LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078379.D
Acq On : 10 Apr 2015 3:02
Operator : TP/IZ
Sample : G1782-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB10(1)

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-BF040115.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	0.990	6	9	13	rVB	29915	38755	2.23%	0.285%
2	1.058	13	15	18	rBV	1345303	1222503	70.33%	8.990%
3	1.173	20	25	27	rBV2	62612	110056	6.33%	0.809%
4	1.310	35	37	40	rVB	346890	372172	21.41%	2.737%
5	1.630	64	65	79	rVB	41705	89671	5.16%	0.659%
6	4.510	315	317	320	rBV	34254	46607	2.68%	0.343%
7	4.567	320	322	331	rVB	83729	133898	7.70%	0.985%
8	5.139	370	372	375	rBV	707211	1056331	60.77%	7.768%
9	6.487	487	490	492	rBV	848185	1161260	66.81%	8.539%
10	6.602	497	500	502	rBV	931981	1177117	67.72%	8.656%
11	6.887	523	525	527	rBV	163209	202213	11.63%	1.487%
12	7.070	538	541	543	rBV	913970	911999	52.47%	6.706%
13	7.585	584	586	588	rBV	825138	726339	41.79%	5.341%
14	8.465	660	663	665	rBV	243622	278620	16.03%	2.049%
15	9.813	778	781	783	rBV	1586552	1565483	90.06%	11.512%
16	10.316	824	825	828	rBB	42311	54847	3.16%	0.403%
17	10.625	849	852	854	rBV	284279	338497	19.47%	2.489%
18	11.528	929	931	933	rBB	46724	43433	2.50%	0.319%
19	11.596	934	937	940	rBV	890736	905349	52.08%	6.657%
20	12.442	1009	1011	1014	rBV	304249	344443	19.82%	2.533%
21	14.442	1183	1186	1188	rBV	1728941	1738243	100.00%	12.782%
22	15.631	1287	1290	1294	rBV	59641	109431	6.30%	0.805%
