LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020049.D
Acq On : 9 Dec 2015 18:38
Operator : UM/SJ
Sample : G4556-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELP-6

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-BG120215.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	2.868	3	5	7	rVB	2096521	1471486	100.00%	12.265%
2	3.132	45	50	61	rVV2	38301	88719	6.03%	0.739%
3	3.232	61	67	75	rVB	153206	224351	15.25%	1.870%
4	5.189	393	400	408	rVB	115537	172579	11.73%	1.438%
5	5.659	473	480	492	rVB	368669	575015	39.08%	4.793%
6	7.263	743	753	764	rBV	354910	610497	41.49%	5.089%
7	7.639	810	817	824	rBV	393843	671979	45.67%	5.601%
8	8.109	890	897	904	rVB	149873	246173	16.73%	2.052%
9	8.432	945	952	960	rBV	295833	520276	35.36%	4.337%
10	9.278	1087	1096	1104	rBV	266313	470795	31.99%	3.924%
11	10.929	1369	1377	1386	rBV	206798	368940	25.07%	3.075%
12	13.362	1784	1791	1801	rBV	768605	1192993	81.07%	9.944%
13	14.736	2018	2025	2033	rVB3	349740	554375	37.67%	4.621%
14	16.223	2269	2278	2296	rBV	588966	911863	61.97%	7.600%
15	16.470	2316	2320	2329	rVB	14953	24328	1.65%	0.203%
16	17.480	2485	2492	2501	rBV2	455478	687419	46.72%	5.730%
17	18.350	2634	2640	2649	rBV3	19778	37173	2.53%	0.310%
18	19.619	2851	2856	2863	rBV4	10883	24506	1.67%	0.204%
