LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079167.D
Acq On : 12 May 2015 19:45
Operator : TP/IZ
Sample : G2104-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101

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-BF043015.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	1.564	30	33	36	rVB	313677	456707	15.02%	1.879%
2	1.735	46	48	56	rVV2	665337	952500	31.32%	3.919%
3	1.850	56	58	88	rVB	1700769	3041056	100.00%	12.512%
4	5.073	339	340	348	rVB	62660	76632	2.52%	0.315%
5	5.576	382	384	387	rBV	629937	879253	28.91%	3.618%
6	6.364	452	453	458	rBV	32158	46338	1.52%	0.191%
7	6.844	493	495	498	rBV	720145	630944	20.75%	2.596%
8	6.993	506	508	511	rBV	1733418	1590041	52.29%	6.542%
9	7.279	531	533	535	rBV	651298	614977	20.22%	2.530%
10	7.473	547	550	552	rVB	1098860	1439046	47.32%	5.921%
11	7.976	591	594	596	rBV	1320489	1272941	41.86%	5.237%
12	8.856	669	671	673	rBV	973168	871761	28.67%	3.587%
13	10.045	773	775	778	rBV	185349	195343	6.42%	0.804%
14	10.205	786	789	791	rBV	2960460	2870326	94.39%	11.810%
15	10.376	801	804	806	rBV	44680	54702	1.80%	0.225%
16	11.028	859	861	864	rBV2	877821	1004905	33.04%	4.135%
17	11.565	907	908	914	rVB3	16165	35719	1.17%	0.147%
18	11.931	938	940	944	rBV	38234	38739	1.27%	0.159%
19	12.011	944	947	950	rBV	1584791	1680255	55.25%	6.913%
20	12.879	1020	1023	1025	rBV	998308	1080961	35.55%	4.448%
21	13.588	1083	1085	1087	rBV2	51331	68781	2.26%	0.283%
22	14.868	1195	1197	1200	rBV	2083989	2895521	95.21%	11.913%
