LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023114.D
Acq On : 15 Jul 2016 15:26
Operator : UM/SJ
Sample : H4015-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C4.2-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.038	29	34	55	rBV	4203932	6266465	71.86%	11.926%
2	5.224	399	406	414	rBV	241053	378244	4.34%	0.720%
3	5.700	479	487	496	rBV	1743755	2908848	33.35%	5.536%
4	7.310	753	761	777	rBV	2028175	3580533	41.06%	6.814%
5	7.680	816	824	829	rBV	1871296	3309552	37.95%	6.298%
6	7.727	829	832	847	rVB	378109	598197	6.86%	1.138%
7	8.150	895	904	912	rBV2	363108	624939	7.17%	1.189%
8	8.479	952	960	969	rVB	1343331	2322323	26.63%	4.420%
9	9.325	1096	1104	1113	rBV	1287502	2296808	26.34%	4.371%
10	10.982	1378	1386	1393	rBV	548450	982979	11.27%	1.871%
11	13.420	1793	1801	1810	rBV	3533075	5515321	63.24%	10.496%
12	14.243	1934	1941	1947	rBV	756242	1173412	13.46%	2.233%
13	14.801	2030	2036	2045	rVB2	973382	1580399	18.12%	3.008%
14	16.293	2283	2290	2302	rBV	3185274	4966033	56.94%	9.451%
15	16.481	2317	2322	2325	rBV2	62372	89353	1.02%	0.170%
16	17.275	2451	2457	2461	rBV	76907	106468	1.22%	0.203%
17	17.551	2498	2504	2518	rBV2	1247247	2072884	23.77%	3.945%
18	18.420	2646	2652	2659	rBV3	119278	193666	2.22%	0.369%
19	20.154	2941	2947	2956	rBV	6548224	8720978	100.00%	16.597%
20	21.481	3166	3173	3178	rBV10	78824	218367	2.50%	0.416%
21	21.857	3230	3237	3245	rBV	1383206	2382534	27.32%	4.534%
22	23.585	3526	3531	3537	rVB2	87721	163102	1.87%	0.310%
23	25.236	3801	3812	3827	rBV2	658126	2094223	24.01%	3.986%

