LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

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-BG102815.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	3.126	44	49	57	rBV2	62178	118186	3.63%	0.323%
2	3.208	58	63	71	rVB	192499	279202	8.57%	0.764%
3	7.327	758	764	769	rVB2	27739	49009	1.50%	0.134%
4	7.491	786	792	799	rBV	117830	191387	5.87%	0.524%
5	7.703	822	828	837	rVB	115039	200465	6.15%	0.549%
6	8.179	903	909	916	rVB2	128986	210265	6.45%	0.575%
7	8.561	965	974	979	rBV	50428	88027	2.70%	0.241%
8	8.884	1022	1029	1037	rVB2	96419	168048	5.16%	0.460%
9	9.354	1102	1109	1120	rVB2	172926	389371	11.95%	1.065%
10	9.548	1135	1142	1148	rVB2	47776	84702	2.60%	0.232%
11	9.665	1156	1162	1169	rVV3	26171	54051	1.66%	0.148%
12	9.736	1169	1174	1180	rVV3	23298	39008	1.20%	0.107%
13	10.077	1223	1232	1240	rBV2	157625	276121	8.48%	0.756%
14	10.247	1255	1261	1266	rBV	22428	39645	1.22%	0.108%
15	10.400	1280	1287	1296	rBV5	37667	84125	2.58%	0.230%
16	10.623	1318	1325	1333	rVB	217232	379201	11.64%	1.038%
17	11.005	1383	1390	1395	rVV	178018	326476	10.02%	0.893%
18	11.058	1395	1399	1404	rVV2	76253	134434	4.13%	0.368%
19	11.181	1412	1420	1427	rVV	585673	1077475	33.07%	2.948%
20	11.246	1427	1431	1435	rVV3	21040	33667	1.03%	0.092%
21	11.416	1455	1460	1467	rVV4	20600	41834	1.28%	0.114%
22	11.910	1539	1544	1550	rVV3	21667	33533	1.03%	0.092%
23	12.110	1572	1578	1587	rVB	154765	268597	8.24%	0.735%
24	12.550	1647	1653	1660	rBV	70442	121298	3.72%	0.332%
25	12.867	1698	1707	1715	rVV2	196768	377804	11.60%	1.034%
26	13.649	1832	1840	1851	rVV	960921	1517331	46.57%	4.152%
27	13.866	1871	1877	1885	rVB2	56672	101653	3.12%	0.278%
28	13.984	1893	1897	1904	rVB7	26053	52108	1.60%	0.143%
29	14.131	1914	1922	1928	rBV	194461	357290	10.97%	0.978%
30	14.201	1928	1934	1940	rVB	492354	727428	22.33%	1.990%
31	14.366	1956	1962	1965	rBV2	112948	185044	5.68%	0.506%
32	14.507	1978	1986	1996	rVB	449892	920907	28.27%	2.520%
33	14.771	2025	2031	2033	rBV4	55714	81443	2.50%	0.223%
34	14.812	2033	2038	2043	rVV3	314794	518389	15.91%	1.418%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

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-BG102815.M
Title : SVOA CALIBRATION

35	14.877	2043	2049	2055	rVB	1747886	2720789	83.51%	7.445%
36	14.936	2055	2059	2064	rVB2	30381	45860	1.41%	0.125%
37	14.994	2064	2069	2075	rBV2	49301	95488	2.93%	0.261%
38	15.118	2081	2090	2094	rBV3	88598	168715	5.18%	0.462%
39	15.206	2098	2105	2111	rVB	2156201	3258044	100.00%	8.915%
40	15.412	2132	2140	2146	rBV3	59988	120090	3.69%	0.329%
41	15.511	2146	2157	2162	rVV5	58549	143293	4.40%	0.392%
42	15.582	2162	2169	2173	rVV6	31415	73458	2.25%	0.201%
43	15.623	2173	2176	2181	rVV4	30008	47944	1.47%	0.131%
44	15.758	2194	2199	2200	rVV2	52345	75940	2.33%	0.208%
45	15.793	2200	2205	2210	rVV	648545	1004496	30.83%	2.749%
46	15.852	2210	2215	2220	rVV2	369947	614708	18.87%	1.682%
47	15.905	2220	2224	2228	rVV2	272788	400265	12.29%	1.095%
48	15.970	2232	2235	2239	rVV2	73170	137907	4.23%	0.377%
49	16.011	2239	2242	2247	rVV2	80032	143531	4.41%	0.393%
50	16.058	2247	2250	2253	rVV5	48099	74844	2.30%	0.205%
51	16.099	2253	2257	2260	rVV2	84090	133604	4.10%	0.366%
52	16.140	2260	2264	2273	rVV	267606	400467	12.29%	1.096%
53	16.246	2273	2282	2284	rVV4	37413	80051	2.46%	0.219%
54	16.287	2284	2289	2297	rVV2	271993	580447	17.82%	1.588%
55	16.381	2297	2305	2311	rVB	51447	96852	2.97%	0.265%
56	16.528	2318	2330	2336	rVB	480738	777390	23.86%	2.127%
57	16.804	2372	2377	2384	rBV6	48888	145732	4.47%	0.399%
58	16.898	2389	2393	2398	rBV6	17283	32170	0.99%	0.088%
59	16.998	2405	2410	2414	rBV5	37864	54793	1.68%	0.150%
60	17.039	2414	2417	2421	rVV4	23335	33153	1.02%	0.091%
61	17.198	2440	2444	2449	rVB	79649	131482	4.04%	0.360%
62	17.274	2451	2457	2458	rBV2	25574	32540	1.00%	0.089%
63	17.368	2468	2473	2477	rVB	217296	333318	10.23%	0.912%
64	17.415	2477	2481	2487	rVB3	42960	72729	2.23%	0.199%
65	17.491	2490	2494	2499	rBV4	40901	74505	2.29%	0.204%
66	17.550	2499	2504	2507	rBV	443195	695214	21.34%	1.902%
67	17.591	2507	2511	2516	rVB	856124	1246161	38.25%	3.410%
68	17.650	2516	2521	2525	rBV	724810	1086920	33.36%	2.974%
69	17.744	2532	2537	2545	rVB2	44330	75574	2.32%	0.207%
70	17.956	2566	2573	2578	rVV	1608880	2411787	74.03%	6.599%
71	18.003	2578	2581	2584	rVV3	38647	53803	1.65%	0.147%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

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-BG102815.M
Title : SVOA CALIBRATION

72	18.050	2584	2589	2593	rVV4	57745	96610	2.97%	0.264%
73	18.103	2594	2598	2604	rVB	38290	69198	2.12%	0.189%
74	18.343	2634	2639	2642	rBV4	41986	70137	2.15%	0.192%
75	18.420	2648	2652	2655	rBV2	75003	102702	3.15%	0.281%
76	18.461	2655	2659	2665	rVB2	191478	284015	8.72%	0.777%
77	18.620	2678	2686	2689	rBV3	114280	213618	6.56%	0.585%
78	18.714	2695	2702	2705	rBV3	53648	101277	3.11%	0.277%
79	18.761	2705	2710	2713	rVV	95908	130788	4.01%	0.358%
80	18.849	2721	2725	2731	rVB2	123331	173232	5.32%	0.474%
81	18.907	2731	2735	2739	rVV3	43213	64519	1.98%	0.177%
82	18.949	2739	2742	2746	rVB2	38742	51137	1.57%	0.140%
83	19.001	2746	2751	2755	rVB6	22358	32728	1.00%	0.090%
84	19.236	2787	2791	2795	rVB3	32871	52450	1.61%	0.144%
85	19.413	2816	2821	2826	rBV6	32818	65158	2.00%	0.178%
86	19.466	2826	2830	2834	rVB2	66842	94664	2.91%	0.259%
87	19.589	2844	2851	2857	rVB	313983	459257	14.10%	1.257%
88	19.671	2857	2865	2871	rBV2	85329	159448	4.89%	0.436%
89	19.924	2901	2908	2912	rBV	1000729	1556392	47.77%	4.259%
90	20.323	2969	2976	2981	rBV	348931	578146	17.75%	1.582%
91	20.388	2981	2987	2992	rVB	515894	792403	24.32%	2.168%
92	20.664	3031	3034	3042	rVB3	44269	58922	1.81%	0.161%
93	20.899	3071	3074	3079	rBV	25012	36027	1.11%	0.099%
94	20.993	3085	3090	3093	rBV	105522	180594	5.54%	0.494%
95	21.040	3094	3098	3105	rVB2	158293	288356	8.85%	0.789%
96	21.675	3202	3206	3211	rBV4	19954	35862	1.10%	0.098%
97	21.828	3225	3232	3238	rVB	600474	1016111	31.19%	2.780%
98	22.468	3335	3341	3348	rBV2	108023	203219	6.24%	0.556%
99	24.942	3752	3762	3775	rVB	522812	1471389	45.16%	4.026%
100	25.171	3792	3801	3814	rVB2	310182	906791	27.83%	2.481%

Sum of corrected areas: 36546738

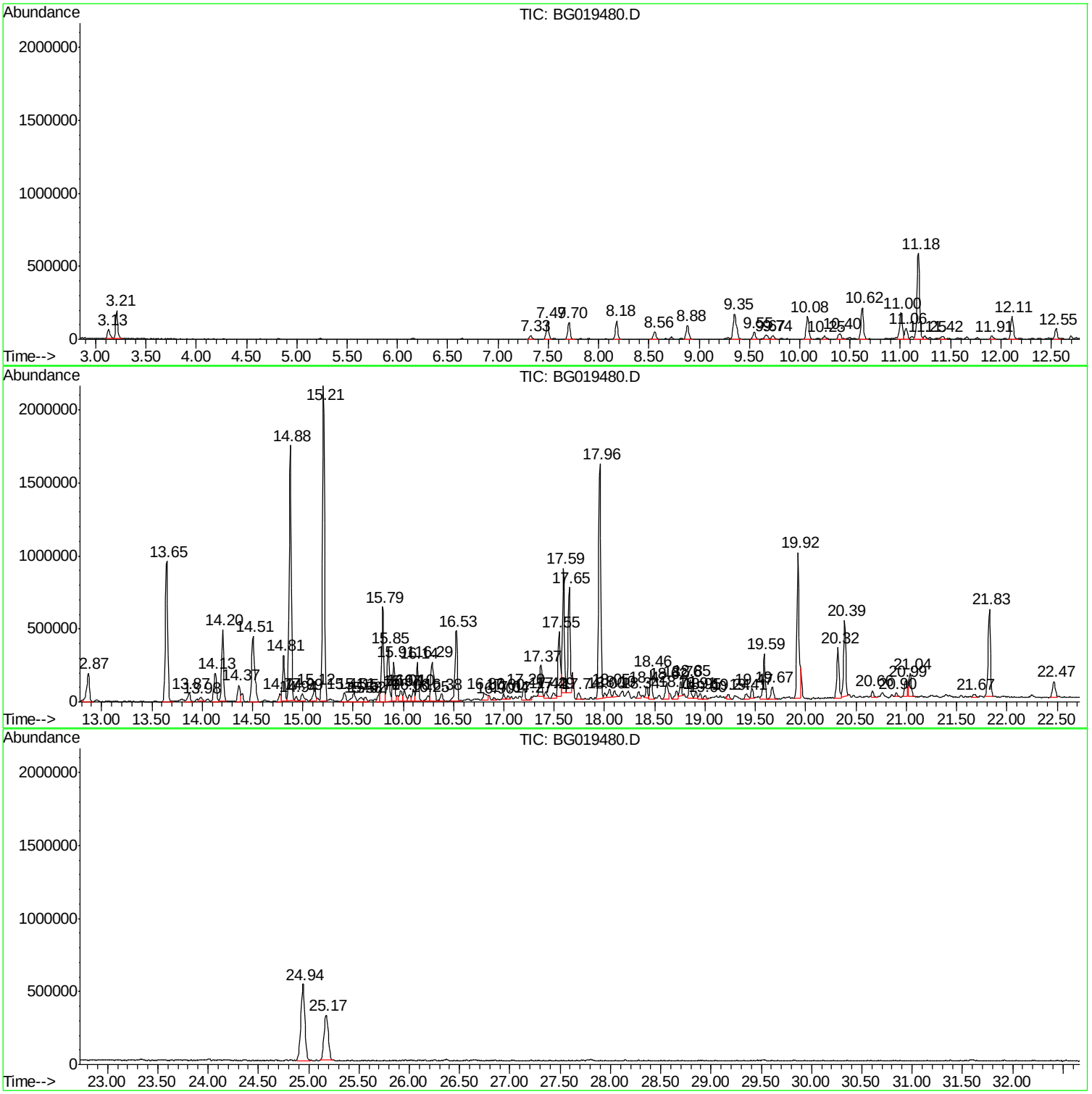
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

