LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082237.D
Acq On : 13 Oct 2015 1:58
Operator : UM/IZ
Sample : G3990-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(40)

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	2.263	9	11	26	rVB	53022	140482	5.49%	0.900%
2	4.994	248	250	258	rBV	303685	343289	13.42%	2.200%
3	5.417	285	287	290	rBV	671049	718629	28.09%	4.605%
4	6.457	376	378	381	rBV2	335076	419811	16.41%	2.690%
5	6.595	388	390	393	rBV	1432906	1384774	54.13%	8.874%
6	6.835	409	411	413	rBV	287757	316435	12.37%	2.028%
7	6.983	422	424	427	rBV	1358465	1418131	55.43%	9.088%
8	7.406	458	461	463	rBV	944352	1151861	45.02%	7.381%
9	8.115	521	523	526	rBV	424865	437442	17.10%	2.803%
10	9.200	615	618	620	rBV	2476209	2422086	94.67%	15.521%
11	9.875	674	677	679	rBV	624932	551929	21.57%	3.537%
12	10.298	709	714	716	rBV	37123	41445	1.62%	0.266%
13	10.663	743	746	749	rBV	1307872	1441300	56.34%	9.236%
14	10.823	758	760	762	rBV	66233	62297	2.44%	0.399%
15	11.361	804	807	809	rBV	610208	553870	21.65%	3.549%
16	11.944	855	858	861	rBV	121886	165719	6.48%	1.062%
17	12.949	943	946	949	rBV	2411947	2558337	100.00%	16.395%
18	13.544	993	998	1004	rVB	14888	27355	1.07%	0.175%
19	13.784	1016	1019	1020	rBV	60103	94727	3.70%	0.607%
20	13.807	1020	1021	1023	rVV	212885	172502	6.74%	1.105%
21	13.841	1023	1024	1029	rVB	23518	33902	1.33%	0.217%
22	14.001	1034	1038	1048	rVV	610061	658905	25.76%	4.222%
23	15.430	1161	1163	1170	rBV	295537	489612	19.14%	3.138%

Sum of corrected areas: 15604840

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
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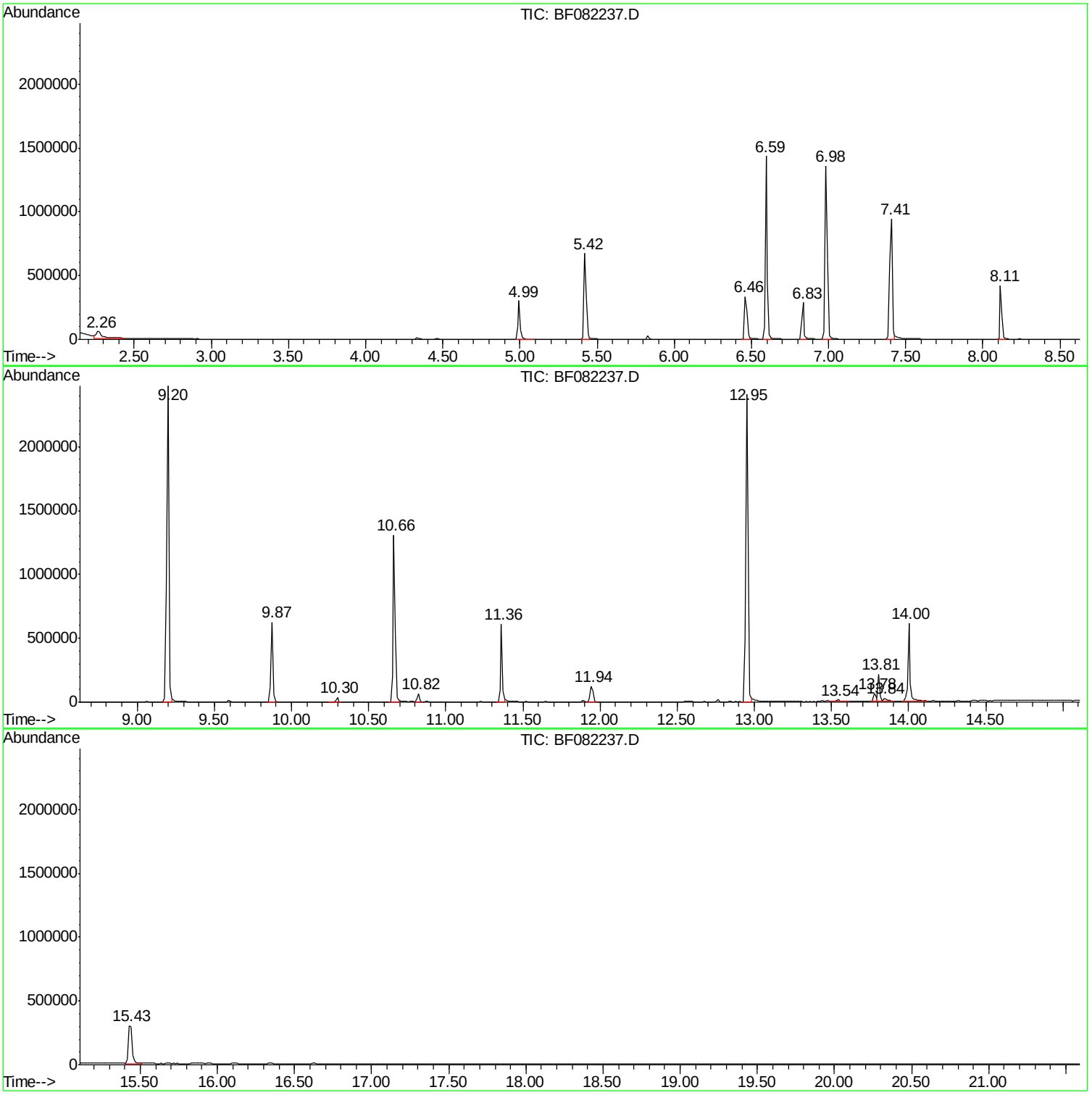
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)

