LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082242.D
Acq On : 13 Oct 2015 4:29
Operator : UM/IZ
Sample : G3990-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(2-20)

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	258	rVB	305258	348120	14.97%	2.466%
2	5.417	285	287	290	rBV	497395	687672	29.57%	4.870%
3	5.829	321	323	326	rBV	27377	24845	1.07%	0.176%
4	6.457	376	378	381	rBV2	314905	411922	17.71%	2.917%
5	6.594	388	390	393	rBV	1339932	1328456	57.12%	9.409%
6	6.834	408	411	413	rBV	281167	298276	12.82%	2.113%
7	6.983	422	424	427	rBV	1316627	1384400	59.52%	9.805%
8	7.406	458	461	463	rBV	853501	1066544	45.86%	7.554%
9	8.115	521	523	526	rBV	411033	411751	17.70%	2.916%
10	9.200	615	618	620	rBV	2332785	2255647	96.98%	15.976%
11	9.589	650	652	655	rBV	28056	30589	1.32%	0.217%
12	9.875	675	677	679	rBV	605408	528219	22.71%	3.741%
13	10.663	743	746	749	rBV	1214494	1261422	54.24%	8.934%
14	10.823	758	760	762	rBV	71596	67011	2.88%	0.475%
15	11.361	805	807	810	rBV	578347	528326	22.72%	3.742%
16	11.944	855	858	861	rBV	103761	119315	5.13%	0.845%
17	12.949	943	946	949	rBV	2279567	2325823	100.00%	16.473%
18	13.841	1022	1024	1031	rBV2	21811	35263	1.52%	0.250%
19	14.001	1035	1038	1046	rBV	551367	572435	24.61%	4.054%
20	15.441	1161	1164	1174	rVB	269839	433093	18.62%	3.067%

Sum of corrected areas: 14119129

LSC Report - Integrated Chromatogram

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Data File : BF082242.D
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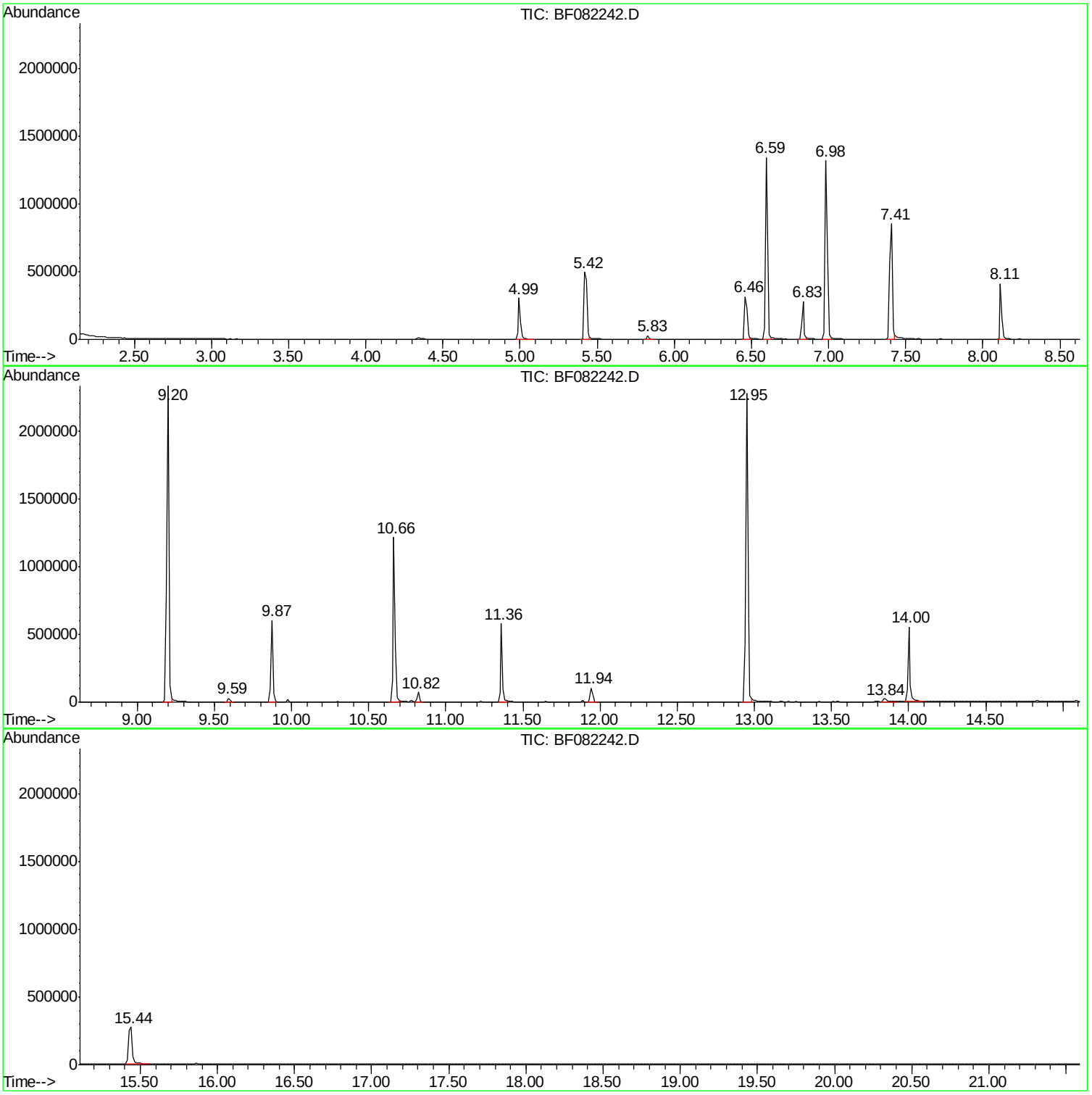
Operator : UM/IZ
Sample : G3990-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(2-20)

