LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077868.D
Acq On : 20 Mar 2015 17:33
Operator : TP/IZ
Sample : G1604-02
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-0118

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	1.401	42	45	48	rVB2	242957	472768	28.99%	4.471%
2	1.573	57	60	63	rVB	241968	307247	18.84%	2.906%
3	1.664	66	68	75	rVB3	13042	26027	1.60%	0.246%
4	1.767	75	77	87	rVB	138029	193069	11.84%	1.826%
5	2.475	135	139	147	rVB	26581	51319	3.15%	0.485%
6	4.830	343	345	348	rBV	16422	22533	1.38%	0.213%
7	4.887	348	350	356	rVB	24025	38075	2.33%	0.360%
8	5.413	394	396	399	rBV	289902	317118	19.44%	2.999%
9	5.962	442	444	446	rBB	18608	17096	1.05%	0.162%
10	6.704	507	509	511	rBV	180981	176220	10.80%	1.666%
11	6.842	518	521	523	rBV	671729	723629	44.37%	6.843%
12	7.127	543	546	548	rBV	272747	264586	16.22%	2.502%
13	7.196	548	552	553	rBV	19671	16705	1.02%	0.158%
14	7.310	559	562	565	rBV	1033148	926437	56.80%	8.761%
15	7.390	565	569	574	rVB	12611	22061	1.35%	0.209%
16	7.825	604	607	609	rBV	639234	727136	44.58%	6.876%
17	7.882	609	612	614	rVB	14199	16992	1.04%	0.161%
18	8.190	635	639	641	rBB2	57541	66265	4.06%	0.627%
19	8.705	681	684	685	rBV	343641	357781	21.94%	3.383%
20	10.053	799	802	804	rBV	1376475	1499537	91.94%	14.181%
21	10.876	872	874	876	rVB	318556	412957	25.32%	3.905%
22	11.848	957	959	962	rBV	749765	705848	43.28%	6.675%
23	12.705	1032	1034	1037	rBV	465598	442774	27.15%	4.187%
24	14.705	1206	1209	1211	rBV	1501951	1630998	100.00%	15.424%
25	15.883	1309	1312	1317	rBV3	13522	22801	1.40%	0.216%
