LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

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-BG073115.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	2.748	6	10	18	rVB2	9162	11789	1.20%	0.069%
2	2.942	38	43	48	rBV3	4692	7596	0.77%	0.045%
3	3.459	127	131	135	rVV7	5551	7238	0.73%	0.043%
4	4.781	353	356	361	rVB3	9435	11463	1.16%	0.067%
5	4.975	384	389	395	rBV	22665	31985	3.24%	0.188%
6	5.039	396	400	406	rVB4	6303	11235	1.14%	0.066%
7	5.116	406	413	421	rBV3	12528	21762	2.21%	0.128%
8	5.233	428	433	440	rBV3	11222	18378	1.86%	0.108%
9	5.316	444	447	452	rVB3	3464	6010	0.61%	0.035%
10	5.468	467	473	478	rBV5	6684	13133	1.33%	0.077%
11	5.950	551	555	559	rBV2	8004	11793	1.20%	0.069%
12	6.567	654	660	664	rBV	81495	129912	13.17%	0.764%
13	6.602	664	666	670	rVV2	9226	10808	1.10%	0.064%
14	6.661	670	676	681	rVV	102329	167604	16.99%	0.986%
15	6.696	681	682	689	rVB4	15378	17236	1.75%	0.101%
16	6.767	689	694	695	rBV4	6184	7925	0.80%	0.047%
17	6.802	695	700	709	rVB	83344	118909	12.06%	0.700%
18	6.902	712	717	723	rBV	41420	64908	6.58%	0.382%
19	6.996	727	733	742	rVB	113385	182604	18.51%	1.074%
20	7.102	742	751	756	rBV10	11012	24815	2.52%	0.146%
21	7.454	805	811	815	rBV	119020	190649	19.33%	1.122%
22	7.501	815	819	825	rVB	148291	220302	22.34%	1.296%
23	7.566	827	830	831	rBV2	5266	6071	0.62%	0.036%
24	7.636	838	842	845	rBV3	7042	7974	0.81%	0.047%
25	7.877	879	883	888	rVB2	15007	19201	1.95%	0.113%
26	8.018	899	907	913	rVB4	46383	83455	8.46%	0.491%
27	8.101	917	921	924	rVB3	5269	7015	0.71%	0.041%
28	8.165	926	932	934	rBV	104791	180100	18.26%	1.060%
29	8.271	948	950	956	rBV3	4450	8061	0.82%	0.047%
30	8.353	959	964	970	rVB	48065	67603	6.85%	0.398%
31	8.459	976	982	987	rBV2	18842	28893	2.93%	0.170%
32	8.559	995	999	1003	rBV5	11781	19017	1.93%	0.112%
33	8.612	1003	1008	1017	rVB	115579	193859	19.65%	1.141%
34	8.806	1033	1041	1043	rBV4	33586	63461	6.43%	0.373%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

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-BG073115.M
Title : SVOA CALIBRATION

35	8.841	1043	1047	1052	rVB	60307	98191	9.96%	0.578%
36	8.900	1054	1057	1061	rBV3	13788	23083	2.34%	0.136%
37	9.135	1093	1097	1102	rVB7	10284	17865	1.81%	0.105%
38	9.223	1107	1112	1116	rVV2	14305	21191	2.15%	0.125%
39	9.334	1124	1131	1139	rBV	97818	174540	17.70%	1.027%
40	9.417	1141	1145	1149	rVB2	26978	39938	4.05%	0.235%
41	9.517	1156	1162	1169	rVB3	42554	83850	8.50%	0.493%
42	9.640	1178	1183	1188	rBV2	34414	60725	6.16%	0.357%
43	9.728	1193	1198	1203	rBV	99590	149642	15.17%	0.880%
44	9.881	1218	1224	1232	rVB	159975	271887	27.57%	1.600%
45	10.016	1243	1247	1249	rBV5	6569	9893	1.00%	0.058%
46	10.098	1256	1261	1264	rBV7	10577	20627	2.09%	0.121%
47	10.157	1269	1271	1275	rVB5	11131	11423	1.16%	0.067%
48	10.210	1275	1280	1283	rBV	300723	501979	50.89%	2.953%
49	10.333	1297	1301	1305	rBV2	14330	25041	2.54%	0.147%
50	10.386	1306	1310	1316	rVB2	63989	121041	12.27%	0.712%
51	10.445	1316	1320	1323	rBV	36548	61199	6.20%	0.360%
52	10.533	1331	1335	1342	rVB8	12170	27076	2.75%	0.159%
53	10.615	1342	1349	1350	rBV6	18690	38007	3.85%	0.224%
54	10.668	1354	1358	1364	rVB7	28241	46602	4.72%	0.274%
55	10.827	1379	1385	1392	rVB	76305	140103	14.20%	0.824%
56	10.897	1392	1397	1402	rBV8	15702	30562	3.10%	0.180%
57	11.009	1411	1416	1420	rBV	82933	119258	12.09%	0.702%
58	11.150	1435	1440	1447	rBV3	66333	180575	18.31%	1.062%
59	11.514	1498	1502	1508	rBV3	32893	65065	6.60%	0.383%
60	11.696	1529	1533	1538	rBV6	22752	40827	4.14%	0.240%
61	11.890	1562	1566	1575	rVB2	63403	101008	10.24%	0.594%
62	12.014	1583	1587	1590	rBV2	24528	41136	4.17%	0.242%
63	12.049	1590	1593	1600	rVB4	37437	74495	7.55%	0.438%
64	12.137	1600	1608	1612	rBV7	53524	141369	14.33%	0.832%
65	12.448	1658	1661	1663	rBV3	24501	35701	3.62%	0.210%
66	12.548	1674	1678	1680	rBV	29657	37349	3.79%	0.220%
67	12.589	1681	1685	1689	rVV2	65047	93361	9.47%	0.549%
68	12.707	1702	1705	1706	rBV3	38753	37519	3.80%	0.221%
69	12.877	1730	1734	1739	rVB	128966	178098	18.06%	1.048%
70	13.012	1753	1757	1760	rBV2	61367	87496	8.87%	0.515%
71	13.048	1760	1763	1768	rVB	117170	154364	15.65%	0.908%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

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-BG073115.M
Title : SVOA CALIBRATION

72	13.106	1768	1773	1778	rVB	470388	662330	67.15%	3.897%
73	13.165	1778	1783	1786	rBV2	115323	177734	18.02%	1.046%
74	13.300	1802	1806	1808	rBV4	57481	97722	9.91%	0.575%
75	13.394	1814	1822	1828	rVB5	59691	148177	15.02%	0.872%
76	13.482	1834	1837	1840	rBV3	52225	80638	8.18%	0.474%
77	13.553	1845	1849	1853	rVB	320428	435577	44.16%	2.563%
78	13.600	1854	1857	1860	rBV	47379	50691	5.14%	0.298%
79	13.776	1883	1887	1891	rBV2	184667	278467	28.23%	1.638%
80	13.823	1891	1895	1900	rVB	284492	393054	39.85%	2.312%
81	14.135	1942	1948	1953	rBV3	320833	546904	55.45%	3.218%
82	14.399	1989	1993	1997	rVB	385137	491340	49.82%	2.891%
83	14.616	2026	2030	2036	rVV2	222725	347811	35.26%	2.046%
84	14.681	2037	2041	2046	rVB	206231	284886	28.88%	1.676%
85	15.104	2108	2113	2116	rBV	671323	904423	91.70%	5.321%
86	15.139	2116	2119	2122	rVV	376545	512357	51.95%	3.014%
87	15.180	2122	2126	2133	rVB	462241	691495	70.11%	4.068%
88	15.280	2140	2143	2146	rBV4	77663	96013	9.73%	0.565%
89	15.363	2152	2157	2161	rBV2	298673	434449	44.05%	2.556%
90	15.415	2162	2166	2168	rBV2	195832	312086	31.64%	1.836%
91	15.515	2180	2183	2187	rVB2	175170	195603	19.83%	1.151%
92	15.627	2200	2202	2211	rVB3	187179	284537	28.85%	1.674%
93	16.203	2297	2300	2307	rVB	402093	514935	52.21%	3.029%
94	16.902	2414	2419	2423	rBV3	635920	986322	100.00%	5.803%
95	17.319	2486	2490	2496	rVB	448442	626308	63.50%	3.685%
96	17.454	2510	2513	2520	rBV2	233296	470900	47.74%	2.770%
97	17.948	2594	2597	2602	rVB2	250735	329760	33.43%	1.940%
98	18.388	2669	2672	2676	rBV2	244966	308610	31.29%	1.816%
99	19.311	2826	2829	2831	rBV	266844	304836	30.91%	1.793%
100	19.763	2902	2906	2909	rBV	561696	694676	70.43%	4.087%

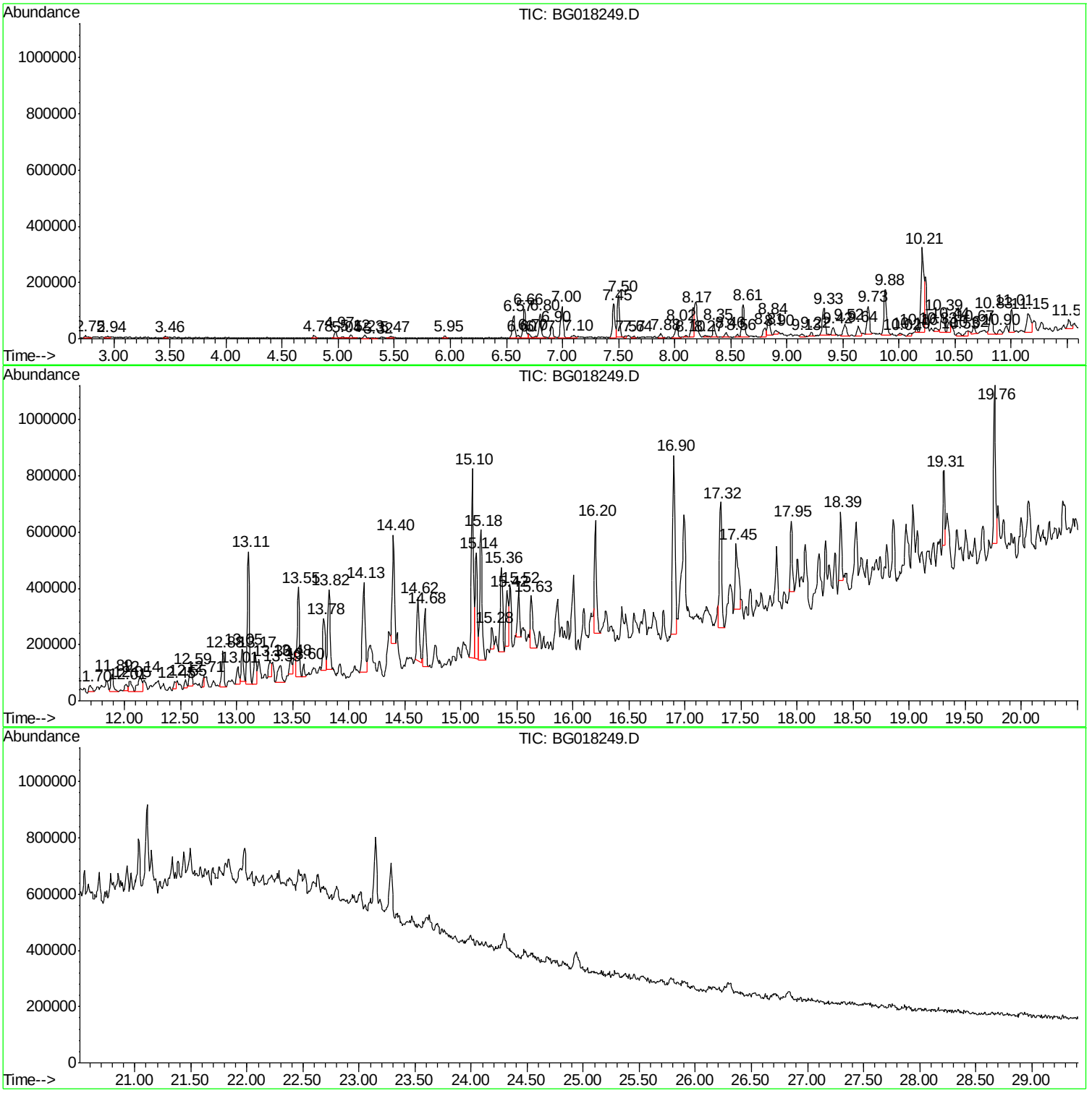
Sum of corrected areas: 16997491

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

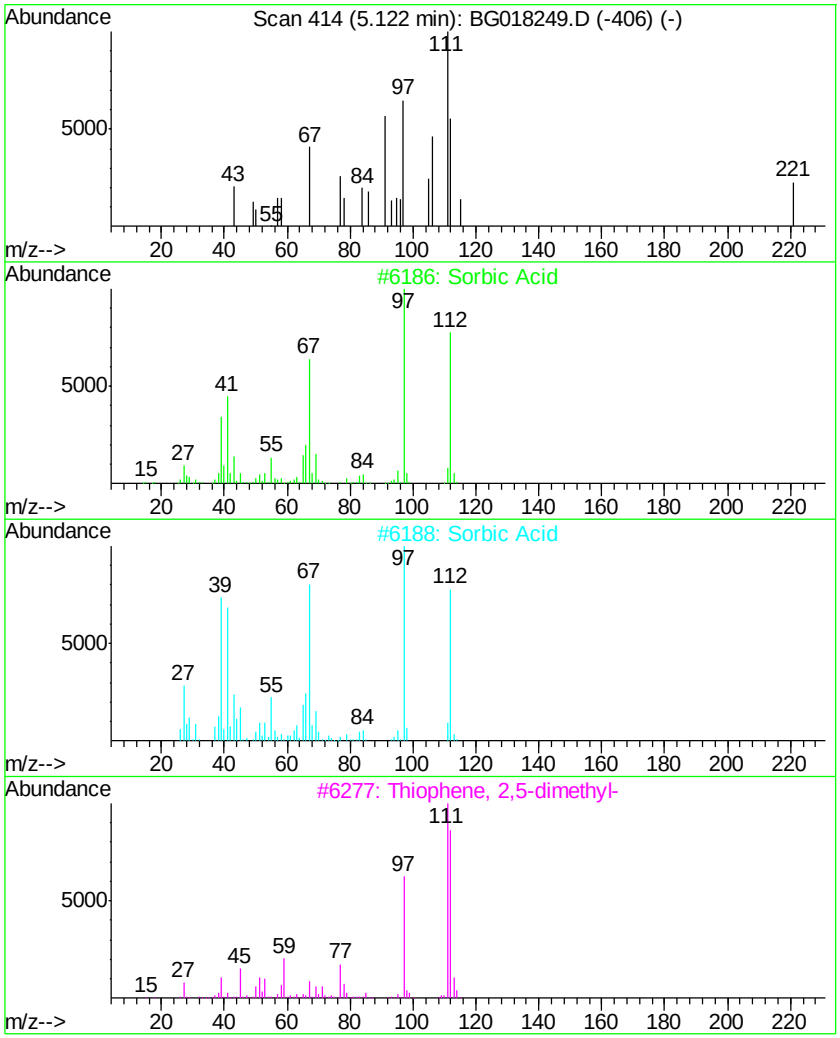
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

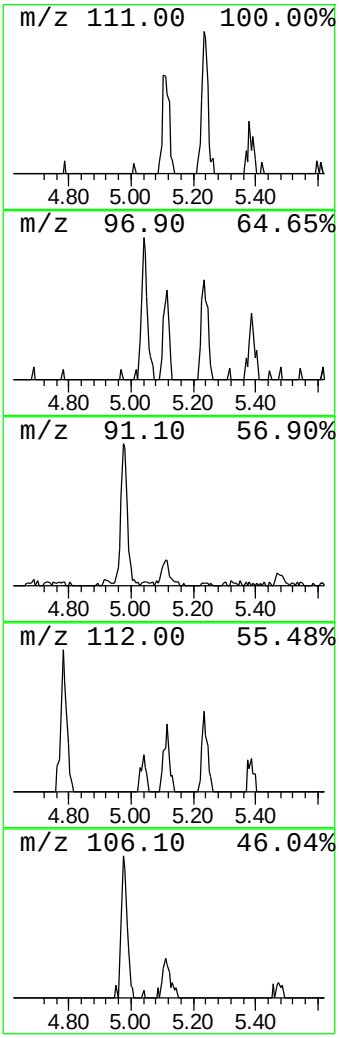
****

Peak Number 2 Sorbic Acid Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.28 ng/ul	21762	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sorbic Acid	112	C6H8O2	000110-44-1	52
2	Sorbic Acid	112	C6H8O2	000110-44-1	50
3	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	47
4	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	43
5	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

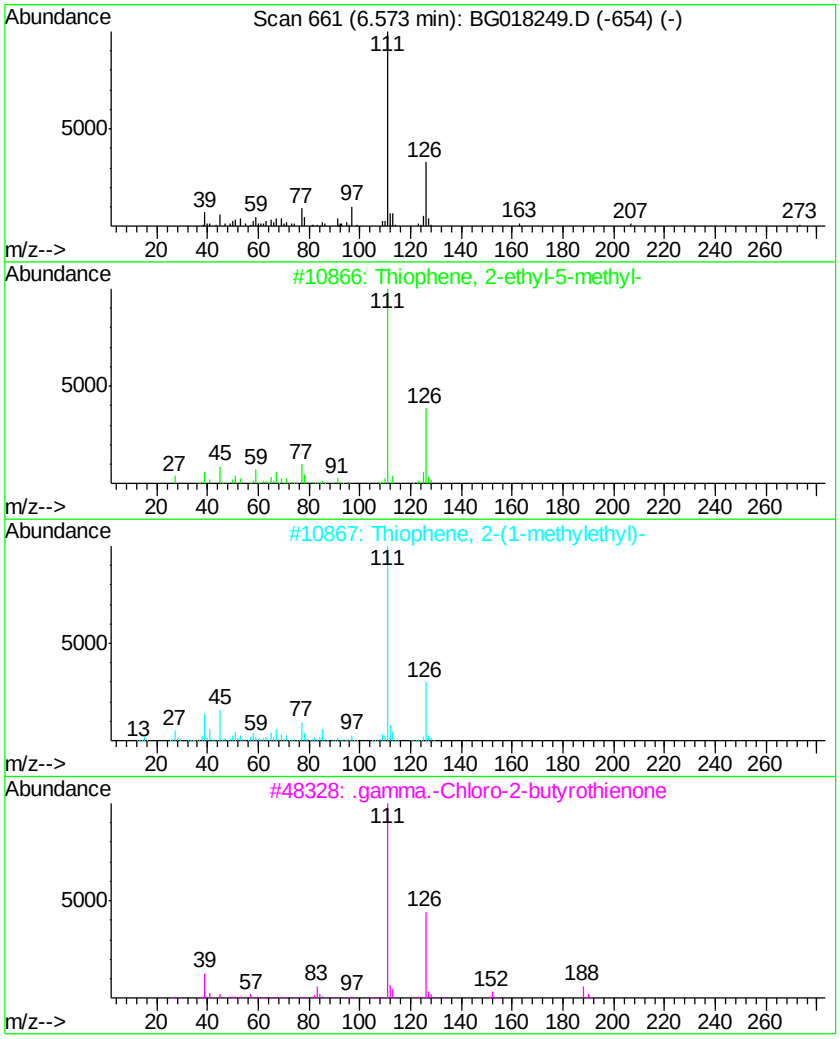
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

