LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078066.D
Acq On : 28 Mar 2015 7:25
Operator : TP/IZ
Sample : G1667-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-03252015

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-BF031115.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	1.218	27	29	32	rBV	447669	571585	84.25%	8.329%
2	1.344	36	40	43	rVB	69743	114099	16.82%	1.663%
3	1.504	52	54	57	rVB	55741	60130	8.86%	0.876%
4	1.630	64	65	72	rVB	6977	13074	1.93%	0.191%
5	1.744	72	75	87	rVB	57294	120541	17.77%	1.757%
6	4.807	341	343	351	rVB	40676	56897	8.39%	0.829%
7	5.367	389	392	395	rBV	423315	489586	72.16%	7.134%
8	6.659	503	505	508	rBV	457498	487302	71.82%	7.101%
9	6.785	514	516	519	rBV	466783	538044	79.30%	7.841%
10	7.070	539	541	544	rBB	225077	208804	30.78%	3.043%
11	7.253	555	557	560	rBV	352280	415868	61.30%	6.060%
12	7.767	600	602	605	rBV	358213	310154	45.71%	4.520%
13	8.648	677	679	682	rBV	317087	283428	41.78%	4.130%
14	9.996	795	797	799	rBV	719363	627361	92.47%	9.142%
15	10.511	840	842	844	rBB	11025	12346	1.82%	0.180%
16	10.819	867	869	871	rBV	286955	321002	47.31%	4.678%
17	11.791	952	954	957	rBV	298772	339728	50.07%	4.951%
18	11.996	970	972	975	rBB	6343	7798	1.15%	0.114%
19	12.648	1027	1029	1032	rBV	354726	350789	51.70%	5.112%
20	14.648	1201	1204	1206	rBV	545228	678463	100.00%	9.887%
21	15.825	1304	1307	1313	rBV	14580	26198	3.86%	0.382%
