LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015938.D
Acq On : 27 Jan 2015 9:09
Operator : TP/IZ
Sample : G1139-02
Misc : S
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2A

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-BG012015.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	2.823	19	23	33	rVB	178837	296026	3.53%	0.721%
2	2.905	33	37	40	rBV	231528	272016	3.24%	0.662%
3	4.814	357	362	369	rVB	252686	365091	4.35%	0.889%
4	5.279	434	441	448	rBV	1662561	2424029	28.88%	5.900%
5	6.871	703	712	722	rBV	1802884	2880737	34.33%	7.012%
6	7.223	765	772	782	rBV	1647523	2637151	31.42%	6.419%
7	7.688	844	851	859	rBV	396604	664478	7.92%	1.617%
8	8.005	897	905	914	rVB	1218201	1951122	23.25%	4.749%
9	8.839	1038	1047	1055	rBV	1141090	1826596	21.77%	4.446%
10	10.473	1317	1325	1331	rBV	534895	903188	10.76%	2.198%
11	12.946	1739	1746	1753	rBV	2858455	4255162	50.70%	10.357%
12	13.786	1885	1889	1898	rVB	274184	400096	4.77%	0.974%
13	14.327	1975	1981	1989	rVB2	926895	1402660	16.71%	3.414%
14	14.603	2021	2028	2034	rBV3	49543	87025	1.04%	0.212%
15	15.696	2202	2214	2220	rBV	161966	280186	3.34%	0.682%
16	15.819	2229	2235	2248	rBV	2793359	4209738	50.16%	10.247%
17	17.077	2442	2449	2459	rBV	1448661	2023824	24.12%	4.926%
18	17.200	2466	2470	2474	rVB6	87607	138267	1.65%	0.337%
19	17.981	2598	2603	2609	rBV8	47895	88111	1.05%	0.214%
20	19.509	2860	2863	2871	rVB7	56938	85463	1.02%	0.208%
21	19.709	2892	2897	2908	rVB	6865025	8392142	100.00%	20.427%
22	20.972	3109	3112	3117	rBV7	115863	198912	2.37%	0.484%
23	21.178	3143	3147	3151	rBV	234395	263814	3.14%	0.642%
24	21.266	3157	3162	3167	rBV	2071174	2620009	31.22%	6.377%