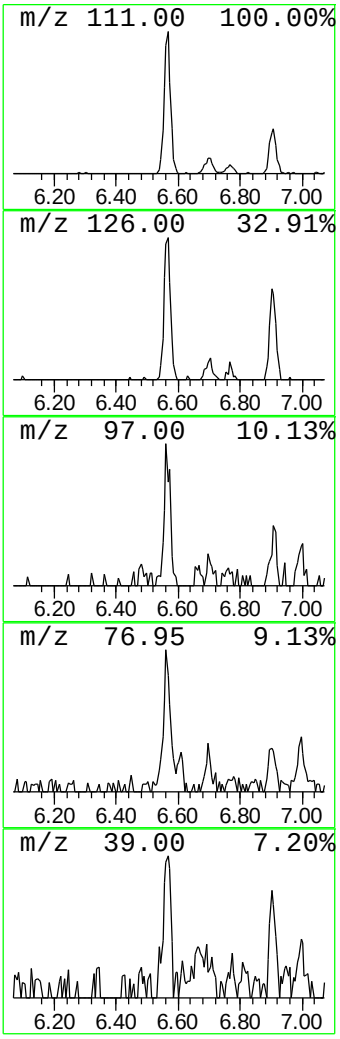
****

Peak Number 3 Thiophene, 2-ethyl-5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	13.63 ng/ul	129912	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	81
2	Thiophene, 2-(1-methylethyl)-	126	C7H10S	004095-22-1	80
3	.gamma.-Chloro-2-butyrothienone	188	C8H9ClOS	043076-59-1	72
4	2-Pyrazoline, 1-isopropyl-3-methyl-	126	C7H14N2	022581-48-2	72
5	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

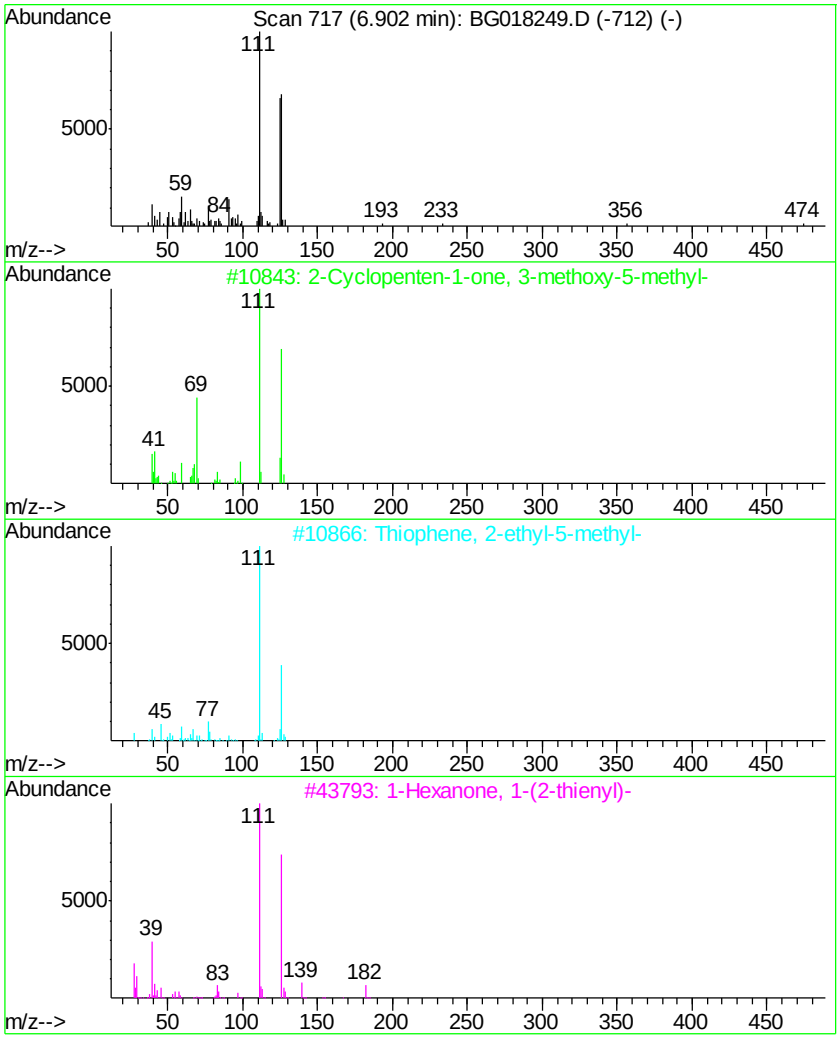
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

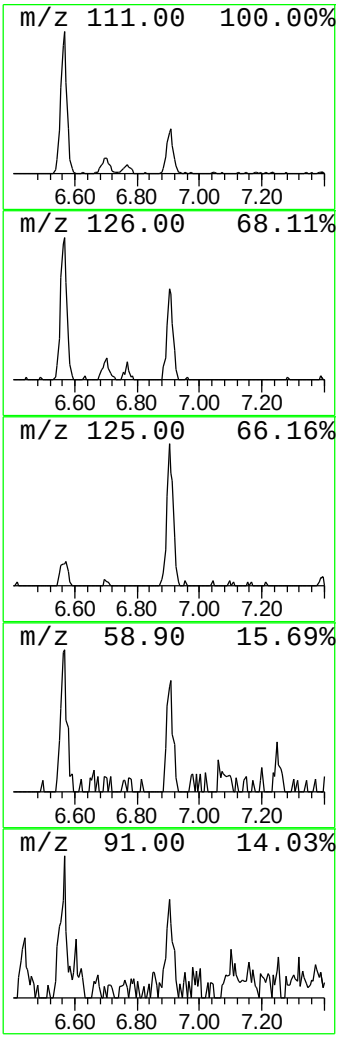
****

Peak Number 4 2-Cyclopenten-1-one, 3-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	6.81 ng/ul	64908	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methoxy-5...	126	C7H10O2	007180-60-1	64
2	Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	53
3	1-Hexanone, 1-(2-thienyl)-	182	C10H14OS	026447-67-6	53
4	1-Hexanone, 1-(2-thienyl)-	182	C10H14OS	026447-67-6	53
5	1-Nonanone, 1-(2-thienyl)-	224	C13H20OS	059782-24-0	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

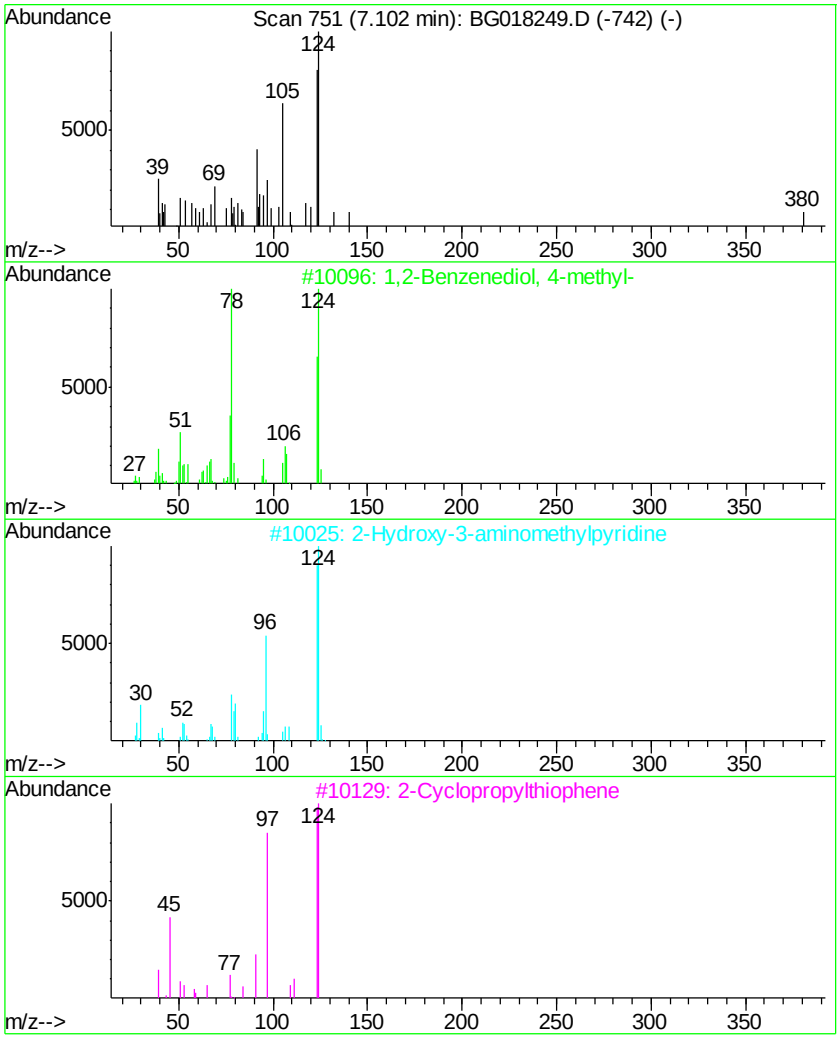
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

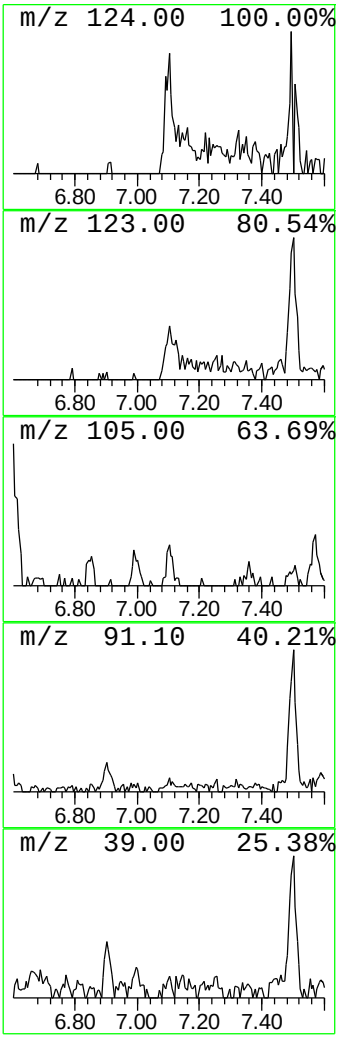
****

Peak Number 5 1,2-Benzenediol, 4-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	2.60 ng/ul	24815	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	53
2	2-Hydroxy-3-aminomethylpyridine	124	C6H8N2O	123369-45-9	53
3	2-Cyclopropylthiophene	124	C7H8S	029481-22-9	50
4	6-ACETYL-1,7-DIMETHYL-8-PROPYLDE...	252	C15H28N2O	1000240-86-9	36
5	Tetramethylfuran	124	C8H12O	010599-58-3	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

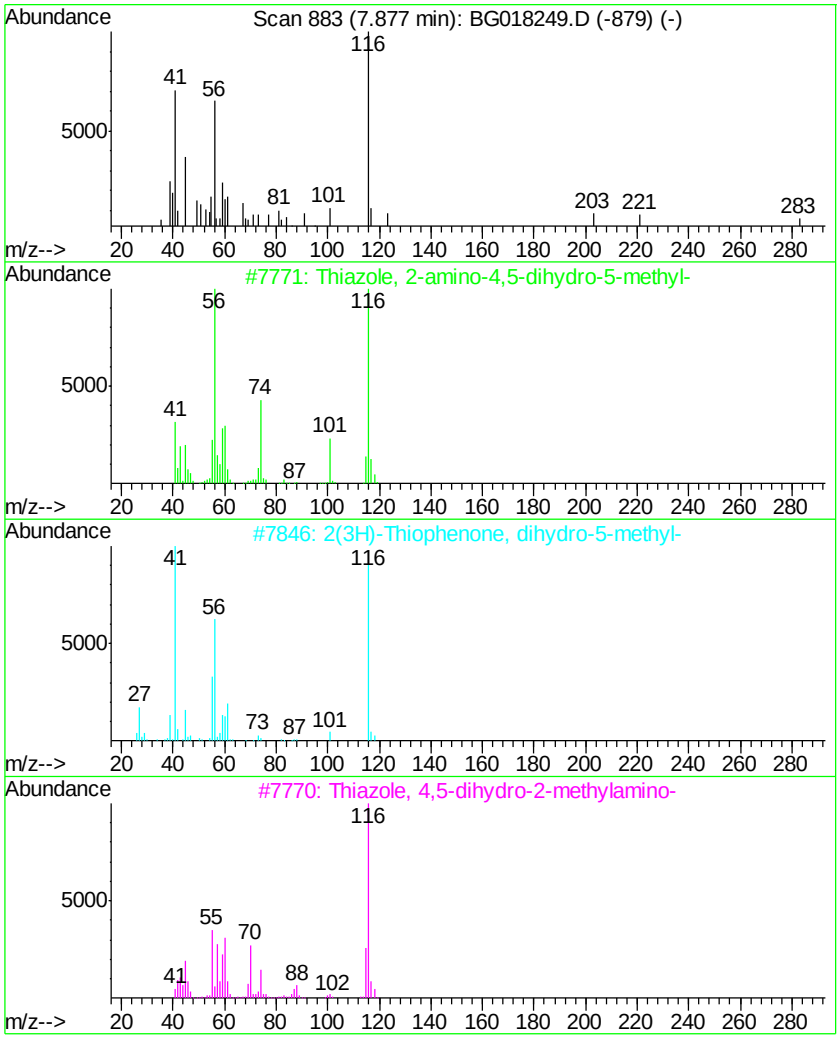
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

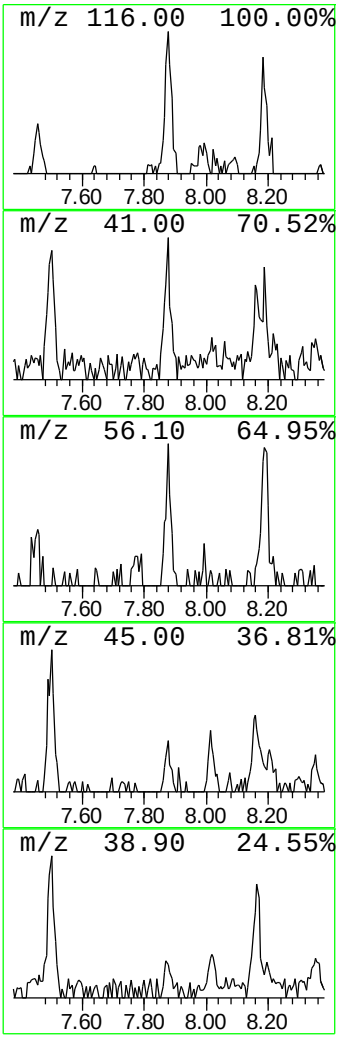
****

Peak Number 6 Thiazole, 2-amino-4,5-dihyd... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	2.01 ng/ul	19201	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 2-amino-4,5-dihydro-5-...	116	C4H8N2S	010416-80-5	72
2	2(3H)-Thiophenone, dihydro-5-met...	116	C5H8OS	005650-74-8	64
3	Thiazole, 4,5-dihydro-2-methylam...	116	C4H8N2S	010416-51-0	50
4	1-Propene, 1-(ethylthio)-2-methyl-	116	C6H12S	027482-14-0	47
5	3-Thiophenethiol	116	C4H4S2	007774-73-4	43





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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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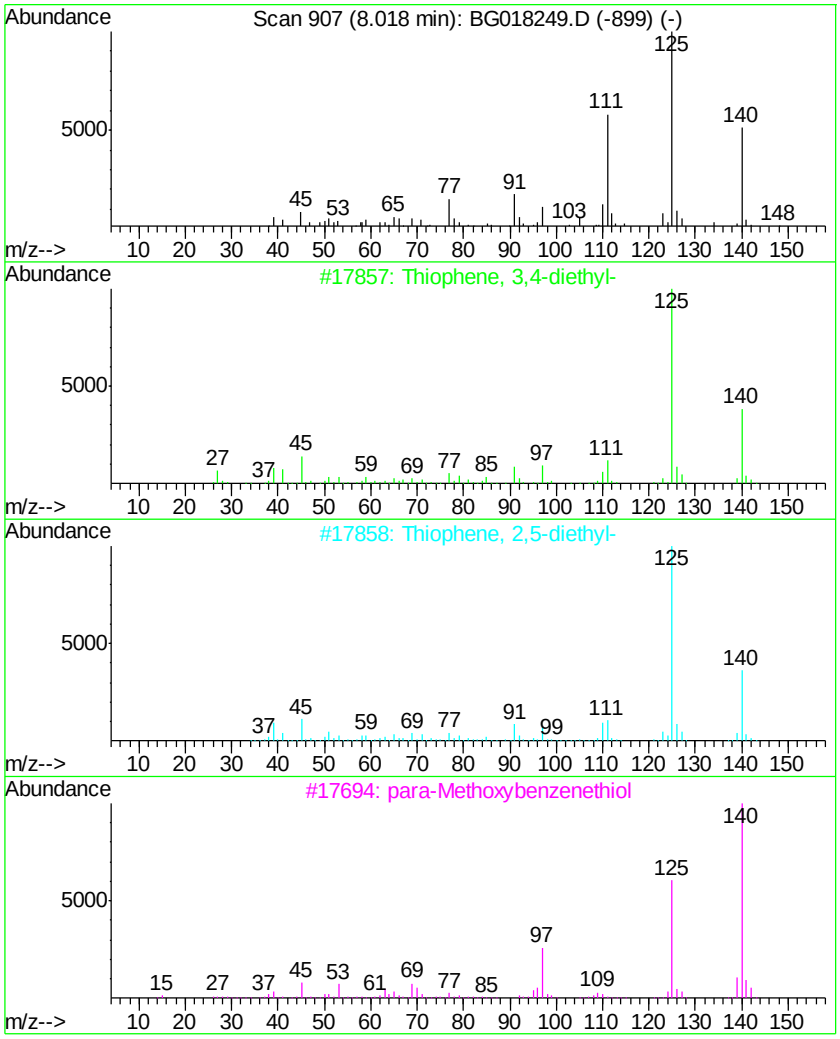
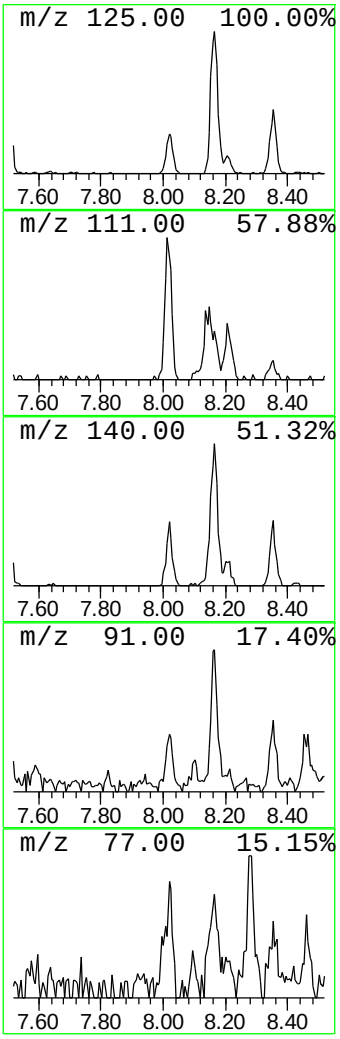
Peak Number 7 Thiophene, 3,4-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	8.75 ng/ul	83455	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3,4-diethyl-	140	C8H12S	035686-14-7	76
2	Thiophene, 2,5-diethyl-	140	C8H12S	005069-23-8	74
3	para-Methoxybenzenethiol	140	C7H8OS	000696-63-9	62
4	2-Acetyl-5-methylthiophene	140	C7H8OS	013679-74-8	53
5	3-tert-Butyl-2-pyrazolin-5-one	140	C7H12N2O	029211-68-5	53





