LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079091.D
Acq On : 9 May 2015 20:25
Operator : TP/IZ
Sample : G2087-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-0-2

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-BF043015.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	1.244	3	5	8	rVB	887720	1505408	19.96%	3.810%
2	1.496	24	27	29	rVB	6161201	7542708	100.00%	19.088%
3	1.621	34	38	42	rVB	759782	1553160	20.59%	3.930%
4	1.747	48	49	52	rBV	629671	842786	11.17%	2.133%
5	1.804	52	54	58	rVV	246379	364339	4.83%	0.922%
6	1.873	58	60	84	rVB	3107008	5833658	77.34%	14.763%
7	2.158	84	85	112	rVB3	38179	171621	2.28%	0.434%
8	5.119	342	344	350	rVB	191947	224384	2.97%	0.568%
9	5.622	385	388	390	rBV	1949221	1986797	26.34%	5.028%
10	6.879	495	498	500	rBV	2254500	2127321	28.20%	5.383%
11	7.028	509	511	514	rBV	2119965	2048656	27.16%	5.184%
12	7.313	534	536	539	rBV	407943	506493	6.72%	1.282%
13	7.508	550	553	555	rBV	1649275	1611768	21.37%	4.079%
14	8.010	594	597	599	rBV	1432248	1293880	17.15%	3.274%
15	8.891	672	674	677	rBV	675362	689523	9.14%	1.745%
16	9.599	734	736	739	rBV	143982	122897	1.63%	0.311%
17	10.239	790	792	795	rVB	2623981	2407619	31.92%	6.093%
18	10.411	805	807	809	rVB	86645	101473	1.35%	0.257%
19	10.742	834	836	838	rVB	226371	197660	2.62%	0.500%
20	11.074	862	865	867	rBV	758655	795419	10.55%	2.013%
21	11.977	941	944	946	rBV	426599	539992	7.16%	1.367%
22	12.057	948	951	953	rBV	1193714	1542558	20.45%	3.904%
23	12.502	986	990	991	rBV	177849	231595	3.07%	0.586%
24	12.914	1024	1026	1030	rBV	823293	904779	12.00%	2.290%
25	13.165	1045	1048	1051	rBV	166496	192637	2.55%	0.487%
26	14.914	1198	1201	1204	rBV	2448942	2360200	31.29%	5.973%
27	16.114	1304	1306	1314	rBV	69197	145627	1.93%	0.369%
28	16.240	1314	1317	1319	rVV	616802	855350	11.34%	2.165%
29	18.080	1475	1478	1483	rBV	614047	816027	10.82%	2.065%

Sum of corrected areas: 39516335

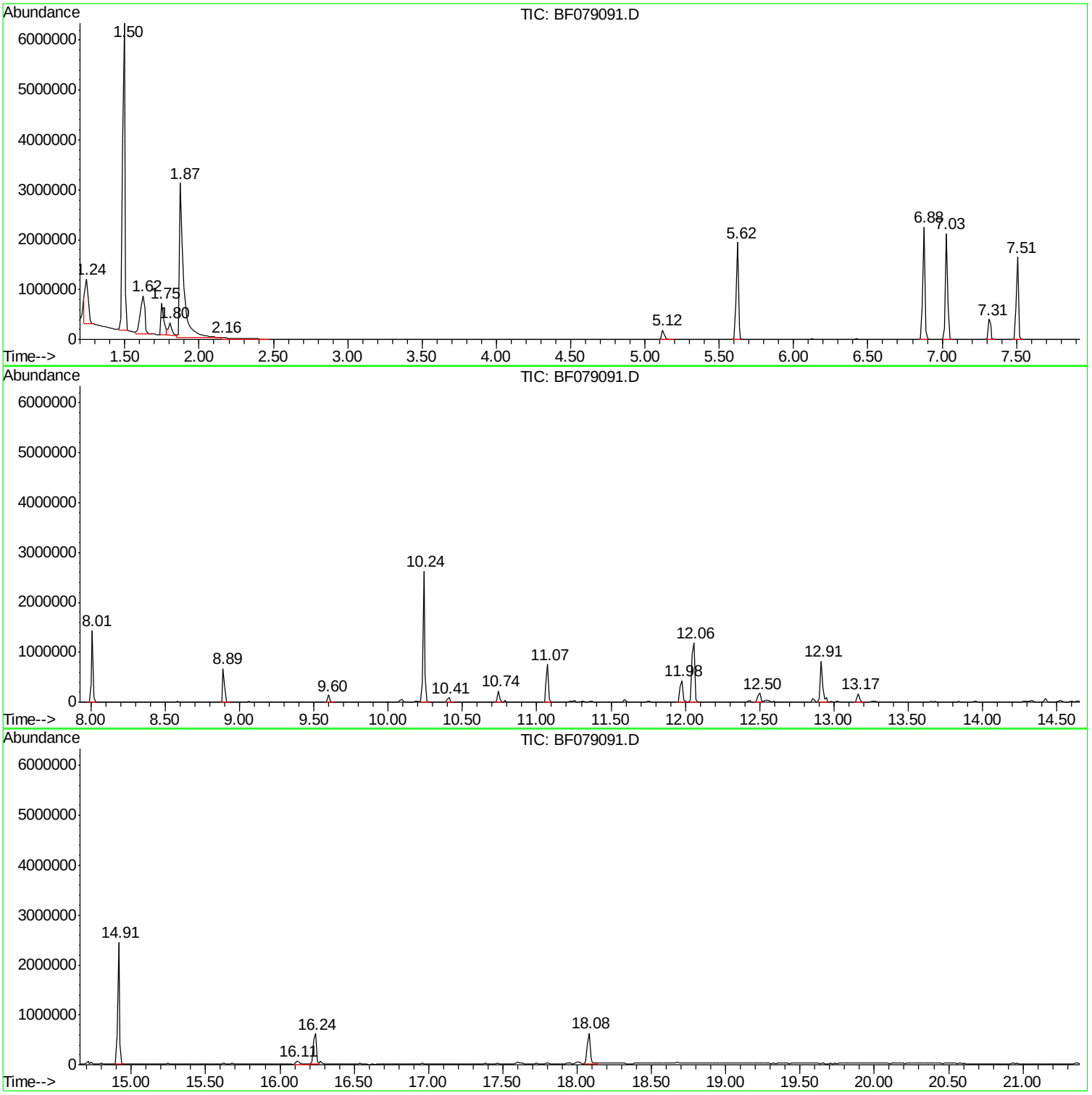
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079091.D
Acq On : 9 May 2015 20:25
Operator : TP/IZ
Sample : G2087-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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

