LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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	3.087	37	42	52	rVV2	181261	393529	3.26%	0.437%
2	3.181	53	58	76	rVB	1451662	1991074	16.48%	2.210%
3	5.320	415	422	430	rBV	362738	626714	5.19%	0.696%
4	5.443	436	443	449	rBV	1864273	2813318	23.29%	3.122%
5	5.937	521	527	534	rVV	1356815	2226980	18.43%	2.472%
6	6.013	534	540	549	rVV2	201523	458513	3.80%	0.509%
7	6.277	574	585	586	rBV3	120734	201915	1.67%	0.224%
8	6.295	586	588	596	rVB	159931	231936	1.92%	0.257%
9	6.524	622	627	635	rVB	158960	261031	2.16%	0.290%
10	7.182	729	739	749	rBV2	520708	1029341	8.52%	1.142%
11	7.323	757	763	770	rBV	276285	479263	3.97%	0.532%
12	7.423	770	780	787	rVB	2133657	3655446	30.26%	4.057%
13	7.541	793	800	812	rBV2	309312	626274	5.18%	0.695%
14	7.652	812	819	826	rVB2	140760	253403	2.10%	0.281%
15	8.005	866	879	887	rBV2	315919	748550	6.20%	0.831%
16	8.087	887	893	905	rVB3	177617	509525	4.22%	0.565%
17	8.357	933	939	947	rVB2	251356	470948	3.90%	0.523%
18	8.545	965	971	977	rVB	1290566	1912570	15.83%	2.123%
19	8.704	994	998	1006	rVB2	268999	482920	4.00%	0.536%
20	9.104	1061	1066	1070	rBV2	125794	186716	1.55%	0.207%
21	9.162	1070	1076	1084	rBV2	287233	605380	5.01%	0.672%
22	9.380	1108	1113	1117	rBV	162998	271752	2.25%	0.302%
23	9.438	1117	1123	1124	rBV3	126991	227561	1.88%	0.253%
24	9.515	1132	1136	1145	rVB	305681	521938	4.32%	0.579%
25	9.632	1150	1156	1161	rBV	143542	224100	1.86%	0.249%
26	9.691	1161	1166	1176	rBV	208799	389332	3.22%	0.432%
27	9.885	1193	1199	1206	rVB	288354	529088	4.38%	0.587%
28	10.085	1224	1233	1241	rVB2	264845	556123	4.60%	0.617%
29	10.208	1247	1254	1262	rVB3	267225	582145	4.82%	0.646%
30	10.314	1263	1272	1274	rBV5	66791	157397	1.30%	0.175%
31	10.349	1274	1278	1285	rVB	324251	544812	4.51%	0.605%
32	10.431	1285	1292	1299	rBV	478018	965221	7.99%	1.071%
33	10.614	1315	1323	1331	rVB	230881	467997	3.87%	0.519%
34	10.807	1347	1356	1361	rVB	371031	685017	5.67%	0.760%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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	10.972	1377	1384	1387	rBV2	264180	541421	4.48%	0.601%
36	11.048	1388	1397	1402	rVV	586744	1618736	13.40%	1.796%
37	11.131	1404	1411	1425	rVB	768403	1478575	12.24%	1.641%
38	11.465	1461	1468	1476	rVB3	290819	608090	5.03%	0.675%
39	11.542	1476	1481	1488	rBV	92963	188050	1.56%	0.209%
40	11.612	1488	1493	1499	rBV	164955	315782	2.61%	0.350%
41	11.947	1538	1550	1555	rVB	5989045	12080787	100.00%	13.407%
42	12.041	1562	1566	1576	rVB5	111793	226761	1.88%	0.252%
43	12.141	1577	1583	1588	rVV	797072	1355424	11.22%	1.504%
44	12.188	1588	1591	1599	rVB2	211388	411863	3.41%	0.457%
45	12.347	1613	1618	1624	rVB	218917	342943	2.84%	0.381%
46	12.500	1640	1644	1651	rVB6	88865	180043	1.49%	0.200%
47	12.999	1725	1729	1734	rVB2	120552	203868	1.69%	0.226%
48	13.205	1756	1764	1774	rVB2	272663	589439	4.88%	0.654%
49	13.481	1806	1811	1815	rBV4	106656	185824	1.54%	0.206%
50	13.669	1835	1843	1851	rBV2	700530	1458600	12.07%	1.619%
51	13.751	1852	1857	1861	rBV7	77138	185301	1.53%	0.206%
52	13.880	1875	1879	1884	rVV	168521	275707	2.28%	0.306%
53	13.939	1884	1889	1892	rVV3	179335	300876	2.49%	0.334%
54	13.974	1892	1895	1897	rVV2	159772	260271	2.15%	0.289%
55	14.033	1900	1905	1914	rVB	967119	1621358	13.42%	1.799%
56	14.162	1923	1927	1933	rBV3	95010	212603	1.76%	0.236%
57	14.227	1933	1938	1942	rBV3	139402	206438	1.71%	0.229%
58	14.321	1949	1954	1961	rVB	1021375	1594279	13.20%	1.769%
59	14.391	1961	1966	1969	rBV2	142963	219486	1.82%	0.244%
60	14.433	1969	1973	1984	rVB2	199418	372225	3.08%	0.413%
61	14.568	1992	1996	1998	rBV2	113685	151398	1.25%	0.168%
62	14.621	1998	2005	2017	rVB3	826898	2168891	17.95%	2.407%
63	15.085	2079	2084	2091	rBV3	285907	623866	5.16%	0.692%
64	15.144	2091	2094	2100	rVB4	110285	174465	1.44%	0.194%
65	15.290	2114	2119	2123	rBV4	194309	377922	3.13%	0.419%
66	15.508	2151	2156	2163	rBV6	106978	217749	1.80%	0.242%
67	15.631	2169	2177	2184	rBV2	4060973	7473921	61.87%	8.295%
68	15.731	2190	2194	2203	rVB2	661556	1154427	9.56%	1.281%
69	16.013	2238	2242	2246	rBV3	103565	186908	1.55%	0.207%
70	16.136	2258	2263	2270	rVB2	551415	880527	7.29%	0.977%
71	16.225	2272	2278	2283	rVB	636328	959706	7.94%	1.065%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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	16.648	2342	2350	2356	rBV3	411435	942118	7.80%	1.046%
73	16.706	2356	2360	2367	rVB3	241530	457273	3.79%	0.507%
74	16.830	2377	2381	2391	rVB3	200119	408905	3.38%	0.454%
75	16.924	2393	2397	2402	rVV5	134733	213272	1.77%	0.237%
76	16.994	2403	2409	2415	rVB2	114732	237822	1.97%	0.264%
77	17.171	2435	2439	2445	rVB	405623	562173	4.65%	0.624%
78	17.312	2459	2463	2466	rBV2	84116	146323	1.21%	0.162%
79	17.370	2468	2473	2481	rVB	926389	1669477	13.82%	1.853%
80	17.470	2484	2490	2497	rVV2	1614737	2852894	23.62%	3.166%
81	17.535	2498	2501	2510	rVB5	131494	244018	2.02%	0.271%
82	17.864	2553	2557	2563	rVB2	116424	166787	1.38%	0.185%
83	18.087	2589	2595	2600	rBV	1518534	2234056	18.49%	2.479%
84	18.193	2608	2613	2621	rBV2	163334	380825	3.15%	0.423%
85	18.334	2632	2637	2646	rVB	463326	774069	6.41%	0.859%
86	18.457	2653	2658	2662	rBV	734664	1057265	8.75%	1.173%
87	18.493	2662	2664	2668	rVB	307592	335457	2.78%	0.372%
88	18.939	2737	2740	2744	rVB3	148307	187754	1.55%	0.208%
89	19.756	2874	2879	2884	rVB	1590373	2270409	18.79%	2.520%
90	19.803	2884	2887	2893	rVB	216015	296004	2.45%	0.329%
91	19.961	2910	2914	2920	rVB	313868	439439	3.64%	0.488%
92	20.649	3027	3031	3034	rBV	233756	324675	2.69%	0.360%
93	20.678	3034	3036	3040	rVB2	194428	186685	1.55%	0.207%
94	20.896	3069	3073	3082	rVB4	117650	230470	1.91%	0.256%
95	21.078	3100	3104	3108	rBV	175132	226219	1.87%	0.251%
96	21.630	3192	3198	3205	rVB	930103	1497399	12.39%	1.662%
97	23.181	3457	3462	3469	rVB3	101787	202354	1.68%	0.225%
98	24.503	3680	3687	3693	rBV5	135088	325292	2.69%	0.361%
99	24.597	3694	3703	3713	rVB	745499	2049113	16.96%	2.274%
100	24.815	3731	3740	3752	rVB	536096	1494420	12.37%	1.659%

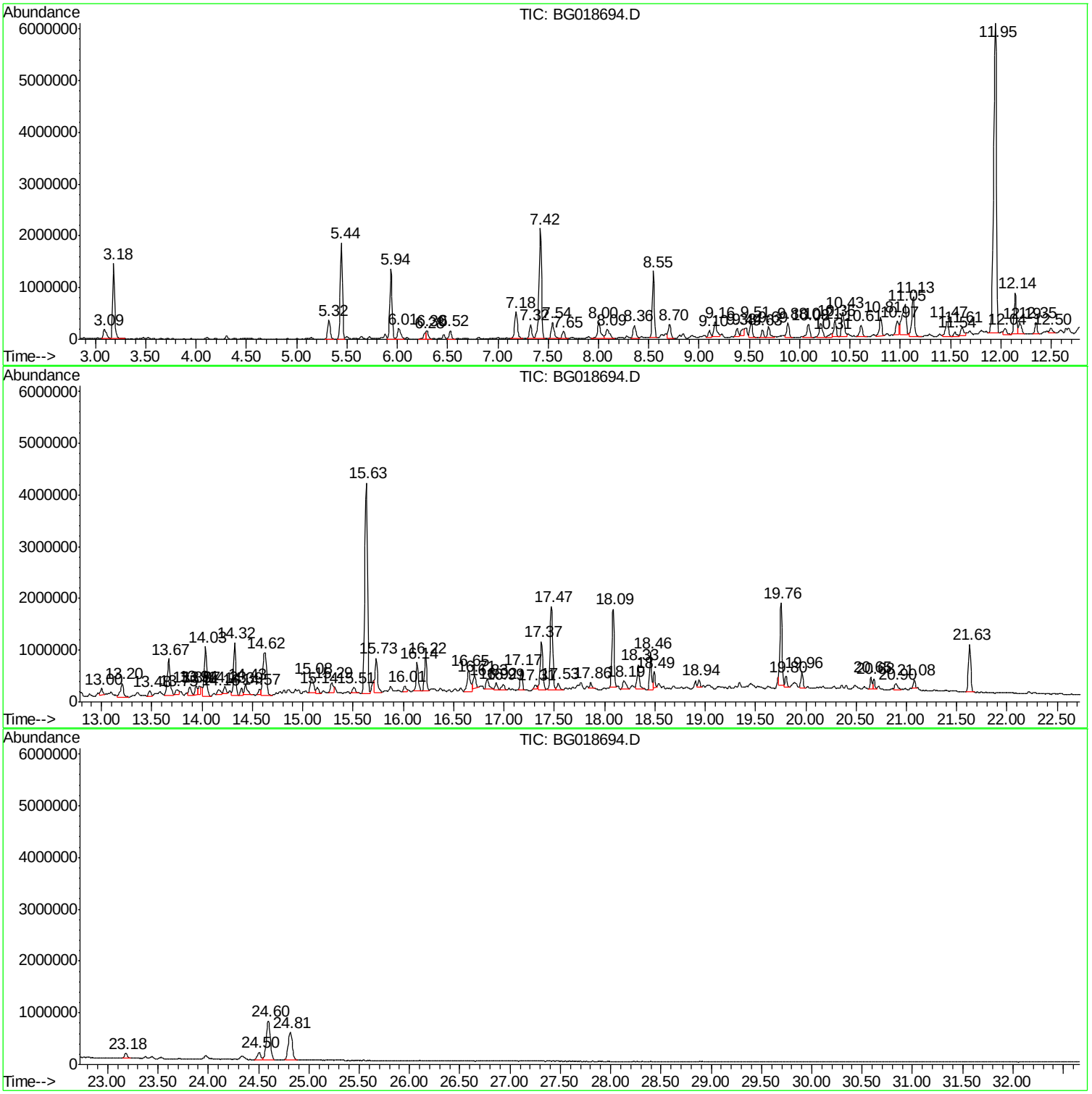
Sum of corrected areas: 90105326

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

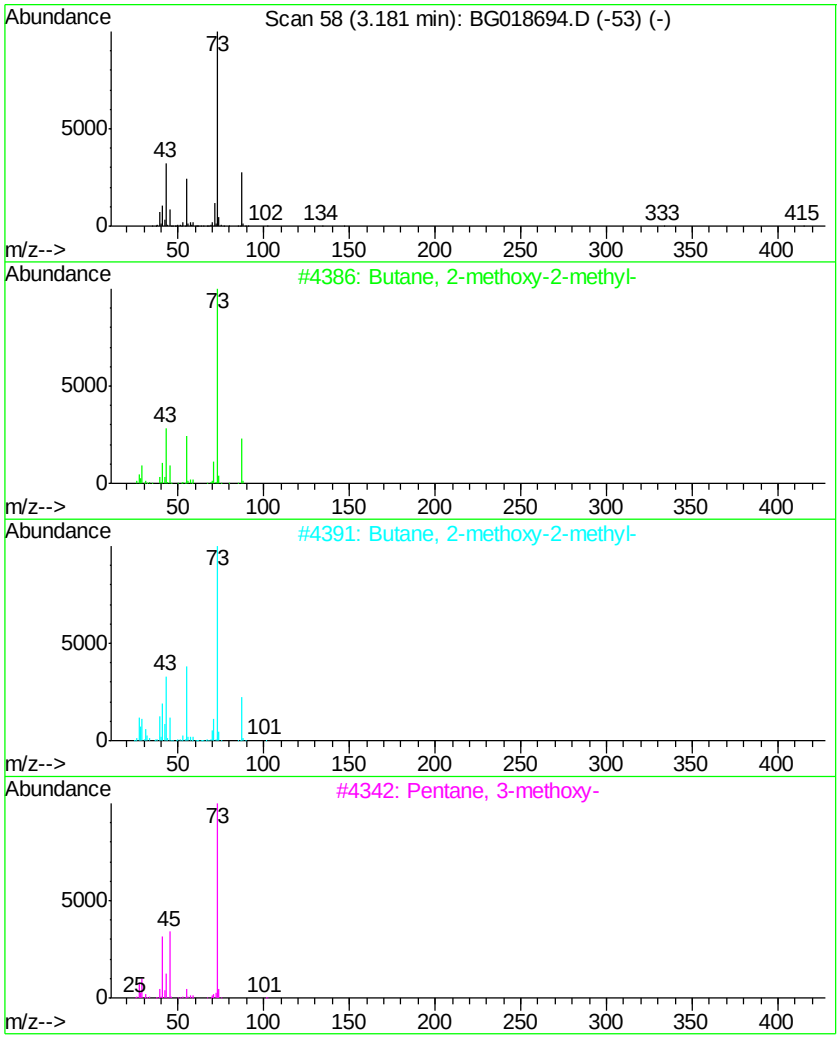
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

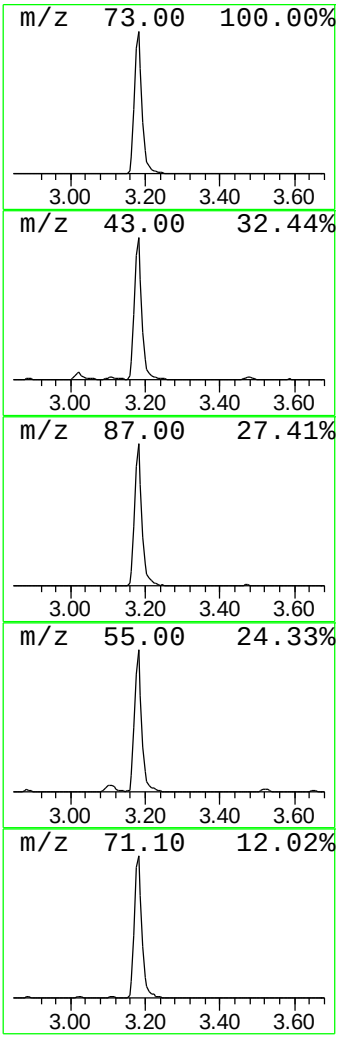
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	53.20 ng/ul	1991070	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

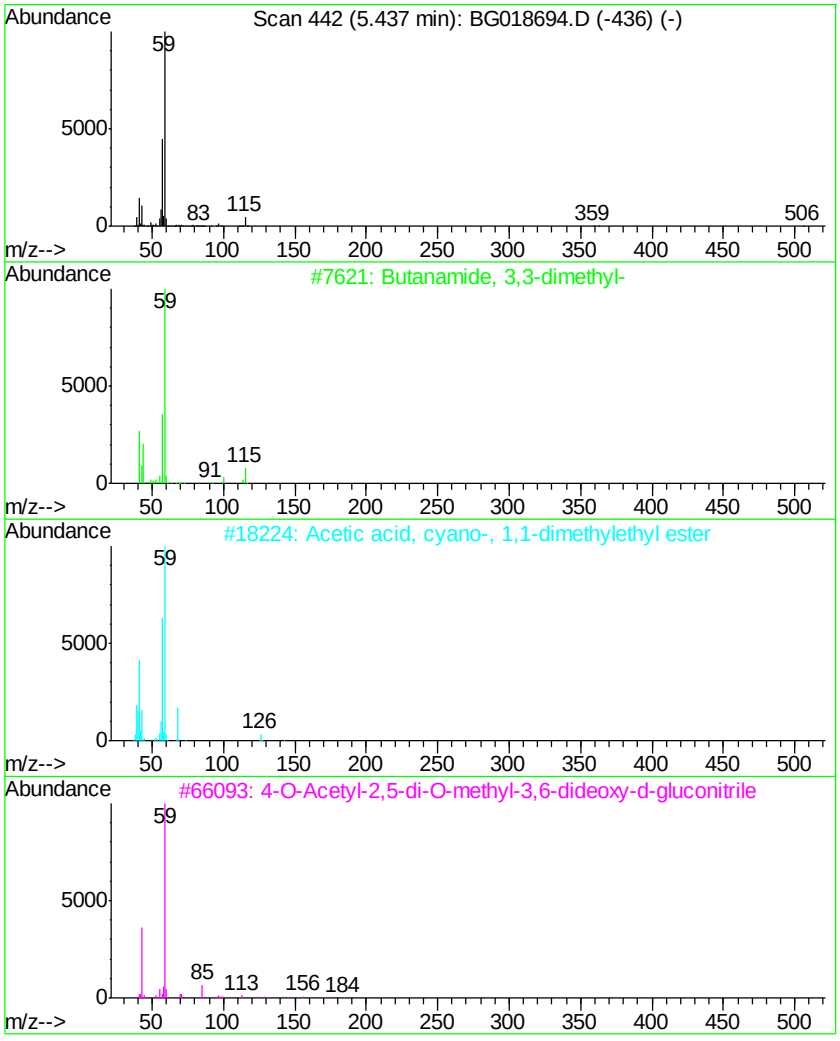
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

