LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078822.D
Acq On : 29 Apr 2015 19:26
Operator : TP/IZ
Sample : G2003-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(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	7249694	8449943	100.00%	26.082%
2	1.678	40	43	51	rVB	210381	460678	5.45%	1.422%
3	1.781	51	52	57	rVV	599650	909607	10.76%	2.808%
4	1.861	57	59	62	rVV	178344	297603	3.52%	0.919%
5	1.918	62	64	102	rVB	3116973	5854897	69.29%	18.072%
6	5.187	348	350	357	rVB	255325	298609	3.53%	0.922%
7	5.679	390	393	395	rBV	1592242	1636904	19.37%	5.052%
8	6.924	499	502	504	rBV	2007997	1776184	21.02%	5.482%
9	7.084	514	516	519	rBV	1356979	1725779	20.42%	5.327%
10	7.382	540	542	544	rVB	474667	419807	4.97%	1.296%
11	7.565	556	558	561	rVB	1067593	1260654	14.92%	3.891%
12	8.067	600	602	605	rBV	989543	935808	11.07%	2.888%
13	8.959	678	680	682	rBV	662508	566719	6.71%	1.749%
14	10.308	795	798	800	rBV	2165388	1902450	22.51%	5.872%
15	11.142	868	871	873	rBV	508890	595759	7.05%	1.839%
16	12.034	947	949	952	rBV	101478	129111	1.53%	0.399%
17	12.114	954	956	959	rBV	1131565	1151662	13.63%	3.555%
18	12.982	1030	1032	1035	rBV	634633	636930	7.54%	1.966%
19	14.982	1204	1207	1210	rBV	2081925	1956147	23.15%	6.038%
20	16.148	1307	1309	1317	rBV	56506	90620	1.07%	0.280%
21	16.285	1319	1321	1324	rBV	660650	680928	8.06%	2.102%
22	18.057	1474	1476	1483	rBV	411434	661180	7.82%	2.041%

