LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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	2.888	5	8	13	rVB2	26476	32852	0.40%	0.084%
2	3.105	40	45	53	rBV	77534	140722	1.72%	0.358%
3	3.181	53	58	73	rVB	1394608	1874424	22.87%	4.771%
4	3.475	104	108	114	rVB2	37479	49890	0.61%	0.127%
5	3.769	155	158	164	rVB3	5906	8850	0.11%	0.023%
6	4.104	211	215	222	rVB9	8008	15237	0.19%	0.039%
7	5.144	386	392	397	rVB5	10919	18655	0.23%	0.047%
8	5.443	433	443	450	rBV	158578	232853	2.84%	0.593%
9	5.937	520	527	535	rBV	565326	920167	11.23%	2.342%
10	6.272	578	584	586	rBV5	10657	15031	0.18%	0.038%
11	6.301	586	589	592	rVB2	13324	17842	0.22%	0.045%
12	6.466	611	617	619	rBV3	7670	13983	0.17%	0.036%
13	6.530	624	628	633	rVB	14402	24470	0.30%	0.062%
14	7.165	729	736	745	rBV	70907	138482	1.69%	0.352%
15	7.324	754	763	770	rBV	235774	386234	4.71%	0.983%
16	7.423	772	780	788	rVV	1516010	2396994	29.25%	6.101%
17	7.535	793	799	810	rVB2	238007	436304	5.32%	1.110%
18	8.005	866	879	888	rBV	229084	421405	5.14%	1.073%
19	8.228	913	917	923	rVB7	4115	8859	0.11%	0.023%
20	8.428	942	951	957	rBV	604149	970801	11.85%	2.471%
21	8.469	957	958	965	rVV5	10940	14593	0.18%	0.037%
22	8.540	965	970	976	rVB3	8847	15704	0.19%	0.040%
23	8.622	976	984	991	rBV	340756	565588	6.90%	1.439%
24	8.704	991	998	1009	rVB	208244	378422	4.62%	0.963%
25	9.157	1068	1075	1086	rVB	265330	462557	5.64%	1.177%
26	9.374	1106	1112	1117	rBV7	7542	14233	0.17%	0.036%
27	9.879	1191	1198	1206	rBV	217249	391719	4.78%	0.997%
28	10.420	1281	1290	1303	rBV	376404	686076	8.37%	1.746%
29	10.608	1317	1322	1328	rVB3	24283	41939	0.51%	0.107%
30	10.808	1348	1356	1371	rBV	340395	636402	7.77%	1.620%
31	10.937	1371	1378	1383	rBV2	15024	29540	0.36%	0.075%
32	11.125	1402	1410	1419	rBV	368189	645380	7.88%	1.643%
33	11.613	1488	1493	1496	rVB5	5549	9139	0.11%	0.023%
34	11.936	1538	1548	1554	rBV	4622581	8194950	100.00%	20.857%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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	12.012	1555	1561	1567	rVB	49399	86033	1.05%	0.219%
36	12.142	1573	1583	1584	rBV2	22031	37407	0.46%	0.095%
37	12.171	1584	1588	1596	rVB	78938	127048	1.55%	0.323%
38	12.882	1702	1709	1721	rBV7	11871	36443	0.44%	0.093%
39	12.988	1721	1727	1731	rBV8	4656	9102	0.11%	0.023%
40	13.199	1758	1763	1765	rBV3	9704	15186	0.19%	0.039%
41	13.234	1765	1769	1776	rVB6	10760	18925	0.23%	0.048%
42	13.481	1806	1811	1814	rBV4	11204	17842	0.22%	0.045%
43	13.622	1831	1835	1846	rBV7	17160	35369	0.43%	0.090%
44	13.881	1875	1879	1884	rVB6	7123	12619	0.15%	0.032%
45	13.939	1884	1889	1894	rBV	35458	64344	0.79%	0.164%
46	13.992	1894	1898	1899	rVV3	20426	29503	0.36%	0.075%
47	14.028	1899	1904	1910	rVB	756374	1080361	13.18%	2.750%
48	14.321	1947	1954	1968	rVB	889990	1397174	17.05%	3.556%
49	14.627	1996	2006	2018	rBV2	635856	1092213	13.33%	2.780%
50	14.774	2028	2031	2034	rVB4	8236	9102	0.11%	0.023%
51	14.821	2034	2039	2050	rVV2	64774	125397	1.53%	0.319%
52	14.926	2054	2057	2061	rVB5	11342	15778	0.19%	0.040%
53	15.026	2070	2074	2080	rVB7	9742	15412	0.19%	0.039%
54	15.097	2080	2086	2092	rBV	82079	119333	1.46%	0.304%
55	15.256	2108	2113	2118	rVV6	6634	10110	0.12%	0.026%
56	15.367	2127	2132	2137	rBV5	8951	15487	0.19%	0.039%
57	15.432	2137	2143	2149	rVB3	17152	27738	0.34%	0.071%
58	15.620	2168	2175	2181	rBV	1233777	1870002	22.82%	4.759%
59	15.731	2188	2194	2203	rVB	303065	462227	5.64%	1.176%
60	15.855	2208	2215	2221	rVB4	16150	29848	0.36%	0.076%
61	16.019	2240	2243	2248	rVB5	10902	15151	0.18%	0.039%
62	16.119	2254	2260	2264	rBV2	19994	28502	0.35%	0.073%
63	16.196	2269	2273	2277	rBV7	10331	17883	0.22%	0.046%
64	16.501	2320	2325	2329	rVB2	9414	13944	0.17%	0.035%
65	16.630	2343	2347	2353	rBV3	12812	19706	0.24%	0.050%
66	16.924	2390	2397	2403	rVB2	81233	120138	1.47%	0.306%
67	17.048	2414	2418	2422	rVB4	13621	20710	0.25%	0.053%
68	17.159	2433	2437	2443	rVB5	13205	18352	0.22%	0.047%
69	17.371	2466	2473	2479	rBV	855304	1292587	15.77%	3.290%
70	17.424	2479	2482	2483	rVV	18013	17711	0.22%	0.045%
71	17.465	2483	2489	2498	rVB	1329572	2086550	25.46%	5.310%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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	18.017	2580	2583	2587	rVV4	9302	12128	0.15%	0.031%
73	18.070	2587	2592	2600	rVV	150275	228507	2.79%	0.582%
74	18.246	2614	2622	2629	rBV9	14660	32066	0.39%	0.082%
75	18.323	2632	2635	2641	rVV	14470	18471	0.23%	0.047%
76	18.939	2736	2740	2746	rVB6	6205	8657	0.11%	0.022%
77	18.998	2746	2750	2756	rBV8	13514	20572	0.25%	0.052%
78	19.139	2772	2774	2778	rBV5	7178	9967	0.12%	0.025%
79	19.298	2795	2801	2809	rBV3	54096	66827	0.82%	0.170%
80	19.392	2814	2817	2821	rVV5	11198	13839	0.17%	0.035%
81	19.521	2835	2839	2846	rBV9	9946	14506	0.18%	0.037%
82	19.639	2852	2859	2864	rBV3	20639	42912	0.52%	0.109%
83	19.750	2869	2878	2885	rBV	1717967	2416033	29.48%	6.149%
84	19.927	2903	2908	2910	rBV5	6750	8882	0.11%	0.023%
85	20.426	2989	2993	2997	rBV5	13977	16555	0.20%	0.042%
86	20.573	3015	3018	3021	rBV4	7033	9233	0.11%	0.023%
87	20.679	3032	3036	3041	rVB5	23149	34266	0.42%	0.087%
88	20.890	3066	3072	3076	rBV7	9873	16617	0.20%	0.042%
89	21.090	3103	3106	3109	rBV5	10022	11921	0.15%	0.030%
90	21.625	3190	3197	3205	rVB	955318	1497145	18.27%	3.810%
91	21.936	3245	3250	3261	rVB	121708	194455	2.37%	0.495%
92	22.018	3261	3264	3267	rBV5	6745	11352	0.14%	0.029%
93	23.699	3545	3550	3552	rBV6	10379	18107	0.22%	0.046%
94	24.592	3690	3702	3715	rBV	905471	2441595	29.79%	6.214%
95	24.809	3728	3739	3752	rVB3	534659	1506753	18.39%	3.835%
96	26.190	3972	3974	3978	rBV5	7289	9186	0.11%	0.023%
97	29.556	4543	4547	4551	rBV6	5294	9167	0.11%	0.023%