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Misc :
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Instrument : BNA_F
ClientSampleId : B5-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

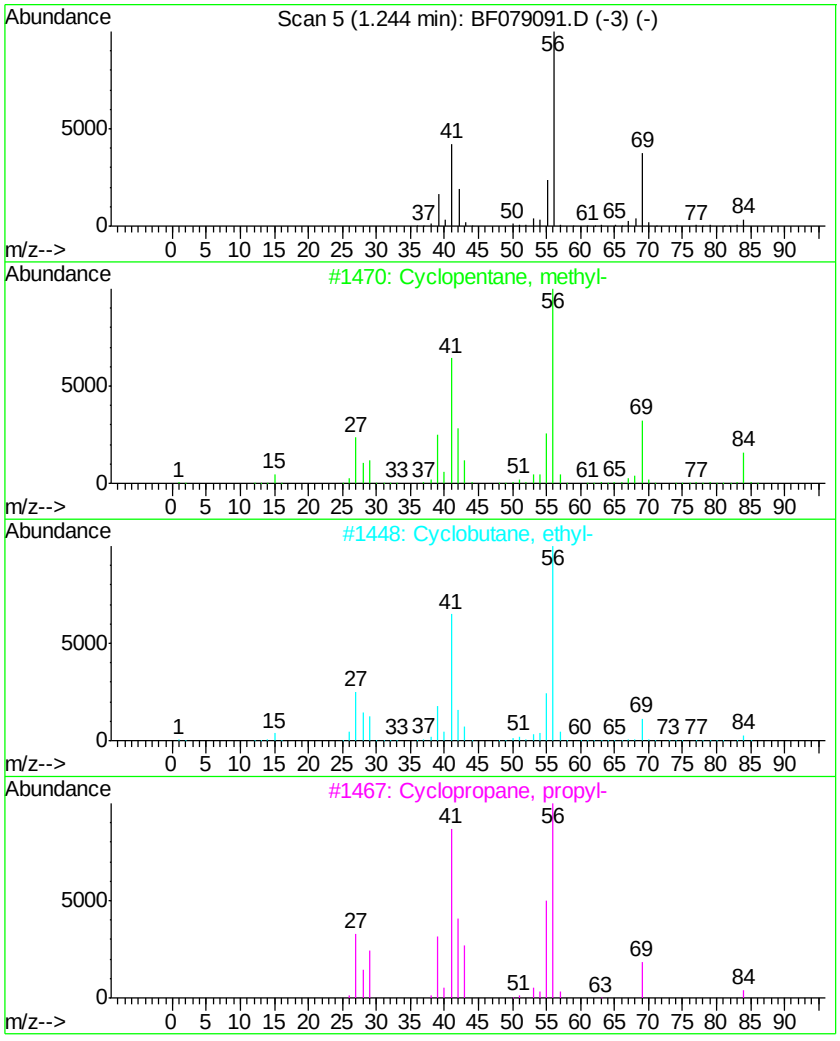
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

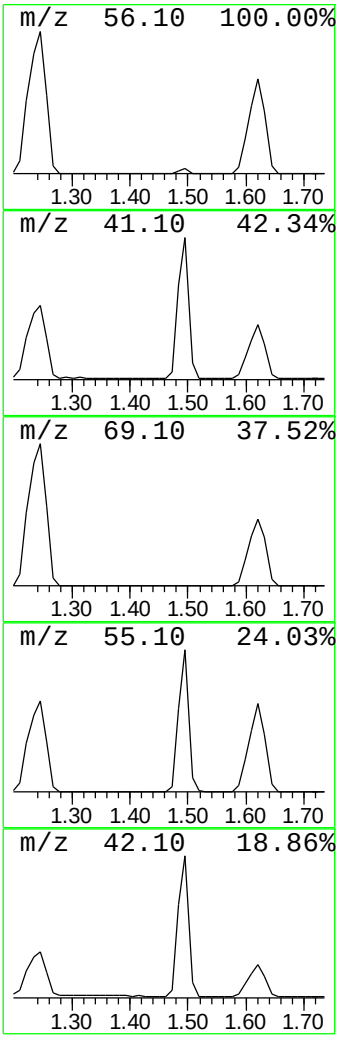
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.24	59.44 ng	1505410	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	47
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	28
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	9





Library Search Compound Report

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Data File : BF079091.D
Acq On : 9 May 2015 20:25
Operator : TP/IZ
Sample : G2087-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

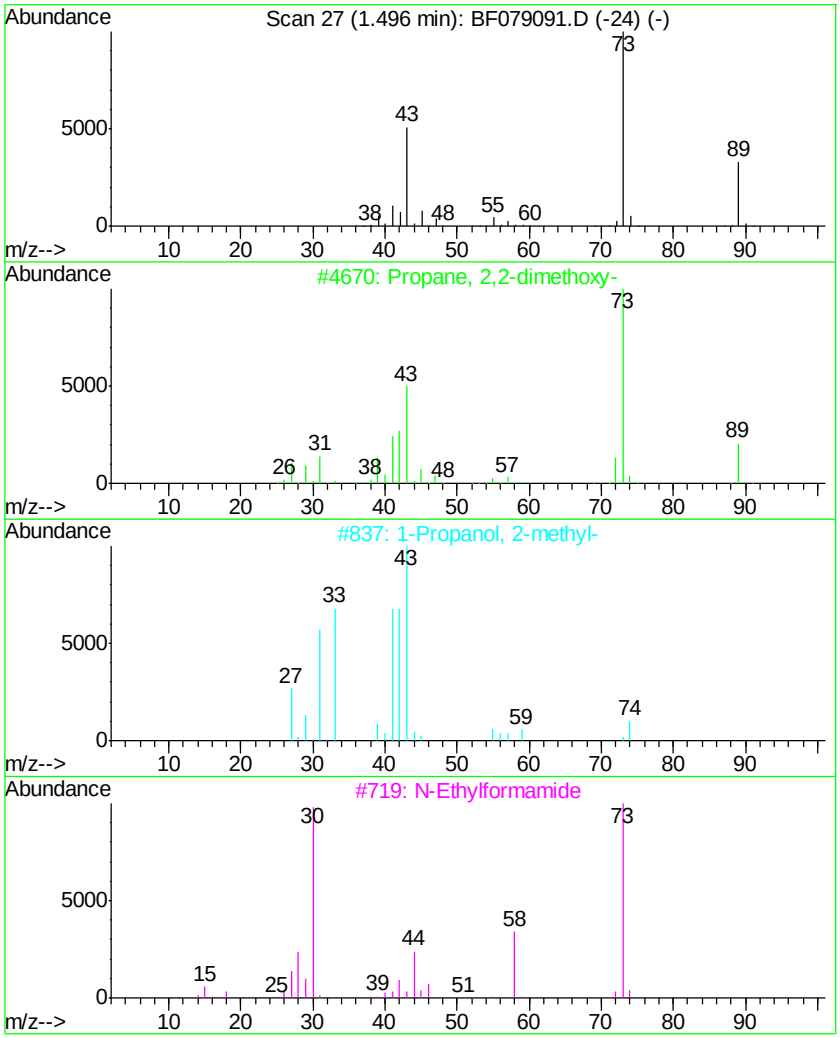
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