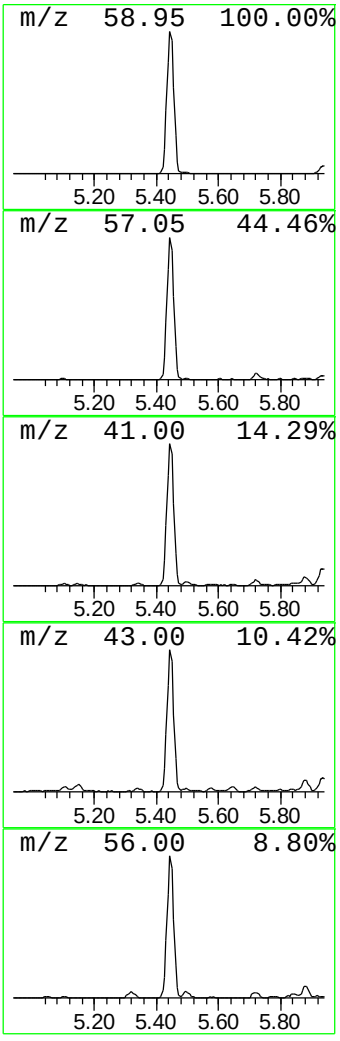
****

Peak Number 4 Butanamide, 3,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	75.17 ng/ul	2813320	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	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
3	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1000101-80-3	38
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

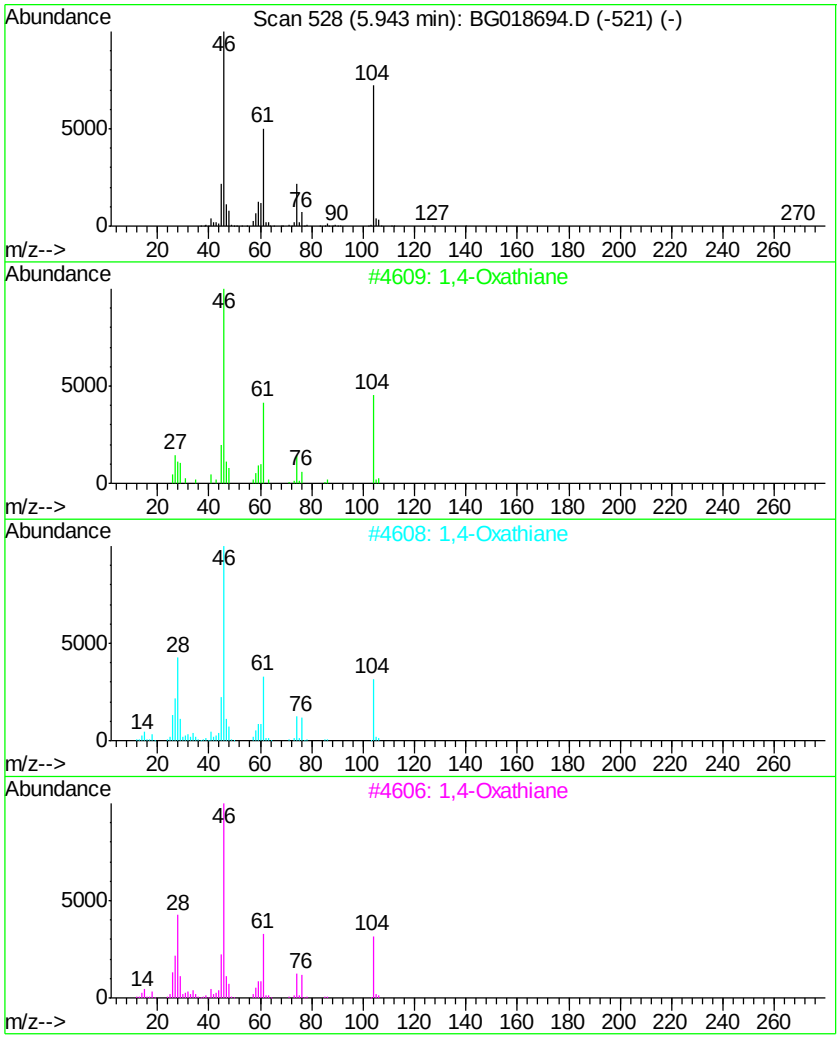
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

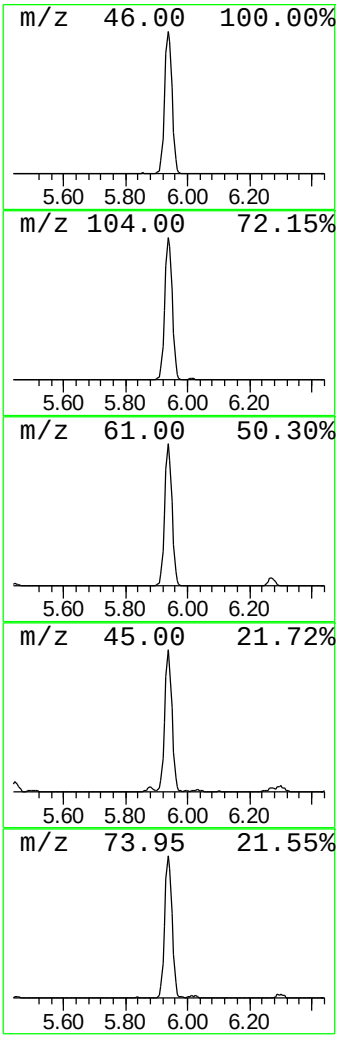
****

Peak Number 5 1,4-Oxathiane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	59.50 ng/ul	2226980	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	94
3	1,4-Oxathiane	104	C4H8OS	015980-15-1	94
4	Methanamine, N-methoxy-	61	C2H7NO	001117-97-1	50
5	Dihydro-3-(2H)-thiophenone	102	C4H6OS	001003-04-9	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

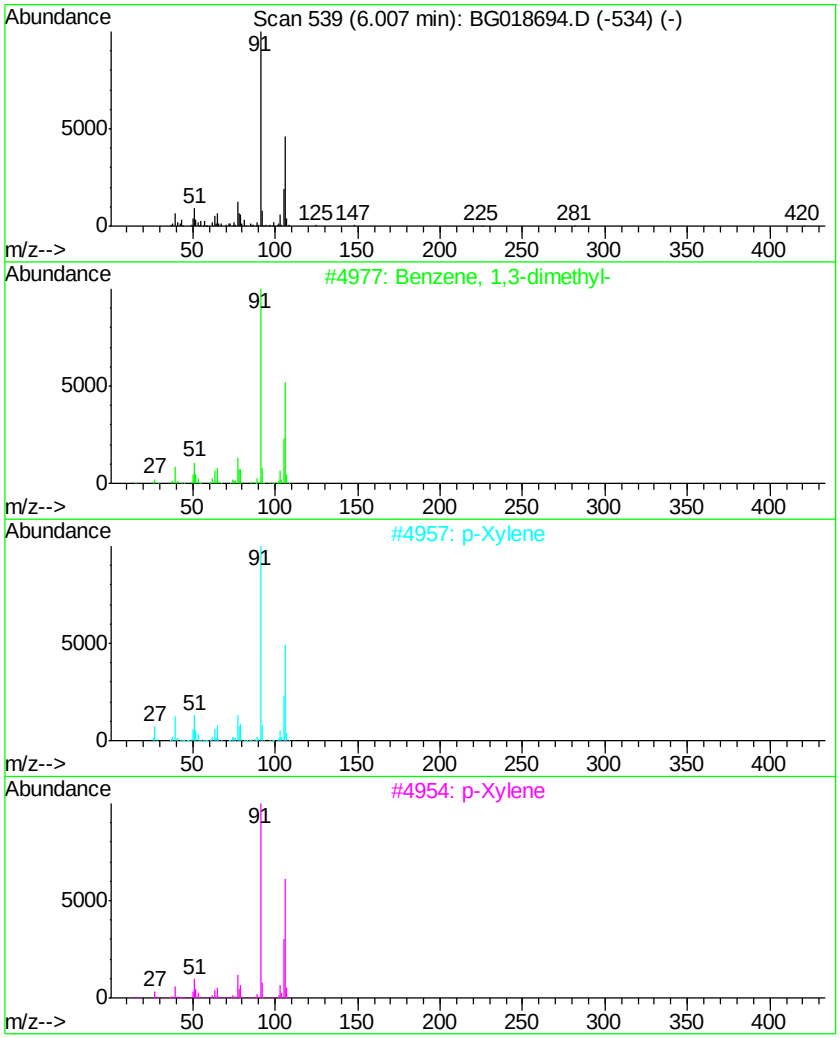
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

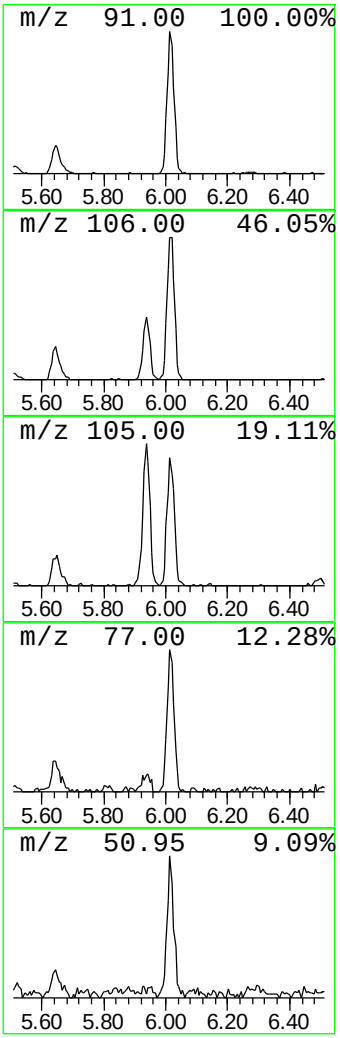
****

Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	12.25 ng/ul	458513	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	94
3	p-Xylene	106	C8H10	000106-42-3	91
4	o-Xylene	106	C8H10	000095-47-6	91
5	p-Xylene	106	C8H10	000106-42-3	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

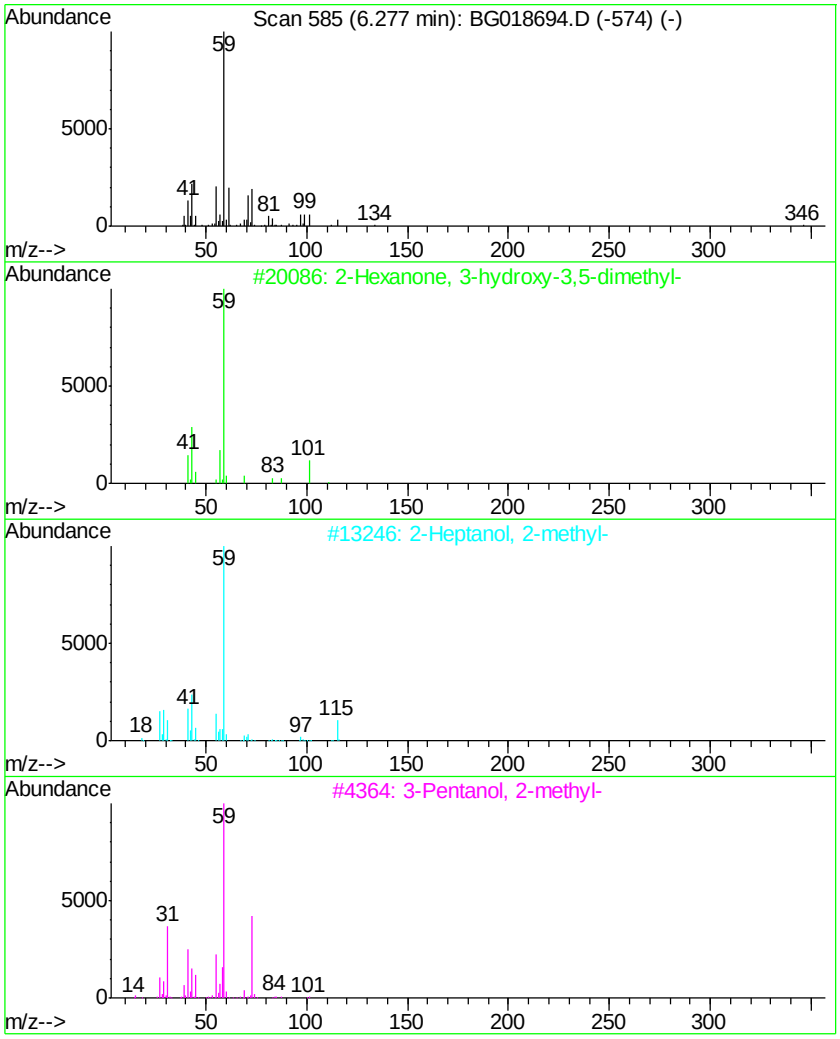
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

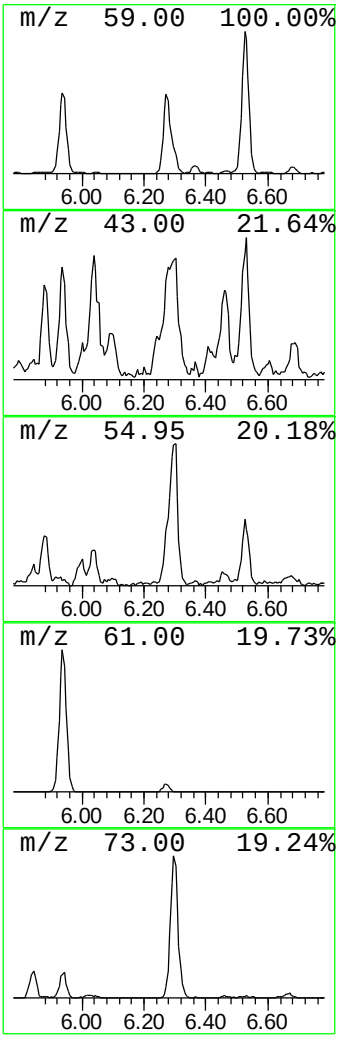
****

Peak Number 7 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	5.39 ng/ul	201915	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	43
2	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	43
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

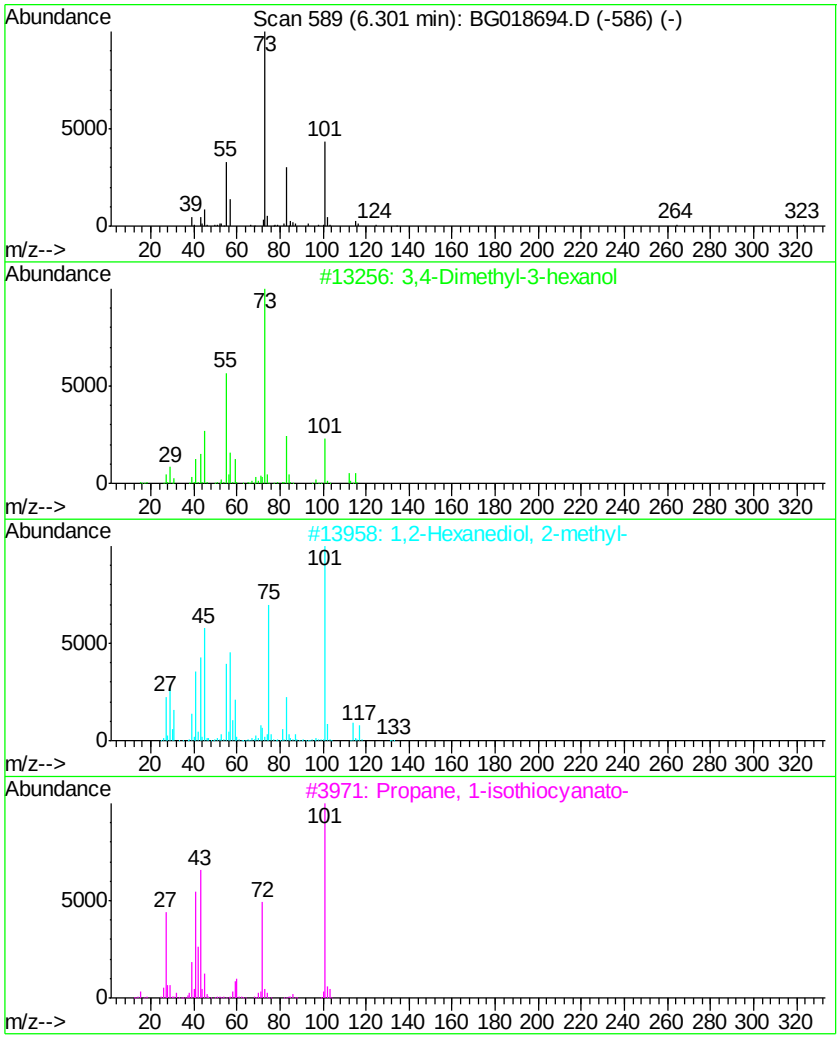
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