22	15.928	1313	1316	1318	rBV	376957	412031	60.73%	6.004%
23	17.654	1464	1467	1470	rBV	324313	406052	59.85%	5.917%
24	18.271	1518	1521	1525	rBV5	3867	10974	1.62%	0.160%

Sum of corrected areas: 6862254

LSC Report - Integrated Chromatogram

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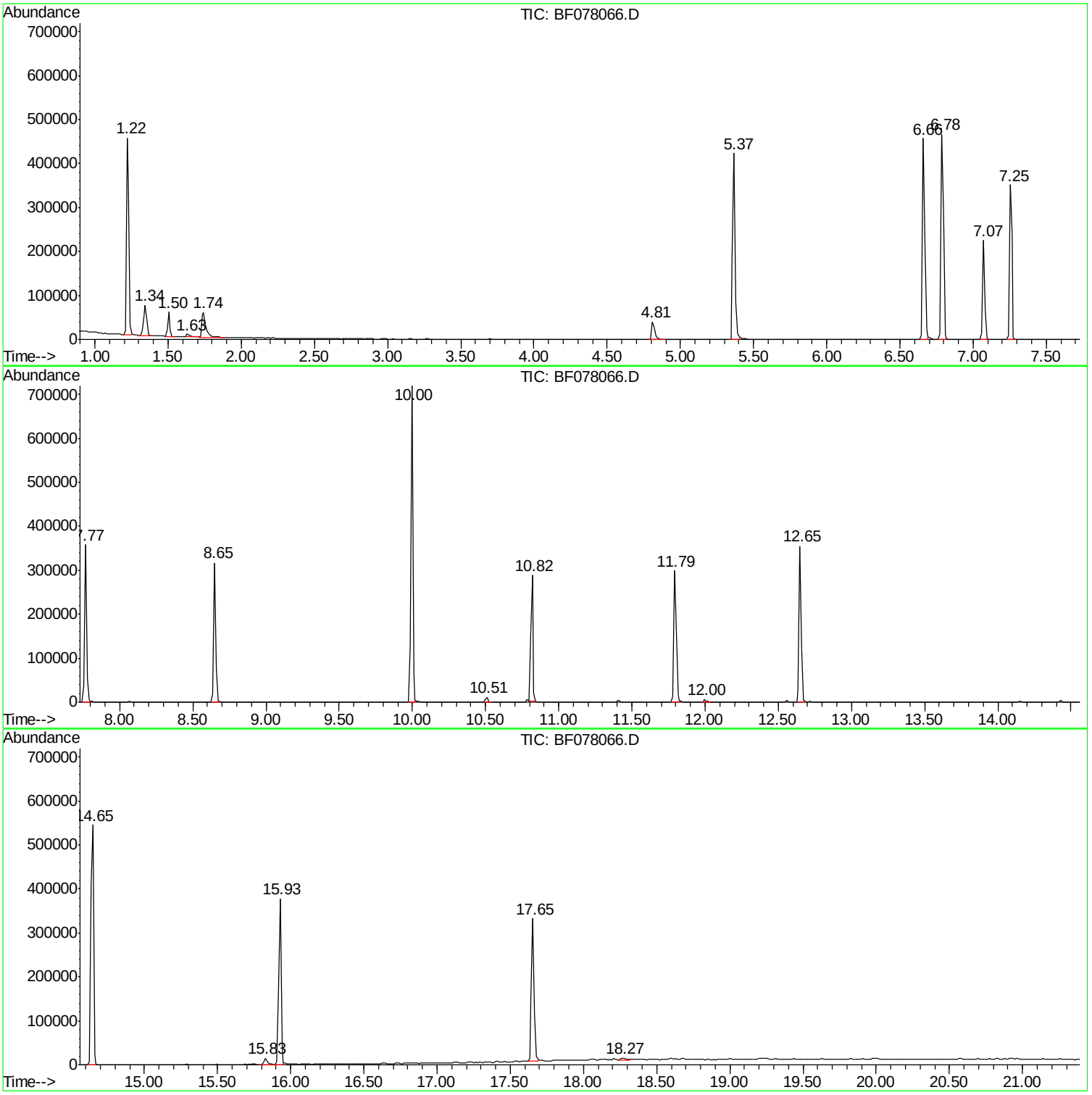
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-03252015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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 : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078066.D
Acq On : 28 Mar 2015 7:25
Operator : TP/IZ
Sample : G1667-15
Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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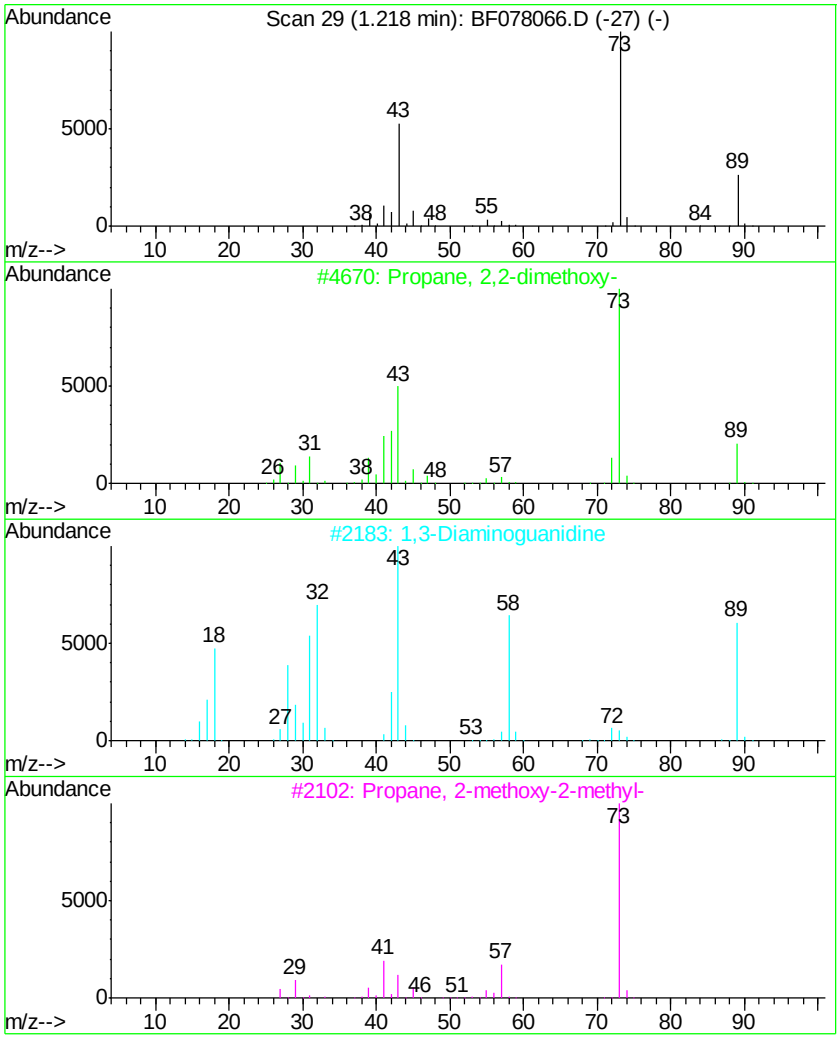
