LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
Data File : BM000463.D
Acq On : 10 Feb 2015 15:56
Operator : TP/IZ
Sample : G1249-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4FL9

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_M\METHODS\SOM01.2-EPA-BM020615.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	2.728	3	7	24	rVB2	34438924	62665313	100.00%	42.715%
2	2.857	24	29	38	rVV	1152787	1990794	3.18%	1.357%
3	2.934	38	42	47	rVV	622970	694057	1.11%	0.473%
4	2.975	47	49	54	rVB2	62495	71153	0.11%	0.049%
5	6.893	708	715	718	rBV	474052	811683	1.30%	0.553%
6	7.057	736	743	751	rBV	313219	472241	0.75%	0.322%
7	7.151	752	759	770	rVV	619899	904342	1.44%	0.616%
8	7.257	770	777	785	rVB	449652	713029	1.14%	0.486%
9	7.722	848	856	864	rBV	426017	661306	1.06%	0.451%
10	8.163	924	931	944	rBV	1055652	1646833	2.63%	1.123%
11	8.434	970	977	982	rBV	539820	858597	1.37%	0.585%
12	8.492	982	987	990	rVV	1114552	1660873	2.65%	1.132%
13	8.534	990	994	1005	rVB	791904	1335835	2.13%	0.911%
14	8.798	1032	1039	1046	rVB	539937	871039	1.39%	0.594%
15	8.881	1046	1053	1060	rBV	433620	691030	1.10%	0.471%
16	9.445	1142	1149	1158	rBV	709364	1132503	1.81%	0.772%
17	9.598	1169	1175	1184	rBV	366070	587447	0.94%	0.400%
18	9.692	1184	1191	1206	rVB	933999	1488563	2.38%	1.015%
19	9.928	1225	1231	1238	rBV	603883	936301	1.49%	0.638%
20	10.139	1259	1267	1277	rBV2	544949	1350859	2.16%	0.921%
21	10.510	1321	1330	1335	rBV	528243	930108	1.48%	0.634%
22	10.563	1335	1339	1347	rVB	589978	921256	1.47%	0.628%
23	10.651	1349	1354	1363	rVB2	79136	136423	0.22%	0.093%
24	10.851	1381	1388	1396	rVB	1166962	1890321	3.02%	1.289%
25	11.422	1478	1485	1506	rBV	288011	709724	1.13%	0.484%
26	12.039	1584	1590	1598	rBV	926482	1470003	2.35%	1.002%
27	12.404	1645	1652	1665	rVV	1381629	2118940	3.38%	1.444%
28	12.551	1668	1677	1687	rVB2	1044124	2437778	3.89%	1.662%
29	12.869	1723	1731	1742	rBV	788807	1182466	1.89%	0.806%
30	13.239	1788	1794	1802	rVB	590170	885713	1.41%	0.604%
31	13.780	1880	1886	1891	rBV	942218	1338514	2.14%	0.912%
32	13.827	1891	1894	1900	rVB	589588	789622	1.26%	0.538%
33	14.069	1926	1935	1937	rBV	1004436	1610748	2.57%	1.098%
34	14.092	1937	1939	1950	rVB	779038	979956	1.56%	0.668%

LSC Area Percent Report

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Data File : BM000463.D
Acq On : 10 Feb 2015 15:56
Operator : TP/IZ
Sample : G1249-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4FL9

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_M\METHODS\SOM01.2-EPA-BM020615.M
Title : SVOA CALIBRATION

