LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082226.D
Acq On : 12 Oct 2015 18:11
Operator : UM/IZ
Sample : G3990-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-005

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF101015.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	4.994	248	250	263	rBV	325402	373015	15.06%	2.355%
2	5.417	285	287	290	rBV	705948	733028	29.59%	4.628%
3	6.457	376	378	381	rBV	414956	454231	18.34%	2.868%
4	6.594	388	390	393	rBV	1488669	1436003	57.96%	9.066%
5	6.834	409	411	413	rBV	304186	351497	14.19%	2.219%
6	6.983	422	424	427	rBV	1383412	1431408	57.78%	9.037%
7	7.406	458	461	463	rBV	867825	1159277	46.79%	7.319%
8	8.114	521	523	526	rBV	496520	485876	19.61%	3.068%
9	9.200	615	618	620	rBV	2544692	2477369	100.00%	15.641%
10	9.589	650	652	654	rBV	89717	86833	3.51%	0.548%
11	9.875	674	677	679	rBV	687537	609242	24.59%	3.846%
12	10.298	711	714	716	rBV	99226	98949	3.99%	0.625%
13	10.663	743	746	749	rBV	1409770	1484783	59.93%	9.374%
14	10.823	758	760	762	rVB	67775	63266	2.55%	0.399%
15	11.360	805	807	809	rBV	698647	624778	25.22%	3.945%
16	11.886	851	853	855	rBV	46061	57121	2.31%	0.361%
17	11.955	855	859	861	rVB	132003	184111	7.43%	1.162%
18	12.675	919	922	929	rBV3	27852	50082	2.02%	0.316%
19	12.949	943	946	949	rBV	2359851	2431129	98.13%	15.349%
20	13.841	1022	1024	1030	rBV2	29891	42995	1.74%	0.271%
21	14.001	1035	1038	1044	rBV	678514	683778	27.60%	4.317%
22	15.429	1160	1163	1169	rBV	314880	520343	21.00%	3.285%

Sum of corrected areas: 15839114

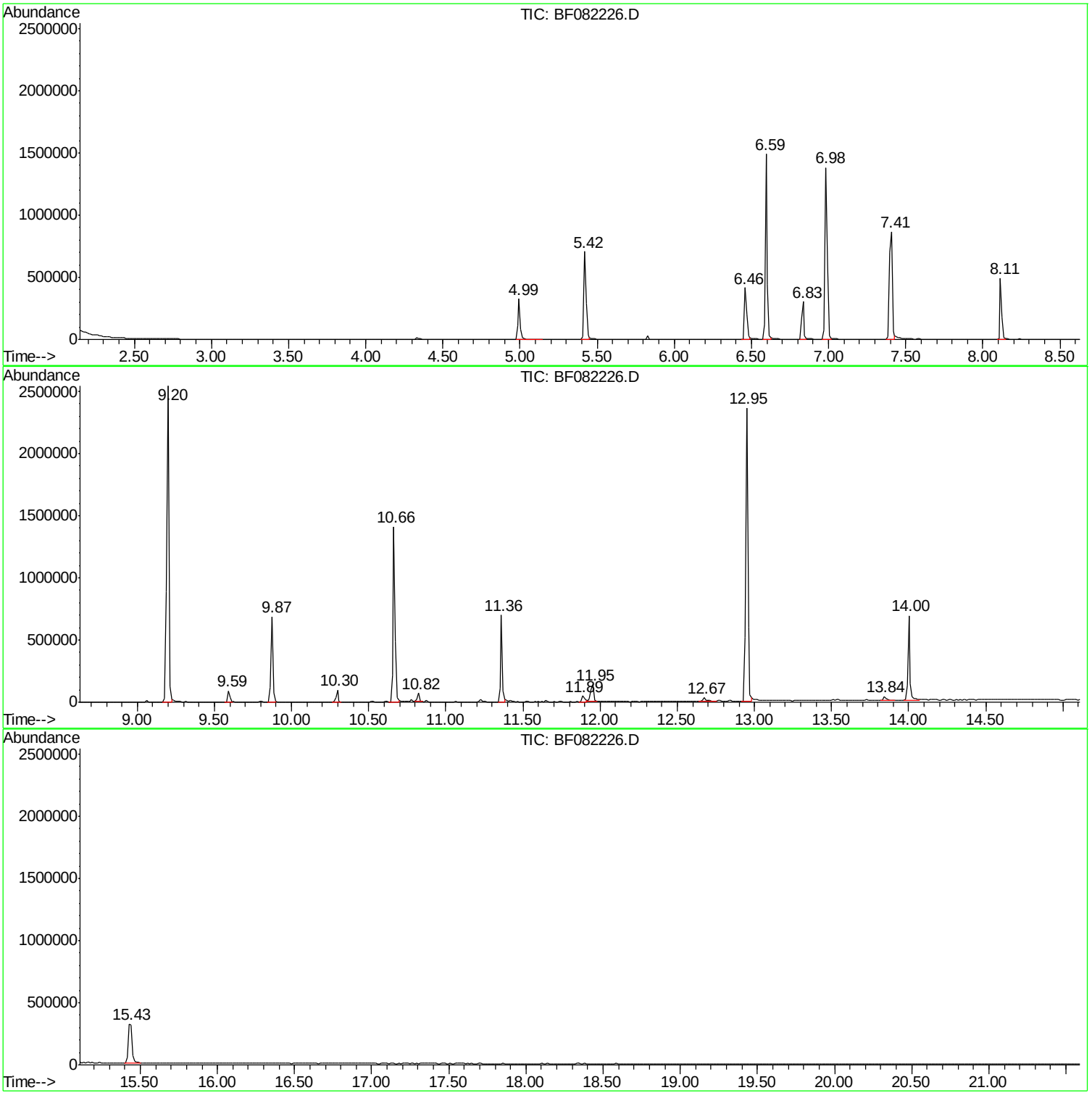
