LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
Data File : BG019847.D
Acq On : 2 Dec 2015 23:13
Operator : UM/NP
Sample : G4585-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-P3WC-15(0-8)

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	3.145	46	52	60	rBV2	47916	100064	3.89%	0.879%
2	3.239	63	68	83	rVB	173069	248998	9.67%	2.186%
3	5.207	397	403	410	rVB	93836	141810	5.51%	1.245%
4	5.672	476	482	489	rVB	376536	578553	22.47%	5.080%
5	7.270	747	754	763	rVB	359022	597079	23.19%	5.243%
6	7.658	812	820	828	rVB	403491	680584	26.43%	5.976%
7	8.128	893	900	907	rVB	74958	124242	4.82%	1.091%
8	8.457	948	956	962	rBV	304948	523348	20.32%	4.595%
9	8.668	985	992	1000	rVB	21119	35612	1.38%	0.313%
10	9.297	1091	1099	1107	rVB	260845	456492	17.73%	4.008%
11	10.948	1372	1380	1384	rBV	100387	183664	7.13%	1.613%
12	11.001	1384	1389	1396	rVB	405529	706760	27.45%	6.206%
13	12.599	1654	1661	1667	rVB	32478	52102	2.02%	0.457%
14	12.816	1688	1698	1703	rBV	30895	47078	1.83%	0.413%
15	13.386	1788	1795	1804	rVB	770253	1161286	45.10%	10.197%
16	14.761	2020	2029	2035	rBV2	172401	275762	10.71%	2.421%
17	14.820	2035	2039	2045	rVB	72517	109380	4.25%	0.960%
18	15.801	2201	2206	2214	rVB2	26307	40147	1.56%	0.353%
19	16.242	2271	2281	2289	rBV	763335	1120901	43.53%	9.842%
20	17.505	2490	2496	2500	rBV	284458	425695	16.53%	3.738%
21	17.546	2500	2503	2510	rVB	83947	111463	4.33%	0.979%
22	20.108	2933	2939	2945	rVB	1960393	2574970	100.00%	22.609%
23	21.782	3218	3224	3231	rBV	356417	590383	22.93%	5.184%
24	25.090	3777	3787	3798	rVB2	180652	502570	19.52%	4.413%

