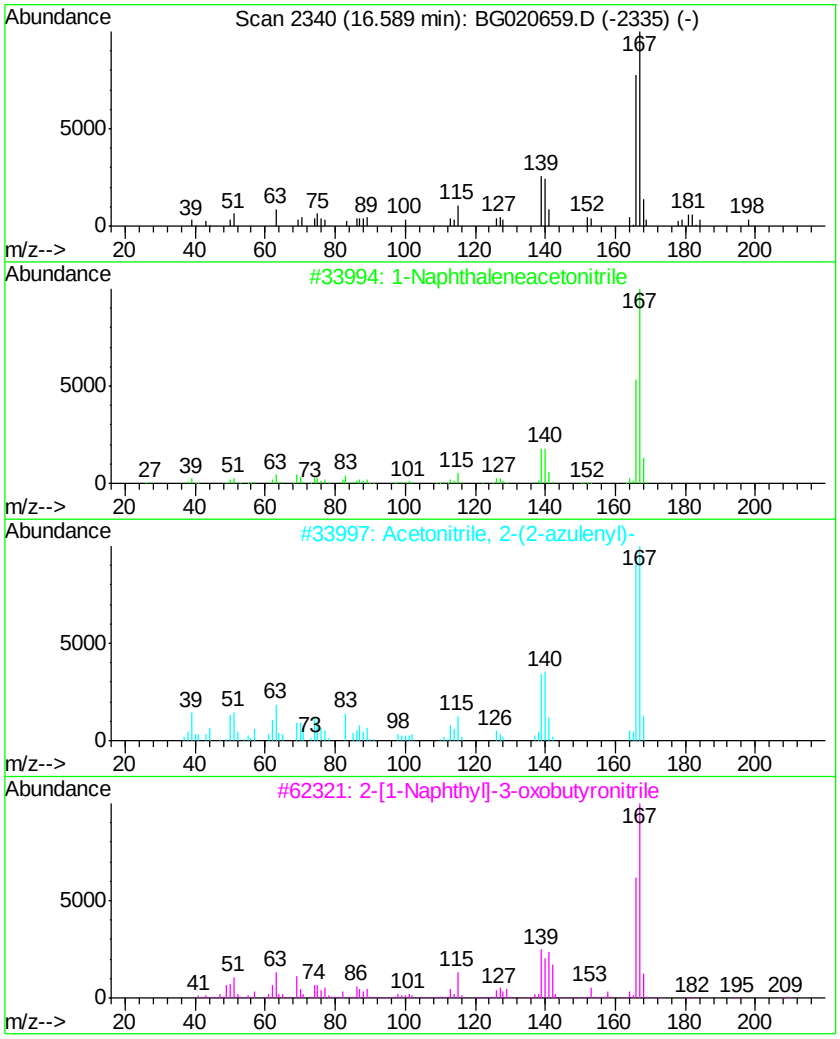
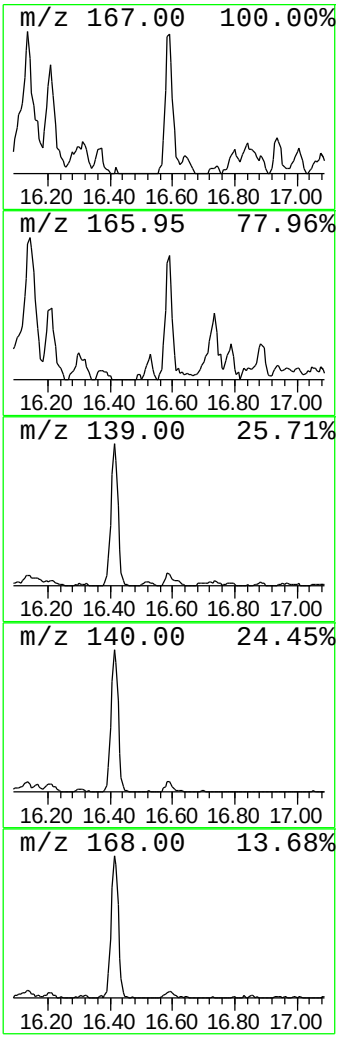
Peak Number 32 1-Naphthaleneacetonitrile Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.25 ng/ul	37760	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	93
2	Acetonitrile, 2-(2-azulenyl)-	167	C12H9N	054798-12-8	90
3	2-[1-Naphthyl]-3-oxobutyronitrile	209	C14H11NO	031573-38-3	78
4	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	76
5	1-Cyano-4-methylnaphthalene	167	C12H9N	036062-93-8	72





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Instrument : BNA_G
ClientSampleId : D9N60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

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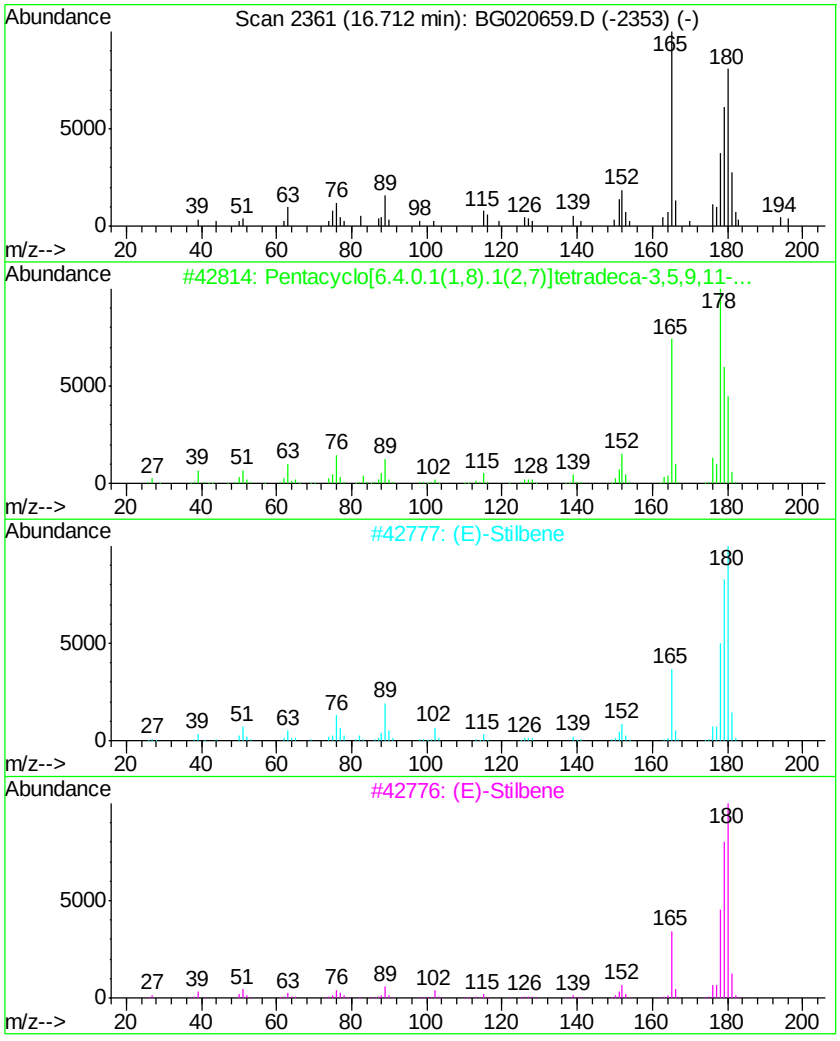
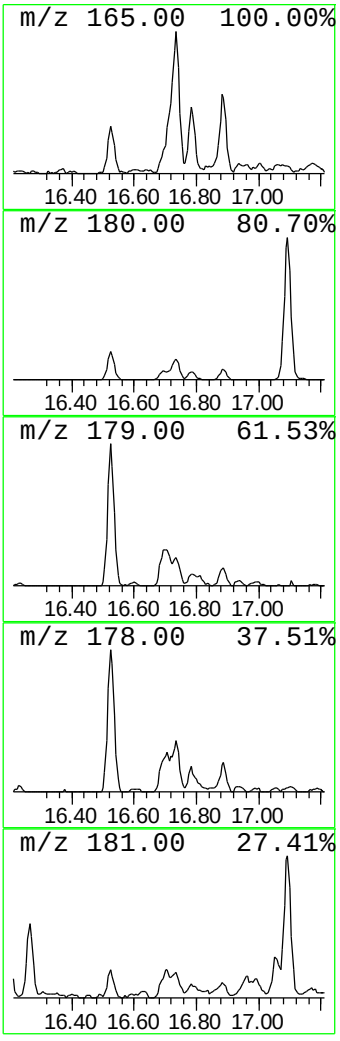
Peak Number 33 Pentacyclo[6.4.0.1(1,8).1(2... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	4.12 ng/ul	69203	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	94