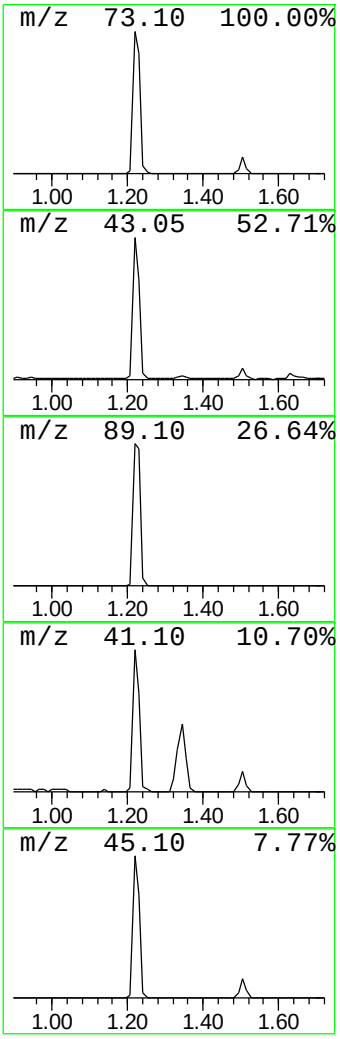
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	54.75 ng	571585	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





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Sample : G1667-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-03252015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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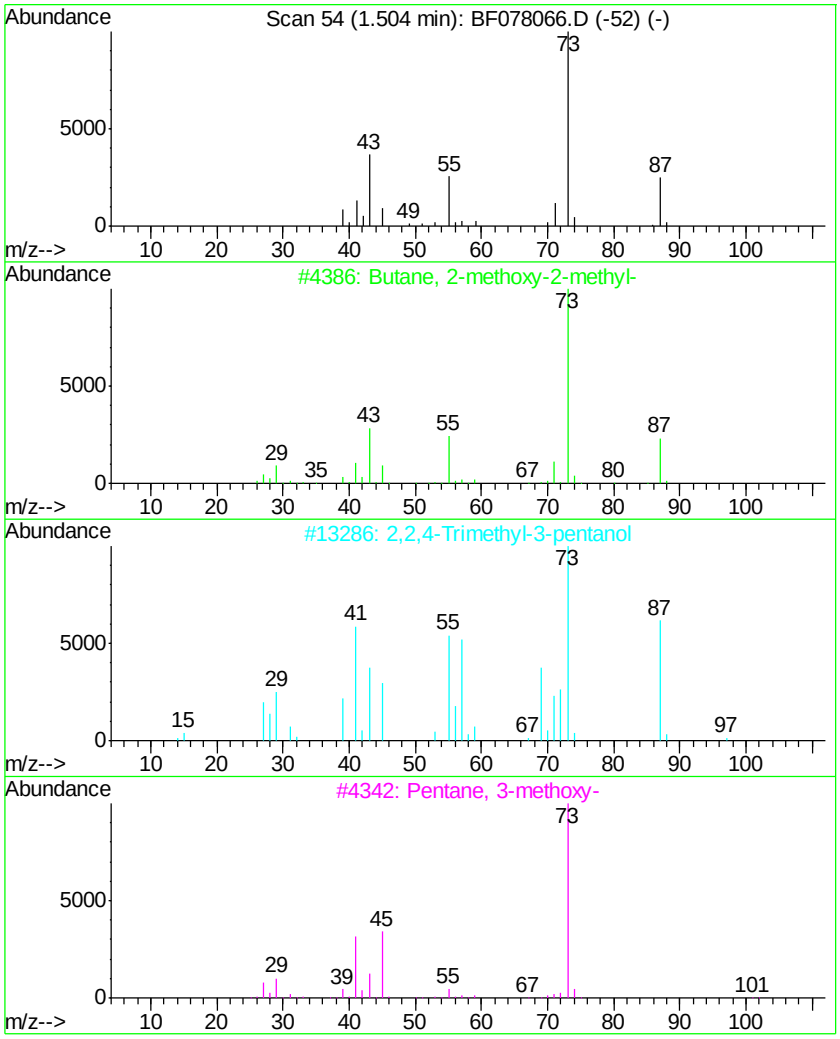
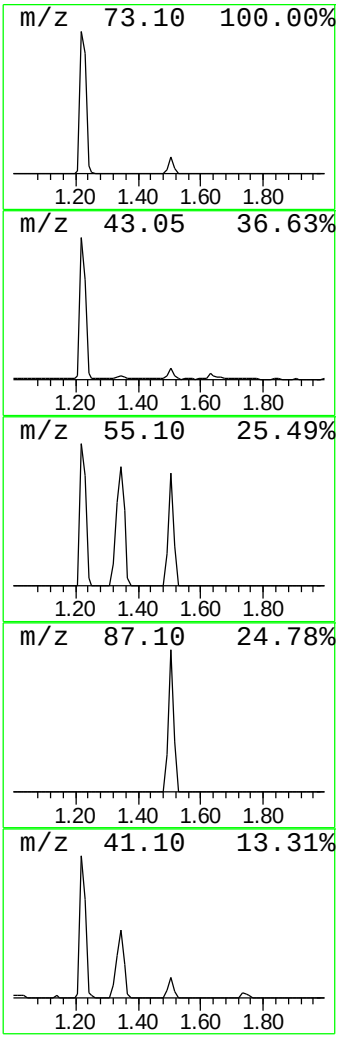
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	5.76 ng	60130	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078066.D
Acq On : 28 Mar 2015 7:25
Operator : TP/IZ