35	14.280	1966	1971	1980	rVB	60506	88275	0.14%	0.060%
36	14.374	1980	1987	1992	rBV2	770362	1180820	1.88%	0.805%
37	14.439	1992	1998	2003	rVV	1283707	1826753	2.92%	1.245%
38	14.492	2003	2007	2015	rVV	490408	662170	1.06%	0.451%
39	14.574	2015	2021	2031	rVV	485482	701233	1.12%	0.478%
40	14.674	2031	2038	2049	rVV	1982760	2780945	4.44%	1.896%
41	14.774	2049	2055	2064	rVB	729031	998939	1.59%	0.681%
42	15.239	2128	2134	2141	rBV	172370	241443	0.39%	0.165%
43	15.368	2149	2156	2160	rBV	1404371	1910527	3.05%	1.302%
44	15.421	2160	2165	2168	rVV2	1406179	2255175	3.60%	1.537%
45	15.451	2168	2170	2174	rVV	1003886	1209244	1.93%	0.824%
46	15.504	2174	2179	2191	rVB3	1432736	2371662	3.78%	1.617%
47	16.774	2389	2395	2413	rBV	1809634	2472431	3.95%	1.685%
48	17.121	2447	2454	2460	rBV2	1001791	1435126	2.29%	0.978%
49	17.221	2464	2471	2473	rVV2	1464552	2080518	3.32%	1.418%
50	17.251	2473	2476	2486	rVB	1506938	2144871	3.42%	1.462%
51	17.527	2516	2523	2534	rBV	1585182	2231755	3.56%	1.521%
52	19.180	2794	2804	2812	rBV	1005544	1383058	2.21%	0.943%
53	19.521	2855	2862	2875	rBV	1723107	2380273	3.80%	1.622%
54	20.450	3015	3020	3025	rBV	1061389	1182364	1.89%	0.806%
55	21.233	3148	3153	3161	rBV	1328744	1422341	2.27%	0.970%
56	21.315	3162	3167	3170	rBV	1265776	1626624	2.60%	1.109%
57	21.356	3170	3174	3180	rVB	1970505	2421347	3.86%	1.650%
58	22.080	3292	3297	3302	rBV	178343	233435	0.37%	0.159%
59	22.933	3435	3442	3455	rVB	1720513	2833641	4.52%	1.932%
60	23.421	3517	3525	3529	rBV2	1195729	2361783	3.77%	1.610%
61	23.468	3529	3533	3542	rVV	1506456	2646814	4.22%	1.804%
62	23.562	3542	3549	3563	rVB2	821865	1531761	2.44%	1.044%
63	25.821	3924	3933	3943	rBV	445458	1145101	1.83%	0.781%

Sum of corrected areas: 146705799

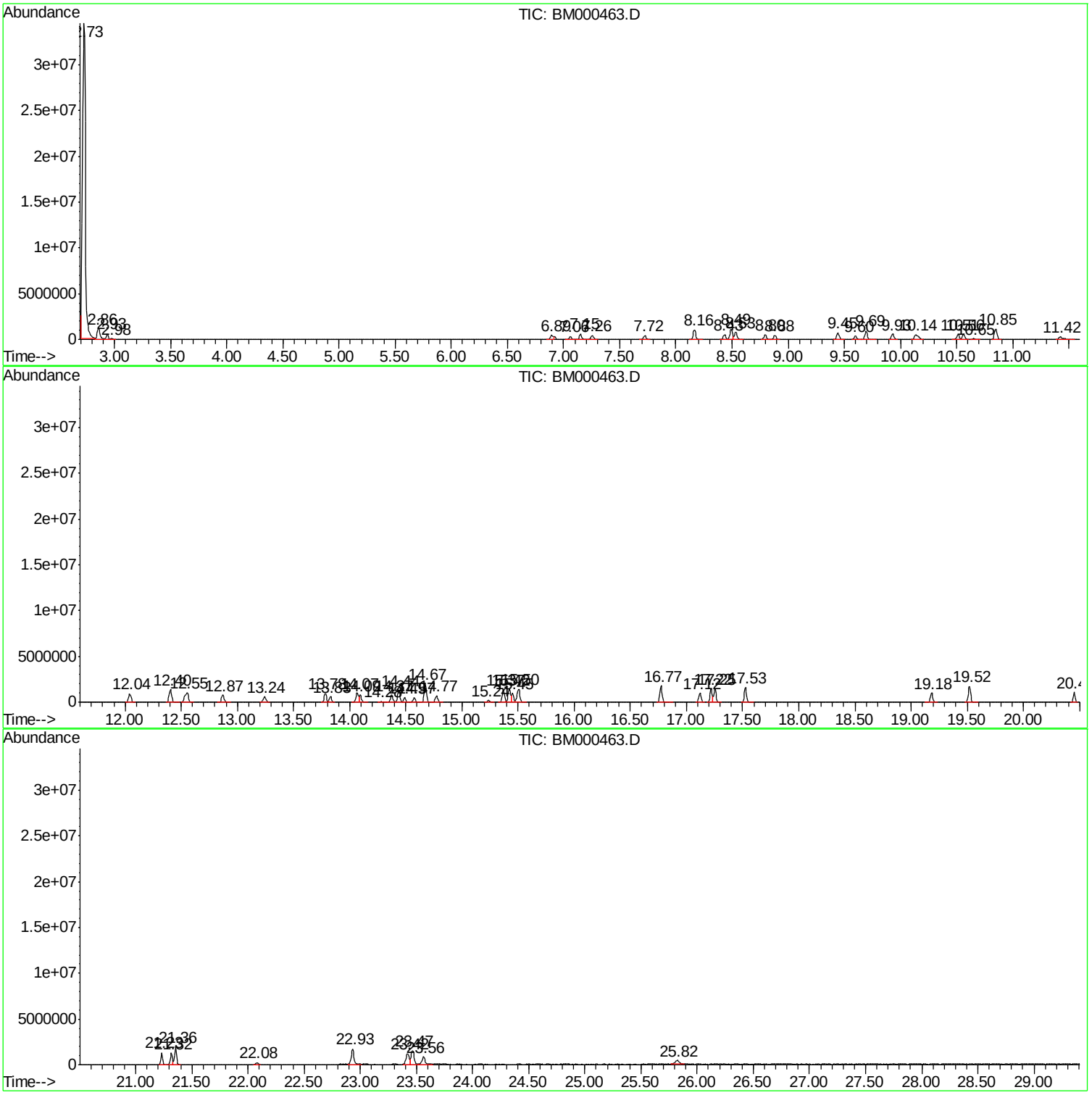
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
Data File : BM000463.D
Acq On : 10 Feb 2015 15:56
Operator : TP/IZ
Sample : G1249-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FL9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
Data File : BM000463.D
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Sample : G1249-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4FL9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
Quant Title : SVOA CALIBRATION

