LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016636.D
Acq On : 23 Apr 2015 3:12
Operator : TP/IZ
Sample : G1968-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PE-14

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-BG042115.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	2.717	3	5	15	rVB	95203	133925	5.33%	0.962%
2	2.800	15	19	25	rVB	88338	92838	3.70%	0.667%
3	4.744	343	350	359	rVB	87875	122635	4.88%	0.881%
4	5.226	426	432	443	rBV	661004	922871	36.76%	6.628%
5	6.830	698	705	718	rBV	664272	1024068	40.79%	7.355%
6	7.171	756	763	775	rBV	668271	1022194	40.71%	7.342%
7	7.635	835	842	849	rVB	153643	237438	9.46%	1.705%
8	7.952	888	896	904	rBV	488494	738718	29.42%	5.306%
9	8.793	1032	1039	1050	rBV	355446	574632	22.89%	4.127%
10	10.420	1309	1316	1331	rVB	200666	348038	13.86%	2.500%
11	12.900	1731	1738	1754	rBV	878612	1309033	52.14%	9.402%
12	13.746	1877	1882	1888	rBV	32650	51102	2.04%	0.367%
13	14.280	1967	1973	1982	rBV2	323575	486335	19.37%	3.493%
14	15.773	2221	2227	2242	rBV	735525	1022568	40.73%	7.344%
15	17.024	2433	2440	2445	rBV2	497867	715838	28.51%	5.141%
16	19.081	2786	2790	2798	rBV	58620	80488	3.21%	0.578%
17	19.445	2842	2852	2860	rBV	84386	125653	5.00%	0.902%
18	19.651	2881	2887	2898	rBV	2030209	2510626	100.00%	18.032%
19	19.938	2928	2936	2943	rBV6	10944	30053	1.20%	0.216%
20	20.914	3096	3102	3112	rBV3	198202	284683	11.34%	2.045%
21	21.202	3145	3151	3156	rBV	742527	995403	39.65%	7.149%
22	21.237	3156	3157	3163	rVB	45070	47736	1.90%	0.343%
