LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019661.D
Acq On : 17 Nov 2015 15:03
Operator : UM/NP
Sample : G4308-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KJ8

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-BG111615.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	2.939	11	17	38	rBV2	10209548	23507211	100.00%	40.961%
2	3.086	38	42	50	rVV	54451	99231	0.42%	0.173%
3	3.162	50	55	71	rVB	559208	811755	3.45%	1.414%
4	7.292	752	758	771	rVB2	139881	357612	1.52%	0.623%
5	7.463	781	787	796	rVV	100862	162813	0.69%	0.284%
6	7.557	796	803	813	rVB	164883	258625	1.10%	0.451%
7	7.674	814	823	831	rBB	128396	209061	0.89%	0.364%
8	8.150	892	904	912	rVB	90618	150108	0.64%	0.262%
9	8.591	971	979	990	rVB	316745	515727	2.19%	0.899%
10	8.855	1018	1024	1029	rBV	176097	294272	1.25%	0.513%
11	8.914	1029	1034	1038	rVV	325031	546912	2.33%	0.953%
12	8.961	1038	1042	1048	rVB	203696	341217	1.45%	0.595%
13	9.243	1083	1090	1097	rBV	137015	236596	1.01%	0.412%
14	9.319	1097	1103	1110	rVB	127202	223166	0.95%	0.389%
15	9.884	1192	1199	1208	rVB	226075	391385	1.66%	0.682%
16	10.048	1221	1227	1235	rVB2	113418	195051	0.83%	0.340%
17	10.136	1235	1242	1252	rBV	271436	455947	1.94%	0.794%
18	10.371	1275	1282	1291	rBV	196941	311967	1.33%	0.544%
19	10.594	1312	1320	1334	rVB2	186755	452644	1.93%	0.789%
20	10.976	1376	1385	1390	rBV	124865	230635	0.98%	0.402%
21	11.029	1390	1394	1402	rVB	148070	246312	1.05%	0.429%
22	11.106	1402	1407	1413	rBV	27448	46061	0.20%	0.080%
23	11.305	1434	1441	1451	rVB	349056	593201	2.52%	1.034%
24	11.881	1529	1539	1559	rVB	99288	265750	1.13%	0.463%
25	12.480	1634	1641	1650	rBV	328095	538982	2.29%	0.939%
26	12.845	1696	1703	1712	rVB	382490	612699	2.61%	1.068%
27	12.986	1717	1727	1735	rVB2	358172	843026	3.59%	1.469%
28	13.297	1774	1780	1788	rBV	290579	455719	1.94%	0.794%
29	13.667	1837	1843	1854	rVB	183856	278404	1.18%	0.485%
30	14.178	1923	1930	1934	rBV	385634	548809	2.33%	0.956%
31	14.225	1934	1938	1947	rVB	224966	311290	1.32%	0.542%
32	14.478	1975	1981	1984	rBV	366206	597547	2.54%	1.041%
33	14.508	1984	1986	1993	rVB	248424	332073	1.41%	0.579%
34	14.684	2011	2016	2024	rBV	45199	67431	0.29%	0.117%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019661.D
Acq On : 17 Nov 2015 15:03
Operator : UM/NP
Sample : G4308-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KJ8

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-BG111615.M
Title : SVOA CALIBRATION