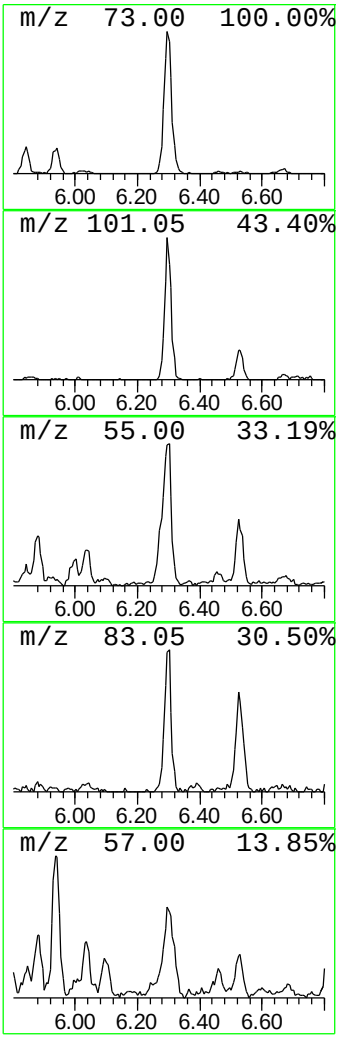
****

Peak Number 8 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	6.20 ng/ul	231936	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	33
2	1,2-Hexanediol, 2-methyl-	132	C7H16O2	056255-50-6	17
3	Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	9
4	2-Pyrrolidinethione	101	C4H7NS	002295-35-4	9
5	Butanedioic acid, dipropyl ester	202	C10H18O4	000925-15-5	9





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Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

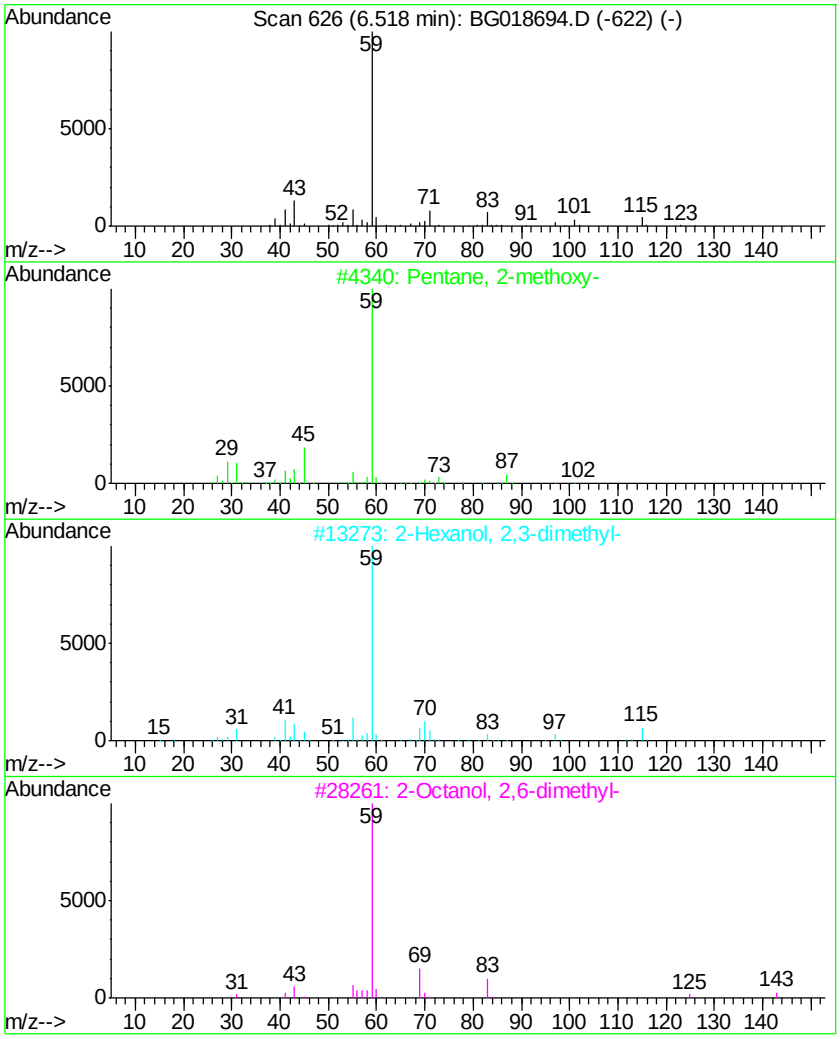
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

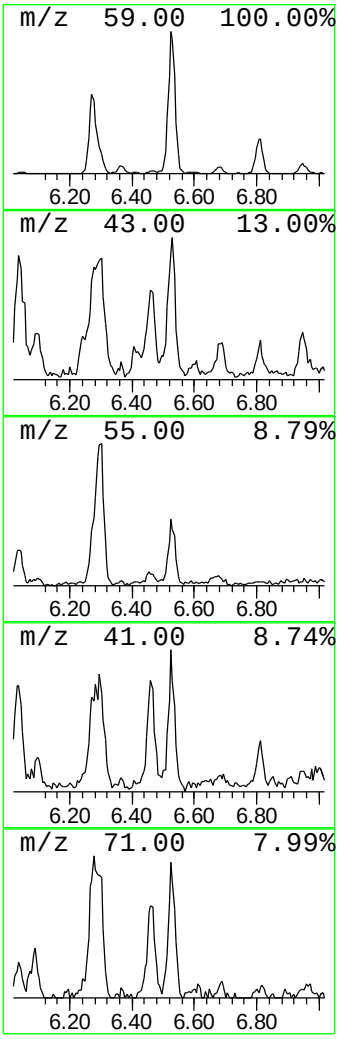
****

Peak Number 9 Pentane, 2-methoxy- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	6.97 ng/ul	261031	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	59
2	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	56
3	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	45
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	45
5	2,3,3-Trimethyl-2-pentanol	130	C8H18O	023171-85-9	43





Library Search Compound Report

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Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

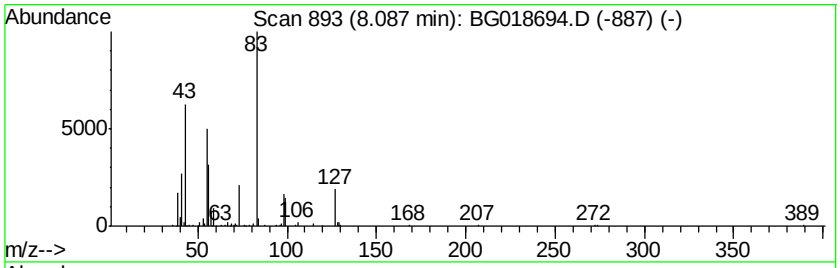
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

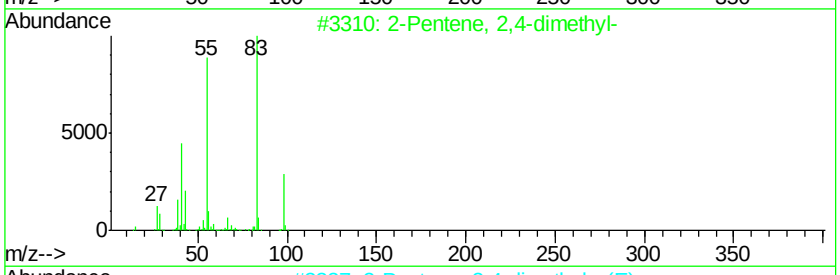
****

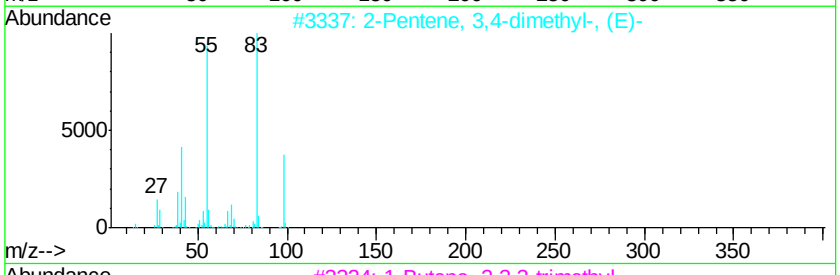
Peak Number 11 (DEL) Alkane: Cyclic8.09 Concentration Rank 18

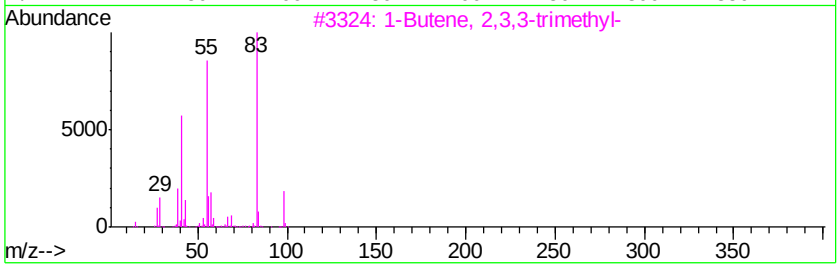
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	13.61 ng/ul	509525	1,4-Dichlorobenzene-d4	8.00

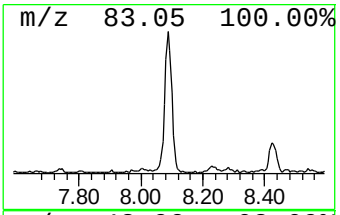
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	30
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	22
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	22
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	16
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	12

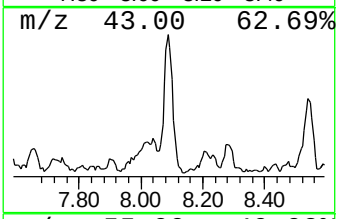


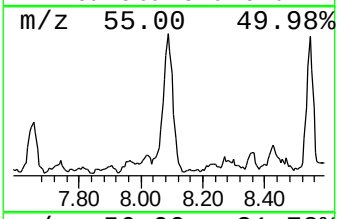


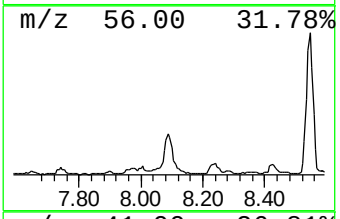


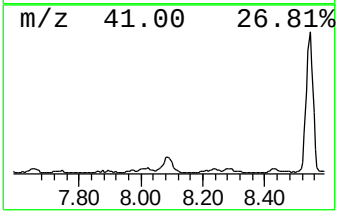












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

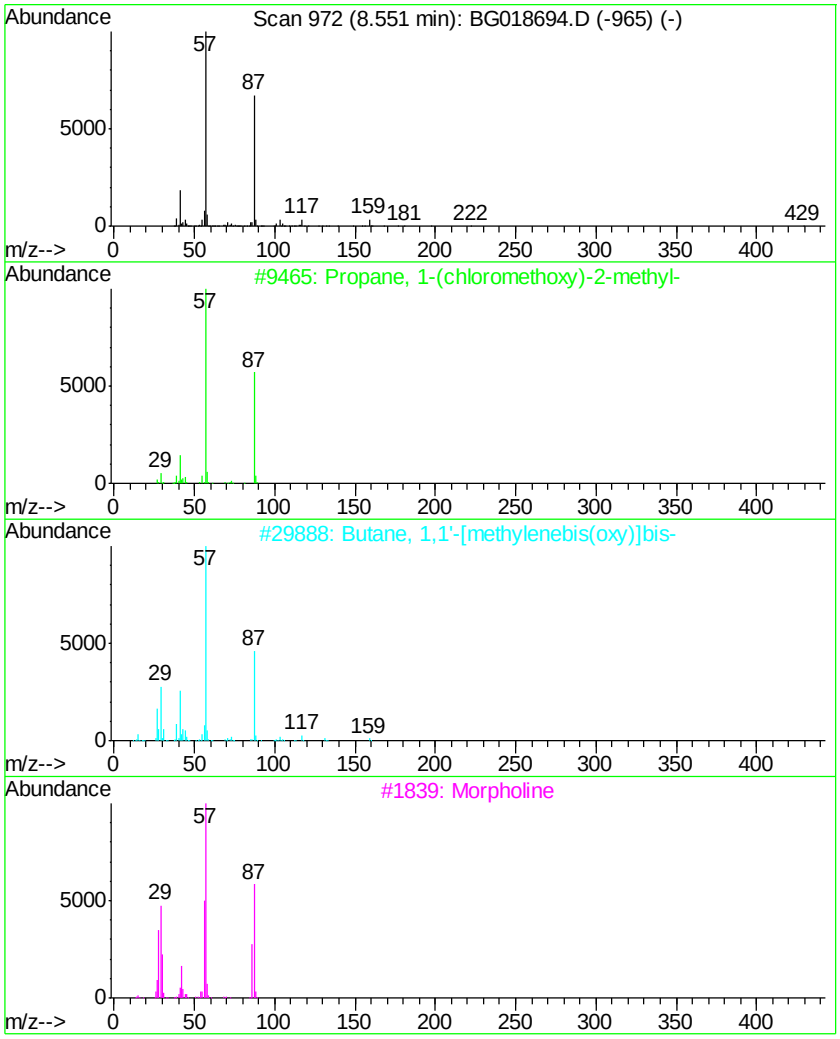
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

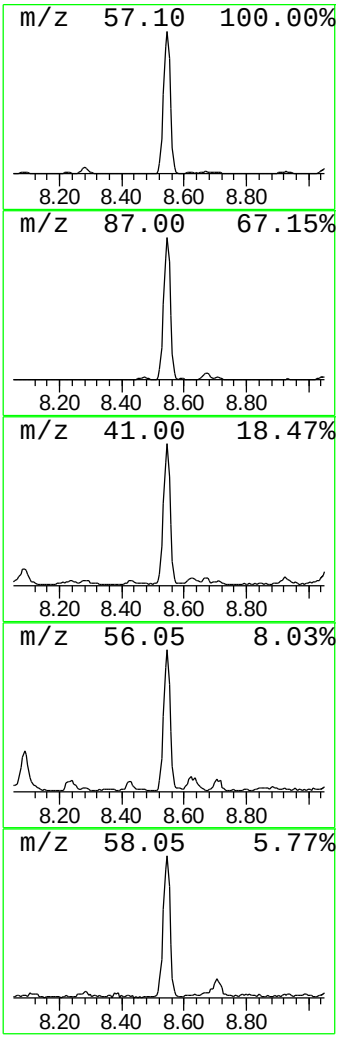
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Propane, 1-(chloromethoxy)-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	51.10 ng/ul	1912570	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	64
2	Butane, 1,1'-[methylenebis(oxy)]...	160	C9H20O2	002568-90-3	56
3	Morpholine	87	C4H9NO	000110-91-8	45
4	Morpholine	87	C4H9NO	000110-91-8	45
5	N-Thio-valero-morpholine	187	C9H17NOS	002832-99-7	33





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

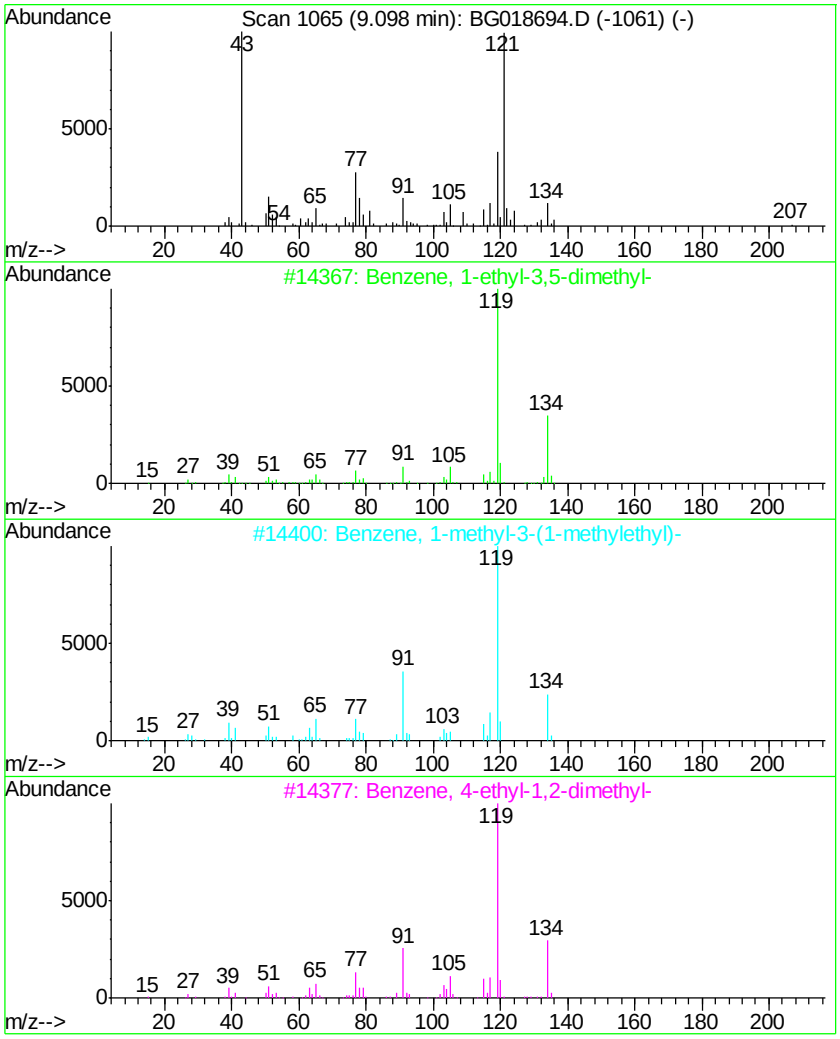
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

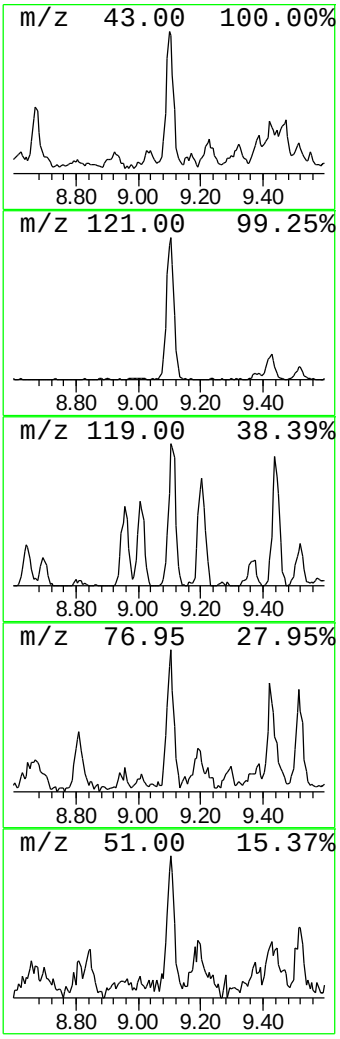
****

Peak Number 14 unknown-03 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	4.99 ng/ul	186716	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	42
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	35
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	35