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082242.D
Acq On : 13 Oct 2015 4:29
Operator : UM/IZ
Sample : G3990-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(2-20)

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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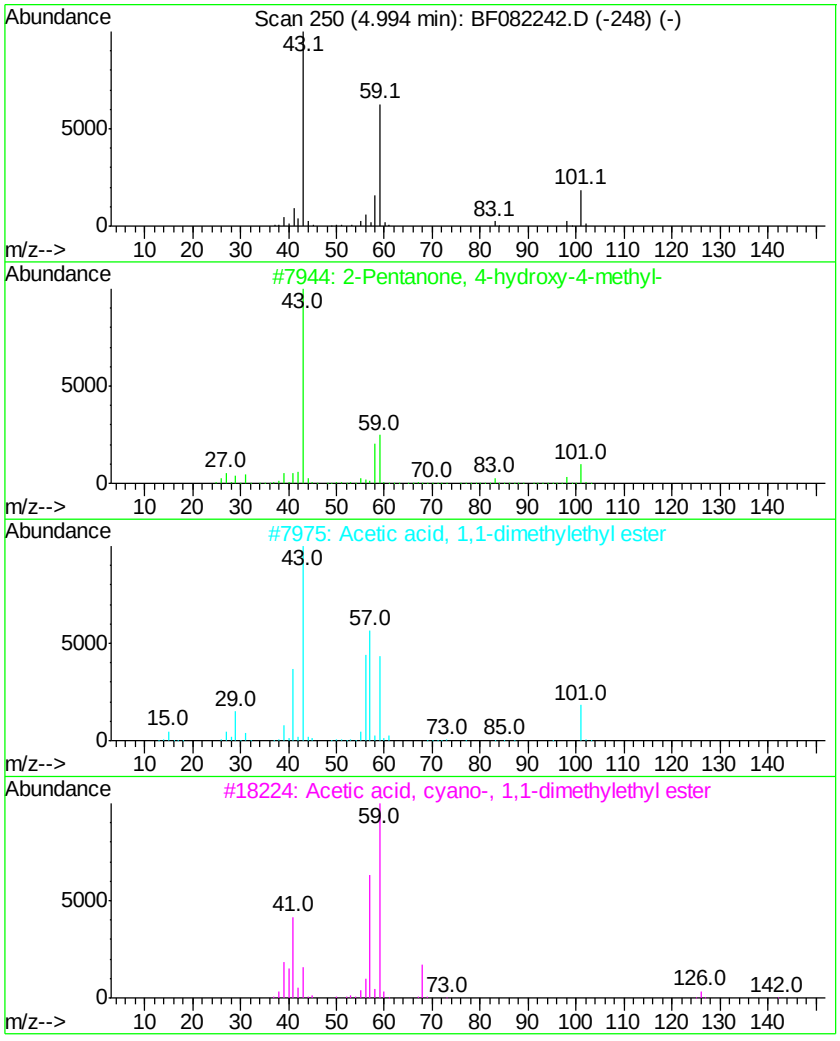
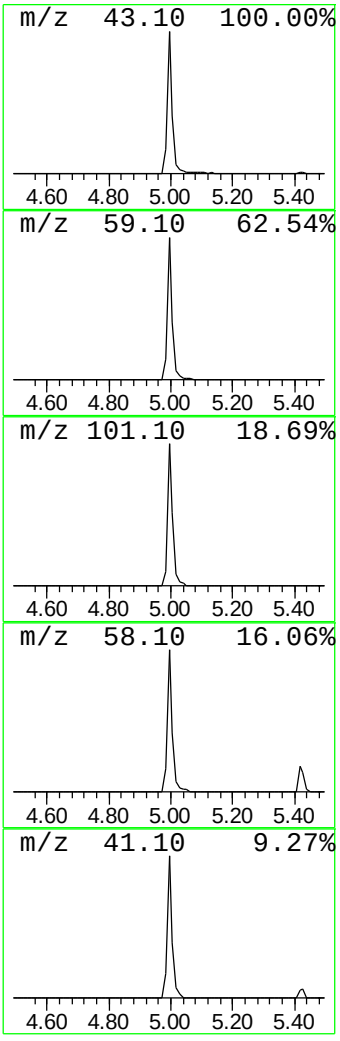
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	23.34 ng	348120	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	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082242.D
Acq On : 13 Oct 2015 4:29
Operator : UM/IZ
Sample : G3990-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(2-20)

