LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019889.D
Acq On : 4 Dec 2015 3:08
Operator : UM/NP
Sample : G4598-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112715-A263-F-U-B

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	3.137	46	51	60	rBV	59928	118033	4.01%	1.065%
2	3.220	60	65	76	rVB	139352	206478	7.02%	1.864%
3	5.194	396	401	408	rVB	24858	37481	1.27%	0.338%
4	5.658	474	480	489	rVB	159107	248011	8.44%	2.238%
5	7.262	746	753	762	rVB	110187	188314	6.40%	1.700%
6	7.644	811	818	828	rBV	294859	504333	17.15%	4.552%
7	8.120	892	899	907	rBV2	98238	161202	5.48%	1.455%
8	8.443	947	954	963	rVB	388713	672944	22.89%	6.074%
9	9.289	1090	1098	1107	rBV	338968	605505	20.59%	5.465%
10	10.940	1370	1379	1386	rBV	142209	245589	8.35%	2.217%
11	13.378	1786	1794	1801	rBV	1126673	1694563	57.63%	15.295%
12	14.195	1926	1933	1938	rBV	21383	29424	1.00%	0.266%
13	14.753	2021	2028	2035	rVB2	240114	394538	13.42%	3.561%
14	16.228	2273	2279	2291	rBV	638379	978057	33.26%	8.828%
15	17.491	2488	2494	2501	rBV	349716	528800	17.99%	4.773%
16	18.367	2640	2643	2651	rBV3	31907	48668	1.66%	0.439%
17	18.895	2727	2733	2742	rBV	48914	83239	2.83%	0.751%
18	19.636	2855	2859	2866	rBV3	36068	52037	1.77%	0.470%
19	20.100	2928	2938	2943	rBV	2170992	2940226	100.00%	26.537%
20	21.404	3156	3160	3165	rBV6	20823	32946	1.12%	0.297%
21	21.768	3216	3222	3229	rBV	413939	677720	23.05%	6.117%
22	25.059	3771	3782	3793	rBV3	220476	631447	21.48%	5.699%

