LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021732.D
Acq On : 18 Apr 2016 9:48
Operator : UM/SJ
Sample : H2420-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R06-FIELDBLANK-4-8-

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-BG041316.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	2.909	9	12	22	rVB3	17404	30378	1.04%	0.201%
2	4.060	203	208	218	rVB	66222	96078	3.28%	0.636%
3	4.677	307	313	327	rVB	732365	1106181	37.77%	7.325%
4	5.288	411	417	424	rVB	70592	109630	3.74%	0.726%
5	5.764	491	498	508	rBV	584810	951591	32.49%	6.301%
6	7.368	763	771	780	rBV	593361	1028087	35.10%	6.808%
7	7.744	825	835	843	rBV	645516	1120746	38.27%	7.421%
8	8.214	908	915	921	rVB	101586	171763	5.86%	1.137%
9	8.537	963	970	978	rBV	452520	787757	26.90%	5.216%
10	9.383	1106	1114	1124	rVB	425800	779744	26.62%	5.163%
11	11.029	1387	1394	1403	rVB	164037	297295	10.15%	1.969%
12	13.449	1799	1806	1818	rVB	1303535	2065746	70.53%	13.679%
13	14.824	2033	2040	2050	rVB2	275290	449778	15.36%	2.978%
14	16.299	2284	2291	2308	rBV	934370	1502591	51.30%	9.950%
15	17.556	2499	2505	2512	rBV2	346736	524982	17.92%	3.476%
16	19.818	2886	2890	2895	rVB	34244	38229	1.31%	0.253%
17	20.141	2939	2945	2955	rVB	2220733	2928824	100.00%	19.394%
18	20.852	3062	3066	3072	rVB	25769	32804	1.12%	0.217%
19	21.828	3225	3232	3239	rBV2	355233	614350	20.98%	4.068%
20	25.159	3788	3799	3811	rBV2	144972	465460	15.89%	3.082%

Sum of corrected areas: 15102014

LSC Report - Integrated Chromatogram

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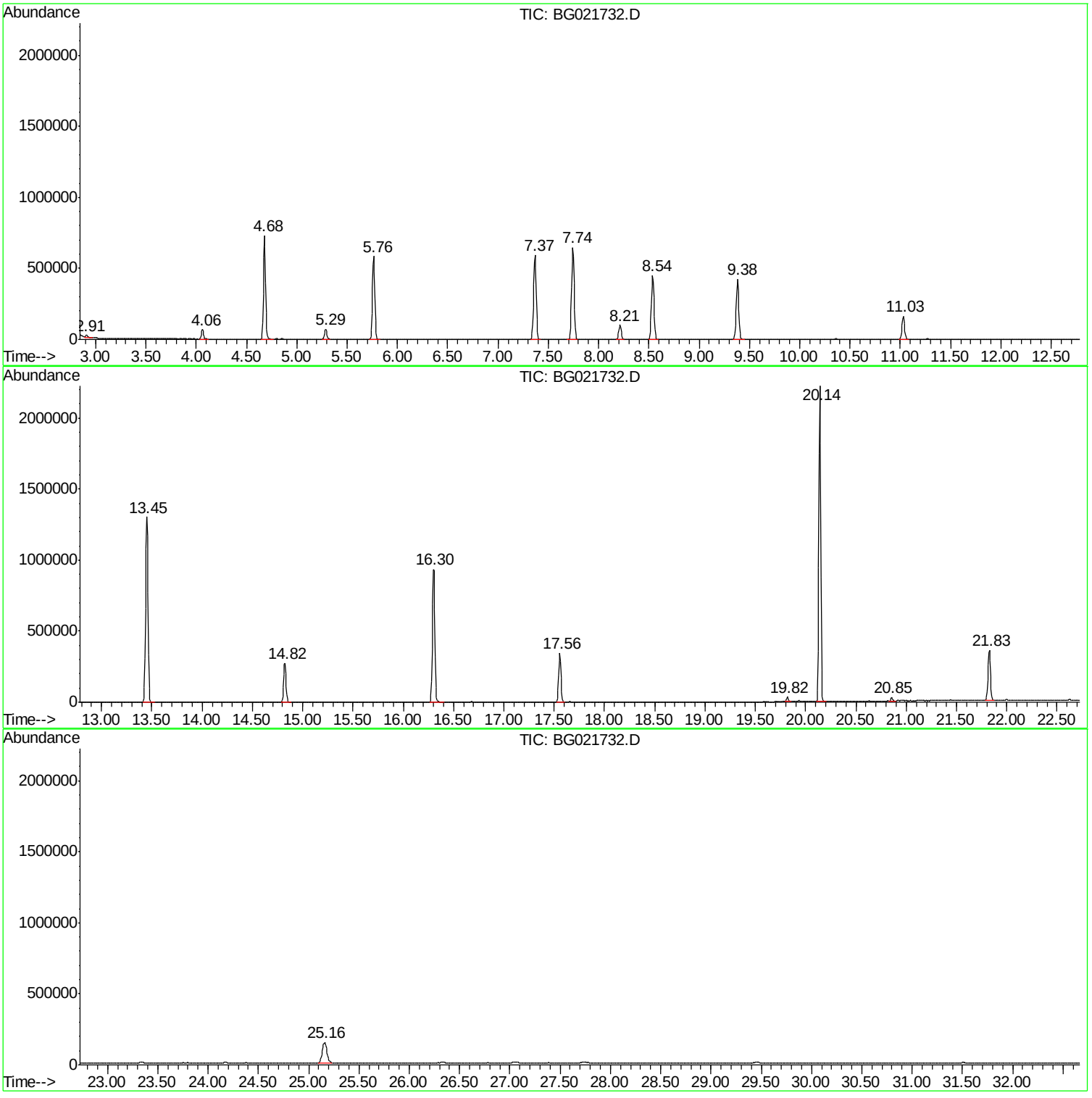
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-FIELDBLANK-4-8-

