LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020115.D
Acq On : 11 Dec 2015 20:46
Operator : UM/SJ
Sample : G4729-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-20

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	3.126	43	49	58	rBV	43664	95030	4.98%	1.241%
2	3.202	58	62	70	rVB	35146	53572	2.81%	0.700%
3	5.176	392	398	406	rVB	32059	47629	2.50%	0.622%
4	5.646	472	478	488	rBV	143622	223301	11.70%	2.917%
5	7.250	743	751	758	rVB	96136	161010	8.44%	2.103%
6	7.626	808	815	824	rBV	258058	444416	23.29%	5.806%
7	8.102	890	896	902	rVB	65547	112688	5.91%	1.472%
8	8.425	944	951	959	rBV	241098	413308	21.66%	5.399%
9	9.265	1086	1094	1103	rVB	209002	374134	19.61%	4.888%
10	10.916	1368	1375	1381	rBV	96079	167434	8.77%	2.187%
11	13.355	1782	1790	1798	rBV	674261	1019761	53.44%	13.322%
12	14.730	2018	2024	2031	rVB2	172607	269373	14.12%	3.519%
13	16.210	2270	2276	2287	rBV	605039	931702	48.83%	12.172%
14	17.468	2483	2490	2497	rBV2	241051	376186	19.71%	4.914%
15	17.820	2544	2550	2560	rBV2	15003	24207	1.27%	0.316%
16	18.337	2634	2638	2646	rBV3	13128	19221	1.01%	0.251%
17	19.606	2847	2854	2859	rBV3	18698	26189	1.37%	0.342%
18	19.712	2866	2872	2877	rBV	37723	54250	2.84%	0.709%
19	20.070	2927	2933	2939	rBV	1487407	1908188	100.00%	24.928%
20	21.216	3123	3128	3136	rVB	16569	26586	1.39%	0.347%
21	21.739	3210	3217	3225	rBV	297051	473087	24.79%	6.180%
22	25.006	3762	3773	3785	rVB	156028	433496	22.72%	5.663%

