LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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	3.067	34	39	48	rBV	43533	78342	2.22%	0.570%
2	3.144	48	52	60	rVB	29915	42505	1.20%	0.309%
3	5.529	453	458	467	rVB	15252	24134	0.68%	0.175%
4	5.664	473	481	491	rVB	21005	46087	1.30%	0.335%
5	6.040	537	545	550	rVB4	10041	20239	0.57%	0.147%
6	7.127	724	730	736	rVB	5959	9261	0.26%	0.067%
7	7.210	736	744	750	rBV2	16559	30313	0.86%	0.220%
8	7.374	763	772	778	rBV	53245	88676	2.51%	0.645%
9	7.580	801	807	818	rBB	58379	97516	2.76%	0.709%
10	7.691	821	826	833	rVB3	14207	23693	0.67%	0.172%
11	8.050	881	887	895	rBV	53307	90344	2.56%	0.657%
12	8.161	900	906	914	rBV3	4720	9077	0.26%	0.066%
13	8.426	943	951	959	rBB	44456	70940	2.01%	0.516%
14	8.590	973	979	986	rBB	27299	44585	1.26%	0.324%
15	8.761	1002	1008	1018	rBB	49509	86696	2.45%	0.630%
16	9.225	1080	1087	1094	rBV	70671	126596	3.58%	0.920%
17	9.742	1169	1175	1180	rVB	2713	4703	0.13%	0.034%
18	9.948	1204	1210	1222	rBB	65789	115690	3.27%	0.841%
19	10.112	1233	1238	1245	rBB2	4328	6855	0.19%	0.050%
20	10.259	1257	1263	1275	rBV5	12190	32346	0.92%	0.235%
21	10.365	1275	1281	1293	rVB2	7235	19186	0.54%	0.139%
22	10.494	1296	1303	1311	rBV	96999	173425	4.91%	1.261%
23	10.870	1359	1367	1370	rBV	73199	136532	3.86%	0.993%
24	10.935	1370	1378	1390	rVV	1848974	3533711	100.00%	25.691%
25	11.040	1390	1396	1406	rVB	68319	118810	3.36%	0.864%
26	11.693	1501	1507	1514	rBB2	6150	11232	0.32%	0.082%
27	12.057	1564	1569	1572	rVB3	2995	4178	0.12%	0.030%
28	12.415	1626	1630	1634	rBV2	5399	8891	0.25%	0.065%
29	12.521	1641	1648	1656	rBV	370253	606948	17.18%	4.413%
30	12.639	1662	1668	1674	rVB	6433	10996	0.31%	0.080%
31	12.738	1675	1685	1695	rBV	186860	312477	8.84%	2.272%
32	13.520	1812	1818	1832	rBV	80223	124693	3.53%	0.907%
33	13.720	1846	1852	1863	rVB	18015	32402	0.92%	0.236%
34	13.855	1866	1875	1884	rBB3	18409	47864	1.35%	0.348%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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	14.007	1894	1901	1906	rBV	36127	62461	1.77%	0.454%
36	14.090	1906	1915	1921	rVV	229822	359775	10.18%	2.616%
37	14.248	1937	1942	1945	rBV	15317	21869	0.62%	0.159%
38	14.278	1945	1947	1952	rVB	4997	5900	0.17%	0.043%
39	14.337	1952	1957	1959	rBV3	3677	5274	0.15%	0.038%
40	14.384	1959	1965	1975	rVB2	229648	417706	11.82%	3.037%
41	14.654	2007	2011	2012	rBV	13493	14415	0.41%	0.105%
42	14.689	2012	2017	2023	rVV2	146782	238870	6.76%	1.737%
43	14.754	2023	2028	2035	rVV	382627	581124	16.45%	4.225%
44	14.818	2035	2039	2047	rVV	4275	7596	0.21%	0.055%
45	14.895	2047	2052	2063	rVV3	12754	27177	0.77%	0.198%
46	14.995	2064	2069	2074	rVV	5990	9243	0.26%	0.067%
47	15.089	2078	2085	2093	rBV	186668	281602	7.97%	2.047%
48	15.294	2115	2120	2126	rBV3	3155	5435	0.15%	0.040%
49	15.353	2126	2130	2140	rVB5	1895	4469	0.13%	0.032%
50	15.465	2143	2149	2153	rBV2	2370	4510	0.13%	0.033%
51	15.682	2176	2186	2191	rBV	324738	494895	14.00%	3.598%
52	15.735	2191	2195	2202	rVV2	249667	365899	10.35%	2.660%
53	15.805	2202	2207	2213	rVV2	75625	125404	3.55%	0.912%
54	15.858	2213	2216	2219	rVV2	13173	18735	0.53%	0.136%
55	15.894	2219	2222	2228	rVV4	15223	26088	0.74%	0.190%
56	15.946	2228	2231	2234	rVV2	4621	6475	0.18%	0.047%
57	15.982	2234	2237	2241	rVV2	6185	9157	0.26%	0.067%
58	16.029	2241	2245	2250	rVB	13839	18486	0.52%	0.134%
59	16.176	2260	2270	2278	rBV3	13597	35749	1.01%	0.260%
60	16.522	2325	2329	2334	rBV2	10590	14594	0.41%	0.106%
61	16.734	2355	2365	2370	rBV3	8682	18536	0.52%	0.135%
62	16.787	2370	2374	2381	rVB3	5284	7693	0.22%	0.056%
63	16.892	2386	2392	2395	rVB	3948	5659	0.16%	0.041%
64	17.098	2423	2427	2433	rVB3	4597	9226	0.26%	0.067%
65	17.251	2448	2453	2461	rVB	32583	46852	1.33%	0.341%
66	17.433	2478	2484	2488	rBV2	207619	334349	9.46%	2.431%
67	17.480	2488	2492	2497	rVV	471560	685739	19.41%	4.985%
68	17.533	2497	2501	2513	rVV	371938	615427	17.42%	4.474%
69	17.703	2526	2530	2536	rVB2	6179	8742	0.25%	0.064%
70	17.838	2547	2553	2560	rBV	28463	43783	1.24%	0.318%
71	18.044	2584	2588	2592	rVB	9333	11353	0.32%	0.083%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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

72	18.085	2592	2595	2599	rVB3	4335	5160	0.15%	0.038%
73	18.308	2624	2633	2637	rBV2	10754	18967	0.54%	0.138%
74	18.361	2637	2642	2644	rVV2	15925	24984	0.71%	0.182%
75	18.379	2644	2645	2651	rVB	15347	12600	0.36%	0.092%
76	18.443	2651	2656	2660	rVB3	2852	4318	0.12%	0.031%
77	18.508	2660	2667	2672	rBV	29401	50793	1.44%	0.369%
78	18.608	2678	2684	2689	rBV3	2969	4842	0.14%	0.035%
79	18.655	2689	2692	2696	rVB	3634	4875	0.14%	0.035%
80	18.749	2704	2708	2713	rVB2	2630	4416	0.12%	0.032%
81	18.802	2713	2717	2721	rVV2	5269	7993	0.23%	0.058%
82	18.849	2721	2725	2731	rVB2	5721	8975	0.25%	0.065%
83	19.483	2828	2833	2840	rVB	84888	115286	3.26%	0.838%
84	19.713	2861	2872	2882	rBV4	4032	9987	0.28%	0.073%
85	19.818	2884	2890	2905	rVV2	477677	748493	21.18%	5.442%
86	20.224	2955	2959	2969	rVB	7312	10701	0.30%	0.078%
87	21.322	3142	3146	3149	rVB3	3697	4613	0.13%	0.034%
88	21.416	3159	3162	3167	rBV2	4098	6196	0.18%	0.045%
89	21.704	3204	3211	3223	rBV2	250488	413178	11.69%	3.004%
90	22.127	3278	3283	3287	rVB3	2695	5547	0.16%	0.040%
91	22.474	3338	3342	3347	rBV6	3327	4713	0.13%	0.034%
92	23.161	3458	3459	3467	rVB5	4556	6924	0.20%	0.050%
93	23.820	3568	3571	3576	rVB5	3280	6529	0.18%	0.047%
94	23.972	3591	3597	3605	rVB7	5868	13233	0.37%	0.096%
95	24.730	3714	3726	3739	rBV	250338	674883	19.10%	4.907%
96	24.953	3753	3764	3775	rVB	130346	386261	10.93%	2.808%
97	26.046	3943	3950	3959	rVB5	7418	20409	0.58%	0.148%
98	27.415	4171	4183	4190	rBV8	7518	25587	0.72%	0.186%
99	29.037	4452	4459	4462	rBV6	3823	8875	0.25%	0.065%
100	31.011	4790	4795	4797	rBV5	2962	5143	0.15%	0.037%

Sum of corrected areas: 13754691

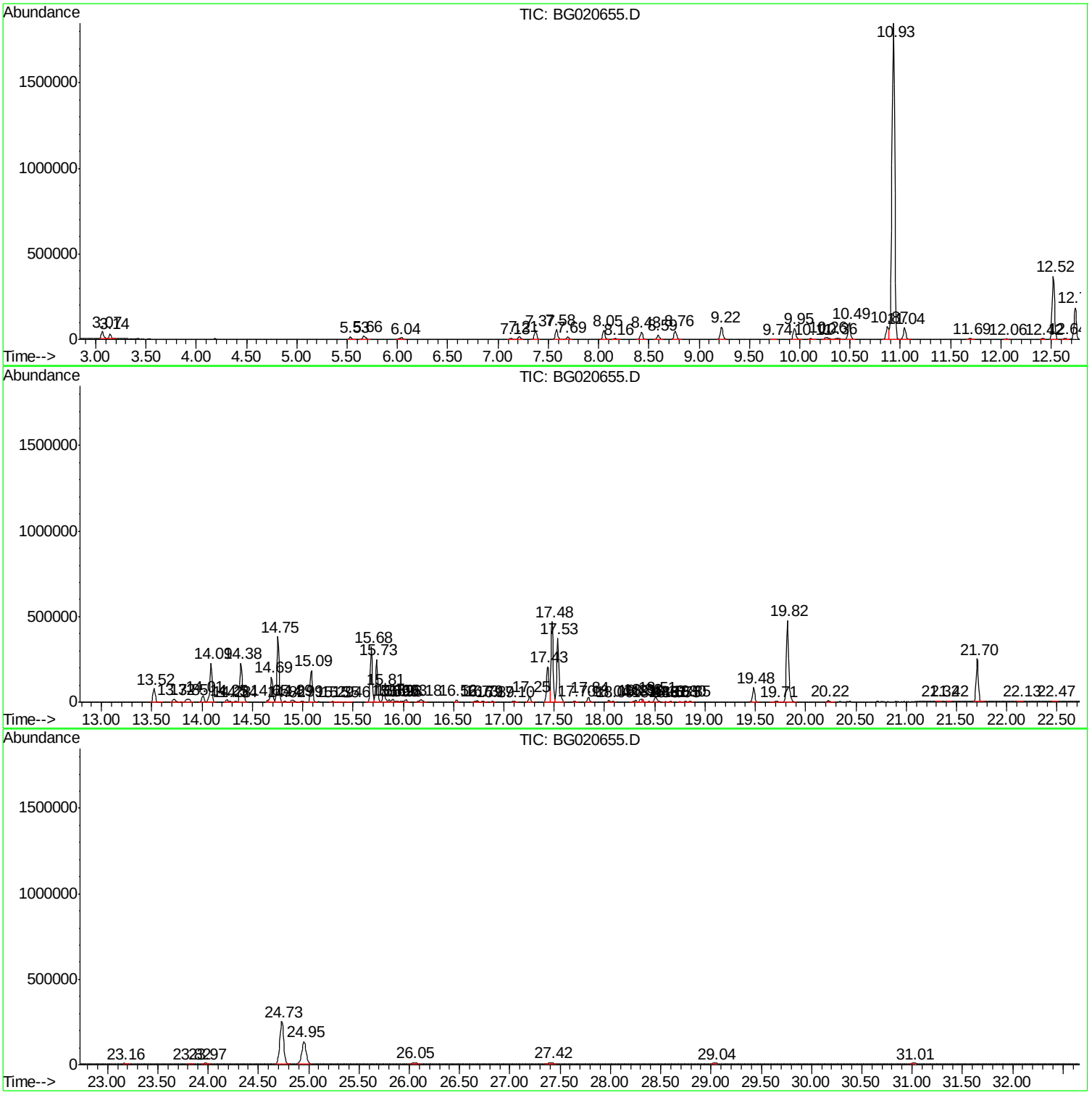
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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

