LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
Data File : BF078286.D
Acq On : 7 Apr 2015 6:33
Operator : TP/IZ
Sample : G1779-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(1-3)

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-BF040115.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	1.138	19	22	24	rBV	2177563	2382070	100.00%	24.969%
2	1.253	28	32	35	rVB	82005	131415	5.52%	1.377%
3	1.401	43	45	48	rVB	43863	47684	2.00%	0.500%
4	1.687	68	70	79	rBV	44333	70192	2.95%	0.736%
5	4.693	331	333	339	rBV	38816	63926	2.68%	0.670%
6	5.253	380	382	396	rBV	303518	476347	20.00%	4.993%
7	6.579	495	498	506	rBV	400264	497270	20.88%	5.212%
8	6.693	506	508	511	rBV	560396	533922	22.41%	5.597%
9	6.979	530	533	535	rBV	222148	212707	8.93%	2.230%
10	7.162	547	549	552	rBV	460063	408257	17.14%	4.279%
11	7.676	592	594	596	rBV	339467	305883	12.84%	3.206%
12	8.556	669	671	673	rBV	313215	297288	12.48%	3.116%
13	9.905	787	789	791	rBV	643612	635783	26.69%	6.664%
14	10.716	858	860	863	rVB	371673	344492	14.46%	3.611%
15	11.699	943	946	948	rBV2	262515	343176	14.41%	3.597%
16	12.545	1018	1020	1025	rBV2	351983	424075	17.80%	4.445%
17	14.042	1149	1151	1154	rBV	119367	120069	5.04%	1.259%
18	14.317	1173	1175	1178	rBV	109074	124170	5.21%	1.302%
19	14.545	1192	1195	1197	rBV	530139	739685	31.05%	7.753%
20	15.723	1295	1298	1303	rBV2	29693	54212	2.28%	0.568%
21	15.814	1303	1306	1311	rVV2	427291	562334	23.61%	5.894%