26	15.985	1319	1321	1324	rBV	475671	481004	29.49%	4.549%
27	17.163	1421	1424	1427	rBV	25667	28939	1.77%	0.274%
28	17.723	1470	1473	1476	rBV	414640	478287	29.32%	4.523%
29	20.134	1680	1684	1689	rBV	51455	128212	7.86%	1.212%

Sum of corrected areas: 10574421

LSC Report - Integrated Chromatogram

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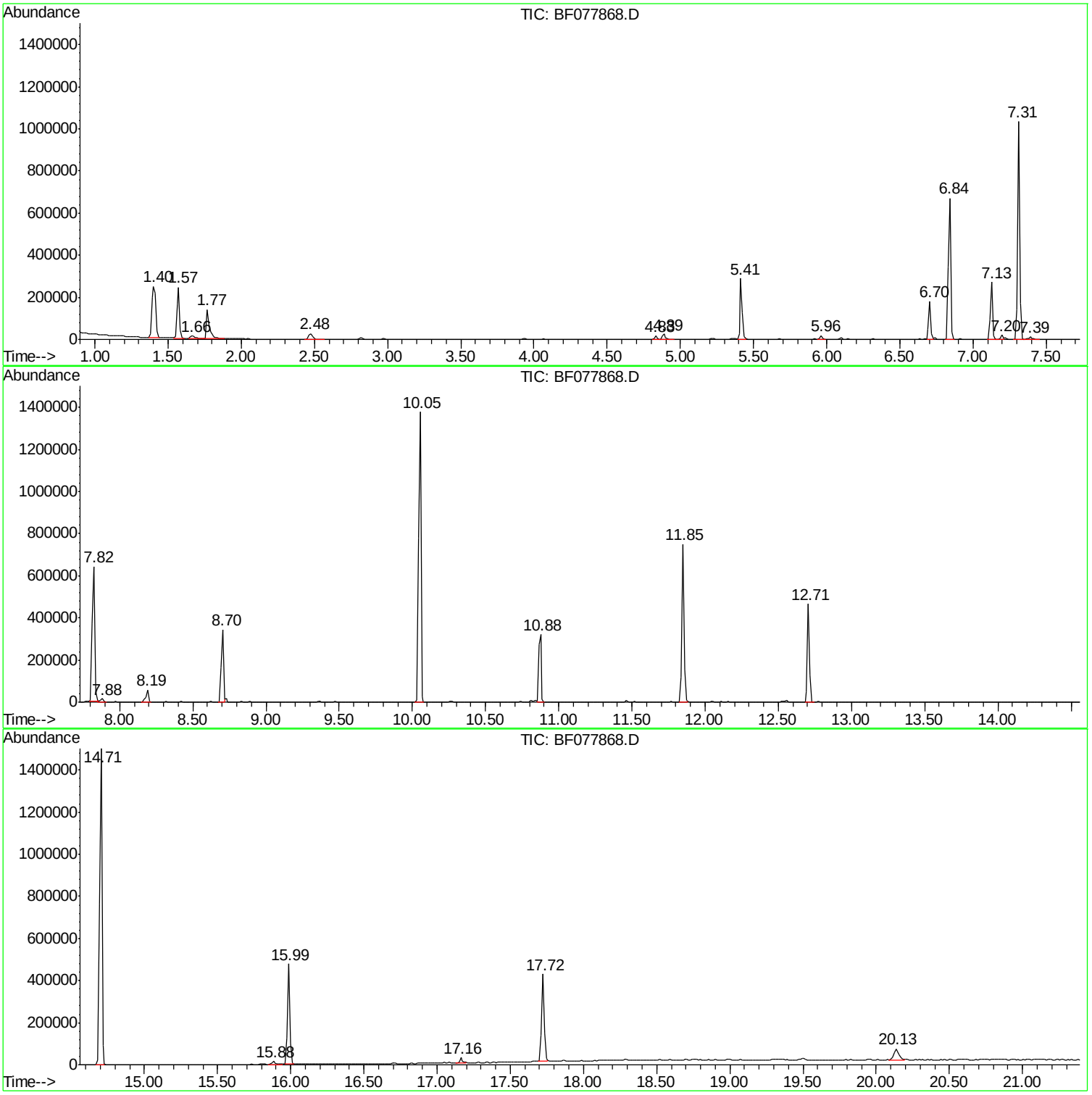
Operator : TP/IZ
Sample : G1604-02
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-0118

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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Misc : W/DOD
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ClientSampleId : Z2-0118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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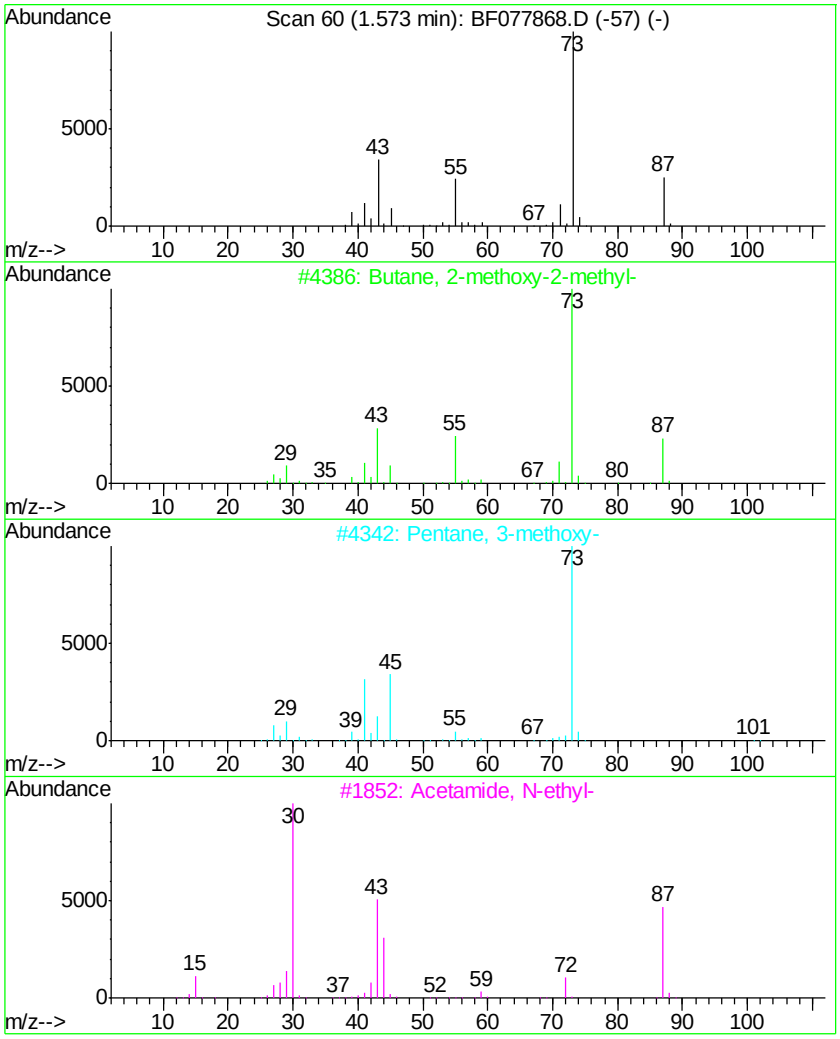
