LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082241.D
Acq On : 13 Oct 2015 3:59
Operator : UM/IZ
Sample : G3990-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-11M

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	2.262	9	11	33	rVB	69771	199459	7.58%	1.254%
2	4.994	248	250	260	rBV	335787	379050	14.41%	2.383%
3	5.417	285	287	290	rBV	651525	759358	28.88%	4.774%
4	5.829	321	323	327	rBV	30949	28420	1.08%	0.179%
5	6.457	377	378	381	rBV	327833	451508	17.17%	2.839%
6	6.594	388	390	393	rBV	1430125	1473420	56.03%	9.263%
7	6.834	409	411	413	rBV	286603	318782	12.12%	2.004%
8	6.983	422	424	427	rBV	1367681	1523911	57.95%	9.581%
9	7.406	458	461	463	rBV	1119829	1252058	47.61%	7.872%
10	8.114	521	523	526	rBV	417904	445645	16.95%	2.802%
11	9.200	615	618	620	rBV	2664638	2532476	96.30%	15.921%
12	9.589	650	652	655	rBV	84767	91462	3.48%	0.575%
13	9.875	675	677	679	rBV	640134	567425	21.58%	3.567%
14	10.663	743	746	749	rBV	1331115	1471558	55.96%	9.252%
15	10.778	754	756	762	rVB	21541	32281	1.23%	0.203%
16	11.361	805	807	810	rBV	622837	569905	21.67%	3.583%
17	12.949	943	946	949	rBV	2369473	2629683	100.00%	16.533%
18	13.806	1020	1021	1023	rBV	45554	34974	1.33%	0.220%
19	13.841	1023	1024	1033	rVB	45027	57864	2.20%	0.364%
20	14.001	1036	1038	1050	rVB	605574	610945	23.23%	3.841%
21	15.429	1161	1163	1173	rBV	290771	475932	18.10%	2.992%

Sum of corrected areas: 15906116

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082241.D
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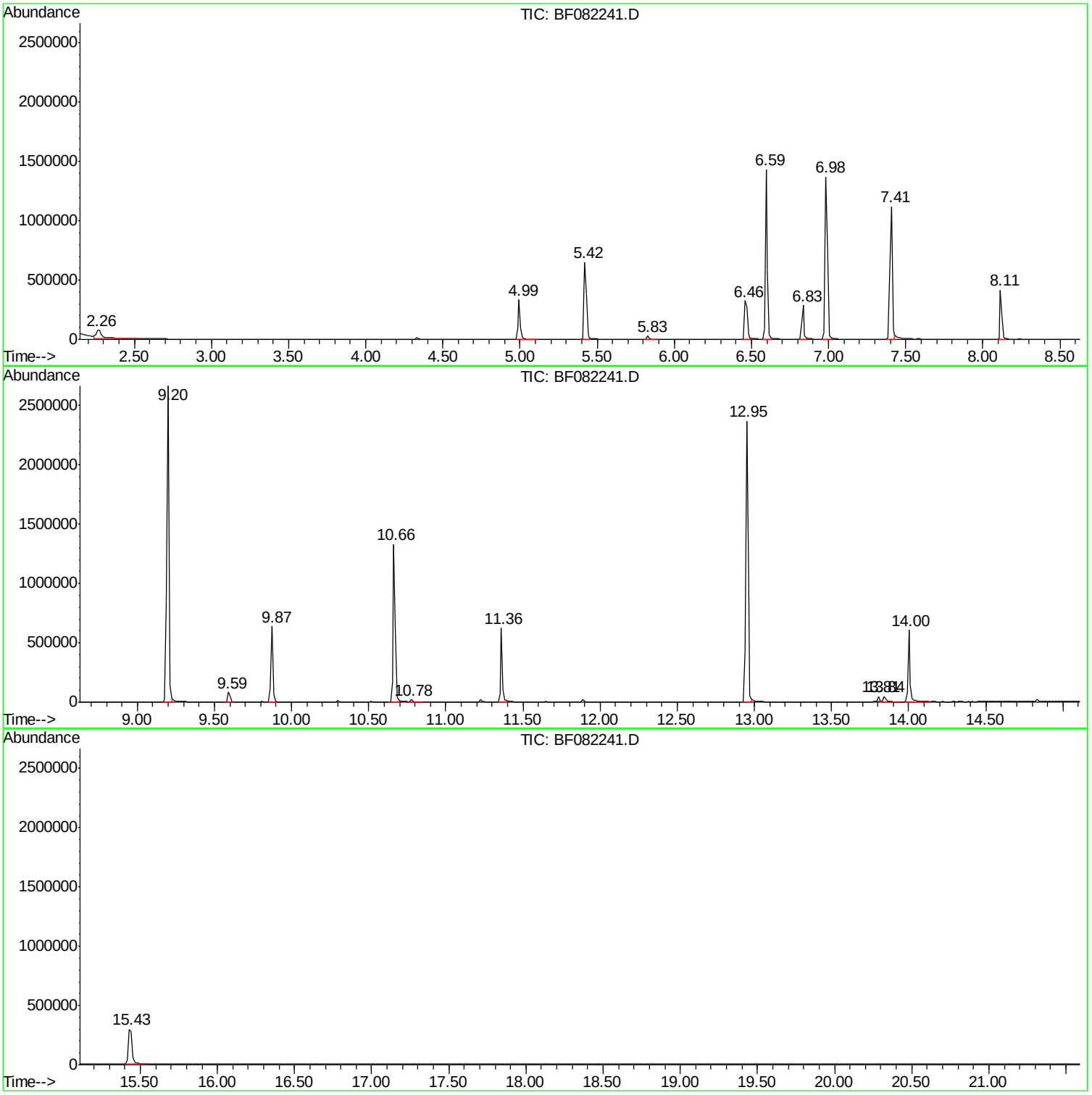
Operator : UM/IZ