25	23.516	3538	3545	3557	rBV	1191595	2417623	28.81%	5.885%

Sum of corrected areas: 41083466

LSC Report - Integrated Chromatogram

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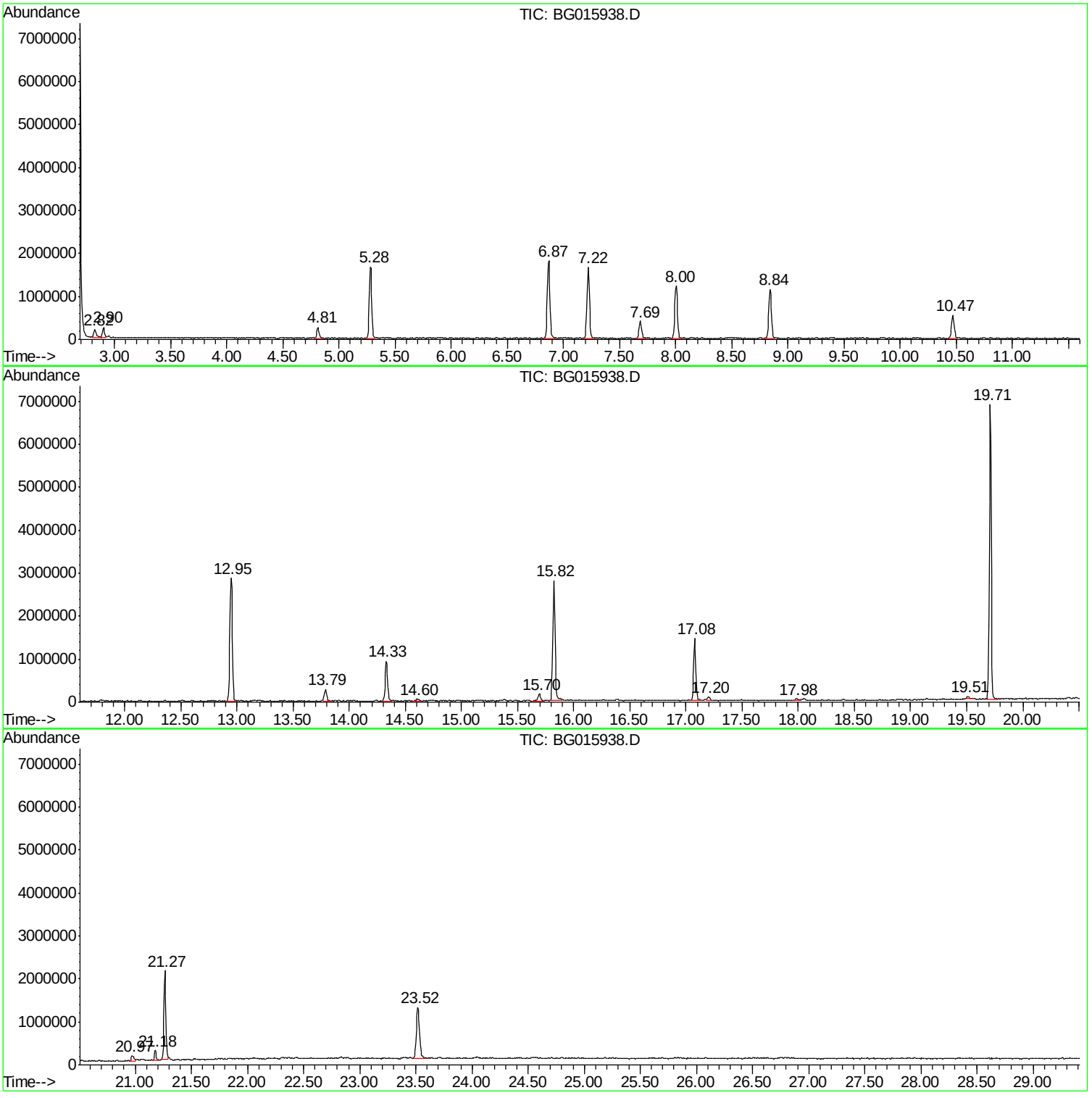
Operator : TP/IZ
Sample : G1139-02
Misc : S
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121B2A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015938.D
Acq On : 27 Jan 2015 9:09
Operator : TP/IZ
Sample : G1139-02
Misc : S
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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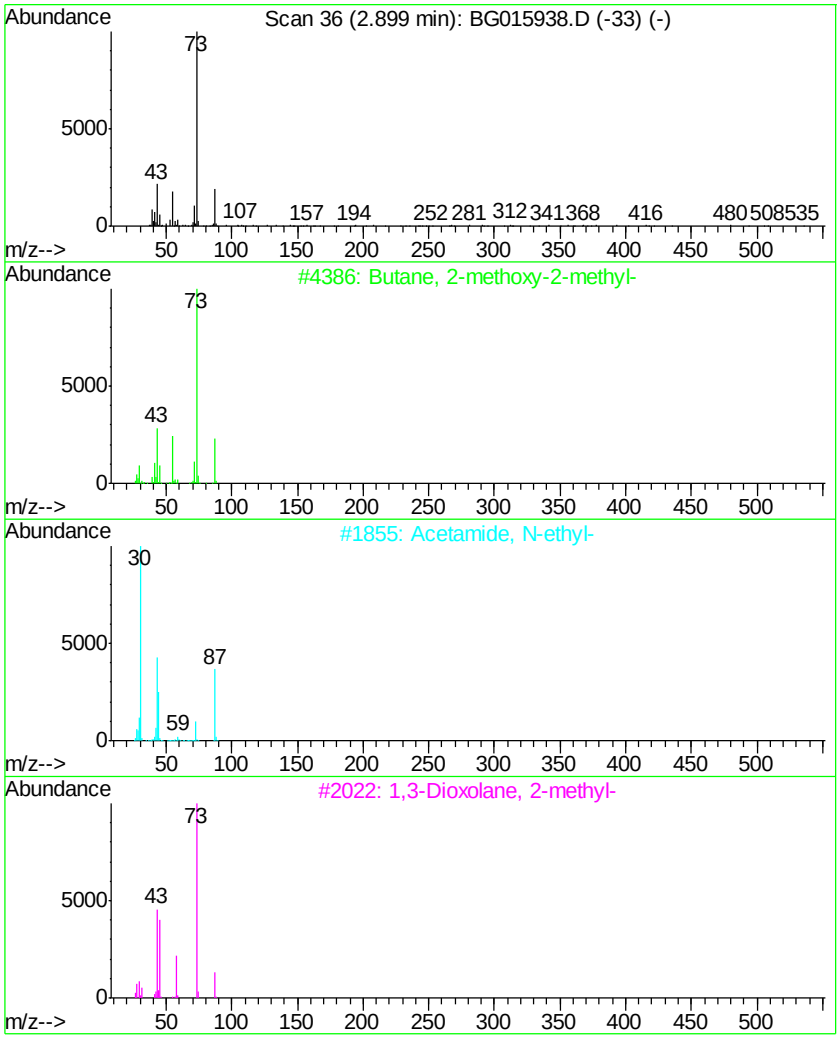
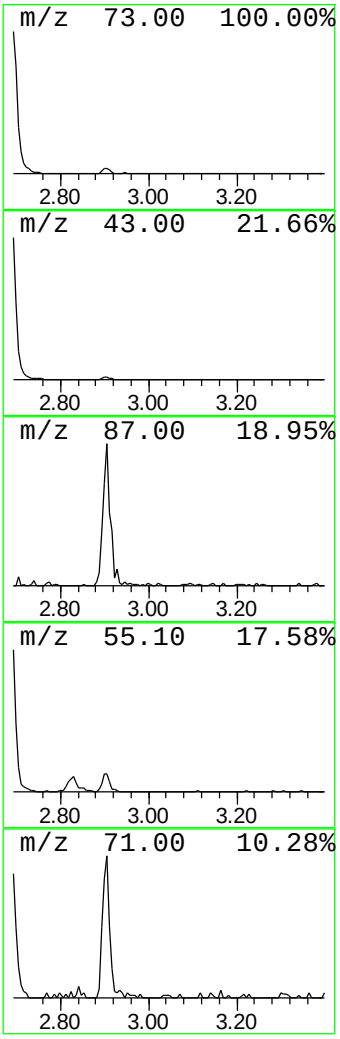
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	8.19 ng	272016	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	14
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG015938.D
