LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

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-BG091015.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	3.180	52	58	71	rVV	445360	612419	27.75%	1.661%
2	5.318	416	422	432	rVV	215117	351918	15.95%	0.954%
3	5.442	434	443	450	rVV	487858	724338	32.82%	1.964%
4	5.512	450	455	459	rVV	115324	204452	9.26%	0.554%
5	5.559	459	463	473	rVV	71935	137957	6.25%	0.374%
6	5.665	473	481	487	rVV2	47115	88090	3.99%	0.239%
7	5.935	520	527	534	rVV	779431	1254565	56.85%	3.402%
8	6.012	534	540	551	rVB	181559	288373	13.07%	0.782%
9	6.270	574	584	593	rVB	47194	91364	4.14%	0.248%
10	7.146	728	733	740	rBV4	76838	159131	7.21%	0.431%
11	7.222	740	746	757	rVB	318864	498484	22.59%	1.352%
12	7.322	757	763	769	rBV2	73930	123524	5.60%	0.335%
13	7.416	769	779	787	rBV2	579789	1233855	55.91%	3.346%
14	7.557	793	803	810	rBV4	202288	446383	20.23%	1.210%
15	7.651	810	819	826	rVB2	112134	222321	10.07%	0.603%
16	8.003	869	879	883	rBV	177363	339126	15.37%	0.920%
17	8.092	888	894	909	rVB	488534	850174	38.53%	2.305%
18	8.262	913	923	932	rBV5	63717	198232	8.98%	0.538%
19	8.356	933	939	946	rBV2	461786	915790	41.50%	2.483%
20	8.426	946	951	958	rVB	1363727	2206795	100.00%	5.984%
21	8.544	966	971	976	rVB	309501	453951	20.57%	1.231%
22	8.638	976	987	992	rBV3	188710	401584	18.20%	1.089%
23	8.703	992	998	1005	rVB7	90673	219013	9.92%	0.594%
24	8.808	1007	1016	1020	rBV3	54519	119654	5.42%	0.324%
25	8.961	1033	1042	1044	rBV	154029	338675	15.35%	0.918%
26	9.108	1054	1067	1073	rBV	302870	682002	30.90%	1.849%
27	9.161	1073	1076	1079	rVV	63897	102601	4.65%	0.278%
28	9.202	1079	1083	1093	rVB7	61343	191535	8.68%	0.519%
29	9.443	1117	1124	1126	rVV2	72484	156552	7.09%	0.425%
30	9.496	1126	1133	1141	rVB	163321	380500	17.24%	1.032%
31	9.631	1150	1156	1161	rBV	222148	384256	17.41%	1.042%
32	9.690	1161	1166	1172	rVV	292743	470282	21.31%	1.275%
33	9.884	1192	1199	1207	rBV3	102156	243254	11.02%	0.660%
34	10.207	1241	1254	1261	rBV3	381220	837978	37.97%	2.272%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

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-BG091015.M
Title : SVOA CALIBRATION

35	10.271	1261	1265	1271	rVV5	46286	90909	4.12%	0.247%
36	10.354	1271	1279	1286	rVV6	128063	330307	14.97%	0.896%
37	10.430	1286	1292	1298	rVV3	167521	360734	16.35%	0.978%
38	10.489	1298	1302	1308	rVV4	118748	269085	12.19%	0.730%
39	10.542	1308	1311	1315	rVV5	53827	95707	4.34%	0.260%
40	10.612	1318	1323	1328	rVB	152048	265319	12.02%	0.719%
41	10.671	1328	1333	1339	rBV5	39881	81375	3.69%	0.221%
42	10.806	1347	1356	1360	rVV	247453	465814	21.11%	1.263%
43	10.859	1360	1365	1372	rVB2	166043	351189	15.91%	0.952%
44	11.006	1377	1390	1397	rBV3	157603	392679	17.79%	1.065%
45	11.117	1406	1409	1419	rVV7	69595	181594	8.23%	0.492%
46	11.200	1419	1423	1429	rVB5	44666	81705	3.70%	0.222%
47	11.288	1430	1438	1445	rVB4	56176	165017	7.48%	0.447%
48	11.452	1459	1466	1475	rVB2	141128	307278	13.92%	0.833%
49	11.540	1476	1481	1487	rVB2	87268	153000	6.93%	0.415%
50	11.617	1487	1494	1499	rBV	174922	313859	14.22%	0.851%
51	11.805	1521	1526	1531	rVV5	74637	128192	5.81%	0.348%
52	11.893	1531	1541	1542	rVV3	113711	290379	13.16%	0.787%
53	11.922	1542	1546	1552	rVB	309441	478880	21.70%	1.299%
54	12.052	1562	1568	1575	rVB	137021	264464	11.98%	0.717%
55	12.134	1576	1582	1586	rBV3	60122	121045	5.49%	0.328%
56	12.181	1586	1590	1598	rVB5	50636	107001	4.85%	0.290%
57	12.304	1607	1611	1616	rBV2	45636	86393	3.91%	0.234%
58	12.498	1639	1644	1650	rVV5	59195	154212	6.99%	0.418%
59	12.551	1650	1653	1659	rVB2	81883	124955	5.66%	0.339%
60	12.674	1668	1674	1678	rBV2	130827	210932	9.56%	0.572%
61	12.786	1687	1693	1699	rVV4	147218	315578	14.30%	0.856%
62	12.851	1701	1704	1709	rVB2	57637	88891	4.03%	0.241%
63	12.974	1721	1725	1733	rVV2	75182	159180	7.21%	0.432%
64	13.209	1760	1765	1770	rBV	225740	341692	15.48%	0.927%
65	13.650	1835	1840	1852	rBV	42456	140018	6.34%	0.380%
66	13.755	1852	1858	1862	rBV3	132222	259916	11.78%	0.705%
67	13.797	1862	1865	1869	rVB3	73794	102369	4.64%	0.278%
68	13.867	1872	1877	1885	rVB4	147945	264323	11.98%	0.717%
69	14.020	1896	1903	1912	rVB2	410170	962035	43.59%	2.609%
70	14.120	1915	1920	1924	rBV2	67716	127904	5.80%	0.347%
71	14.226	1933	1938	1942	rBV	145574	234971	10.65%	0.637%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

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-BG091015.M
Title : SVOA CALIBRATION

72	14.273	1942	1946	1950	rVV	148188	248577	11.26%	0.674%
73	14.325	1950	1955	1961	rVB	299432	481584	21.82%	1.306%
74	14.402	1961	1968	1972	rBV	205867	342801	15.53%	0.930%
75	14.631	2001	2007	2013	rVB2	463214	820273	37.17%	2.224%
76	14.813	2031	2038	2054	rVB6	148135	389906	17.67%	1.057%
77	14.942	2056	2060	2068	rVB2	88891	147110	6.67%	0.399%
78	15.213	2100	2106	2110	rBV2	50196	86248	3.91%	0.234%
79	15.324	2121	2125	2134	rVB	179597	300859	13.63%	0.816%
80	15.506	2150	2156	2157	rBV3	56082	98485	4.46%	0.267%
81	15.624	2170	2176	2183	rVB2	853828	1289986	58.46%	3.498%
82	15.730	2188	2194	2200	rVB4	96825	165201	7.49%	0.448%
83	16.018	2238	2243	2248	rVV	184136	288086	13.05%	0.781%
84	16.129	2258	2262	2270	rVB6	76270	138425	6.27%	0.375%
85	16.358	2296	2301	2312	rVB	176469	304282	13.79%	0.825%
86	16.452	2312	2317	2321	rBV	170009	250691	11.36%	0.680%
87	16.511	2321	2327	2333	rVV2	153075	337035	15.27%	0.914%
88	16.570	2333	2337	2341	rVV2	156346	253307	11.48%	0.687%
89	16.617	2341	2345	2350	rVV3	97903	163426	7.41%	0.443%
90	16.693	2355	2358	2361	rVV2	58603	108276	4.91%	0.294%
91	16.764	2365	2370	2378	rVV4	238140	459301	20.81%	1.245%
92	16.834	2378	2382	2386	rVV	78708	121991	5.53%	0.331%
93	16.911	2392	2395	2402	rVB	58499	90299	4.09%	0.245%
94	17.369	2467	2473	2480	rVV	578108	911839	41.32%	2.473%
95	17.469	2484	2490	2496	rVB2	432199	648002	29.36%	1.757%
96	19.754	2874	2879	2884	rBV	491676	691011	31.31%	1.874%
97	21.517	3174	3179	3183	rVB	61555	85577	3.88%	0.232%
98	21.629	3191	3198	3206	rBV	689356	1076386	48.78%	2.919%
99	24.596	3692	3703	3714	rBV2	250647	684419	31.01%	1.856%
100	24.813	3729	3740	3752	rBV2	389271	1097251	49.72%	2.975%

Sum of corrected areas: 36878663

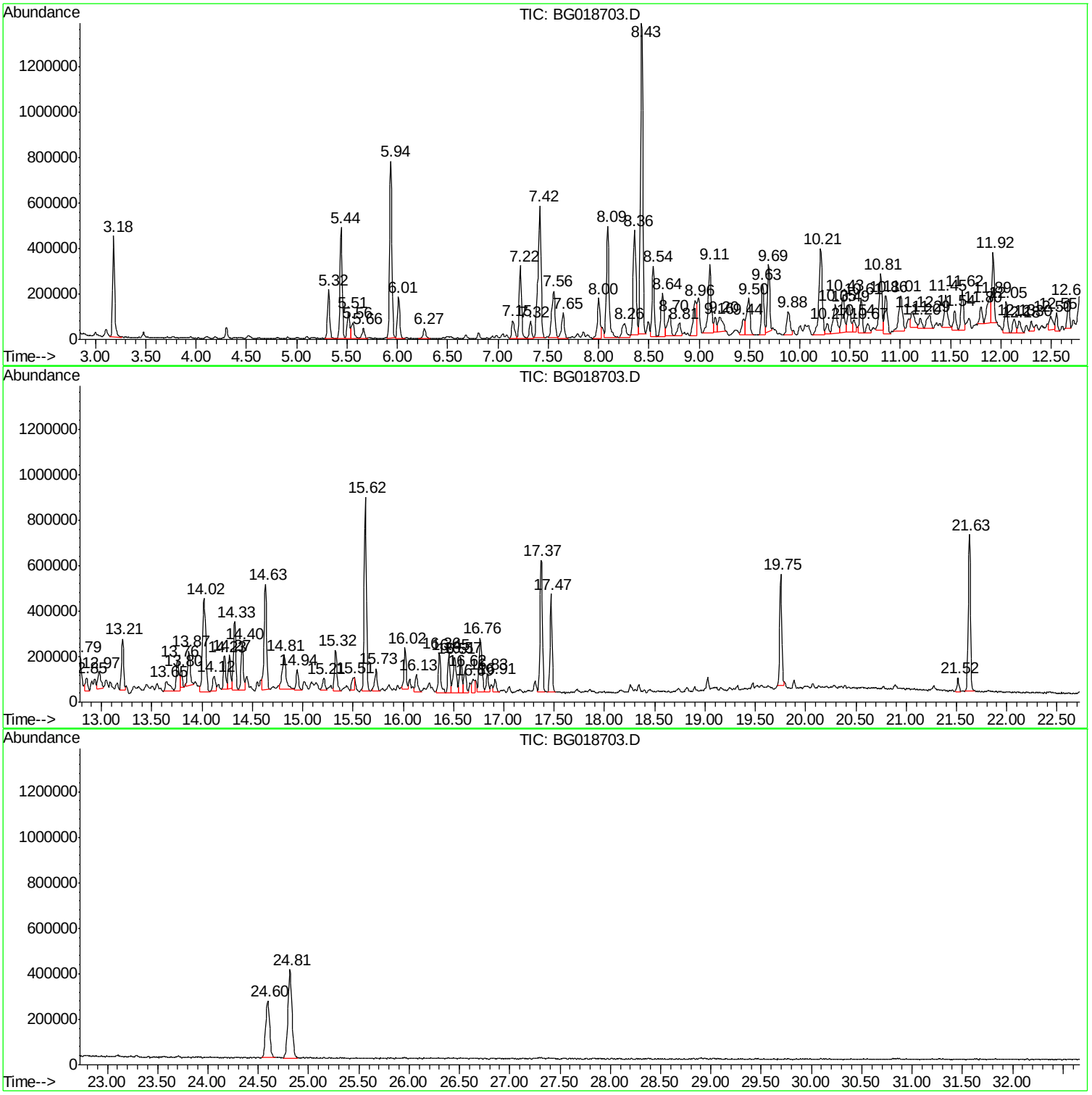
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

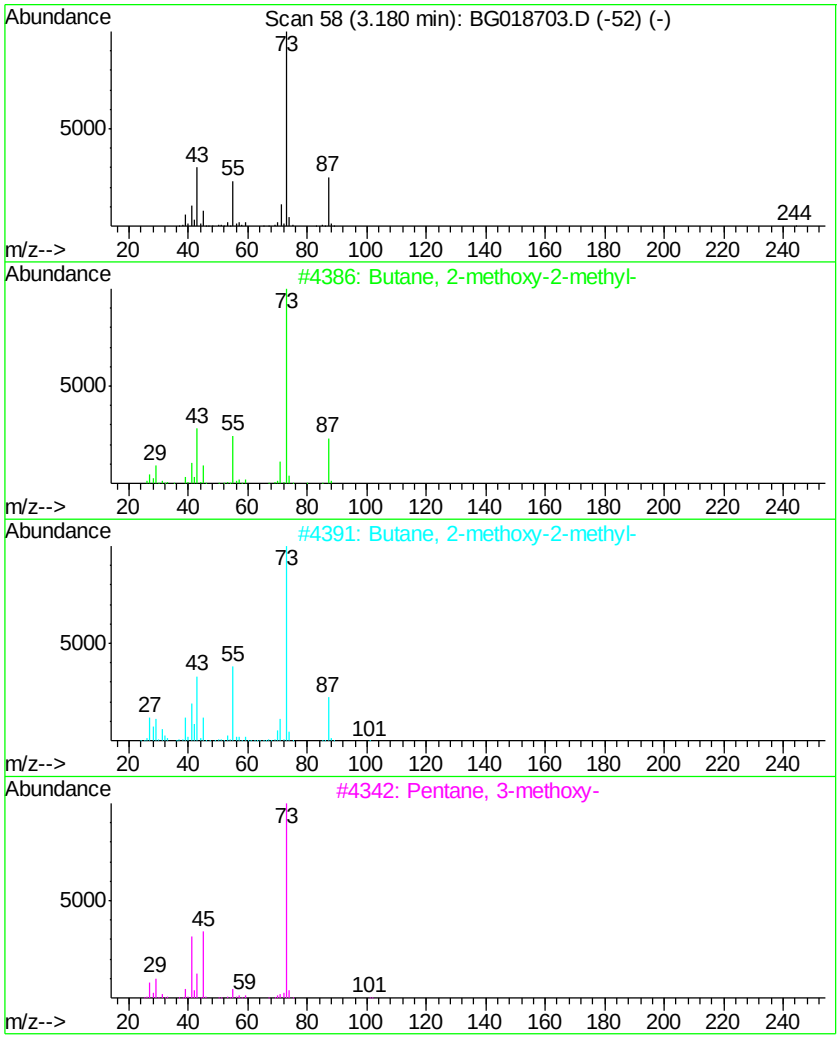
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

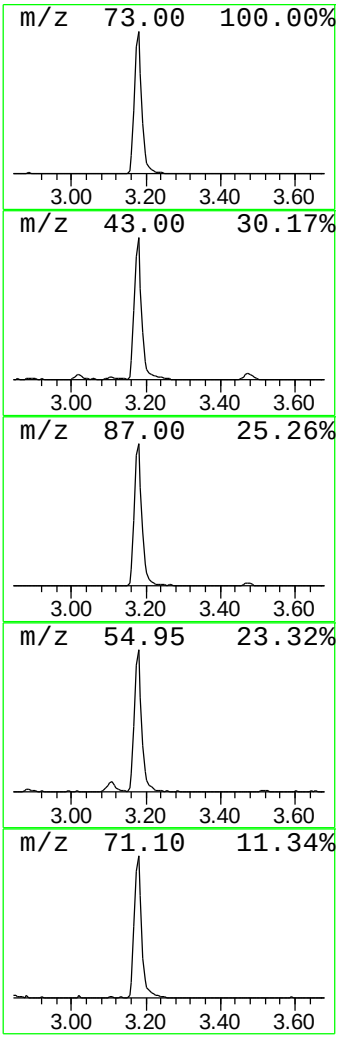
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	36.12 ng/ul	612419	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

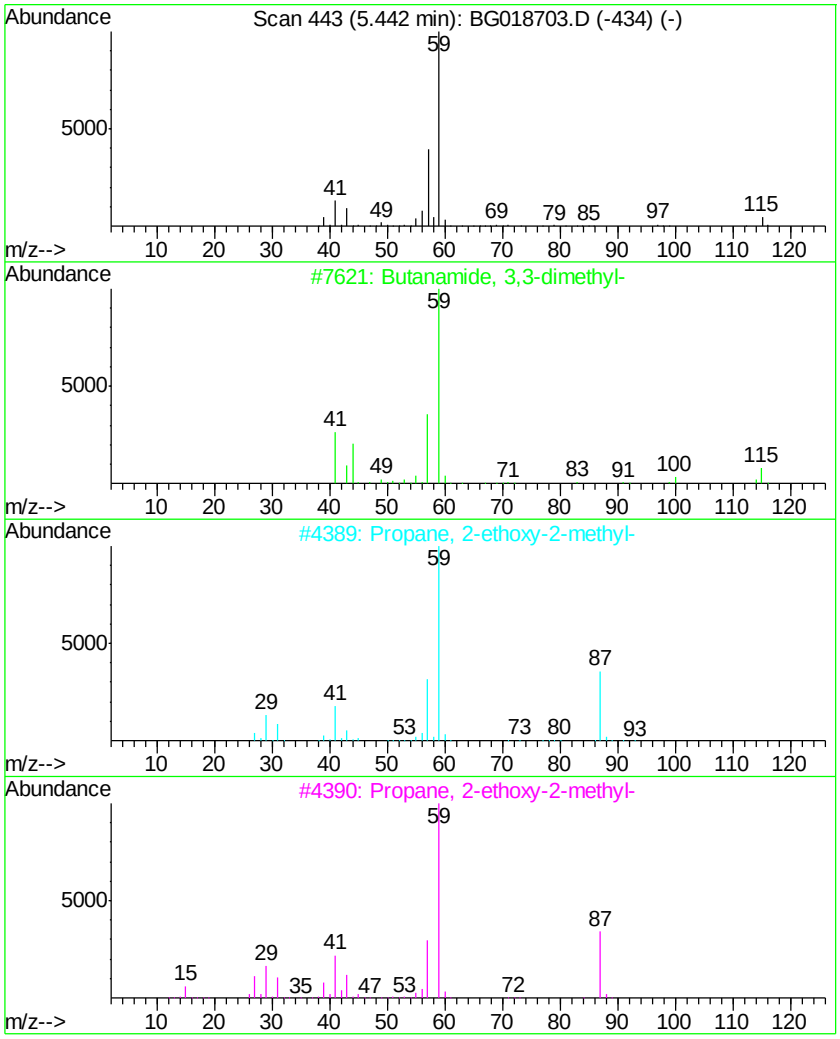
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