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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Data File : BF082237.D
Acq On : 13 Oct 2015 1:58
Operator : UM/IZ
Sample : G3990-12
Misc :
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ClientSampleId : TE-PMW(40)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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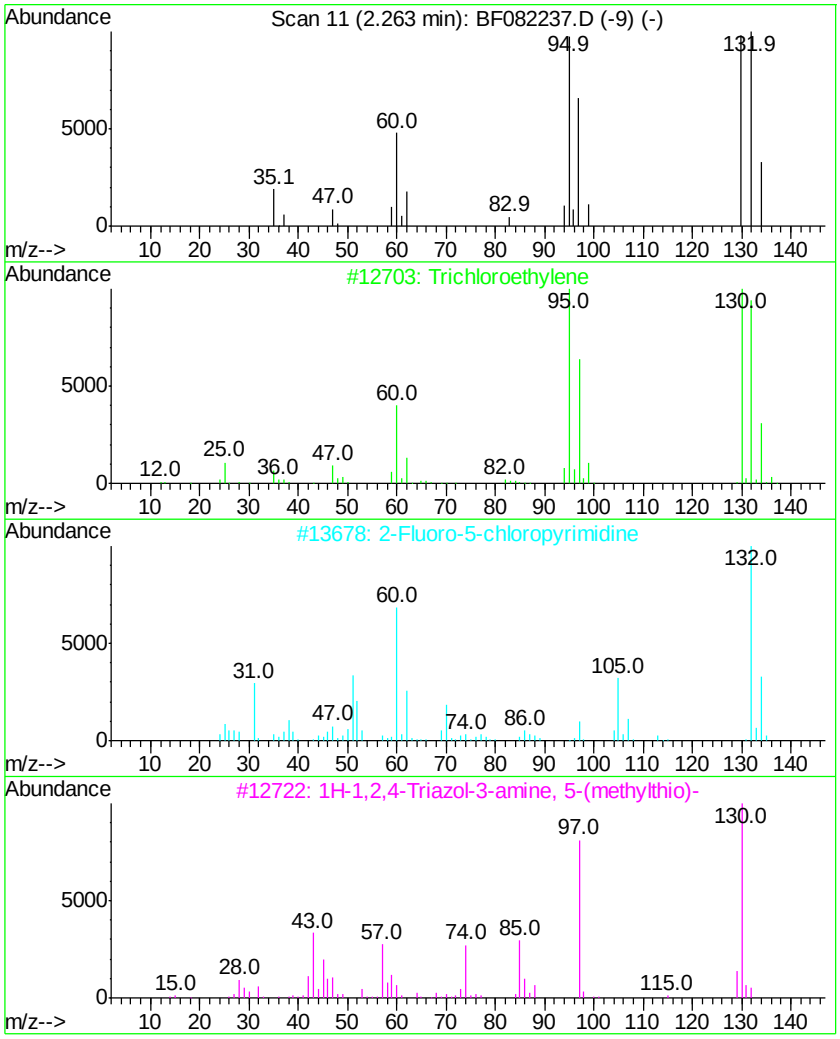
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

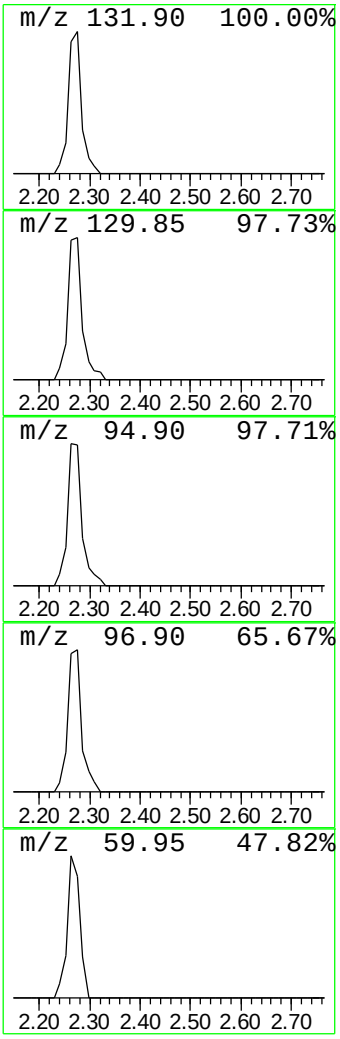
****

Peak Number 1 Trichloroethylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	8.88 ng	140482	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	95
2	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	38
3	1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	14
4	Benzene, 1-chloro-2-fluoro-	130	C6H4ClF	000348-51-6	12
5	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	12





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Data File : BF082237.D
Acq On : 13 Oct 2015 1:58
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Sample : G3990-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(40)

