LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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	3.109	39	46	53	rBV2	81753	166819	1.79%	0.278%
2	3.179	53	58	77	rVB	1329841	1834608	19.70%	3.052%
3	5.318	416	422	432	rVV	1661394	2723837	29.24%	4.532%
4	5.441	436	443	449	rVV	104854	162160	1.74%	0.270%
5	5.935	520	527	535	rBV	910298	1521452	16.33%	2.531%
6	6.493	616	622	634	rVB	64539	114443	1.23%	0.190%
7	6.987	696	706	712	rBV	30843	55645	0.60%	0.093%
8	7.163	730	736	749	rVB2	76393	156891	1.68%	0.261%
9	7.327	757	764	771	rBV	232446	406015	4.36%	0.676%
10	7.427	772	781	790	rVB	2393259	3931669	42.21%	6.541%
11	7.539	793	800	810	rBV	248644	458916	4.93%	0.764%
12	7.656	815	820	827	rVB2	31998	53850	0.58%	0.090%
13	7.903	857	862	868	rVB2	34932	66112	0.71%	0.110%
14	8.003	873	879	889	rBV3	257796	588981	6.32%	0.980%
15	8.379	935	943	949	rVV2	186197	377473	4.05%	0.628%
16	8.497	954	963	965	rVV4	31468	56540	0.61%	0.094%
17	8.544	965	971	982	rVB	978596	1450122	15.57%	2.413%
18	8.643	982	988	992	rBV3	33163	57534	0.62%	0.096%
19	8.708	992	999	1009	rVB2	239446	461209	4.95%	0.767%
20	8.914	1028	1034	1038	rBV3	31692	63019	0.68%	0.105%
21	8.984	1040	1046	1052	rVB5	31263	58151	0.62%	0.097%
22	9.108	1060	1067	1070	rBV4	49707	93479	1.00%	0.156%
23	9.160	1070	1076	1085	rVB2	248573	476161	5.11%	0.792%
24	9.625	1146	1155	1161	rBV4	40566	108733	1.17%	0.181%
25	9.824	1182	1189	1193	rBV4	25157	54048	0.58%	0.090%
26	9.883	1193	1199	1206	rVB	228653	422098	4.53%	0.702%
27	10.054	1216	1228	1230	rBV2	49267	102762	1.10%	0.171%
28	10.089	1230	1234	1240	rVV2	81679	148586	1.60%	0.247%
29	10.200	1243	1253	1260	rVV	130637	245707	2.64%	0.409%
30	10.347	1271	1278	1285	rVV	137844	255917	2.75%	0.426%
31	10.430	1285	1292	1298	rVV	402468	736371	7.91%	1.225%
32	10.482	1298	1301	1309	rVB2	42910	80828	0.87%	0.134%
33	10.612	1315	1323	1331	rVB	976568	1782204	19.13%	2.965%
34	10.806	1346	1356	1362	rVV	355049	634447	6.81%	1.056%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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	10.864	1362	1366	1369	rVV4	28194	54447	0.58%	0.091%
36	10.911	1370	1374	1389	rVB3	62562	183900	1.97%	0.306%
37	11.129	1405	1411	1423	rVB2	146645	307456	3.30%	0.512%
38	11.470	1458	1469	1480	rVB2	155196	382913	4.11%	0.637%
39	11.663	1497	1502	1509	rVV9	18934	49620	0.53%	0.083%
40	11.940	1538	1549	1555	rVV	5028002	9314651	100.00%	15.497%
41	12.139	1577	1583	1596	rVB	230240	423731	4.55%	0.705%
42	12.645	1666	1669	1677	rVV7	24140	52427	0.56%	0.087%
43	12.880	1704	1709	1715	rBV4	34774	68092	0.73%	0.113%
44	13.085	1736	1744	1750	rBV6	35130	97449	1.05%	0.162%
45	13.197	1757	1763	1769	rVB	131320	212304	2.28%	0.353%
46	13.479	1804	1811	1819	rBV2	526194	894255	9.60%	1.488%
47	13.555	1819	1824	1827	rBV3	40157	71208	0.76%	0.118%
48	13.767	1854	1860	1868	rVB10	38241	97602	1.05%	0.162%
49	13.861	1868	1876	1881	rBV4	30213	67198	0.72%	0.112%
50	13.972	1887	1895	1900	rBV2	134308	279974	3.01%	0.466%
51	14.031	1900	1905	1913	rVV	750241	1098637	11.79%	1.828%
52	14.225	1933	1938	1944	rBV	43327	68090	0.73%	0.113%
53	14.319	1948	1954	1961	rVV	897810	1405523	15.09%	2.338%
54	14.401	1963	1968	1971	rVV	29914	48805	0.52%	0.081%
55	14.490	1979	1983	1990	rVV6	26539	58621	0.63%	0.098%
56	14.619	1997	2005	2016	rVB3	2526526	4773842	51.25%	7.942%
57	14.836	2037	2042	2045	rBV	55987	87570	0.94%	0.146%
58	14.960	2059	2063	2066	rVB2	48425	61947	0.67%	0.103%
59	15.101	2082	2087	2090	rBV	96969	127440	1.37%	0.212%
60	15.359	2127	2131	2136	rVB	59604	78703	0.84%	0.131%
61	15.435	2141	2144	2149	rVB	41786	63794	0.68%	0.106%
62	15.518	2149	2158	2167	rBV2	83403	154986	1.66%	0.258%
63	15.623	2169	2176	2182	rBV2	1976999	3069742	32.96%	5.107%
64	15.729	2189	2194	2200	rVB2	245848	376865	4.05%	0.627%
65	15.905	2219	2224	2226	rBV	104142	160829	1.73%	0.268%
66	16.047	2239	2248	2253	rBV	143139	236692	2.54%	0.394%
67	16.123	2253	2261	2269	rVV3	152862	308355	3.31%	0.513%
68	16.211	2271	2276	2281	rVB2	102230	149950	1.61%	0.249%
69	16.340	2294	2298	2307	rVB	153102	249263	2.68%	0.415%
70	16.452	2312	2317	2320	rBV	44085	64149	0.69%	0.107%
71	16.511	2321	2327	2333	rVB2	42946	76766	0.82%	0.128%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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	16.569	2333	2337	2342	rBV2	50343	68995	0.74%	0.115%
73	16.634	2342	2348	2351	rBV4	52630	125379	1.35%	0.209%
74	16.663	2351	2353	2360	rVB4	53655	76859	0.83%	0.128%
75	16.769	2366	2371	2377	rBV3	40989	76455	0.82%	0.127%
76	16.857	2378	2386	2391	rVV4	42103	115057	1.24%	0.191%
77	16.922	2391	2397	2401	rVV4	141798	227937	2.45%	0.379%
78	16.992	2401	2409	2414	rVV2	189136	371103	3.98%	0.617%
79	17.051	2414	2419	2424	rVB	79241	121866	1.31%	0.203%
80	17.163	2433	2438	2444	rVB	102455	140982	1.51%	0.235%
81	17.368	2467	2473	2480	rVV	843665	1380679	14.82%	2.297%
82	17.468	2484	2490	2497	rVV	1388402	2079152	22.32%	3.459%
83	18.256	2620	2624	2630	rBV5	98202	186958	2.01%	0.311%
84	18.444	2652	2656	2660	rBV	58047	86975	0.93%	0.145%
85	18.820	2715	2720	2725	rVB	114247	160821	1.73%	0.268%
86	18.896	2729	2733	2735	rVV5	35423	51255	0.55%	0.085%
87	18.937	2735	2740	2748	rVV	842813	1255350	13.48%	2.089%
88	19.008	2748	2752	2757	rVV8	50444	89174	0.96%	0.148%
89	19.066	2758	2762	2768	rVB6	28342	53473	0.57%	0.089%
90	19.296	2795	2801	2808	rVB7	46886	103053	1.11%	0.171%
91	19.525	2836	2840	2844	rBV3	57523	74474	0.80%	0.124%
92	19.754	2870	2879	2884	rBV	1566269	2293506	24.62%	3.816%
93	20.600	3018	3023	3029	rVB2	198902	262850	2.82%	0.437%
94	20.676	3032	3036	3039	rVV5	50165	57449	0.62%	0.096%
95	20.958	3081	3084	3089	rVB4	40262	49384	0.53%	0.082%
96	21.105	3106	3109	3114	rVB6	46569	55552	0.60%	0.092%
97	21.622	3191	3197	3205	rBV	904643	1472229	15.81%	2.449%
98	22.216	3292	3298	3303	rBV	180690	292666	3.14%	0.487%
99	24.595	3692	3703	3716	rBV	781674	2151058	23.09%	3.579%
100	24.807	3730	3739	3750	rVB2	514860	1439929	15.46%	2.396%

Sum of corrected areas: 60105203

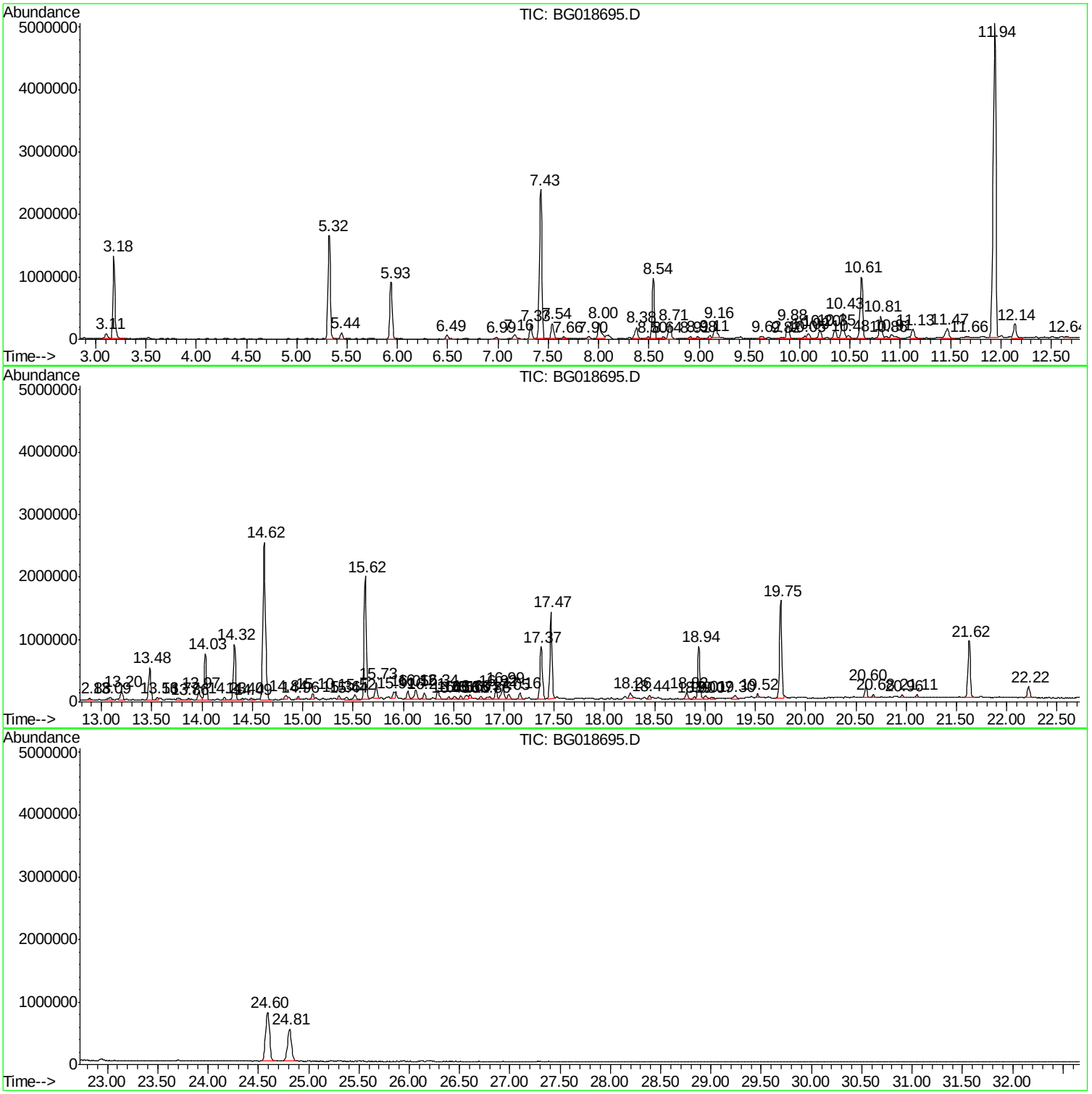
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

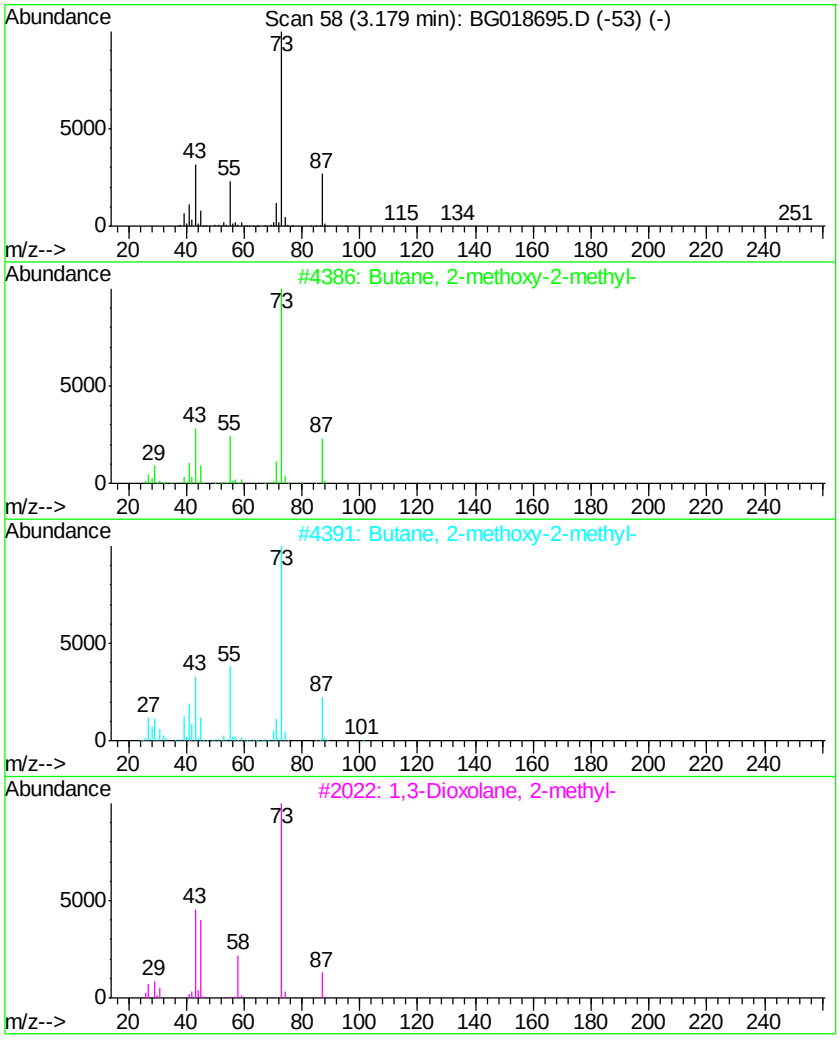
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

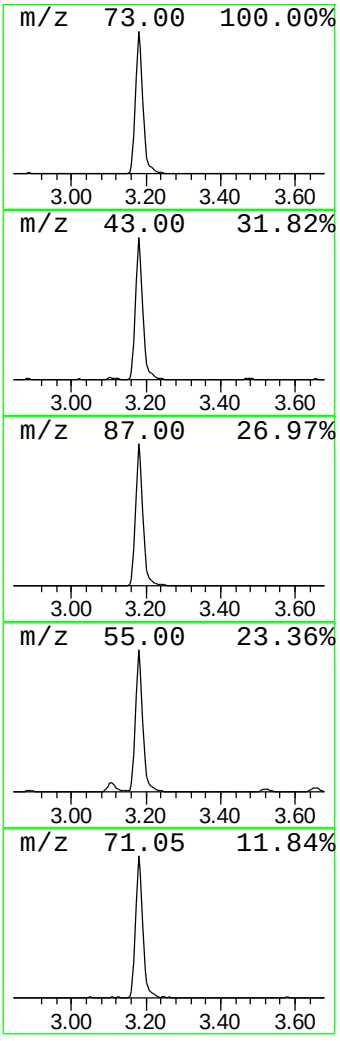
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	62.30 ng/ul	1834610	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	64
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

