LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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	3.104	38	45	53	rBV3	34701	63744	2.94%	0.183%
2	3.181	53	58	72	rVB	409681	556944	25.71%	1.602%
3	4.303	244	249	255	rBV	44137	58911	2.72%	0.169%
4	5.319	416	422	433	rVB	207139	332777	15.36%	0.957%
5	5.443	435	443	450	rBV	469448	679584	31.38%	1.954%
6	5.513	450	455	459	rBV	124052	206917	9.55%	0.595%
7	5.666	473	481	486	rVB	48166	83798	3.87%	0.241%
8	5.936	520	527	534	rVV	753390	1218155	56.24%	3.503%
9	6.013	534	540	548	rVV	175401	282939	13.06%	0.814%
10	6.271	575	584	593	rBV	46336	84908	3.92%	0.244%
11	6.812	670	676	684	rBV	25025	43151	1.99%	0.124%
12	7.047	711	716	720	rVV2	21184	40706	1.88%	0.117%
13	7.147	727	733	740	rVV4	74354	149728	6.91%	0.431%
14	7.223	740	746	756	rVB	312139	490570	22.65%	1.411%
15	7.323	756	763	769	rBV2	69071	121292	5.60%	0.349%
16	7.417	769	779	788	rVB2	564079	1196893	55.26%	3.442%
17	7.558	794	803	810	rVB4	188532	415835	19.20%	1.196%
18	7.646	811	818	825	rVB2	114411	216076	9.98%	0.621%
19	7.999	870	878	884	rBV	173131	344306	15.90%	0.990%
20	8.093	888	894	909	rVB	487031	838617	38.72%	2.412%
21	8.263	914	923	929	rBV5	60264	166364	7.68%	0.478%
22	8.357	932	939	946	rBV2	462032	898738	41.49%	2.585%
23	8.428	946	951	958	rVV	1327822	2165914	100.00%	6.229%
24	8.492	958	962	966	rVV	57155	94565	4.37%	0.272%
25	8.545	966	971	976	rVB	299947	445408	20.56%	1.281%
26	8.633	978	986	991	rBV3	179654	394420	18.21%	1.134%
27	8.704	995	998	1005	rVB3	90192	167706	7.74%	0.482%
28	8.804	1007	1015	1020	rBV3	55308	115348	5.33%	0.332%
29	8.956	1032	1041	1044	rBV2	150001	343207	15.85%	0.987%
30	9.103	1056	1066	1073	rBV	284246	625372	28.87%	1.798%
31	9.438	1119	1123	1125	rBV	53403	79575	3.67%	0.229%
32	9.632	1150	1156	1161	rBV	207100	371917	17.17%	1.070%
33	9.691	1161	1166	1171	rVB	285864	436384	20.15%	1.255%
34	9.885	1194	1199	1213	rVB5	101763	265861	12.27%	0.765%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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	10.002	1213	1219	1223	rBV4	46495	95778	4.42%	0.275%
36	10.208	1241	1254	1261	rBV3	374592	817142	37.73%	2.350%
37	10.355	1271	1279	1286	rBV8	127432	319540	14.75%	0.919%
38	10.431	1286	1292	1297	rVV2	146530	278650	12.87%	0.801%
39	10.490	1297	1302	1307	rVV4	95243	179268	8.28%	0.516%
40	10.613	1318	1323	1328	rVB	159572	278231	12.85%	0.800%
41	10.678	1329	1334	1339	rVV6	35426	67361	3.11%	0.194%
42	10.807	1348	1356	1360	rBV	239593	458122	21.15%	1.317%
43	10.854	1360	1364	1371	rVB2	174709	341708	15.78%	0.983%
44	11.007	1382	1390	1397	rVB2	155646	344261	15.89%	0.990%
45	11.277	1430	1436	1437	rBV5	59841	97823	4.52%	0.281%
46	11.453	1460	1466	1476	rVB2	146932	317004	14.64%	0.912%
47	11.542	1477	1481	1487	rVB2	85074	143800	6.64%	0.414%
48	11.612	1488	1493	1498	rBV	180969	323069	14.92%	0.929%
49	11.888	1532	1540	1542	rBV2	112591	275913	12.74%	0.793%
50	11.923	1542	1546	1551	rVB	322497	482190	22.26%	1.387%
51	12.053	1563	1568	1574	rVB	147848	257852	11.90%	0.742%
52	12.129	1576	1581	1586	rBV3	61167	122313	5.65%	0.352%
53	12.182	1587	1590	1597	rVB5	47847	91927	4.24%	0.264%
54	12.299	1607	1610	1616	rBV4	45980	81606	3.77%	0.235%
55	12.552	1650	1653	1659	rVB2	74981	113552	5.24%	0.327%
56	12.670	1668	1673	1678	rBV	141210	217002	10.02%	0.624%
57	12.717	1678	1681	1685	rBV2	35472	59512	2.75%	0.171%
58	12.787	1688	1693	1700	rVB4	127243	266419	12.30%	0.766%
59	12.899	1710	1712	1715	rBV2	32919	41084	1.90%	0.118%
60	12.975	1722	1725	1732	rVB	74391	127530	5.89%	0.367%
61	13.204	1760	1764	1769	rBV	227290	353637	16.33%	1.017%
62	13.645	1835	1839	1852	rBV	49702	160348	7.40%	0.461%
63	13.757	1854	1858	1862	rBV2	129438	224339	10.36%	0.645%
64	13.868	1873	1877	1884	rBV2	171611	270456	12.49%	0.778%
65	14.015	1896	1902	1914	rVB2	450875	1021212	47.15%	2.937%
66	14.121	1915	1920	1924	rBV2	79290	146429	6.76%	0.421%
67	14.221	1932	1937	1941	rBV	164949	256540	11.84%	0.738%
68	14.274	1942	1946	1950	rVV2	157550	263235	12.15%	0.757%
69	14.321	1950	1954	1961	rVB	308875	511320	23.61%	1.470%
70	14.397	1962	1967	1972	rBV	233133	358226	16.54%	1.030%
71	14.550	1989	1993	1995	rBV4	40806	60045	2.77%	0.173%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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	14.626	2001	2006	2014	rVB2	480638	835436	38.57%	2.402%
73	14.814	2032	2038	2049	rVB5	155324	369061	17.04%	1.061%
74	14.943	2056	2060	2068	rVB2	97665	155902	7.20%	0.448%
75	15.014	2069	2072	2079	rVV5	34106	70745	3.27%	0.203%
76	15.325	2120	2125	2134	rVB	194870	337070	15.56%	0.969%
77	15.496	2150	2154	2155	rBV	59608	70084	3.24%	0.202%
78	15.625	2170	2176	2184	rVB2	848249	1346249	62.16%	3.871%
79	15.731	2190	2194	2200	rVB2	90528	146673	6.77%	0.422%
80	16.019	2238	2243	2247	rVB	183045	250893	11.58%	0.721%
81	16.130	2258	2262	2270	rVB4	78788	134691	6.22%	0.387%
82	16.359	2296	2301	2306	rVB2	173507	252160	11.64%	0.725%
83	16.453	2312	2317	2320	rBV	169117	247903	11.45%	0.713%
84	16.506	2322	2326	2332	rVV2	158738	307259	14.19%	0.884%
85	16.571	2332	2337	2341	rVV2	160990	253881	11.72%	0.730%
86	16.612	2341	2344	2349	rVB3	98941	142880	6.60%	0.411%
87	16.765	2365	2370	2377	rVB3	237187	426135	19.67%	1.225%
88	16.835	2378	2382	2386	rBV	74473	95556	4.41%	0.275%
89	16.912	2392	2395	2401	rVB2	62895	87244	4.03%	0.251%
90	17.053	2415	2419	2422	rVB5	29605	39683	1.83%	0.114%
91	17.311	2459	2463	2467	rBV	42877	64527	2.98%	0.186%
92	17.370	2467	2473	2482	rVB2	624461	939809	43.39%	2.703%
93	17.470	2484	2490	2496	rVB	431968	656740	30.32%	1.889%
94	18.251	2620	2623	2630	rBV7	44707	78543	3.63%	0.226%
95	19.027	2752	2755	2759	rVB	55296	63848	2.95%	0.184%
96	19.750	2873	2878	2883	rBV	494713	721769	33.32%	2.076%
97	21.512	3175	3178	3185	rVB	63402	83831	3.87%	0.241%
98	21.630	3191	3198	3205	rBV	647733	1067484	49.29%	3.070%
99	24.591	3693	3702	3714	rVB	236837	636899	29.41%	1.832%
100	24.814	3730	3740	3750	rVB	388910	1069990	49.40%	3.077%

Sum of corrected areas: 34774019

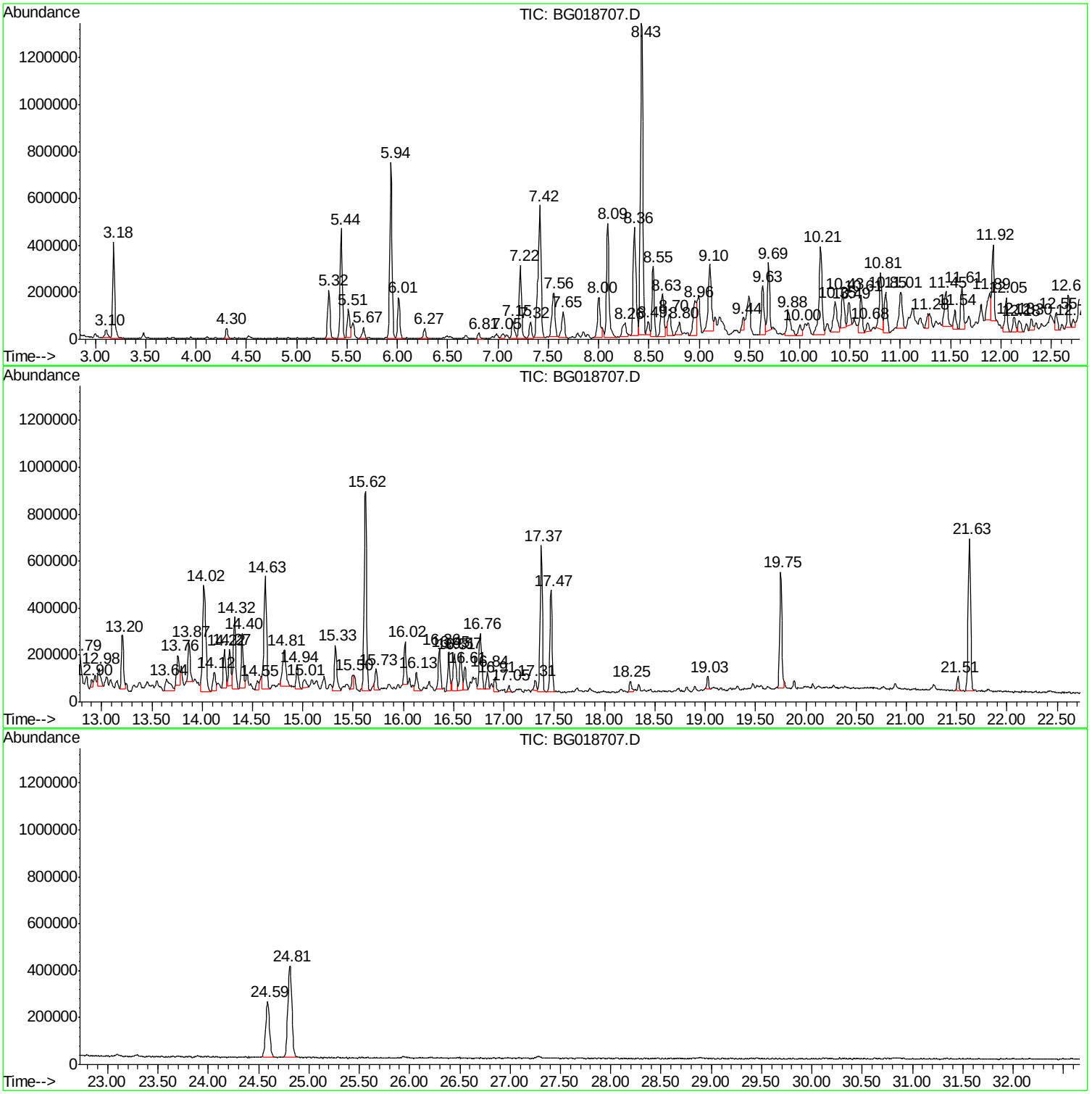
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

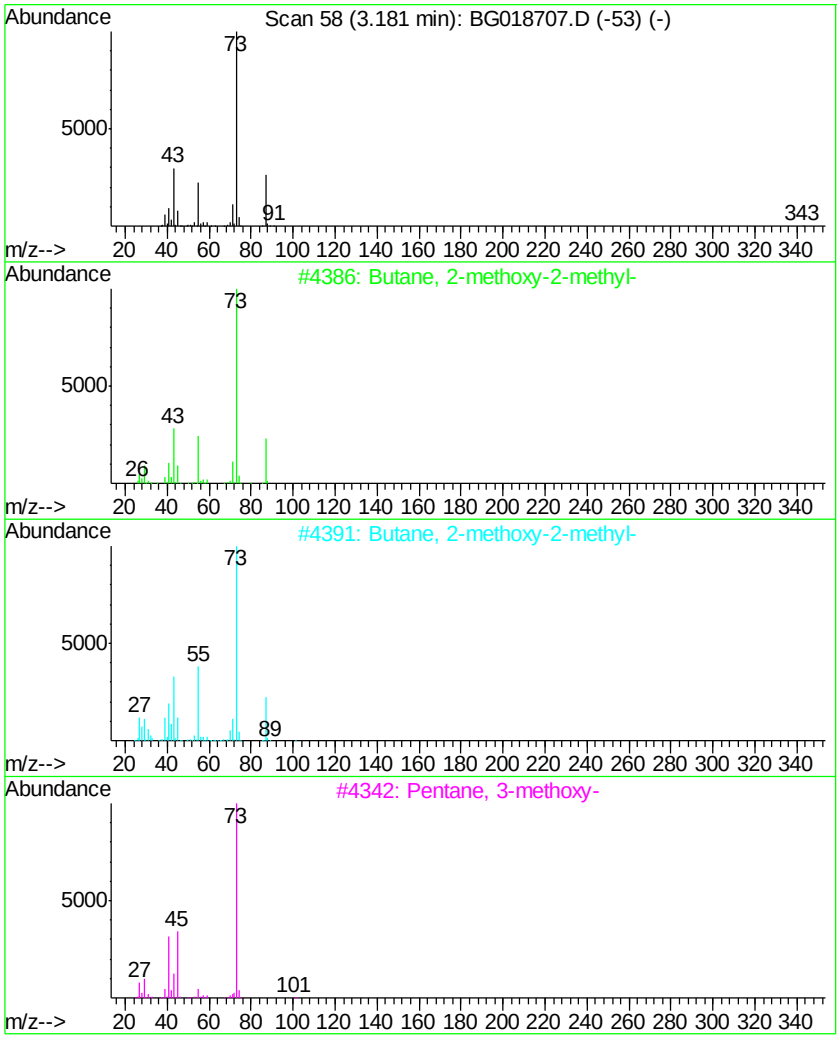
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

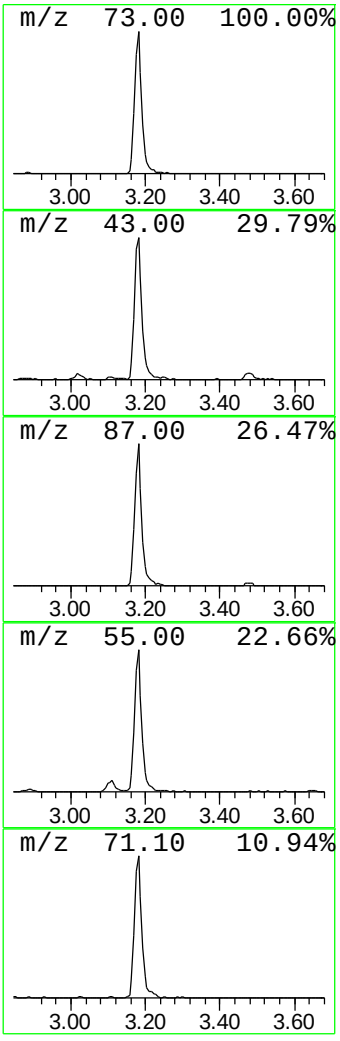
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	32.35 ng/ul	556944	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

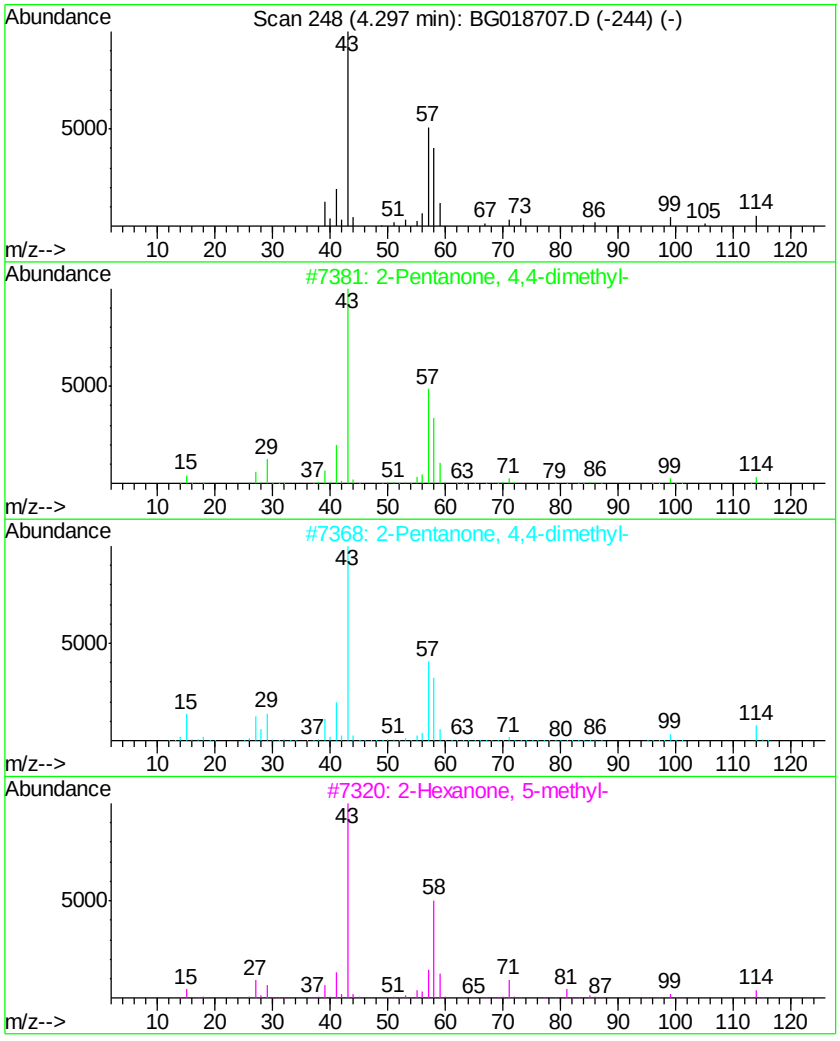
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