Library Search Compound Report

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Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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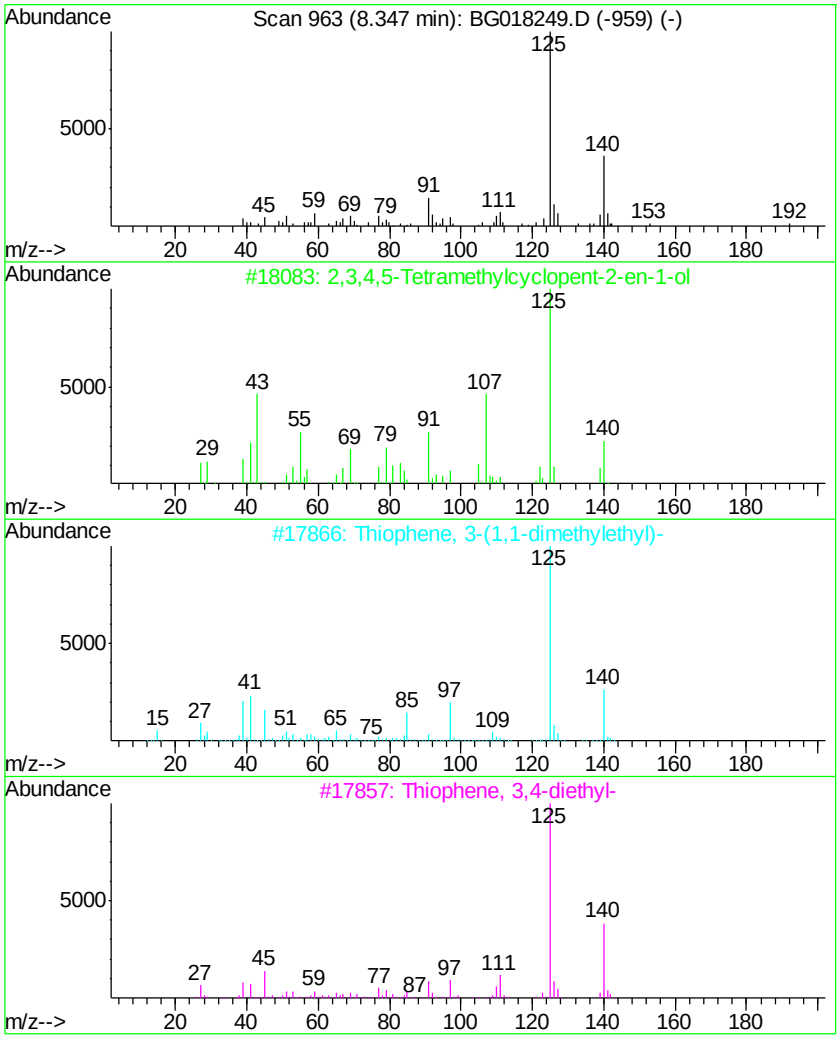
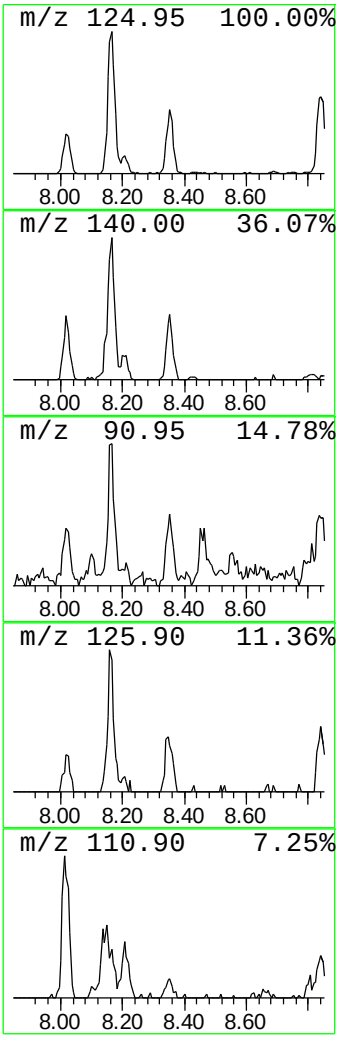
Peak Number 8 2,3,4,5-Tetramethylcyclopen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	7.09 ng/ul	67603	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetramethylcyclopent-2-e...	140	C9H16O	082061-20-9	72
2	Thiophene, 3-(1,1-dimethylethyl)-	140	C8H12S	001689-79-8	64
3	Thiophene, 3,4-diethyl-	140	C8H12S	035686-14-7	64
4	Thiophene, 3-(1,1-dimethylethyl)-	140	C8H12S	001689-79-8	64
5	2-Acetyl-3-methylthiophene	140	C7H8OS	013679-72-6	59





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Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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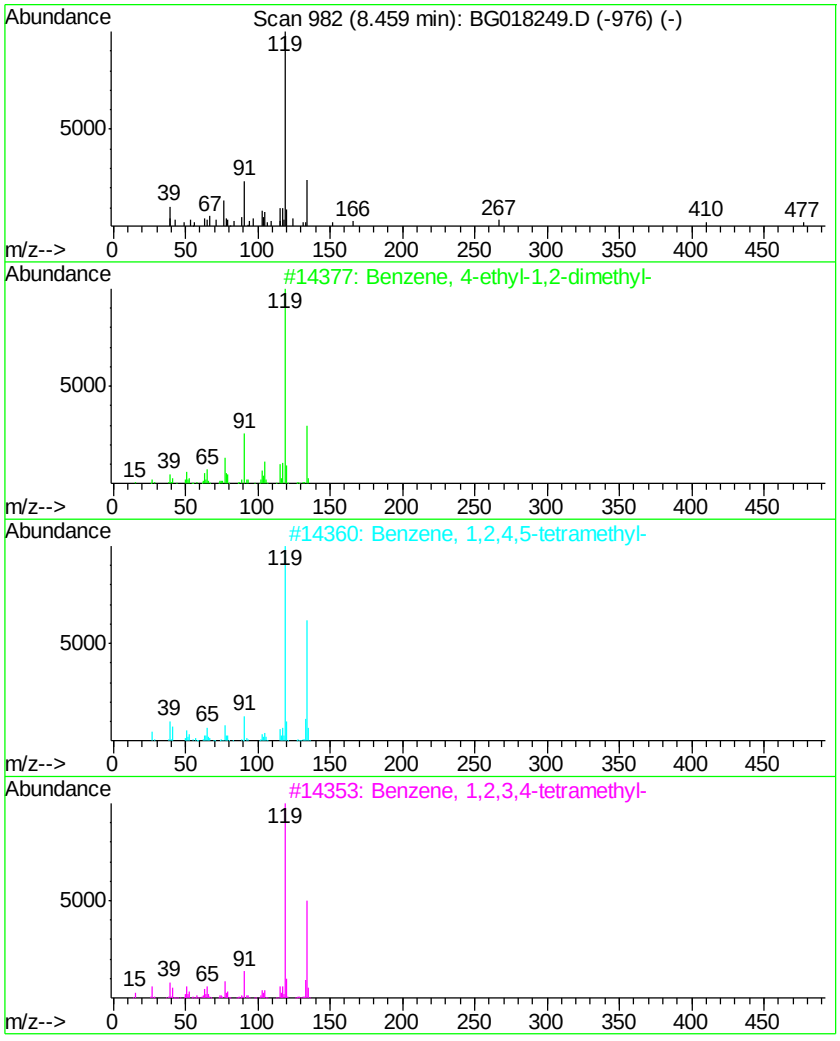
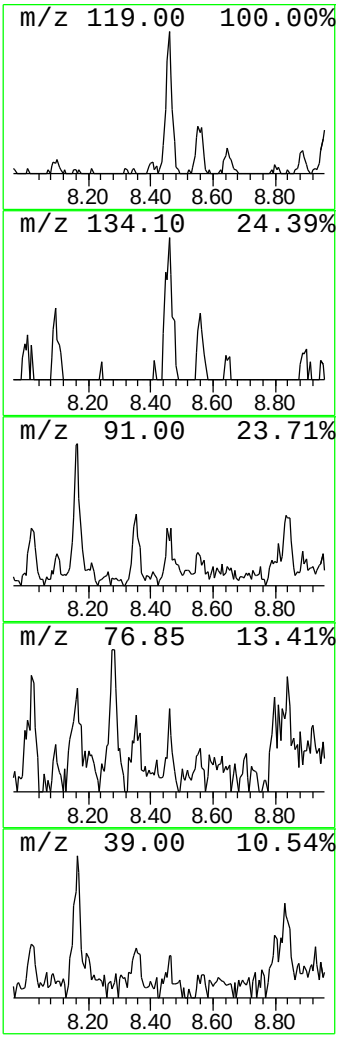
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	3.03 ng/ul	28893	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90





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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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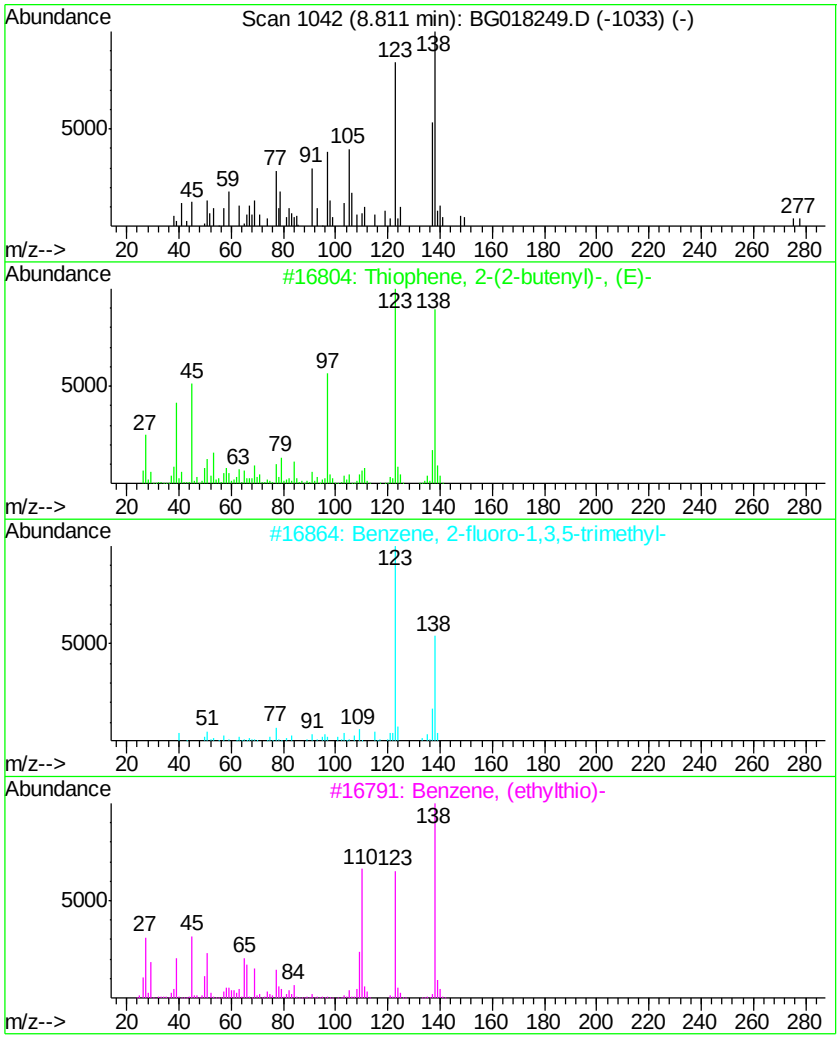
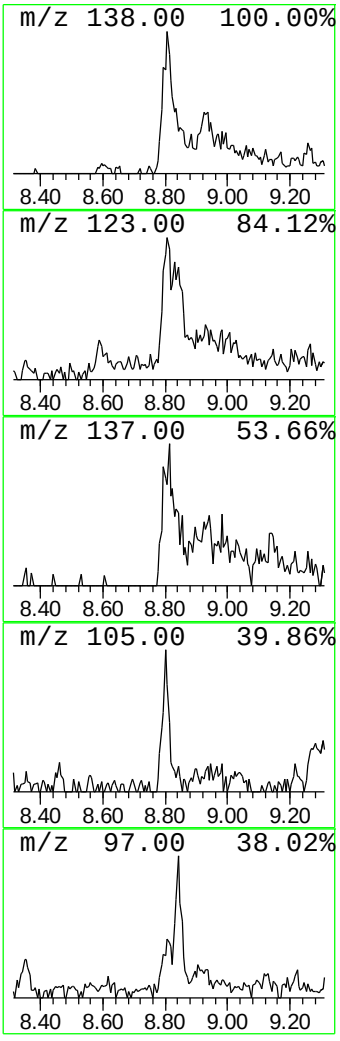
Peak Number 10 Thiophene, 2-(2-butenyl)-, ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	6.66 ng/ul	63461	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-(2-butenyl)-, (E)-	138	C8H10S	052008-15-8	64
2	Benzene, 2-fluoro-1,3,5-trimethyl-	138	C9H11F	000392-69-8	58
3	Benzene, (ethylthio)-	138	C8H10S	000622-38-8	50
4	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	50
5	Phenol, 2-methoxy-3-methyl-	138	C8H10O2	018102-31-3	50





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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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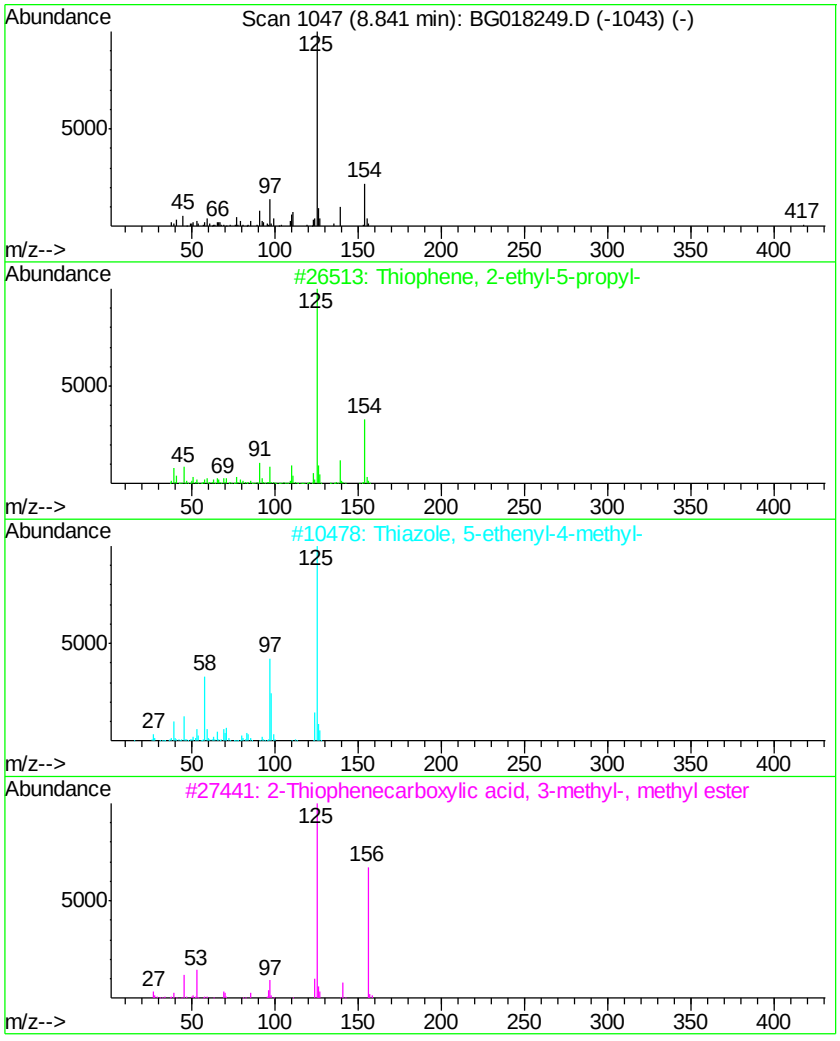
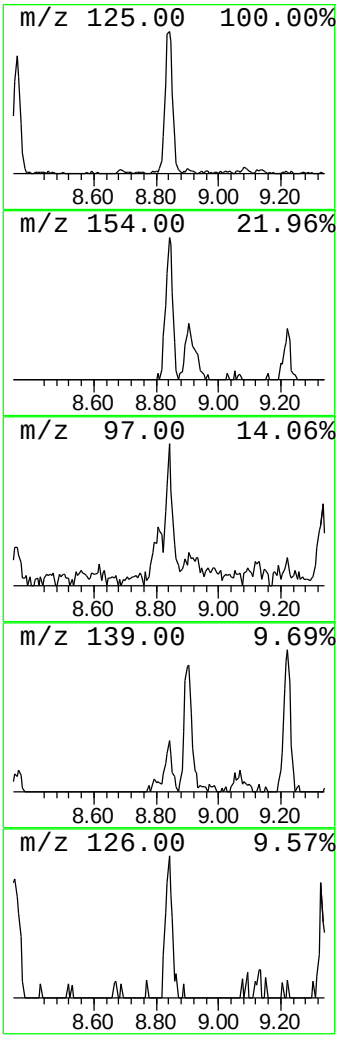
Peak Number 11 Thiophene, 2-ethyl-5-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	10.30 ng/ul	98191	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-5-propyl-	154	C9H14S	054244-74-5	58
2	Thiazole, 5-ethenyl-4-methyl-	125	C6H7NS	001759-28-0	58
3	2-Thiophenecarboxylic acid, 3-me...	156	C7H8O2S	081452-54-2	53
4	Bis[phenylsulfonyl]-4-trichlorom...	522	C20H14Cl4O4S2	081269-12-7	53
5	4-Methoxypyridine-N-oxide	125	C6H7NO2	001122-96-9	47