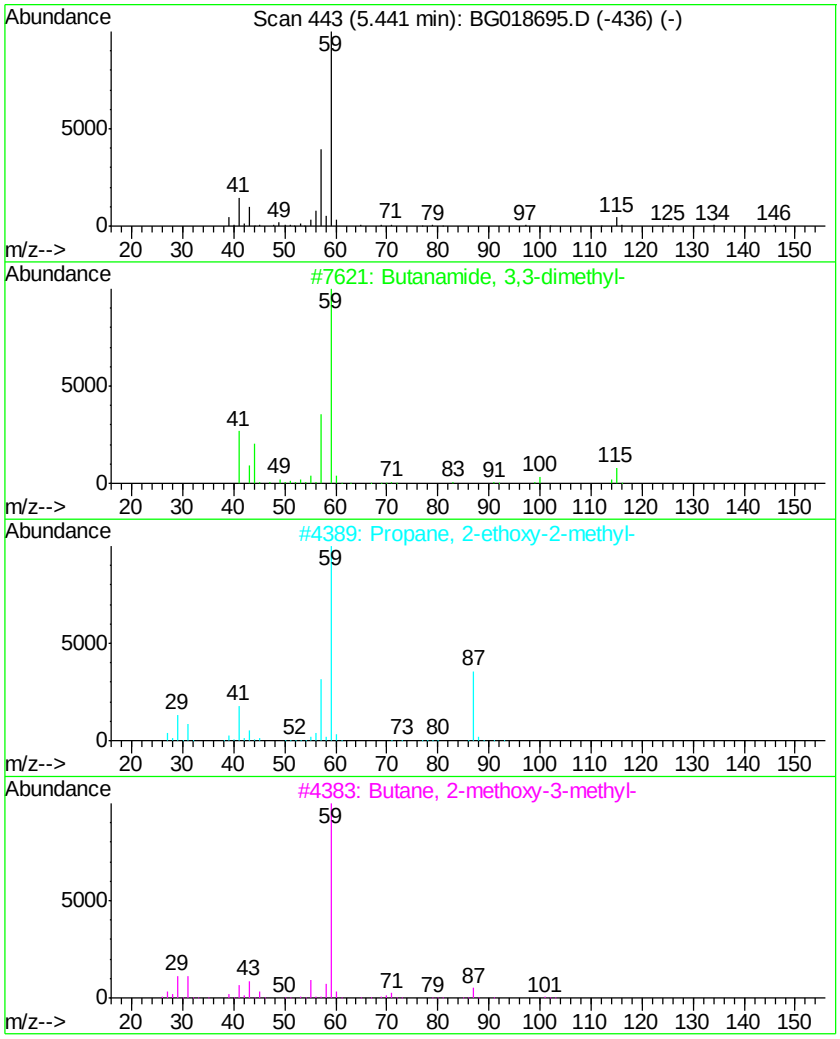
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

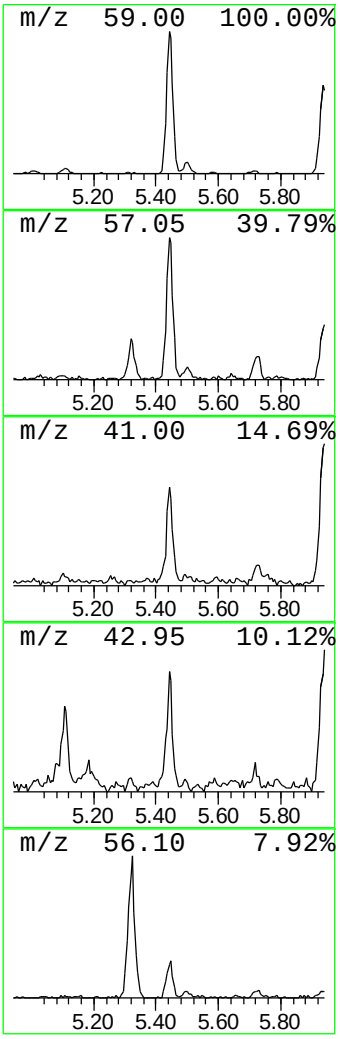
****

Peak Number 4 Butanamide, 3,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	5.51 ng/ul	162160	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	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	56
3	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	42
4	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	39
5	Acetic acid, chloro-, 1,1-dimeth...	150	C6H11ClO2	000107-59-5	39





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

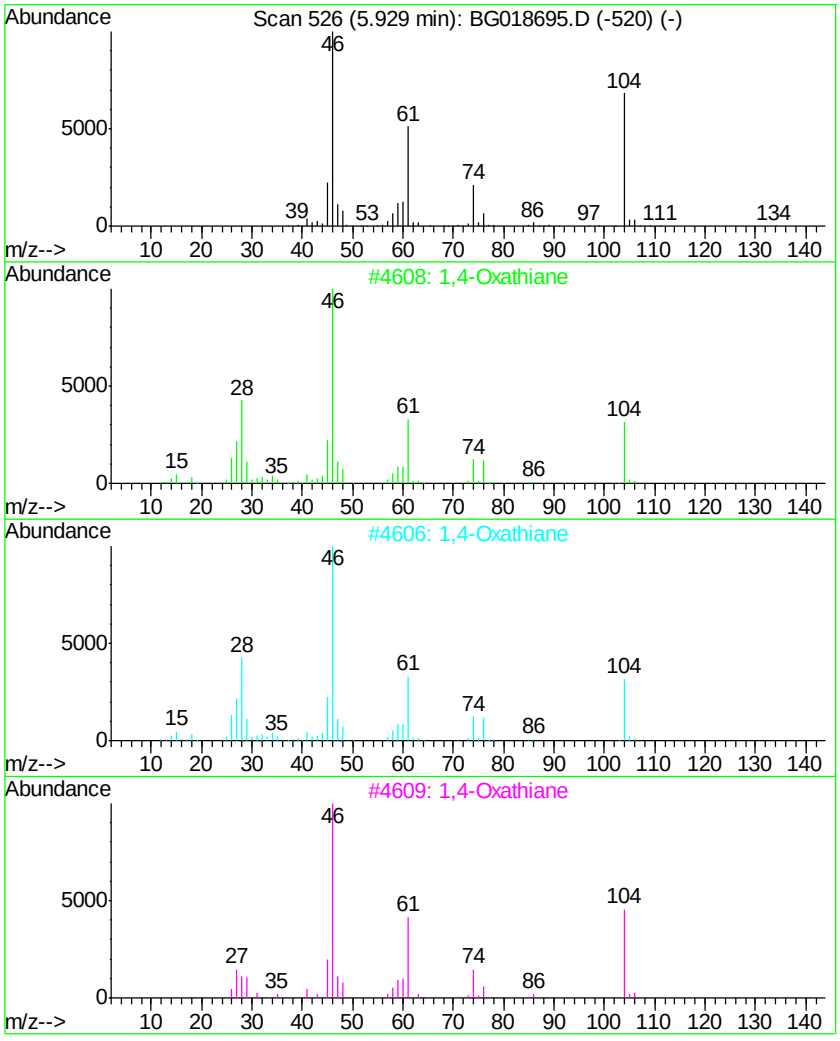
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

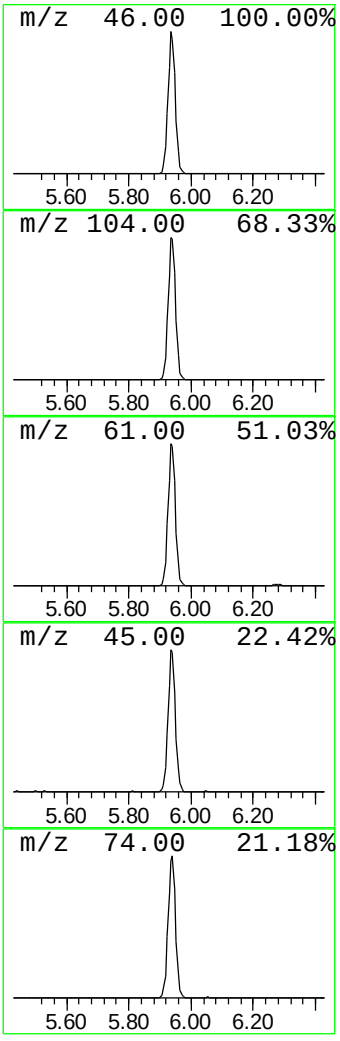
****

Peak Number 5 1,4-Oxathiane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	51.66 ng/ul	1521450	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	Thietane	74	C3H6S	000287-27-4	43
5	Thietane	74	C3H6S	000287-27-4	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

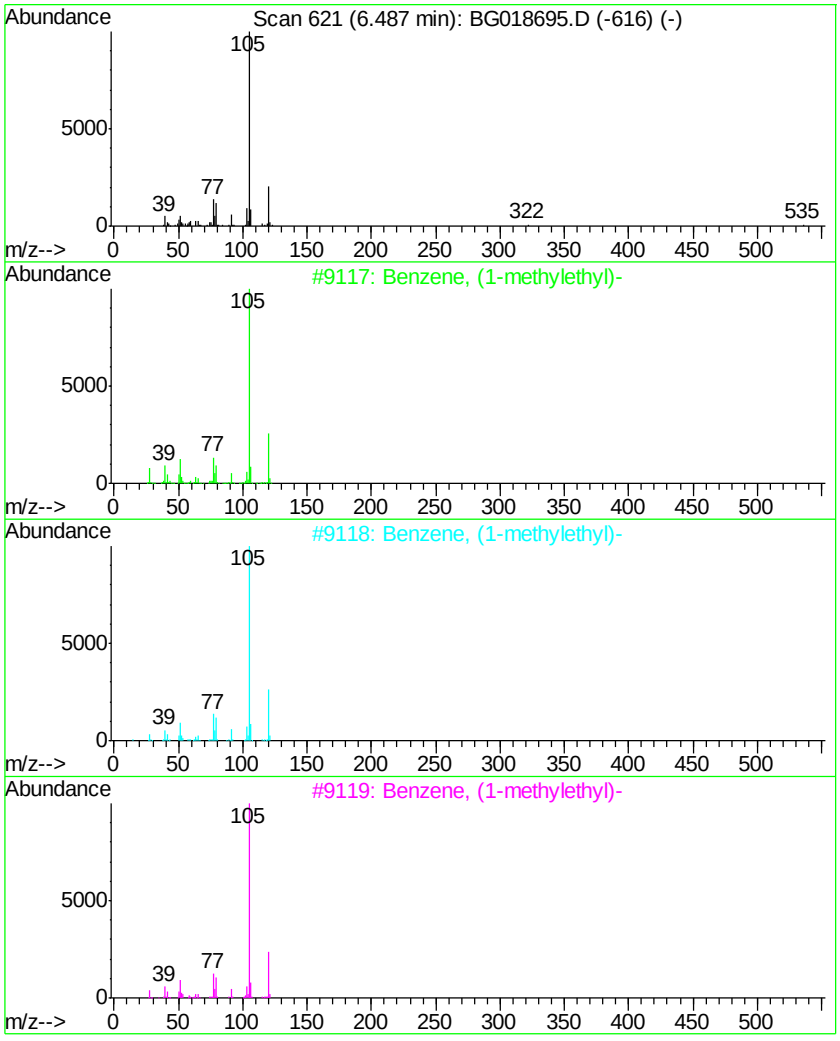
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

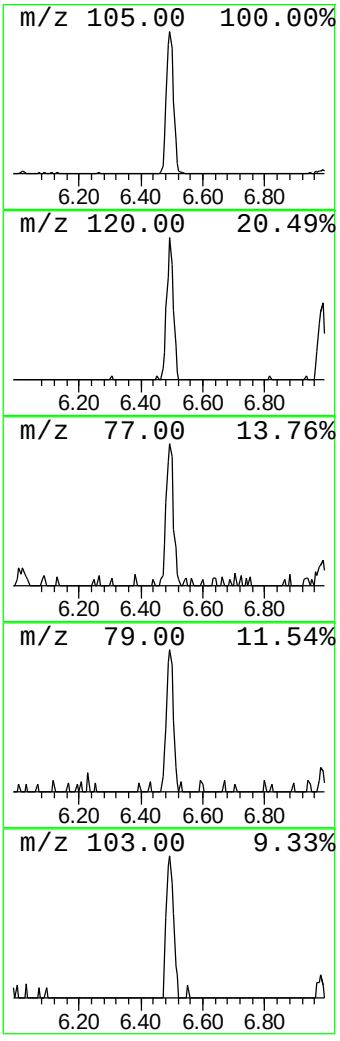
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	3.89 ng/ul	114443	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

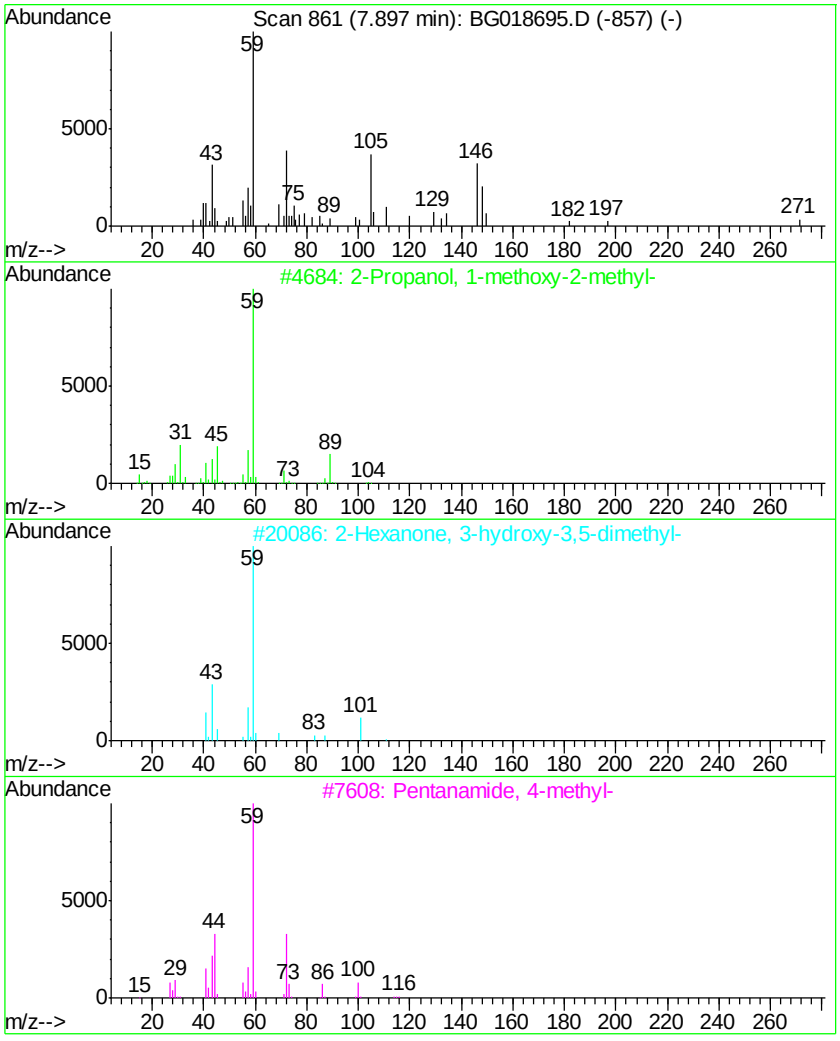
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

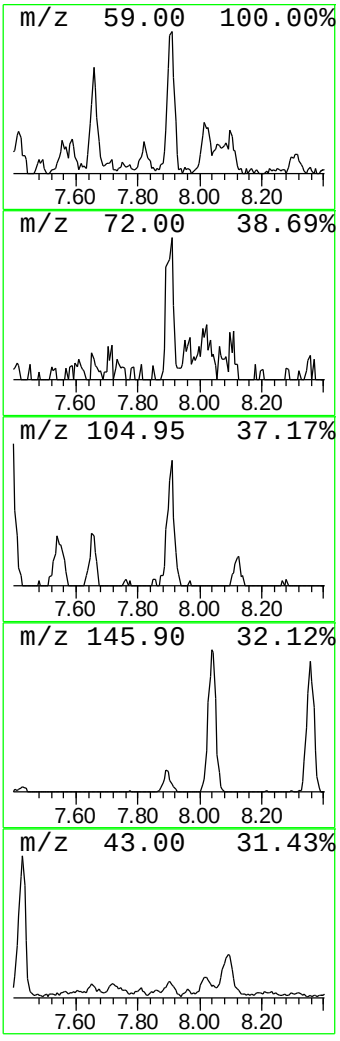
****

Peak Number 7 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	2.24 ng/ul	66112	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	43
2	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	43
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	40
4	.alpha.-D-Xylo-Hex-5-enofuranose...	186	C9H14O4	007284-07-3	38
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 : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

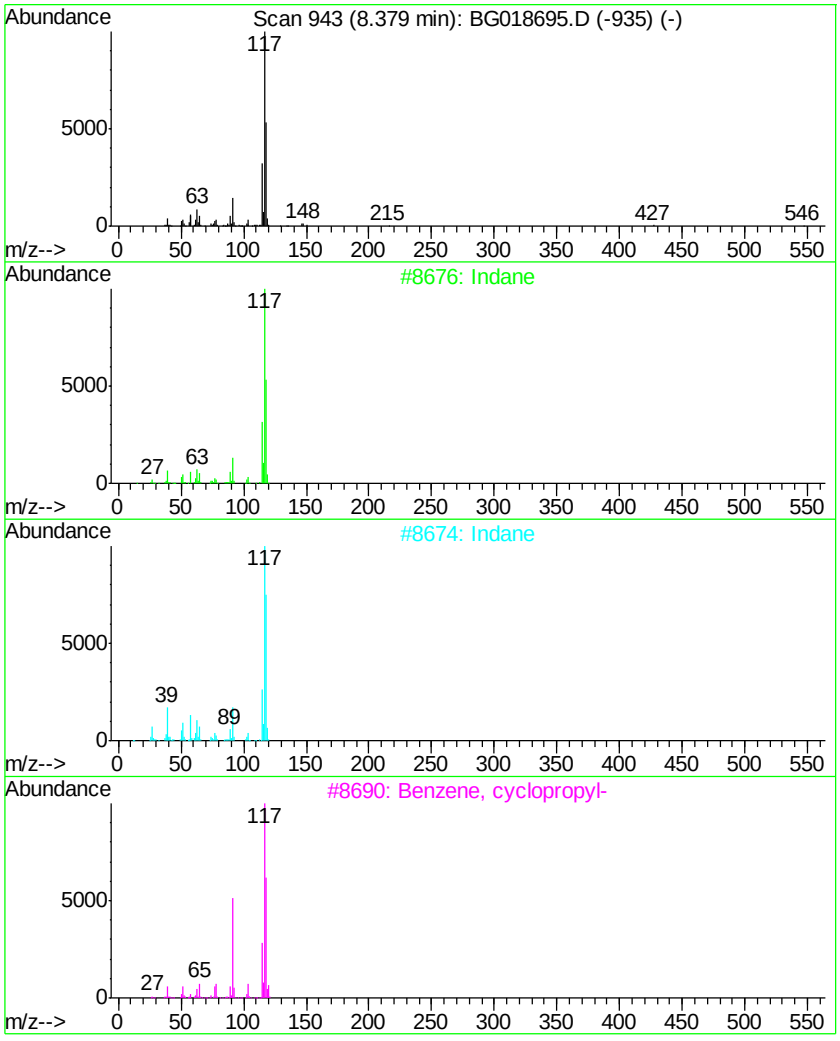
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