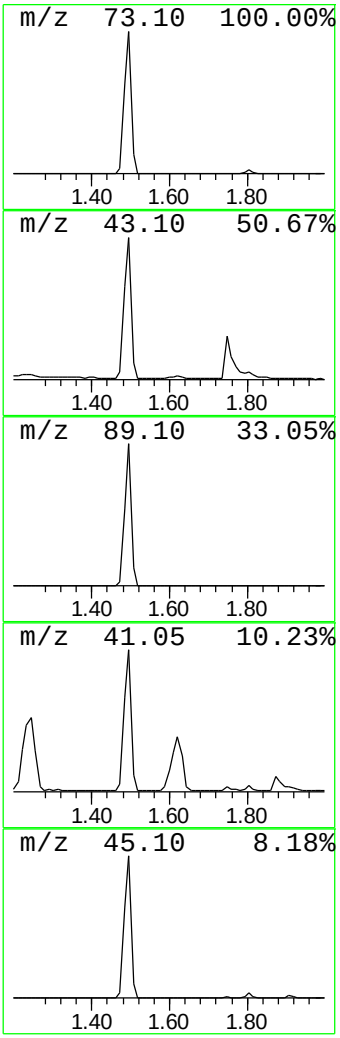
****

Peak Number 2 unknown1.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	297.84 ng	7542710	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Data File : BF079091.D
Acq On : 9 May 2015 20:25
Operator : TP/IZ
Sample : G2087-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

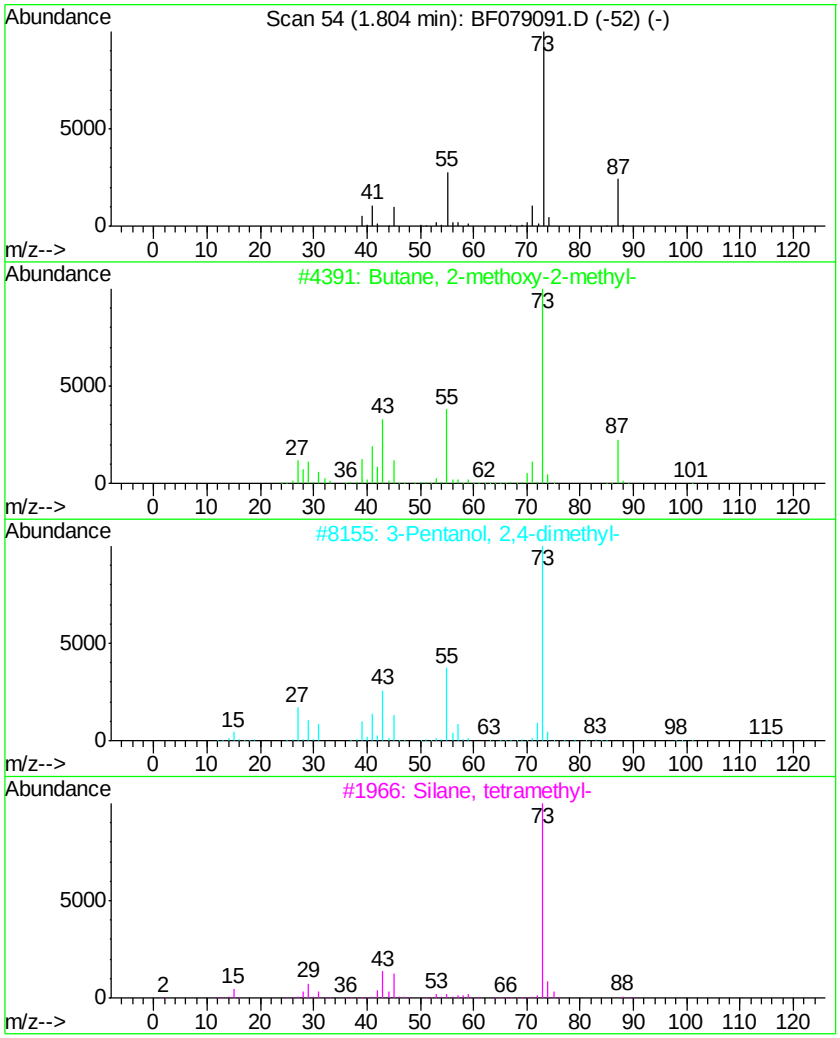
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

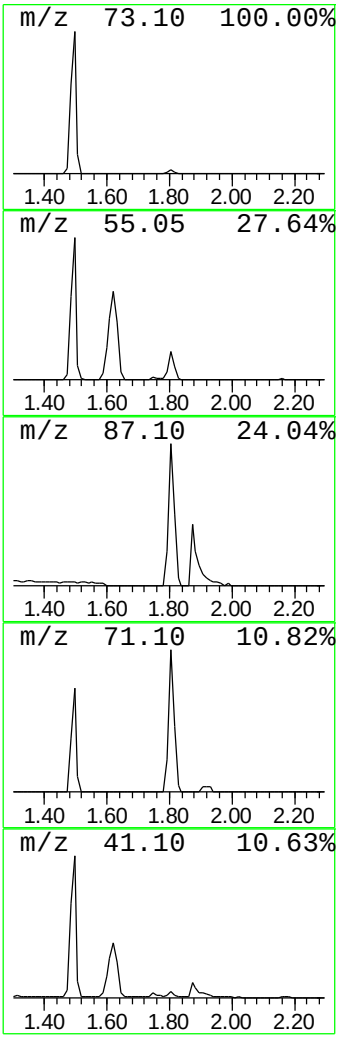
****

Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	14.39 ng	364339	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
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Acq On : 9 May 2015 20:25
Operator : TP/IZ
Sample : G2087-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