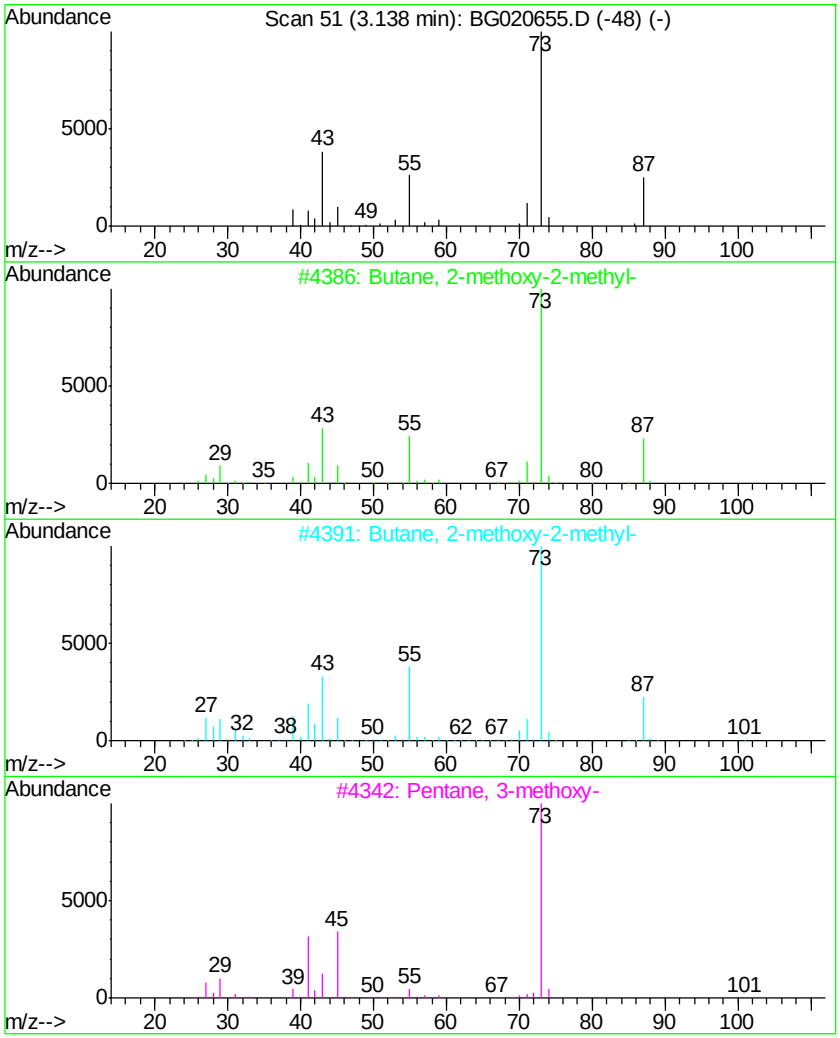
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

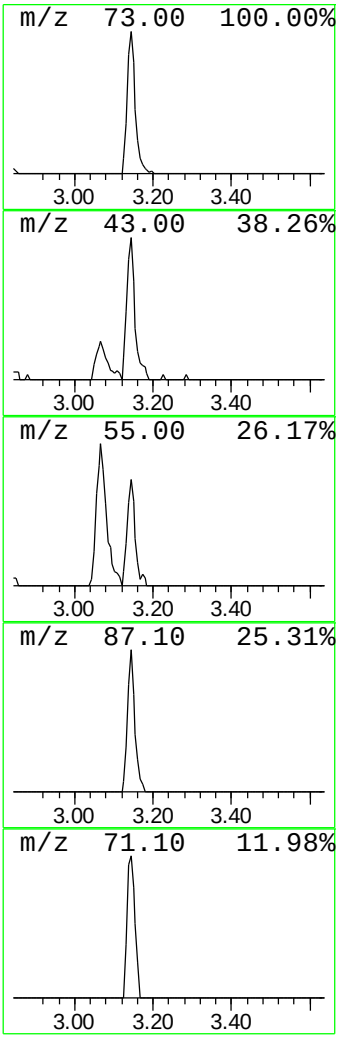
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	9.41 ng/ul	42505	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	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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

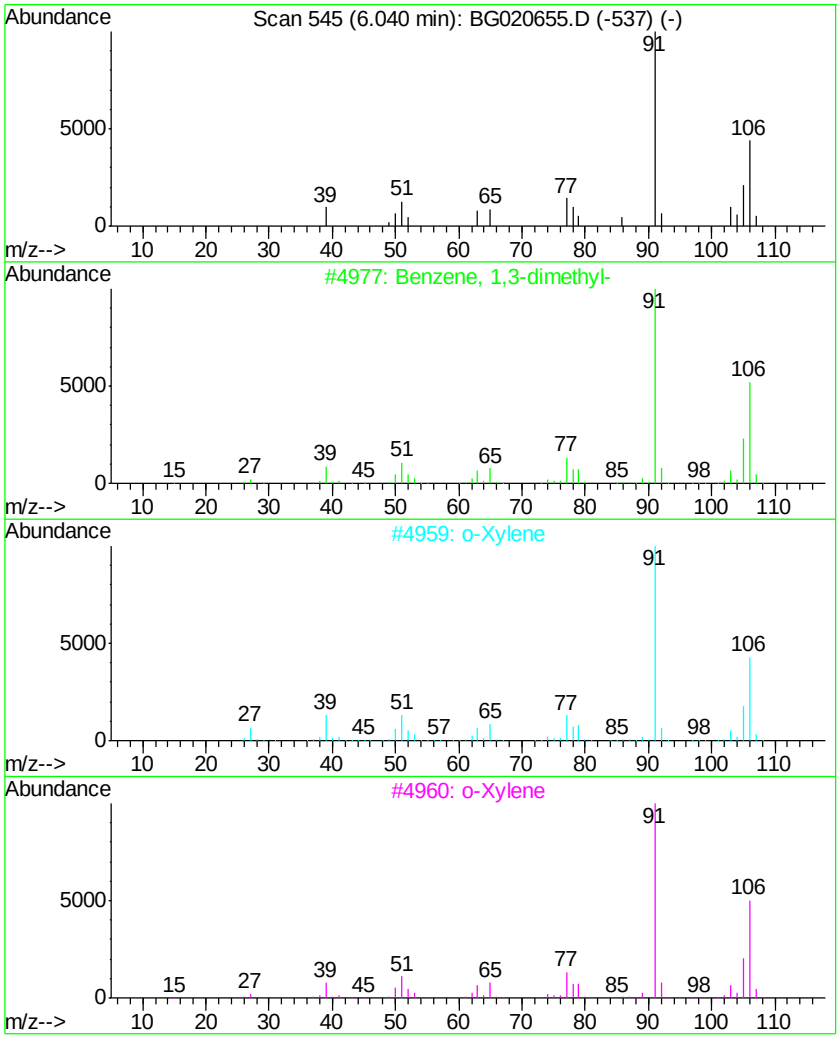
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

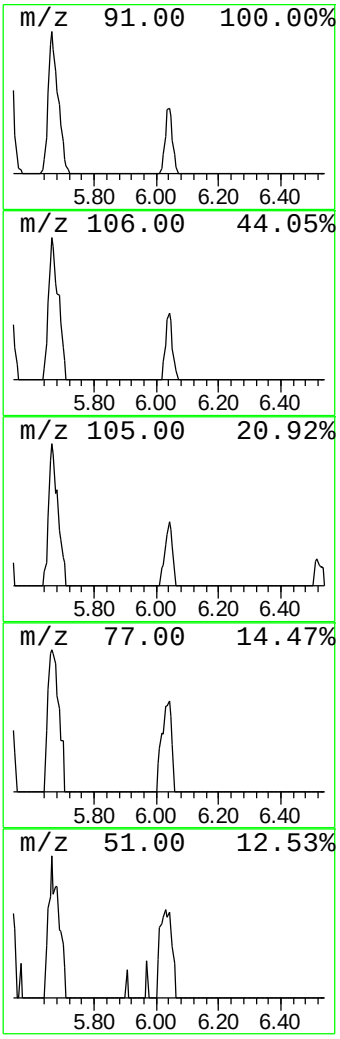
****

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	4.48 ng/ul	20239	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
2	o-Xylene	106	C8H10	000095-47-6	91
3	o-Xylene	106	C8H10	000095-47-6	91
4	o-Xylene	106	C8H10	000095-47-6	87
5	p-Xylene	106	C8H10	000106-42-3	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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