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082226.D
Acq On : 12 Oct 2015 18:11
Operator : UM/IZ
Sample : G3990-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101215\
Data File : BF082226.D
Acq On : 12 Oct 2015 18:11
Operator : UM/IZ
Sample : G3990-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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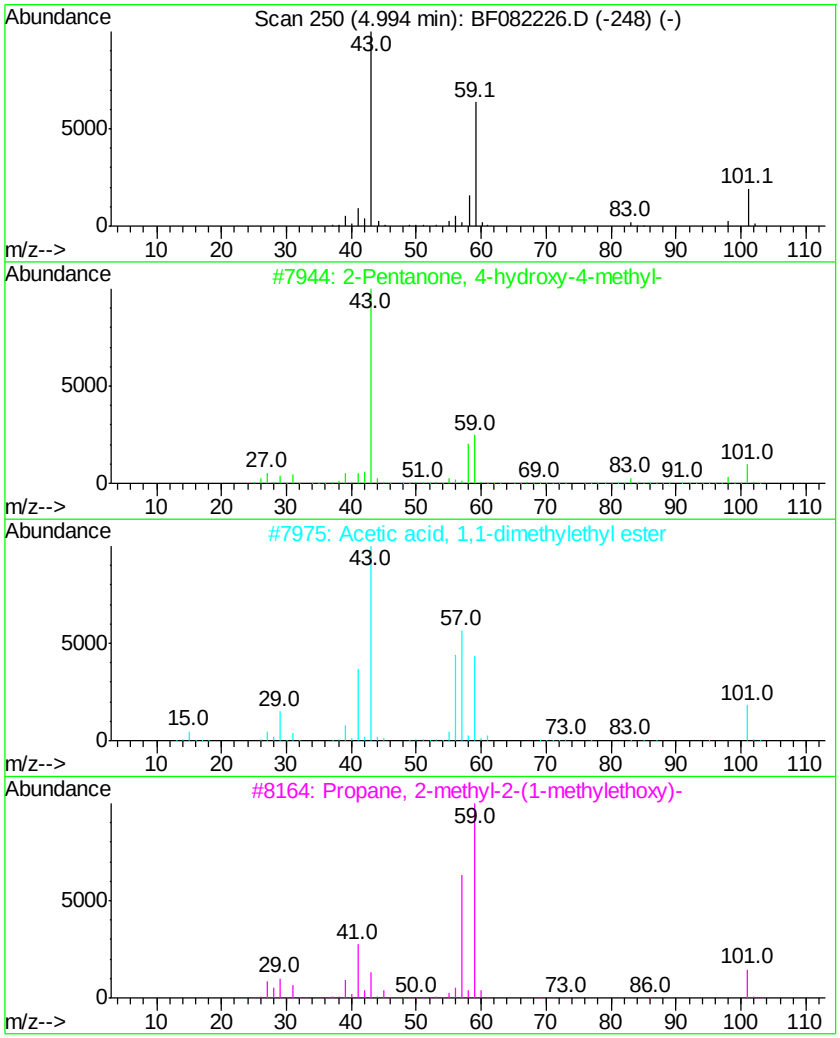
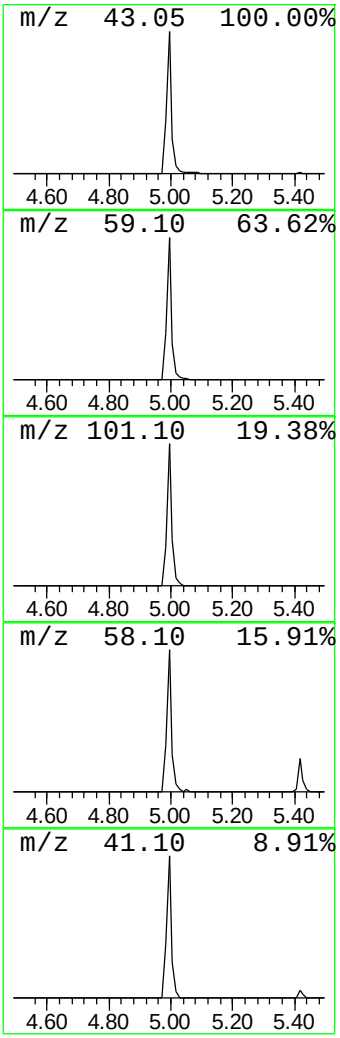
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	21.22 ng	373015	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082226.D
Acq On : 12 Oct 2015 18:11
Operator : UM/IZ
Sample : G3990-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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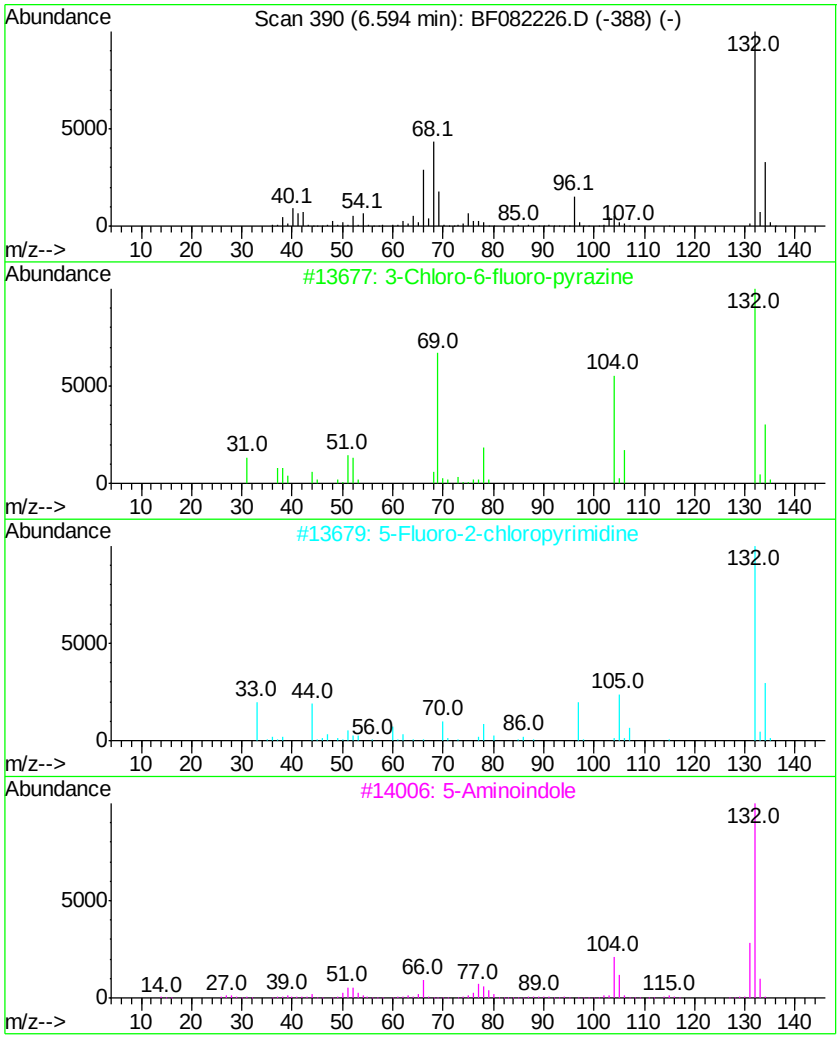