Sample : G3990-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

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\BF101315\
Data File : BF082241.D
Acq On : 13 Oct 2015 3:59
Operator : UM/IZ
Sample : G3990-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-11M

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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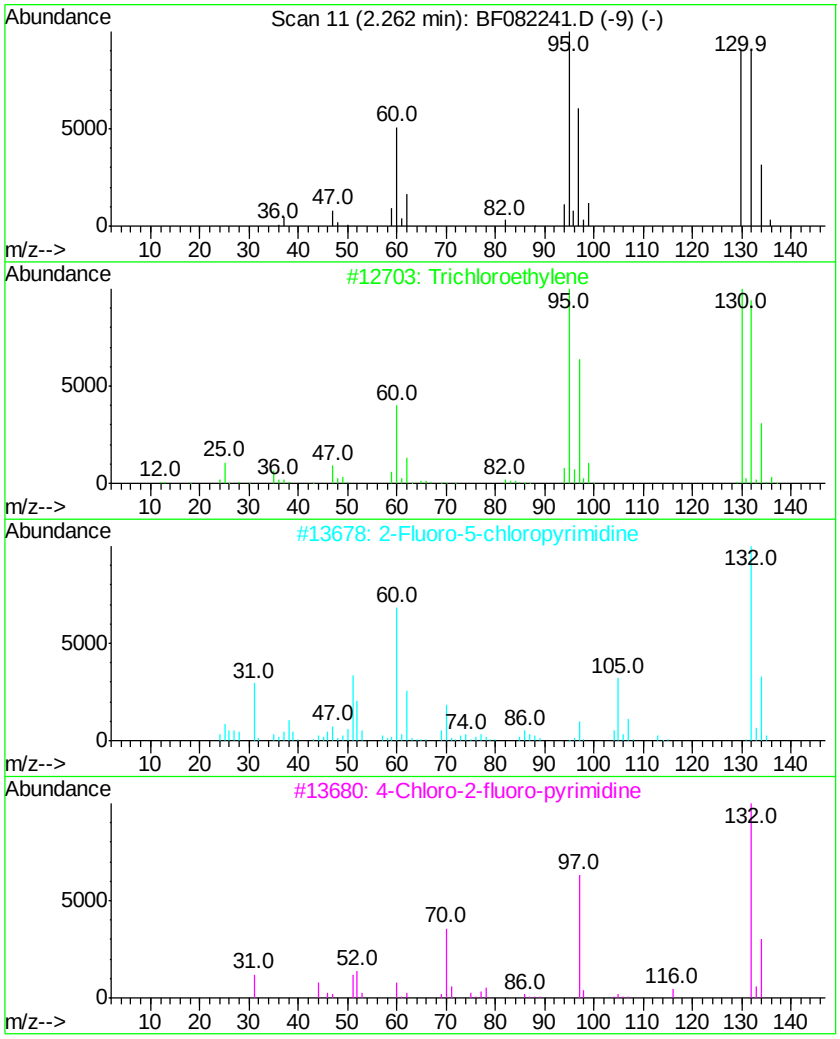
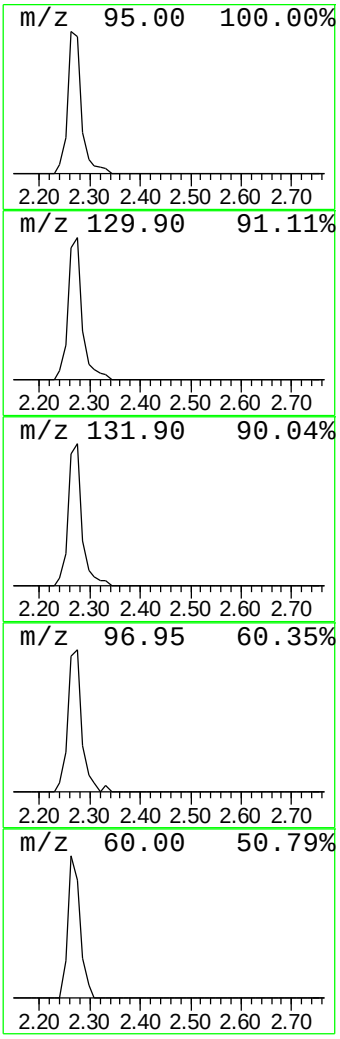
Peak Number 1 Trichloroethylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	12.51 ng	199459	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	97
2	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	38
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	22
4	1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	18