2	(E)-Stilbene	180	C14H12	000103-30-0	86
3	(E)-Stilbene	180	C14H12	000103-30-0	86
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70
5	(E)-Stilbene	180	C14H12	000103-30-0	62





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020659.D
Acq On : 5 Jan 2016 17:44
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

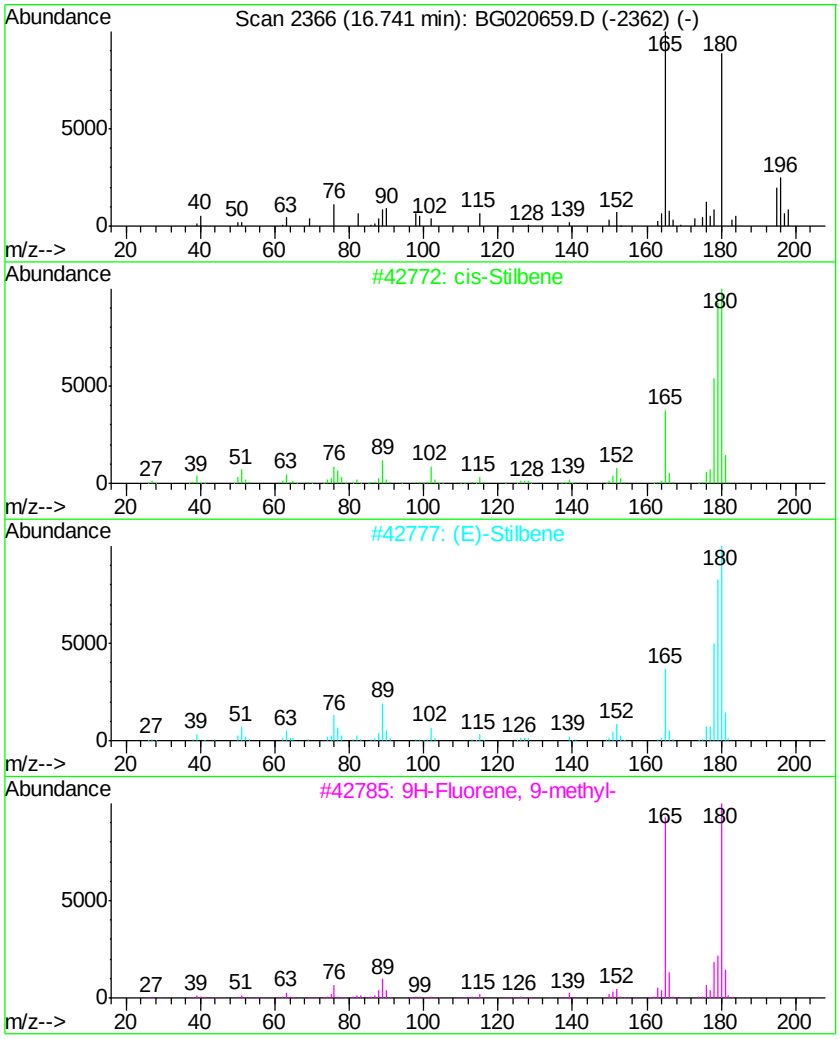
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

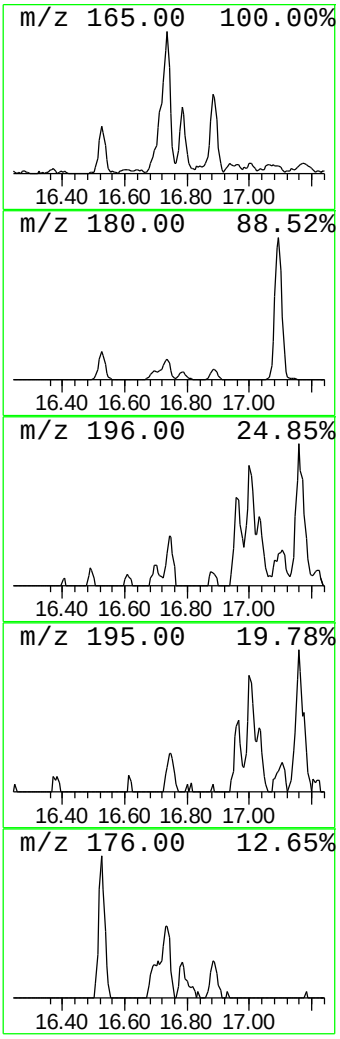
****

Peak Number 34 cis-Stilbene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	5.39 ng/ul	90529	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Stilbene	180	C14H12	000645-49-8	72
2	(E)-Stilbene	180	C14H12	000103-30-0	72
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
5	tert-Butyl-4-hydroxy anisole	180	C11H16O2	1000285-06-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
Data File : BG020659.D
Acq On : 5 Jan 2016 17:44
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.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
