LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091147.D
Acq On : 11 Nov 2016 18:30
Operator : UM/SJ
Sample : H5609-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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_F\METHODS\8270-BF110316.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	1.744	3	5	60	rVB	3522273	9692986	100.00%	19.192%
2	4.773	268	270	281	rVB	225370	317558	3.28%	0.629%
3	5.230	307	310	323	rBV	1683588	2266881	23.39%	4.488%
4	6.293	401	403	411	rBV	1223500	1475215	15.22%	2.921%
5	6.407	411	413	416	rBV	3783978	3853213	39.75%	7.629%
6	6.636	431	433	444	rBV2	725299	1081974	11.16%	2.142%
7	6.796	444	447	461	rVV	3917692	3986091	41.12%	7.892%
8	6.990	461	464	467	rVB	71768	112694	1.16%	0.223%
9	7.219	481	484	486	rBV	2826079	3733863	38.52%	7.393%
10	7.425	499	502	504	rBV	311088	323661	3.34%	0.641%
11	7.927	544	546	550	rBV	1540711	1558607	16.08%	3.086%
12	9.013	638	641	643	rBV	5424564	6374006	65.76%	12.620%
13	9.619	689	694	697	rBV2	66284	165335	1.71%	0.327%
14	9.676	697	699	701	rBV	1873172	1630482	16.82%	3.228%
15	10.465	766	768	771	rBV	3037437	3712187	38.30%	7.350%
16	10.591	777	779	784	rVB	70075	97070	1.00%	0.192%
17	11.059	816	820	826	rBV2	61409	134775	1.39%	0.267%
18	11.151	826	828	831	rVV	1450738	1547859	15.97%	3.065%