Library Search Compound Report

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Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

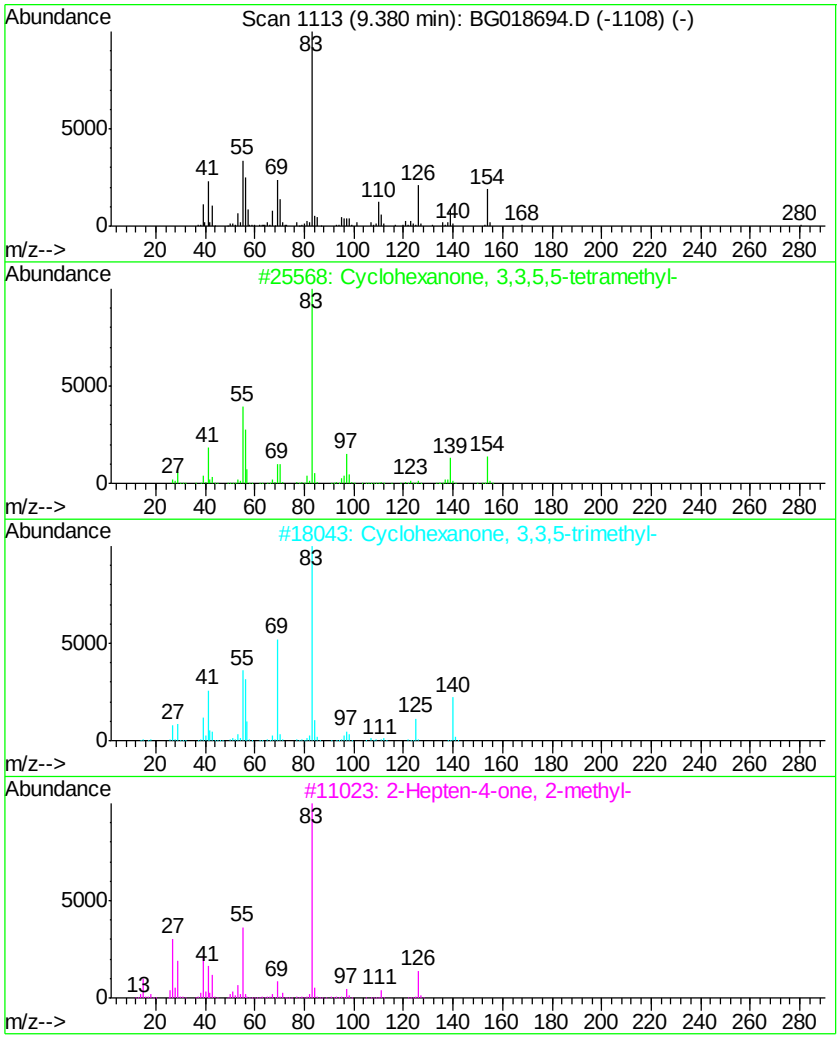
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

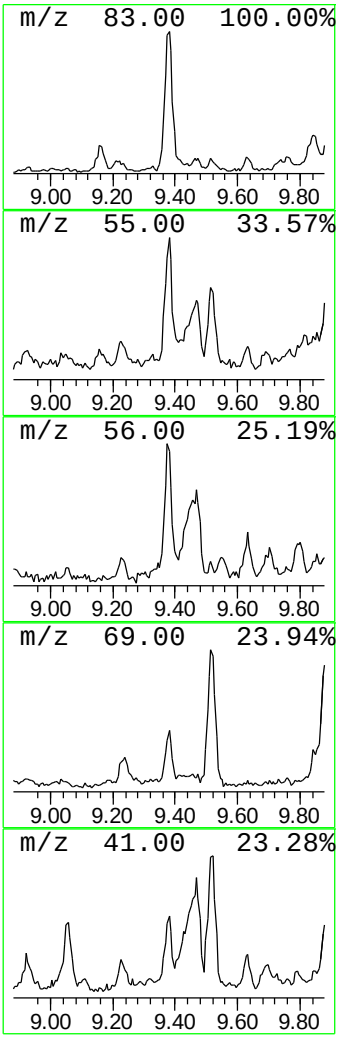
****

Peak Number 15 Cyclohexanone, 3,3,5,5-tetr... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	7.26 ng/ul	271752	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	53
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	50
3	2-Hepten-4-one, 2-methyl-	126	C8H14O	022319-24-0	47
4	2-Pyrazoline, 1-allyl-	110	C6H10N2	019804-38-7	46
5	3-Nonen-5-one	140	C9H16O	082456-34-6	43





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Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

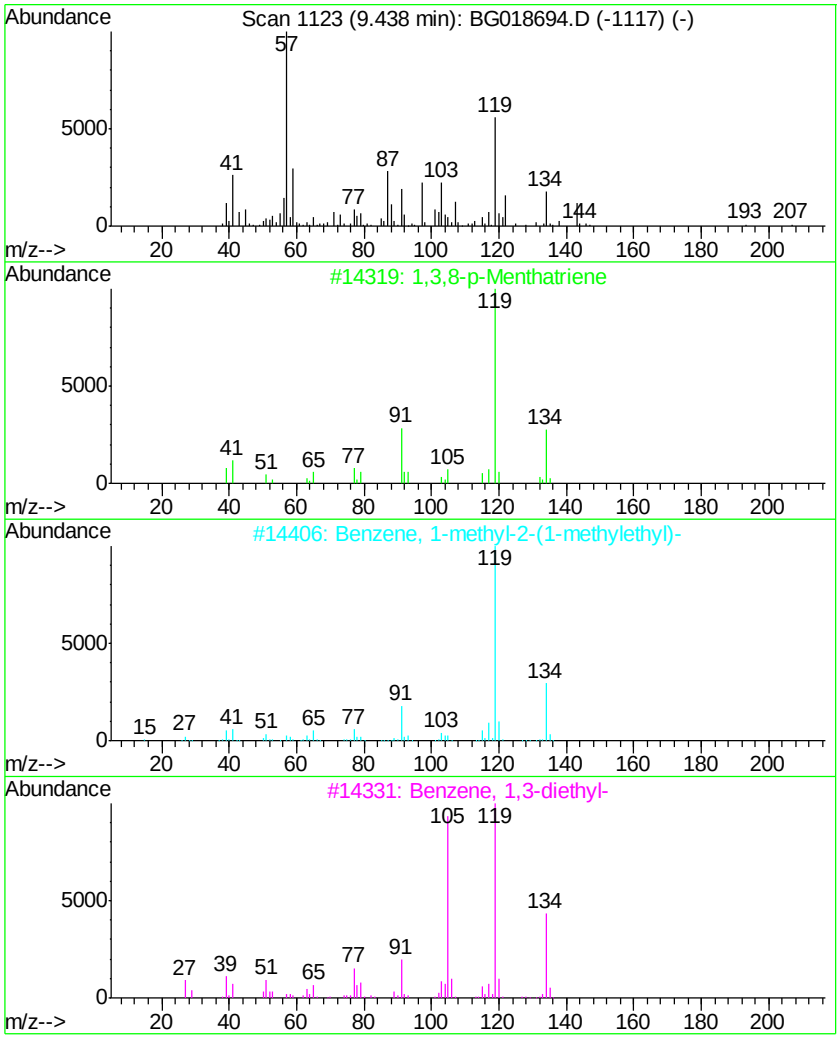
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

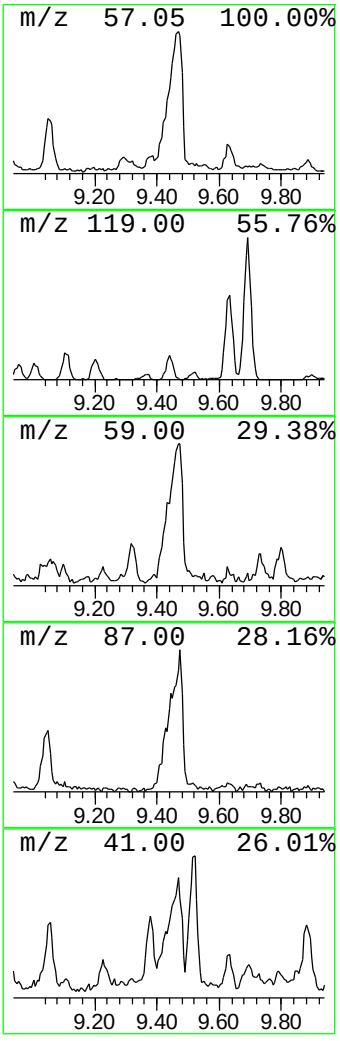
****

Peak Number 16 unknown-04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	6.64 ng/ul	227561	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	20
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	18
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	18
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	18
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	18





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Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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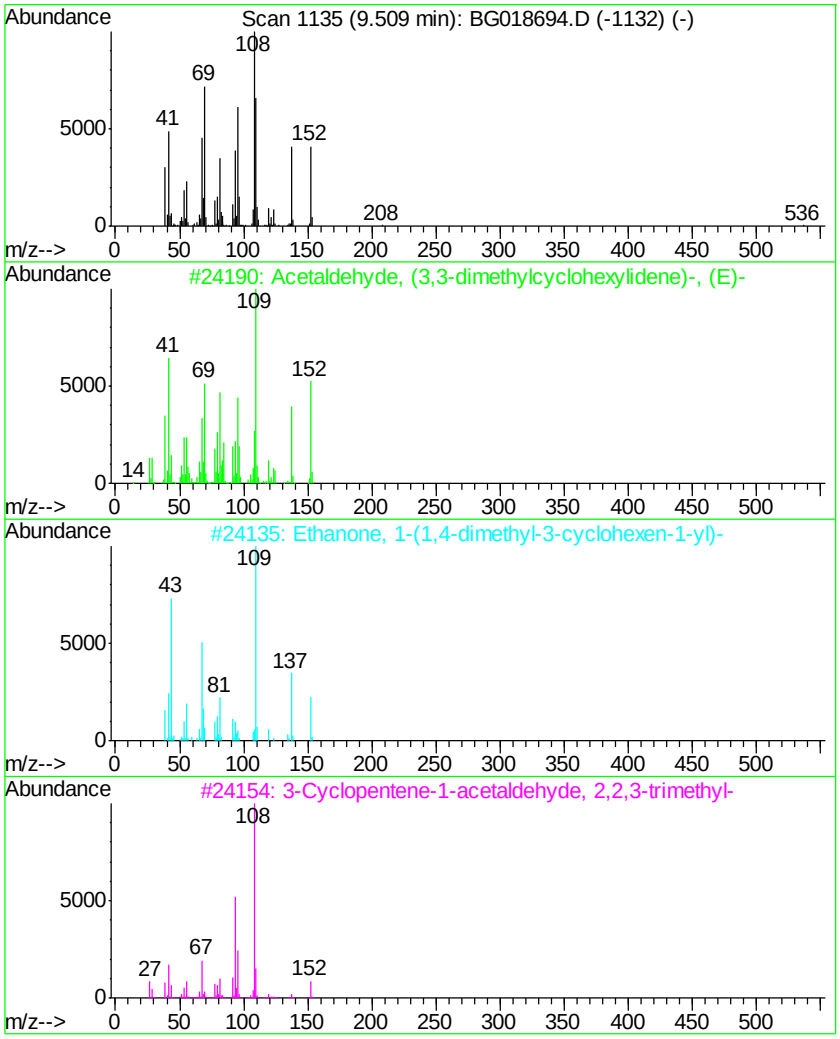
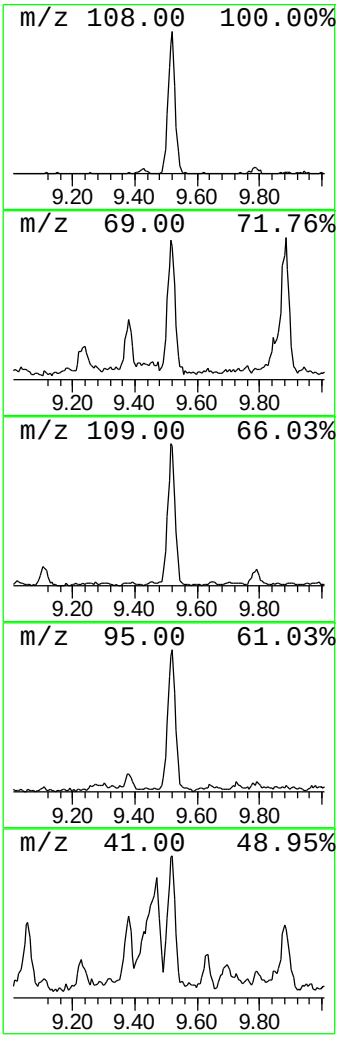
Peak Number 17 Acetaldehyde, (3,3-dimethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	15.24 ng/ul	521938	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	50
2	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	50
3	3-Cyclopentene-1-acetaldehyde, 2...	152	C10H16O	004501-58-0	38
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	38
5	2,3,4-Trimethylpyrrole	109	C7H11N	003855-78-5	30





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Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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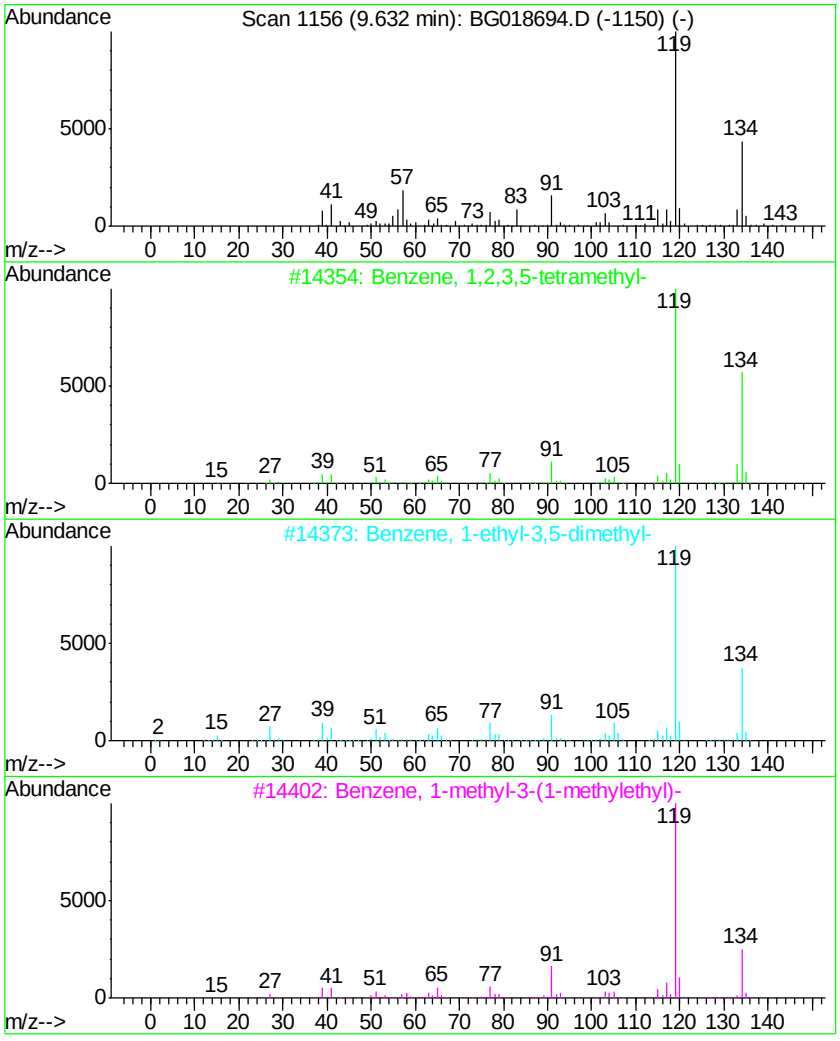
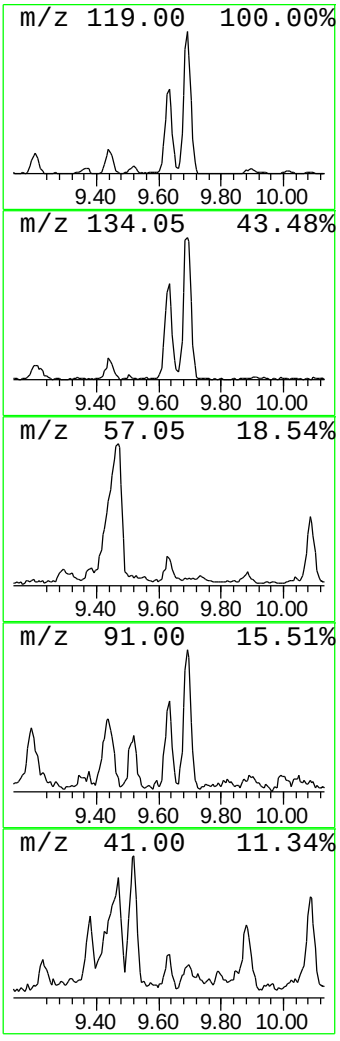
Peak Number 18 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	6.54 ng/ul	224100	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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