23	15.711	1294	1297	1299	rVB	303767	362767	20.87%	2.668%
24	16.443	1358	1361	1369	rBV	66483	139829	8.04%	1.028%
25	17.243	1424	1431	1437	rBV3	17061	68647	3.95%	0.505%
26	17.414	1443	1446	1449	rBV	294917	360350	20.73%	2.650%
27	20.820	1740	1744	1747	rBV3	15077	40261	2.32%	0.296%

Sum of corrected areas: 13599121

LSC Report - Integrated Chromatogram

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Misc :
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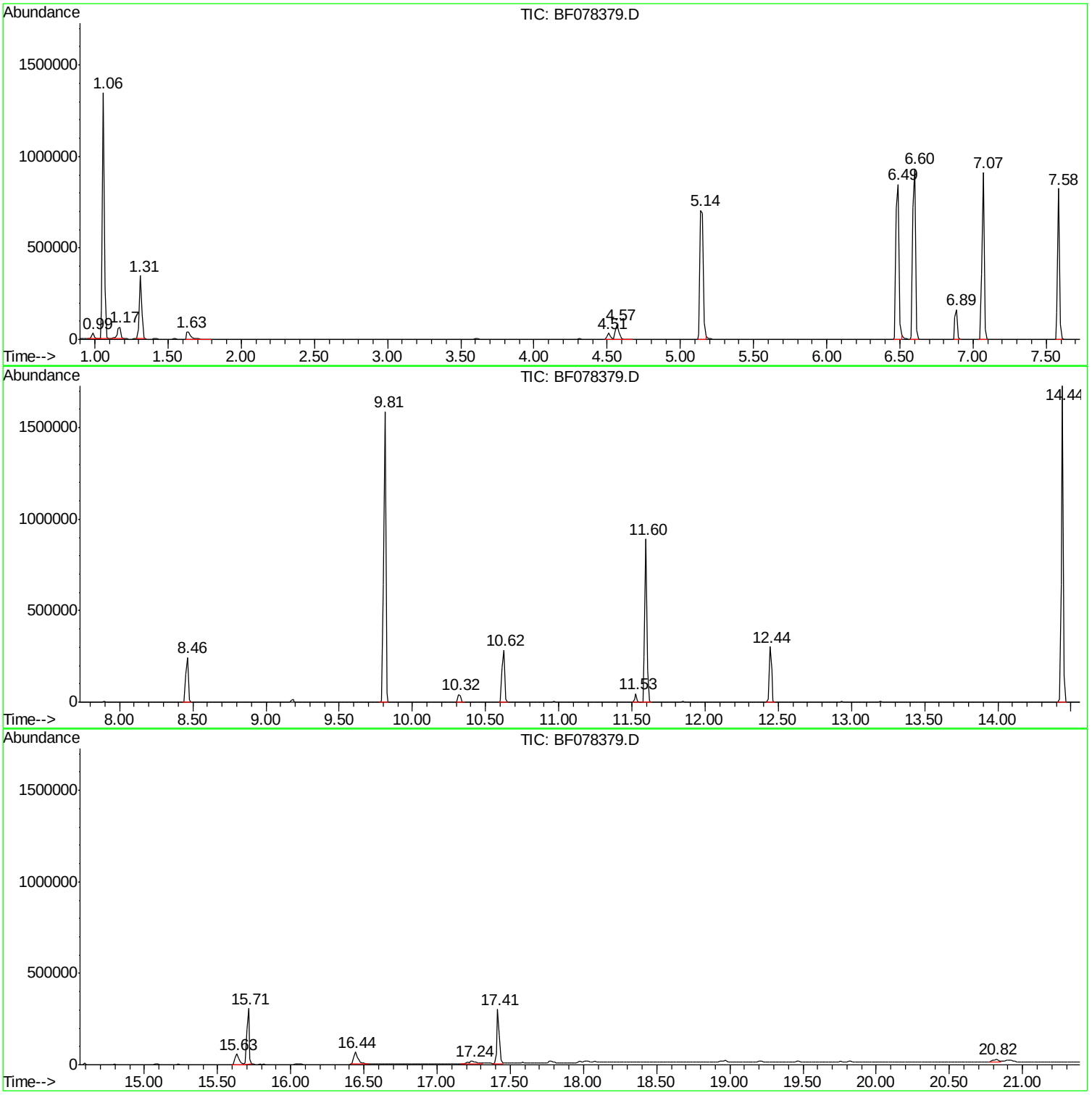
Instrument : BNA_F
ClientSampleId : SB10(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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ClientSampleId : SB10(1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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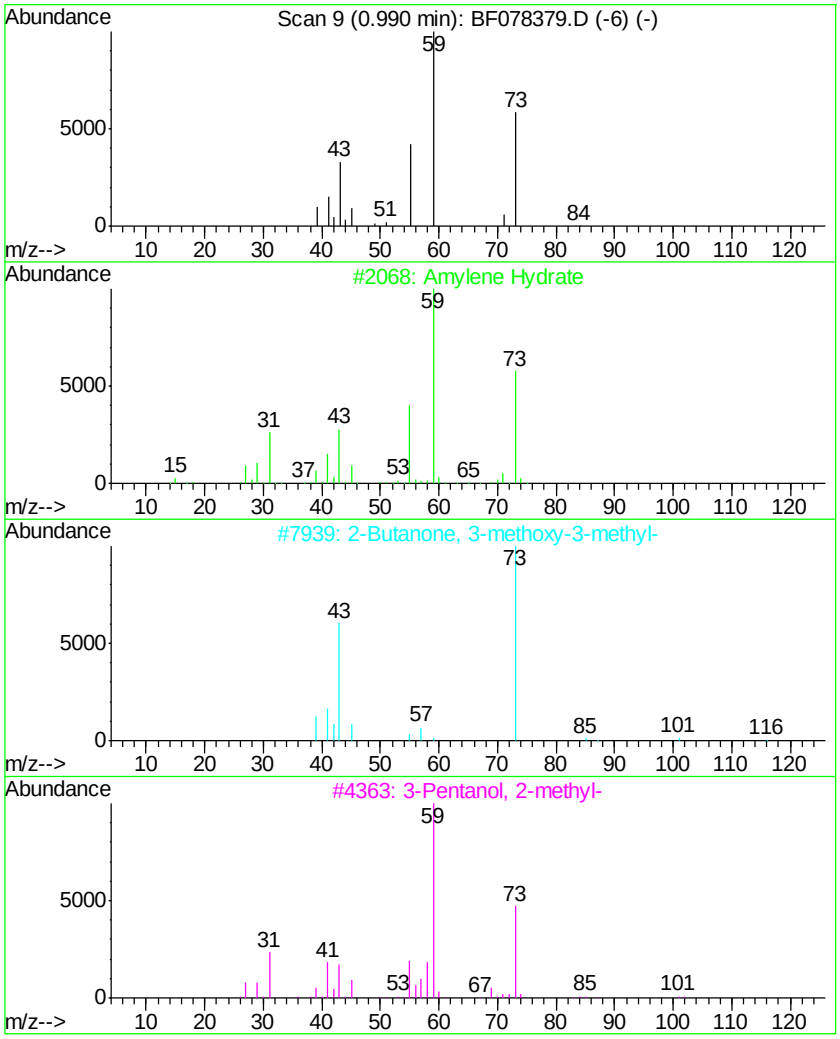
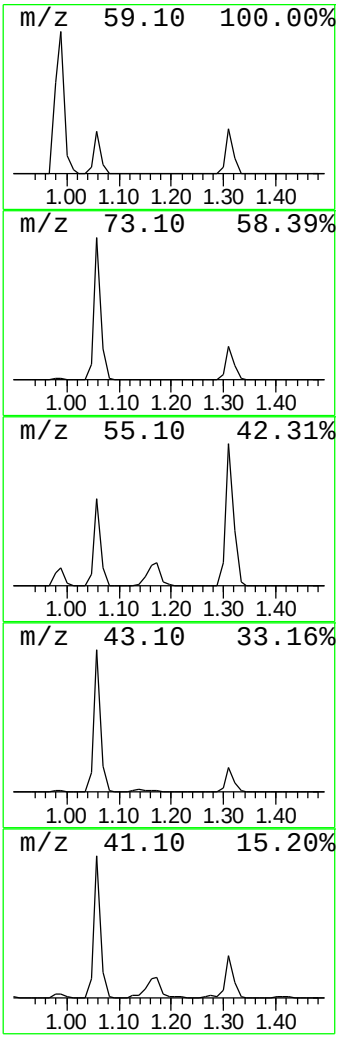
Peak Number 1 Amylene Hydrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
0.99	3.83 ng	38755	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	74
2	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9
4	Guanidine	59	CH5N3	000113-00-8	4
5	Acetaldoxime	59	C2H5NO	000107-29-9	4





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Misc :
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Instrument : BNA_F
ClientSampleId : SB10(1)

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

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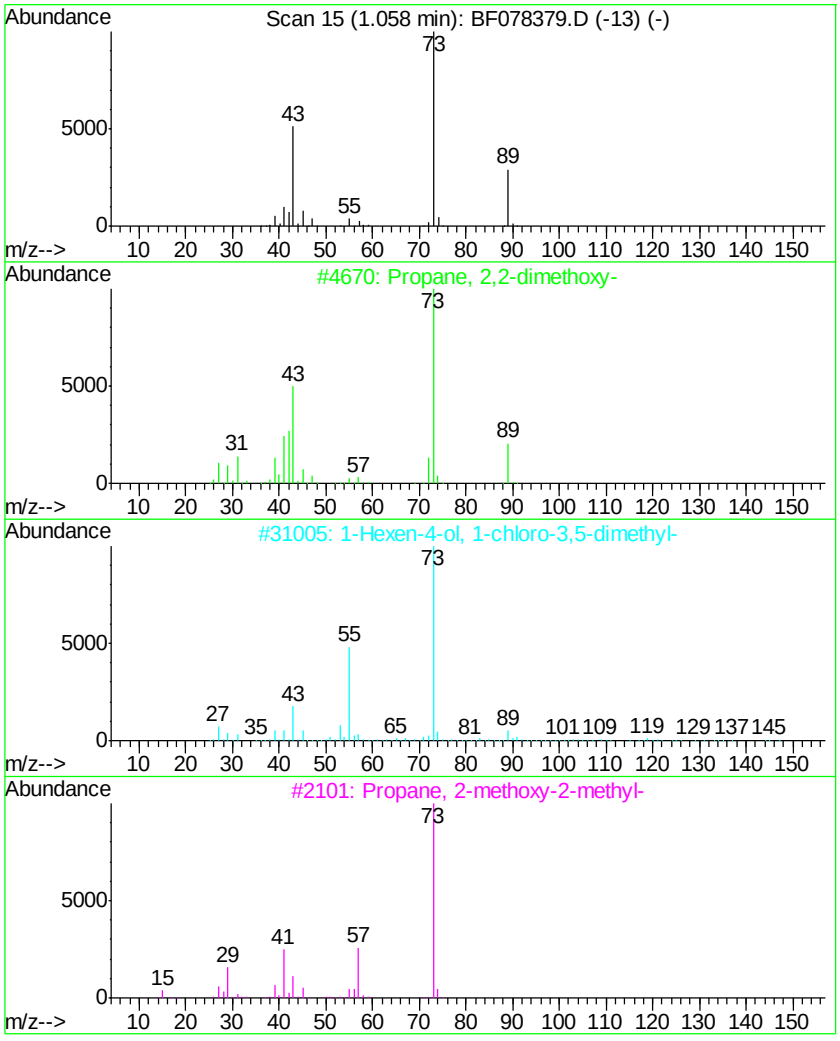