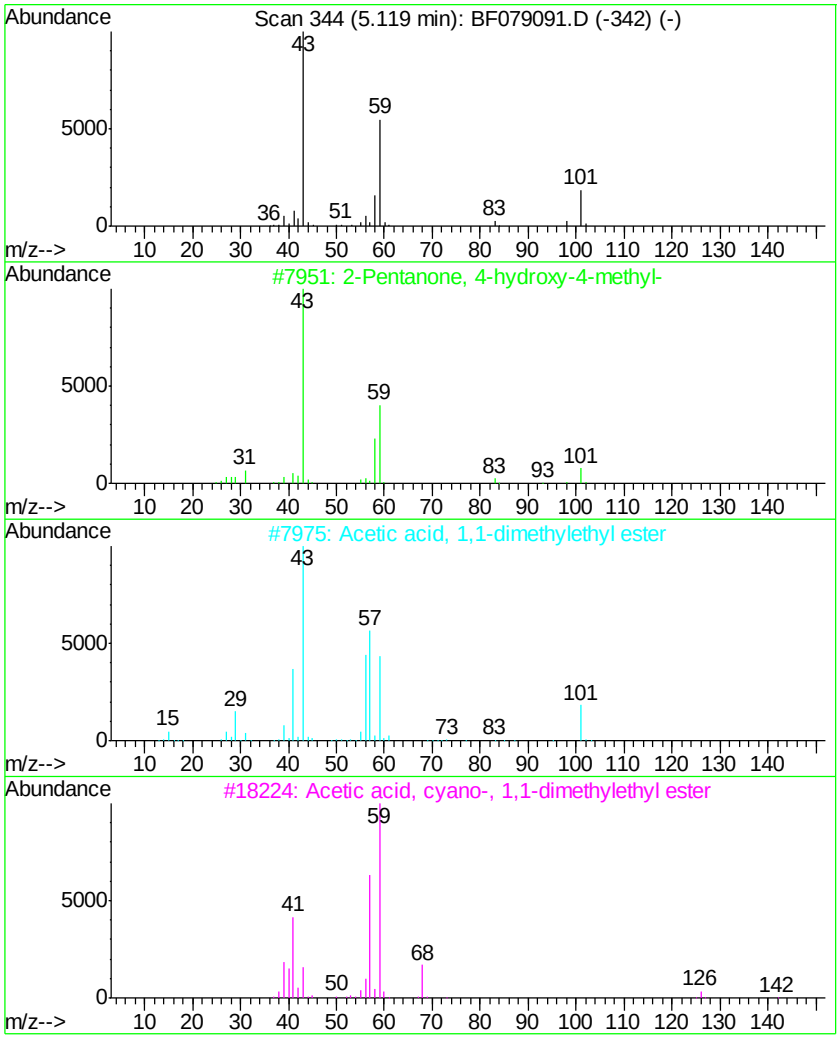
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

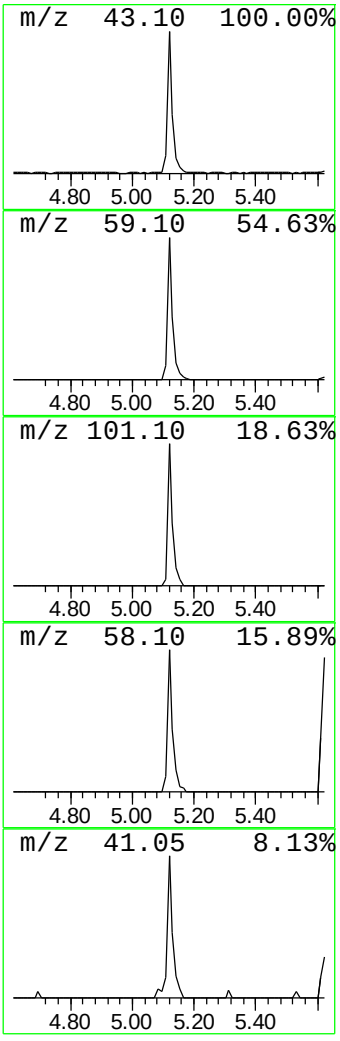
****

Peak Number 8 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	8.86 ng	224384	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
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	37
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079091.D
Acq On : 9 May 2015 20:25
Operator : TP/IZ
Sample : G2087-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

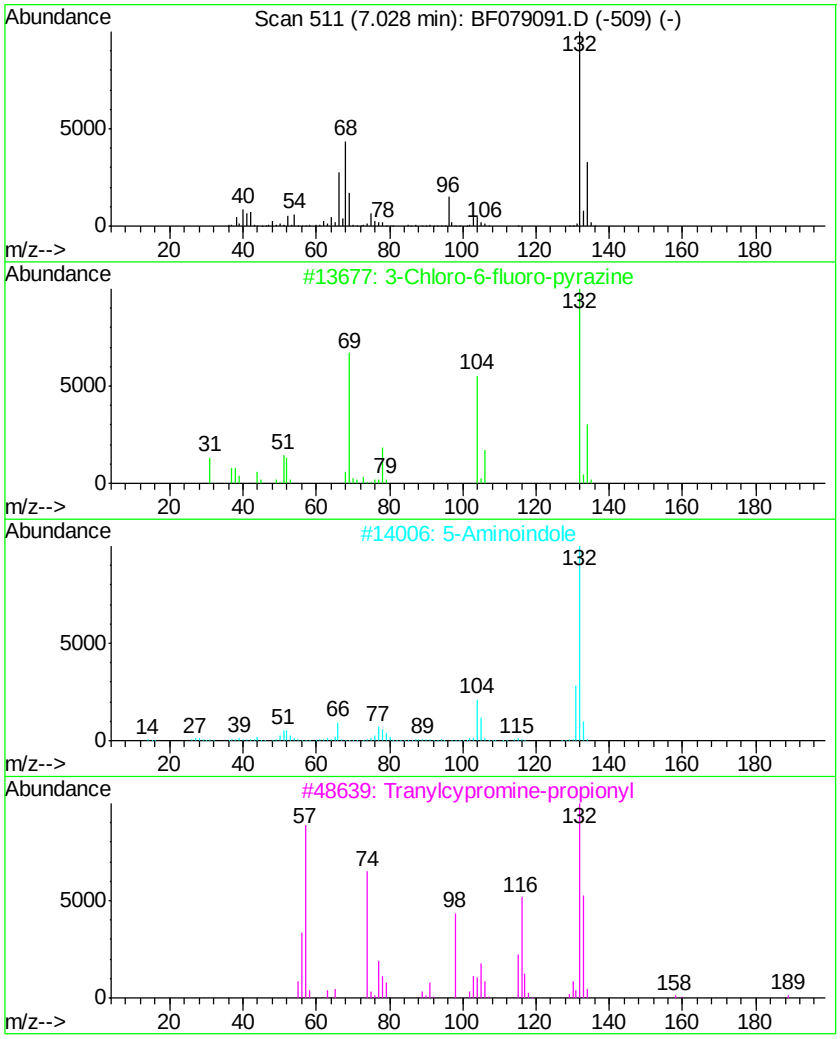
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