23	22.753	3412	3415	3421	rBV3	19487	33030	1.32%	0.237%
24	23.229	3493	3496	3501	rVB2	20740	29425	1.17%	0.211%
25	23.329	3508	3513	3518	rVB2	28764	50073	1.99%	0.360%
26	23.423	3521	3529	3544	rVB	489078	933693	37.19%	6.706%

Sum of corrected areas: 13923096

LSC Report - Integrated Chromatogram

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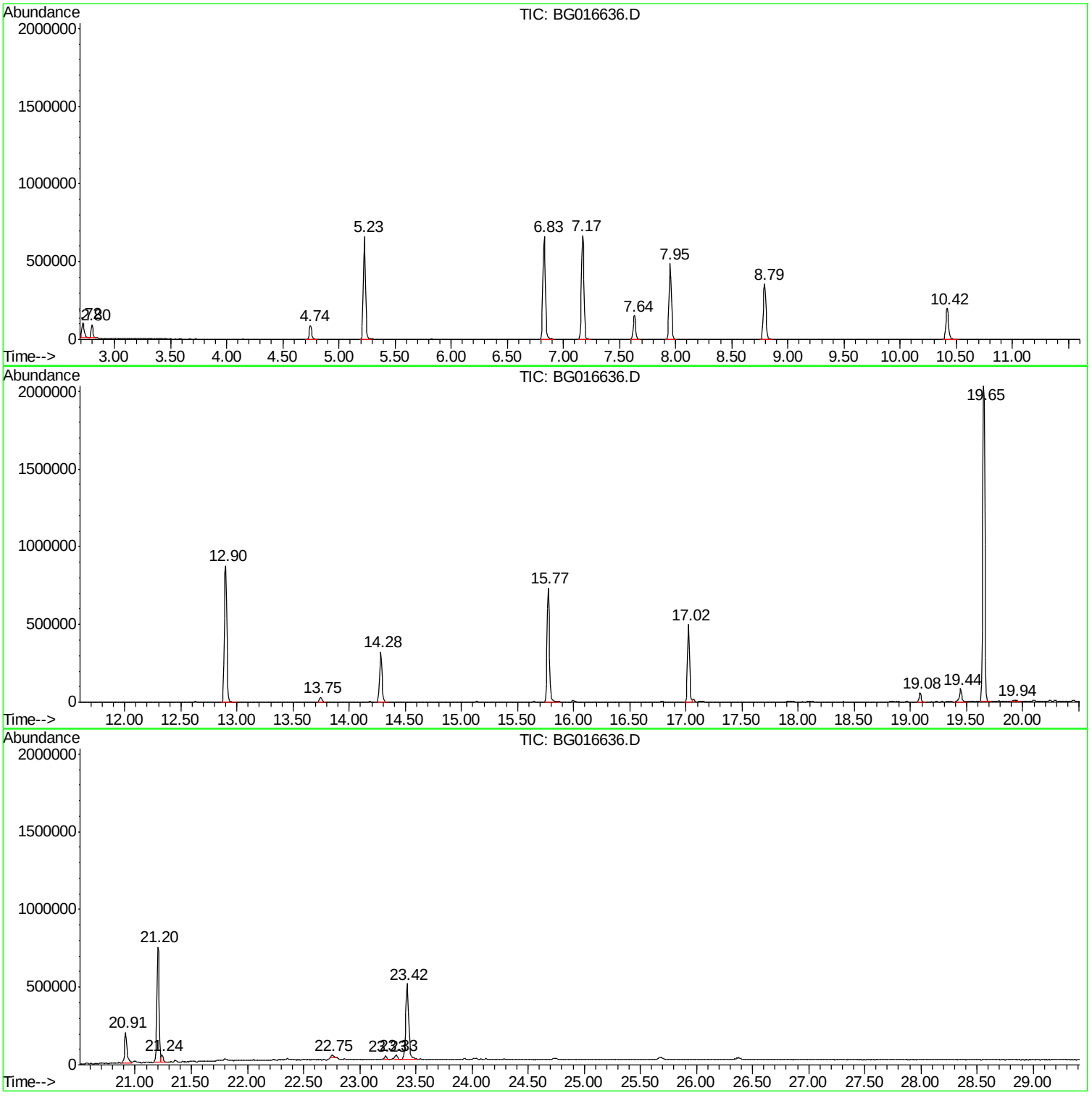
Instrument : BNA_G
ClientSampleId : PE-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.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\BG042215\
Data File : BG016636.D
Acq On : 23 Apr 2015 3:12
Operator : TP/IZ
Sample : G1968-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PE-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.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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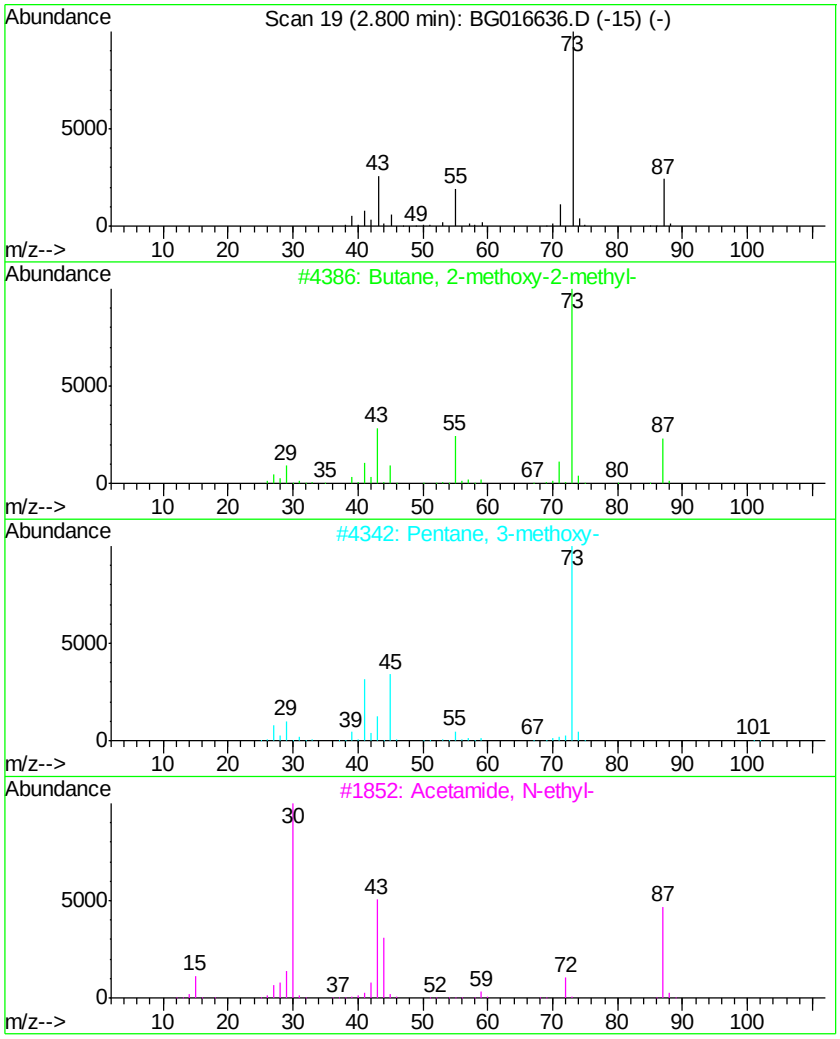