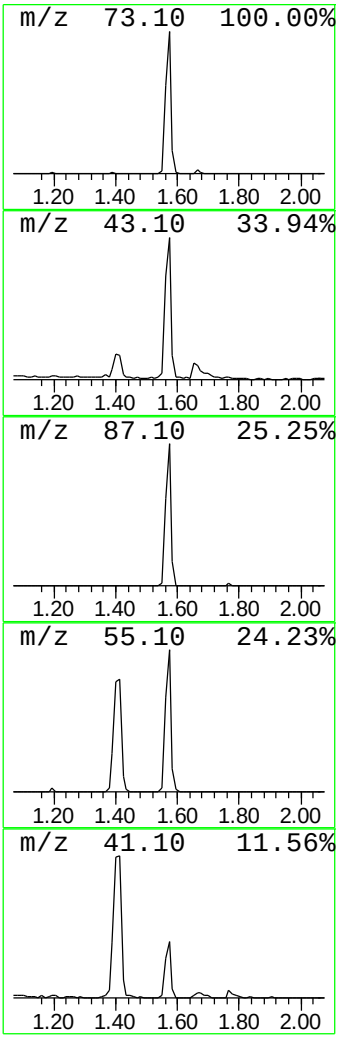
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.57	23.22 ng	307247	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
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 : BF077868.D
Acq On : 20 Mar 2015 17:33
Operator : TP/IZ
Sample : G1604-02
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-0118

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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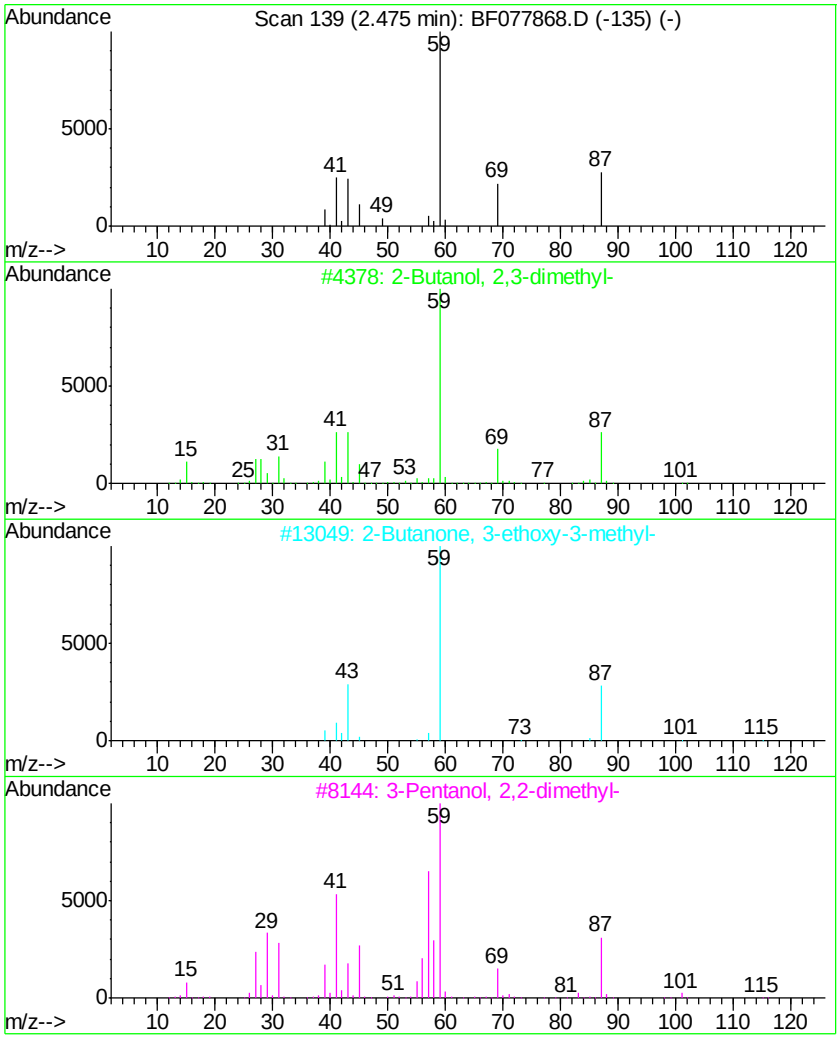
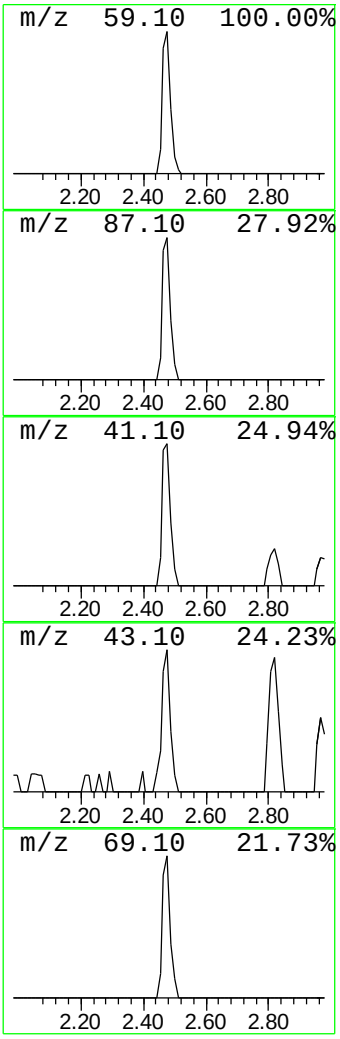
Peak Number 4 2-Butanol, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	3.88 ng	51319	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	39
3	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	9