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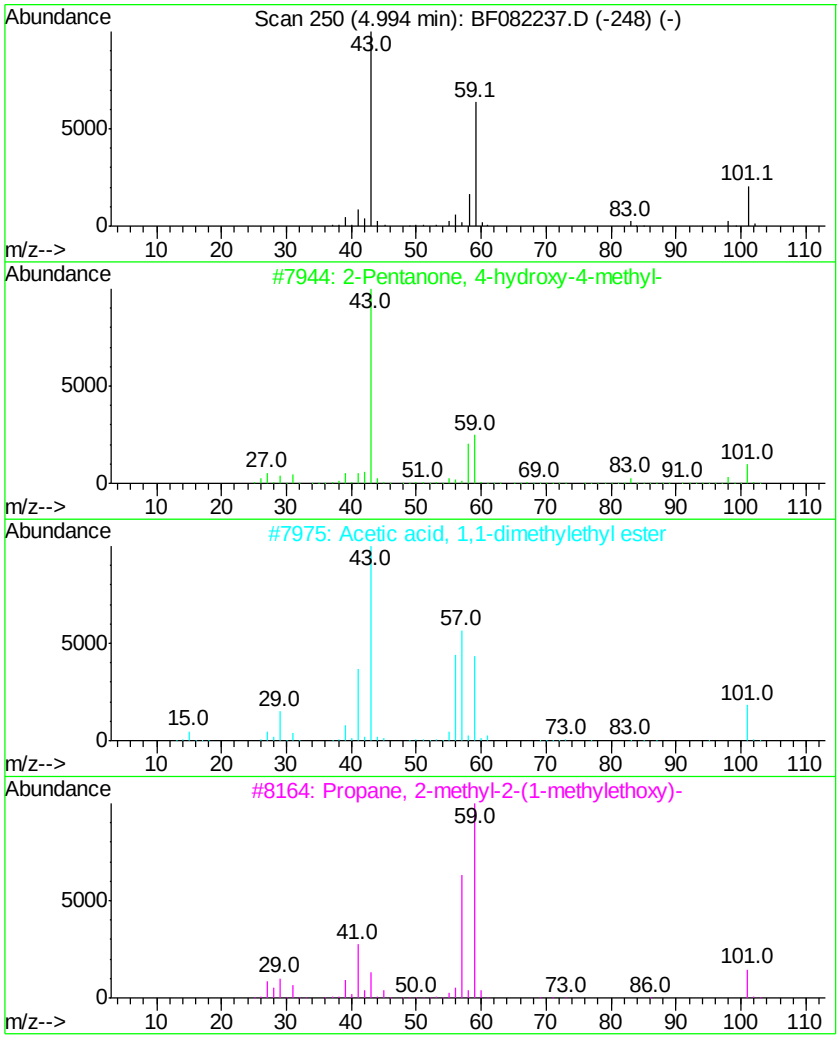
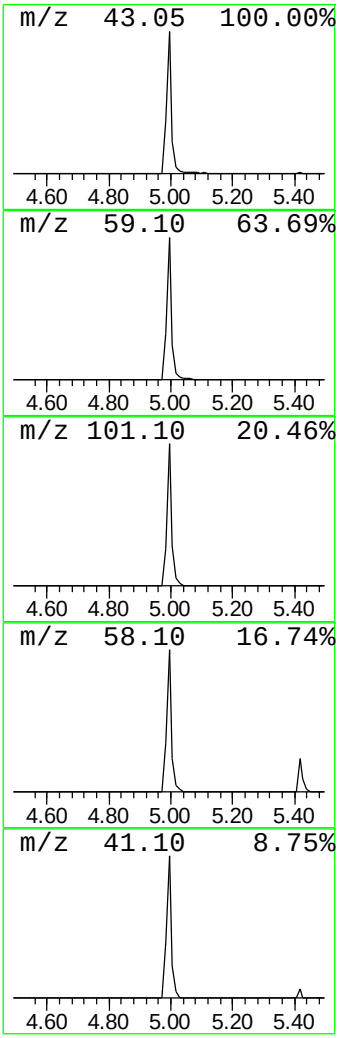
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	21.70 ng	343289	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	23





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Acq On : 13 Oct 2015 1:58
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Sample : G3990-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(40)