5	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	12





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Data File : BF082241.D
Acq On : 13 Oct 2015 3:59
Operator : UM/IZ
Sample : G3990-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-11M

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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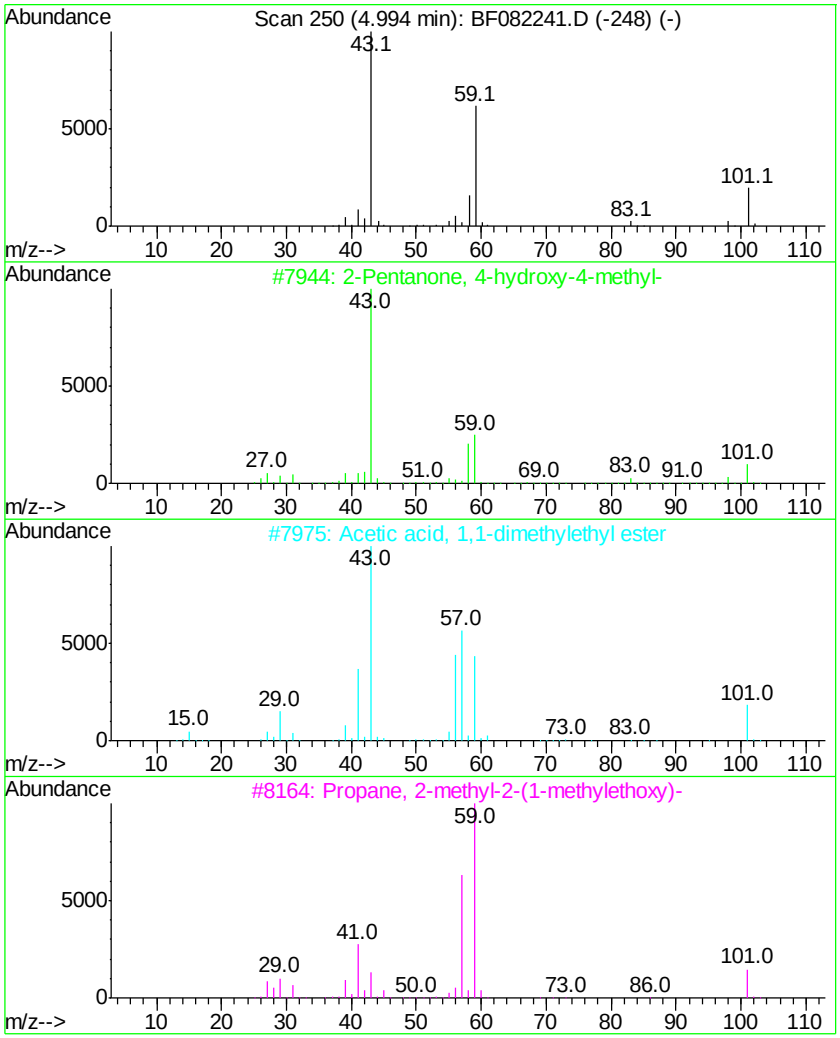
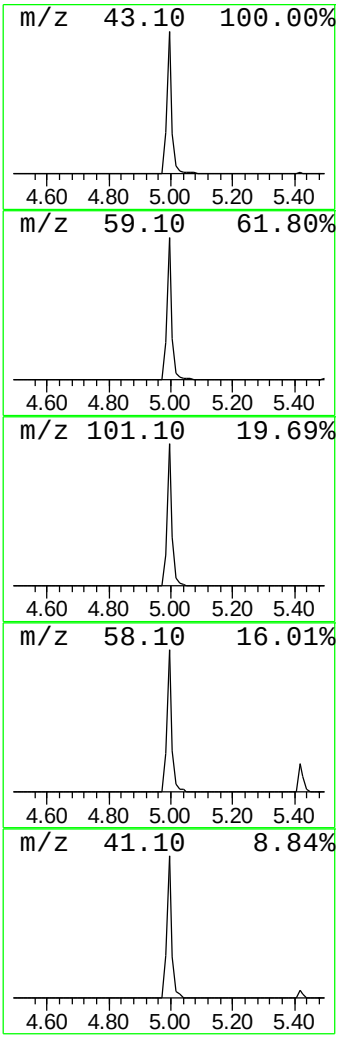
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	23.78 ng	379050	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	64
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	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082241.D
Acq On : 13 Oct 2015 3:59
Operator : UM/IZ
Sample : G3990-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-11M

