LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.890	6	9	15	rVB3	13815	18196	0.41%	0.100%
2	3.107	41	46	53	rBV	32056	54565	1.22%	0.300%
3	3.178	53	58	71	rVB	280819	389770	8.71%	2.144%
4	3.472	105	108	114	rBV2	13942	19650	0.44%	0.108%
5	3.524	114	117	119	rVB3	4331	4776	0.11%	0.026%
6	3.707	145	148	152	rBV4	2680	4647	0.10%	0.026%
7	4.106	210	216	221	rVV7	3203	7201	0.16%	0.040%
8	5.440	437	443	451	rBV	36489	56365	1.26%	0.310%
9	5.933	520	527	534	rBV	161872	264132	5.90%	1.453%
10	6.292	585	588	593	rVB6	4313	7481	0.17%	0.041%
11	6.474	614	619	620	rBV4	2830	4957	0.11%	0.027%
12	6.527	623	628	634	rVB4	5131	10347	0.23%	0.057%
13	7.161	730	736	745	rBV4	14782	34249	0.77%	0.188%
14	7.326	758	764	770	rBV	45658	77479	1.73%	0.426%
15	7.420	772	780	787	rBV	763874	1196522	26.73%	6.582%
16	7.537	793	800	806	rBV	46601	85539	1.91%	0.471%
17	8.002	870	879	887	rBV	219912	373180	8.34%	2.053%
18	8.425	944	951	957	rBV	772347	1258363	28.11%	6.922%
19	8.477	957	960	965	rVV2	25229	36348	0.81%	0.200%
20	8.618	977	984	993	rBV	310701	529953	11.84%	2.915%
21	8.707	993	999	1007	rVB2	41815	80833	1.81%	0.445%
22	9.159	1069	1076	1082	rBV	55435	93922	2.10%	0.517%
23	9.447	1122	1125	1129	rVB4	3425	4948	0.11%	0.027%
24	9.882	1192	1199	1208	rBV2	40422	77124	1.72%	0.424%
25	10.422	1284	1291	1298	rBV2	73153	134286	3.00%	0.739%
26	10.804	1348	1356	1364	rBV	335719	586394	13.10%	3.226%
27	11.127	1405	1411	1419	rVB2	82818	151465	3.38%	0.833%
28	11.609	1485	1493	1496	rBV5	3155	6710	0.15%	0.037%
29	11.838	1527	1532	1535	rVB4	3523	5665	0.13%	0.031%
30	11.926	1539	1547	1555	rVV	2696598	4476939	100.00%	24.626%
31	12.009	1557	1561	1564	rVB4	7287	11779	0.26%	0.065%
32	12.161	1581	1587	1592	rBV6	9878	17940	0.40%	0.099%
33	12.878	1701	1709	1718	rBV2	97865	153836	3.44%	0.846%
34	13.201	1759	1764	1768	rBV3	4530	7024	0.16%	0.039%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

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	13.936	1884	1889	1894	rVV2	15197	29591	0.66%	0.163%
36	13.989	1894	1898	1899	rVV2	12767	16388	0.37%	0.090%
37	14.030	1899	1905	1913	rVB	155825	228073	5.09%	1.255%
38	14.318	1946	1954	1962	rVB	190639	288942	6.45%	1.589%
39	14.629	1999	2007	2016	rVB2	601337	983650	21.97%	5.411%
40	14.829	2037	2041	2049	rBV6	7206	13608	0.30%	0.075%
41	15.099	2082	2087	2095	rBV	35047	48928	1.09%	0.269%
42	15.616	2169	2175	2182	rBV	262456	393312	8.79%	2.164%
43	15.728	2189	2194	2203	rBV2	35134	56630	1.26%	0.312%
44	15.857	2212	2216	2220	rVV5	3172	4928	0.11%	0.027%
45	16.116	2257	2260	2264	rBV2	4257	5300	0.12%	0.029%
46	16.198	2271	2274	2276	rBV2	4890	4934	0.11%	0.027%
47	16.509	2322	2327	2331	rBV5	4512	7896	0.18%	0.043%
48	16.921	2391	2397	2403	rBV4	33949	47392	1.06%	0.261%
49	17.050	2413	2419	2423	rBV4	9513	15059	0.34%	0.083%
50	17.150	2434	2436	2441	rVB3	4505	6413	0.14%	0.035%
51	17.367	2467	2473	2480	rVV	828937	1262074	28.19%	6.942%
52	17.432	2480	2484	2485	rVV3	7666	10958	0.24%	0.060%
53	17.467	2485	2490	2496	rVB2	284288	424778	9.49%	2.337%
54	19.300	2799	2802	2807	rVB3	17014	17873	0.40%	0.098%
55	19.647	2854	2861	2863	rBV6	7143	12025	0.27%	0.066%
56	19.753	2873	2879	2887	rVB	357767	497183	11.11%	2.735%
57	20.369	2979	2984	2986	rVB5	3789	5245	0.12%	0.029%
58	20.428	2990	2994	2998	rVB6	8359	12532	0.28%	0.069%
59	21.268	3134	3137	3139	rBV4	5029	7540	0.17%	0.041%
60	21.627	3191	3198	3206	rBV	926363	1466513	32.76%	8.067%
61	21.938	3246	3251	3256	rBV2	52596	80383	1.80%	0.442%
62	22.420	3331	3333	3336	rVB4	5287	4635	0.10%	0.025%
63	23.096	3446	3448	3450	rBV3	4903	4888	0.11%	0.027%
64	24.300	3651	3653	3655	rBV3	6057	6222	0.14%	0.034%
65	24.588	3694	3702	3714	rBV2	176809	480631	10.74%	2.644%
66	24.817	3730	3741	3751	rVB	519572	1425664	31.84%	7.842%
67	26.292	3990	3992	3995	rBV4	5031	5843	0.13%	0.032%
68	28.248	4323	4325	4326	rBV2	7805	4858	0.11%	0.027%
69	28.266	4326	4328	4330	rVB3	7677	4994	0.11%	0.027%
70	29.206	4486	4488	4490	rBV3	5786	7022	0.16%	0.039%
71	29.429	4524	4526	4528	rBV3	7330	7817	0.17%	0.043%