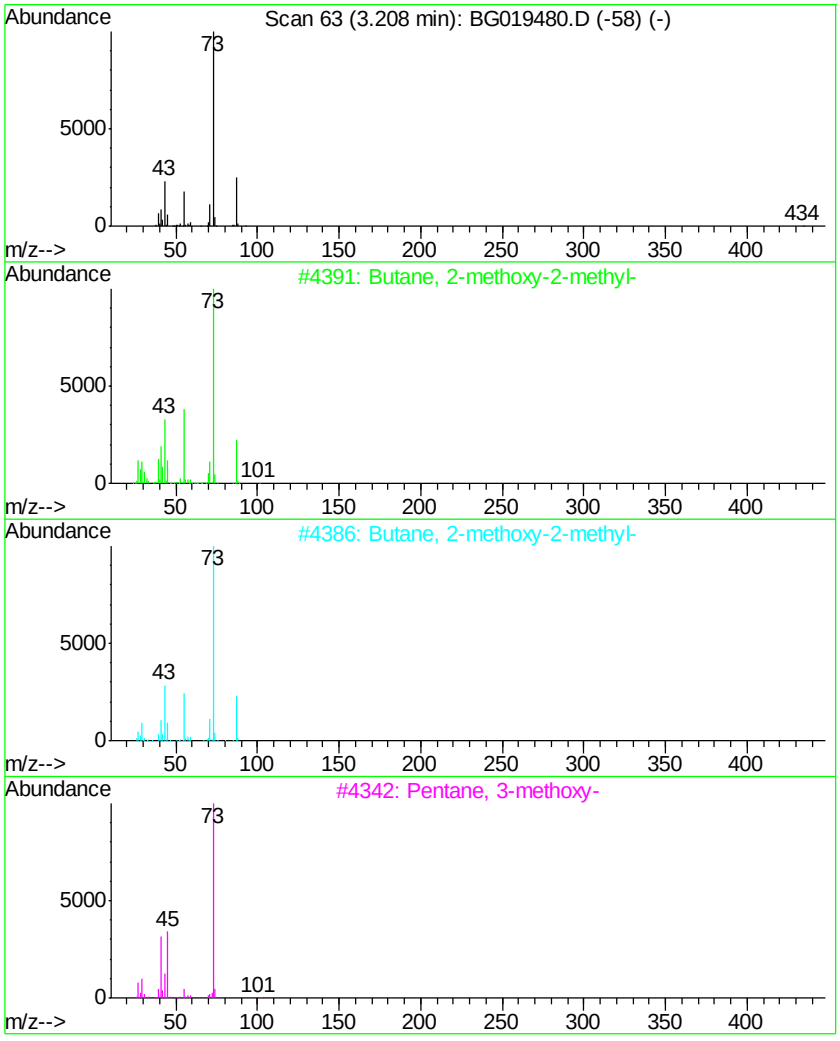
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

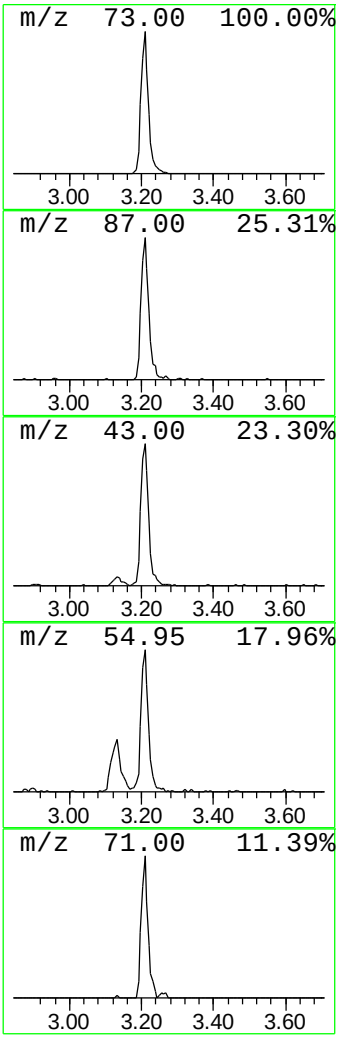
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	26.56 ng/ul	279202	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

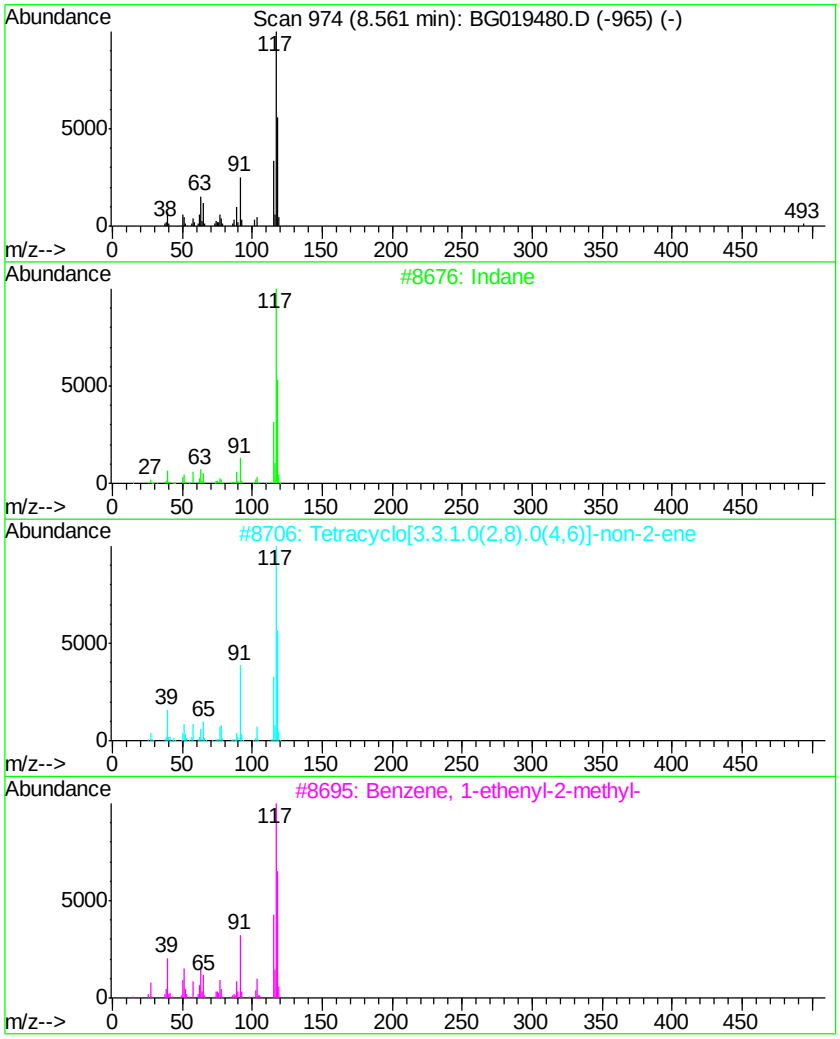
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

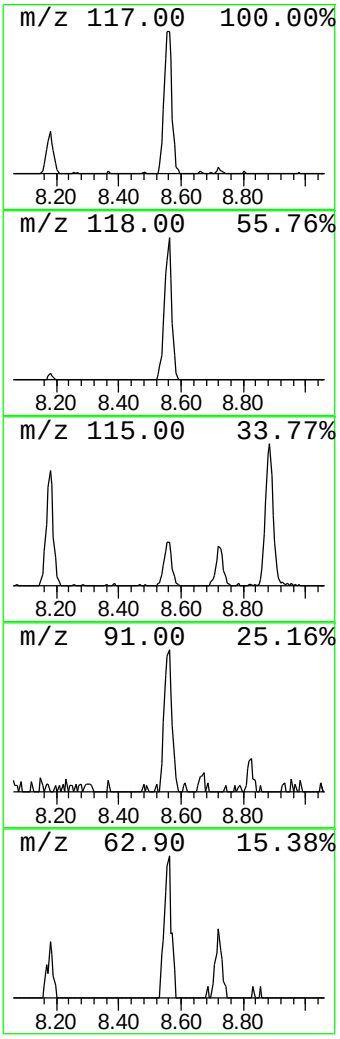
****

Peak Number 3 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	8.37 ng/ul	88027	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

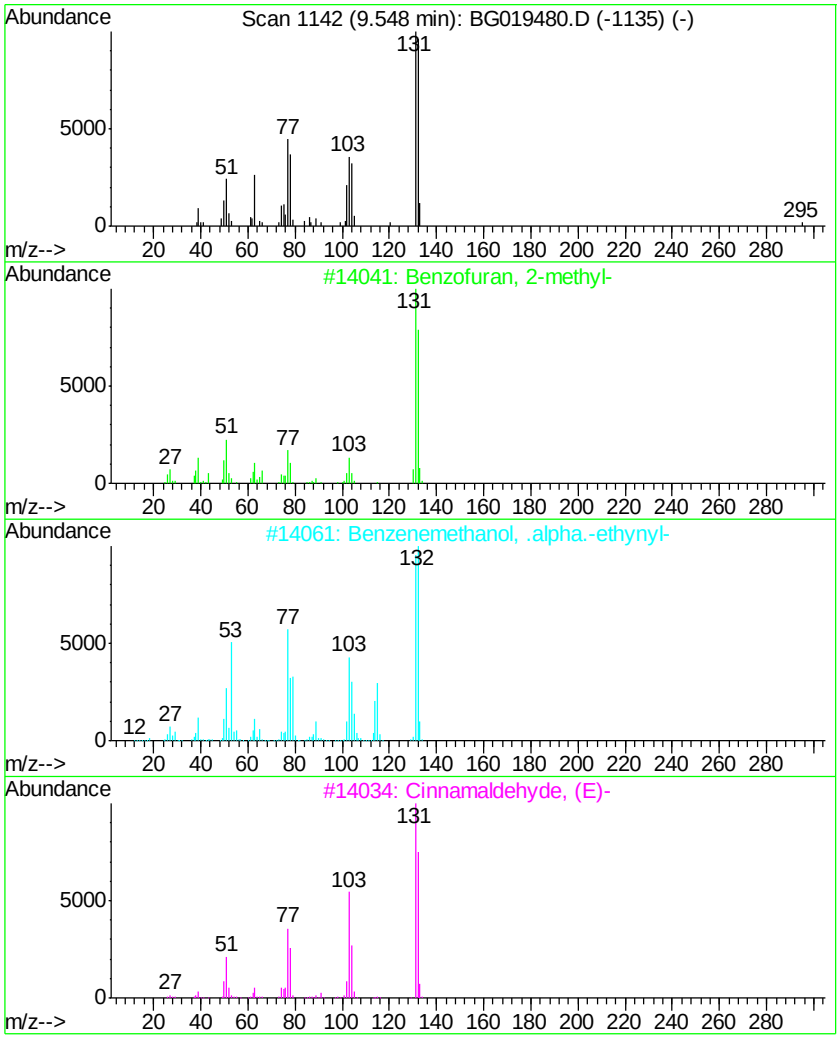
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

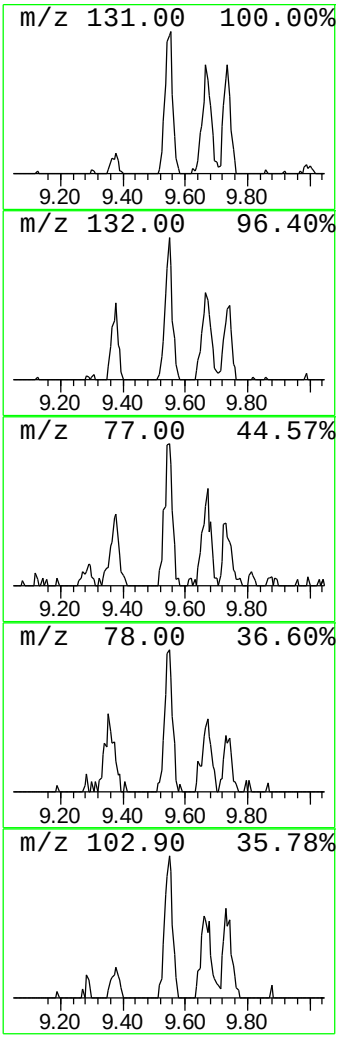
****

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	8.06 ng/ul	84702	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	90
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
4	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	72
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

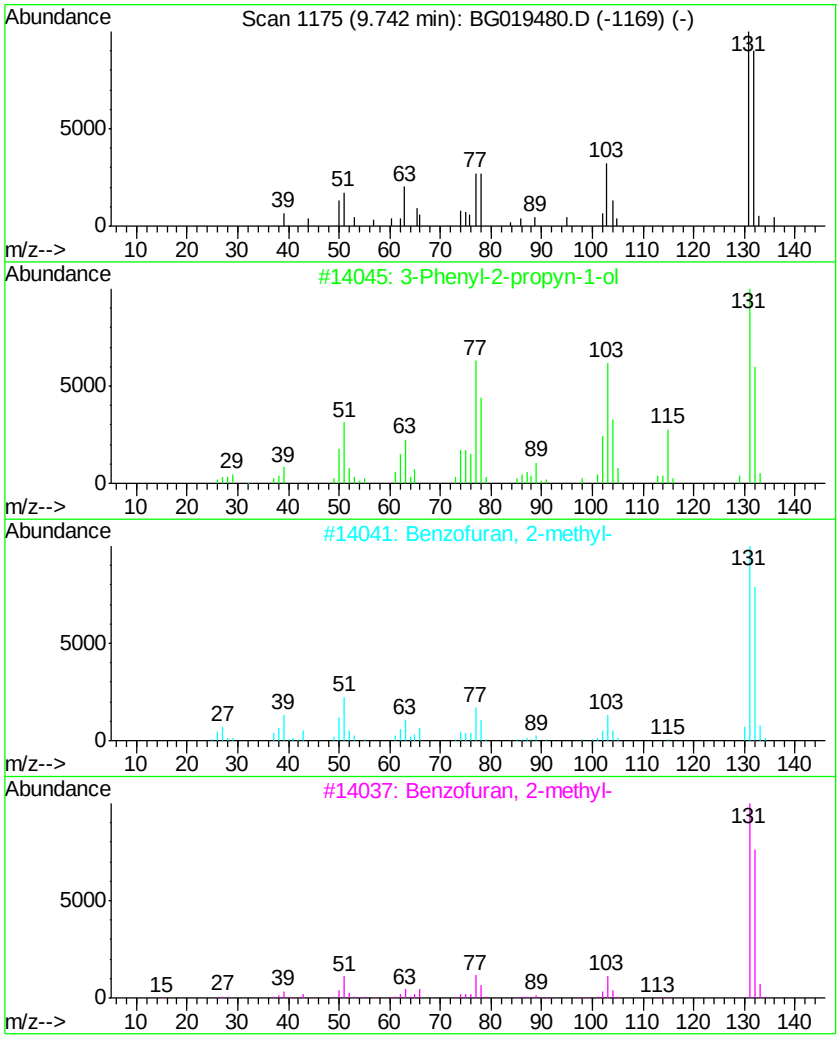
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