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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\BG041816\
Data File : BG021732.D
Acq On : 18 Apr 2016 9:48
Operator : UM/SJ
Sample : H2420-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R06-FIELDBLANK-4-8-

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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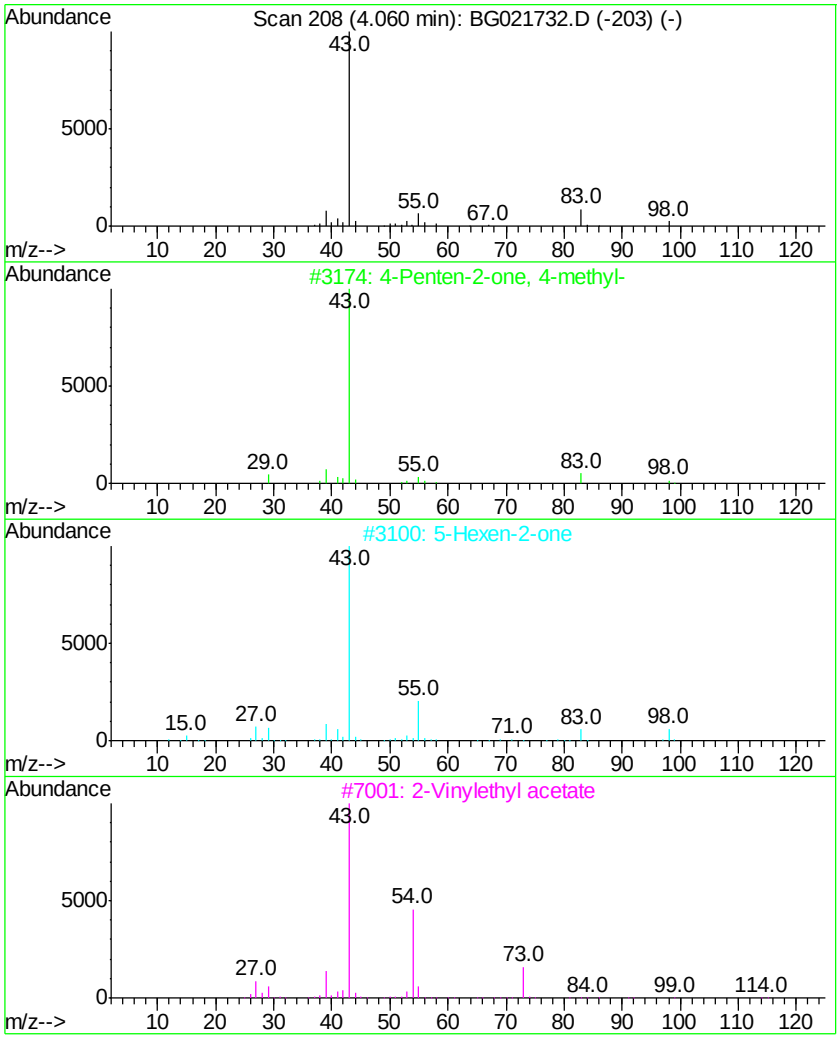
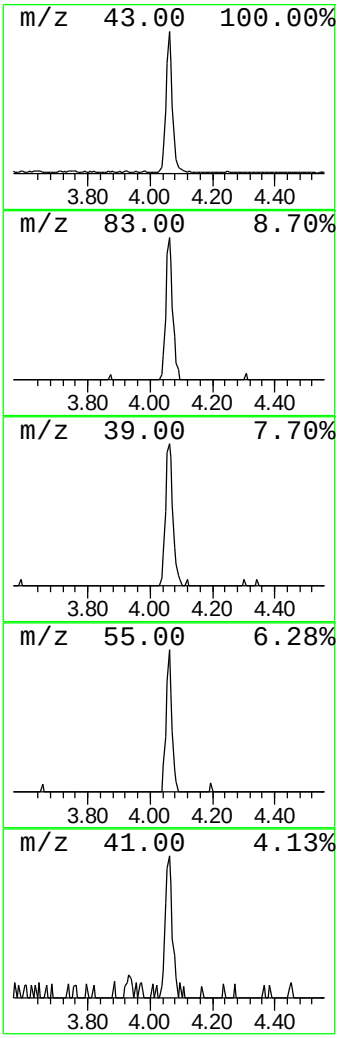
Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	11.19 ng	96078	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2	5-Hexen-2-one	98	C6H10O	000109-49-9	40
3	2-Vinylethyl acetate	114	C6H10O2	001576-84-7	28
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	25
5	3,5-Hexadien-2-ol	98	C6H10O	003280-51-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021732.D
Acq On : 18 Apr 2016 9:48
Operator : UM/SJ
Sample : H2420-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R06-FIELDBLANK-4-8-