LSC Area Percent Report

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Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

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	29.823	4591	4593	4596	rBV4	5497	7430	0.17%	0.041%
73	30.299	4672	4674	4677	rVB4	7313	5547	0.12%	0.031%
74	31.216	4829	4830	4837	rBV7	7394	15096	0.34%	0.083%
75	32.144	4986	4988	4991	rBV4	5371	7994	0.18%	0.044%

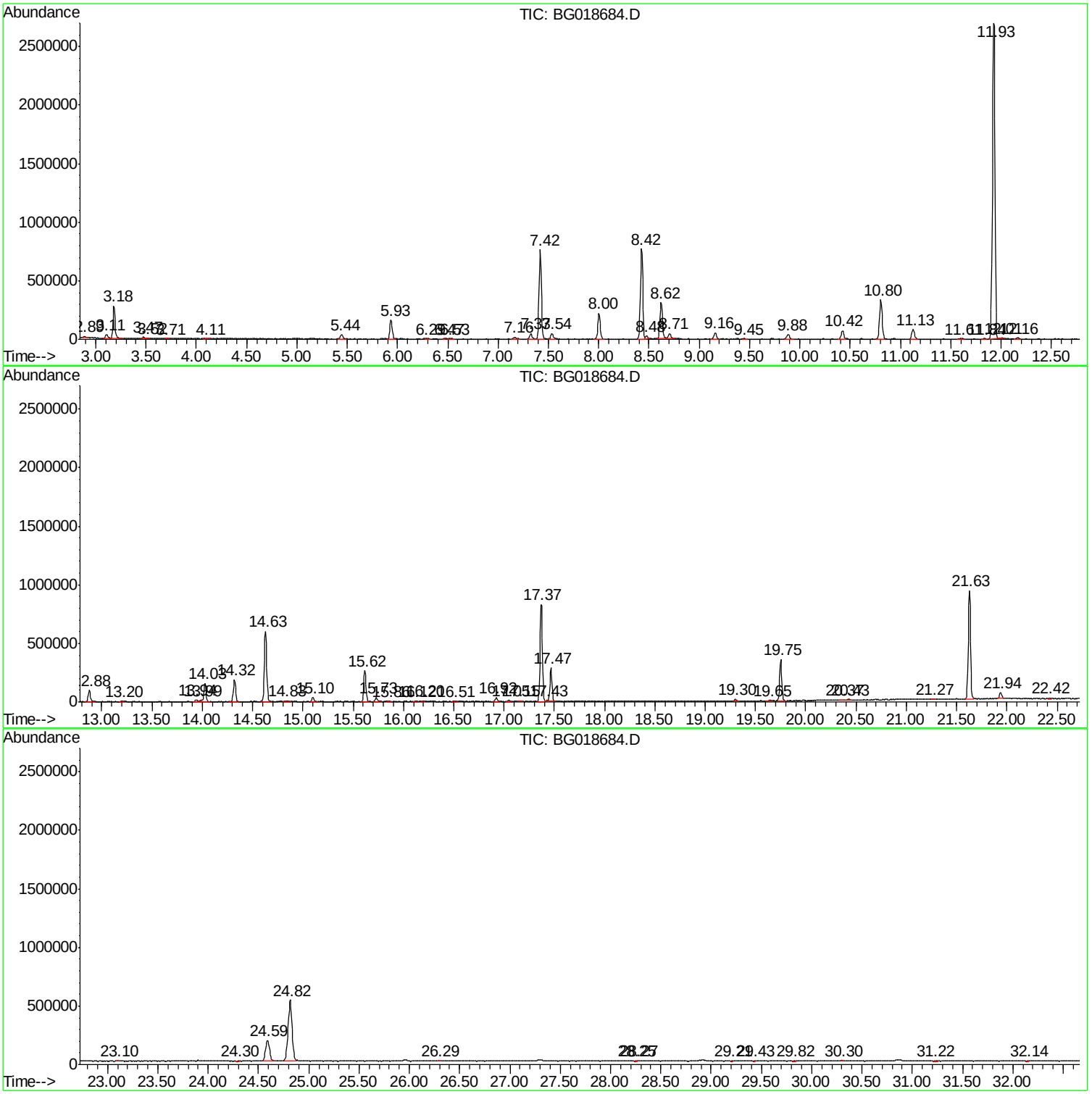
Sum of corrected areas: 18179374

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

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 : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