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Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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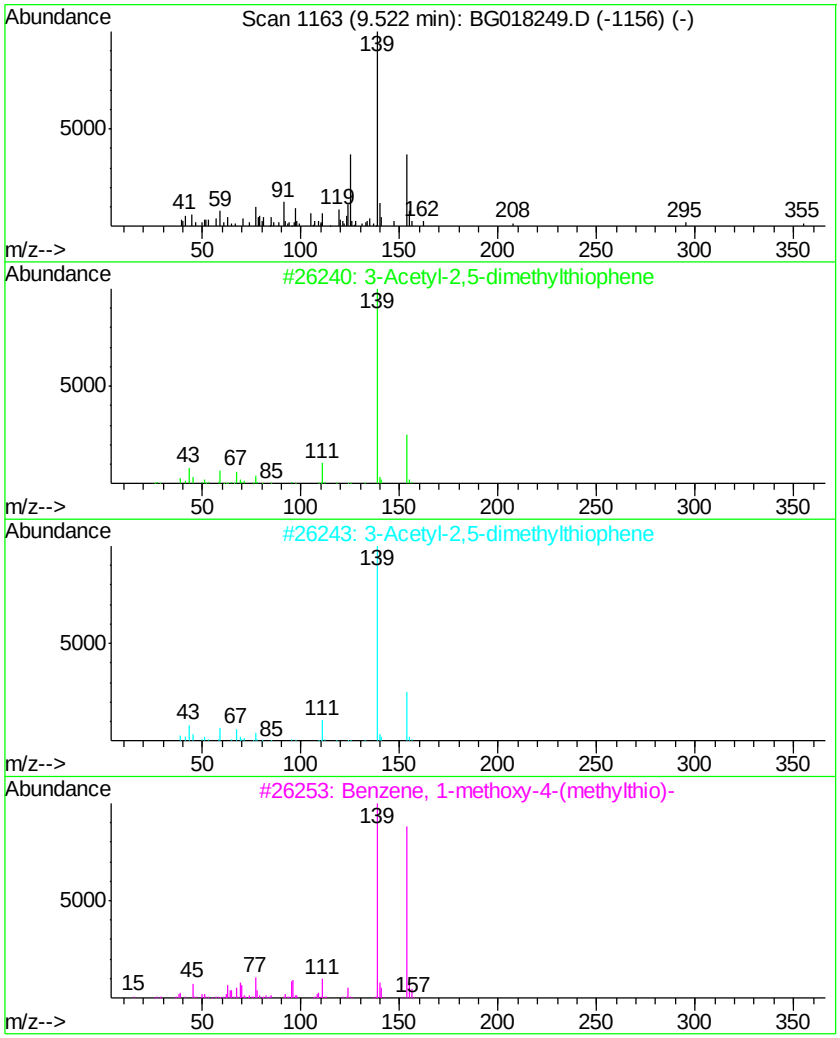
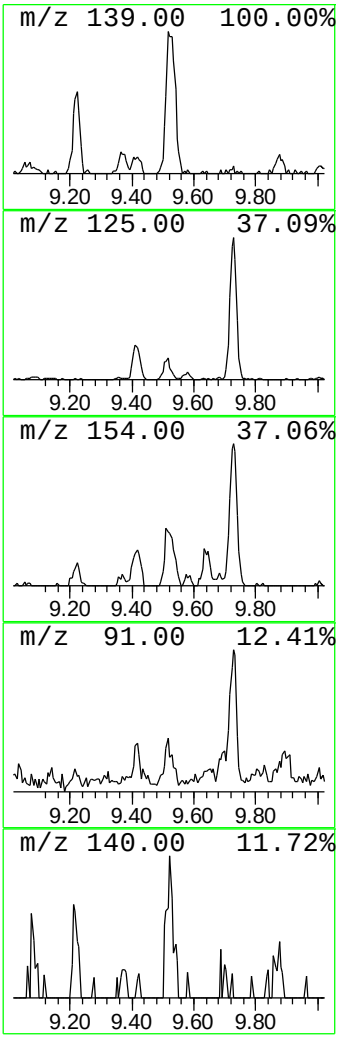
Peak Number 12 3-Acetyl-2,5-dimethylthiophene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.34 ng/ul	83850	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetyl-2,5-dimethylthiophene	154	C8H10OS	002530-10-1	50
2	3-Acetyl-2,5-dimethylthiophene	154	C8H10OS	002530-10-1	47
3	Benzene, 1-methoxy-4-(methylthio)-	154	C8H10OS	001879-16-9	47
4	5-Fluoro-2-hydroxyacetophenone	154	C8H7FO2	000394-32-1	43
5	Acetophenone, 3'-chloro-	154	C8H7ClO	000099-02-5	43





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Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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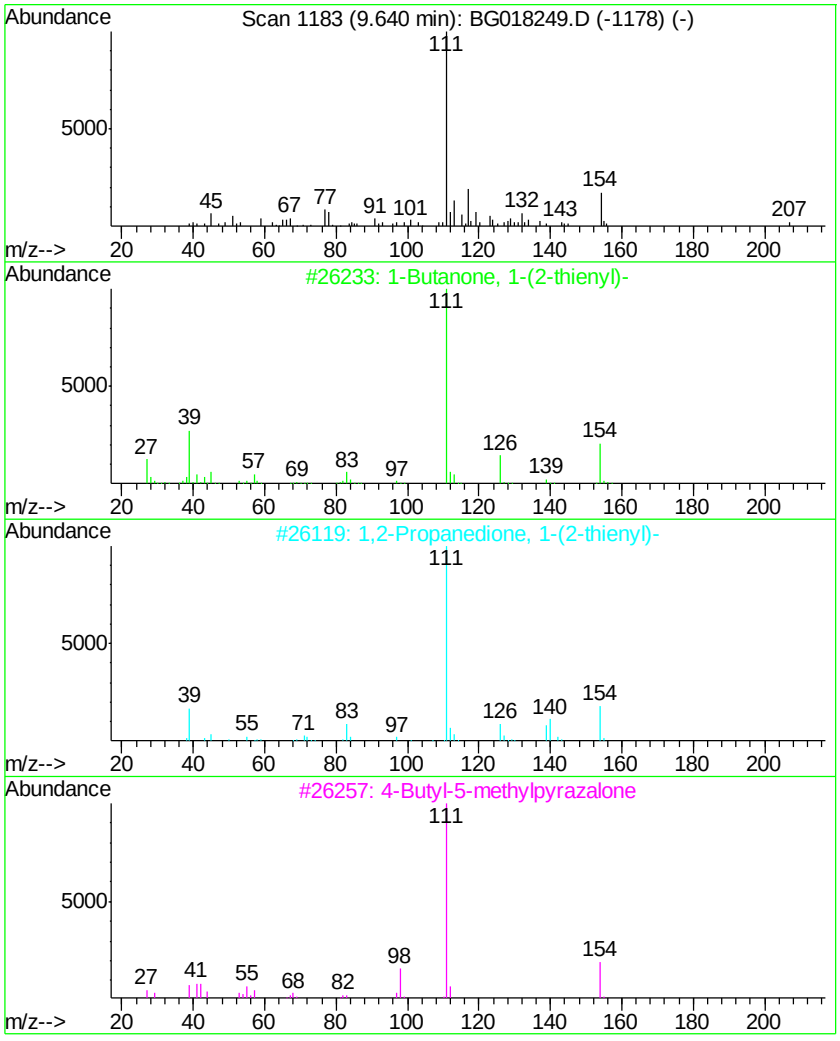
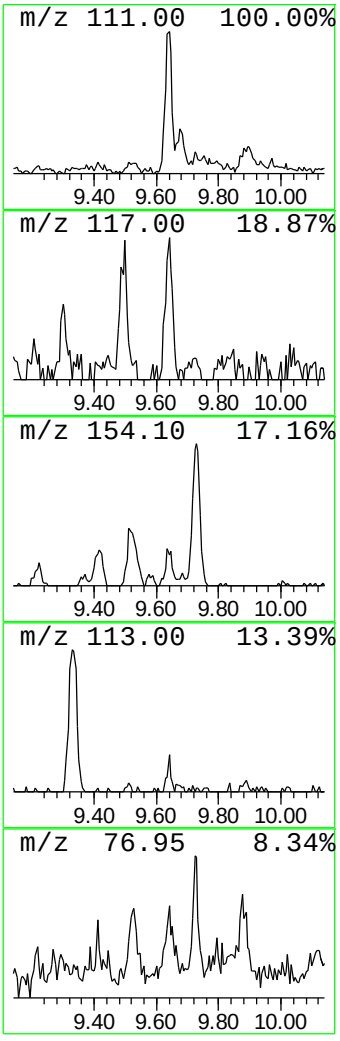
Peak Number 13 1-Butanone, 1-(2-thienyl)- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	2.42 ng/ul	60725	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanone, 1-(2-thienyl)-	154	C8H10OS	005333-83-5	53
2	1,2-Propanedione, 1-(2-thienyl)-	154	C7H6O2S	013678-69-8	52
3	4-Butyl-5-methylpyrazalone	154	C8H14N2O	1000289-28-0	50
4	Octanenitrile, 6-amino-	140	C8H16N2	061233-50-9	43
5	Thiophene, 2-methyl-5-propyl-	140	C8H12S	033933-73-2	38





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Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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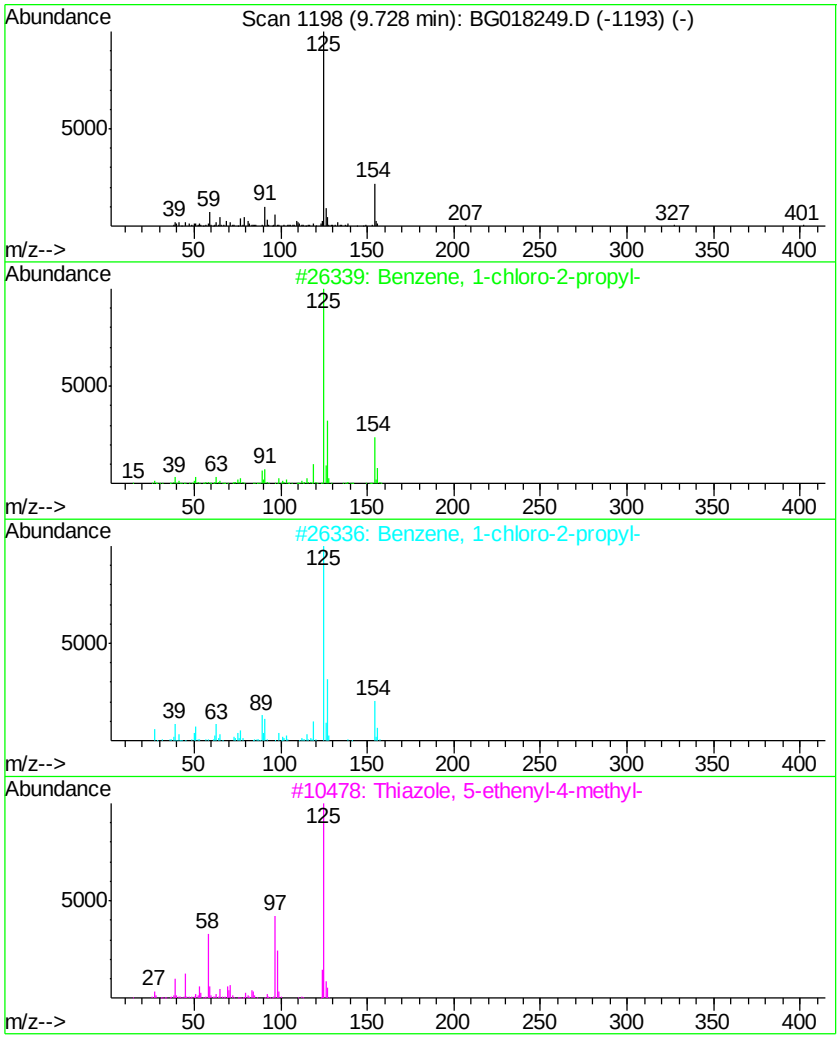
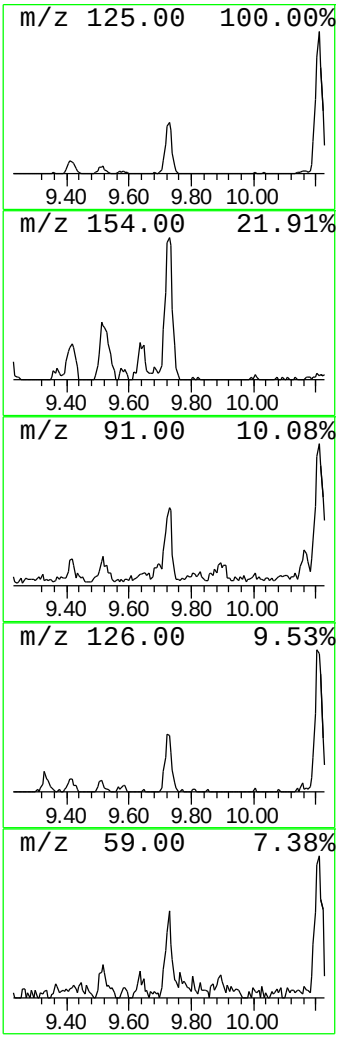
Peak Number 14 Benzene, 1-chloro-2-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	5.96 ng/ul	149642	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-propyl-	154	C9H11Cl	001730-86-5	72
2	Benzene, 1-chloro-2-propyl-	154	C9H11Cl	001730-86-5	72
3	Thiazole, 5-ethenyl-4-methyl-	125	C6H7NS	001759-28-0	58
4	1-Propanone, 1-(5-methyl-2-thien...	154	C8H10OS	059303-13-8	50
5	Thiophene, 2-ethyl-5-propyl-	154	C9H14S	054244-74-5	50





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Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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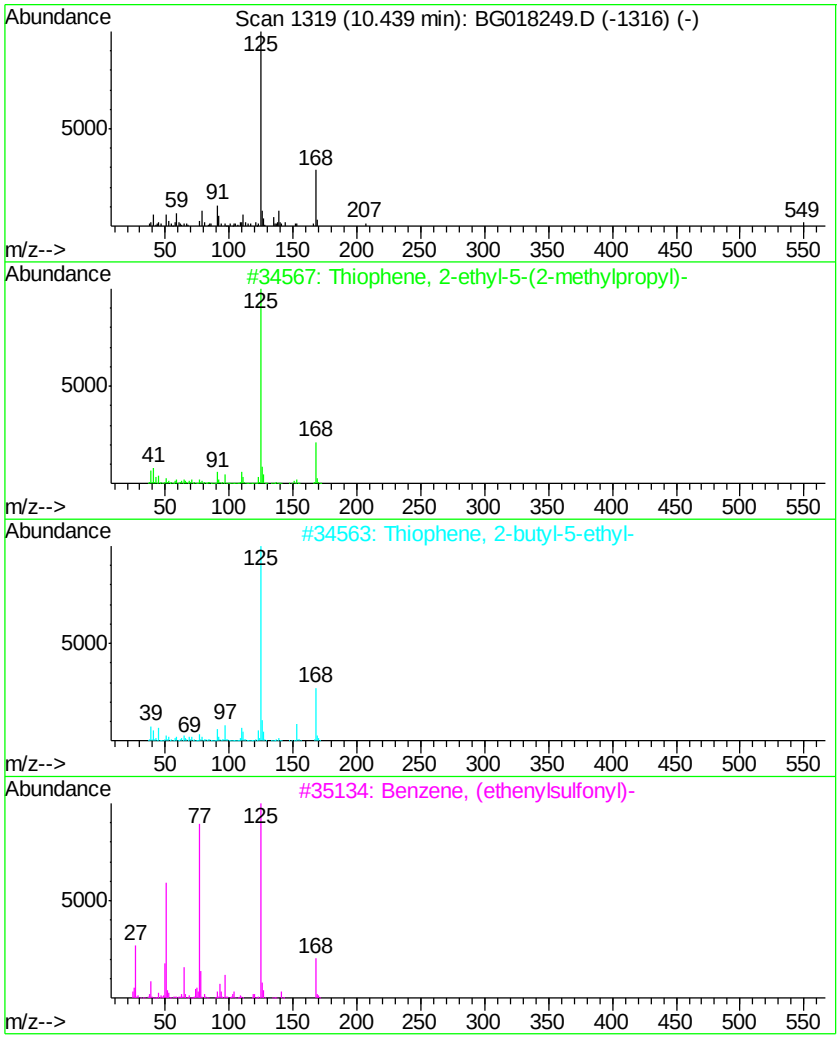
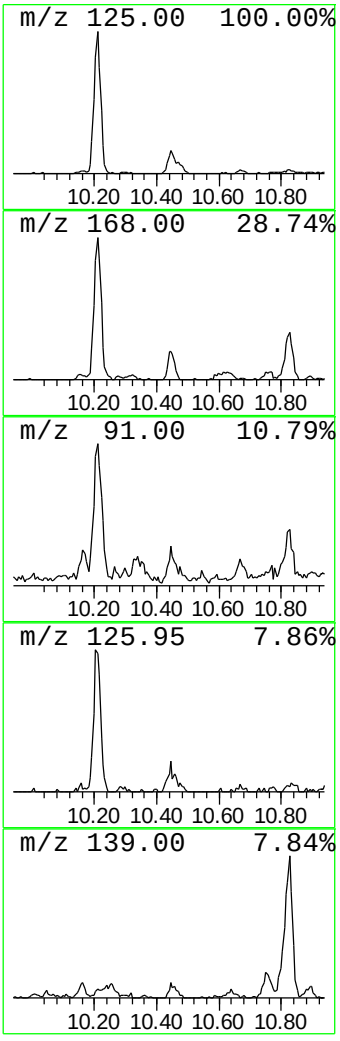
Peak Number 15 Thiophene, 2-ethyl-5-(2-met... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	2.44 ng/ul	61199	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-5-(2-methylpr...	168	C10H16S	054411-05-1	72
2	Thiophene, 2-butyl-5-ethyl-	168	C10H16S	054411-06-2	64
3	Benzene, (ethenylsulfonyl)-	168	C8H8O2S	005535-48-8	45
4	Benzene, (ethenylsulfonyl)-	168	C8H8O2S	005535-48-8	45
5	Naphthalene, decahydro-1,4-dimet...	198	C12H22O2	041766-63-6	43