22	15.883	1311	1312	1315	rVB	28350	26475	1.11%	0.278%
23	17.083	1414	1417	1421	rBV	48338	107864	4.53%	1.131%
24	17.380	1441	1443	1446	rBV	32170	45896	1.93%	0.481%
25	17.448	1446	1449	1452	rBV	42812	54259	2.28%	0.569%
26	17.506	1452	1454	1457	rBV	354093	446283	18.74%	4.678%
27	18.786	1563	1566	1571	rBV2	21246	47706	2.00%	0.500%
28	19.163	1596	1599	1602	rVB	21618	36765	1.54%	0.385%

Sum of corrected areas: 9540205

LSC Report - Integrated Chromatogram

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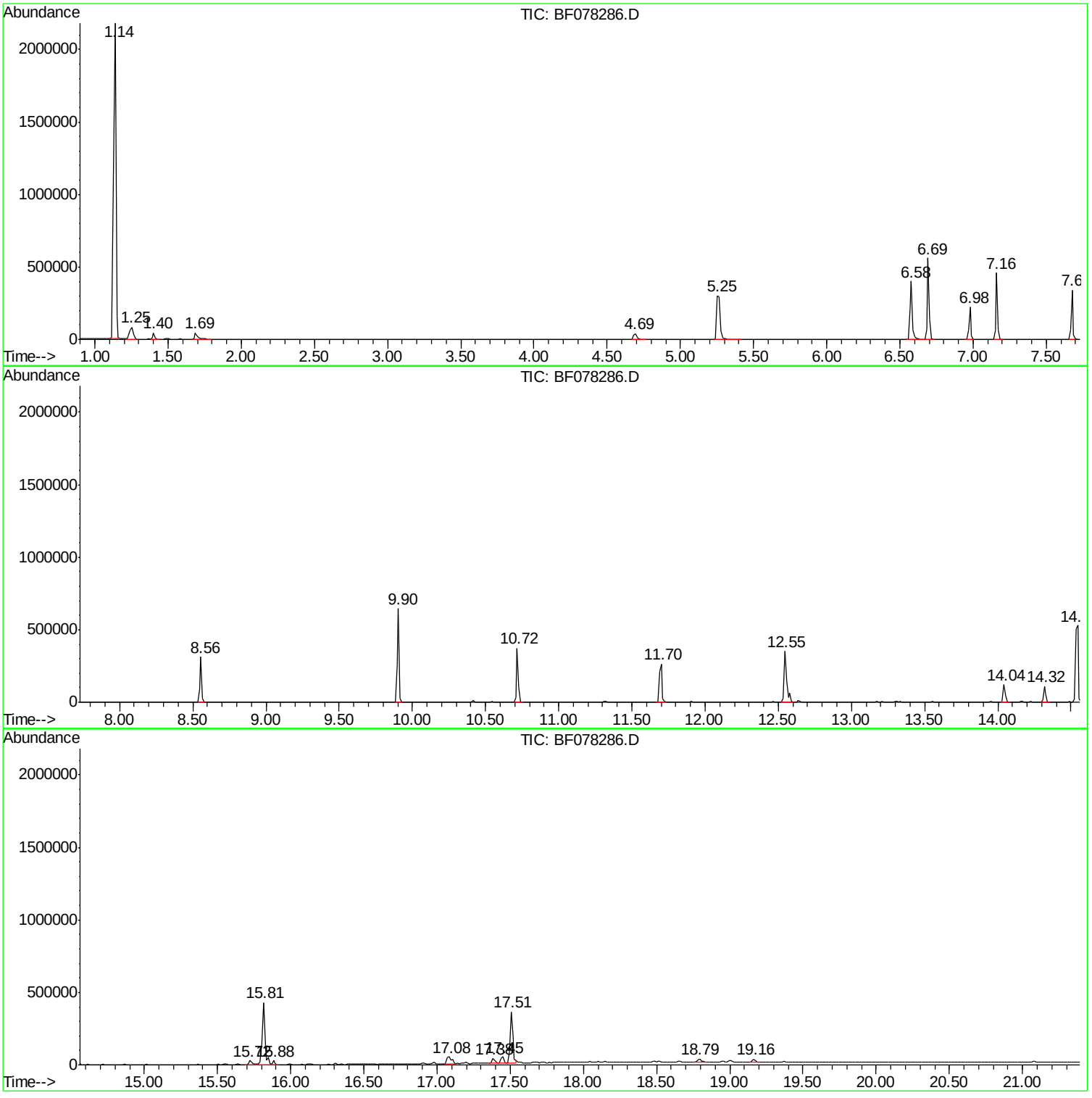
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(1-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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Sample : G1779-01