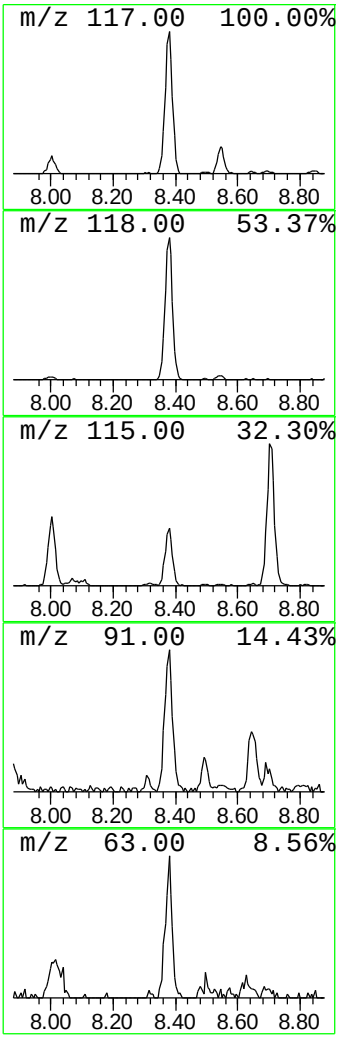
****

Peak Number 8 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	12.82 ng/ul	377473	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	74





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

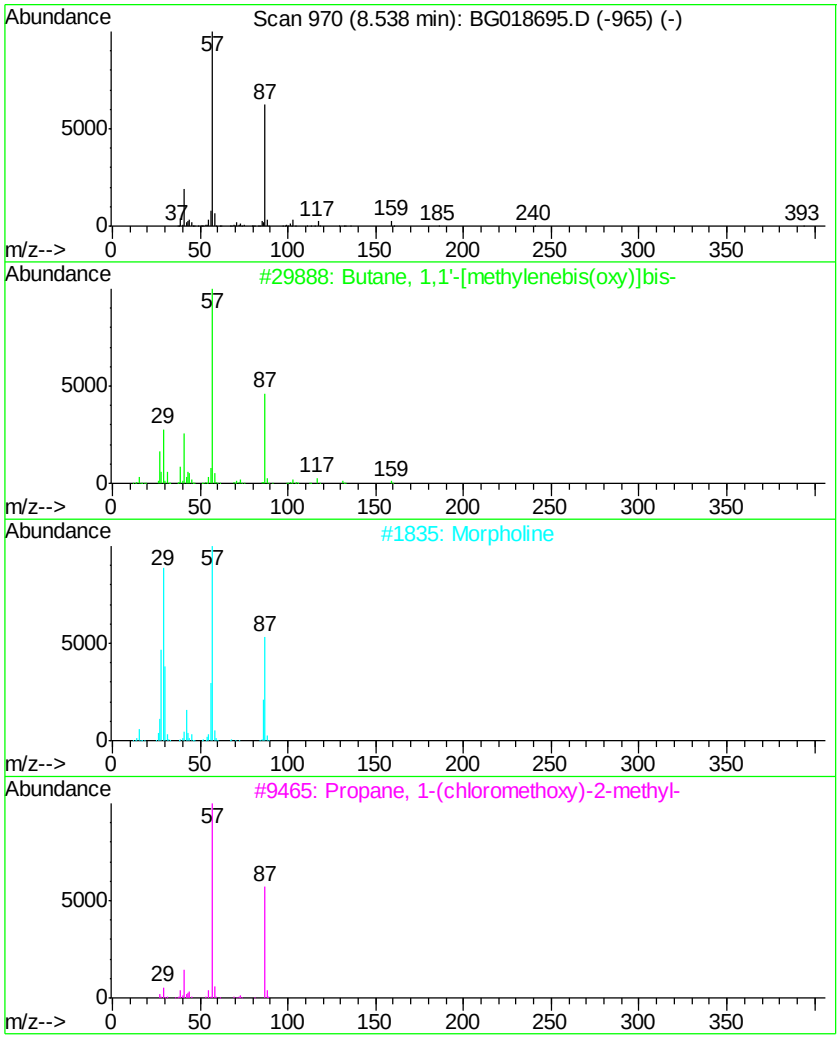
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

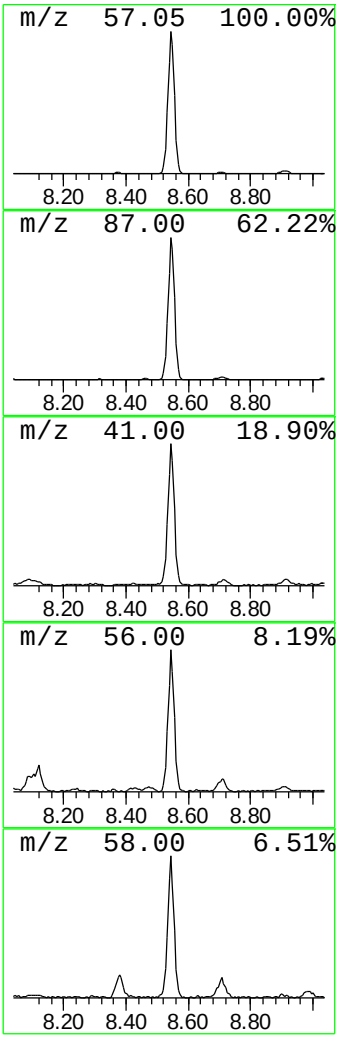
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Butane, 1,1'-[methylenebis(... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	49.24 ng/ul	1450120	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	72
2	Morpholine	87	C4H9NO	000110-91-8	59
3	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	53
4	Morpholine	87	C4H9NO	000110-91-8	45
5	Ethanol, 2,2'-oxybis-, diacetate	190	C8H14O5	000628-68-2	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

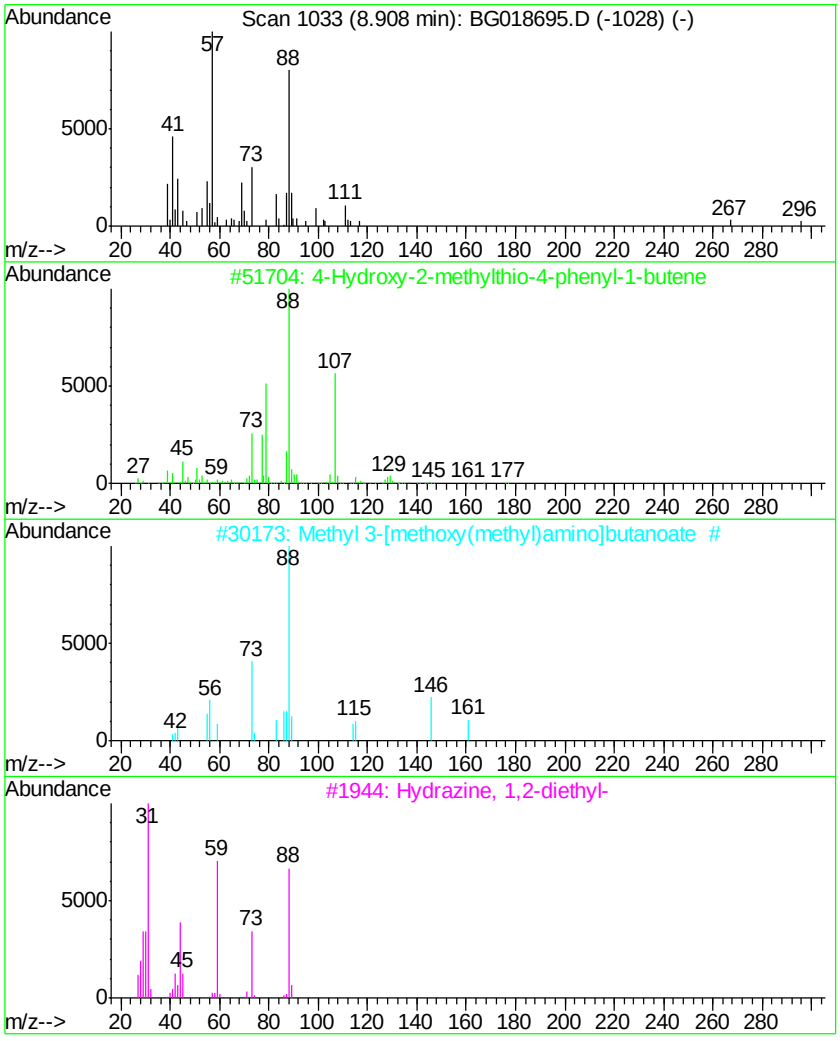
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

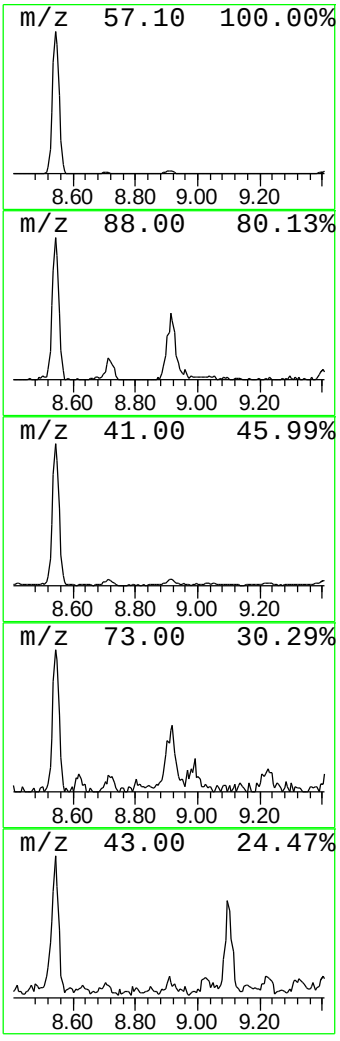
****

Peak Number 10 4-Hydroxy-2-methylthio-4-ph... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	2.14 ng/ul	63019	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-2-methylthio-4-phenyl-...	194	C11H14OS	1000196-16-8	50
2	Methyl 3-[methoxy(methyl)amino]b...	161	C7H15NO3	1000144-77-7	45
3	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	40
4	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	36
5	Methyl 6,7-di-O-acetyl-2,3,4-tri...	350	C15H26O9	084564-13-6	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

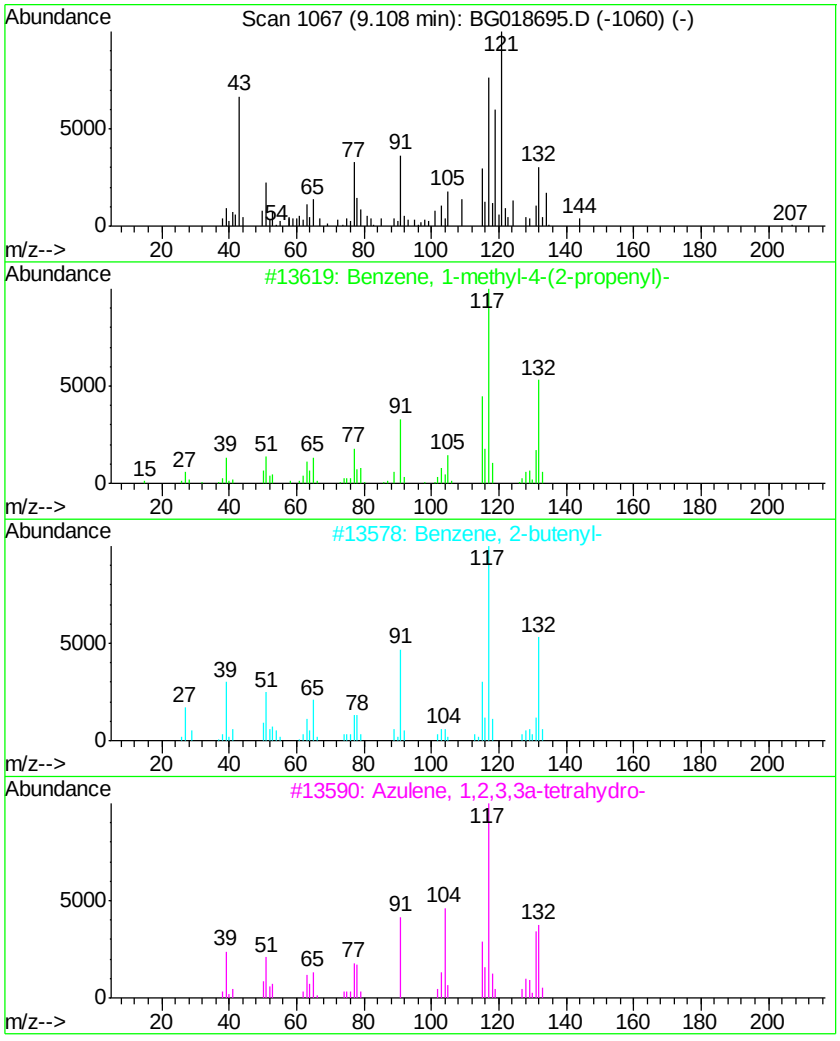
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

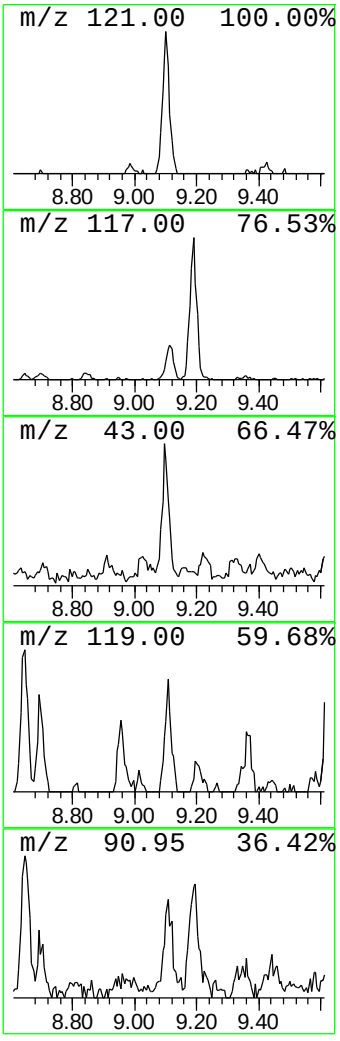
****

Peak Number 11 Benzene, 1-methyl-4-(2-prop... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	3.17 ng/ul	93479	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
3	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	56
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	46
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

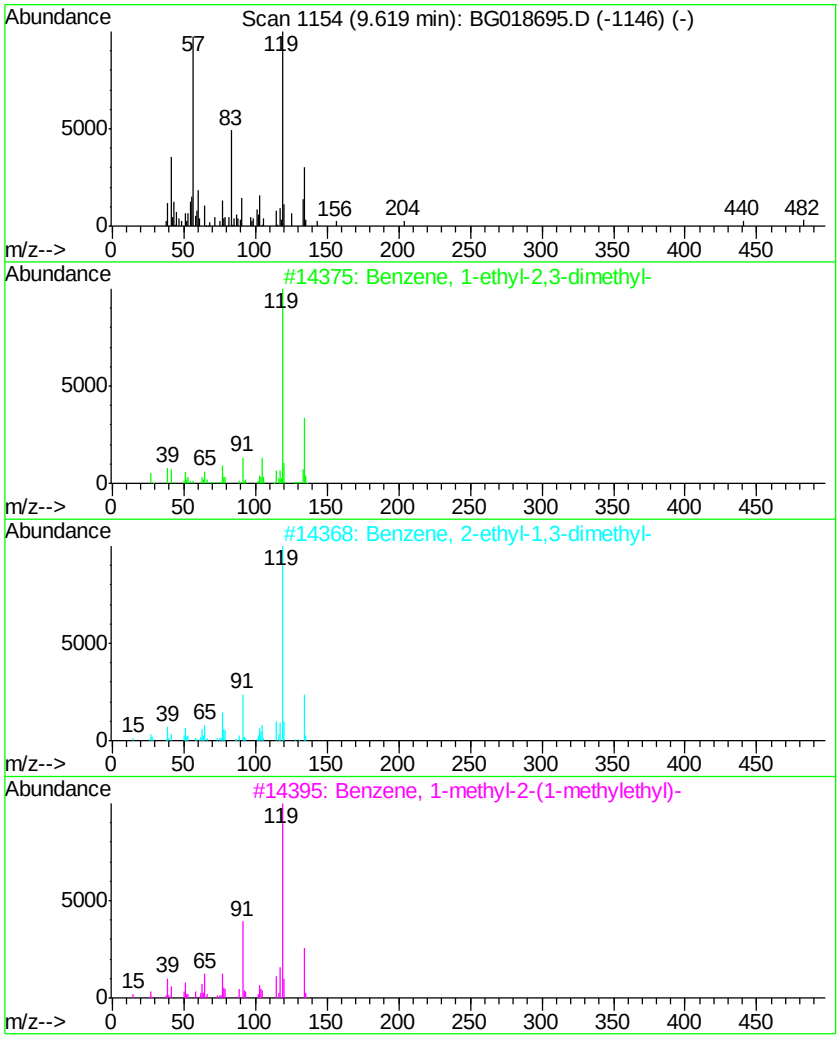
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