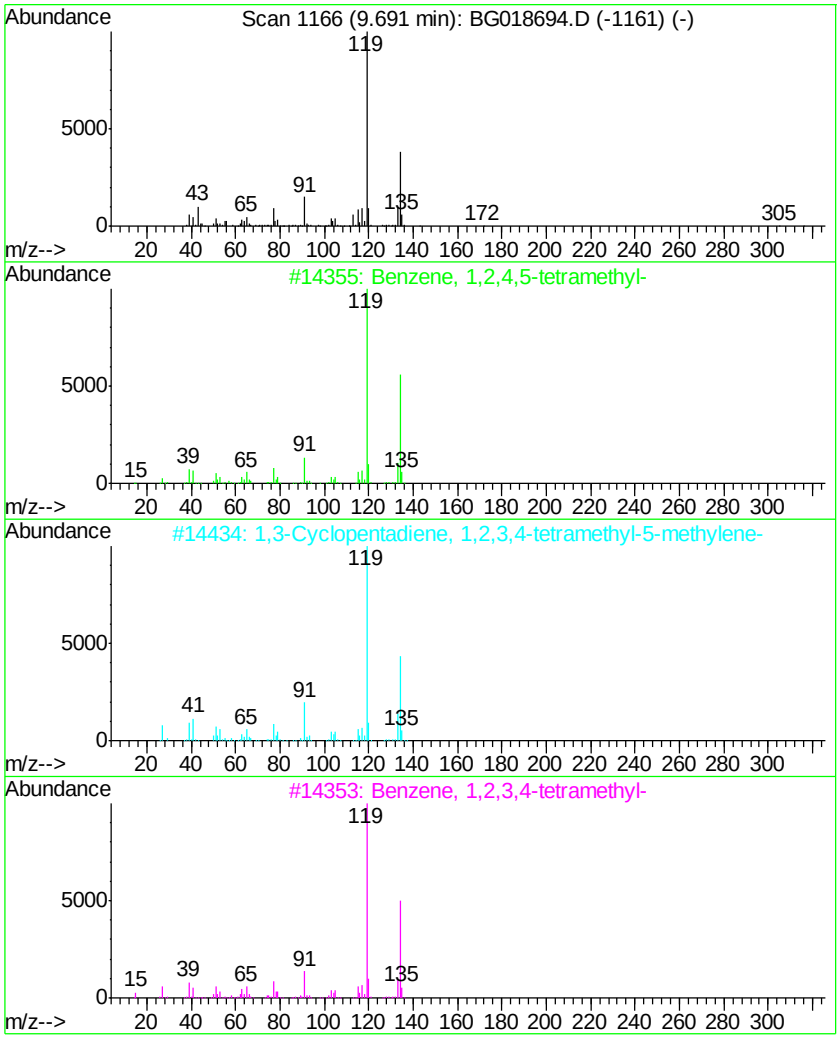
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

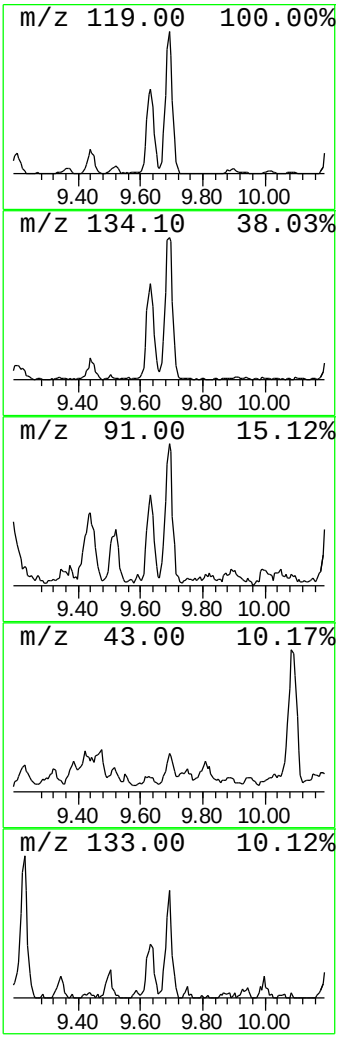
****

Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	11.37 ng/ul	389332	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	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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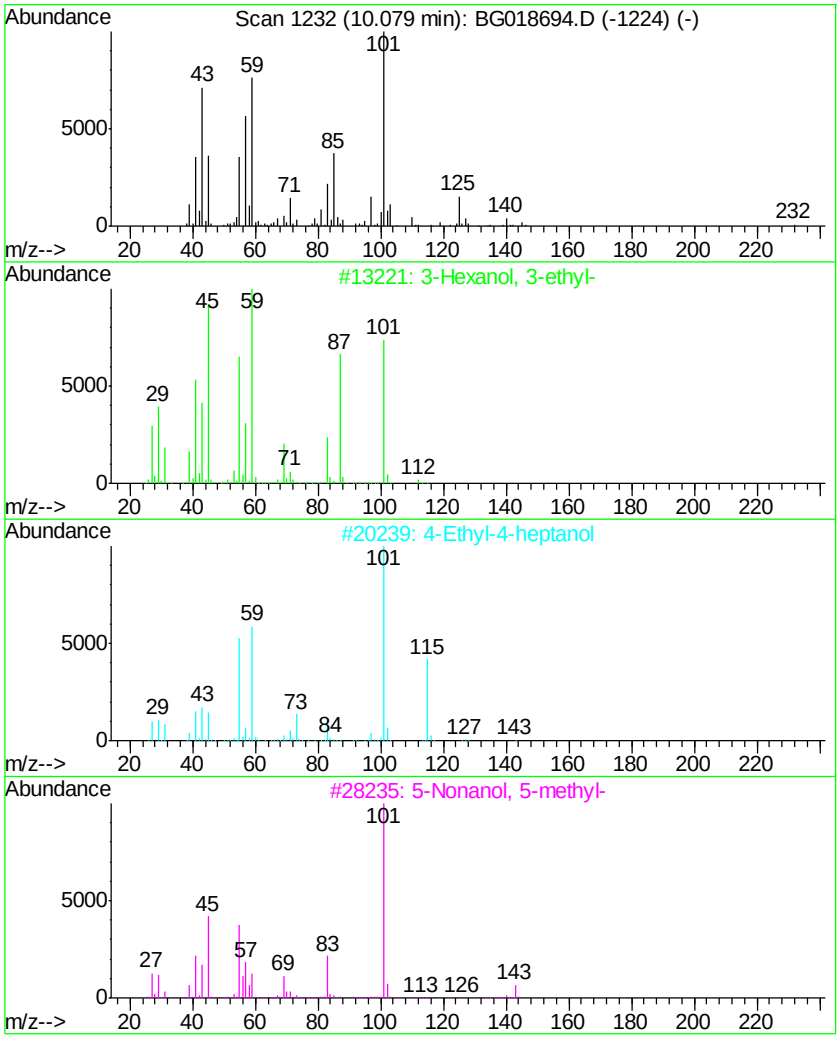
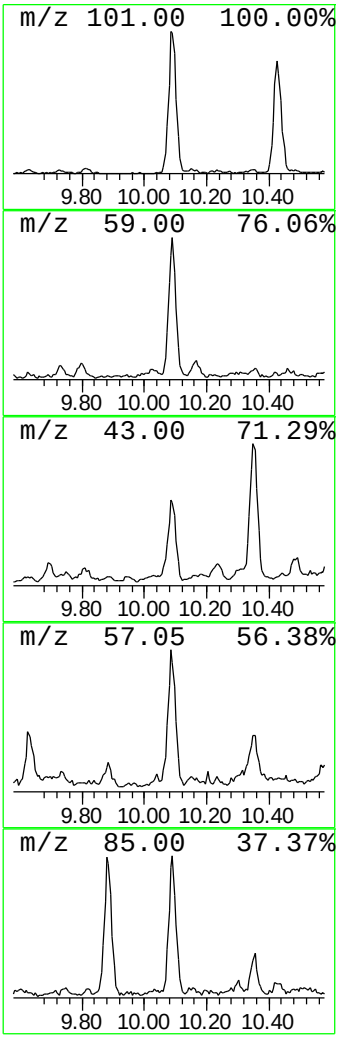
Peak Number 20 3-Hexanol, 3-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	16.24 ng/ul	556123	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-ethyl-	130	C8H18O	000597-76-2	50
2	4-Ethyl-4-heptanol	144	C9H20O	000597-90-0	50
3	5-Nonanol, 5-methyl-	158	C10H22O	033933-78-7	42
4	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	40
5	1,2,4-Thiadiazole, 5-amino-	101	C2H3N3S	007552-07-0	38





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Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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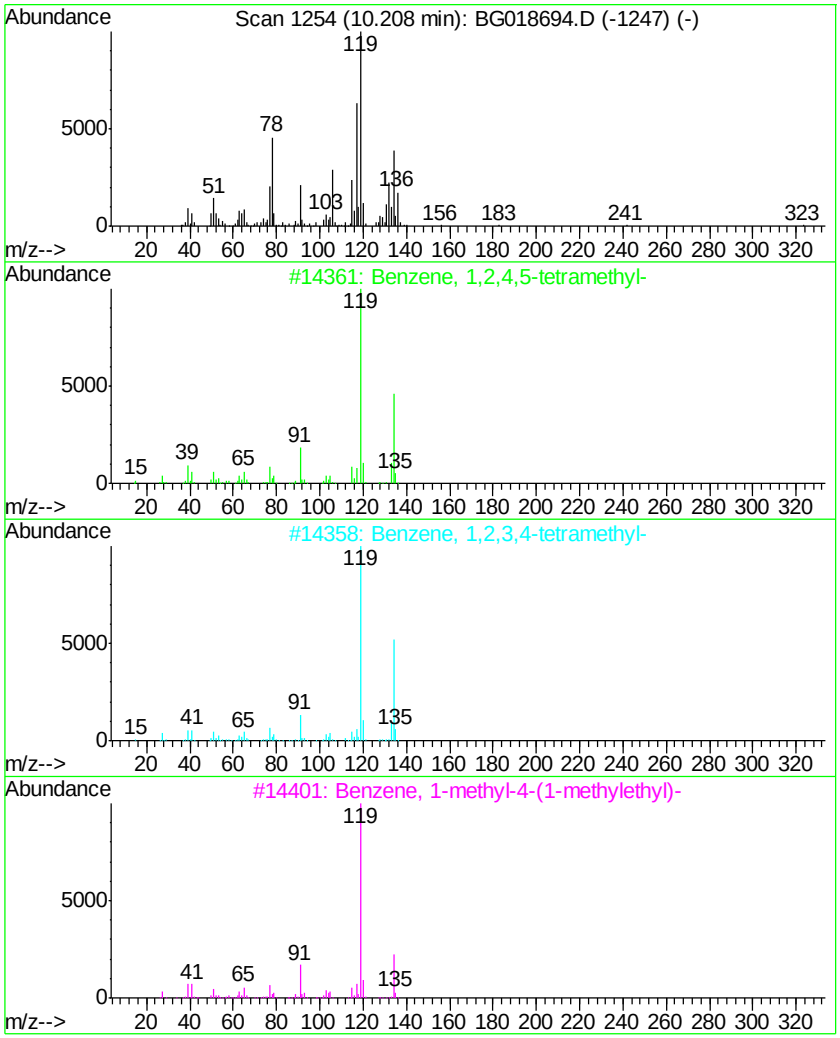
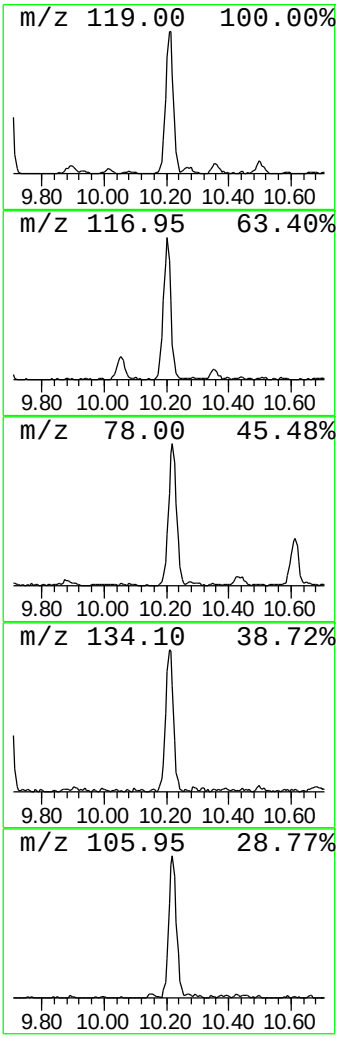
Peak Number 21 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	17.00 ng/ul	582145	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	50
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	46
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46





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Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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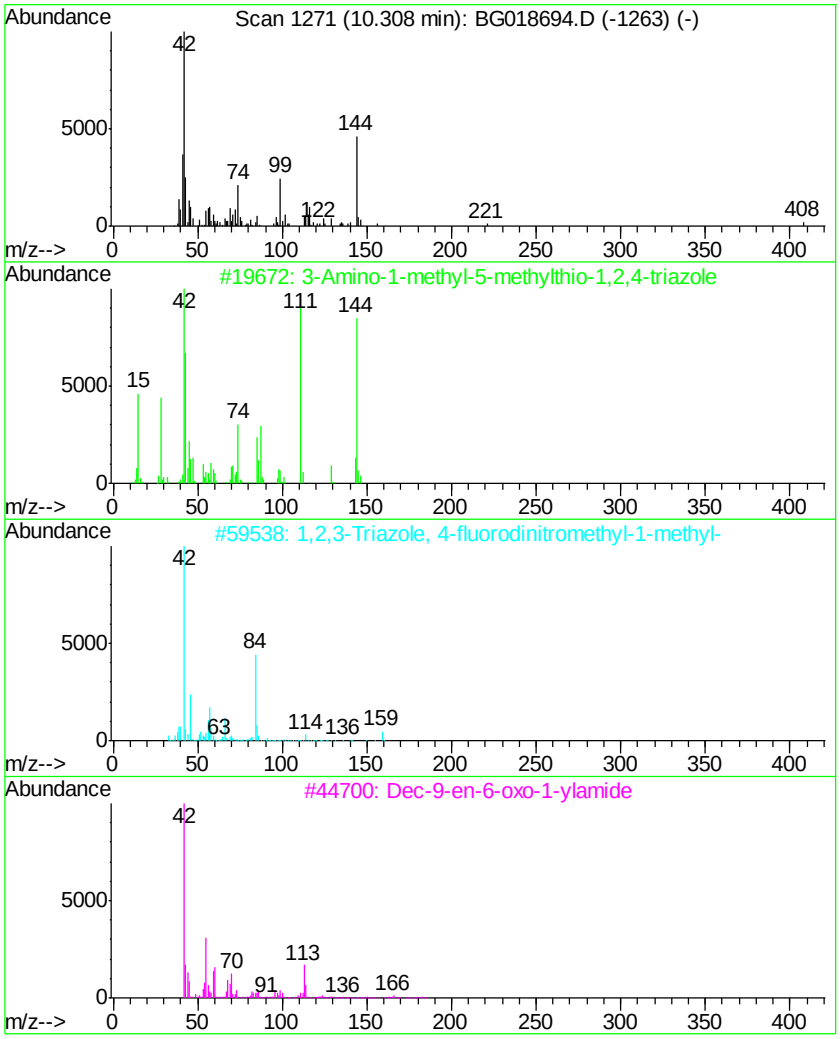
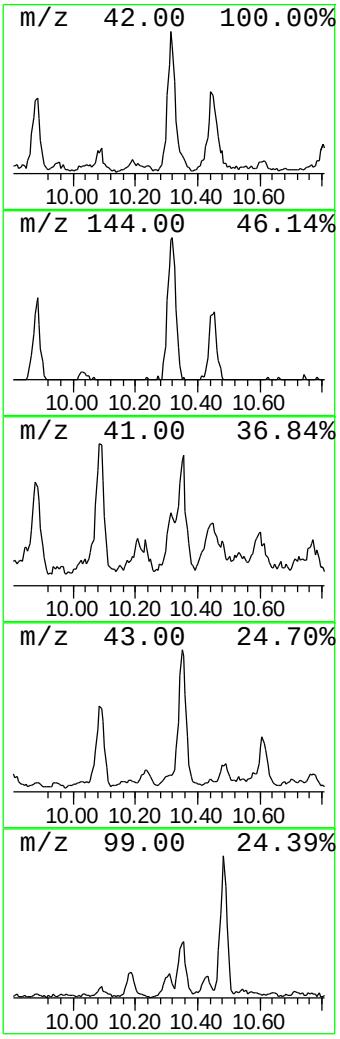
Peak Number 22 unknown-06 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	4.60 ng/ul	157397	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-1-methyl-5-methylthio-1,...	144	C4H8N4S	084827-78-1	25
2	1,2,3-Triazole, 4-fluorodinitrom...	205	C4H4FN5O4	1000263-03-3	9
3	Dec-9-en-6-oxo-1-ylamide	183	C10H17NO2	1000128-20-0	9
4	1,1'-(Ethanediylidenediamino)bis...	222	C4H6N12	1000225-88-0	9
5	1,2,4-Triazin-5(2H)-one, tetrahy...	159	C5H9N3OS	016992-40-8	9





Library Search Compound Report

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Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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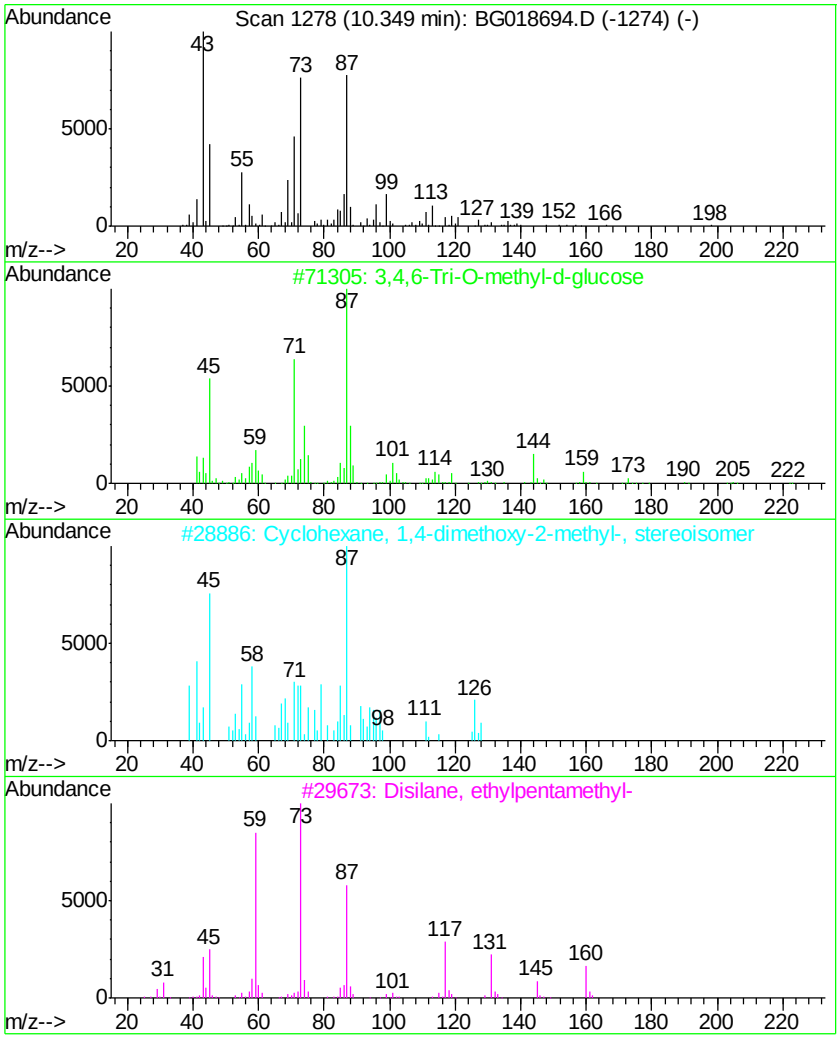
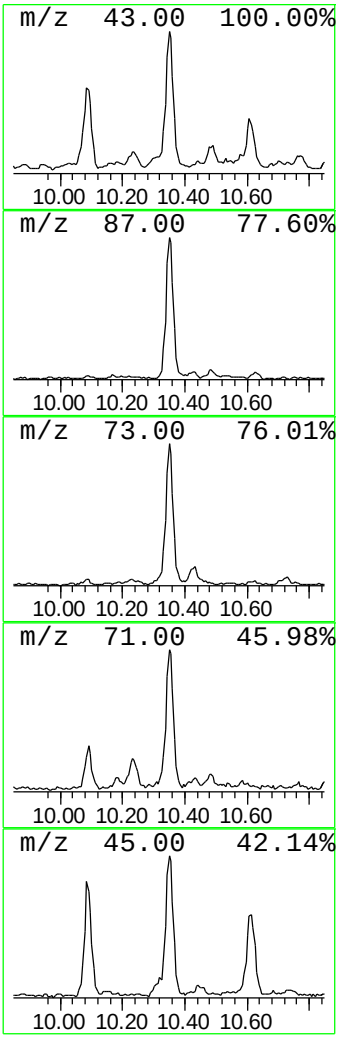
Peak Number 23 unknown-07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	15.91 ng/ul	544812	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4,6-Tri-O-methyl-d-glucose	222	C9H18O6	1000127-03-2	38
2	Cyclohexane, 1,4-dimethoxy-2-met...	158	C9H18O2	030363-88-3	28
3	Disilane, ethylpentamethyl-	160	C7H20Si2	015063-64-6	28
4	3-Ethyl-4-methyl-3-heptanol	158	C10H22O	066719-39-9	25
5	1-Cyclopentyl-1-propanol	128	C8H16O	019833-89-7	25