Sum of corrected areas: 52545628

LSC Report - Integrated Chromatogram

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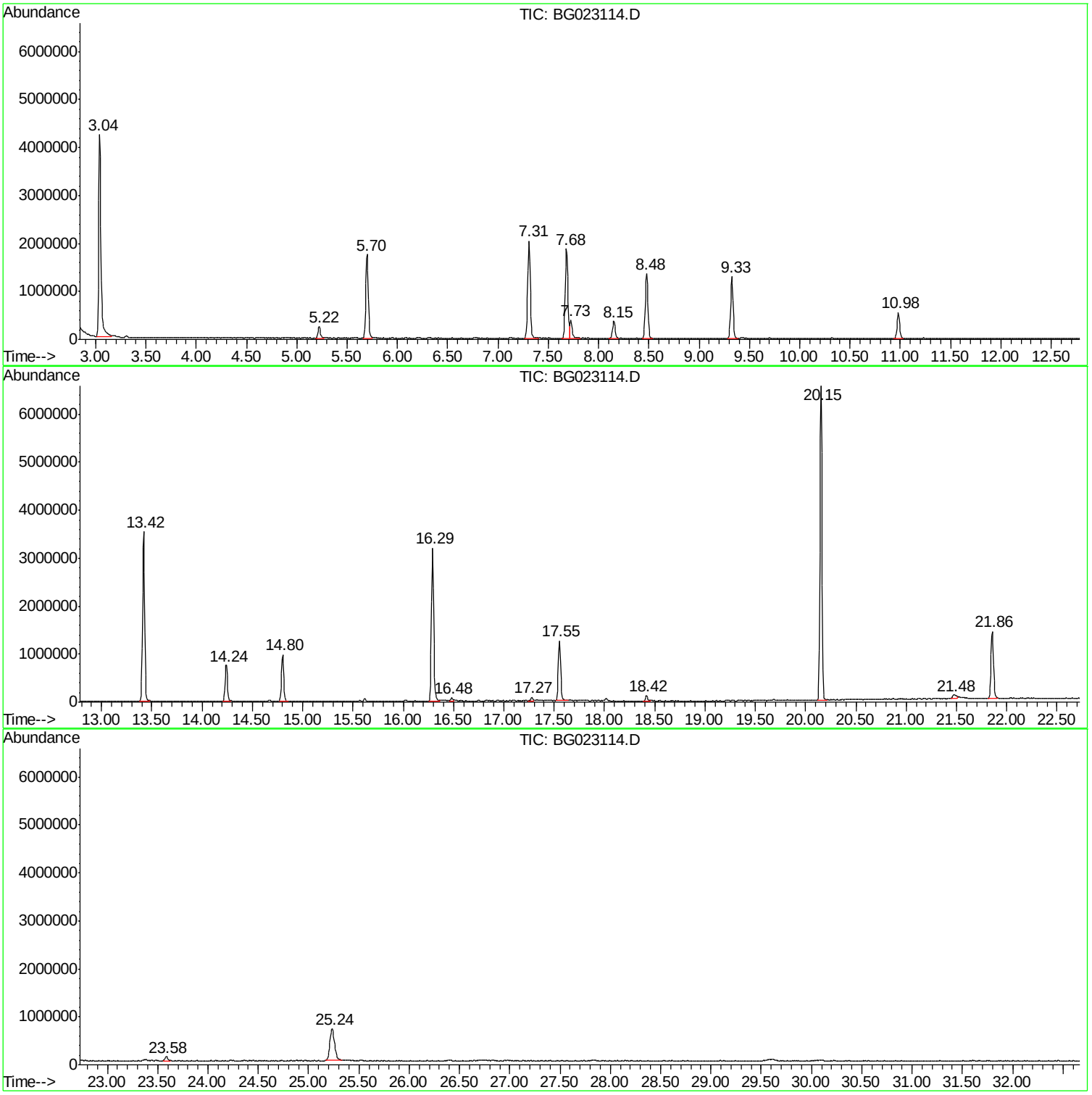
Instrument : BNA_G
ClientSampleId : C4.2-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BG023114.D
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Operator : UM/SJ
Sample : H4015-04
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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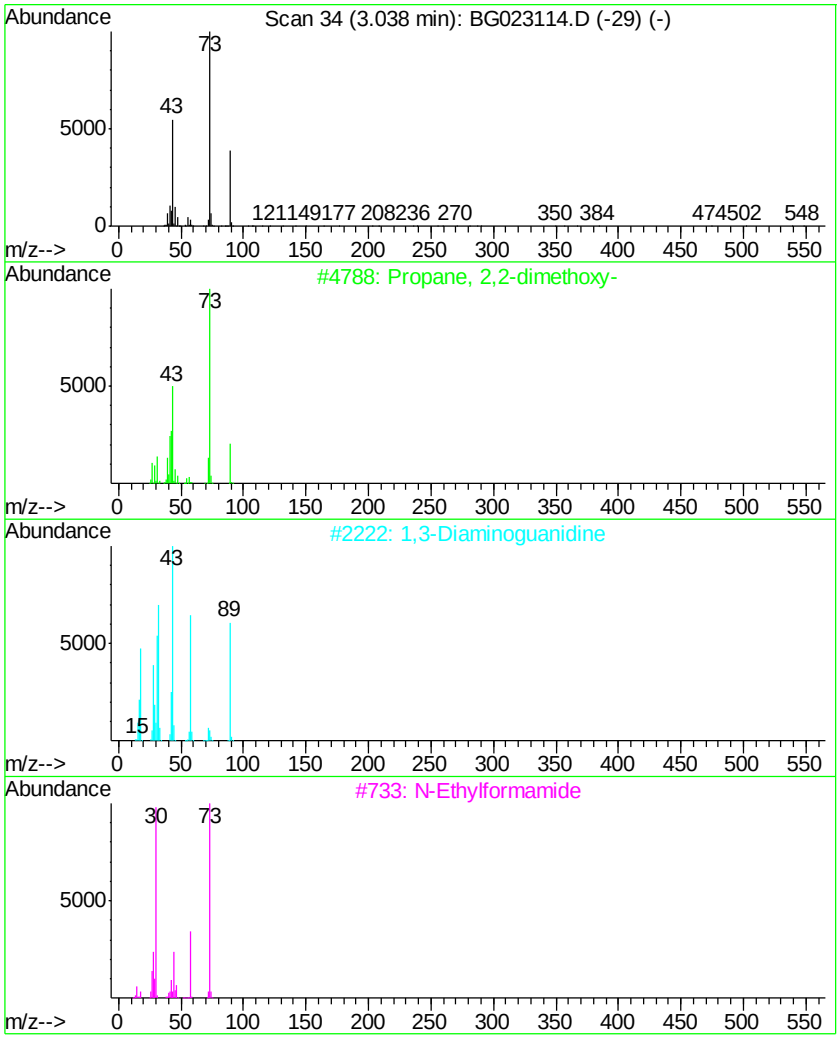
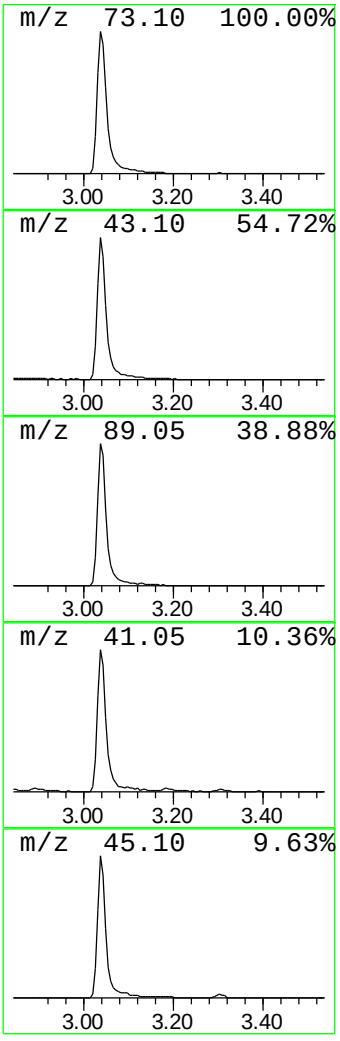
Peak Number 1 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	200.55 ng	6266470	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	36
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Operator : UM/SJ