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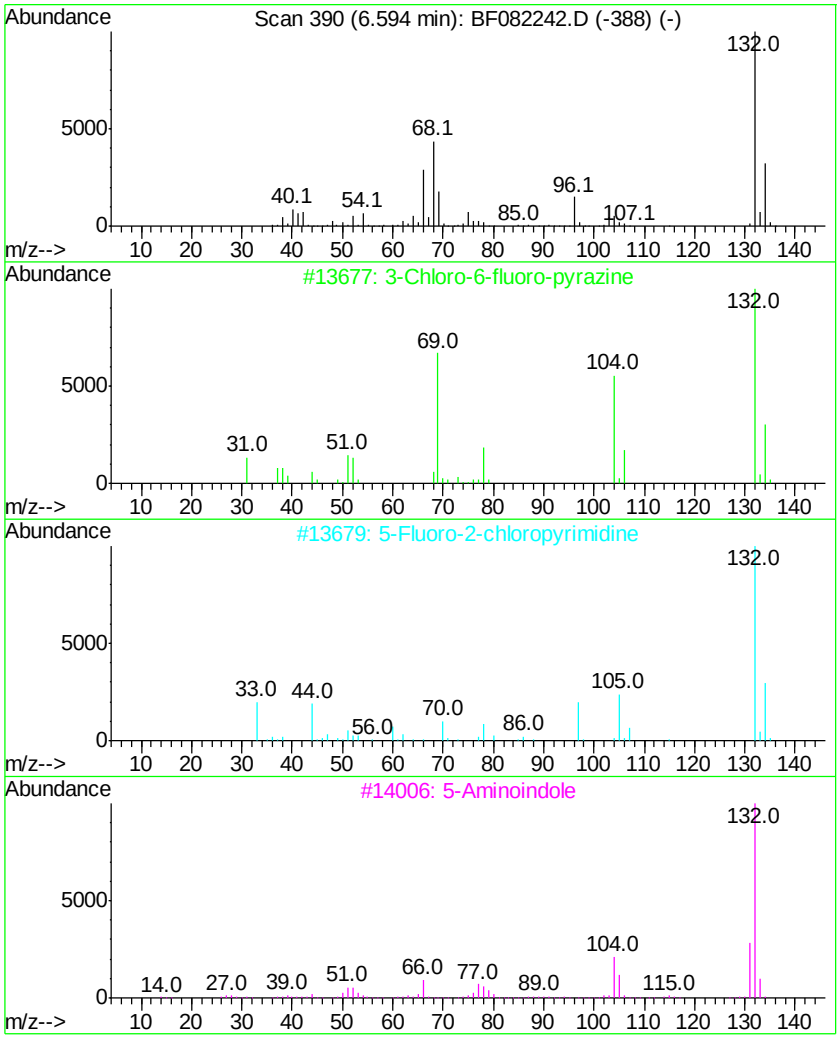
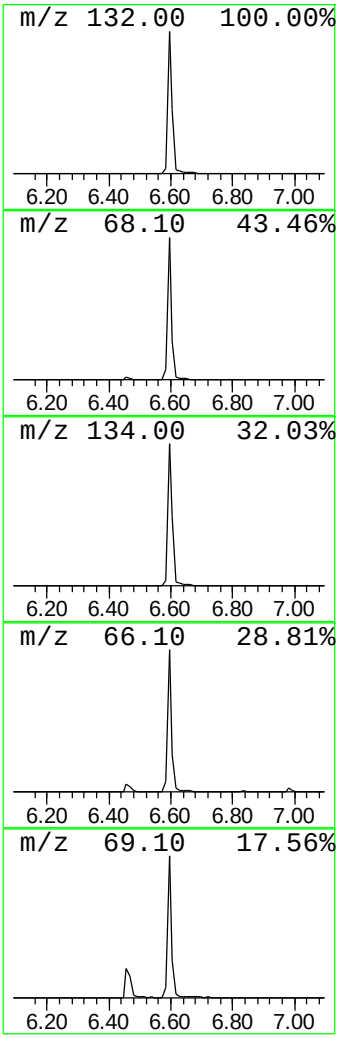
Peak Number 2 3-Chloro-6-fluoro-pyrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	89.08 ng	1328460	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	35
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	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Data File : BF082242.D
Acq On : 13 Oct 2015 4:29
Operator : UM/IZ
Sample : G3990-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(2-20)