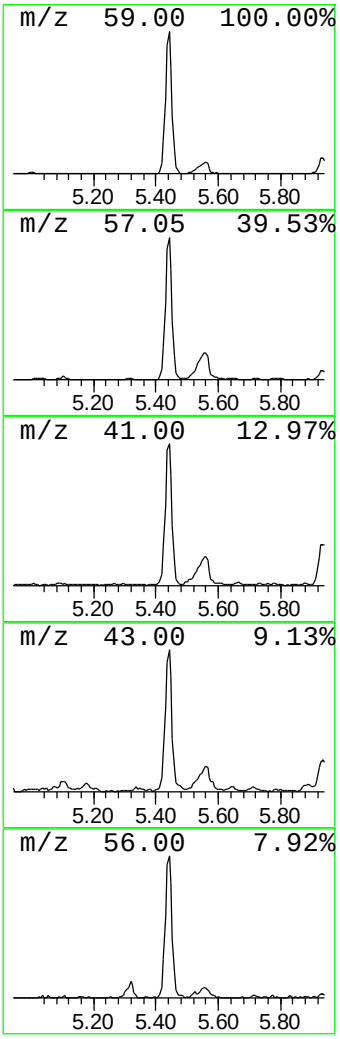
****

Peak Number 3 Butanamide, 3,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	42.72 ng/ul	724338	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	56
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	40
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9
4	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	9
5	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

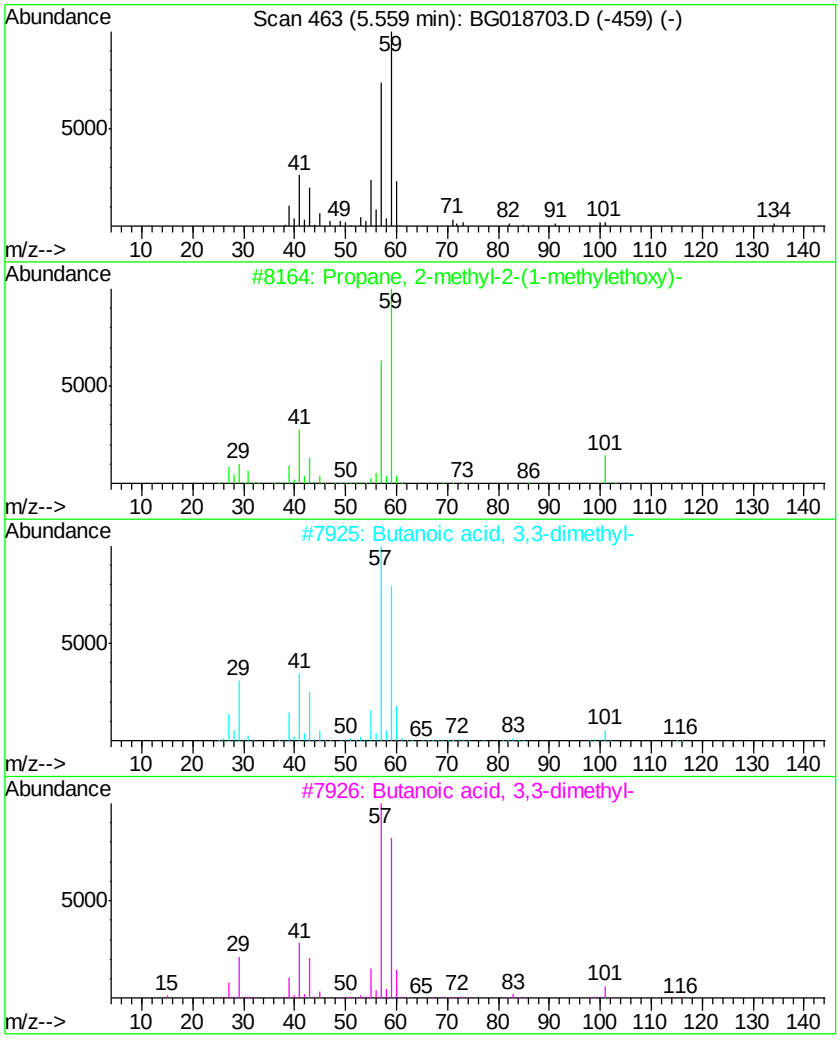
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

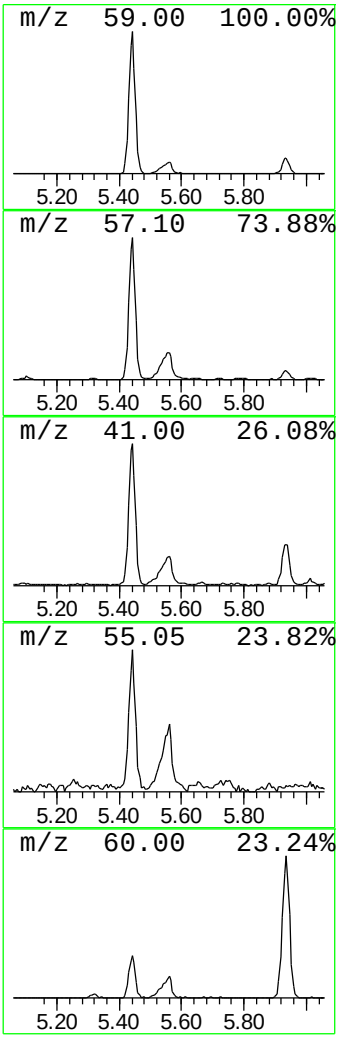
****

Peak Number 5 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	8.14 ng/ul	137957	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	45
2	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	42
3	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	42
4	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	38
5	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

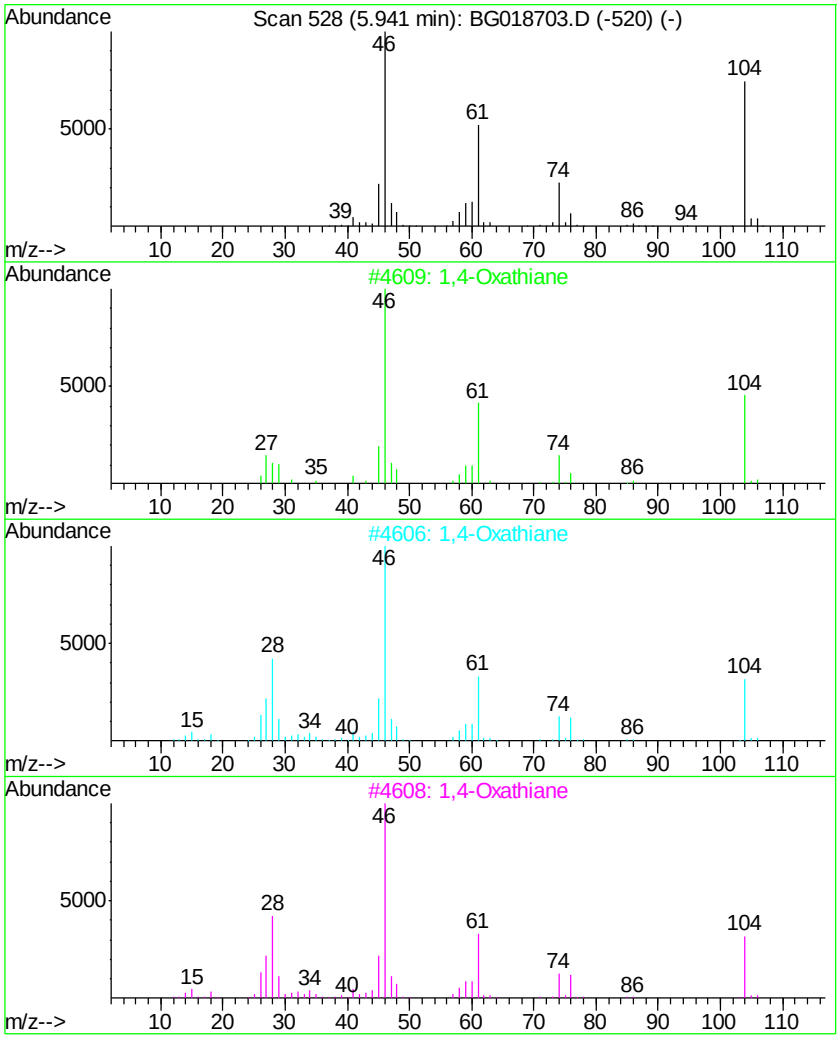
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

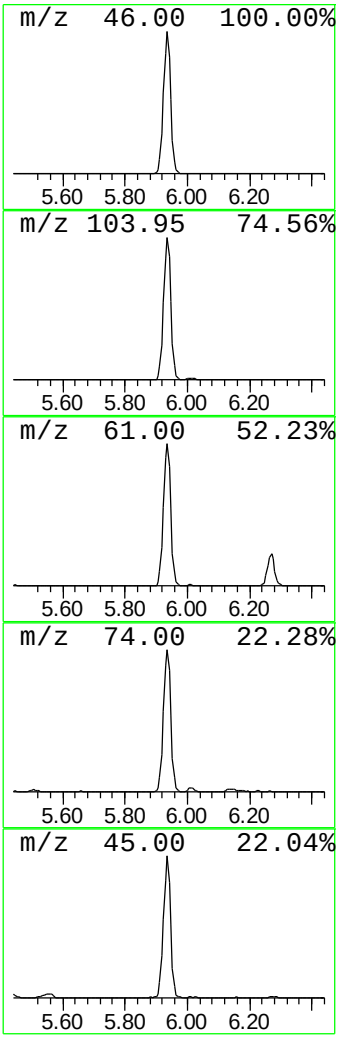
****

Peak Number 7 1,4-Oxathiane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	73.99 ng/ul	1254570	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Oxathiane	104	C4H8OS	015980-15-1	94
2	1,4-Oxathiane	104	C4H8OS	015980-15-1	91
3	1,4-Oxathiane	104	C4H8OS	015980-15-1	91
4	Methanamine, N-methoxy-	61	C2H7NO	001117-97-1	47
5	Thietane	74	C3H6S	000287-27-4	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

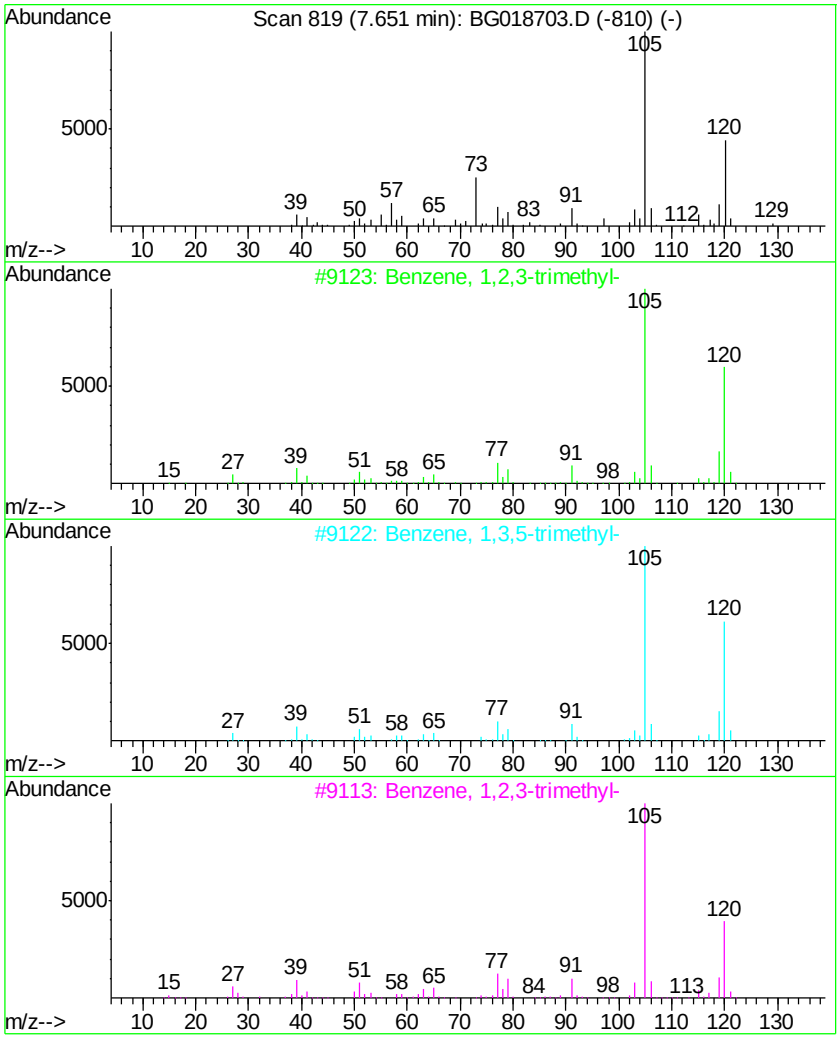
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

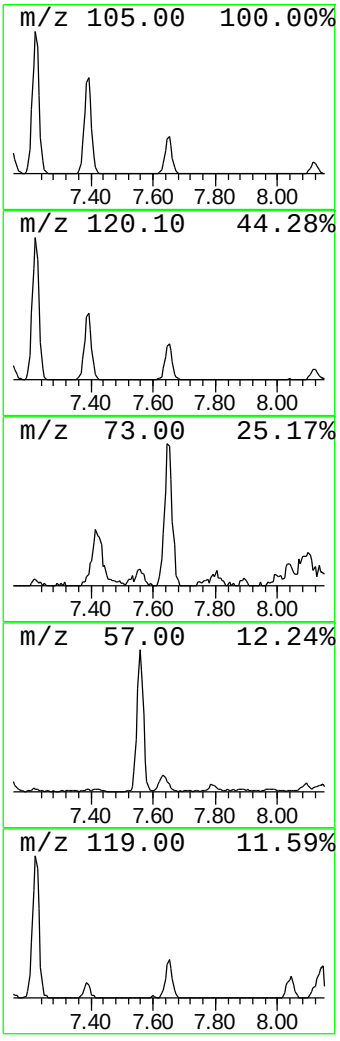
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	13.11 ng/ul	222321	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

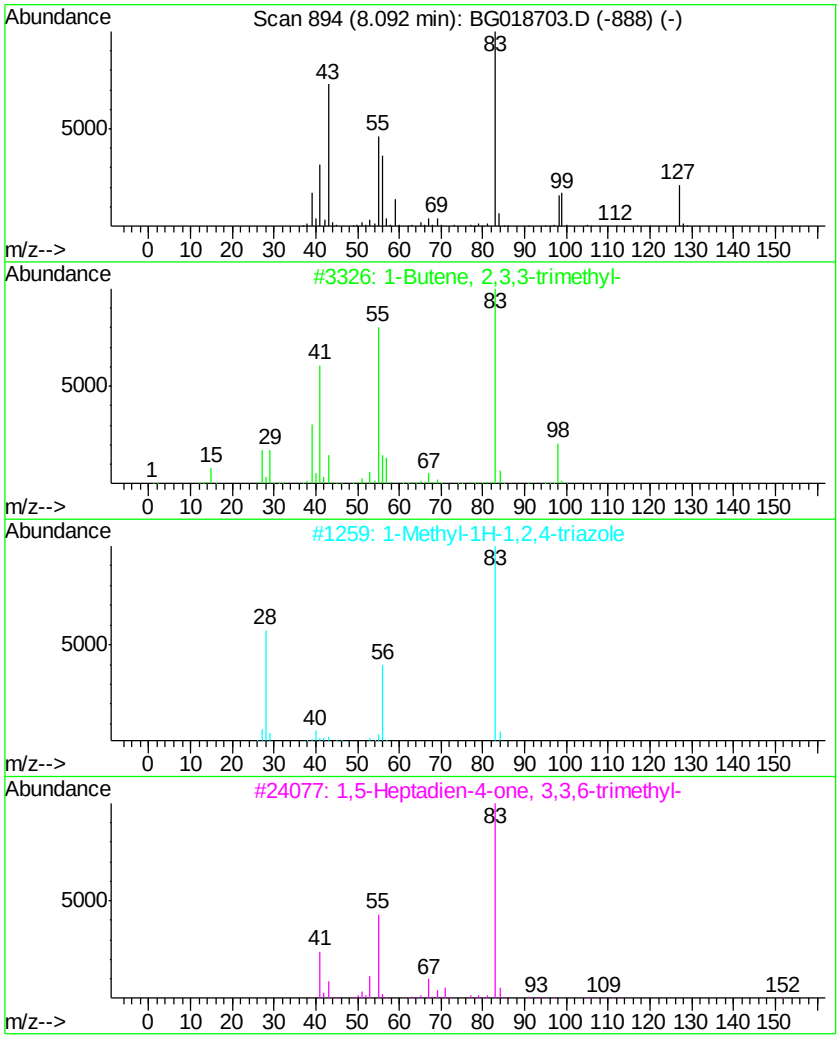
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

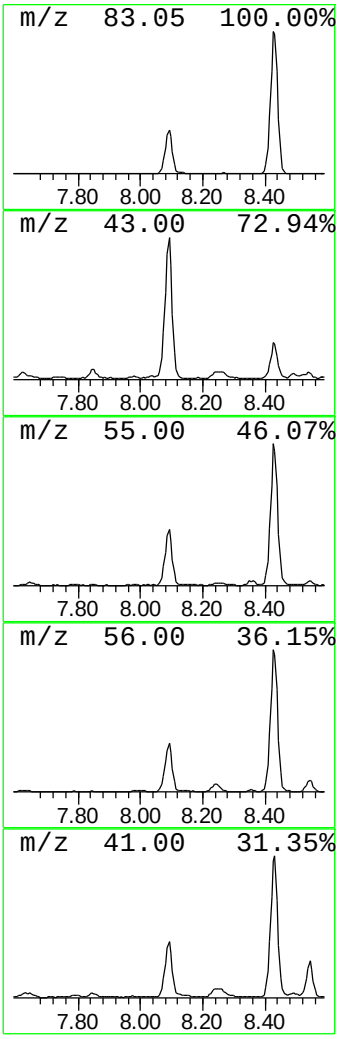
****

Peak Number 12 (DEL) Alkane: Cyclic8.09 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	50.14 ng/ul	850174	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	50
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50
3	1,5-Heptadien-4-one, 3,3,6-trime...	152	C10H16O	000546-49-6	43
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	40
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	38