Acq On : 27 Jan 2015 9:09
Operator : TP/IZ
Sample : G1139-02
Misc : S
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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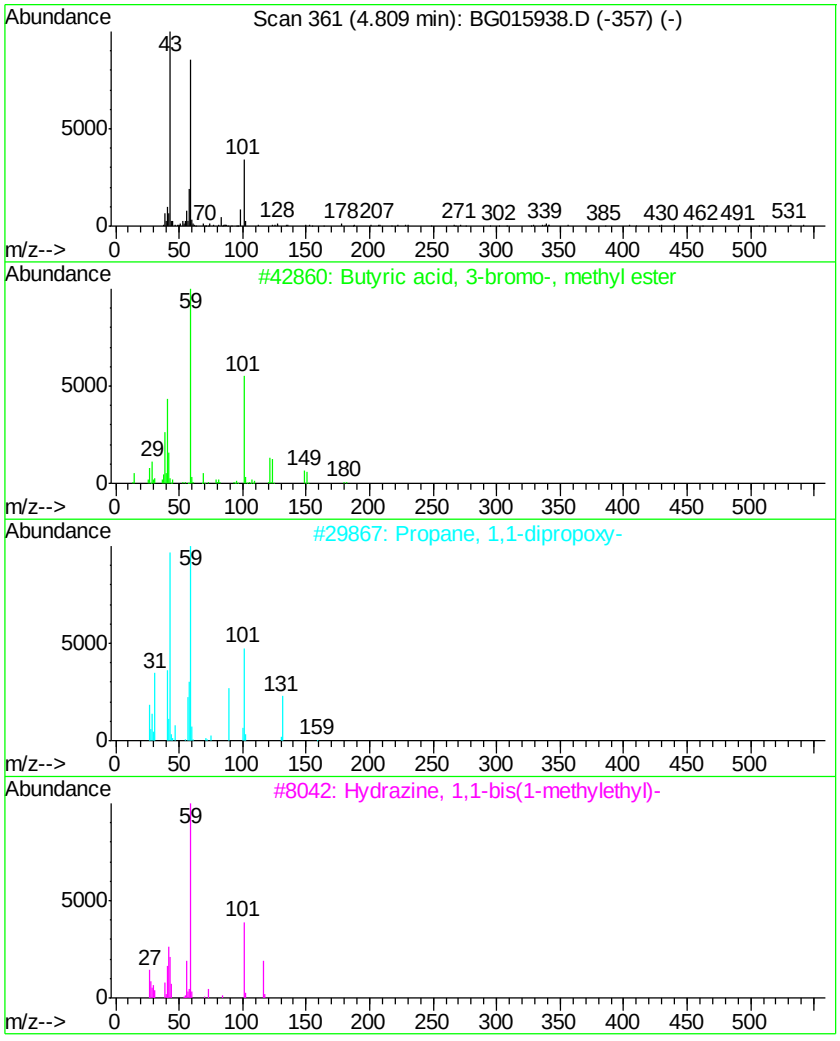
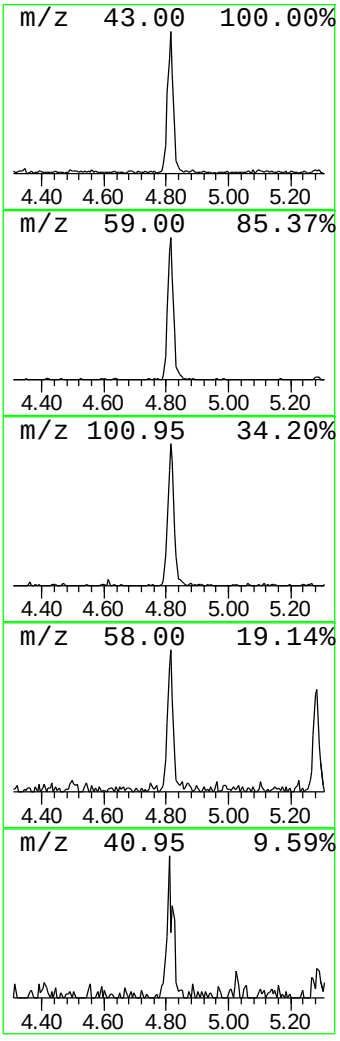
Peak Number 3 unknown4.81 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	10.99 ng	365091	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyric acid, 3-bromo-, methyl e...	180	C5H9BrO2	021249-59-2	45
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	40
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
5	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	36





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015938.D
Acq On : 27 Jan 2015 9:09
Operator : TP/IZ
Sample : G1139-02
Misc : S