Sample : H4015-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C4.2-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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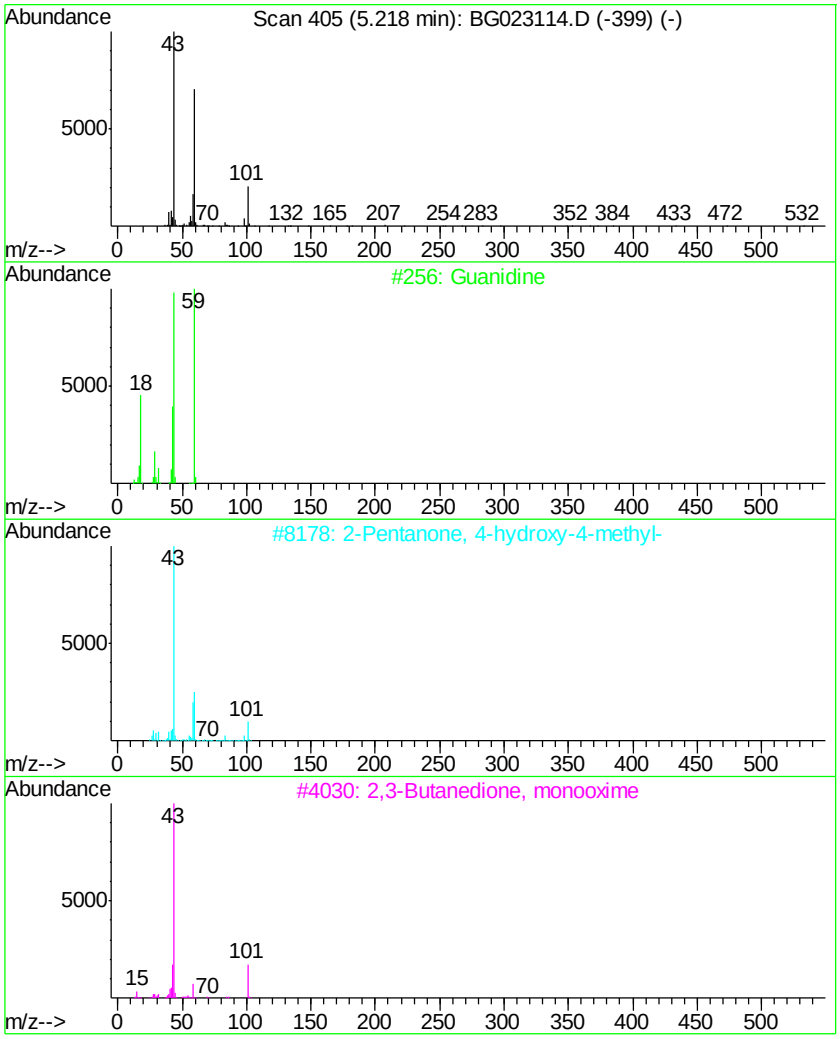
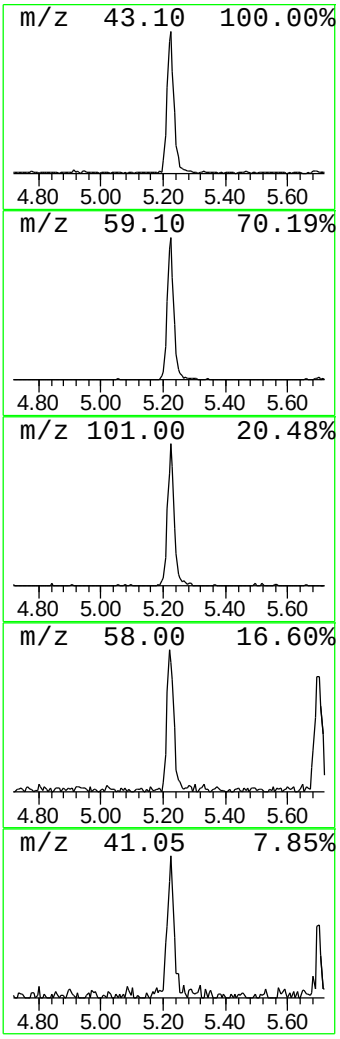
Peak Number 2 unknown5.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	12.11 ng	378244	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	47
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	43
4	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	32
5	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28





Library Search Compound Report

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Data File : BG023114.D
Acq On : 15 Jul 2016 15:26