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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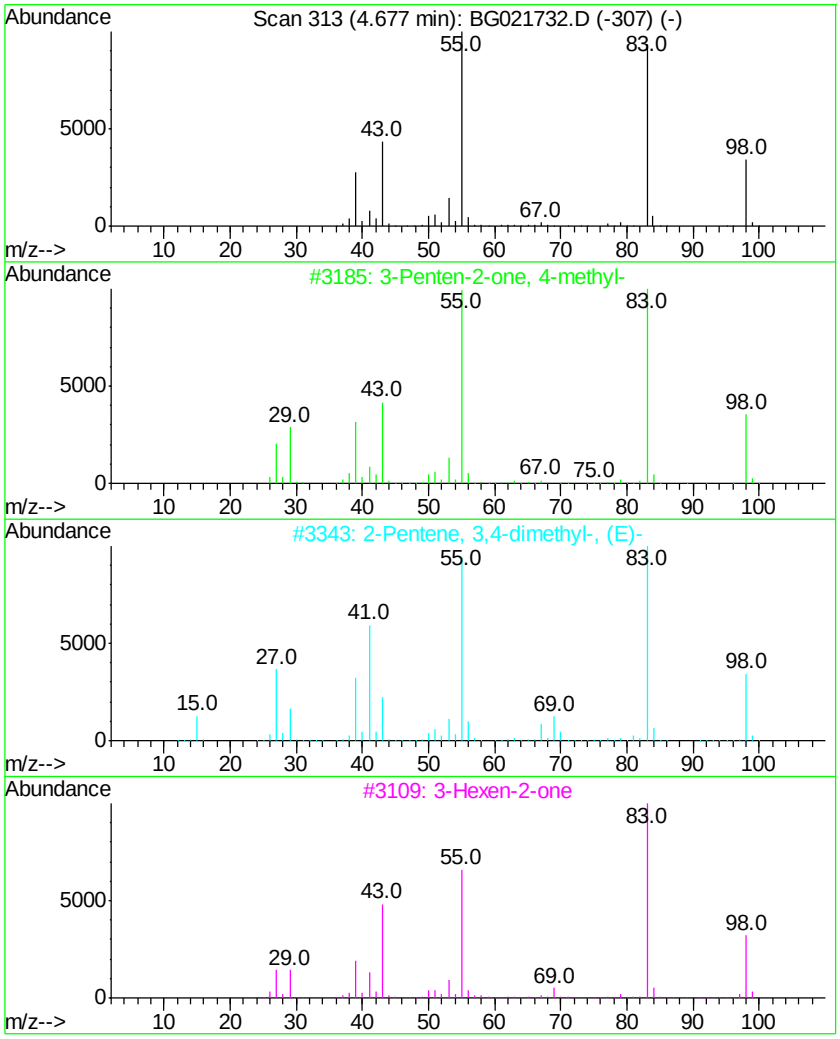
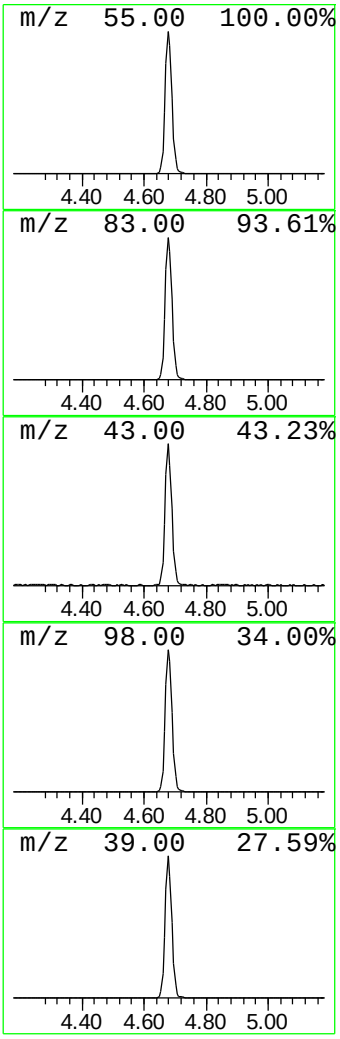
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	128.80 ng	1106180	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	87
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021732.D
Acq On : 18 Apr 2016 9:48
Operator : UM/SJ
Sample : H2420-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R06-FIELDBLANK-4-8-