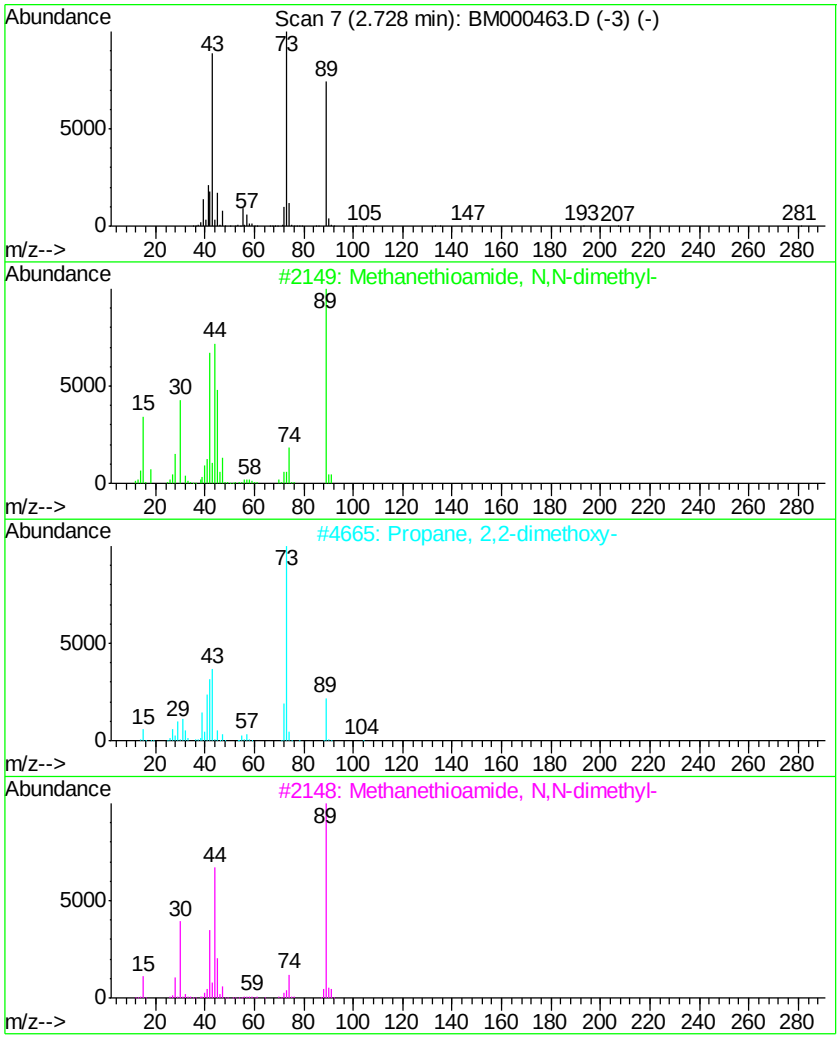
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