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Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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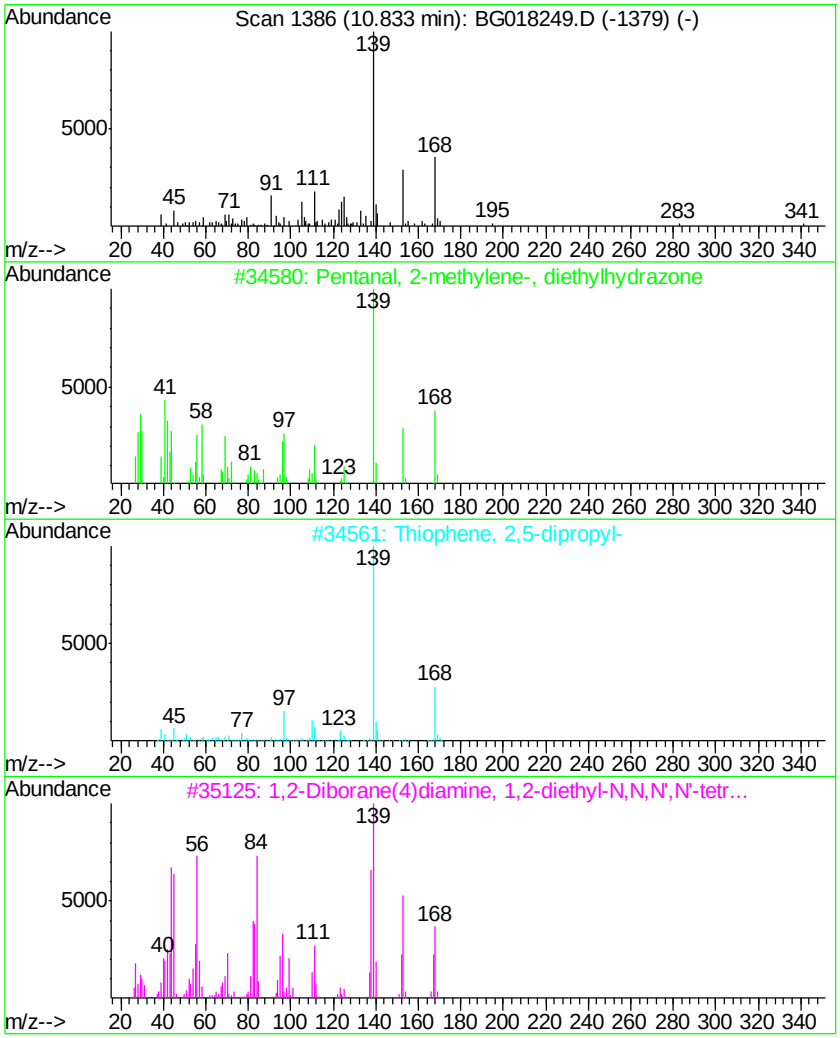
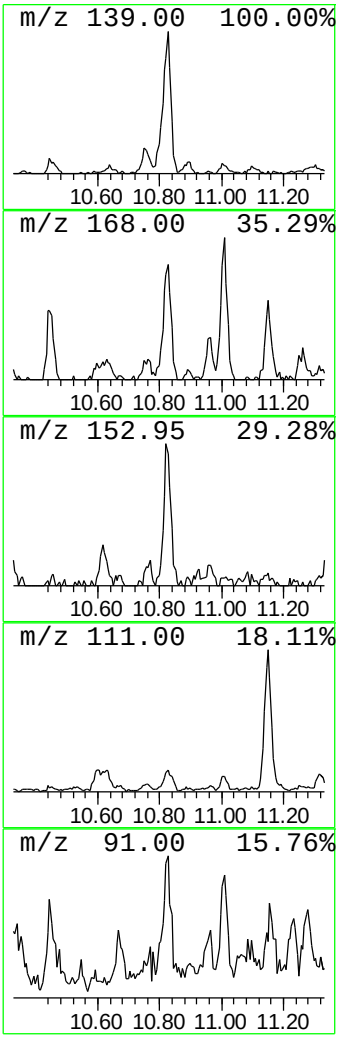
Peak Number 16 Pentanal, 2-methylene-, die... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	5.58 ng/ul	140103	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal, 2-methylene-, diethylh...	168	C10H20N2	025186-14-5	86
2	Thiophene, 2,5-dipropyl-	168	C10H16S	054411-07-3	58
3	1,2-Diborane(4)diamine, 1,2-diet...	168	C8H22B2N2	019162-23-3	43
4	Glycine, N-(4-chlorobenzoyl)-, e...	241	C11H12ClNO3	039735-52-9	42
5	3,4-Difluorobenzonitrile	139	C7H3F2N	064248-62-0	38





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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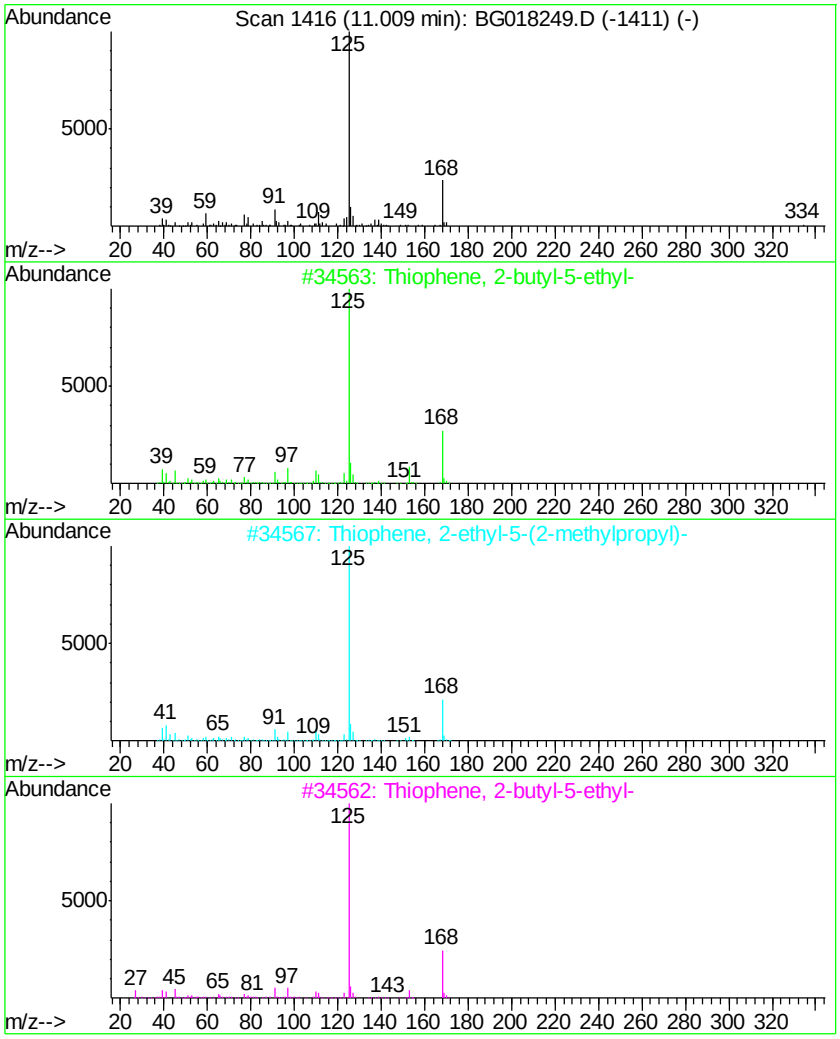
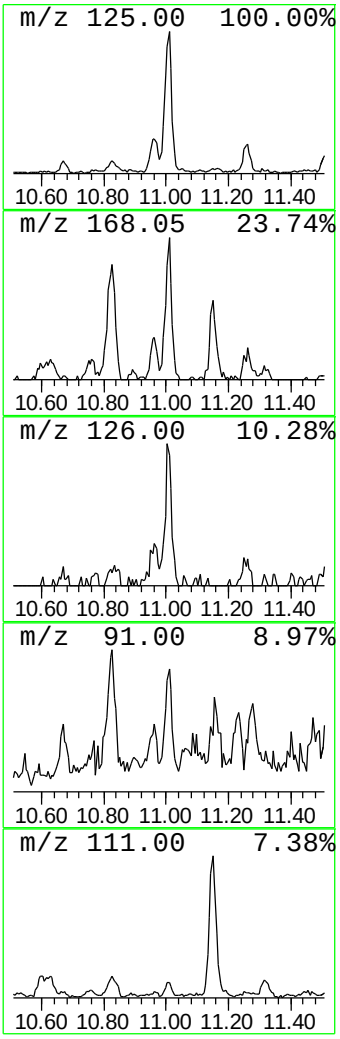
Peak Number 17 Thiophene, 2-butyl-5-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	4.75 ng/ul	119258	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-butyl-5-ethyl-	168	C10H16S	054411-06-2	90
2	Thiophene, 2-ethyl-5-(2-methylpr...	168	C10H16S	054411-05-1	86
3	Thiophene, 2-butyl-5-ethyl-	168	C10H16S	054411-06-2	72
4	Pyrimidine, 2,4,5-triamino-	125	C4H7N5	003546-50-7	50
5	2,4-Diamino-6-methyl-1,3,5-triazine	125	C4H7N5	000542-02-9	47





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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

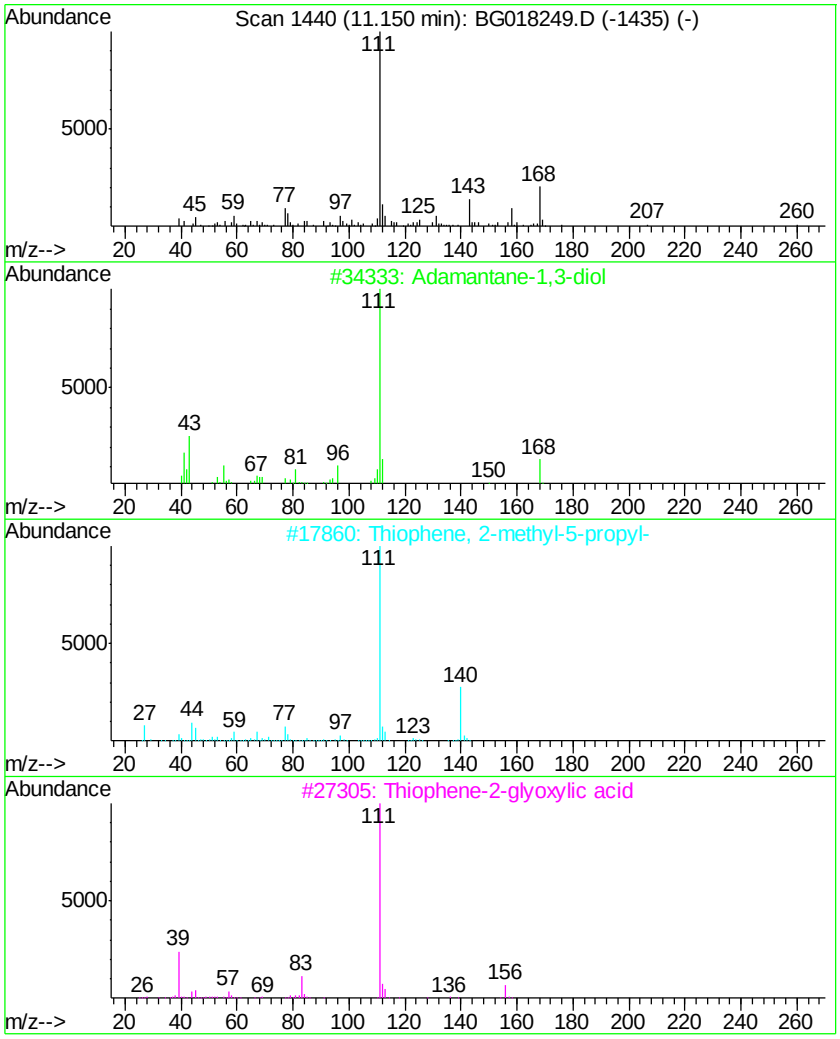
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

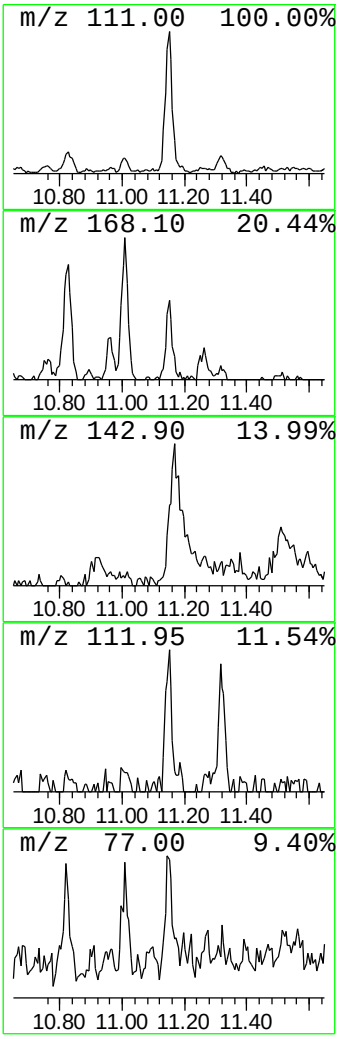
****

Peak Number 18 Adamantane-1,3-diol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	7.19 ng/ul	180575	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1,3-diol	168	C10H16O2	005001-18-3	53
2	Thiophene, 2-methyl-5-propyl-	140	C8H12S	033933-73-2	50
3	Thiophene-2-glyoxylic acid	156	C6H4O3S	004075-59-6	47
4	2(5H)-Furanone, 5-(diethylamino)...	183	C10H17NO2	089945-60-8	45
5	Cyclopropyl 2-thienyl ketone	152	C8H8OS	006193-47-1	43





Library Search Compound Report

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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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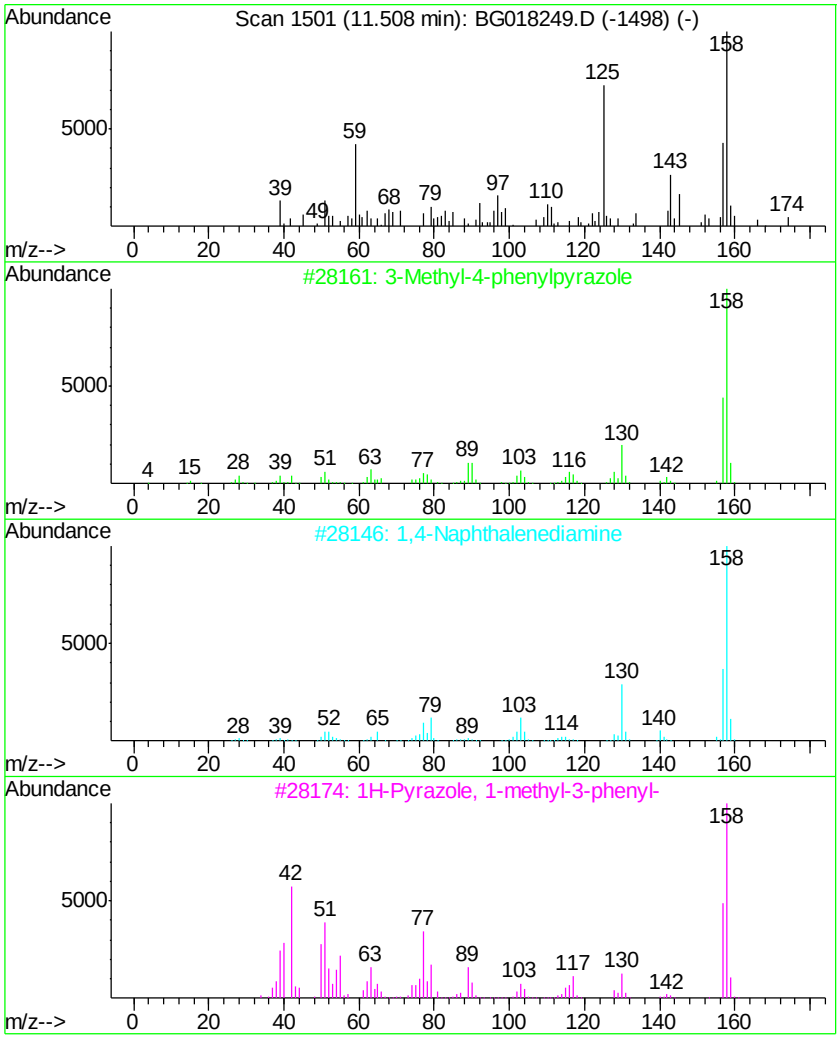
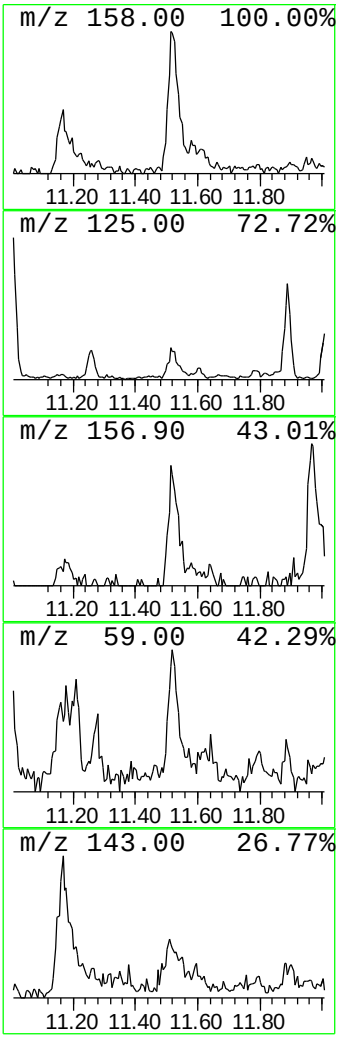
Peak Number 19 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	2.59 ng/ul	65065	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-phenylpyrazole	158	C10H10N2	013788-84-6	38
2	1,4-Naphthalenediamine	158	C10H10N2	002243-61-0	35
3	1H-Pyrazole, 1-methyl-3-phenyl-	158	C10H10N2	003463-26-1	35
4	Pyridine, 3-(1-methyl-1H-pyrrol-...	158	C10H10N2	000487-19-4	32
5	1,8-Naphthyridine, 2,7-dimethyl-	158	C10H10N2	014903-78-7	27