Sample : G1667-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-03252015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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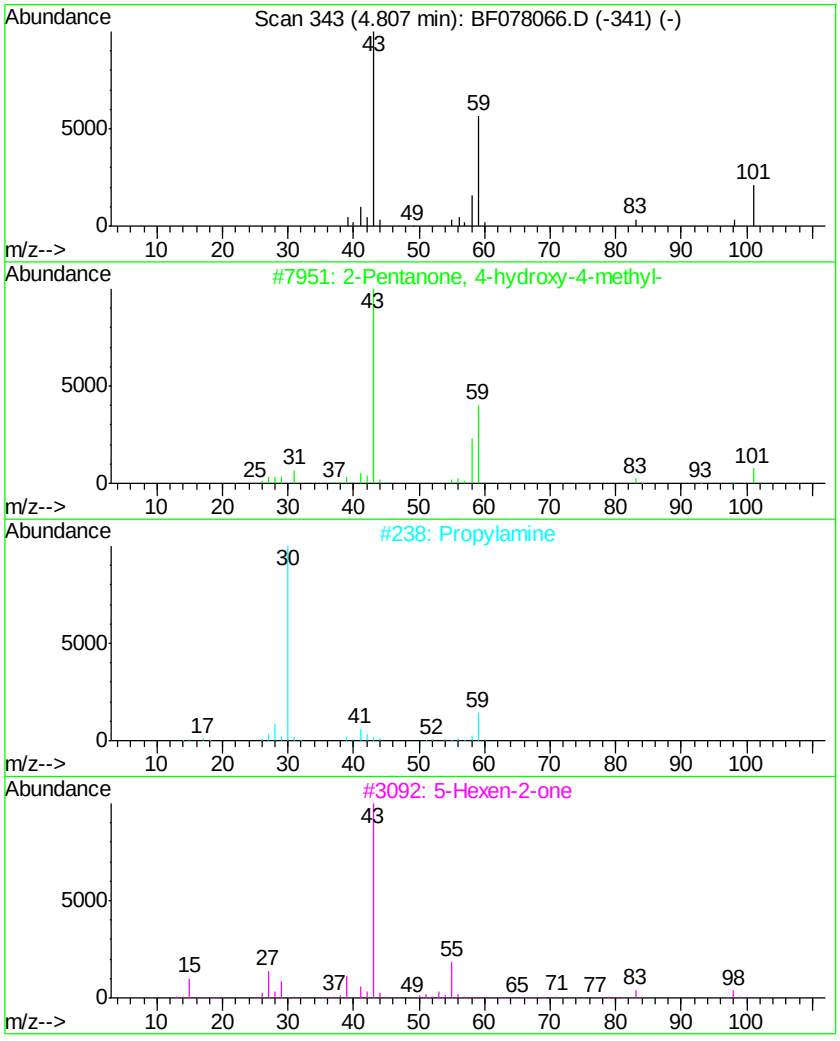
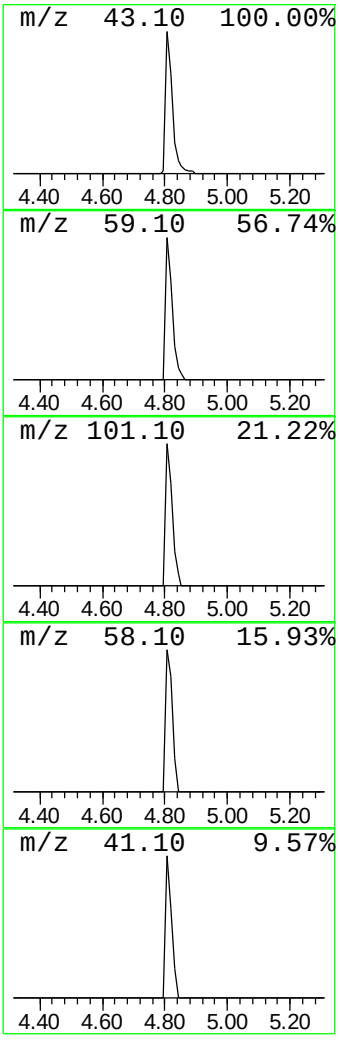
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	5.45 ng	56897	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Propylamine	59	C3H9N	000107-10-8	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Library Search Compound Report

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Sample : G1667-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-03252015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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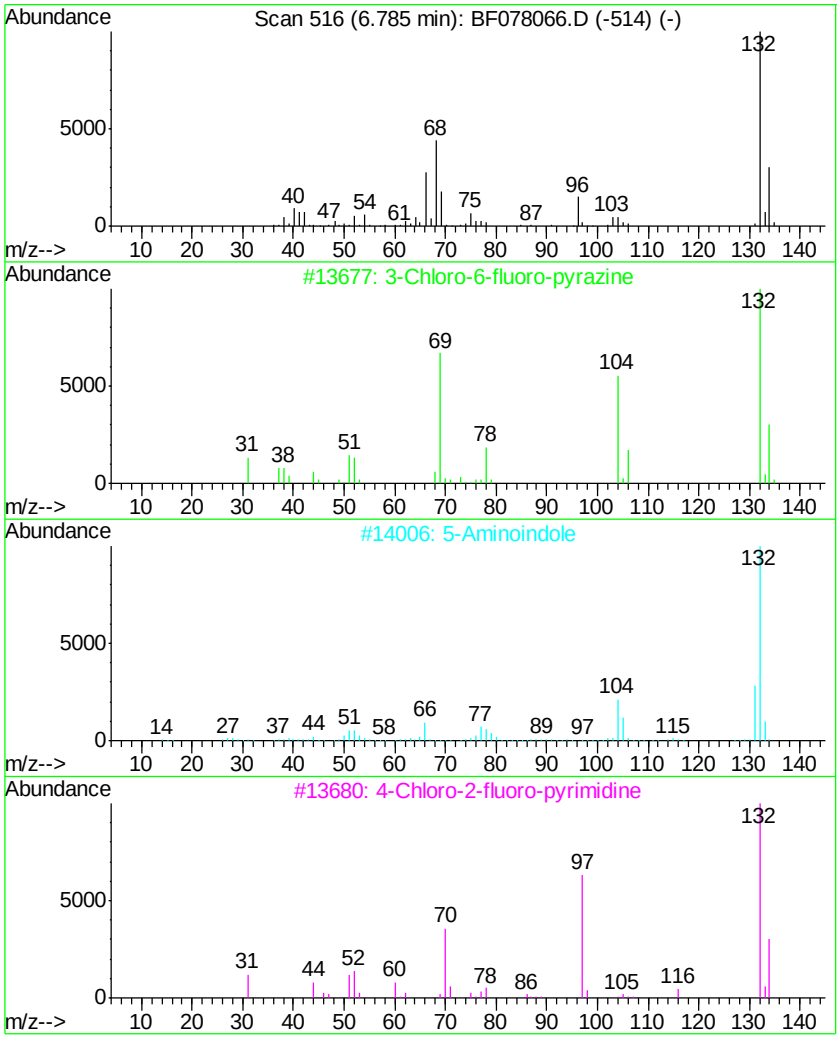