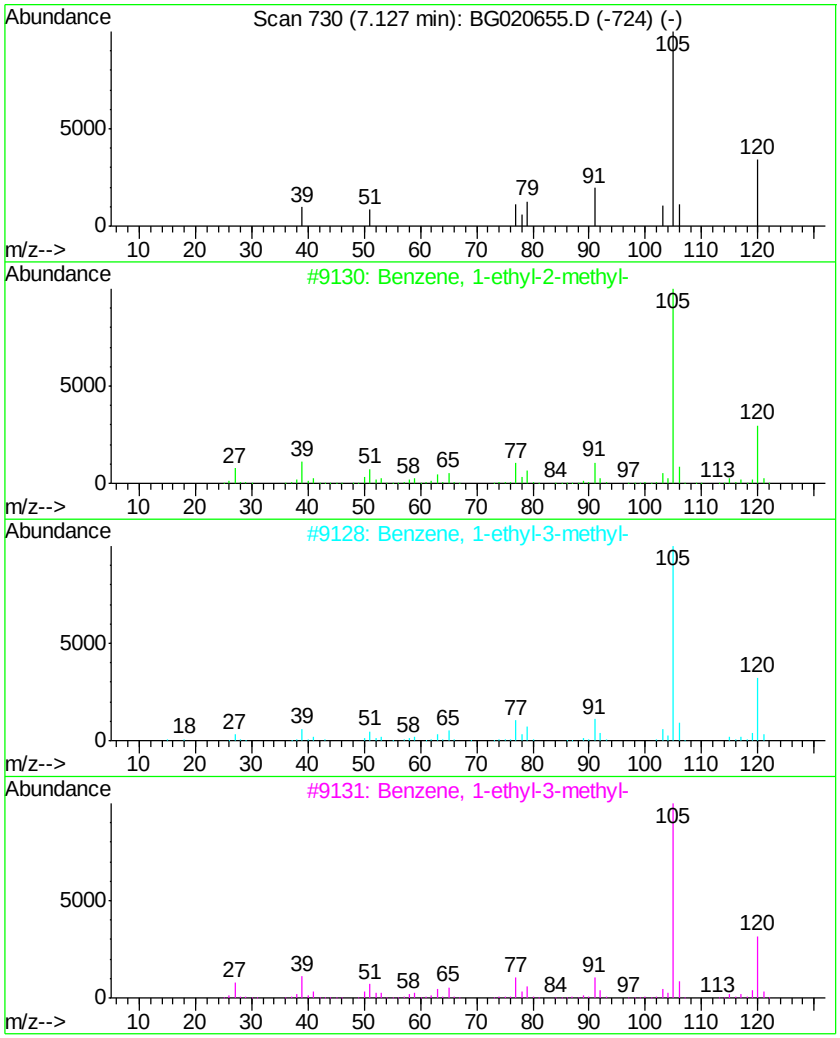
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

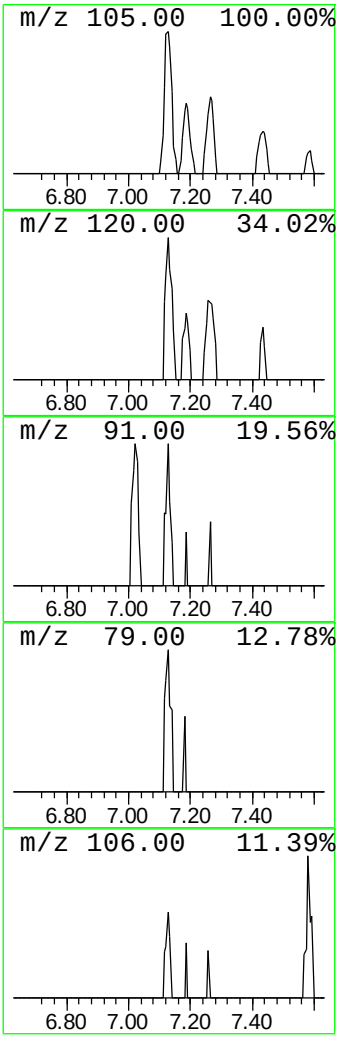
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	2.05 ng/ul	9261	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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

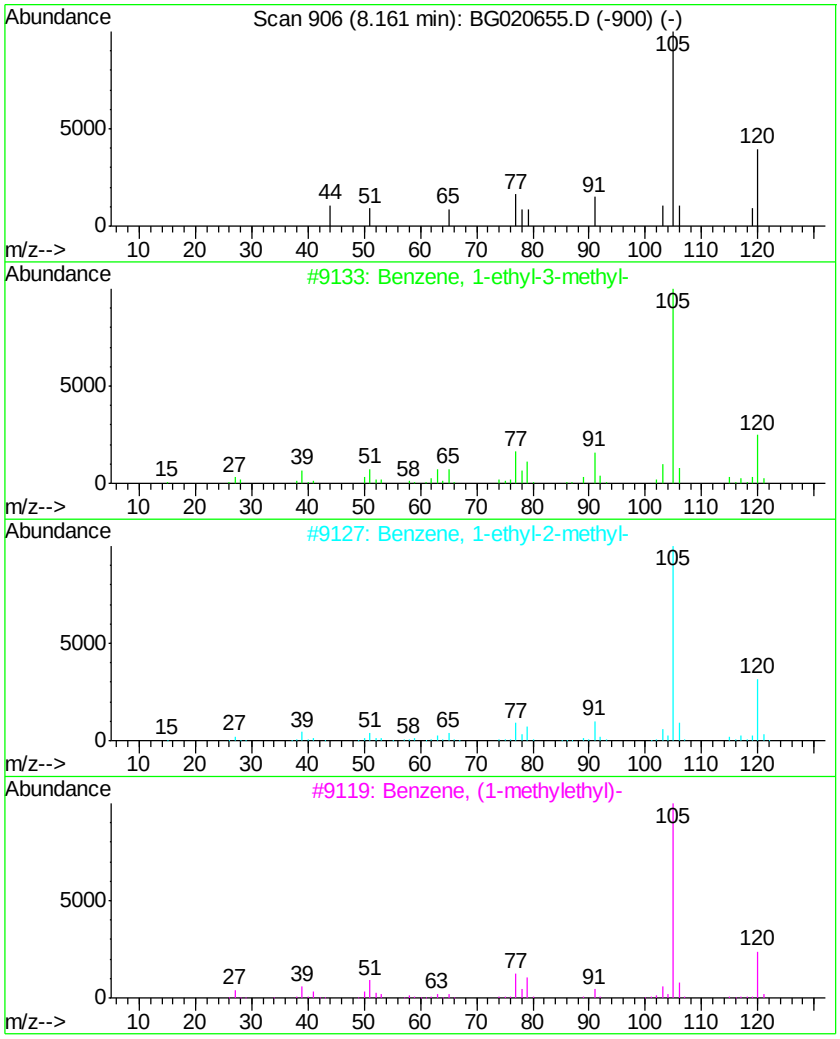
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

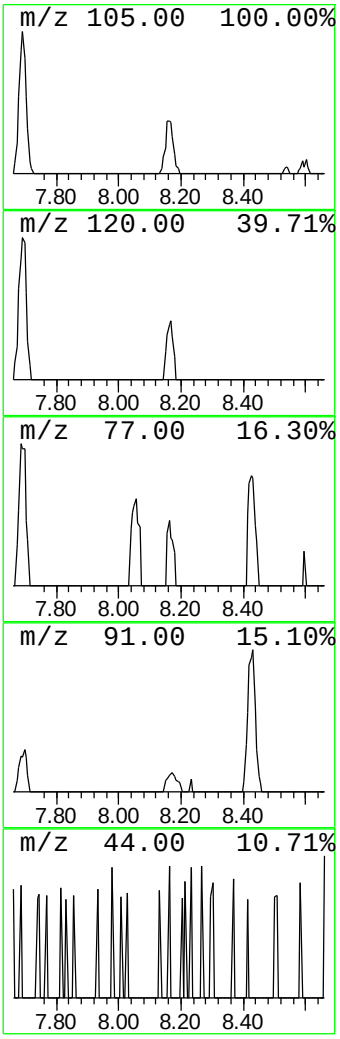
****

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	2.01 ng/ul	9077	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	78
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	72
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	72
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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

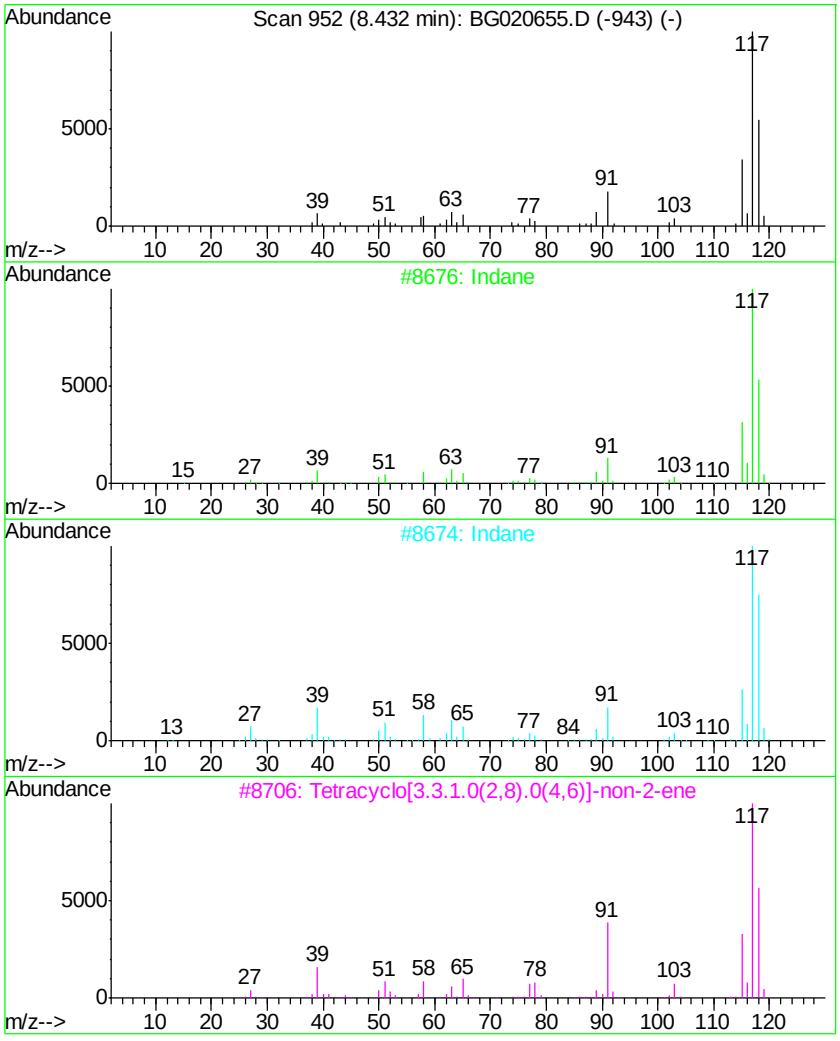
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

