LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018740.D
Acq On : 17 Sep 2015 16:10
Operator : TP
Sample : G3651-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS033031

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-BG091115.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	2.962	16	21	40	rVB	2052849	2696586	94.30%	13.729%
2	3.103	40	45	53	rBV	67999	118090	4.13%	0.601%
3	3.179	53	58	80	rVB	1497034	2053598	71.81%	10.456%
4	5.106	380	386	392	rBV	89950	136303	4.77%	0.694%
5	5.576	459	466	474	rBV	283257	448043	15.67%	2.281%
6	7.162	729	736	745	rBV	181300	300594	10.51%	1.530%
7	7.533	792	799	806	rBV	566438	956382	33.44%	4.869%
8	8.003	870	879	885	rBV	138164	230471	8.06%	1.173%
9	8.326	926	934	941	rBV	555318	924803	32.34%	4.709%
10	9.160	1068	1076	1085	rBV	442392	768040	26.86%	3.910%
11	10.805	1349	1356	1367	rVB	204181	350135	12.24%	1.783%
12	11.698	1503	1508	1515	rBV3	15696	30681	1.07%	0.156%
13	13.249	1764	1772	1782	rBV	1460612	2226486	77.86%	11.336%
14	14.072	1906	1912	1921	rBV2	48877	75158	2.63%	0.383%
15	14.624	1999	2006	2016	rBV2	366574	598450	20.93%	3.047%
16	16.111	2253	2259	2276	rBV	1229737	1870846	65.42%	9.525%
17	17.368	2466	2473	2481	rBV2	591690	858825	30.03%	4.373%
18	19.977	2911	2917	2924	rBV	2315361	2859698	100.00%	14.560%
19	20.083	2928	2935	2939	rBV3	31780	40965	1.43%	0.209%