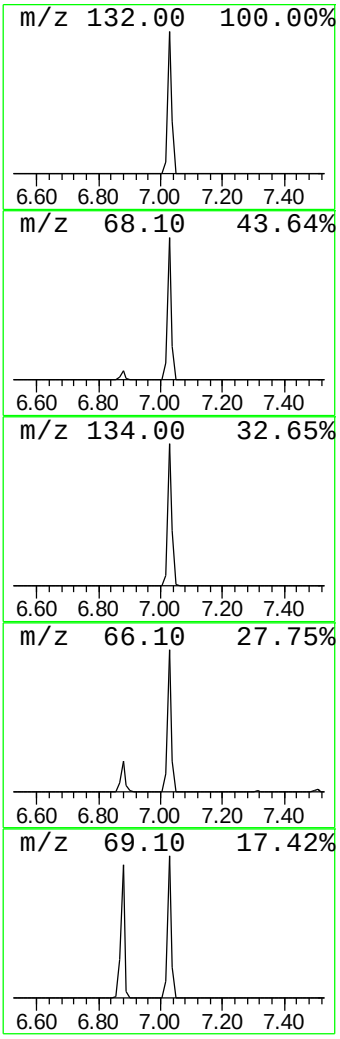
****

Peak Number 9 unknown7.03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	80.90 ng	2048660	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079091.D
Acq On : 9 May 2015 20:25
Operator : TP/IZ
Sample : G2087-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

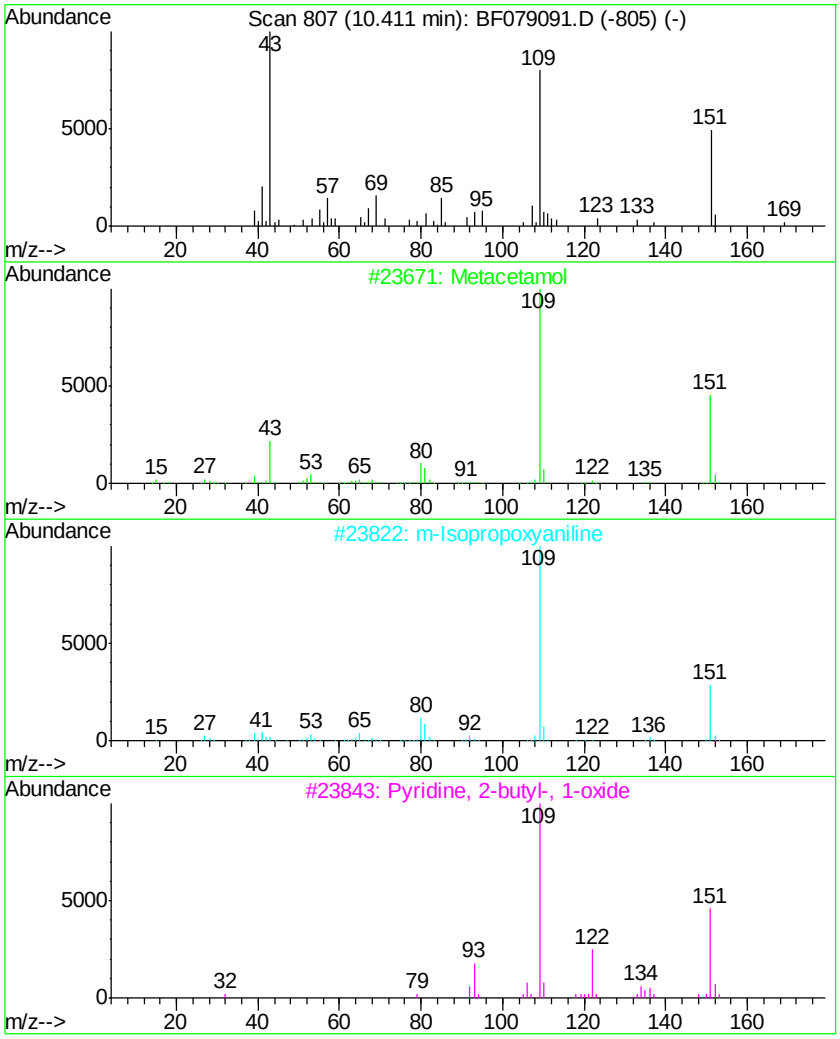
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

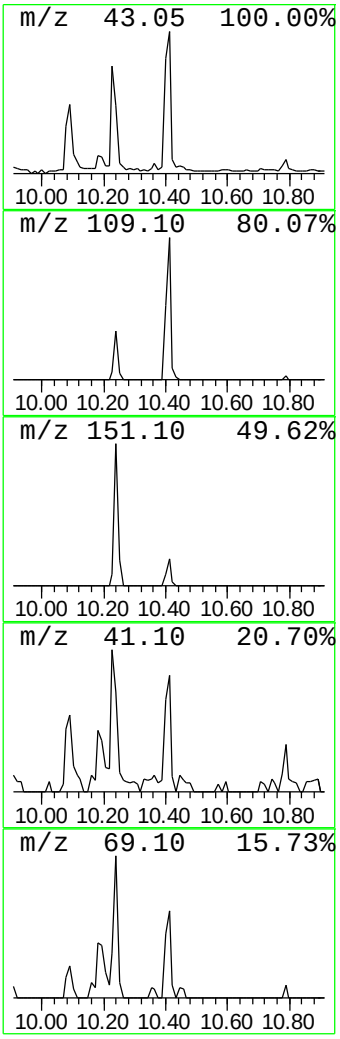
****

Peak Number 12 Metacetamol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.55 ng	101473	Acenaphthene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	64
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	64
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
4	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43
5	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	38