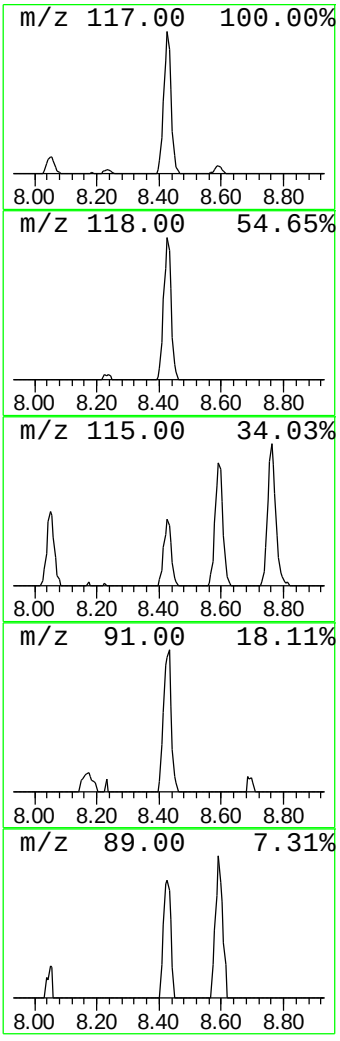
****

Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	15.70 ng/ul	70940	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	91
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Indane	118	C9H10	000496-11-7	60
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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Quant Title : SVOA CALIBRATION

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

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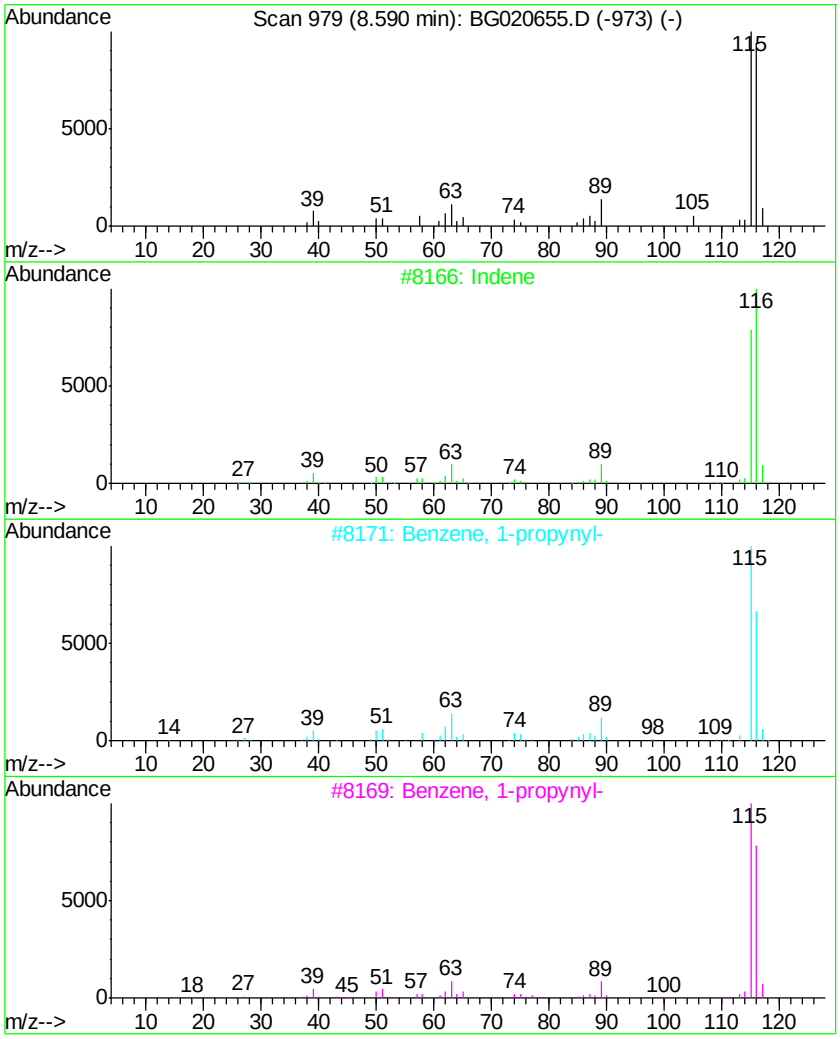
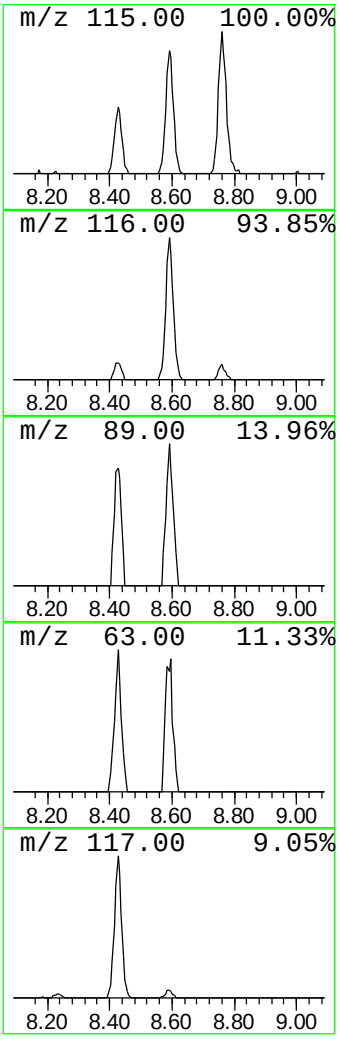
Peak Number 10 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	9.87 ng/ul	44585	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





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Operator : UM/SJ
Sample : G4846-12
Misc :
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Instrument : BNA_G
ClientSampleId : D9N58

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Quant Title : SVOA CALIBRATION

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

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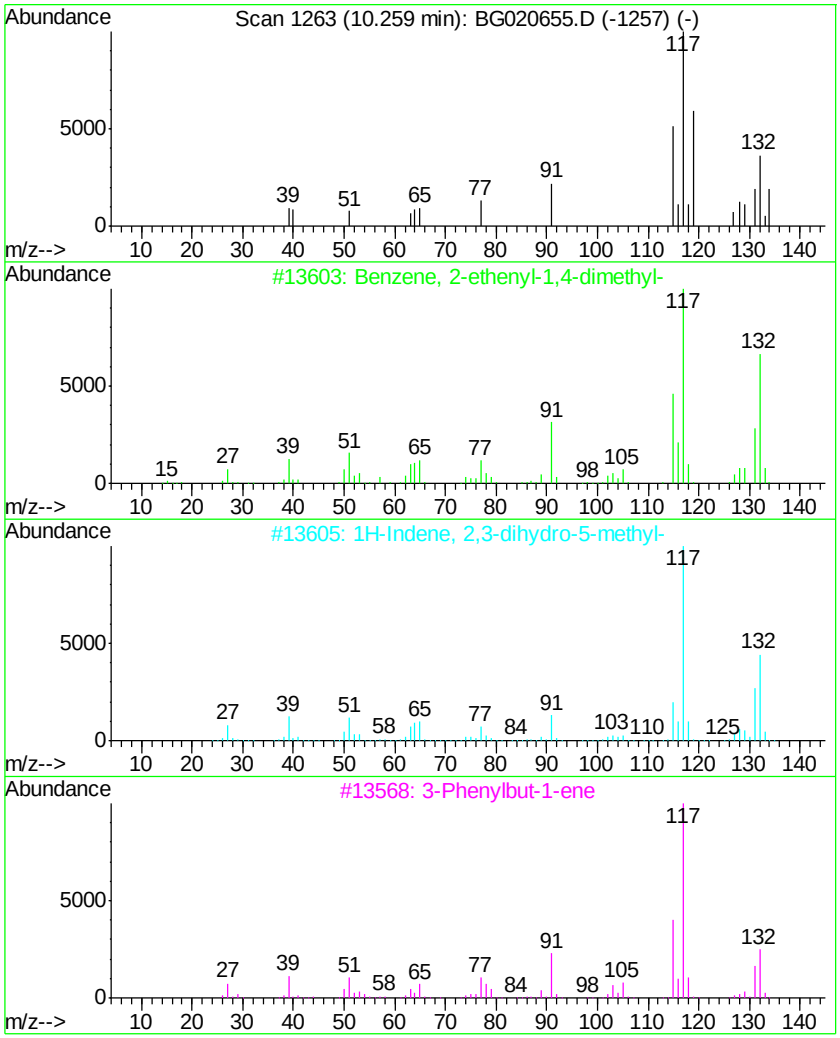
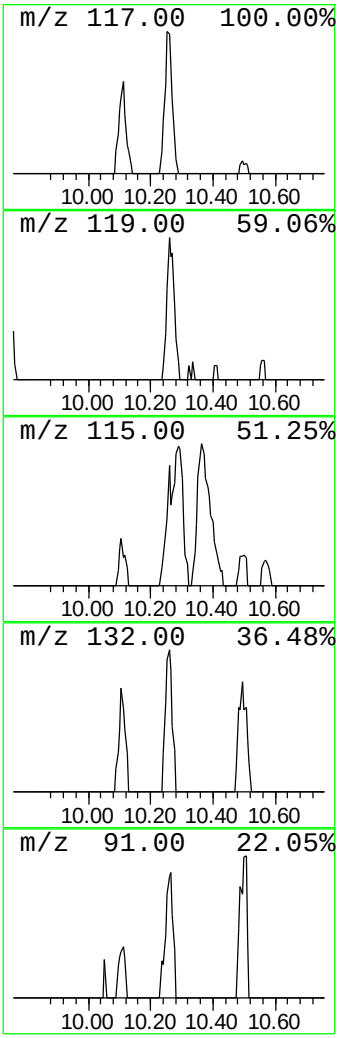
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	4.74 ng/ul	32346	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	60
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	58
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	53
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	52





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ClientSampleId : D9N58

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Quant Title : SVOA CALIBRATION