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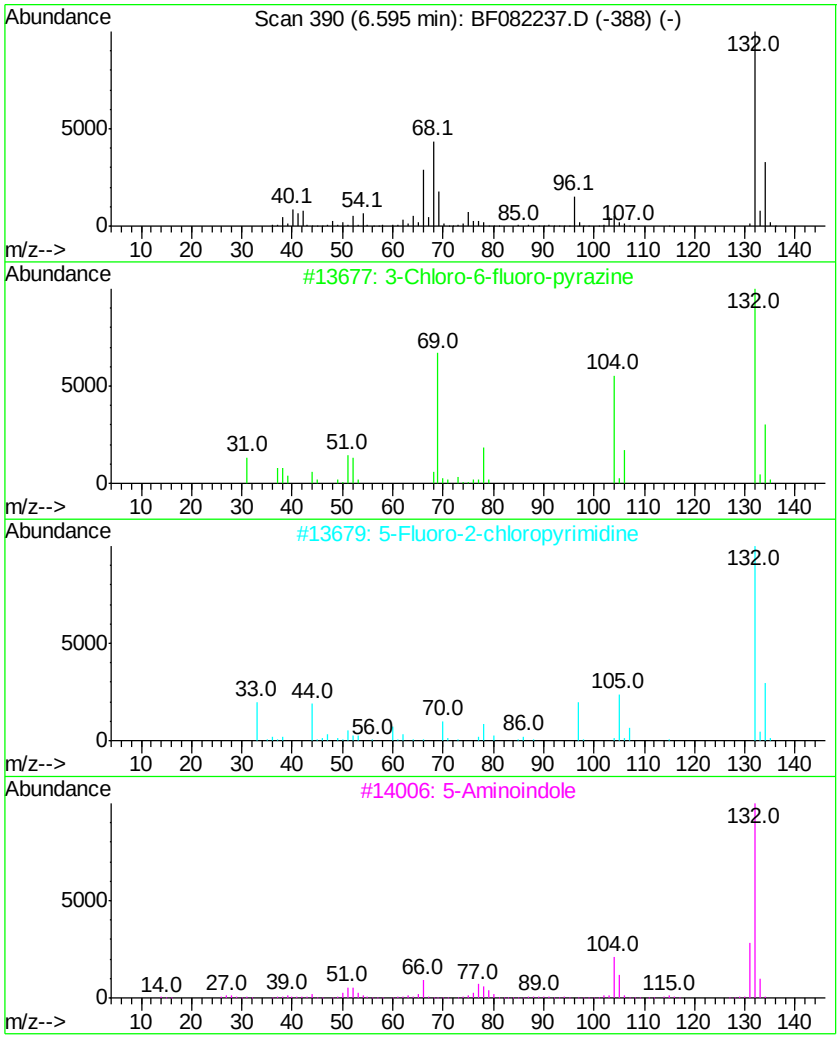
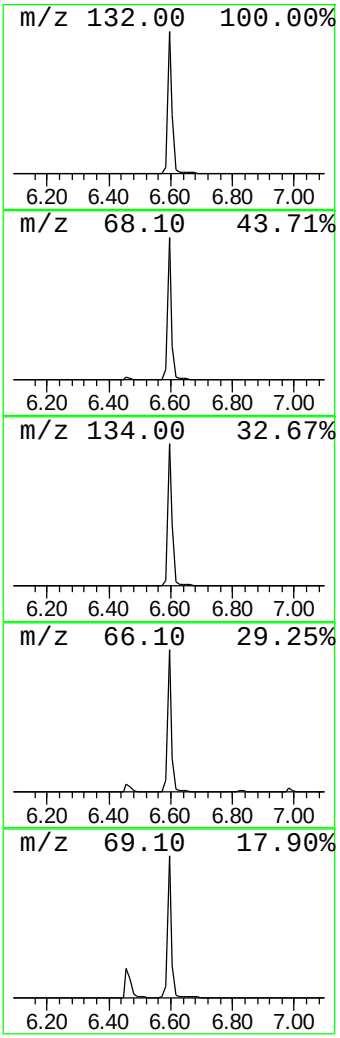
Peak Number 3 3-Chloro-6-fluoro-pyrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	87.52 ng	1384770	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	12
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





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(40)

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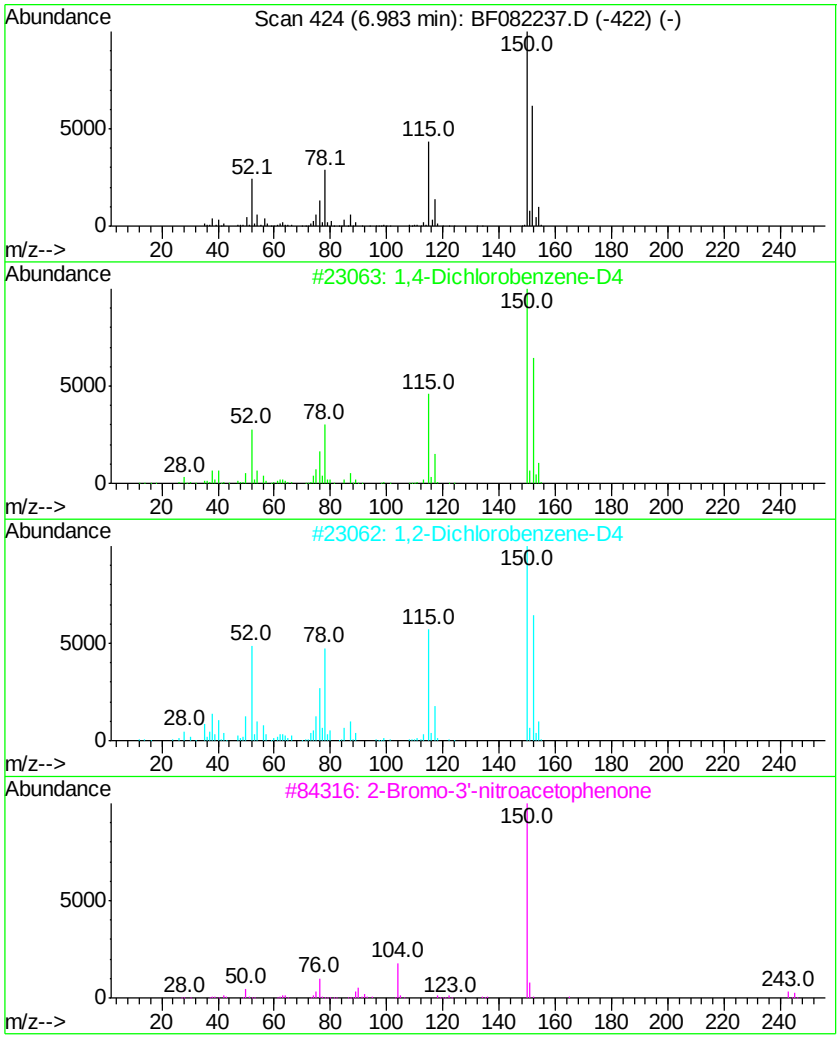
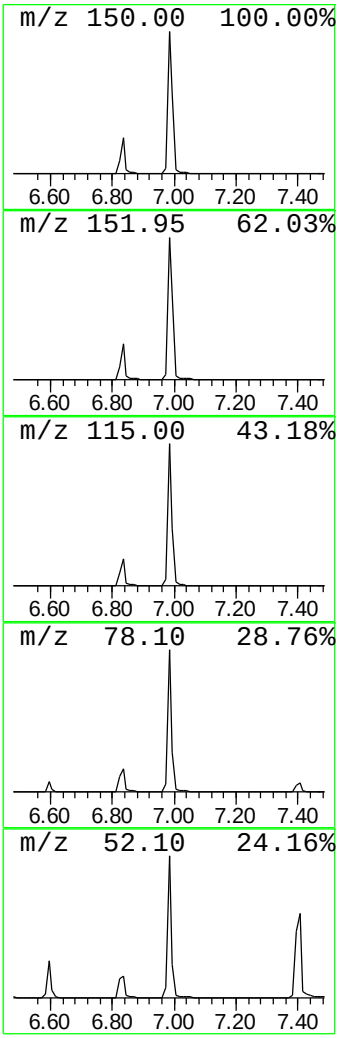
Peak Number 4 1,4-Dichlorobenzene-D4 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	89.63 ng	1418130	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	95
2	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	94
3	2-Bromo-3'-nitroacetophenone	243	C8H6BrNO3	002227-64-7	10
4	2-Cyclohexene-1,4-dione, 5,6-dic...	370	C15H12Cl2N2O5	324051-56-1	10
5	2-Cyclohexene-1,4-dione, 5-bromo...	380	C15H13BrN2O5	1000265-00-5	10