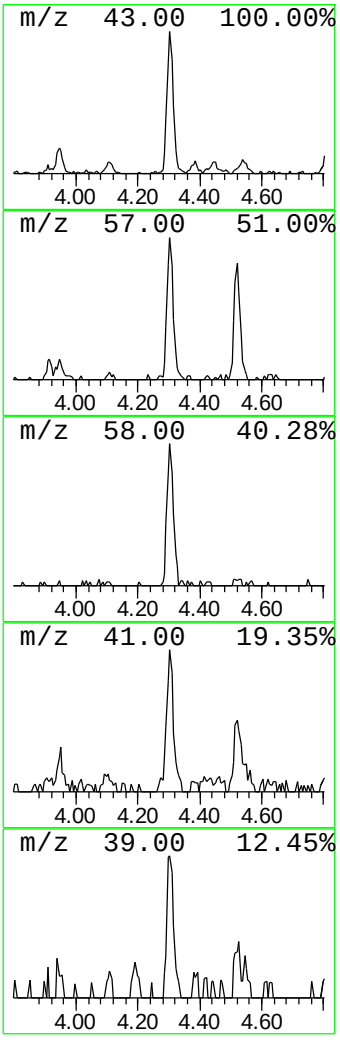
****

Peak Number 3 2-Pentanone, 4,4-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	3.42 ng/ul	58911	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	80
2	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	78
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	78
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	64
5	2-Heptanone	114	C7H14O	000110-43-0	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

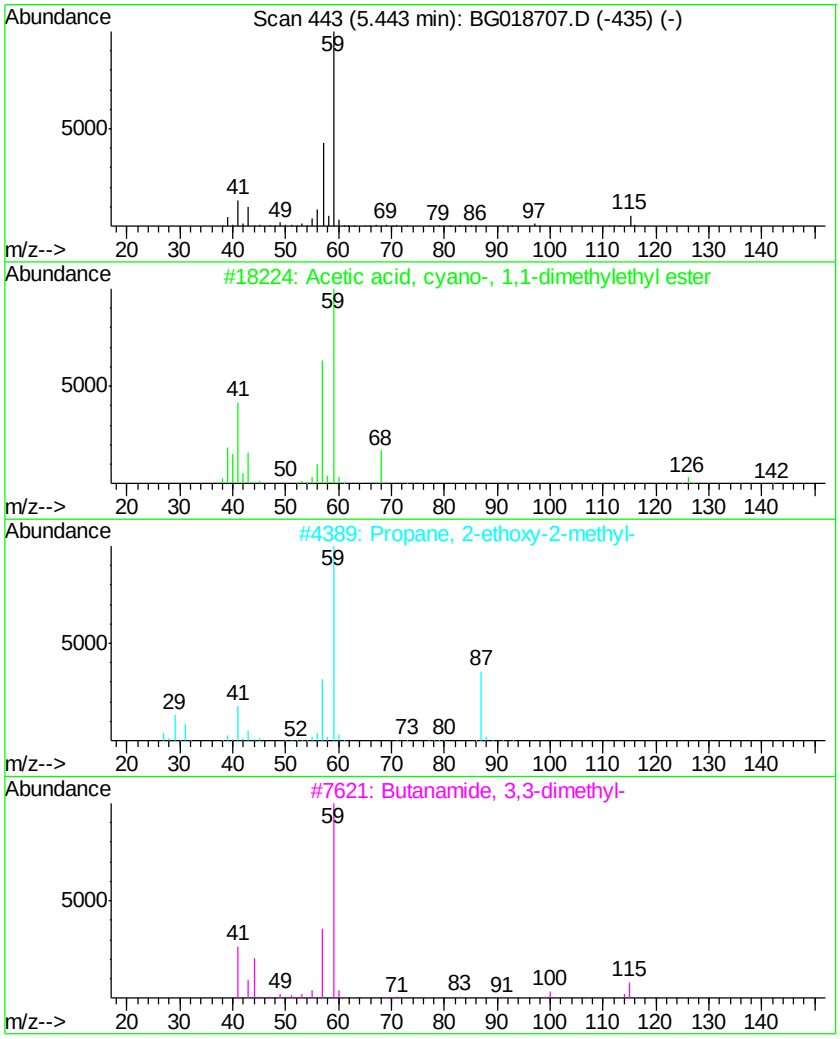
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

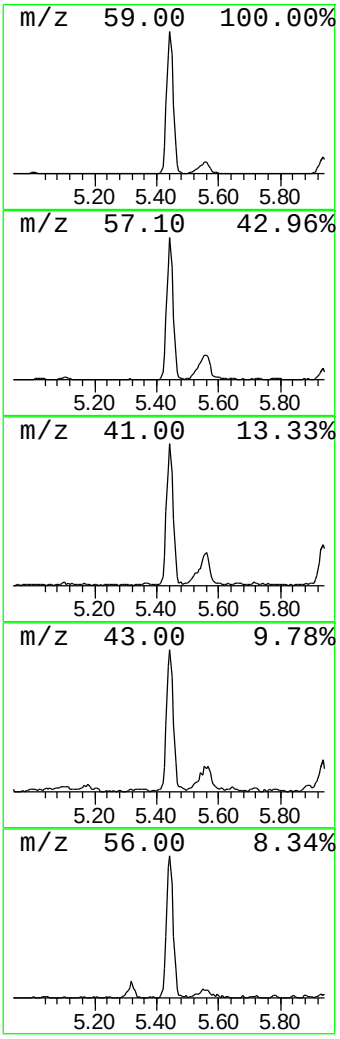
****

Peak Number 5 Acetic acid, cyano-, 1,1-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	39.48 ng/ul	679584	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	40
3	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	9
4	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	9
5	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

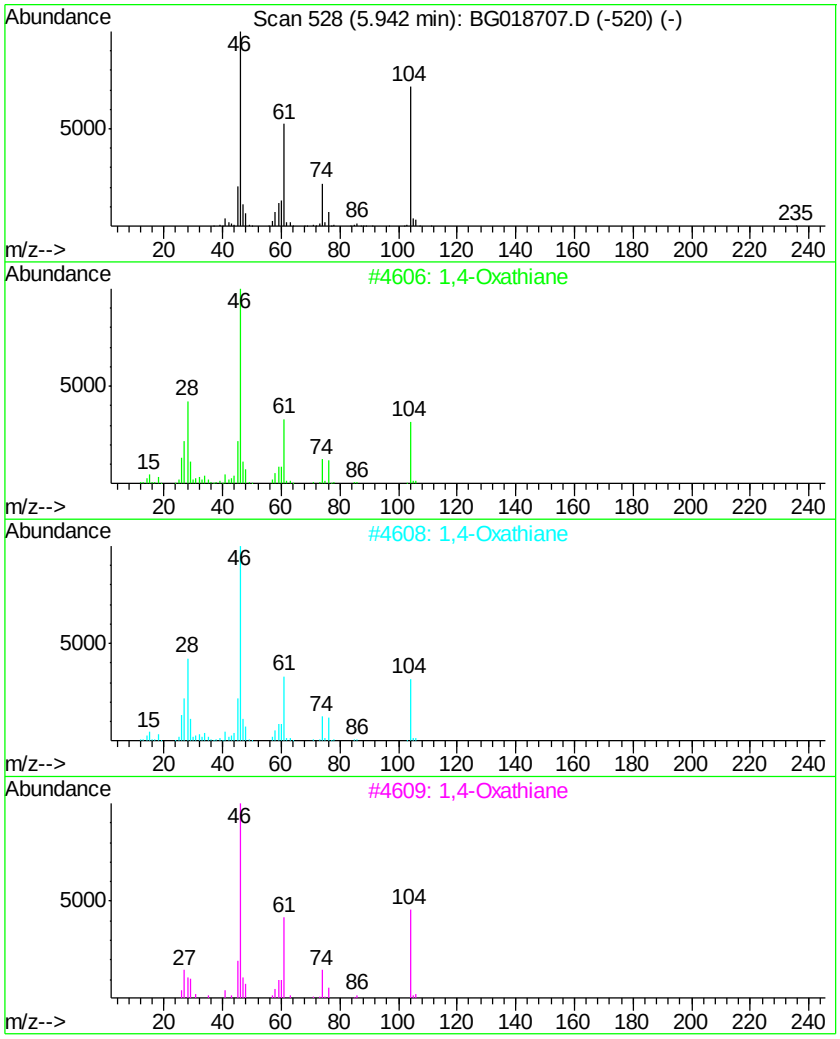
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

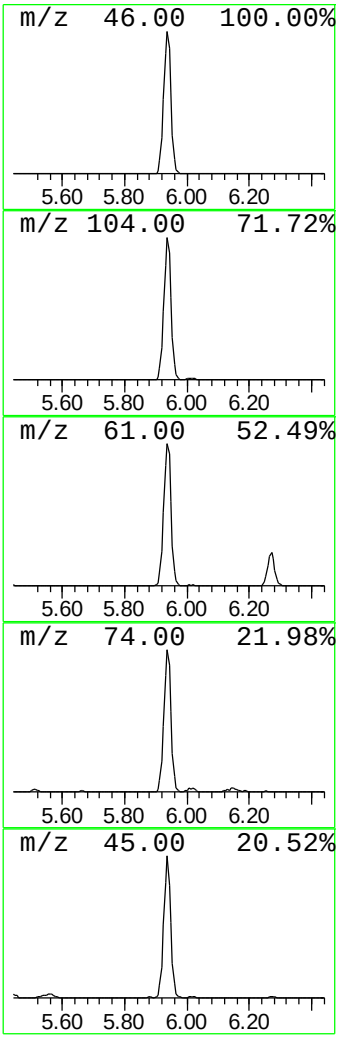
****

Peak Number 8 1,4-Oxathiane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	70.76 ng/ul	1218160	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Oxathiane	104	C4H8OS	015980-15-1	91
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	Dihydro-3-(2H)-thiophenone	102	C4H6OS	001003-04-9	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

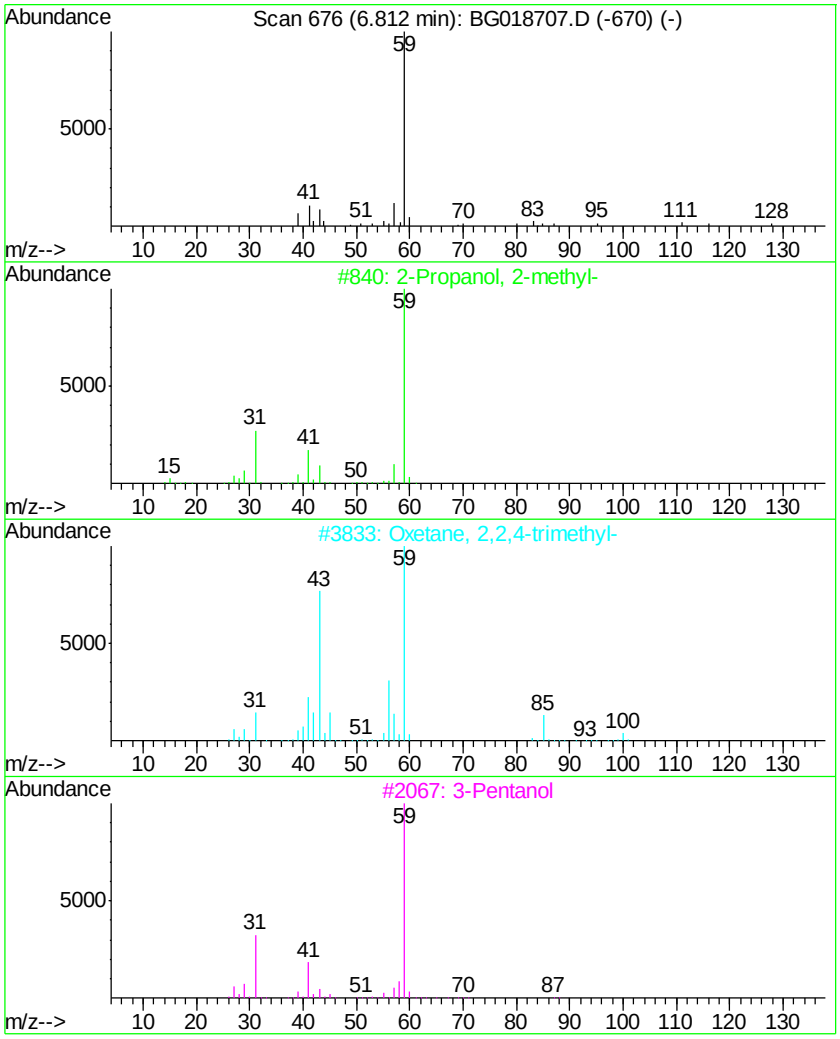
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

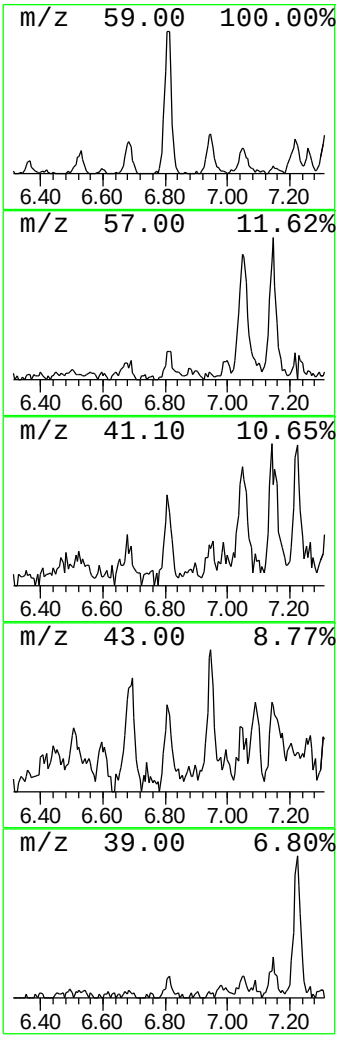
****

Peak Number 11 2-Propanol, 2-methyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	2.51 ng/ul	43151	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	40
3	3-Pentanol	88	C5H12O	000584-02-1	40
4	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	40
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

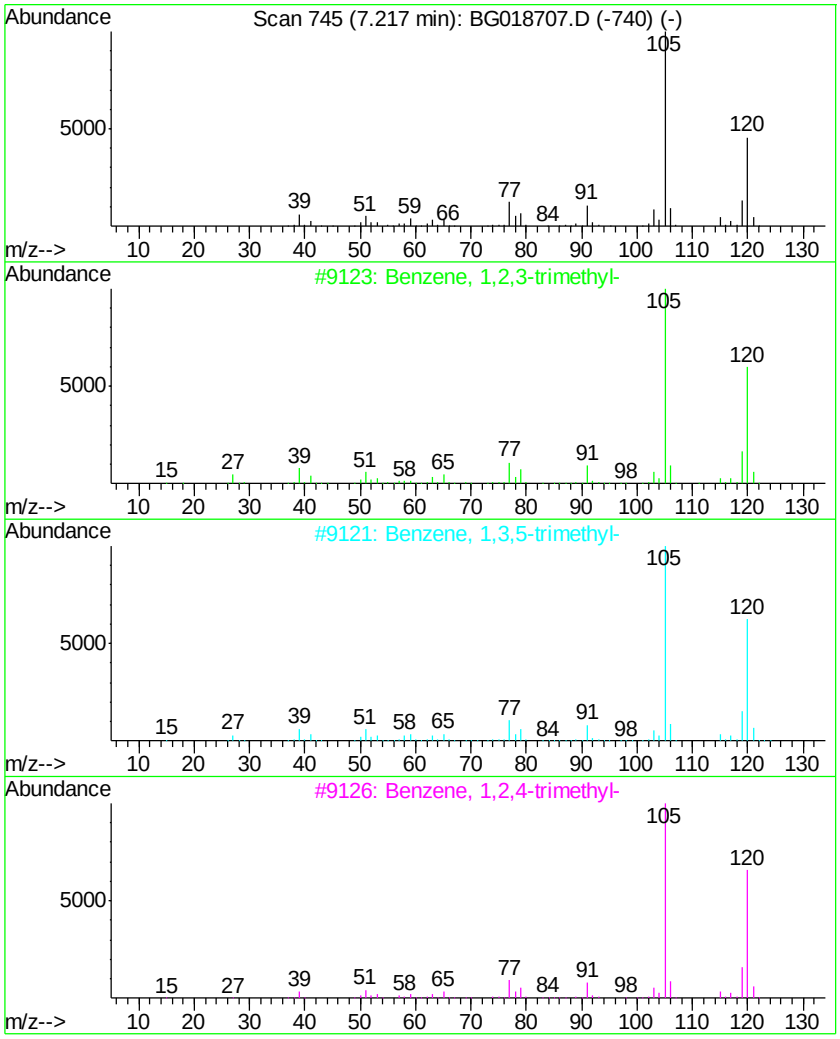
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