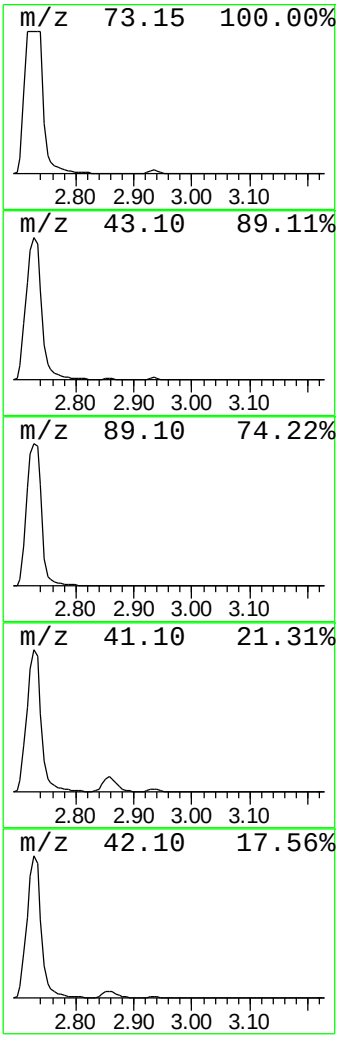
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	1895.20 ng/ul	62665300	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	64
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
3	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	40
4	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
Data File : BM000463.D
Acq On : 10 Feb 2015 15:56
Operator : TP/IZ
Sample : G1249-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4FL9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
Quant Title : SVOA CALIBRATION

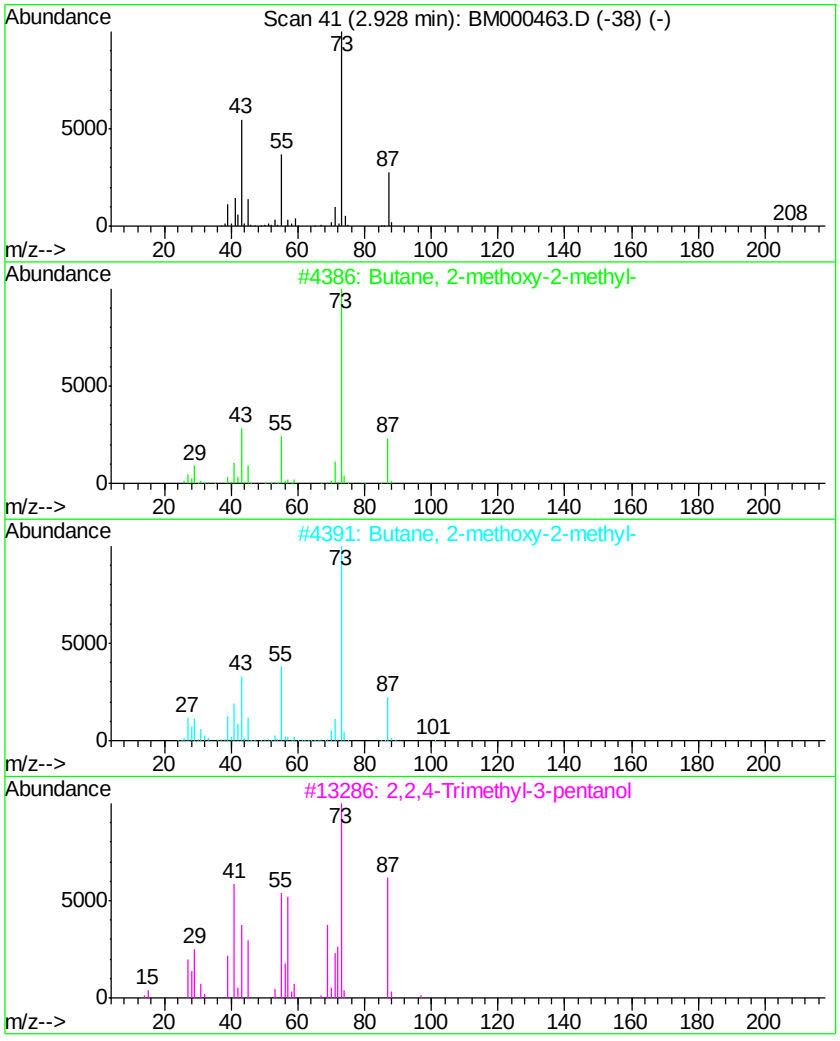
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