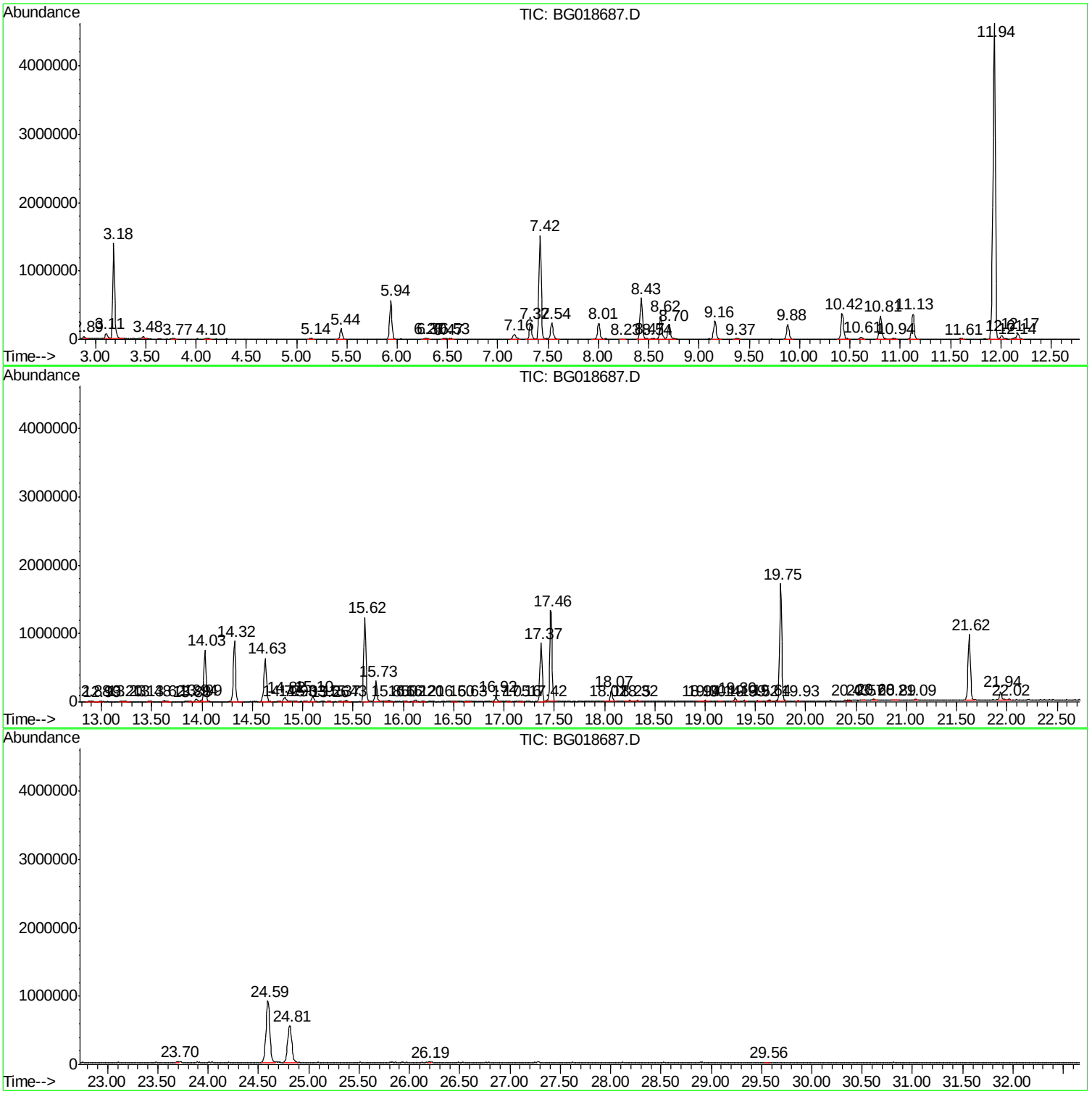
Sum of corrected areas: 39291253

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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

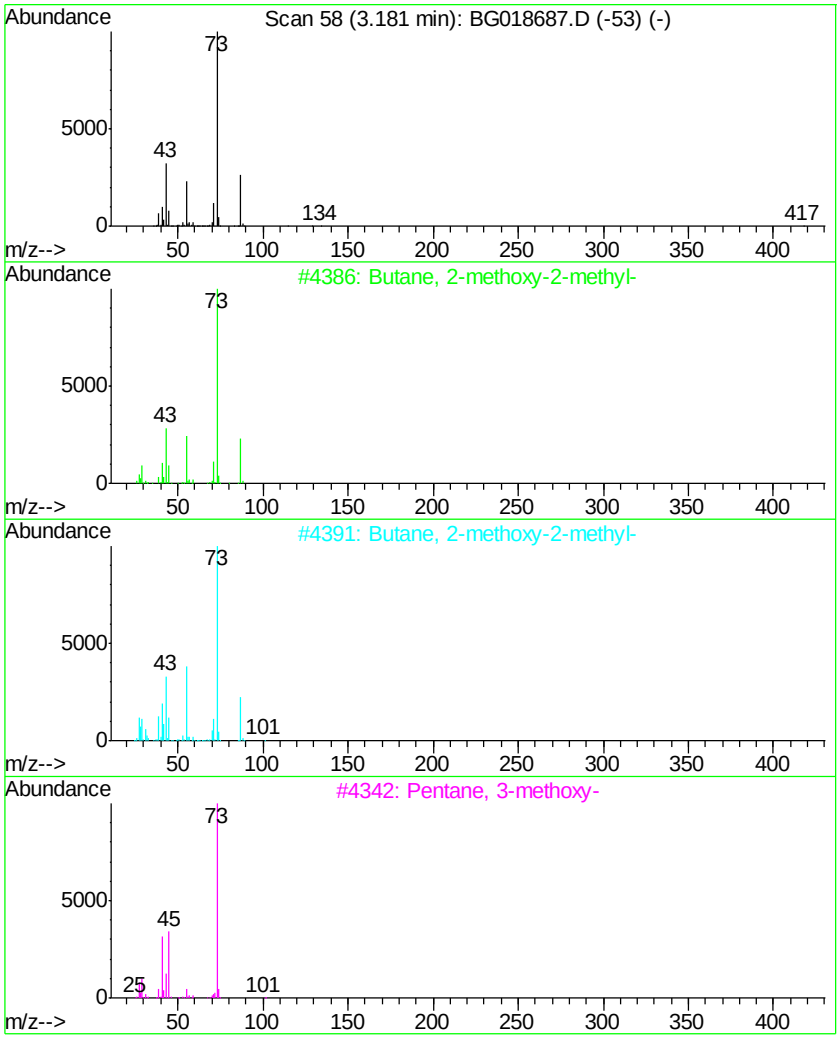
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

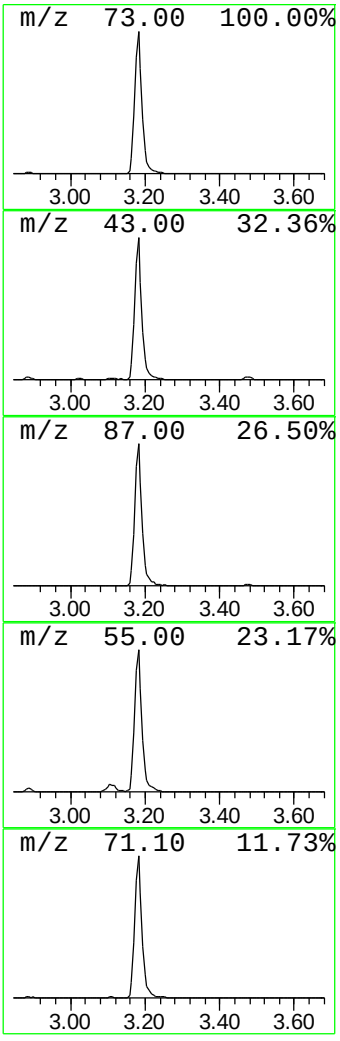
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	88.96 ng/ul	1874420	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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