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

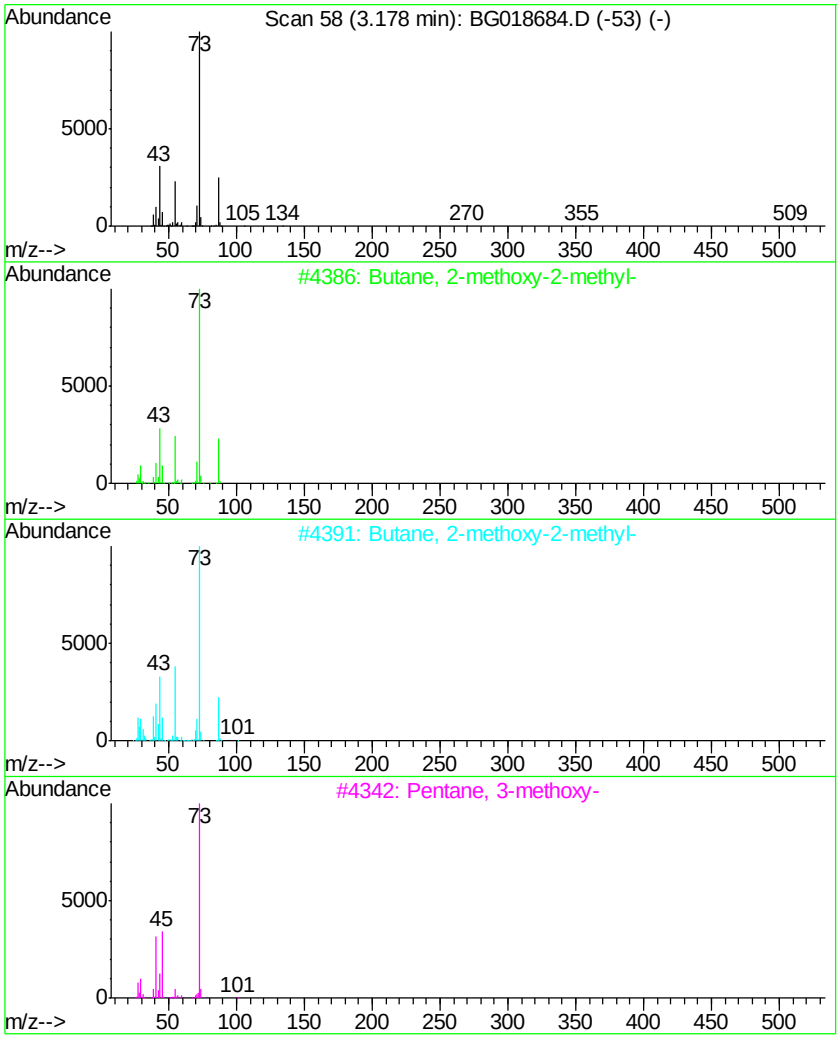
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

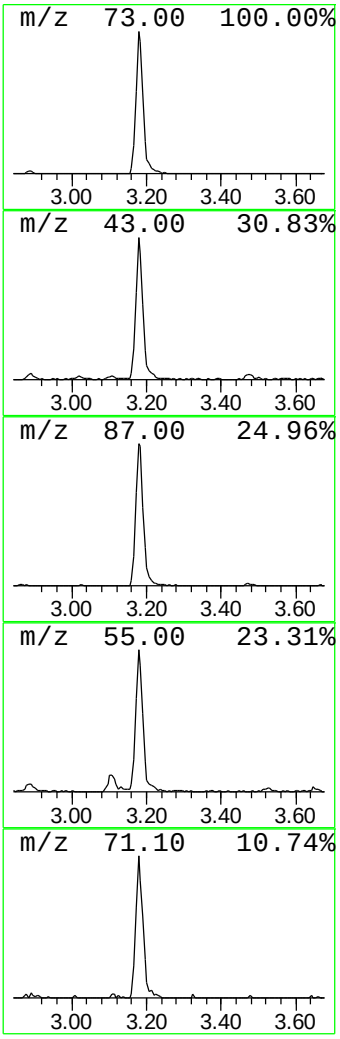
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	20.89 ng/ul	389770	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	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