35	14.784	2027	2033	2039	rVV2	238470	381729	1.62%	0.665%
36	14.848	2039	2044	2048	rVV	406887	624672	2.66%	1.088%
37	14.889	2048	2051	2059	rVV	212298	305280	1.30%	0.532%
38	14.972	2059	2065	2075	rVV	215248	329373	1.40%	0.574%
39	15.072	2075	2082	2094	rVV	682520	1020990	4.34%	1.779%
40	15.183	2094	2101	2107	rVB	223892	345632	1.47%	0.602%
41	15.630	2170	2177	2183	rBV	69434	99097	0.42%	0.173%
42	15.771	2193	2201	2205	rBV	533656	817181	3.48%	1.424%
43	15.818	2205	2209	2211	rVV	443379	703108	2.99%	1.225%
44	15.847	2211	2214	2218	rVV	392723	631373	2.69%	1.100%
45	15.900	2218	2223	2232	rVB3	559191	991715	4.22%	1.728%
46	17.175	2433	2440	2456	rBV	758891	1151931	4.90%	2.007%
47	17.398	2473	2478	2482	rBV2	26001	34516	0.15%	0.060%
48	17.528	2493	2500	2507	rBV	375332	571369	2.43%	0.996%
49	17.622	2510	2516	2519	rBV2	618097	968562	4.12%	1.688%
50	17.657	2519	2522	2529	rVB	591215	856827	3.64%	1.493%
51	17.927	2559	2568	2575	rBV	602167	893539	3.80%	1.557%
52	18.462	2653	2659	2665	rVB2	18917	24718	0.11%	0.043%
53	18.720	2700	2703	2708	rVB2	27178	33463	0.14%	0.058%
54	18.926	2733	2738	2744	rVB2	17650	25732	0.11%	0.045%
55	19.566	2837	2847	2855	rVB	474574	675997	2.88%	1.178%
56	19.895	2896	2903	2911	rBV	891119	1259208	5.36%	2.194%
57	20.788	3049	3055	3060	rBV	492103	601824	2.56%	1.049%
58	21.658	3196	3203	3210	rBV	469739	646666	2.75%	1.127%
59	21.793	3216	3226	3230	rBV	478442	805391	3.43%	1.403%
60	21.840	3230	3234	3241	rVB	768472	1247769	5.31%	2.174%
61	22.845	3398	3405	3411	rVB2	68073	126922	0.54%	0.221%
62	23.297	3477	3482	3488	rVB2	12987	23903	0.10%	0.042%
63	24.120	3611	3622	3633	rBV	611426	1496750	6.37%	2.608%
64	24.884	3741	3752	3759	rBV	436142	1292416	5.50%	2.252%
65	24.960	3759	3765	3777	rVV	523768	1415891	6.02%	2.467%
66	25.113	3781	3791	3801	rVB3	263936	772359	3.29%	1.346%
67	26.270	3982	3988	3995	rVB7	13545	36779	0.16%	0.064%
68	27.669	4214	4226	4239	rBV9	18001	70095	0.30%	0.122%
69	28.908	4421	4437	4452	rBV	145893	617036	2.62%	1.075%