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

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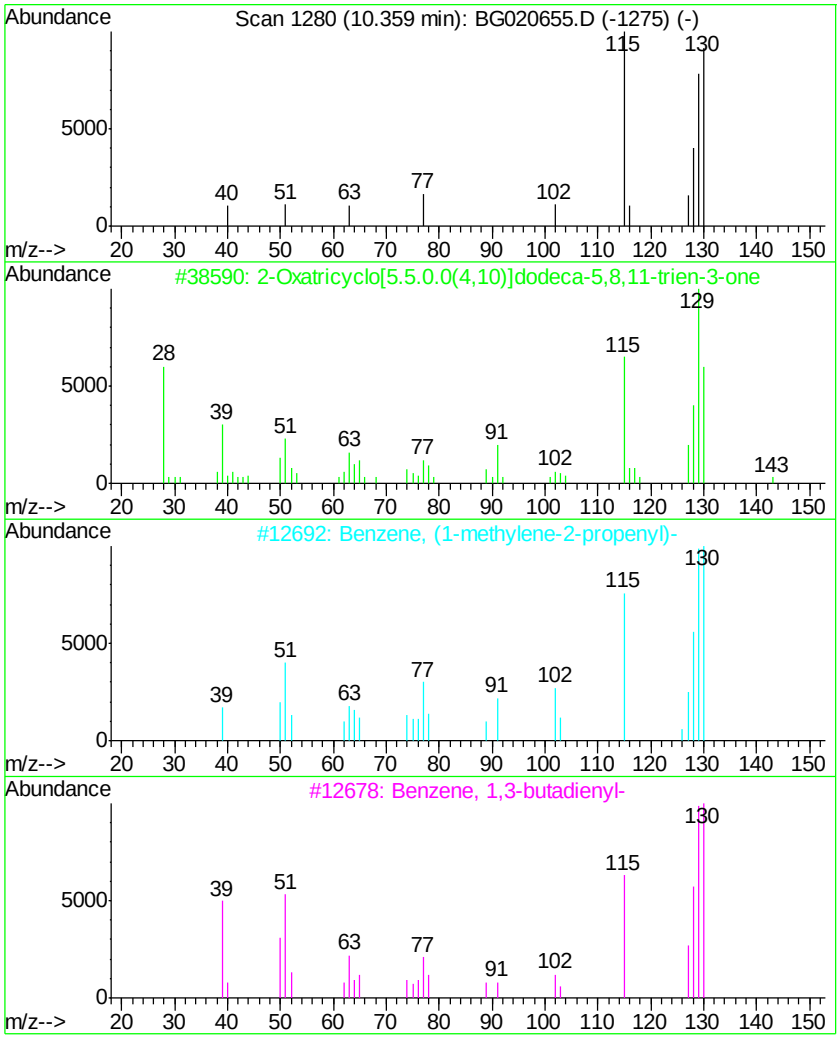
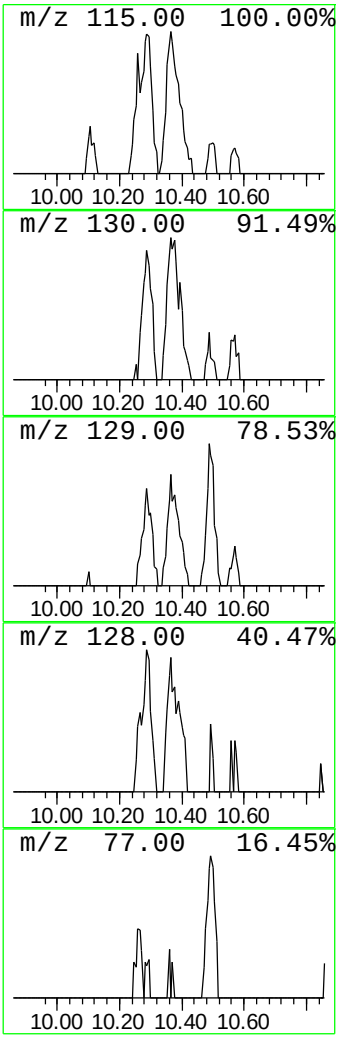
Peak Number 12 2-Oxatricyclo[5.5.0.0(4,10)... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	2.81 ng/ul	19186	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxatricyclo[5.5.0.0(4,10)]dode...	174	C11H10O2	056909-26-3	72
2	Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	59
3	Benzene, 1,3-butadienyl-	130	C10H10	001515-78-2	50
4	Benzene, 1-cyclobuten-1-yl-	130	C10H10	003365-26-2	25
5	Tetracyclo[2.2.1.0(2,6).0(3,5)]h...	116	C9H8	081787-74-8	9





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Quant Title : SVOA CALIBRATION

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

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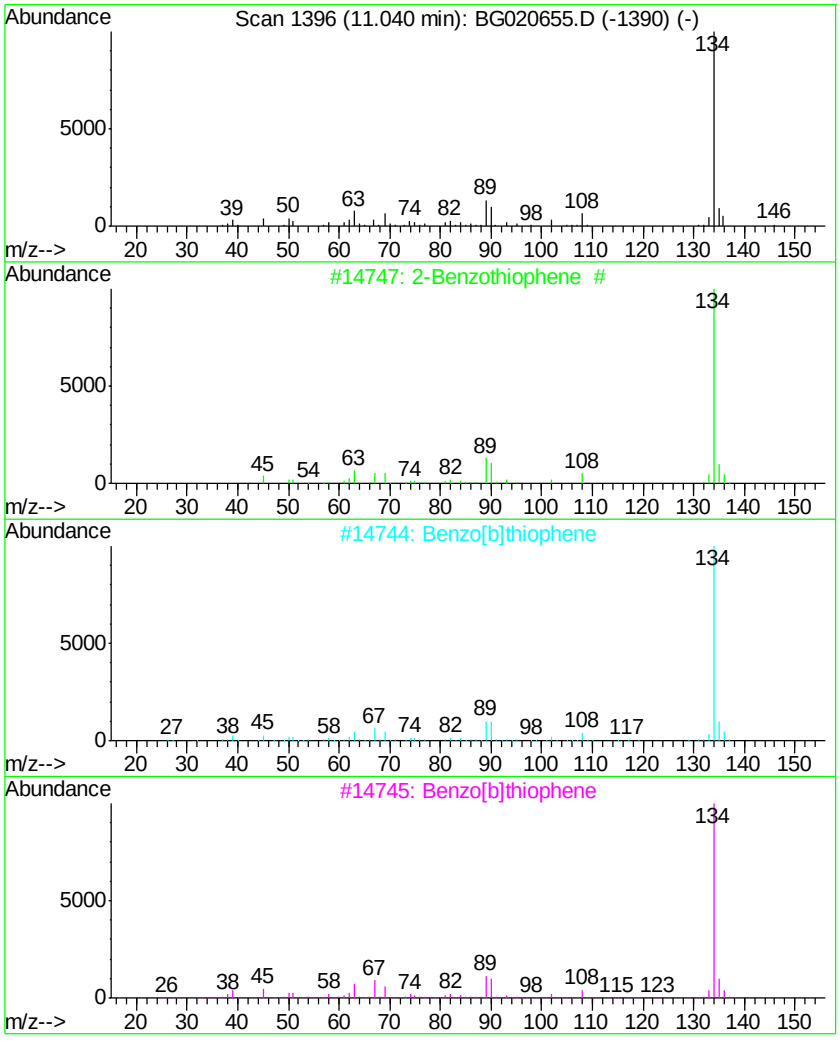
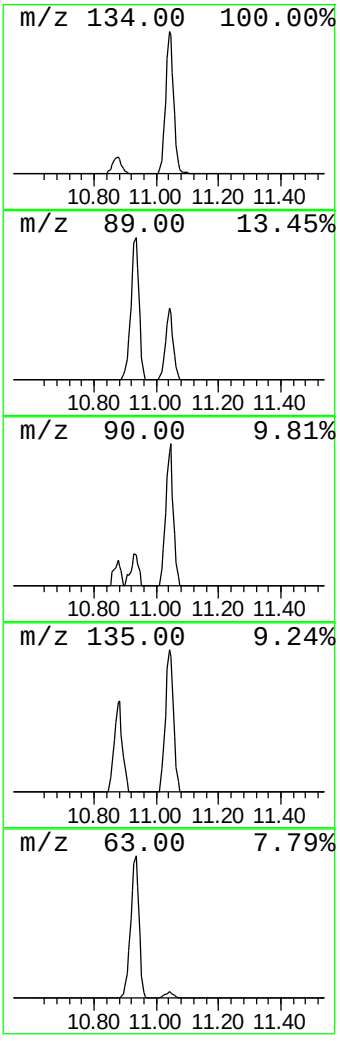
Peak Number 13 2-Benzothiophene # Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	17.40 ng/ul	118810	Naphthalene-d8	10.87

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	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94





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Instrument : BNA_G
ClientSampleId : D9N58

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Quant Title : SVOA CALIBRATION

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

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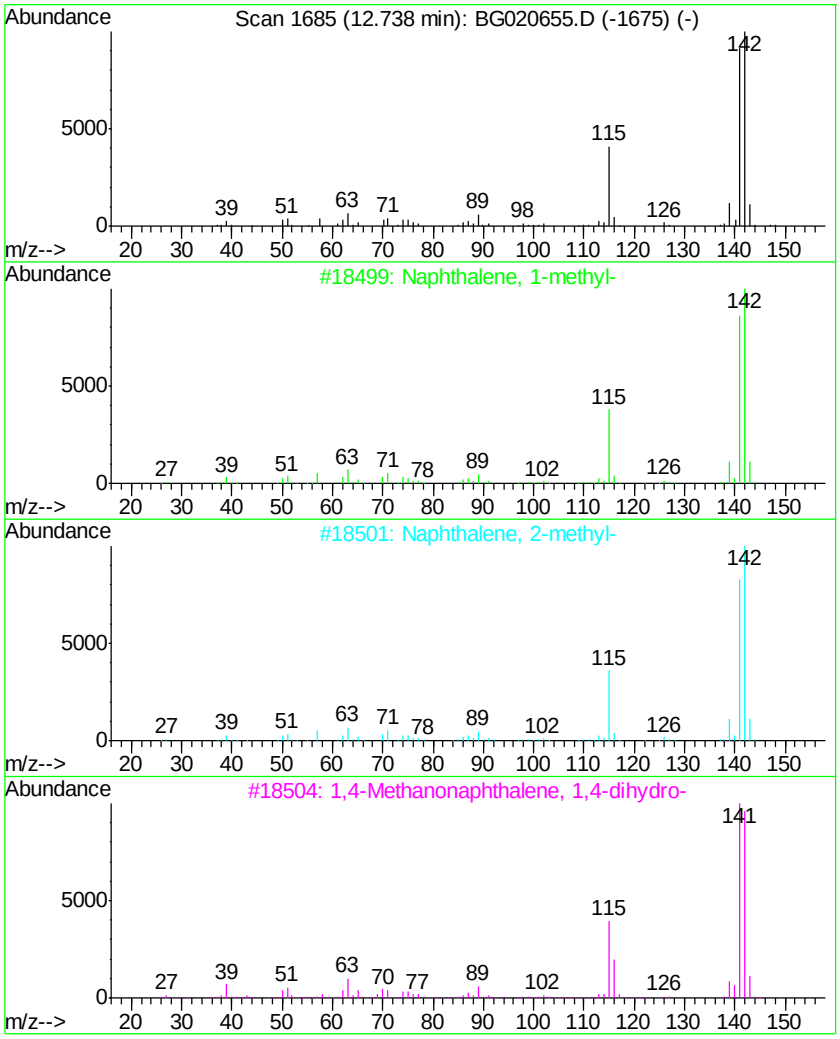
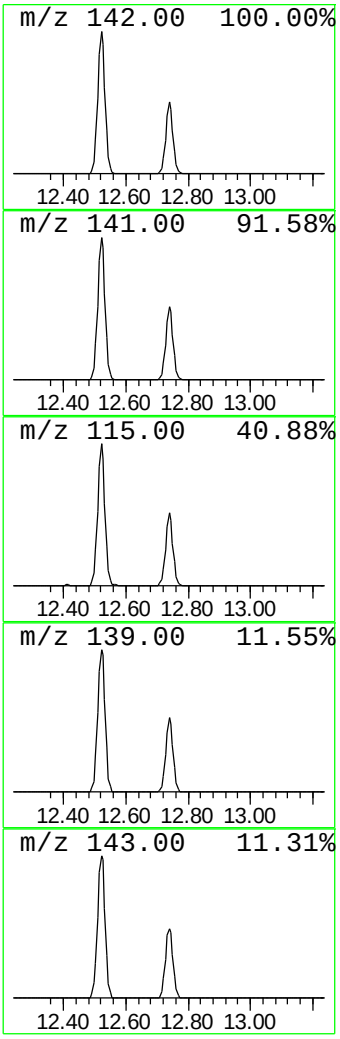
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	45.77 ng/ul	312477	Naphthalene-d8	10.87