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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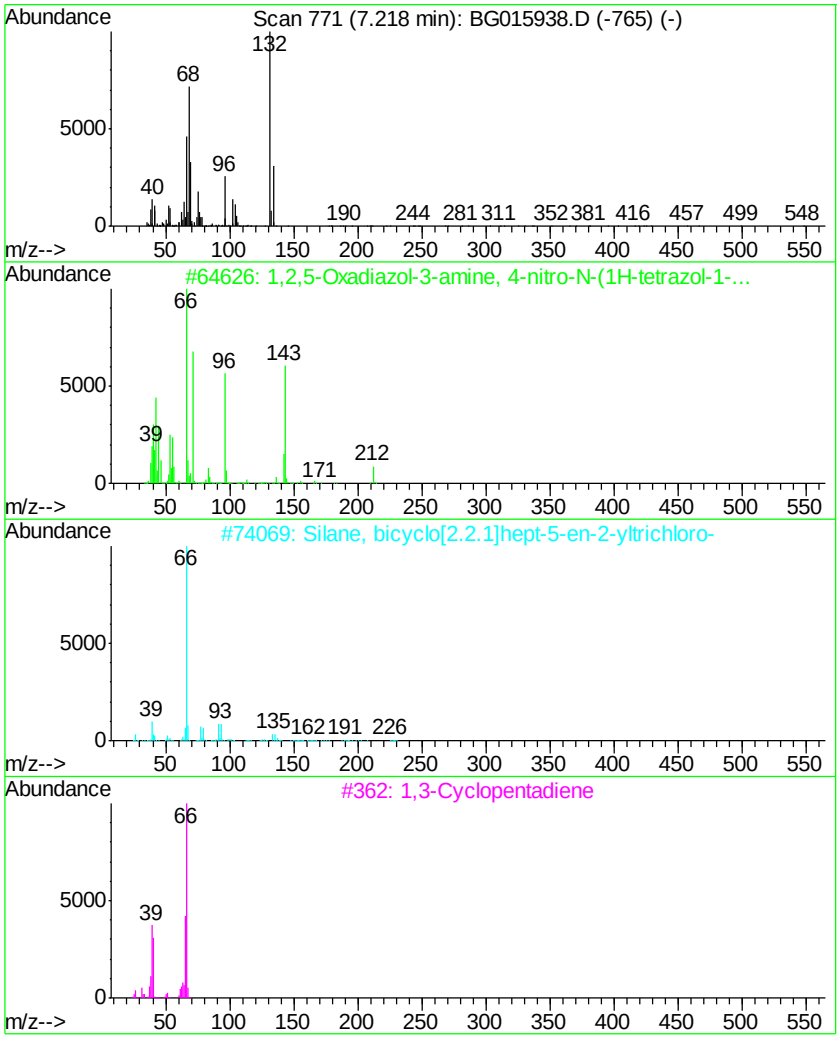
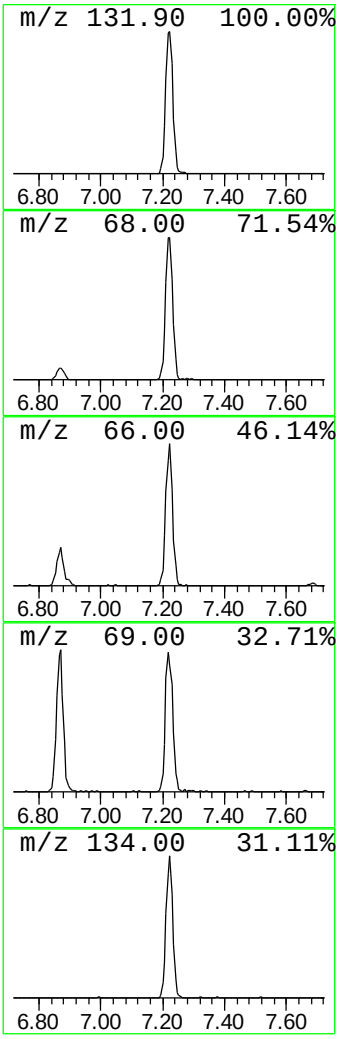
Peak Number 4 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	79.38 ng	2637150	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Oxadiazol-3-amine, 4-nitro...	212	C4H4N8O3	1000277-41-1	32
2	Silane, bicyclo[2.2.1]hept-5-en-...	226	C7H9Cl3Si	014319-64-3	25
3	1,3-Cyclopentadiene	66	C5H6	000542-92-7	25
4	Bicyclo[3.2.0]hept-2-en-6-one	108	C7H8O	013173-09-6	25
5	Tricyclo[8.2.1.0(2,9)]trideca-5,...	188	C13H16O	1000163-11-3	23





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Acq On : 27 Jan 2015 9:09
Operator : TP/IZ
Sample : G1139-02
Misc : S
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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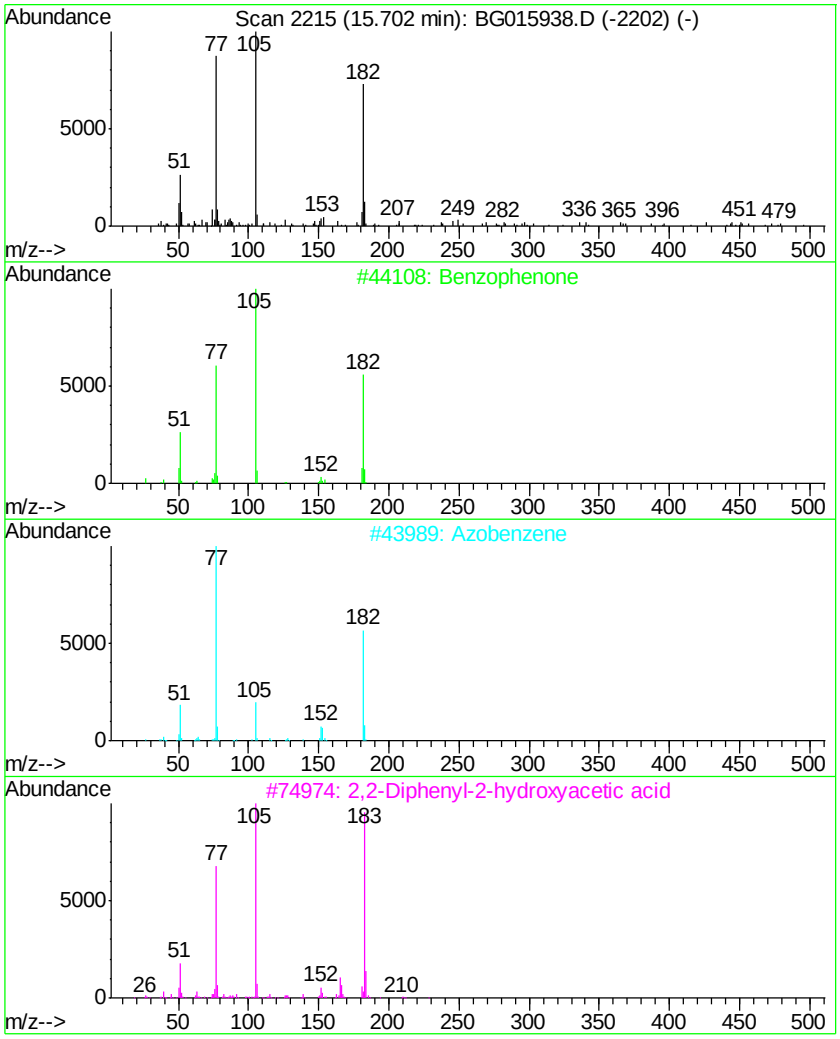