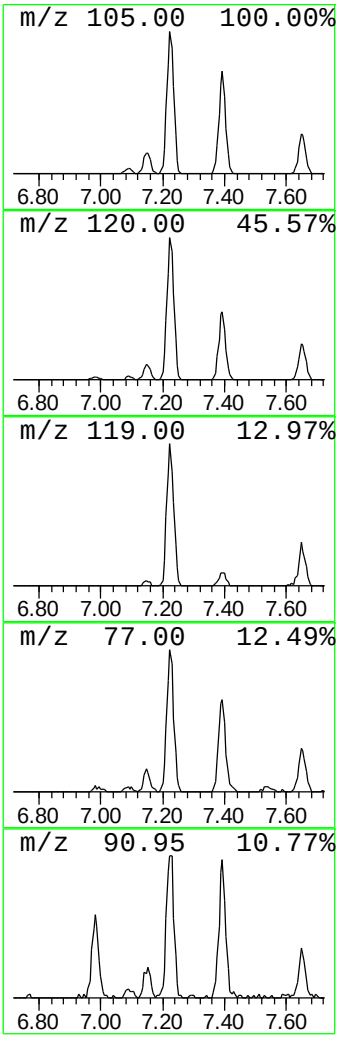
****

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	28.50 ng/ul	490570	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	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

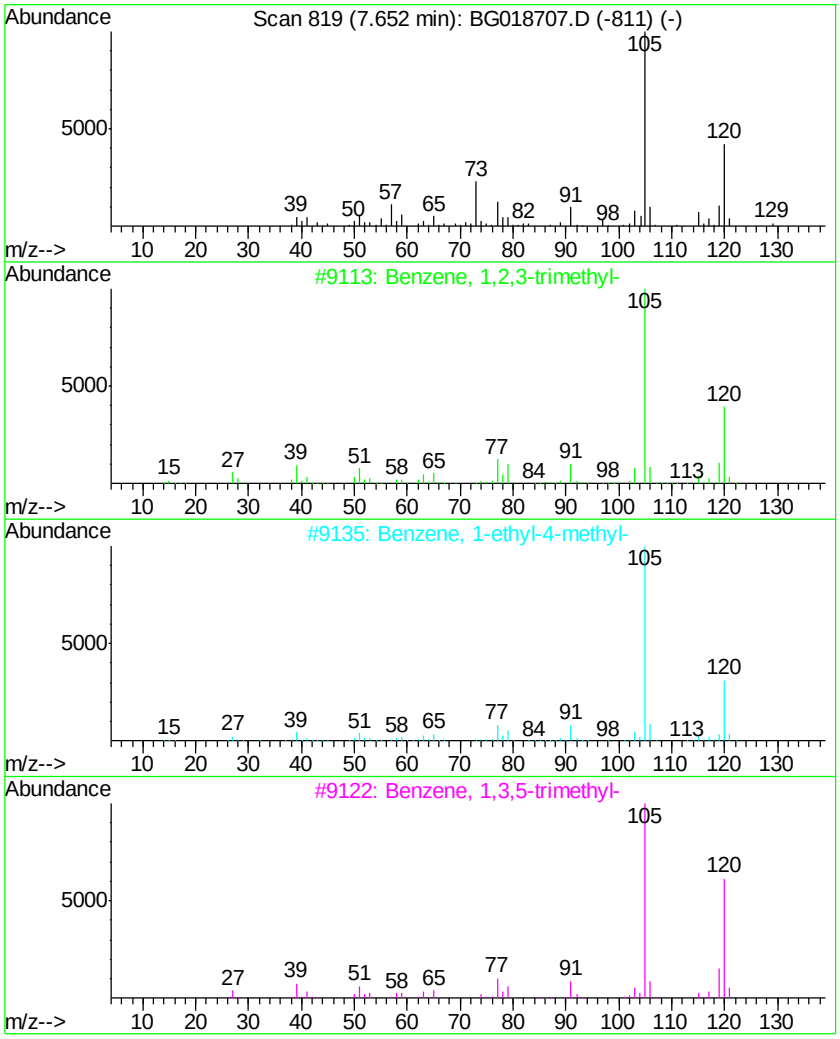
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

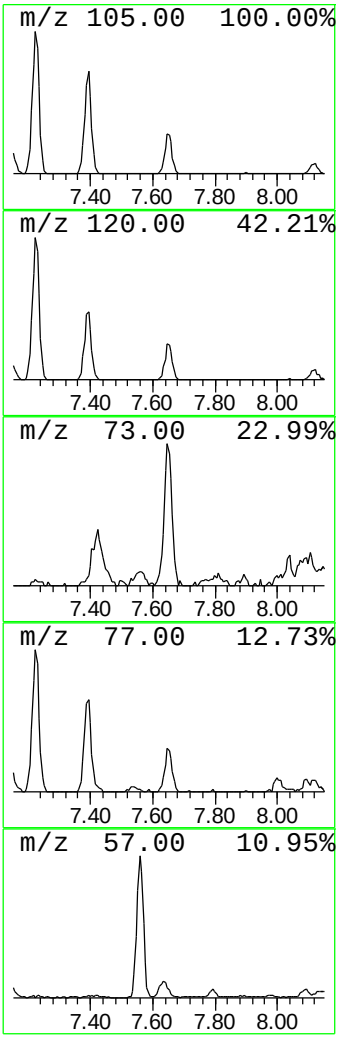
****

Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	12.55 ng/ul	216076	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-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

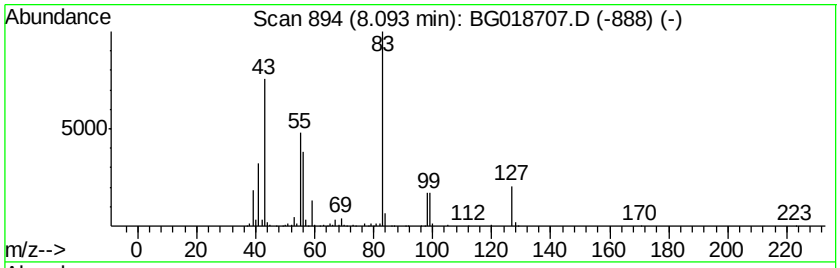
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

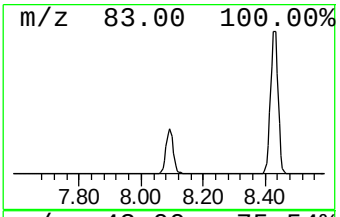
****

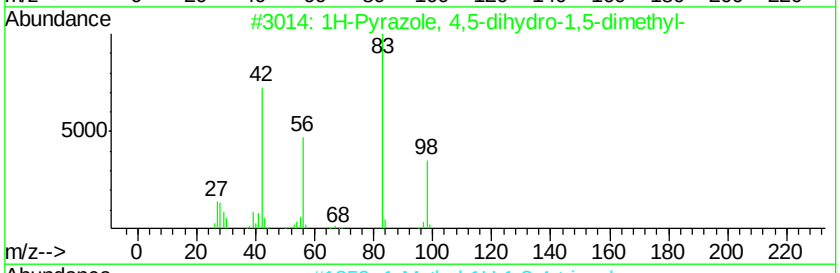
Peak Number 15 1H-Pyrazole, 4,5-dihydro-1,... Concentration Rank 4

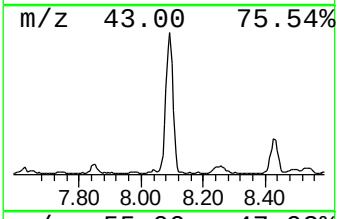
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	48.71 ng/ul	838617	1,4-Dichlorobenzene-d4	8.00

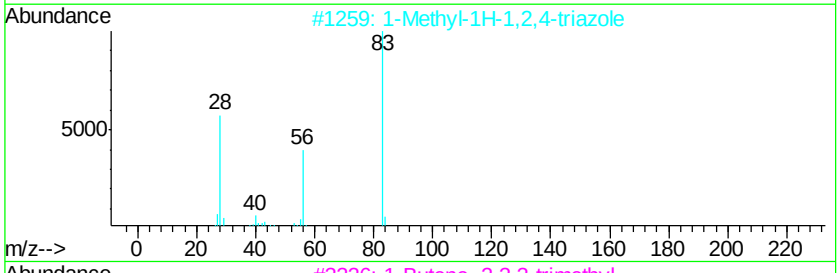
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	50
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	47
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	43
4	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	38
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	37

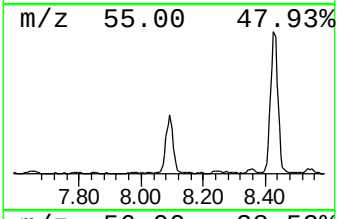


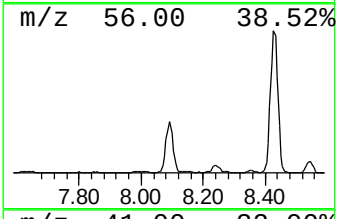


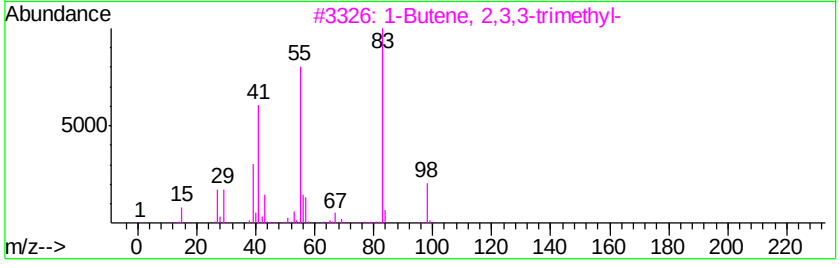


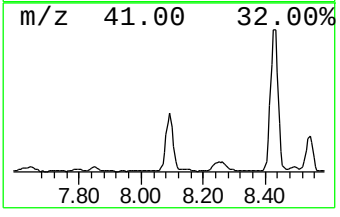












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

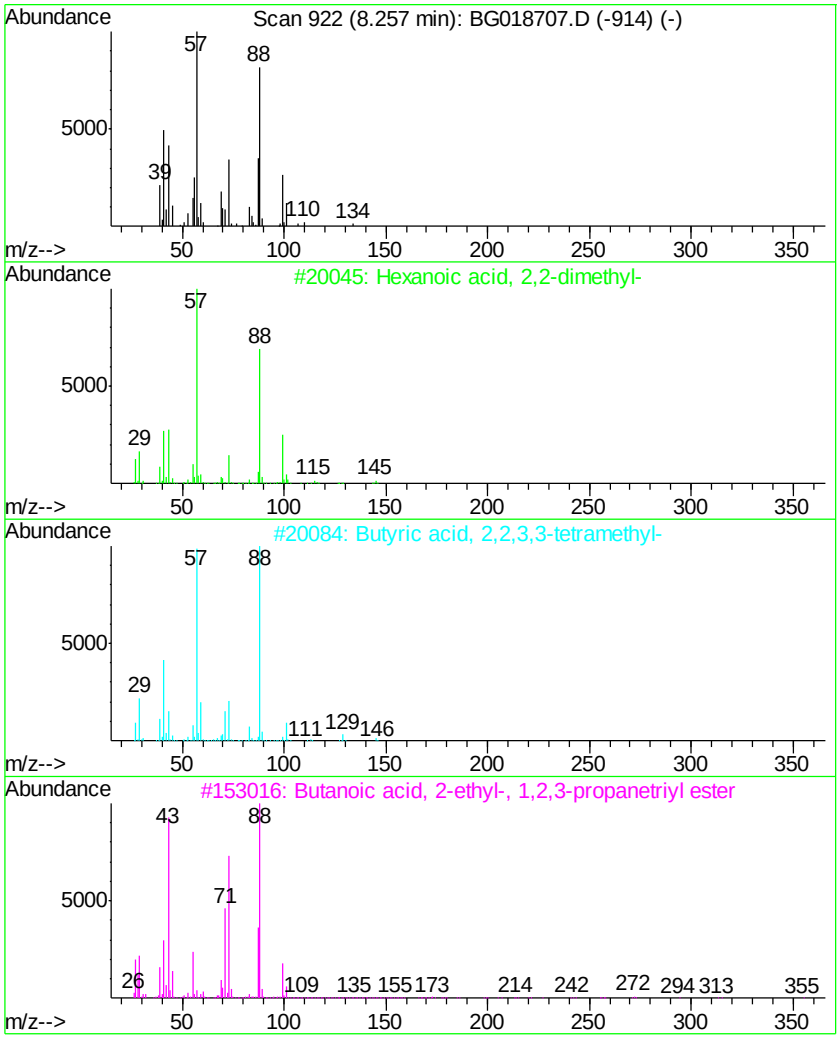
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

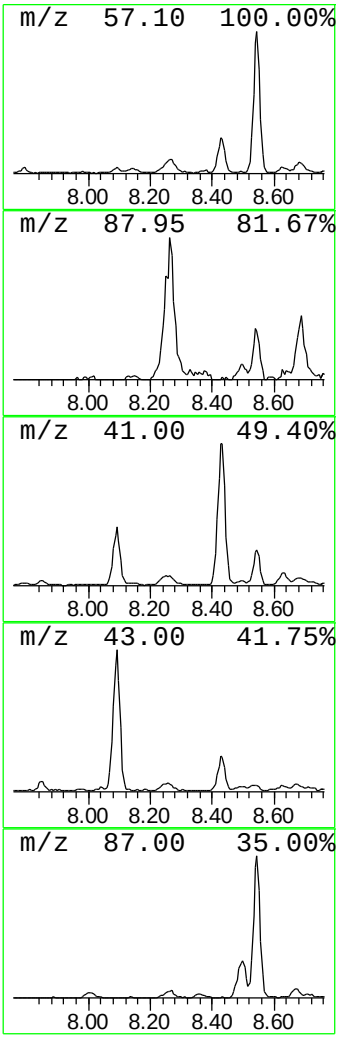
****

Peak Number 16 Hexanoic acid, 2,2-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	9.66 ng/ul	166364	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	59
2	Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	50
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	40
5	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

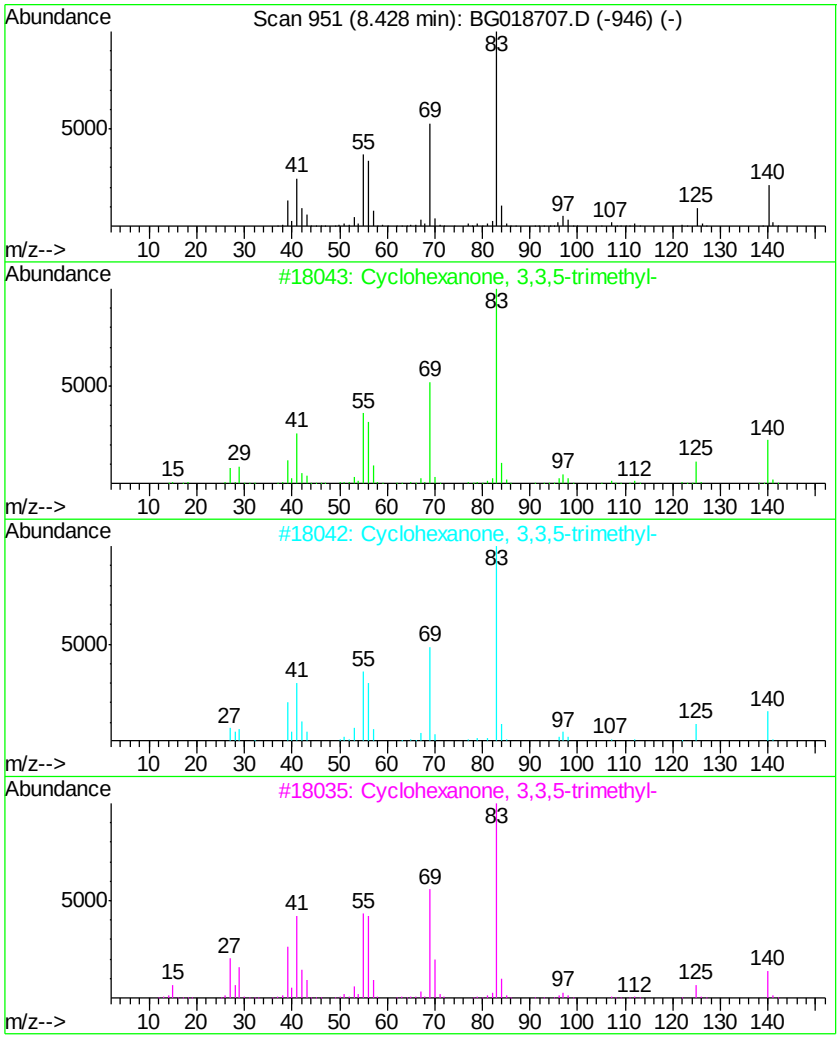
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

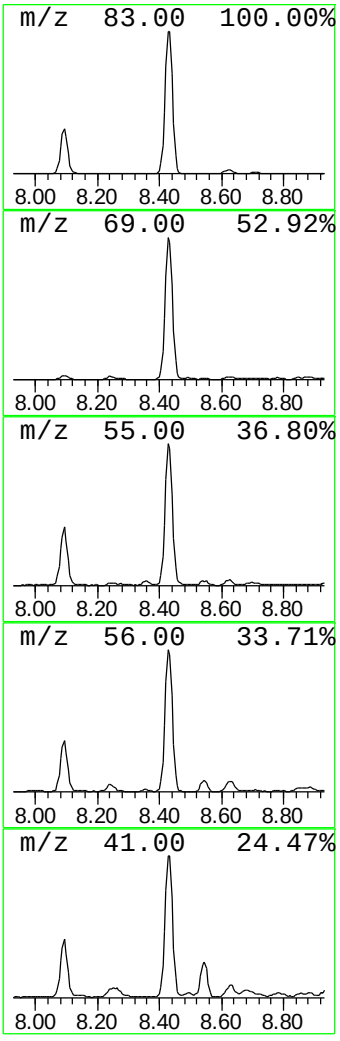
****

Peak Number 18 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	125.81 ng/ul	2165910	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	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