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Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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Quant Title : SVOA CALIBRATION

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

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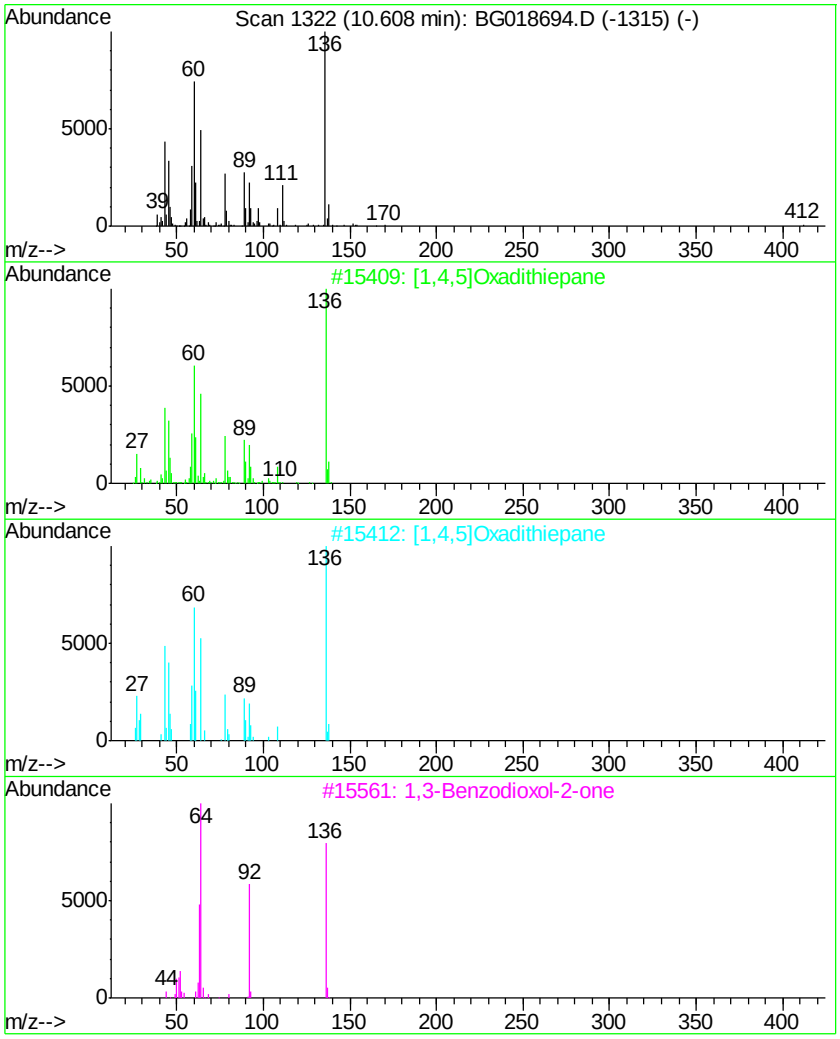
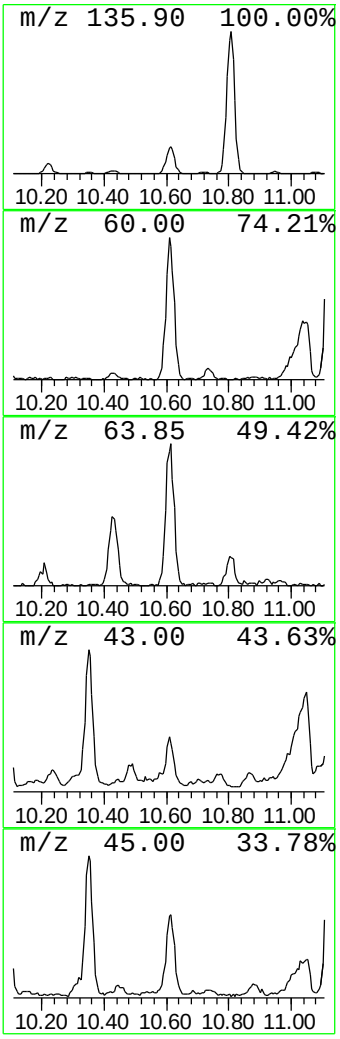
Peak Number 24 [1,4,5]Oxadithiepane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	13.66 ng/ul	467997	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,4,5]Oxadithiepane	136	C4H8OS2	003886-40-6	97
2	[1,4,5]Oxadithiepane	136	C4H8OS2	003886-40-6	95
3	1,3-Benzodioxol-2-one	136	C7H4O3	002171-74-6	40
4	Thiosulfuric acid (H2S2o3), S-[2...	321	C8H20NO6PS2	062209-41-0	25
5	Ethyl trifluoromethyl trisulfide	194	C3H5F3S3	055882-01-4	17





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Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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Quant Title : SVOA CALIBRATION

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

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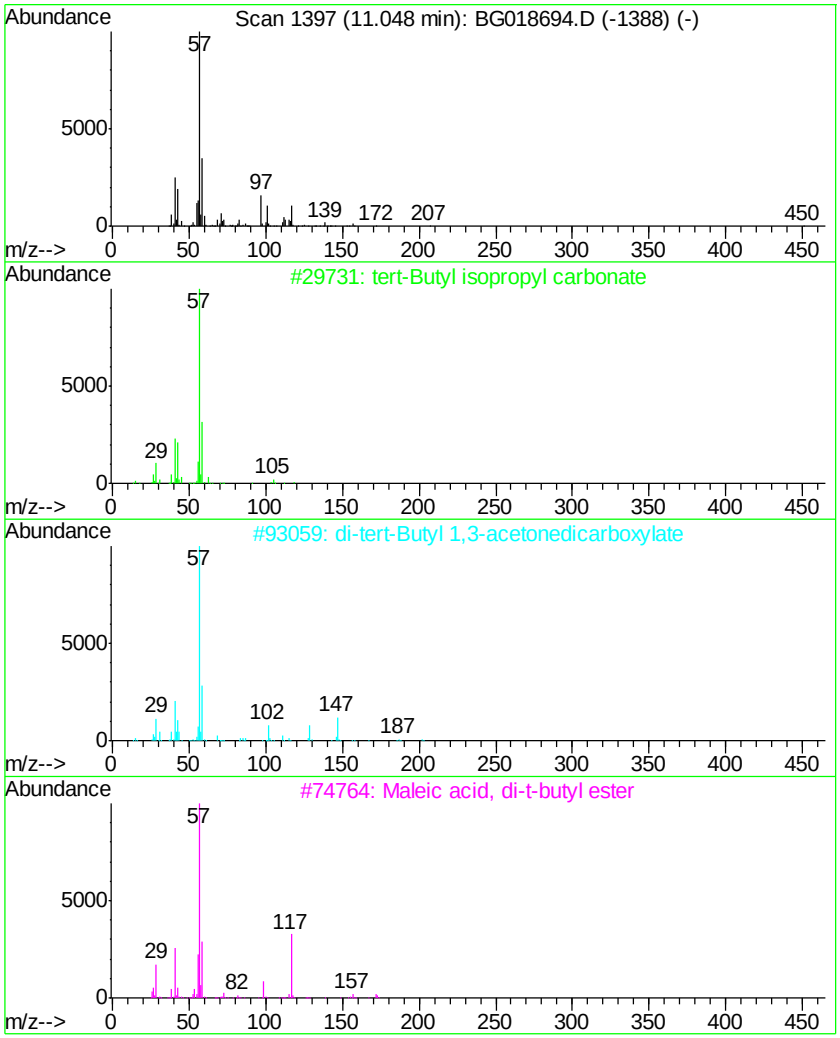
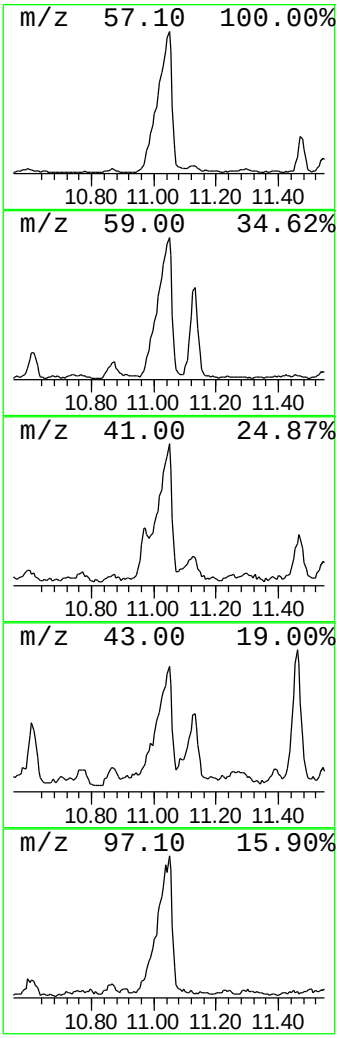
Peak Number 25 unknown-08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	47.26 ng/ul	1618740	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyl isopropyl carbonate	160	C8H16O3	030221-21-7	38
2	di-tert-Butyl 1,3-acetonedicarbo...	258	C13H22O5	028009-80-5	38
3	Maleic acid, di-t-butyl ester	228	C12H20O4	018305-60-7	37
4	Hydrazinecarboxylic acid, 1,1-di...	132	C5H12N2O2	000870-46-2	28
5	Sulfurous acid, bis(2-methylprop...	194	C8H18O3S	018748-27-1	25





Library Search Compound Report

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Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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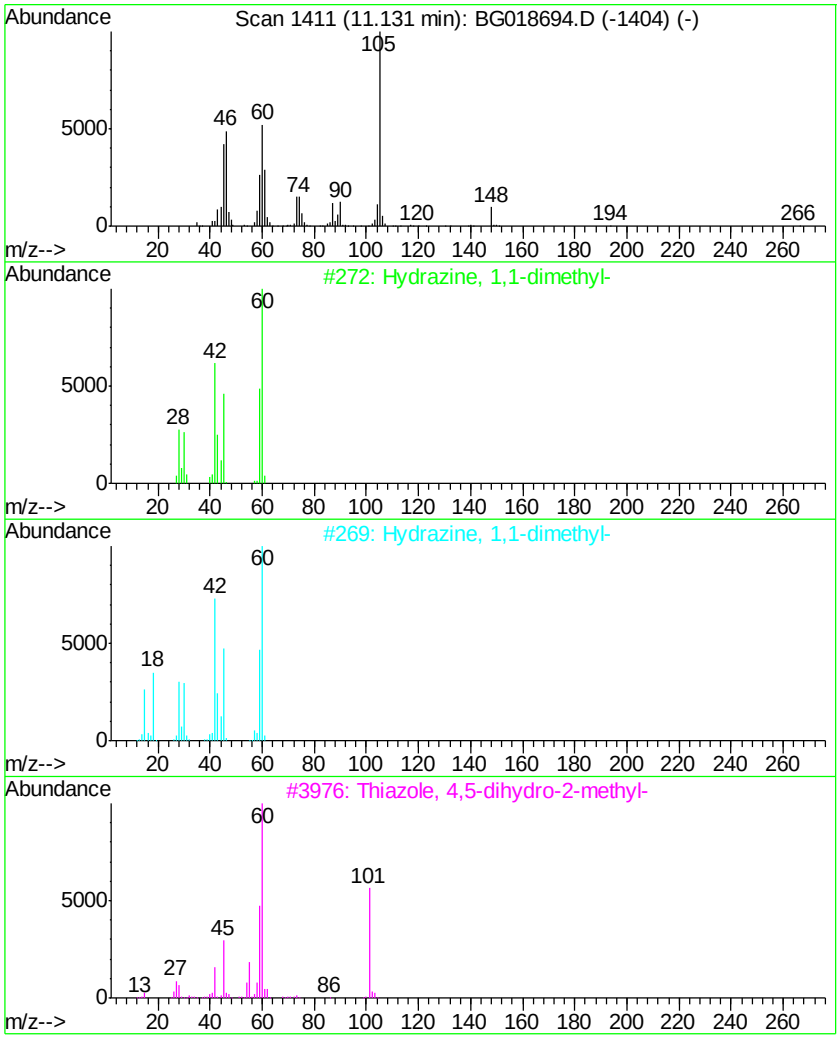
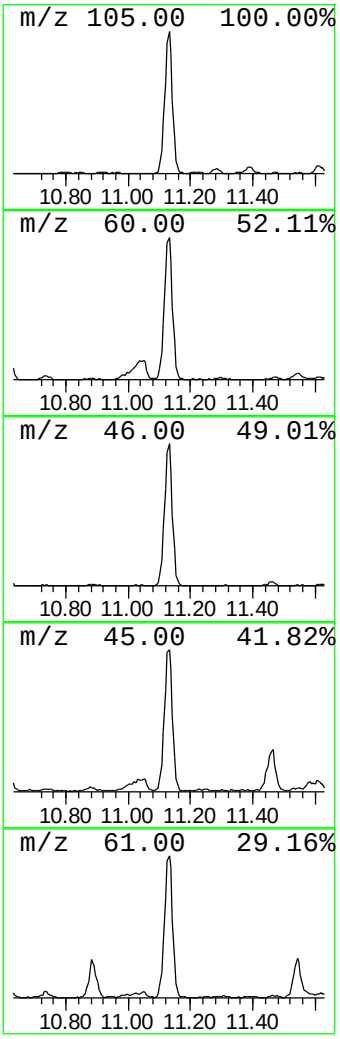
Peak Number 26 unknown-09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	43.17 ng/ul	1478580	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	38
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	Dimethoxyamine	77	C2H7NO2	007487-32-3	17
5	2-(2-Hydroxyethylthio)propionic ...	150	C5H10O3S	209276-28-8	12





Library Search Compound Report

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Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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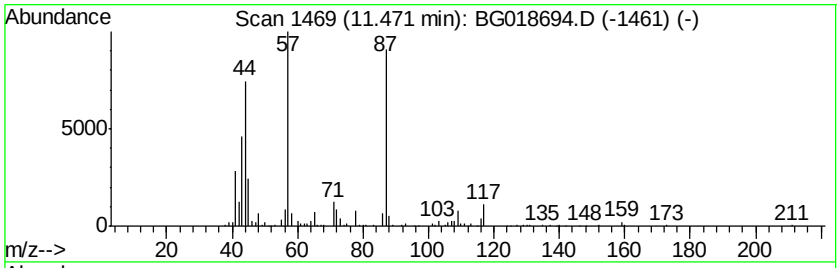
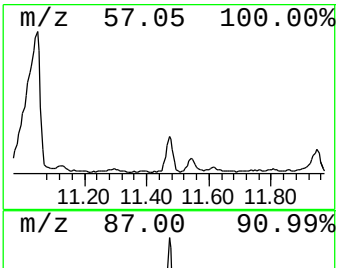
Peak Number 27 1,3-Dioxolane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	17.75 ng/ul	608090	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 4-methyl-	88	C4H8O2	001072-47-5	59
2	Acetic acid, hydroxy[(1-oxo-2-pr...	145	C5H7NO4	006737-24-2	46
3	Acetamide, N,N-dimethyl-	87	C4H9NO	000127-19-5	45
4	Acetamide, N,N-dimethyl-	87	C4H9NO	000127-19-5	45
5	Propanamide, 2-methyl-	87	C4H9NO	000563-83-7	43