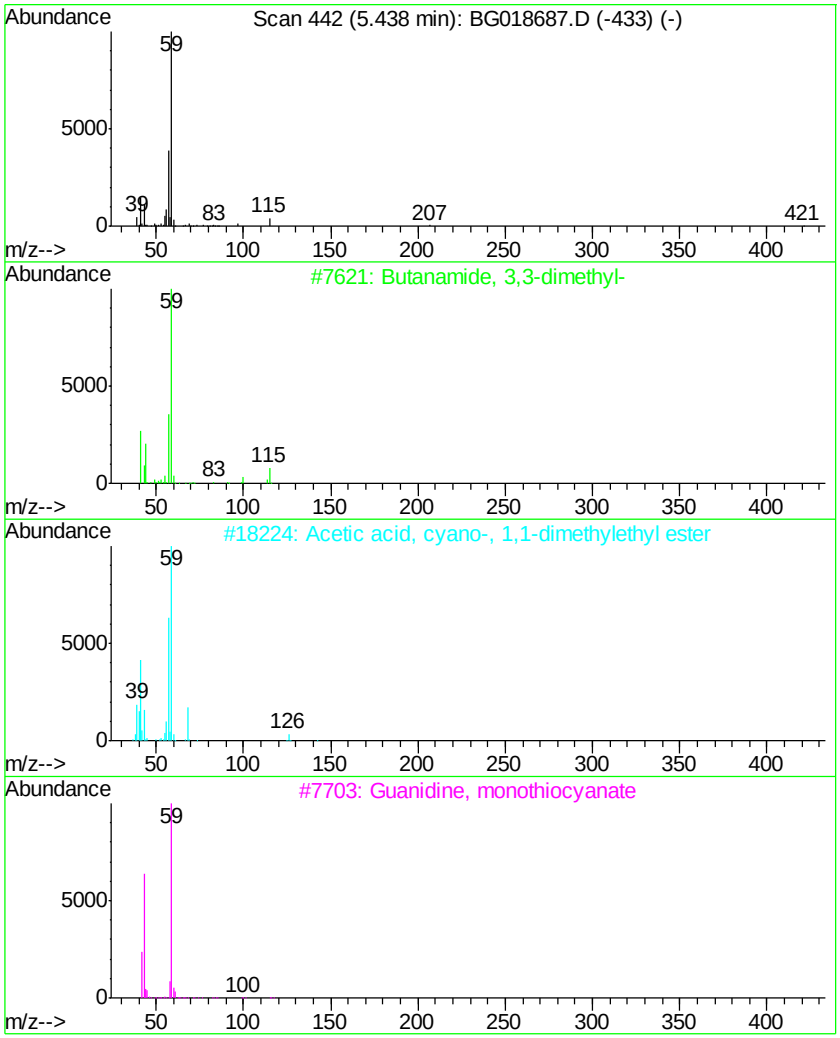
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

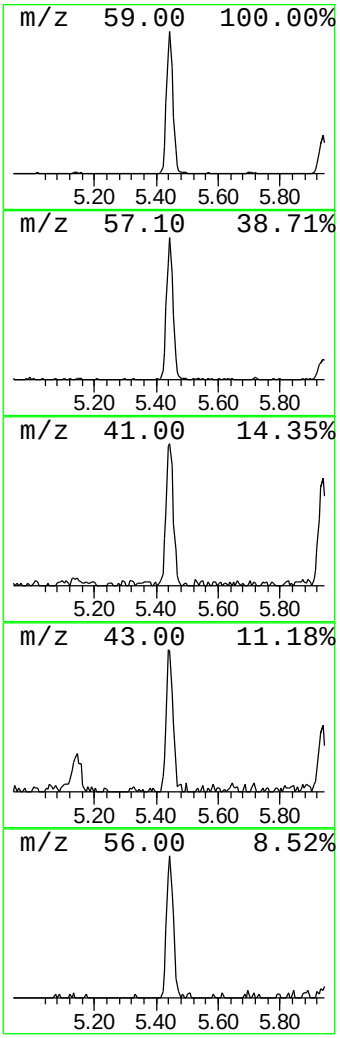
****

Peak Number 3 Butanamide, 3,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	11.05 ng/ul	232853	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	64
3	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	9
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9
5	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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

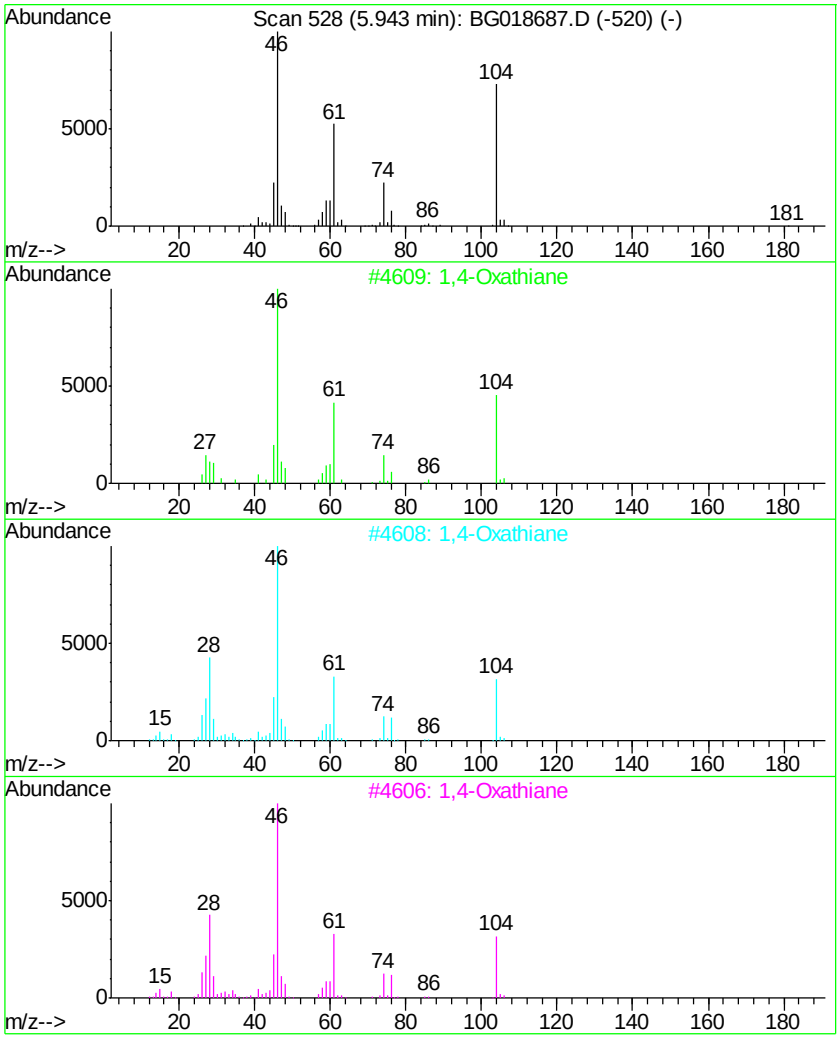
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

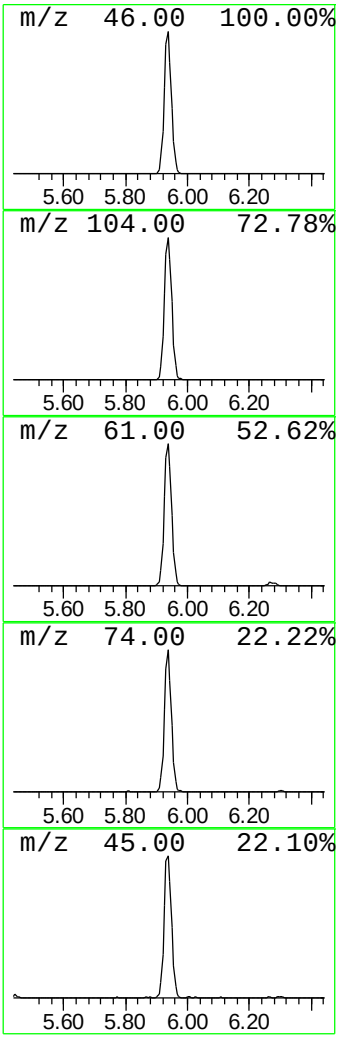
****

Peak Number 4 1,4-Oxathiane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	43.67 ng/ul	920167	1,4-Dichlorobenzene-d4	8.01