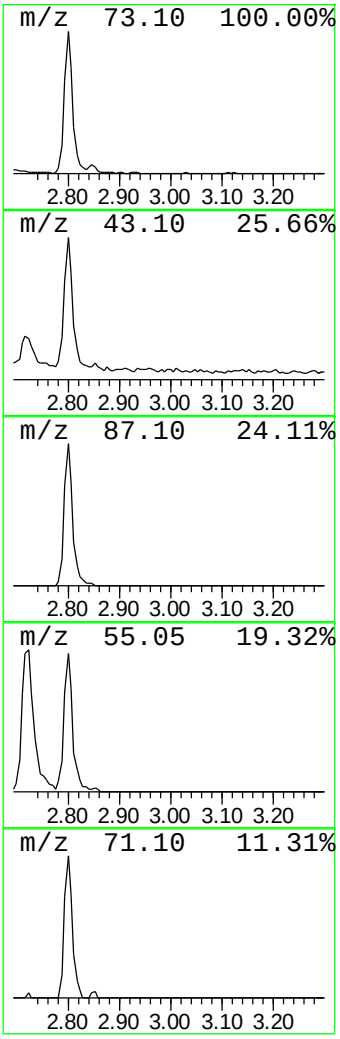
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	7.82 ng	92838	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Sample : G1968-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PE-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.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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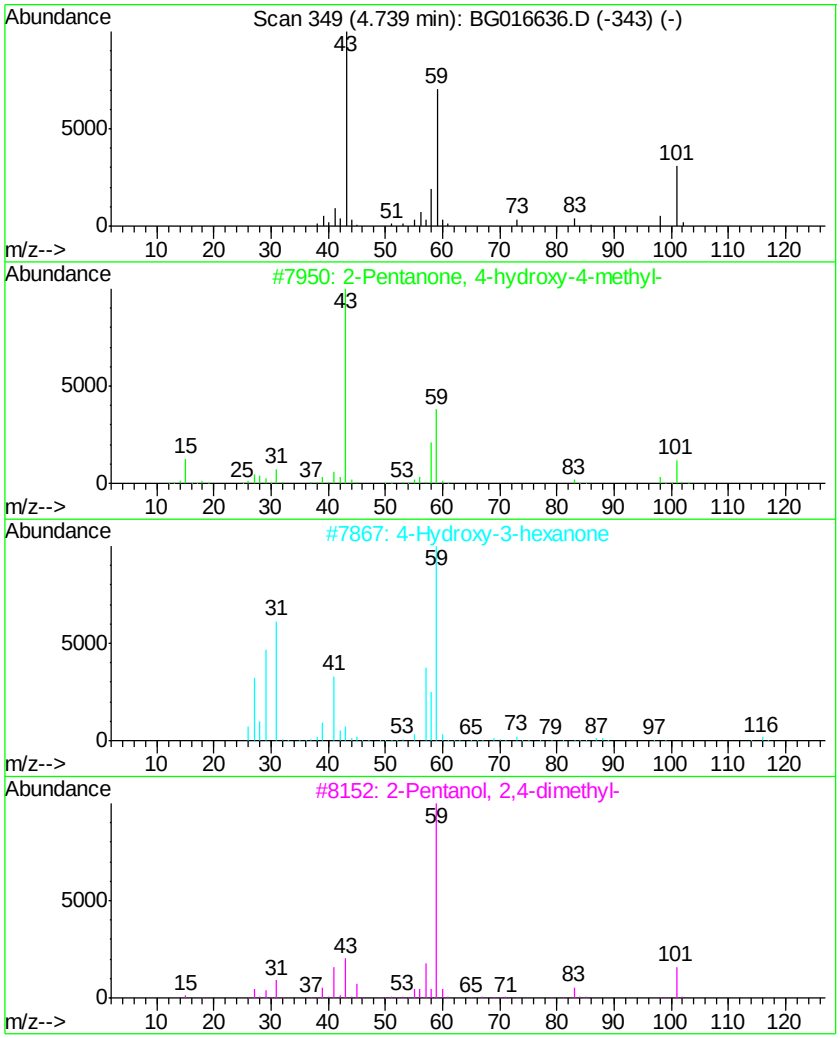
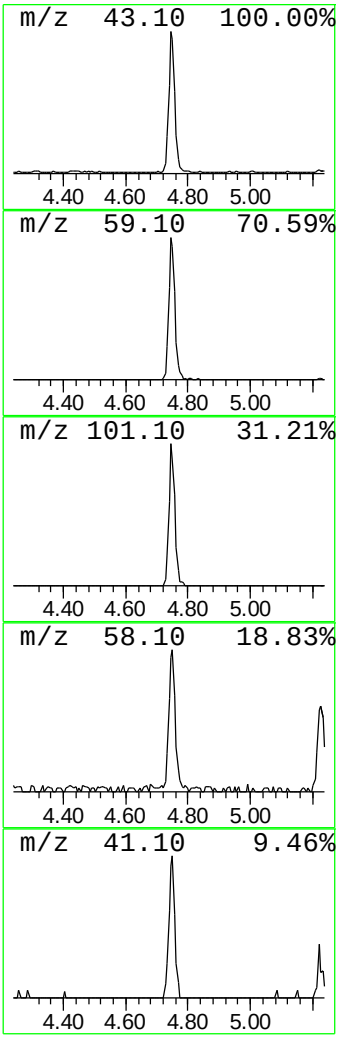
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	10.33 ng	122635	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	23
4	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	17