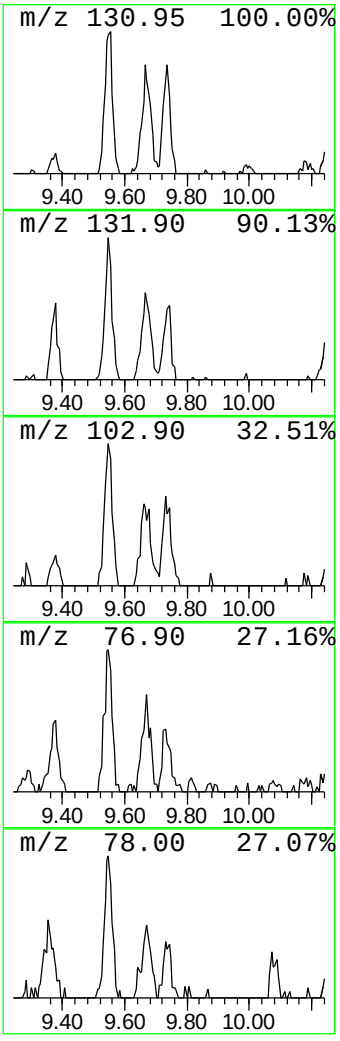
****

Peak Number 6 3-Phenyl-2-propyn-1-ol Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	2.39 ng/ul	39008	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	62
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

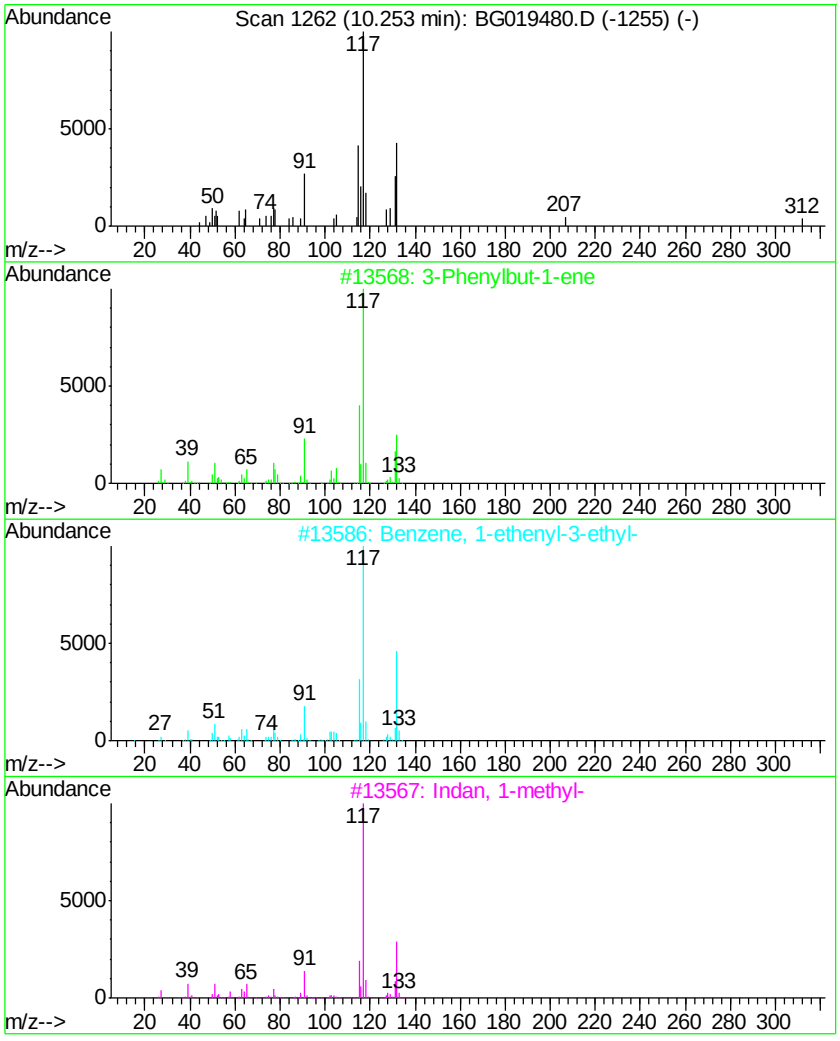
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

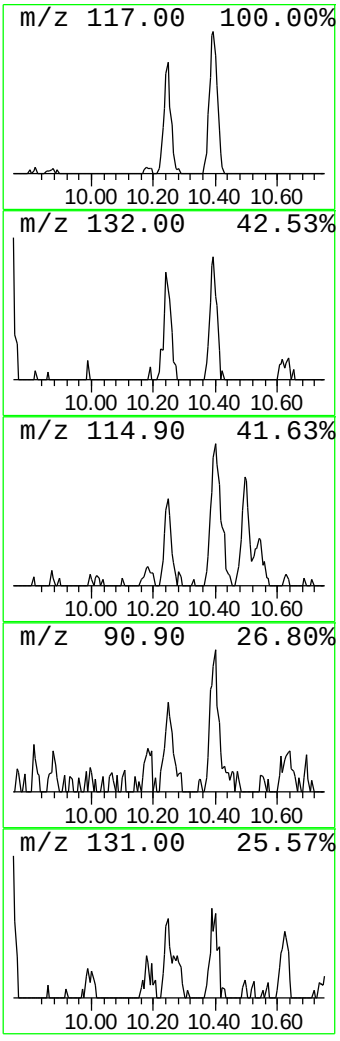
****

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.43 ng/ul	39645	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
3	Indan, 1-methyl-	132	C10H12	000767-58-8	72
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	64





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Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

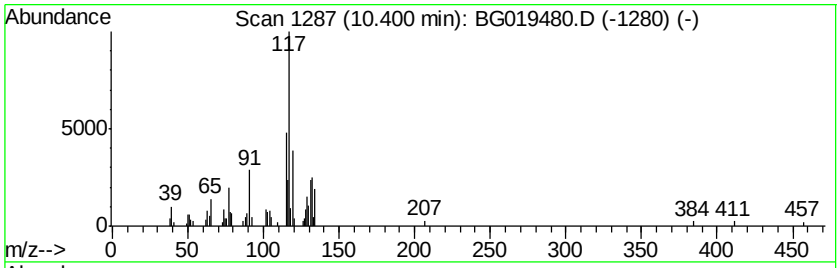
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

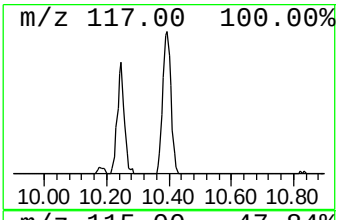
****

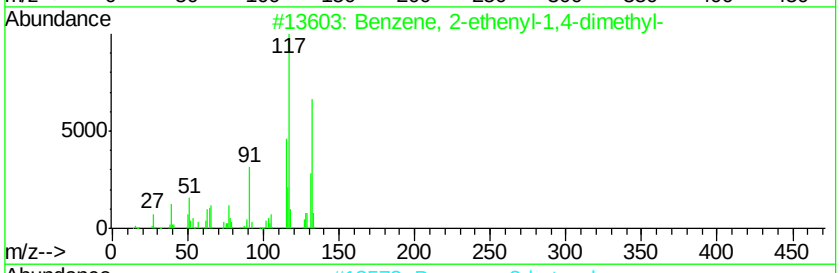
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 23

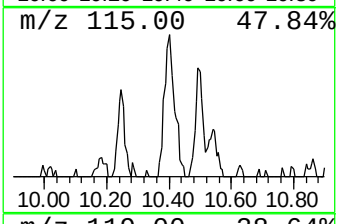
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	5.15 ng/ul	84125	Naphthalene-d8	11.01

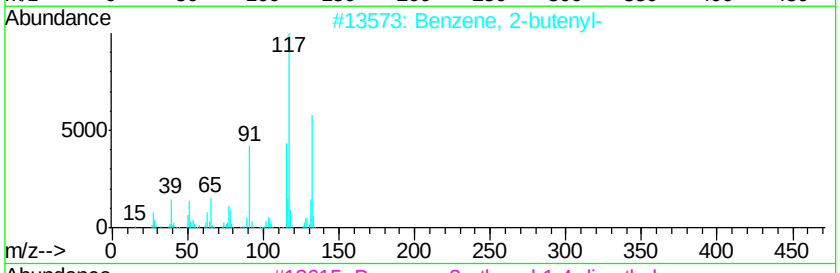
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	60
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	53
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	53

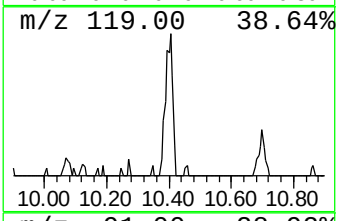


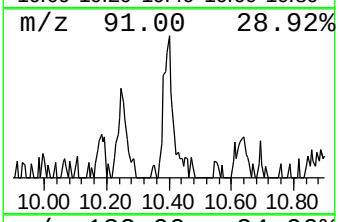


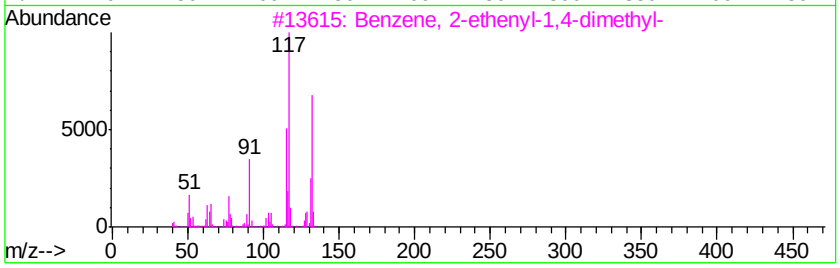


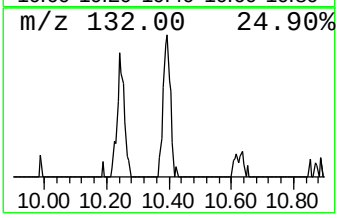












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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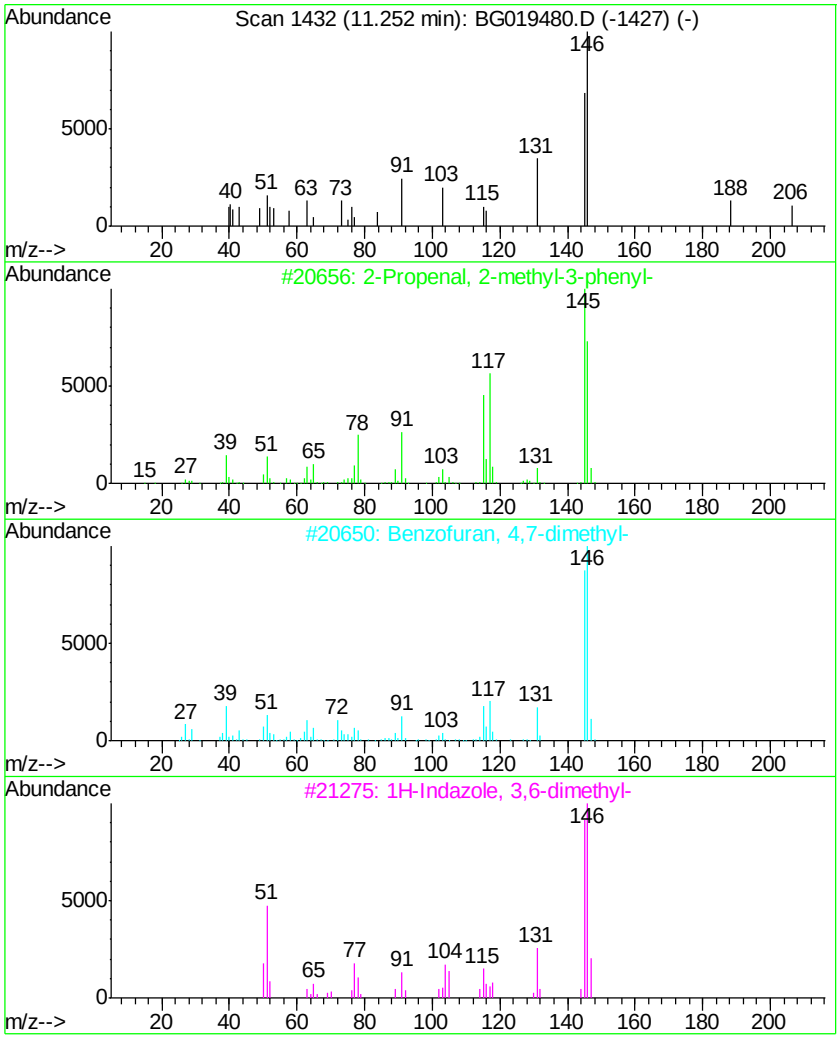
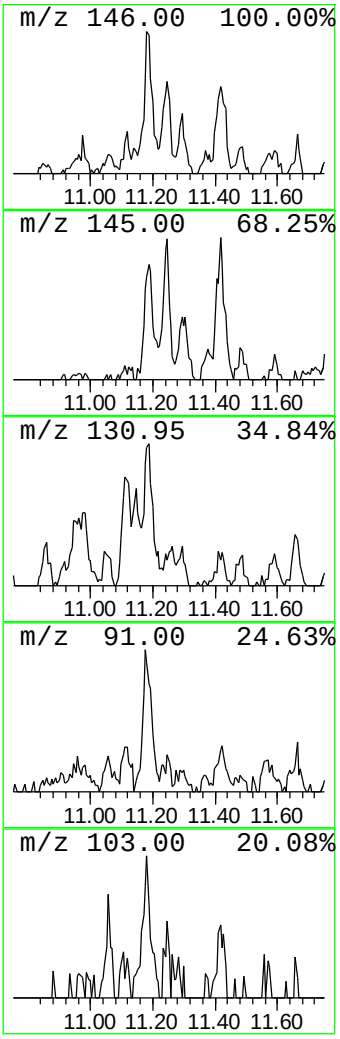
Peak Number 9 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.06 ng/ul	33667	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
2	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	47
3	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	45
4	Phenylacetic acid, 2-hydroxycarb...	208	C11H12O4	040484-15-9	38
5	Quinoline, 1-oxide	145	C9H7NO	001613-37-2	27





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Acq On : 4 Nov 2015 21:30
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

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Quant Title : SVOA CALIBRATION

