LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020880.D
Acq On : 12 Feb 2016 6:33
Operator : SJ/UM
Sample : H1420-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-18

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-BG021116.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	3.246	62	69	79	rBV	37336	68894	5.33%	1.069%
2	3.328	79	83	91	rVB	18663	25522	1.97%	0.396%
3	5.326	418	423	431	rVB	15599	23204	1.79%	0.360%
4	5.801	497	504	512	rBV	126148	203956	15.78%	3.166%
5	7.411	771	778	787	rBB	98157	167690	12.97%	2.603%
6	7.793	836	843	850	rBV	271501	461250	35.68%	7.159%
7	8.269	917	924	930	rVB	57977	97246	7.52%	1.509%
8	8.598	972	980	988	rBV	227245	398233	30.81%	6.181%
9	9.438	1115	1123	1133	rBV	204994	358733	27.75%	5.568%
10	11.094	1397	1405	1412	rBV	105930	182569	14.12%	2.834%
11	13.509	1809	1816	1824	rBV	736791	1095615	84.75%	17.005%
12	14.319	1950	1954	1960	rVB	23269	33922	2.62%	0.527%
13	14.883	2043	2050	2058	rVB2	165435	272292	21.06%	4.226%
14	15.441	2137	2145	2150	rBV	51330	81157	6.28%	1.260%
15	15.694	2184	2188	2196	rVB4	10418	19320	1.49%	0.300%
16	16.358	2291	2301	2310	rVB	470871	725191	56.10%	11.256%
17	16.552	2331	2334	2338	rBV2	10839	14316	1.11%	0.222%
18	17.615	2509	2515	2523	rVB2	187141	288160	22.29%	4.473%
19	20.200	2949	2955	2964	rVB	1018120	1292703	100.00%	20.064%
20	21.897	3238	3244	3255	rVB	195388	325309	25.17%	5.049%
21	25.281	3809	3820	3833	rVB	106142	307467	23.78%	4.772%