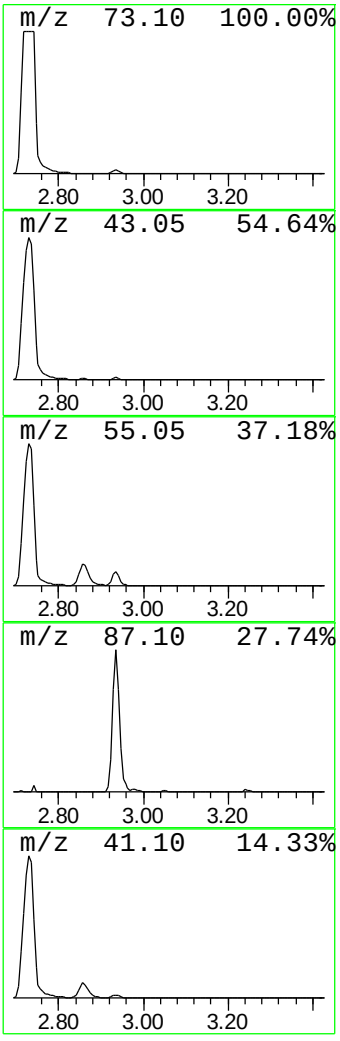
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	20.99 ng/ul	694057	1,4-Dichlorobenzene-d4	7.72

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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
Data File : BM000463.D
Acq On : 10 Feb 2015 15:56
Operator : TP/IZ
Sample : G1249-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4FL9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
Quant Title : SVOA CALIBRATION

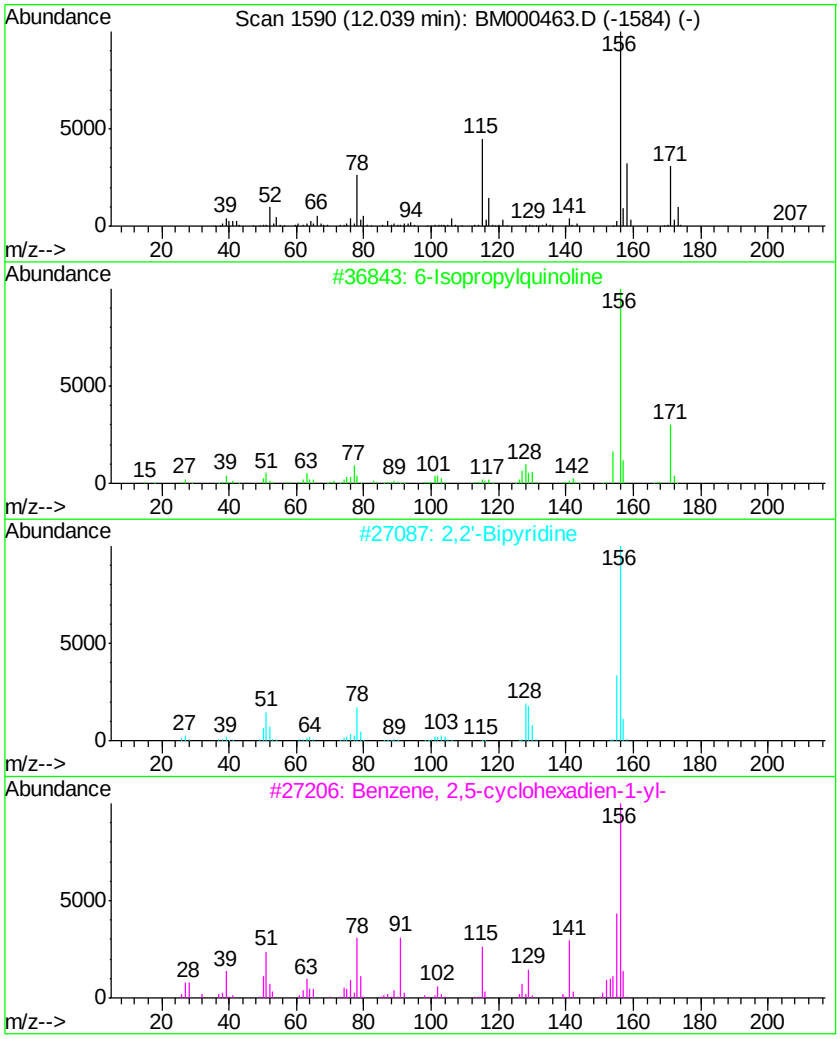
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