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

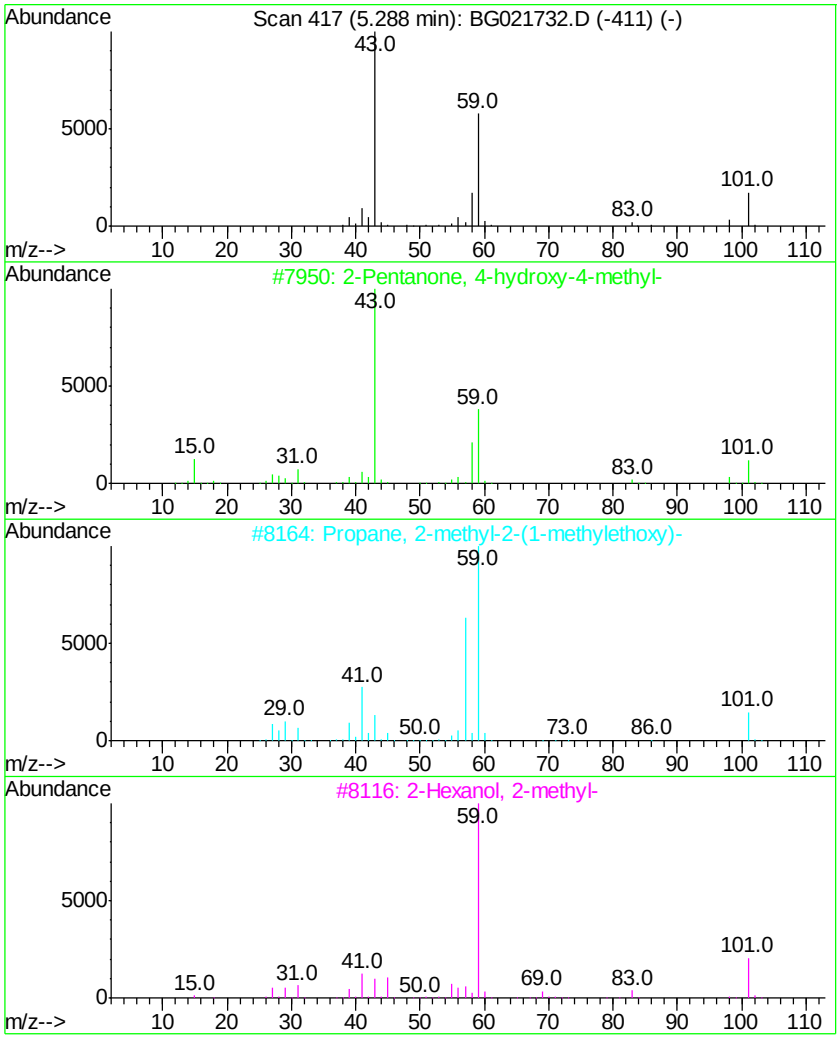
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

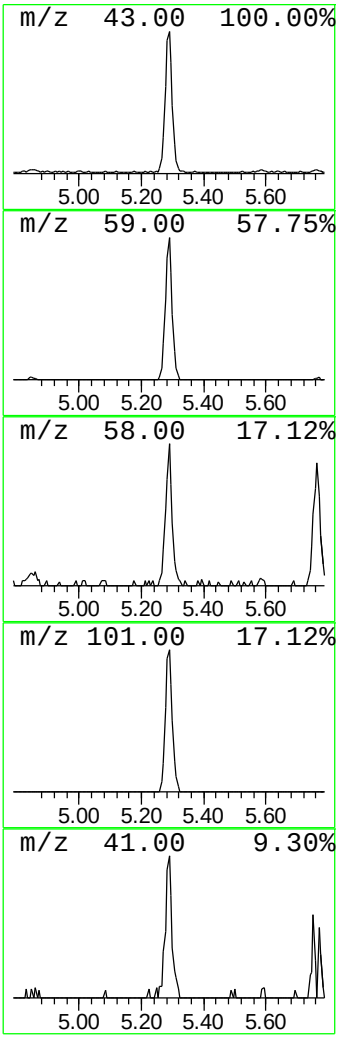
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	12.77 ng	109630	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9





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Acq On : 18 Apr 2016 9:48
Operator : UM/SJ
Sample : H2420-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R06-FIELDBLANK-4-8-