Sum of corrected areas: 11388943

LSC Report - Integrated Chromatogram

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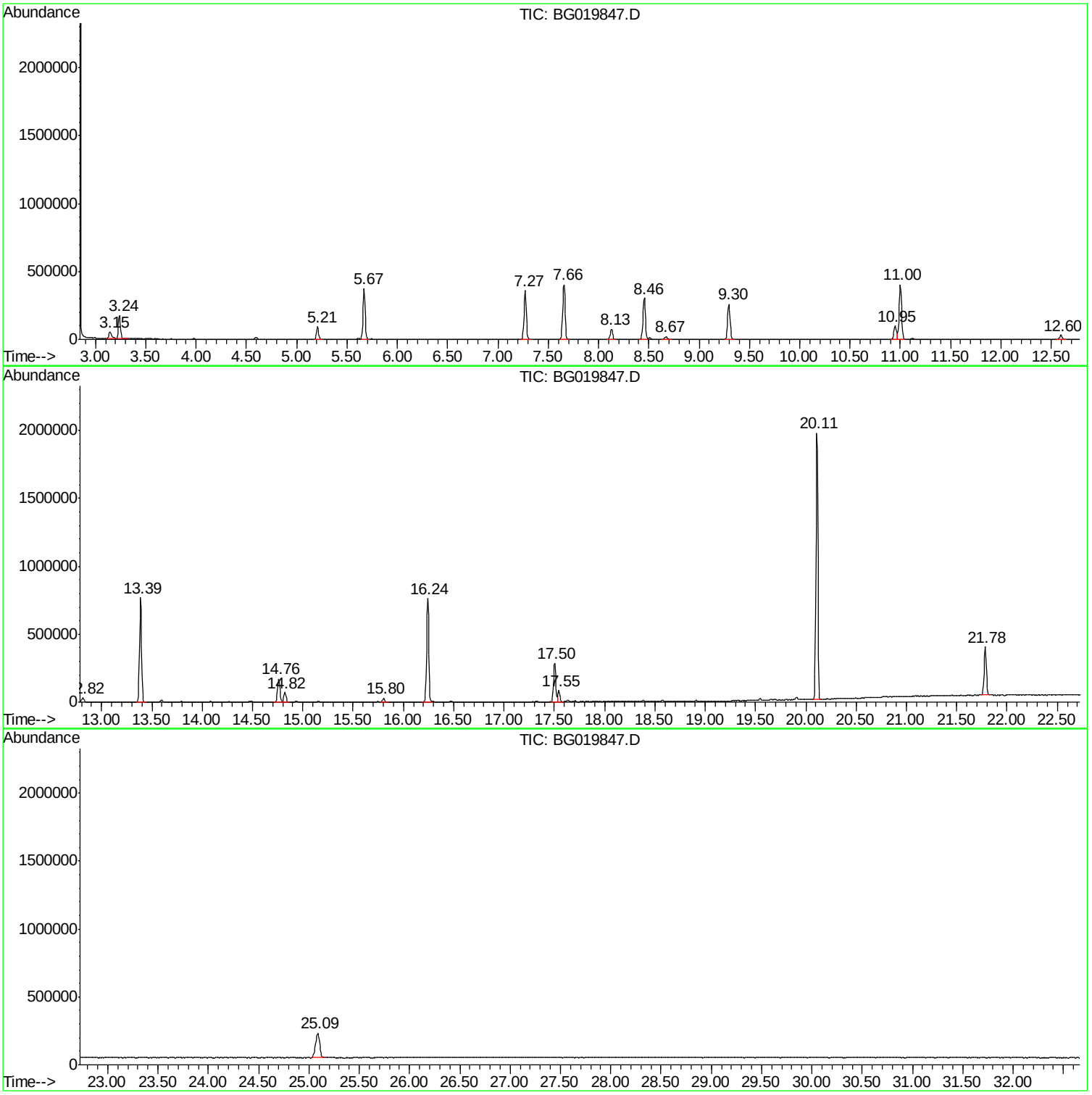
Instrument : BNA_G
ClientSampleId : SB-P3WC-15(0-8)

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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Data File : BG019847.D
Acq On : 2 Dec 2015 23:13
Operator : UM/NP
Sample : G4585-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-P3WC-15(0-8)