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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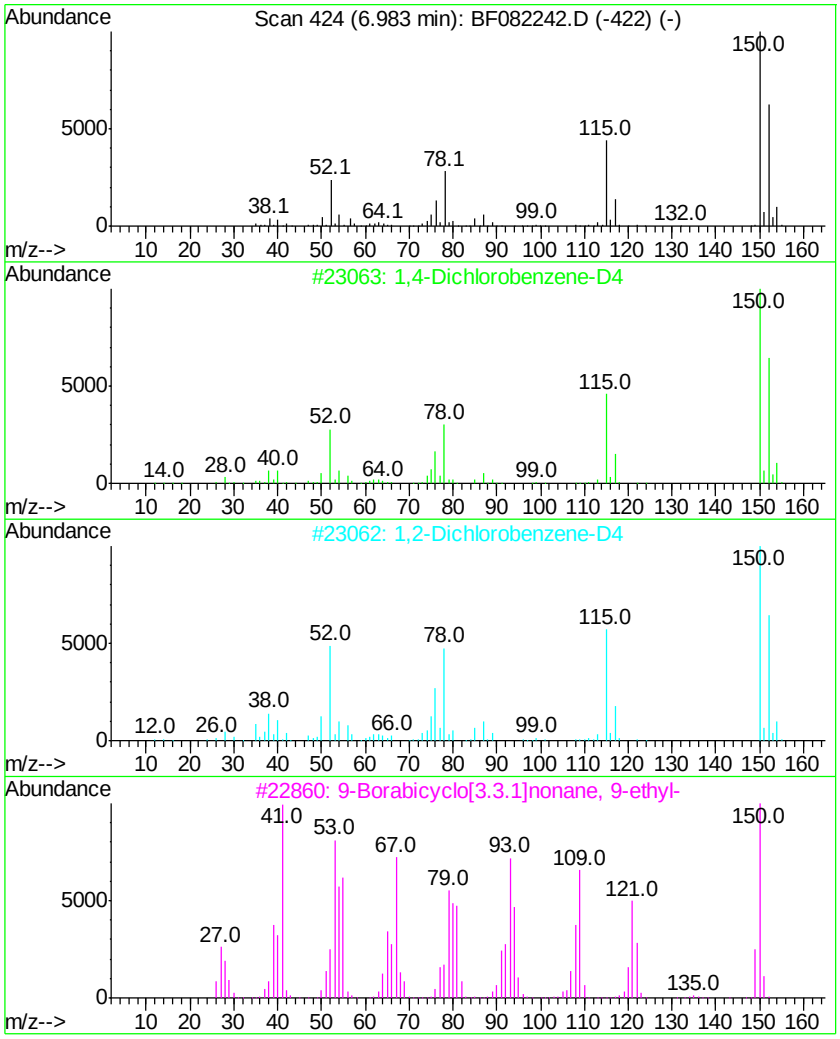
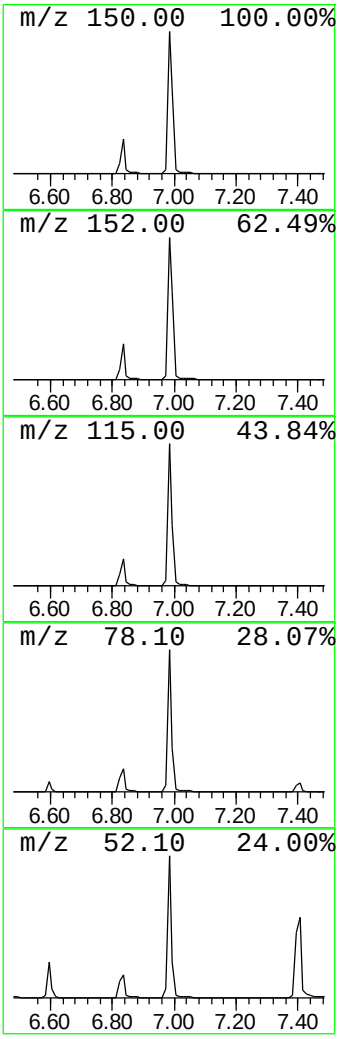
Peak Number 3 1,4-Dichlorobenzene-D4 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	92.83 ng	1384400	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	9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	38
4	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	35
5	2-Bromo-3'-nitroacetophenone	243	C8H6BrNO3	002227-64-7	10