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Operator : UM/IZ
Sample : G3990-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(40)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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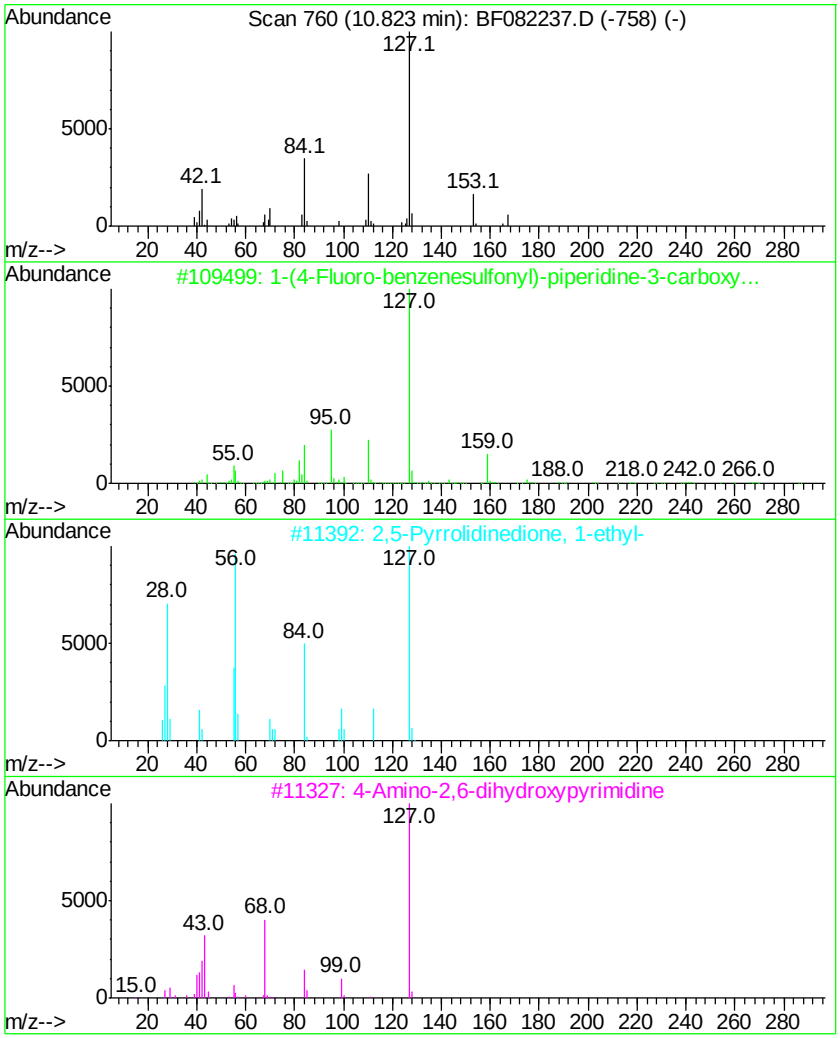
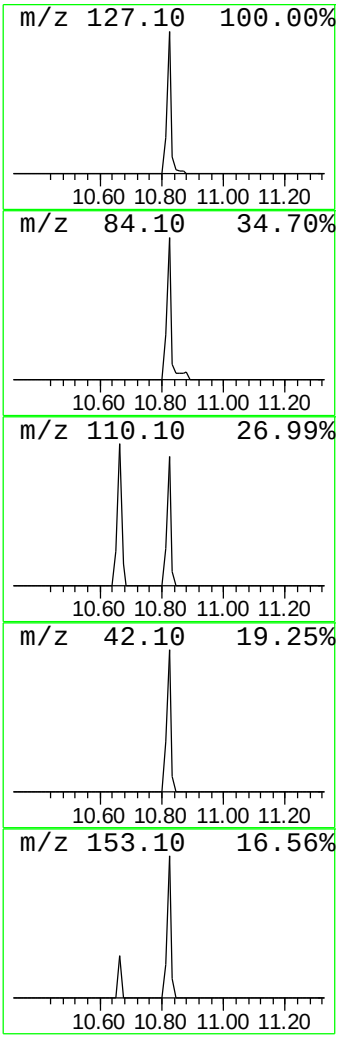
****