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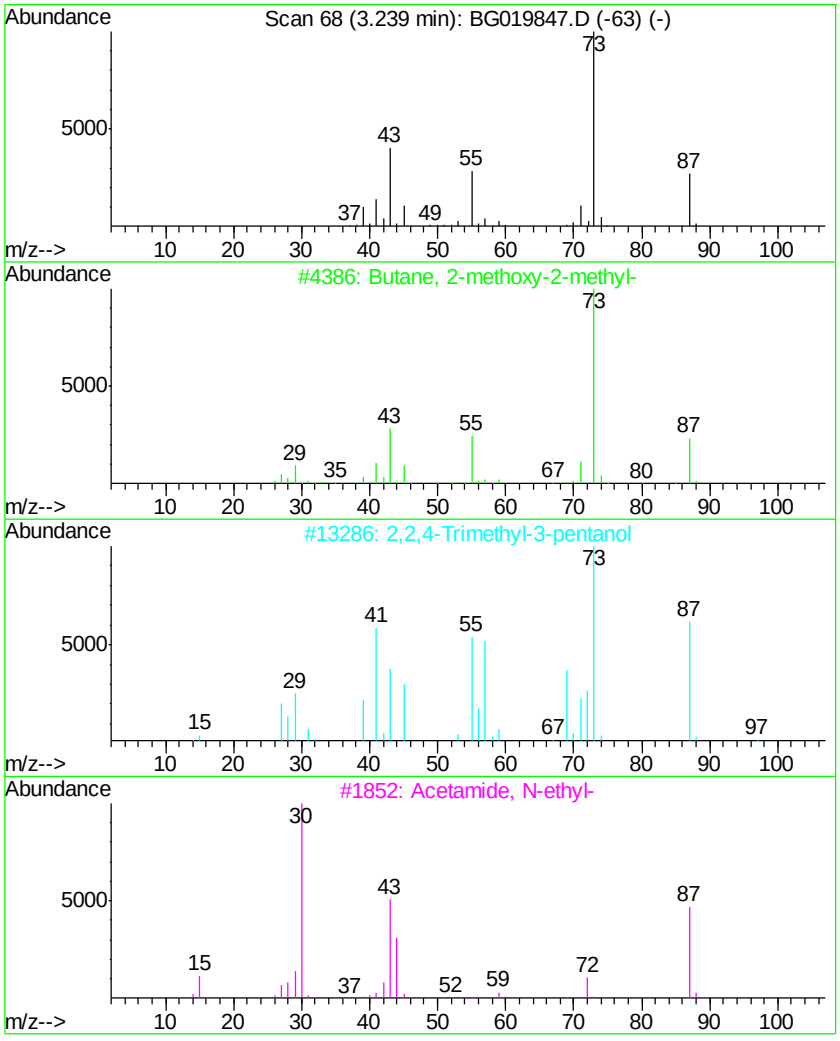
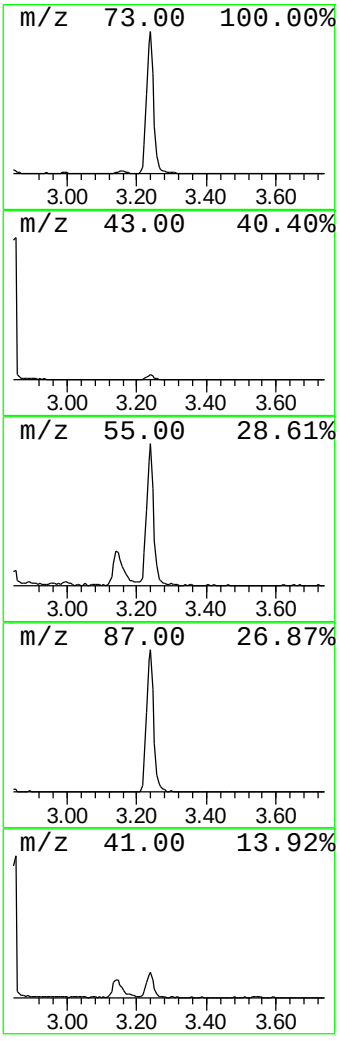
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	40.08 ng	248998	1,4-Dichlorobenzene-d4	8.13

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	14
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Instrument : BNA_G
ClientSampleId : SB-P3WC-15(0-8)