Library Search Compound Report

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Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

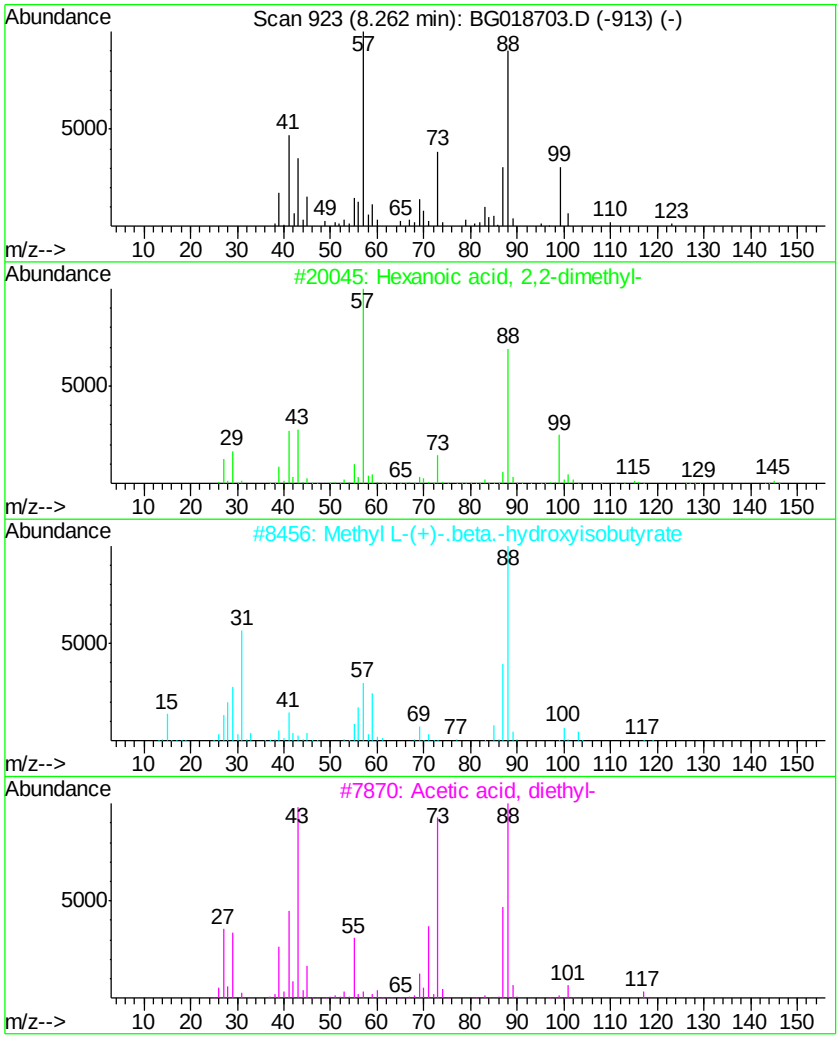
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

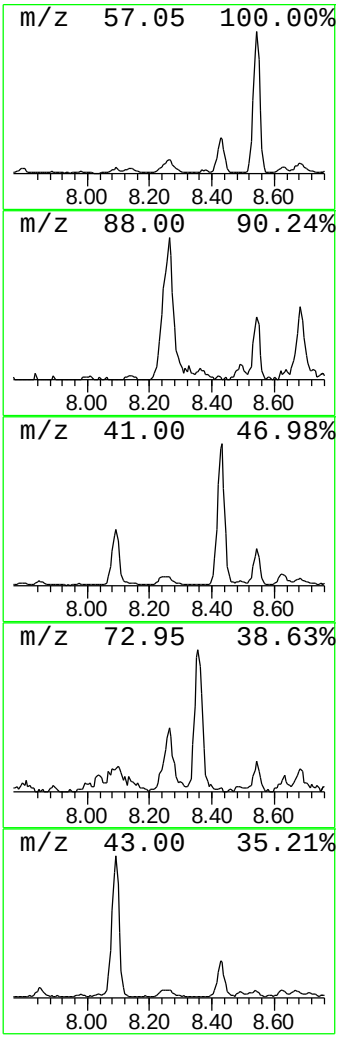
****

Peak Number 13 Hexanoic acid, 2,2-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	11.69 ng/ul	198232	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2,2-dimethyl-	144	C8H16O2	000813-72-9	50
2	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	50
3	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	50
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
5	Methyl (R)-(-)-3-hydroxy-2-methy...	118	C5H10O3	072657-23-9	40





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Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

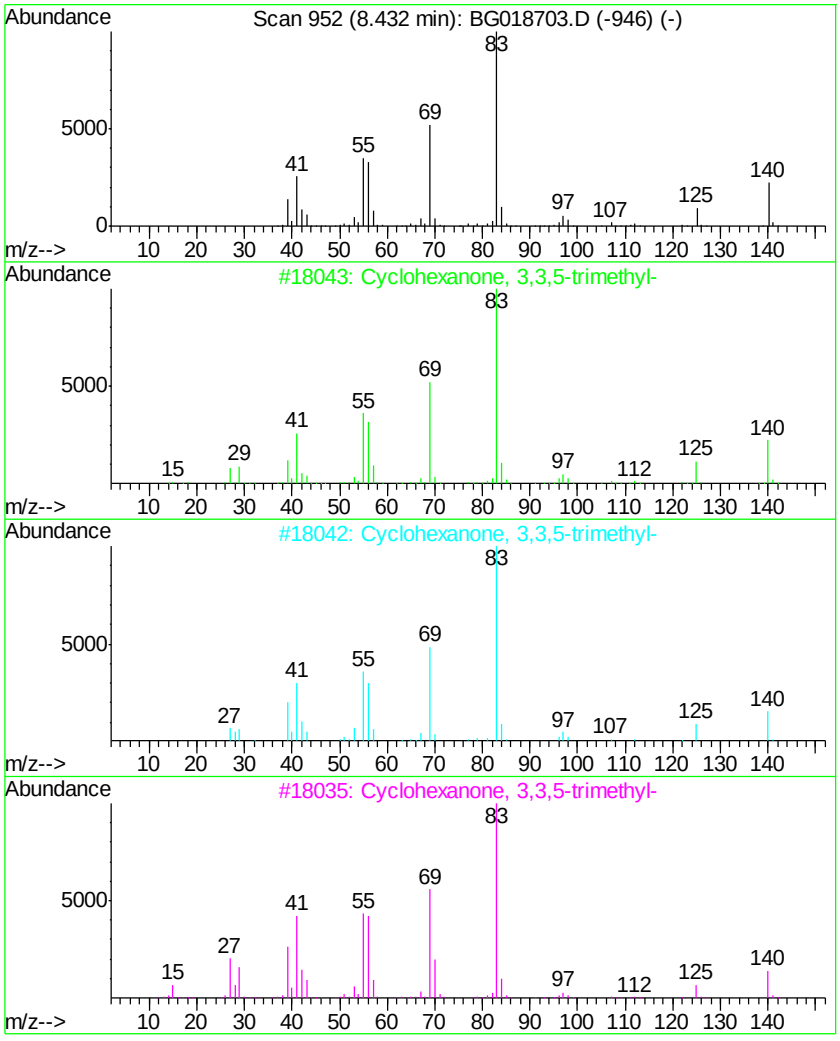
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

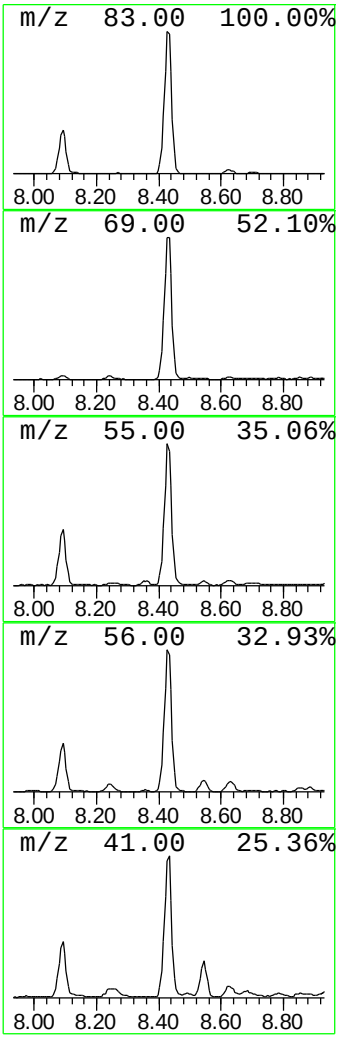
****

Peak Number 15 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	130.15 ng/ul	2206800	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	94
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50





Library Search Compound Report

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Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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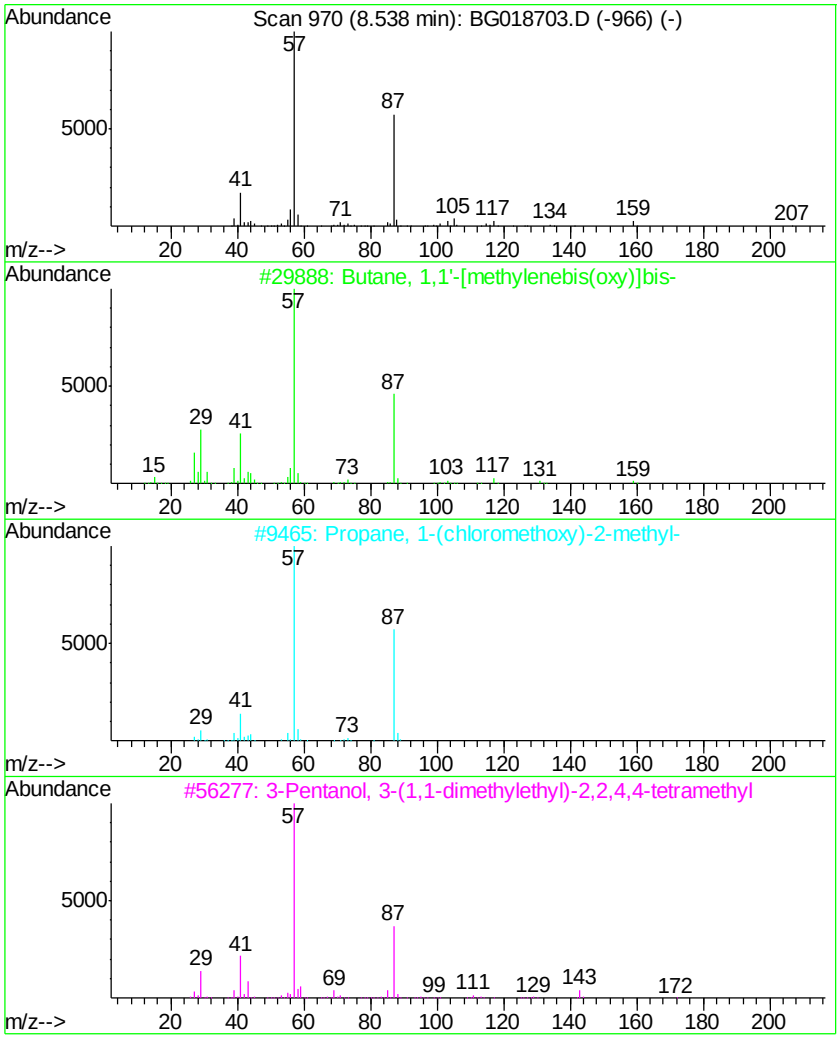
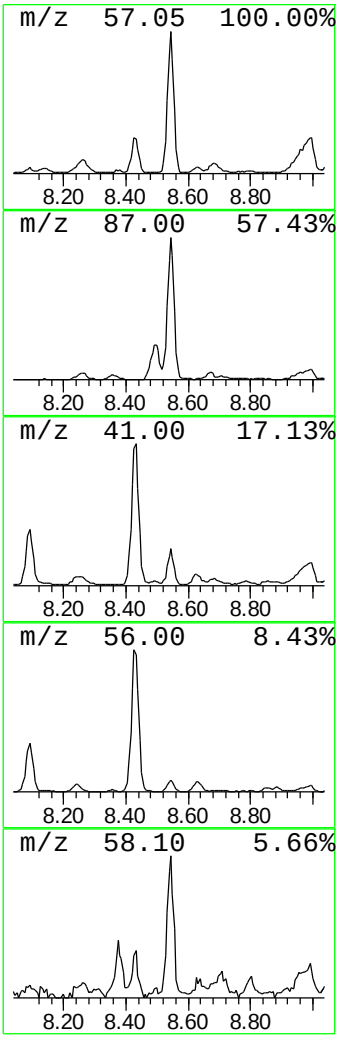
Peak Number 16 Butane, 1,1'-[methylenebis(... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	26.77 ng/ul	453951	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1'-[methylenebis(oxy)]...	160	C9H20O2	002568-90-3	64
2	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	59
3	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	59
4	Morpholine	87	C4H9NO	000110-91-8	45
5	Morpholine	87	C4H9NO	000110-91-8	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

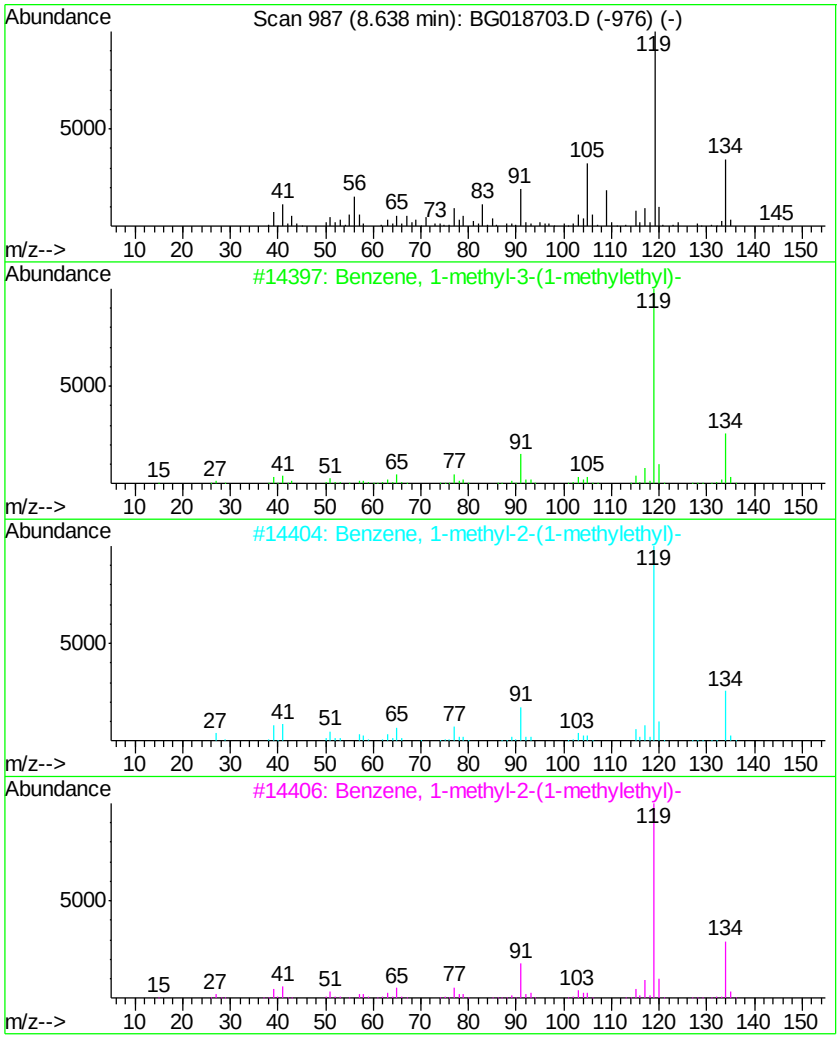
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

