LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081682.D
Acq On : 17 Sep 2015 17:02
Operator : UM/IZ
Sample : G3669-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-91415-WATER

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-BF090115.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	1.281	11	17	19	rBV	3123735	4300026	18.64%	10.067%
2	1.441	29	31	37	rBV	141512	360930	1.56%	0.845%
3	1.533	37	39	80	rVB	465334	1731269	7.51%	4.053%
4	4.733	291	319	321	rBV	2194375	23067044	100.00%	54.002%
5	5.362	371	374	392	rBV	277045	607147	2.63%	1.421%
6	7.590	566	569	574	rBV	231242	492901	2.14%	1.154%
7	7.682	574	577	586	rVV	339035	741179	3.21%	1.735%
8	8.173	617	620	626	rVB	187636	308660	1.34%	0.723%
9	8.505	644	649	652	rBV	702463	1297316	5.62%	3.037%
10	8.733	666	669	676	rBB	157300	253902	1.10%	0.594%
11	9.476	729	734	740	rBV	553425	1075632	4.66%	2.518%
12	11.065	869	873	875	rBV	215397	432240	1.87%	1.012%
13	11.122	875	878	881	rVV	498578	882480	3.83%	2.066%
14	13.717	1099	1105	1108	rBV	1057749	1965526	8.52%	4.601%
15	15.191	1230	1234	1238	rBV2	222138	419514	1.82%	0.982%
16	16.848	1375	1379	1381	rBV	161187	323881	1.40%	0.758%
17	16.906	1381	1384	1387	rVB	449513	734756	3.19%	1.720%
18	18.700	1537	1541	1544	rBV	272447	467303	2.03%	1.094%
19	18.860	1549	1555	1560	rVB	200299	365040	1.58%	0.855%
20	22.083	1833	1837	1839	rBV	1433858	2144856	9.30%	5.021%
21	23.352	1945	1948	1950	rBV	331493	436284	1.89%	1.021%
22	24.781	2071	2073	2076	rBV	260171	307201	1.33%	0.719%

Sum of corrected areas: 42715087

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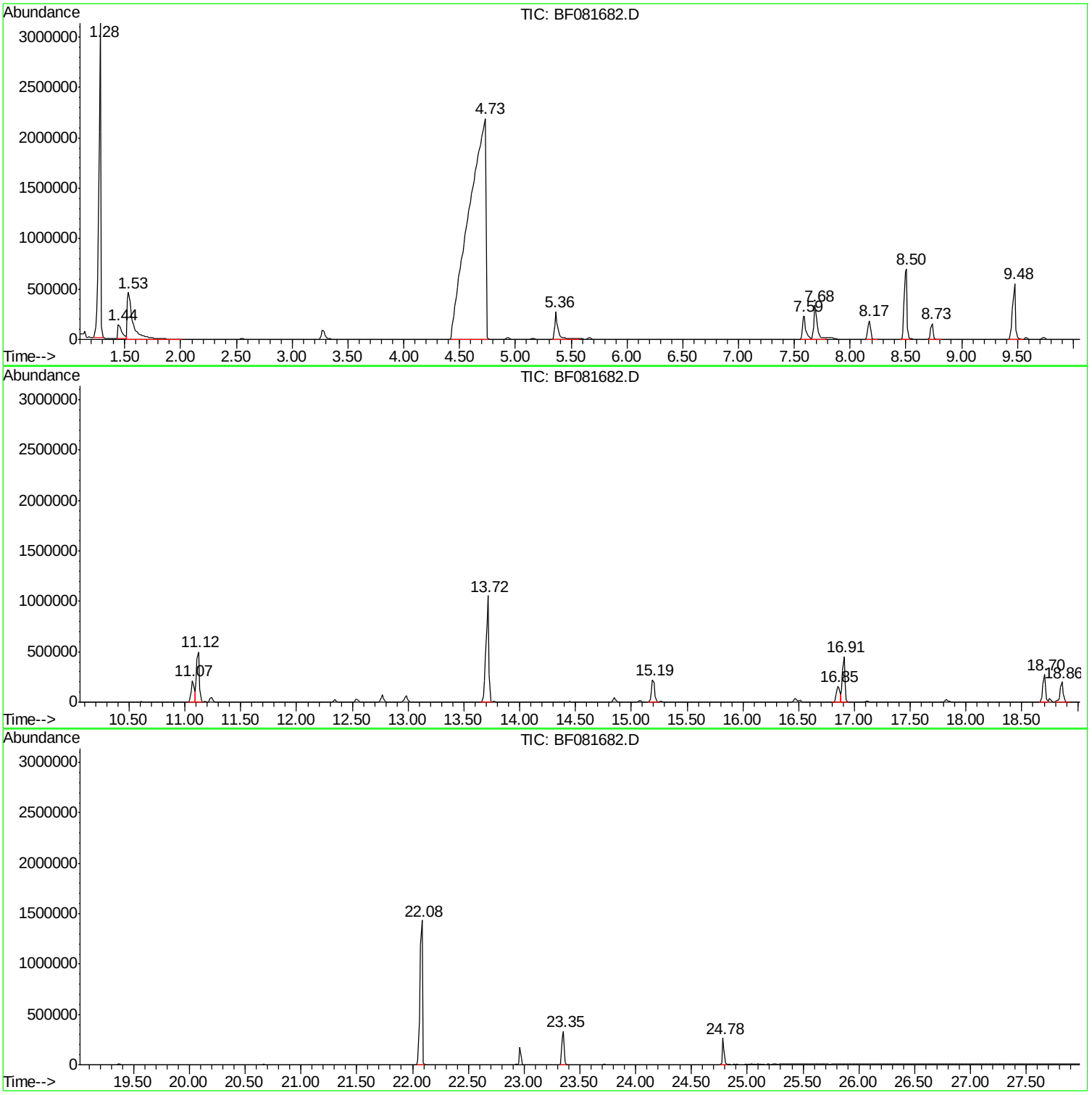
Sample : G3669-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF091715\