Sum of corrected areas: 6442749

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
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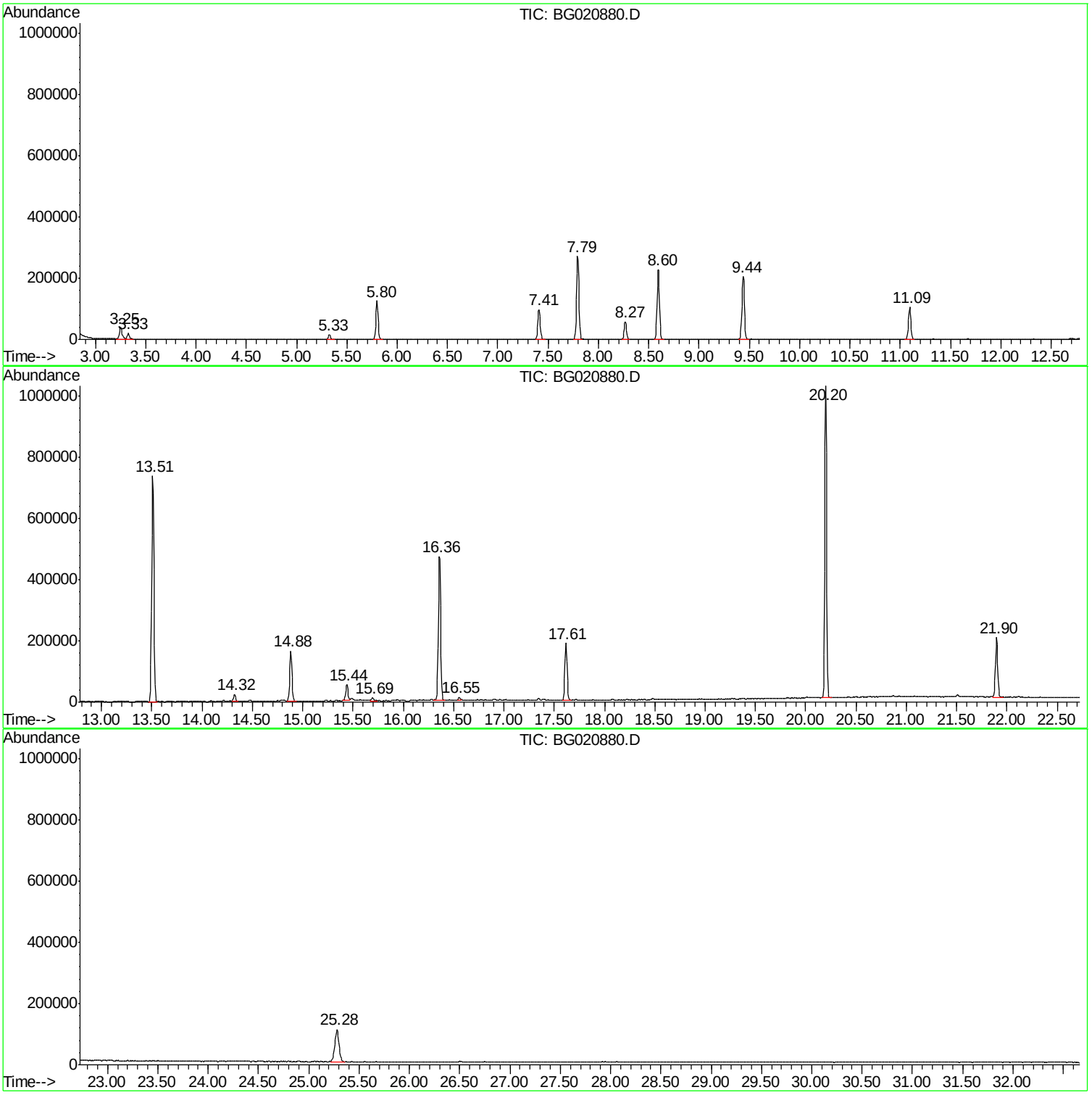
Operator : SJ/UM
Sample : H1420-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020880.D
Acq On : 12 Feb 2016 6:33
Operator : SJ/UM
Sample : H1420-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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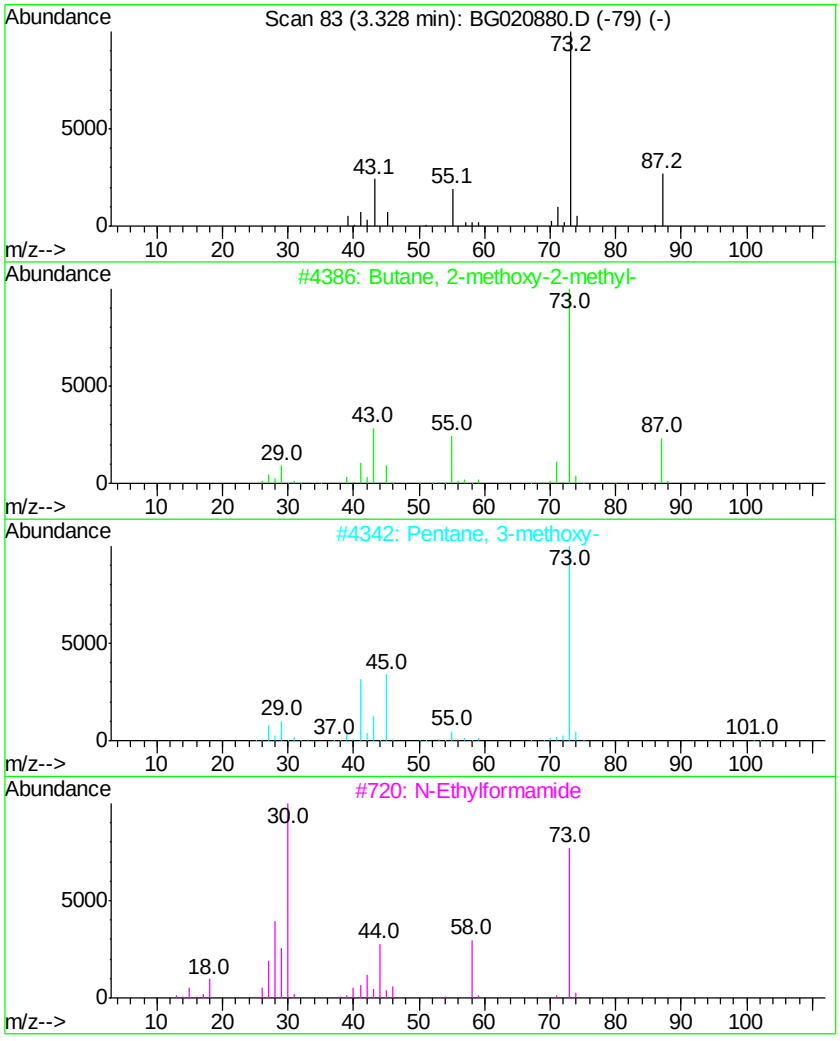
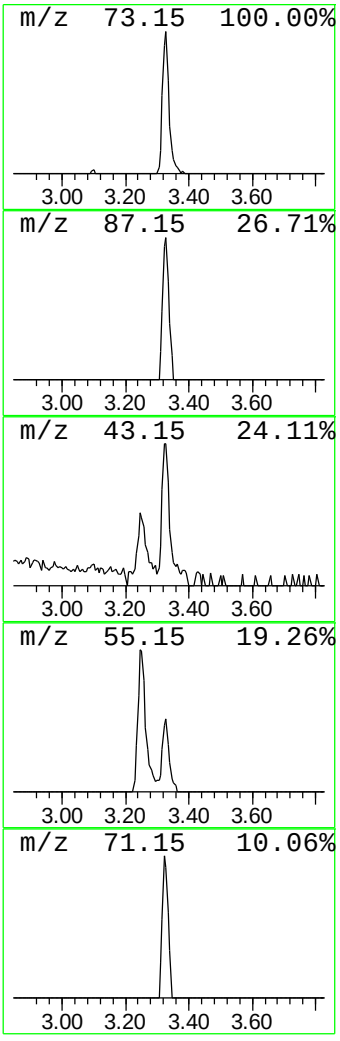
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	5.25 ng	25522	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020880.D
Acq On : 12 Feb 2016 6:33
Operator : SJ/UM