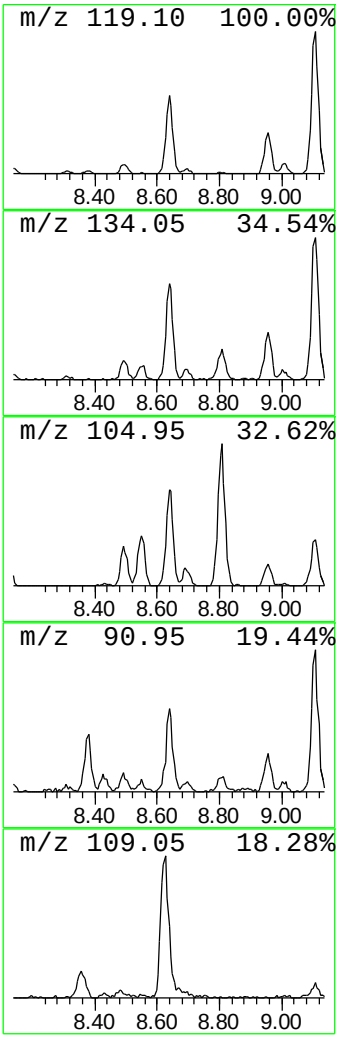
****

Peak Number 17 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	23.68 ng/ul	401584	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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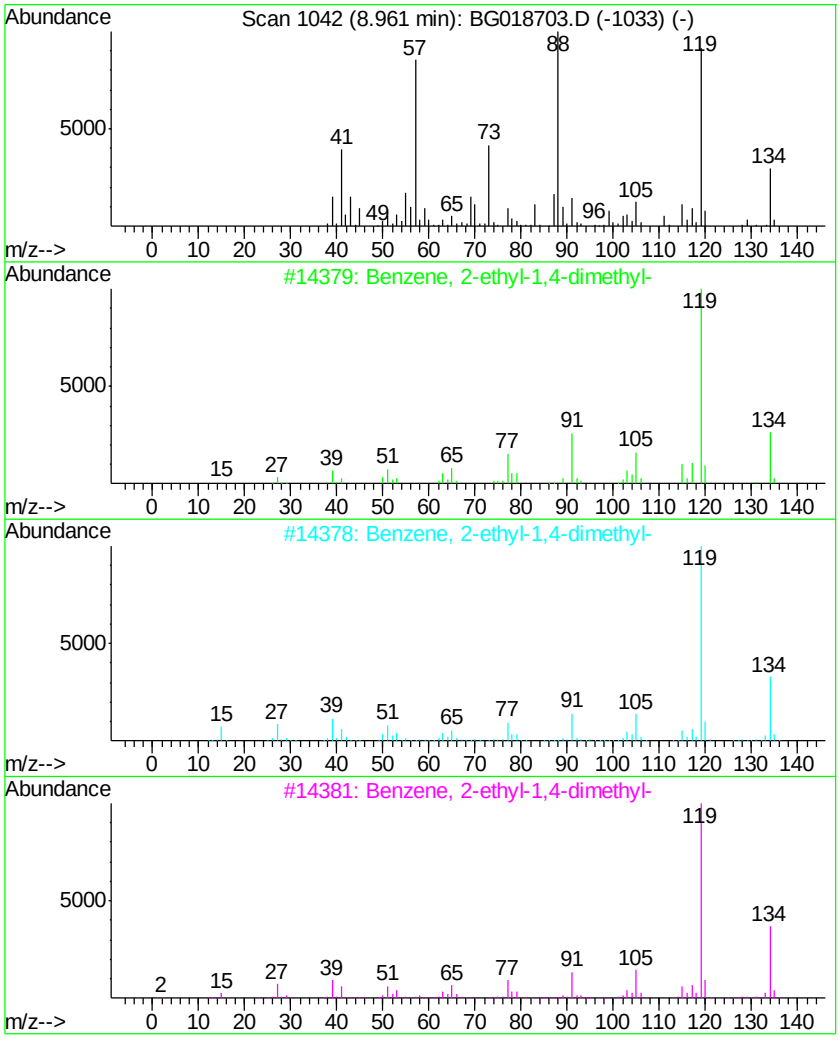
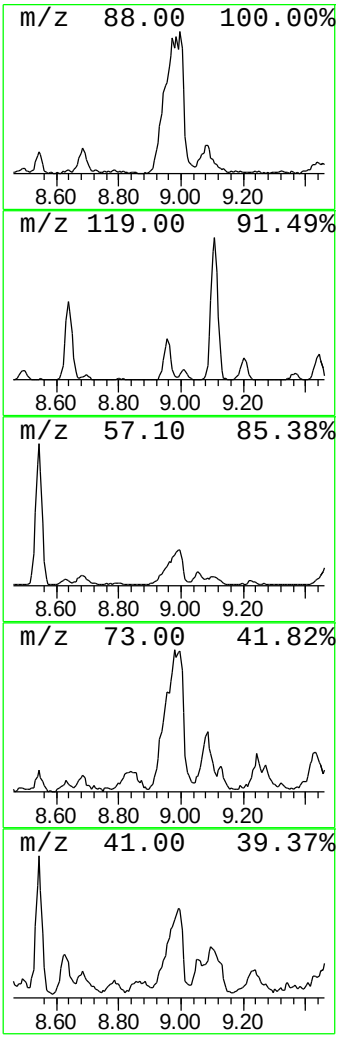
Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	19.97 ng/ul	338675	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	84
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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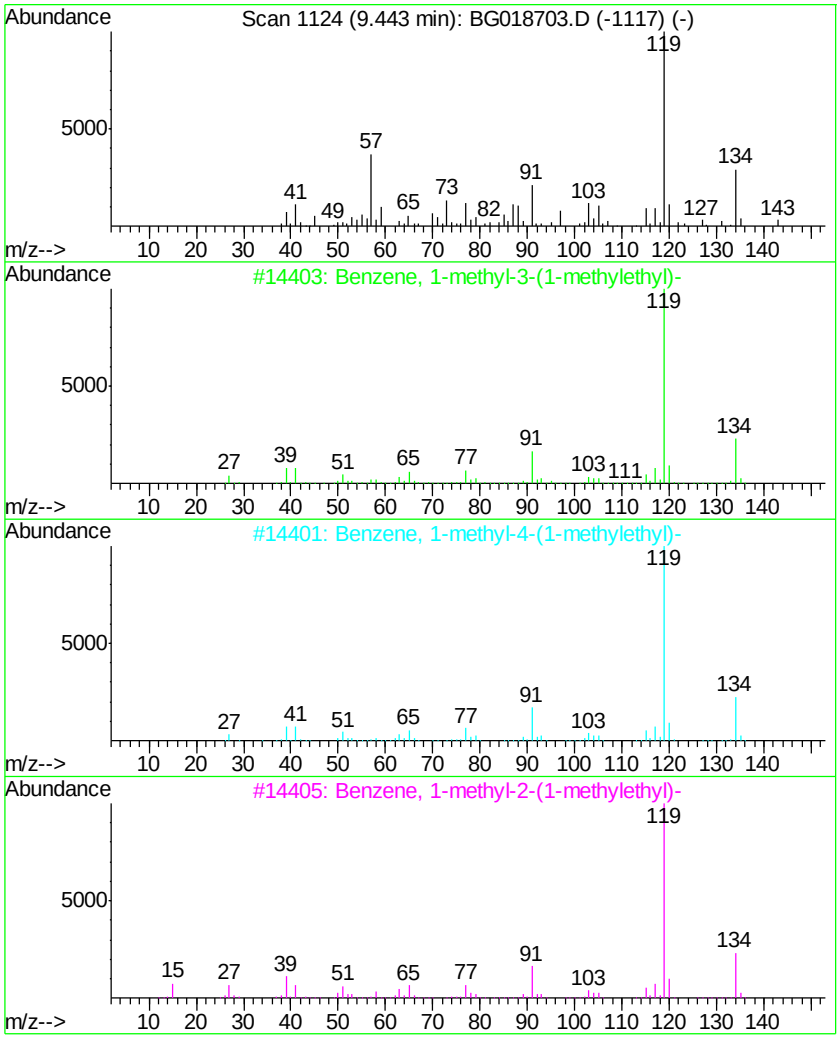
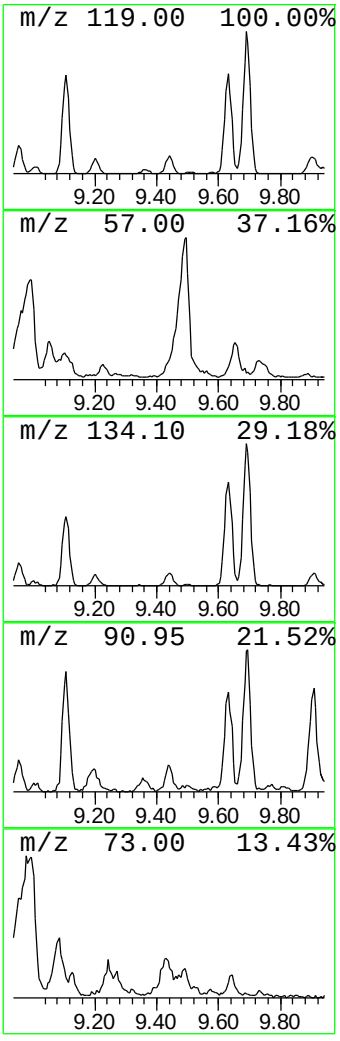
Peak Number 19 Benzene, 1-methyl-4-(1-meth... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	6.72 ng/ul	156552	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	92
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	92
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	89
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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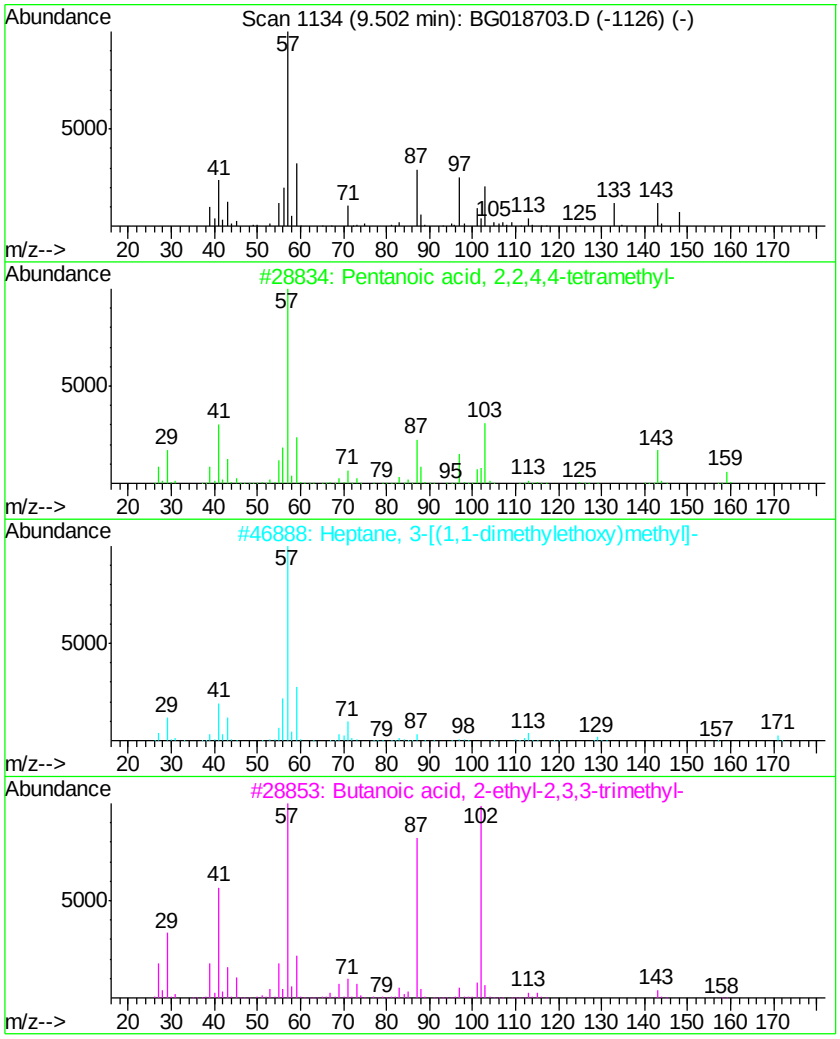
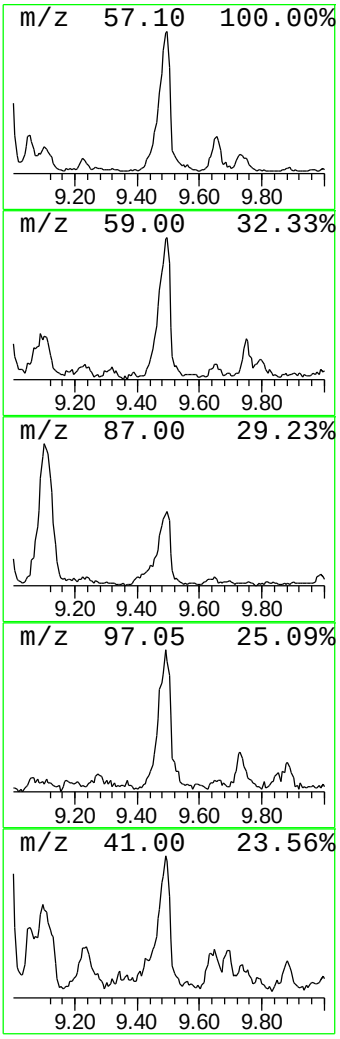
Peak Number 20 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	16.34 ng/ul	380500	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,2,4,4-tetramet...	158	C9H18O2	003302-12-3	40
2	Heptane, 3-[(1,1-dimethylethoxy)...	186	C12H26O	083704-03-4	22
3	Butanoic acid, 2-ethyl-2,3,3-tri...	158	C9H18O2	038541-67-2	17
4	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	14
5	tert-Butyl isopropyl carbonate	160	C8H16O3	030221-21-7	14





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Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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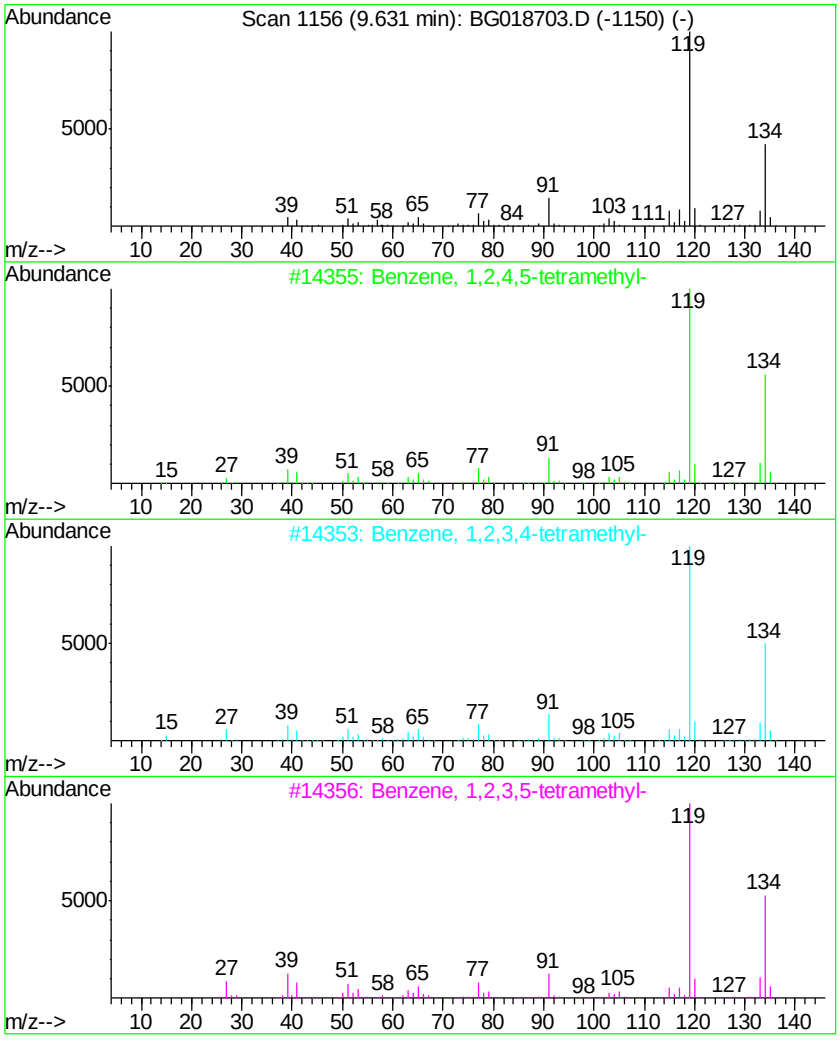
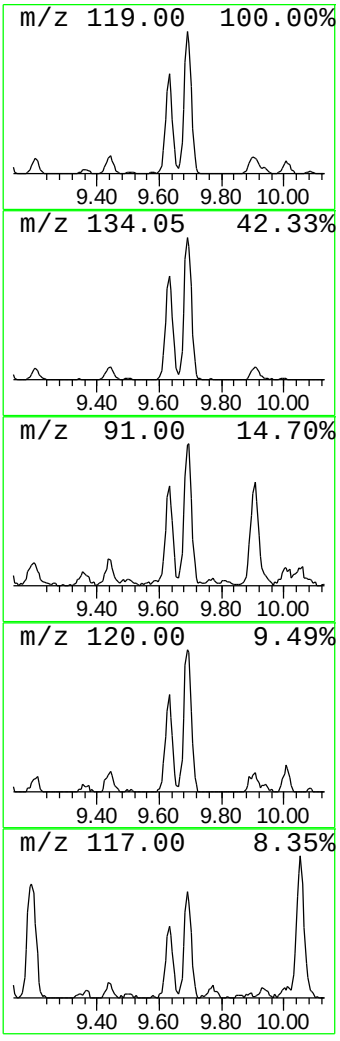
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	16.50 ng/ul	384256	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
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Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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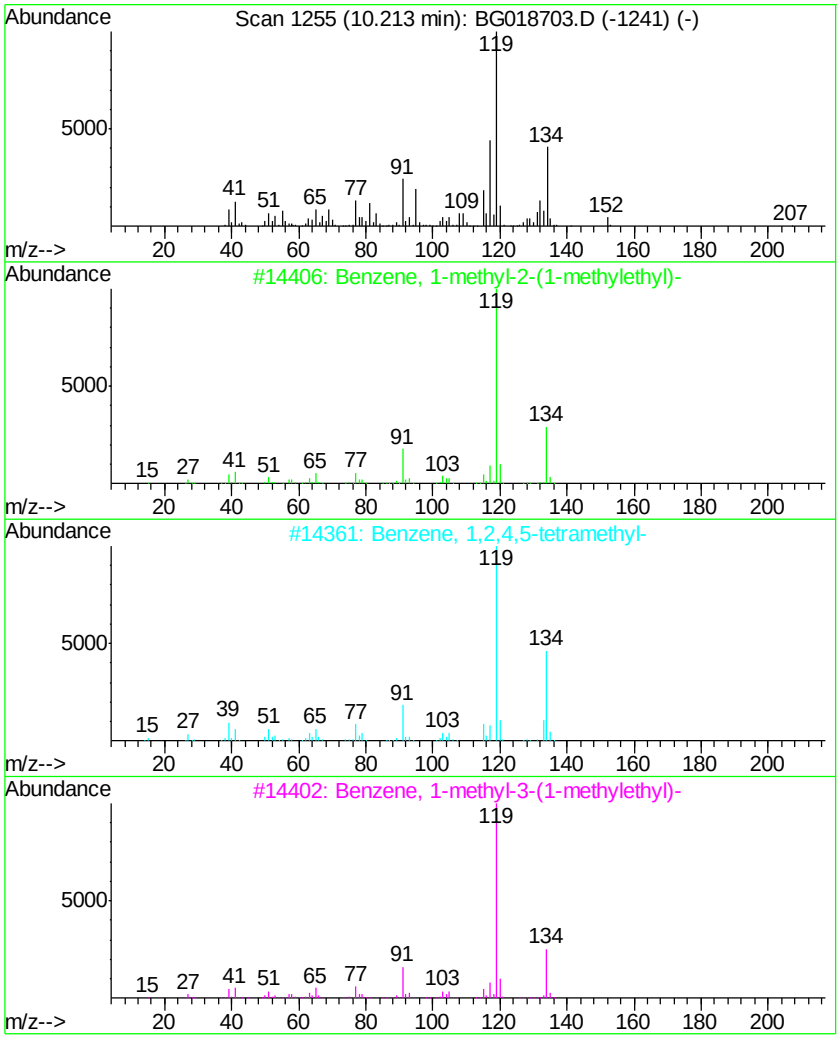
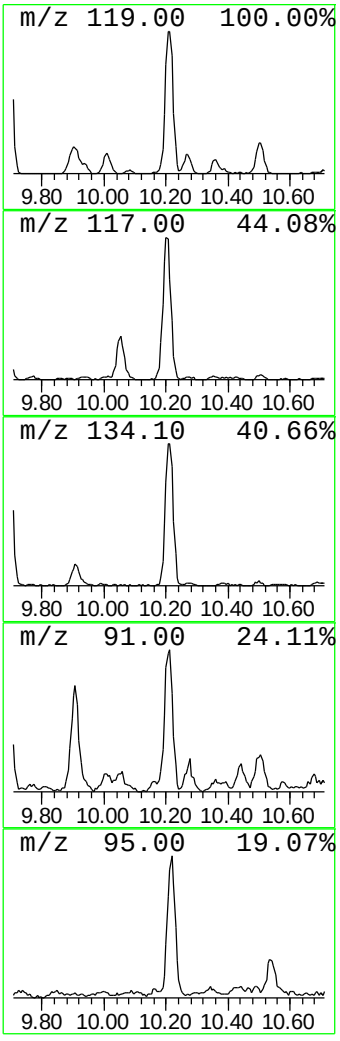
Peak Number 22 Benzene, 1-methyl-2-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	35.98 ng/ul	837978	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60