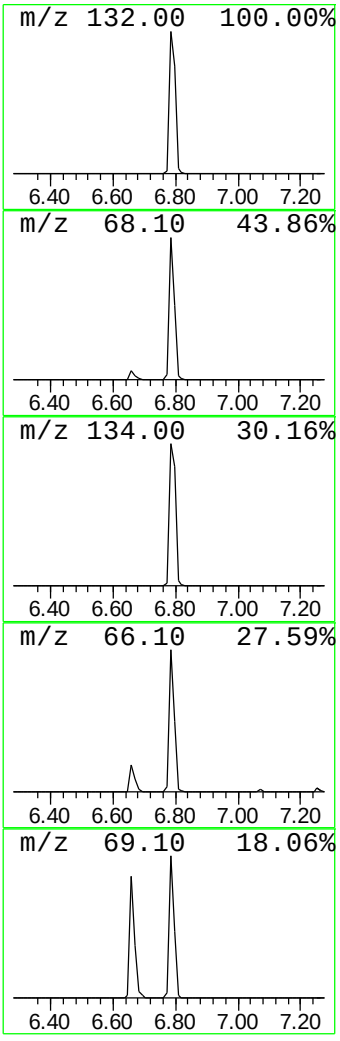
Peak Number 6 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	51.54 ng	538044	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
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Sample : G1667-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-03252015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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...	1.22	54.8	ng	571585	1	7.07	208804	20.0
Butane, 2-methoxy...	1.50	5.8	ng	60130	1	7.07	208804	20.0
2-Pentanone, 4-hy...	4.81	5.5	ng	56897	1	7.07	208804	20.0
unknown6.78	6.78	51.5	ng	538044	1	7.07	208804	20.0