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

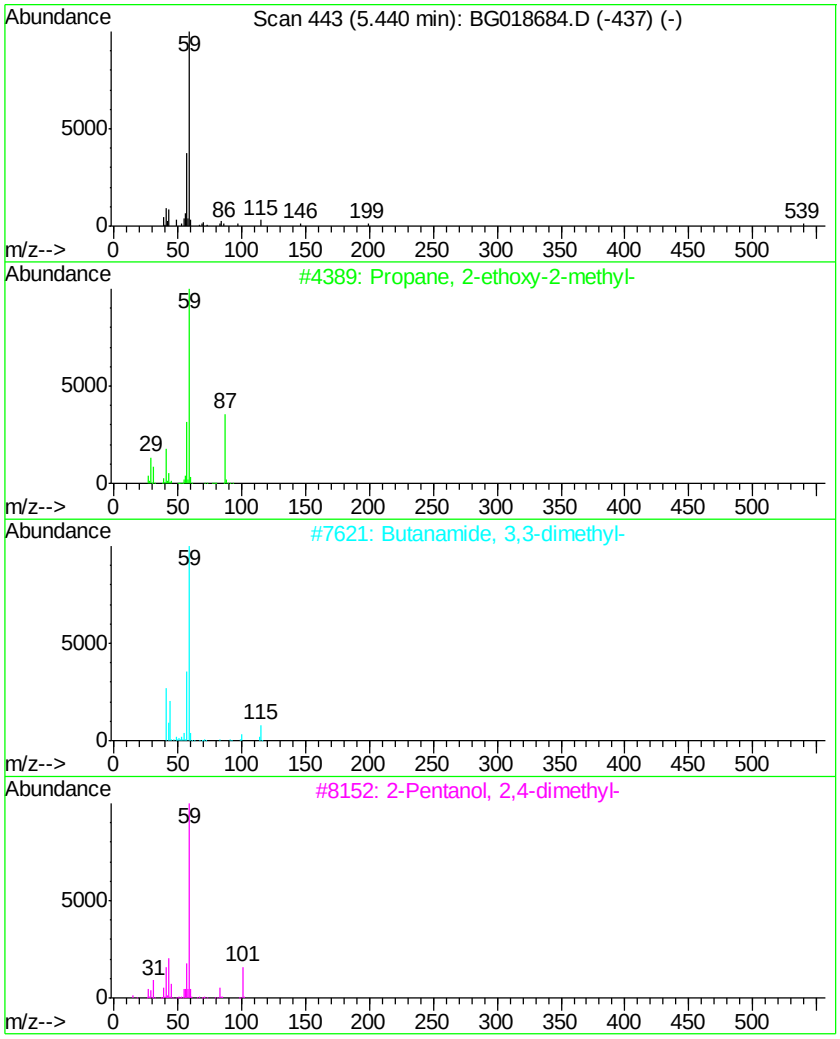
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

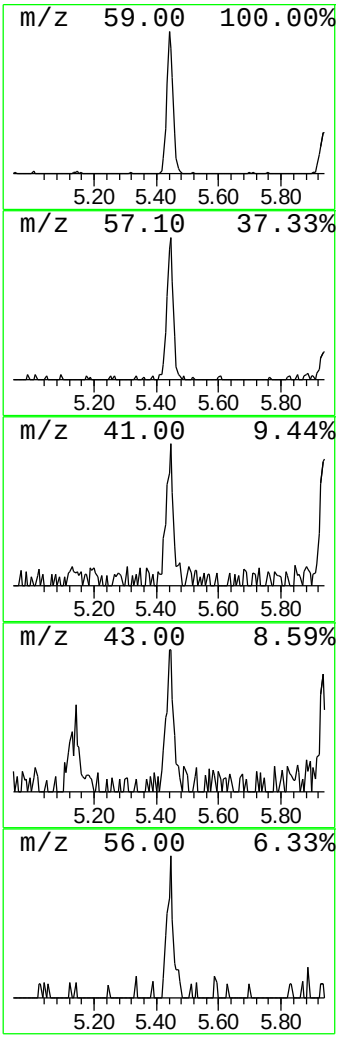
****

Peak Number 3 Propane, 2-ethoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	3.02 ng/ul	56365	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	64
2	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	50
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
4	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	50
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	39





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

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

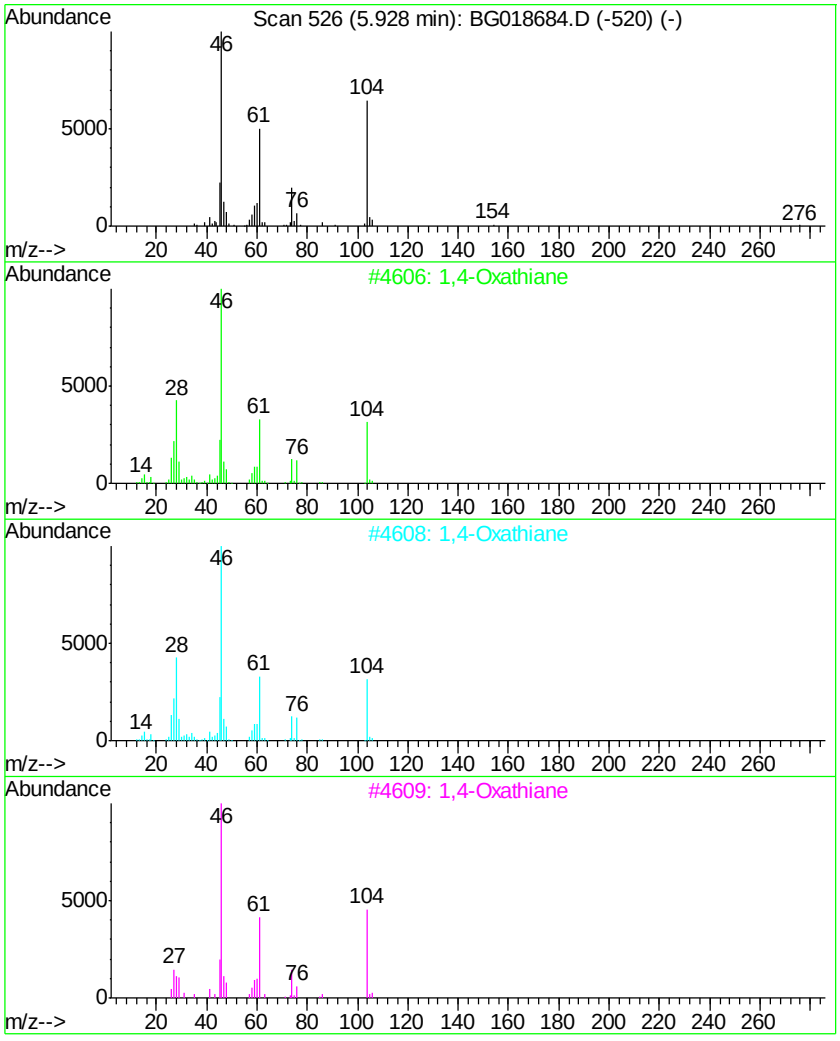
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