23	16.034	1297	1299	1304	rVB2	43574	72766	2.39%	0.299%
24	16.171	1308	1311	1313	rBV	828940	1214136	39.92%	4.996%
25	17.874	1457	1460	1463	rVB	955118	1220209	40.12%	5.020%

Sum of corrected areas: 24304559

LSC Report - Integrated Chromatogram

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Misc :
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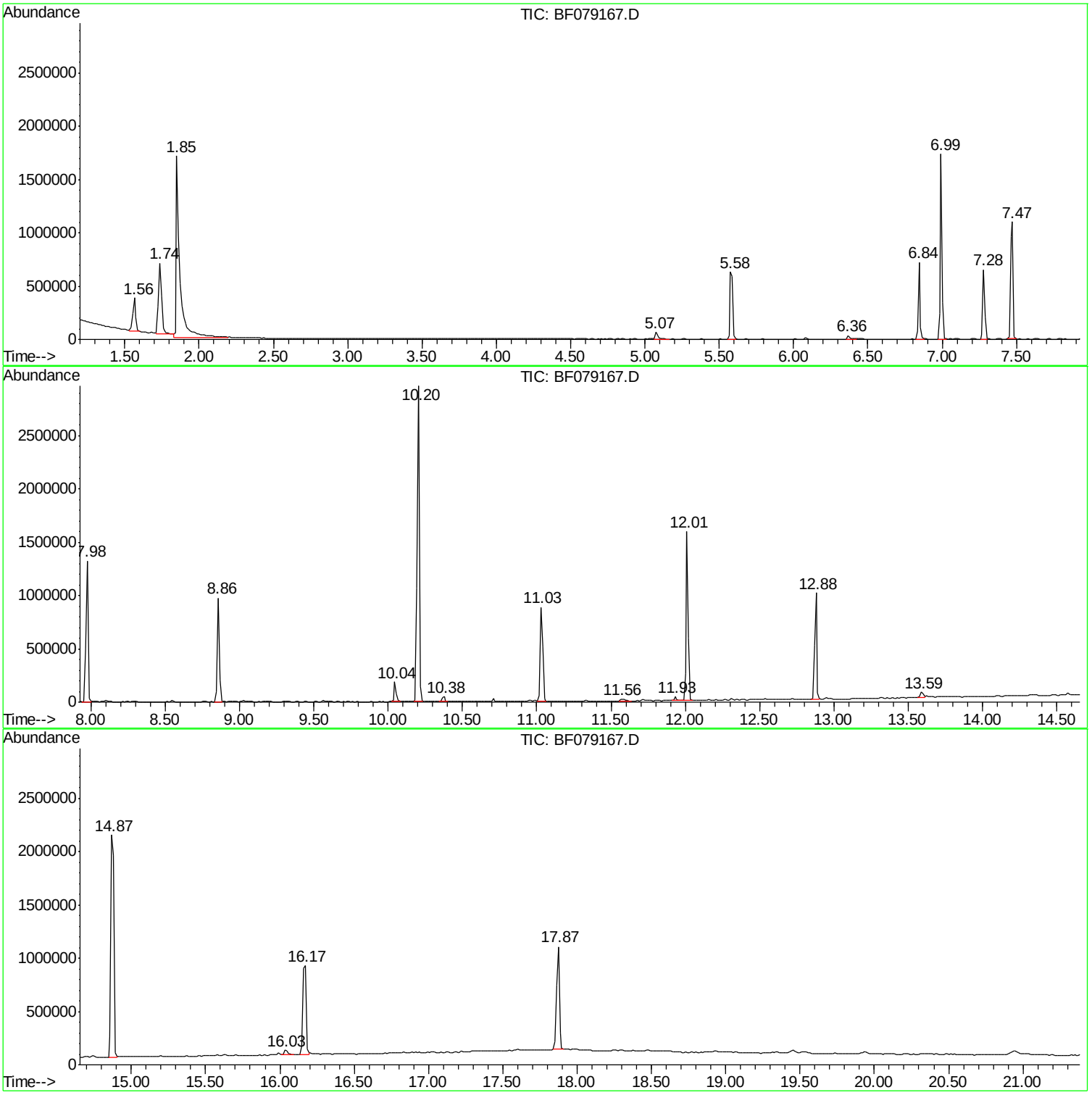
Instrument : BNA_F
ClientSampleId : MW-101

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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 : BF079167.D
Acq On : 12 May 2015 19:45
Operator : TP/IZ
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Misc :
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Instrument : BNA_F