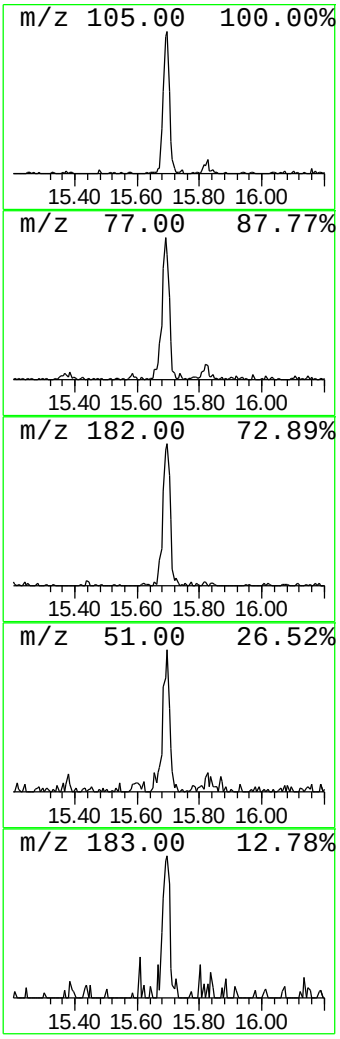
Peak Number 6 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	4.00 ng	280186	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	2,2-Diphenyl-2-hydroxyacetic acid	228	C14H12O3	000076-93-7	50
4	Benzoylformic acid	150	C8H6O3	000611-73-4	49
5	Propan-1-one, 3-nitro-1-phenyl-	179	C9H9NO3	062847-52-3	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015938.D
Acq On : 27 Jan 2015 9:09
Operator : TP/IZ
Sample : G1139-02
Misc : S
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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
Butane, 2-methoxy...	2.90	8.2	ng	272016	1	7.69	664478	20.0
unknown4.81	4.81	11.0	ng	365091	1	7.69	664478	20.0
unknown7.22	7.22	79.4	ng	2637150	1	7.69	664478	20.0
Benzophenone	15.70	4.0	ng	280186	3	14.33	1402660	20.0