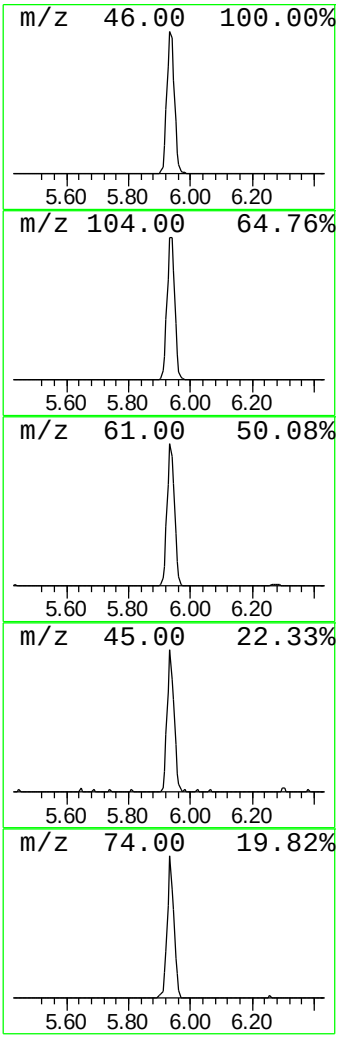
****

Peak Number 4 1,4-Oxathiane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	14.16 ng/ul	264132	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Oxathiane	104	C4H8OS	015980-15-1	94
2	1,4-Oxathiane	104	C4H8OS	015980-15-1	94
3	1,4-Oxathiane	104	C4H8OS	015980-15-1	59
4	1,3,6-Dioxathiocane	134	C5H10O2S	002094-92-0	56
5	Thietane	74	C3H6S	000287-27-4	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

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

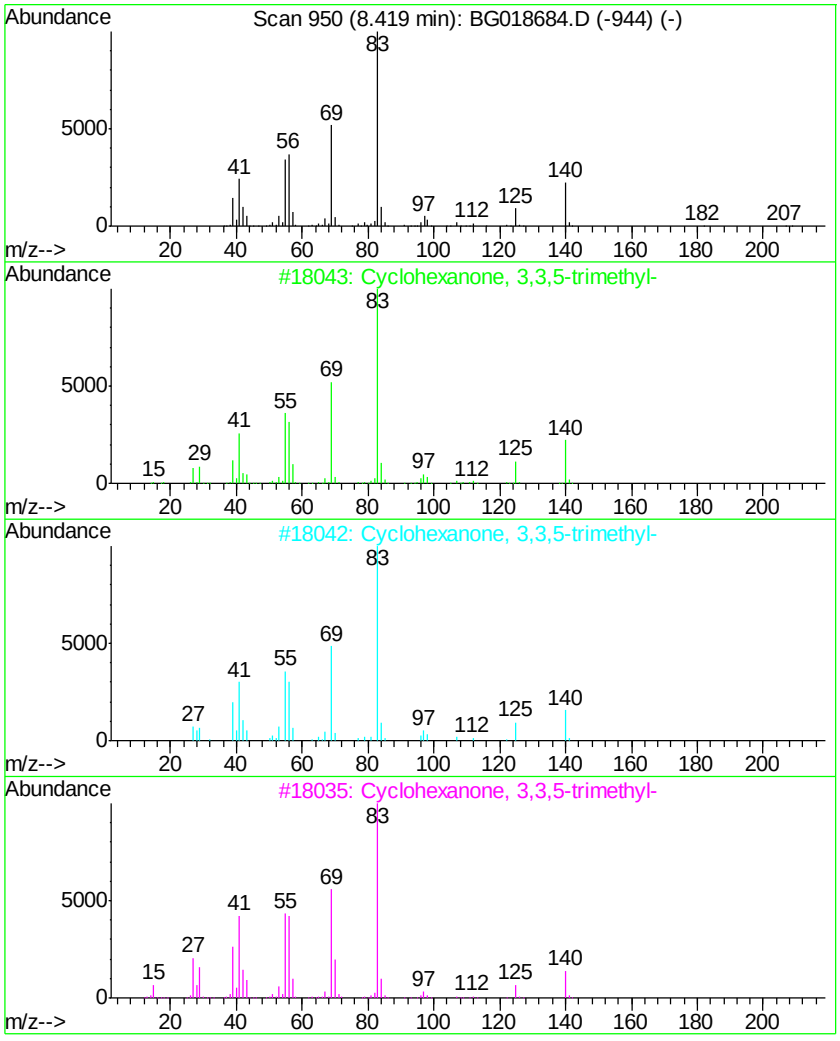
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

