LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078825.D
Acq On : 29 Apr 2015 20:52
Operator : TP/IZ
Sample : G2003-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-118(48-50)

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-BF042815.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	1.541	28	31	34	rVB	7539741	8970893	100.00%	24.973%
2	1.678	40	43	51	rVB	238789	546043	6.09%	1.520%
3	1.781	51	52	58	rVV	900871	1390127	15.50%	3.870%
4	1.861	58	59	62	rVV	207027	322262	3.59%	0.897%
5	1.918	62	64	104	rVB	3842086	7499253	83.60%	20.877%
6	5.187	348	350	359	rVB	280295	320949	3.58%	0.893%
7	5.679	390	393	395	rBV	1623770	1698046	18.93%	4.727%
8	6.925	499	502	504	rBV	2049536	1821843	20.31%	5.072%
9	7.085	514	516	519	rBV	1405840	1753792	19.55%	4.882%
10	7.382	540	542	544	rVB	489478	427209	4.76%	1.189%
11	7.565	556	558	561	rVB	1144559	1317898	14.69%	3.669%
12	8.068	600	602	605	rBV	1069886	990421	11.04%	2.757%
13	8.959	678	680	682	rBV	659233	571129	6.37%	1.590%
14	10.308	795	798	800	rBV	2279898	2072988	23.11%	5.771%
15	11.142	868	871	873	rBV	523366	608646	6.78%	1.694%
16	12.034	947	949	952	rVB	82267	108891	1.21%	0.303%
17	12.114	954	956	959	rBV	1175623	1195870	13.33%	3.329%
18	12.982	1030	1032	1035	rBV	658195	653136	7.28%	1.818%
19	14.983	1204	1207	1210	rBV	2347923	2278435	25.40%	6.343%