20	21.275	3133	3138	3149	rBV5	30480	73528	2.57%	0.374%
21	21.628	3190	3198	3206	rBV	622234	1029580	36.00%	5.242%
22	24.812	3730	3740	3752	rBV2	345306	993777	34.75%	5.060%

Sum of corrected areas: 19641039

LSC Report - Integrated Chromatogram

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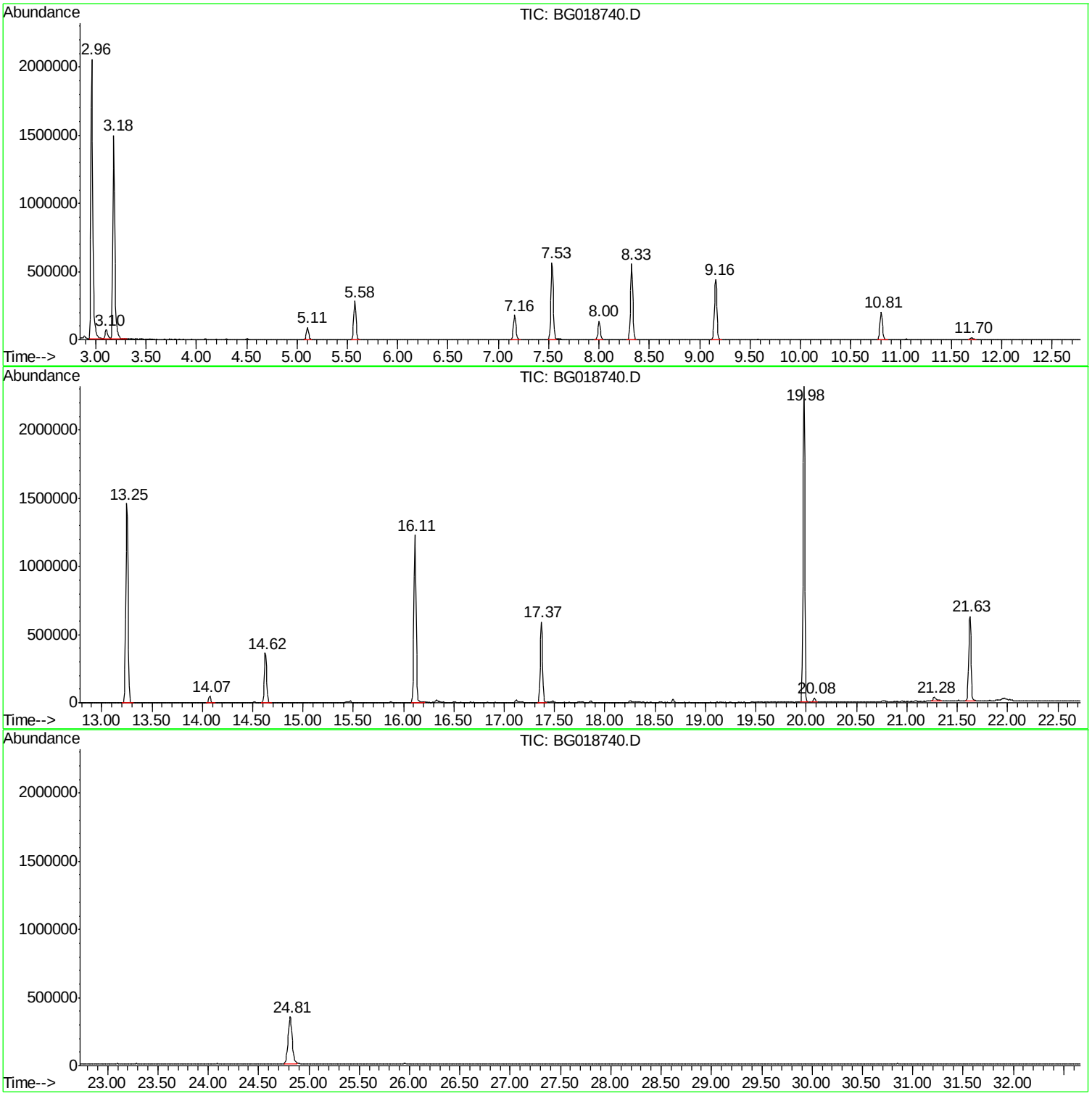
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS033031

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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\BG091815\
Data File : BG018740.D
Acq On : 17 Sep 2015 16:10
Operator : TP
Sample : G3651-05