Sum of corrected areas: 57389052

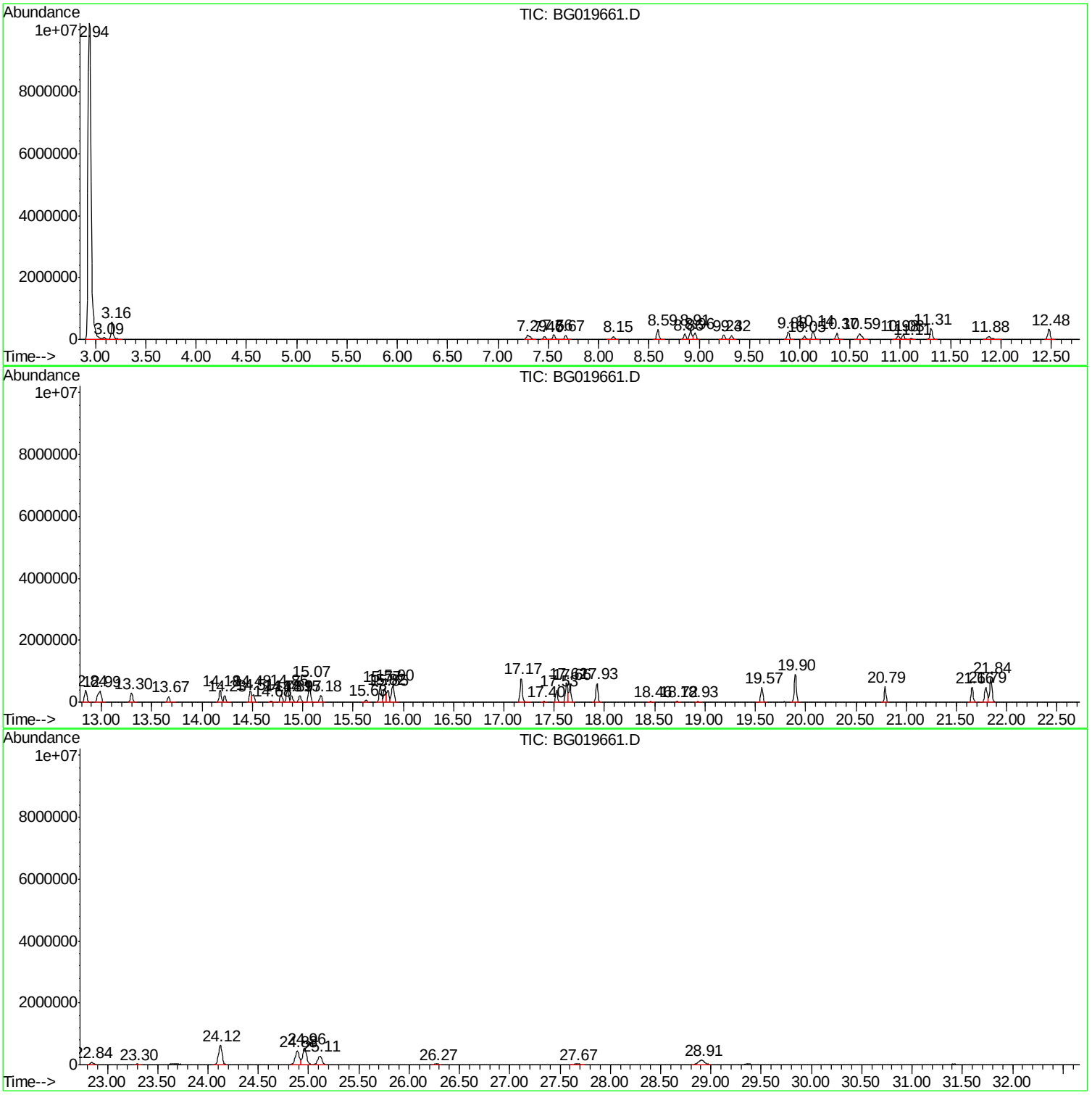
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019661.D
Acq On : 17 Nov 2015 15:03
Operator : UM/NP
Sample : G4308-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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\BG111715\
Data File : BG019661.D
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Operator : UM/NP
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Quant Title : SVOA CALIBRATION

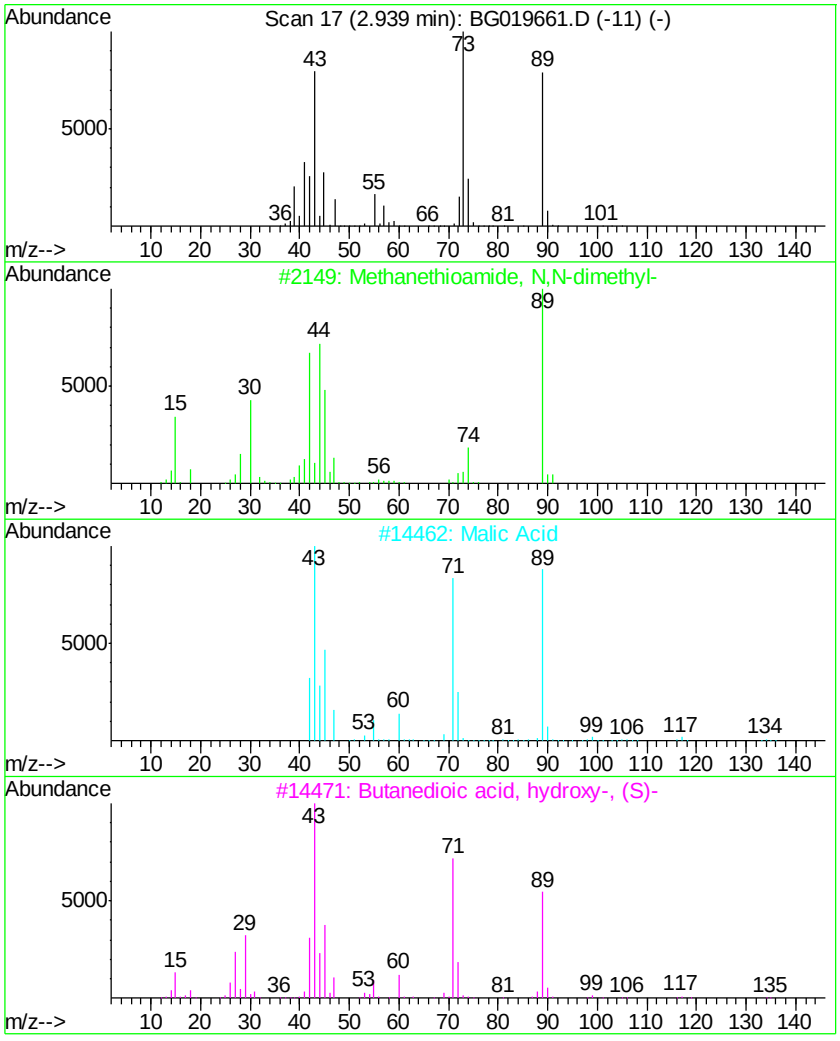
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