20	16.286	1318	1321	1324	rBV	692140	707410	7.89%	1.969%
21	18.046	1473	1475	1478	rBV	464548	666679	7.43%	1.856%

Sum of corrected areas: 35921920

LSC Report - Integrated Chromatogram

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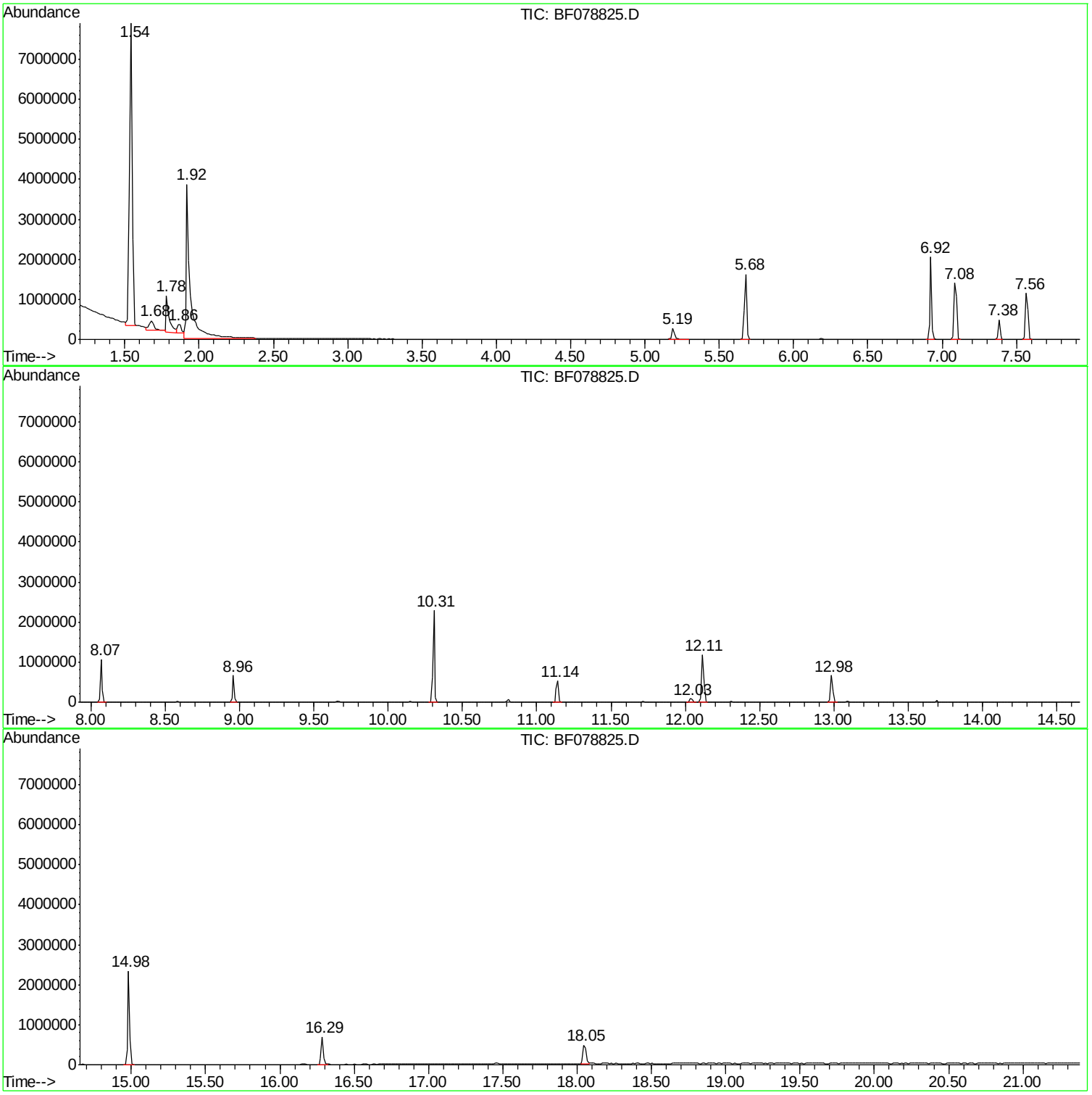
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-118(48-50)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.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 :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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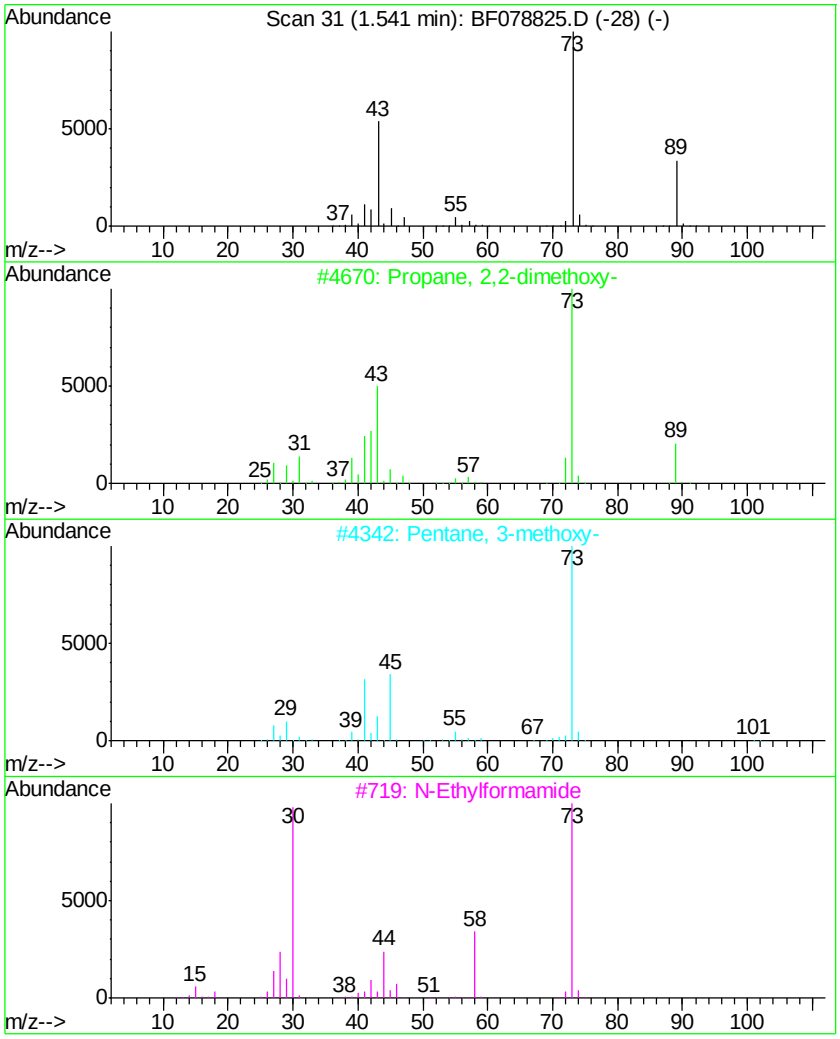
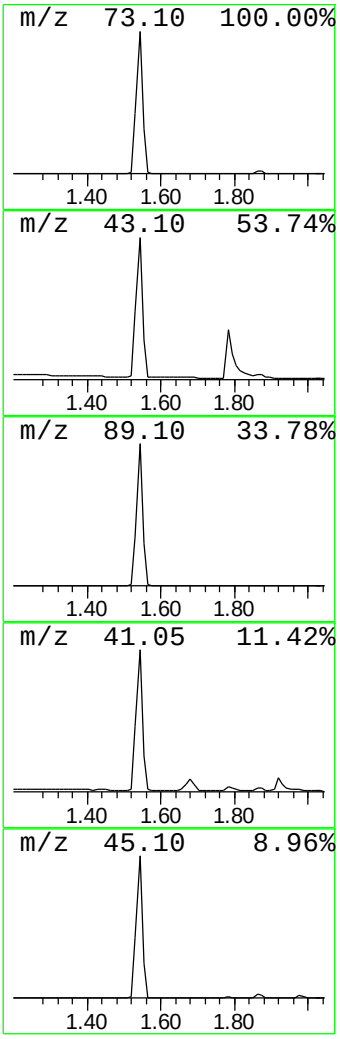