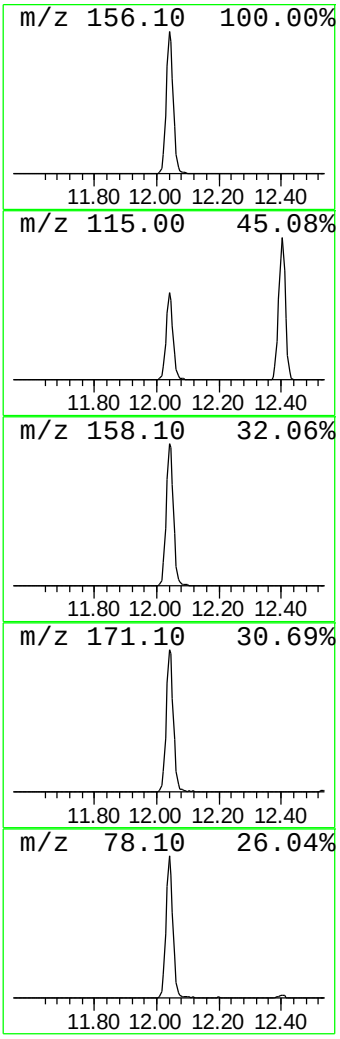
****

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	31.61 ng/ul	1470000	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline	171	C12H13N	000135-79-5	43
2	2,2'-Bipyridine	156	C10H8N2	000366-18-7	25
3	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	25
4	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	23
5	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
Data File : BM000463.D
Acq On : 10 Feb 2015 15:56
Operator : TP/IZ
Sample : G1249-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4FL9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
Quant Title : SVOA CALIBRATION

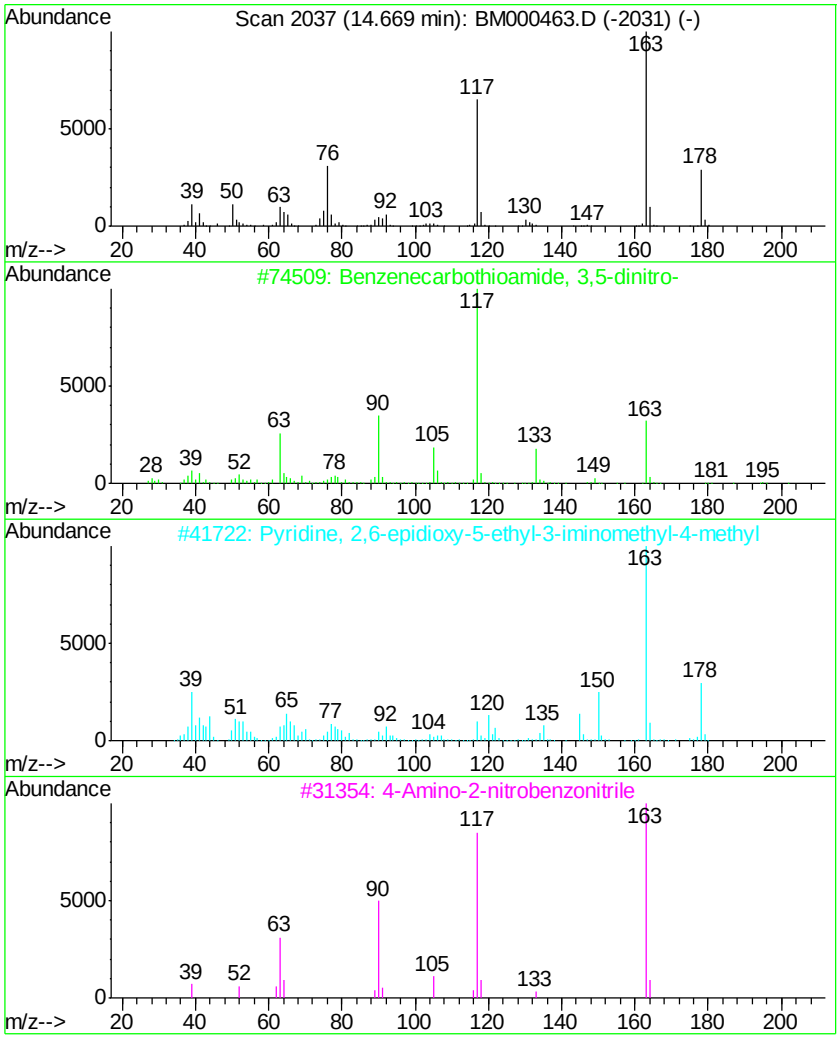
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