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	Benzocycloheptatriene	142	C11H10	000264-09-5	94





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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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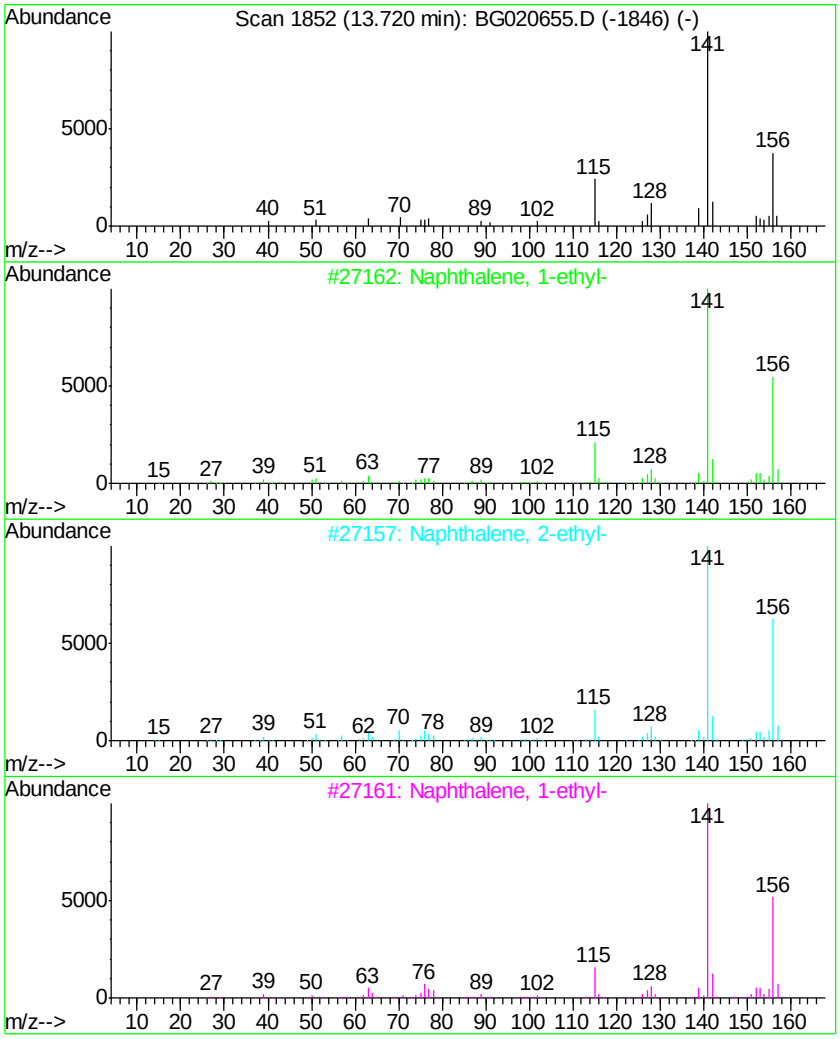
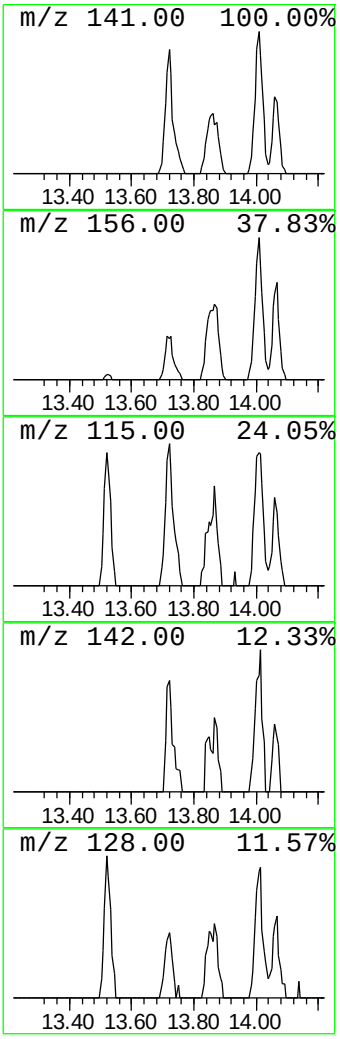
Peak Number 15 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.71 ng/ul	32402	Acenaphthene-d10	14.69

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





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Acq On : 5 Jan 2016 14:21
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Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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Quant Title : SVOA CALIBRATION

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

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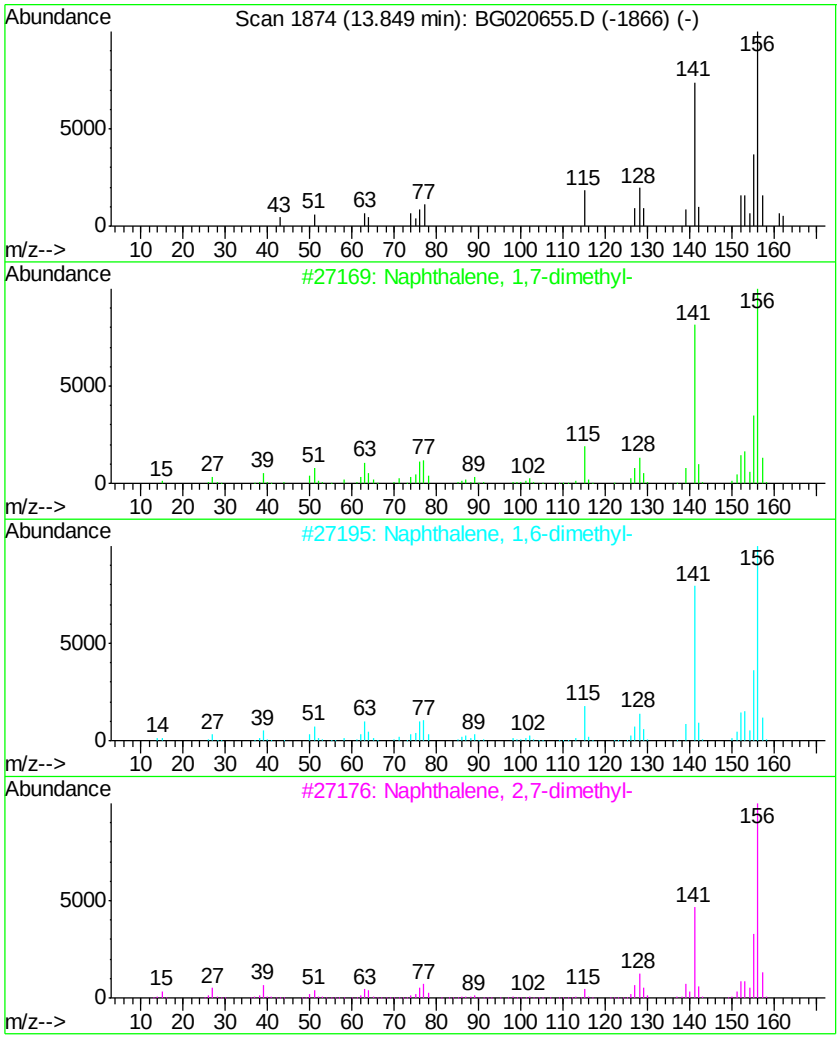
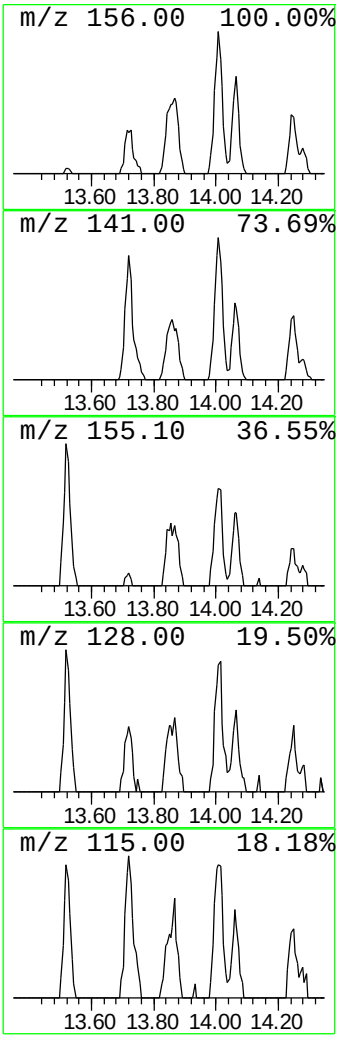
Peak Number 16 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.01 ng/ul	47864	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





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Misc :
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Quant Title : SVOA CALIBRATION