Sum of corrected areas: 32397979

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078822.D
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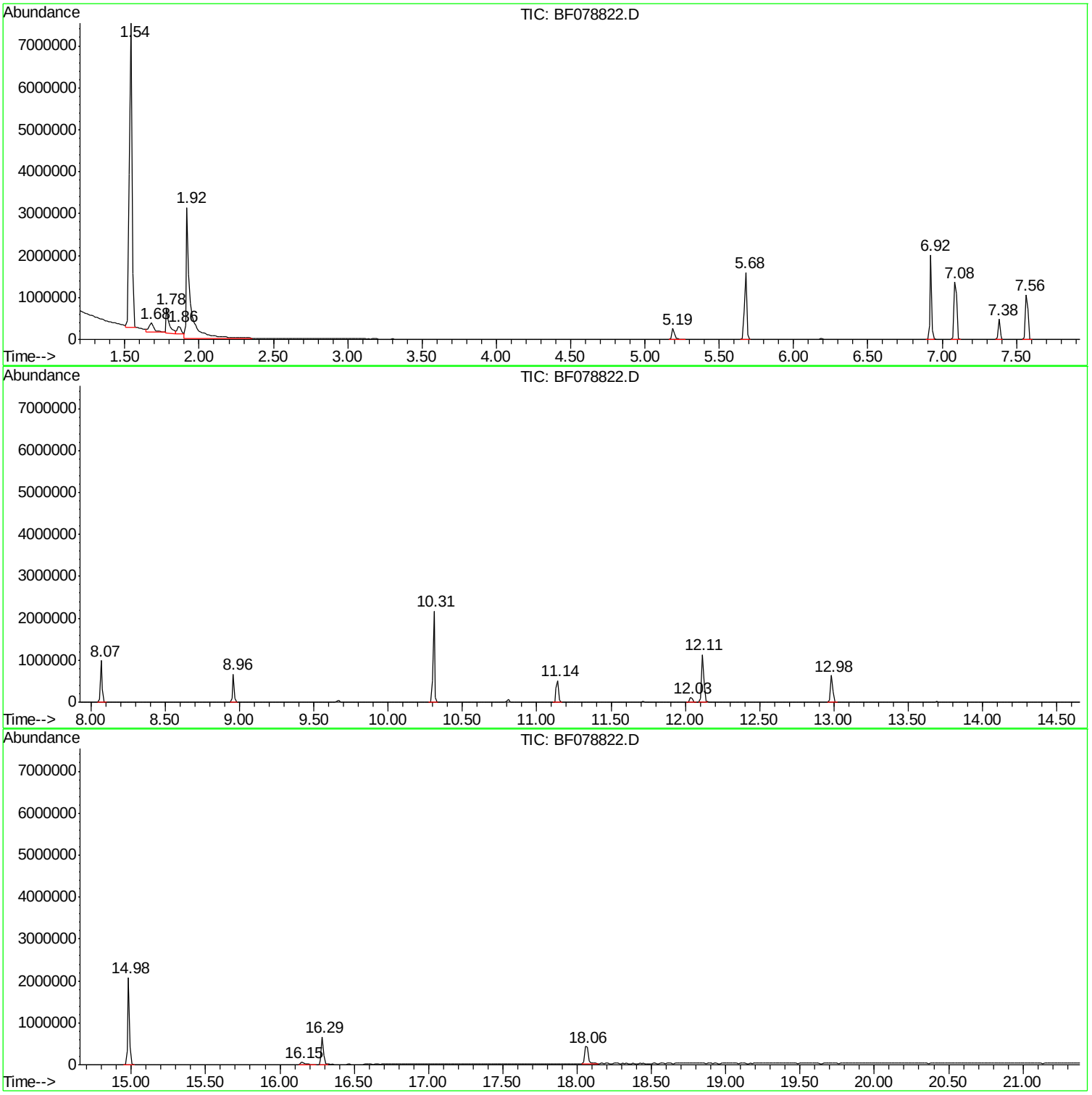
Operator : TP/IZ
Sample : G2003-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078822.D
Acq On : 29 Apr 2015 19:26
Operator : TP/IZ
Sample : G2003-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(48-50)

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

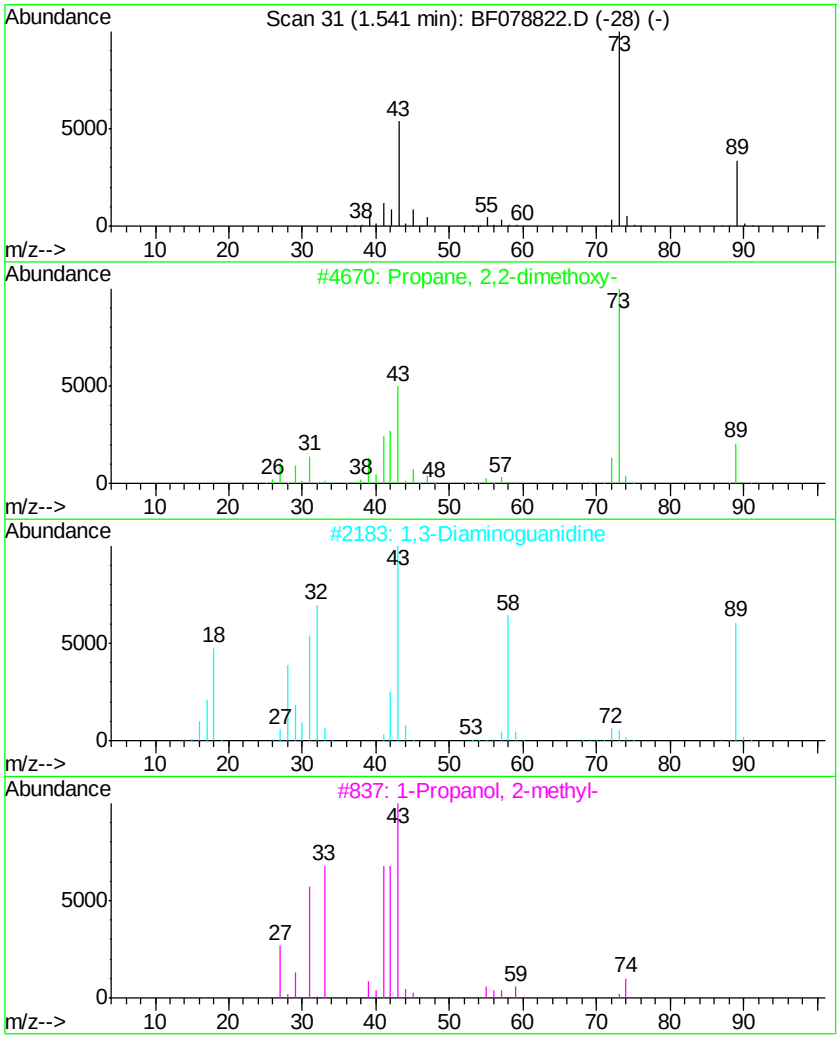
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

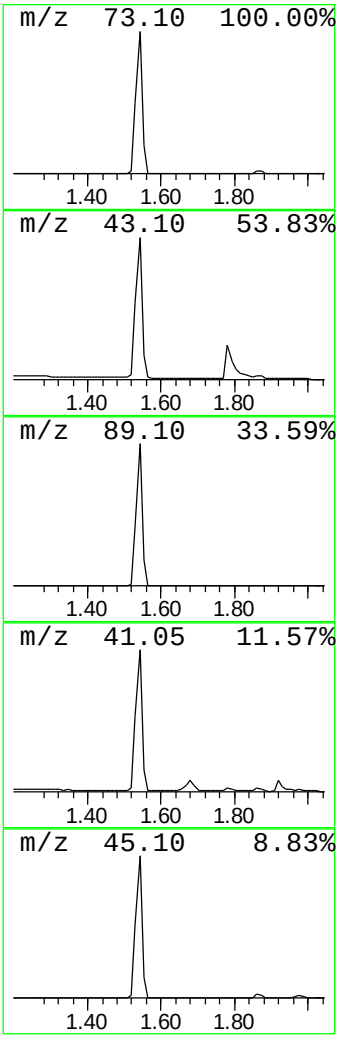