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Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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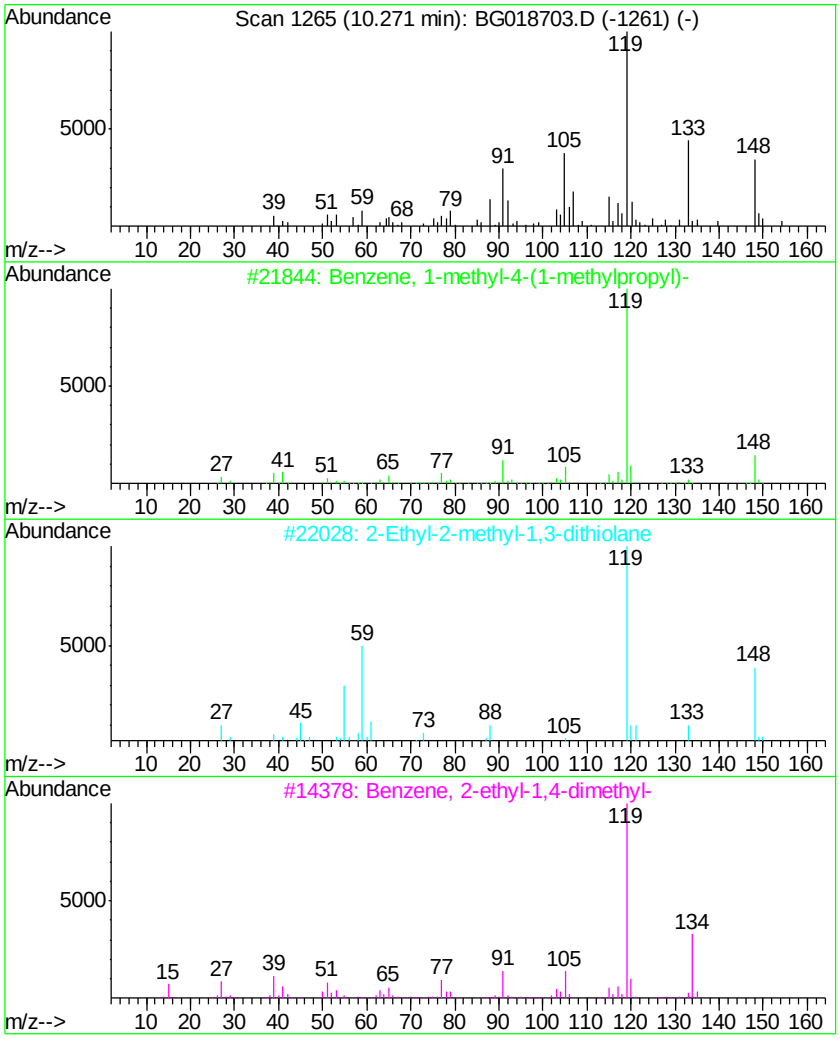
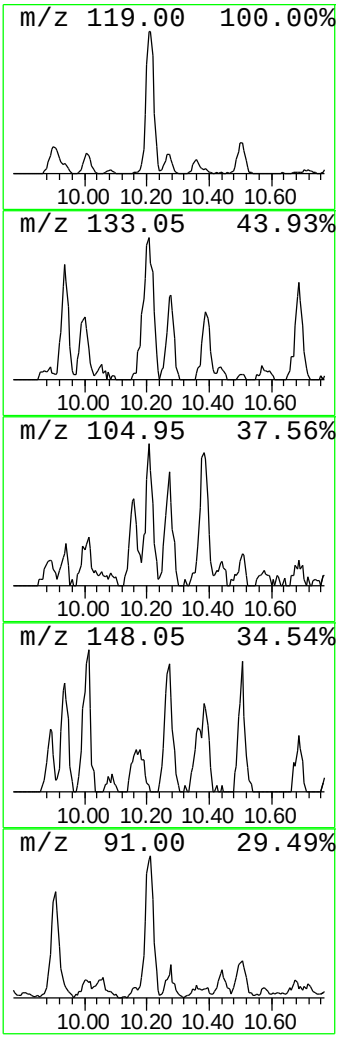
Peak Number 23 unknown-03 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	3.90 ng/ul	90909	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	49
2	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	47
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43





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Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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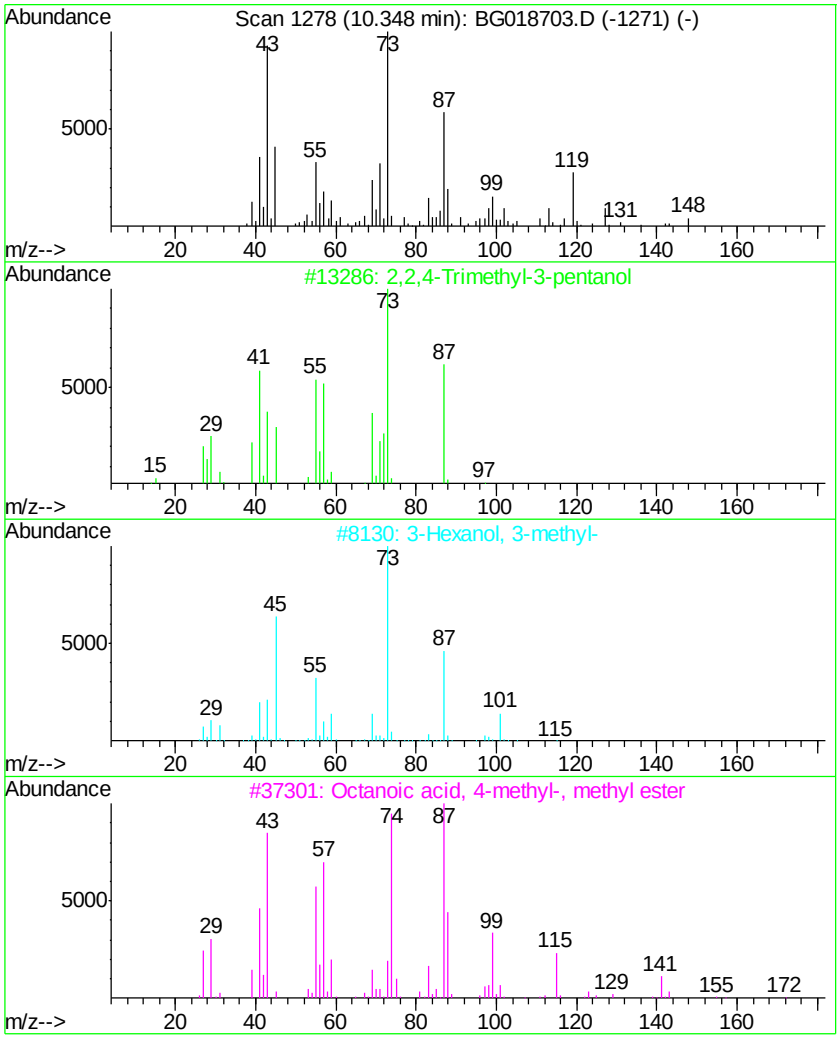
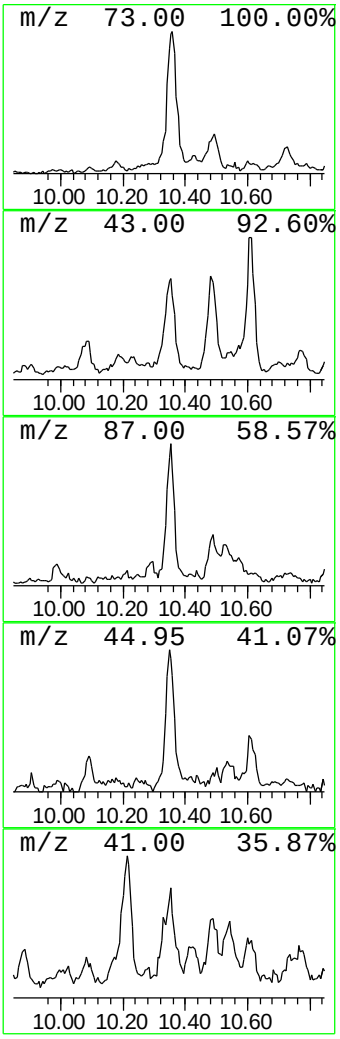
Peak Number 24 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	14.18 ng/ul	330307	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
2	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	38
3	Octanoic acid, 4-methyl-, methyl...	172	C10H20O2	015870-07-2	37
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	35
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	32





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Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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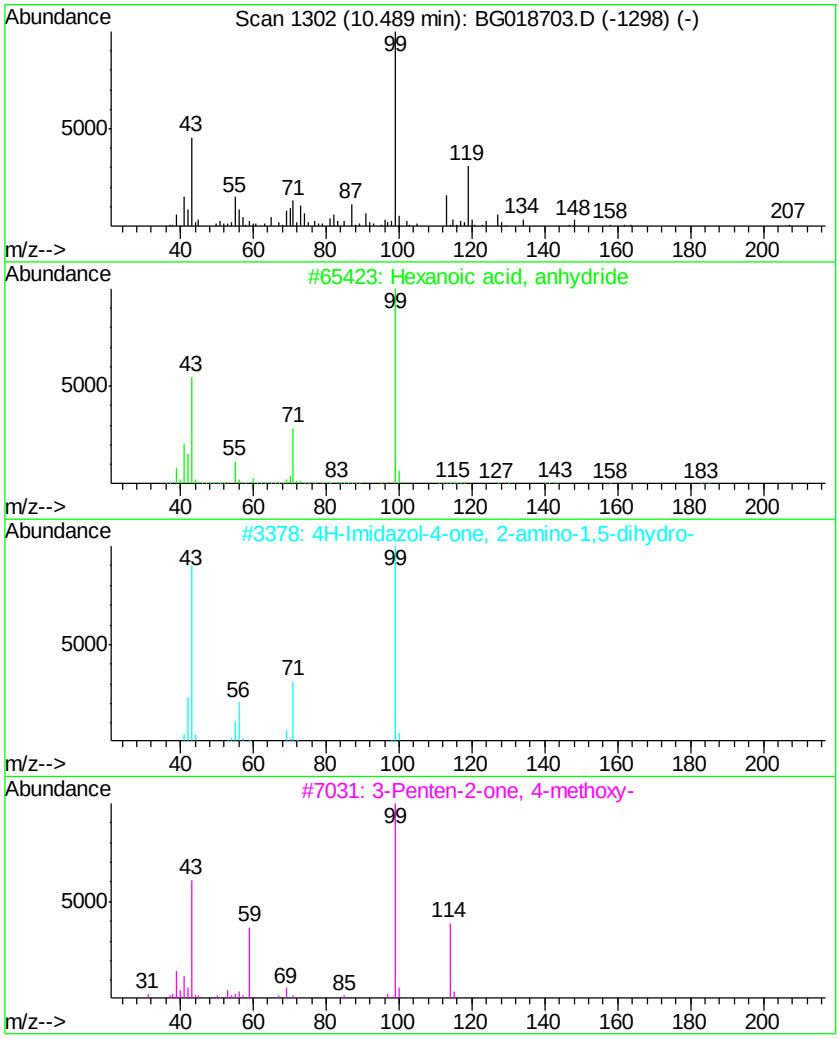
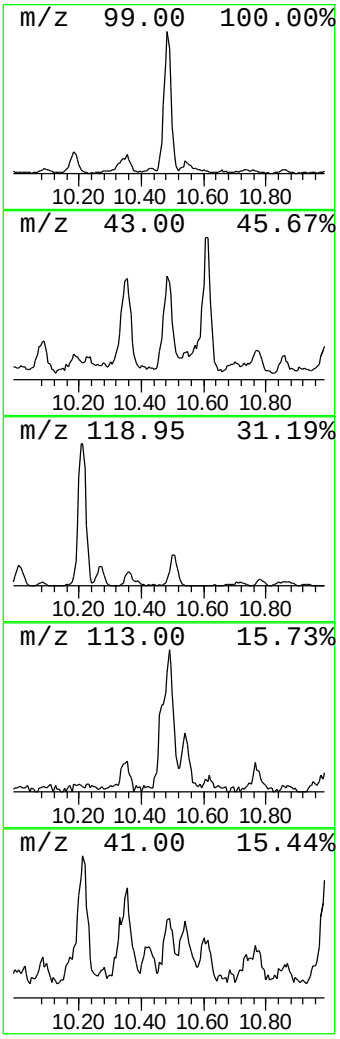
Peak Number 25 unknown-05 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	11.55 ng/ul	269085	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	47
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	47
3	3-Penten-2-one, 4-methoxy-	114	C6H10O2	002845-83-2	43
4	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	42
5	2(3H)-Furanone, 5-ethyldihydro-3...	128	C7H12O2	002610-98-2	42





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Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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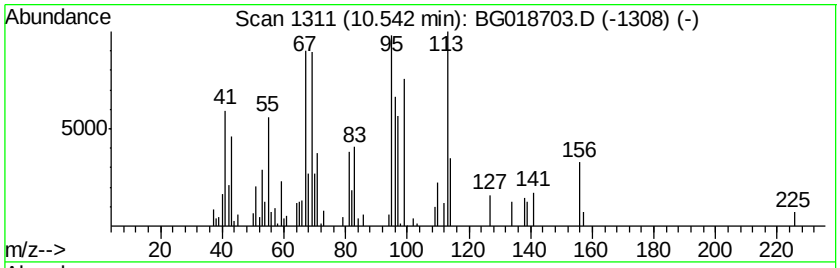
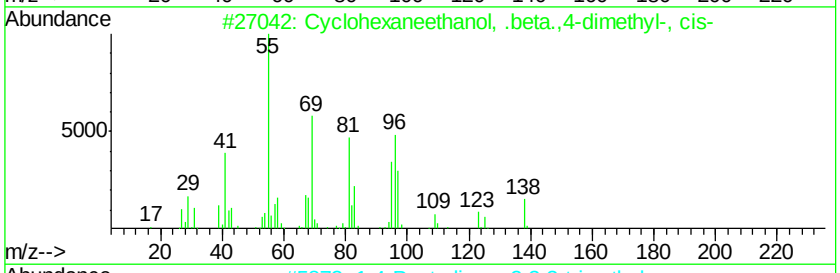
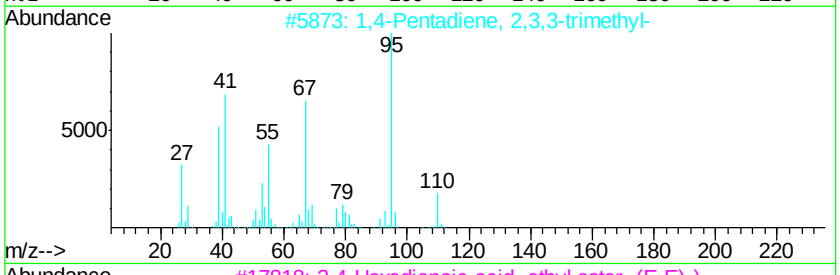
Peak Number 26 unknown-06 Concentration Rank 55

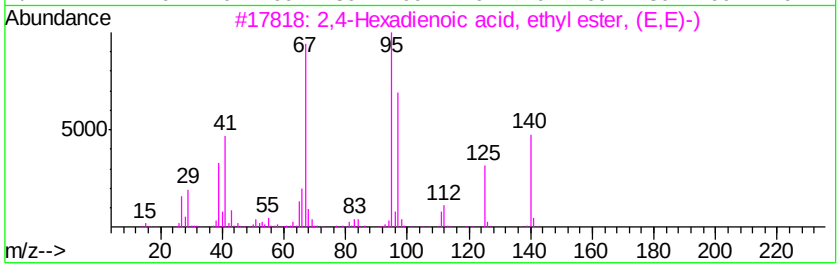
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	4.11 ng/ul	95707	Naphthalene-d8	10.81

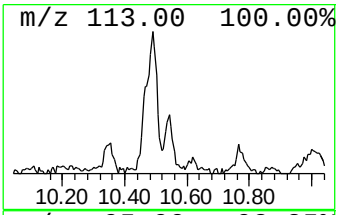
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexaneethanol, .beta.,4-dim...	156	C10H20O	005113-95-1	27
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	22
3	2,4-Hexadienoic acid, ethyl este...	140	C8H12O2	005941-48-0	22
4	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	22
5	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	18