19	20.077	2929	2934	2943	rVB	1028613	1358129	92.30%	11.320%
20	21.382	3152	3156	3167	rBV6	16931	35255	2.40%	0.294%
21	21.628	3194	3198	3204	rBV2	19198	25622	1.74%	0.214%
22	21.752	3212	3219	3226	rBV	536154	900340	61.19%	7.504%
23	25.030	3765	3777	3788	rBV2	282104	824629	56.04%	6.873%

Sum of corrected areas: 11997442

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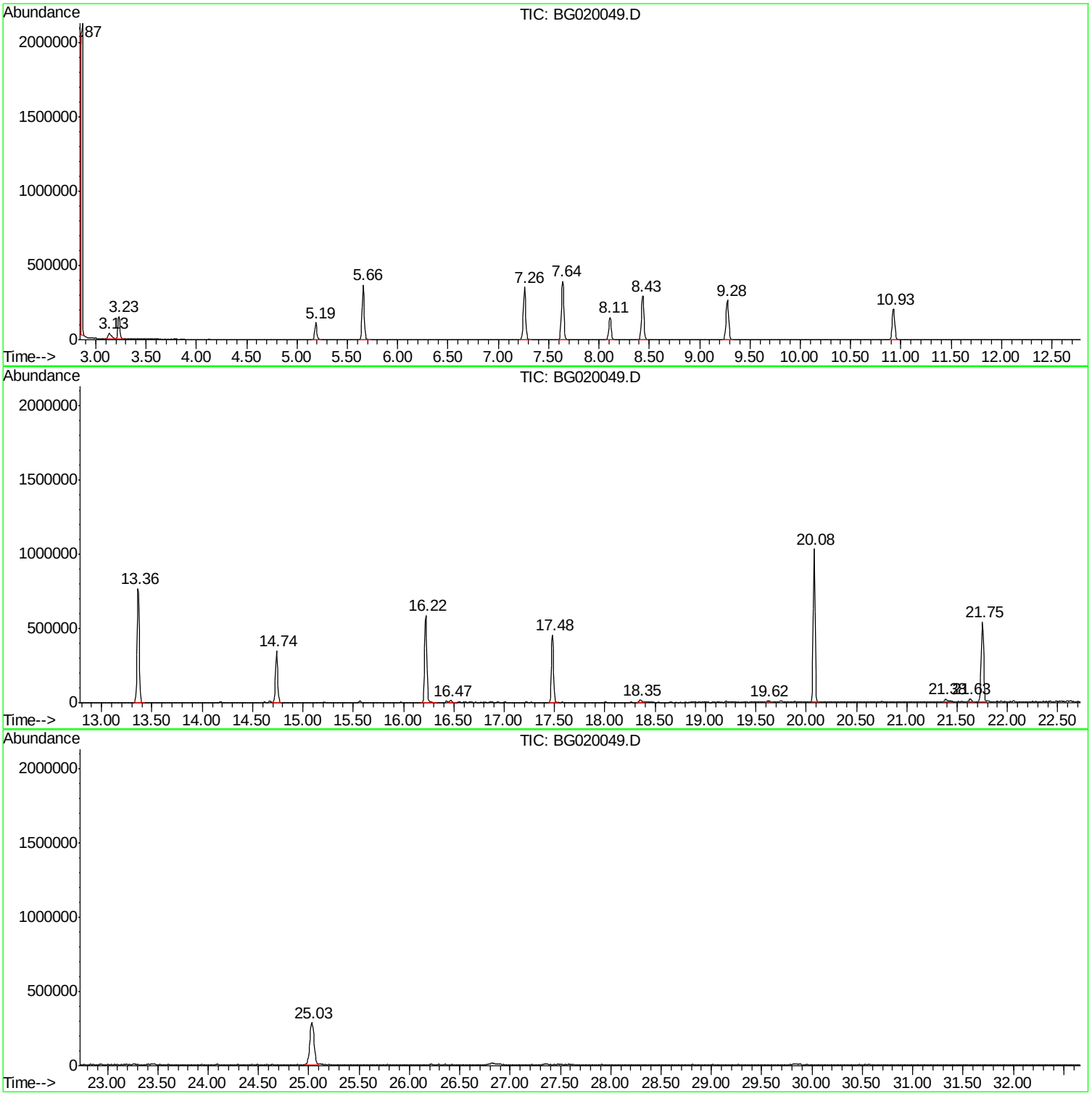
Instrument : BNA_G
ClientSampleId : ELP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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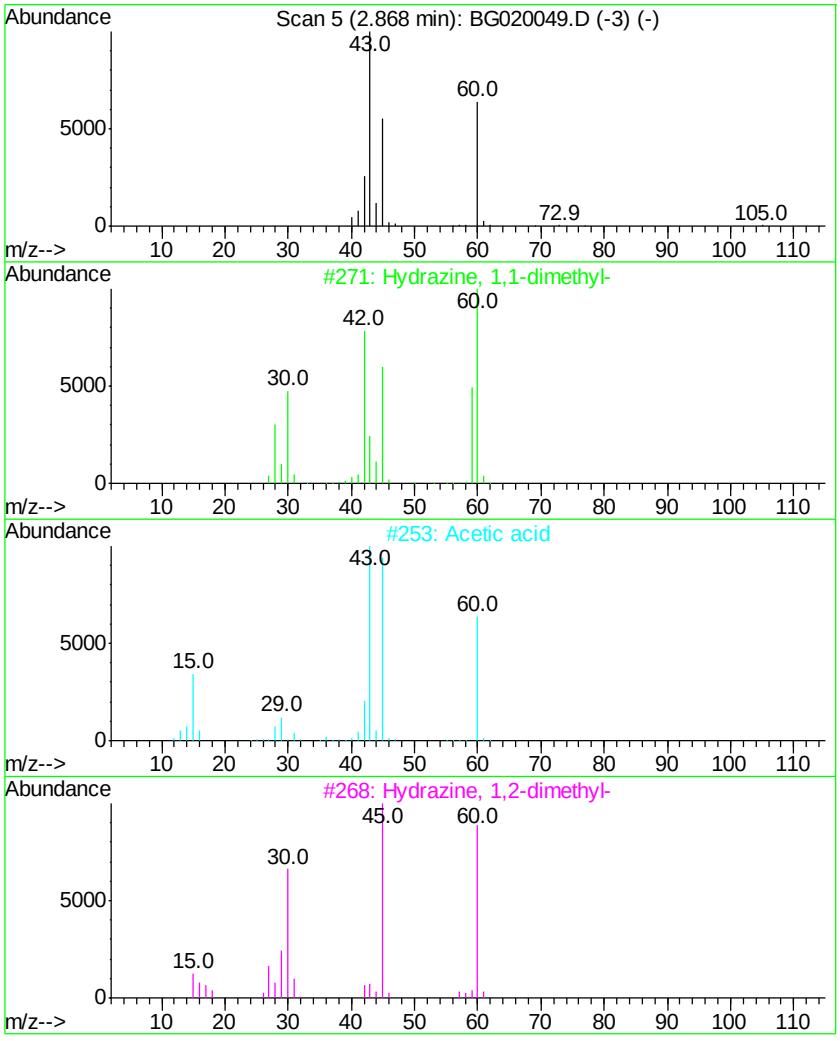
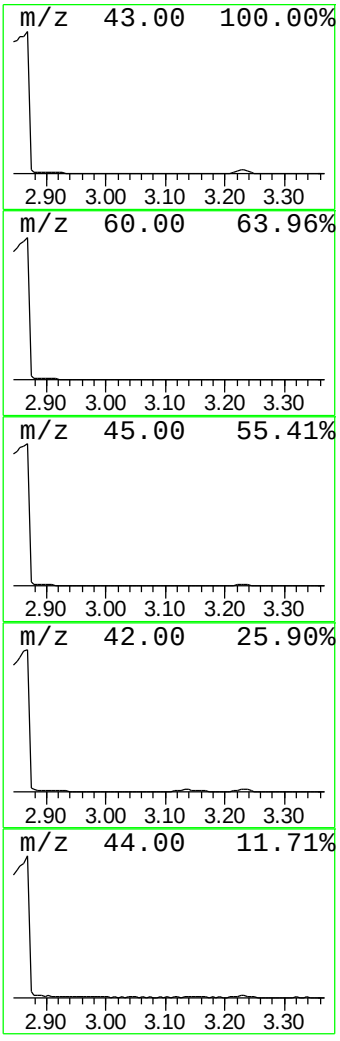