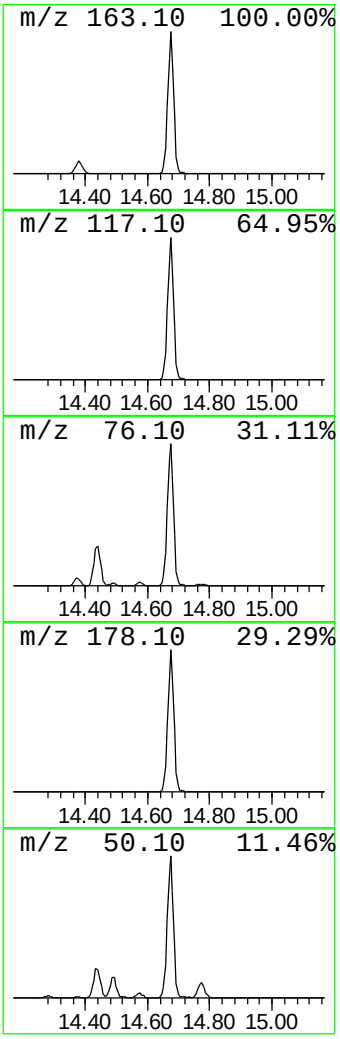
****

Peak Number 7 Benzenecarbothioamide, 3,5-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	47.10 ng/ul	2780950	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenecarbothioamide, 3,5-dinitro-	227	C7H5N3O4S	037773-67-4	53
2	Pyridine, 2,6-epidioxy-5-ethyl-3...	178	C9H10N2O2	1000263-31-1	50
3	4-Amino-2-nitrobenzonitrile	163	C7H5N3O2	072115-07-2	50
4	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	47
5	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	46





Library Search Compound Report

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Data File : BM000463.D
Acq On : 10 Feb 2015 15:56
Operator : TP/IZ
Sample : G1249-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4FL9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
Quant Title : SVOA CALIBRATION