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Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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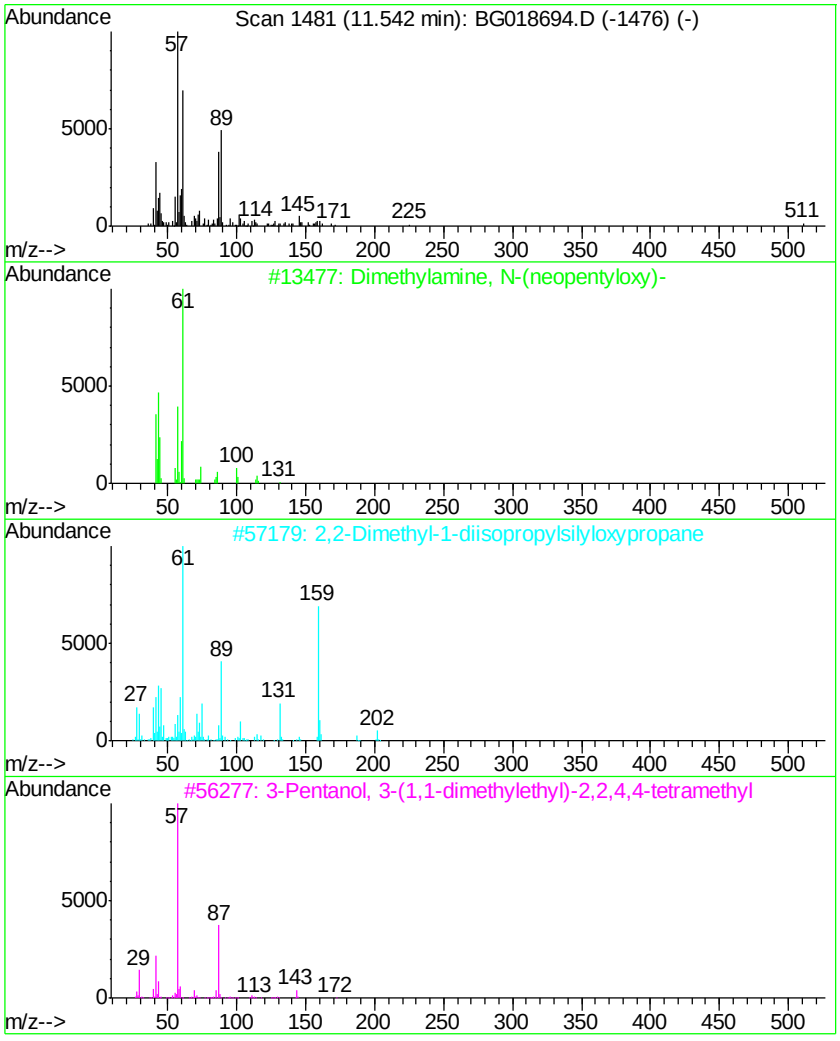
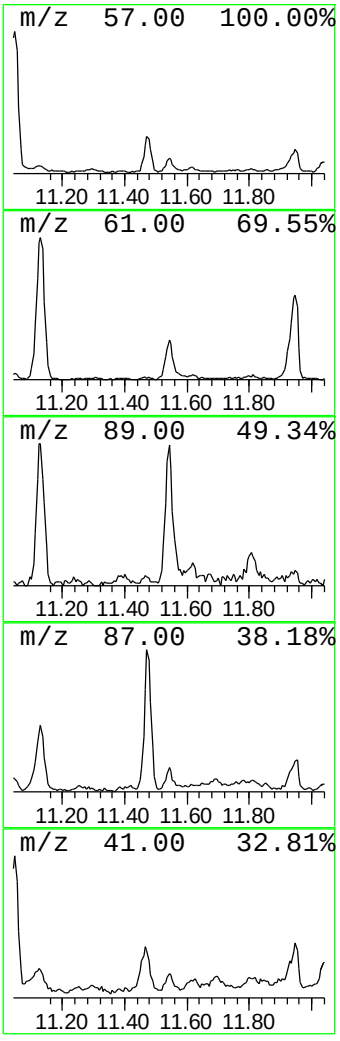
Peak Number 28 unknown-10 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	5.49 ng/ul	188050	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethylamine, N-(neopentyloxy)-	131	C7H17NO	013993-88-9	25
2	2,2-Dimethyl-1-diisopropylsilylo...	202	C11H26OSi	1000279-17-4	23
3	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	22
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	22
5	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	14





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Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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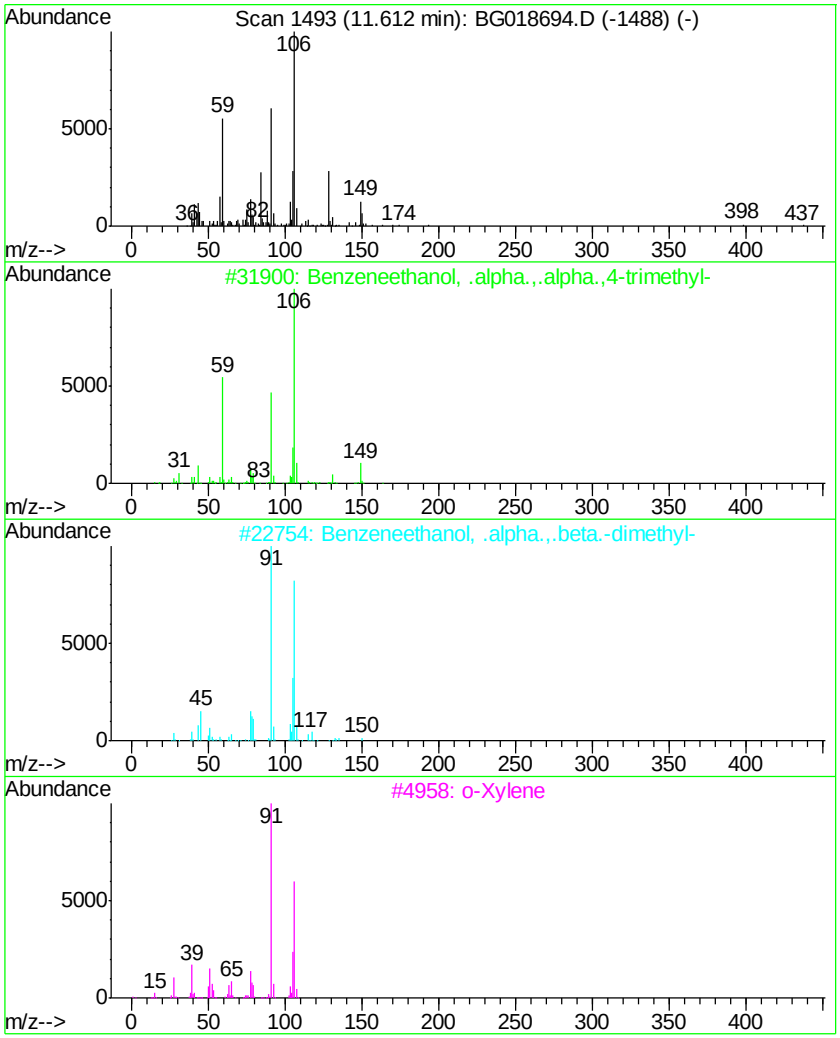
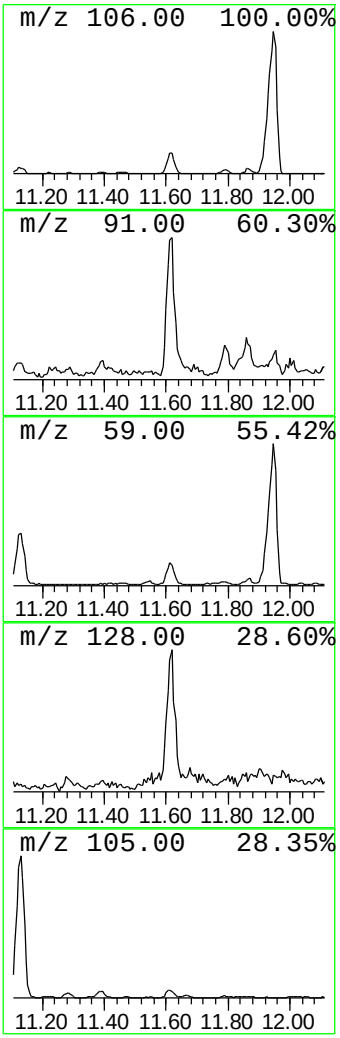
Peak Number 29 Benzeneethanol, .alpha.,.al... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	9.22 ng/ul	315782	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .alpha.,.alpha.,...	164	C11H16O	020834-59-7	53
2	Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	46
3	o-Xylene	106	C8H10	000095-47-6	43
4	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	38
5	2-Phenyl-hex-5-en-3-ol	176	C12H16O	077383-06-3	38





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Misc :
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Instrument : BNA_G
ClientSampleId : B0AM7

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Quant Title : SVOA CALIBRATION

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

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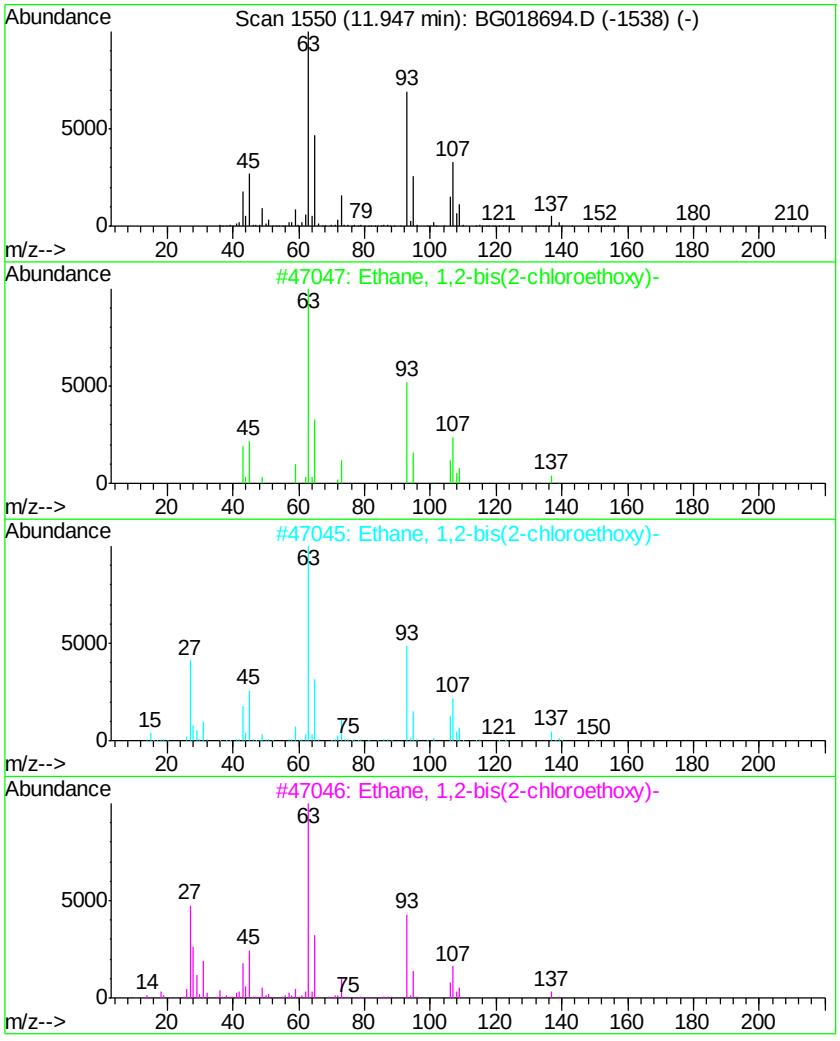
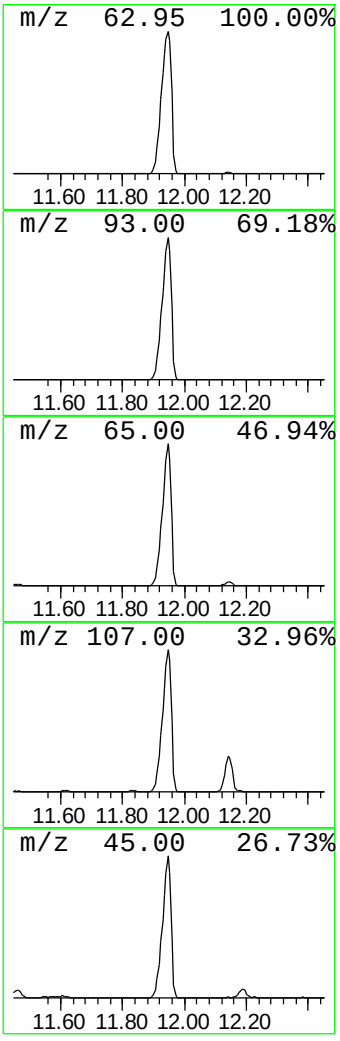
Peak Number 30 Ethane, 1,2-bis(2-chloroeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	352.72 ng/ul	12080800	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	59
4	(S)-(-)-2-Chloropropionic acid	108	C3H5ClO2	029617-66-1	50
5	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	50