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Instrument : BNA_F
ClientSampleId : SB-2(1-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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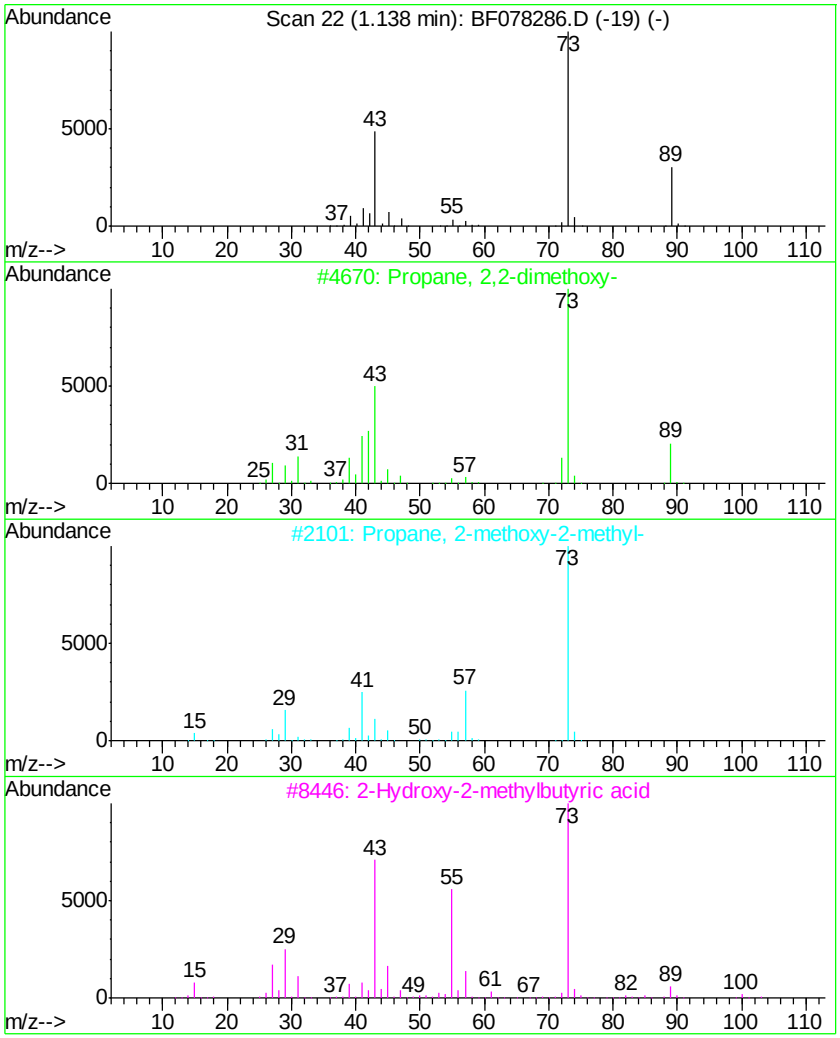
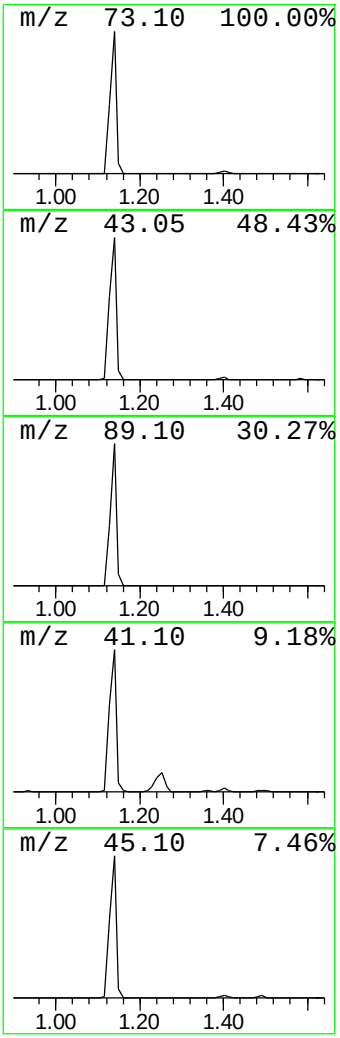
Peak Number 1 unknown1.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.14	223.98 ng	2382070	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4





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Sample : G1779-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(1-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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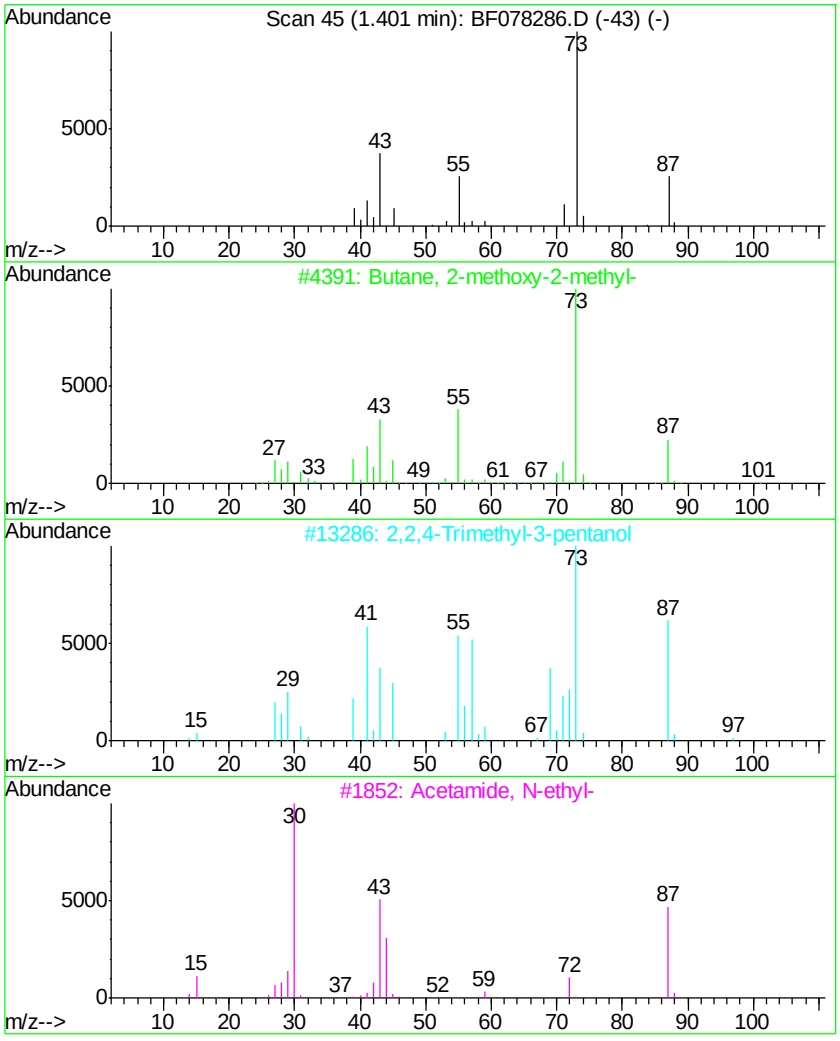