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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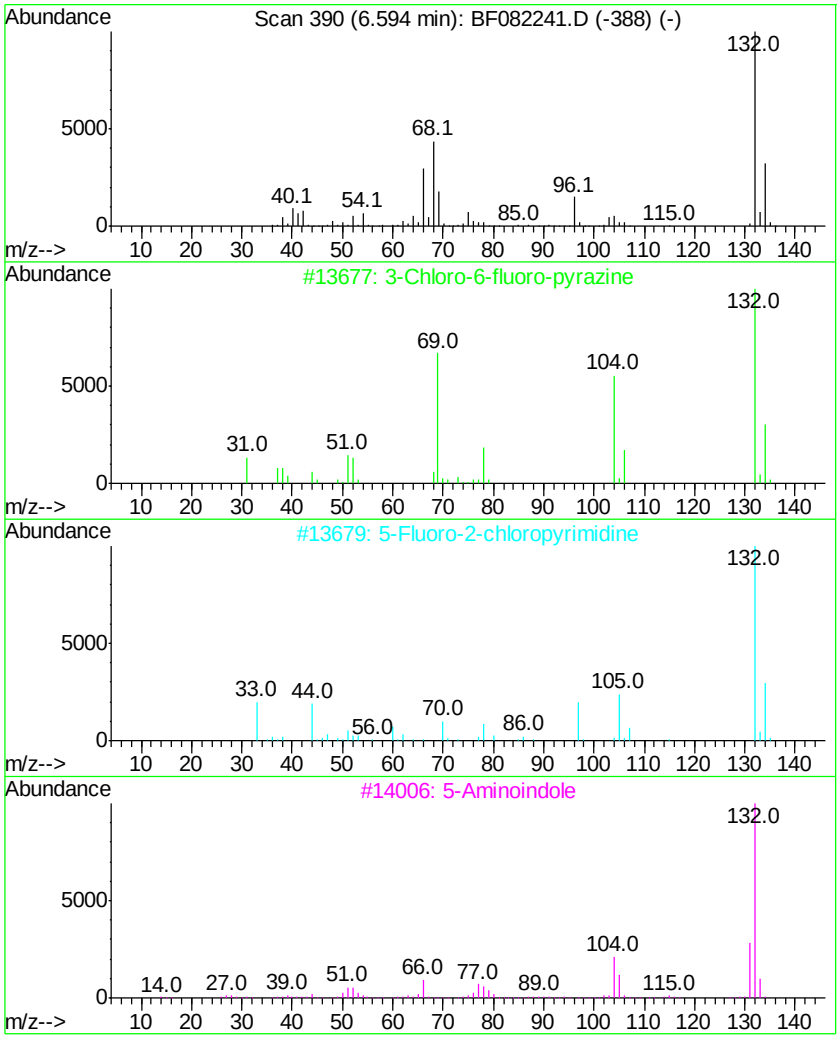
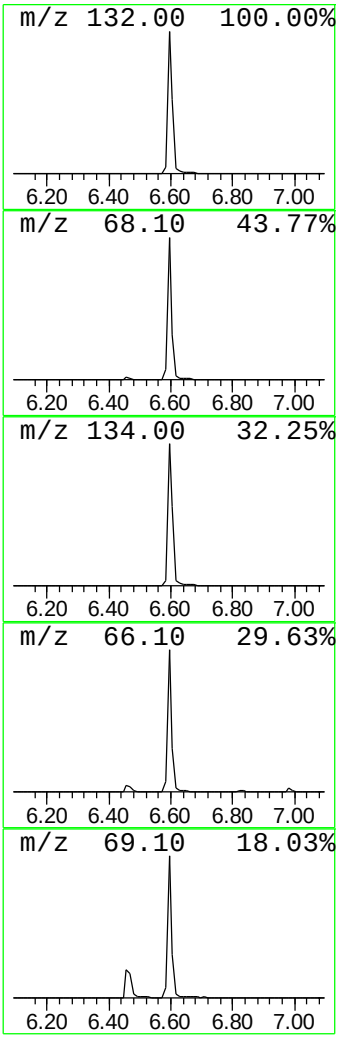
Peak Number 3 3-Chloro-6-fluoro-pyrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	92.44 ng	1473420	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\BF101315\
Data File : BF082241.D
Acq On : 13 Oct 2015 3:59
Operator : UM/IZ
Sample : G3990-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-11M

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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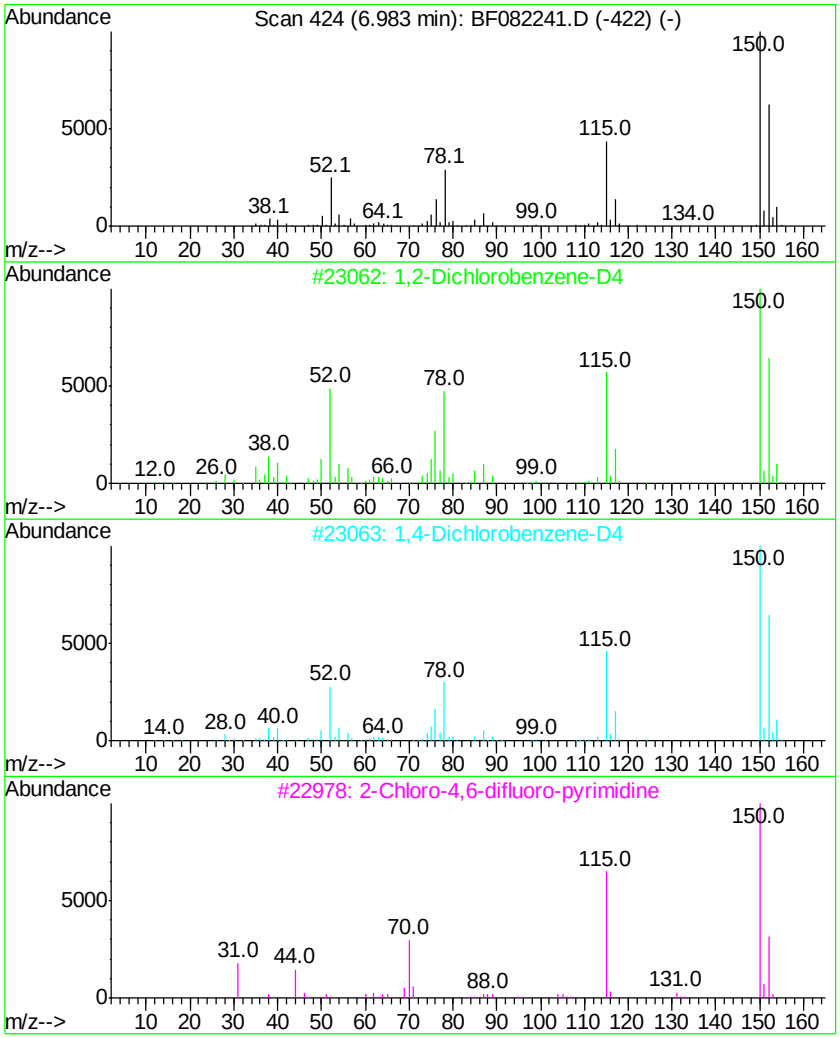
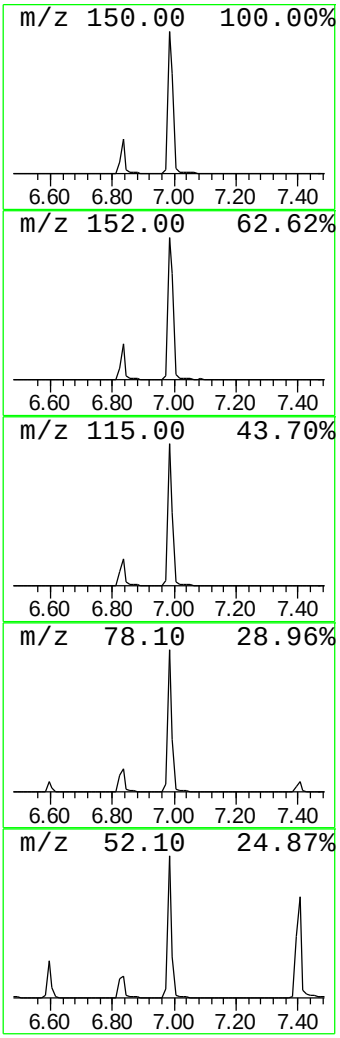
Peak Number 4 1,2-Dichlorobenzene-D4 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	95.61 ng	1523910	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	94
2	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	94
3	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	35
4	2-Bromo-2'-nitroacetophenone	243	C8H6BrNO3	006851-99-6	14
5	3-(4-Nitrobenzoyl)-2-thioxo-4-th...	431	C17H9N3O7S2	329218-74-8	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101315\
Data File : BF082241.D
Acq On : 13 Oct 2015 3:59
Operator : UM/IZ
Sample : G3990-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-11M

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
Trichloroethylene	2.26	12.5	ng	199459	1	6.83	318782	20.0
2-Pentanone, 4-hy...	4.99	23.8	ng	379050	1	6.83	318782	20.0
3-Chloro-6-fluoro...	6.59	92.4	ng	1473420	1	6.83	318782	20.0
1,2-Dichlorobenze...	6.98	95.6	ng	1523910	1	6.83	318782	20.0