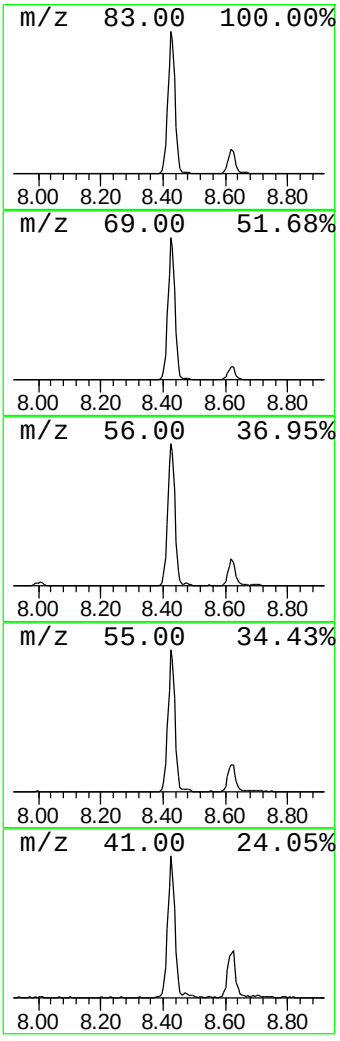
****

Peak Number 5 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	67.44 ng/ul	1258360	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	94
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	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\BG091515\
Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

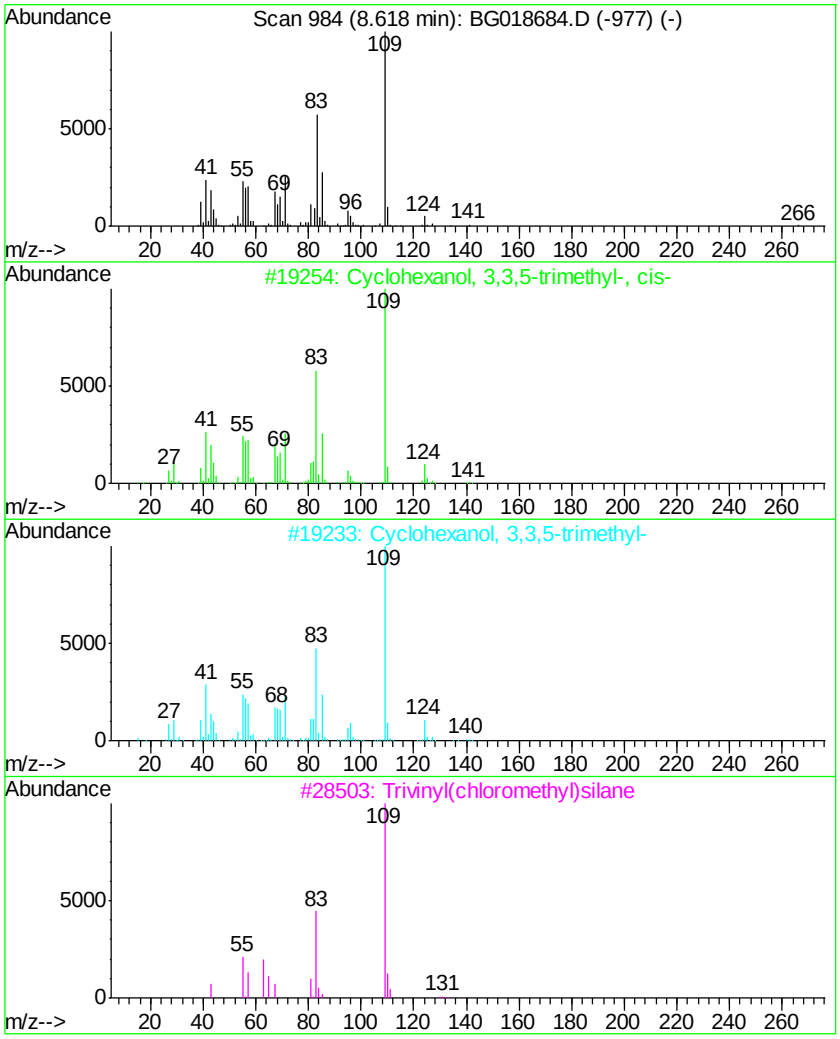
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

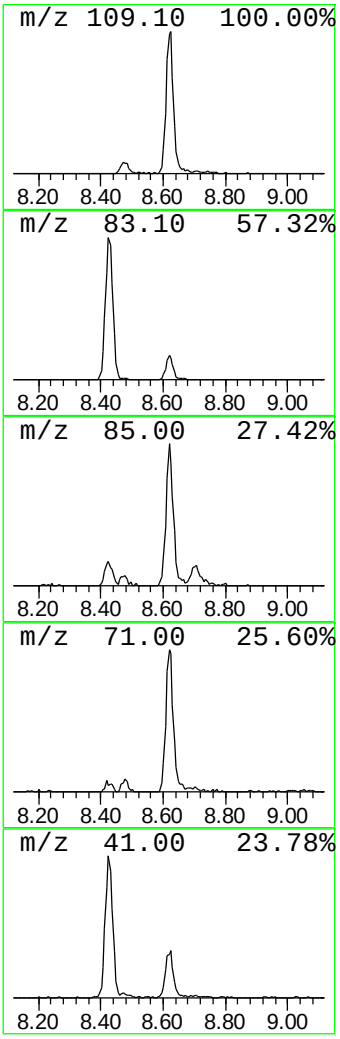
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	28.40 ng/ul	529953	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	91
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	74
3	Trivinyl(chloromethyl)silane	158	C7H11ClSi	025202-05-5	50
4	Allyltrivinylsilane	150	C9H14Si	115946-69-5	50
5	Trivinyl(chloromethyl)silane	158	C7H11ClSi	025202-05-5	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