Operator : UM/SJ
Sample : H4015-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C4.2-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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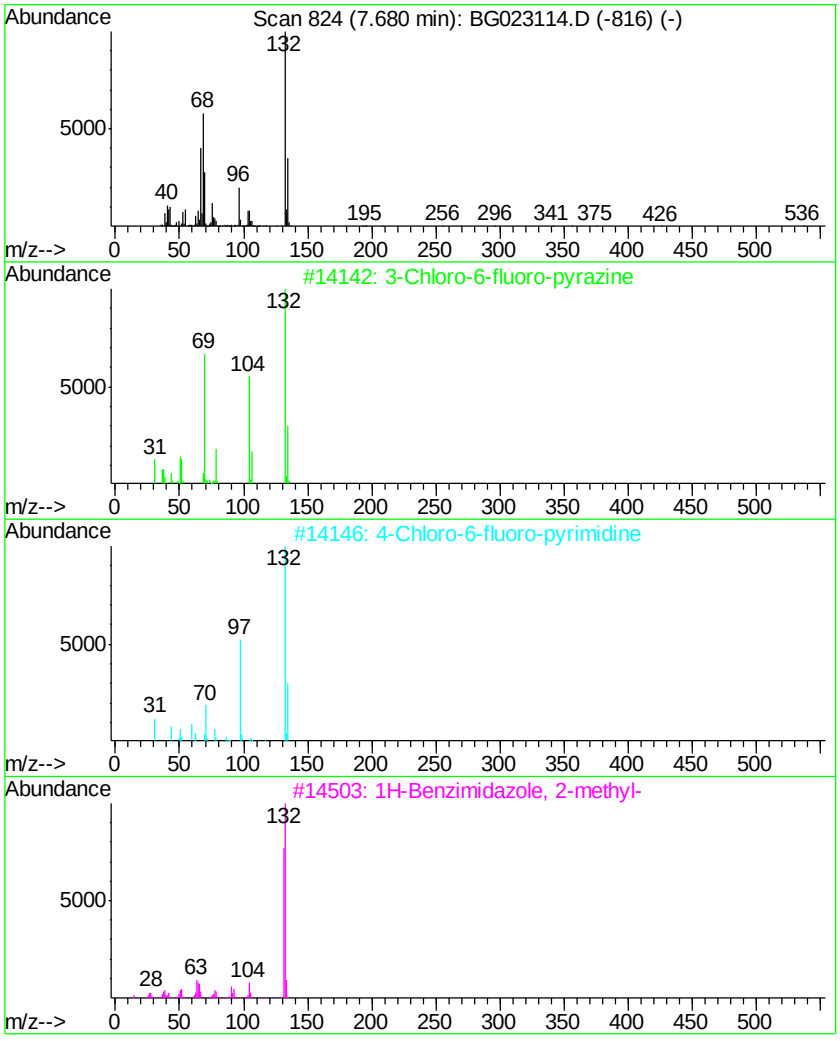
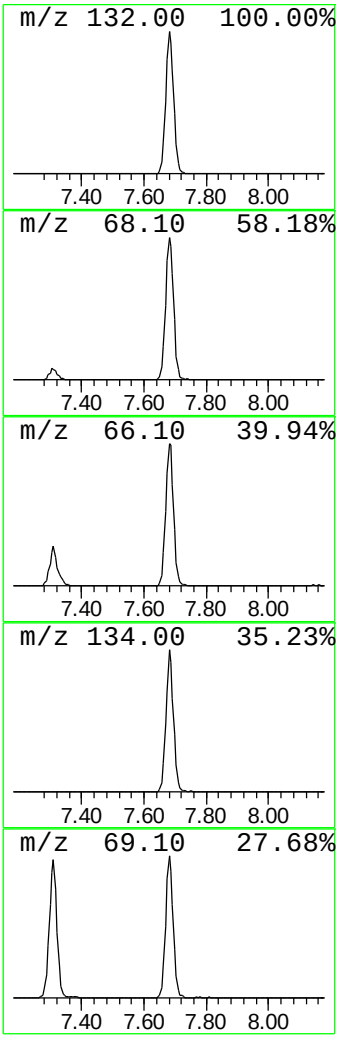
Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	105.92 ng	3309550	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	18
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Library Search Compound Report

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Data File : BG023114.D
Acq On : 15 Jul 2016 15:26
Operator : UM/SJ
Sample : H4015-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C4.2-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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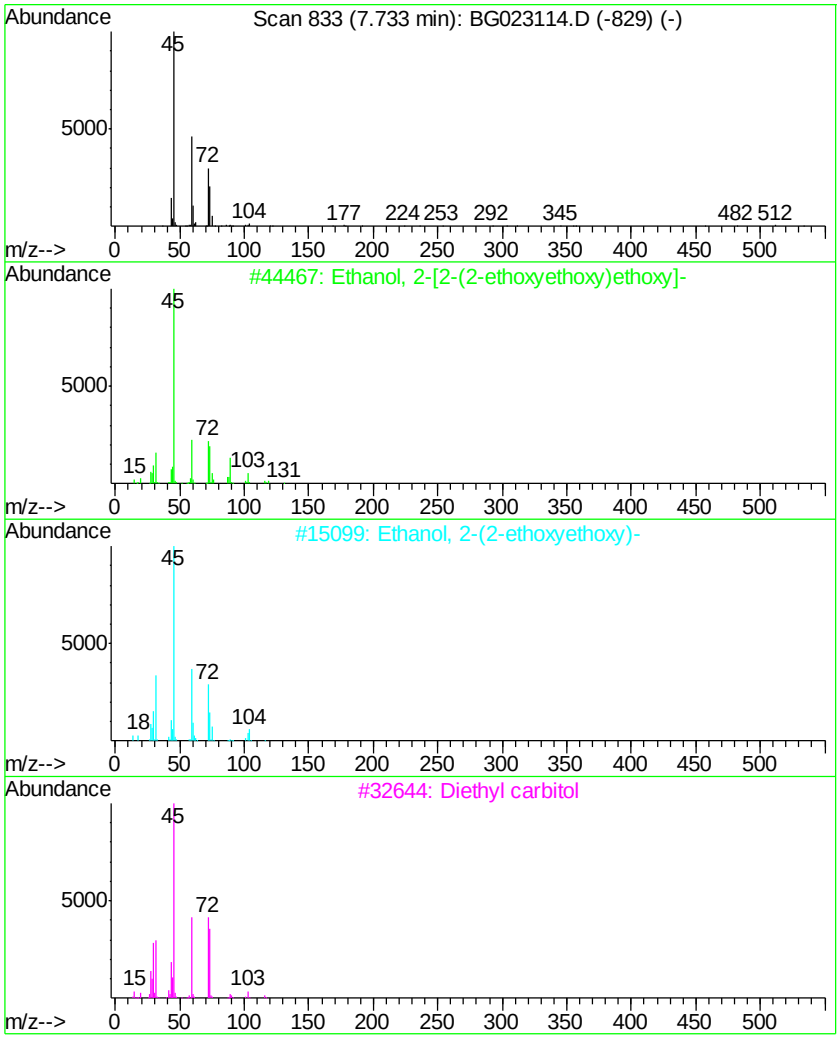