Sample : H1420-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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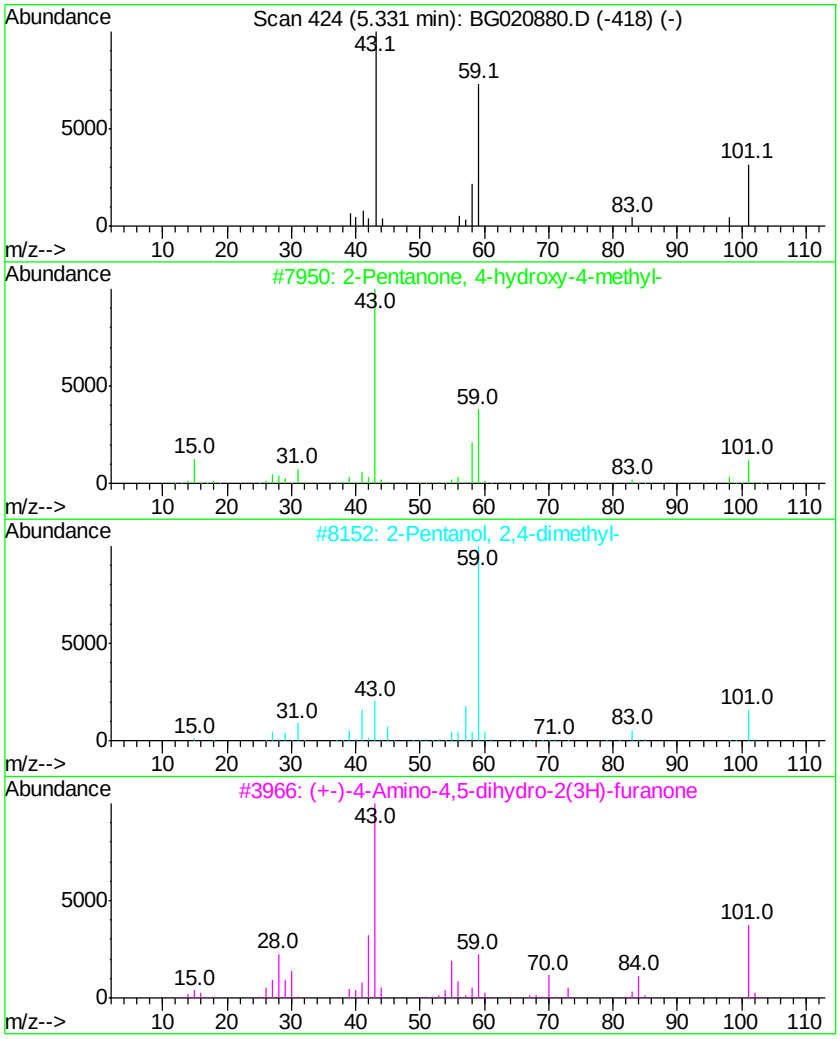
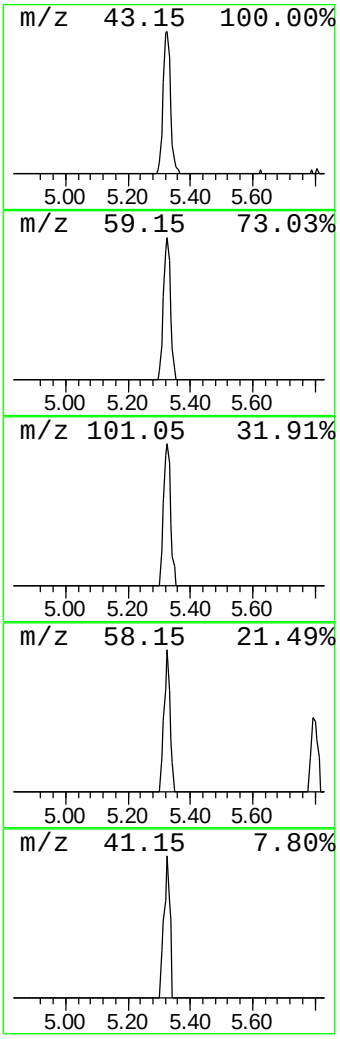
Peak Number 3 unknown5.33 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	4.77 ng	23204	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	37
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	16
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	12





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020880.D
Acq On : 12 Feb 2016 6:33
Operator : SJ/UM
Sample : H1420-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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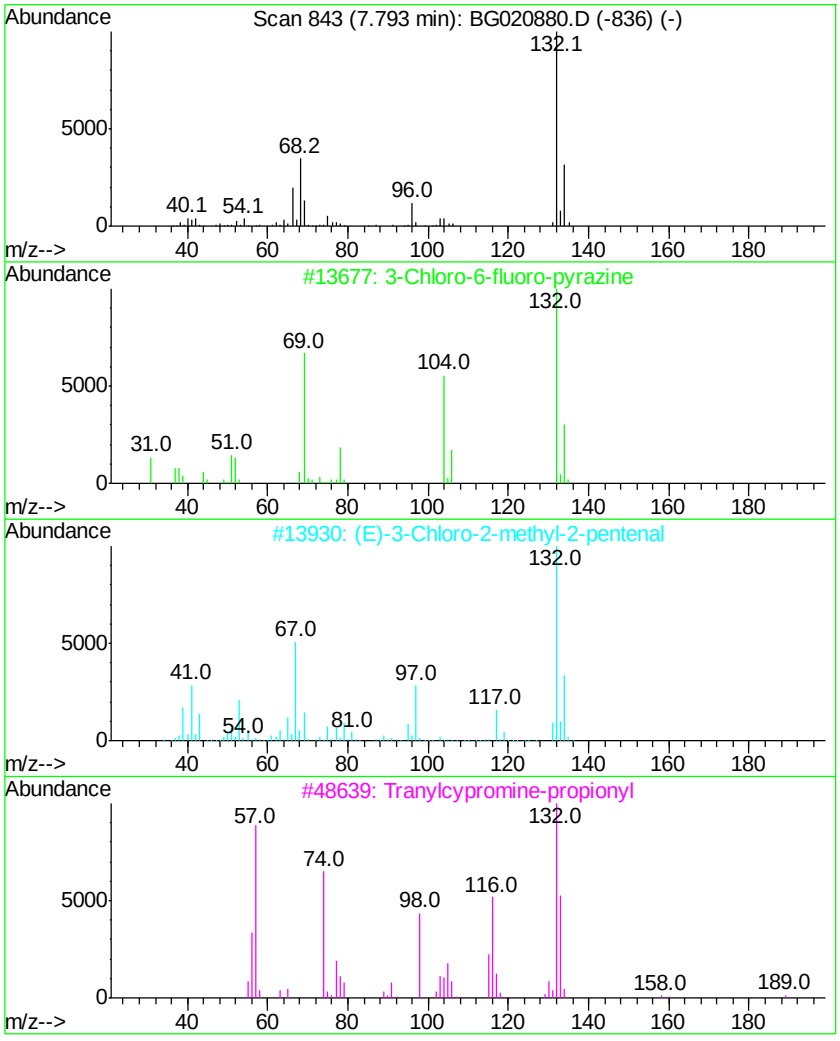