Butane, 2-methoxy...	3.15	10.0	ng/ul	48053	1	8.05	96498	20.0
Benzofuran	7.77	7.5	ng/ul	36418	1	8.05	96498	20.0
Indane	8.43	14.8	ng/ul	71417	1	8.05	96498	20.0
Indene	8.59	102.2	ng/ul	493295	1	8.05	96498	20.0
Benzofuran, 2-met...	9.54	14.7	ng/ul	79073	2	10.88	107659	20.0
Benzene, 1-etheny...	10.26	5.9	ng/ul	31804	2	10.88	107659	20.0
Benzene, 1-butynyl-	10.36	6.7	ng/ul	35771	2	10.88	107659	20.0
2-Benzothiophene #	11.05	77.6	ng/ul	417806	2	10.88	107659	20.0
Benzo[b]thiophene...	12.42	11.0	ng/ul	59427	2	10.88	107659	20.0
Benzo[b]thiophene...	12.64	14.5	ng/ul	77853	2	10.88	107659	20.0
Naphthalene, 1-me...	12.75	276.8	ng/ul	1489760	2	10.88	107659	20.0
Quinoline, 5-methyl-	13.16	3.1	ng/ul	36185	3	14.69	234639	20.0
Naphthalene, 1-et...	13.72	18.0	ng/ul	211529	3	14.69	234639	20.0
Naphthalene, 1,3-...	13.87	20.4	ng/ul	239926	3	14.69	234639	20.0
Naphthalene, 1,7-...	14.01	27.7	ng/ul	325107	3	14.69	234639	20.0