19	12.739	964	967	970	rBV	4415993	6078144	62.71%	12.034%
20	13.780	1056	1058	1061	rBV	1206826	1319199	13.61%	2.612%
21	15.151	1175	1178	1189	rVB	871136	1044729	10.78%	2.069%

Sum of corrected areas: 50506529

LSC Report - Integrated Chromatogram

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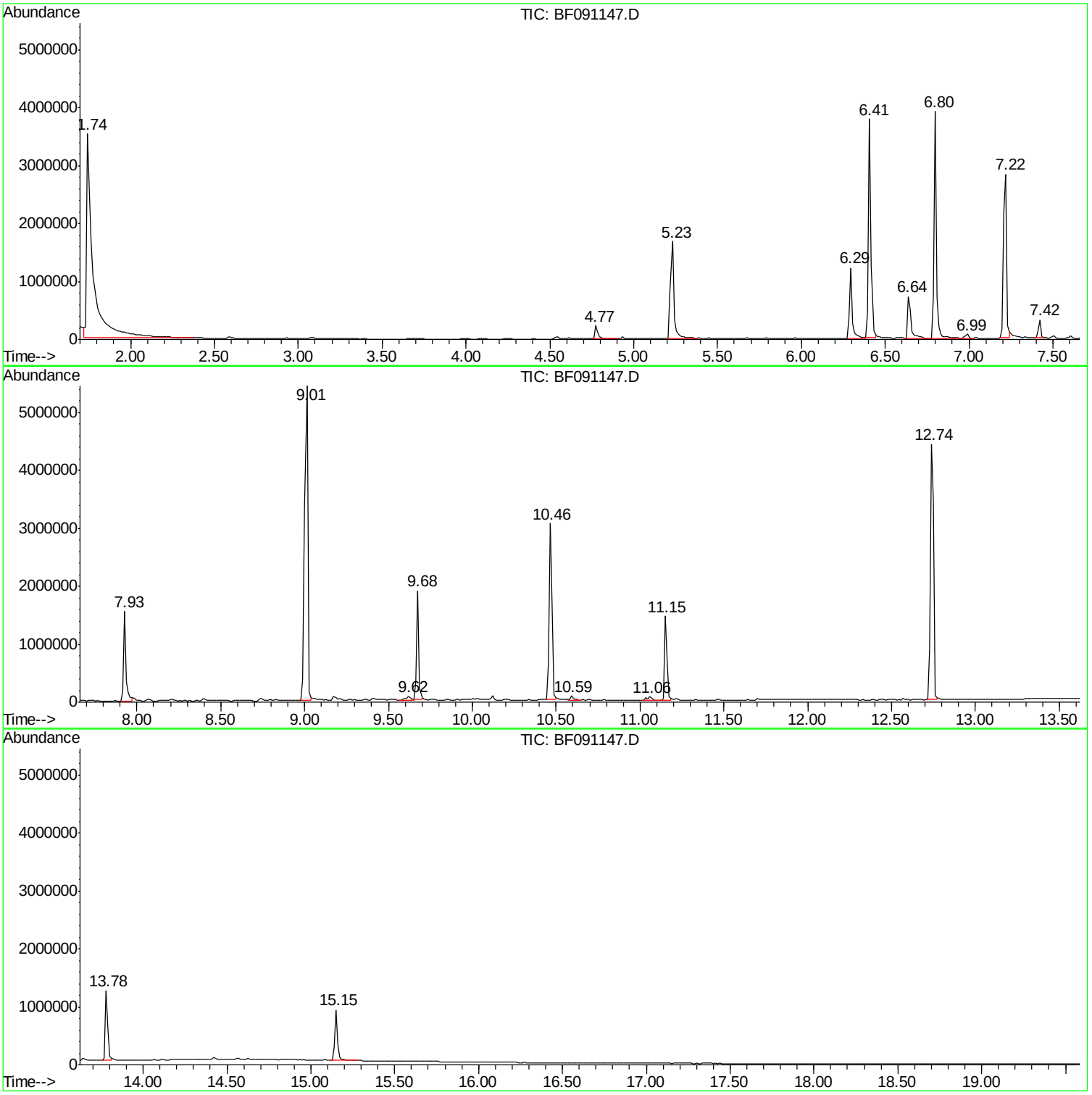
Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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 : BF091147.D
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Operator : UM/SJ
Sample : H5609-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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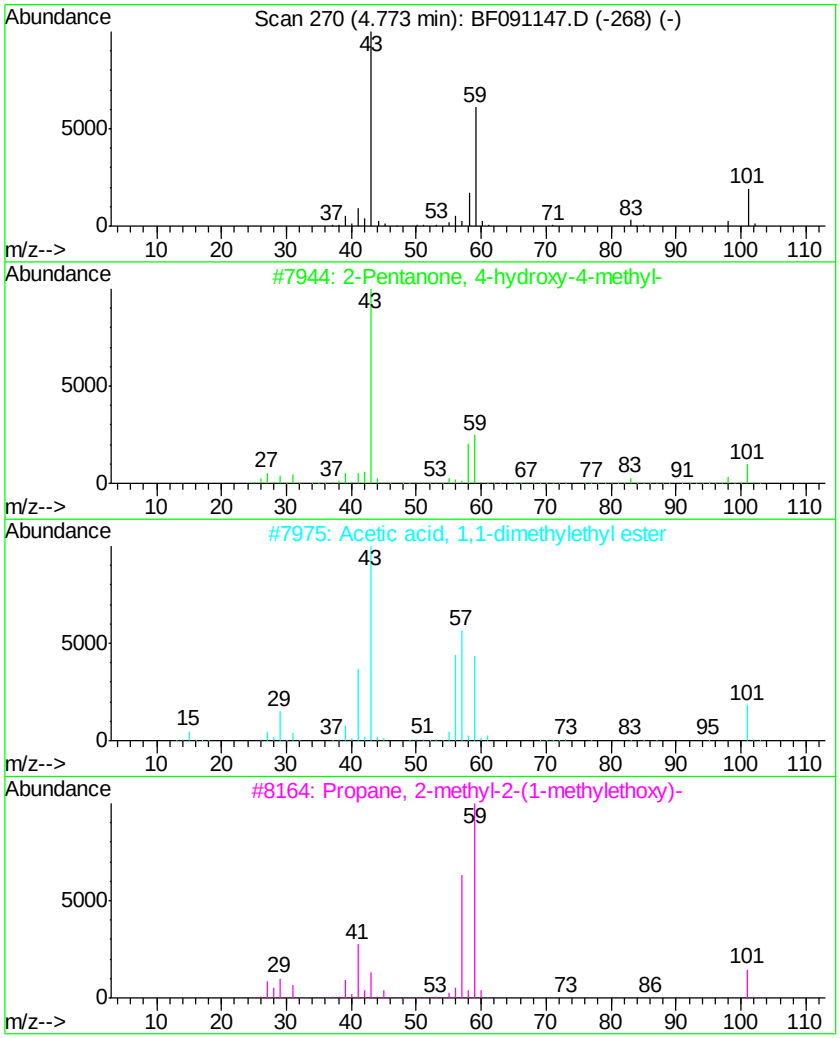