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Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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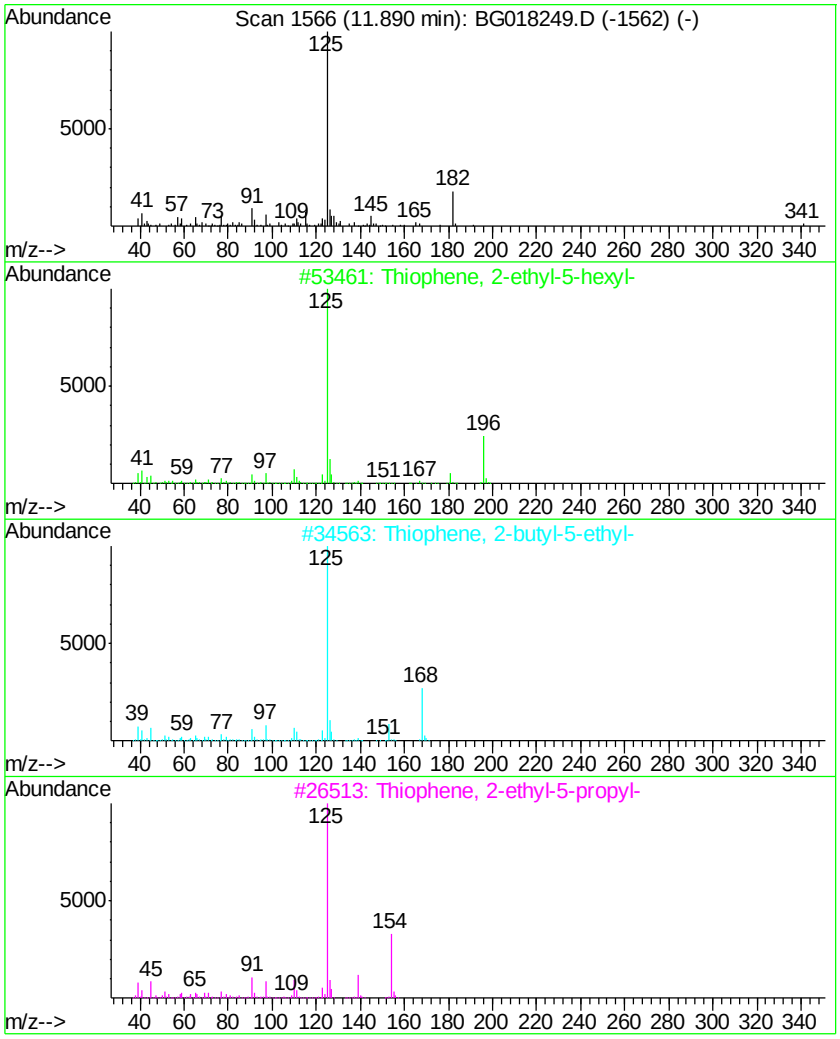
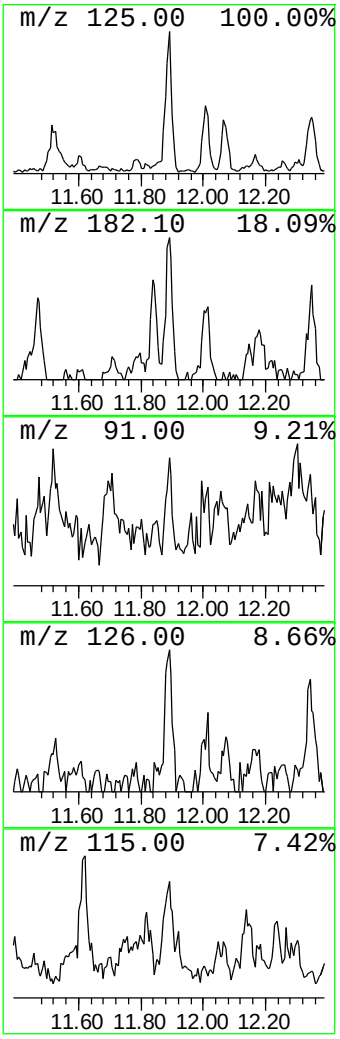
Peak Number 20 Thiophene, 2-ethyl-5-hexyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.02 ng/ul	101008	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-5-hexyl-	196	C12H20S	042908-64-5	64
2	Thiophene, 2-butyl-5-ethyl-	168	C10H16S	054411-06-2	64
3	Thiophene, 2-ethyl-5-propyl-	154	C9H14S	054244-74-5	64
4	Thiophene, 2-ethyl-5-(2-methylpr...	168	C10H16S	054411-05-1	64
5	2,4-Diamino-6-methyl-1,3,5-triazine	125	C4H7N5	000542-02-9	50





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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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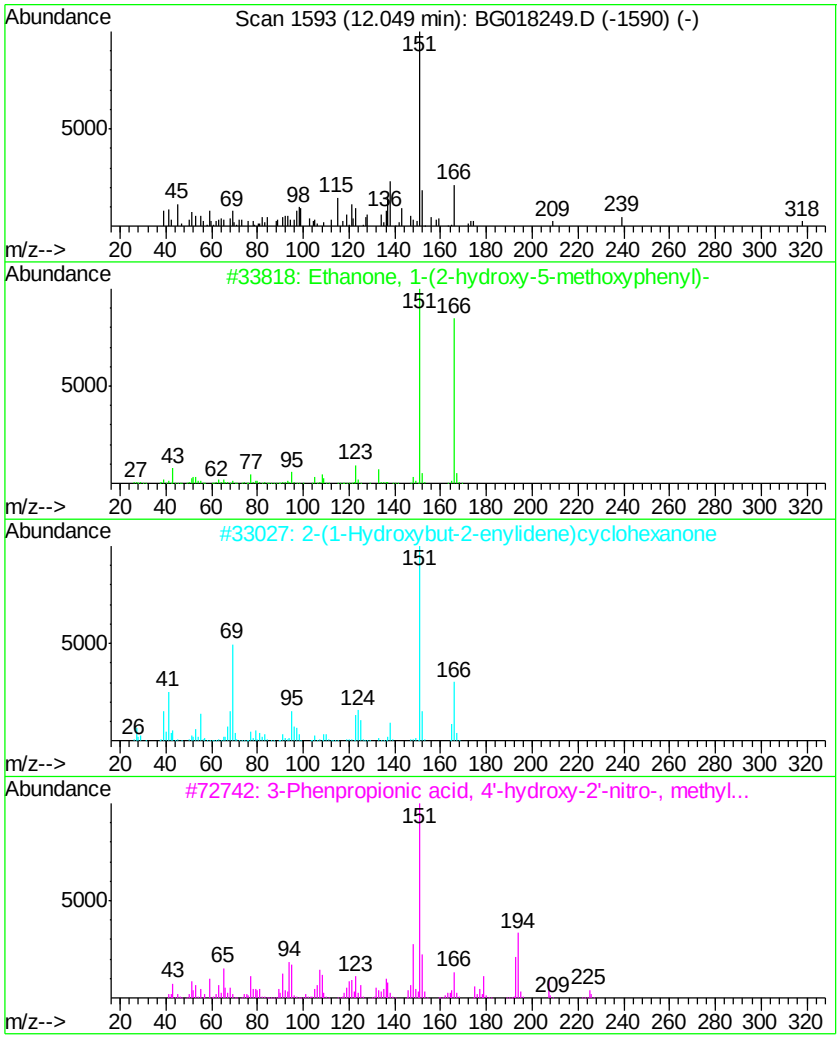
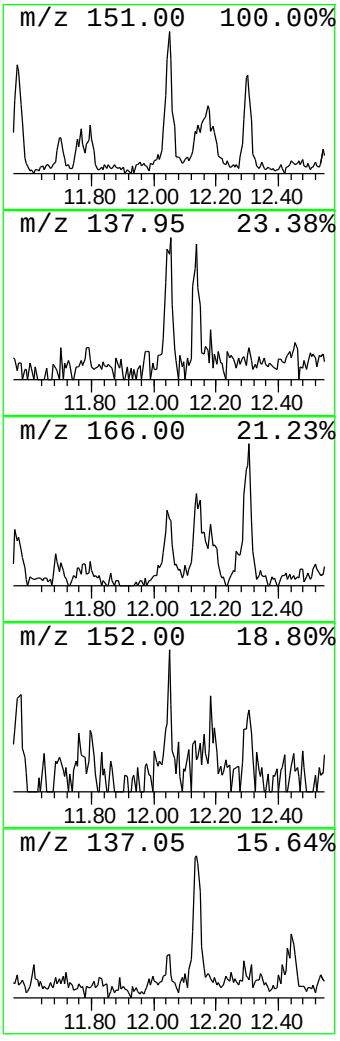
Peak Number 21 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.97 ng/ul	74495	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxy-5-methoxy...	166	C9H10O3	000705-15-7	49
2	2-(1-Hydroxybut-2-enylidene)cycl...	166	C10H14O2	1000186-18-9	40
3	3-Phenpropionic acid, 4'-hydroxy...	225	C10H11NO5	1000128-48-7	40
4	RCH 108	151	C7H5NO3	002297-94-1	38
5	1H-Imidazo[4,5-b]pyridine-2-thiol	151	C6H5N3S	029448-81-5	38





Library Search Compound Report

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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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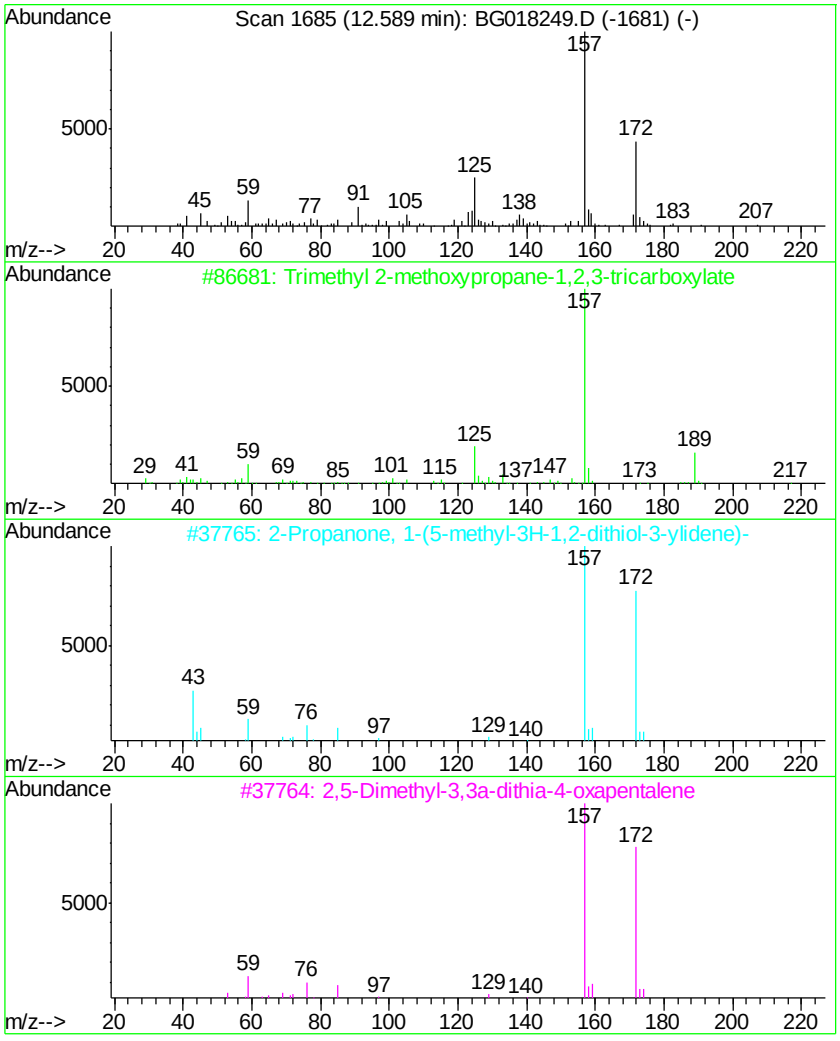
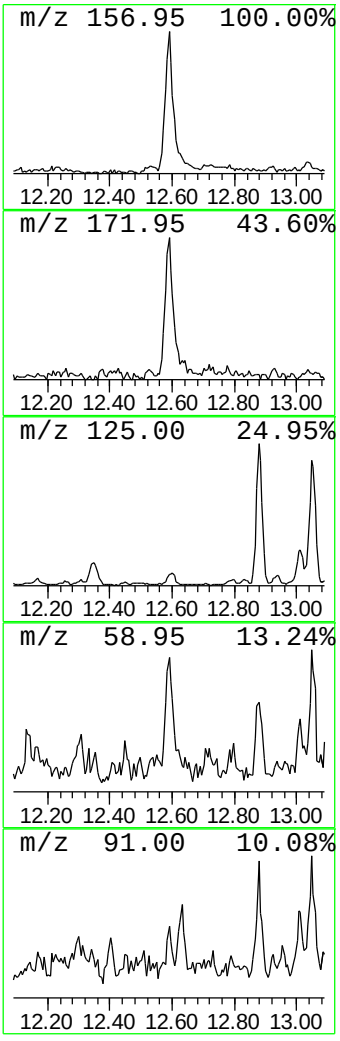
Peak Number 22 Trimethyl 2-methoxypropane-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	3.41 ng/ul	93361	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethyl 2-methoxypropane-1,2,3...	248	C10H16O7	1000110-15-7	50
2	2-Propanone, 1-(5-methyl-3H-1,2-...	172	C7H8OS2	001005-55-6	43
3	2,5-Dimethyl-3,3a-dithia-4-oxape...	172	C7H8OS2	031199-80-1	43
4	Naphthalene, 1,2-dihydro-1,1,6-t...	172	C13H16	030364-38-6	42
5	Pyrimidine, 2-methylthio-4-hydro...	157	C5H7N3OS	001074-41-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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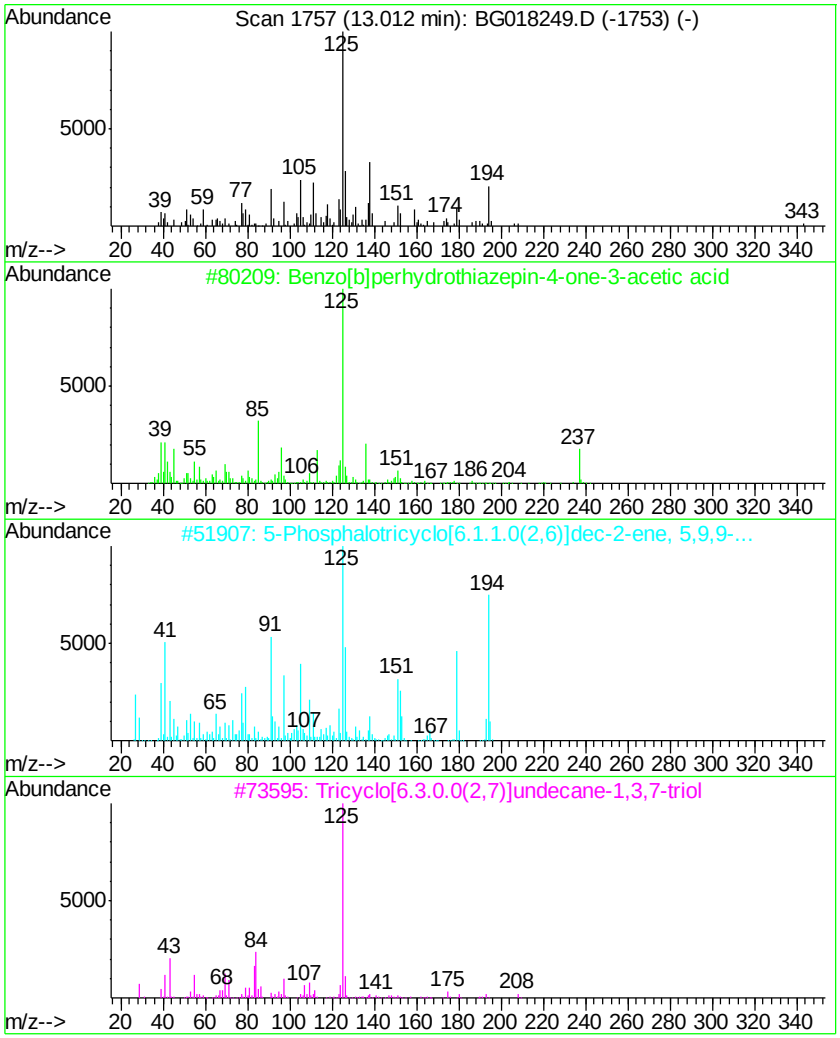
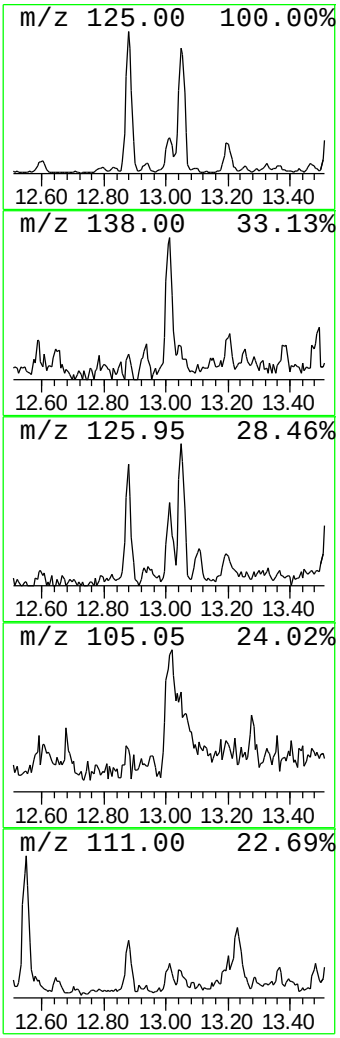
Peak Number 24 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	3.20 ng/ul	87496	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]perhydrothiazepin-4-one-...	237	C11H11NO3S	017547-79-4	23
2	5-Phosphalotricyclo[6.1.1.0(2,6)...	194	C12H19P	1000151-16-7	22
3	Tricyclo[6.3.0.0(2,7)]undecane-1...	226	C13H22O3	1000160-97-1	17
4	2,3-Dimethyl-5-(2,6,10-trimethyl...	308	C20H36S	1000245-55-6	17
5	Benzenethiol, 2-amino-	125	C6H7NS	000137-07-5	16