Peak Number 5 1-(4-Fluoro-benzenesulfonyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.25 ng	62297	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	53
2	2,5-Pyrrolidinedione, 1-ethyl-	127	C6H9NO2	002314-78-5	50
3	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	50
4	1-Methyl-3-nitropyrazole	127	C4H5N3O2	054210-32-1	49
5	2-Thiophenecarboxaldehyde, oxime	127	C5H5NOS	029683-84-9	47





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Instrument : BNA_F
ClientSampleId : TE-PMW(40)

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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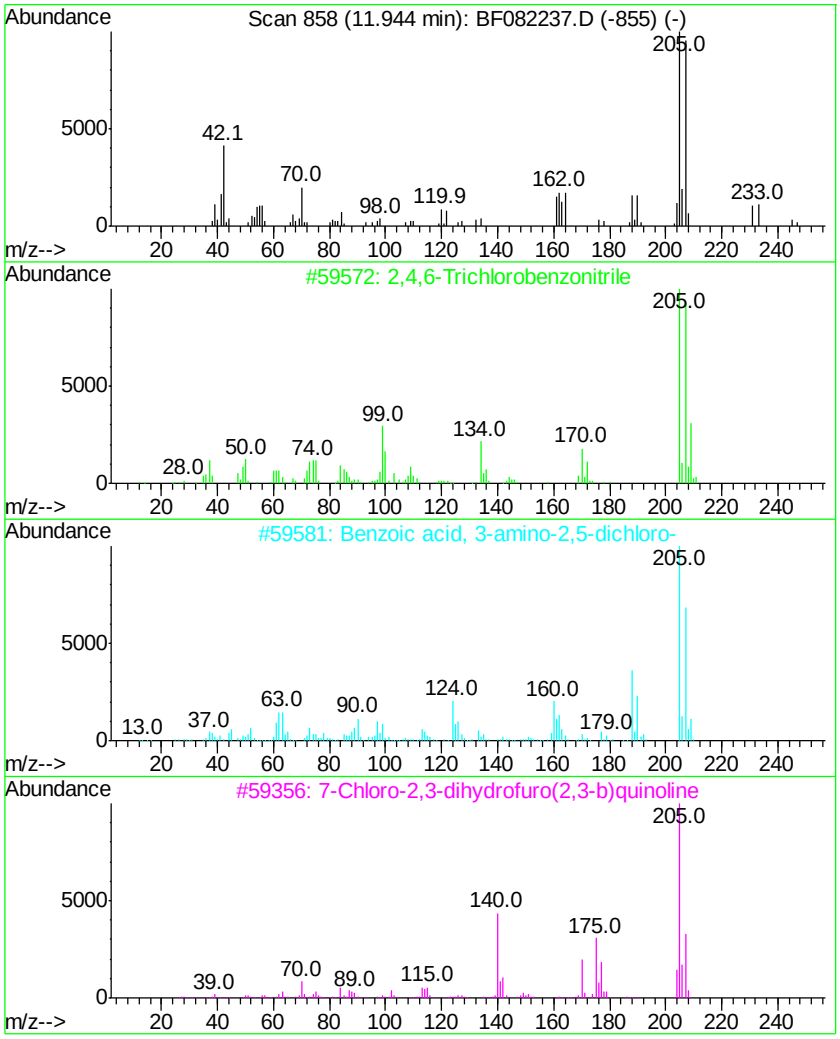
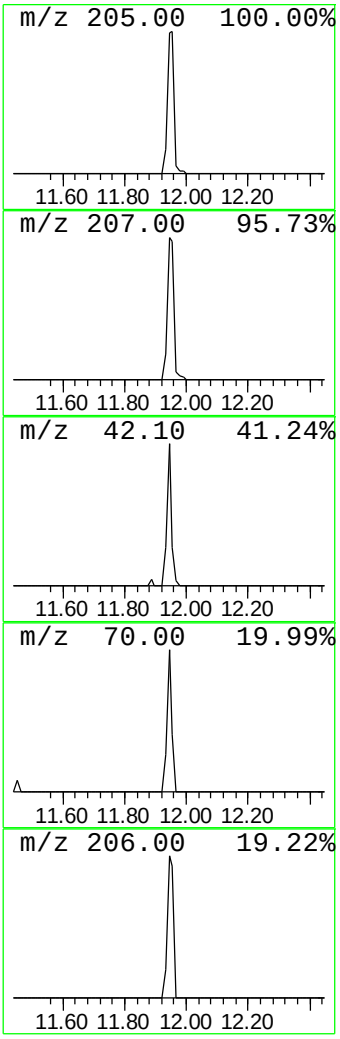
Peak Number 6 2,4,6-Trichlorobenzonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.98 ng	165719	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trichlorobenzonitrile	205	C7H2Cl3N	006575-05-9	47
2	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	46
3	7-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	064124-91-0	38
4	1,2,3,6-Tetrahydropyridine, 4-[4...	205	C12H15NO2	090684-19-8	27
5	8-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	095322-67-1	25