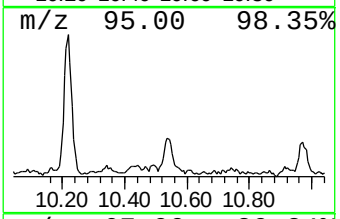


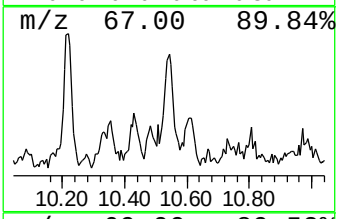


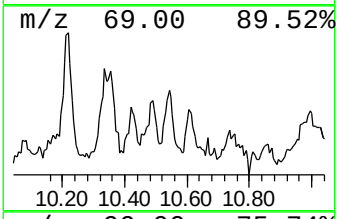


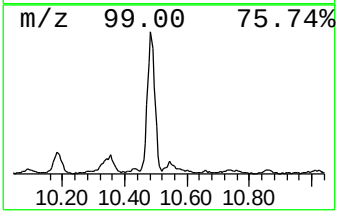












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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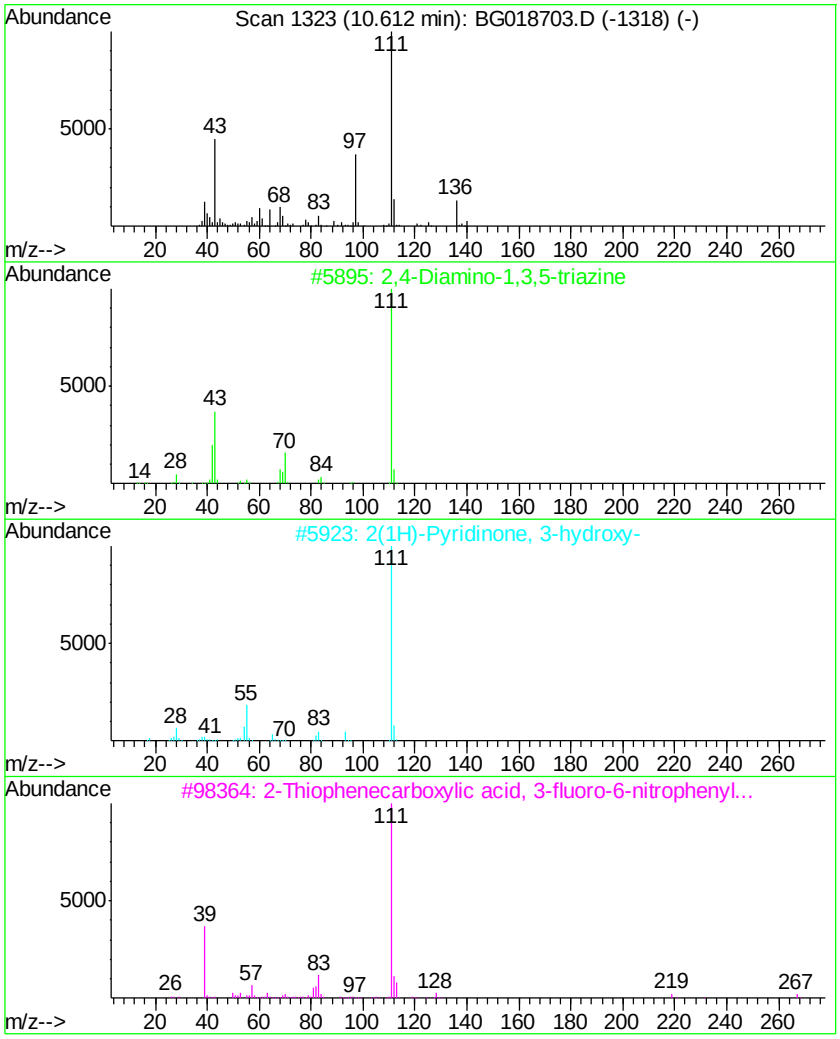
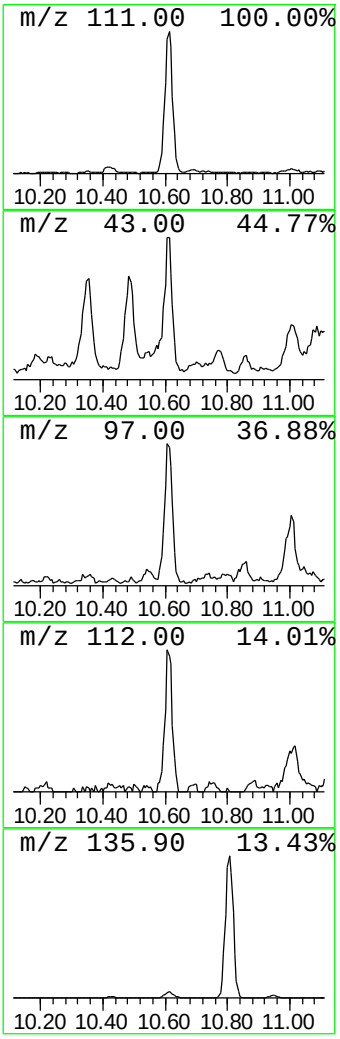
Peak Number 27 unknown-07 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	11.39 ng/ul	265319	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-1,3,5-triazine	111	C3H5N5	000504-08-5	47
2	2(1H)-Pyridinone, 3-hydroxy-	111	C5H5NO2	016867-04-2	37
3	2-Thiophenecarboxylic acid, 3-fl...	267	C11H6FNO4S	1000293-63-5	25
4	3,4-Dimethylthiophene	112	C6H8S	000632-15-5	23
5	Dicyclohexyl-, ethylphosphonate	274	C14H27O3P	169739-47-3	23





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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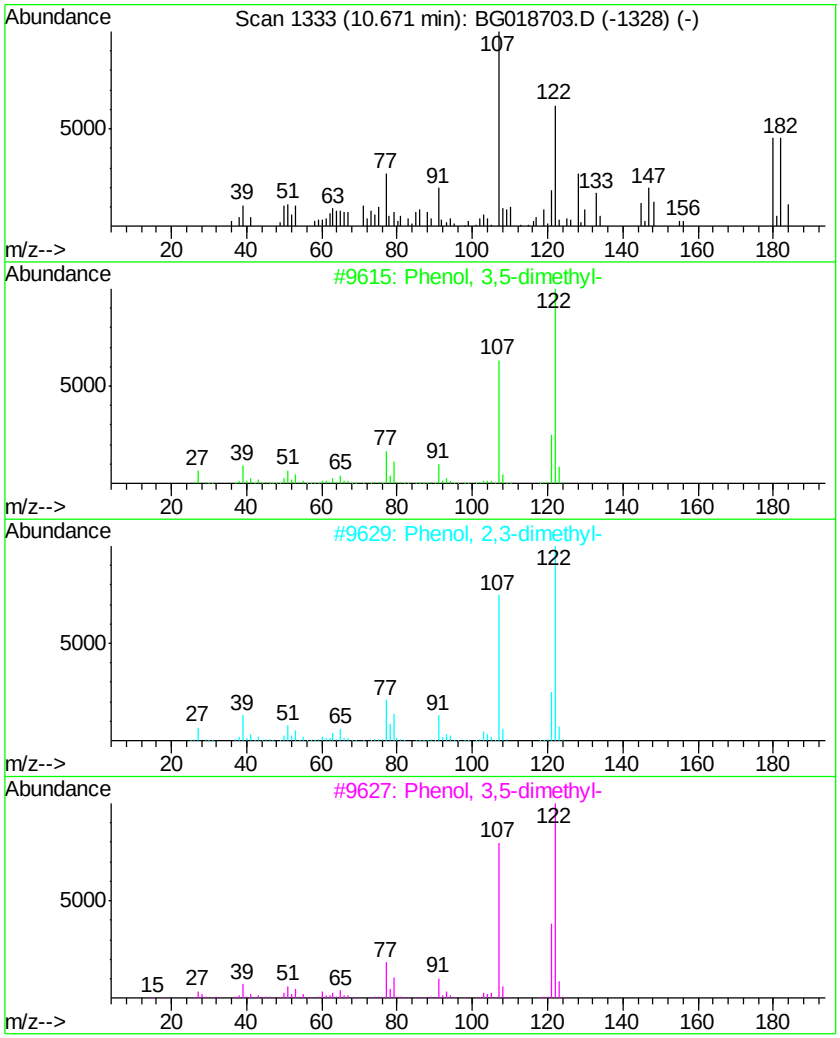
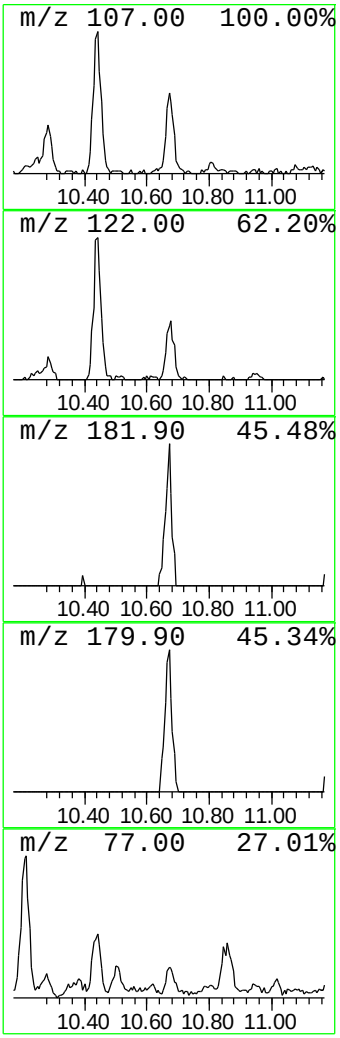
Peak Number 28 unknown-08 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.49 ng/ul	81375	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	42
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	42
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	38
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	38
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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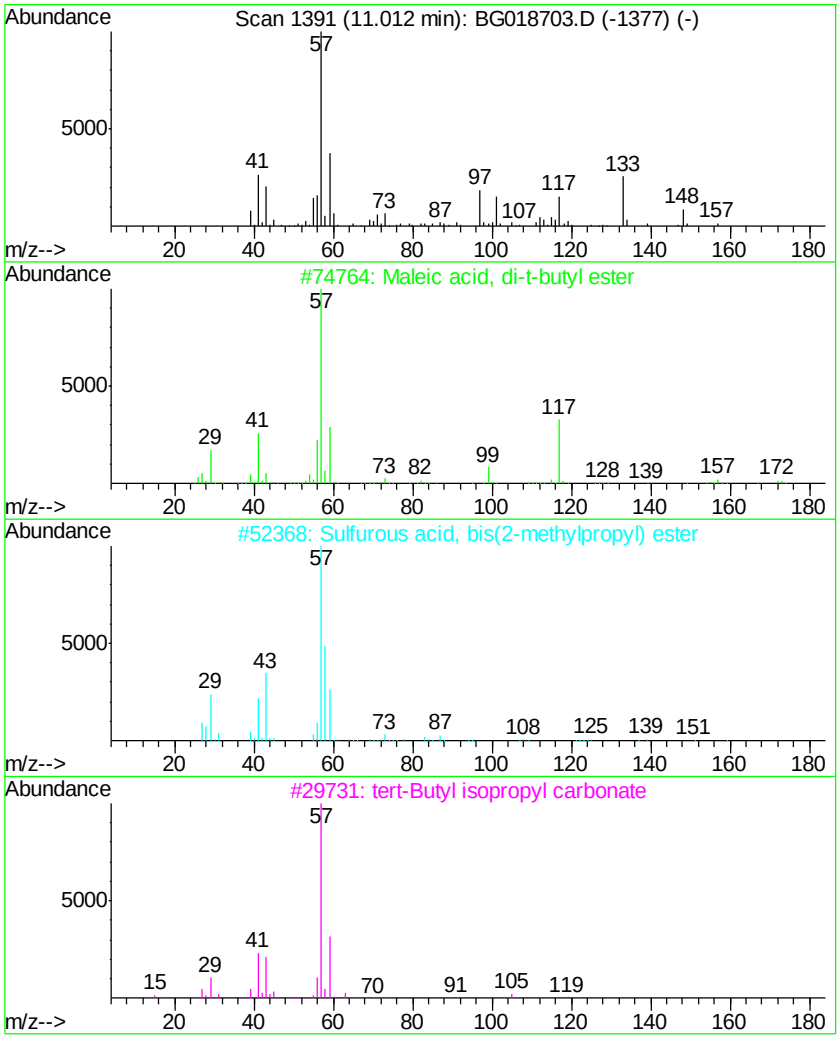
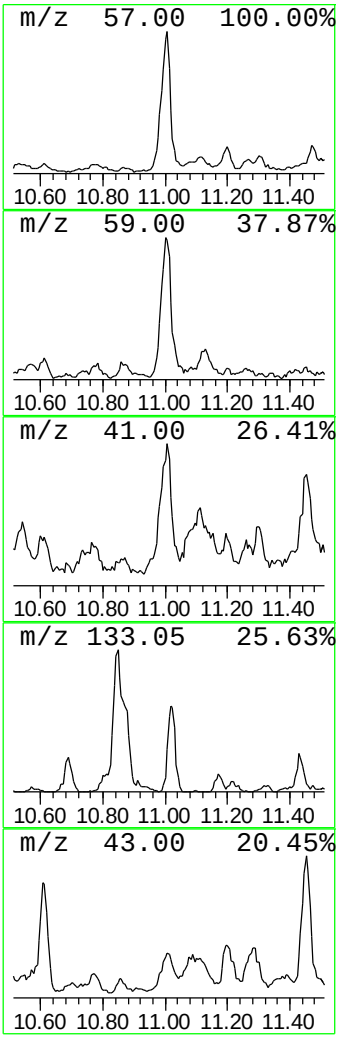
Peak Number 29 unknown-09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	16.86 ng/ul	392679	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Maleic acid, di-t-butyl ester	228	C12H20O4	018305-60-7	37
2	Sulfurous acid, bis(2-methylprop...	194	C8H18O3S	018748-27-1	35
3	tert-Butyl isopropyl carbonate	160	C8H16O3	030221-21-7	27
4	di-tert-Butyl malonate	216	C11H20O4	000541-16-2	16
5	1-tert-Butoxy-2-methoxyethane	132	C7H16O2	066728-50-5	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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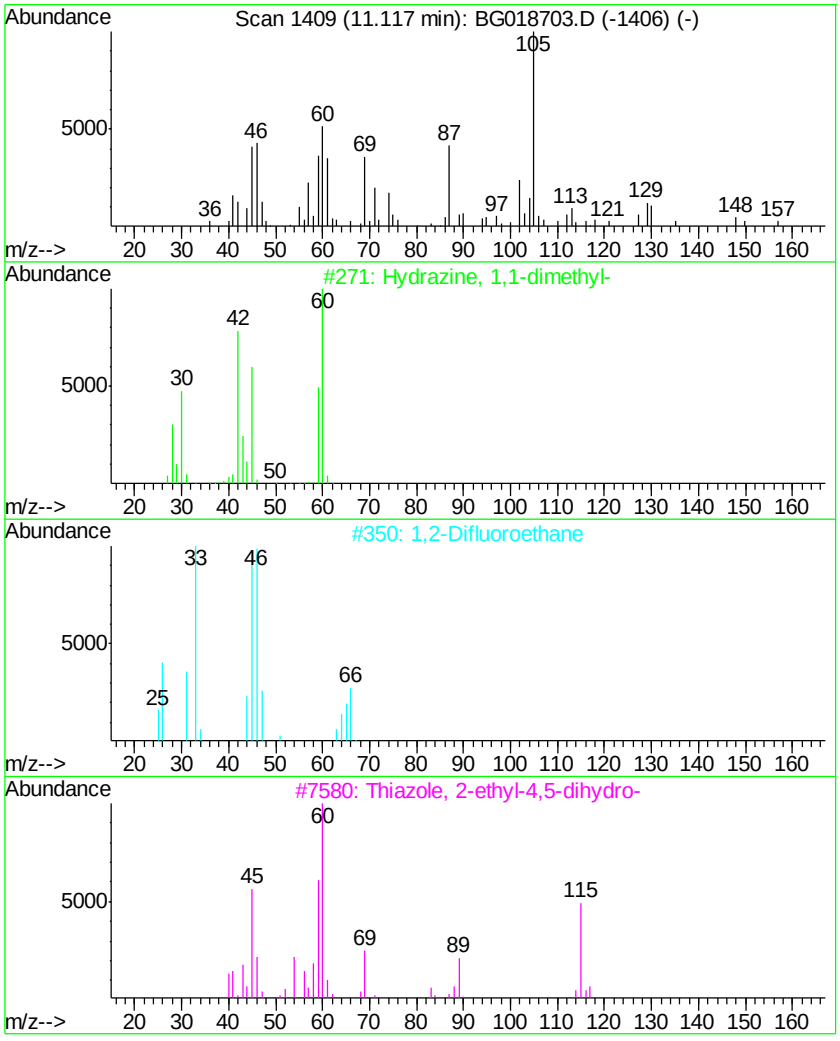
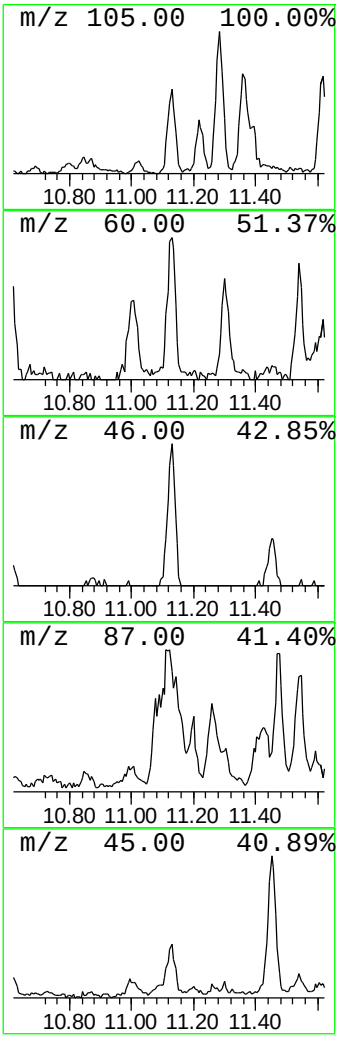
Peak Number 30 unknown-10 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	7.80 ng/ul	181594	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	27
2	1,2-Difluoroethane	66	C2H4F2	000624-72-6	25
3	Thiazole, 2-ethyl-4,5-dihydro-	115	C5H9NS	016982-46-0	17
4	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	10
5	Hexanoic acid	116	C6H12O2	000142-62-1	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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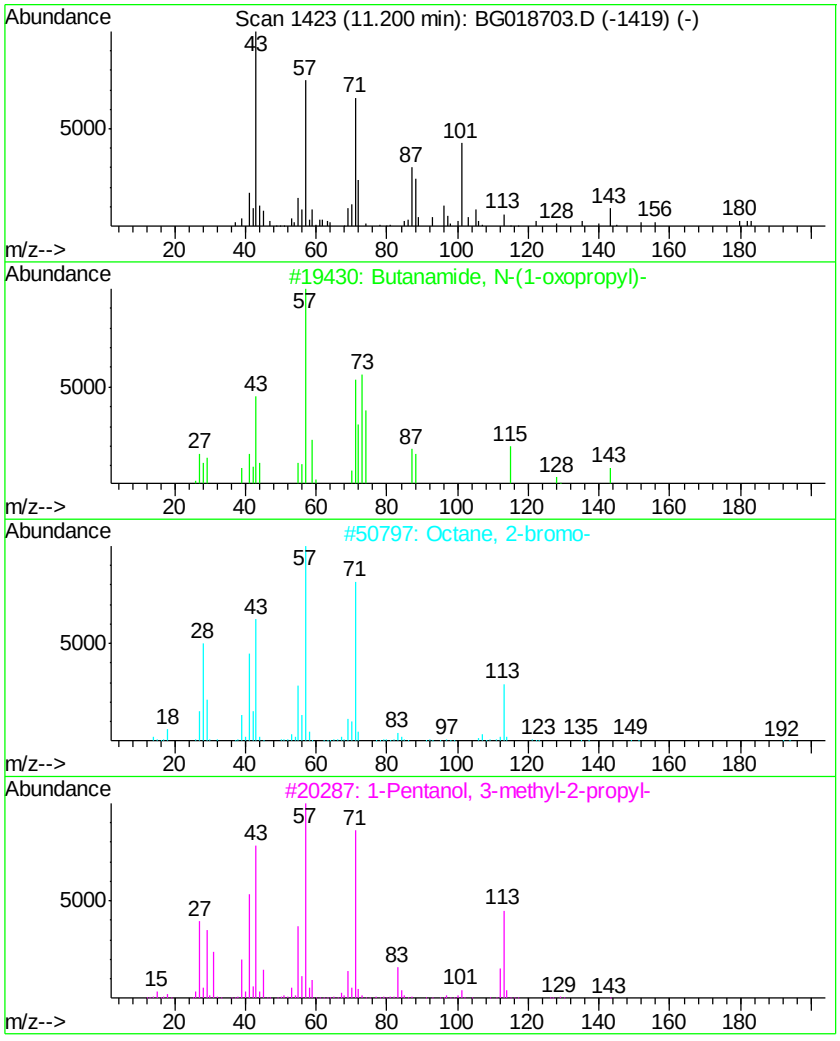
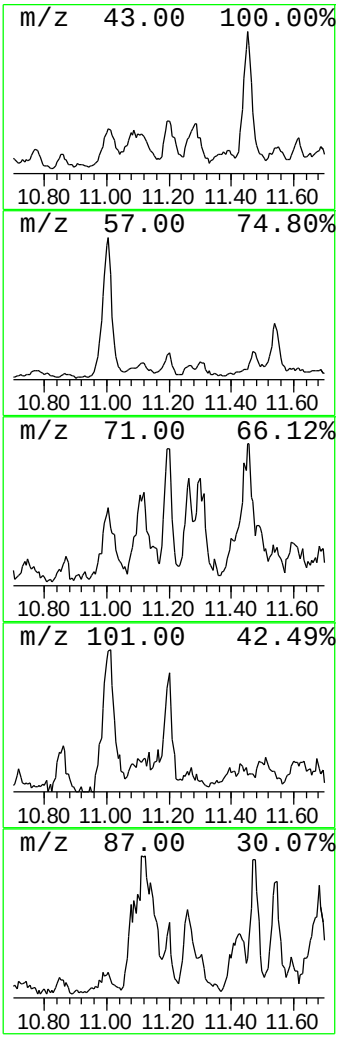
Peak Number 31 unknown-11 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.51 ng/ul	81705	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, N-(1-oxopropyl)-	143	C7H13NO2	032796-69-3	37
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	22
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	22
4	2-Hydroxypentadecyl propanoate	300	C18H36O3	077898-99-8	14
5	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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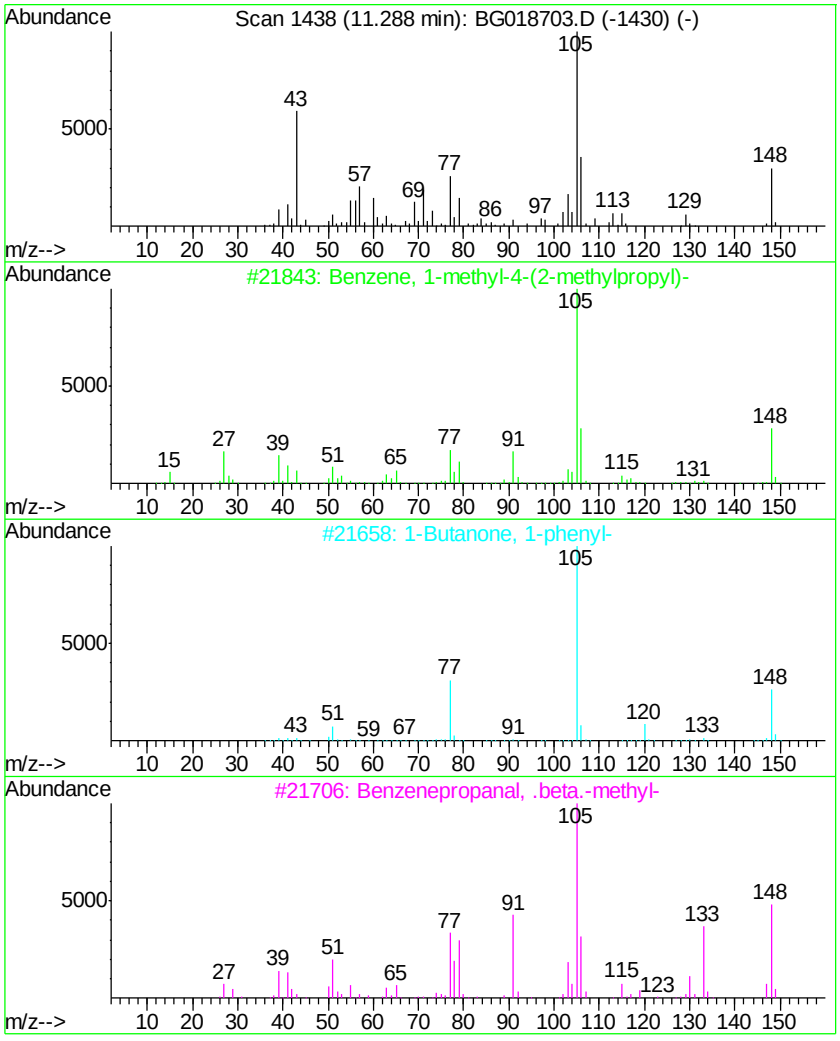
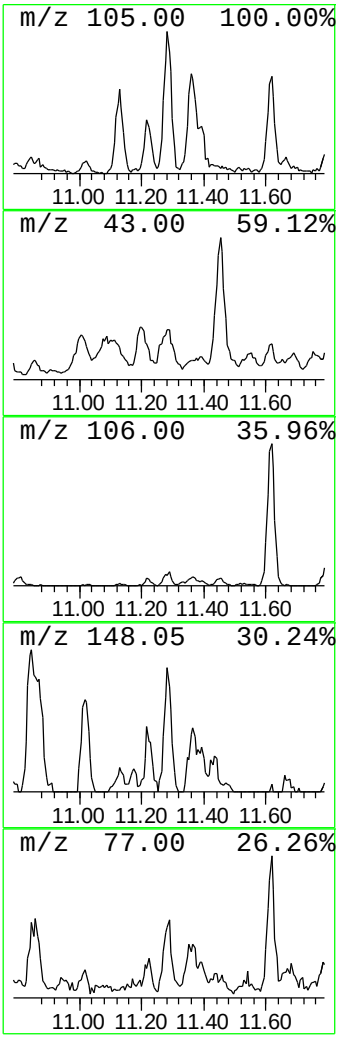
Peak Number 32 unknown-12 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	7.09 ng/ul	165017	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	43
2	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	38
3	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	38
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	32
5	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	32