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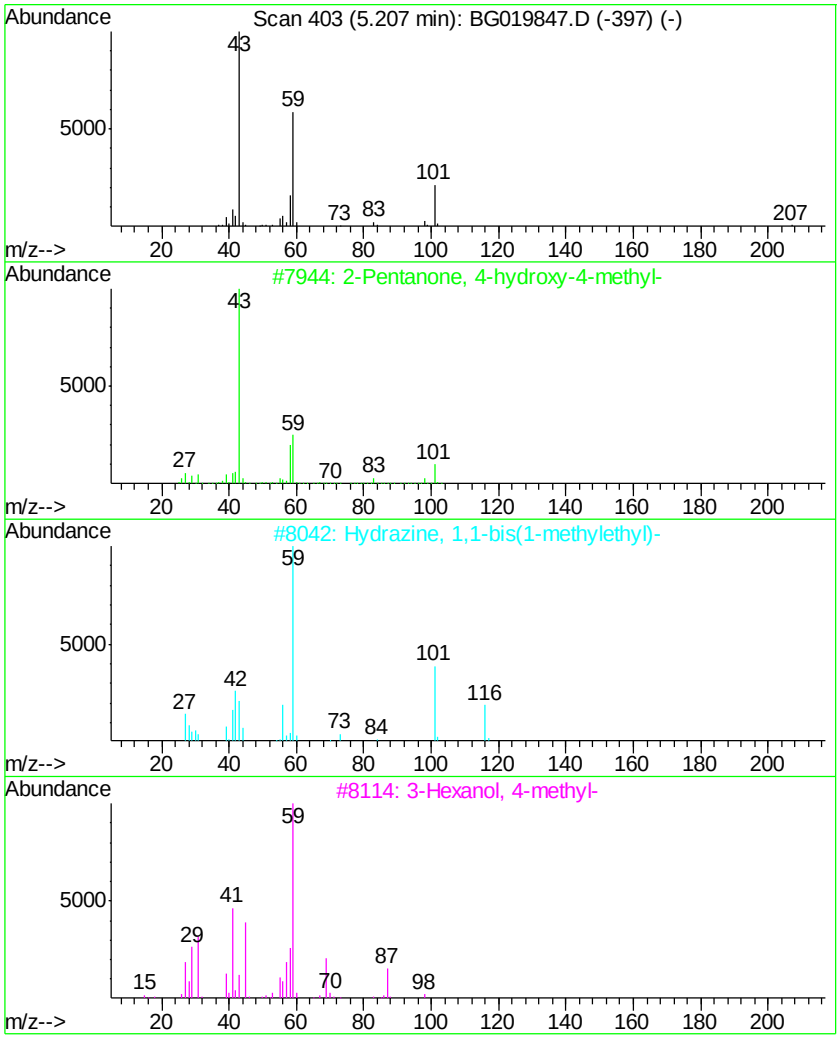
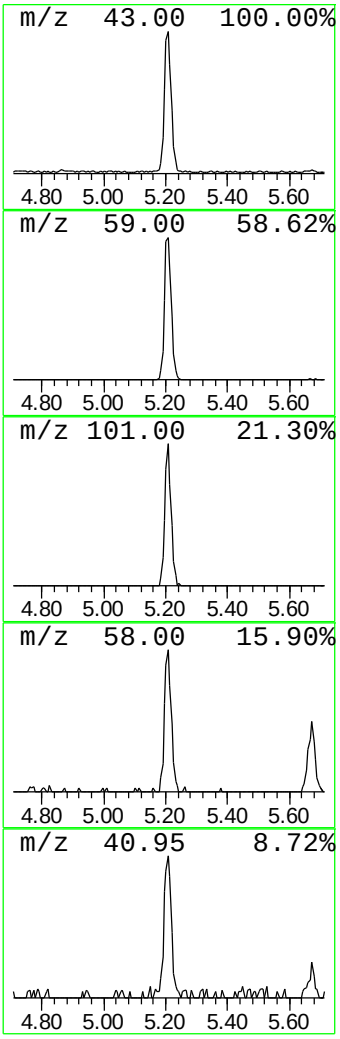
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	22.83 ng	141810	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetone	58	C3H6O	000067-64-1	10





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Data File : BG019847.D
Acq On : 2 Dec 2015 23:13
Operator : UM/NP
Sample : G4585-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-P3WC-15(0-8)