Peak Number 1 Hydrazine, 1,1-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	119.55 ng	1471490	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	50
2	Acetic acid	60	C2H4O2	000064-19-7	38
3	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	38
4	Serine	105	C3H7NO3	000056-45-1	23
5	o-Acetyl-L-serine	147	C5H9NO4	005147-00-2	9





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Sample : G4556-12
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Instrument : BNA_G
ClientSampleId : ELP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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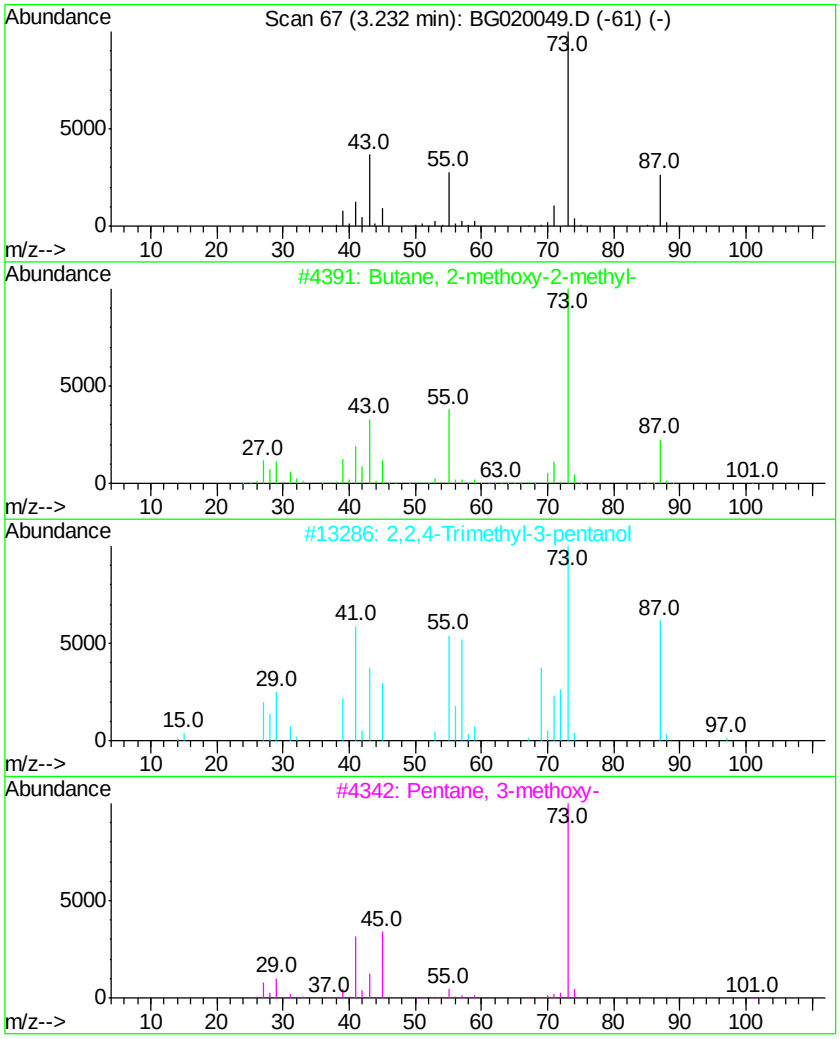