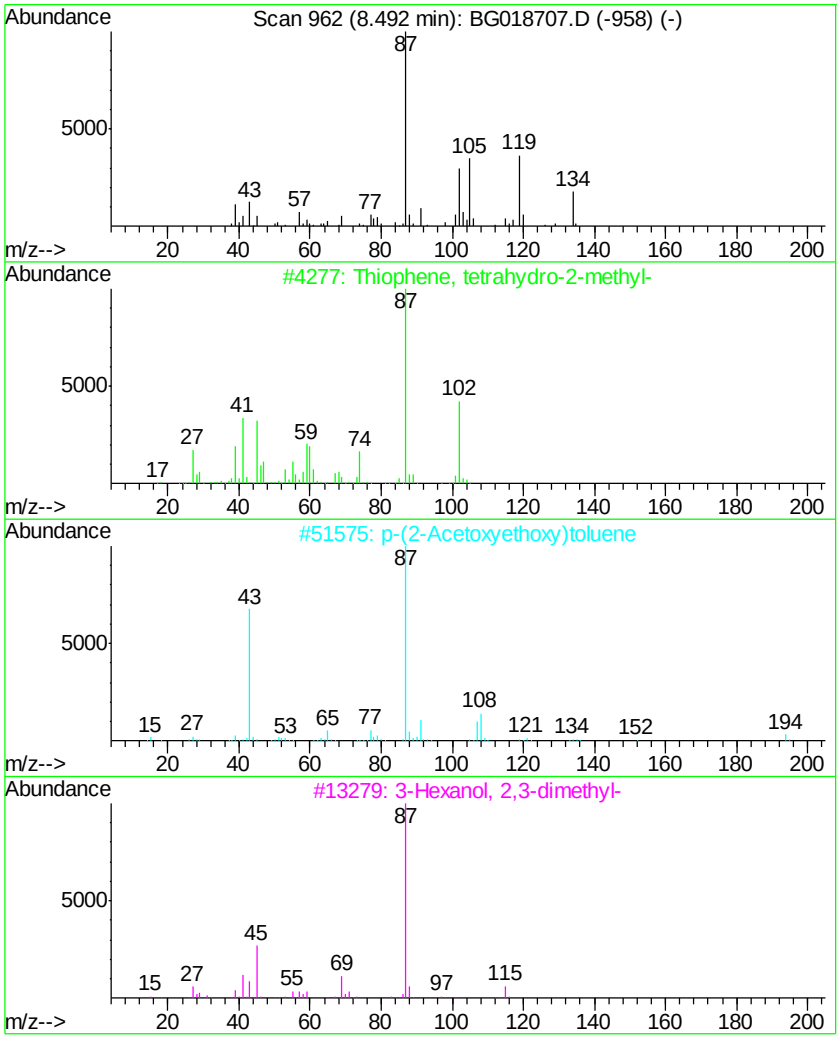
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

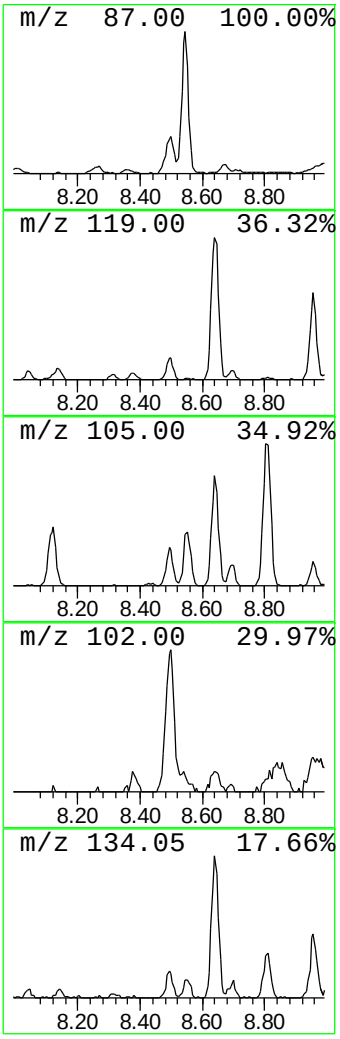
****

Peak Number 19 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	5.49 ng/ul	94565	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	28
2	p-(2-Acetoxyethoxy)toluene	194	C11H14O3	006807-11-0	25
3	3-Hexanol, 2,3-dimethyl-	130	C8H18O	004166-46-5	17
4	Acetic acid, 2-(7-methylenebicyc...	236	C14H20O3	1000274-05-5	17
5	Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

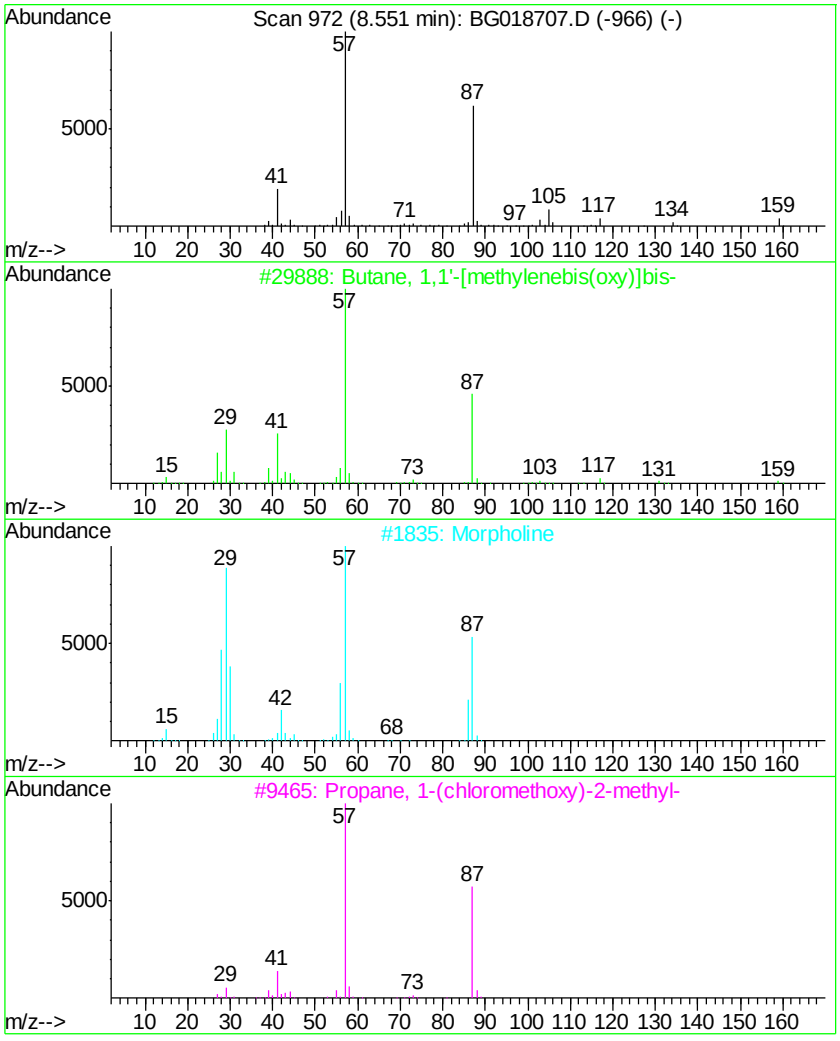
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

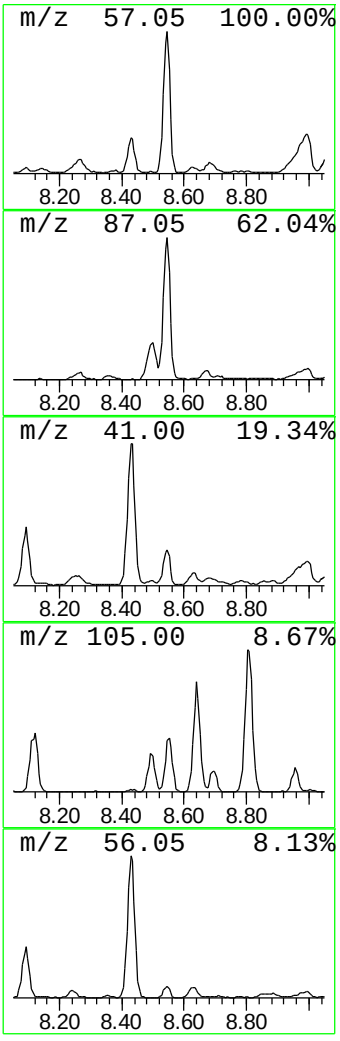
****

Peak Number 20 Butane, 1,1'-[methylenebis(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	25.87 ng/ul	445408	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	Morpholine	87	C4H9NO	000110-91-8	42
3	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	42
4	Propane, 1,1'-[methylenebis(oxy)...	160	C9H20O2	002568-91-4	38
5	Thiepane	116	C6H12S	004753-80-4	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

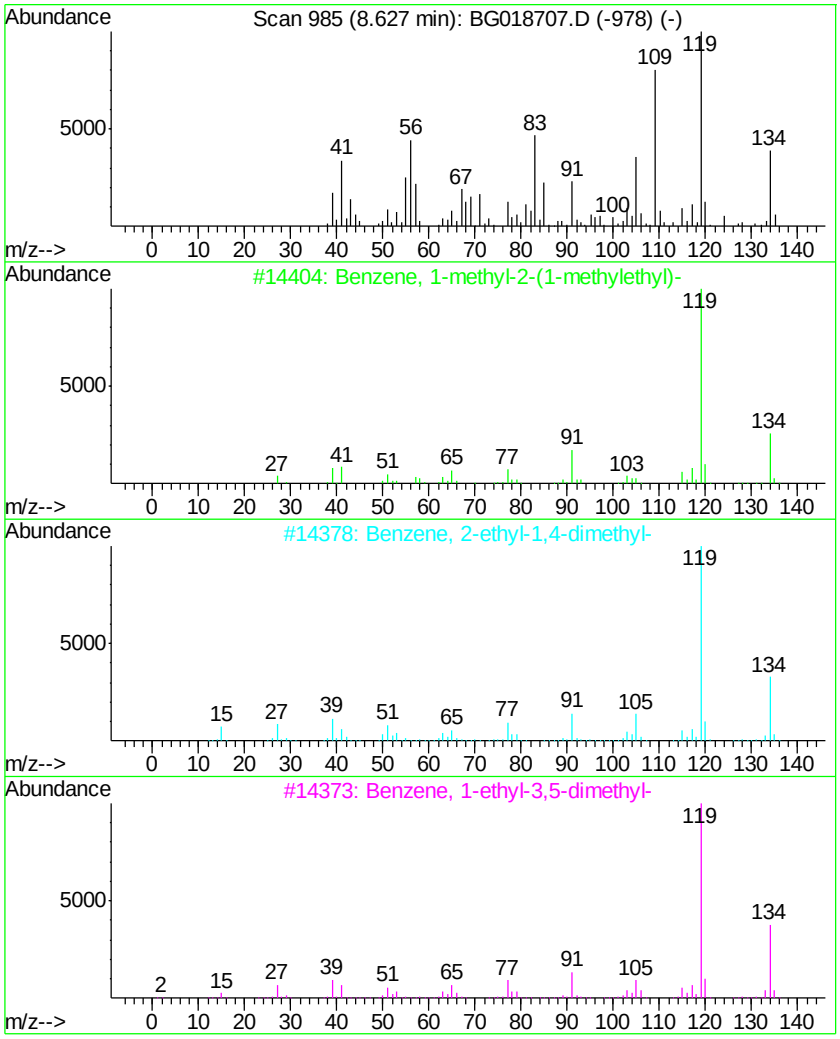
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

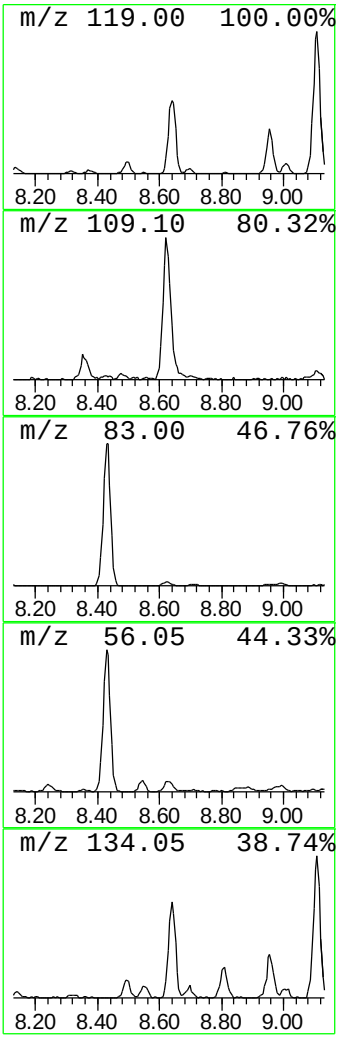
****

Peak Number 21 Benzene, 1-methyl-2-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	22.91 ng/ul	394420	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	92
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

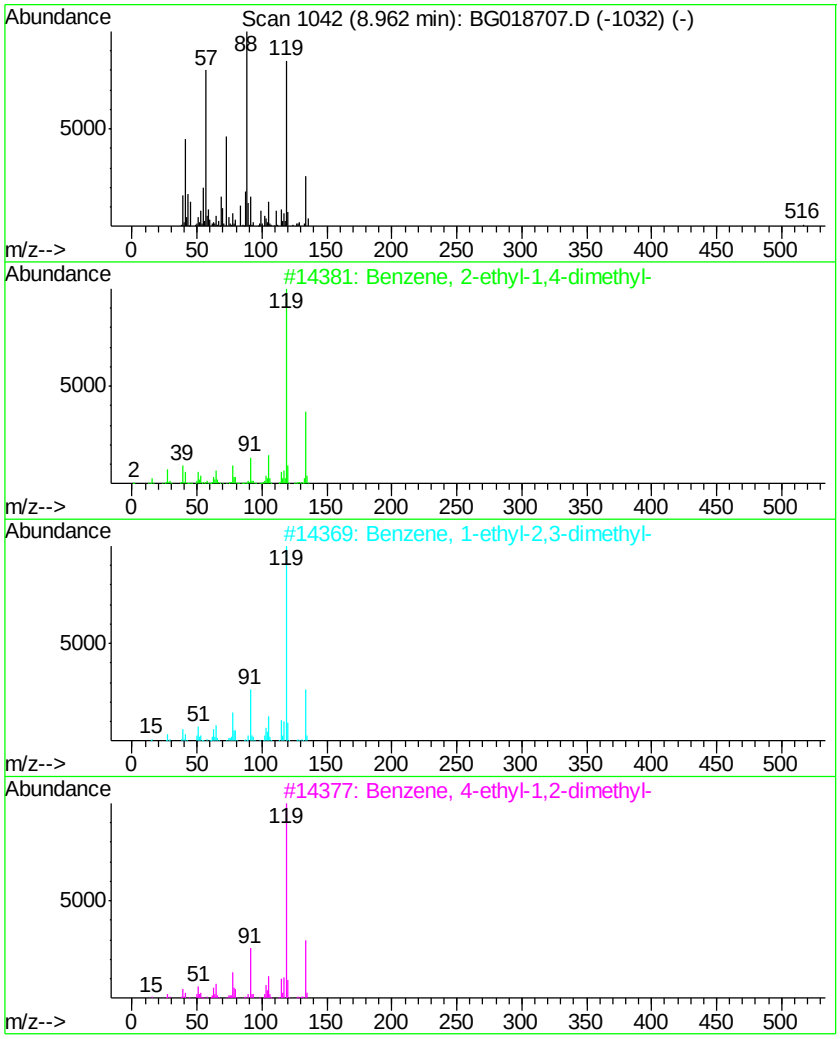
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

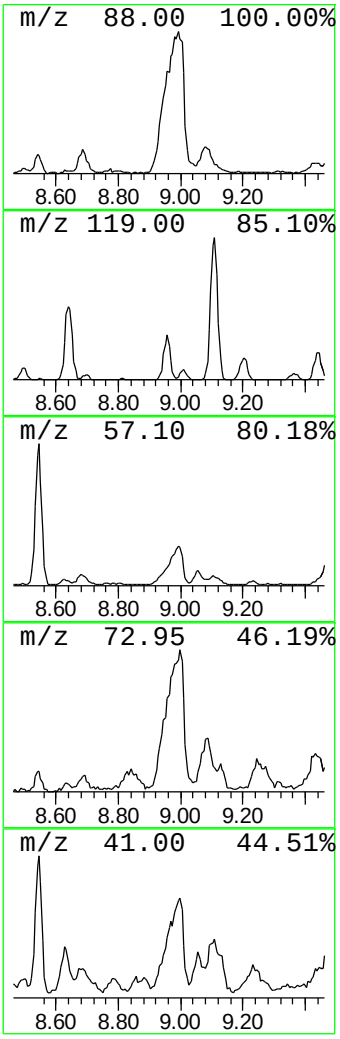
****

Peak Number 22 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	19.94 ng/ul	343207	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	70
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	55