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	402.56 ng	8449940	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	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078822.D
Acq On : 29 Apr 2015 19:26
Operator : TP/IZ
Sample : G2003-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(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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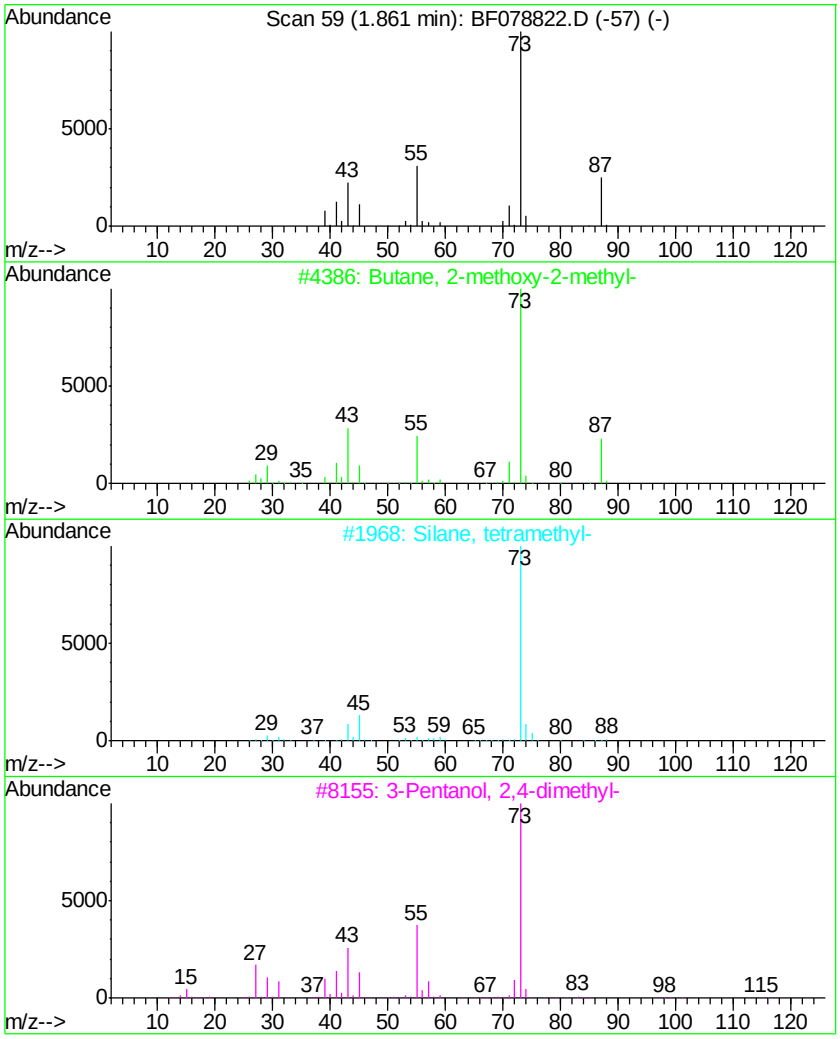
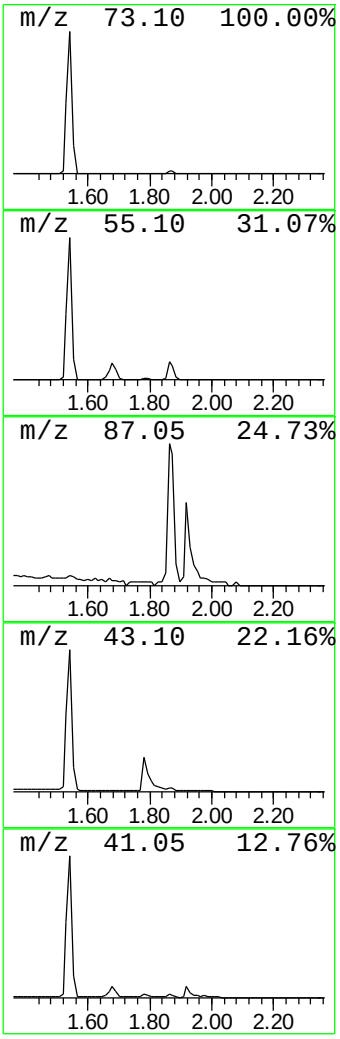
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.86	14.18 ng	297603	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	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078822.D
Acq On : 29 Apr 2015 19:26
Operator : TP/IZ