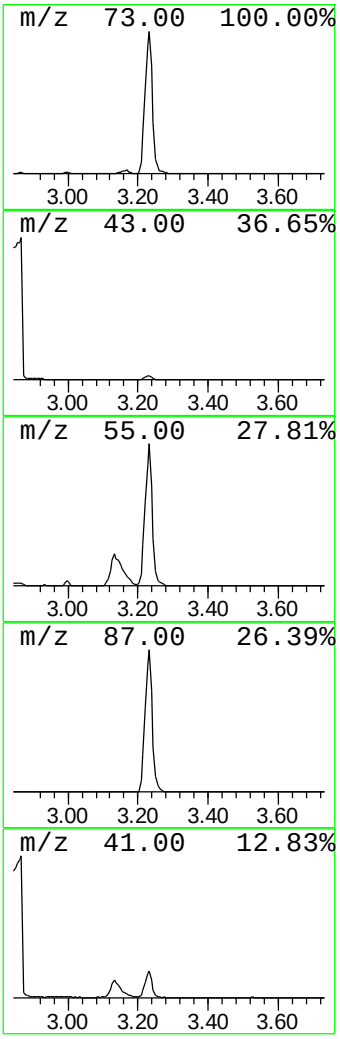
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	18.23 ng	224351	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG020049.D
Acq On : 9 Dec 2015 18:38
Operator : UM/SJ
Sample : G4556-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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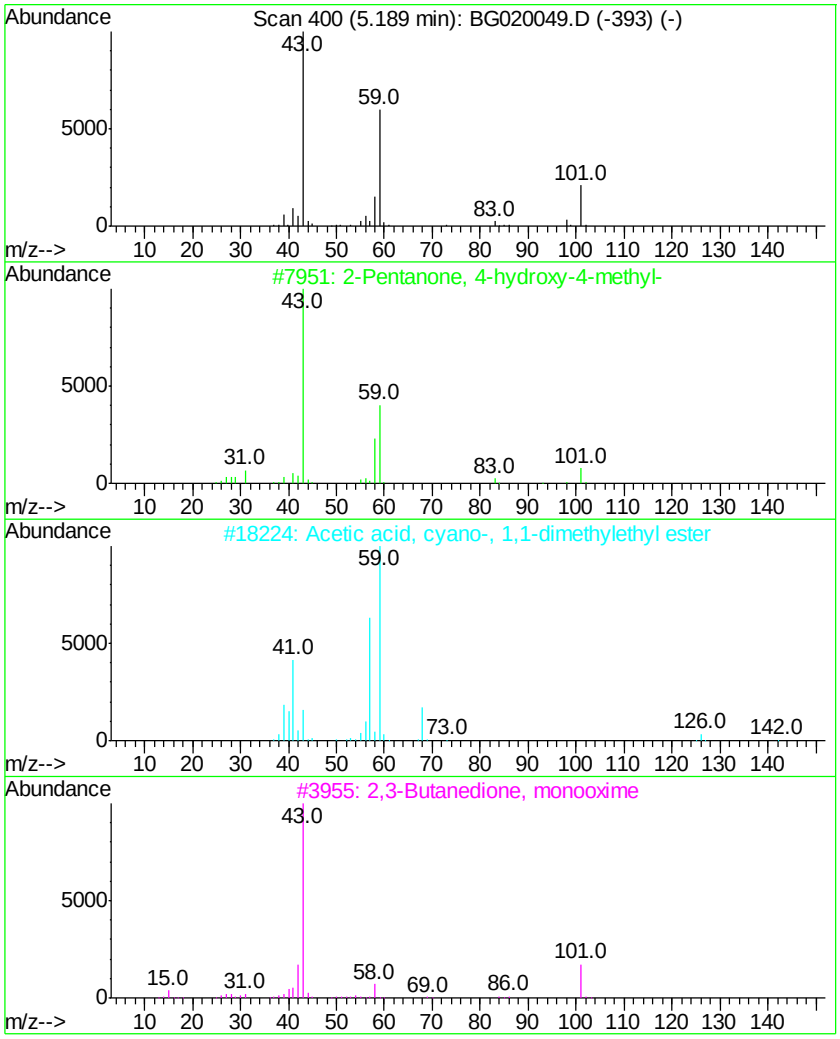
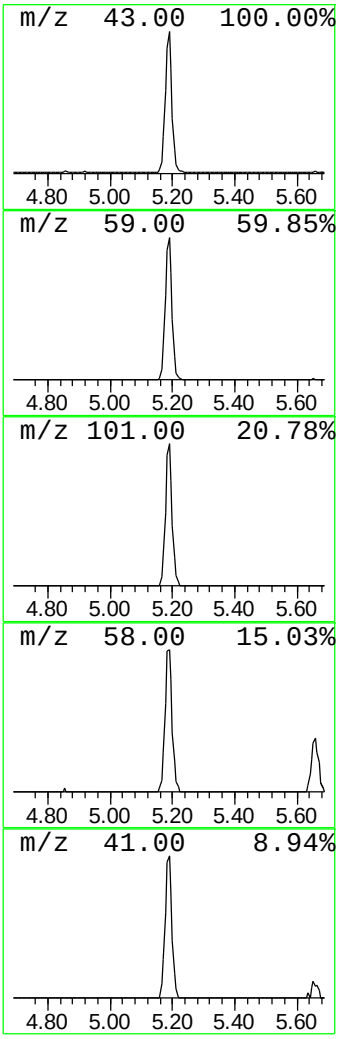
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	14.02 ng	172579	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Acq On : 9 Dec 2015 18:38
Operator : UM/SJ