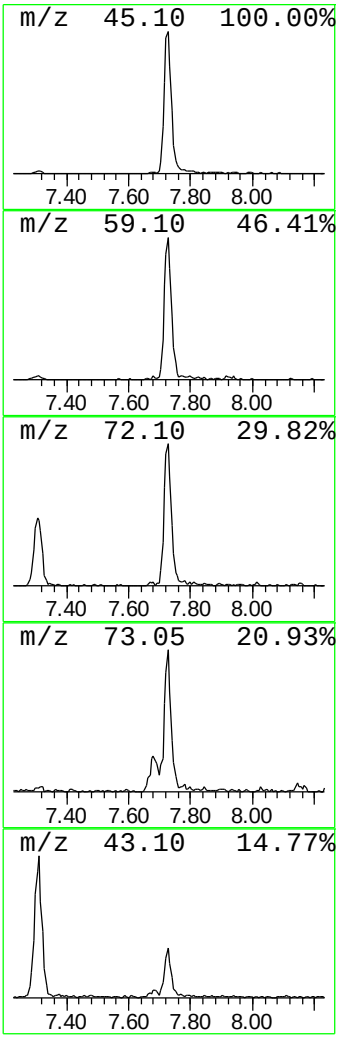
Peak Number 4 Ethanol, 2-[2-(2-ethoxyetho... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	19.14 ng	598197	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	59
3	Diethyl carbitol	162	C8H18O3	000112-36-7	43
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
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Instrument : BNA_G
ClientSampleId : C4.2-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	200.6	ng	6266470	1	8.15	624939	20.0
unknown5.22	5.22	12.1	ng	378244	1	8.15	624939	20.0
unknown7.68	7.68	105.9	ng	3309550	1	8.15	624939	20.0
Ethanol, 2-[2-(2-...	7.73	19.1	ng	598197	1	8.15	624939	20.0