Sample : G2003-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(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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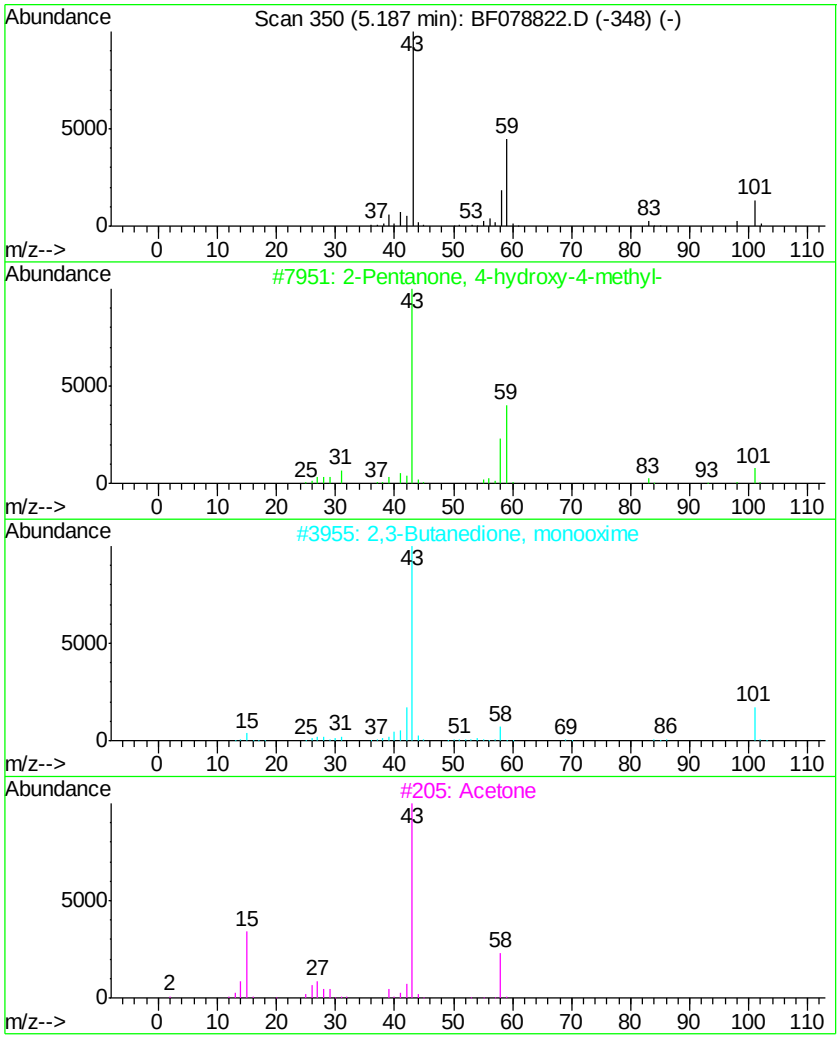
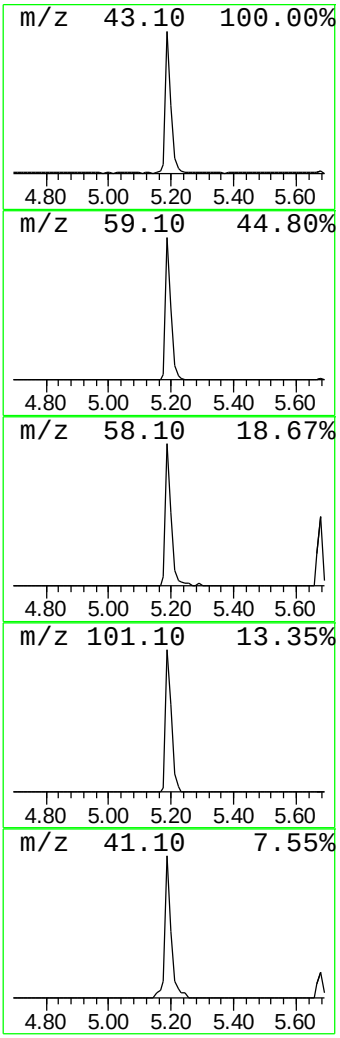
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	14.23 ng	298609	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	78
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	Acetone	58	C3H6O	000067-64-1	12
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078822.D
Acq On : 29 Apr 2015 19:26
Operator : TP/IZ
Sample : G2003-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(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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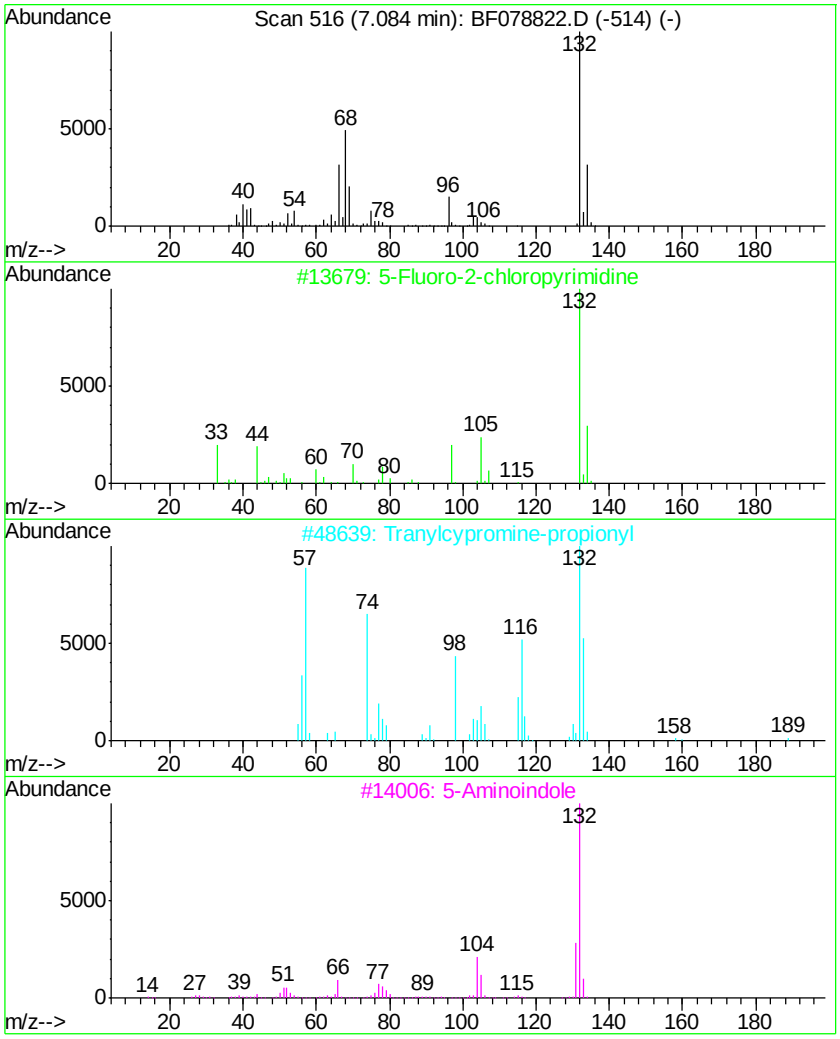