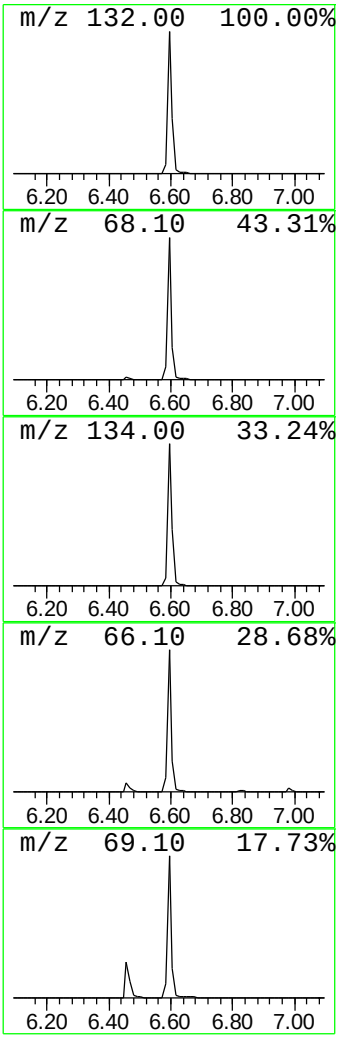
Peak Number 2 3-Chloro-6-fluoro-pyrazine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	81.71 ng	1436000	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082226.D
Acq On : 12 Oct 2015 18:11
Operator : UM/IZ
Sample : G3990-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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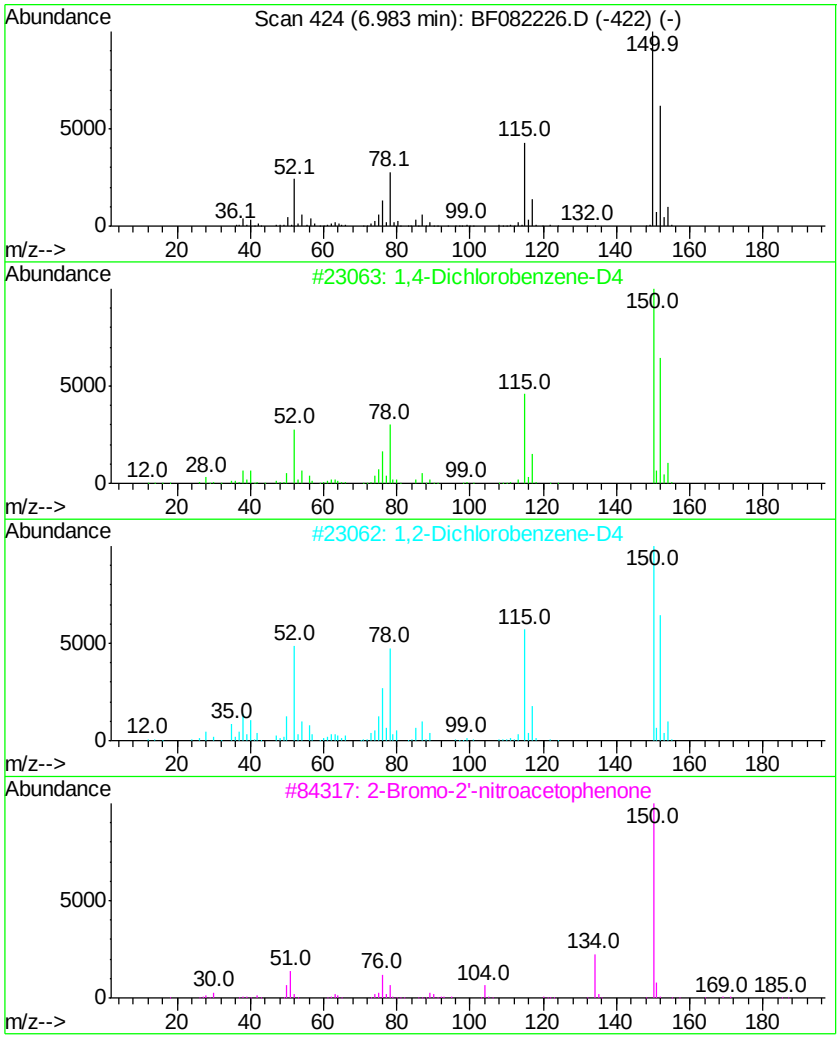
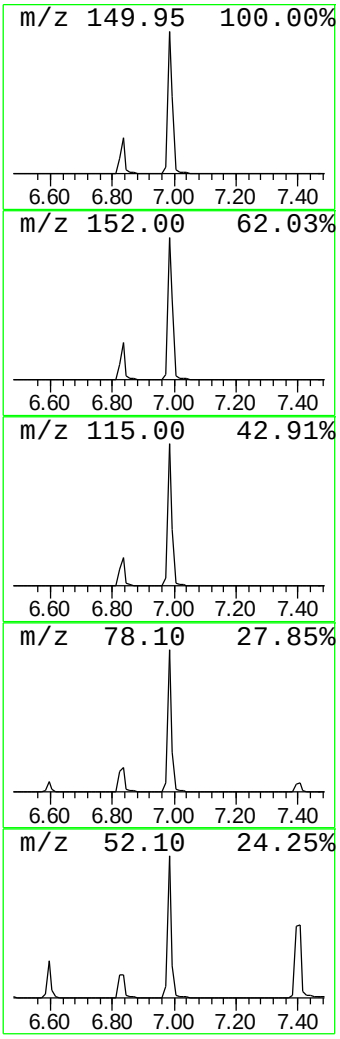
Peak Number 3 1,4-Dichlorobenzene-D4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	81.45 ng	1431410	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	94
2	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	91
3	2-Bromo-2'-nitroacetophenone	243	C8H6BrNO3	006851-99-6	12