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9
5	1,2-Butanediol	90	C4H10O2	000584-03-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077868.D
Acq On : 20 Mar 2015 17:33
Operator : TP/IZ
Sample : G1604-02
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-0118

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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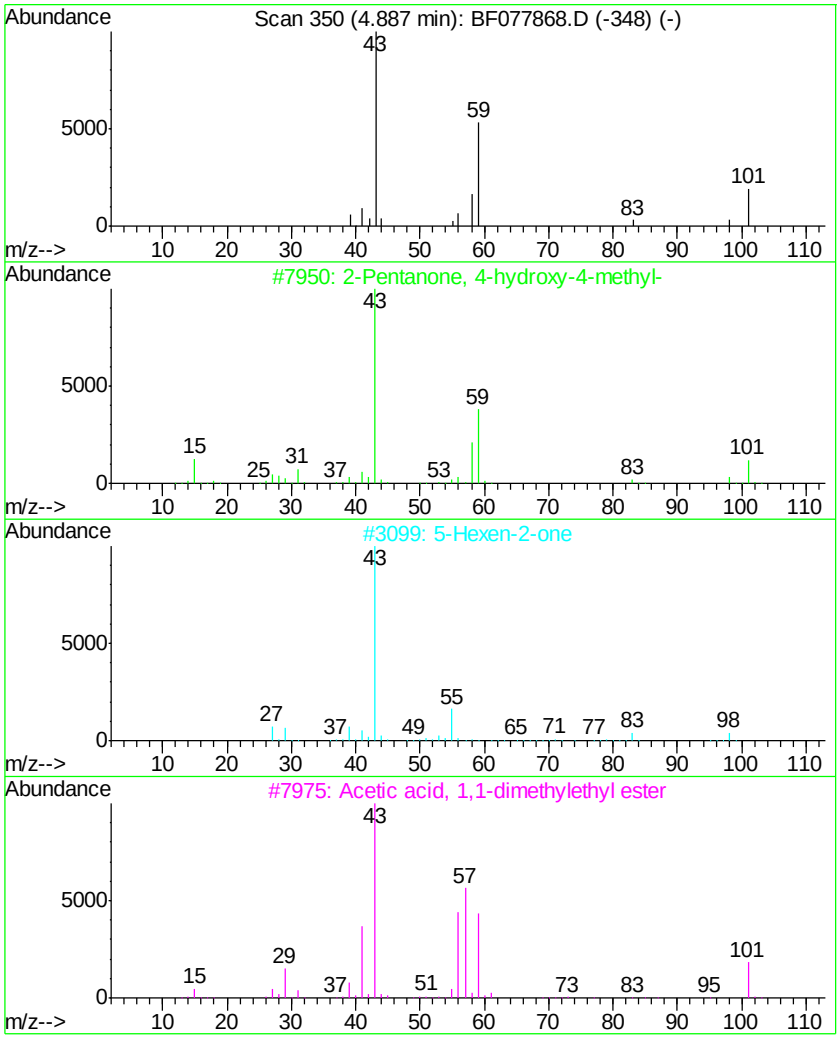
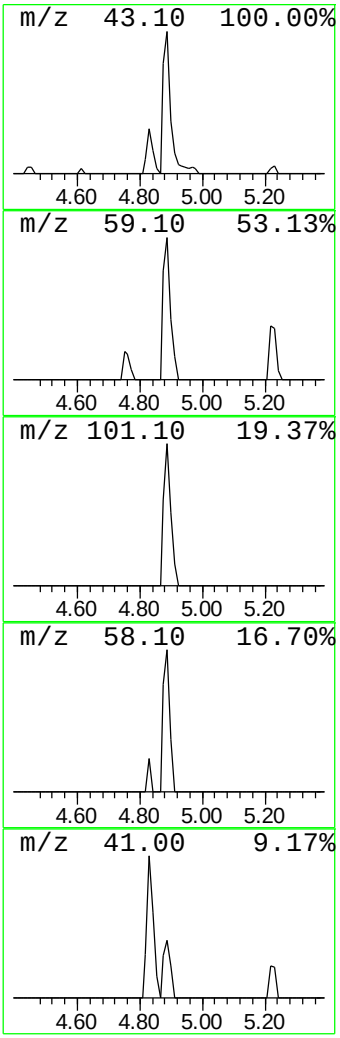
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	2.88 ng	38075	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7





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Acq On : 20 Mar 2015 17:33
Operator : TP/IZ
Sample : G1604-02