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

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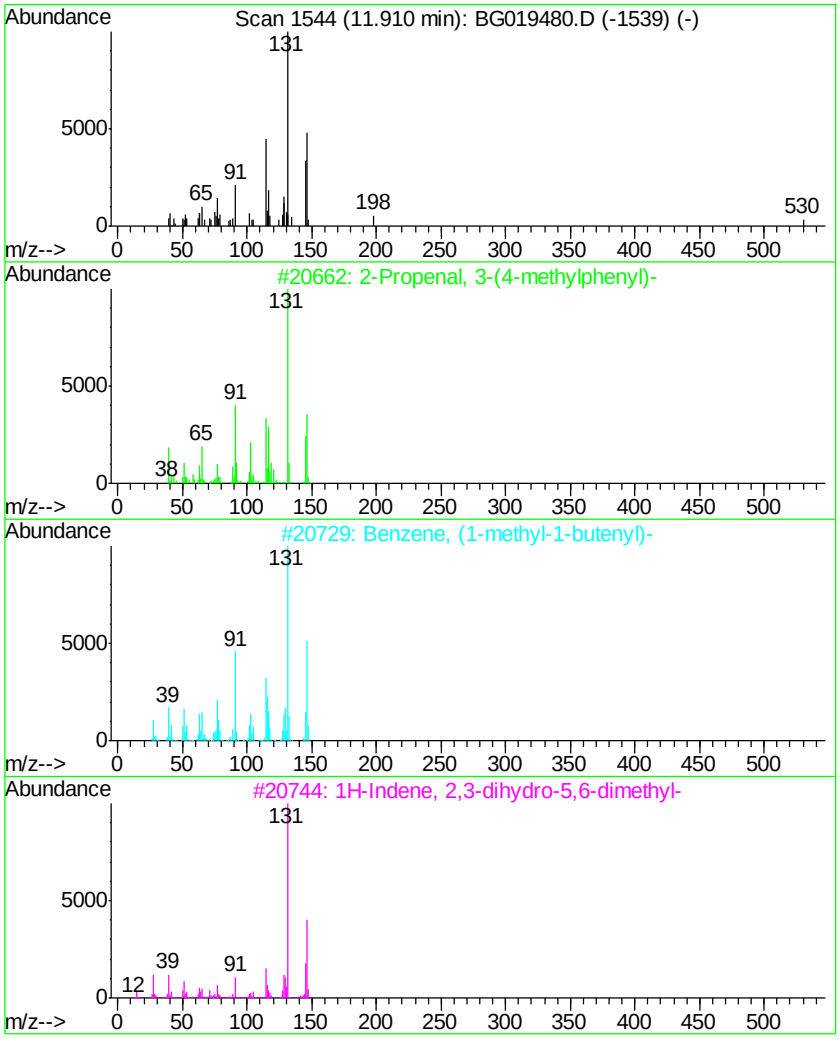
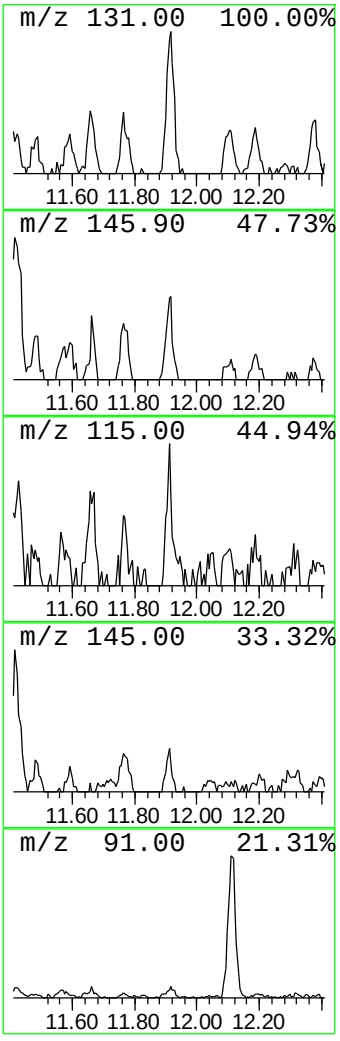
Peak Number 11 2-Propenal, 3-(4-methylphen... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.05 ng/ul	33533	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	64
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	59
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	59





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

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Quant Title : SVOA CALIBRATION

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

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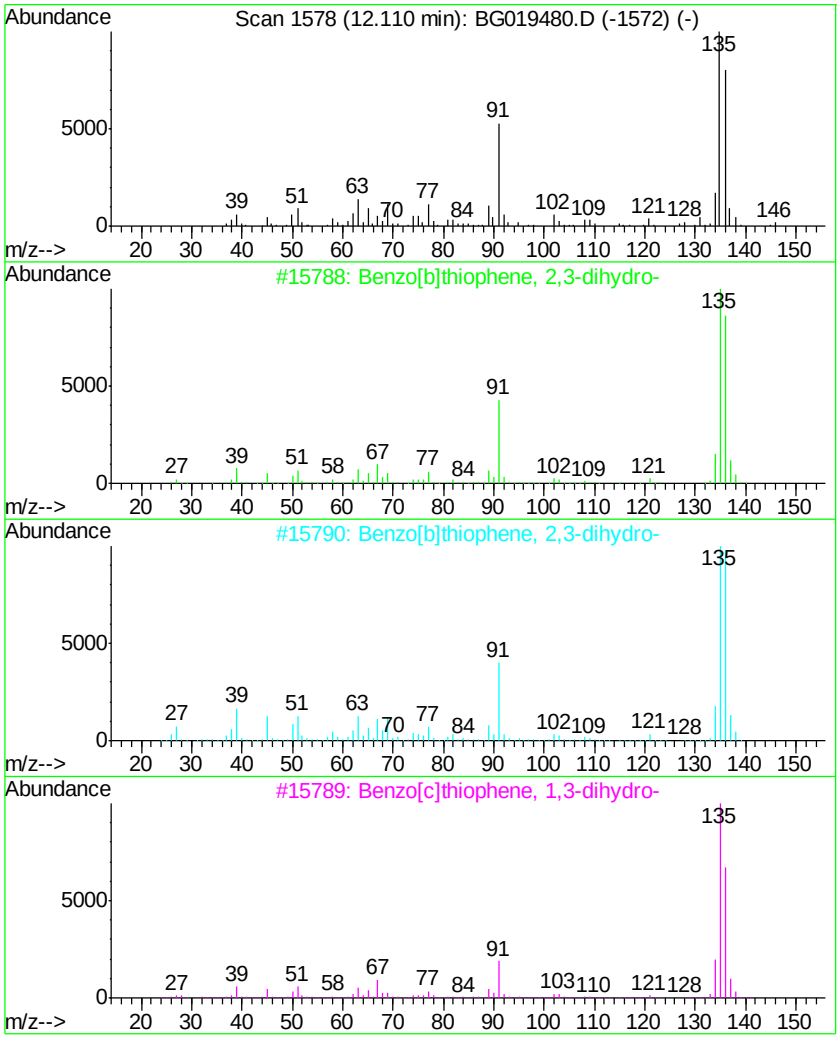
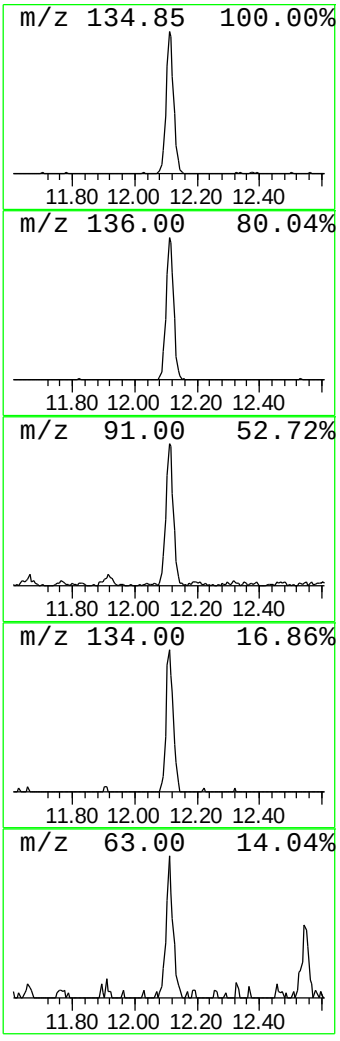
Peak Number 12 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	16.45 ng/ul	268597	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	95
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	94
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	86
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	83
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	80





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Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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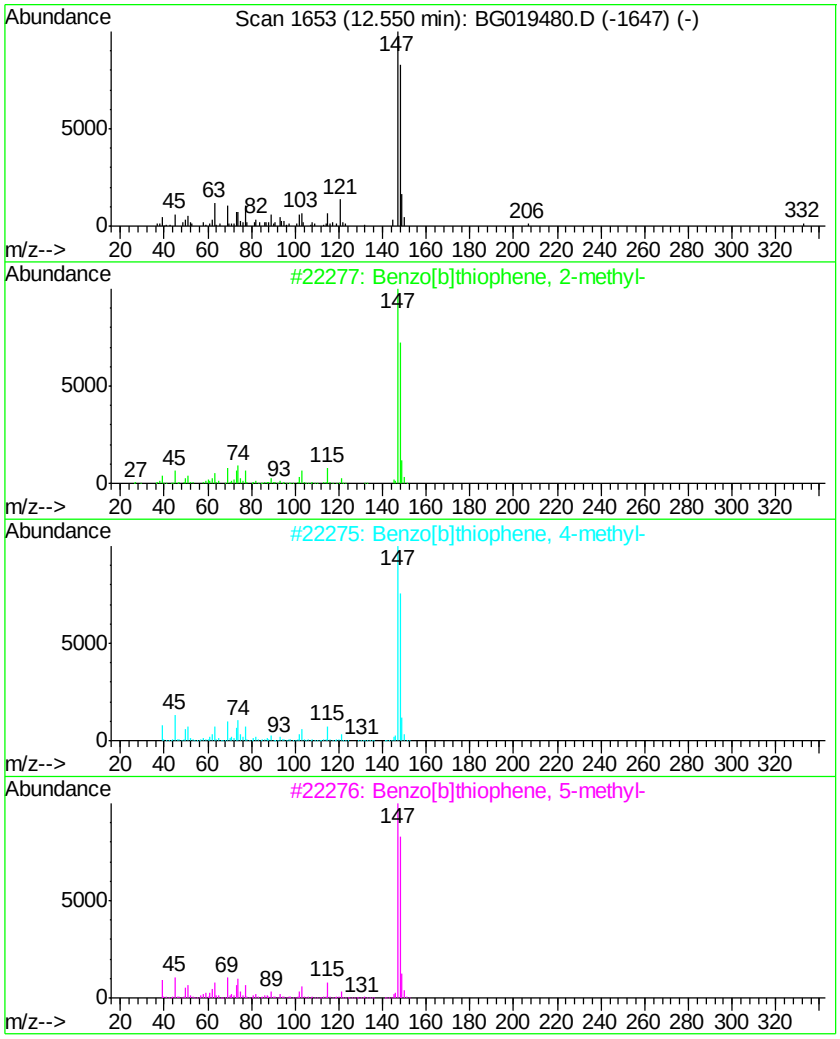
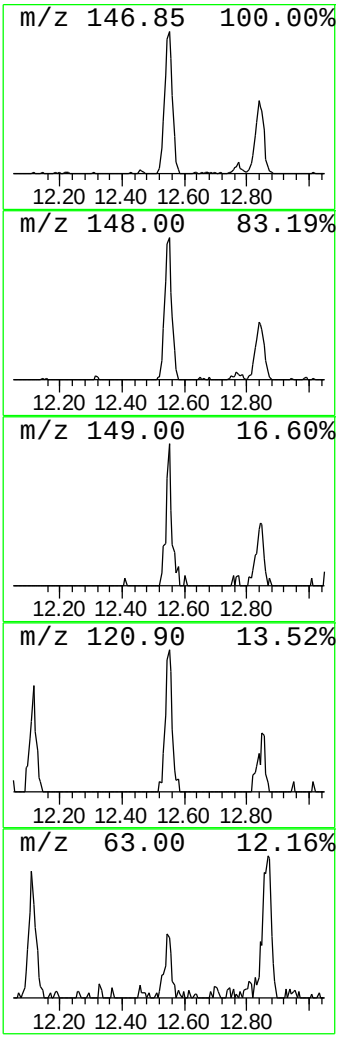
Peak Number 13 Benzo[b]thiophene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	7.43 ng/ul	121298	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86