4	3-(4-Nitrobenzoyl)-2-thioxo-4-th...	431	C17H9N3O7S2	329218-74-8	10
5	2-Cyclohexene-1,4-dione, 5,6-dic...	370	C15H12Cl2N2O5	324051-56-1	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082226.D
Acq On : 12 Oct 2015 18:11
Operator : UM/IZ
Sample : G3990-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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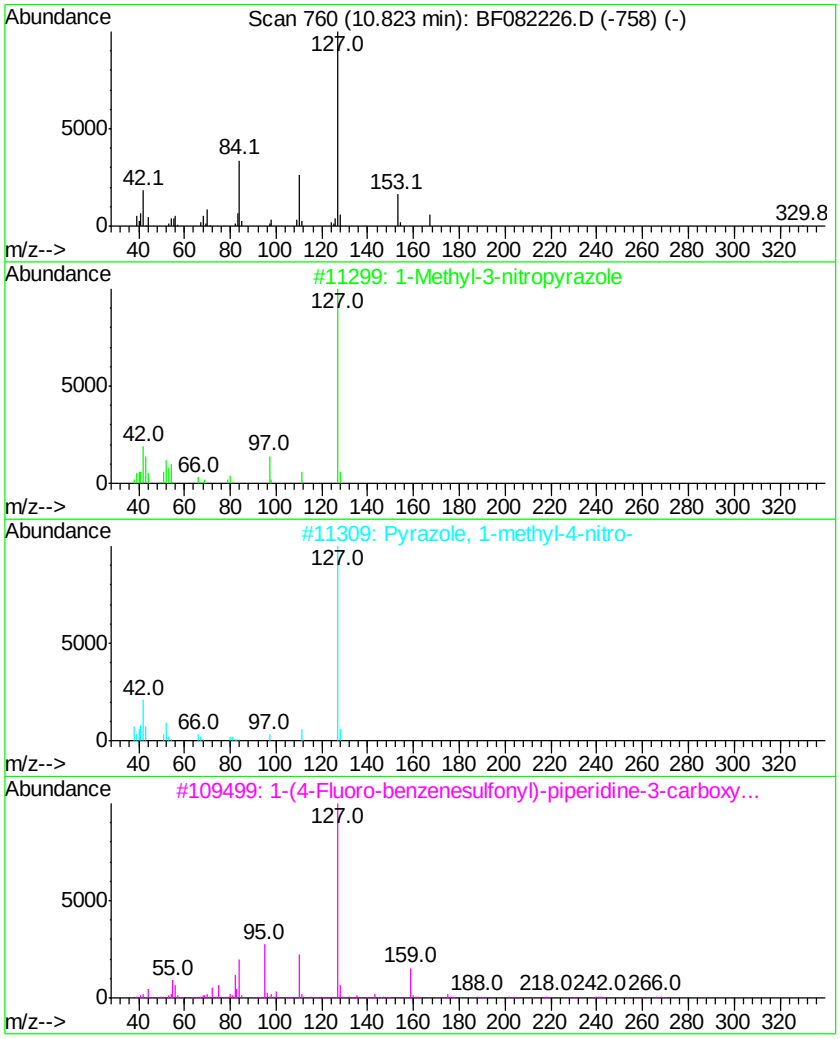
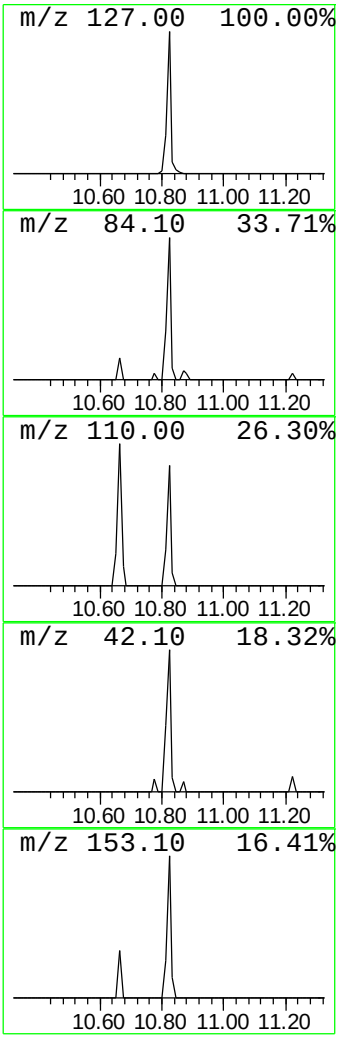
Peak Number 4 1-Methyl-3-nitropyrazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.03 ng	63266	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-nitropyrazole	127	C4H5N3O2	054210-32-1	46
2	Pyrazole, 1-methyl-4-nitro-	127	C4H5N3O2	003994-50-1	43
3	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	42