Sum of corrected areas: 7654768

LSC Report - Integrated Chromatogram

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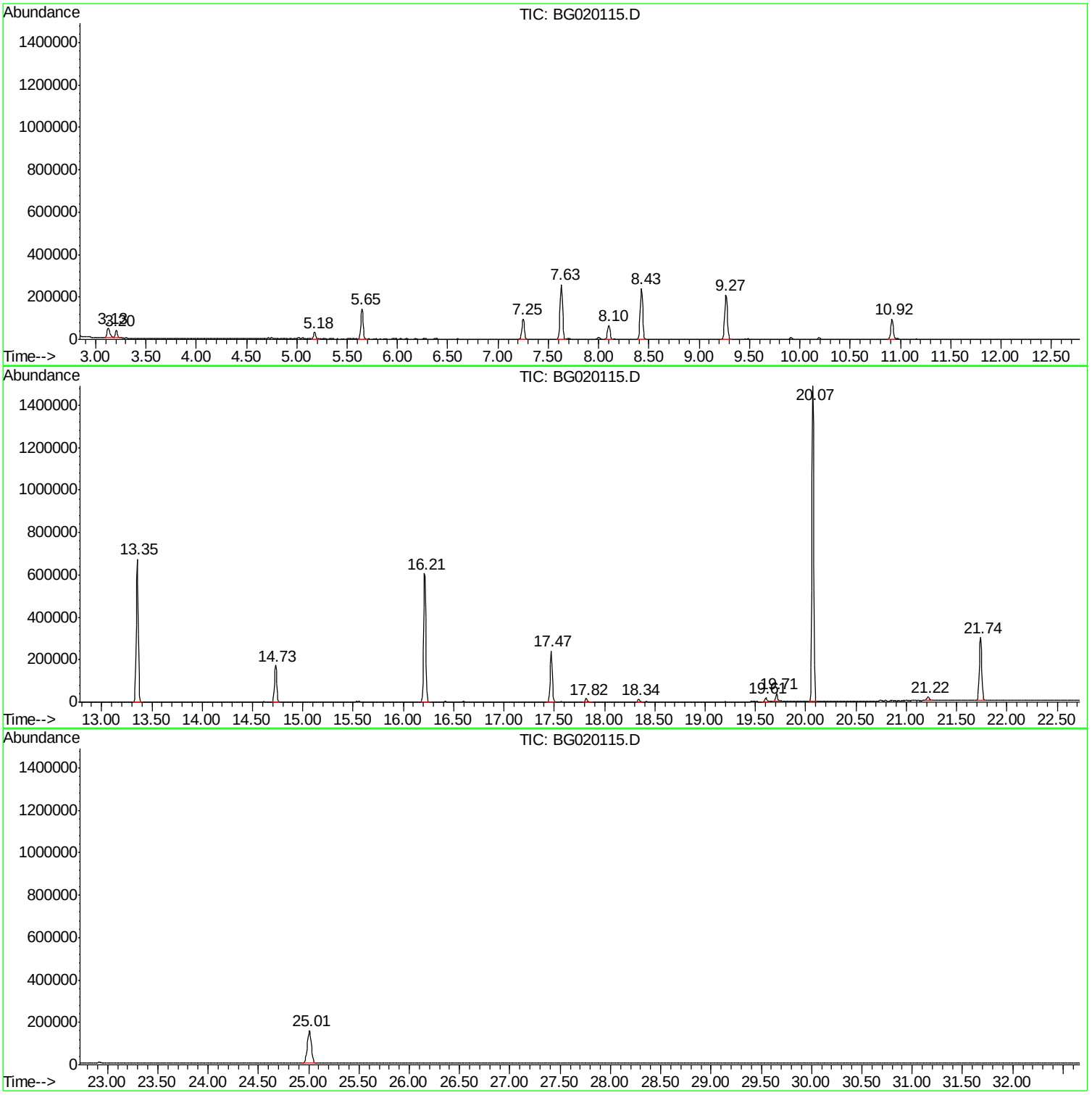
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-20