Data File : BF081682.D
Acq On : 17 Sep 2015 17:02
Operator : UM/IZ
Sample : G3669-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-91415-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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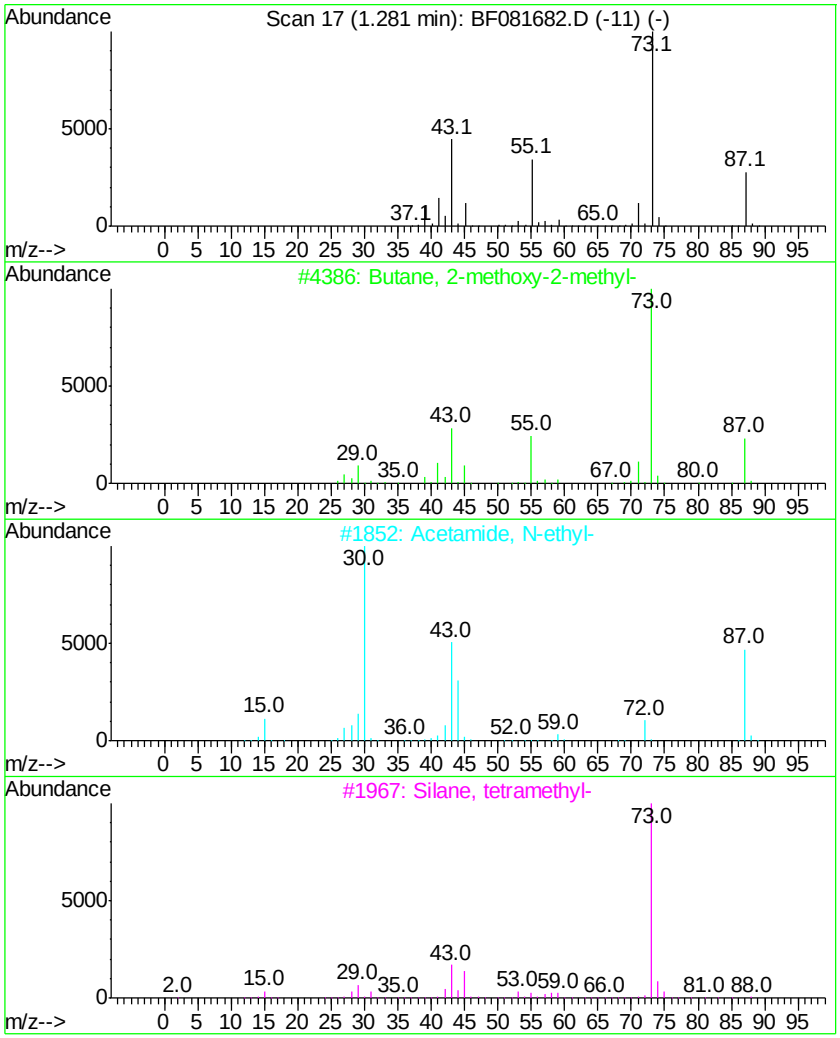
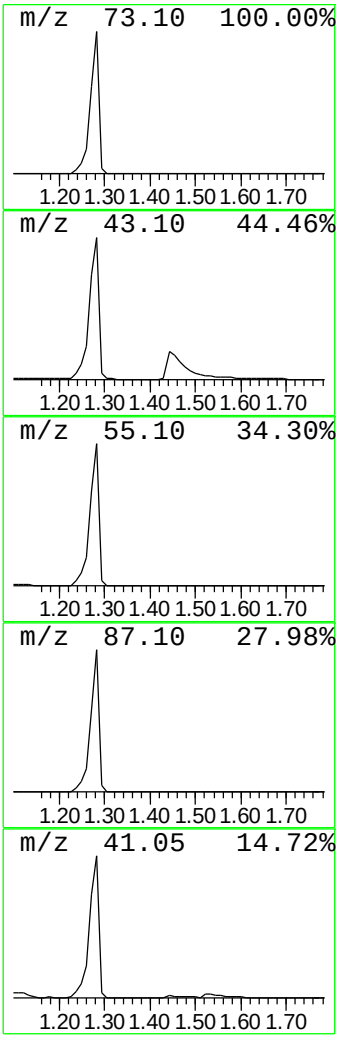
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	278.63 ng	4300030	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081682.D
Acq On : 17 Sep 2015 17:02
Operator : UM/IZ
Sample : G3669-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-91415-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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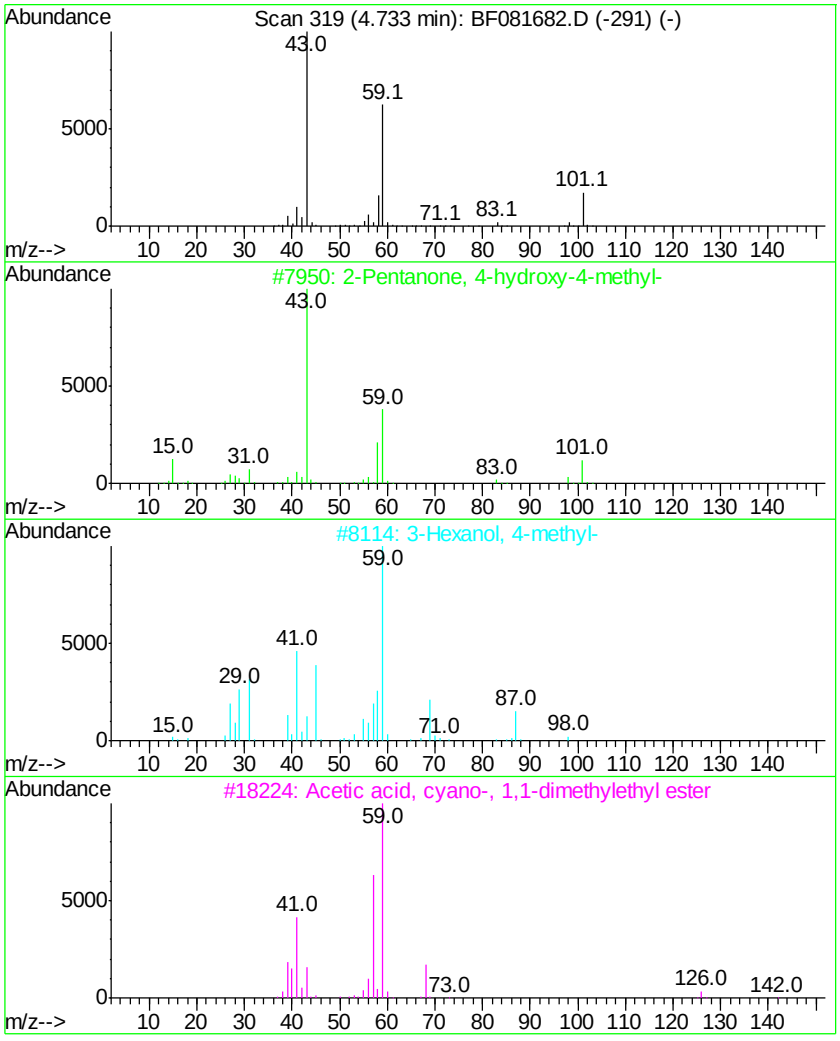
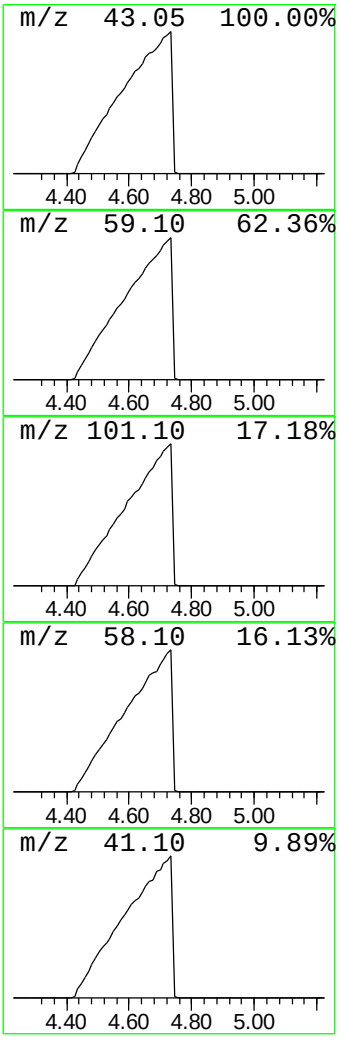