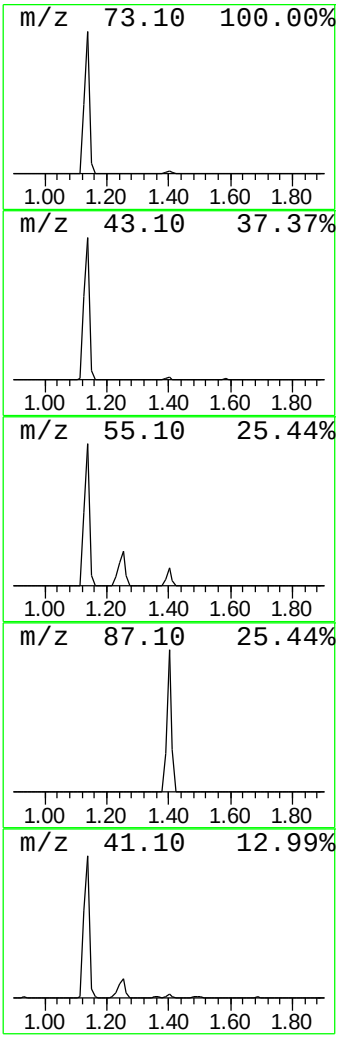
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	4.48 ng	47684	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Data File : BF078286.D
Acq On : 7 Apr 2015 6:33
Operator : TP/IZ
Sample : G1779-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(1-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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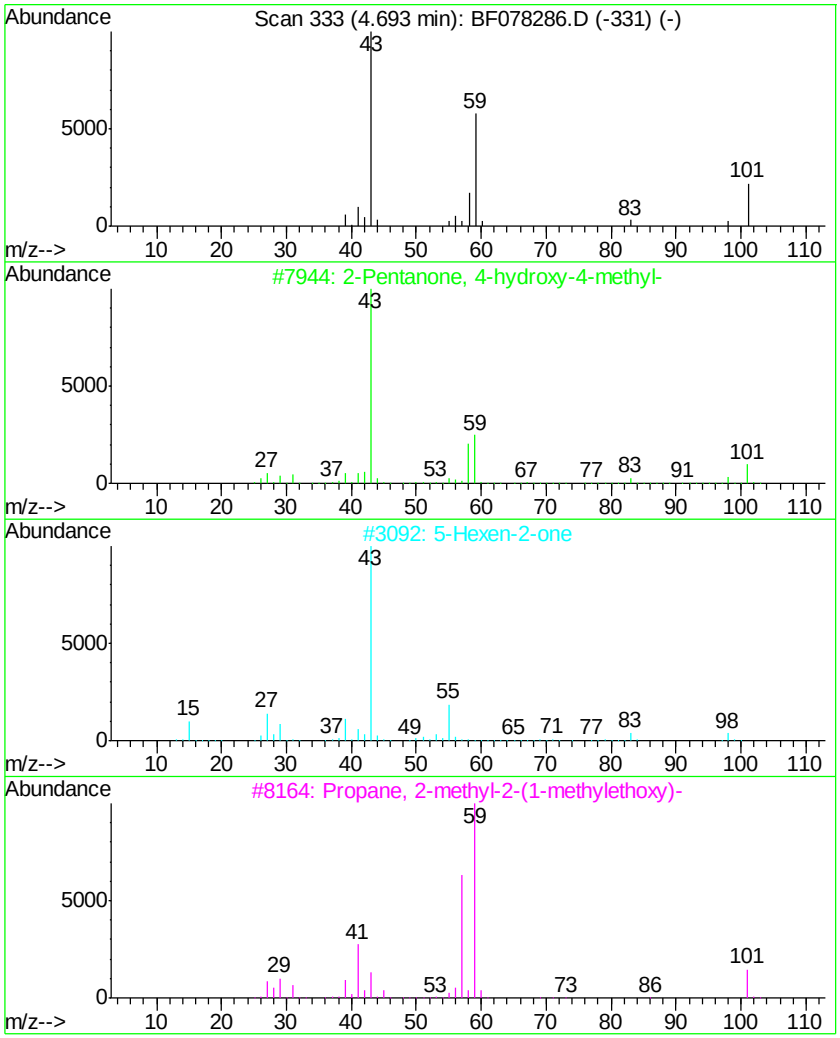
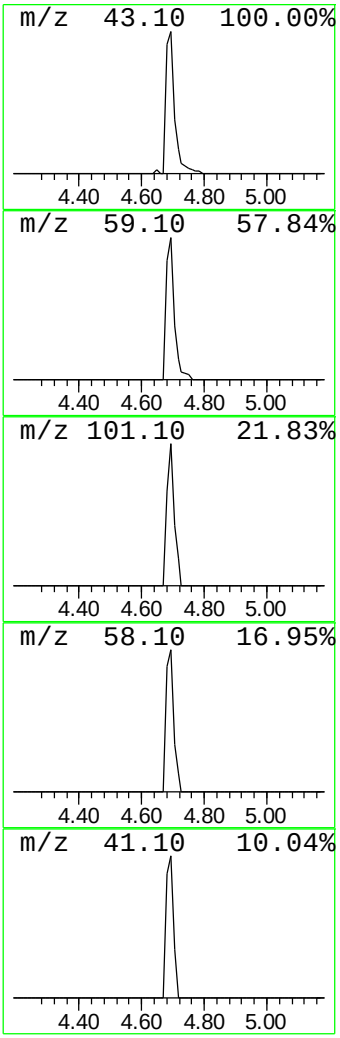
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	6.01 ng	63926	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	3-Hexanol	102	C6H14O	000623-37-0	9