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020115.D
Acq On : 11 Dec 2015 20:46
Operator : UM/SJ
Sample : G4729-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
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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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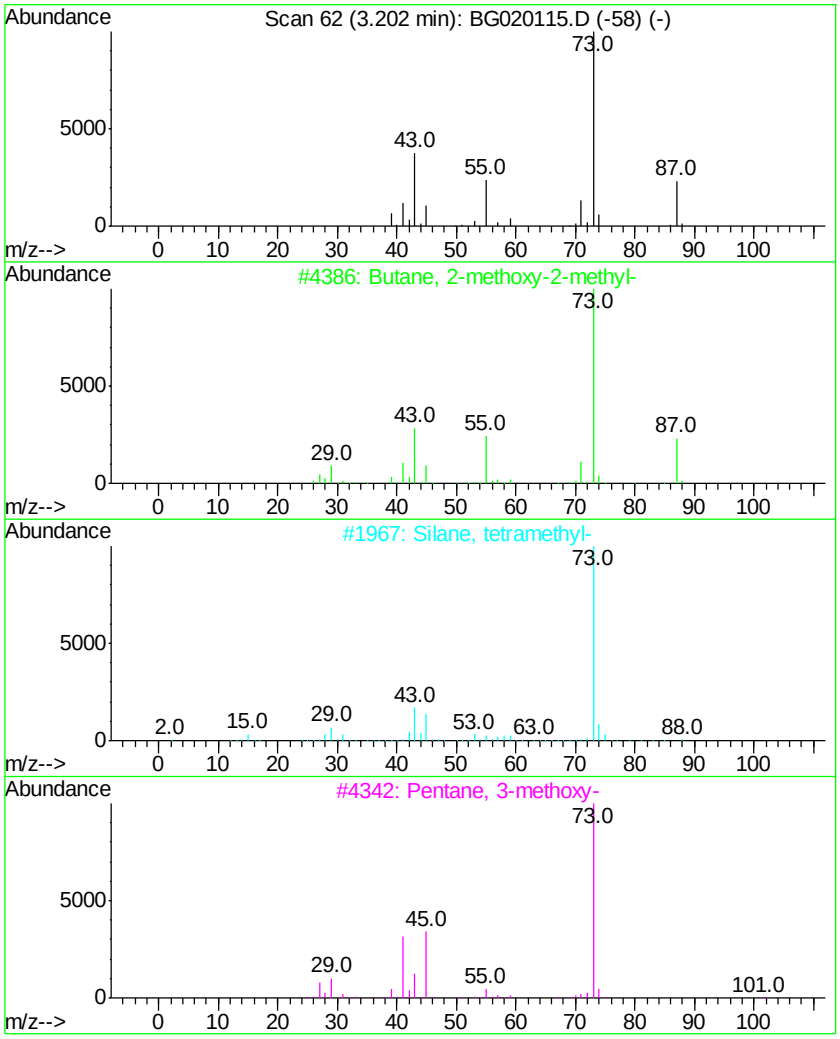
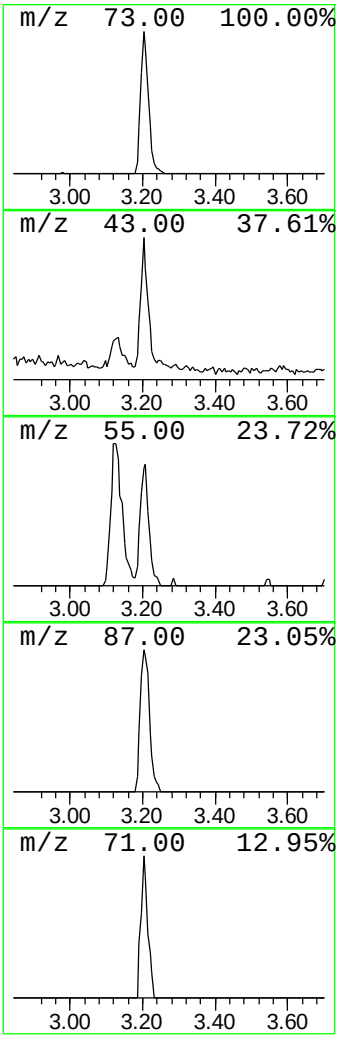
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	9.51 ng	53572	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020115.D
Acq On : 11 Dec 2015 20:46
Operator : UM/SJ
Sample : G4729-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-20