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	1494.66 ng	23067000	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081682.D
Acq On : 17 Sep 2015 17:02
Operator : UM/IZ
Sample : G3669-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-91415-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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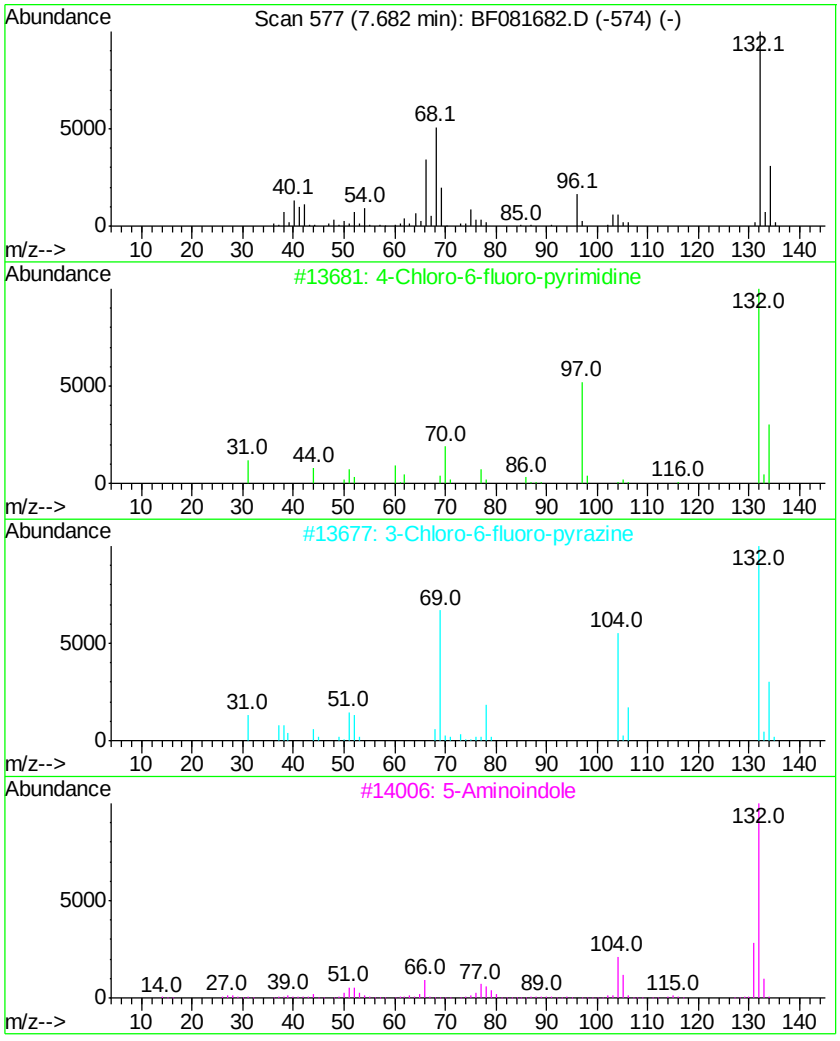
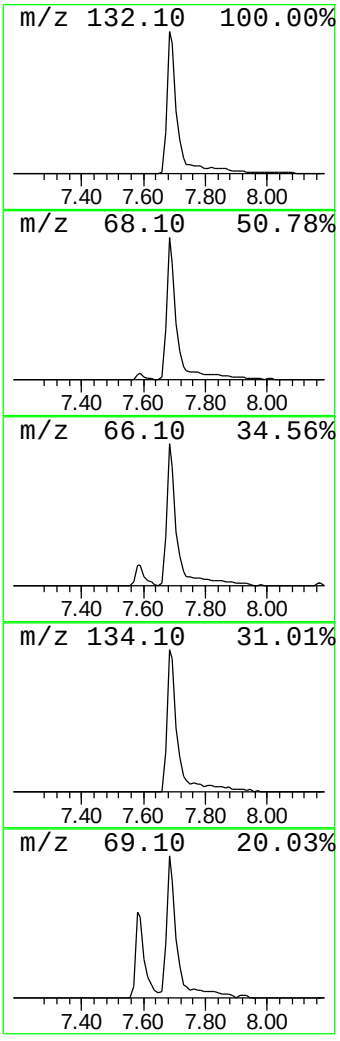
Peak Number 5 unknown7.68 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	48.03 ng	741179	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Data File : BF081682.D
Acq On : 17 Sep 2015 17:02
Operator : UM/IZ
Sample : G3669-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-91415-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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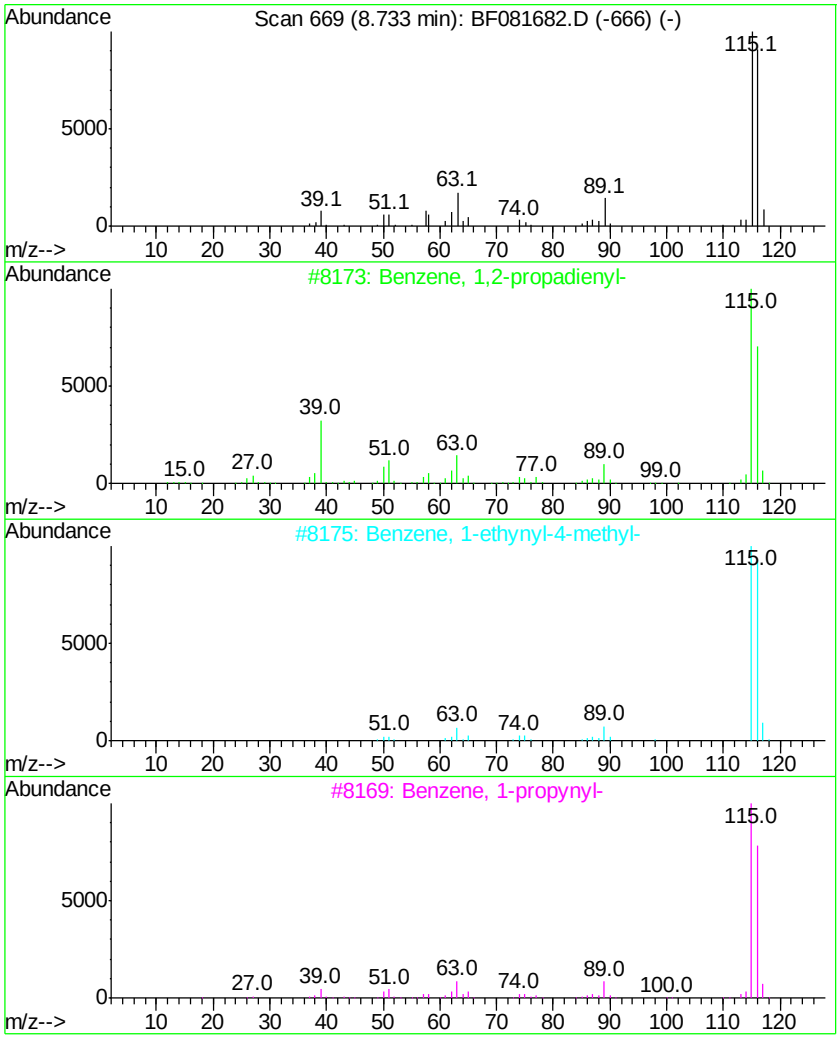