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Sample : G2087-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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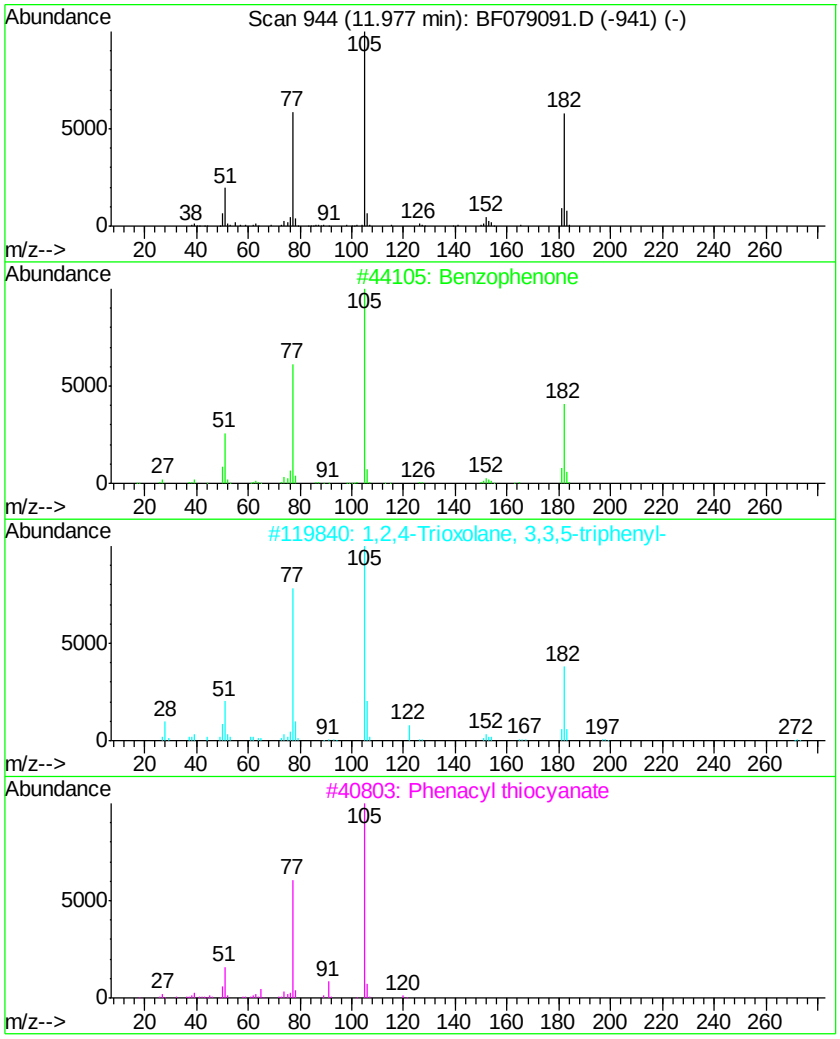
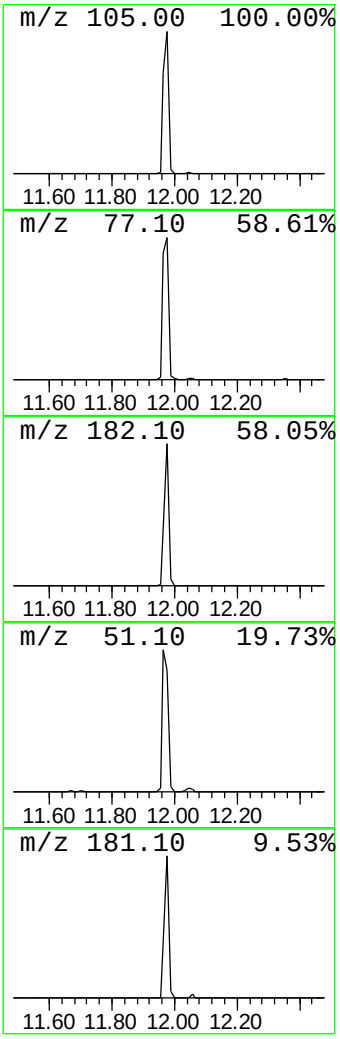
Peak Number 13 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	13.58 ng	539992	Acenaphthene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	47
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