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Sample : G3990-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(2-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

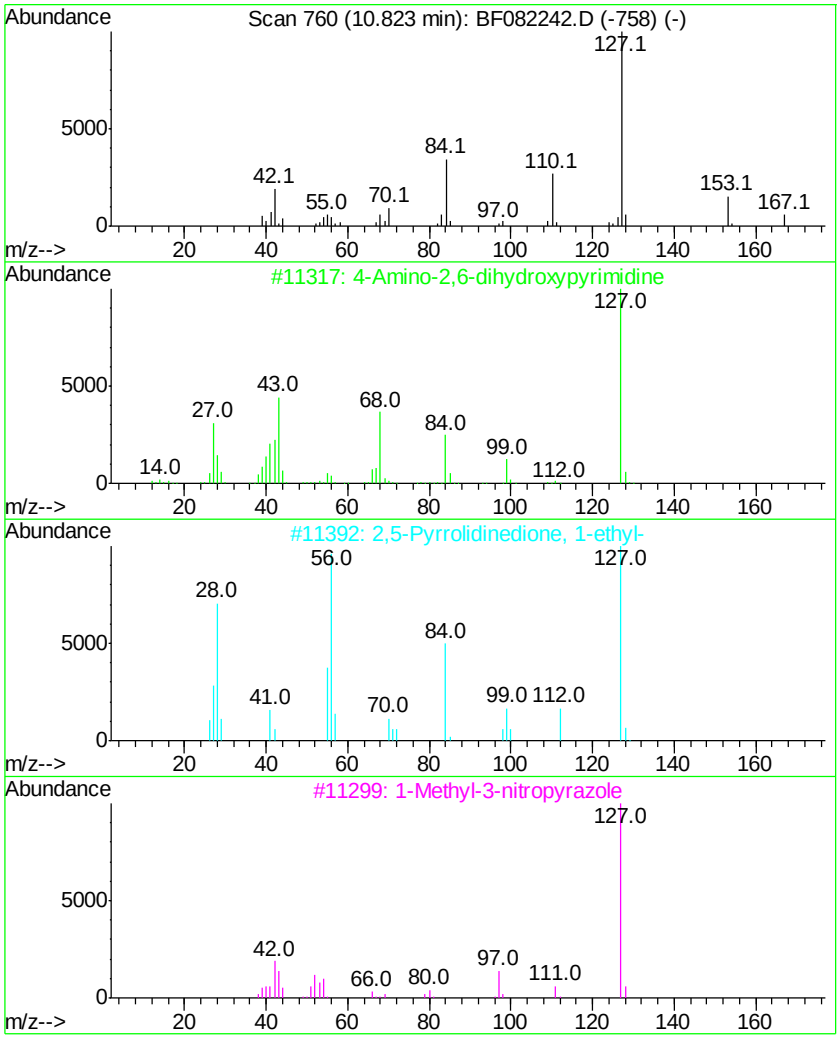
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