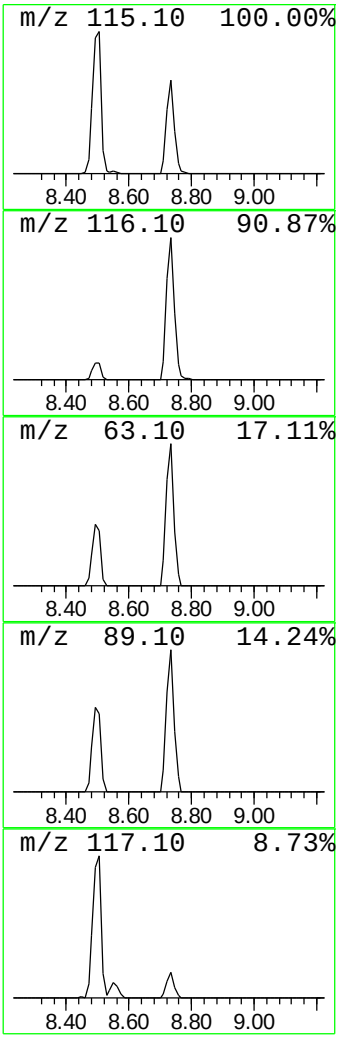
Peak Number 7 Benzene, 1,2-propadienyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	16.45 ng	253902	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Indene	116	C9H8	000095-13-6	91
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081682.D
Acq On : 17 Sep 2015 17:02
Operator : UM/IZ
Sample : G3669-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-91415-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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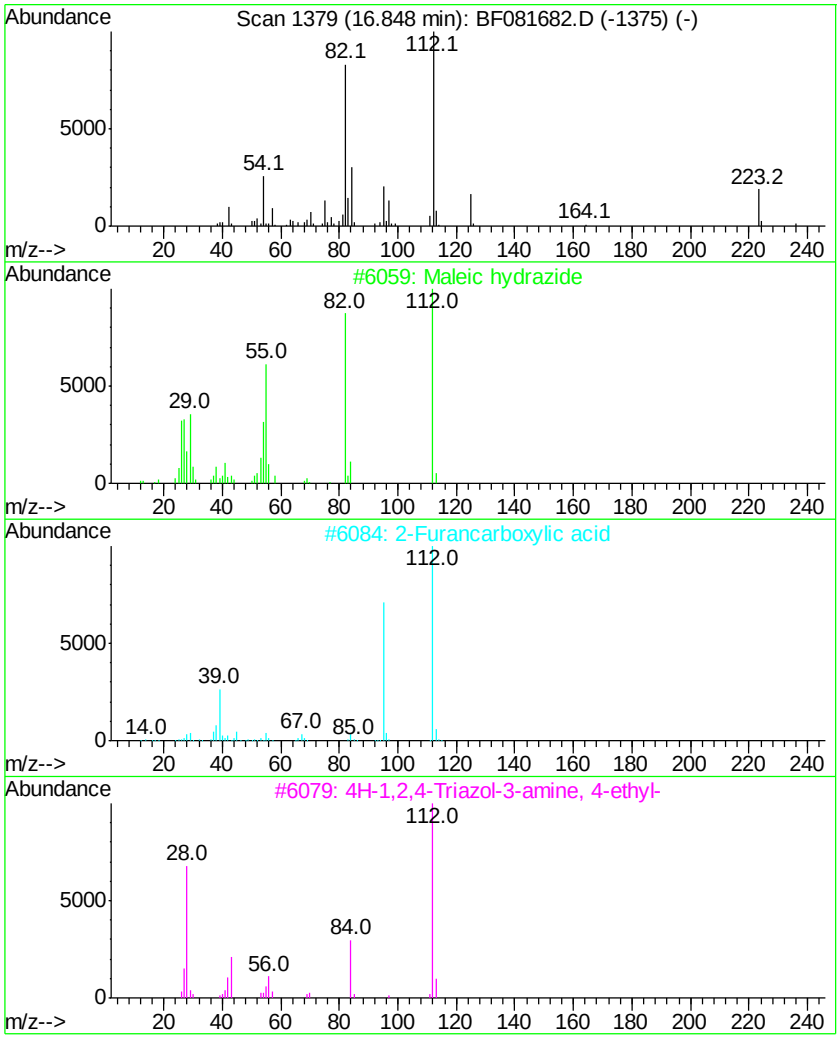
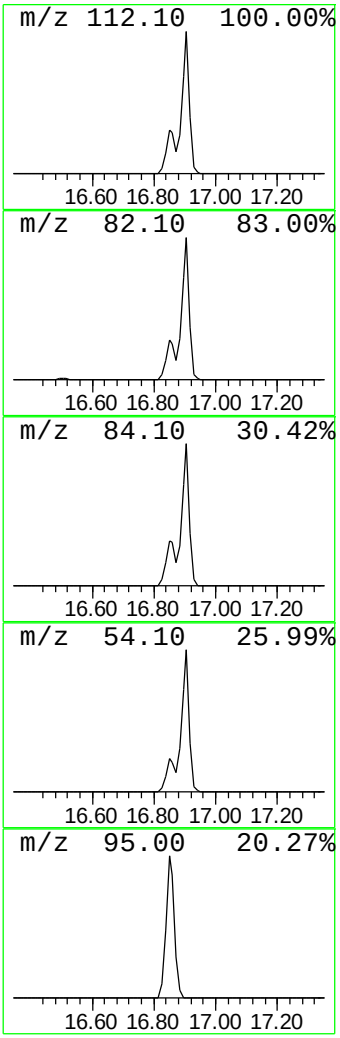
Peak Number 8 Maleic hydrazide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	15.44 ng	323881	Acenaphthene-d10	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Maleic hydrazide	112	C4H4N2O2	000123-33-1	59