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TIC Library : C:\DATABASE\NIST02.L
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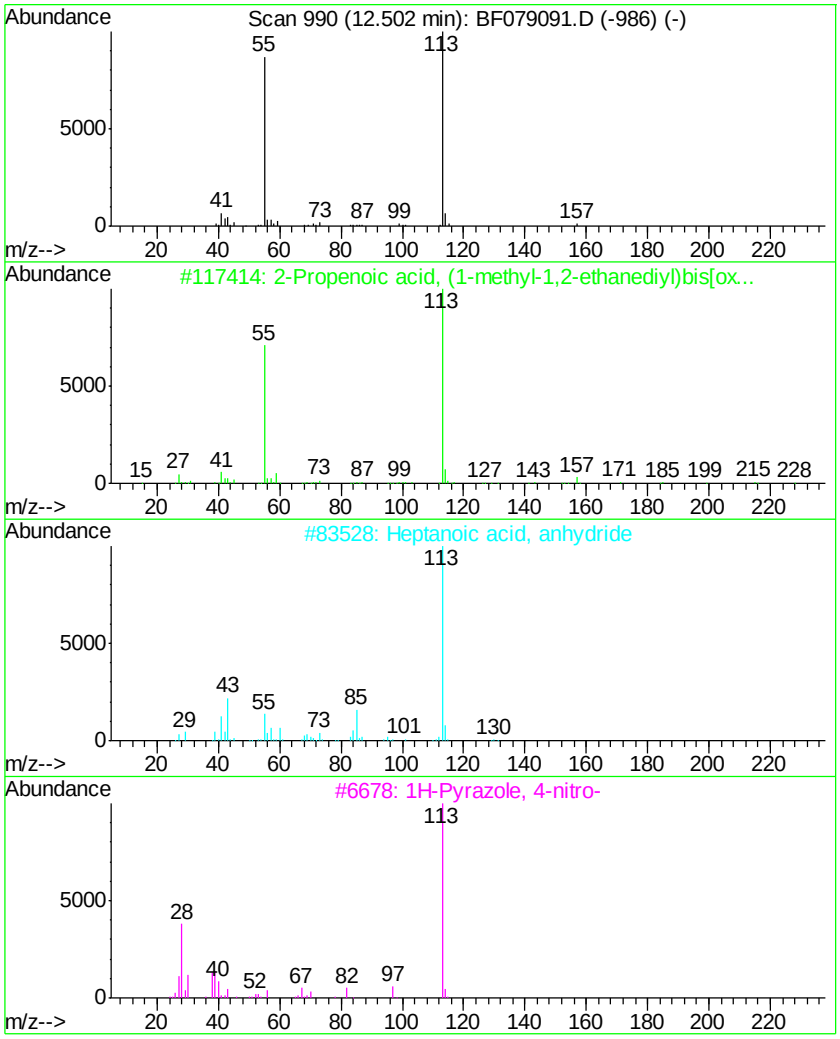
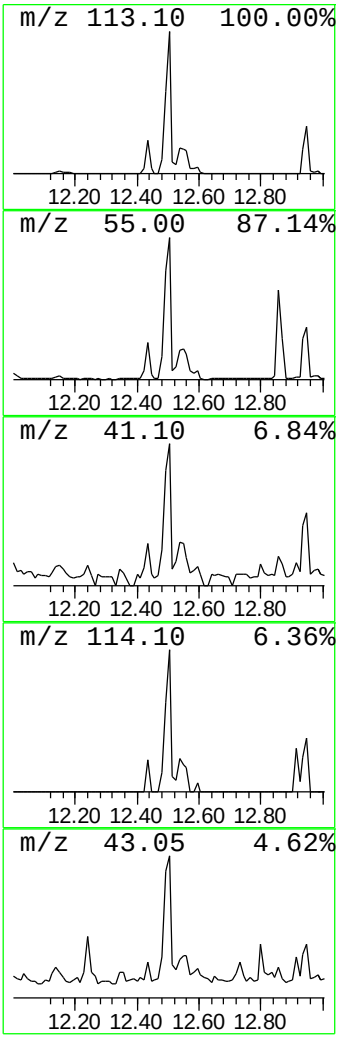
Peak Number 14 2-Propenoic acid, (1-methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.12 ng	231595	Phenanthrene-d10	12.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	74
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	36
3	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	9
4	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	9
5	Propanone-1, 3-(4-methylpiperazi...	308	C20H24N2O	053756-76-6	9





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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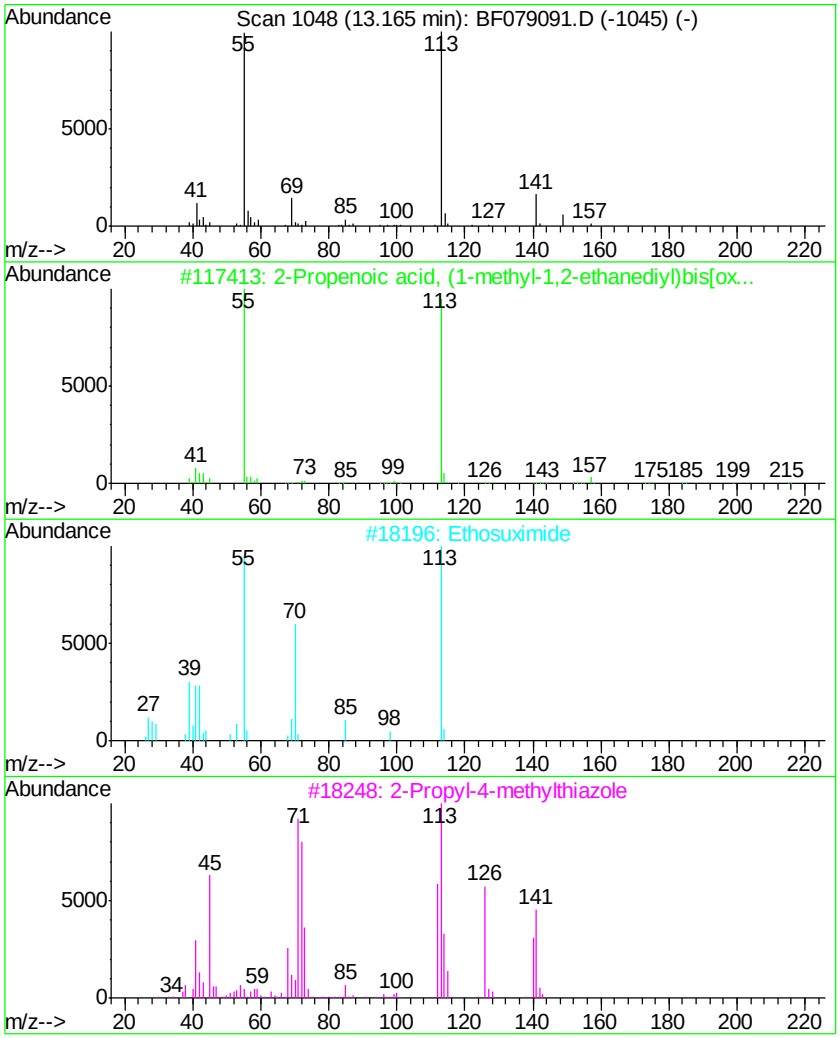
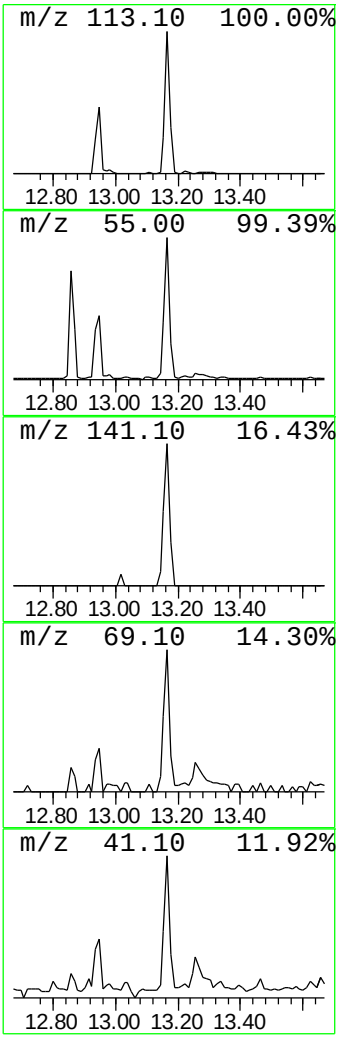
Peak Number 15 unknown13.17 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.26 ng	192637	Phenanthrene-d10	12.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	59
2	Ethosuximide	141	C7H11NO2	000077-67-8	39
3	2-Propyl-4-methylthiazole	141	C7H11NS	052414-87-6	38
4	Propanone-1, 3-(4-methylpiperazi...	308	C20H24N2O	053756-76-6	25
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	10