Library Search Compound Report

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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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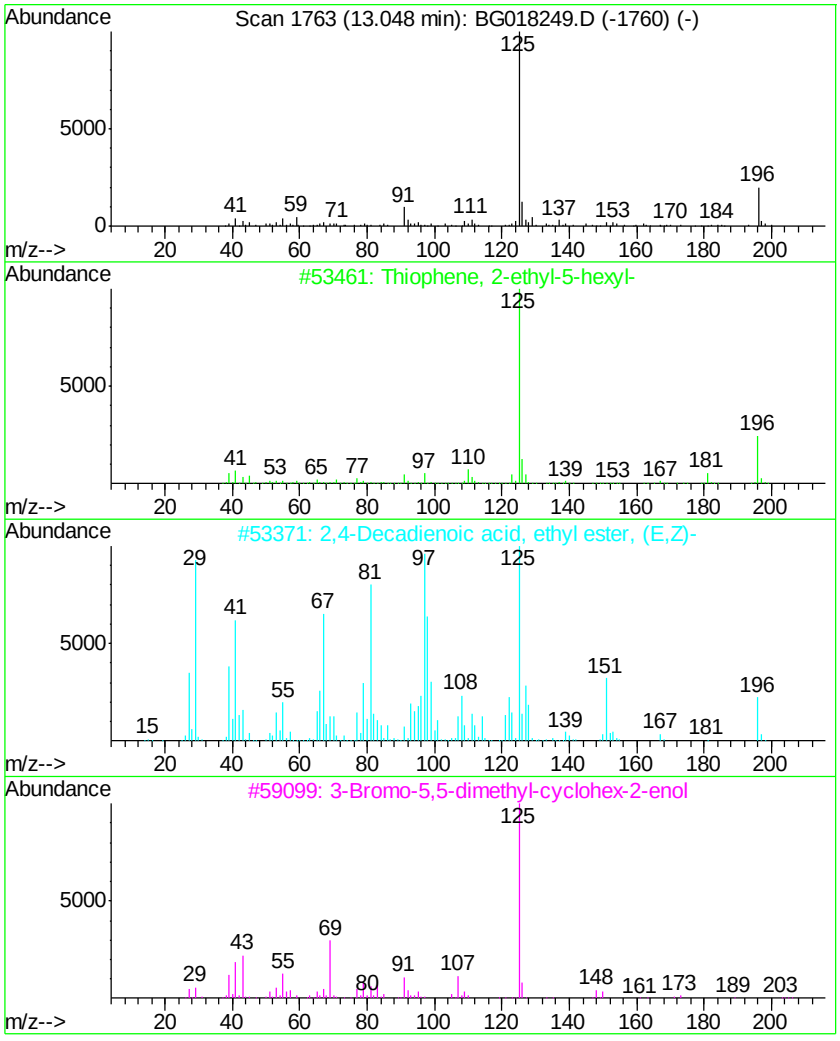
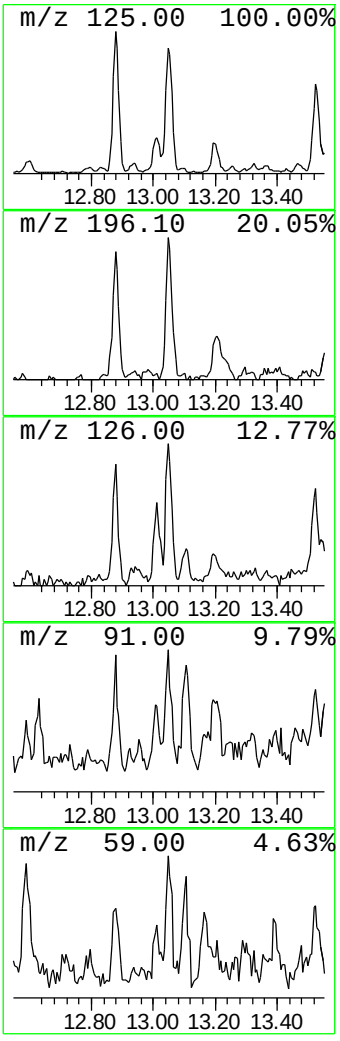
Peak Number 25 2,4-Decadienoic acid, ethyl... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	5.65 ng/ul	154364	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-5-hexyl-	196	C12H20S	042908-64-5	86
2	2,4-Decadienoic acid, ethyl este...	196	C12H20O2	003025-30-7	59
3	3-Bromo-5,5-dimethyl-cyclohex-2-...	204	C8H13BrO	331941-93-6	40
4	2-Butyne-1,4-diamine, N,N,N',N'-...	196	C12H24N2	000105-18-0	37
5	4-Aminothiophenol	125	C6H7NS	001193-02-8	28





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Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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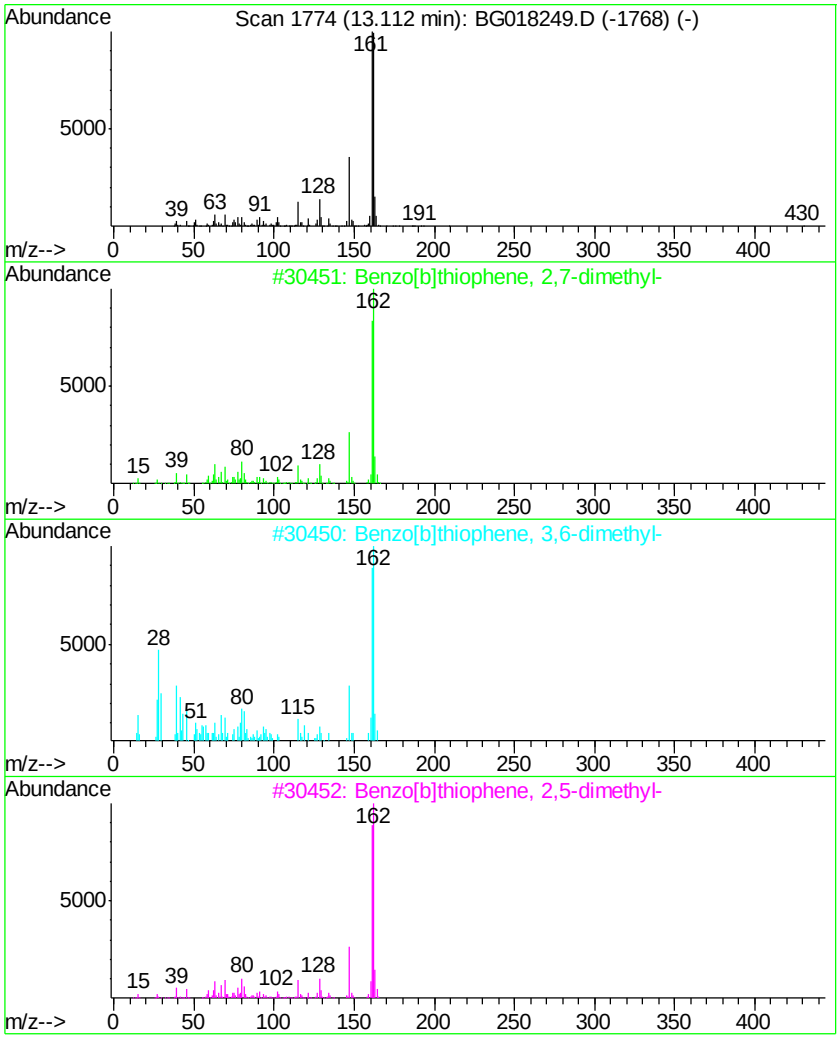
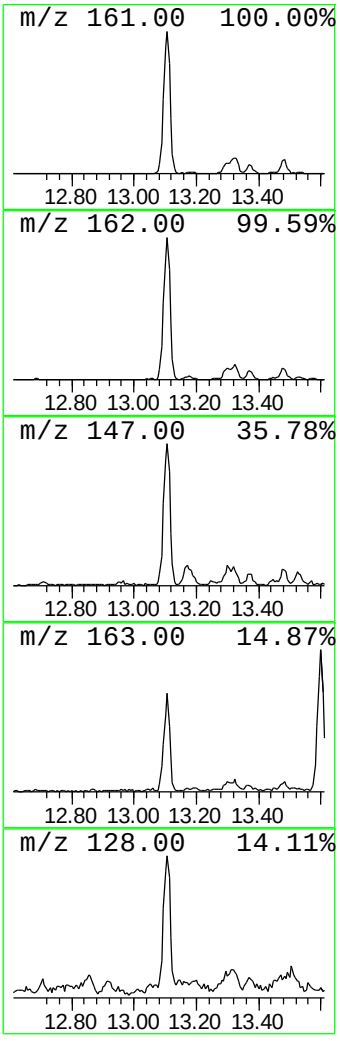
Peak Number 26 Benzo[b]thiophene, 2,7-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	24.22 ng/ul	662330	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,7-dimethyl-	162	C10H10S	016587-40-9	94
2	Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	90
3	Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	87
4	5,8-Dimethyl-1,2,3,4-tetrahydroq...	162	C10H14N2	066102-39-4	45
5	Anisole, p-(1-ethylvinyl)-	162	C11H14O	021758-19-0	38





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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

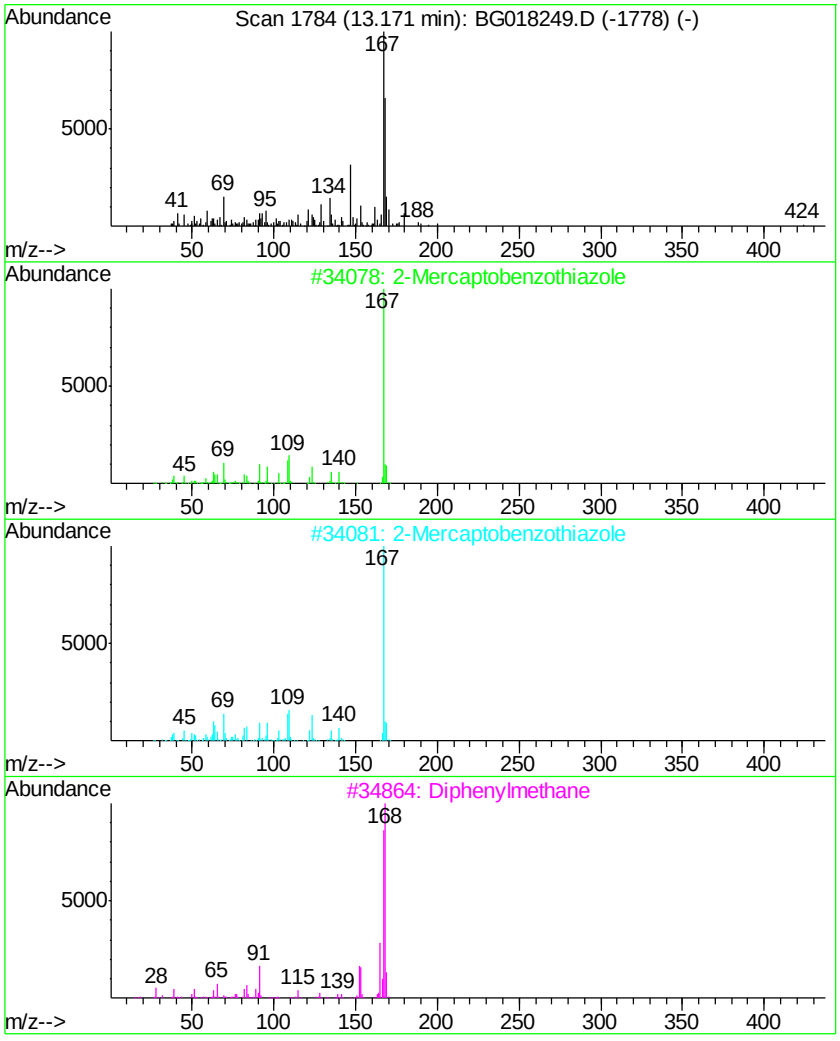
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

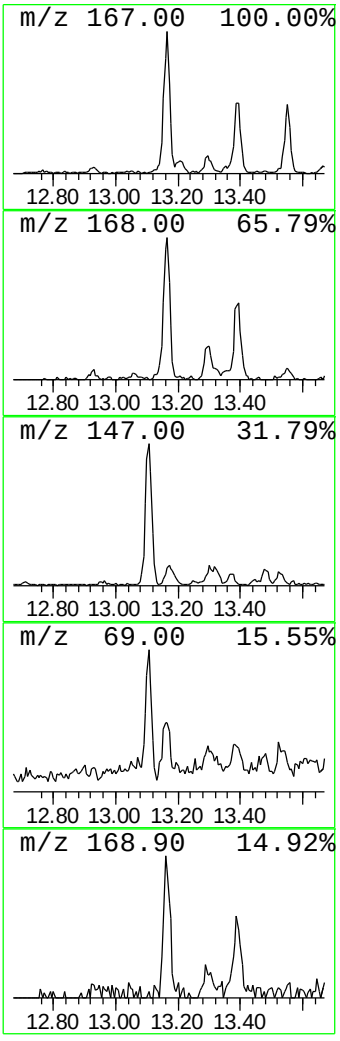
****

Peak Number 27 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	6.50 ng/ul	177734	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	47
2	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	47
3	Diphenylmethane	168	C13H12	000101-81-5	46
4	2',4'-Dihydroxyacetophenone oxime	167	C8H9NO3	1000212-89-5	43
5	2,4-Hexadienedioic acid, 3-methy...	226	C12H18O4	069796-13-0	43





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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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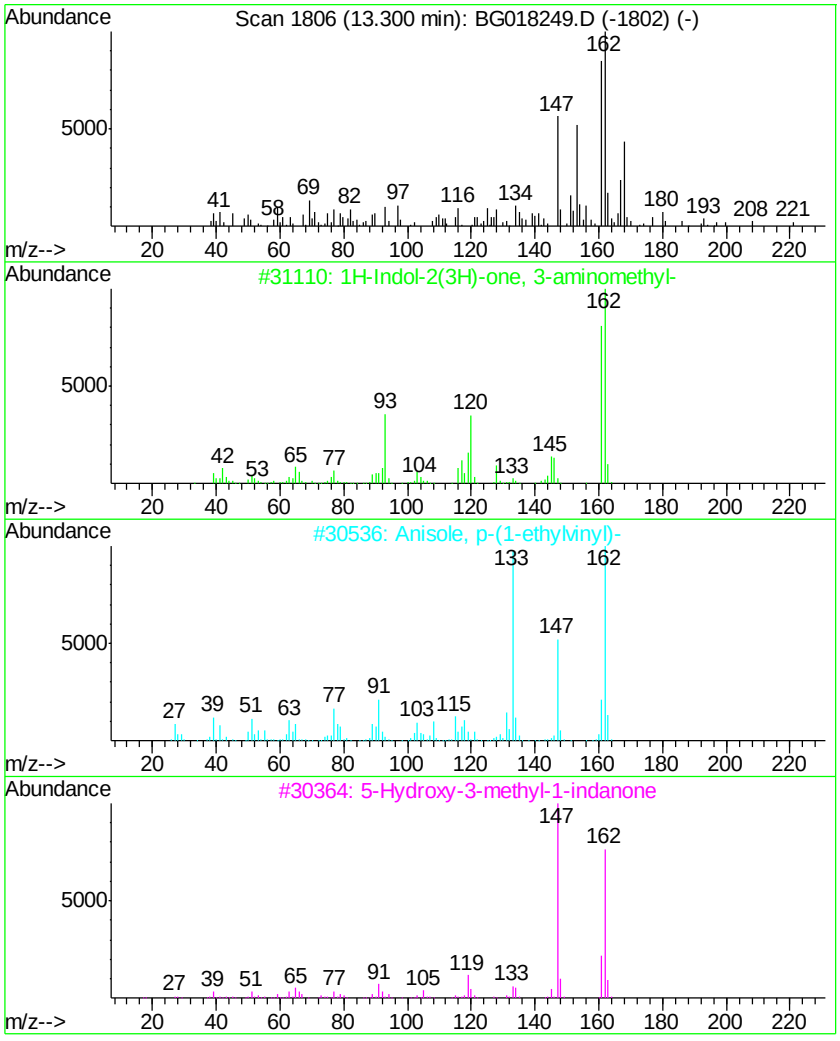
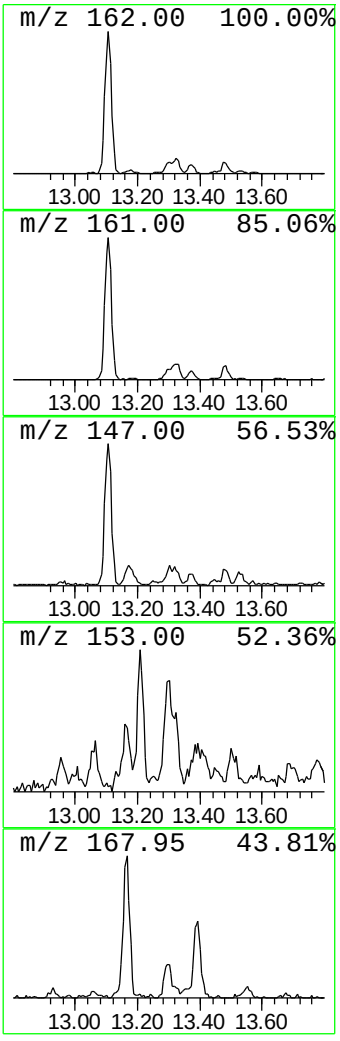
Peak Number 28 unknown-05 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.57 ng/ul	97722	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indol-2(3H)-one, 3-aminomethyl-	162	C9H10N2O	1000262-27-9	38
2	Anisole, p-(1-ethylvinyl)-	162	C11H14O	021758-19-0	35
3	5-Hydroxy-3-methyl-1-indanone	162	C10H10O2	057878-30-5	35
4	Benzo[b]thiophene, 2-ethyl-	162	C10H10S	001196-81-2	30
5	Phenol, 4-(3-methyl-2-butenyl)-	162	C11H14O	001200-09-5	27