2	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	30
3	4H-1,2,4-Triazol-3-amine, 4-ethyl-	112	C4H8N4	042786-06-1	30
4	2-Hydroxy-5-ethyl-5-methylcyclop...	140	C8H12O2	053263-57-3	27
5	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
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Operator : UM/IZ
Sample : G3669-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-91415-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

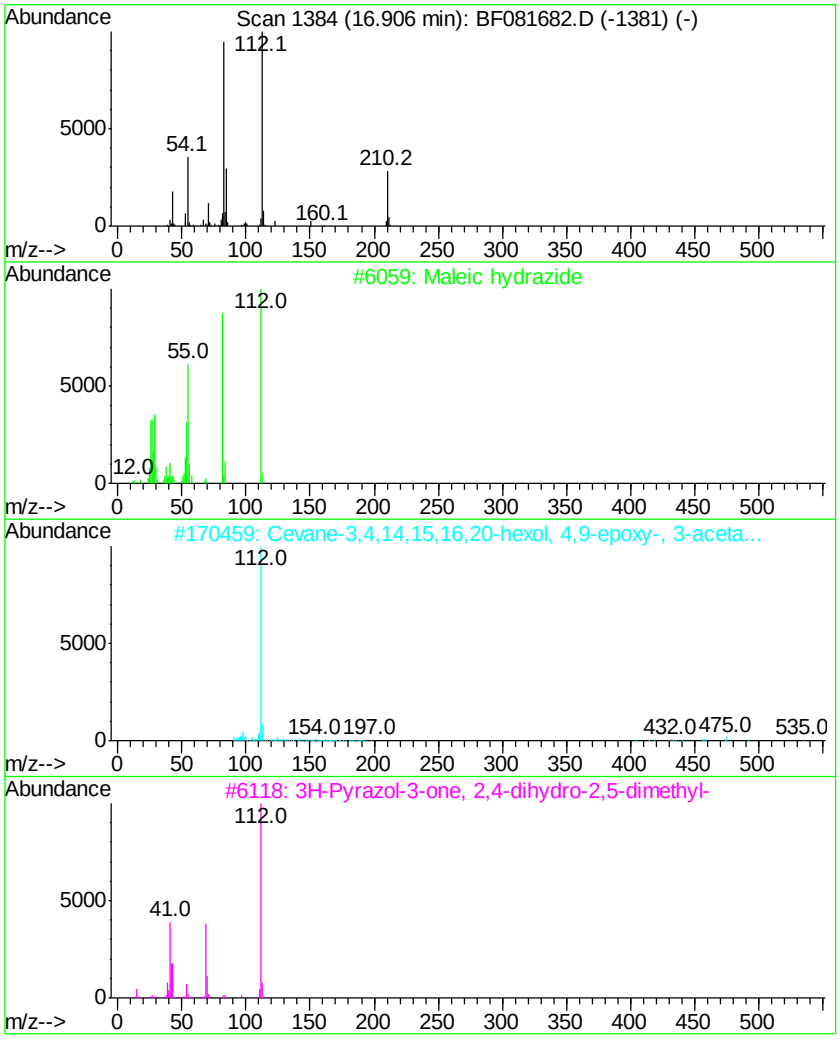
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

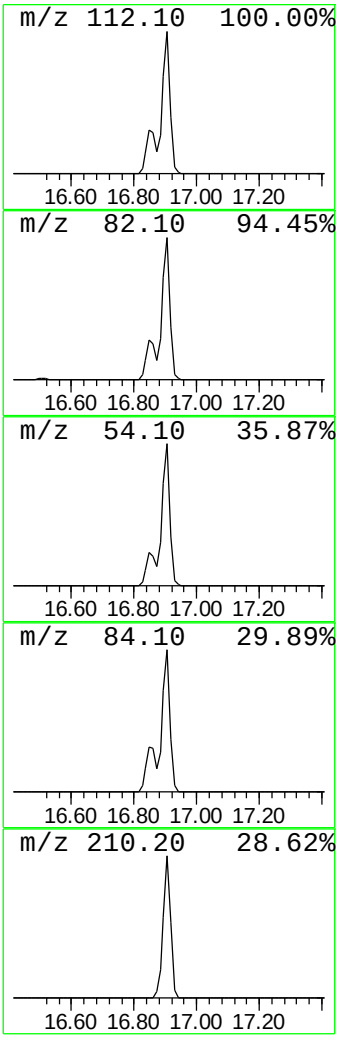
****

Peak Number 9 unknown16.91 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	35.03 ng	734756	Acenaphthene-d10	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Maleic hydrazide	112	C4H4N2O2	000123-33-1	59
2	Cevane-3,4,14,15,16,20-hexol, 4,...	535	C29H45NO8	002777-79-9	38