ClientSampleId : MW-101

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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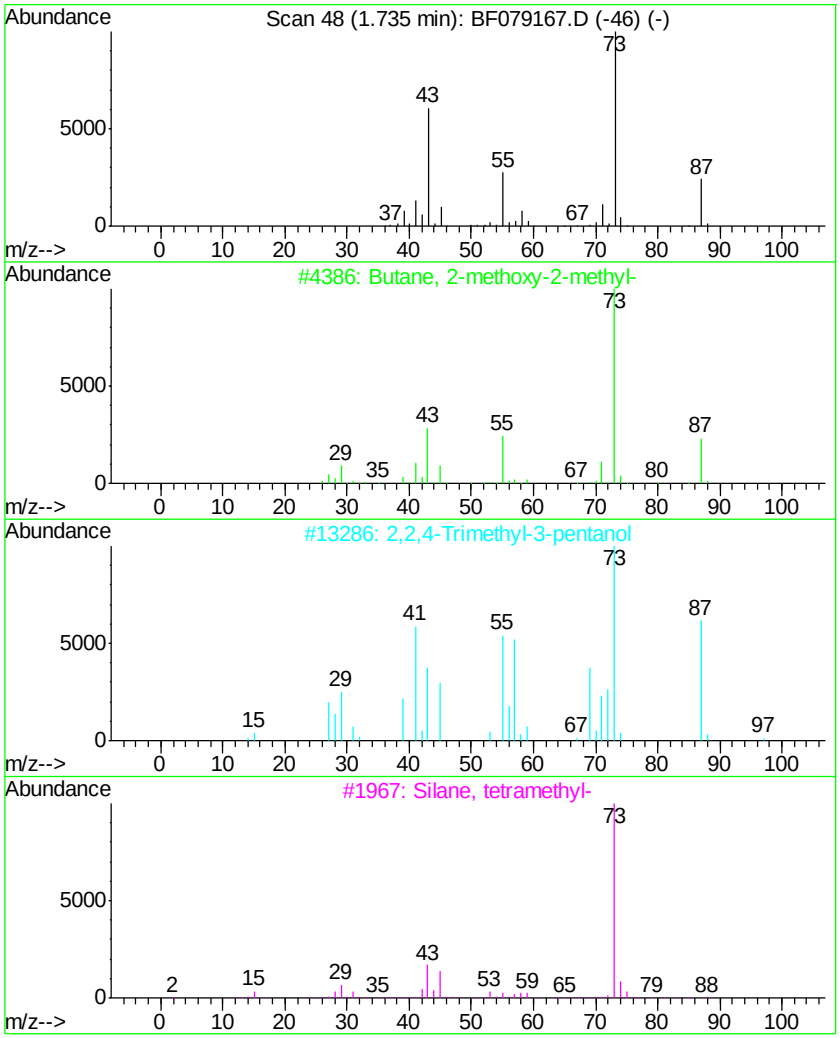
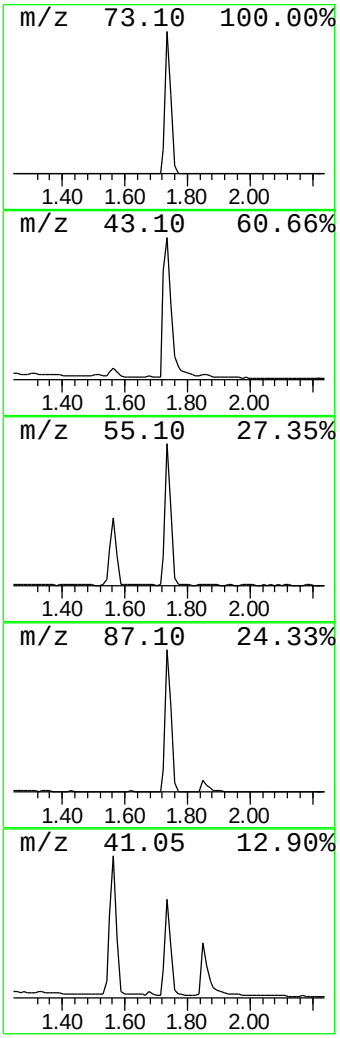
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.74	30.98 ng	952500	1,4-Dichlorobenzene-d4	7.28

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079167.D
Acq On : 12 May 2015 19:45
Operator : TP/IZ
Sample : G2104-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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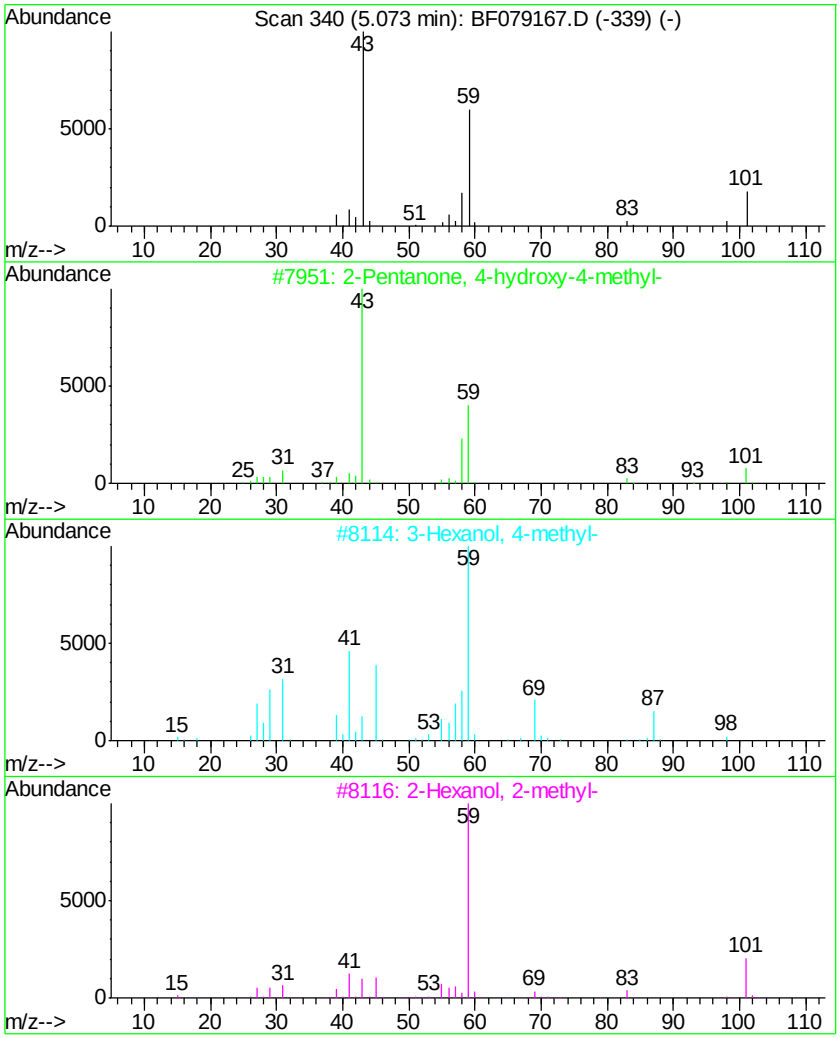
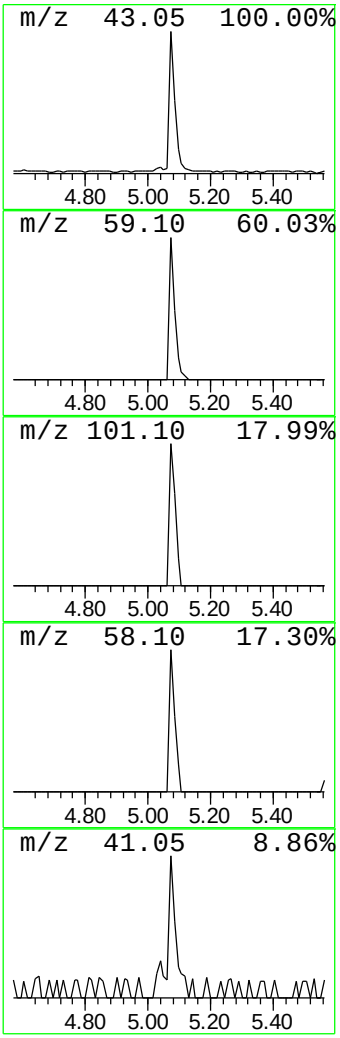
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	2.49 ng	76632	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079167.D