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	419.98 ng	8970890	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





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Data File : BF078825.D
Acq On : 29 Apr 2015 20:52
Operator : TP/IZ
Sample : G2003-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-118(48-50)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.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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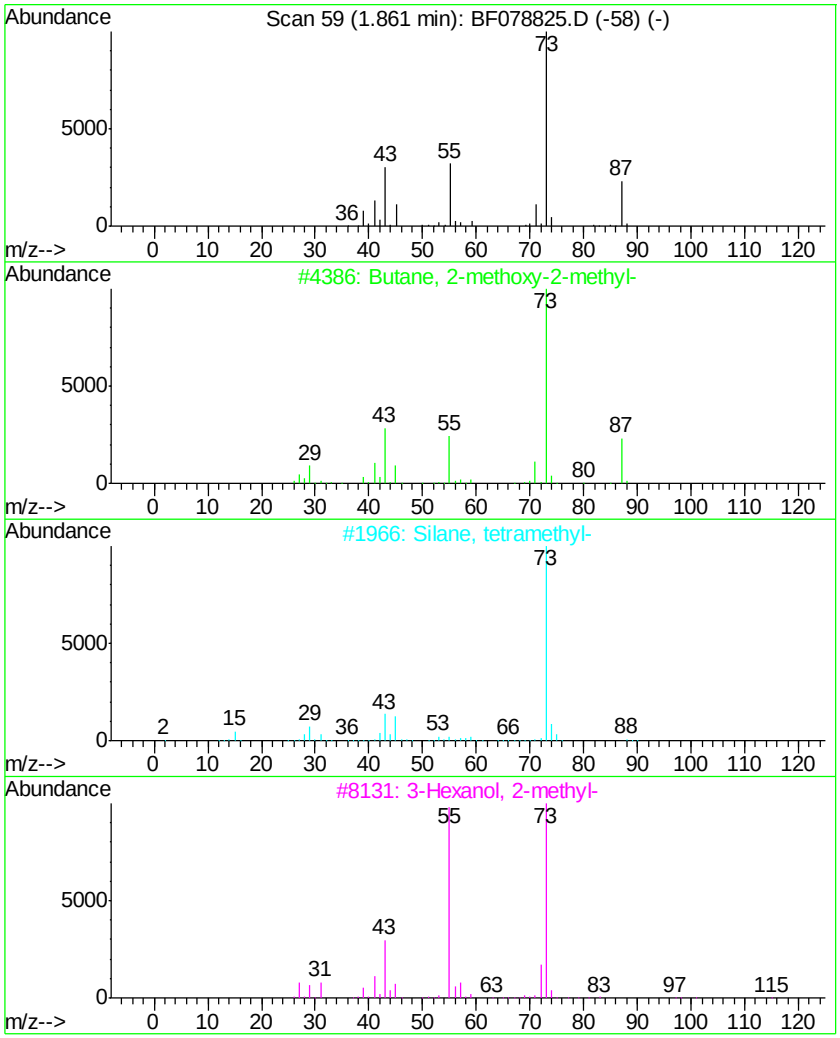
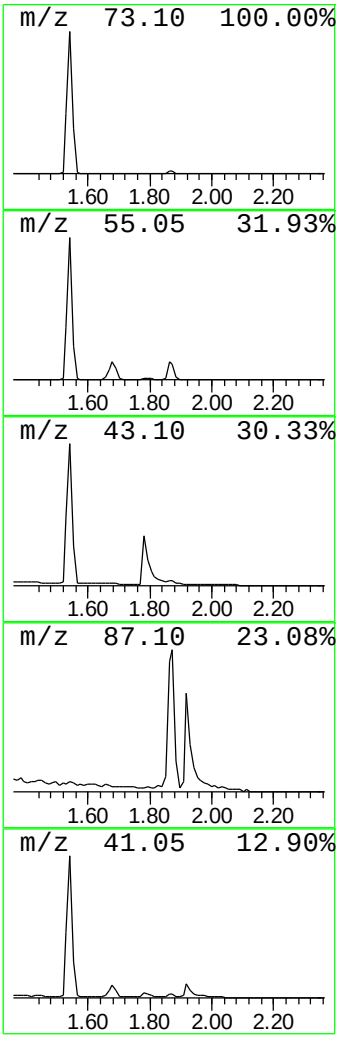
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.86	15.09 ng	322262	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BF078825.D