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

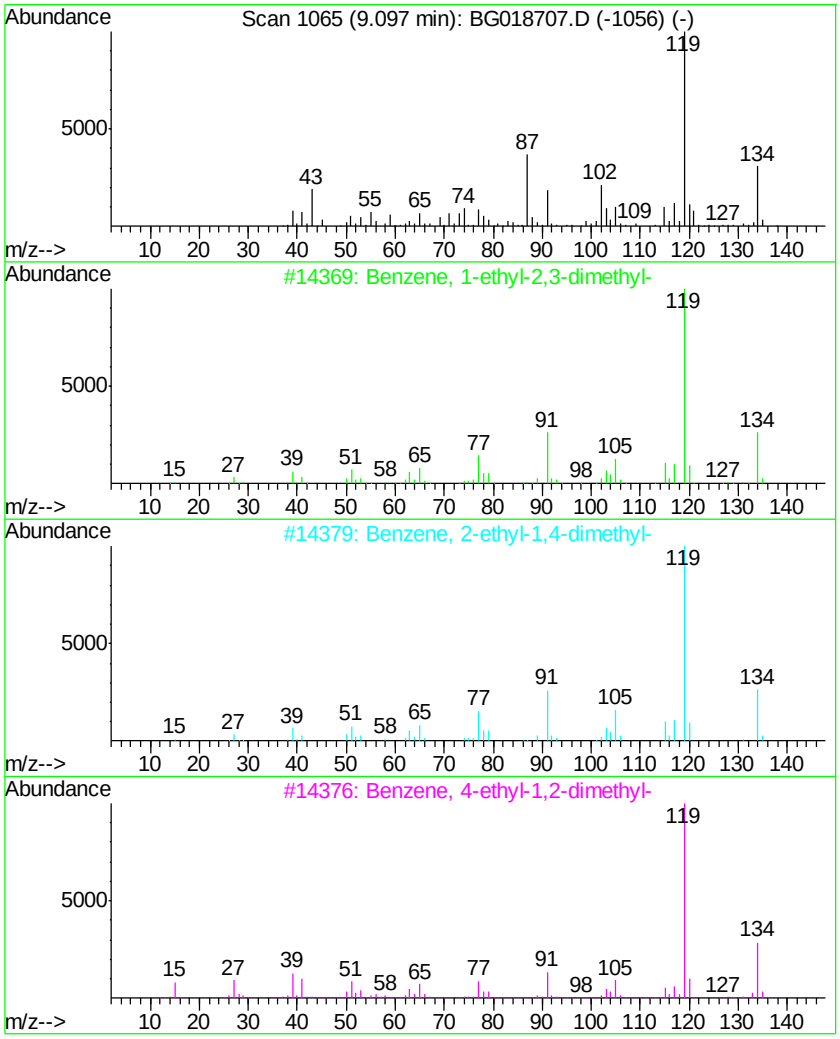
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

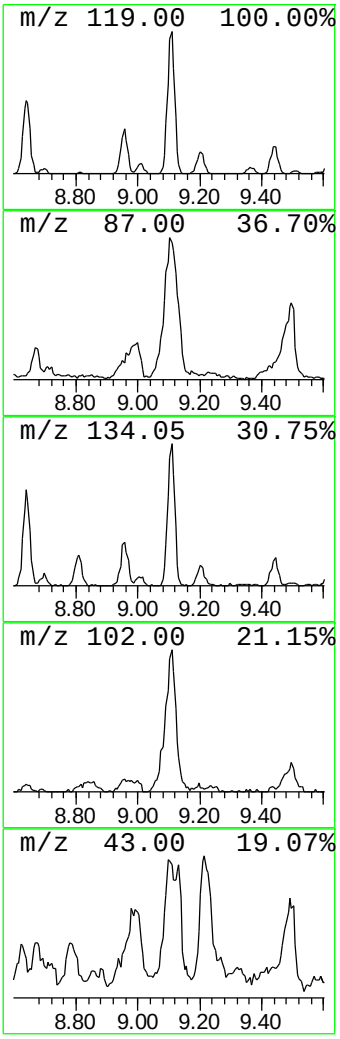
****

Peak Number 23 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	36.33 ng/ul	625372	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

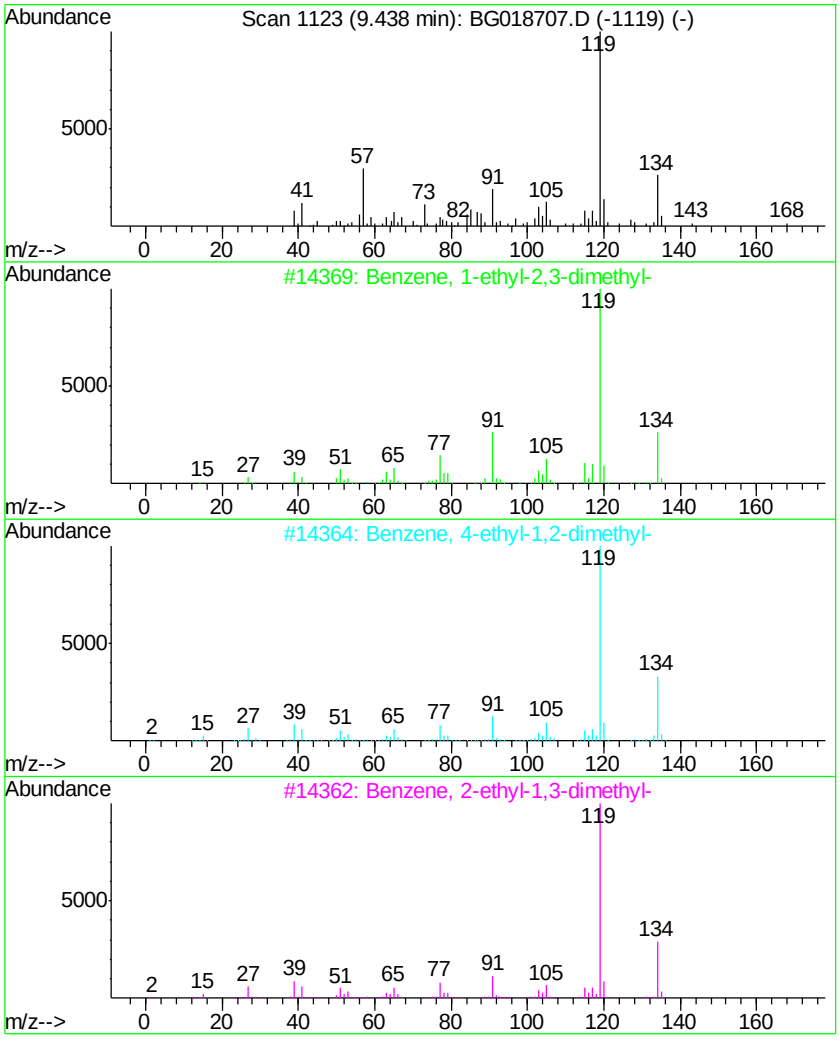
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

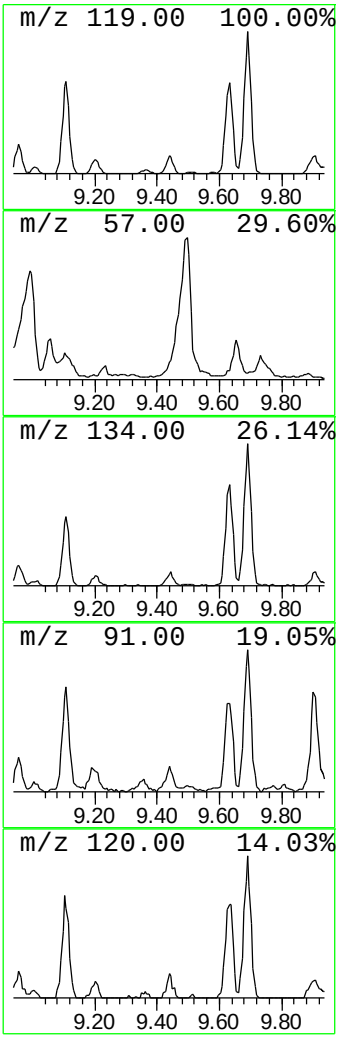
****

Peak Number 24 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	3.47 ng/ul	79575	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

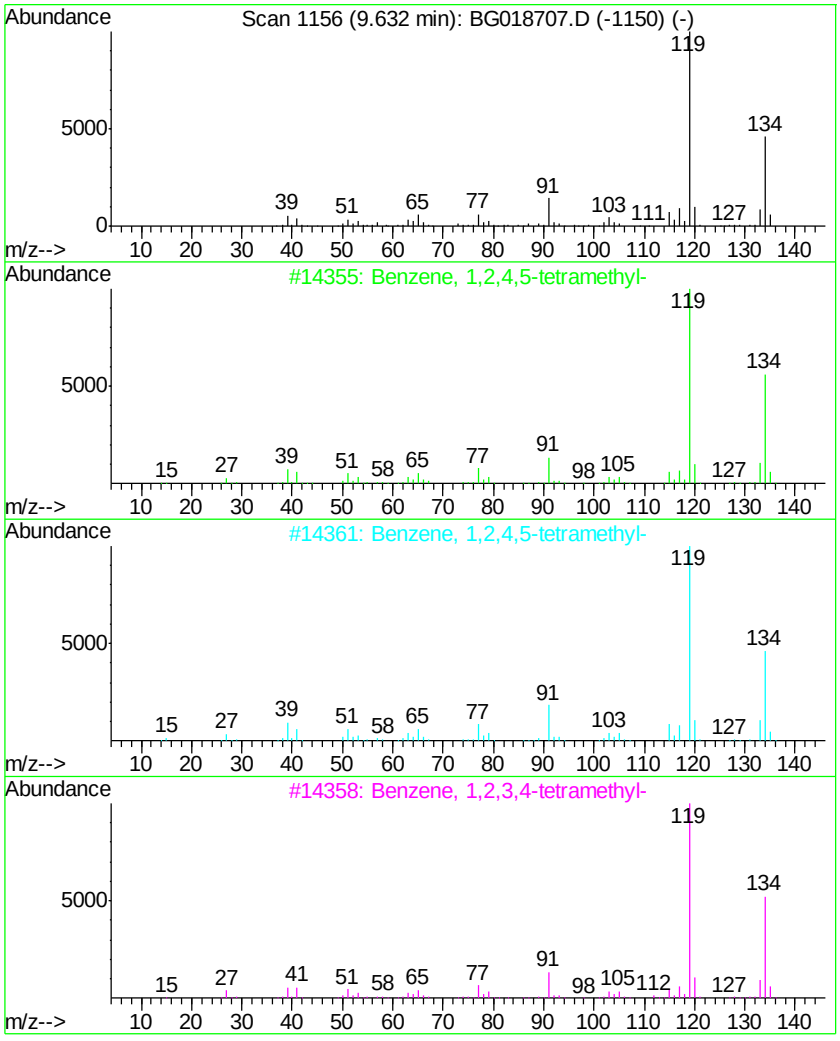
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

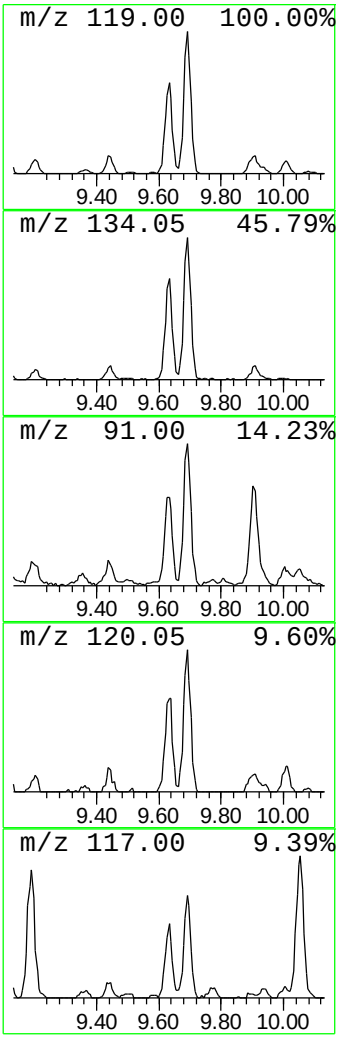
****

Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	16.24 ng/ul	371917	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

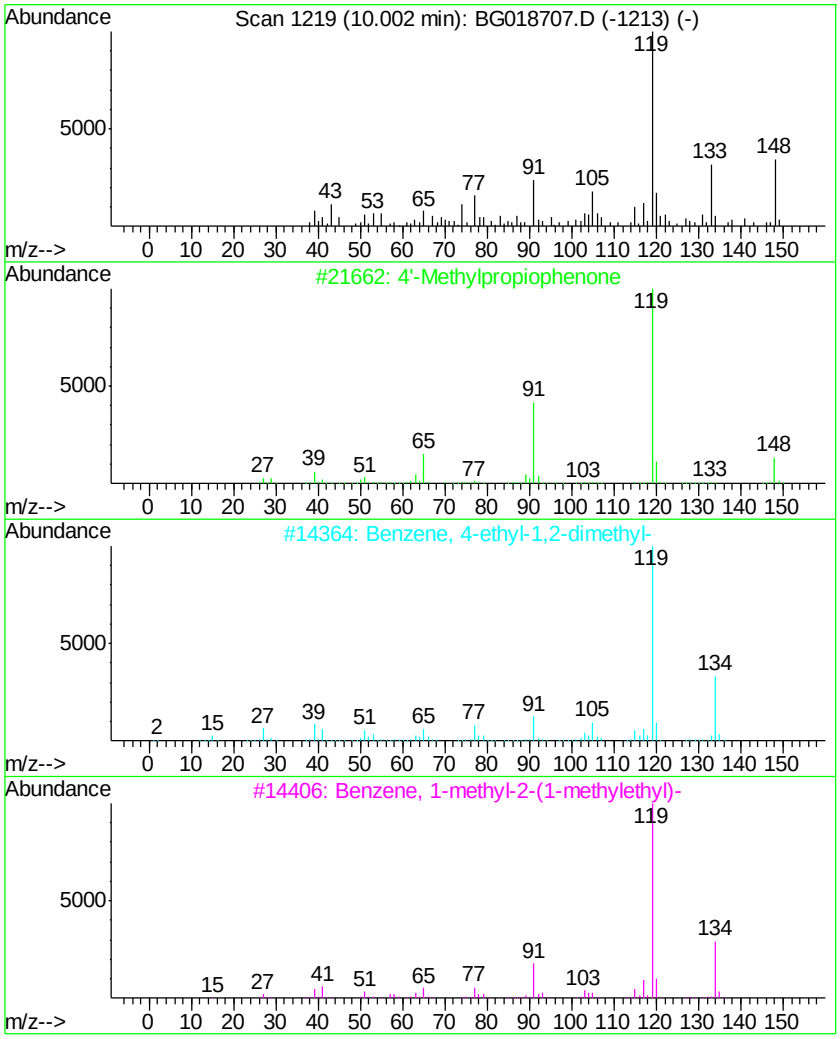
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

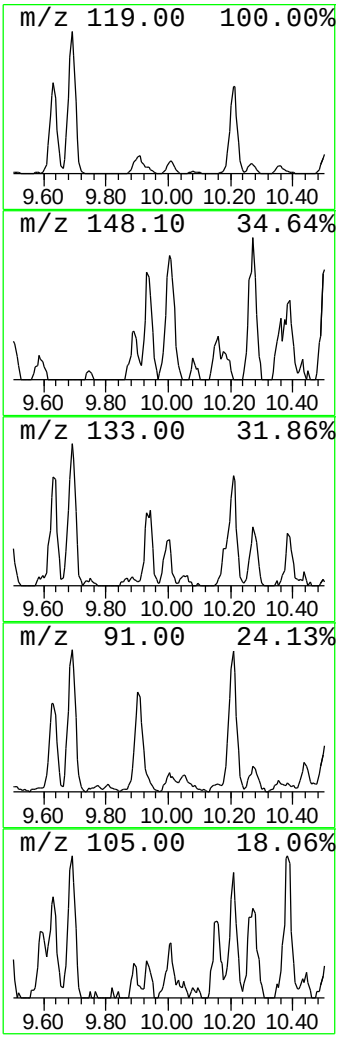
****

Peak Number 26 4'-Methylpropiophenone Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	4.18 ng/ul	95778	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Methylpropiophenone	148	C10H12O	005337-93-9	62
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

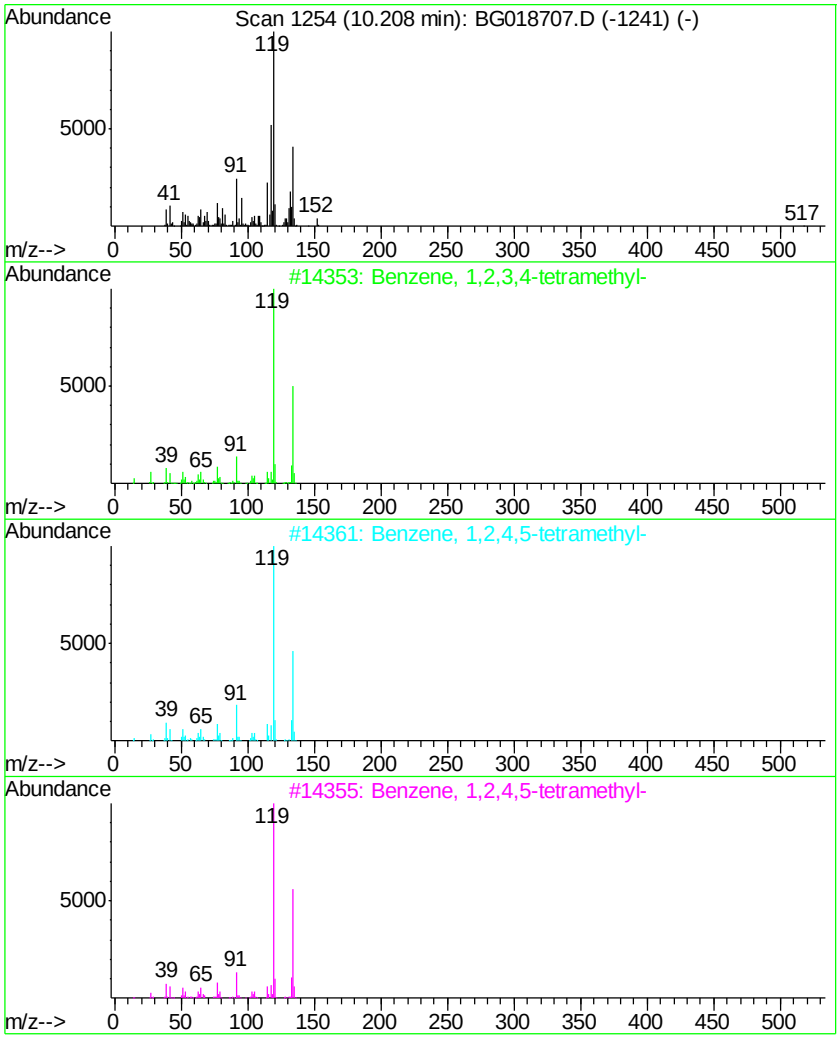
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