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Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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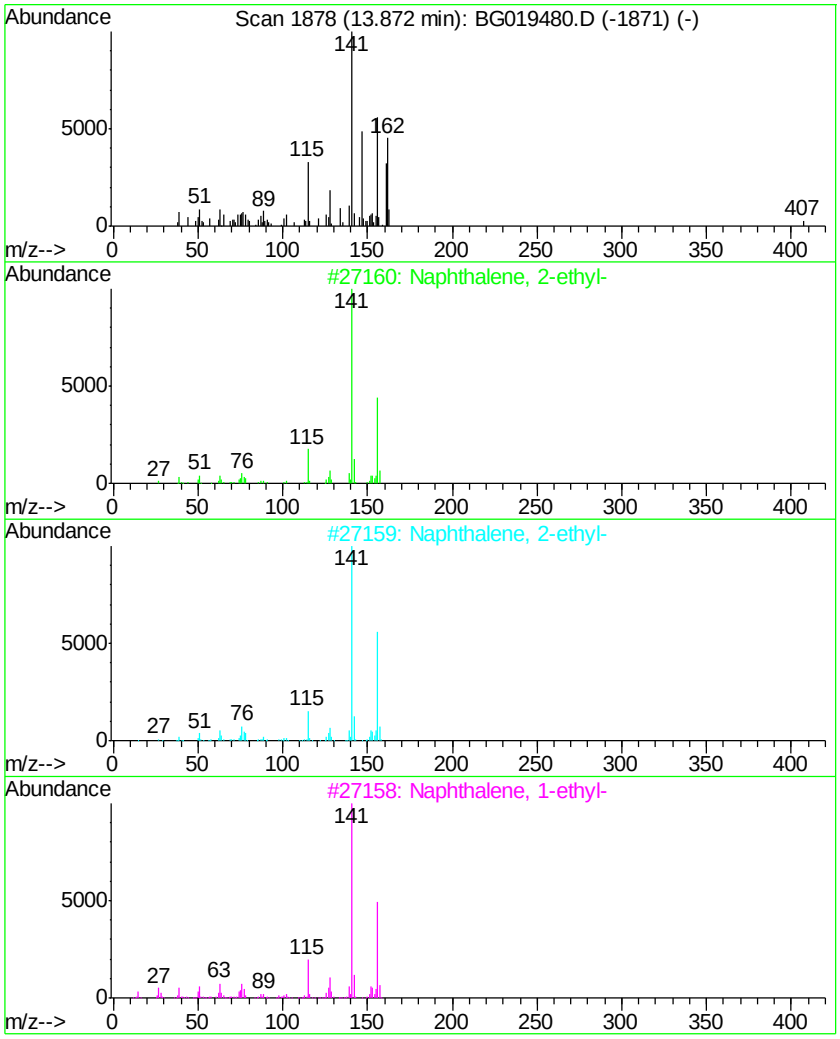
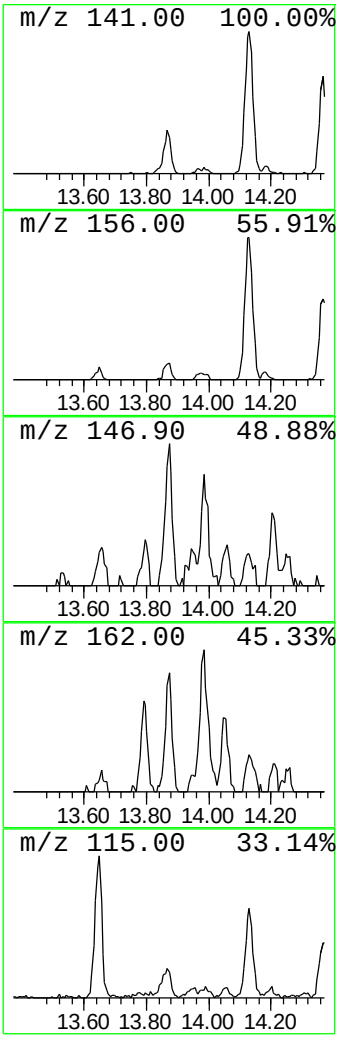
Peak Number 14 Naphthalene, 2-ethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.92 ng/ul	101653	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	58
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	52
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	52
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	52
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	50





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Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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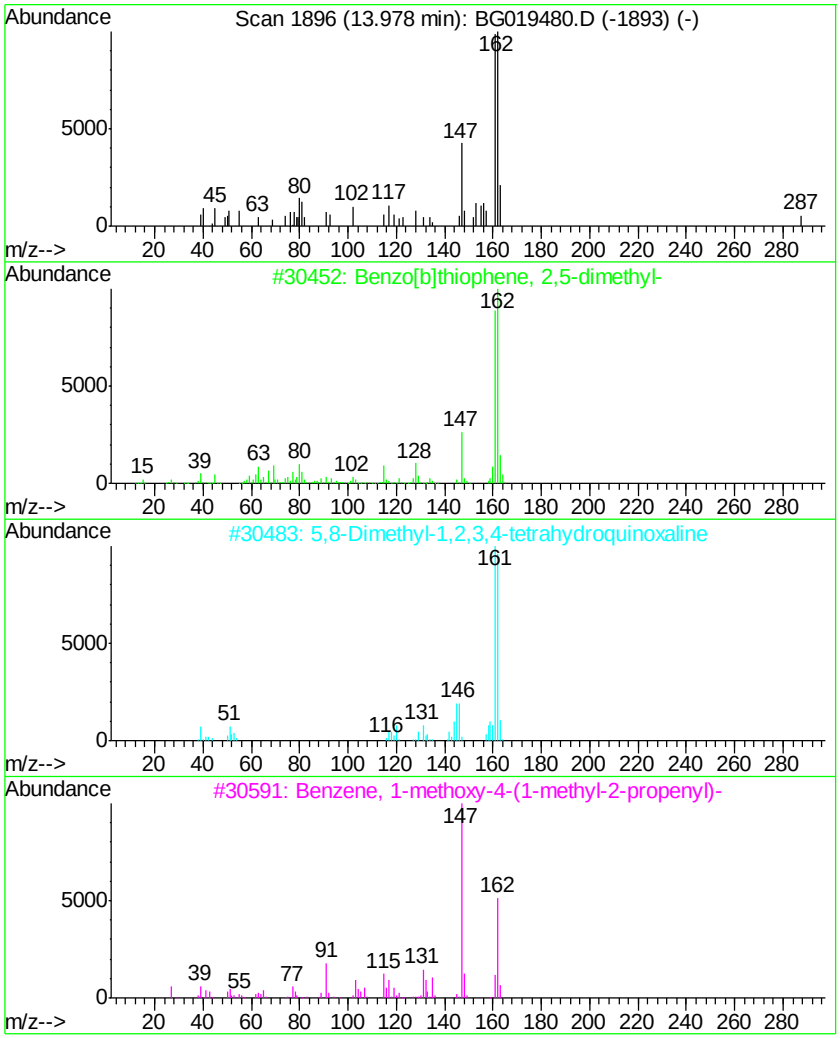
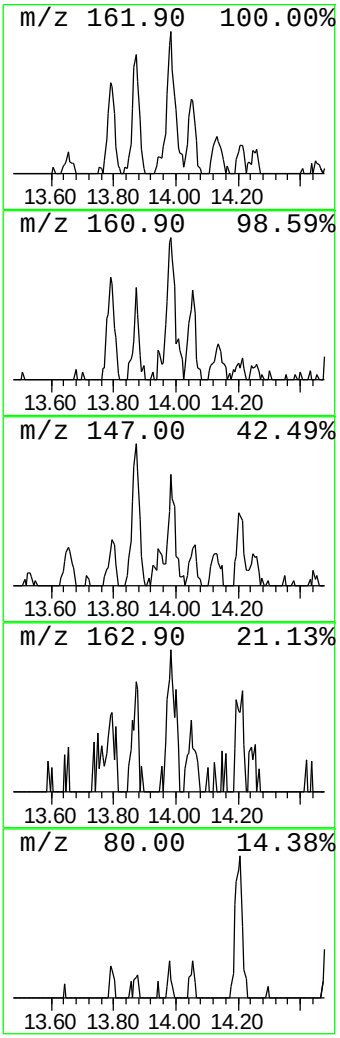
Peak Number 15 Benzo[b]thiophene, 2,5-dime... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.01 ng/ul	52108	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	52
2	5,8-Dimethyl-1,2,3,4-tetrahydroq...	162	C10H14N2	066102-39-4	47
3	Benzene, 1-methoxy-4-(1-methyl-2...	162	C11H14O	018272-83-8	43
4	Benzene, 1-methyl-4-[(methylthio...	162	C10H10S	017293-64-0	43
5	Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	42





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Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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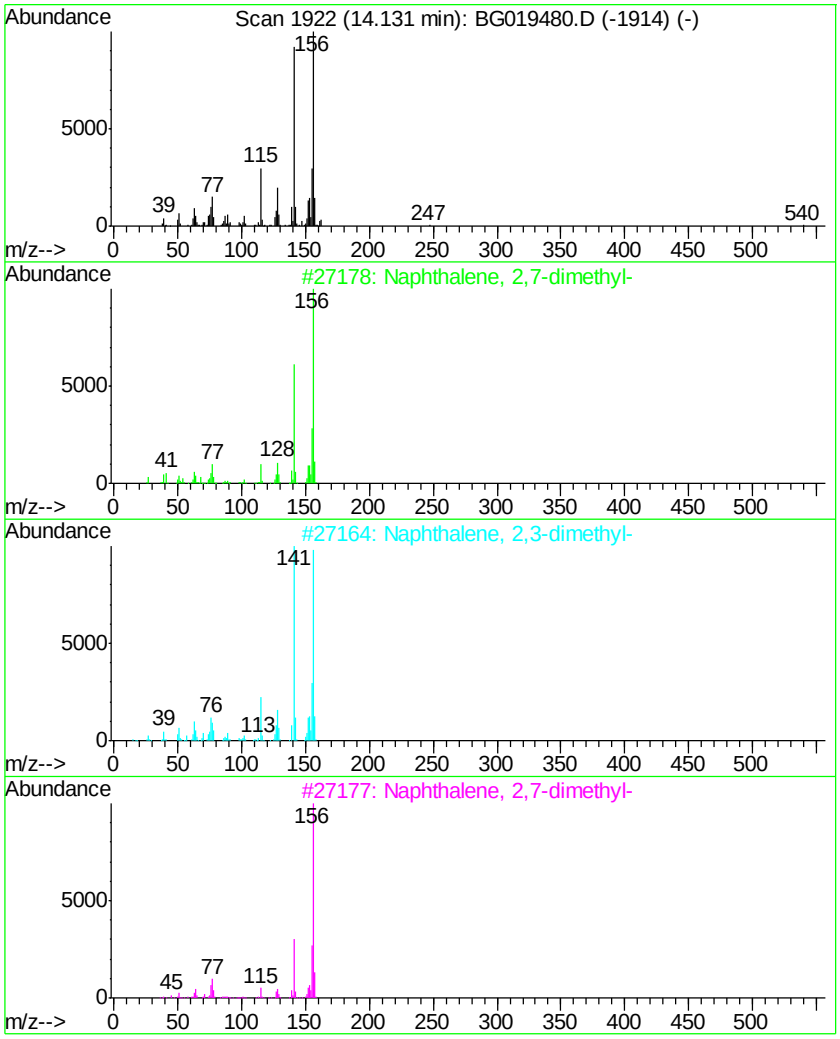
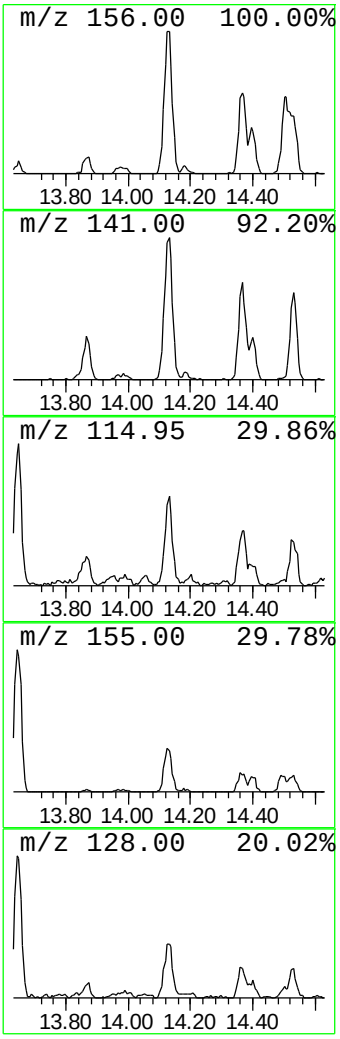
Peak Number 16 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	13.78 ng/ul	357290	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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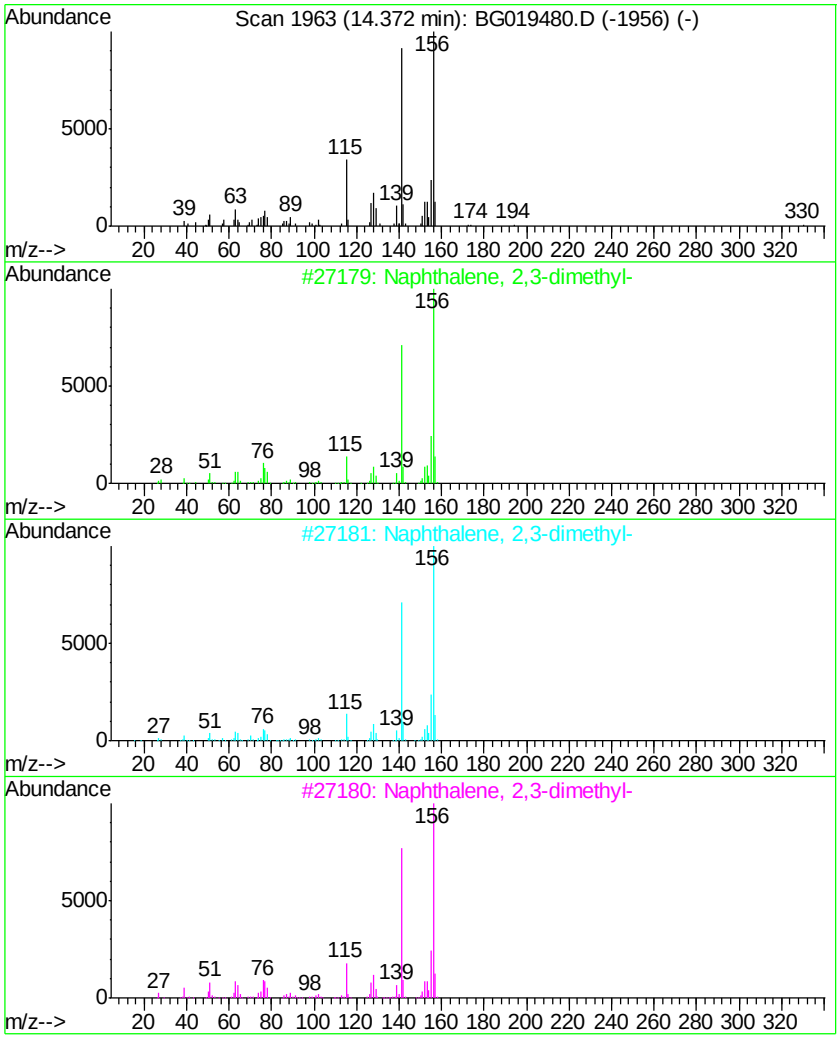
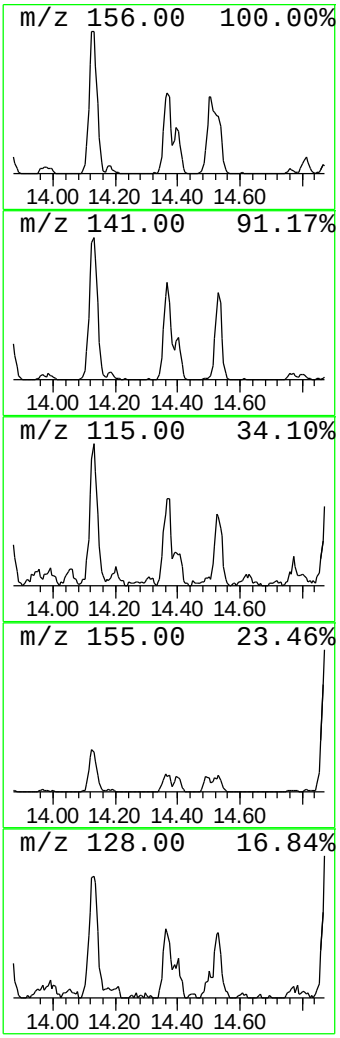
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	7.14 ng/ul	185044	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	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, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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ClientSampleId : BCY33