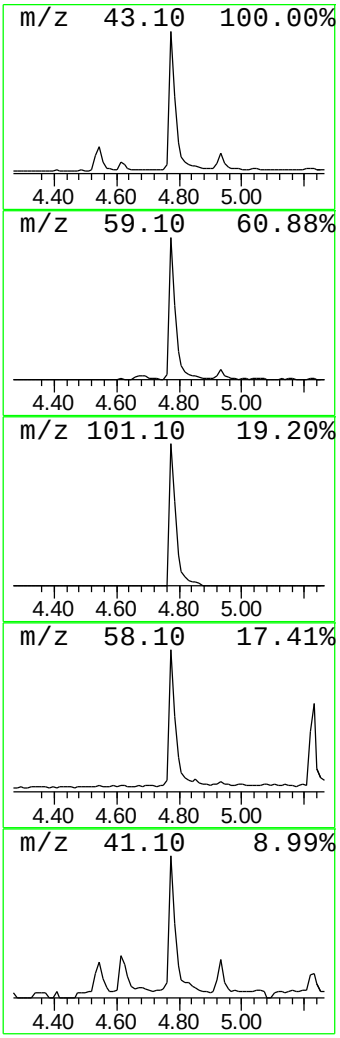
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	5.87 ng	317558	1,4-Dichlorobenzene-d4	6.64

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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Data File : BF091147.D
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Operator : UM/SJ
Sample : H5609-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
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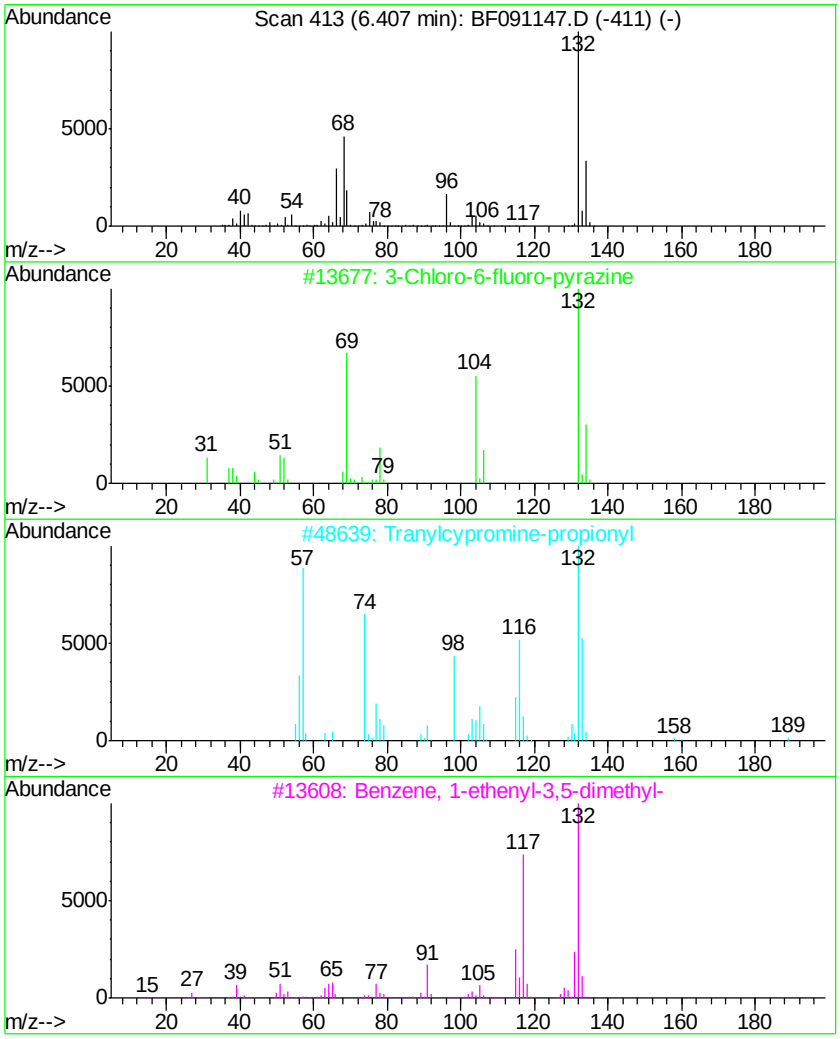
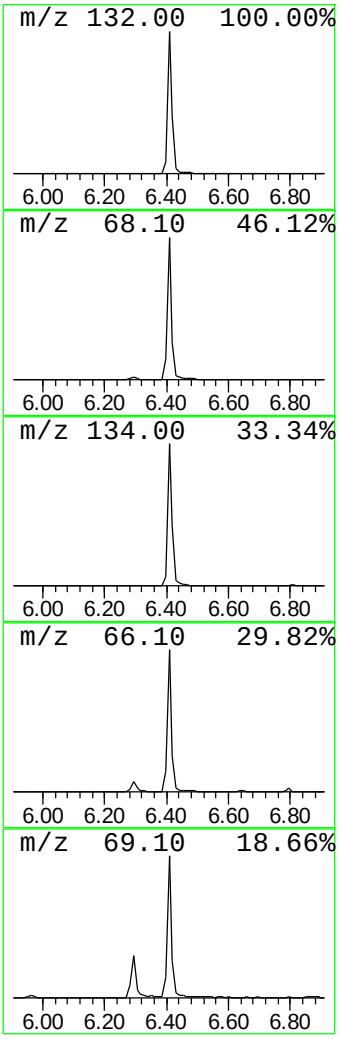