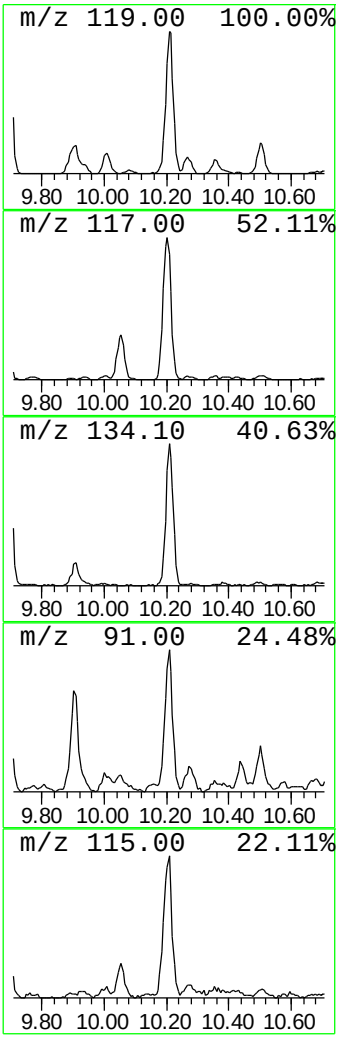
****

Peak Number 27 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	35.67 ng/ul	817142	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

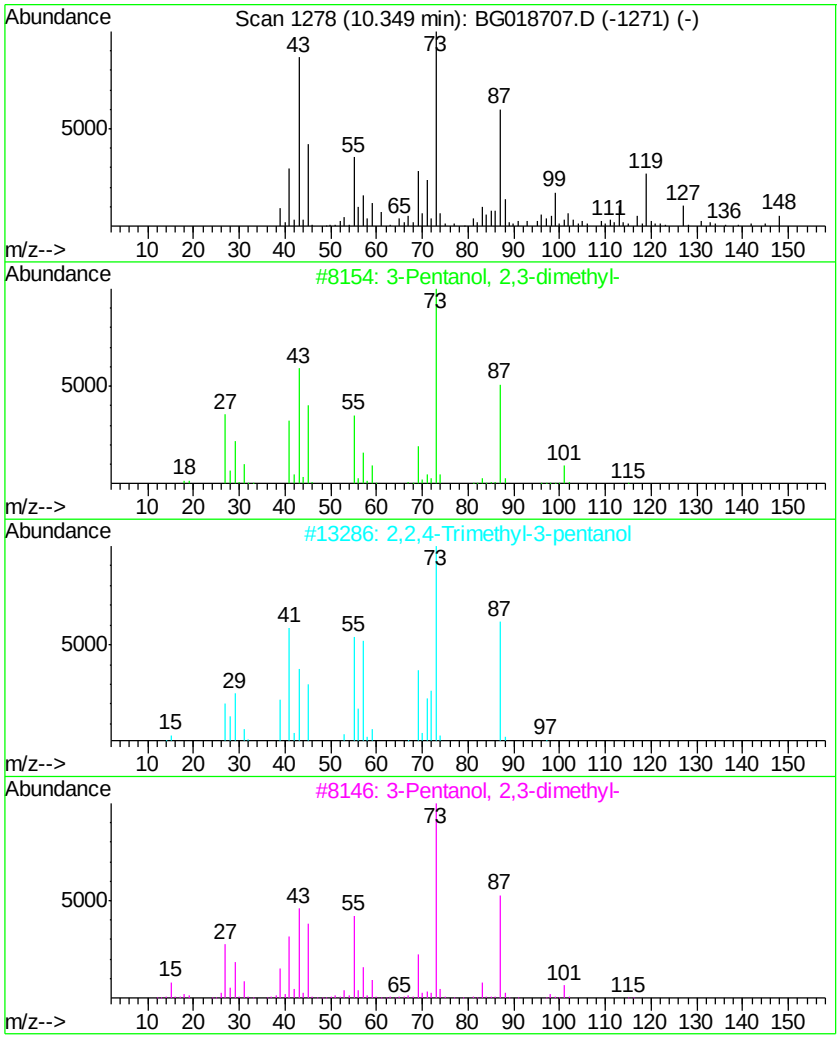
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

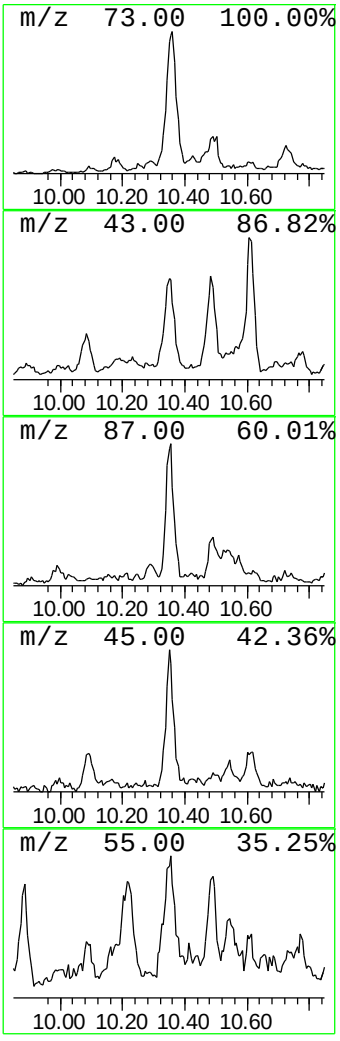
****

Peak Number 28 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	13.95 ng/ul	319540	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	43
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	38
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	38
5	3,4-Di-O-methyl-L-arabinopyranose	178	C7H14O5	086049-20-9	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

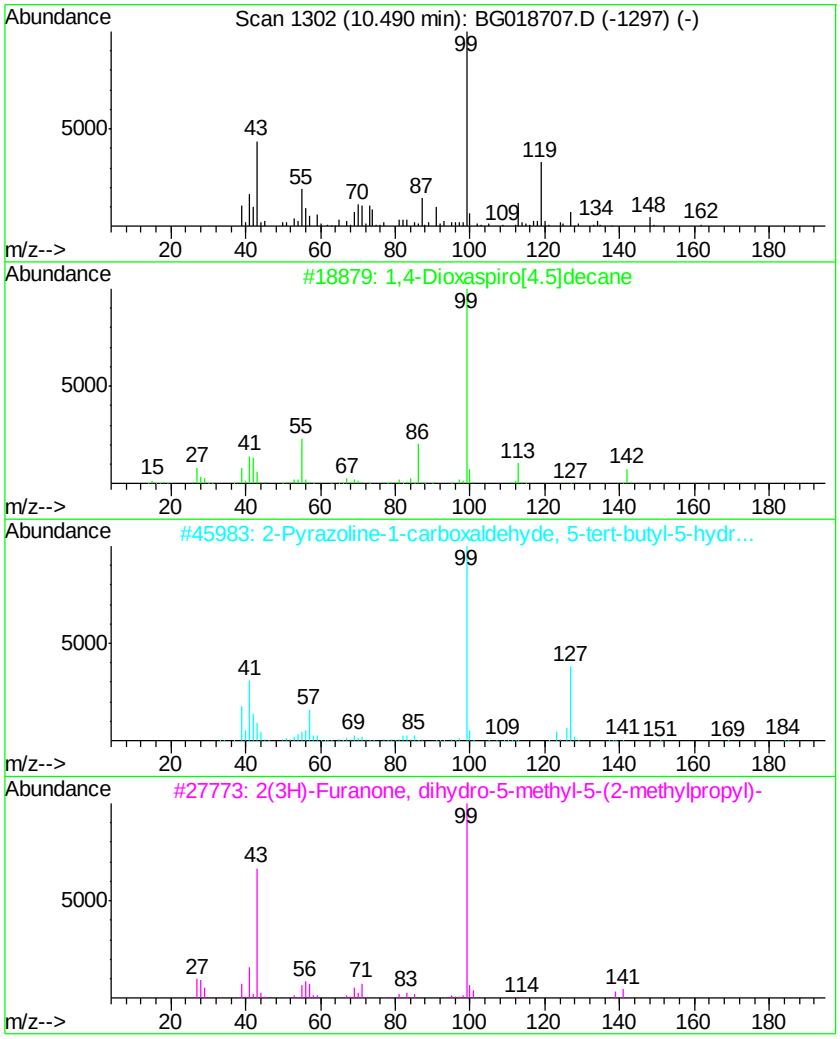
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

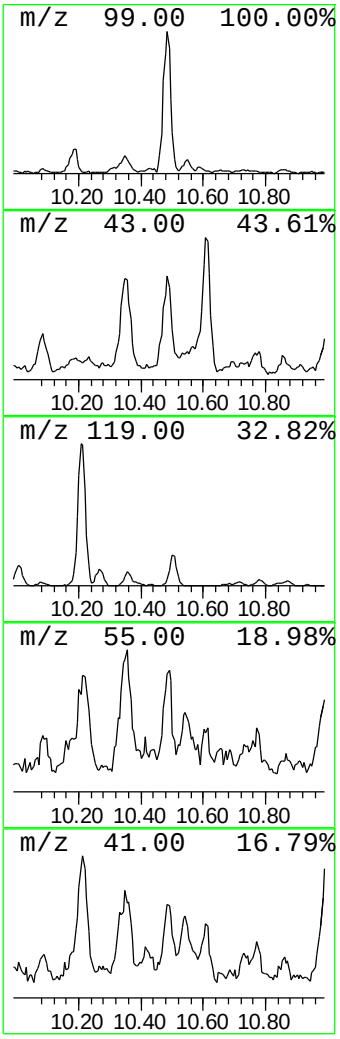
****

Peak Number 29 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	7.83 ng/ul	179268	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxaspiro[4.5]decane	142	C8H14O2	000177-10-6	47
2	2-Pyrazoline-1-carboxaldehyde, 5...	184	C9H16N2O2	103214-44-4	43
3	2(3H)-Furanone, dihydro-5-methyl...	156	C9H16O2	010200-21-2	38
4	1-Oxa-3-azaspiro[4.5]decan-2-one...	267	C15H25NO3	341941-91-1	38
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

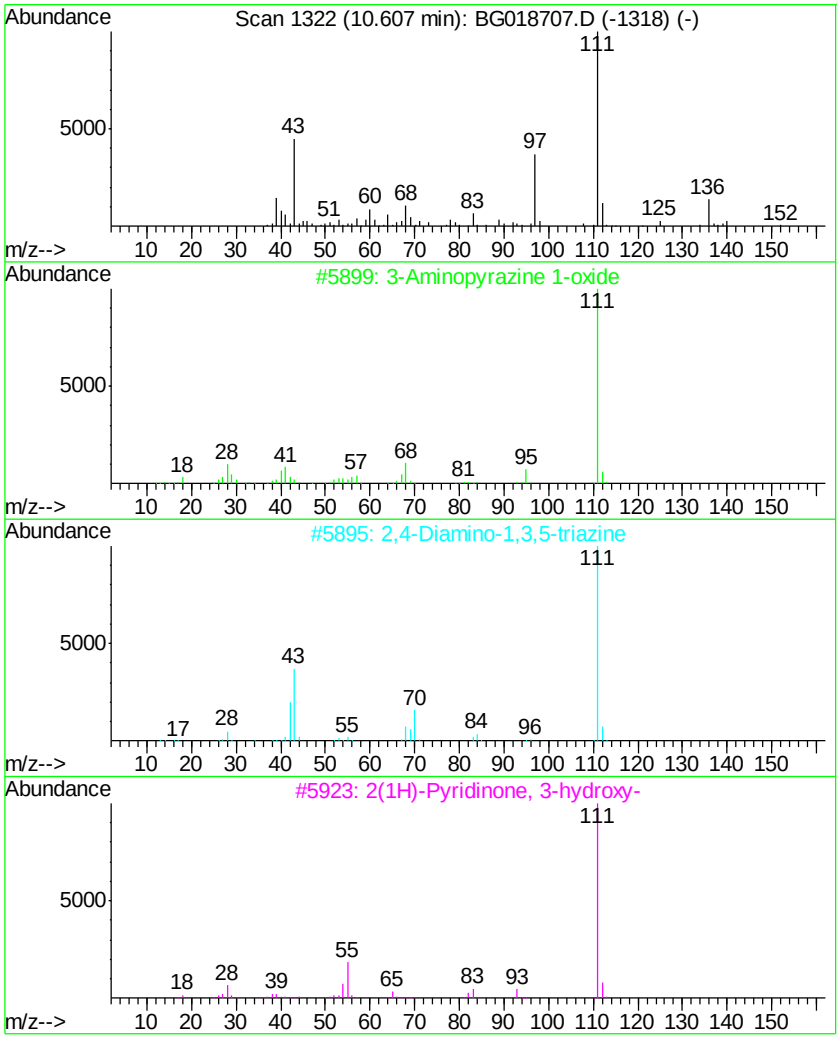
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

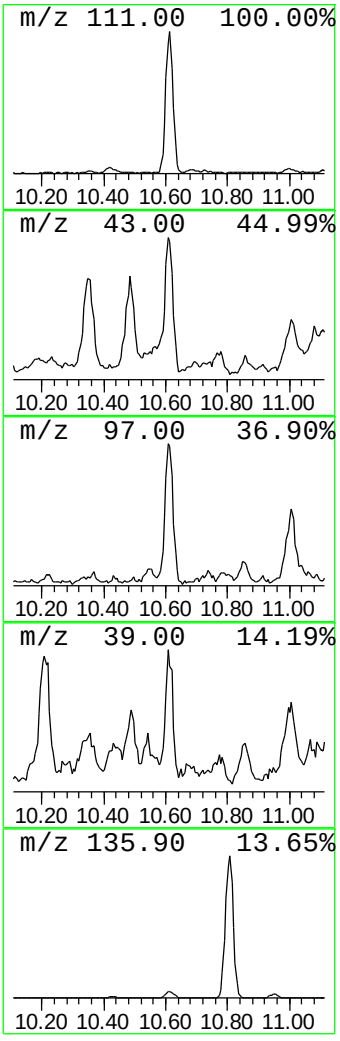
****

Peak Number 30 3-Aminopyrazine 1-oxide Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	12.15 ng/ul	278231	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Aminopyrazine 1-oxide	111	C4H5N3O	006863-77-0	50
2	2,4-Diamino-1,3,5-triazine	111	C3H5N5	000504-08-5	50
3	2(1H)-Pyridinone, 3-hydroxy-	111	C5H5NO2	016867-04-2	37
4	Benzenamine, 2-fluoro-	111	C6H6FN	000348-54-9	9
5	4-Hydroxypyridine 1-oxide	111	C5H5NO2	006890-62-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

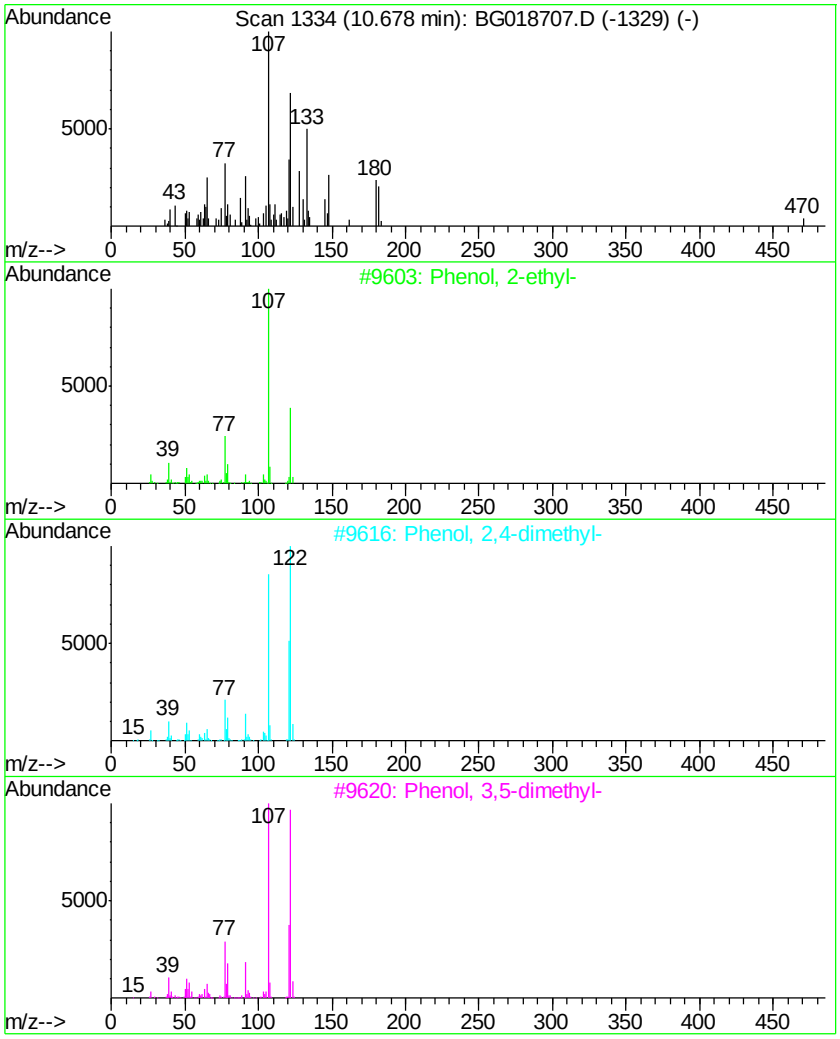
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