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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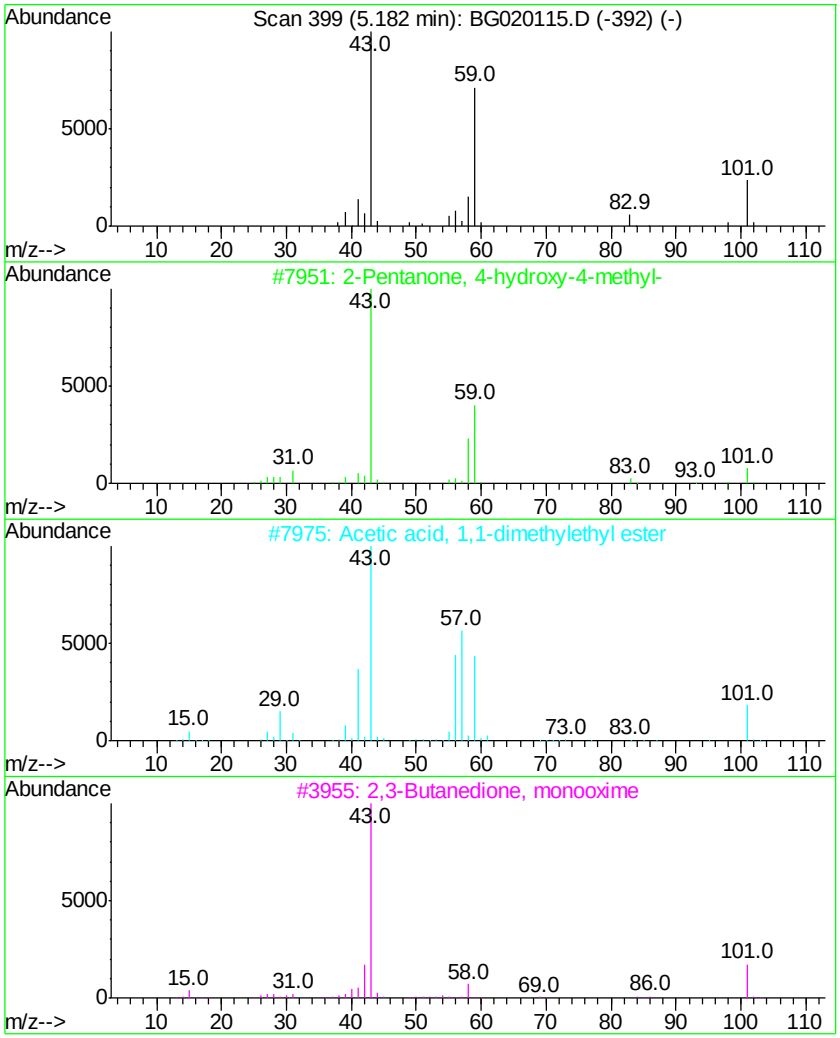
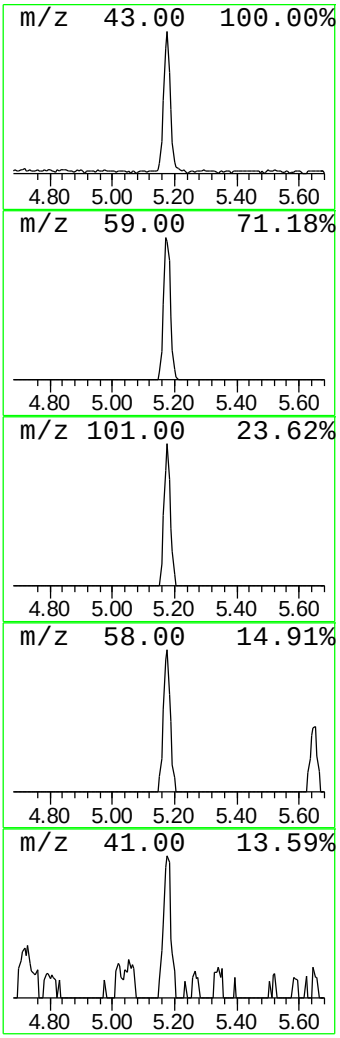
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	8.45 ng	47629	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
5	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25





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Data File : BG020115.D
Acq On : 11 Dec 2015 20:46
Operator : UM/SJ
Sample : G4729-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-20