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Quant Title : SVOA CALIBRATION

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

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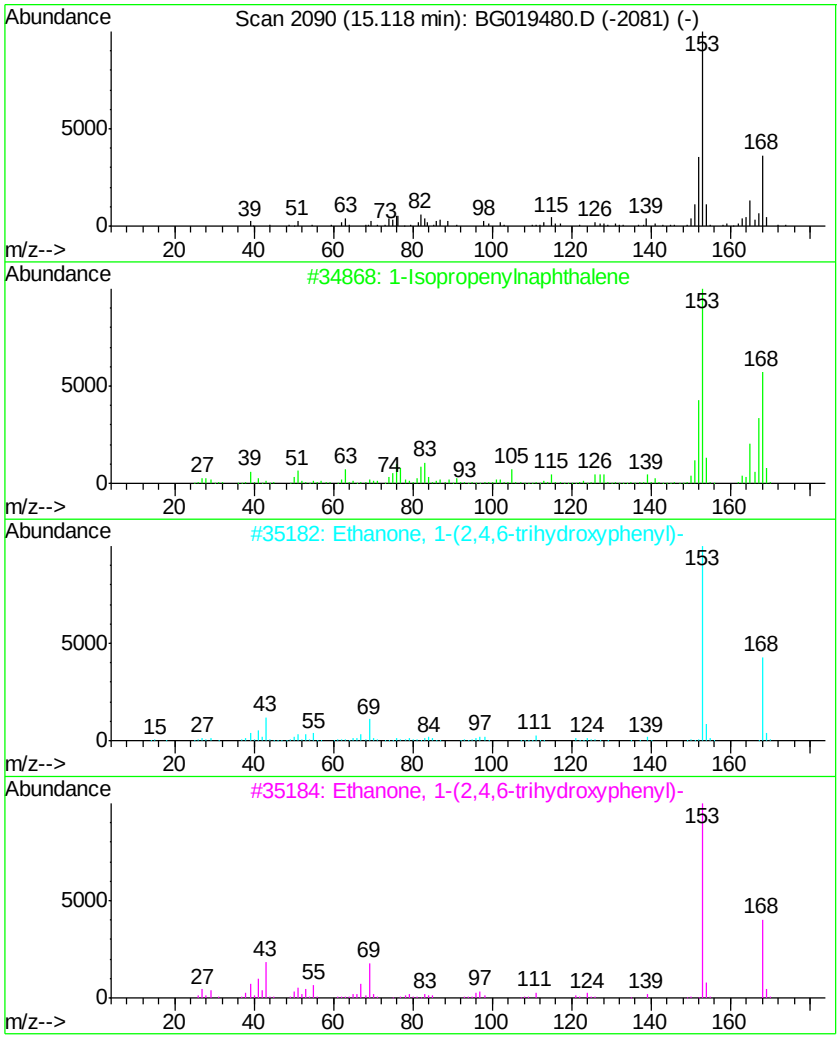
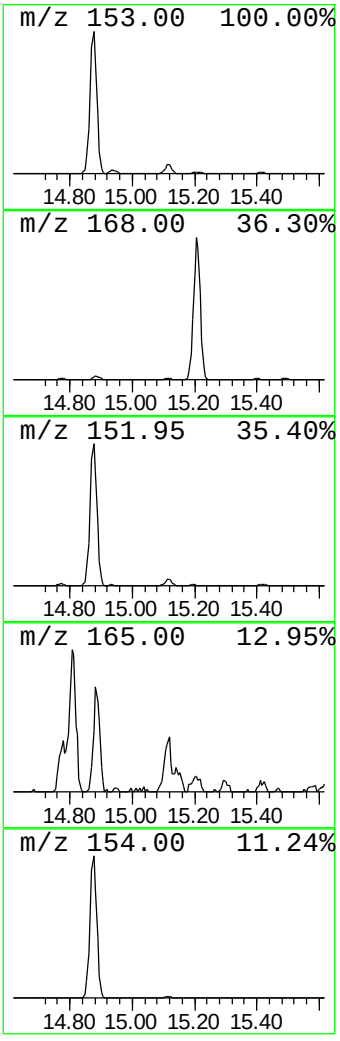
Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	6.51 ng/ul	168715	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	58
2	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50
4	2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	50
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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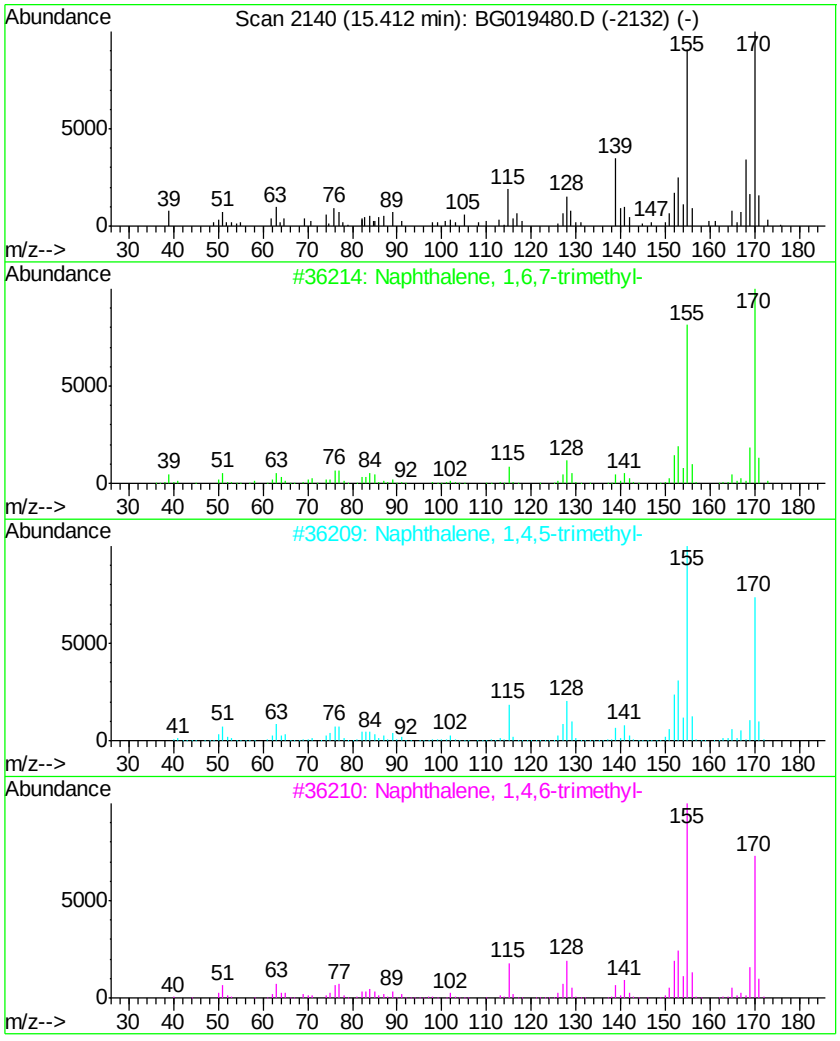
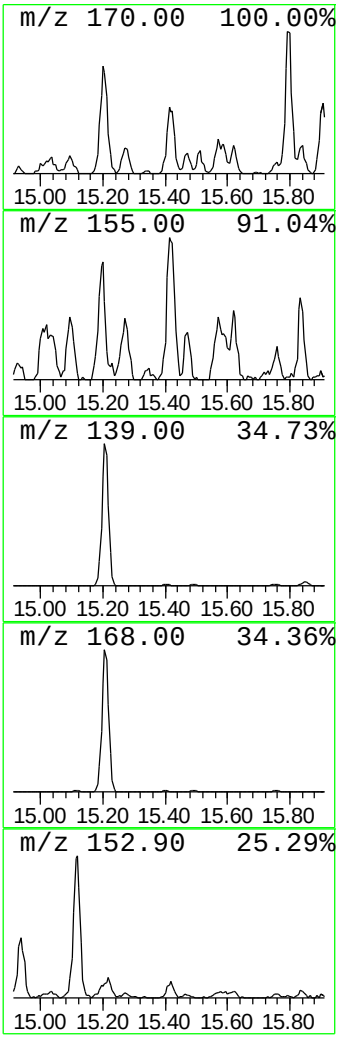
Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	4.63 ng/ul	120090	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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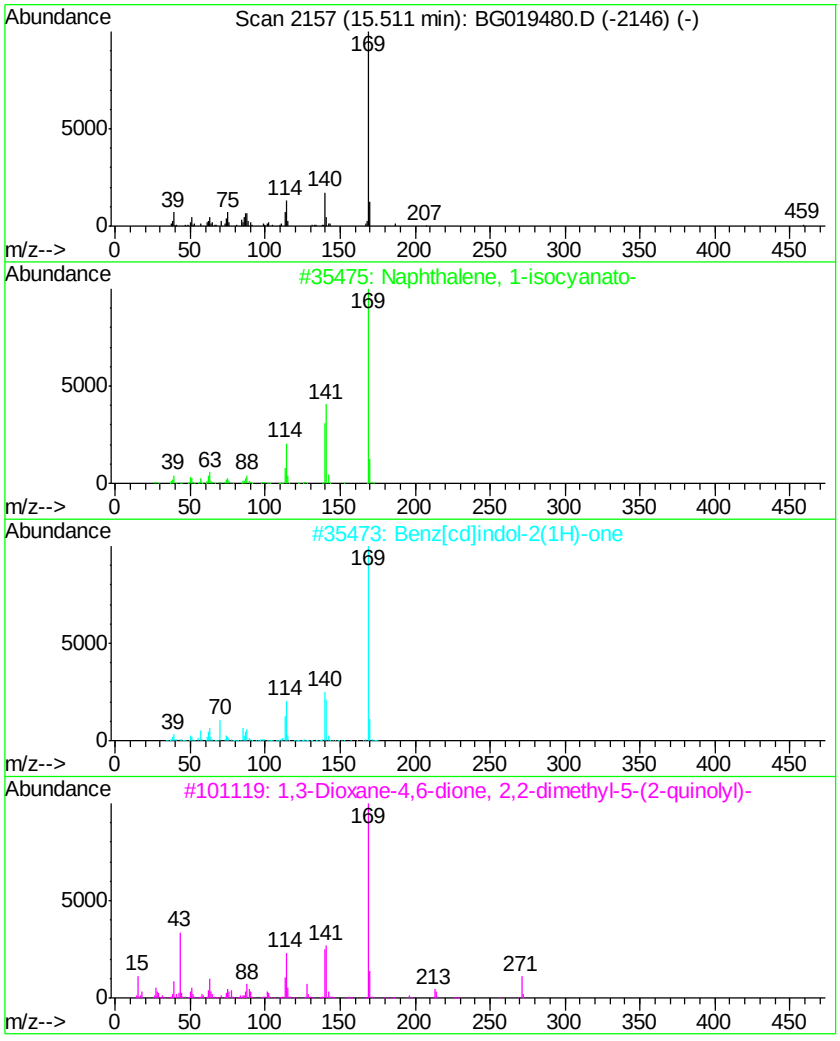
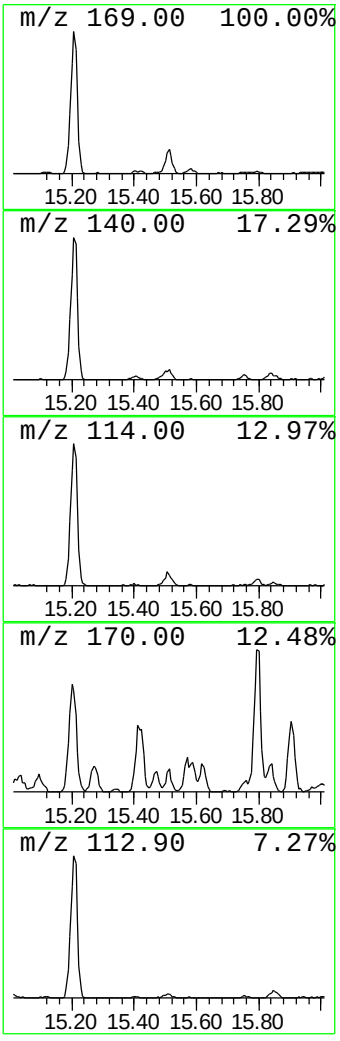
Peak Number 20 Naphthalene, 1-isocyanato- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	5.53 ng/ul	143293	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-isocyanato-	169	C11H7NO	000086-84-0	86
2	Benz[cd]indol-2(1H)-one	169	C11H7NO	000130-00-7	78
3	1,3-Dioxane-4,6-dione, 2,2-dimet...	271	C15H13NO4	083260-82-6	72
4	Benz[cd]indol-2(1H)-one	169	C11H7NO	000130-00-7	64
5	[1,2,4]Triazolo[4,3-a]quinoline	169	C10H7N3	000235-06-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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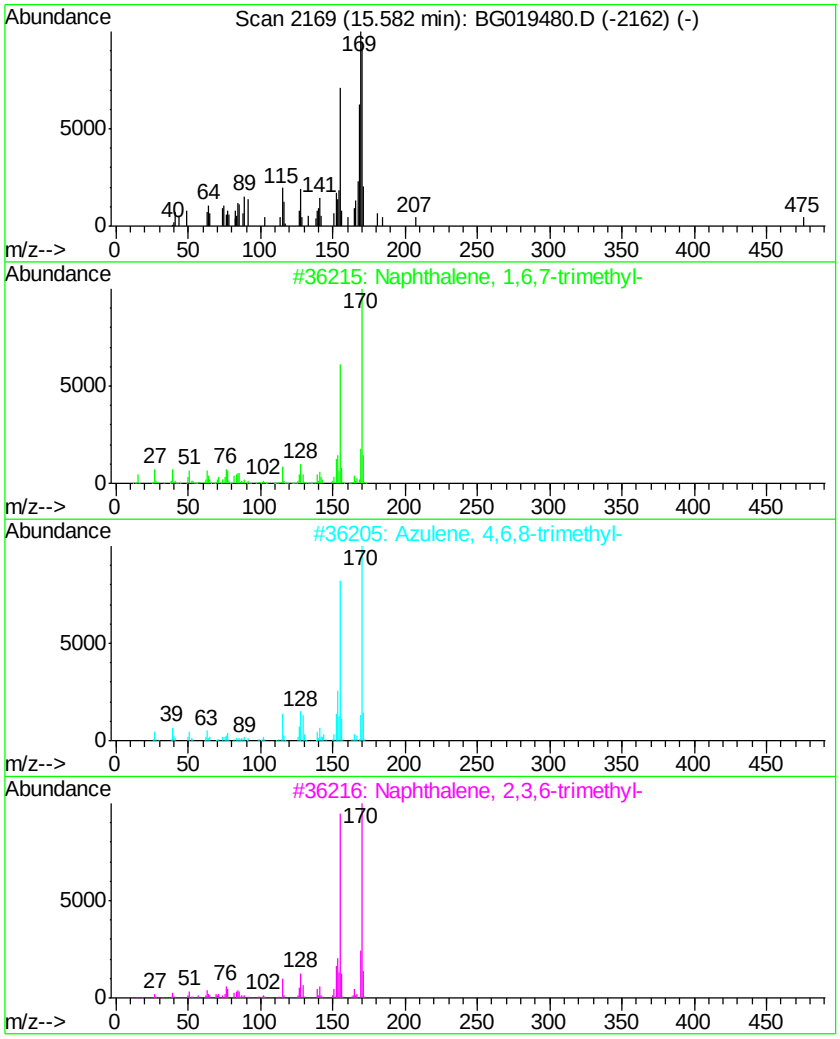
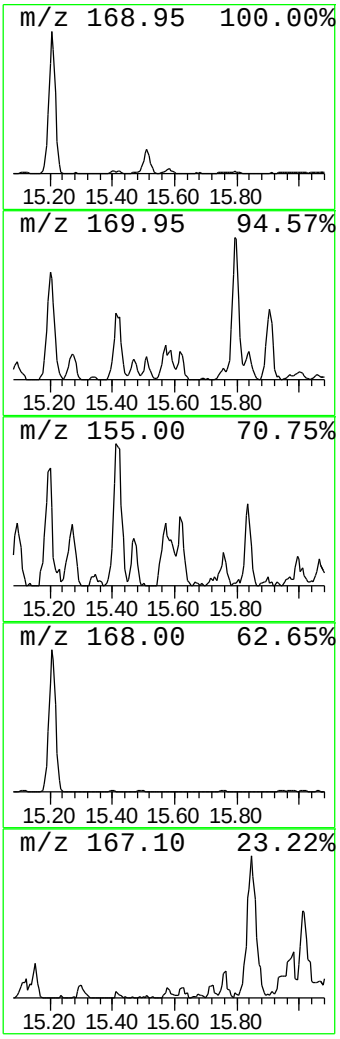
Peak Number 21 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.83 ng/ul	73458	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
2	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	43
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	43
4	Benzaldehyde, 2-fluoro-3-hydroxy...	170	C8H7FO3	079418-73-8	43
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	41