Sum of corrected areas: 11079555

LSC Report - Integrated Chromatogram

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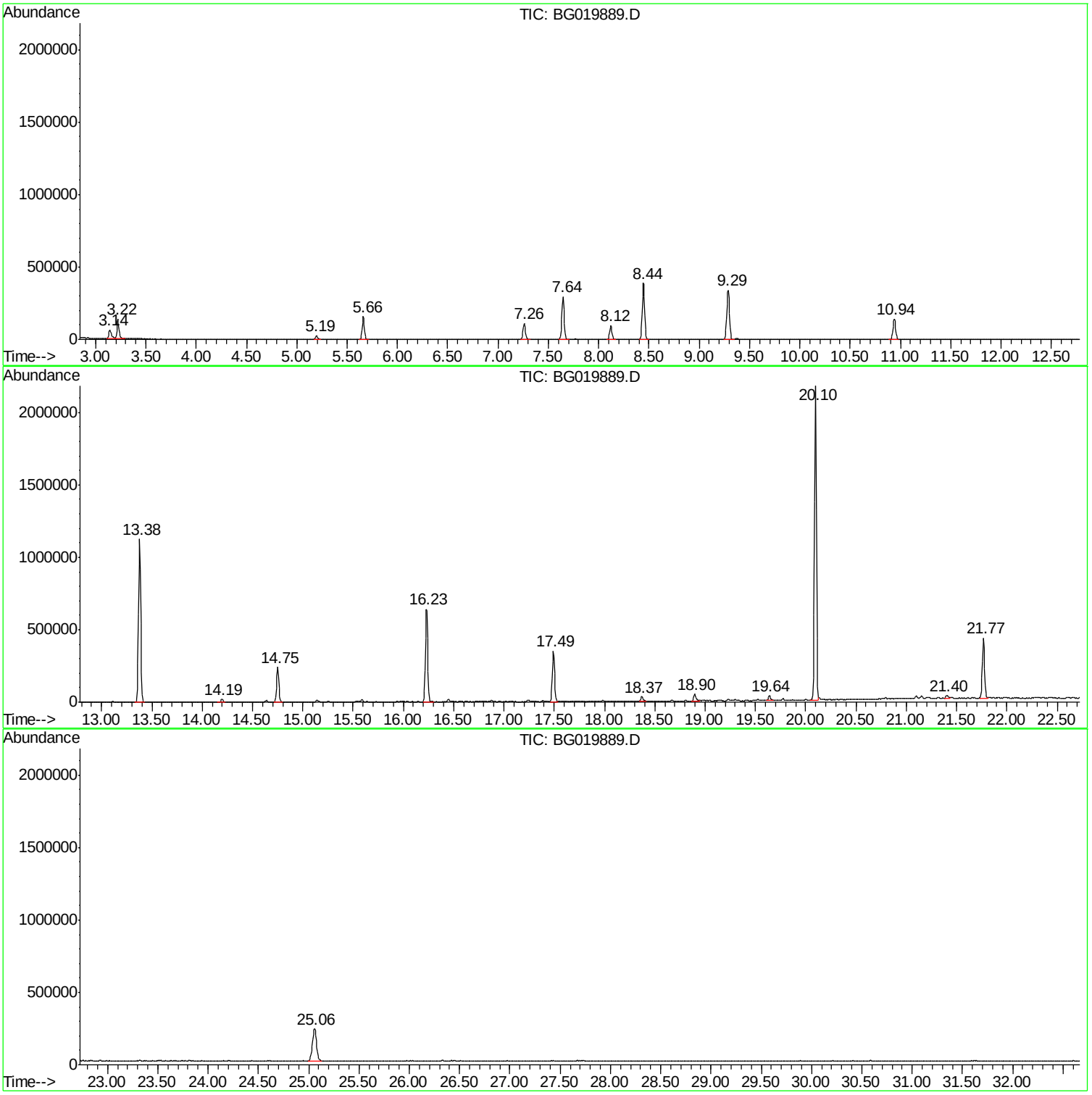
Instrument : BNA_G
ClientSampleId : 112715-A263-F-U-B

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\BG120315\
Data File : BG019889.D
Acq On : 4 Dec 2015 3:08
Operator : UM/NP
Sample : G4598-01
Misc :
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ClientSampleId : 112715-A263-F-U-B