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	Thietane	74	C3H6S	000287-27-4	43
5	Thietane	74	C3H6S	000287-27-4	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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

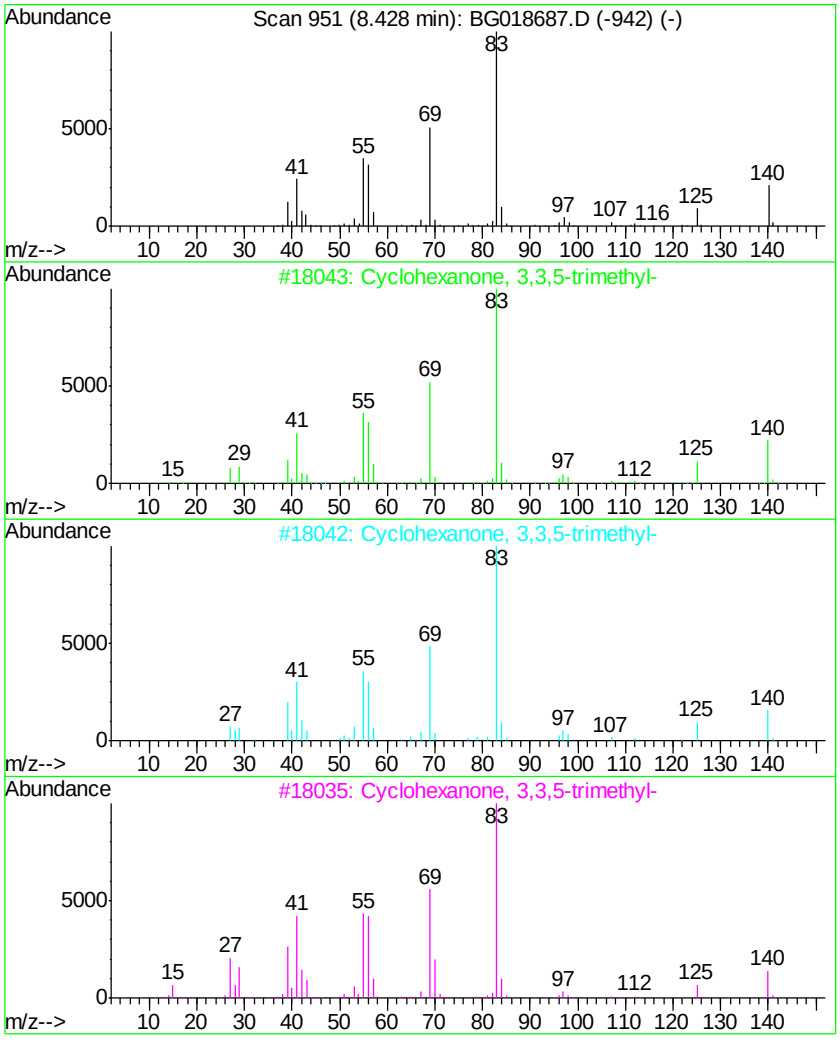
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

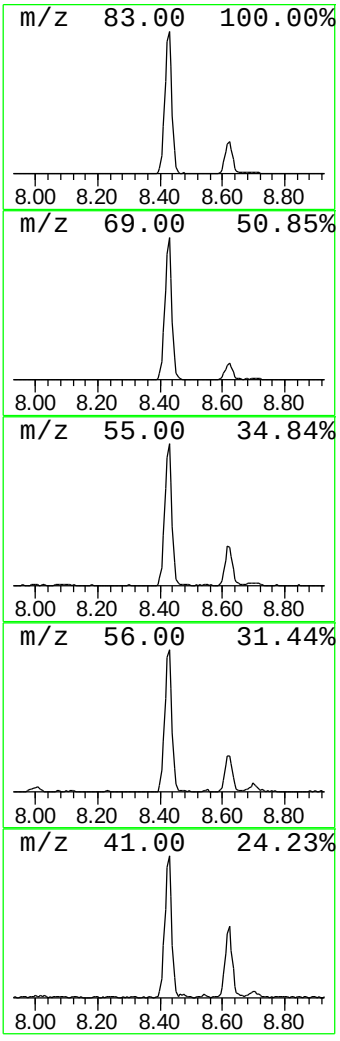
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	46.07 ng/ul	970801	1,4-Dichlorobenzene-d4	8.01

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	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	72
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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

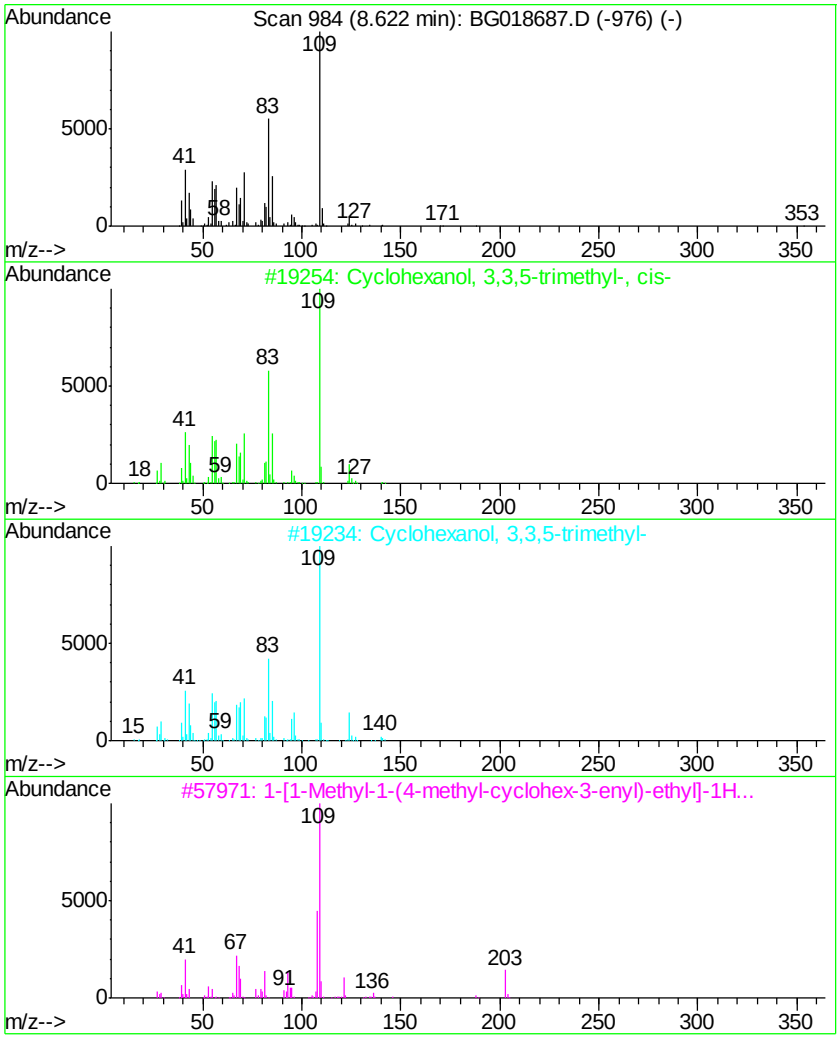
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

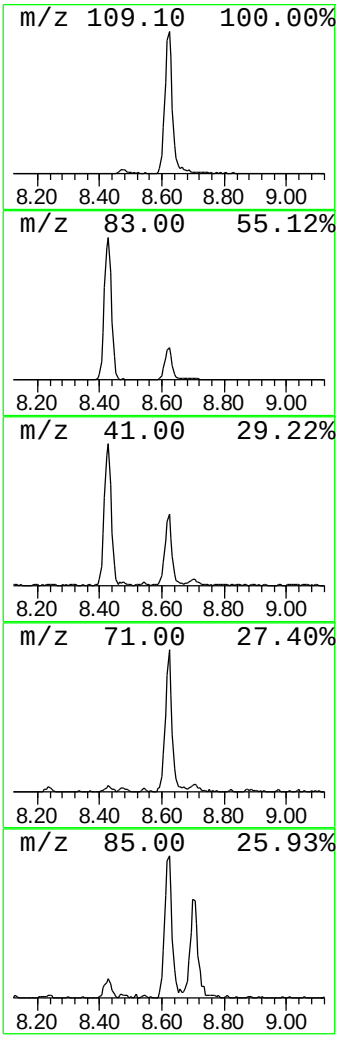
****

Peak Number 6 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	26.84 ng/ul	565588	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	90
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	42
3	1-[1-Methyl-1-(4-methyl-cyclohex...	203	C14H21N	1000192-41-8	38
4	Allyltrivinylsilane	150	C9H14Si	115946-69-5	38
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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