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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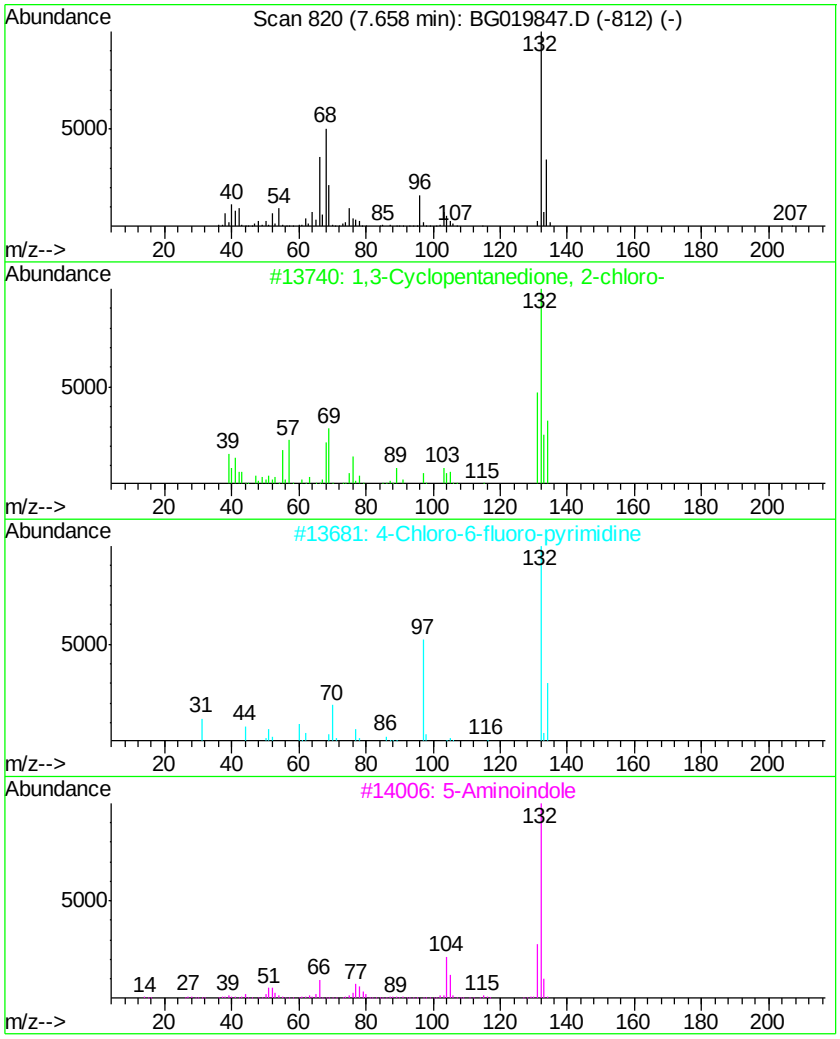
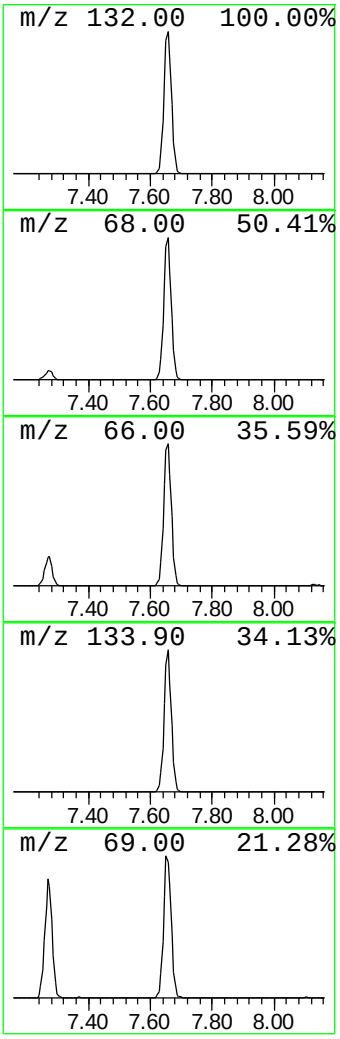
Peak Number 4 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	109.56 ng	680584	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-P3WC-15(0-8)