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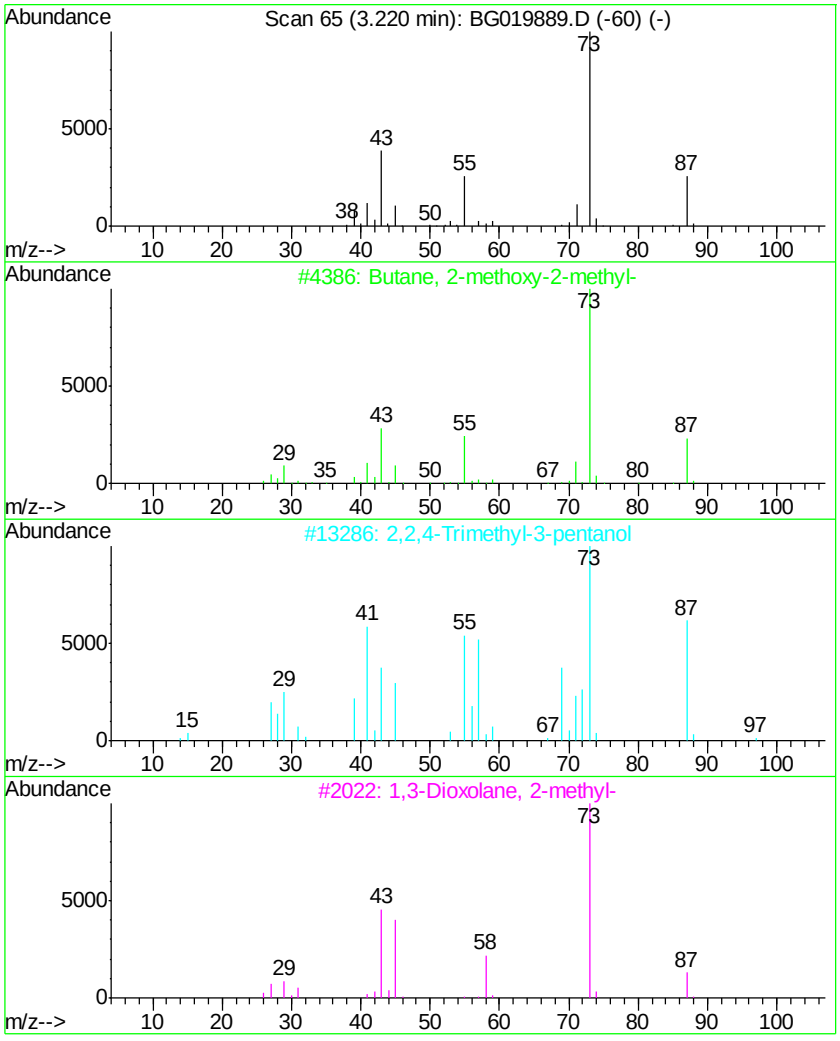
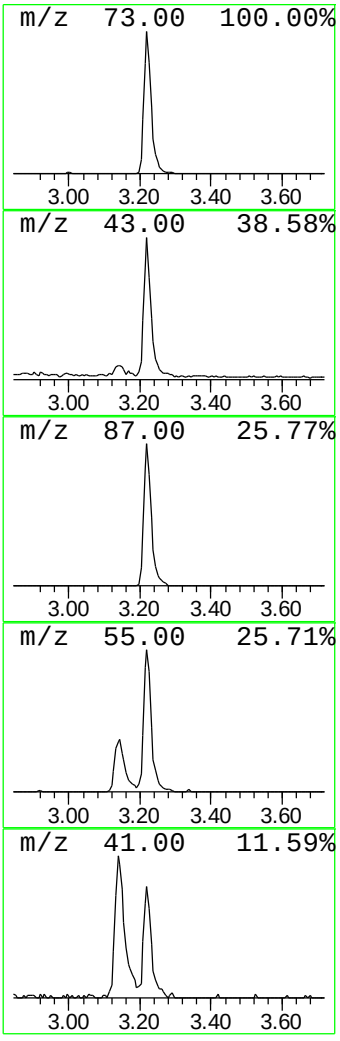
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	25.62 ng	206478	1,4-Dichlorobenzene-d4	8.12

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	50
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Acq On : 4 Dec 2015 3:08
Operator : UM/NP
Sample : G4598-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112715-A263-F-U-B