Peak Number 3 unknown6.41 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	71.23 ng	3853210	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091147.D
Acq On : 11 Nov 2016 18:30
Operator : UM/SJ
Sample : H5609-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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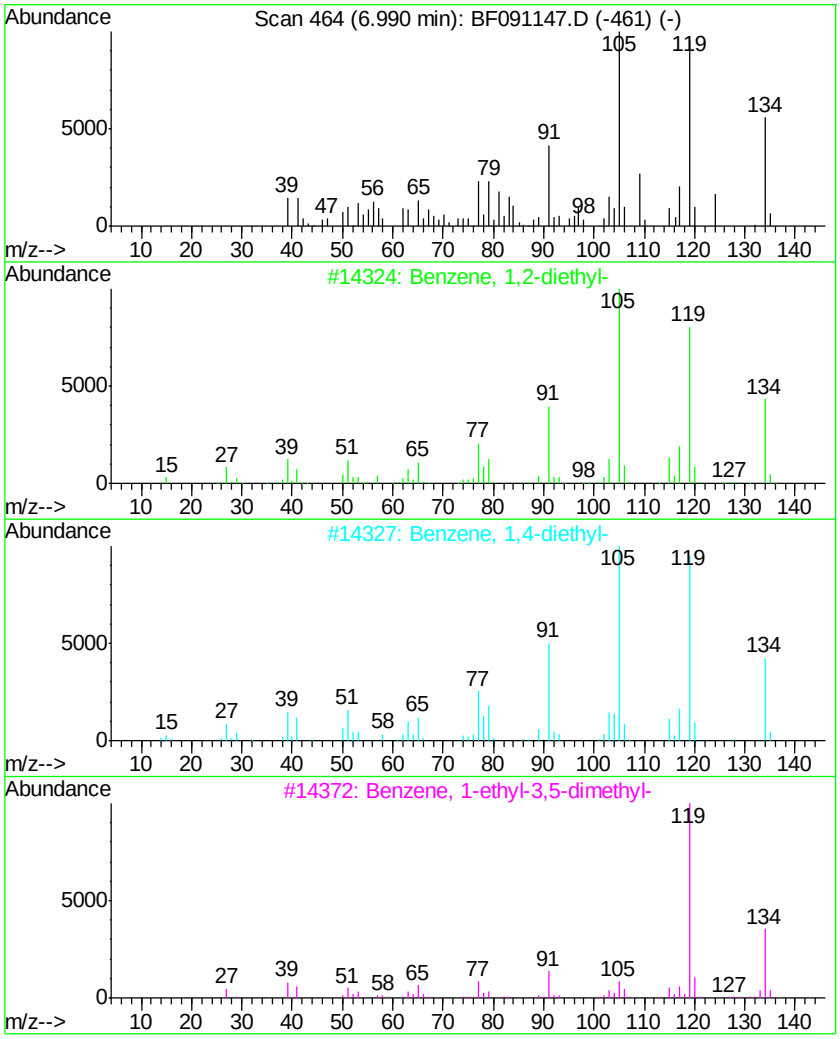
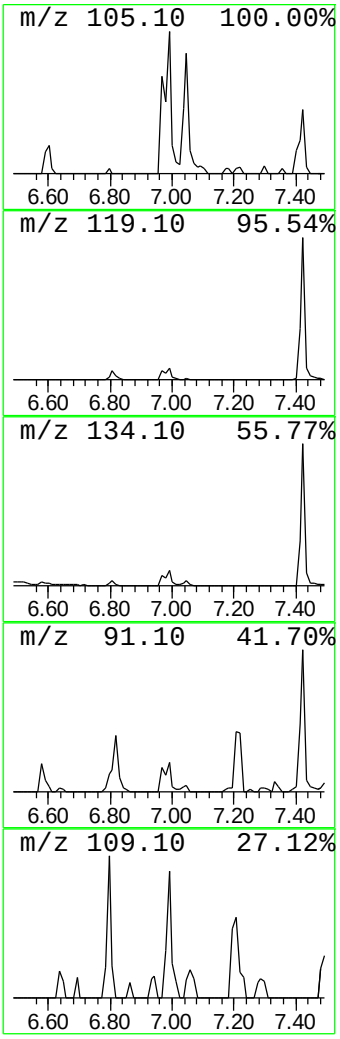
Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	2.08 ng	112694	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60





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Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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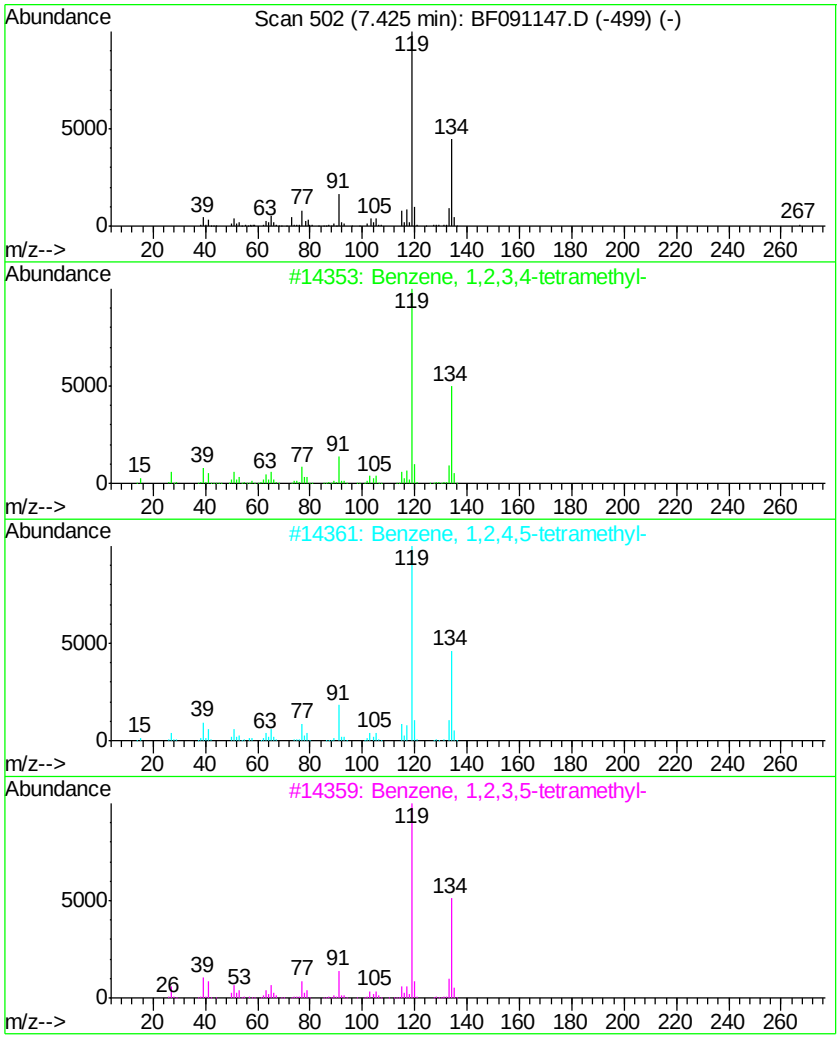