Acq On : 29 Apr 2015 20:52
Operator : TP/IZ
Sample : G2003-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-118(48-50)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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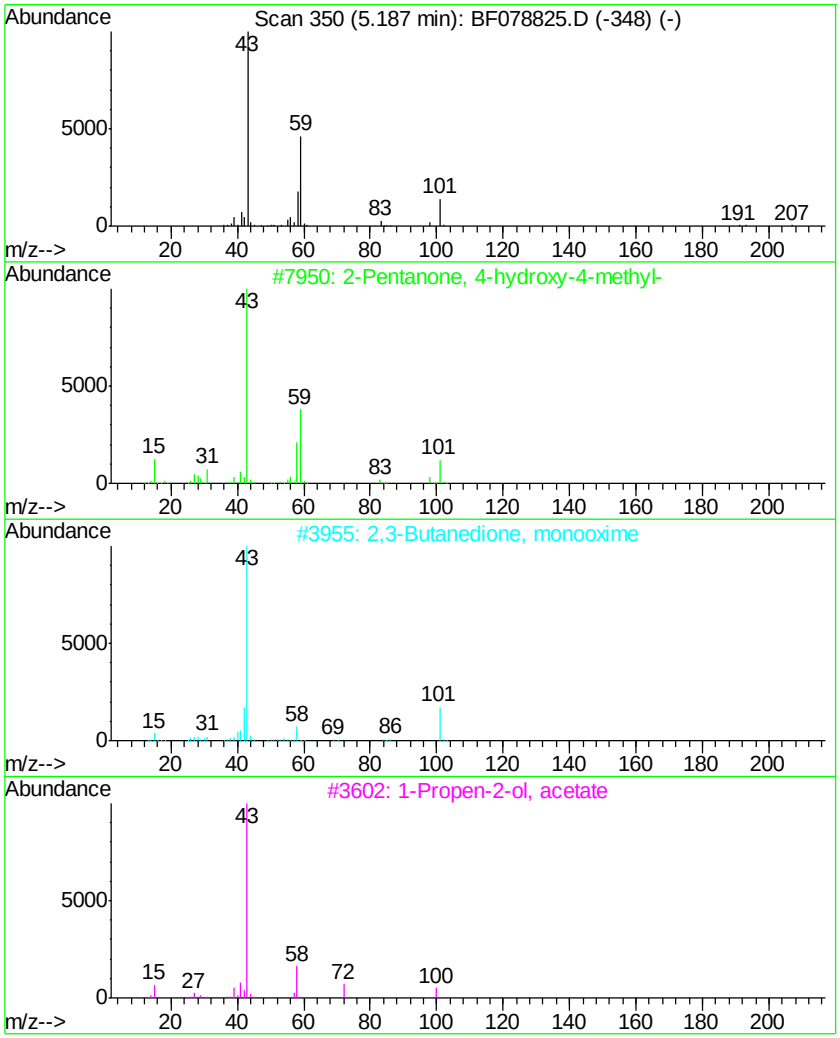
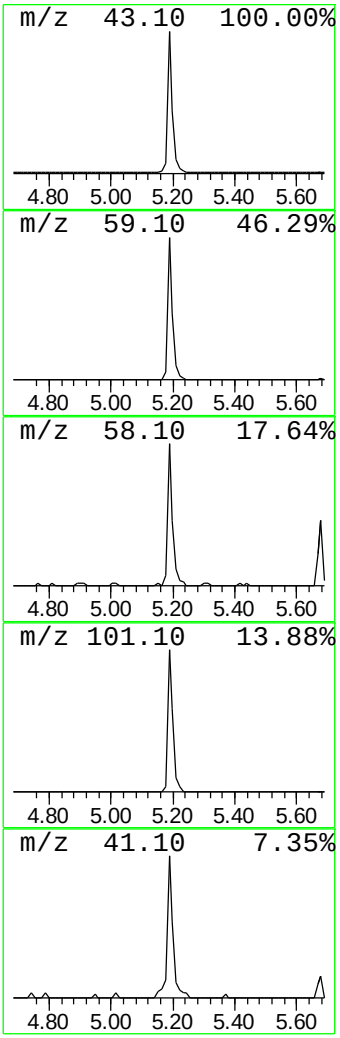
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	15.03 ng	320949	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	1-Ethylpentyl acetate	158	C9H18O2	005921-83-5	9





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-118(48-50)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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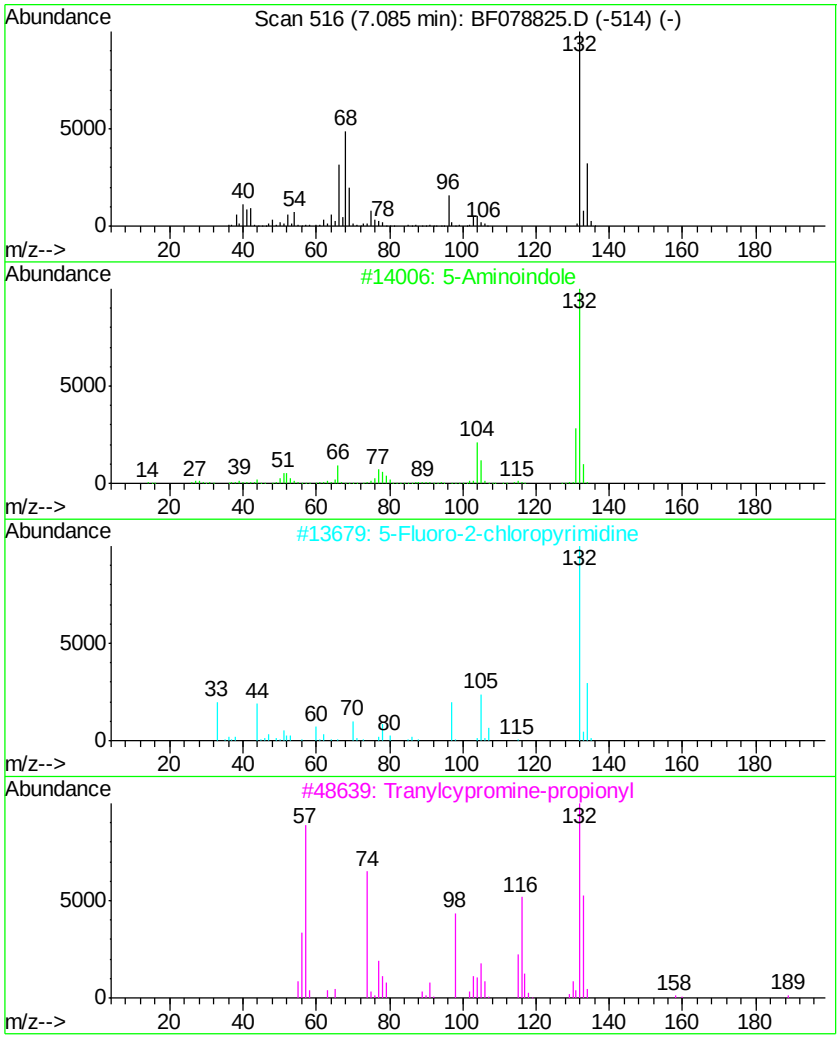