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-0118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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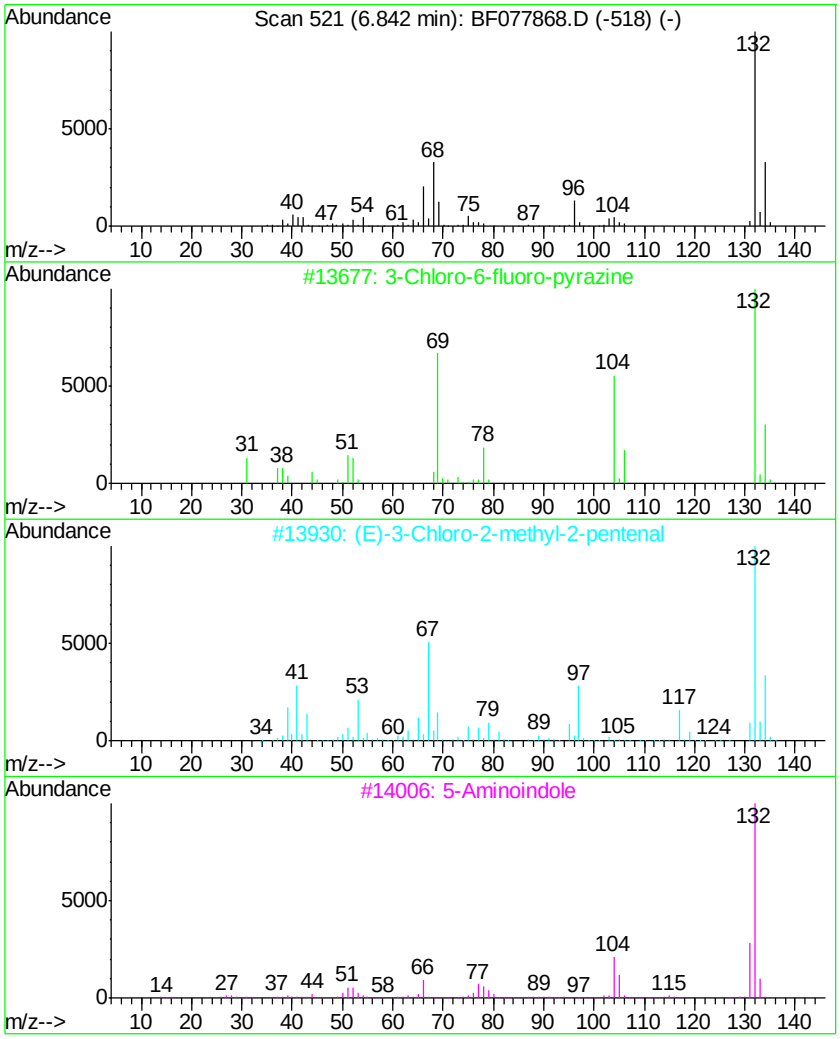
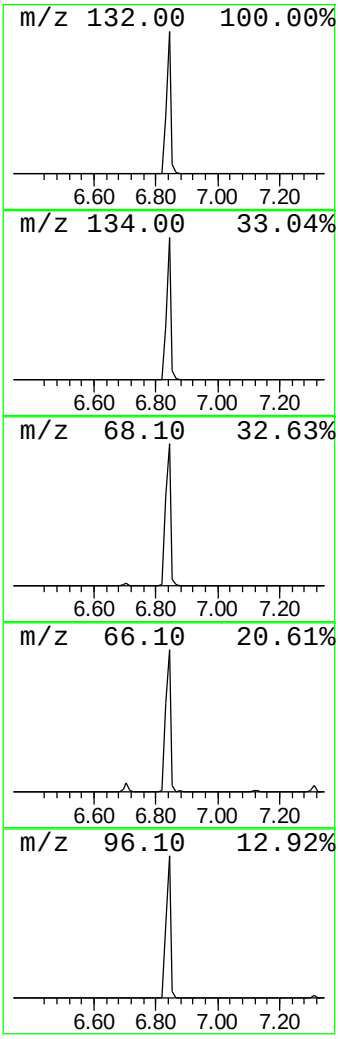
Peak Number 6 unknown6.84 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	54.70 ng	723629	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : G1604-02
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-0118

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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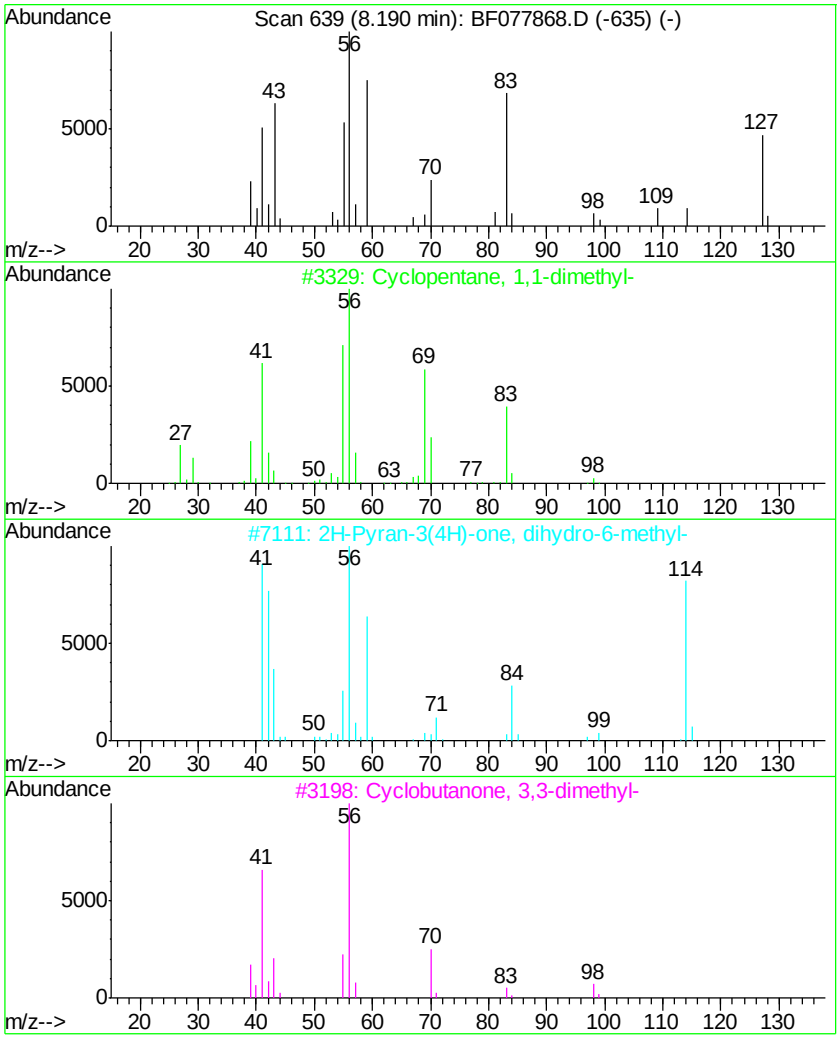
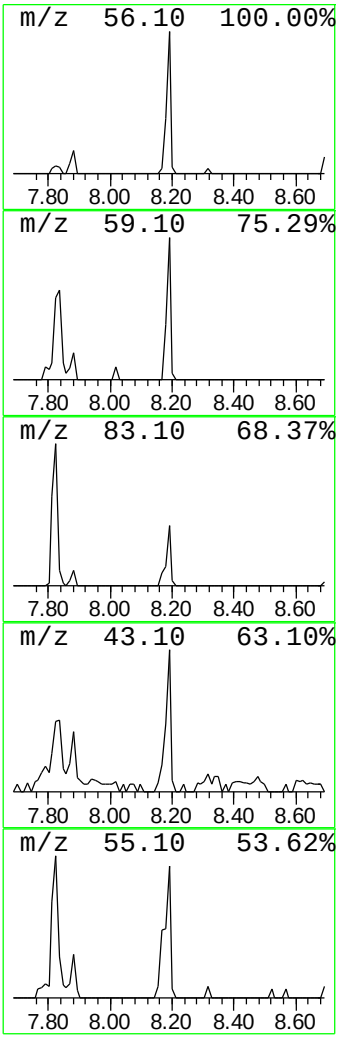
Peak Number 8 Cyclopentane, 1,1-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	3.70 ng	66265	Naphthalene-d8	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	50