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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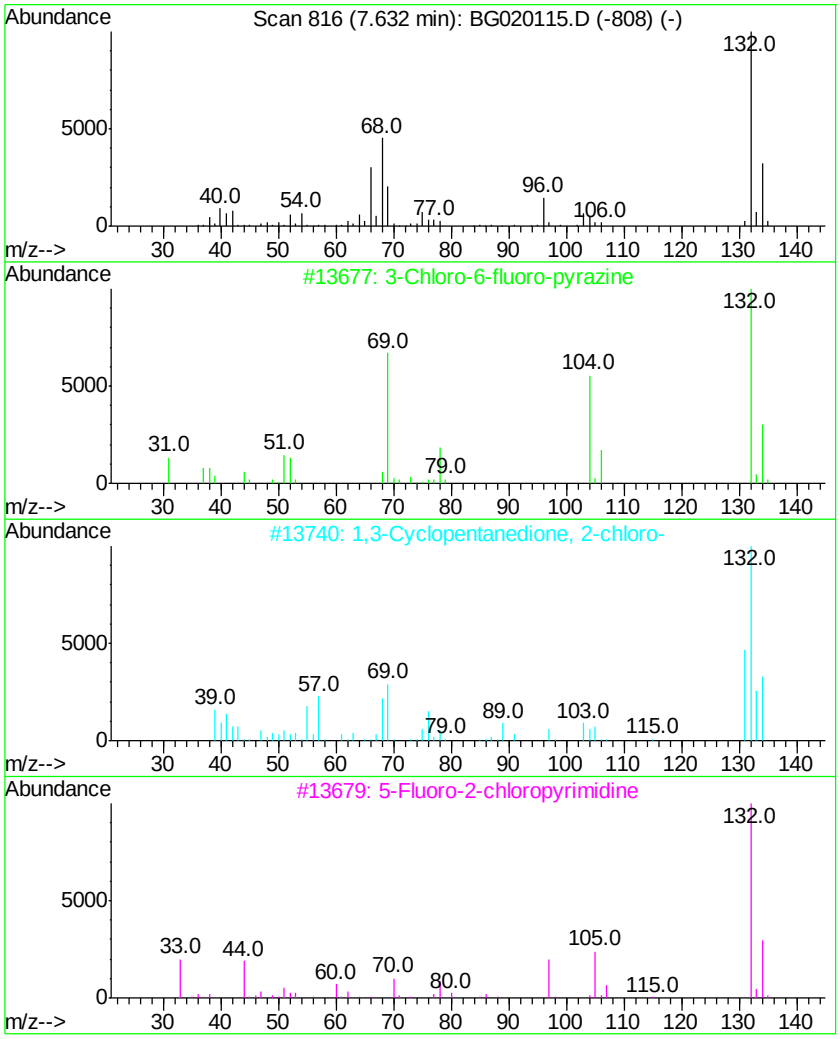
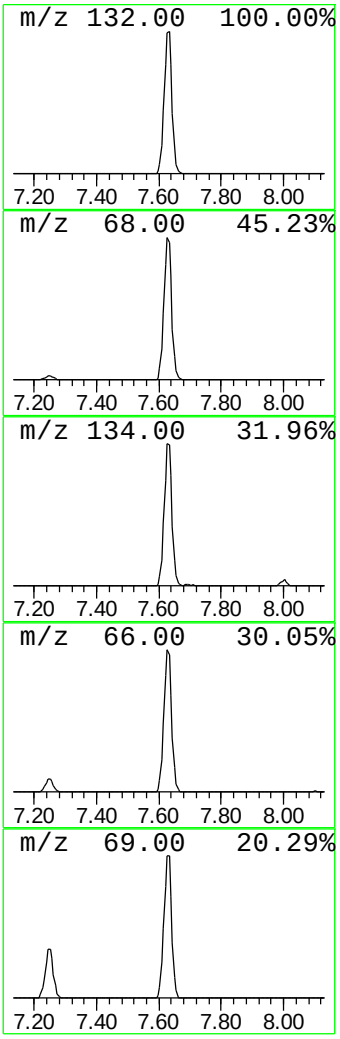
Peak Number 4 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	78.88 ng	444416	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BG020115.D
Acq On : 11 Dec 2015 20:46
Operator : UM/SJ
Sample : G4729-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-20