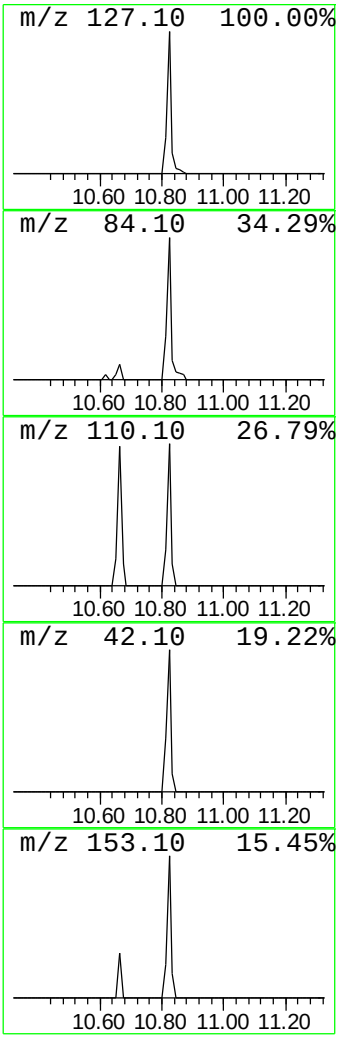
****

Peak Number 4 4-Amino-2,6-dihydroxypyrimi... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.54 ng	67011	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	53
2	2,5-Pyrrolidinedione, 1-ethyl-	127	C6H9NO2	002314-78-5	50
3	1-Methyl-3-nitropyrazole	127	C4H5N3O2	054210-32-1	49
4	Pyrazole, 1-methyl-4-nitro-	127	C4H5N3O2	003994-50-1	47
5	1-Ethylhexyl isopropylphosphonof...	238	C11H24FO2P	1000298-40-4	43





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Operator : UM/IZ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(2-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