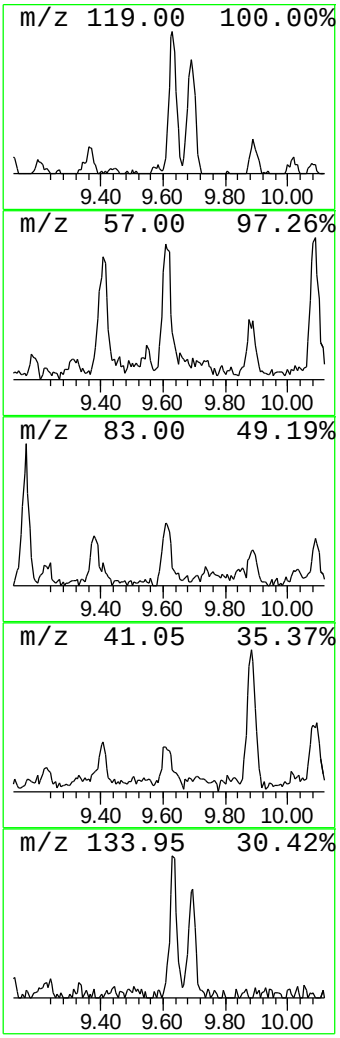
****

Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	3.43 ng/ul	108733	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	81
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

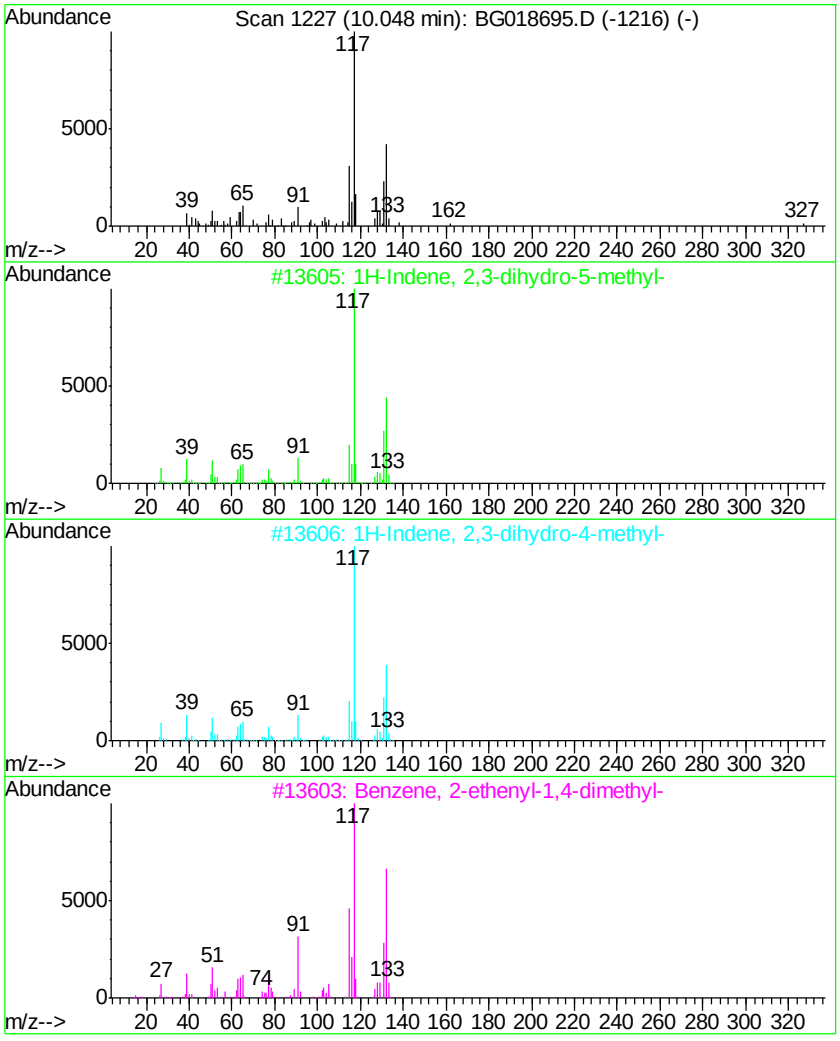
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

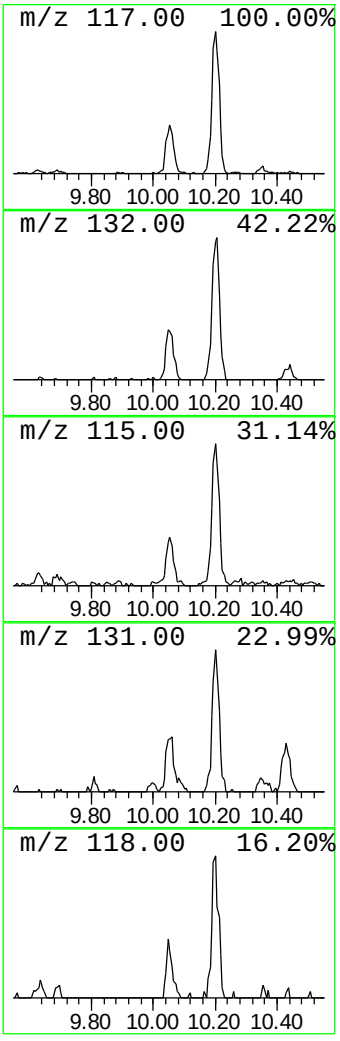
****

Peak Number 13 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	3.24 ng/ul	102762	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	81
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

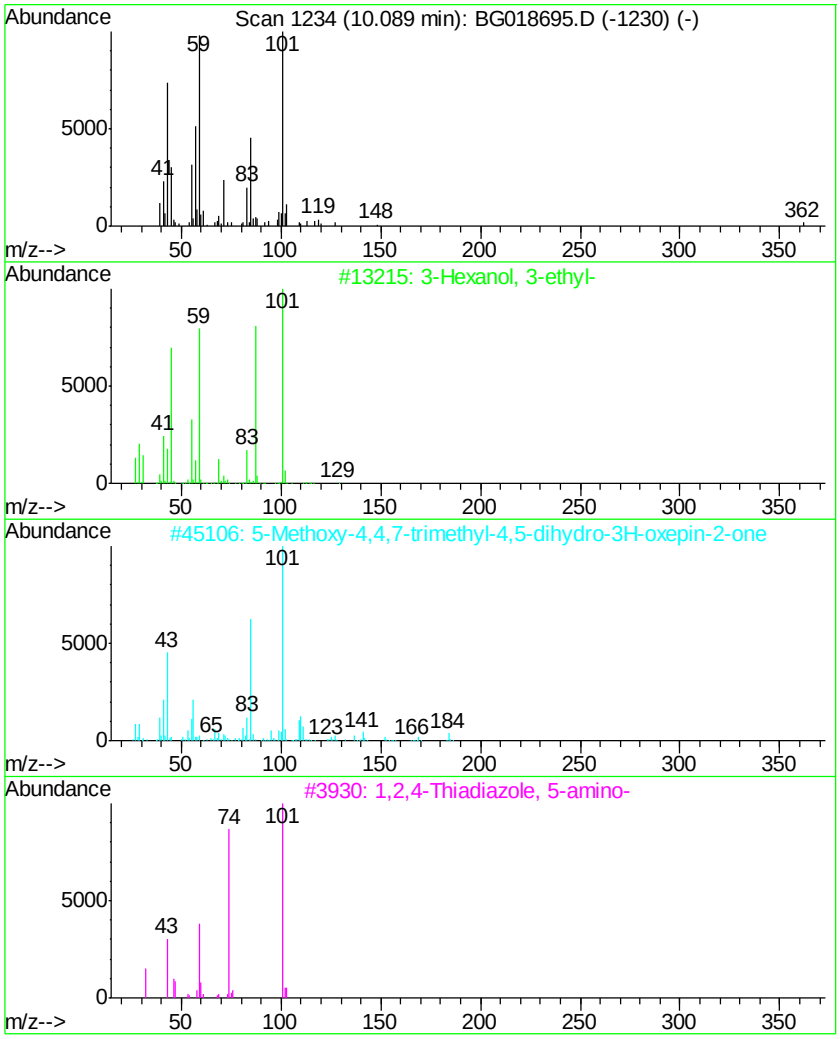
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

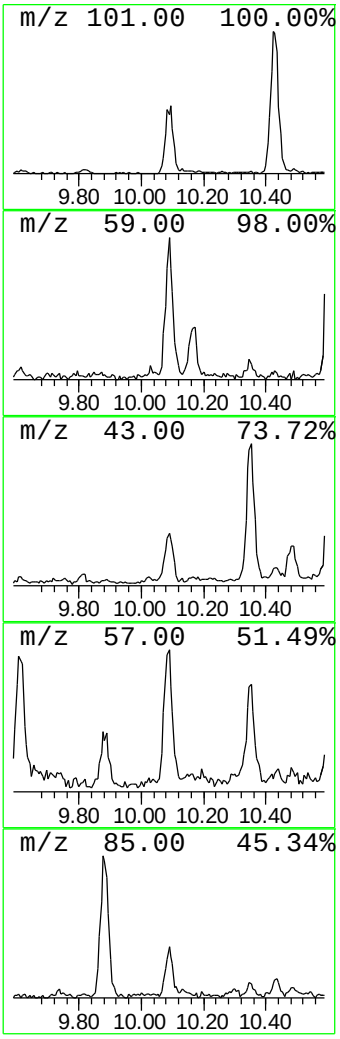
****

Peak Number 14 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	4.68 ng/ul	148586	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-ethyl-	130	C8H18O	000597-76-2	47
2	5-Methoxy-4,4,7-trimethyl-4,5-di...	184	C10H16O3	1000187-23-9	25
3	1,2,4-Thiadiazole, 5-amino-	101	C2H3N3S	007552-07-0	25
4	2-Amino-2-thiazoline-4-carboxyli...	146	C4H6N2O2S	002150-55-2	22
5	1-Ethyl-1-(undec-10-enyl)oxy-1-s...	282	C17H34OSi	1000279-32-3	16





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

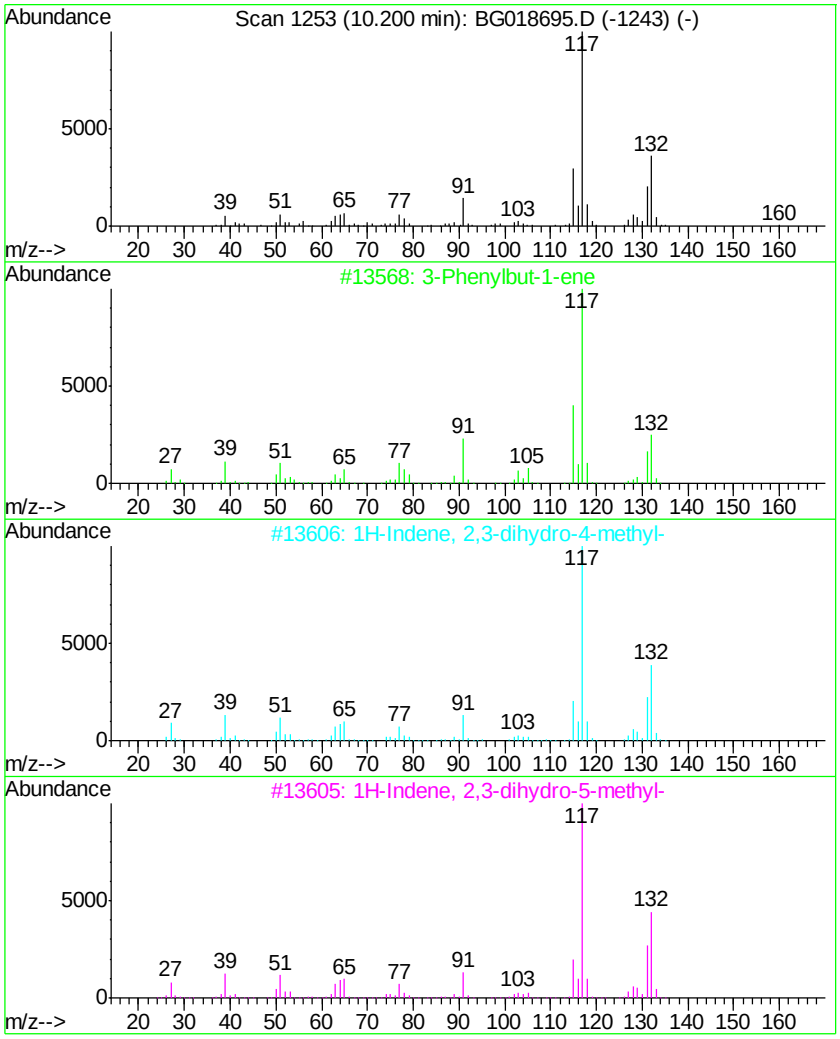
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

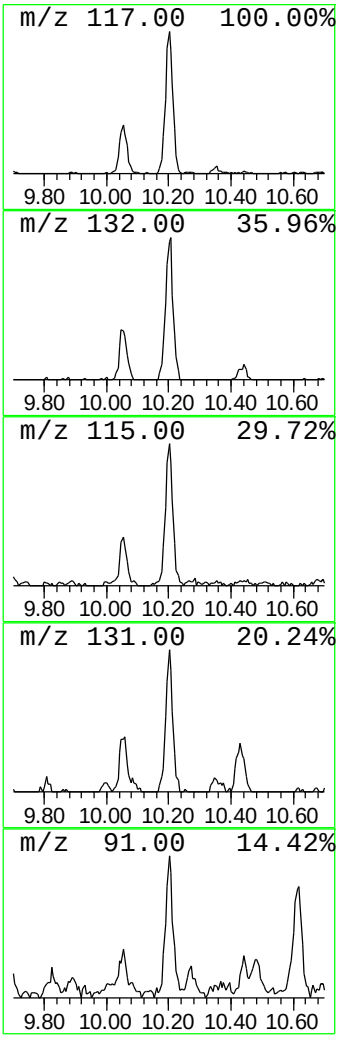
****

Peak Number 15 3-Phenylbut-1-ene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	7.75 ng/ul	245707	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

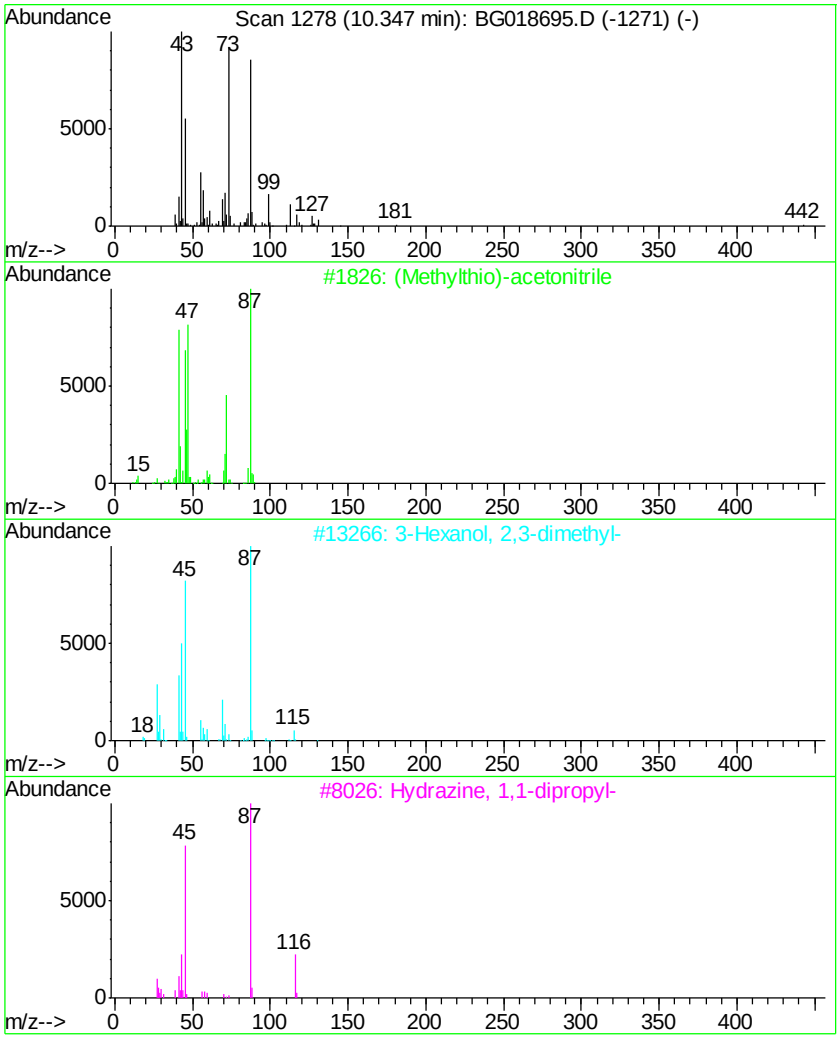
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

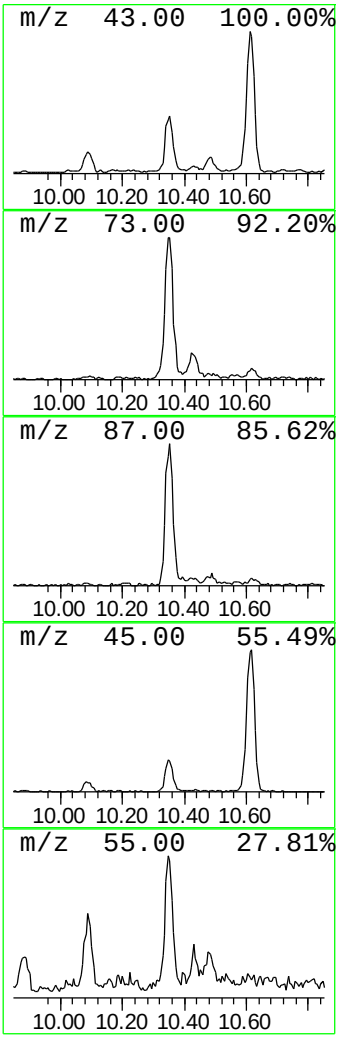
****

Peak Number 16 (Methylthio)-acetonitrile Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	8.07 ng/ul	255917	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Methylthio)-acetonitrile	87	C3H5NS	035120-10-6	58
2	3-Hexanol, 2,3-dimethyl-	130	C8H18O	004166-46-5	53
3	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	53
4	4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	53
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