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

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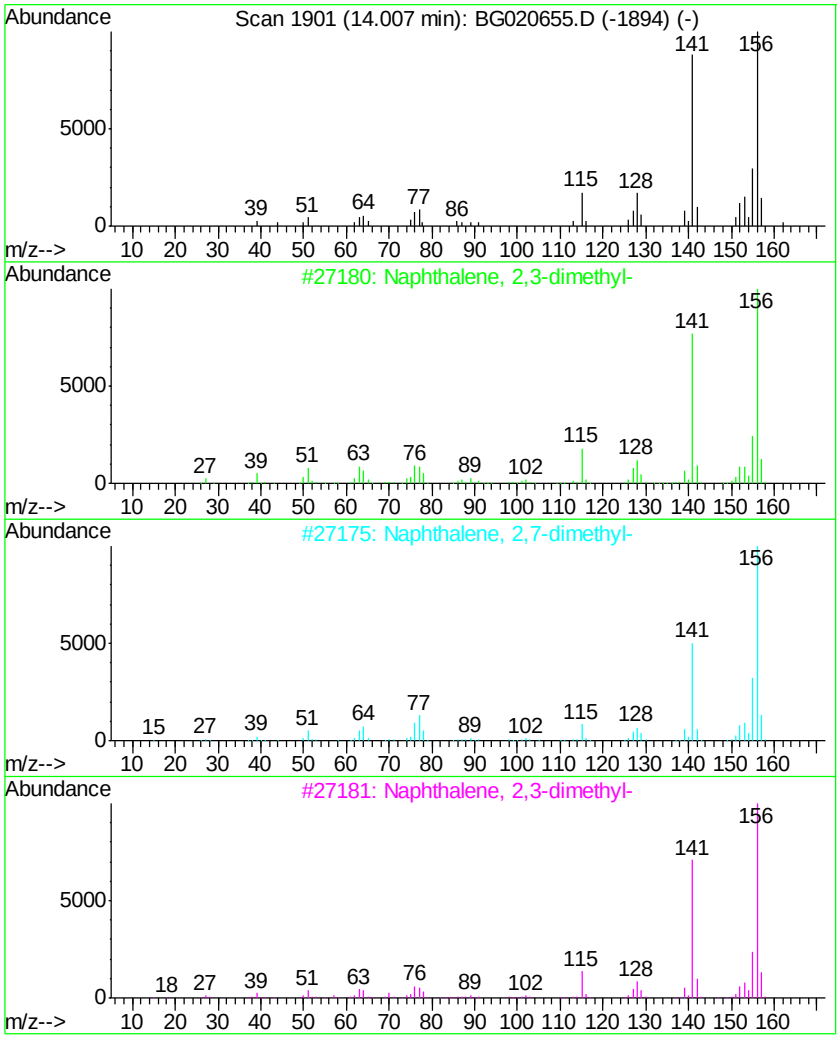
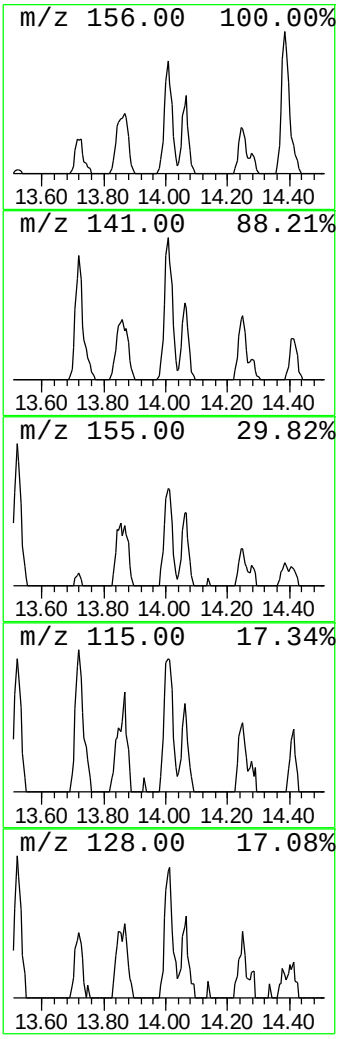
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	5.23 ng/ul	62461	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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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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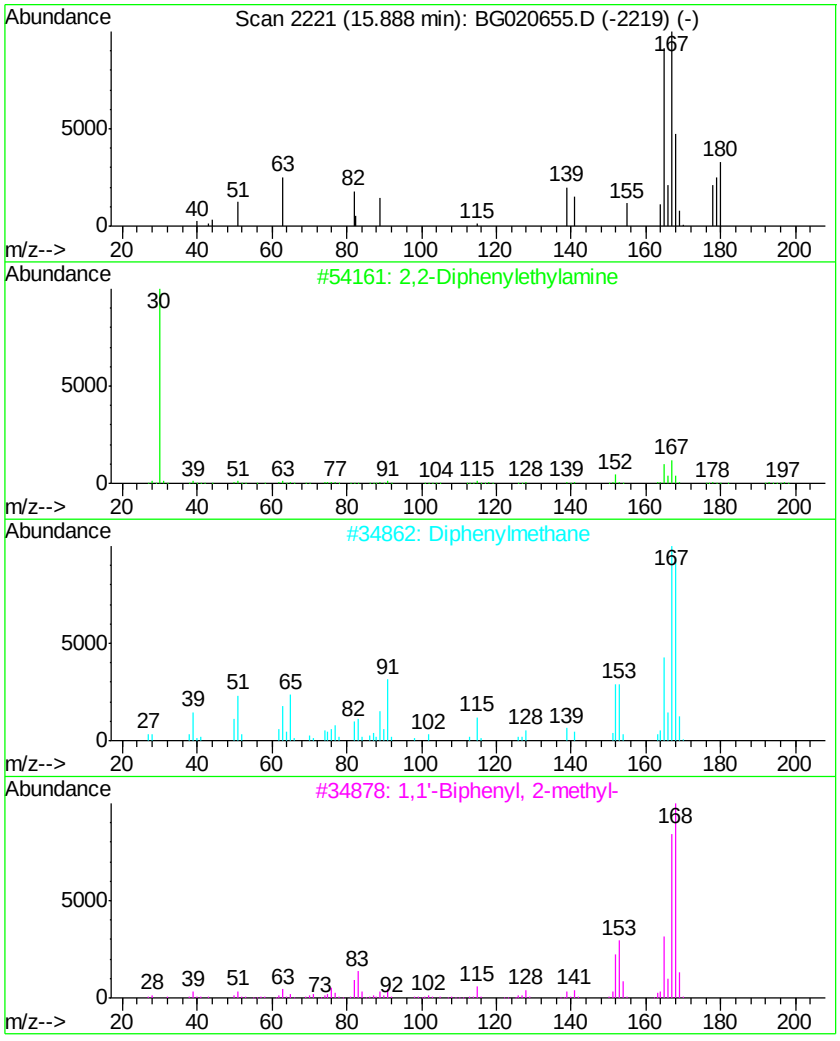
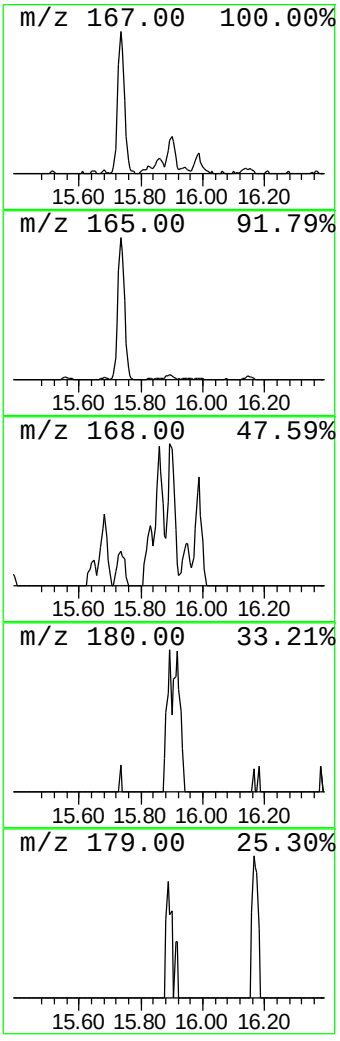
Peak Number 18 2,2-Diphenylethylamine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.18 ng/ul	26088	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Diphenylethylamine	197	C14H15N	003963-62-0	50
2	Diphenylmethane	168	C13H12	000101-81-5	47
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	45





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Quant Title : SVOA CALIBRATION