Naphthalene, 2,6-...	14.24	10.2	ng/ul	119962	3	14.69	234639	20.0
2-Naphthalenecarb...	14.83	68.4	ng/ul	802292	3	14.69	234639	20.0
Benzene, [1-(2,4-...	15.00	9.8	ng/ul	115538	3	14.69	234639	20.0
Propanedioic acid...	15.17	9.6	ng/ul	112295	3	14.69	234639	20.0
Naphthalene, 2,3,...	15.30	3.6	ng/ul	41811	3	14.69	234639	20.0
Naphthalene, 1,4,...	15.35	2.9	ng/ul	34498	3	14.69	234639	20.0
Benzene, 1,1'-(br...	15.90	16.4	ng/ul	192048	3	14.69	234639	20.0
1-Isopropenylnaph...	15.95	4.6	ng/ul	53961	3	14.69	234639	20.0
1,1'-Biphenyl, 2-...	15.98	5.7	ng/ul	66410	3	14.69	234639	20.0
Dibenzofuran, 4-m...	16.02	15.4	ng/ul	180323	3	14.69	234639	20.0
1(2H)-Acenaphthyl...	16.41	8.4	ng/ul	141561	4	17.44	336074	20.0
Anthracene, 9,10-...	16.52	7.3	ng/ul	122316	4	17.44	336074	20.0
1-Naphthaleneacet...	16.59	2.3	ng/ul	37760	4	17.44	336074	20.0
Pentacyclo[6.4.0....	16.71	4.1	ng/ul	69203	4	17.44	336074	20.0
cis-Stilbene	16.74	5.4	ng/ul	90529	4	17.44	336074	20.0