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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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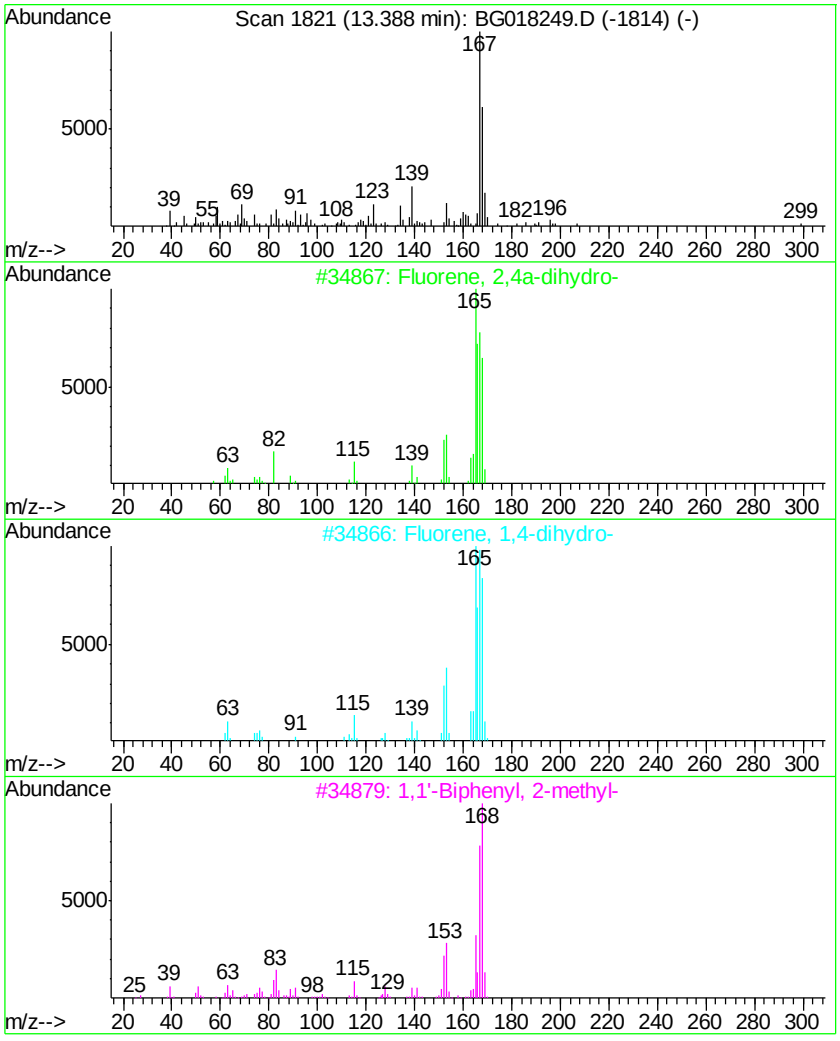
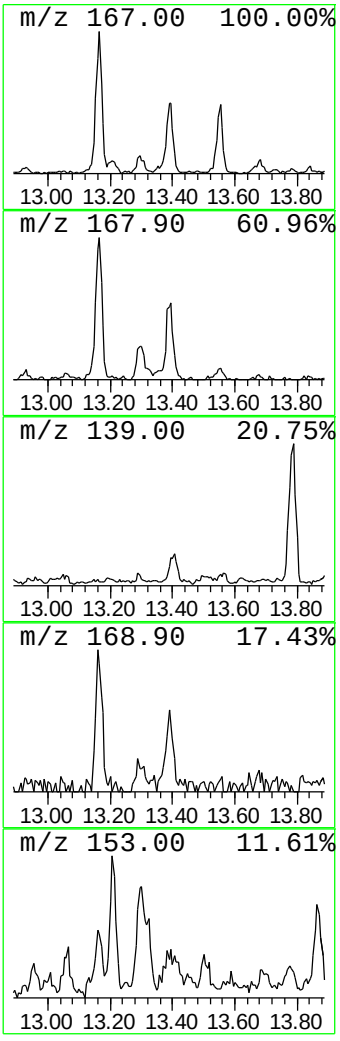
Peak Number 29 Fluorene, 2,4a-dihydro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	5.42 ng/ul	148177	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	59
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	59
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
5	Diphenylmethane	168	C13H12	000101-81-5	43





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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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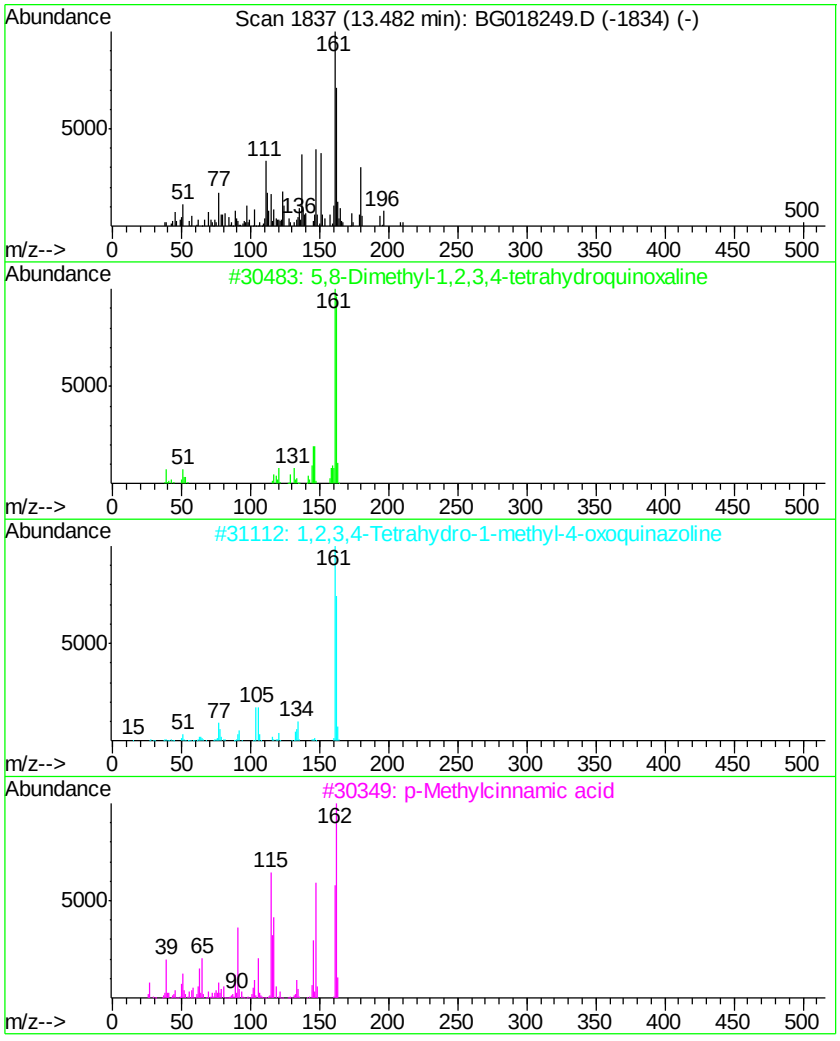
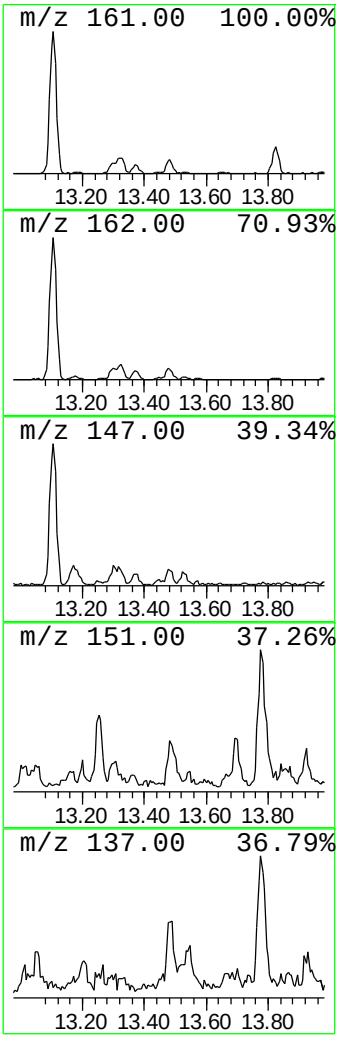
Peak Number 30 unknown-06 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.95 ng/ul	80638	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8-Dimethyl-1,2,3,4-tetrahydroq...	162	C10H14N2	066102-39-4	38
2	1,2,3,4-Tetrahydro-1-methyl-4-ox...	162	C9H10N2O	035042-16-1	38
3	p-Methylcinnamic acid	162	C10H10O2	001866-39-3	35
4	3-Methylcinnamic acid	162	C10H10O2	003029-79-6	35
5	4-Piperidinopyridine	162	C10H14N2	002767-90-0	35





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Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

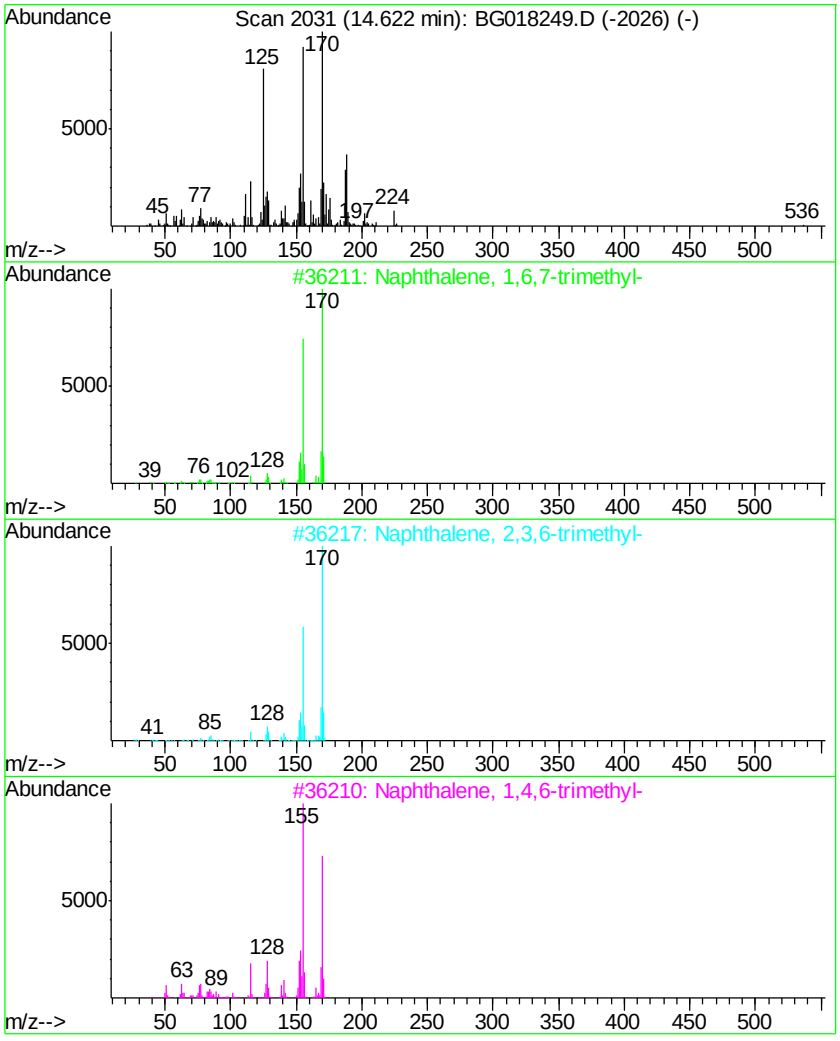
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

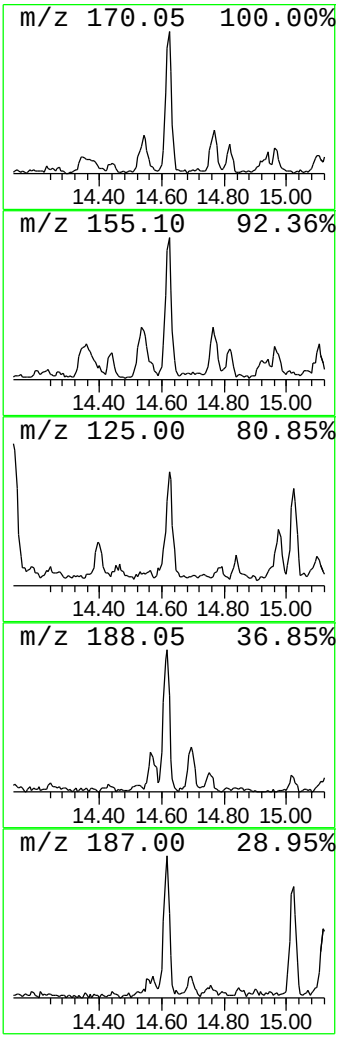
****

Peak Number 31 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	12.72 ng/ul	347811	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	87
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

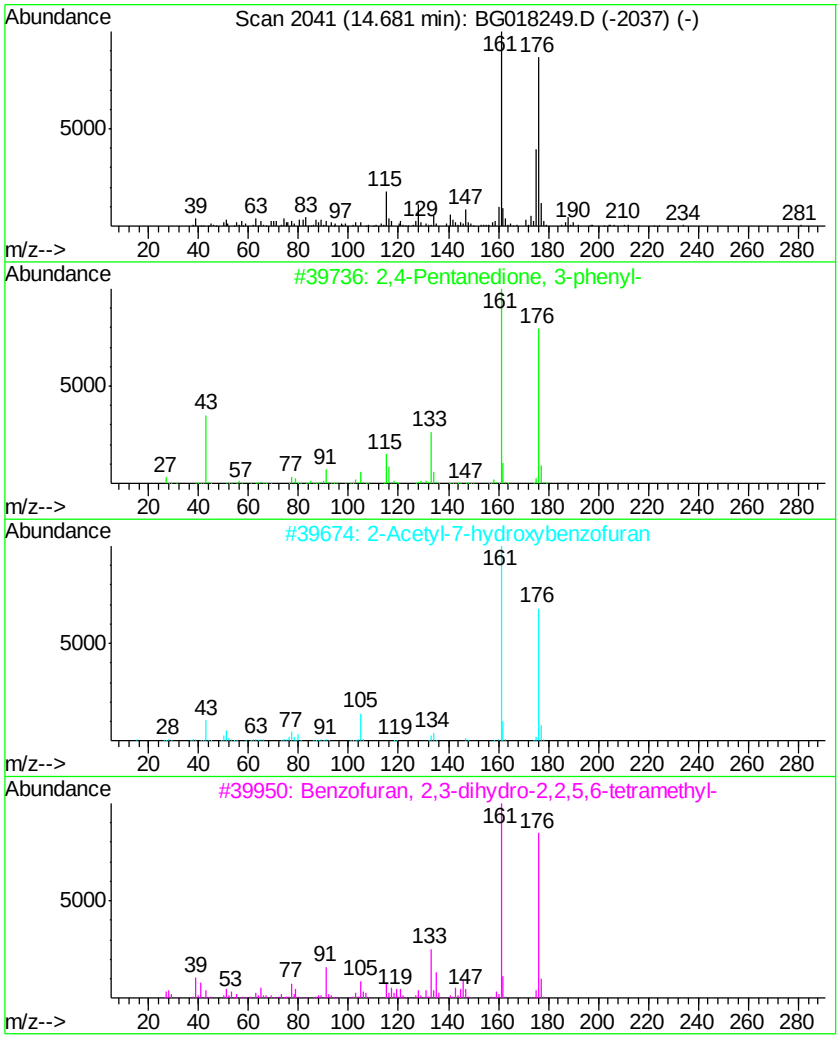
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

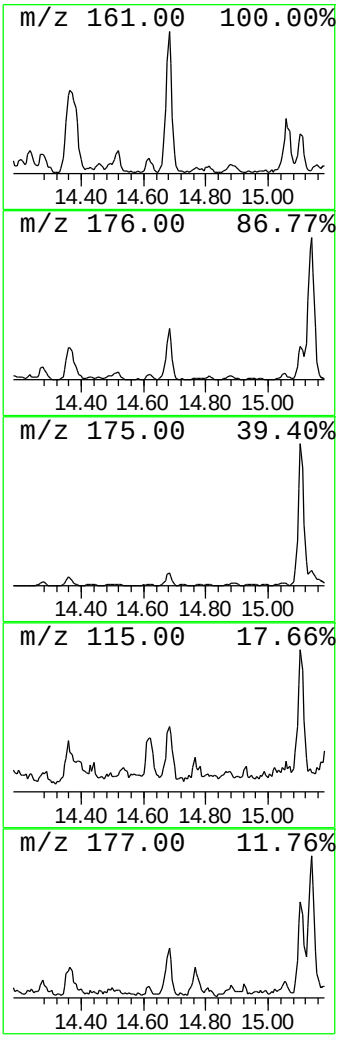
****

Peak Number 32 2,4-Pentanedione, 3-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	10.42 ng/ul	284886	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Pentanedione, 3-phenyl-	176	C11H12O2	005910-25-8	62
2	2-Acetyl-7-hydroxybenzofuran	176	C10H8O3	040020-87-9	58
3	Benzofuran, 2,3-dihydro-2,2,5,6-...	176	C12H16O	063577-97-9	58
4	Benzofuran, 2,3-dihydro-2,2,4,6-...	176	C12H16O	003698-49-5	53
5	p-n-Butylacetophenone	176	C12H16O	037920-25-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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
Sorbic Acid	5.12	2.3	ng/ul	21762	1	7.45	190649	20.0
Thiophene, 2-ethy...	6.57	13.6	ng/ul	129912	1	7.45	190649	20.0
2-Cyclopenten-1-o...	6.90	6.8	ng/ul	64908	1	7.45	190649	20.0
1,2-Benzenediol, ...	7.10	2.6	ng/ul	24815	1	7.45	190649	20.0
Thiazole, 2-amino...	7.88	2.0	ng/ul	19201	1	7.45	190649	20.0
Thiophene, 3,4-di...	8.02	8.8	ng/ul	83455	1	7.45	190649	20.0
2,3,4,5-Tetrameth...	8.35	7.1	ng/ul	67603	1	7.45	190649	20.0
Benzene, 4-ethyl-...	8.46	3.0	ng/ul	28893	1	7.45	190649	20.0
Thiophene, 2-(2-b...	8.81	6.7	ng/ul	63461	1	7.45	190649	20.0
Thiophene, 2-ethy...	8.84	10.3	ng/ul	98191	1	7.45	190649	20.0
3-Acetyl-2,5-dime...	9.52	3.3	ng/ul	83850	2	10.24	501979	20.0
1-Butanone, 1-(2-...	9.64	2.4	ng/ul	60725	2	10.24	501979	20.0
Benzene, 1-chloro...	9.73	6.0	ng/ul	149642	2	10.24	501979	20.0
Thiophene, 2-ethy...	10.44	2.4	ng/ul	61199	2	10.24	501979	20.0
Pentanal, 2-methy...	10.83	5.6	ng/ul	140103	2	10.24	501979	20.0
Thiophene, 2-buty...	11.01	4.8	ng/ul	119258	2	10.24	501979	20.0
Adamantane-1,3-diol	11.15	7.2	ng/ul	180575	2	10.24	501979	20.0
unknown-01	11.51	2.6	ng/ul	65065	2	10.24	501979	20.0
Thiophene, 2-ethy...	11.89	4.0	ng/ul	101008	2	10.24	501979	20.0
unknown-02	12.05	3.0	ng/ul	74495	2	10.24	501979	20.0
Trimethyl 2-metho...	12.59	3.4	ng/ul	93361	3	14.13	546904	20.0
unknown-03	13.01	3.2	ng/ul	87496	3	14.13	546904	20.0
2,4-Decadienoic a...	13.05	5.7	ng/ul	154364	3	14.13	546904	20.0
Benzo[b]thiophene...	13.11	24.2	ng/ul	662330	3	14.13	546904	20.0
unknown-04	13.17	6.5	ng/ul	177734	3	14.13	546904	20.0
unknown-05	13.30	3.6	ng/ul	97722	3	14.13	546904	20.0
Fluorene, 2,4a-di...	13.39	5.4	ng/ul	148177	3	14.13	546904	20.0
unknown-06	13.48	3.0	ng/ul	80638	3	14.13	546904	20.0
Naphthalene, 1,6,...	14.62	12.7	ng/ul	347811	3	14.13	546904	20.0
2,4-Pentanedione,...	14.68	10.4	ng/ul	284886	3	14.13	546904	20.0