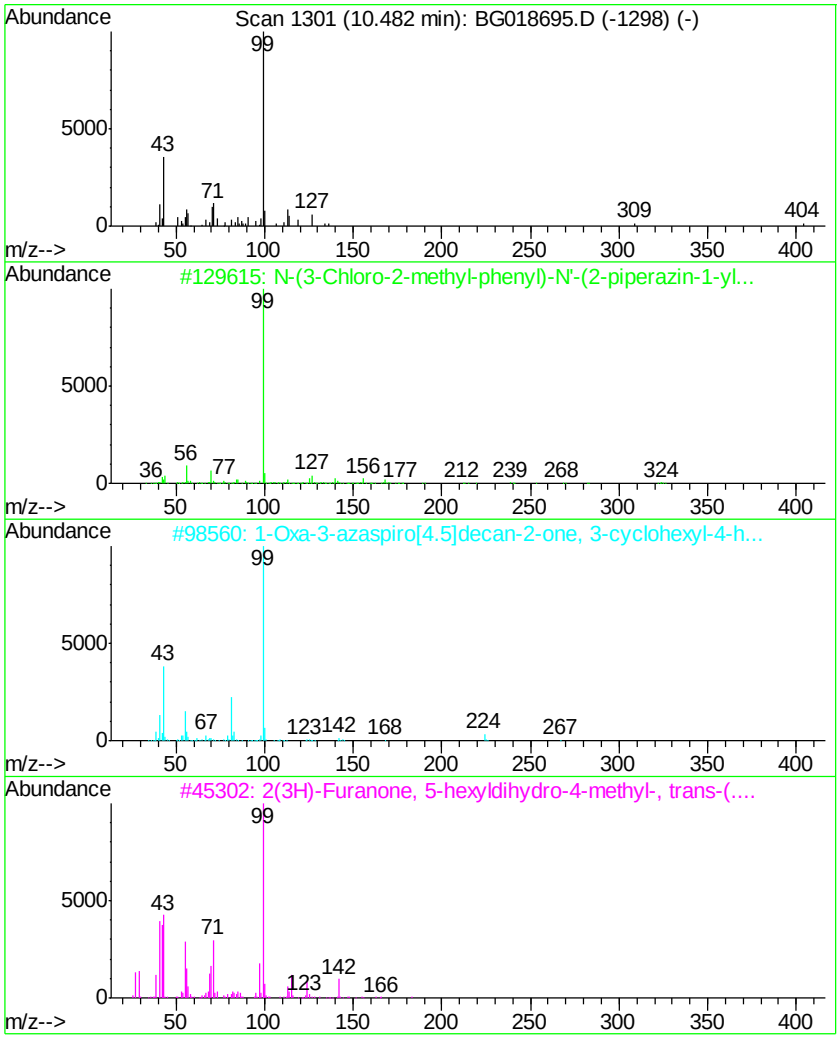
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

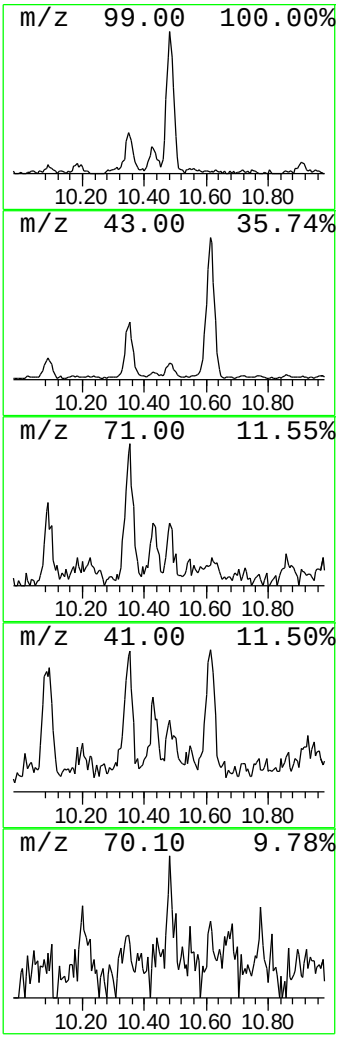
****

Peak Number 17 N-(3-Chloro-2-methyl-phenyl... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.55 ng/ul	80828	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(3-Chloro-2-methyl-phenyl)-N'-...	324	C15H21ClN4O2	1000294-79-6	64
2	1-Oxa-3-azaspiro[4.5]decan-2-one...	267	C15H25NO3	341941-91-1	59
3	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	125133-98-4	50
4	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	50
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

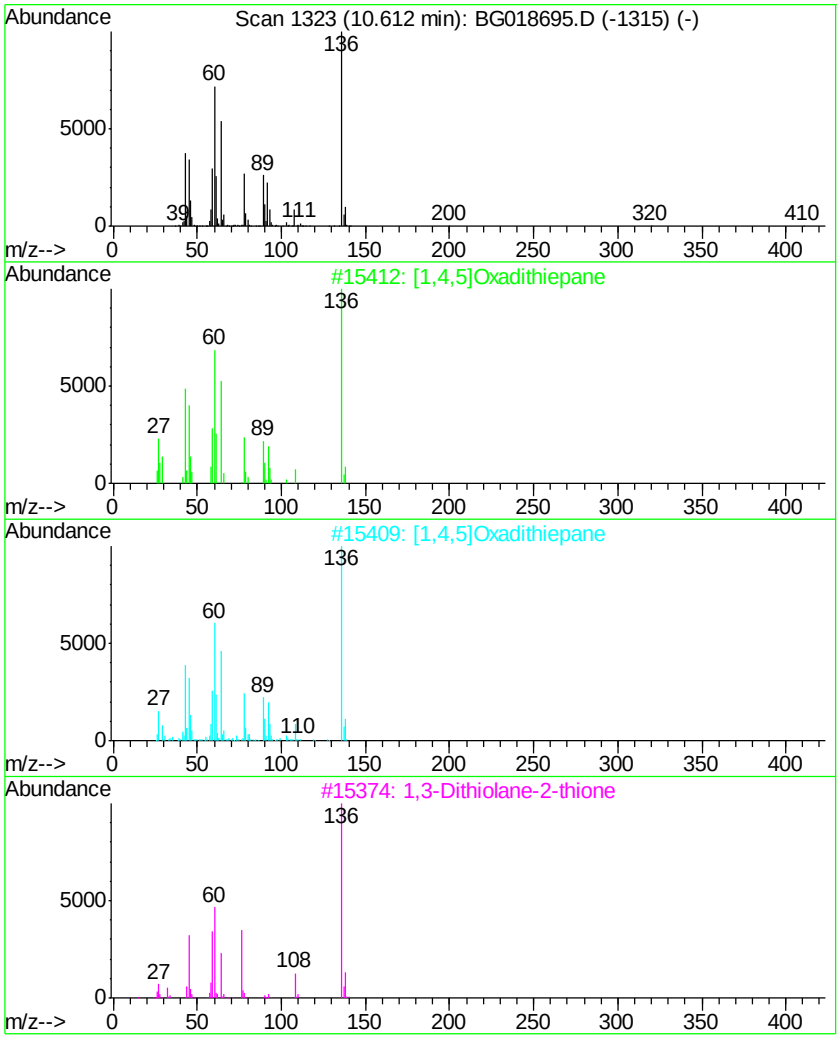
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

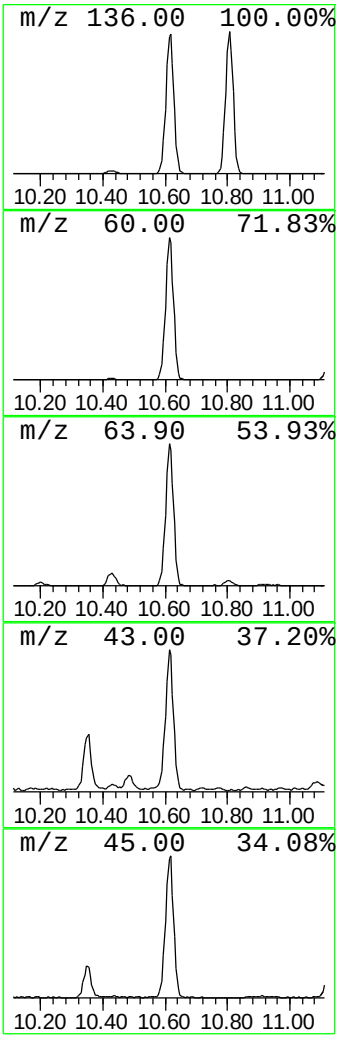
****

Peak Number 18 [1,4,5]Oxadithiepane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	56.18 ng/ul	1782200	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,4,5]Oxadithiepane	136	C4H8OS2	003886-40-6	98
2	[1,4,5]Oxadithiepane	136	C4H8OS2	003886-40-6	98
3	1,3-Dithiolane-2-thione	136	C3H4S3	000822-38-8	25
4	1H-Benzotriazole, 1-hydroxy-	135	C6H5N3O	002592-95-2	16
5	1,4-Dithiane-1-oxide	136	C4H8OS2	019087-70-8	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

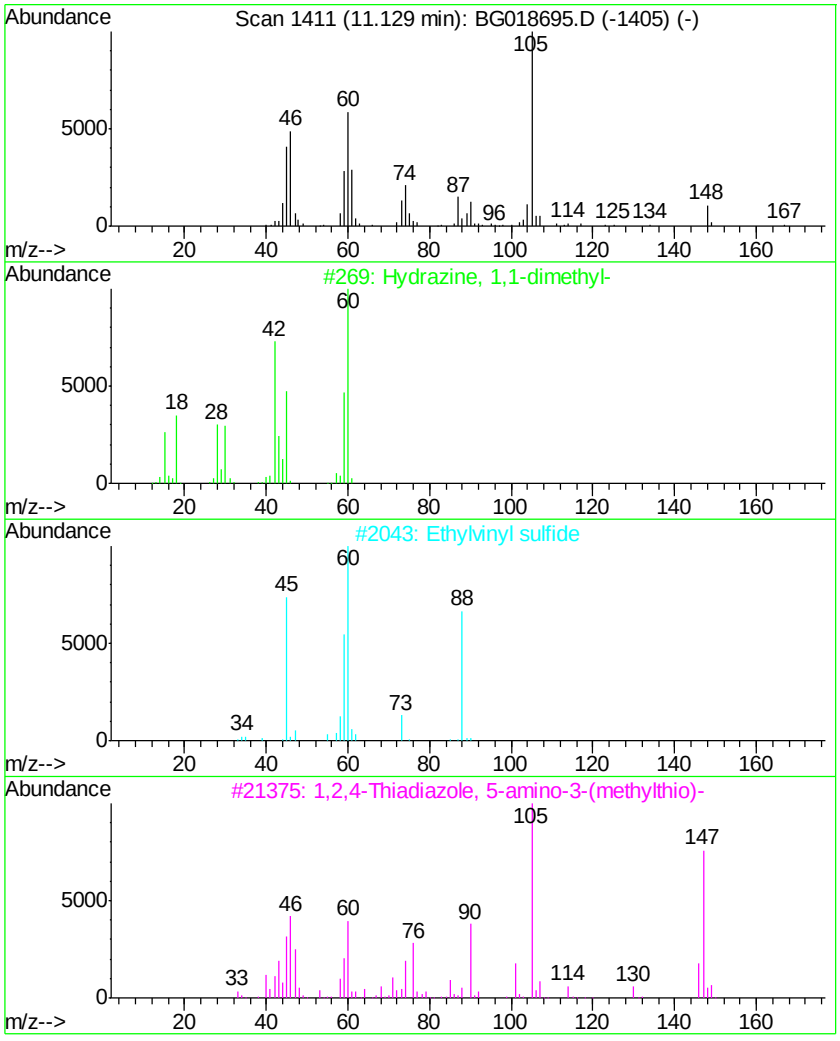
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

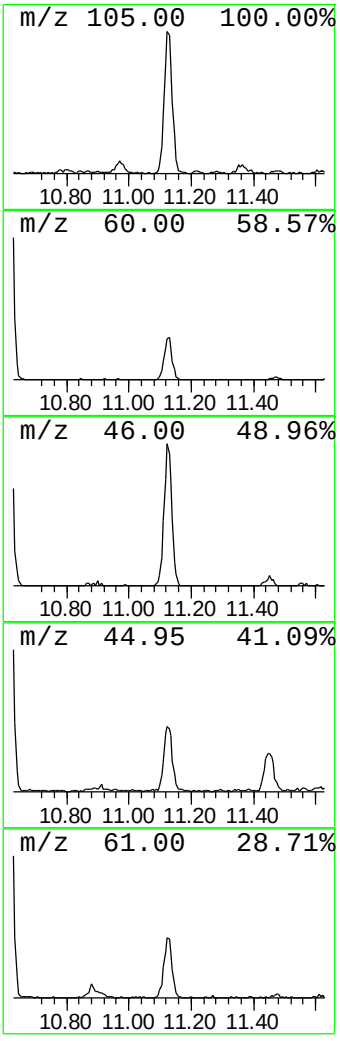
****

Peak Number 19 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	9.69 ng/ul	307456	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	Ethylvinyl sulfide	88	C4H8S	000627-50-9	38
3	1,2,4-Thiadiazole, 5-amino-3-(me...	147	C3H5N3S2	006913-13-9	37
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	35
5	Ethylvinyl sulfide	88	C4H8S	000627-50-9	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

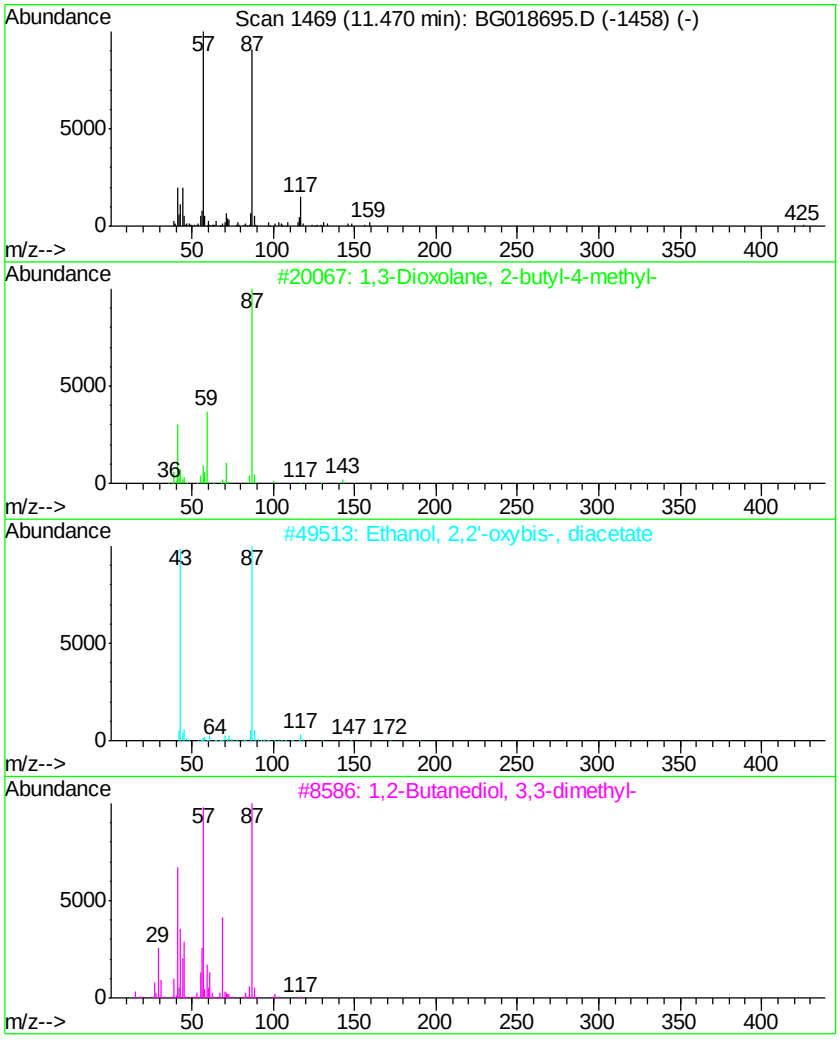
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

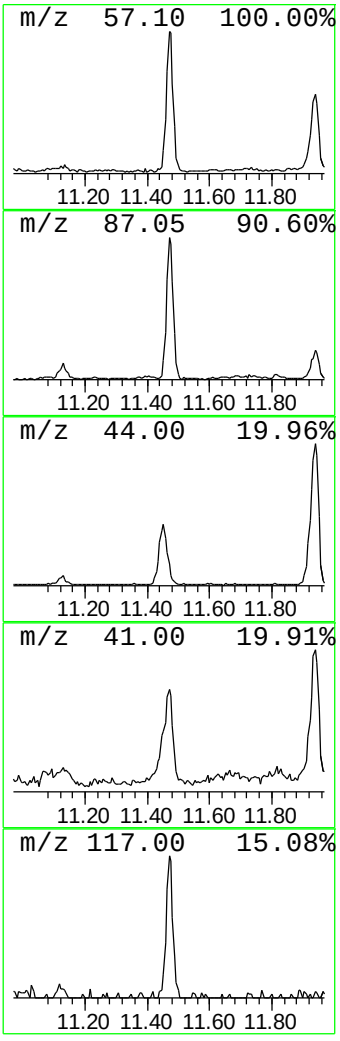
****

Peak Number 20 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	12.07 ng/ul	382913	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-butyl-4-methyl-	144	C8H16O2	074094-60-3	47
2	Ethanol, 2,2'-oxybis-, diacetate	190	C8H14O5	000628-68-2	47
3	1,2-Butanediol, 3,3-dimethyl-	118	C6H14O2	059562-82-2	39
4	Butane, 1,1'-[methylenebis(oxy)]...	160	C9H20O2	002568-90-3	38
5	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