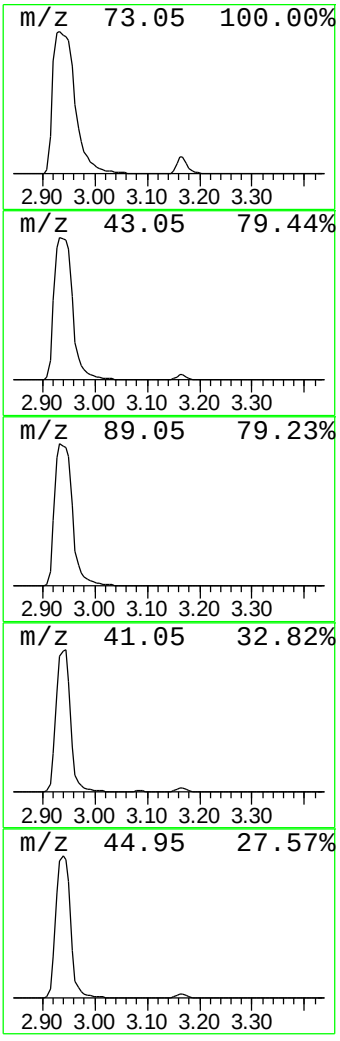
****

Peak Number 1 Methanethioamide, N,N-dimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	3132.04 ng/ul	23507200	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	72
2	Malic Acid	134	C4H6O5	006915-15-7	72
3	Butanedioic acid, hydroxy-, (S)-	134	C4H6O5	000097-67-6	56
4	dl-Malic disodium salt	134	C4H6O5	000617-48-1	56
5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019661.D
Acq On : 17 Nov 2015 15:03
Operator : UM/NP
Sample : G4308-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

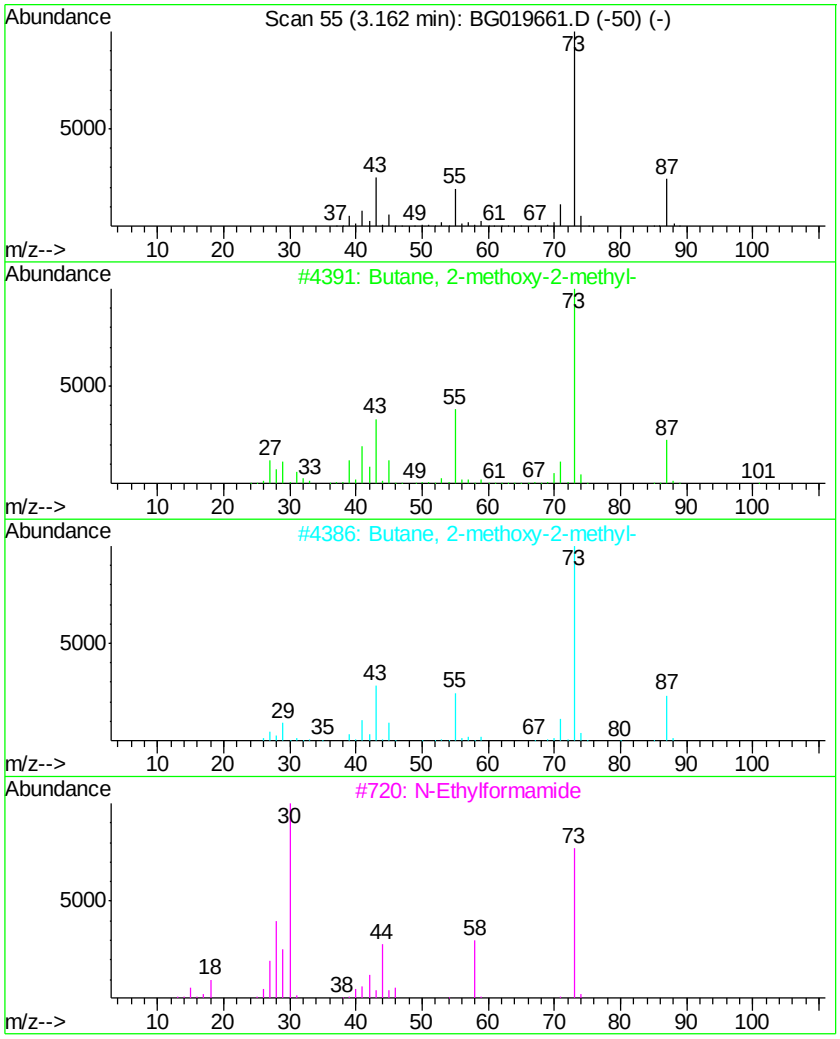
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