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

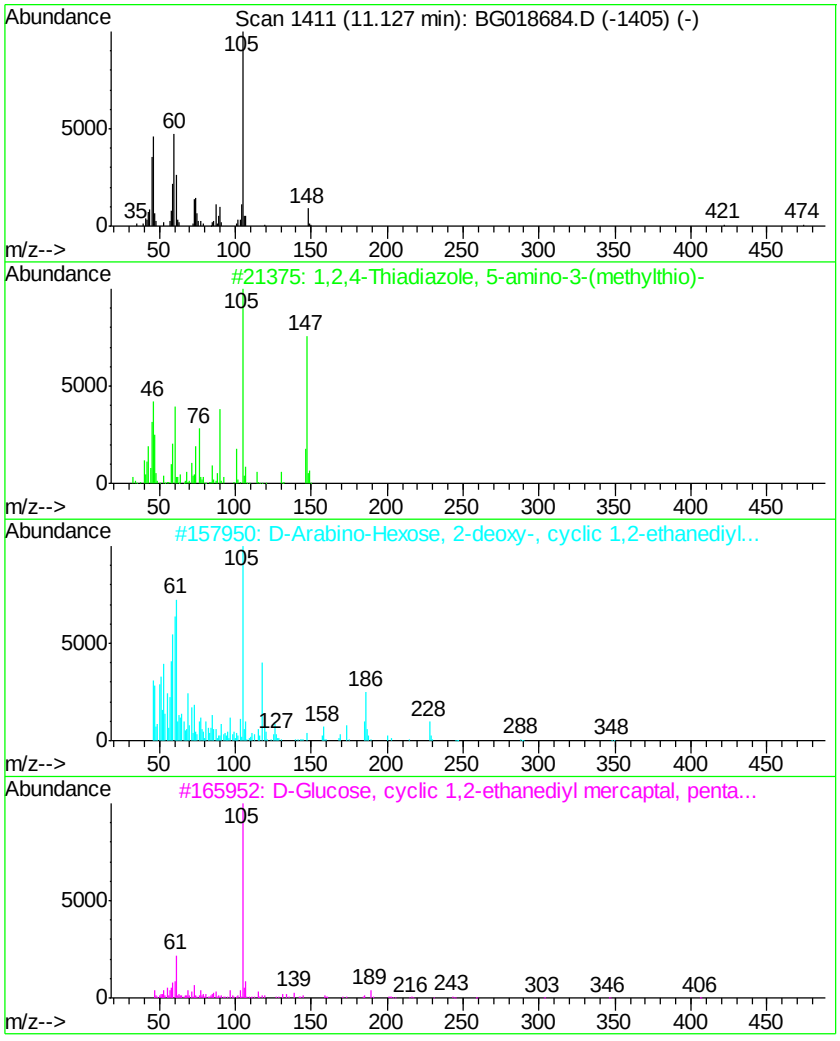
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

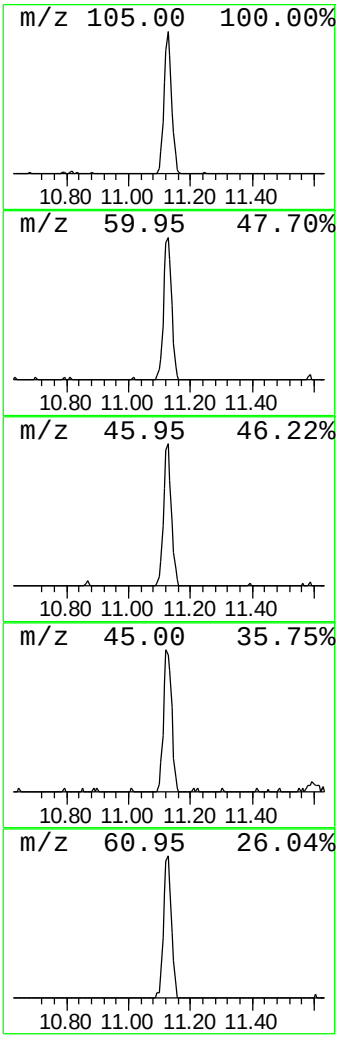
****

Peak Number 7 unknown11.13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	5.17 ng/ul	151465	Naphthalene-d8	10.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Thiadiazole, 5-amino-3-(me...	147	C3H5N3S2	006913-13-9	23
2	D-Arabino-Hexose, 2-deoxy-, cycl...	408	C16H24O8S2	055955-82-3	17
3	D-Glucose, cyclic 1,2-ethanediyl...	466	C18H26O10S2	017429-98-0	16
4	Acetic acid, hydroxy-, methyl ester	90	C3H6O3	000096-35-5	9
5	Formic acid	46	CH2O2	000064-18-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