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17





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Data File : BG016636.D
Acq On : 23 Apr 2015 3:12
Operator : TP/IZ
Sample : G1968-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PE-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.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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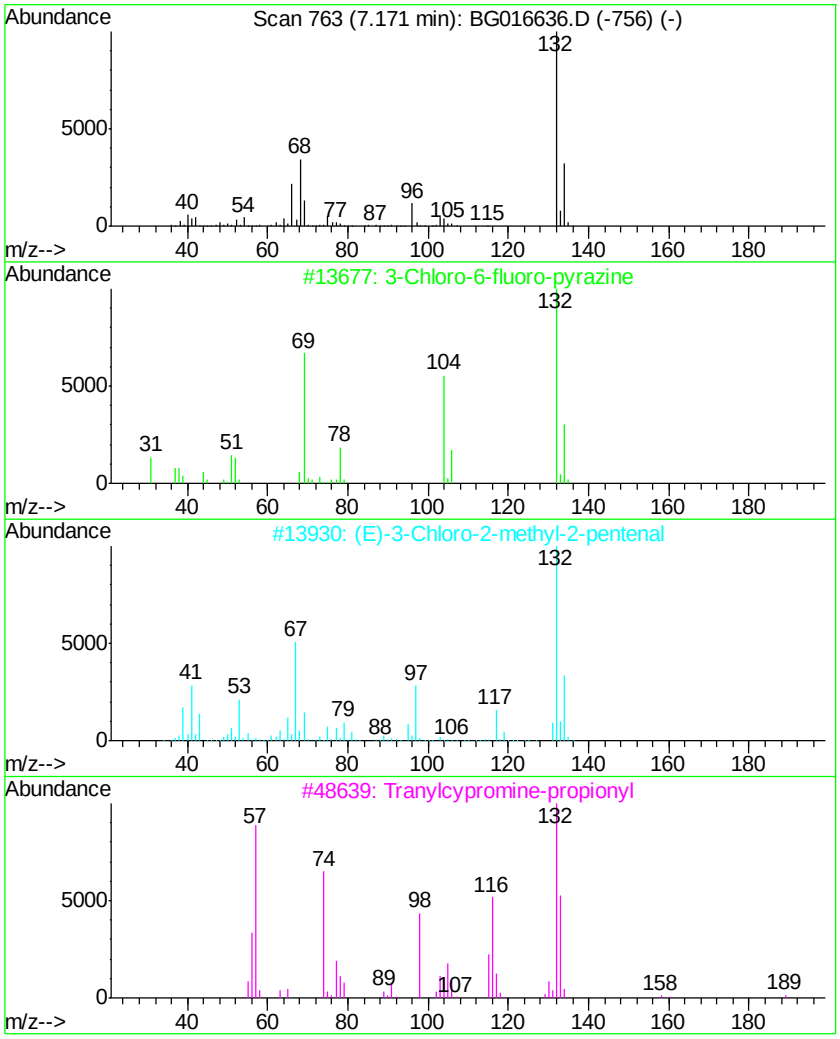
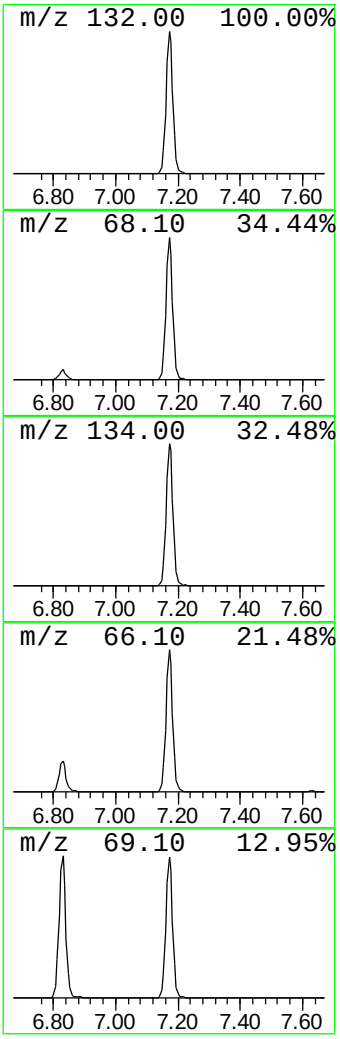
Peak Number 4 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	86.10 ng	1022190	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
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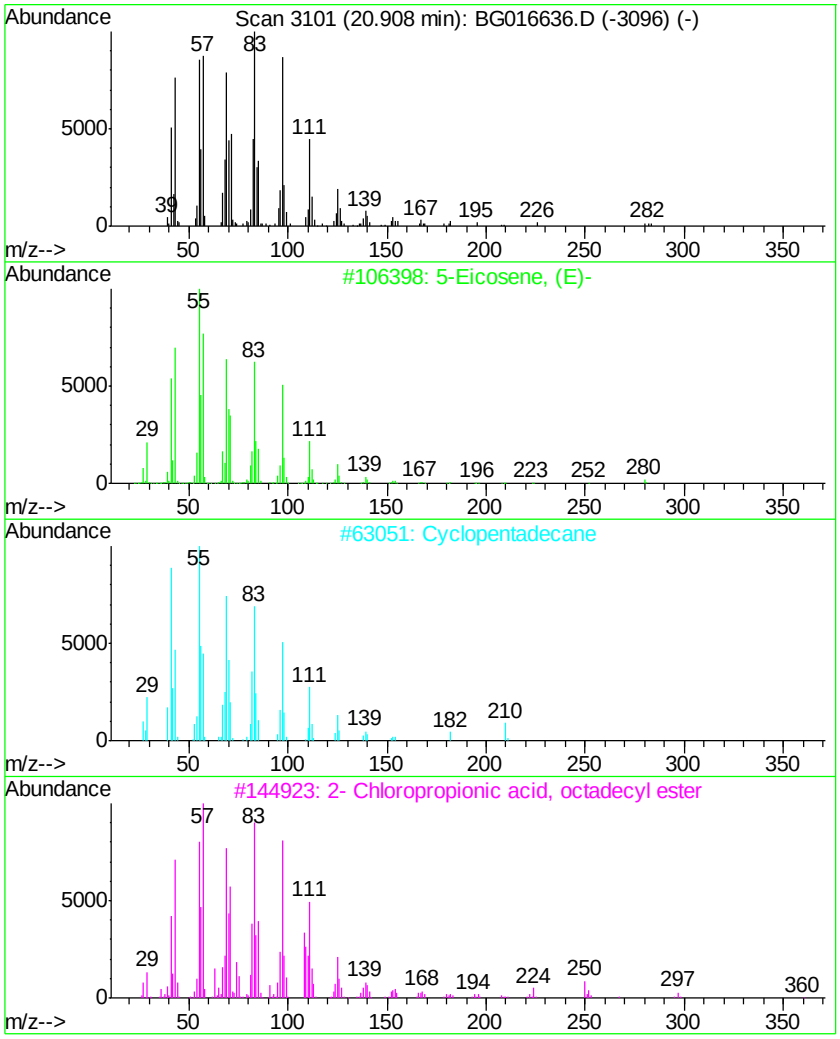
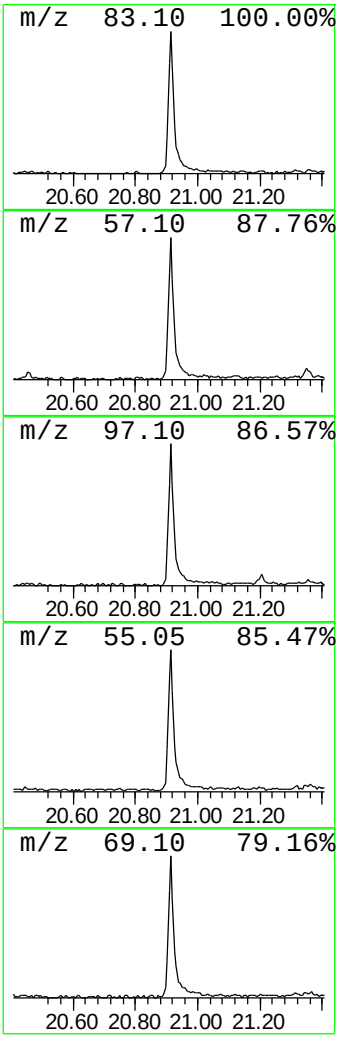
Peak Number 7 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.72 ng	284683	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
4	Isoheptadecanol	256	C17H36O	057289-07-3	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





Tentatively Identified Compound (LSC) summary

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Operator : TP/IZ
Sample : G1968-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PE-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.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...	2.80	7.8	ng	92838	1	7.64	237438	20.0
2-Pentanone, 4-hy...	4.74	10.3	ng	122635	1	7.64	237438	20.0
unknown7.17	7.17	86.1	ng	1022190	1	7.64	237438	20.0
5-Eicosene, (E)-	20.91	5.7	ng	284683	5	21.21	995403	20.0