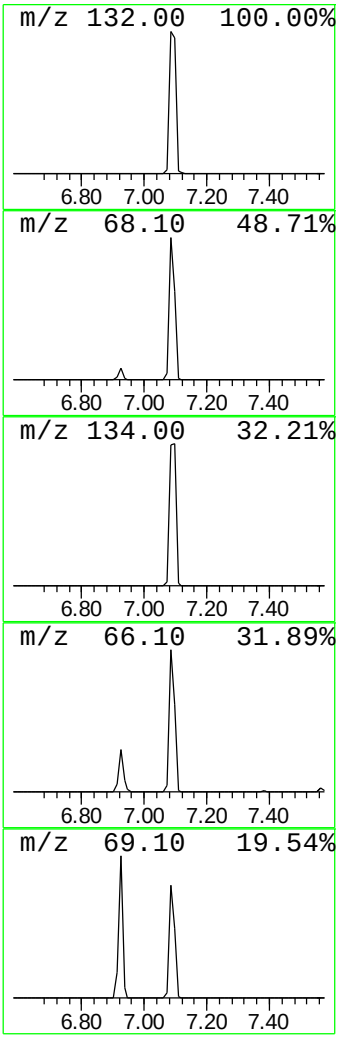
Peak Number 7 unknown7.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	82.10 ng	1753790	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Sample : G2003-05
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-118(48-50)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
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TIC Integration Parameters: LSCINT.P

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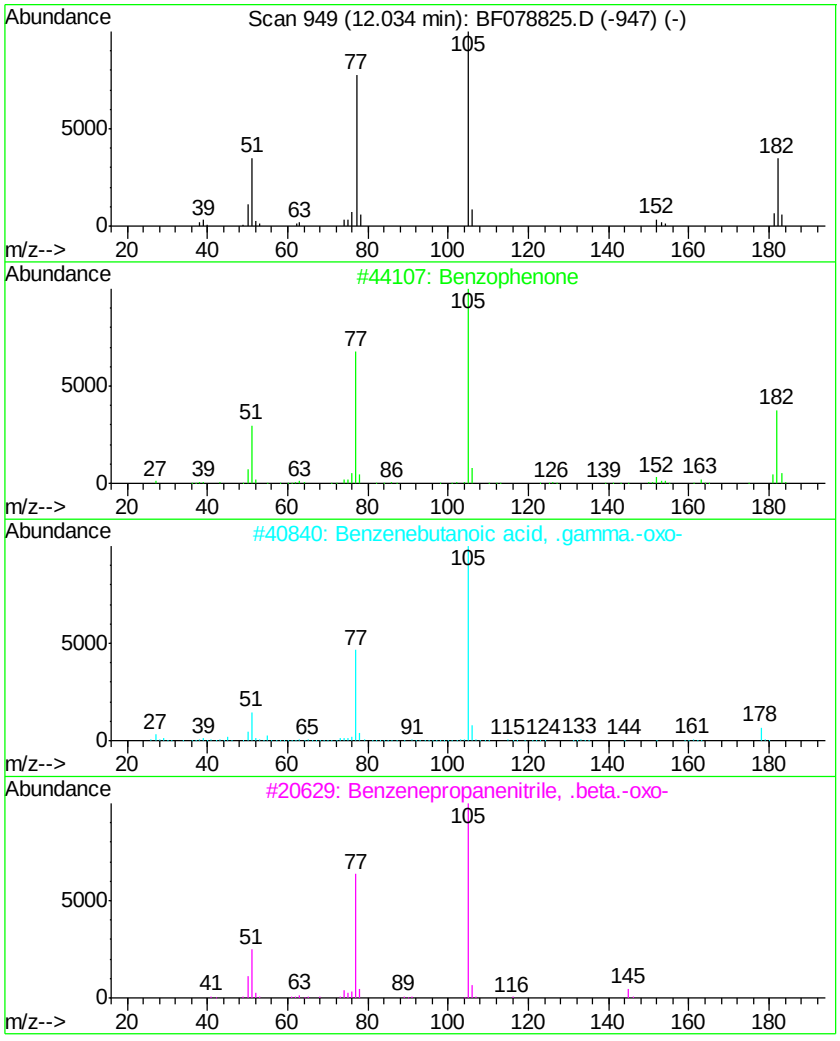
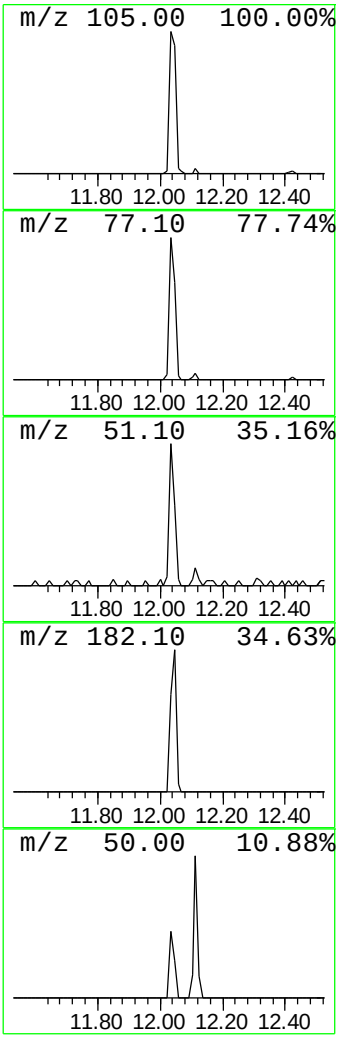
Peak Number 9 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.58 ng	108891	Acenaphthene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	64
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	64
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	64
5	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	64





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
Propane, 2,2-dime...	1.54	420.0	ng	8970890	1	7.38	427209	20.0
Butane, 2-methoxy...	1.86	15.1	ng	322262	1	7.38	427209	20.0
2-Pentanone, 4-hy...	5.19	15.0	ng	320949	1	7.38	427209	20.0
unknown7.08	7.08	82.1	ng	1753790	1	7.38	427209	20.0
Benzophenone	12.03	3.6	ng	108891	3	11.14	608646	20.0