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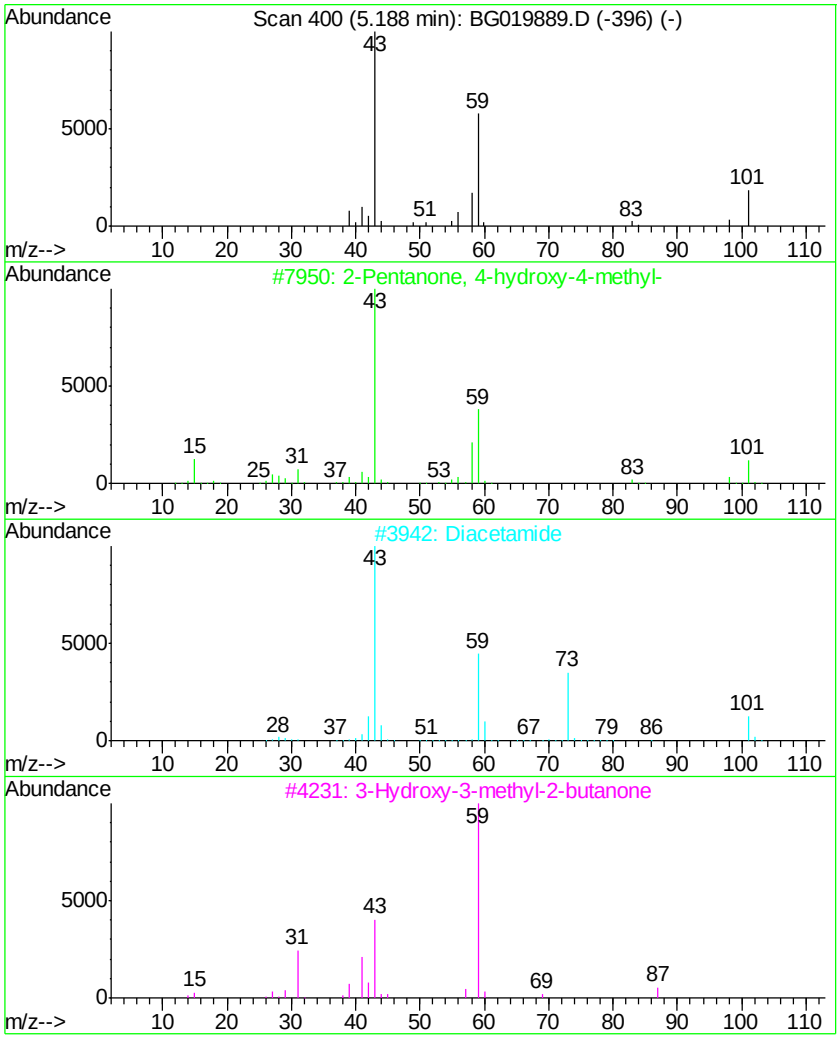
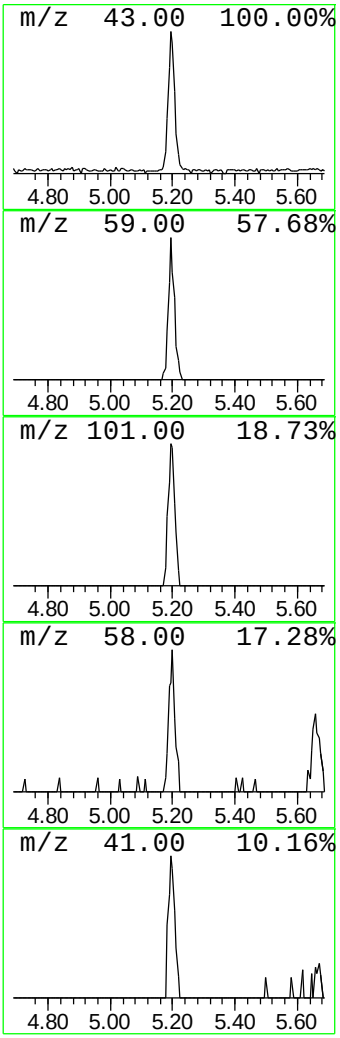
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.65 ng	37481	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Diacetamide	101	C4H7NO2	000625-77-4	9
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Data File : BG019889.D
Acq On : 4 Dec 2015 3:08
Operator : UM/NP
Sample : G4598-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112715-A263-F-U-B