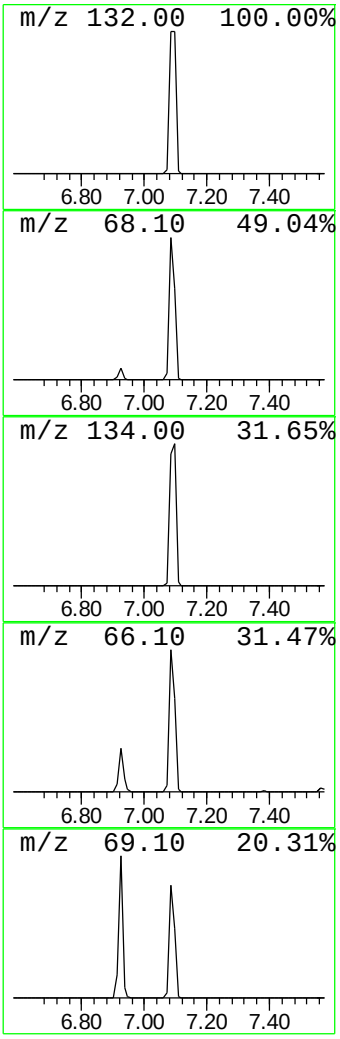
Peak Number 7 unknown7.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	82.22 ng	1725780	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	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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Acq On : 29 Apr 2015 19:26
Operator : TP/IZ
Sample : G2003-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(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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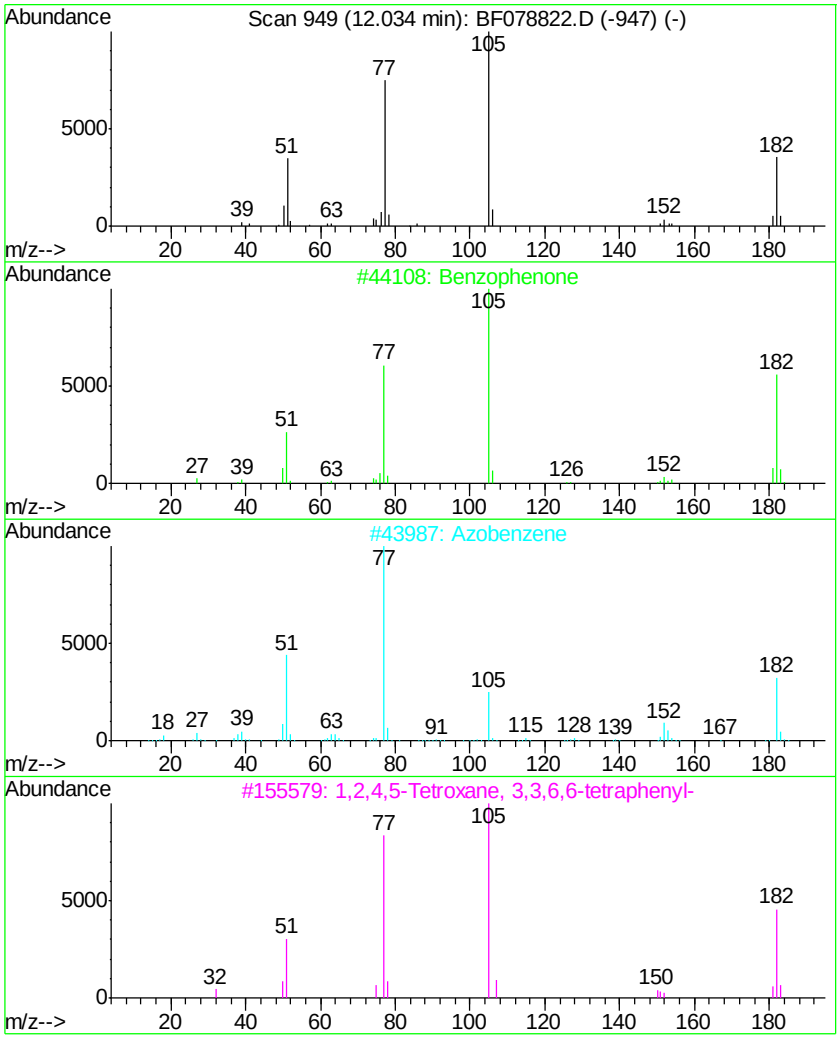
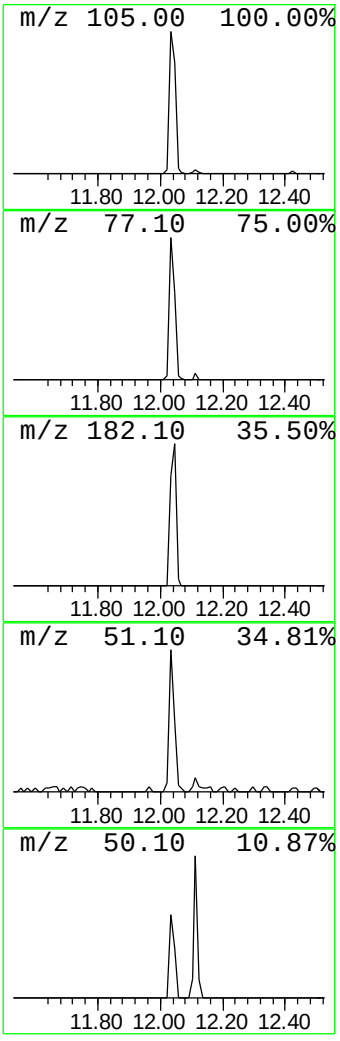