Sample : G4556-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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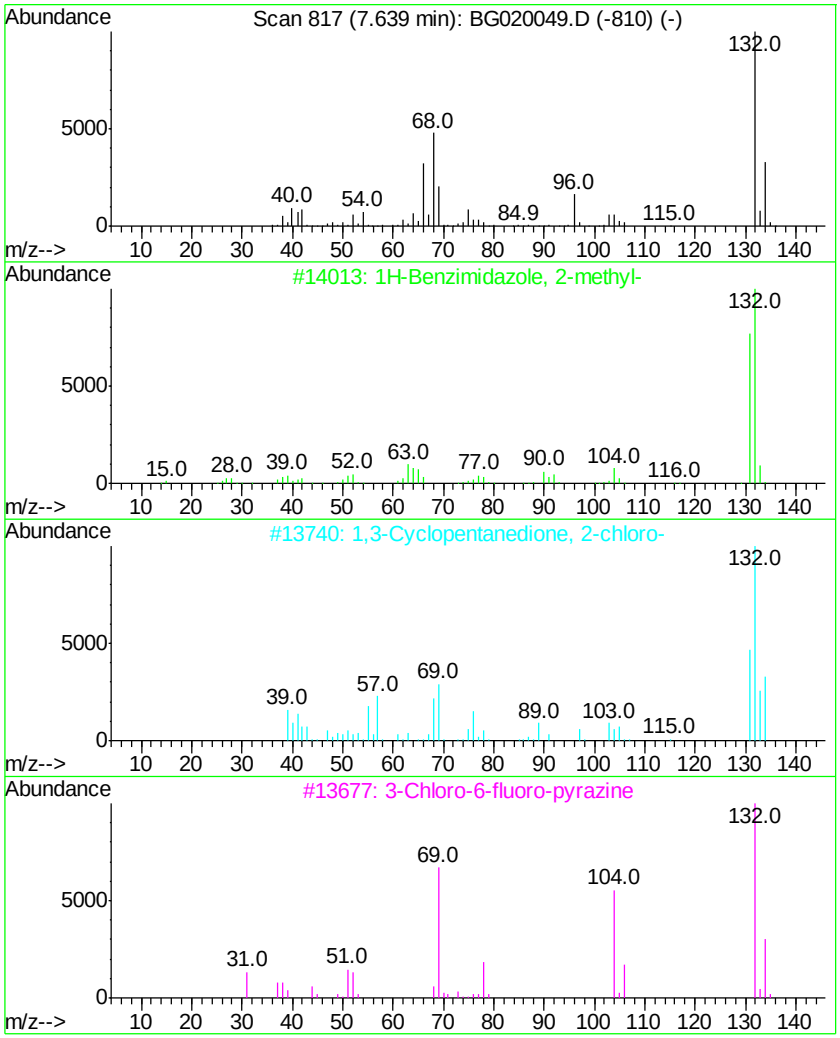
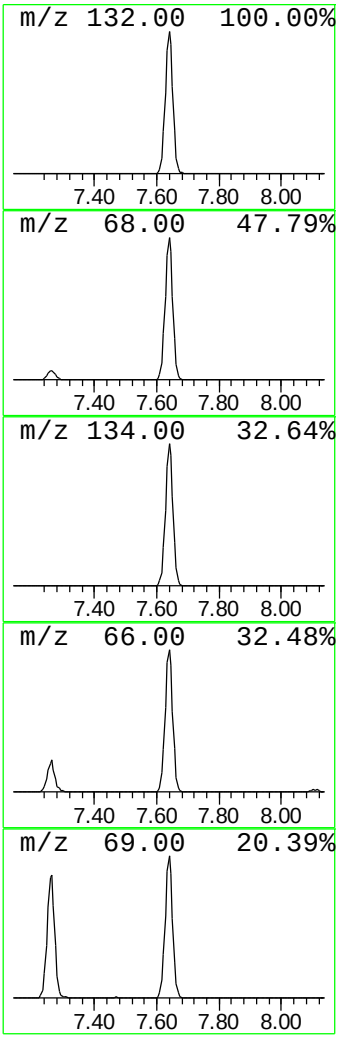
Peak Number 5 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	54.59 ng	671979	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
Data File : BG020049.D
Acq On : 9 Dec 2015 18:38
Operator : UM/SJ
Sample : G4556-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Hydrazine, 1,1-di...	2.87	119.6	ng	1471490	1	8.11	246173	20.0
Butane, 2-methoxy...	3.23	18.2	ng	224351	1	8.11	246173	20.0
2-Pentanone, 4-hy...	5.19	14.0	ng	172579	1	8.11	246173	20.0
unknown7.64	7.64	54.6	ng	671979	1	8.11	246173	20.0