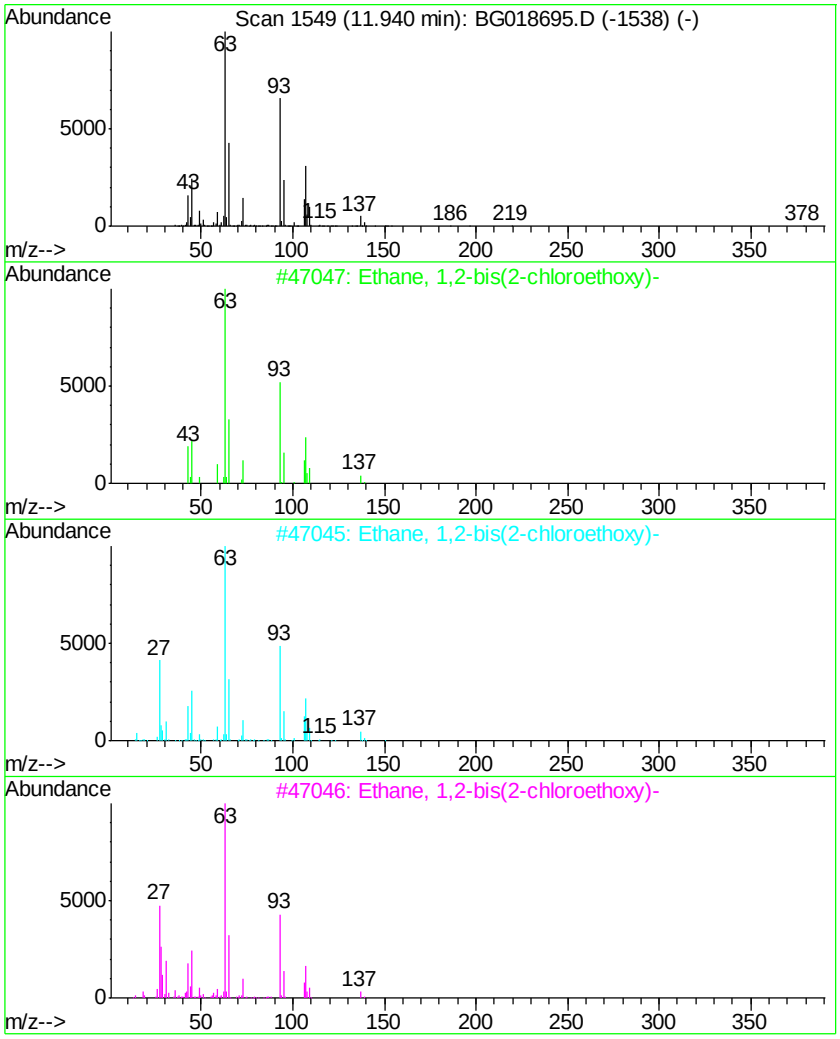
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

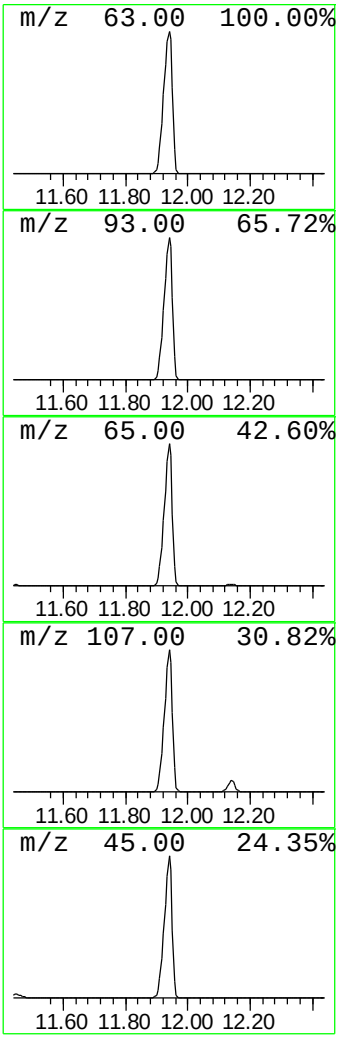
****

Peak Number 21 Ethane, 1,2-bis(2-chloroeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	293.63 ng/ul	9314650	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	83
4	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	56
5	Ethanol, 2-(2-chloroethoxy)-	124	C4H9ClO2	000628-89-7	56





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

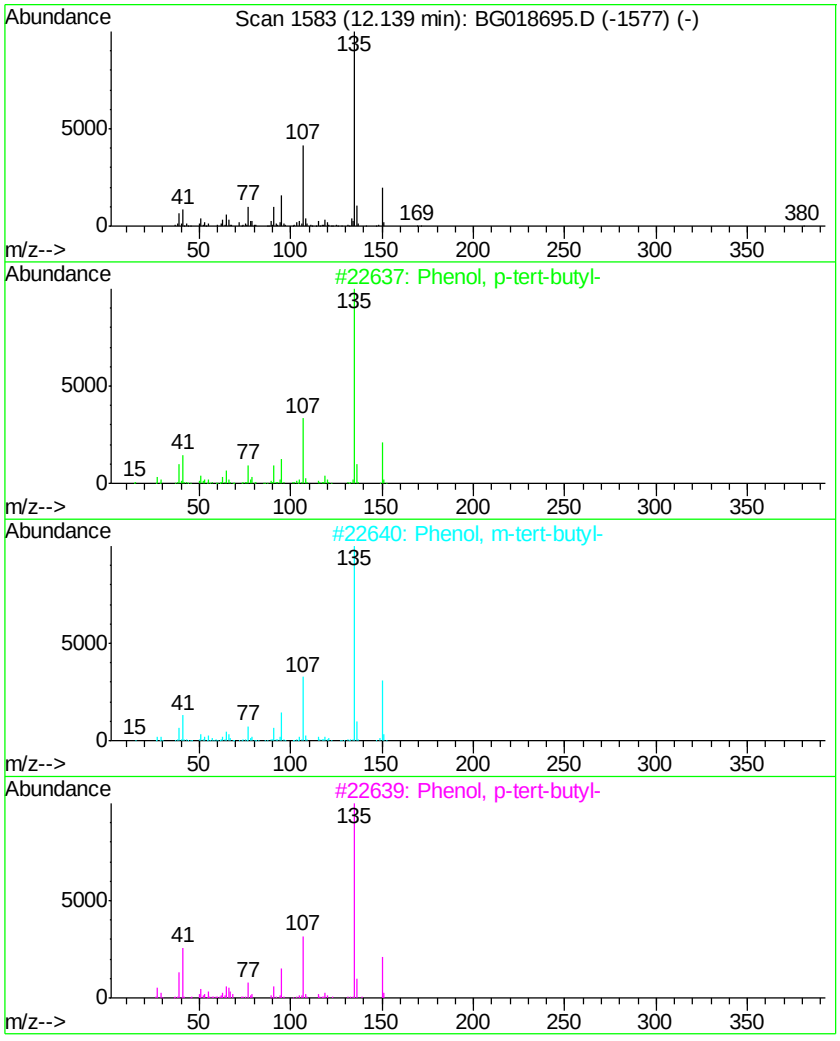
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

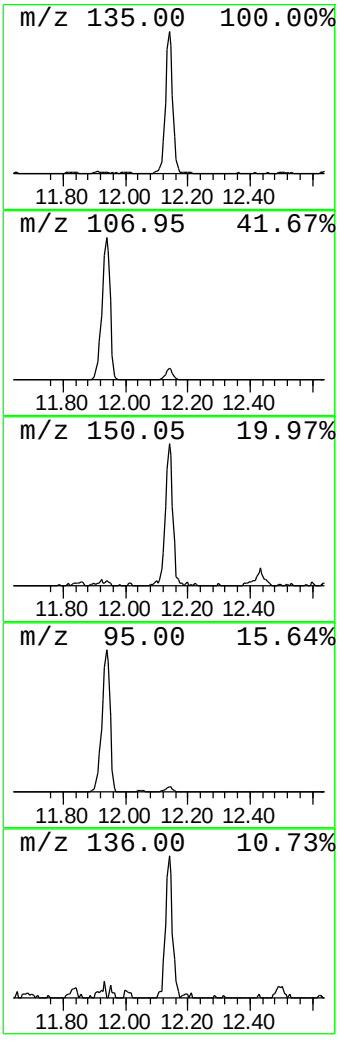
****

Peak Number 22 Phenol, p-tert-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	13.36 ng/ul	423731	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, p-tert-butyl-	150	C10H14O	000098-54-4	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

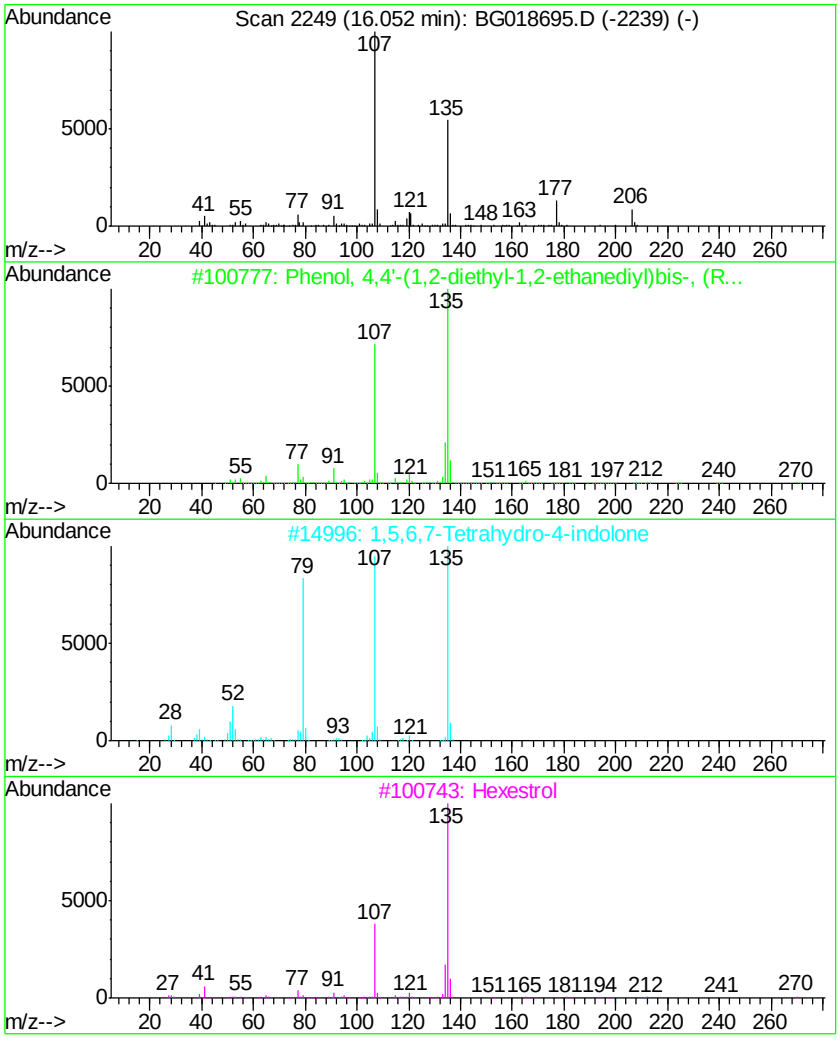
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

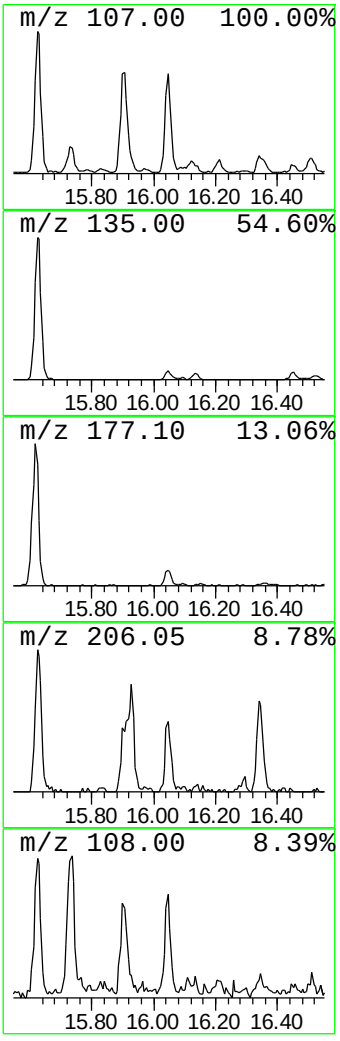
****

Peak Number 23 Phenol, 4,4'-(1,2-diethyl-1... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	3.43 ng/ul	236692	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	72
2	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	64
3	Hexestrol	270	C18H22O2	005635-50-7	50
4	Benzenepropanoic acid, 4-hydroxy-	166	C9H10O3	000501-97-3	47
5	4-(2-Methoxyethyl)phenol	152	C9H12O2	056718-71-9	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

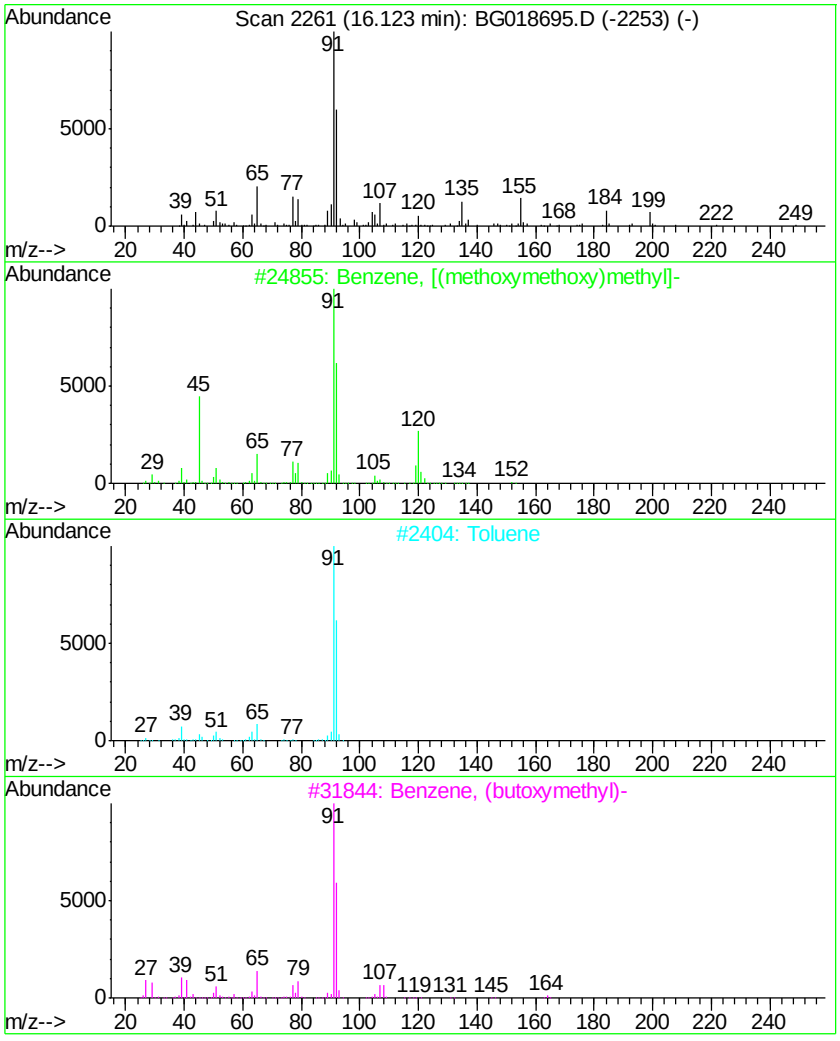
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

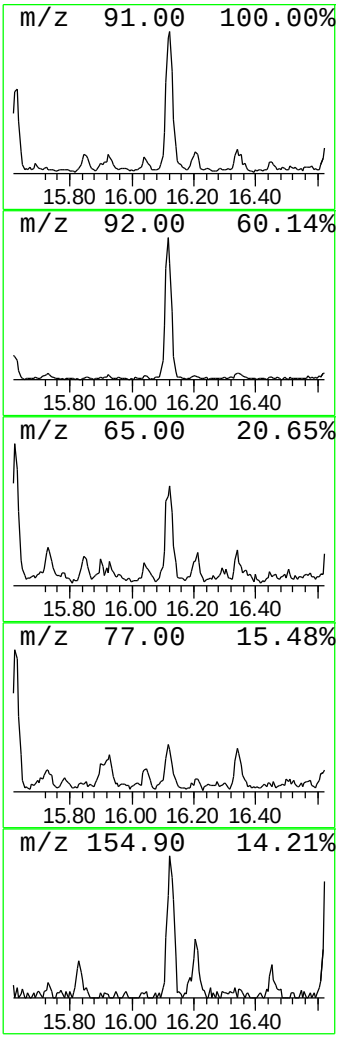
****

Peak Number 24 Benzene, [(methoxymethoxy)m... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	4.47 ng/ul	308355	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [(methoxymethoxy)methyl]-	152	C9H12O2	031600-55-2	58
2	Toluene	92	C7H8	000108-88-3	50
3	Benzene, (butoxymethyl)-	164	C11H16O	000588-67-0	50
4	Benzeneacetamide	135	C8H9NO	000103-81-1	49
5	Benzeneacetamide	135	C8H9NO	000103-81-1	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