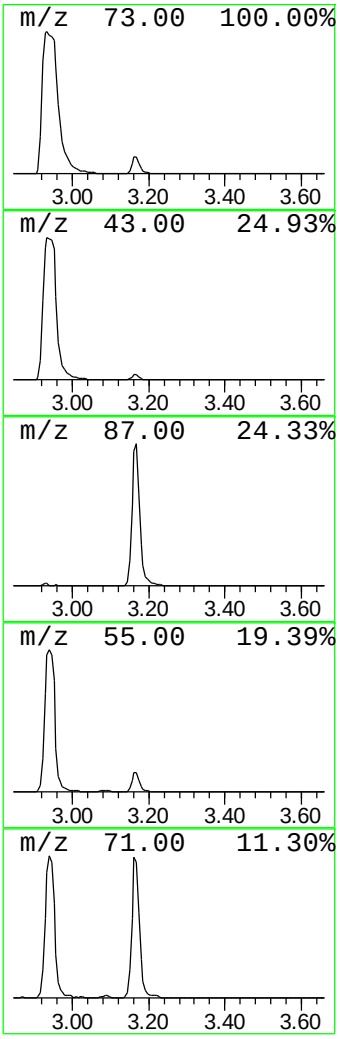
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	108.16 ng/ul	811755	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019661.D
Acq On : 17 Nov 2015 15:03
Operator : UM/NP
Sample : G4308-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

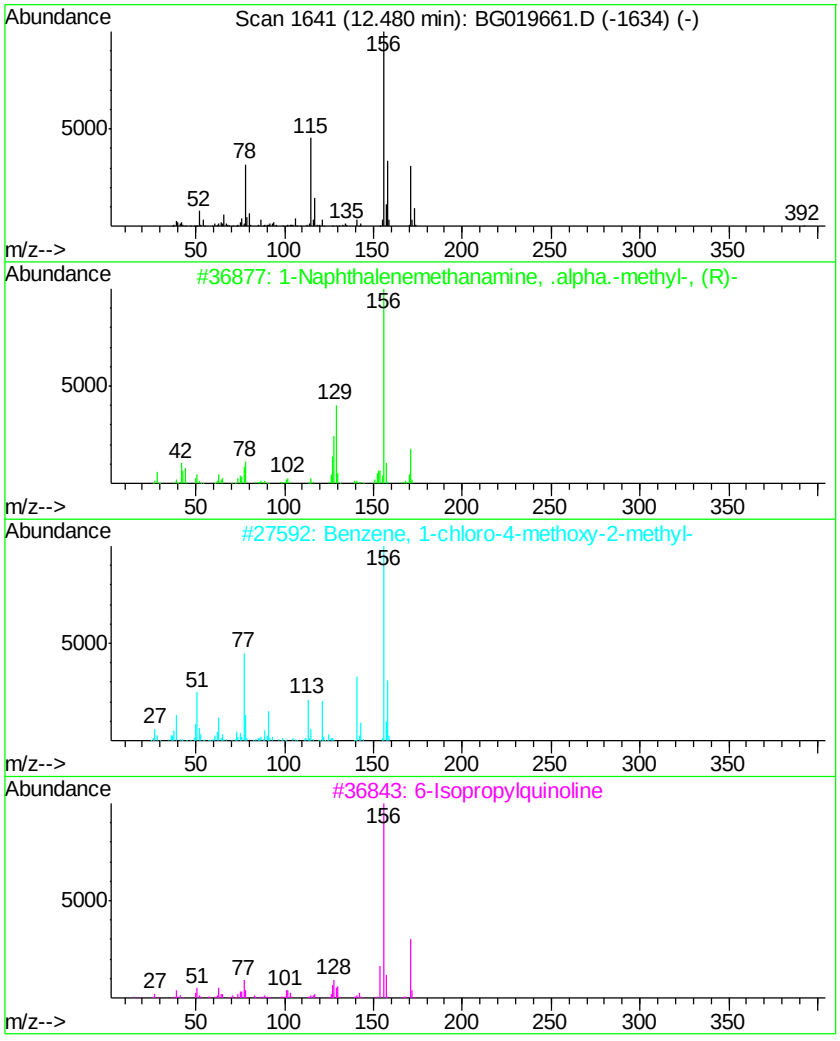
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