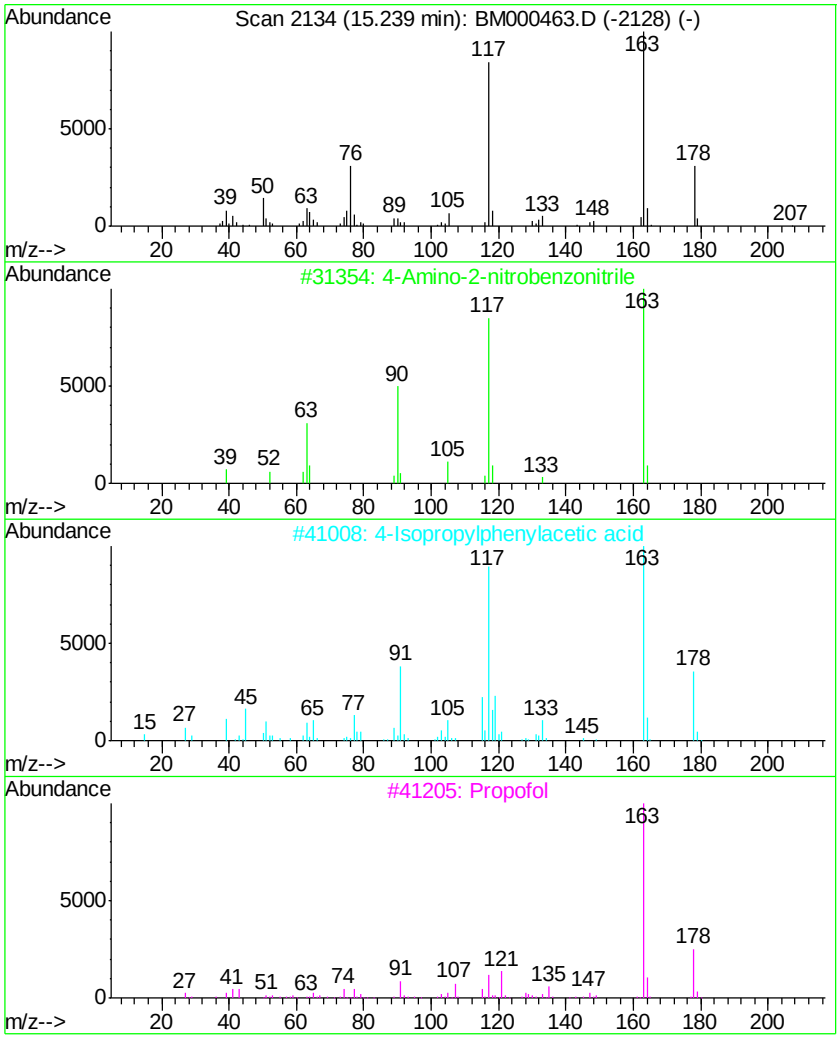
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

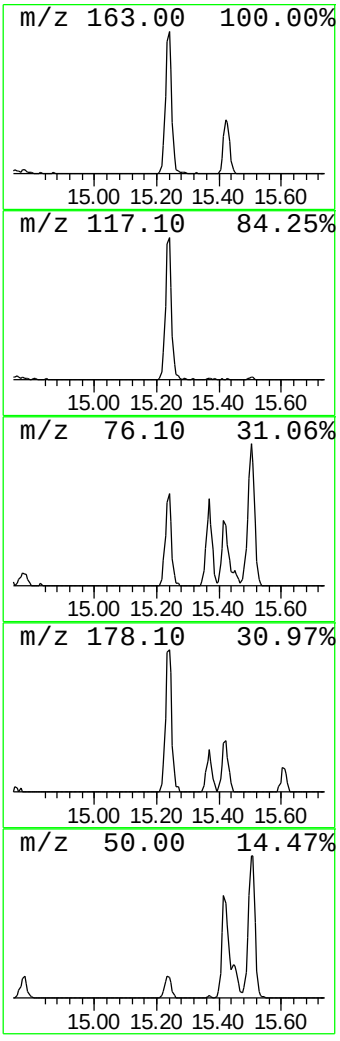
****

Peak Number 8 4-Amino-2-nitrobenzonitrile Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.09 ng/ul	241443	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-nitrobenzonitrile	163	C7H5N3O2	072115-07-2	64
2	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	45
3	Propofol	178	C12H18O	002078-54-8	43
4	Propofol	178	C12H18O	002078-54-8	43
5	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
Data File : BM000463.D
Acq On : 10 Feb 2015 15:56
Operator : TP/IZ
Sample : G1249-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4FL9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.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,...	2.73	1895.2	ng/ul	62665300	1	7.72	661306	20.0
Butane, 2-methoxy...	2.93	21.0	ng/ul	694057	1	7.72	661306	20.0
unknown-01	12.04	31.6	ng/ul	1470000	2	10.52	930108	20.0
Benzenecarbothioa...	14.67	47.1	ng/ul	2780950	3	14.37	1180820	20.0
4-Amino-2-nitrobe...	15.24	4.1	ng/ul	241443	3	14.37	1180820	20.0