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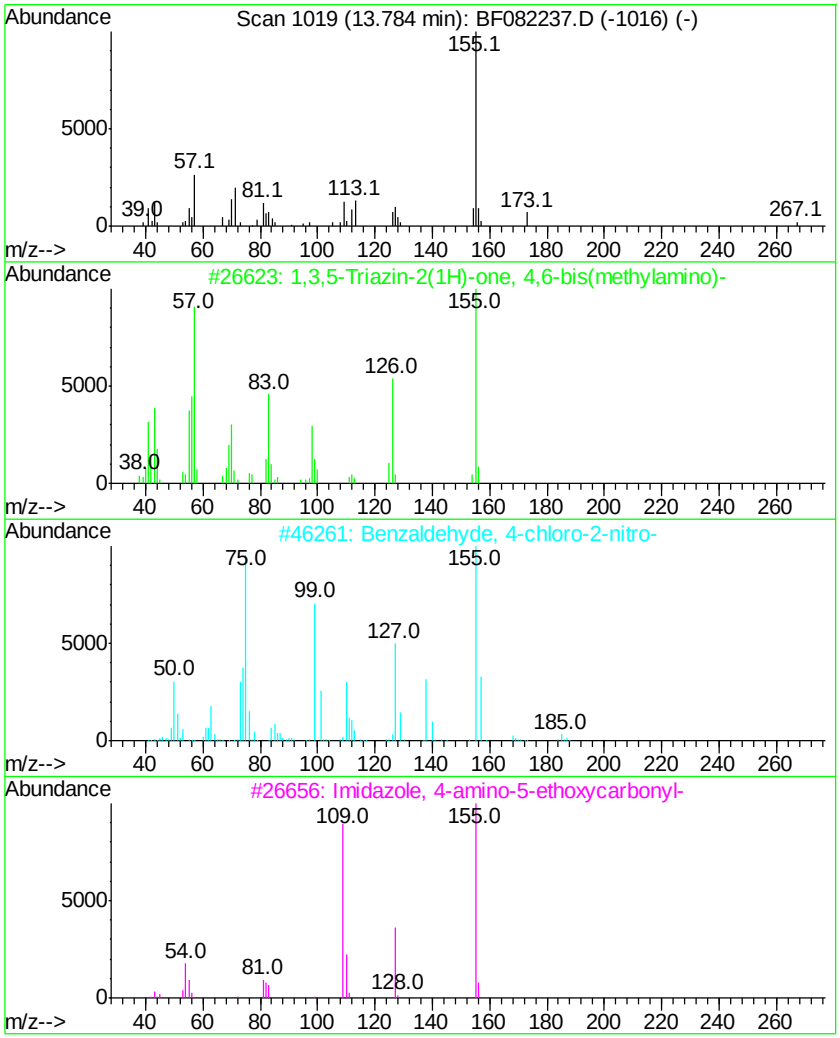
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

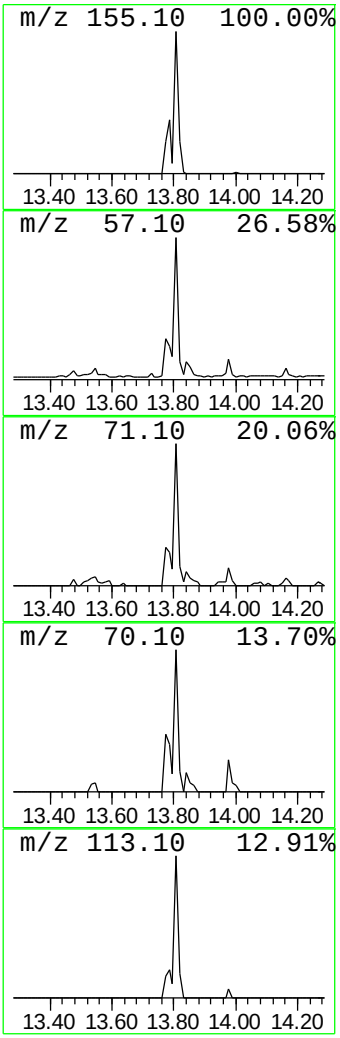
****

Peak Number 7 1,3,5-Triazin-2(1H)-one, 4,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.88 ng	94727	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2(1H)-one, 4,6-bis...	155	C5H9N5O	055702-52-8	50
2	Benzaldehyde, 4-chloro-2-nitro-	185	C7H4ClNO3	005551-11-1	43
3	Imidazole, 4-amino-5-ethoxycarbo...	155	C6H9N3O2	021190-16-9	43
4	4-Pyrimidinamine, 5-methyl-2-(me...	155	C6H9N3S	054308-64-4	38
5	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	37