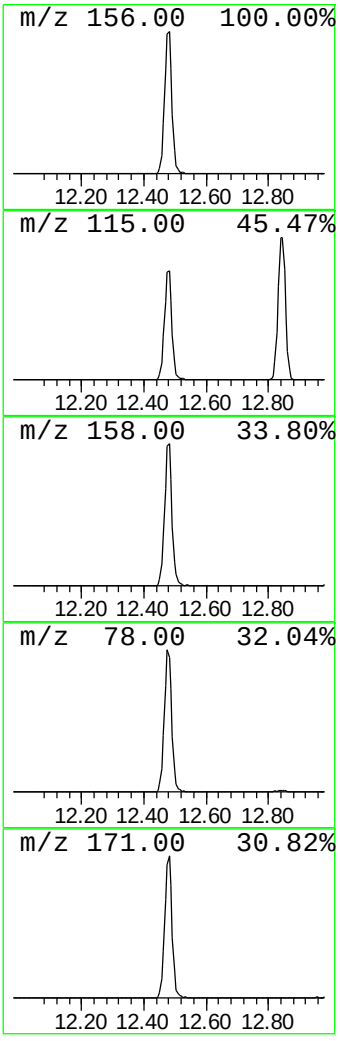
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	46.74 ng/ul	538982	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	43
2	Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	38
3	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
4	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
5	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019661.D
Acq On : 17 Nov 2015 15:03
Operator : UM/NP
Sample : G4308-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