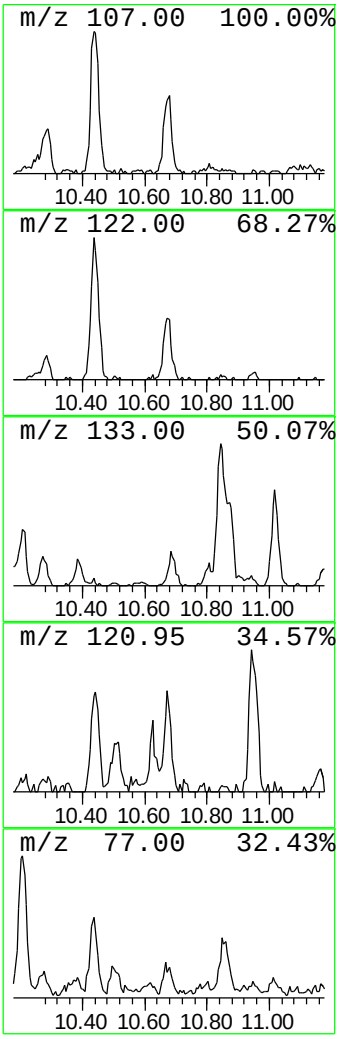
****

Peak Number 31 unknown-04 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.94 ng/ul	67361	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	46
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	46
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	46
4	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	46
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	41





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

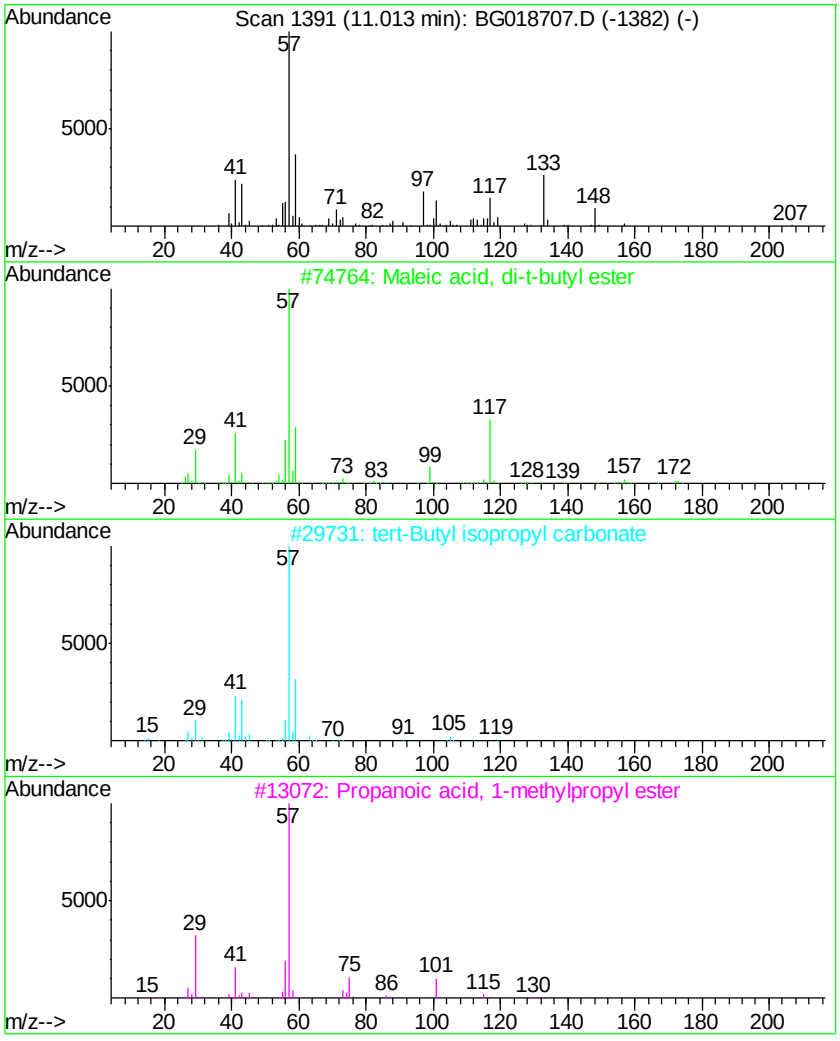
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

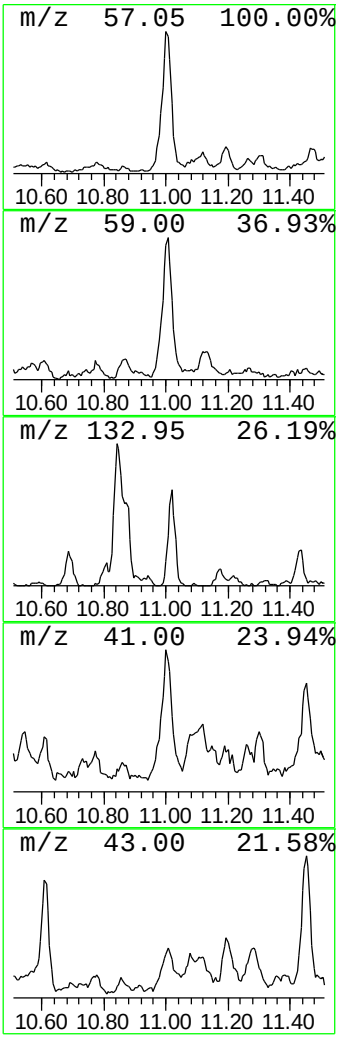
****

Peak Number 32 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	15.03 ng/ul	344261	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	tert-Butyl isopropyl carbonate	160	C8H16O3	030221-21-7	27
3	Propanoic acid, 1-methylpropyl e...	130	C7H14O2	000591-34-4	22
4	Sulfurous acid, bis(2-methylprop...	194	C8H18O3S	018748-27-1	17
5	di-tert-Butyl 1,3-acetonedicarbo...	258	C13H22O5	028009-80-5	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

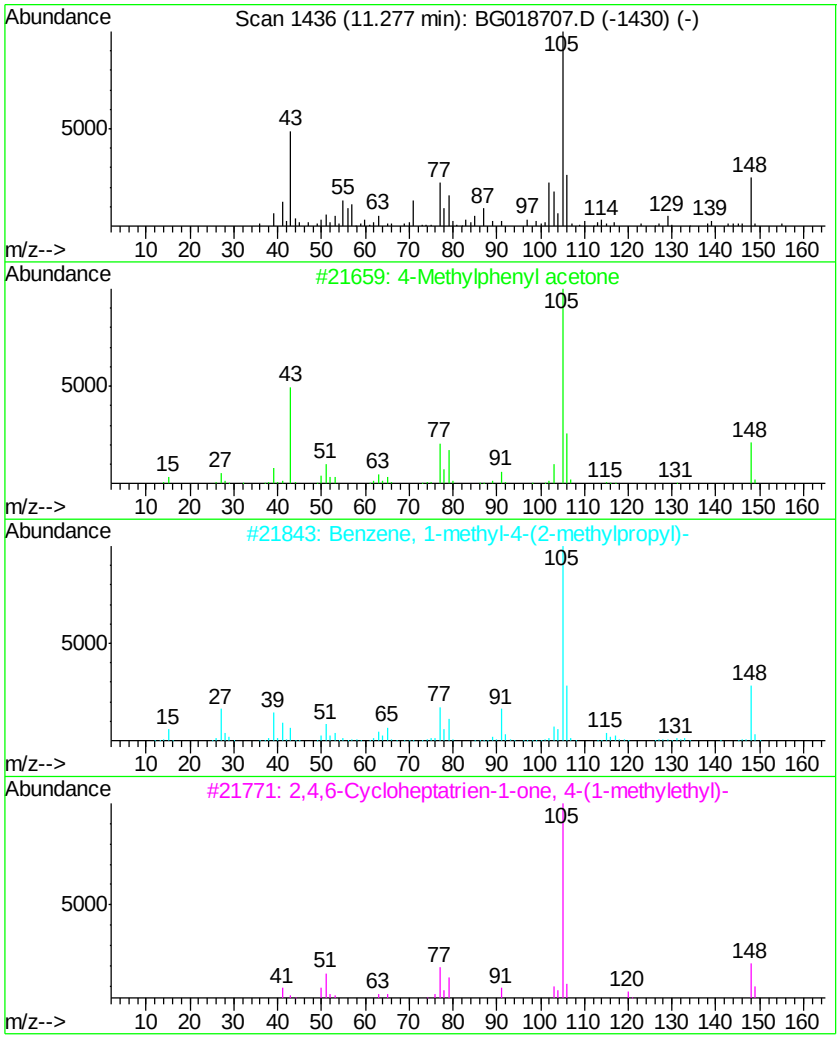
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

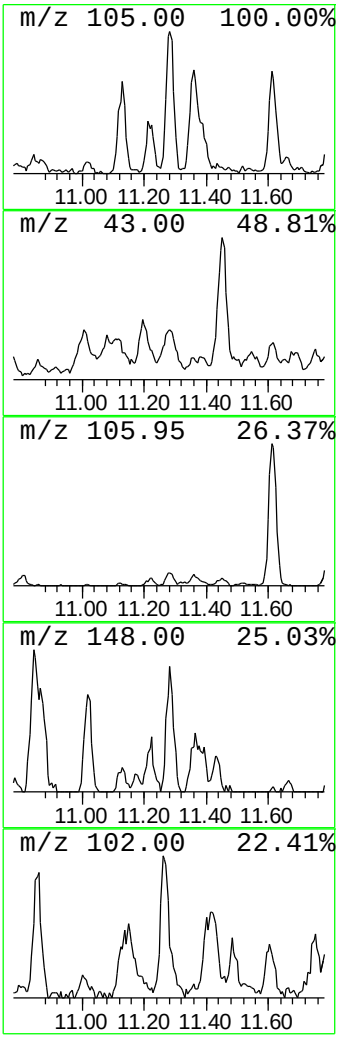
****

Peak Number 33 4-Methylphenyl acetone Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	4.27 ng/ul	97823	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	58
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	49
3	2,4,6-Cycloheptatrien-1-one, 4-(...	148	C10H12O	013656-81-0	47
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	43
5	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

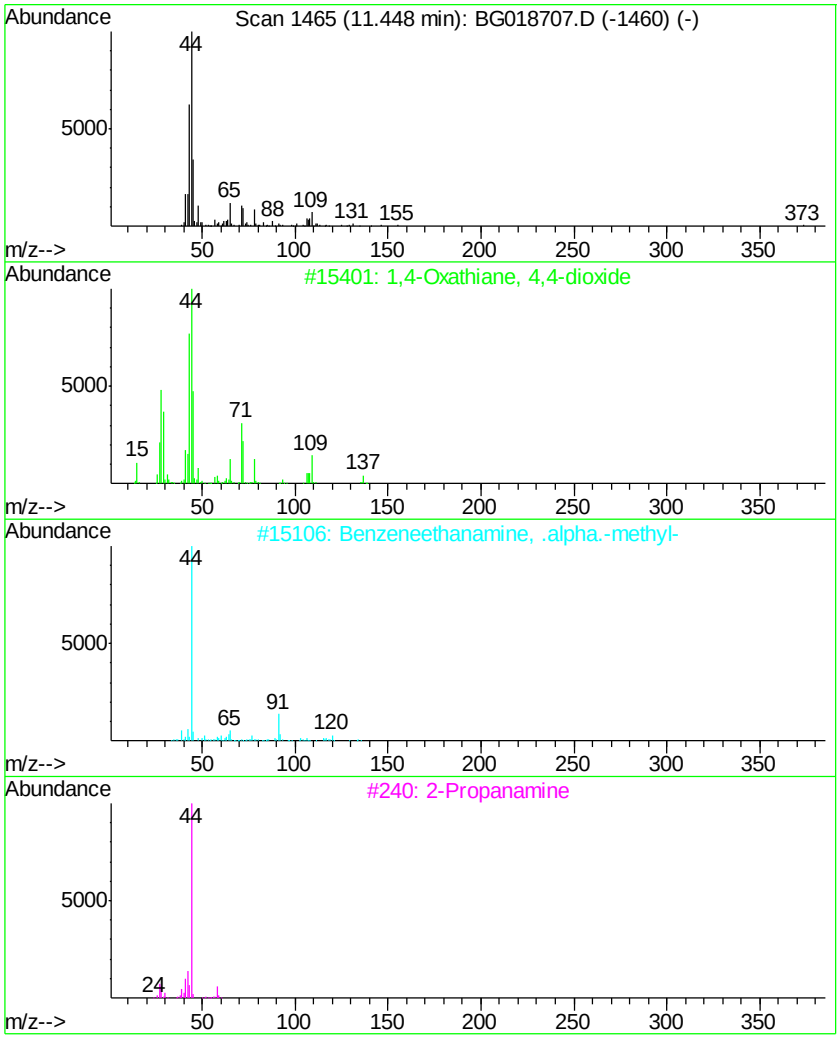
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

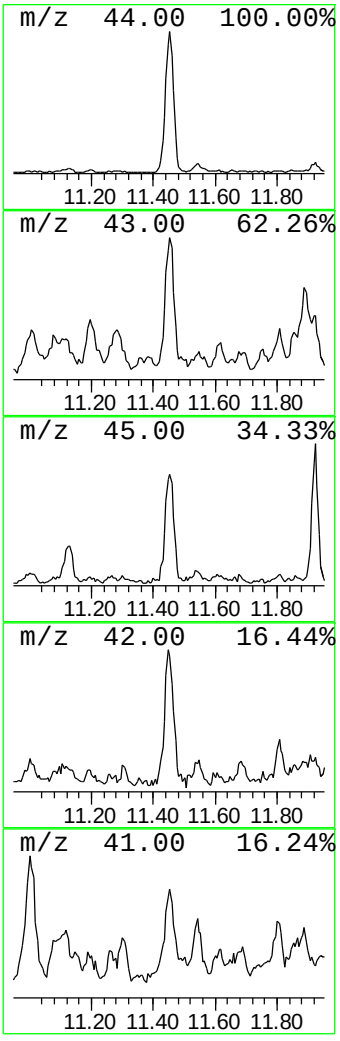
****

Peak Number 34 unknown-06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	13.84 ng/ul	317004	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Oxathiane, 4,4-dioxide	136	C4H8O3S	000107-61-9	42
2	Benzeneethanamine, .alpha.-methyl-	135	C9H13N	000060-15-1	38
3	2-Propanamine	59	C3H9N	000075-31-0	37
4	Glutaraldehyde	100	C5H8O2	000111-30-8	37
5	2-Heptanamine, 5-methyl-	129	C8H19N	053907-81-6	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

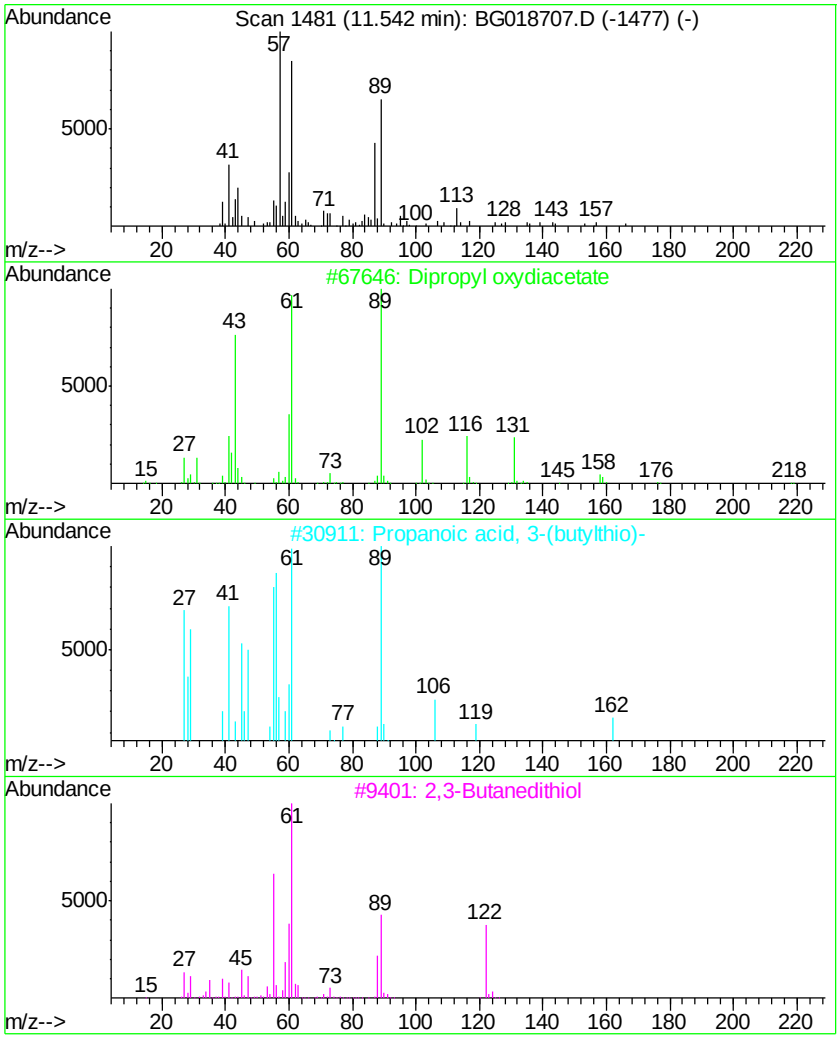
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