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(1-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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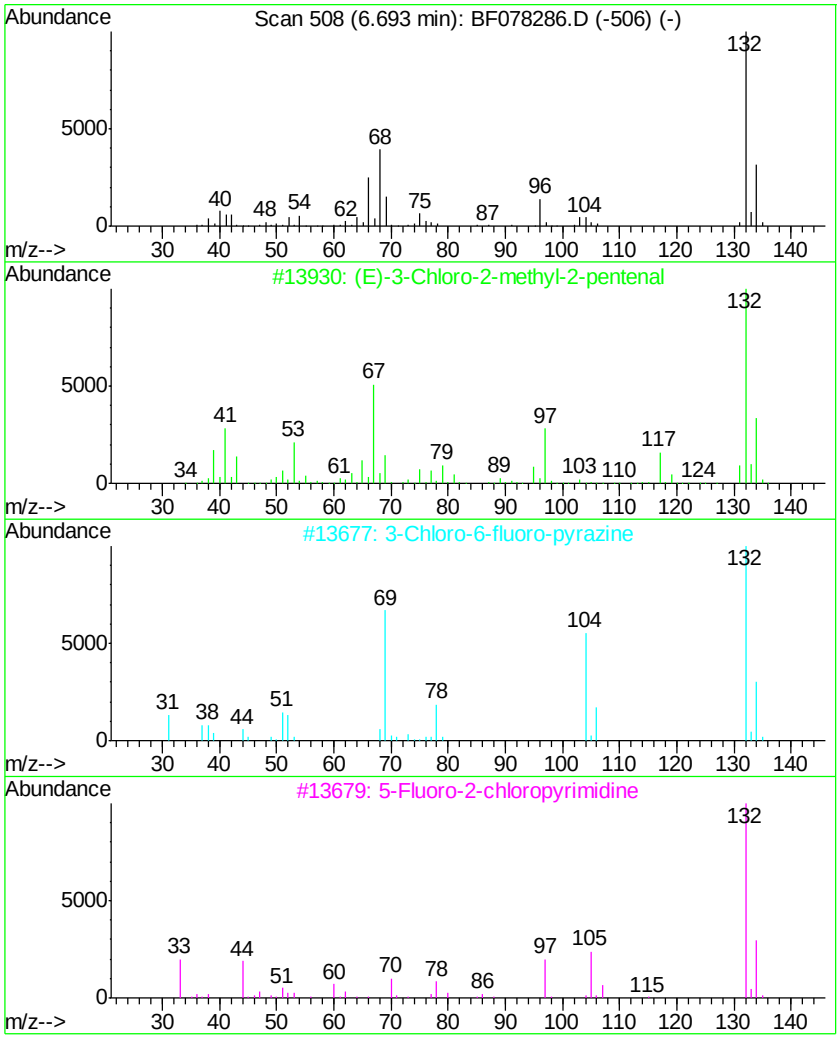
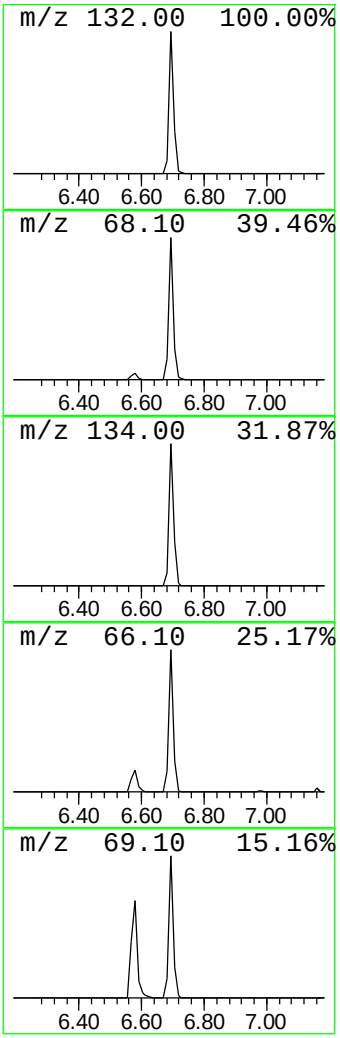
Peak Number 6 unknown6.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	50.20 ng	533922	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
Data File : BF078286.D
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(1-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
unknown1.14	1.14	224.0	ng	2382070	1	6.98	212707	20.0
Butane, 2-methoxy...	1.40	4.5	ng	47684	1	6.98	212707	20.0
2-Pentanone, 4-hy...	4.69	6.0	ng	63926	1	6.98	212707	20.0
unknown6.69	6.69	50.2	ng	533922	1	6.98	212707	20.0