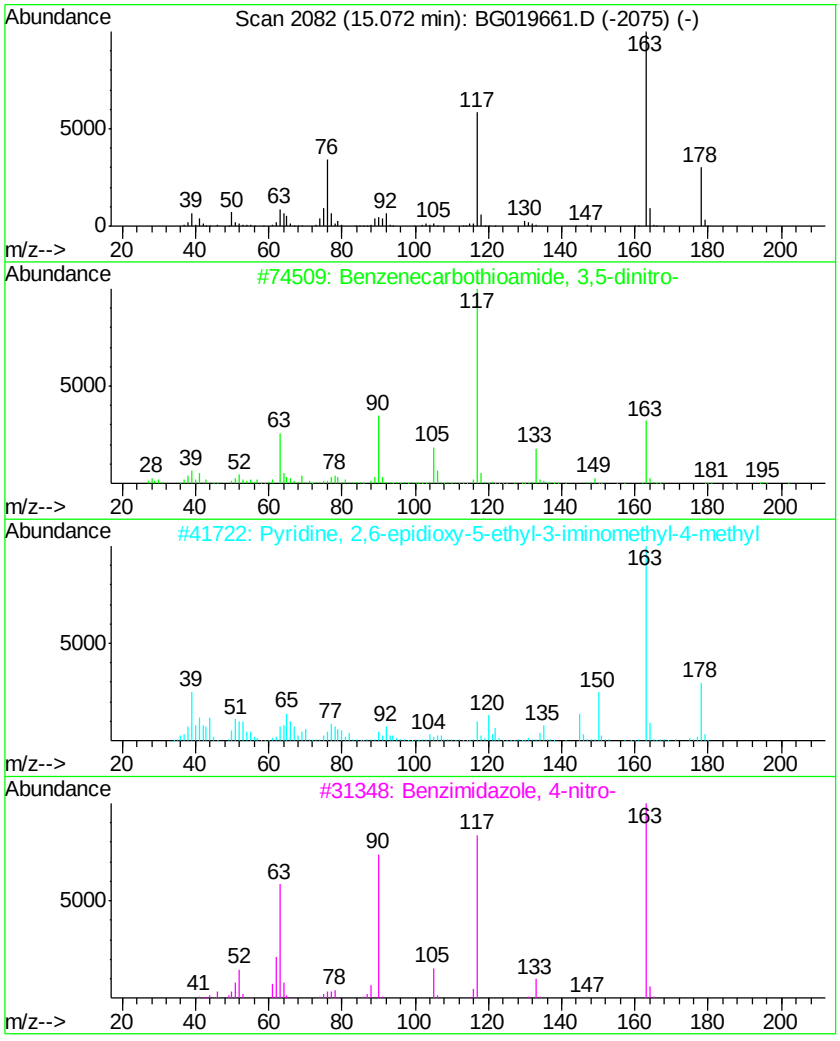
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

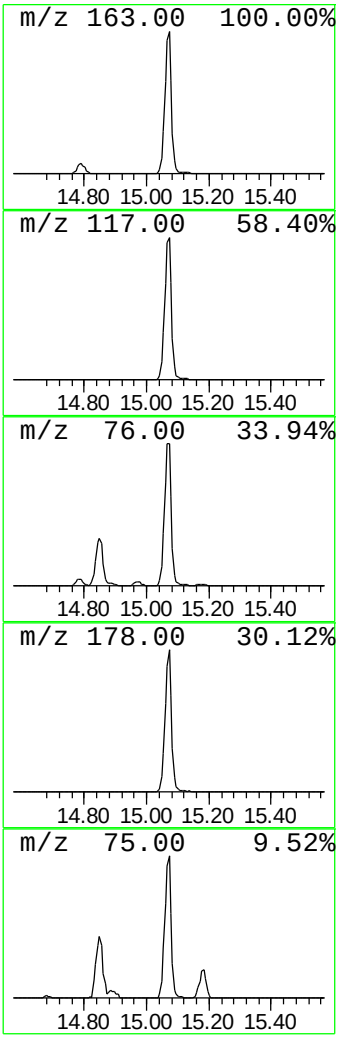
****

Peak Number 5 Benzenecarbothioamide, 3,5-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	53.49 ng/ul	1020990	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenecarbothioamide, 3,5-dinitro-	227	C7H5N3O4S	037773-67-4	50
2	Pyridine, 2,6-epidioxy-5-ethyl-3...	178	C9H10N2O2	1000263-31-1	50
3	Benzimidazole, 4-nitro-	163	C7H5N3O2	010597-52-1	50
4	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	47
5	Propofol	178	C12H18O	002078-54-8	43





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Sample : G4308-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