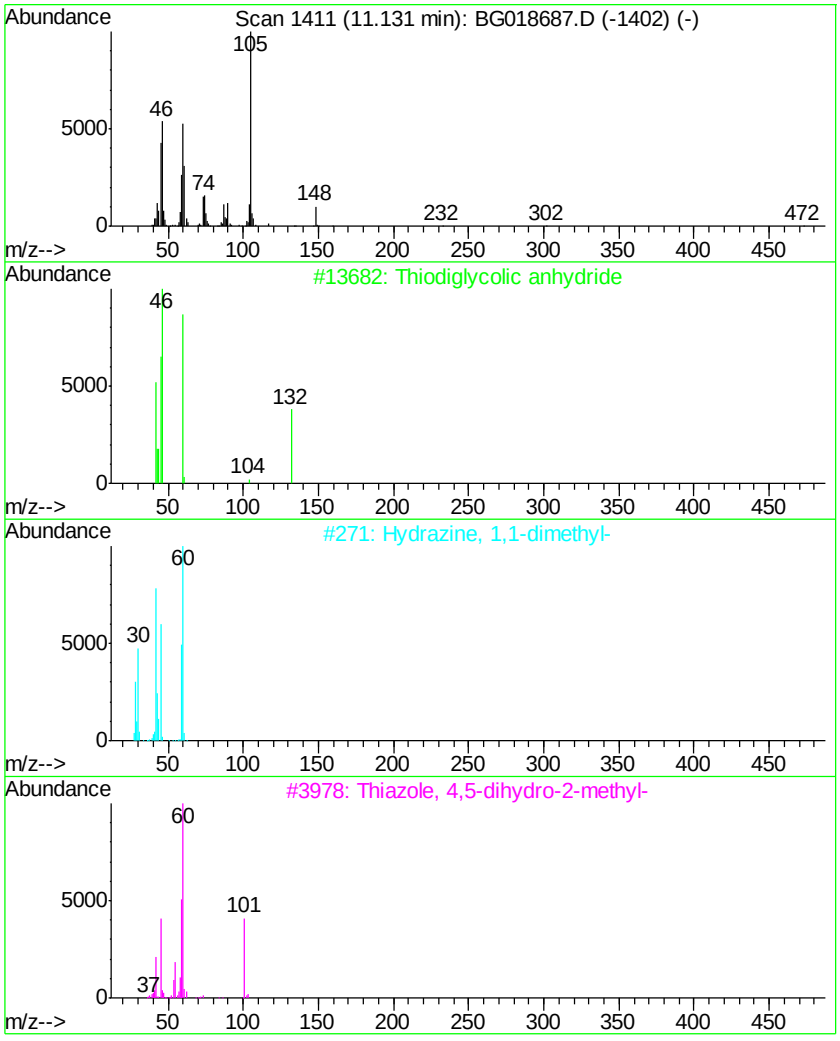
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

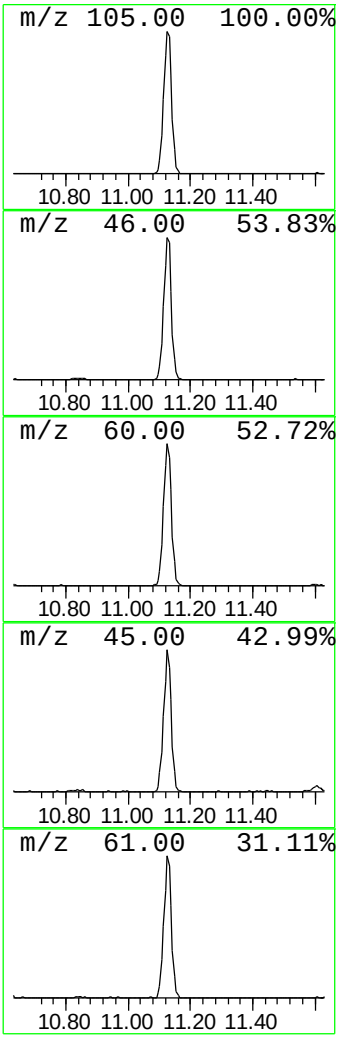
****

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	20.28 ng/ul	645380	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiodiglycolic anhydride	132	C4H4O3S	003261-87-8	37
2	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	35
3	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	25
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	22
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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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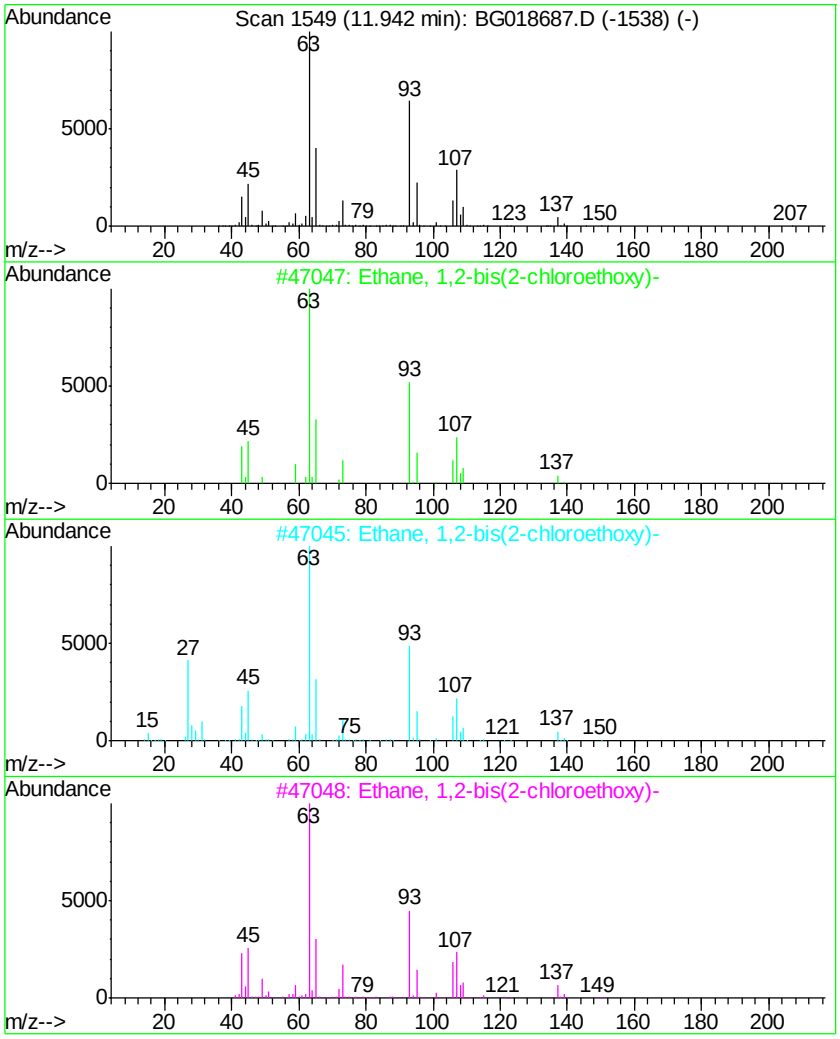
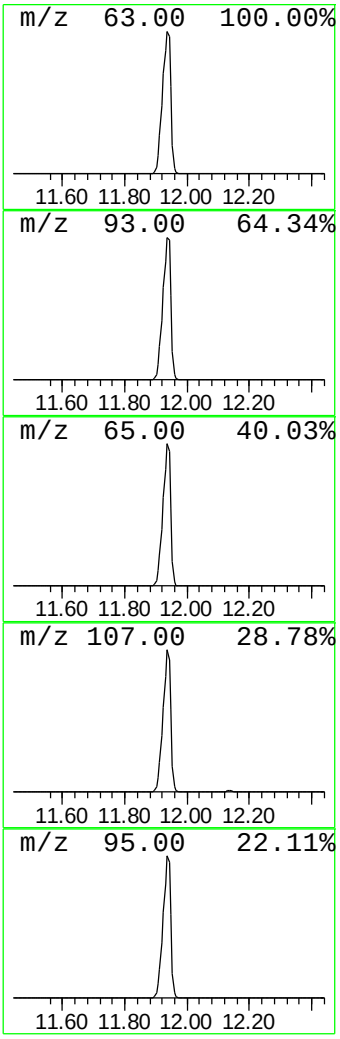
Peak Number 8 Ethane, 1,2-bis(2-chloroeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	257.54 ng/ul	8194950	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	91
2	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	90
3	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	74
4	Ethanol, 2-(2-chloroethoxy)-	124	C4H9ClO2	000628-89-7	56
5	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	56