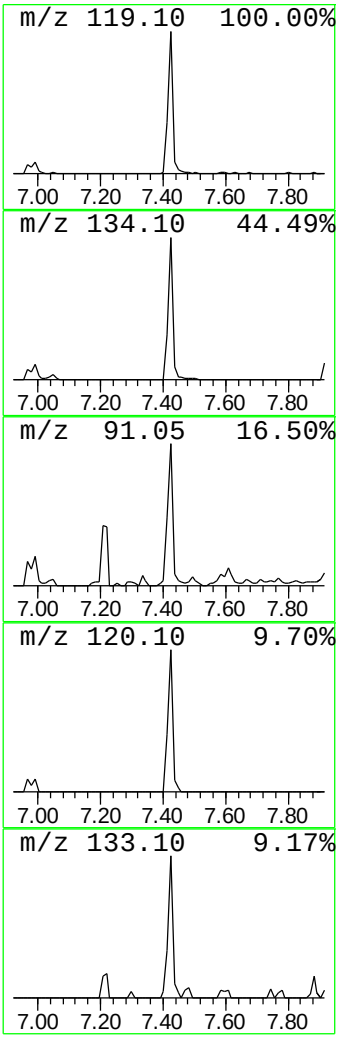
Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	4.15 ng	323661	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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Instrument : BNA_F
ClientSampleId : MW-16

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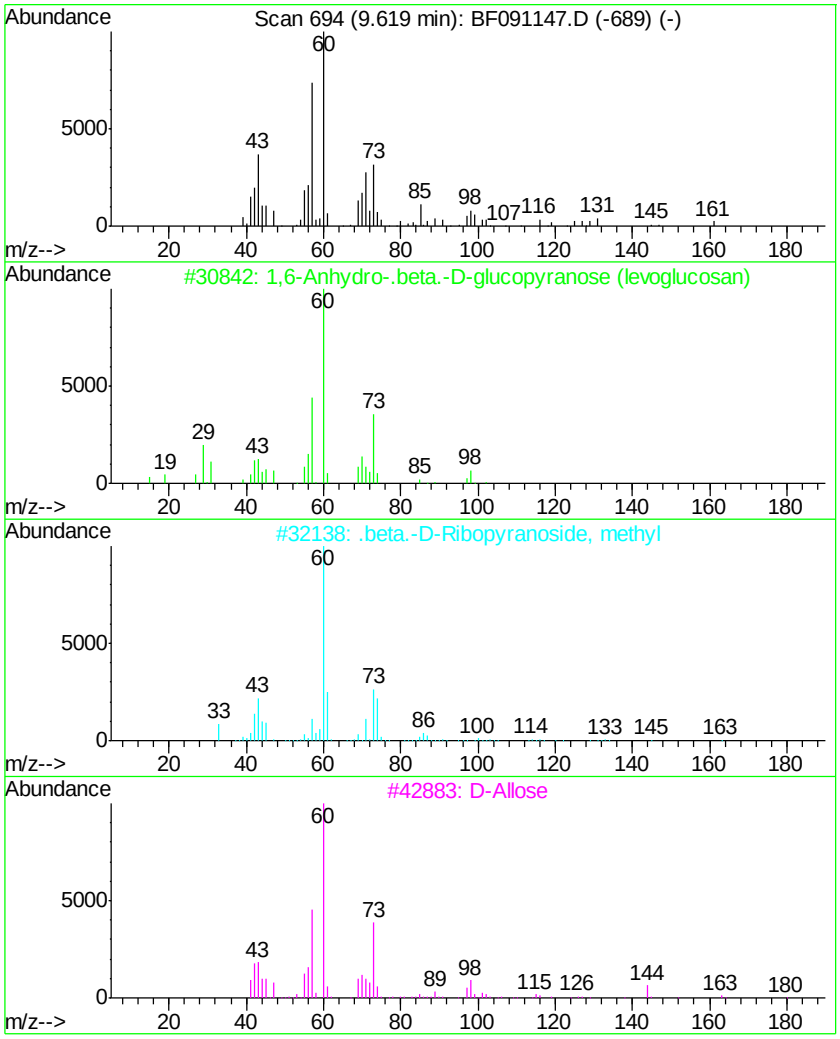
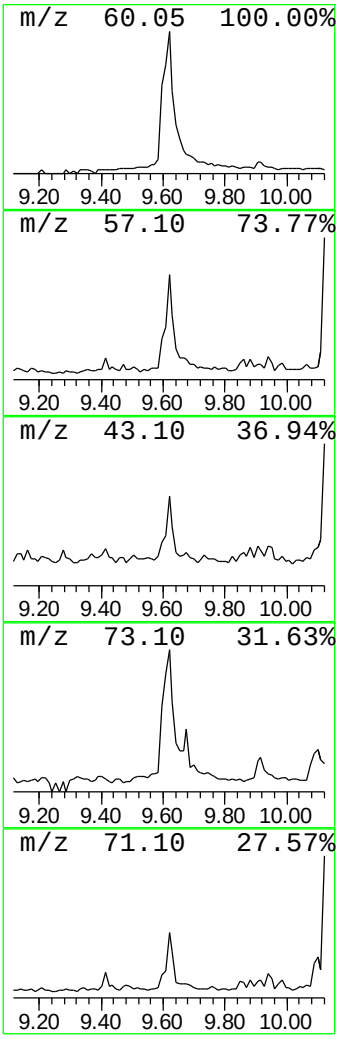
Peak Number 7 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.03 ng	165335	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	53
2	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	50
3	D-Allose	180	C6H12O6	002595-97-3	47
4	Formic acid hydrazide	60	CH4N2O	000624-84-0	35
5	3,4-Altrosan	162	C6H10O5	1000129-76-4	32





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : MW-16

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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
2-Pentanone, 4-hy...	4.77	5.9	ng	317558	1	6.64	1081970	20.0
unknown6.41	6.41	71.2	ng	3853210	1	6.64	1081970	20.0
Benzene, 1,2-diet...	6.99	2.1	ng	112694	1	6.64	1081970	20.0
Benzene, 1,2,3,4-...	7.42	4.2	ng	323661	2	7.93	1558610	20.0
1,6-Anhydro-.beta...	9.62	2.0	ng	165335	3	9.68	1630480	20.0