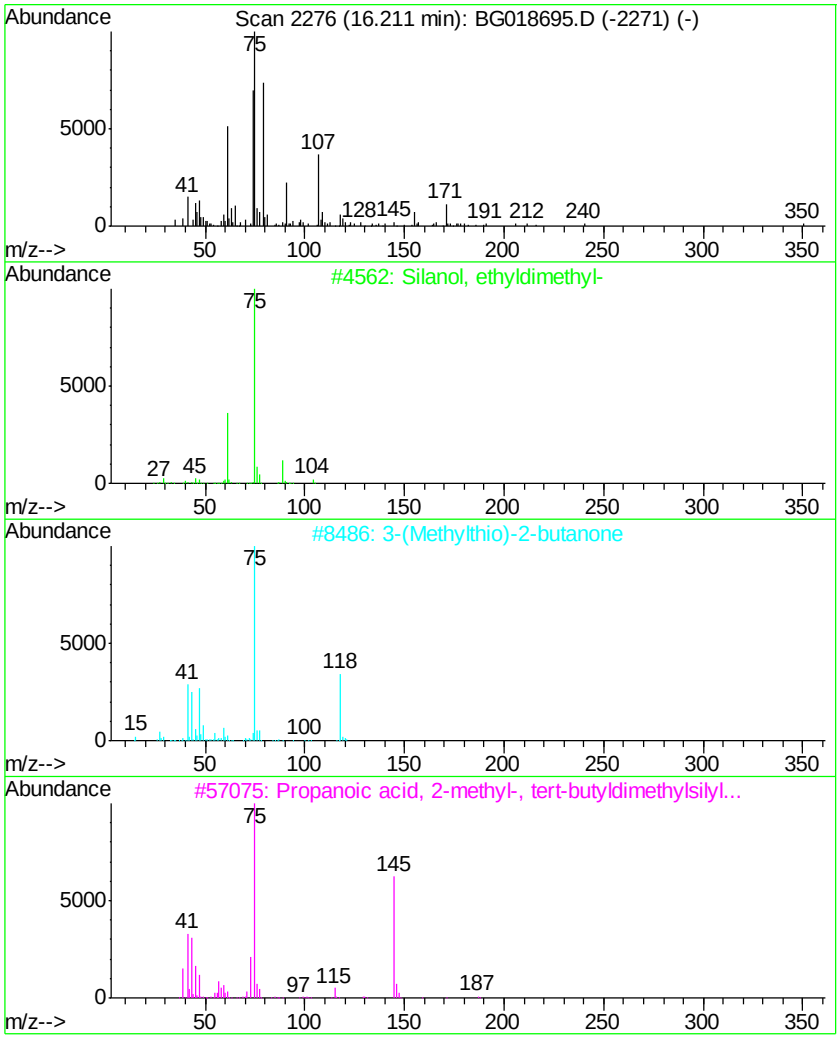
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

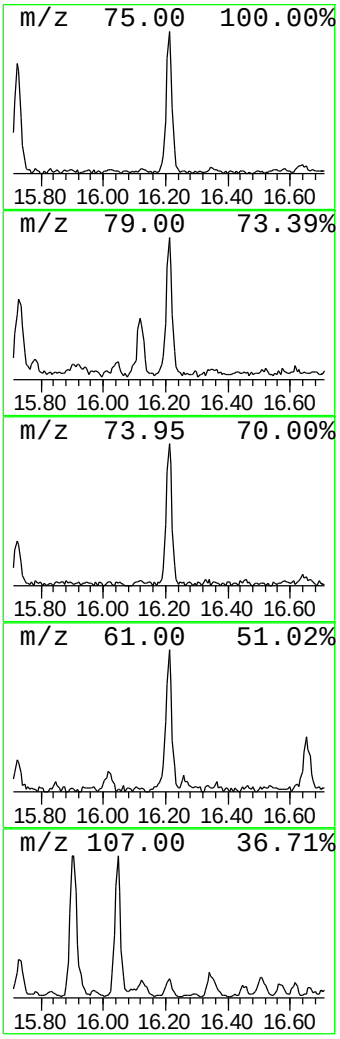
****

Peak Number 25 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	2.17 ng/ul	149950	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, ethyldimethyl-	104	C4H12OSi	005906-73-0	25
2	3-(Methylthio)-2-butanone	118	C5H10OS	053475-15-3	22
3	Propanoic acid, 2-methyl-, tert-...	202	C10H22O2Si	111864-21-2	22
4	Butane, 2-methyl-3-(methylthio)-	118	C6H14S	053897-51-1	22
5	3-(Methylthio)propanoic acid eth...	148	C6H12O2S	013327-56-5	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

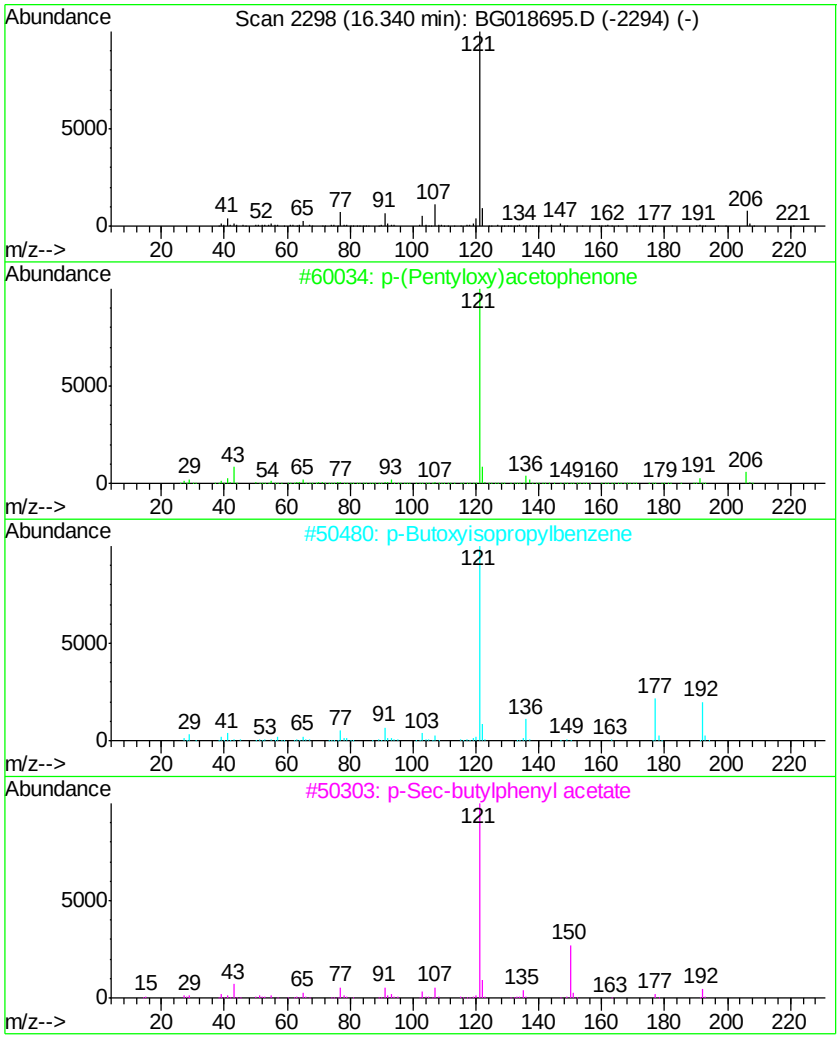
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

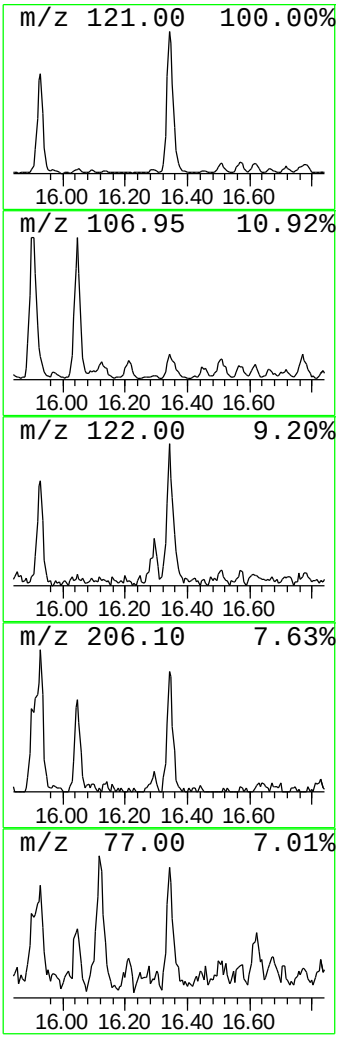
****

Peak Number 26 p-(Pentyloxy)acetophenone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.61 ng/ul	249263	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-(Pentyloxy)acetophenone	206	C13H18O2	005467-56-1	64
2	p-Butoxyisopropylbenzene	192	C13H20O	028530-37-2	50
3	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	50
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	50
5	Phenol, 2-(1-methylpropyl)-, met...	207	C12H17NO2	003766-81-2	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

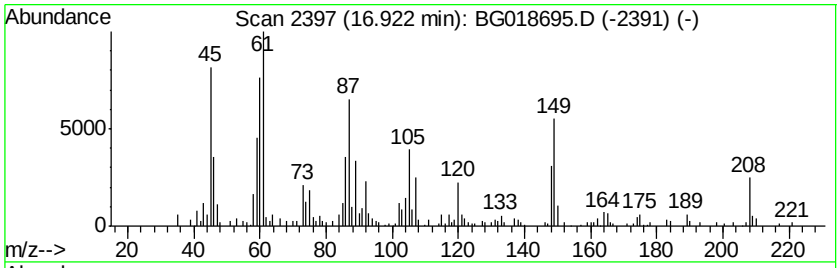
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

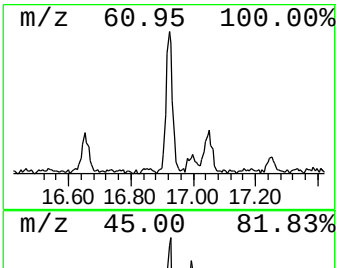
****

Peak Number 27 unknown-06 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	3.30 ng/ul	227937	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7-Oxadithionane	164	C6H12OS2	040474-73-5	47
2	Thiirane	60	C2H4S	000420-12-2	38
3	2H-1,4-Benzoxazin-3(4H)-one	149	C8H7NO2	005466-88-6	38
4	Ethylvinyl sulfide	88	C4H8S	000627-50-9	35
5	Methane, (chloromethylthio)-(met...	142	C3H7ClS2	1000226-62-2	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

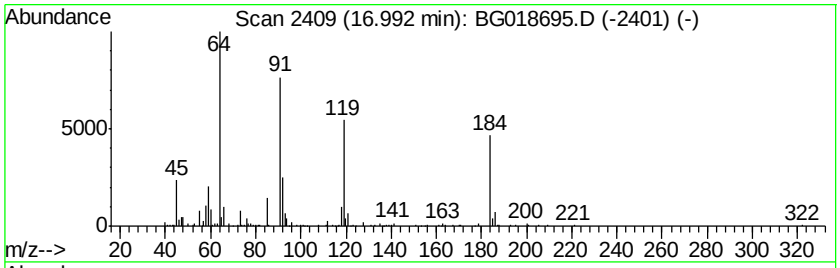
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

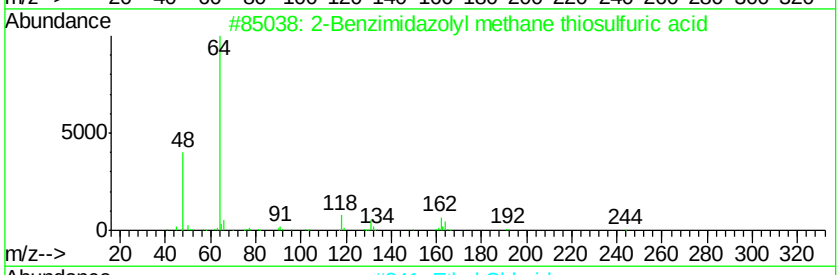
****

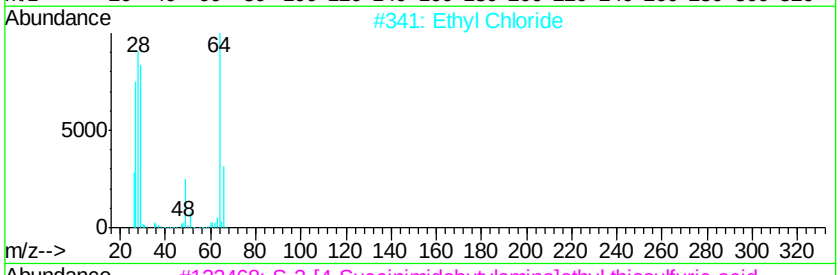
Peak Number 28 unknown-07 Concentration Rank 17

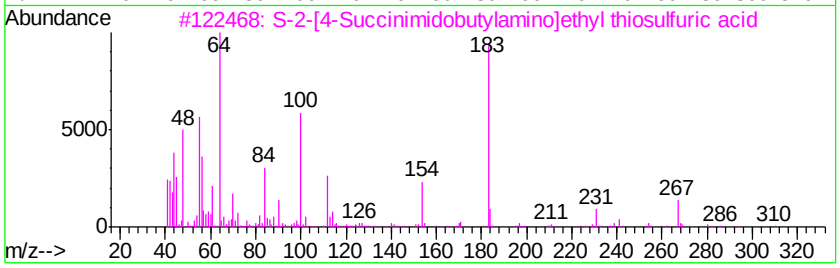
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	5.38 ng/ul	371103	Phenanthrene-d10	17.37

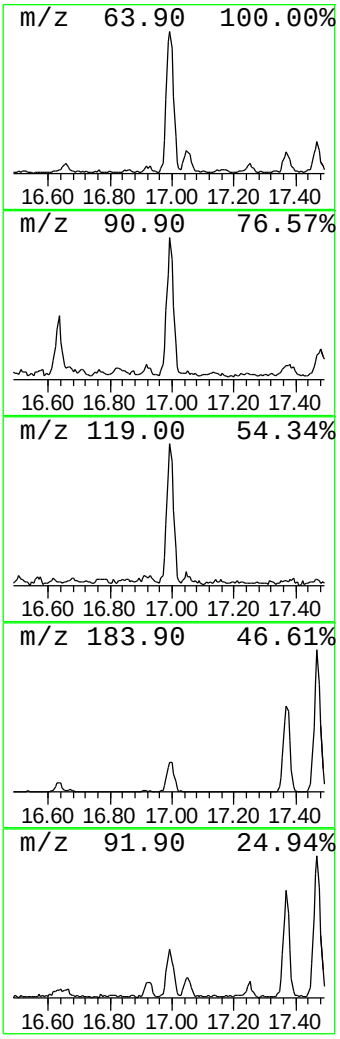
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	40
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	33
3	S-2-[4-Succinimidobutylamino]eth...	310	C10H18N2O5S2	031701-76-5	33
4	1,2-Benzisoxazole	119	C7H5NO	000271-95-4	17
5	N,N'-[trans-1,4-Cyclohexylene]-b...	394	C10H22N2O6S4	035871-63-7	14











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

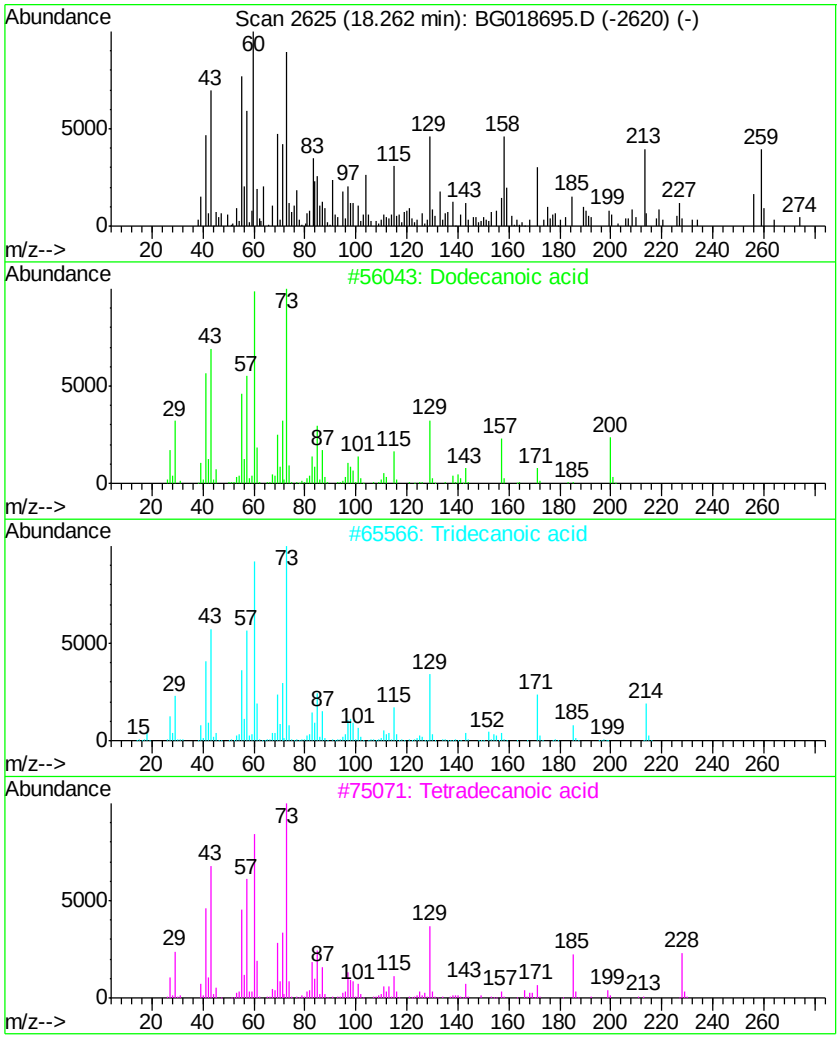
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