Peak Number 9 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.33 ng	129111	Acenaphthene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene	182	C12H10N2	000103-33-3	80
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
4	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	64
5	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	64





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Operator : TP/IZ
Sample : G2003-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(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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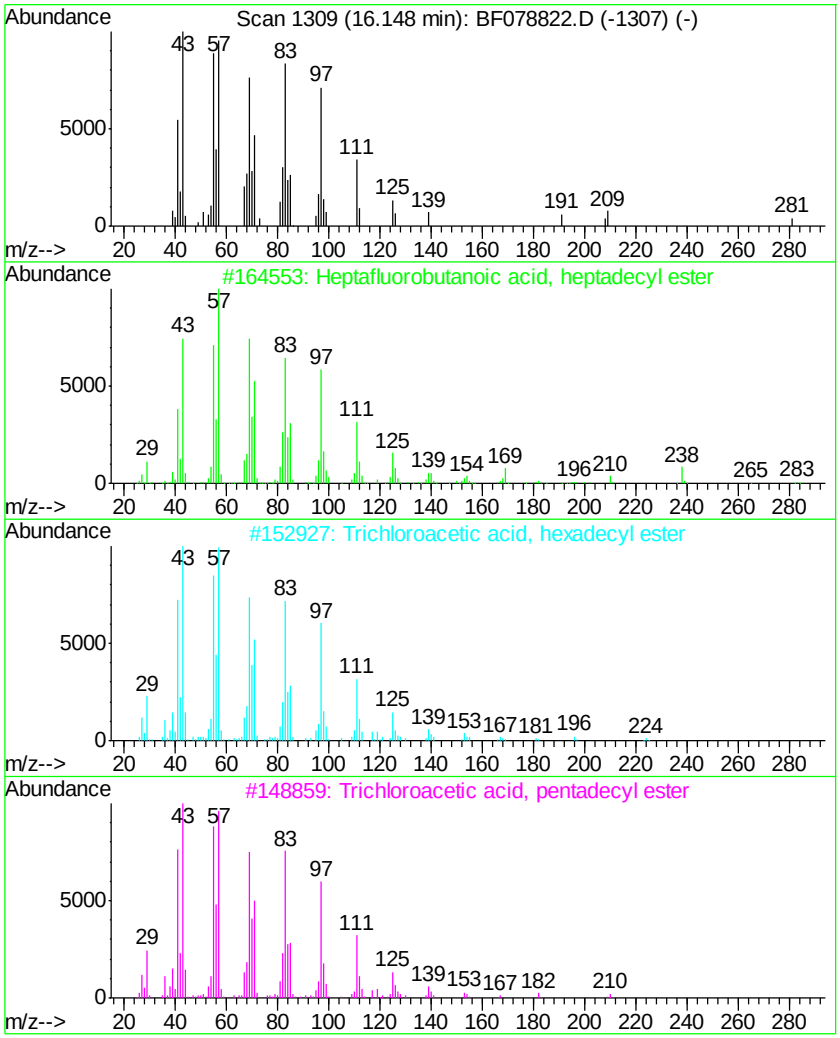
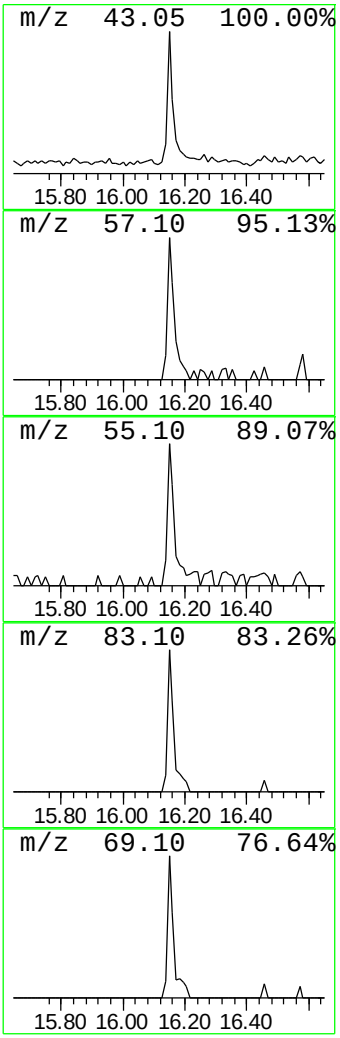
Peak Number 10 Heptafluorobutanoic acid, h... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.66 ng	90620	Chrysene-d12	16.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	83
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
Data File : BF078822.D
Acq On : 29 Apr 2015 19:26
Operator : TP/IZ
Sample : G2003-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.54	402.6	ng	8449940	1	7.38	419807	20.0
Butane, 2-methoxy...	1.86	14.2	ng	297603	1	7.38	419807	20.0
2-Pentanone, 4-hy...	5.19	14.2	ng	298609	1	7.38	419807	20.0
unknown7.08	7.08	82.2	ng	1725780	1	7.38	419807	20.0
Benzophenone	12.03	4.3	ng	129111	3	11.14	595759	20.0
Heptafluorobutano...	16.15	2.7	ng	90620	5	16.29	680928	20.0