4	Isopropylphoshonic acid, fluoroa...	238	C11H24FO2P	1000273-54-8	40
5	1,3-Dimethylbutyl isopropylphosp...	210	C9H20FO2P	1000298-25-6	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082226.D
Acq On : 12 Oct 2015 18:11
Operator : UM/IZ
Sample : G3990-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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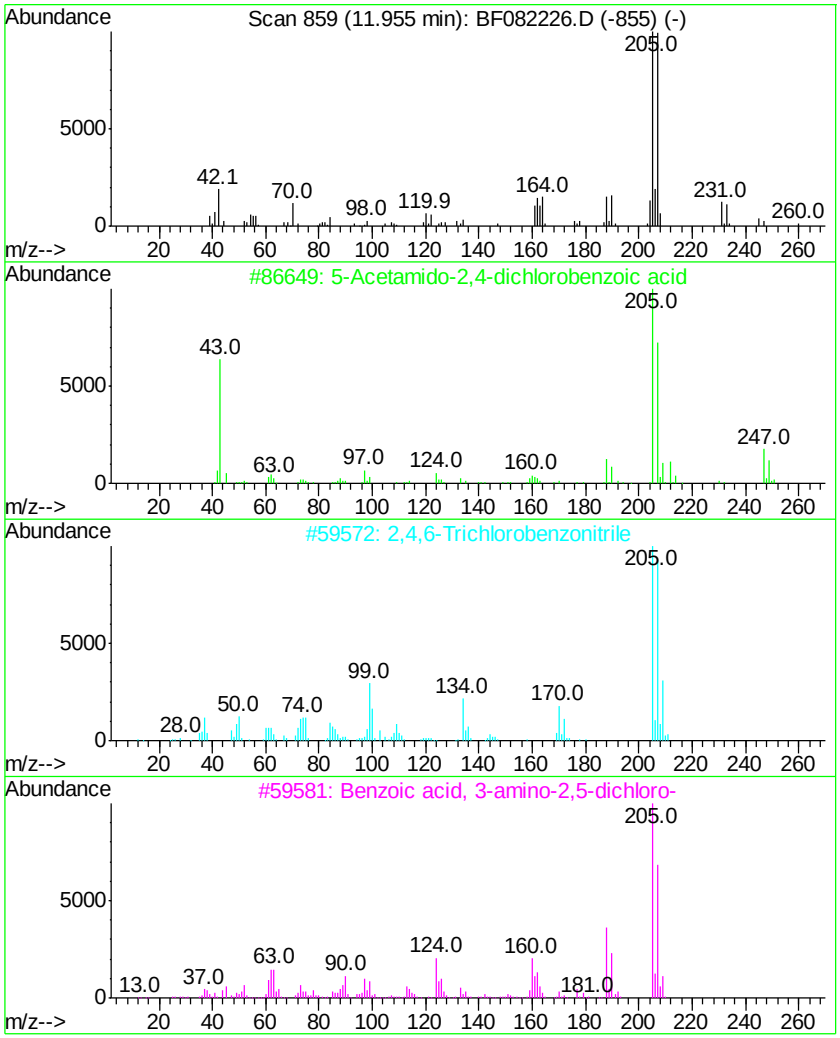
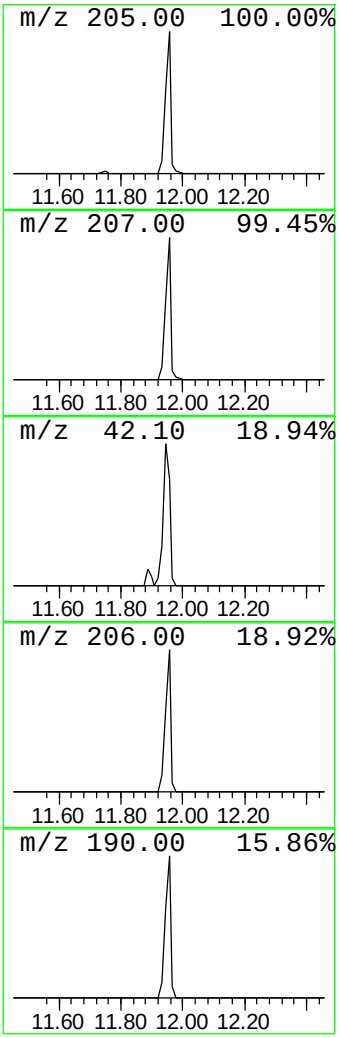
Peak Number 5 5-Acetamido-2,4-dichloroben... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.89 ng	184111	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Acetamido-2,4-dichlorobenzoic ...	247	C9H7Cl2NO3	050602-49-8	64
2	2,4,6-Trichlorobenzonitrile	205	C7H2Cl3N	006575-05-9	59
3	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	50
4	5-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	064124-92-1	38
5	7-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	064124-91-0	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101215\
Data File : BF082226.D
Acq On : 12 Oct 2015 18:11
Operator : UM/IZ
Sample : G3990-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PO-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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
2-Pentanone, 4-hy...	4.99	21.2	ng	373015	1	6.83	351497	20.0
3-Chloro-6-fluoro...	6.59	81.7	ng	1436000	1	6.83	351497	20.0
1,4-Dichlorobenze...	6.98	81.4	ng	1431410	1	6.83	351497	20.0
1-Methyl-3-nitrop...	10.82	2.0	ng	63266	4	11.36	624778	20.0
5-Acetamido-2,4-d...	11.95	5.9	ng	184111	4	11.36	624778	20.0