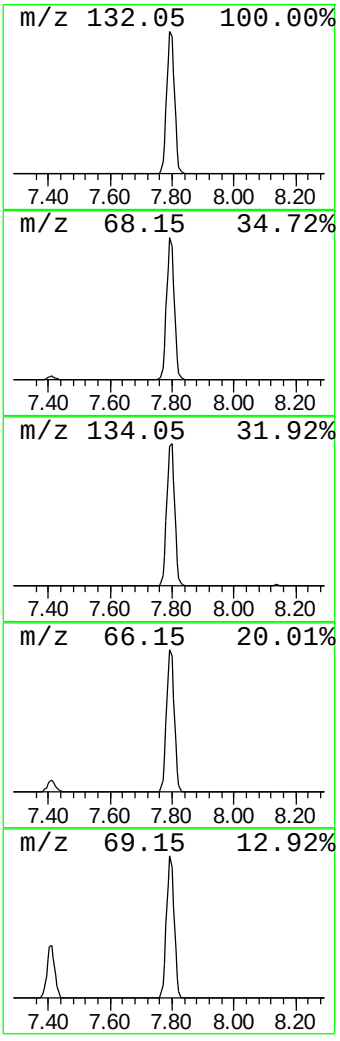
Peak Number 4 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	94.86 ng	461250	1,4-Dichlorobenzene-d4	8.27

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	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020880.D
Acq On : 12 Feb 2016 6:33
Operator : SJ/UM
Sample : H1420-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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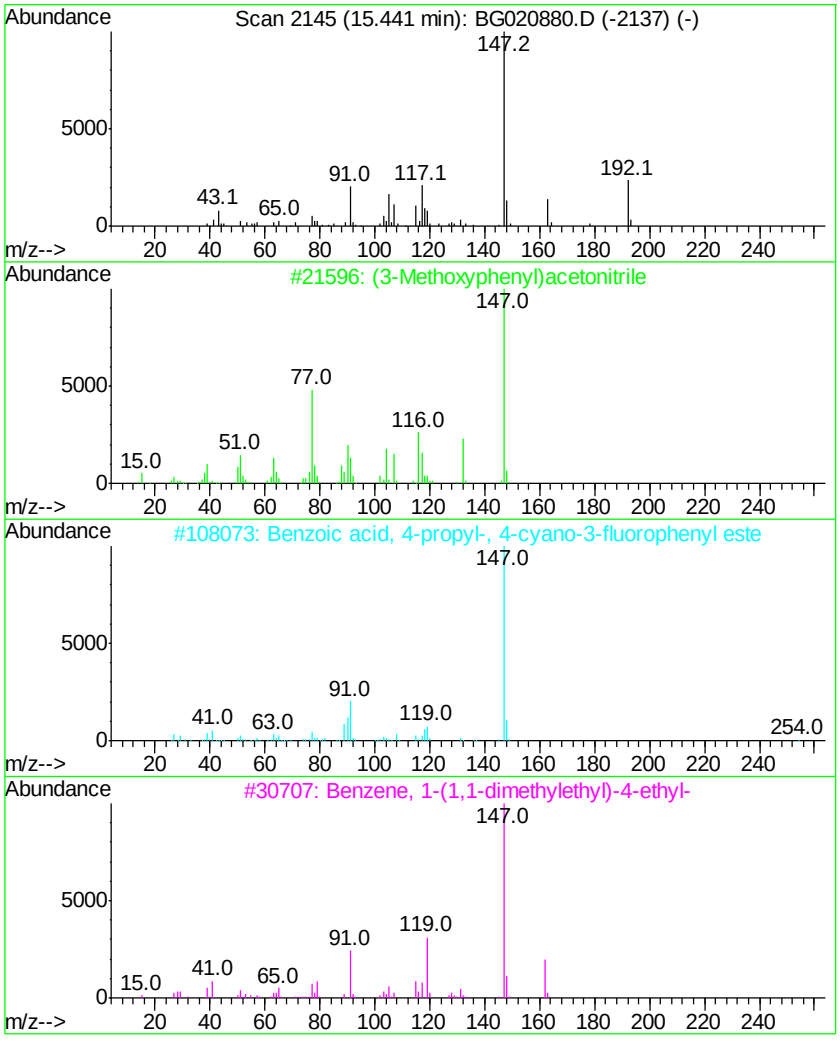
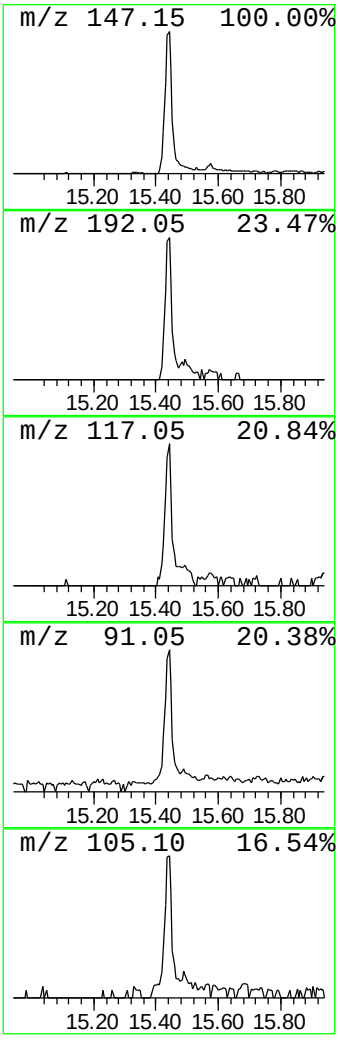
Peak Number 6 (3-Methoxyphenyl)acetonitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	5.96 ng	81157	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	50
2	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	47
3	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	47
4	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	47
5	1-Butanone, 2-chloro-3-methyl-1-...	238	C14H19ClO	055955-90-3	43





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG021116\
Data File : BG020880.D
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Operator : SJ/UM
Sample : H1420-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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...	3.33	5.3	ng	25522	1	8.27	97246	20.0
unknown5.33	5.33	4.8	ng	23204	1	8.27	97246	20.0
unknown7.79	7.79	94.9	ng	461250	1	8.27	97246	20.0
(3-Methoxyphenyl)...	15.44	6.0	ng	81157	3	14.88	272292	20.0