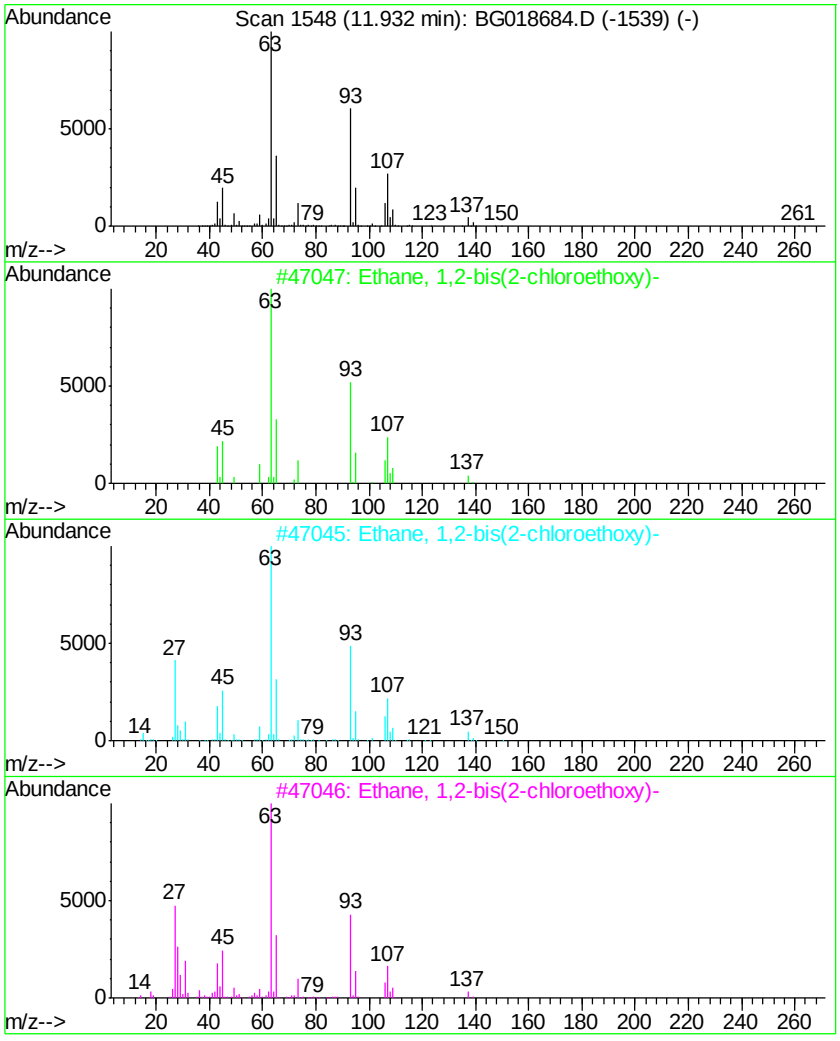
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

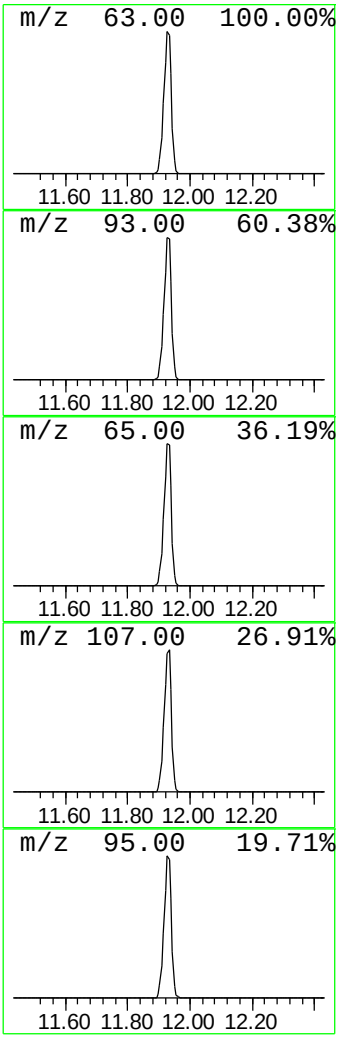
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	152.69 ng/ul	4476940	Naphthalene-d8	10.80

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	90
4	Ethanol, 2-(2-chloroethoxy)-	124	C4H9ClO2	000628-89-7	64
5	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018684.D
Acq On : 15 Sep 2015 15:53
Operator : UM/IZ
Sample : G3641-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AL9DL

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	20.9	ng/ul	389770	1	8.00	373180	20.0
Propane, 2-ethoxy...	5.44	3.0	ng/ul	56365	1	8.00	373180	20.0
1,4-Oxathiane	5.93	14.2	ng/ul	264132	1	8.00	373180	20.0
Cyclohexanone, 3,...	8.42	67.4	ng/ul	1258360	1	8.00	373180	20.0
Cyclohexanol, 3,3...	8.62	28.4	ng/ul	529953	1	8.00	373180	20.0
unknown11.13	11.13	5.2	ng/ul	151465	2	10.80	586394	20.0
Ethane, 1,2-bis(2...	11.93	152.7	ng/ul	4476940	2	10.80	586394	20.0