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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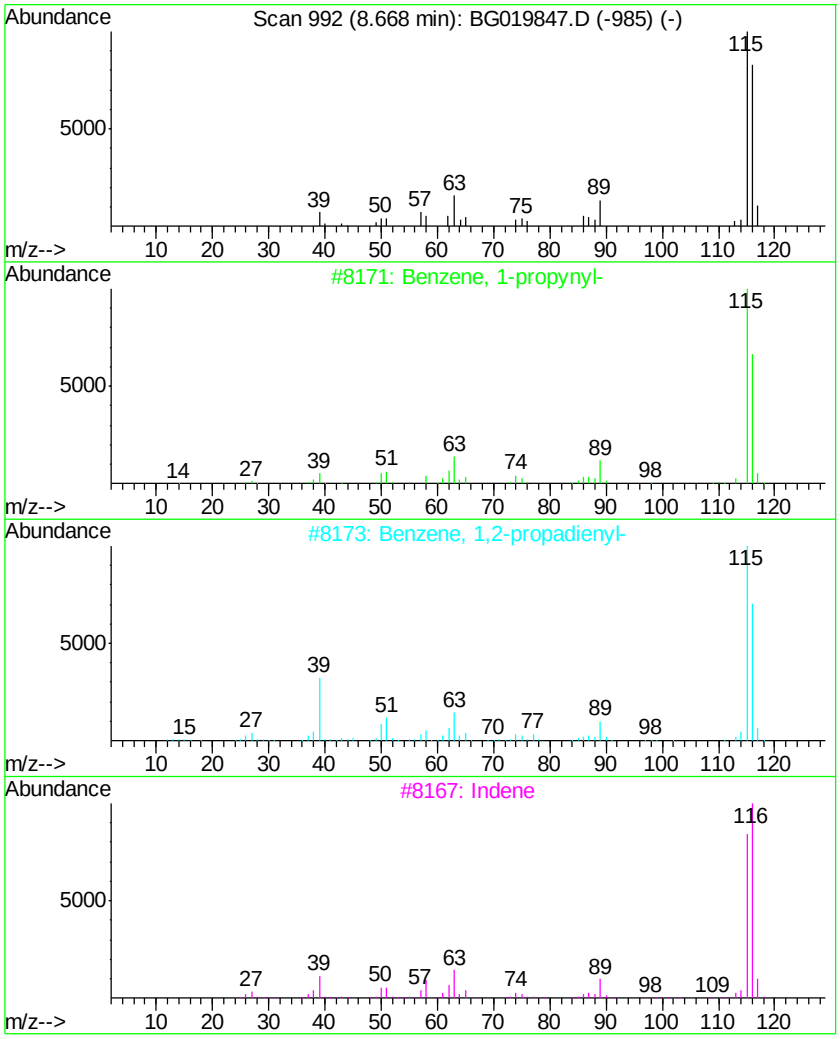
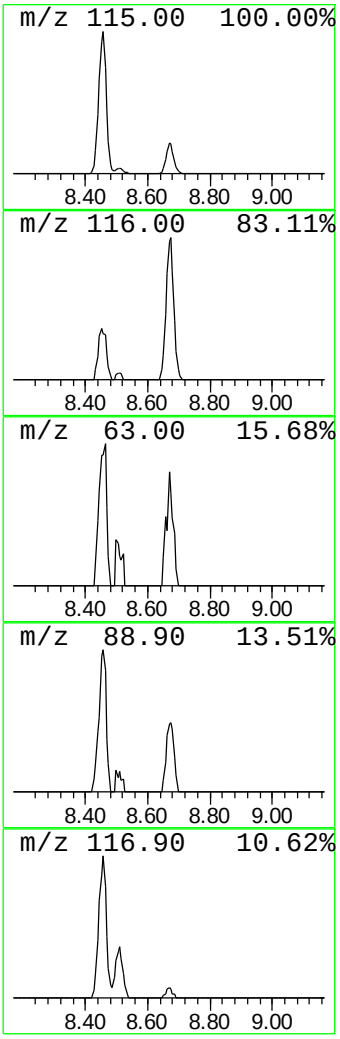
Peak Number 6 Benzene, 1-propynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	5.73 ng	35612	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	78
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	78





Tentatively Identified Compound (LSC) summary

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Sample : G4585-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-P3WC-15(0-8)

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...	3.24	40.1	ng	248998	1	8.13	124242	20.0
2-Pentanone, 4-hy...	5.21	22.8	ng	141810	1	8.13	124242	20.0
unknown7.66	7.66	109.6	ng	680584	1	8.13	124242	20.0
Benzene, 1-propynyl-	8.67	5.7	ng	35612	1	8.13	124242	20.0