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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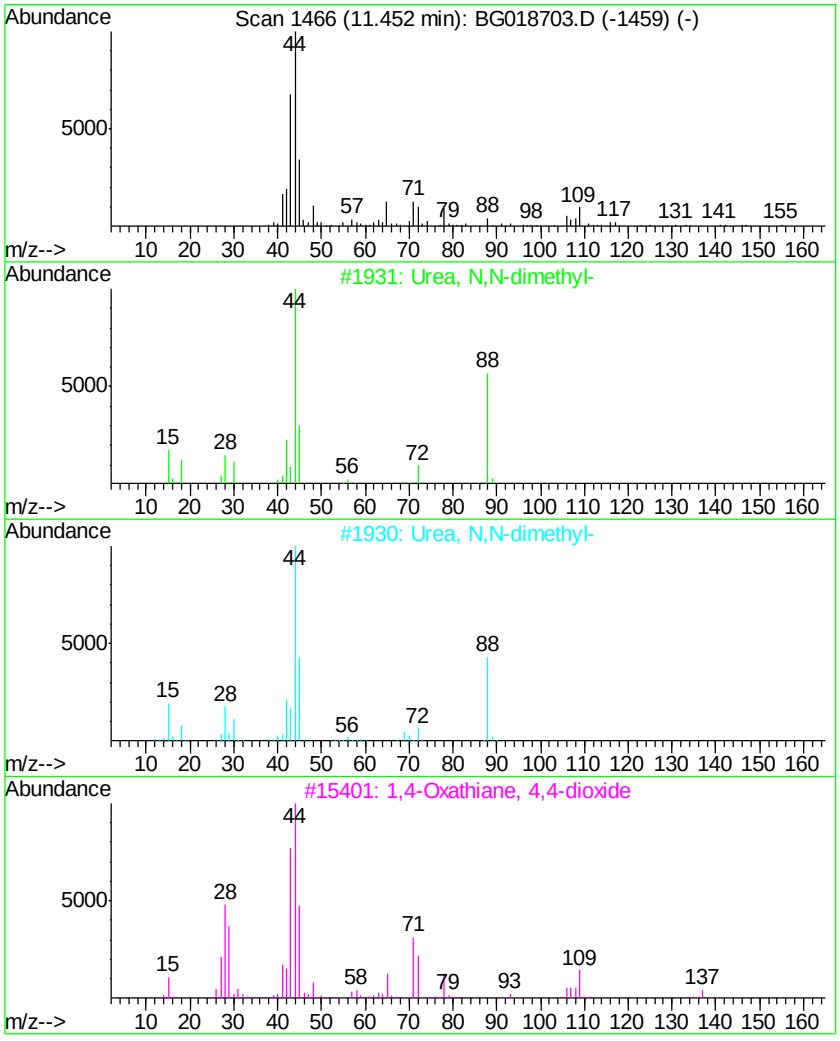
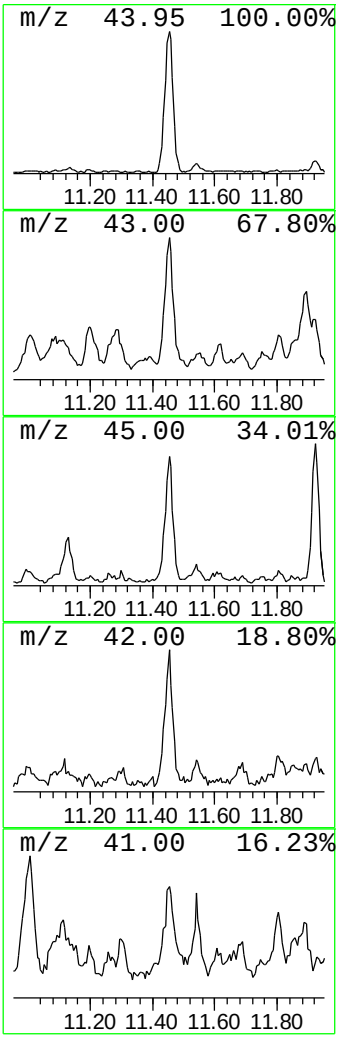
Peak Number 33 Urea, N,N-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	13.19 ng/ul	307278	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	53
2	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	50
3	1,4-Oxathiane, 4,4-dioxide	136	C4H8O3S	000107-61-9	37
4	Acetic acid, hydroxy[(1-oxo-2-pr...	145	C5H7NO4	006737-24-2	28
5	Ethyl oxamate	117	C4H7NO3	000617-36-7	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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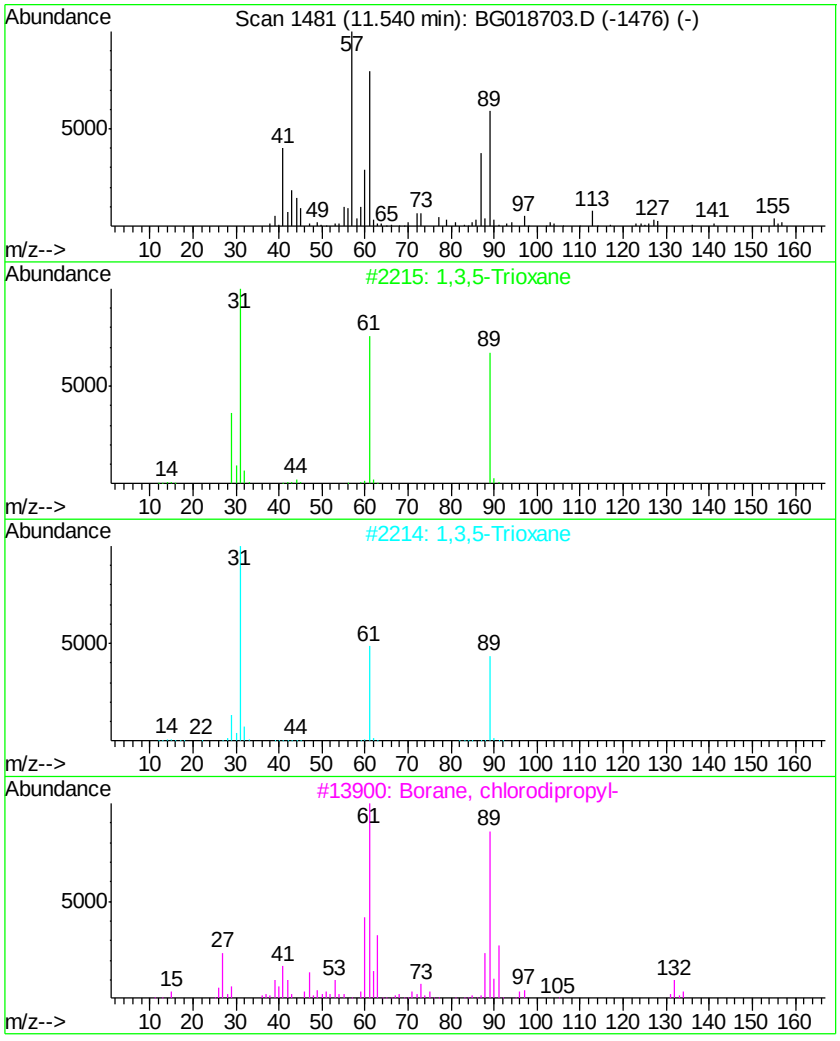
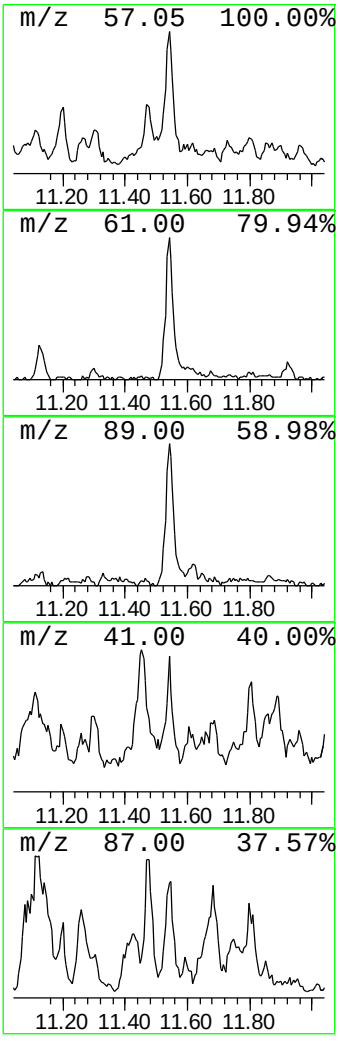
Peak Number 34 unknown-13 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	6.57 ng/ul	153000	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trioxane	90	C3H6O3	000110-88-3	49
2	1,3,5-Trioxane	90	C3H6O3	000110-88-3	46
3	Borane, chlorodipropyl-	132	C6H14BCl	022086-53-9	36
4	N,N-Dimethyl-O-(1-methyl-butyl)-...	131	C7H17NO	1000190-16-8	32
5	.beta.-D-Glucopyranose, 1-thio-,...	341	C12H23NO6S2	077171-29-0	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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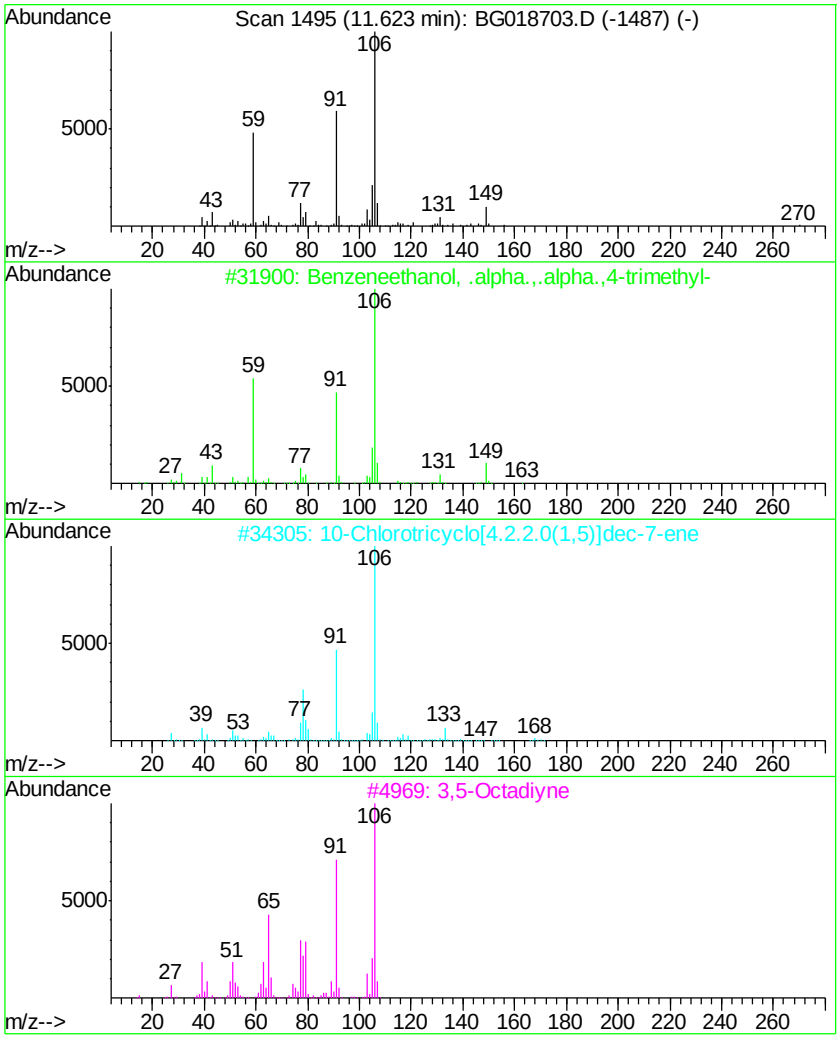
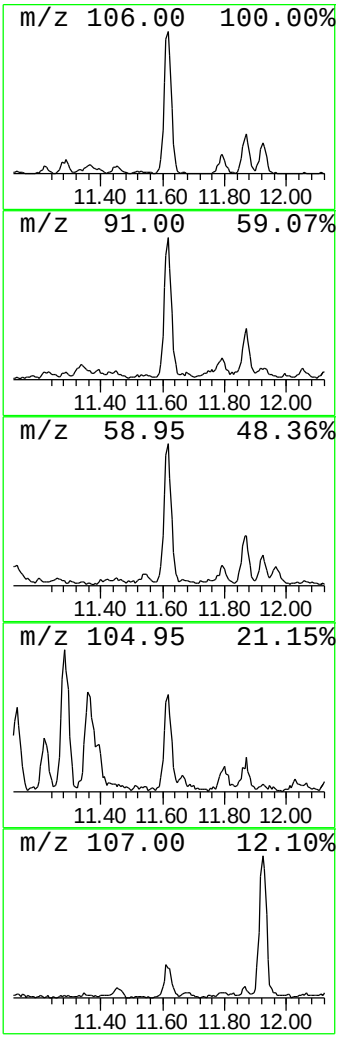
Peak Number 35 Benzeneethanol, .alpha.,.al... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	13.48 ng/ul	313859	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .alpha.,.alpha.,...	164	C11H16O	020834-59-7	90
2	10-Chlorotricyclo[4.2.2.0(1,5)]d...	168	C10H13Cl	1000186-22-5	50
3	3,5-Octadiyne	106	C8H10	016387-70-5	50
4	Tricyclo[5.2.1.0(1,5)]dec-5-en-8-ol	150	C10H14O	1000188-20-8	47
5	p-Xylene	106	C8H10	000106-42-3	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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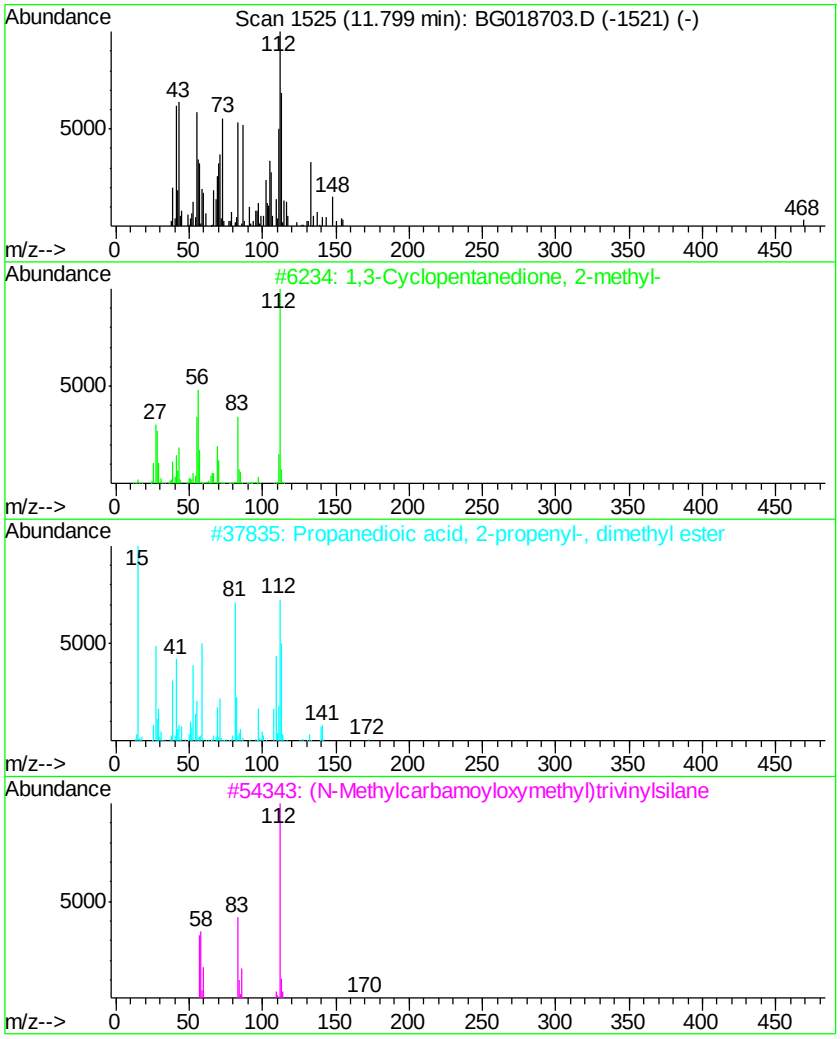
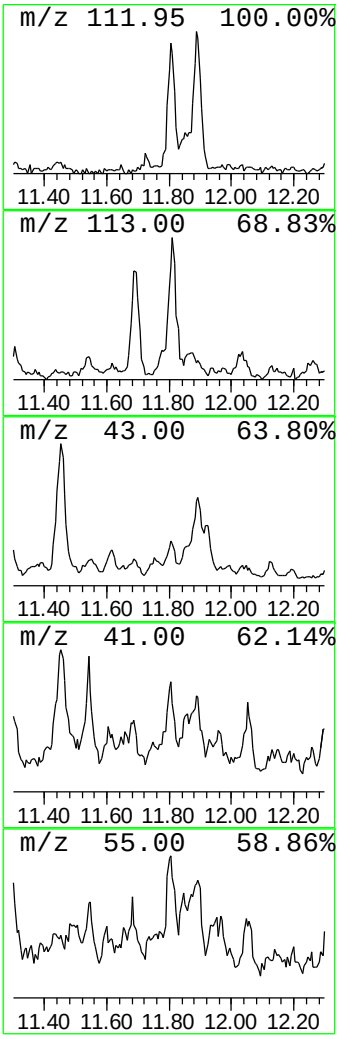
Peak Number 36 unknown-14 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.50 ng/ul	128192	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-methyl-	112	C6H8O2	000765-69-5	38
2	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	37
3	(N-Methylcarbamoyloxymethyl)triv...	197	C9H15NO2Si	120491-41-0	35
4	Piperidine, 1,3-dimethyl-	113	C7H15N	000695-35-2	30
5	1,2-Cyclopentanedione, 3-methyl-	112	C6H8O2	000765-70-8	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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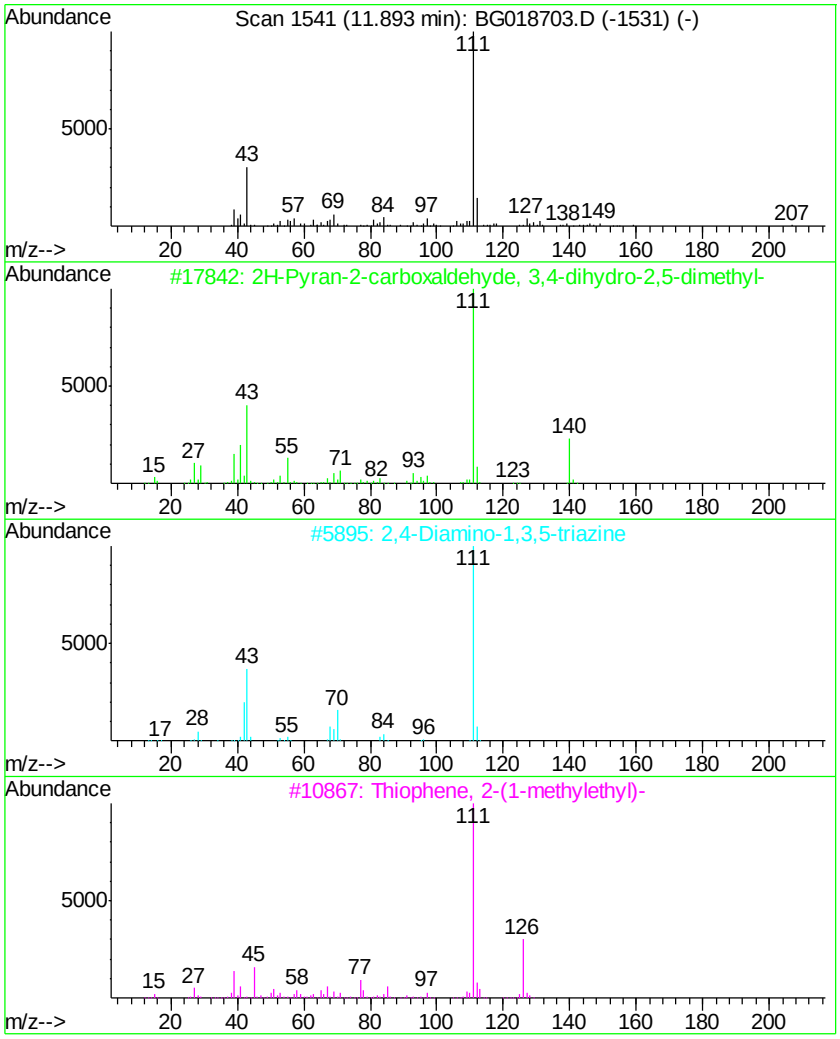
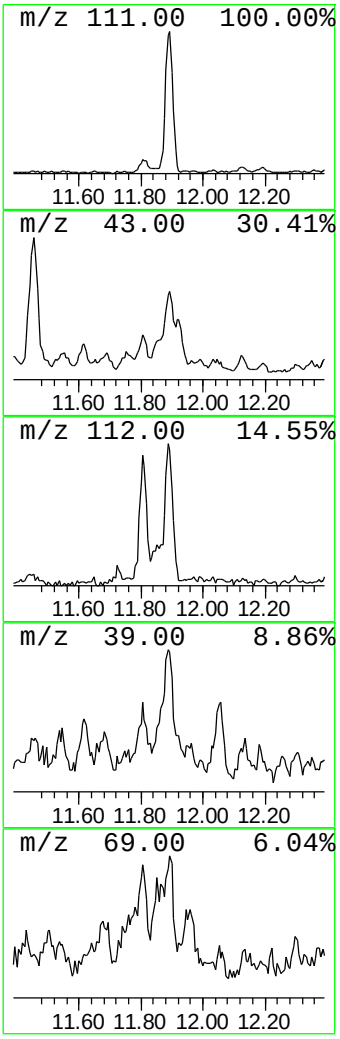
Peak Number 37 2H-Pyran-2-carboxaldehyde, ... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	12.47 ng/ul	290379	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	64