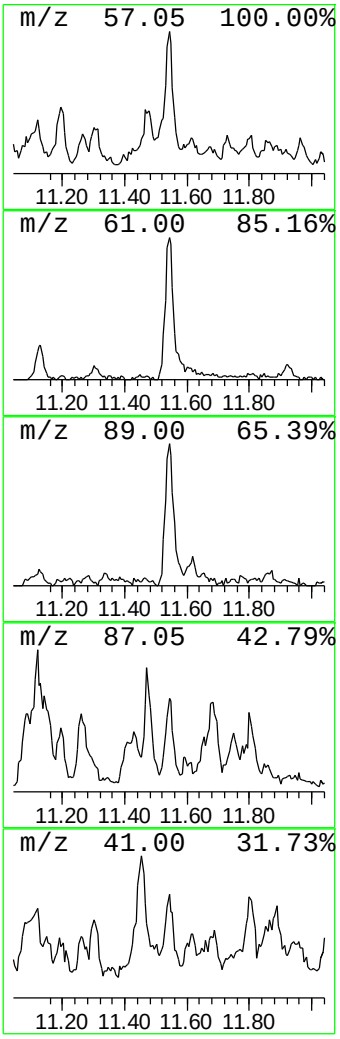
****

Peak Number 35 unknown-07 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	6.28 ng/ul	143800	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipropyl oxydiacetate	218	C10H18O5	085668-79-7	43
2	Propanoic acid, 3-(butylthio)-	162	C7H14O2S	022002-73-9	38
3	2,3-Butanedithiol	122	C4H10S2	004532-64-3	38
4	Borane, chlorodipropyl-	132	C6H14BCl	022086-53-9	37
5	Propylamine, N,N,2,2-tetramethyl...	131	C7H17NO	013993-87-8	32





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

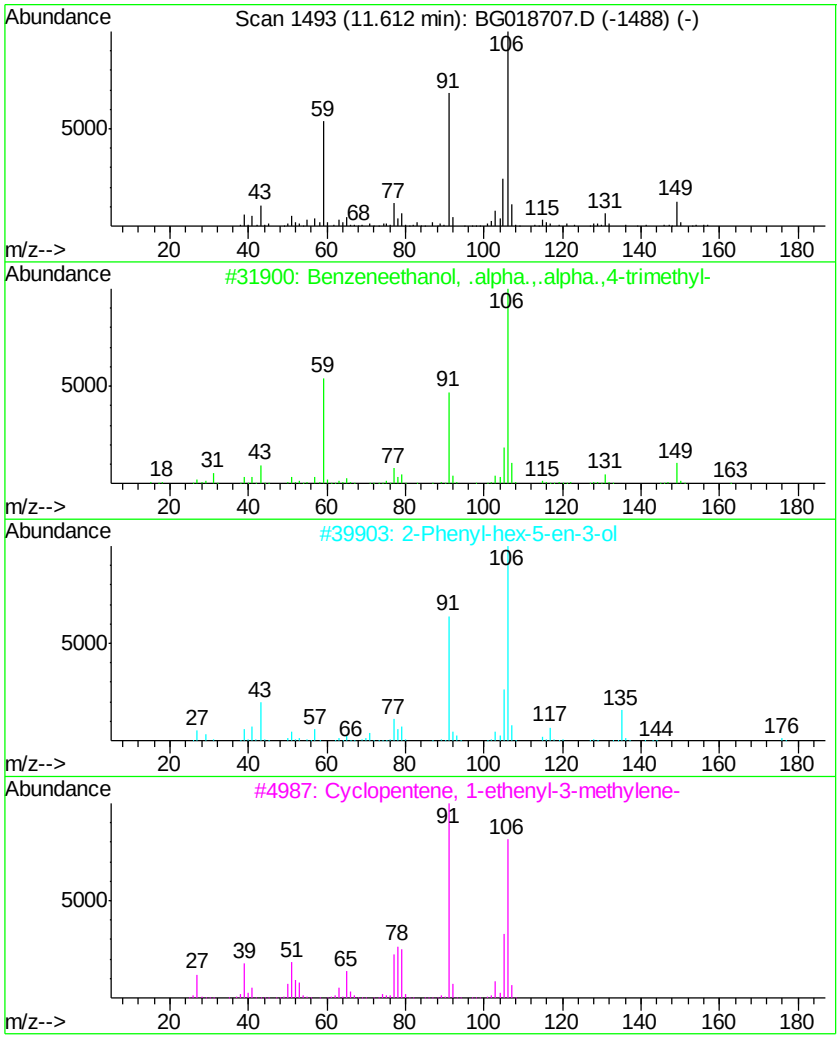
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

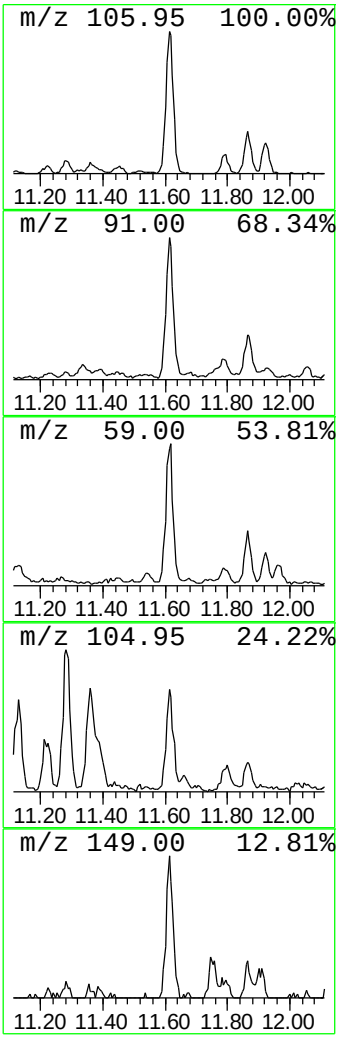
****

Peak Number 36 Benzeneethanol, .alpha.,.al... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	14.10 ng/ul	323069	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .alpha.,.alpha.,...	164	C11H16O	020834-59-7	91
2	2-Phenyl-hex-5-en-3-ol	176	C12H16O	077383-06-3	53
3	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	47
4	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	47
5	2-Phenyl-hex-5-en-3-ol	176	C12H16O	077383-06-3	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

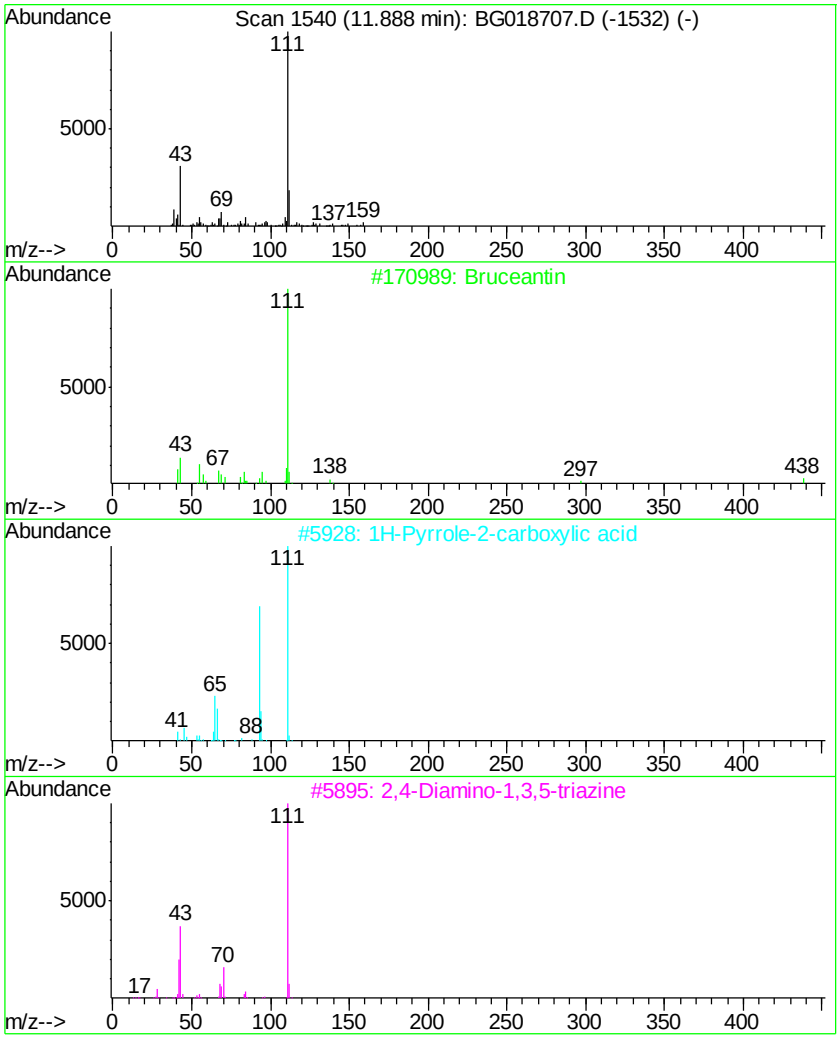
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

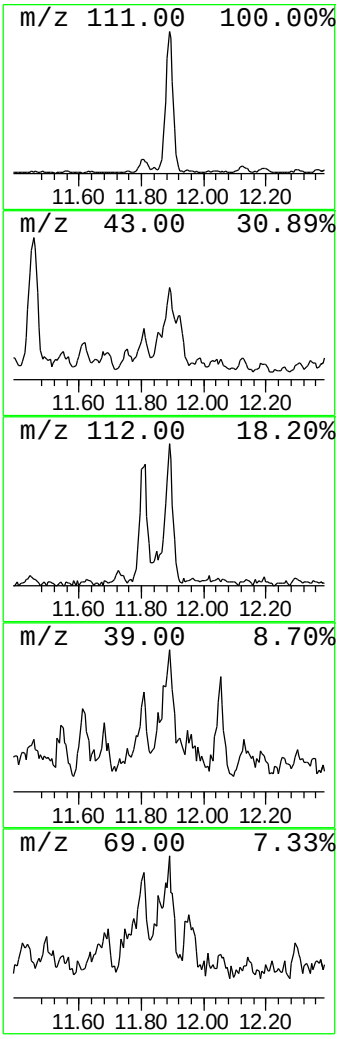
****

Peak Number 37 unknown-08 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	12.05 ng/ul	275913	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bruceantin	548	C28H36O11	041451-75-6	40
2	1H-Pyrrole-2-carboxylic acid	111	C5H5NO2	000634-97-9	36
3	2,4-Diamino-1,3,5-triazine	111	C3H5N5	000504-08-5	9
4	2(1H)-Pyridinone, 3-hydroxy-	111	C5H5NO2	016867-04-2	9
5	3-[N-Aziridyl]butyraldehyde hydr...	127	C6H13N3	1000257-03-1	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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

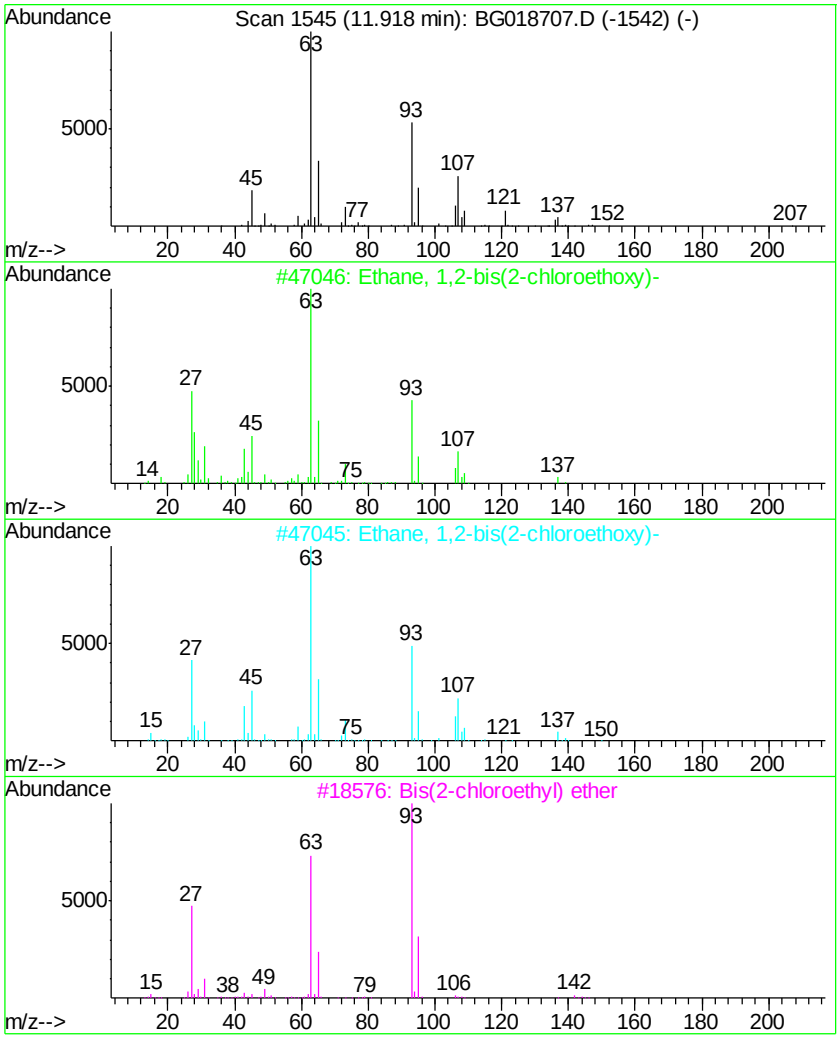
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

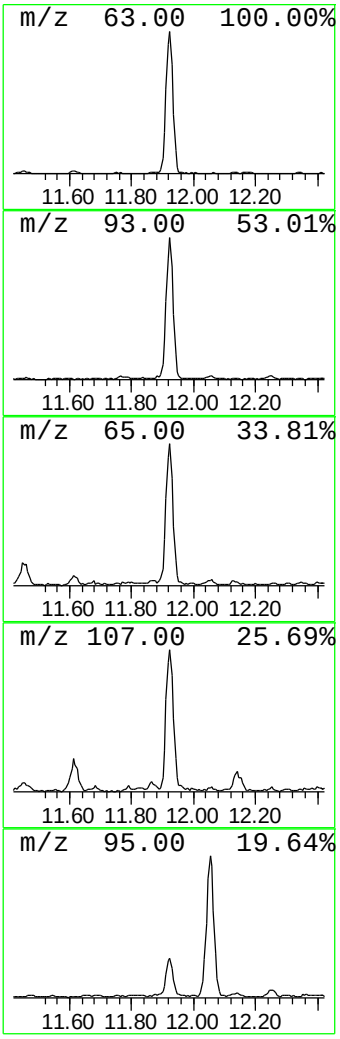
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	21.05 ng/ul	482190	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	78
2	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	78
3	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	72
4	Ethanol, 2-(2-chloroethoxy)-	124	C4H9ClO2	000628-89-7	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 : BG018707.D
Acq On : 16 Sep 2015 14:26
Operator : TP
Sample : G3641-13DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN0DL

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	32.4	ng/ul	556944	1	8.00	344306	20.0
2-Pentanone, 4,4-...	4.30	3.4	ng/ul	58911	1	8.00	344306	20.0
Acetic acid, cyan...	5.44	39.5	ng/ul	679584	1	8.00	344306	20.0
1,4-Oxathiane	5.94	70.8	ng/ul	1218160	1	8.00	344306	20.0
2-Propanol, 2-met...	6.81	2.5	ng/ul	43151	1	8.00	344306	20.0
Benzene, 1,2,3-tr...	7.22	28.5	ng/ul	490570	1	8.00	344306	20.0
Benzene, 1-ethyl-...	7.65	12.6	ng/ul	216076	1	8.00	344306	20.0
1H-Pyrazole, 4,5-...	8.09	48.7	ng/ul	838617	1	8.00	344306	20.0
Hexanoic acid, 2,...	8.26	9.7	ng/ul	166364	1	8.00	344306	20.0
Cyclohexanone, 3,...	8.43	125.8	ng/ul	2165910	1	8.00	344306	20.0
unknown-01	8.49	5.5	ng/ul	94565	1	8.00	344306	20.0
Butane, 1,1'-[met...	8.55	25.9	ng/ul	445408	1	8.00	344306	20.0
Benzene, 1-methyl...	8.63	22.9	ng/ul	394420	1	8.00	344306	20.0
Benzene, 2-ethyl-...	8.96	19.9	ng/ul	343207	1	8.00	344306	20.0
Benzene, 1-ethyl-...	9.10	36.3	ng/ul	625372	1	8.00	344306	20.0
Benzene, 4-ethyl-...	9.44	3.5	ng/ul	79575	2	10.81	458122	20.0
Benzene, 1,2,4,5-...	9.63	16.2	ng/ul	371917	2	10.81	458122	20.0
4'-Methylpropioph...	10.00	4.2	ng/ul	95778	2	10.81	458122	20.0
Benzene, 1,2,3,4-...	10.21	35.7	ng/ul	817142	2	10.81	458122	20.0
unknown-02	10.35	13.9	ng/ul	319540	2	10.81	458122	20.0
unknown-03	10.49	7.8	ng/ul	179268	2	10.81	458122	20.0
3-Aminopyrazine 1...	10.61	12.2	ng/ul	278231	2	10.81	458122	20.0
unknown-04	10.68	2.9	ng/ul	67361	2	10.81	458122	20.0
unknown-05	11.01	15.0	ng/ul	344261	2	10.81	458122	20.0
4-Methylphenyl ac...	11.28	4.3	ng/ul	97823	2	10.81	458122	20.0
unknown-06	11.45	13.8	ng/ul	317004	2	10.81	458122	20.0
unknown-07	11.54	6.3	ng/ul	143800	2	10.81	458122	20.0
Benzeneethanol, ...	11.61	14.1	ng/ul	323069	2	10.81	458122	20.0
unknown-08	11.89	12.1	ng/ul	275913	2	10.81	458122	20.0
Ethane, 1,2-bis(2...	11.92	21.1	ng/ul	482190	2	10.81	458122	20.0