Misc :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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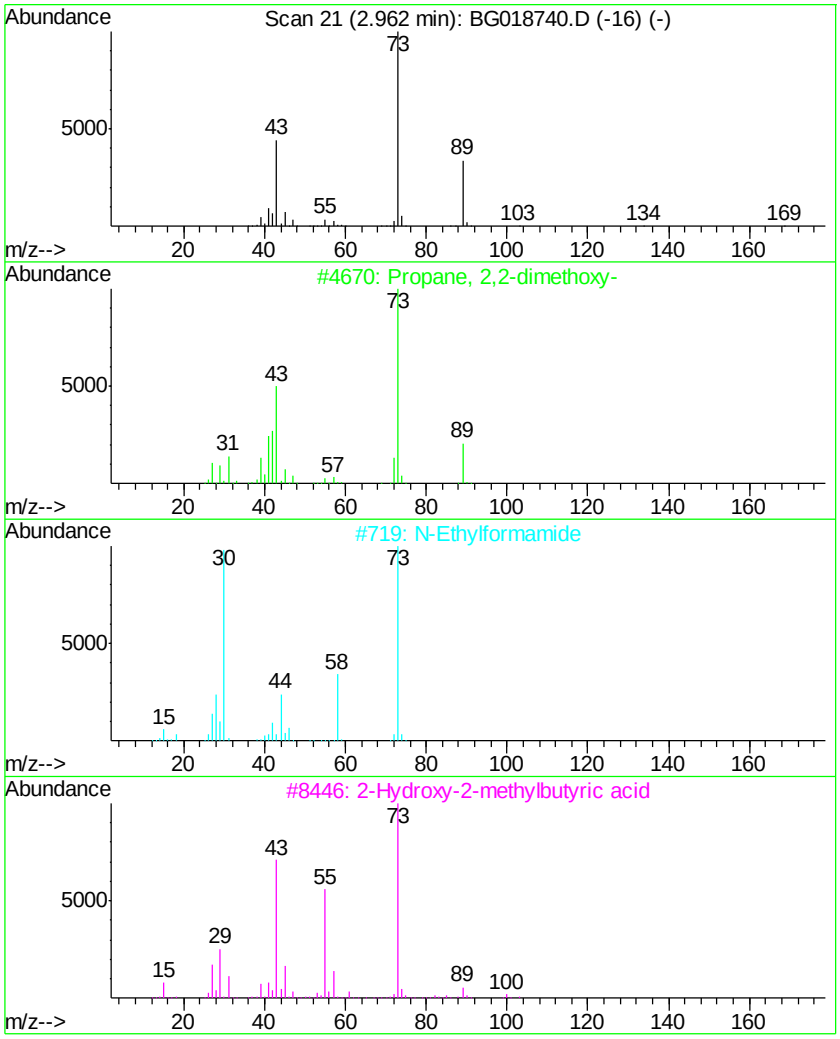
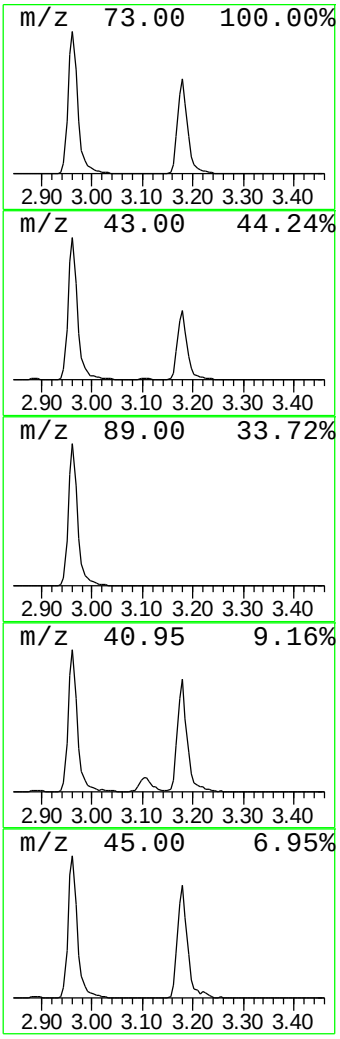
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	234.01 ng	2696590	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS033031

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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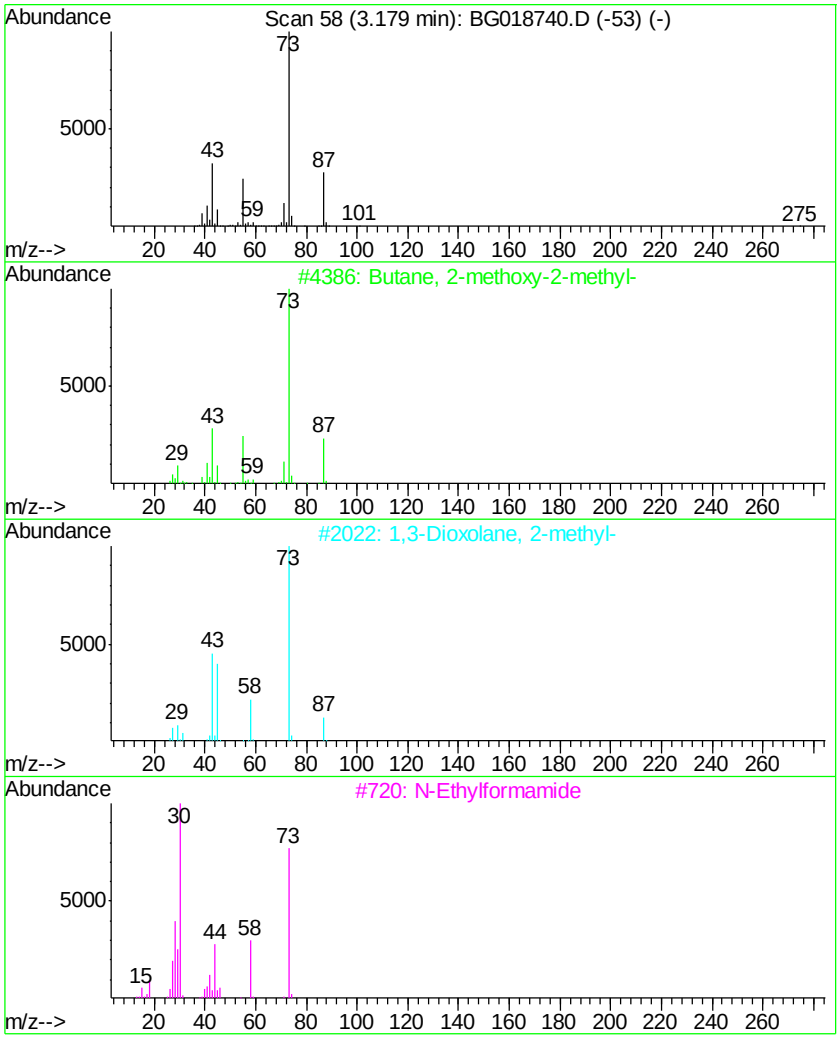
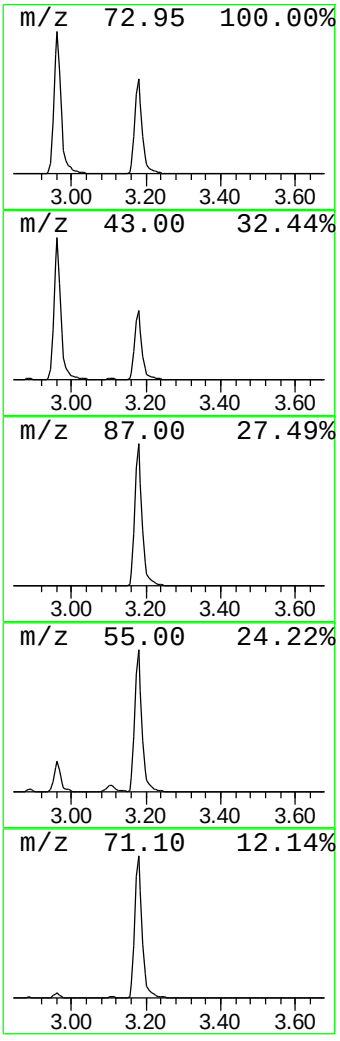
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	178.21 ng	2053600	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018740.D
Acq On : 17 Sep 2015 16:10
Operator : TP