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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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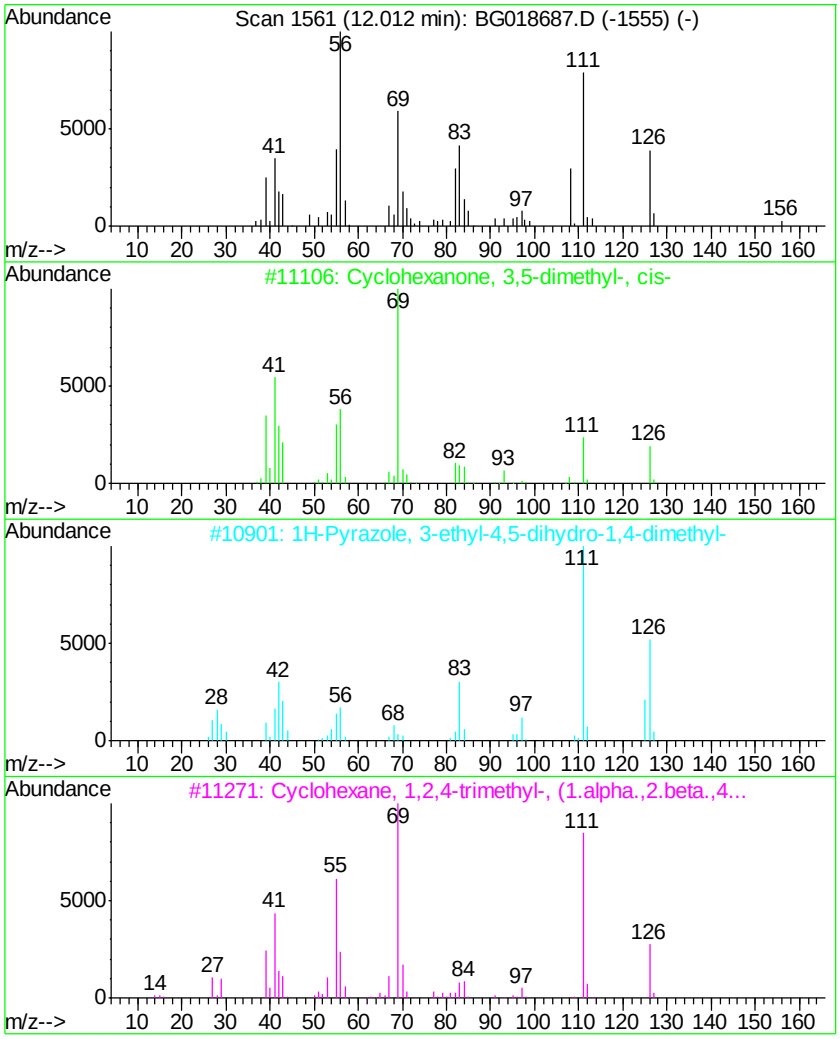
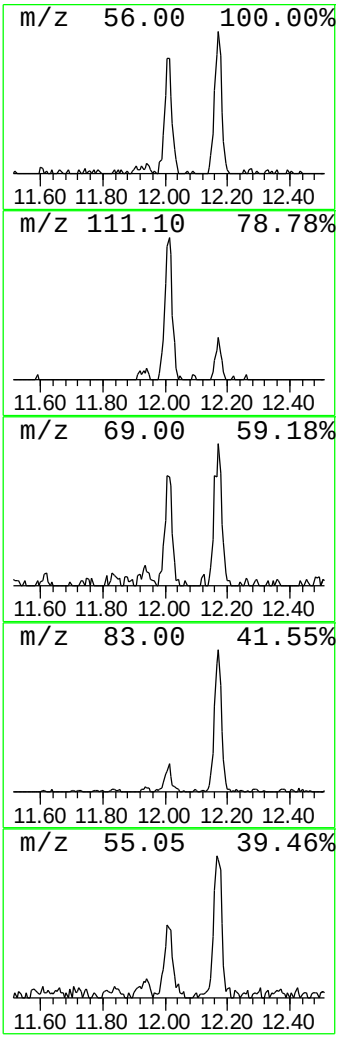
Peak Number 9 Cyclohexanone, 3,5-dimethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.70 ng/ul	86033	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	50
2	1H-Pyrazole, 3-ethyl-4,5-dihydro...	126	C7H14N2	075011-91-5	38
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	38
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
5	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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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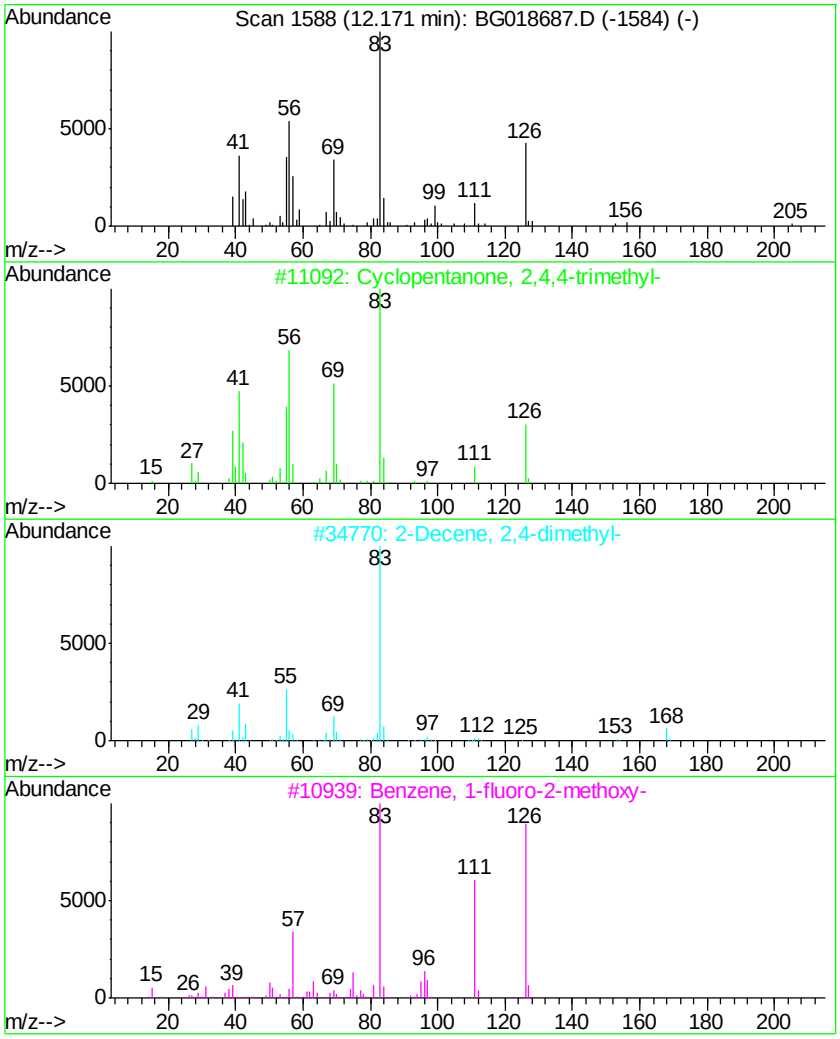
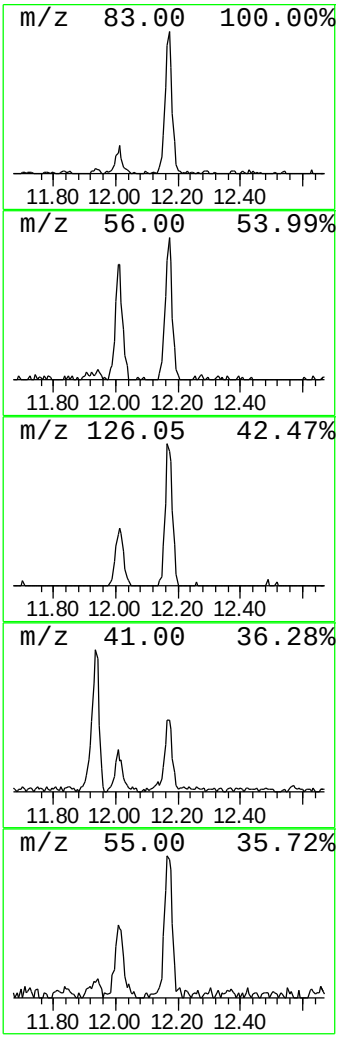
Peak Number 10 Cyclopentanone, 2,4,4-trime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	3.99 ng/ul	127048	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	83
2	2-Decene, 2,4-dimethyl-	168	C12H24	074421-03-7	38
3	Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	38
4	2-Decene, 2,4-dimethyl-	168	C12H24	074421-03-7	35
5	t-Butyl cyclohexaneperoxycarboxy...	200	C11H20O3	020396-49-0	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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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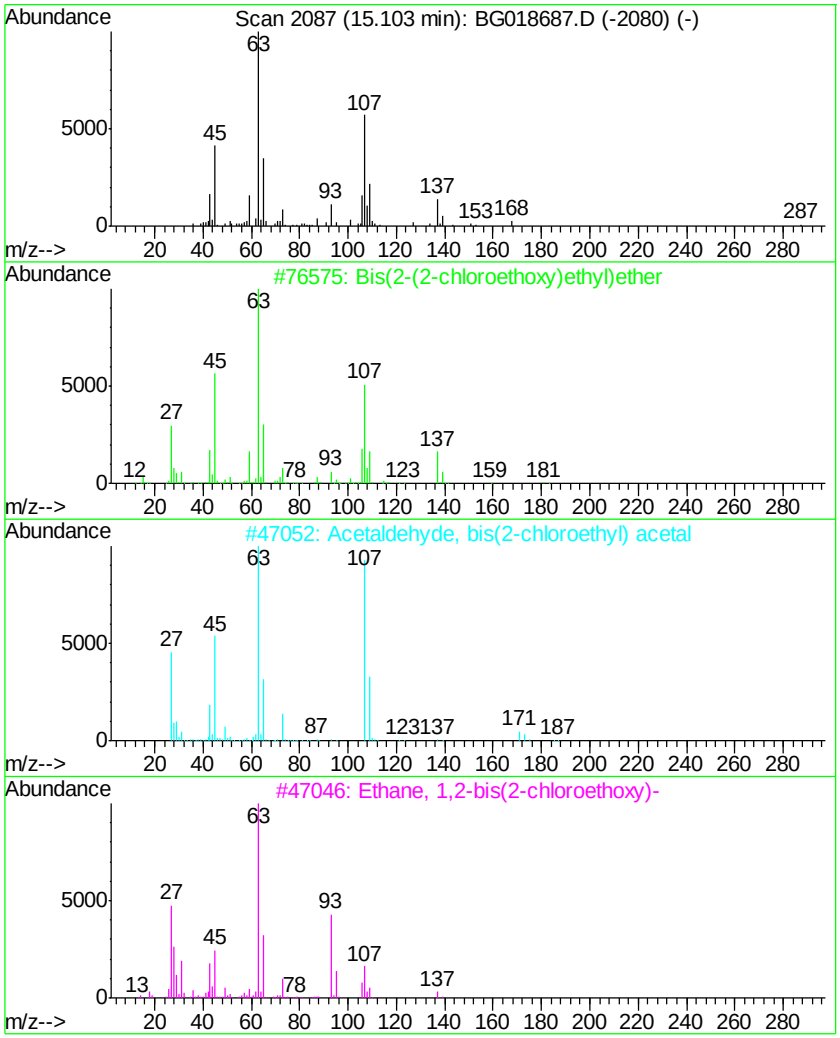