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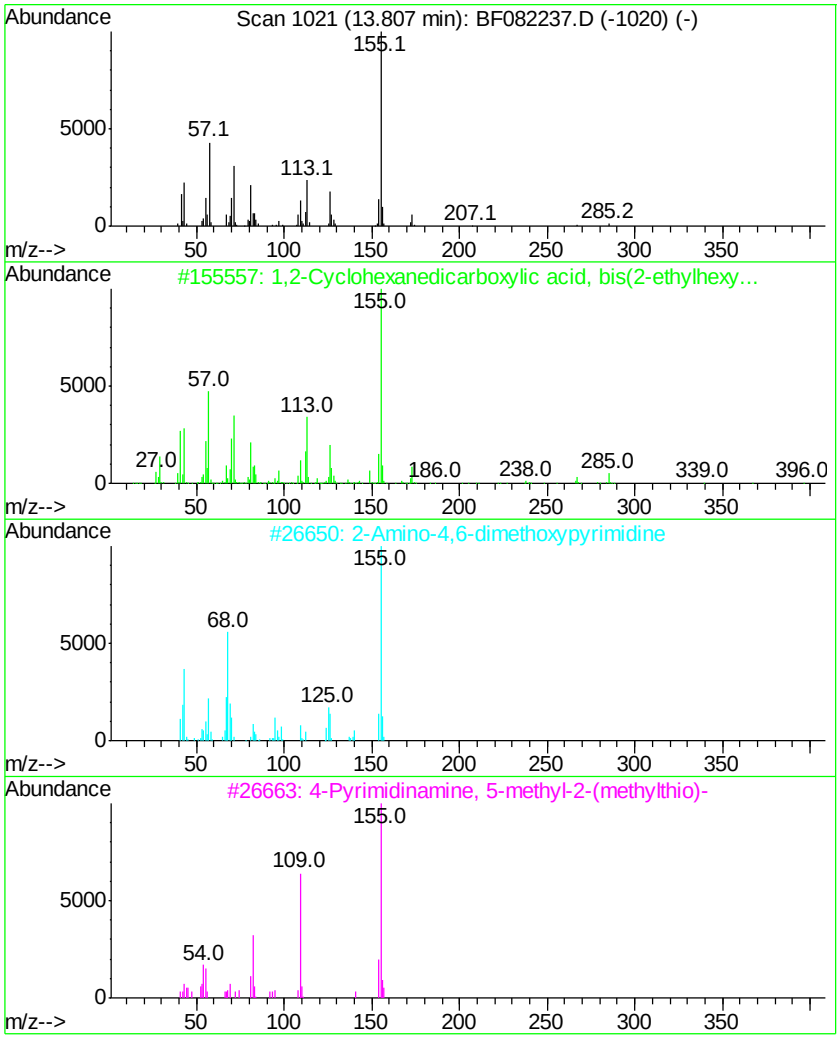
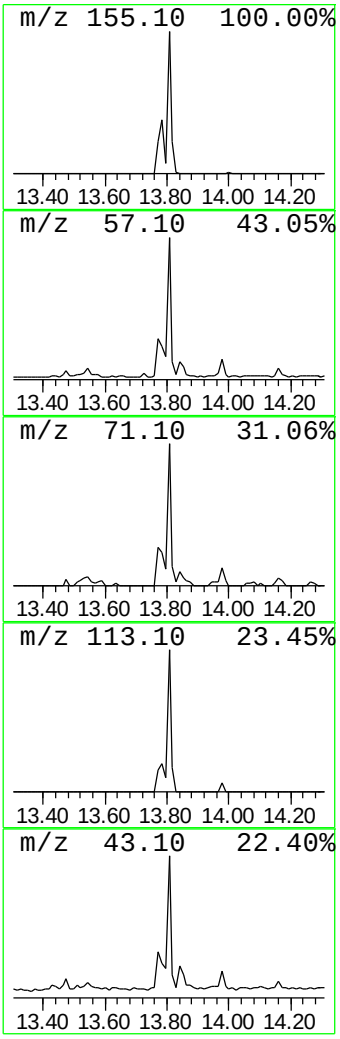
****

Peak Number 8 1,2-Cyclohexanedicarboxylic... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	5.24 ng	172502	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedicarboxylic acid...	396	C24H44O4	000084-71-9	91
2	2-Amino-4,6-dimethoxypyrimidine	155	C6H9N3O2	036315-01-2	47
3	4-Pyrimidinamine, 5-methyl-2-(me...	155	C6H9N3S	054308-64-4	43
4	Butanal, dibutylhydrazone	198	C12H26N2	067660-51-9	38
5	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	37





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
Trichloroethylene	2.26	8.9	ng	140482	1	6.83	316435	20.0
2-Pentanone, 4-hy...	4.99	21.7	ng	343289	1	6.83	316435	20.0
3-Chloro-6-fluoro...	6.59	87.5	ng	1384770	1	6.83	316435	20.0
1,4-Dichlorobenze...	6.98	89.6	ng	1418130	1	6.83	316435	20.0
1-(4-Fluoro-benze...	10.82	2.2	ng	62297	4	11.36	553870	20.0
2,4,6-Trichlorobe...	11.94	6.0	ng	165719	4	11.36	553870	20.0
1,3,5-Triazin-2(1...	13.78	2.9	ng	94727	5	14.00	658905	20.0
1,2-Cyclohexanedi...	13.81	5.2	ng	172502	5	14.00	658905	20.0