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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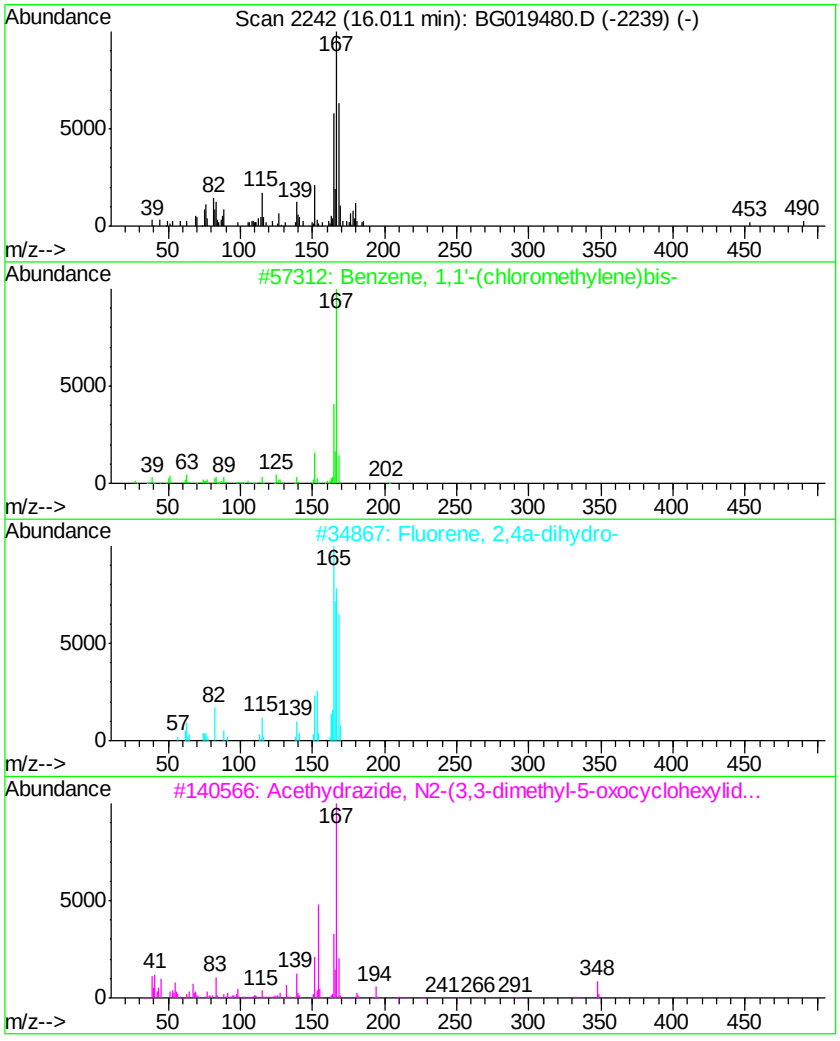
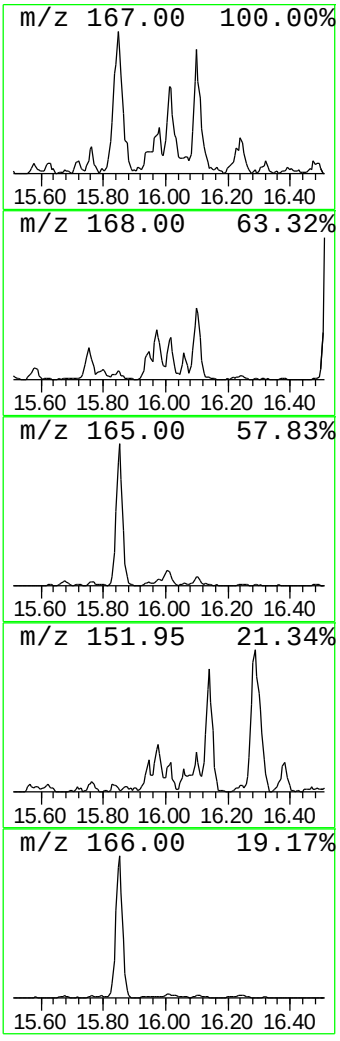
Peak Number 23 Benzene, 1,1'-(chloromethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	5.54 ng/ul	143531	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	64
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	64
3	Acethydrazide, N2-(3,3-dimethyl-...	348	C22H24N2O2	349613-17-8	53
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	52
5	Benzenepropanenitrile, .beta.-ph...	207	C15H13N	002286-54-6	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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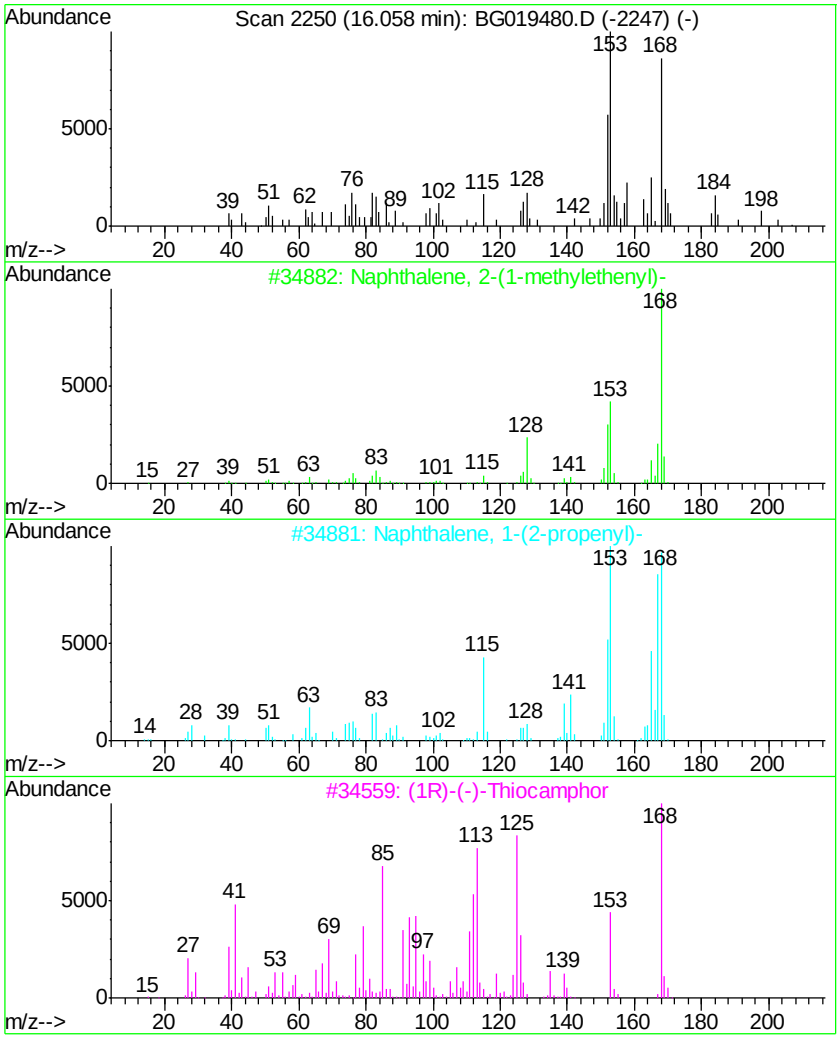
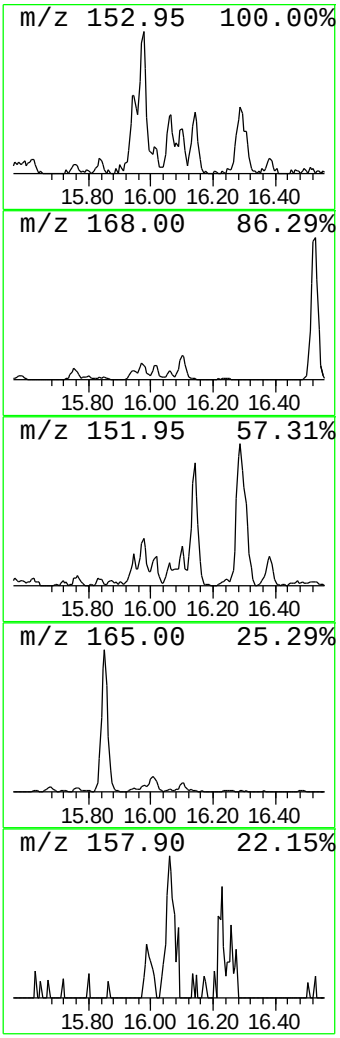
Peak Number 24 Naphthalene, 2-(1-methyleth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.89 ng/ul	74844	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	64
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58
3	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	58
4	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	49
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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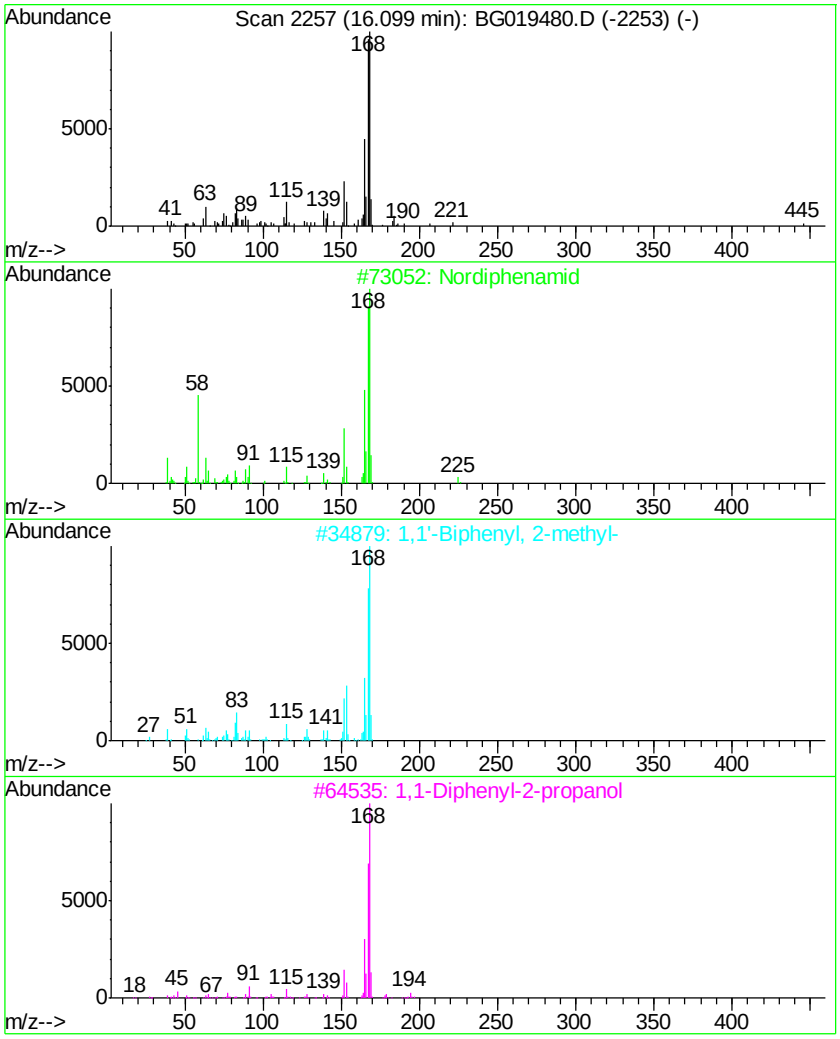
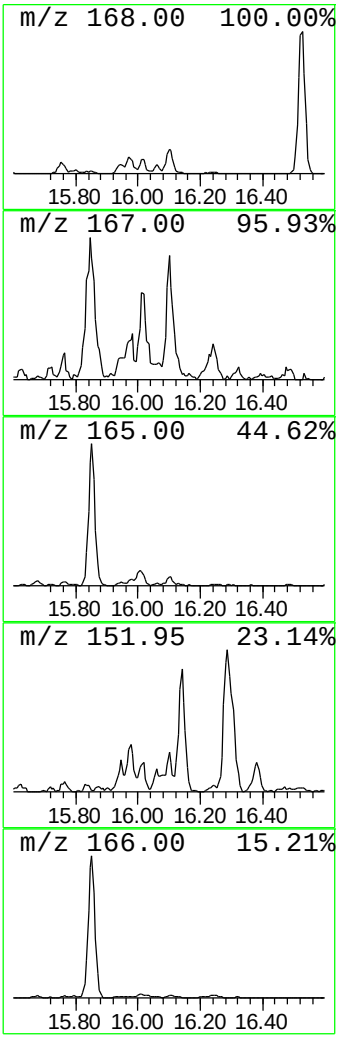
Peak Number 25 Nordiphenamid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	5.15 ng/ul	133604	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	90
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	89
3	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	78
4	Diphenylmethane	168	C13H12	000101-81-5	76
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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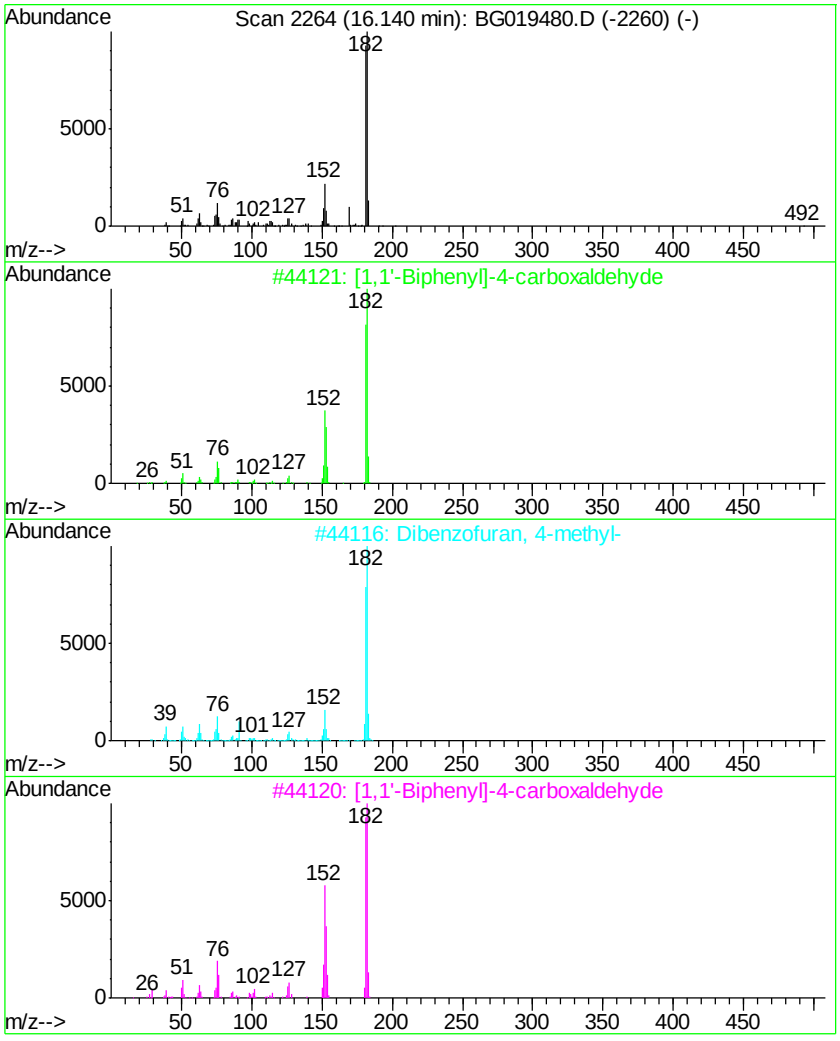
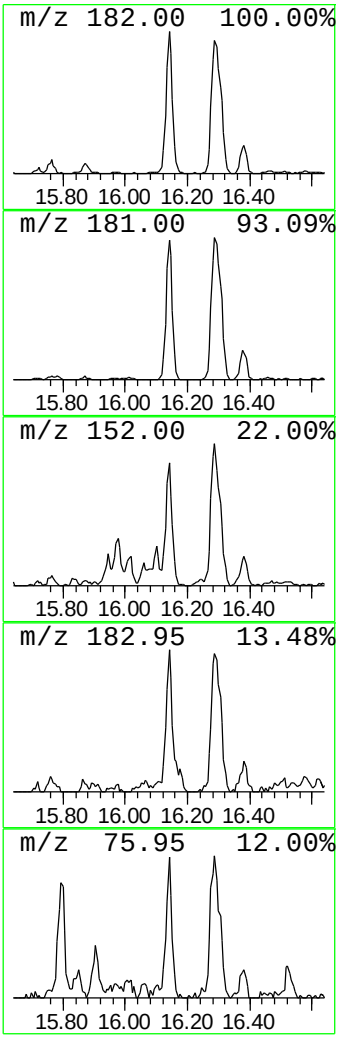
Peak Number 26 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	15.45 ng/ul	400467	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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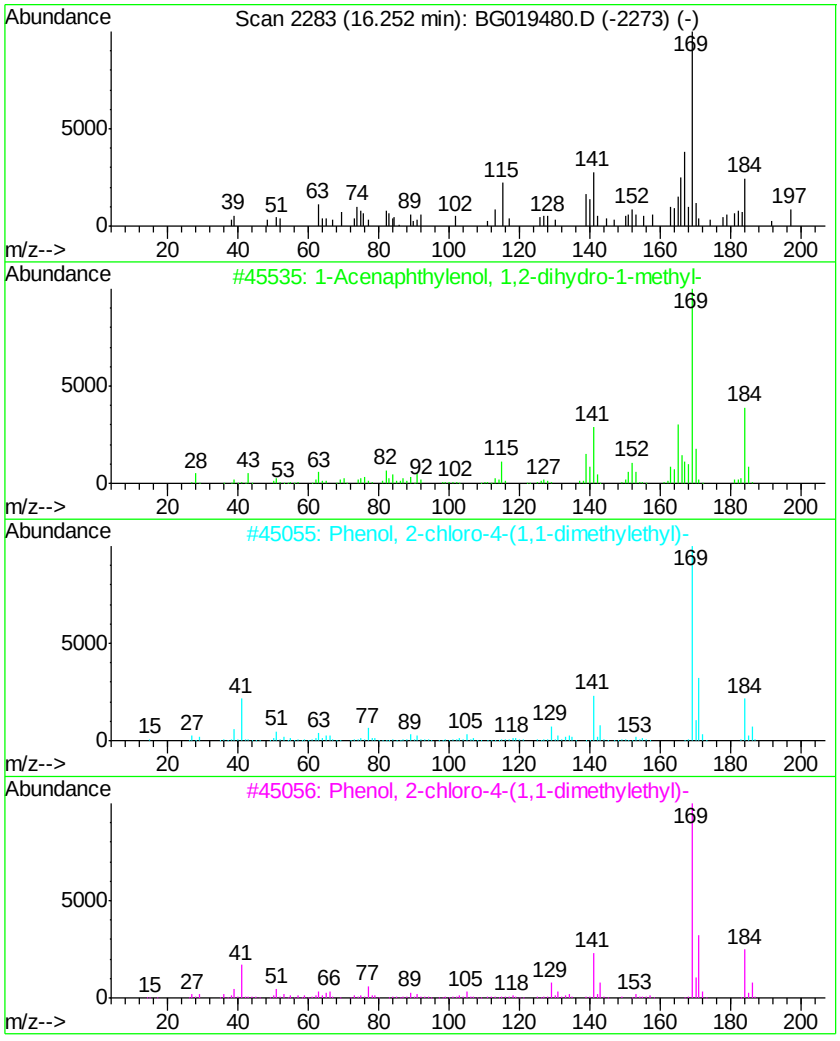
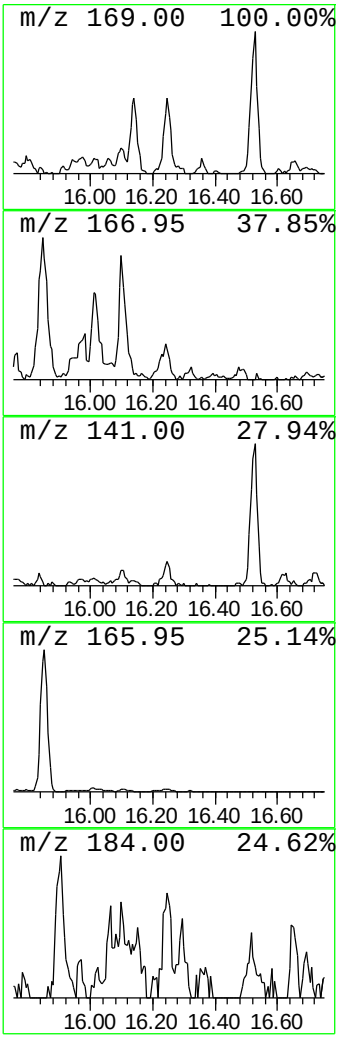