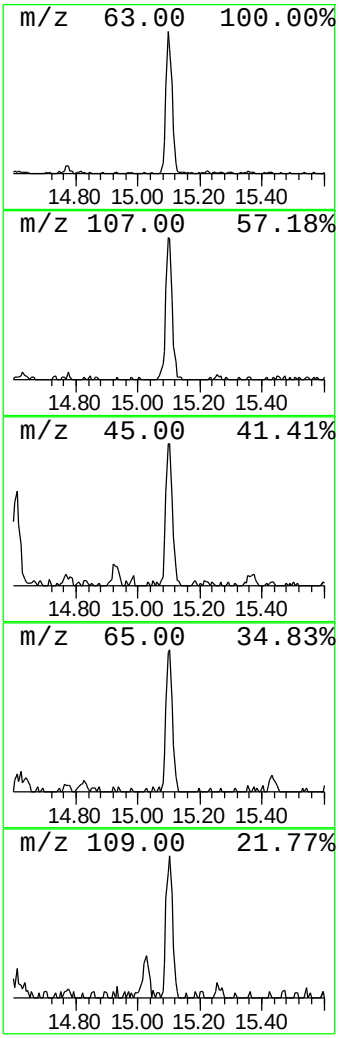
Peak Number 11 Bis(2-(2-chloroethoxy)ethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.19 ng/ul	119333	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-(2-chloroethoxy)ethyl)ether	230	C8H16Cl2O3	000638-56-2	83
2	Acetaldehyde, bis(2-chloroethyl)...	186	C6H12Cl2O2	014689-97-5	43
3	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	40
4	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	40
5	1,4-Bis[2-[2-(2-chloroethoxy)eth...	410	C18H28Cl2O6	199984-37-7	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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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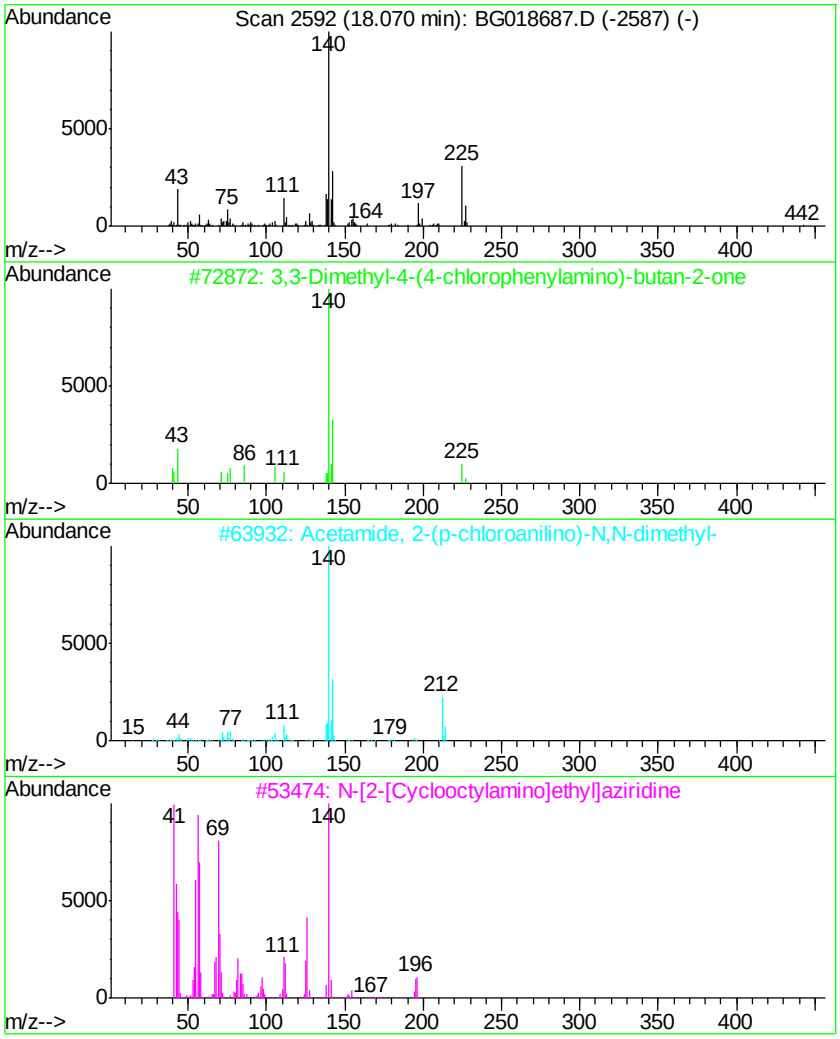
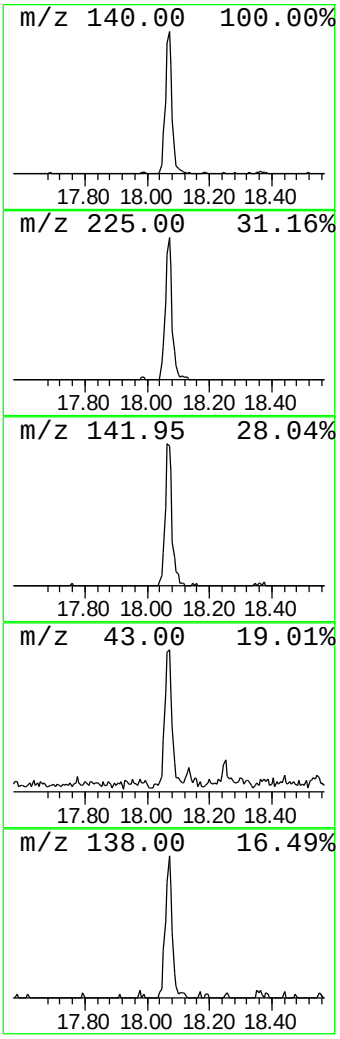
Peak Number 12 3,3-Dimethyl-4-(4-chlorophe... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.54 ng/ul	228507	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethyl-4-(4-chlorophenylam...	225	C12H16ClNO	085937-26-4	64
2	Acetamide, 2-(p-chloroanilino)-N...	212	C10H13ClN2O	090875-42-6	53
3	N-[2-[Cyclooctylamino]ethyl]azir...	196	C12H24N2	1000256-19-4	43
4	Pent-1-en-3-one, 4,4-dimethyl-1-...	197	C11H19NO2	1000259-86-0	43
5	3-Amino-3-(4-chlorophenyl)propio...	199	C9H10ClNO2	019947-39-8	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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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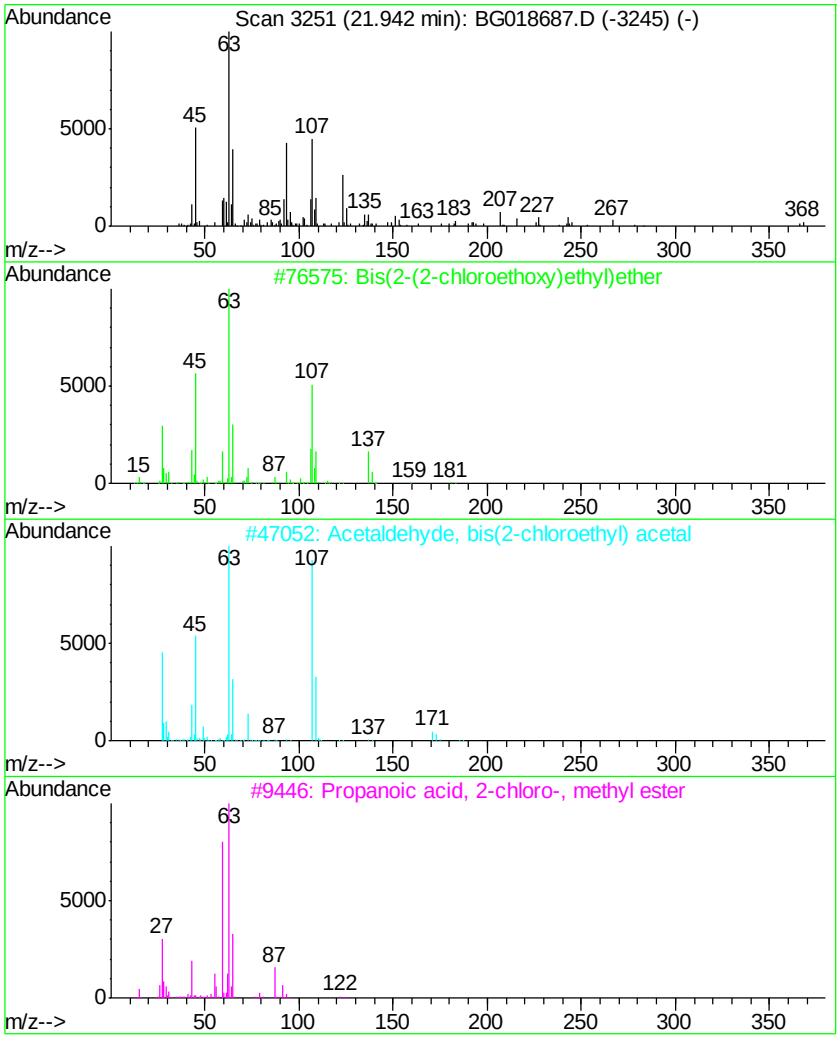