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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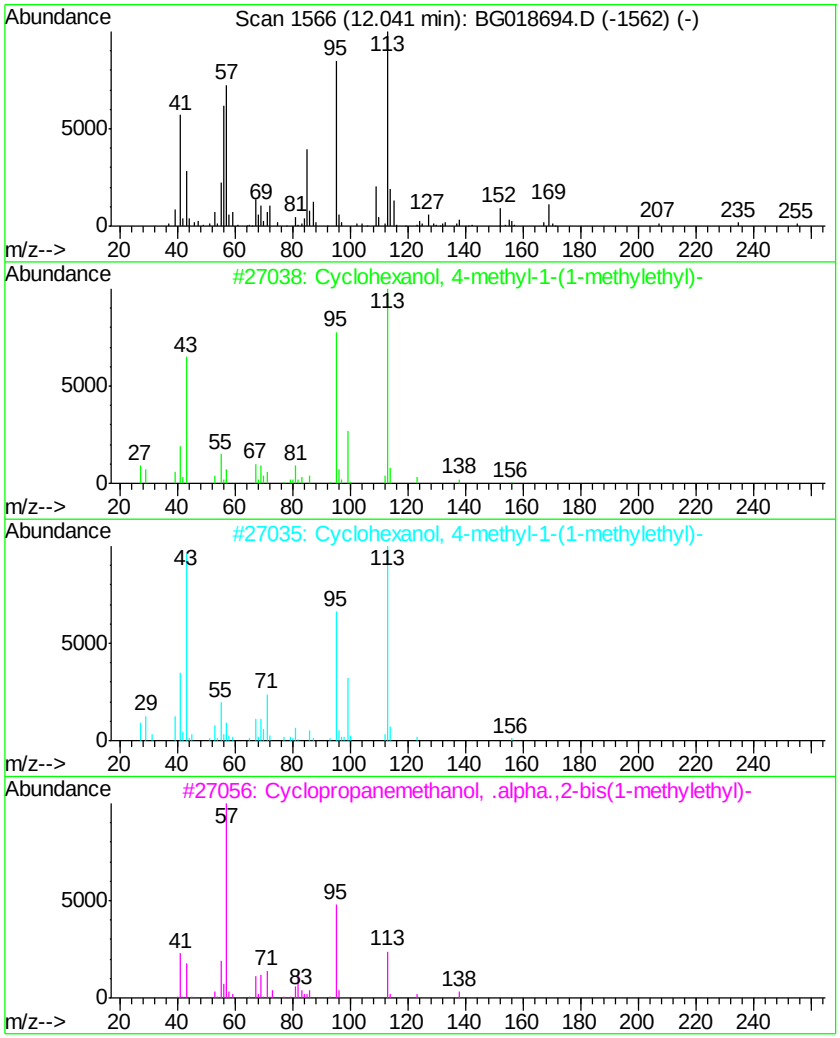
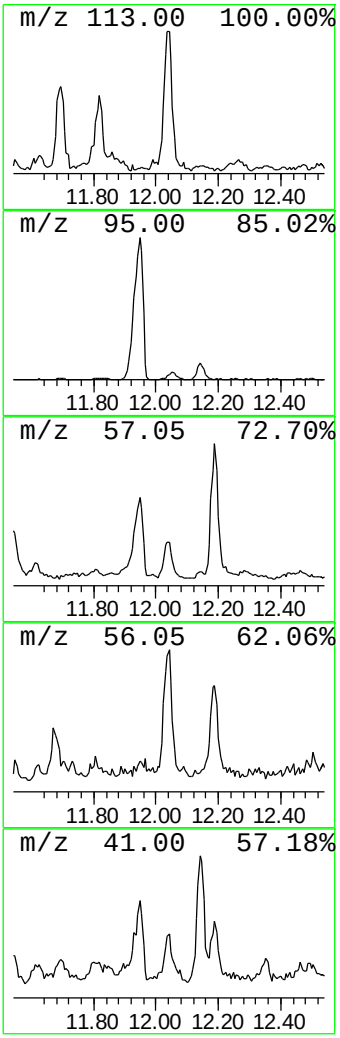
Peak Number 31 unknown-11 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	6.62 ng/ul	226761	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-methyl-1-(1-meth...	156	C10H20O	000470-65-5	43
2	Cyclohexanol, 4-methyl-1-(1-meth...	156	C10H20O	000470-65-5	38
3	Cyclopropanemethanol, .alpha.,2-...	156	C10H20O	056259-16-6	37
4	2-Furancarboxylic acid, hexyl ester	196	C11H16O3	039251-86-0	37
5	4-Fluoroimidazole-5-carboxylic a...	144	C5H5FN2O2	1000129-57-4	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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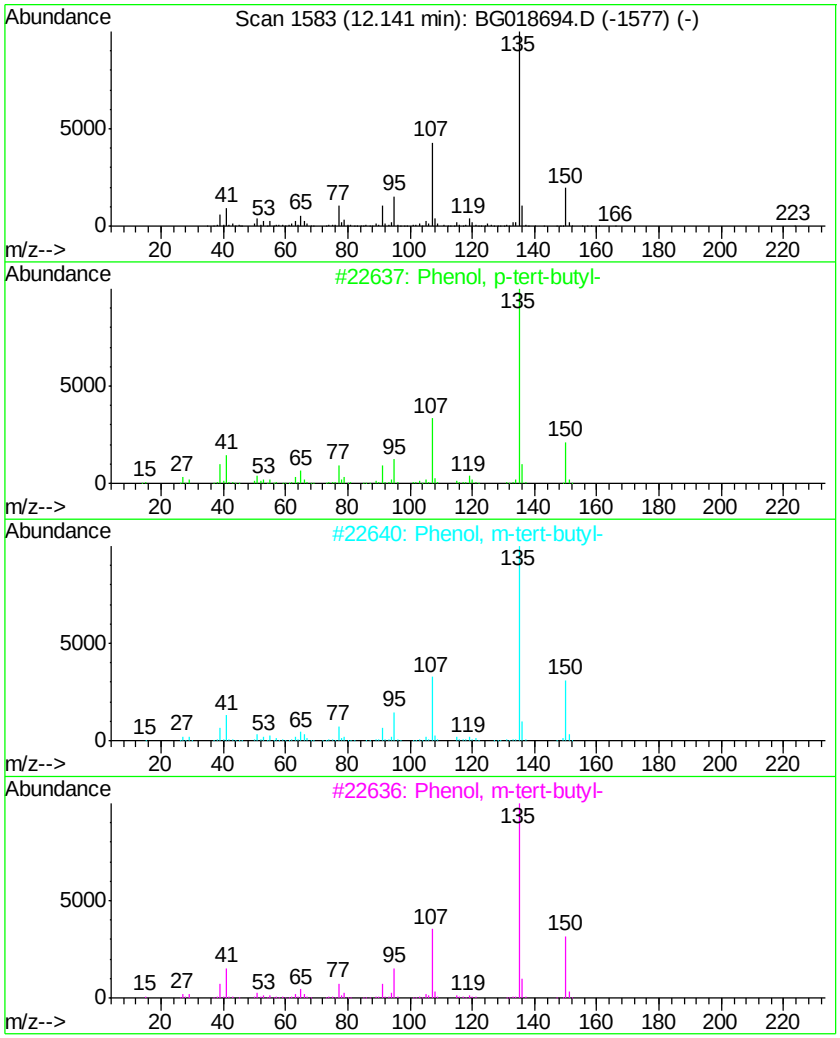
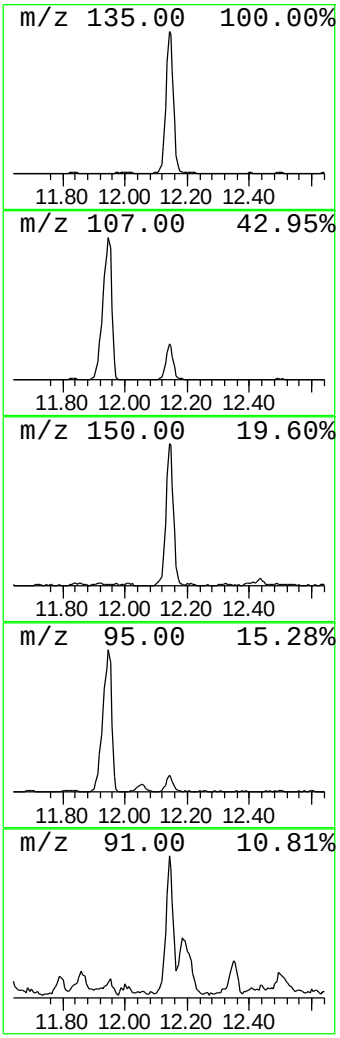
Peak Number 32 Phenol, p-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	39.57 ng/ul	1355420	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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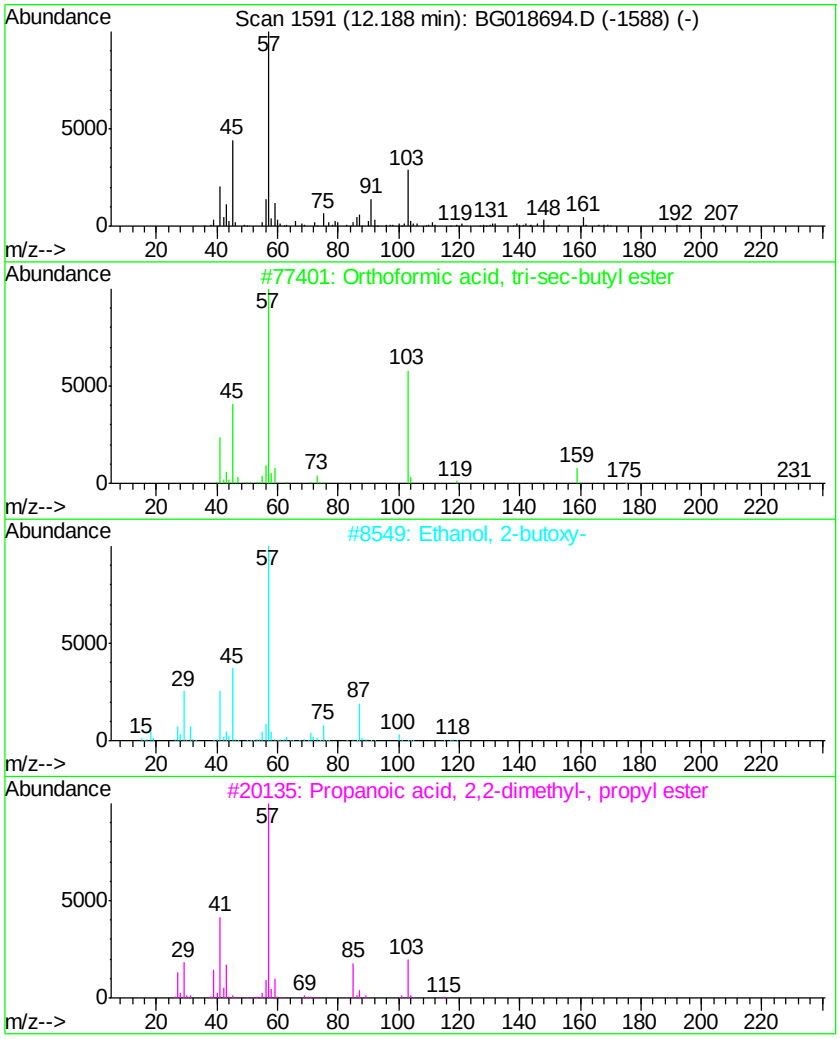
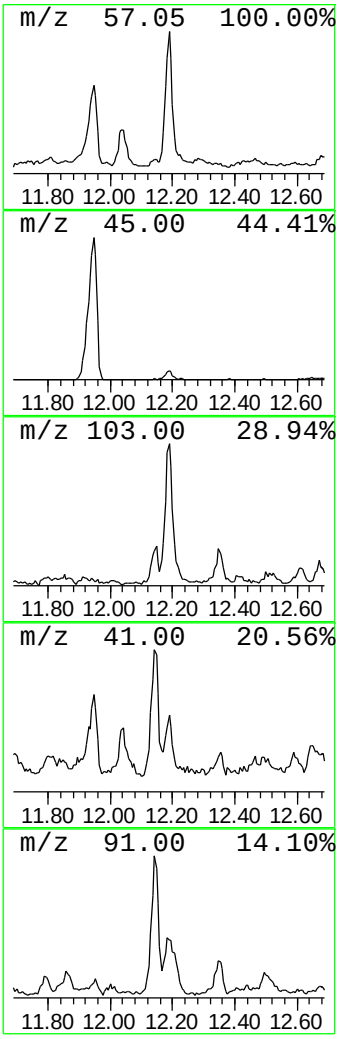
Peak Number 33 Orthoformic acid, tri-sec-b... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	12.02 ng/ul	411863	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Orthoformic acid, tri-sec-butyl ...	232	C13H28O3	016754-48-6	59
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	43
3	Propanoic acid, 2,2-dimethyl-, p...	144	C8H16O2	005129-35-1	38
4	Ethanol, 2-(1,1-dimethylethoxy)-	118	C6H14O2	007580-85-0	38
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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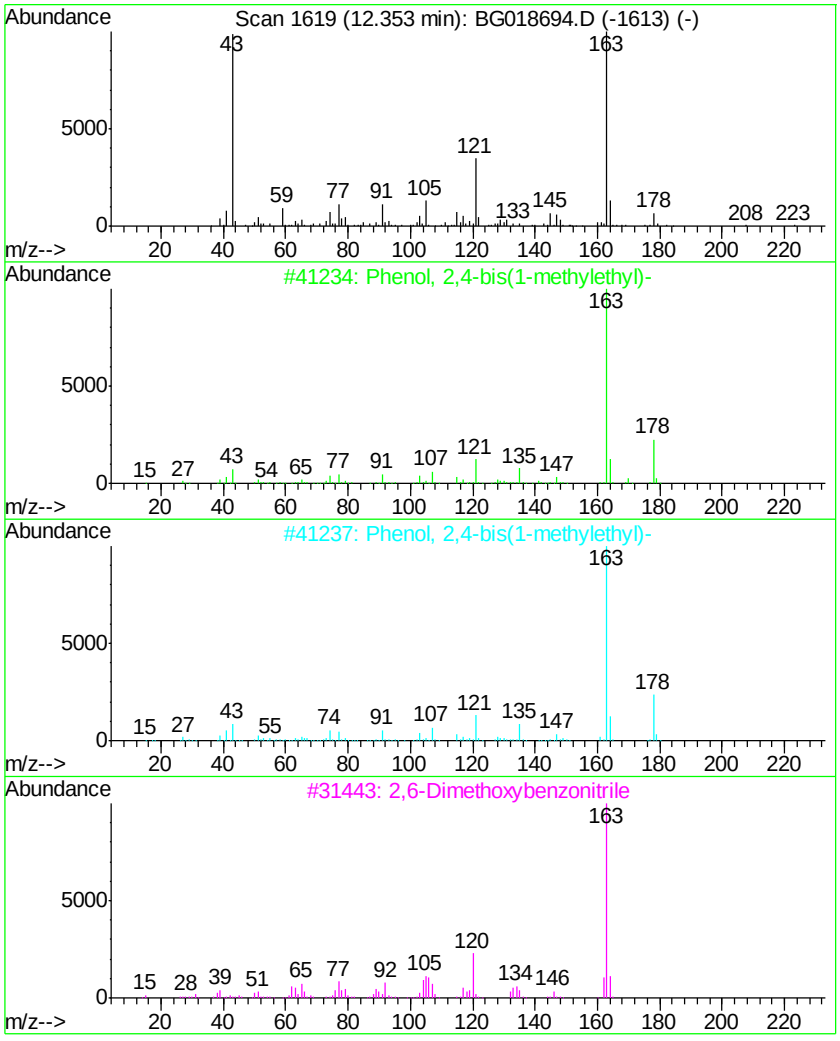
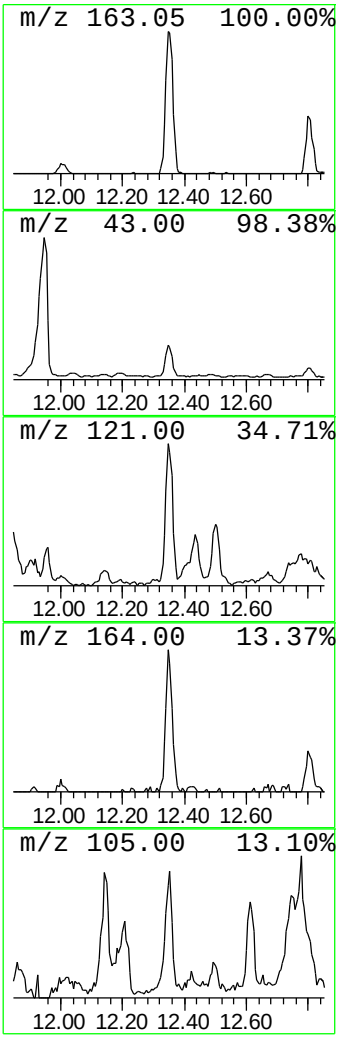
Peak Number 34 Phenol, 2,4-bis(1-methyleth... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	10.01 ng/ul	342943	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	78
2	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	74
3	2,6-Dimethoxybenzonitrile	163	C9H9NO2	016932-49-3	59
4	2,6-Diacetylpyridine	163	C9H9NO2	001129-30-2	53
5	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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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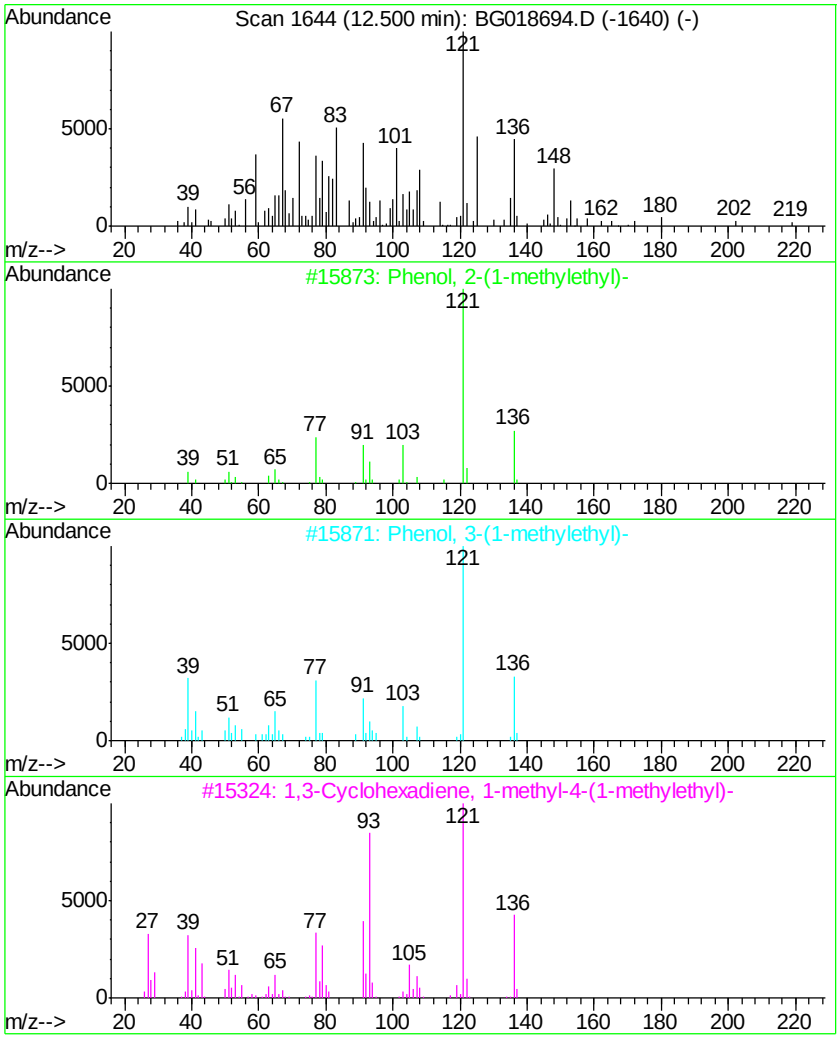
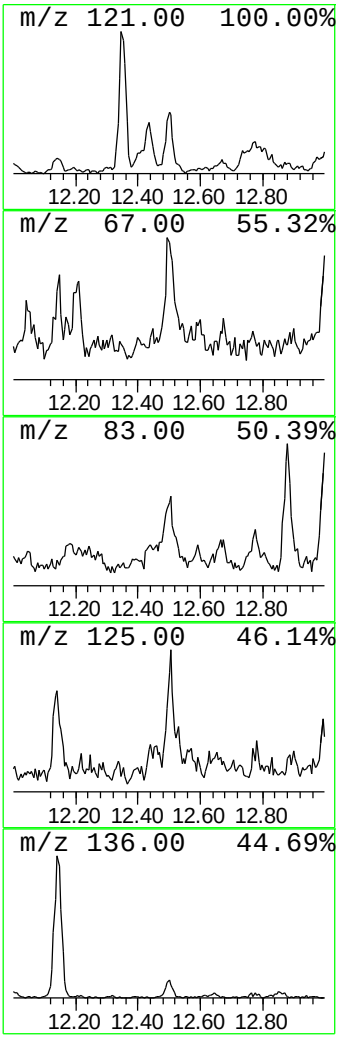
Peak Number 35 unknown-12 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.26 ng/ul	180043	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	38
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	38
3	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	30
4	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	30
5	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018694.D
Acq On : 15 Sep 2015 22:13
Operator : UM/IZ
Sample : G3641-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM7

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	53.2	ng/ul	1991070	1	8.00	748550	20.0
Butanamide, 3,3-d...	5.44	75.2	ng/ul	2813320	1	8.00	748550	20.0
1,4-Oxathiane	5.94	59.5	ng/ul	2226980	1	8.00	748550	20.0
Benzene, 1,3-dime...	6.01	12.3	ng/ul	458513	1	8.00	748550	20.0
unknown-01	6.28	5.4	ng/ul	201915	1	8.00	748550	20.0
unknown-02	6.30	6.2	ng/ul	231936	1	8.00	748550	20.0
Pentane, 2-methoxy-	6.52	7.0	ng/ul	261031	1	8.00	748550	20.0
(DEL) Alkane: Cyc...	8.09	13.6	ng/ul	509525	1	8.00	748550	20.0
Propane, 1-(chlor...	8.55	51.1	ng/ul	1912570	1	8.00	748550	20.0
unknown-03	9.10	5.0	ng/ul	186716	1	8.00	748550	20.0
Cyclohexanone, 3,...	9.38	7.3	ng/ul	271752	1	8.00	748550	20.0
unknown-04	9.44	6.6	ng/ul	227561	2	10.81	685017	20.0
Acetaldehyde, (3,...	9.51	15.2	ng/ul	521938	2	10.81	685017	20.0
Benzene, 1,2,3,5-...	9.63	6.5	ng/ul	224100	2	10.81	685017	20.0
Benzene, 1,2,4,5-...	9.69	11.4	ng/ul	389332	2	10.81	685017	20.0
3-Hexanol, 3-ethyl-	10.08	16.2	ng/ul	556123	2	10.81	685017	20.0
unknown-05	10.21	17.0	ng/ul	582145	2	10.81	685017	20.0
unknown-06	10.31	4.6	ng/ul	157397	2	10.81	685017	20.0
unknown-07	10.35	15.9	ng/ul	544812	2	10.81	685017	20.0
[1,4,5]Oxadithiepane	10.61	13.7	ng/ul	467997	2	10.81	685017	20.0
unknown-08	11.05	47.3	ng/ul	1618740	2	10.81	685017	20.0
unknown-09	11.13	43.2	ng/ul	1478580	2	10.81	685017	20.0
1,3-Dioxolane, 4-...	11.47	17.8	ng/ul	608090	2	10.81	685017	20.0
unknown-10	11.54	5.5	ng/ul	188050	2	10.81	685017	20.0
Benzeneethanol, ...	11.61	9.2	ng/ul	315782	2	10.81	685017	20.0
Ethane, 1,2-bis(2...	11.95	352.7	ng/ul	12080800	2	10.81	685017	20.0
unknown-11	12.04	6.6	ng/ul	226761	2	10.81	685017	20.0
Phenol, p-tert-bu...	12.14	39.6	ng/ul	1355420	2	10.81	685017	20.0
Orthoformic acid,...	12.19	12.0	ng/ul	411863	2	10.81	685017	20.0
Phenol, 2,4-bis(1...	12.35	10.0	ng/ul	342943	2	10.81	685017	20.0
unknown-12	12.50	5.3	ng/ul	180043	2	10.81	685017	20.0