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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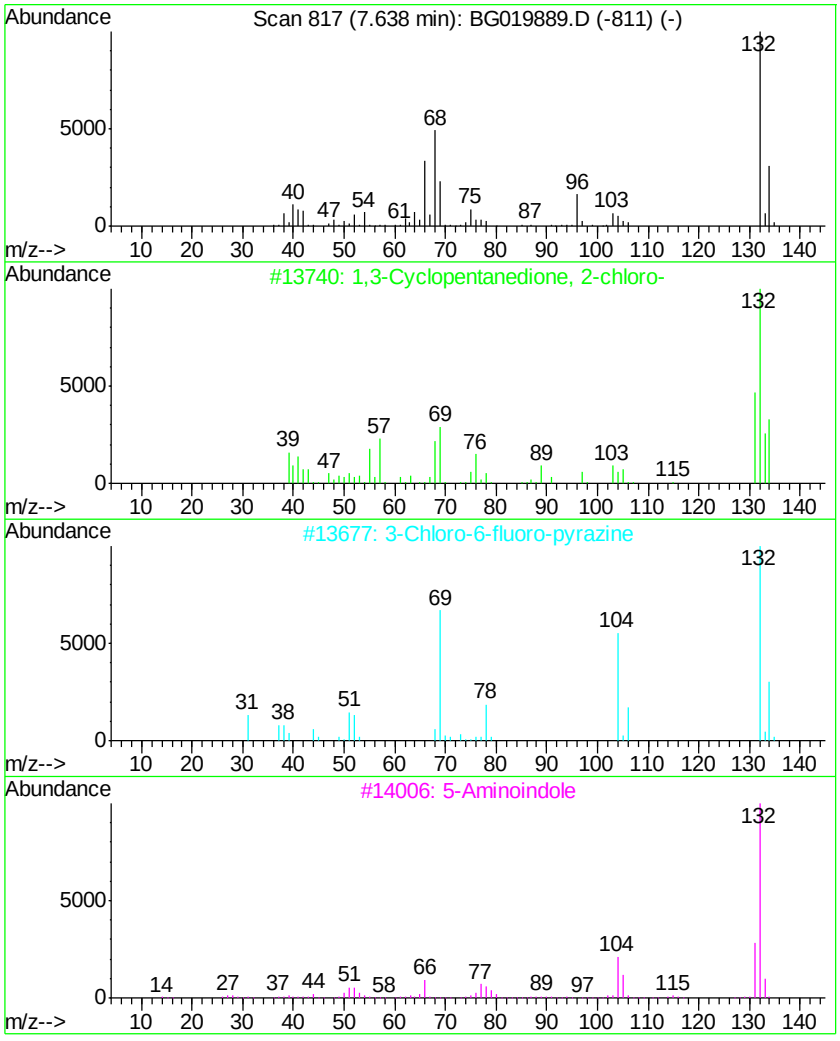
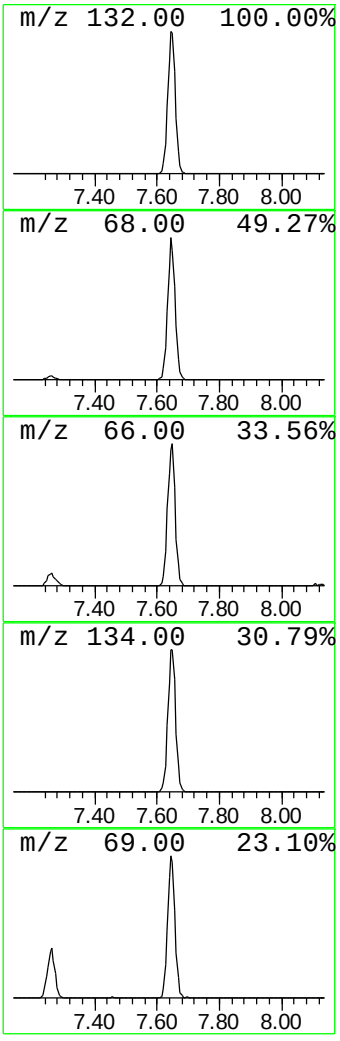
Peak Number 4 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	62.57 ng	504333	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	14





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Data File : BG019889.D
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Operator : UM/NP
Sample : G4598-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112715-A263-F-U-B