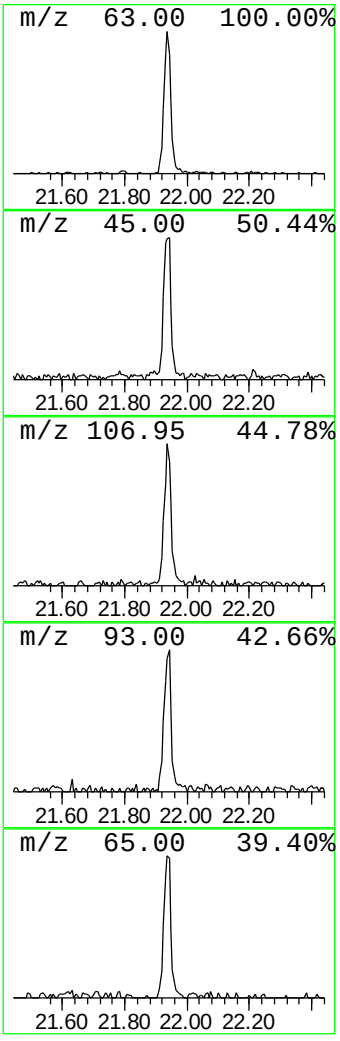
Peak Number 13 Acetaldehyde, bis(2-chloroe... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.60 ng/ul	194455	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-(2-chloroethoxy)ethyl)ether	230	C8H16Cl2O3	000638-56-2	72
2	Acetaldehyde, bis(2-chloroethyl)...	186	C6H12Cl2O2	014689-97-5	64
3	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	017639-93-9	53
4	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	53
5	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018687.D
Acq On : 15 Sep 2015 17:47
Operator : UM/IZ
Sample : G3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM4

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	89.0	ng/ul	1874420	1	8.01	421405	20.0
Butanamide, 3,3-d...	5.44	11.1	ng/ul	232853	1	8.01	421405	20.0
1,4-Oxathiane	5.94	43.7	ng/ul	920167	1	8.01	421405	20.0
Cyclohexanone, 3,...	8.43	46.1	ng/ul	970801	1	8.01	421405	20.0
Cyclohexanol, 3,3...	8.62	26.8	ng/ul	565588	1	8.01	421405	20.0
unknown-01	11.13	20.3	ng/ul	645380	2	10.81	636402	20.0
Ethane, 1,2-bis(2...	11.94	257.5	ng/ul	8194950	2	10.81	636402	20.0
Cyclohexanone, 3,...	12.01	2.7	ng/ul	86033	2	10.81	636402	20.0
Cyclopentanone, 2...	12.17	4.0	ng/ul	127048	2	10.81	636402	20.0
Bis(2-(2-chloroet...	15.10	2.2	ng/ul	119333	3	14.63	1092210	20.0
3,3-Dimethyl-4-(4...	18.07	3.5	ng/ul	228507	4	17.37	1292590	20.0
Acetaldehyde, bis...	21.94	2.6	ng/ul	194455	5	21.62	1497150	20.0