3	3H-Pyrazol-3-one, 2,4-dihydro-2,...	112	C5H8N2O	002749-59-9	35
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	27
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	27





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Acq On : 17 Sep 2015 17:02
Operator : UM/IZ
Sample : G3669-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-91415-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

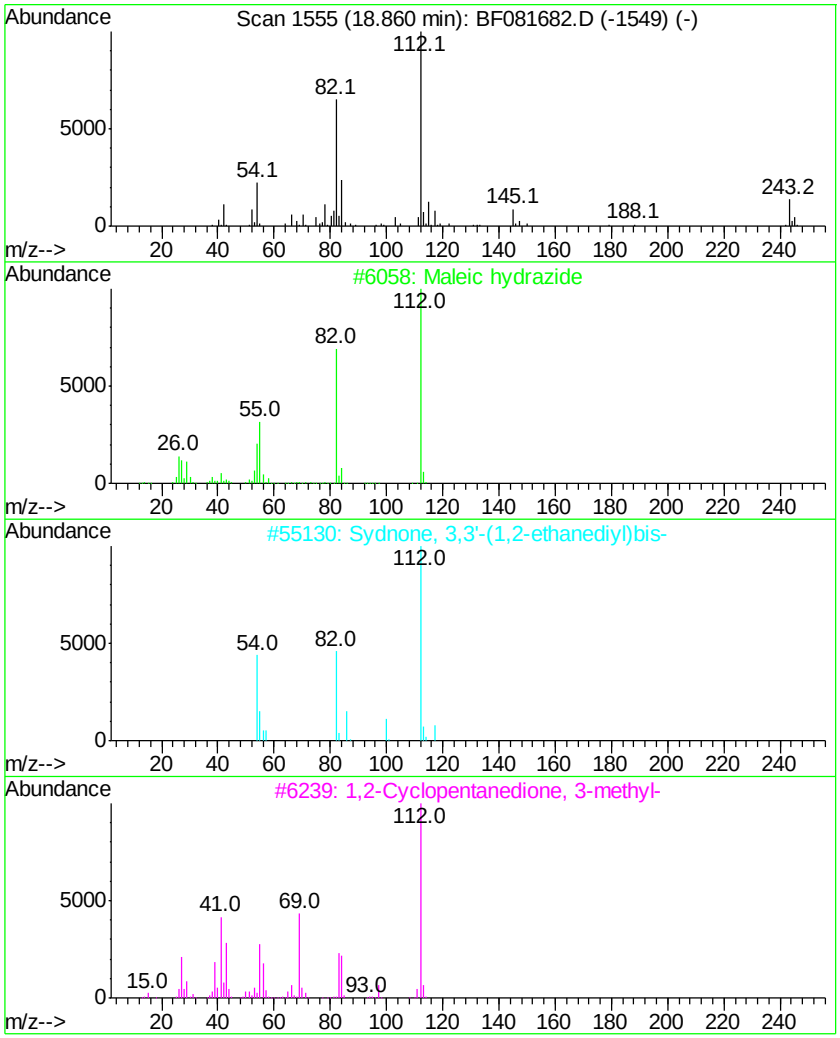
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

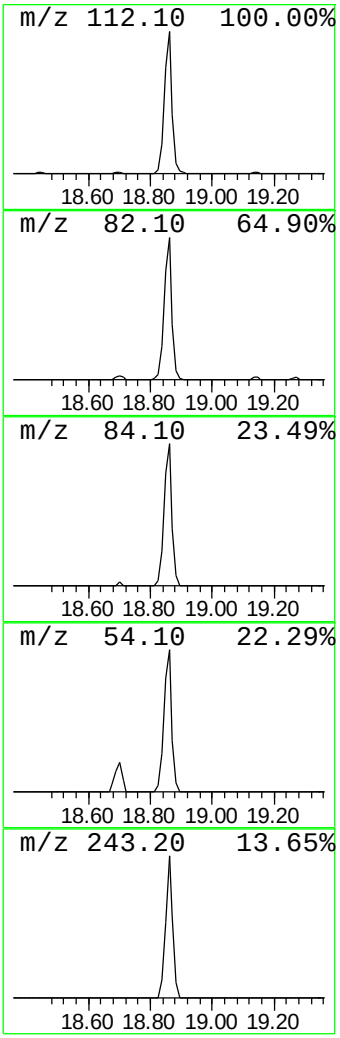
****

Peak Number 10 Sydnone, 3,3'-(1,2-ethanedi... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	15.62 ng	365040	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Maleic hydrazide	112	C4H4N2O2	000123-33-1	53
2	Sydnone, 3,3'-(1,2-ethanediyl)bis-	198	C6H6N4O4	007403-61-4	53
3	1,2-Cyclopentanedione, 3-methyl-	112	C6H8O2	000765-70-8	43
4	2-(N,N-Bis(2-chloroethyl)amino)m...	265	C9H13Cl2N3O2	014628-36-5	40
5	4H-1,2,4-Triazol-3-amine, 4-ethyl-	112	C4H8N4	042786-06-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081682.D
Acq On : 17 Sep 2015 17:02
Operator : UM/IZ
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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
Butane, 2-methoxy...	1.28	278.6	ng	4300030	1	8.17	308660	20.0
2-Pentanone, 4-hy...	4.73	1494.7	ng	23067000	1	8.17	308660	20.0
unknown7.68	7.68	48.0	ng	741179	1	8.17	308660	20.0
Benzene, 1,2-prop...	8.73	16.4	ng	253902	1	8.17	308660	20.0
Maleic hydrazide	16.85	15.4	ng	323881	3	15.19	419514	20.0
unknown16.91	16.91	35.0	ng	734756	3	15.19	419514	20.0
Sydnone, 3,3'-(1,...	18.86	15.6	ng	365040	4	18.70	467303	20.0