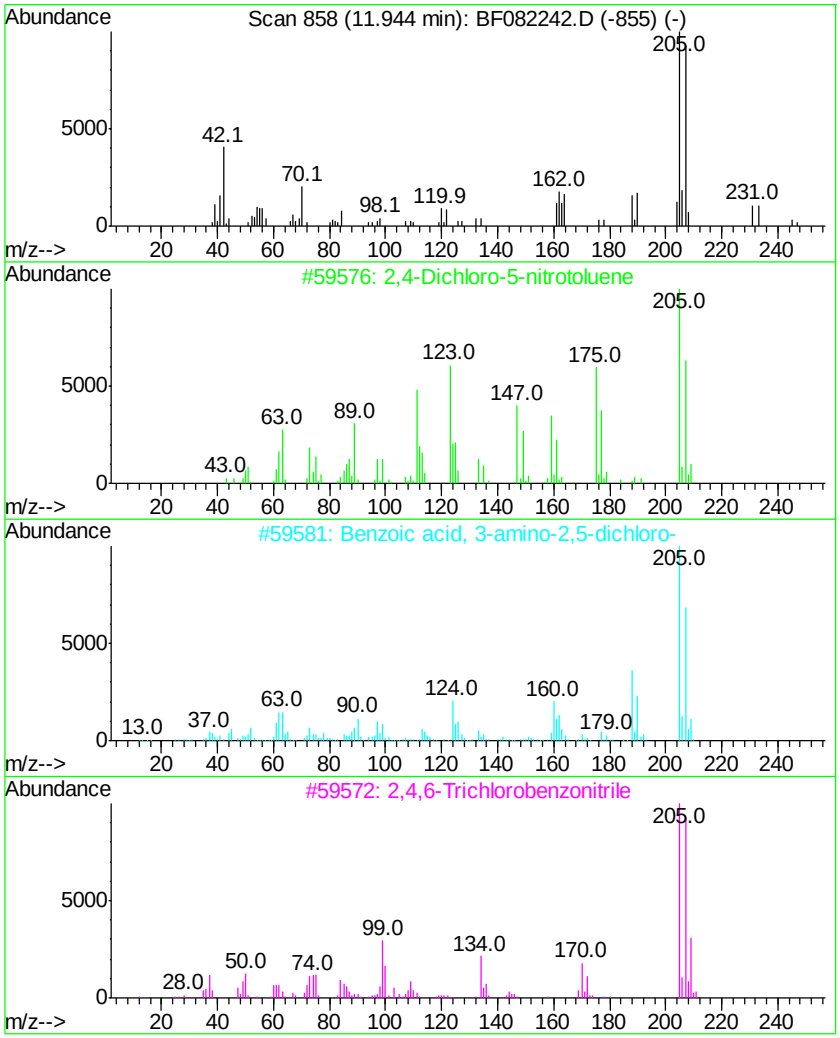
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

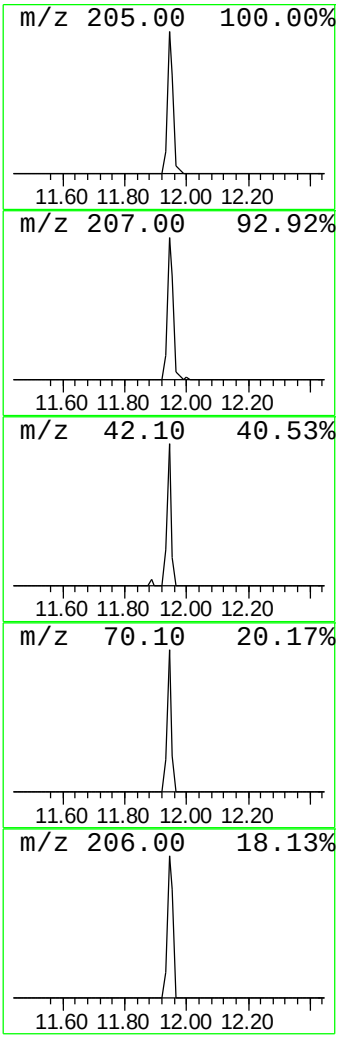
****

Peak Number 5 2,4-Dichloro-5-nitrotoluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.52 ng	119315	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dichloro-5-nitrotoluene	205	C7H5Cl2NO2	007149-77-1	59
2	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	52
3	2,4,6-Trichlorobenzonitrile	205	C7H2Cl3N	006575-05-9	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	35





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	23.3	ng	348120	1	6.83	298276	20.0
3-Chloro-6-fluoro...	6.59	89.1	ng	1328460	1	6.83	298276	20.0
1,4-Dichlorobenze...	6.98	92.8	ng	1384400	1	6.83	298276	20.0
4-Amino-2,6-dihyd...	10.82	2.5	ng	67011	4	11.36	528326	20.0
2,4-Dichloro-5-ni...	11.94	4.5	ng	119315	4	11.36	528326	20.0