Peak Number 27 1-Acenaphthylenol, 1,2-dihy... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	2.30 ng/ul	80051	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	50
2	Phenol, 2-chloro-4-(1,1-dimethyl...	184	C10H13ClO	000098-28-2	49
3	Phenol, 2-chloro-4-(1,1-dimethyl...	184	C10H13ClO	000098-28-2	47
4	4-tert-Butylphthalonitrile	184	C12H12N2	032703-80-3	47
5	Naphthalene, 1-isocyanato-	169	C11H7NO	000086-84-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110415\
Data File : BG019480.D
Acq On : 4 Nov 2015 21:30
Operator : UM/NP
Sample : G4245-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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...	3.21	26.6	ng/ul	279202	1	8.18	210265	20.0
Indane	8.56	8.4	ng/ul	88027	1	8.18	210265	20.0
Benzofuran, 2-met...	9.55	8.1	ng/ul	84702	1	8.18	210265	20.0
3-Phenyl-2-propyn...	9.74	2.4	ng/ul	39008	2	11.01	326476	20.0
3-Phenylbut-1-ene	10.25	2.4	ng/ul	39645	2	11.01	326476	20.0
Benzene, 2-etheny...	10.40	5.2	ng/ul	84125	2	11.01	326476	20.0
2-Propenal, 2-met...	11.25	2.1	ng/ul	33667	2	11.01	326476	20.0
2-Propenal, 3-(4-...	11.91	2.0	ng/ul	33533	2	11.01	326476	20.0
Benzo[b]thiophene...	12.11	16.4	ng/ul	268597	2	11.01	326476	20.0
Benzo[b]thiophene...	12.55	7.4	ng/ul	121298	2	11.01	326476	20.0
Naphthalene, 2-et...	13.87	3.9	ng/ul	101653	3	14.81	518389	20.0
Benzo[b]thiophene...	13.98	2.0	ng/ul	52108	3	14.81	518389	20.0
Naphthalene, 2,7-...	14.13	13.8	ng/ul	357290	3	14.81	518389	20.0
Naphthalene, 2,3-...	14.37	7.1	ng/ul	185044	3	14.81	518389	20.0
1-Isopropenylnaph...	15.12	6.5	ng/ul	168715	3	14.81	518389	20.0
Naphthalene, 1,6,...	15.41	4.6	ng/ul	120090	3	14.81	518389	20.0
Naphthalene, 1-is...	15.51	5.5	ng/ul	143293	3	14.81	518389	20.0
unknown-01	15.58	2.8	ng/ul	73458	3	14.81	518389	20.0
Benzene, 1,1'-(ch...	16.01	5.5	ng/ul	143531	3	14.81	518389	20.0
Naphthalene, 2-(1...	16.06	2.9	ng/ul	74844	3	14.81	518389	20.0
Nordiphenamid	16.10	5.2	ng/ul	133604	3	14.81	518389	20.0
[1,1'-Biphenyl]-4...	16.14	15.4	ng/ul	400467	3	14.81	518389	20.0
1-Acenaphthylenol...	16.25	2.3	ng/ul	80051	4	17.55	695214	20.0