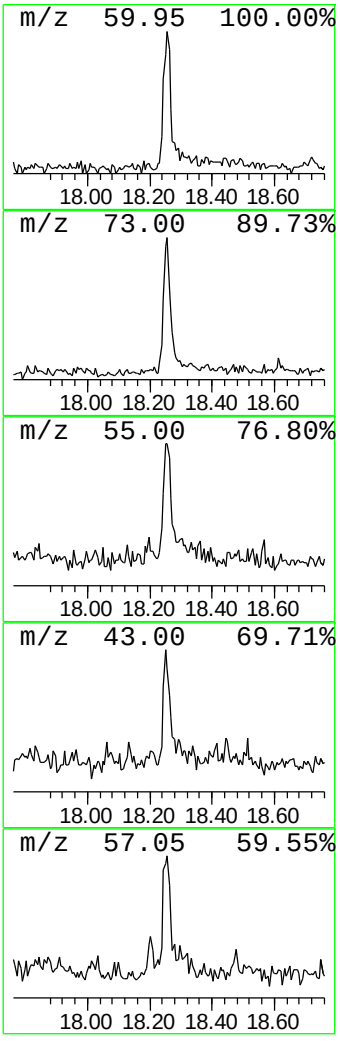
****

Peak Number 31 Dodecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.71 ng/ul	186958	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	64
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

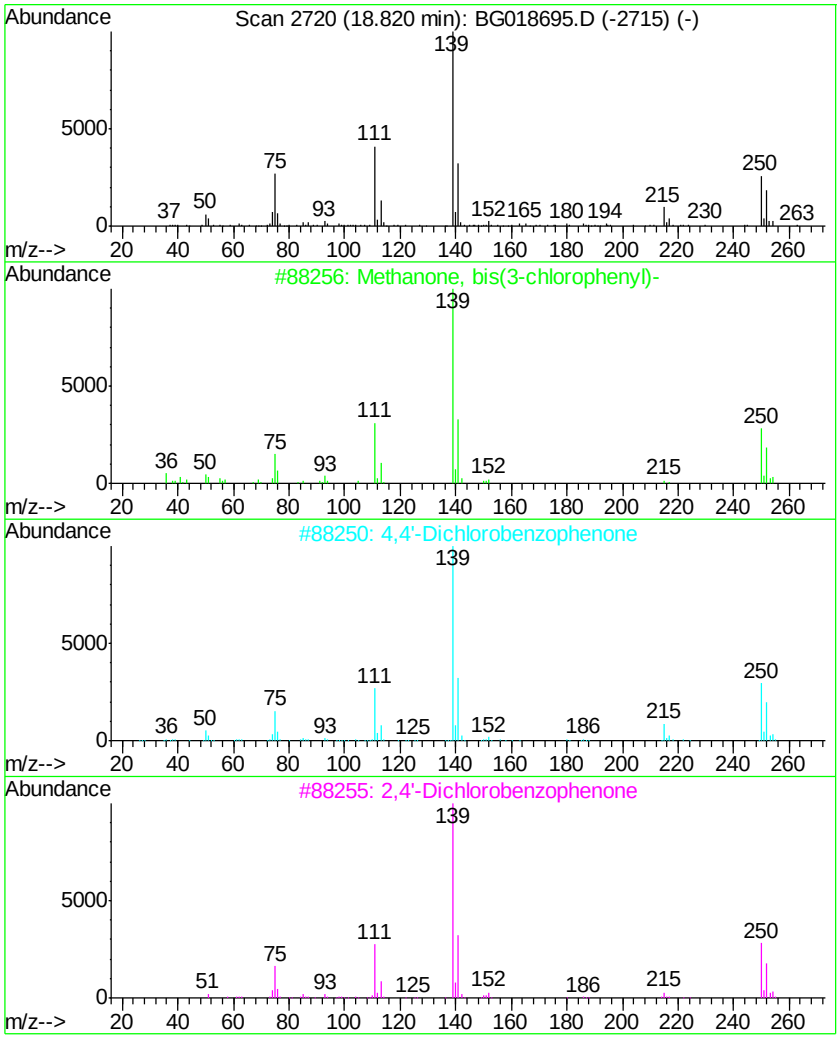
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

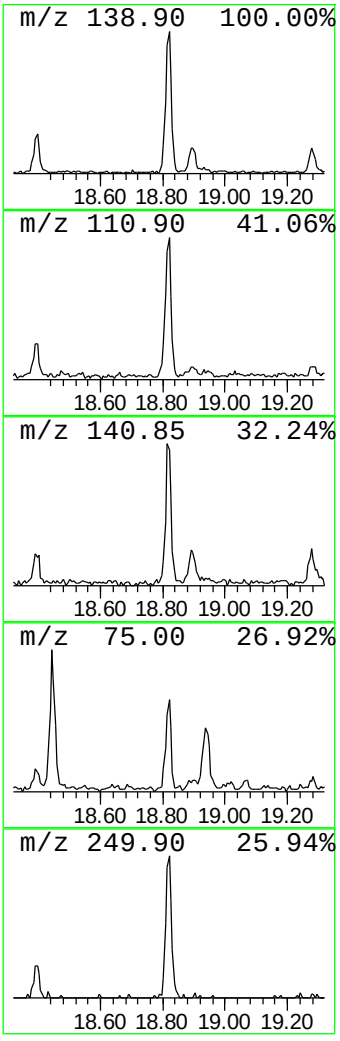
****

Peak Number 32 Methanone, bis(3-chlorophen... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.33 ng/ul	160821	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, bis(3-chlorophenyl)-	250	C13H8Cl2O	007094-34-0	98
2	4,4'-Dichlorobenzophenone	250	C13H8Cl2O	000090-98-2	98
3	2,4'-Dichlorobenzophenone	250	C13H8Cl2O	000085-29-0	96
4	4,4'-Dichlorobenzophenone	250	C13H8Cl2O	000090-98-2	94
5	4,4'-Dichlorobenzophenone	250	C13H8Cl2O	000090-98-2	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

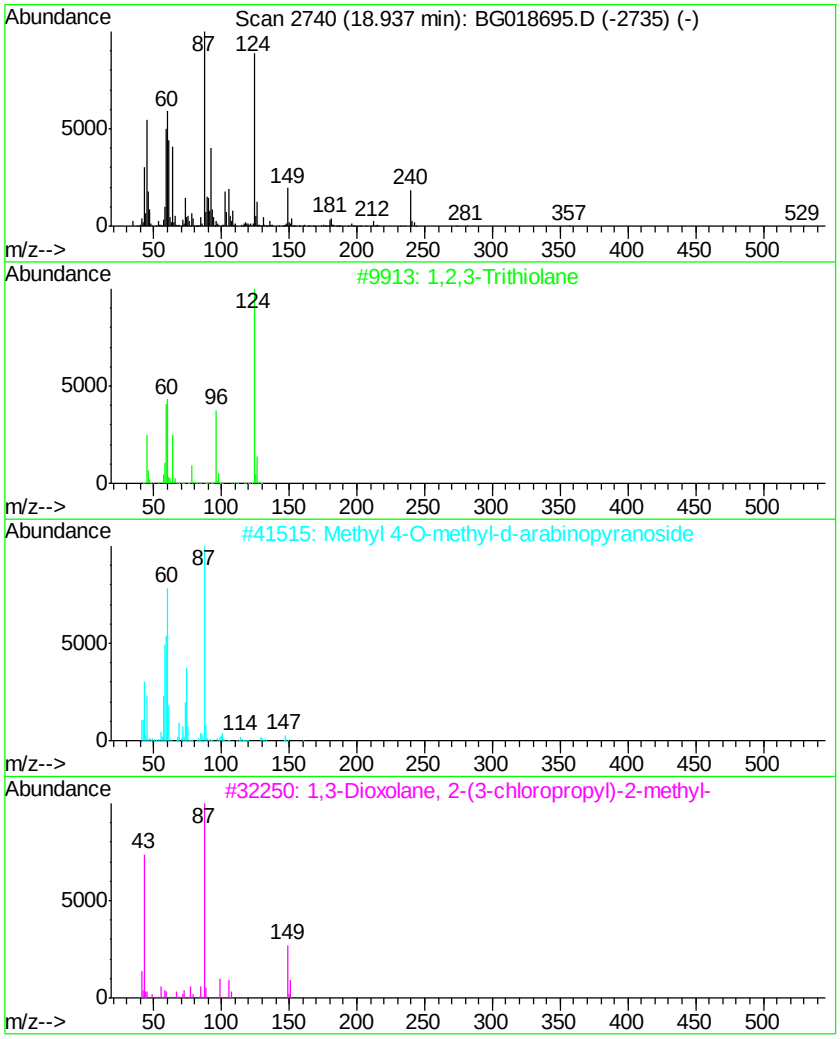
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

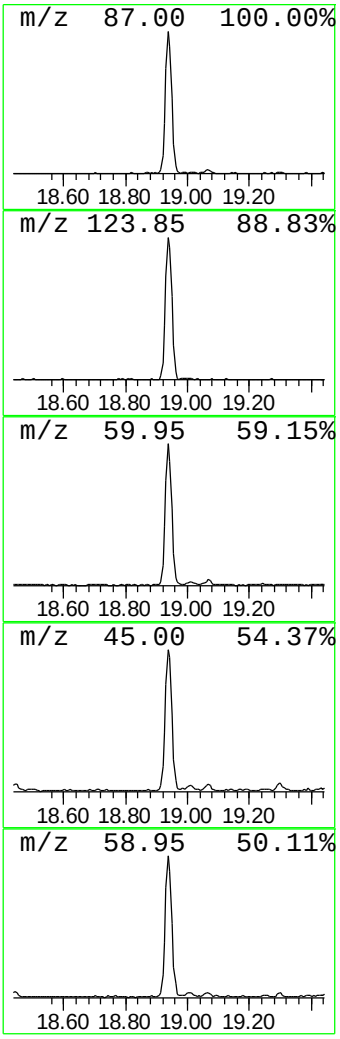
****

Peak Number 33 unknown-08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	18.18 ng/ul	1255350	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Trithiolane	124	C2H4S3	006669-39-2	22
2	Methyl 4-O-methyl-d-arabinopyran...	178	C7H14O5	1000129-79-9	10
3	1,3-Dioxolane, 2-(3-chloropropyl...	164	C7H13ClO2	005978-08-5	10
4	2-Oxazolidone	87	C3H5NO2	000497-25-6	10
5	Methyl 2-hydroxyethyl sulfoxide	108	C3H8O2S	021281-74-3	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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

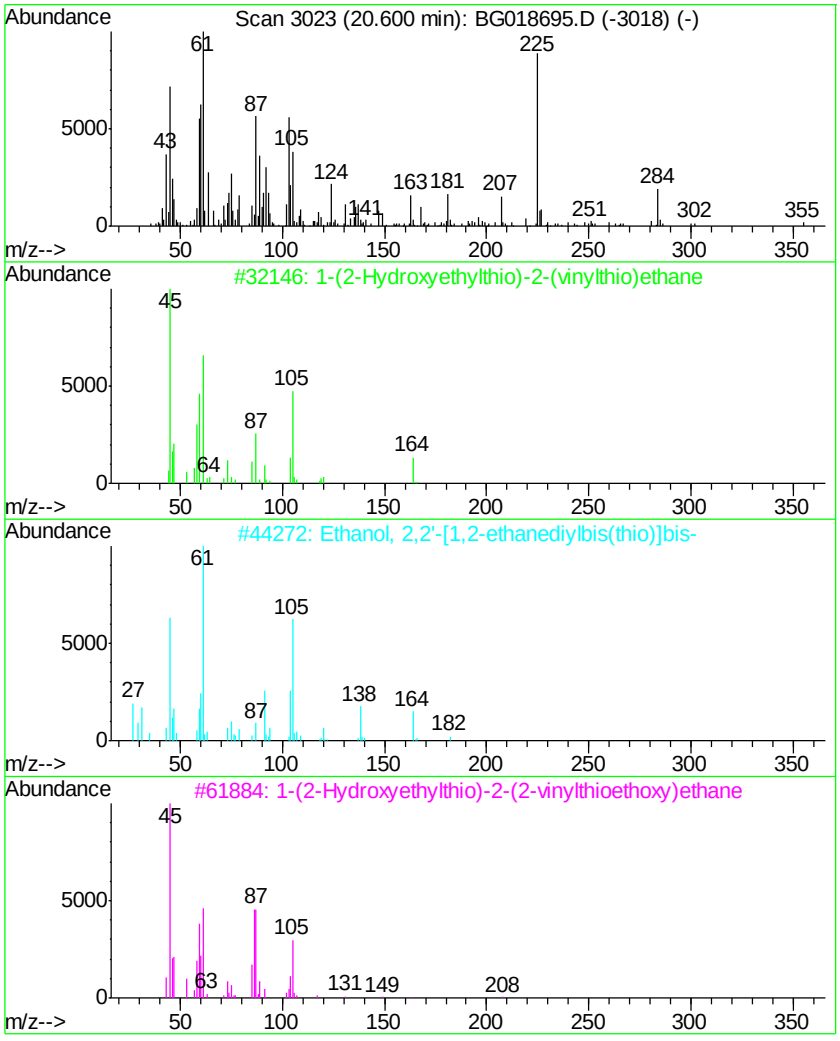
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

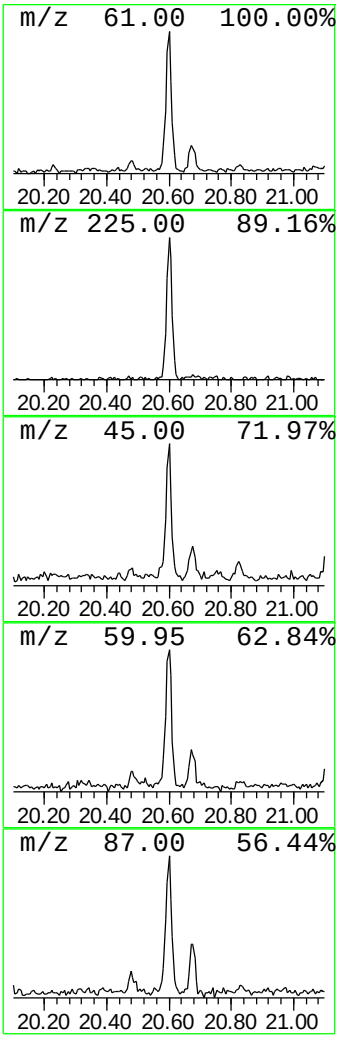
****

Peak Number 34 unknown-09 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	3.57 ng/ul	262850	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Hydroxyethylthio)-2-(vinylt...	164	C6H12OS2	114811-37-9	25
2	Ethanol, 2,2'-[1,2-ethanediylbis...	182	C6H14O2S2	005244-34-8	25
3	1-(2-Hydroxyethylthio)-2-(2-viny...	208	C8H16O2S2	114811-41-5	16
4	Silane, triethyl-	116	C6H16Si	000617-86-7	11
5	Silane, methyltripropyl-	172	C10H24Si	000995-24-4	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018695.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3641-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM8

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	62.3	ng/ul	1834610	1	8.00	588981	20.0
Butanamide, 3,3-d...	5.44	5.5	ng/ul	162160	1	8.00	588981	20.0
1,4-Oxathiane	5.93	51.7	ng/ul	1521450	1	8.00	588981	20.0
Benzene, (1-methy...	6.49	3.9	ng/ul	114443	1	8.00	588981	20.0
unknown-01	7.90	2.2	ng/ul	66112	1	8.00	588981	20.0
Indane	8.38	12.8	ng/ul	377473	1	8.00	588981	20.0
Butane, 1,1'-[met...	8.54	49.2	ng/ul	1450120	1	8.00	588981	20.0
4-Hydroxy-2-methy...	8.91	2.1	ng/ul	63019	1	8.00	588981	20.0
Benzene, 1-methyl...	9.11	3.2	ng/ul	93479	1	8.00	588981	20.0
Benzene, 1-ethyl-...	9.62	3.4	ng/ul	108733	2	10.81	634447	20.0
1H-Indene, 2,3-di...	10.05	3.2	ng/ul	102762	2	10.81	634447	20.0
unknown-02	10.09	4.7	ng/ul	148586	2	10.81	634447	20.0
3-Phenylbut-1-ene	10.20	7.8	ng/ul	245707	2	10.81	634447	20.0
(Methylthio)-acet...	10.35	8.1	ng/ul	255917	2	10.81	634447	20.0
N-(3-Chloro-2-met...	10.48	2.5	ng/ul	80828	2	10.81	634447	20.0
[1,4,5]Oxadithiepane	10.61	56.2	ng/ul	1782200	2	10.81	634447	20.0
unknown-03	11.13	9.7	ng/ul	307456	2	10.81	634447	20.0
unknown-04	11.47	12.1	ng/ul	382913	2	10.81	634447	20.0
Ethane, 1,2-bis(2...	11.94	293.6	ng/ul	9314650	2	10.81	634447	20.0
Phenol, p-tert-bu...	12.14	13.4	ng/ul	423731	2	10.81	634447	20.0
Phenol, 4,4'-(1,2...	16.05	3.4	ng/ul	236692	4	17.37	1380680	20.0
Benzene, [(methox...	16.12	4.5	ng/ul	308355	4	17.37	1380680	20.0
unknown-05	16.21	2.2	ng/ul	149950	4	17.37	1380680	20.0
p-(Pentyloxy)acet...	16.34	3.6	ng/ul	249263	4	17.37	1380680	20.0
unknown-06	16.92	3.3	ng/ul	227937	4	17.37	1380680	20.0
unknown-07	16.99	5.4	ng/ul	371103	4	17.37	1380680	20.0
Dodecanoic acid	18.26	2.7	ng/ul	186958	4	17.37	1380680	20.0
Methanone, bis(3-...	18.82	2.3	ng/ul	160821	4	17.37	1380680	20.0
unknown-08	18.94	18.2	ng/ul	1255350	4	17.37	1380680	20.0
unknown-09	20.60	3.6	ng/ul	262850	5	21.62	1472230	20.0