Sample : G3651-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS033031

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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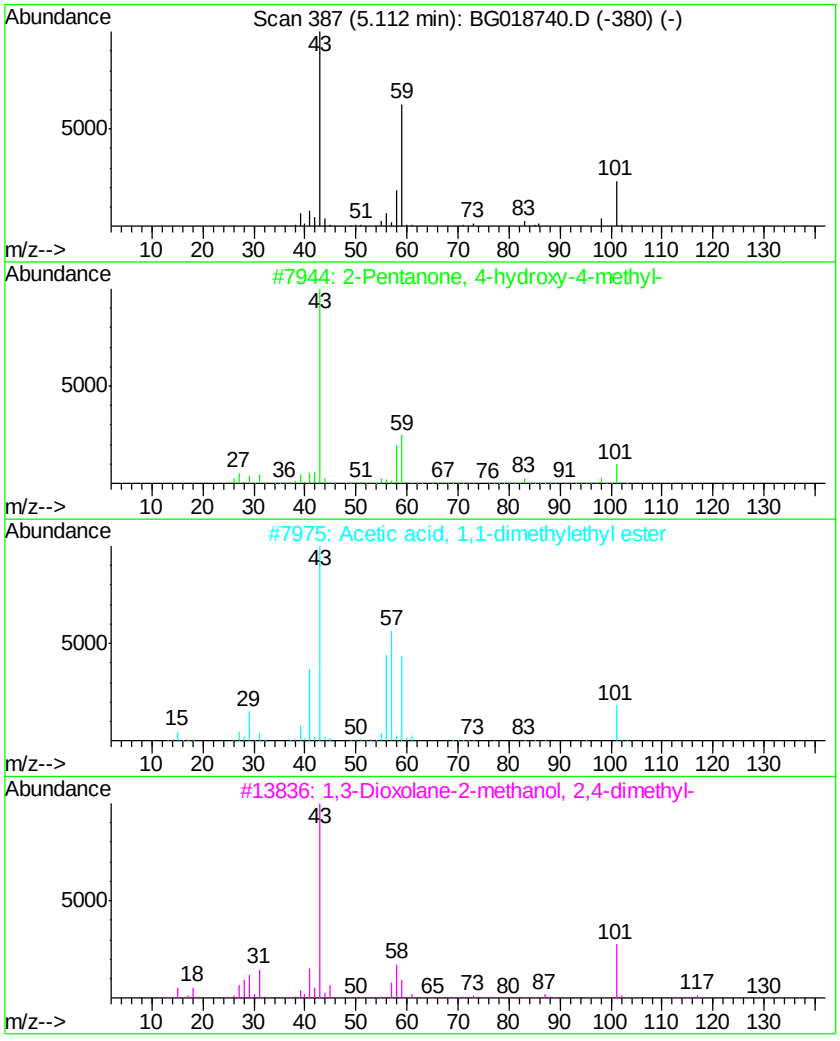
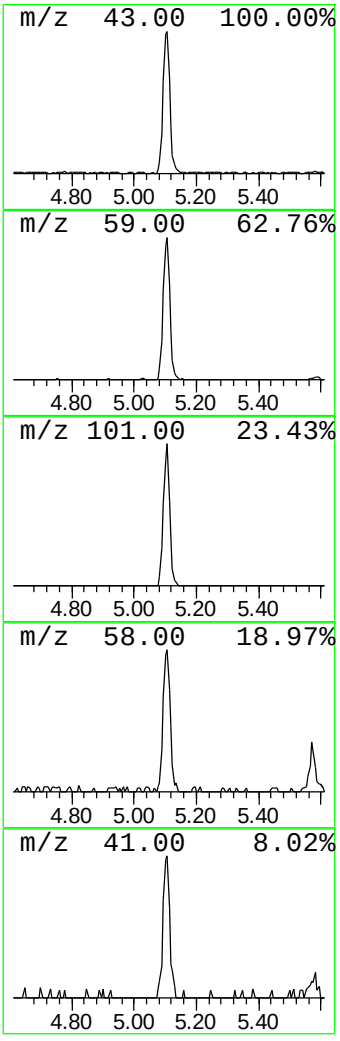
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	11.83 ng	136303	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Sample : G3651-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS033031

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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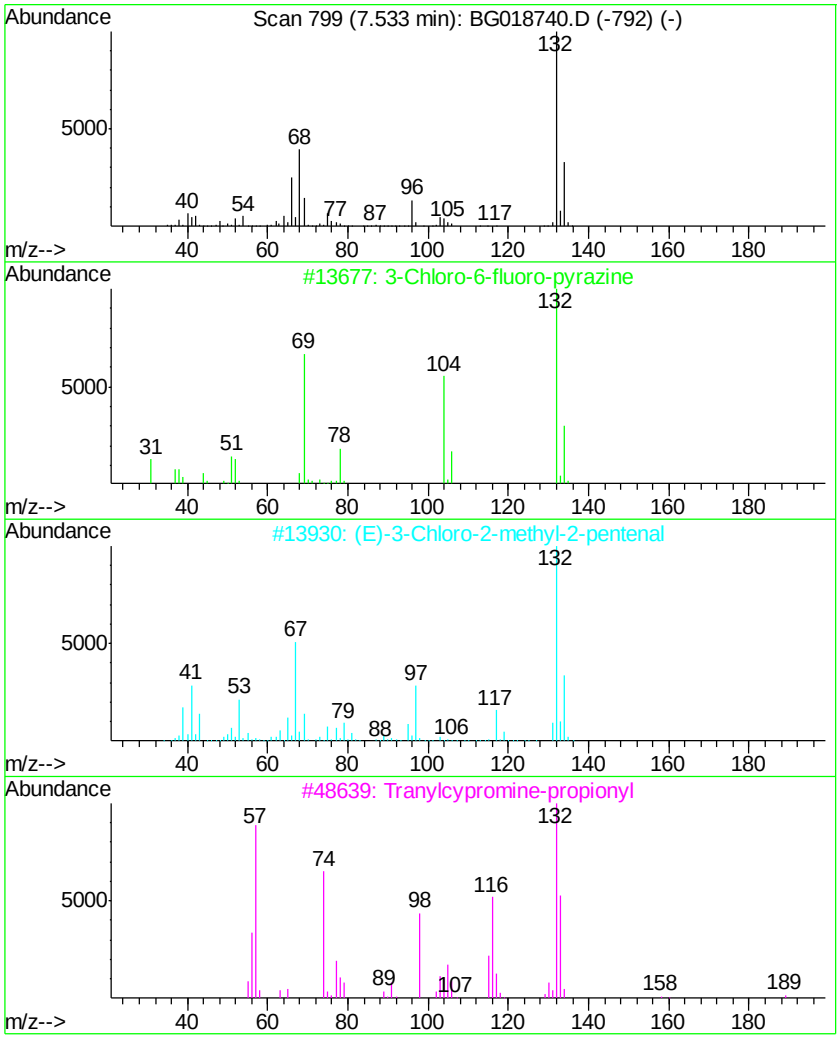
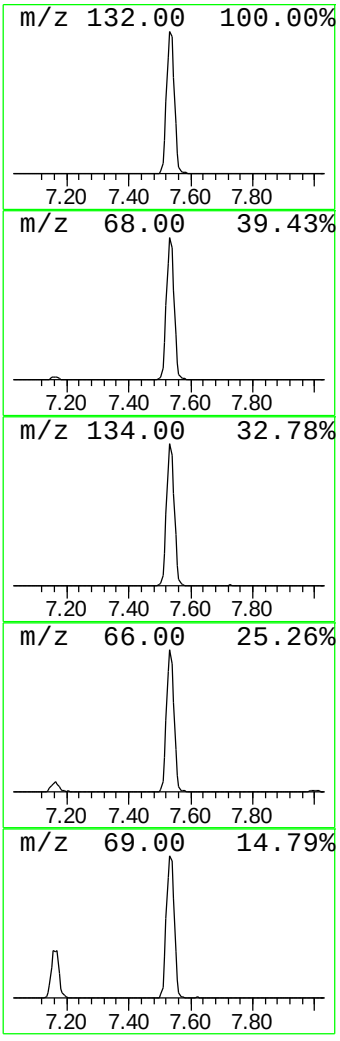
Peak Number 5 unknown7.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	82.99 ng	956382	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091815\
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Acq On : 17 Sep 2015 16:10
Operator : TP
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS033031

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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
Propane, 2,2-dime...	2.96	234.0	ng	2696590	1	8.00	230471	20.0
Butane, 2-methoxy...	3.18	178.2	ng	2053600	1	8.00	230471	20.0
2-Pentanone, 4-hy...	5.11	11.8	ng	136303	1	8.00	230471	20.0
unknown7.53	7.53	83.0	ng	956382	1	8.00	230471	20.0