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

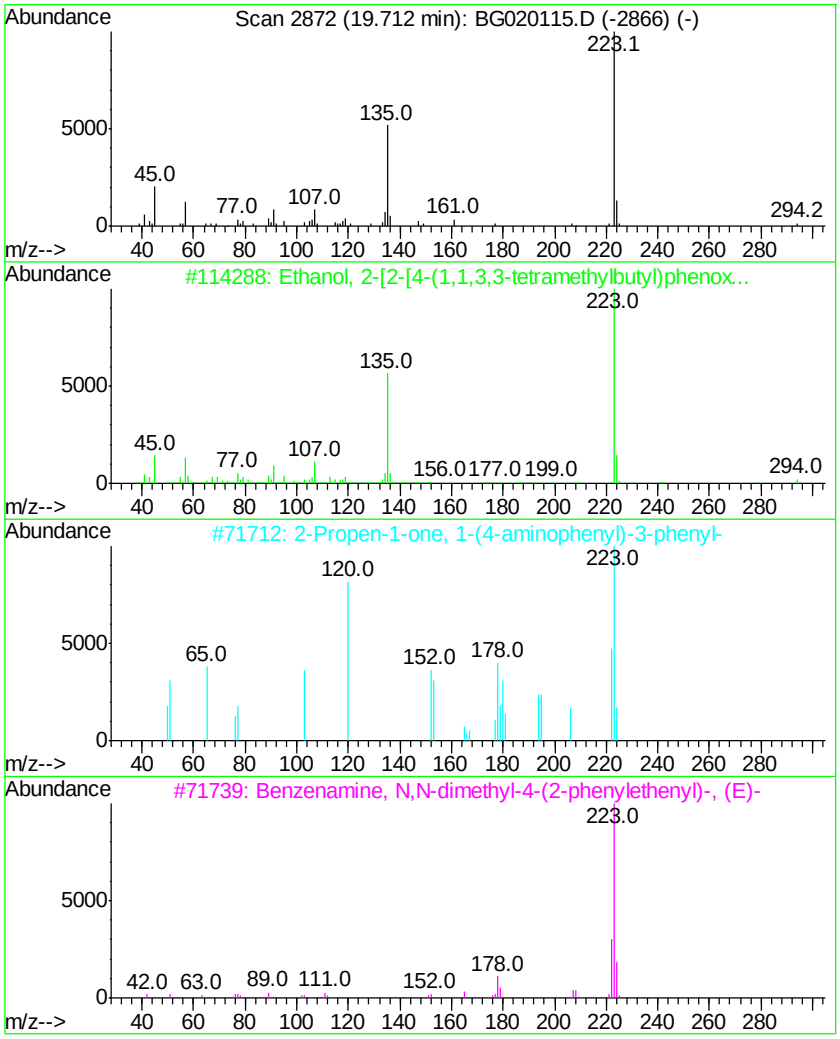
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

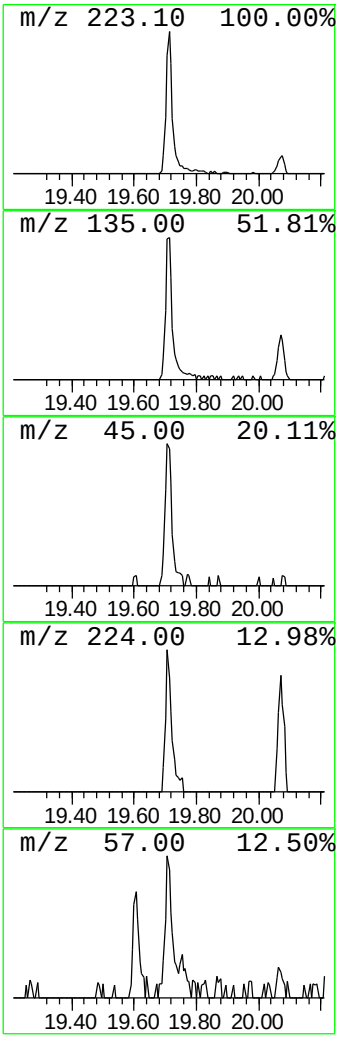
****

Peak Number 6 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.29 ng	54250	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	96
2	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	43
3	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	000838-95-9	38
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	38
5	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	001145-73-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020115.D
Acq On : 11 Dec 2015 20:46
Operator : UM/SJ
Sample : G4729-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-20

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
Butane, 2-methoxy...	3.20	9.5	ng	53572	1	8.10	112688	20.0
2-Pentanone, 4-hy...	5.18	8.4	ng	47629	1	8.10	112688	20.0
unknown7.63	7.63	78.9	ng	444416	1	8.10	112688	20.0
Ethanol, 2-[2-[4-...	19.71	2.3	ng	54250	5	21.74	473087	20.0