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

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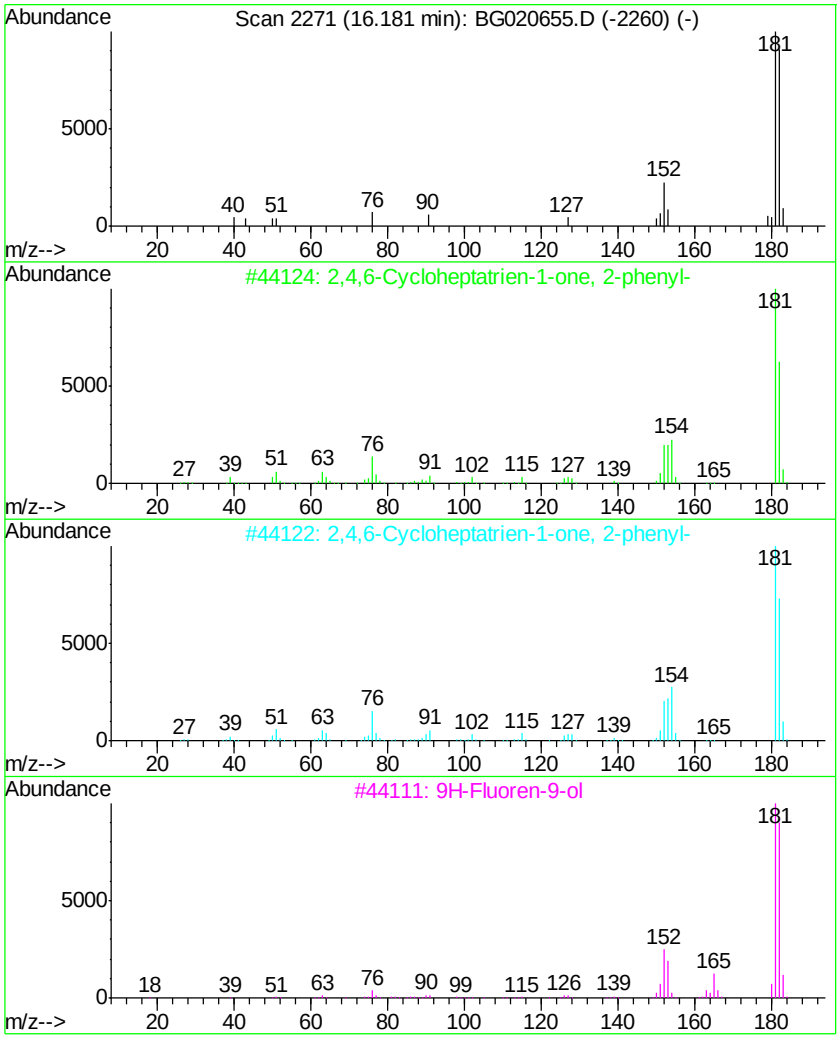
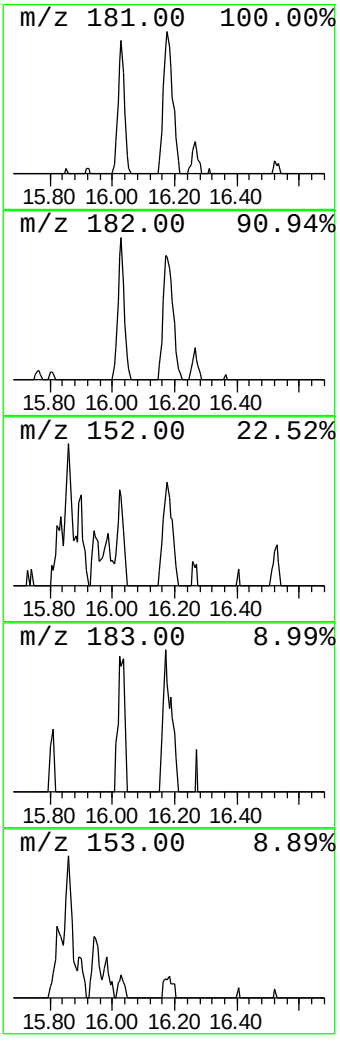
Peak Number 19 2,4,6-Cycloheptatrien-1-one... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	2.14 ng/ul	35749	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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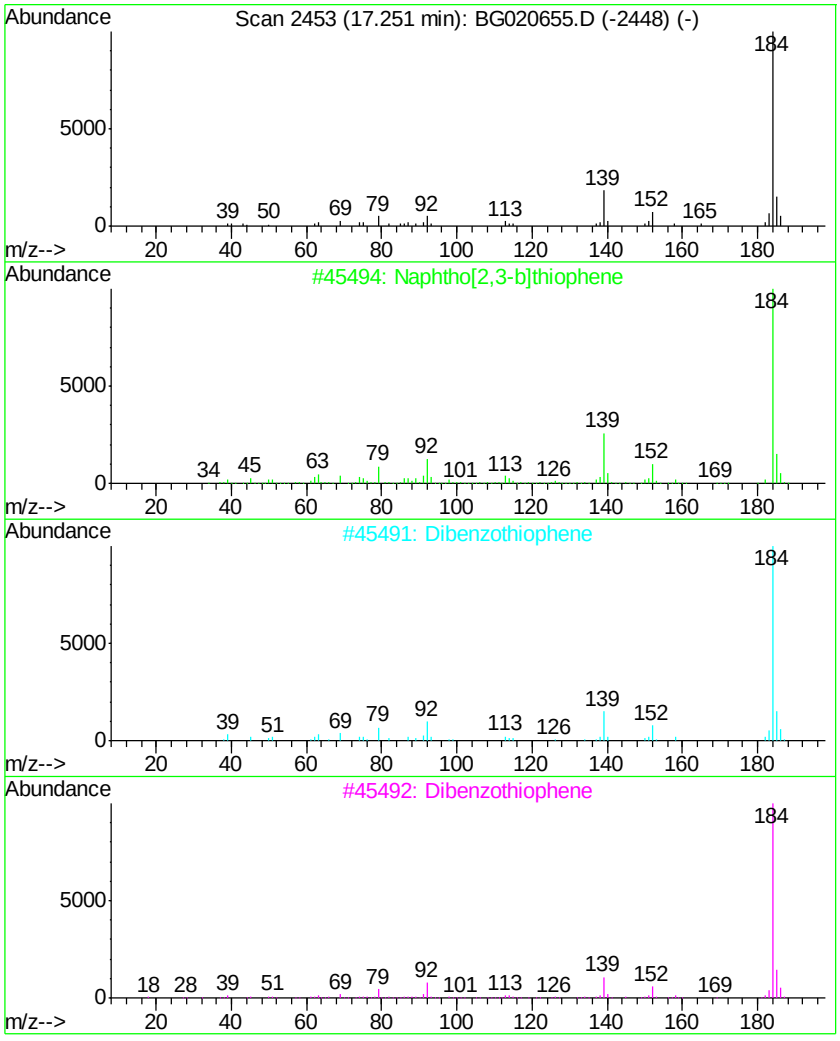
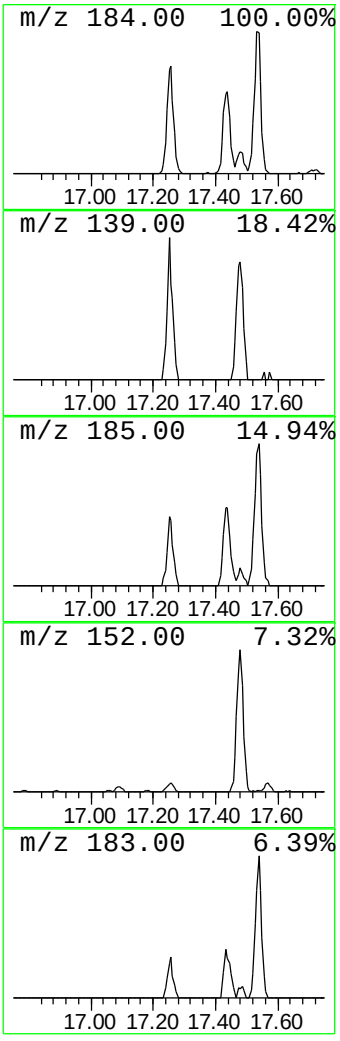
Peak Number 20 Naphtho[2,3-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	2.80 ng/ul	46852	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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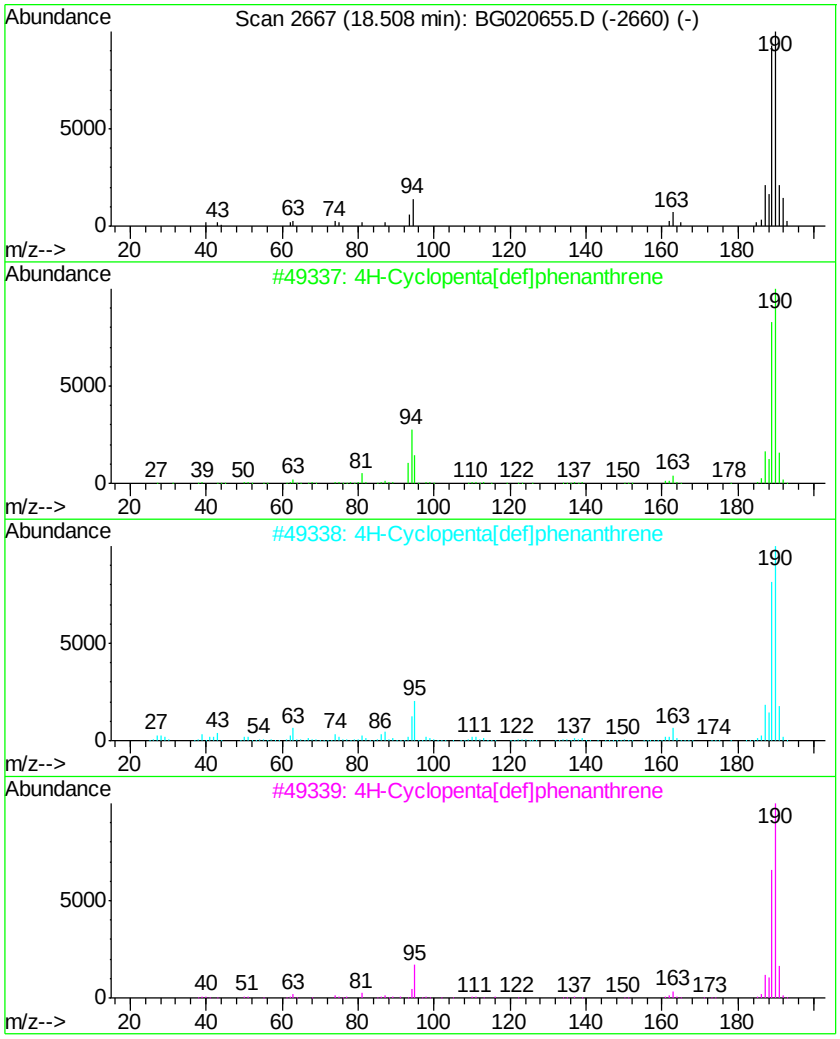
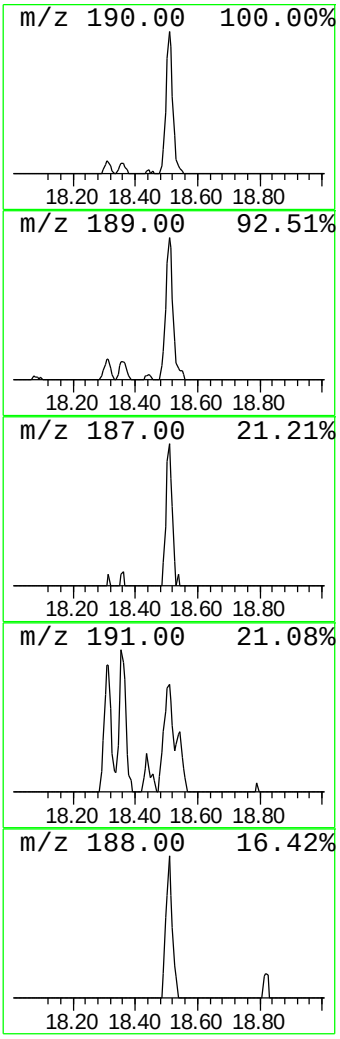
Peak Number 21 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	3.04 ng/ul	50793	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
Data File : BG020655.D
Acq On : 5 Jan 2016 14:21
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N58

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...	3.14	9.4	ng/ul	42505	1	8.05	90344	20.0
Benzene, 1,3-dime...	6.04	4.5	ng/ul	20239	1	8.05	90344	20.0
Benzene, 1-ethyl-...	7.13	2.0	ng/ul	9261	1	8.05	90344	20.0
Benzene, 1-ethyl-...	8.16	2.0	ng/ul	9077	1	8.05	90344	20.0
Indane	8.43	15.7	ng/ul	70940	1	8.05	90344	20.0
Indene	8.59	9.9	ng/ul	44585	1	8.05	90344	20.0
Benzene, 2-etheny...	10.26	4.7	ng/ul	32346	2	10.87	136532	20.0
2-Oxatricyclo[5.5...	10.36	2.8	ng/ul	19186	2	10.87	136532	20.0
2-Benzothiophene #	11.04	17.4	ng/ul	118810	2	10.87	136532	20.0
Naphthalene, 1-me...	12.74	45.8	ng/ul	312477	2	10.87	136532	20.0
Naphthalene, 1-et...	13.72	2.7	ng/ul	32402	3	14.69	238870	20.0
Naphthalene, 1,7-...	13.85	4.0	ng/ul	47864	3	14.69	238870	20.0
Naphthalene, 2,3-...	14.01	5.2	ng/ul	62461	3	14.69	238870	20.0
2,2-Diphenylethyl...	15.89	2.2	ng/ul	26088	3	14.69	238870	20.0
2,4,6-Cycloheptat...	16.18	2.1	ng/ul	35749	4	17.43	334349	20.0
Naphtho[2,3-b]thi...	17.25	2.8	ng/ul	46852	4	17.43	334349	20.0
4H-Cyclopenta[def...	18.51	3.0	ng/ul	50793	4	17.43	334349	20.0