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Acq On : 9 May 2015 20:25
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Sample : G2087-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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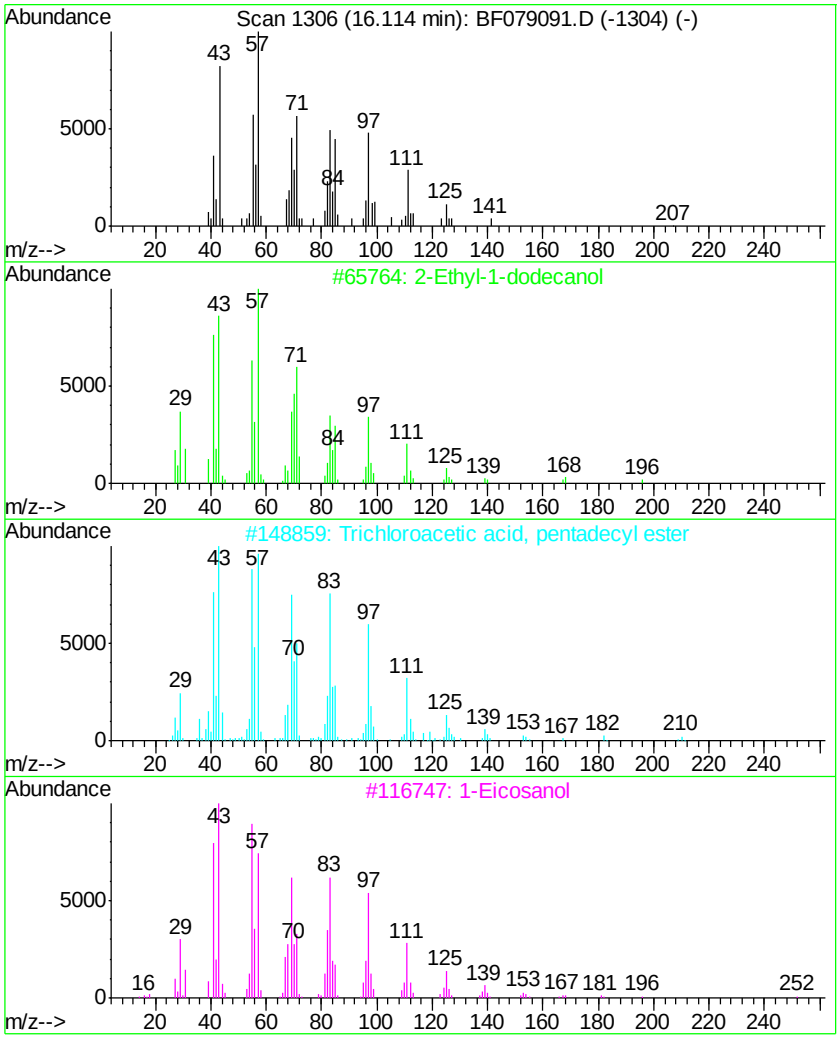
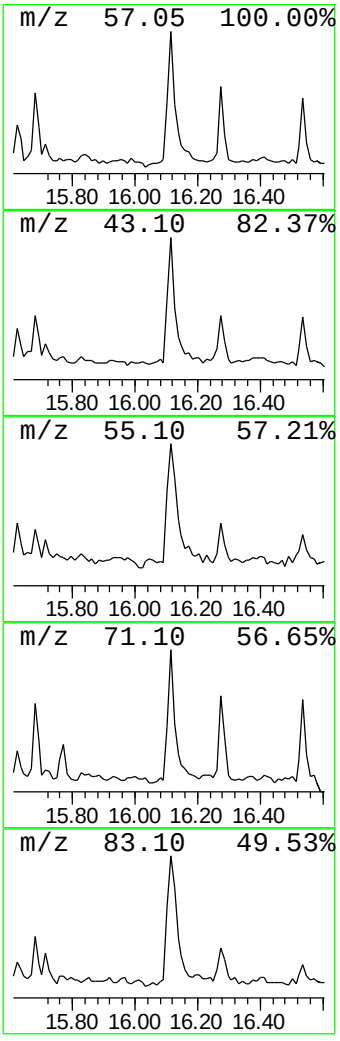
Peak Number 16 2-Ethyl-1-dodecanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	3.41 ng	145627	Chrysene-d12	16.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	86
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70
3	1-Eicosanol	298	C20H42O	000629-96-9	70
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	70
5	1-Heptadecanol	256	C17H36O	001454-85-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
Data File : BF079091.D
Acq On : 9 May 2015 20:25
Operator : TP/IZ
Sample : G2087-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Cyclopentane, met...	1.24	59.4	ng	1505410	1	7.31	506493	20.0
unknown1.50	1.50	297.8	ng	7542710	1	7.31	506493	20.0
Butane, 2-methoxy...	1.80	14.4	ng	364339	1	7.31	506493	20.0
2-Pentanone, 4-hy...	5.12	8.9	ng	224384	1	7.31	506493	20.0
unknown7.03	7.03	80.9	ng	2048660	1	7.31	506493	20.0
Metacetamol	10.41	2.5	ng	101473	3	11.07	795419	20.0
Benzophenone	11.98	13.6	ng	539992	3	11.07	795419	20.0
2-Propenoic acid,...	12.50	5.1	ng	231595	4	12.91	904779	20.0
unknown13.17	13.17	4.3	ng	192637	4	12.91	904779	20.0
2-Ethyl-1-dodecanol	16.11	3.4	ng	145627	5	16.24	855350	20.0