Acq On : 12 May 2015 19:45
Operator : TP/IZ
Sample : G2104-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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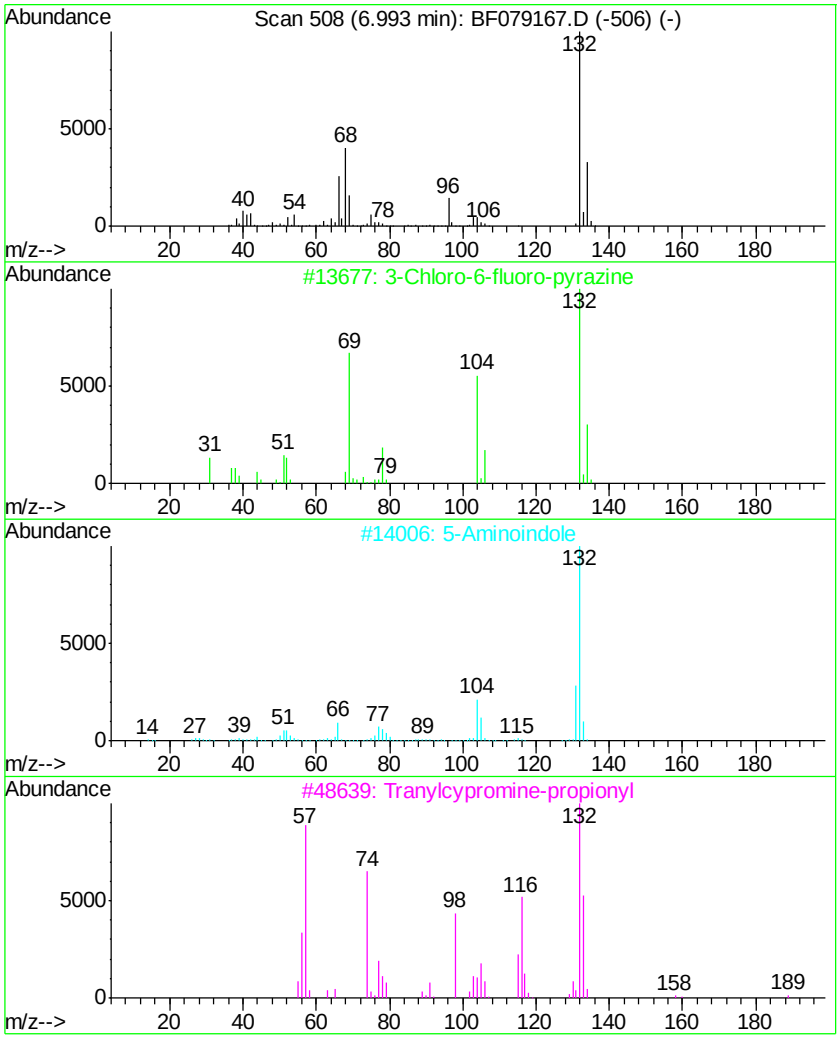
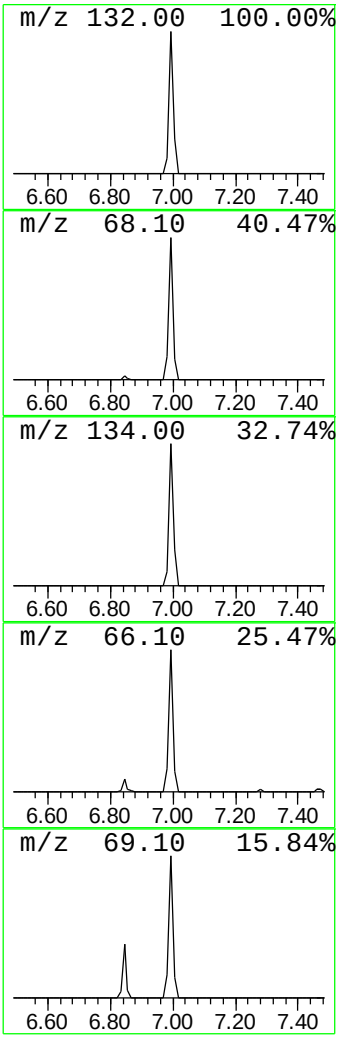
Peak Number 5 unknown6.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	51.71 ng	1590040	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Integration Parameters: LSCINT.P

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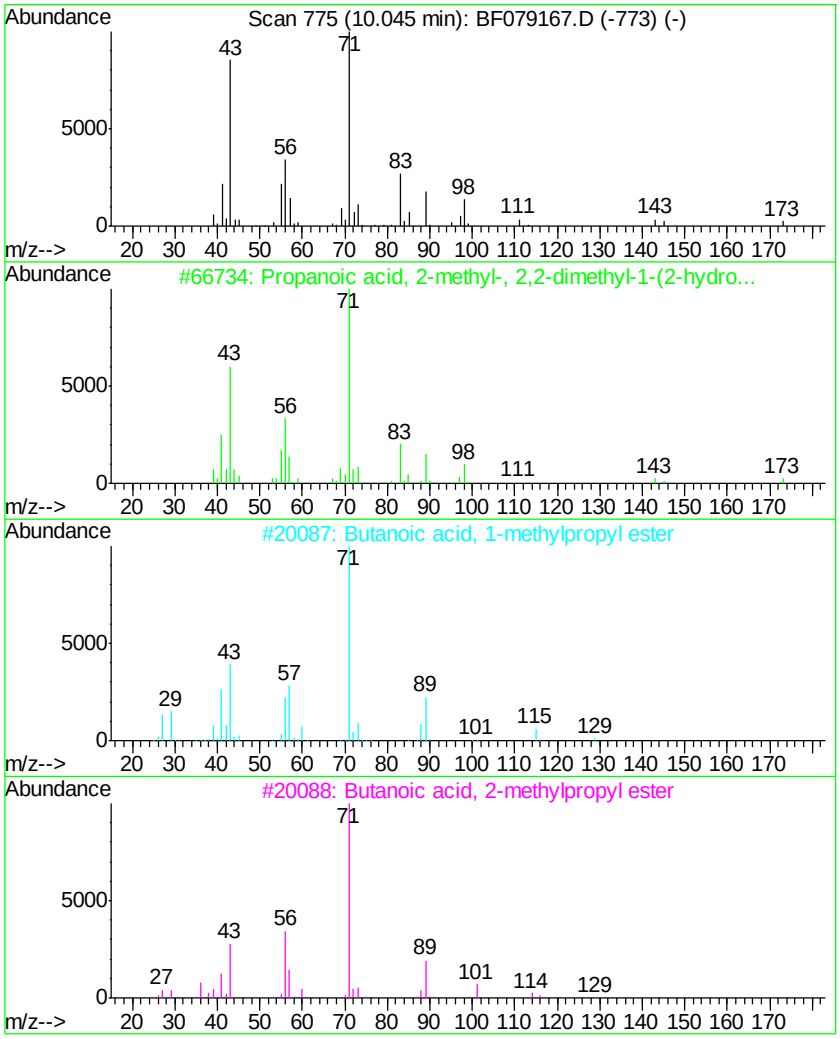
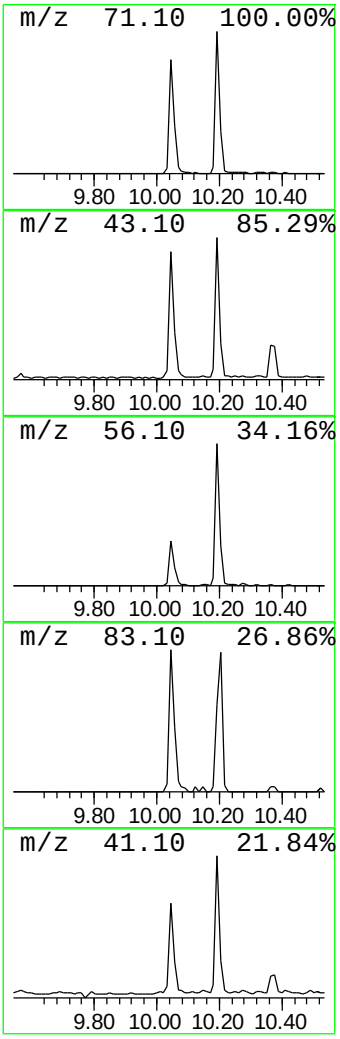
Peak Number 7 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	3.89 ng	195343	Acenaphthene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	91
2	Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	42
3	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	42
4	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	38
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	37





Tentatively Identified Compound (LSC) summary

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Data File : BF079167.D
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Operator : TP/IZ
Sample : G2104-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Butane, 2-methoxy...	1.74	31.0	ng	952500	1	7.28	614977	20.0
2-Pentanone, 4-hy...	5.07	2.5	ng	76632	1	7.28	614977	20.0
unknown6.99	6.99	51.7	ng	1590040	1	7.28	614977	20.0
Propanoic acid, 2...	10.04	3.9	ng	195343	3	11.03	1004910	20.0