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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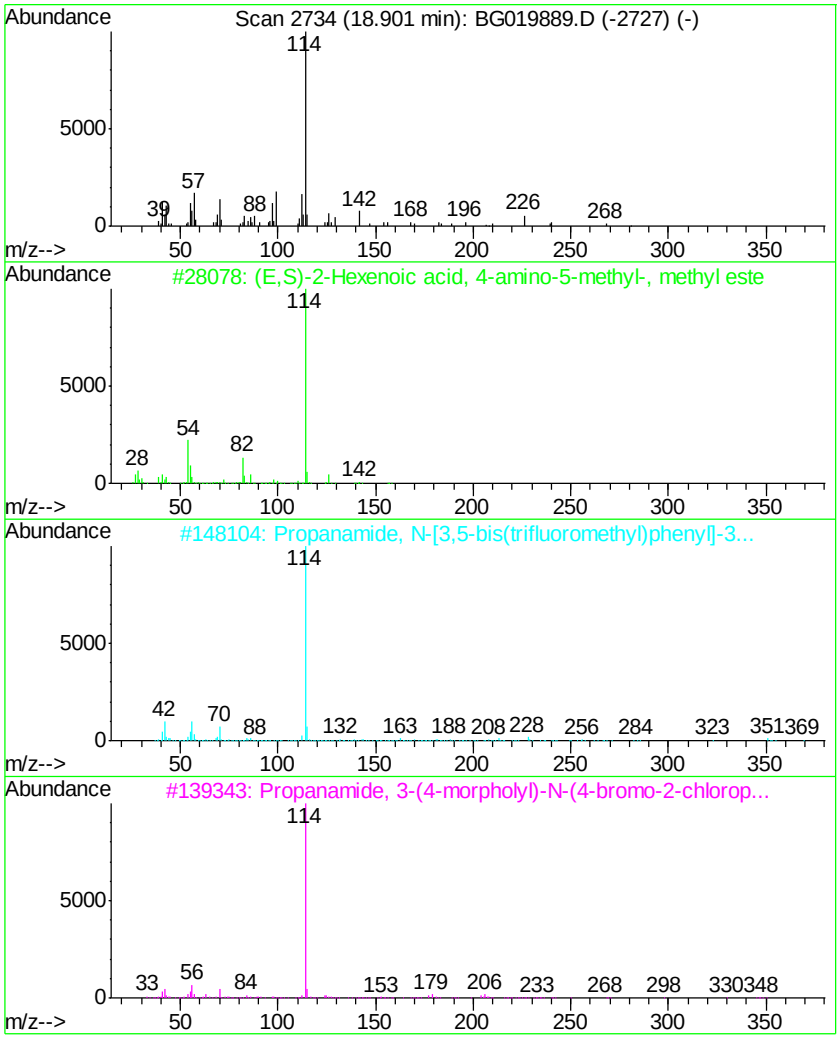
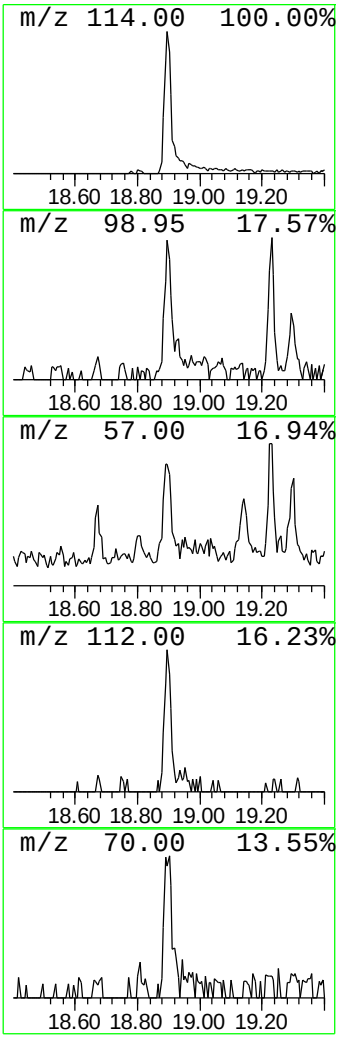
Peak Number 6 unknown18.90 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.15 ng	83239	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E,S)-2-Hexenoic acid, 4-amino-5...	157	C8H15NO2	1000163-78-4	47
2	Propanamide, N-[3,5-bis(trifluor...	370	C15H16F6N2O2	1000268-58-0	40
3	Propanamide, 3-(4-morpholyl)-N-(...	346	C13H16BrClN2O2	1000266-68-9	40
4	Oxazolidine, 2,2-diethyl-3-methyl-	143	C8H17NO	161500-43-2	40
5	Veratraman-3,23-diol, 14,15,16,1...	409	C27H39NO2	000060-70-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
Data File : BG019889.D
Acq On : 4 Dec 2015 3:08
Operator : UM/NP
Sample : G4598-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112715-A263-F-U-B

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...	3.22	25.6	ng	206478	1	8.12	161202	20.0
2-Pentanone, 4-hy...	5.19	4.7	ng	37481	1	8.12	161202	20.0
unknown7.64	7.64	62.6	ng	504333	1	8.12	161202	20.0
unknown18.90	18.90	3.1	ng	83239	4	17.49	528800	20.0