2	2,4-Diamino-1,3,5-triazine	111	C3H5N5	000504-08-5	64
3	Thiophene, 2-(1-methylethyl)-	126	C7H10S	004095-22-1	64
4	2,4-Dihydroxypyridine	111	C5H5NO2	000626-03-9	59
5	2(3H)-Furanone, 5-ethenyldihydro...	126	C7H10O2	001073-11-6	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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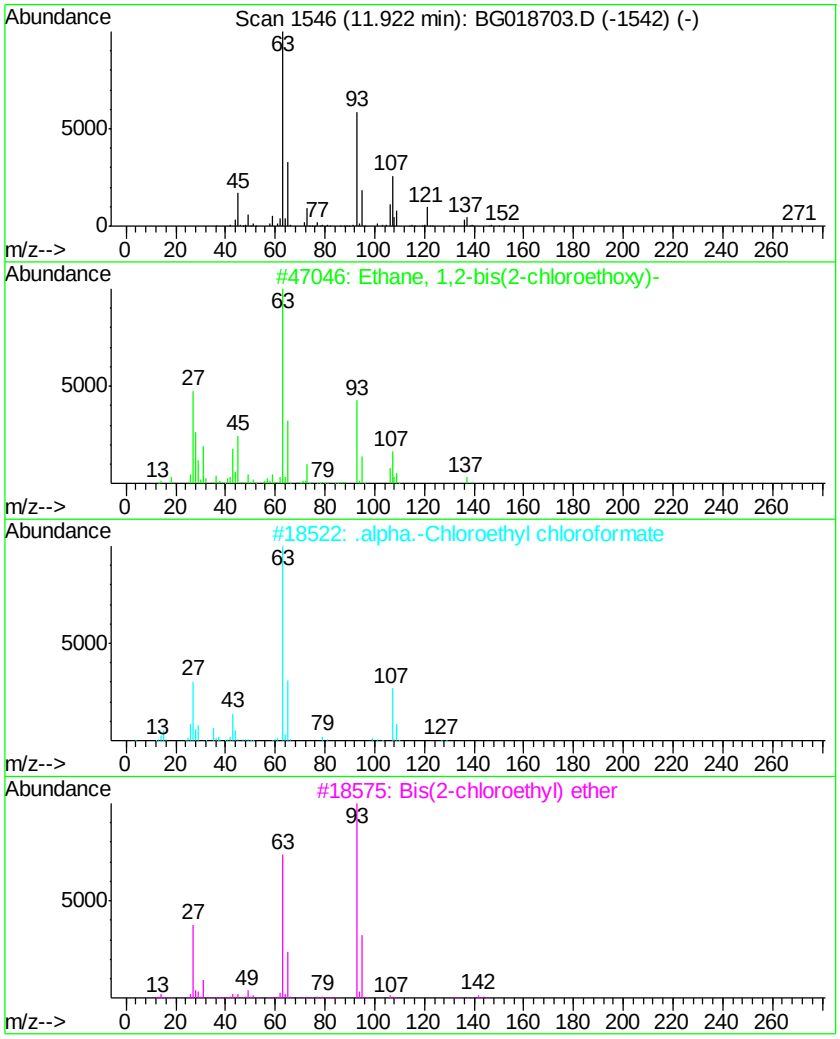
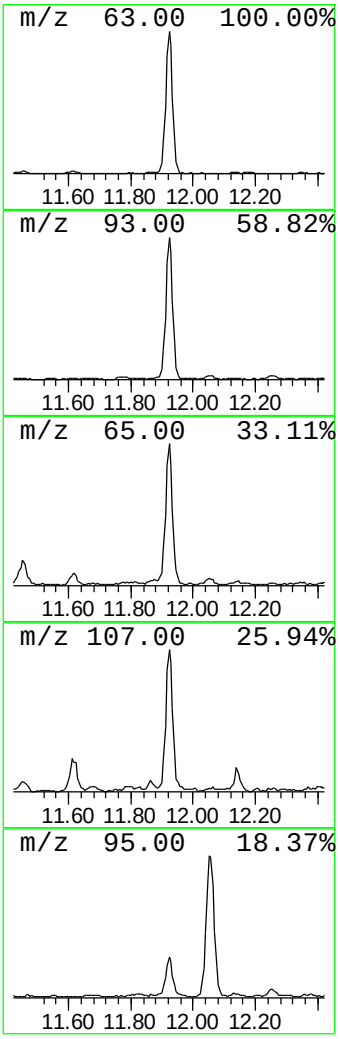
Peak Number 38 Ethane, 1,2-bis(2-chloroeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	20.56 ng/ul	478880	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	90
2	.alpha.-Chloroethyl chloroformate	142	C3H4Cl2O2	050893-53-3	64
3	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	56
4	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	56
5	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018703.D
Acq On : 16 Sep 2015 11:54
Operator : TP
Sample : G3641-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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...	3.18	36.1	ng/ul	612419	1	8.00	339126	20.0
Butanamide, 3,3-d...	5.44	42.7	ng/ul	724338	1	8.00	339126	20.0
unknown-01	5.56	8.1	ng/ul	137957	1	8.00	339126	20.0
1,4-Oxathiane	5.94	74.0	ng/ul	1254570	1	8.00	339126	20.0
Benzene, 1,2,3-tr...	7.65	13.1	ng/ul	222321	1	8.00	339126	20.0
(DEL) Alkane: Cyc...	8.09	50.1	ng/ul	850174	1	8.00	339126	20.0
Hexanoic acid, 2,...	8.26	11.7	ng/ul	198232	1	8.00	339126	20.0
Cyclohexanone, 3,...	8.43	130.2	ng/ul	2206800	1	8.00	339126	20.0
Butane, 1,1'-[met...	8.54	26.8	ng/ul	453951	1	8.00	339126	20.0
Benzene, 1-methyl...	8.64	23.7	ng/ul	401584	1	8.00	339126	20.0
Benzene, 2-ethyl-...	8.96	20.0	ng/ul	338675	1	8.00	339126	20.0
Benzene, 1-methyl...	9.44	6.7	ng/ul	156552	2	10.81	465814	20.0
unknown-02	9.50	16.3	ng/ul	380500	2	10.81	465814	20.0
Benzene, 1,2,4,5-...	9.63	16.5	ng/ul	384256	2	10.81	465814	20.0
Benzene, 1-methyl...	10.21	36.0	ng/ul	837978	2	10.81	465814	20.0
unknown-03	10.27	3.9	ng/ul	90909	2	10.81	465814	20.0
unknown-04	10.35	14.2	ng/ul	330307	2	10.81	465814	20.0
unknown-05	10.49	11.6	ng/ul	269085	2	10.81	465814	20.0
unknown-06	10.54	4.1	ng/ul	95707	2	10.81	465814	20.0
unknown-07	10.61	11.4	ng/ul	265319	2	10.81	465814	20.0
unknown-08	10.67	3.5	ng/ul	81375	2	10.81	465814	20.0
unknown-09	11.01	16.9	ng/ul	392679	2	10.81	465814	20.0
unknown-10	11.12	7.8	ng/ul	181594	2	10.81	465814	20.0
unknown-11	11.20	3.5	ng/ul	81705	2	10.81	465814	20.0
unknown-12	11.29	7.1	ng/ul	165017	2	10.81	465814	20.0
Urea, N,N-dimethyl-	11.45	13.2	ng/ul	307278	2	10.81	465814	20.0
unknown-13	11.54	6.6	ng/ul	153000	2	10.81	465814	20.0
Benzeneethanol, ...	11.62	13.5	ng/ul	313859	2	10.81	465814	20.0
unknown-14	11.80	5.5	ng/ul	128192	2	10.81	465814	20.0
2H-Pyran-2-carbox...	11.89	12.5	ng/ul	290379	2	10.81	465814	20.0
Ethane, 1,2-bis(2...	11.92	20.6	ng/ul	478880	2	10.81	465814	20.0