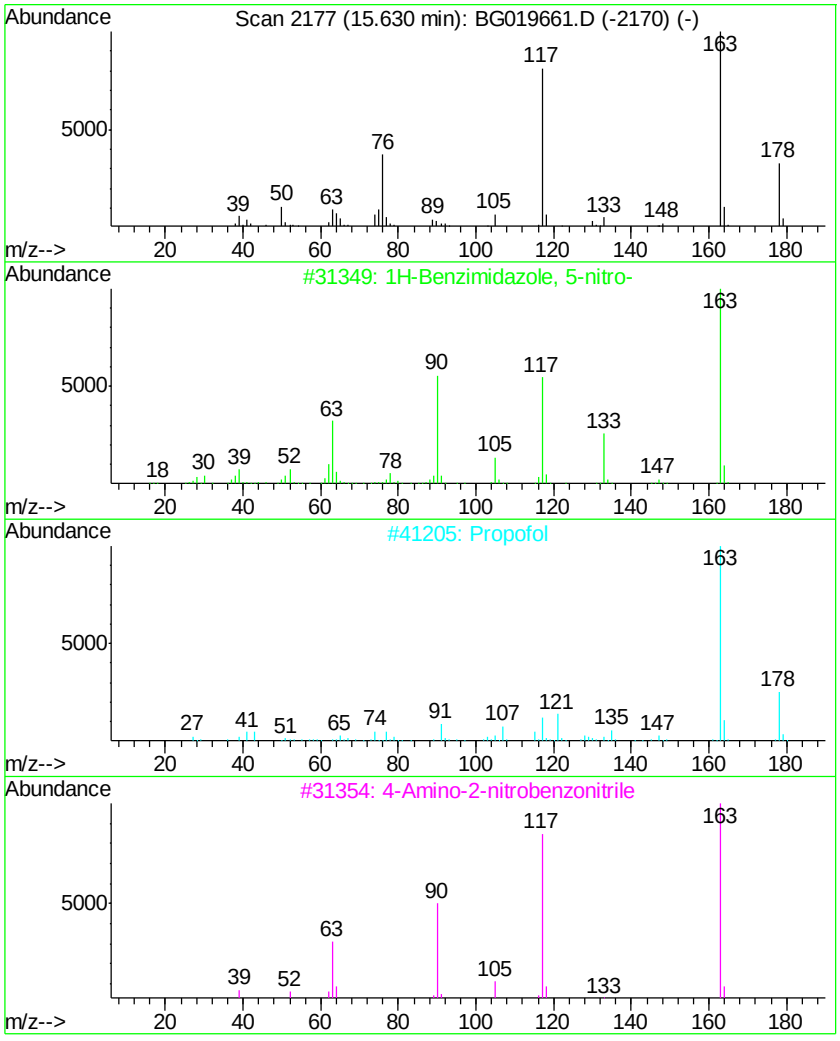
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

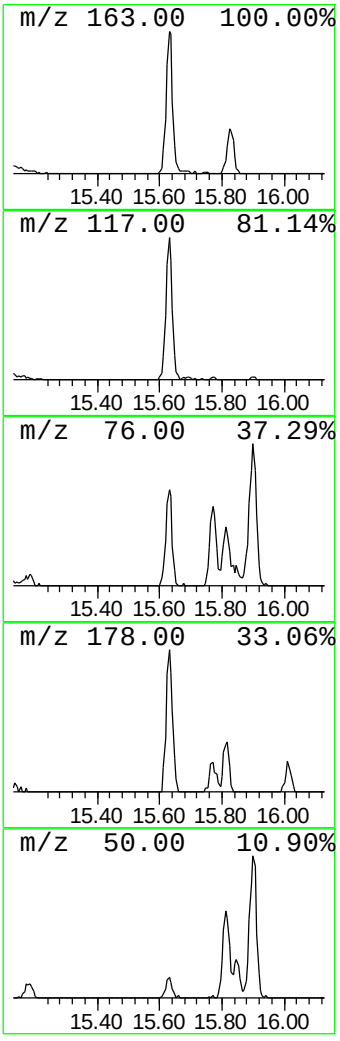
****

Peak Number 6 1H-Benzimidazole, 5-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	5.19 ng/ul	99097	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	64
2	Propofol	178	C12H18O	002078-54-8	47
3	4-Amino-2-nitrobenzonitrile	163	C7H5N3O2	072115-07-2	45
4	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	43
5	Butyric acid, 4-bromo-4-phenyl-	242	C10H11BrO2	019078-75-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111715\
Data File : BG019661.D
Acq On : 17 Nov 2015 15:03
Operator : UM/NP
Sample : G4308-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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
Methanethioamide,...	2.94	3132.0	ng/ul	23507200	1	8.15	150108	20.0
Butane, 2-methoxy...	3.16	108.2	ng/ul	811755	1	8.15	150108	20.0
unknown-01	12.48	46.7	ng/ul	538982	2	10.98	230635	20.0
Benzenecarbothioa...	15.07	53.5	ng/ul	1020990	3	14.78	381729	20.0
1H-Benzimidazole,...	15.63	5.2	ng/ul	99097	3	14.78	381729	20.0