2	2H-Pyran-3(4H)-one, dihydro-6-me...	114	C6H10O2	043152-89-2	43
3	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	30
4	2(3H)-Furanone, dihydro-4,4,5,5-...	142	C8H14O2	016466-24-3	25
5	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	22





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Sample : G1604-02
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId : Z2-0118

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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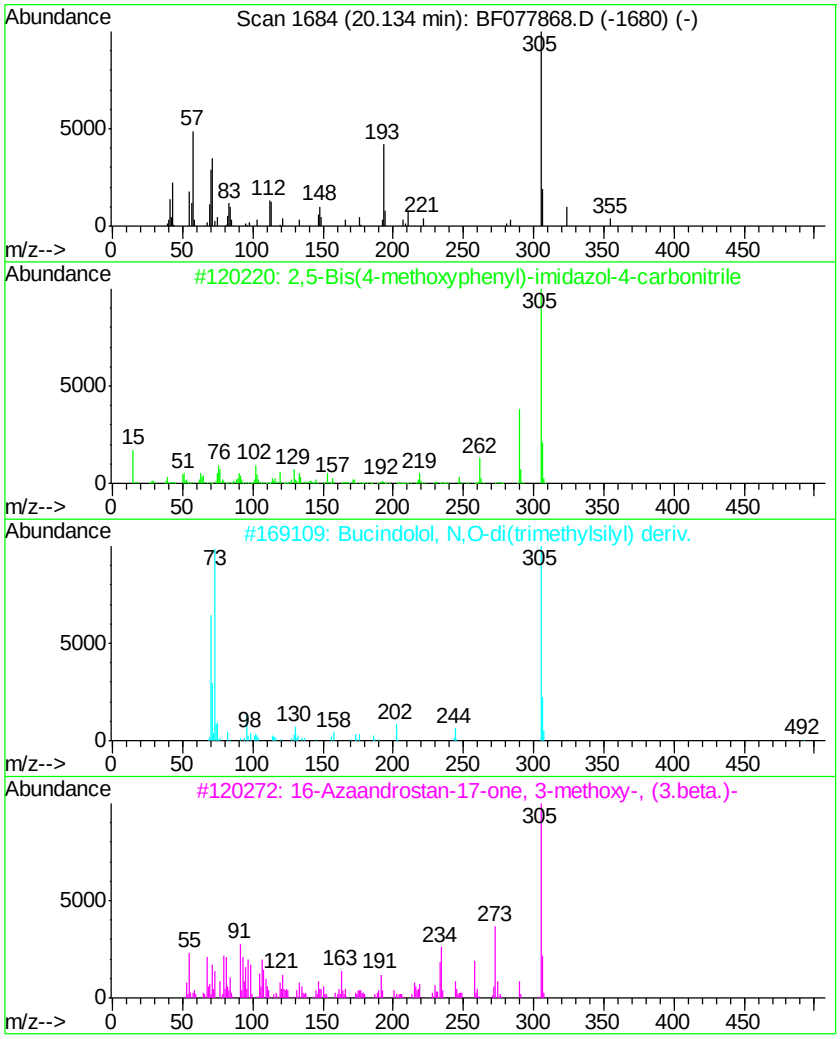
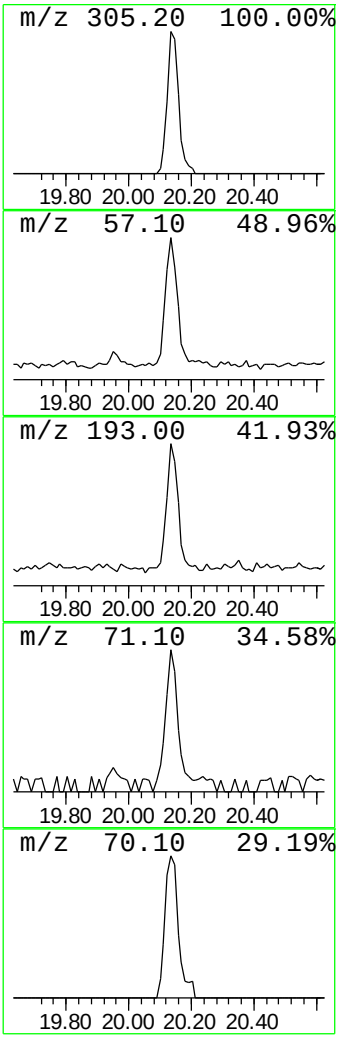
Peak Number 9 unknown20.13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	5.36 ng	128212	Perylene-d12	17.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Bis(4-methoxyphenyl)-imidazo...	305	C18H15N3O2	189453-70-1	23
2	Bucindolol, N,O-di(trimethylsily...	507	C28H41N3O2Si2	1000292-78-4	23
3	16-Azaandrostan-17-one, 3-methox...	305	C19H31NO2	055399-19-4	9
4	6-[2-Naphthoyl]-2,4-diamino-6,7-...	305	C17H15N5O	1000251-30-4	9
5	Cobalt,.eta.-5-[1-t-butyl-2-meth...	305	C16H29BCoN	1000161-32-8	9





Tentatively Identified Compound (LSC) summary

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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...	1.57	23.2	ng	307247	1	7.13	264586	20.0
2-Butanol, 2,3-di...	2.48	3.9	ng	51319	1	7.13	264586	20.0
2-Pentanone, 4-hy...	4.89	2.9	ng	38075	1	7.13	264586	20.0
unknown6.84	6.84	54.7	ng	723629	1	7.13	264586	20.0
Cyclopentane, 1,1...	8.19	3.7	ng	66265	2	8.70	357781	20.0
unknown20.13	20.13	5.4	ng	128212	6	17.72	478287	20.0