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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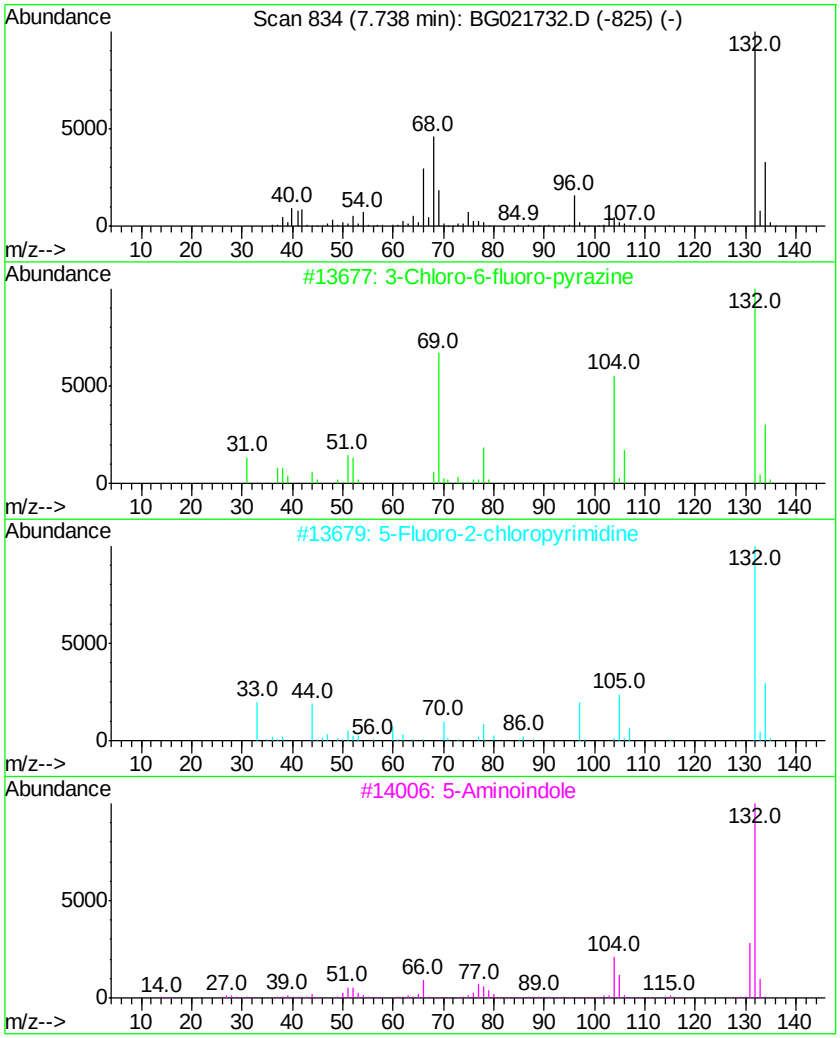
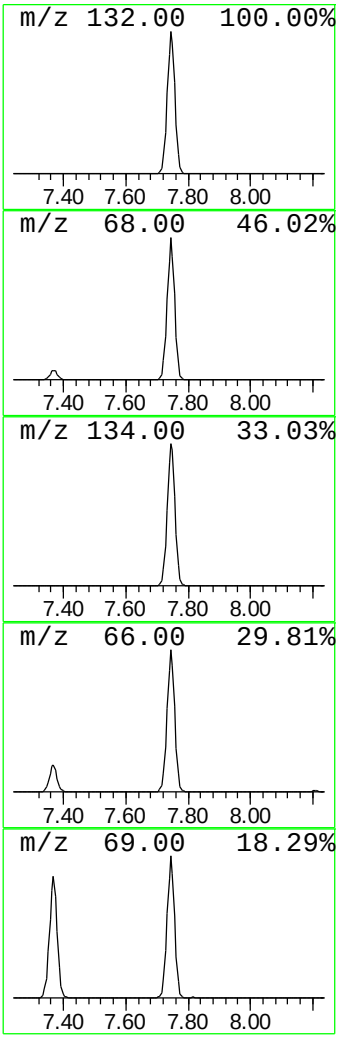
Peak Number 5 unknown7.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	130.50 ng	1120750	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041816\
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ClientSampleId : FB-BWR-BB-R06-FIELDBLANK-4-8-

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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
4-Penten-2-one, 4...	4.06	11.2	ng	96078	1	8.21	171763	20.0
3-Penten-2-one, 4...	4.68	128.8	ng	1106180	1	8.21	171763	20.0
2-Pentanone, 4-hy...	5.29	12.8	ng	109630	1	8.21	171763	20.0
unknown7.74	7.74	130.5	ng	1120750	1	8.21	171763	20.0