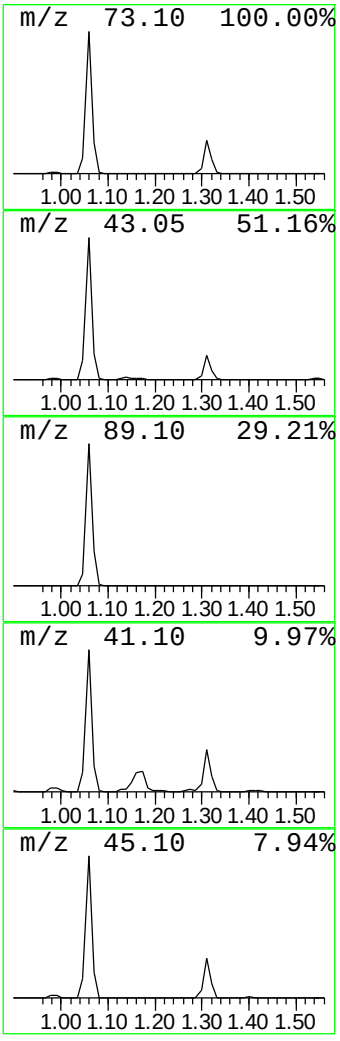
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.06	120.91 ng	1222500	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	7





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Sample : G1782-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB10(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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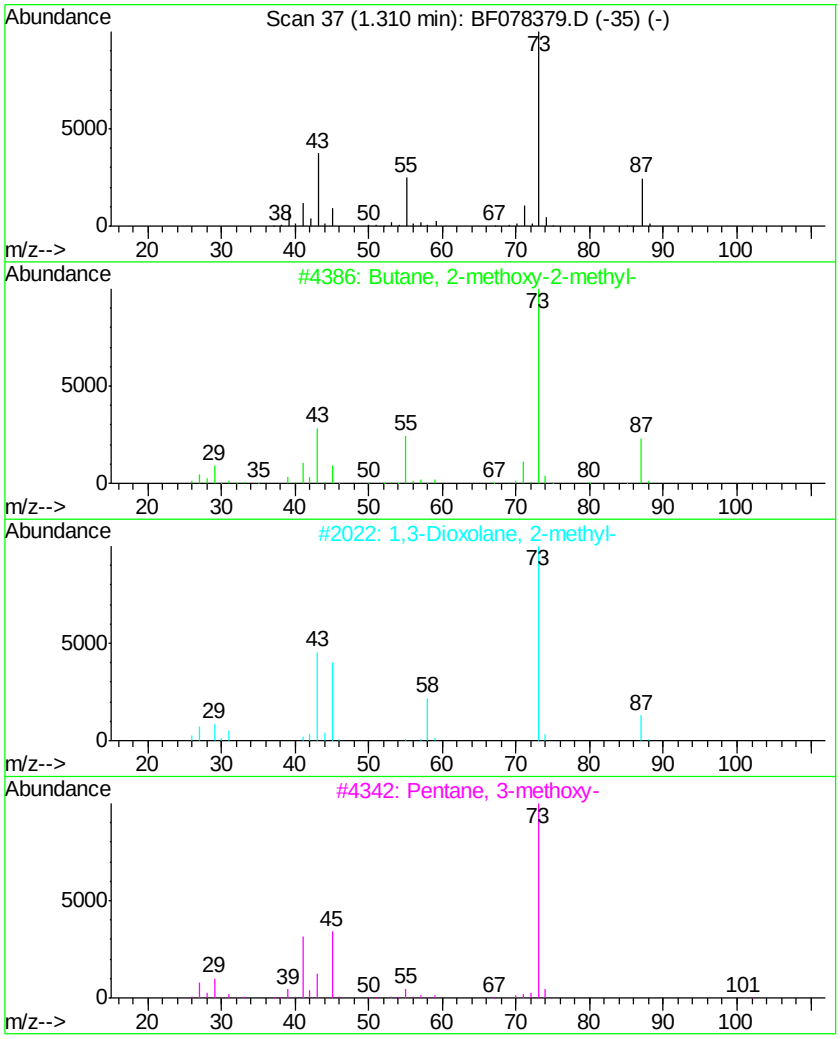
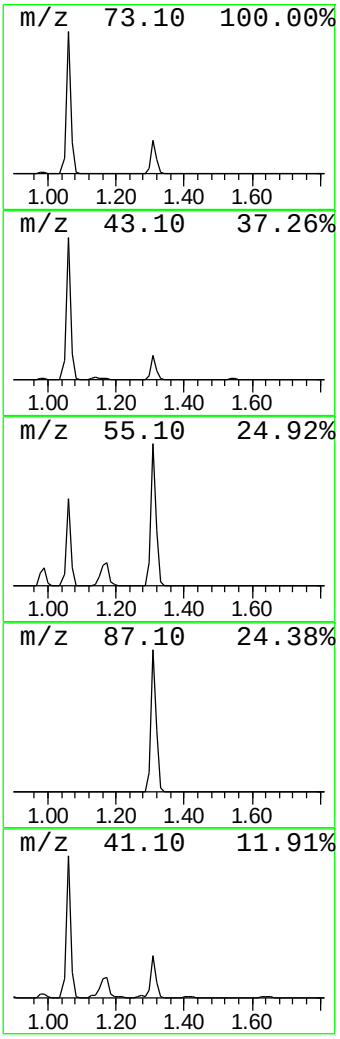
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.31	36.81 ng	372172	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Sample : G1782-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB10(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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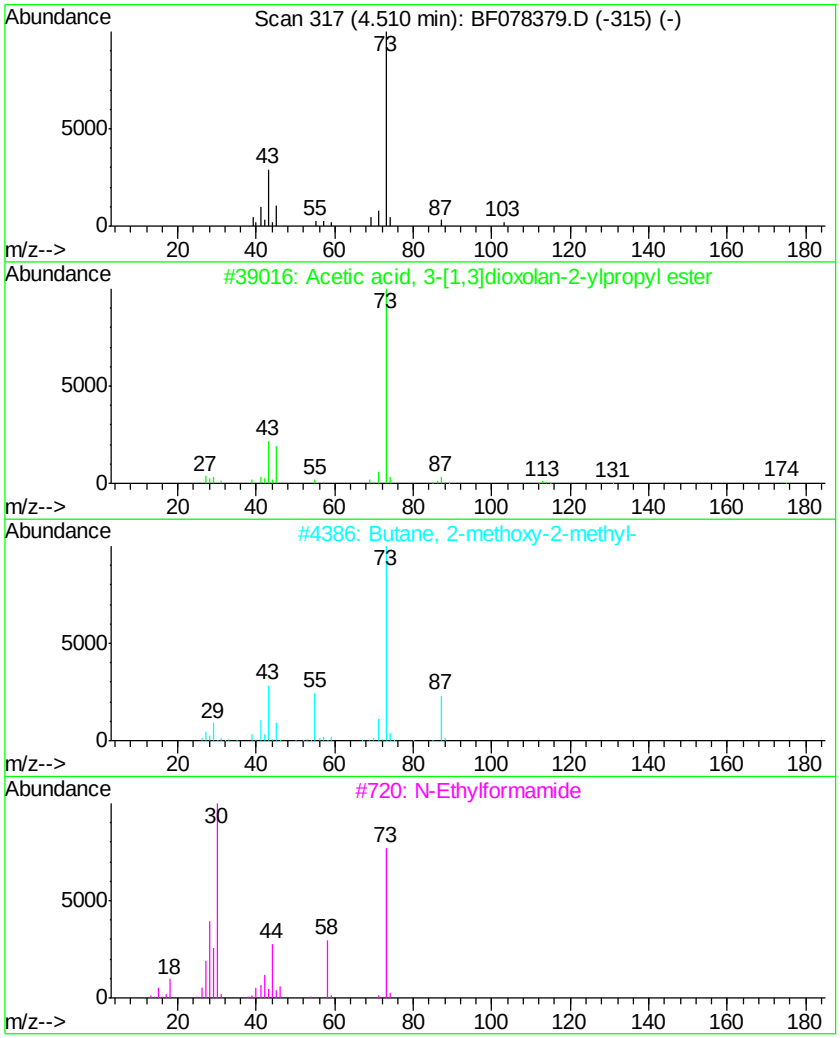
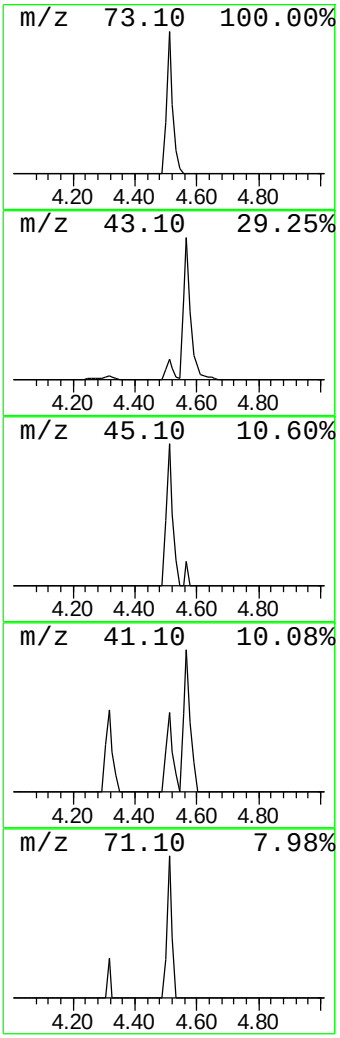
Peak Number 6 unknown4.51 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	4.61 ng	46607	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	42
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
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Acq On : 10 Apr 2015 3:02
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Sample : G1782-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB10(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
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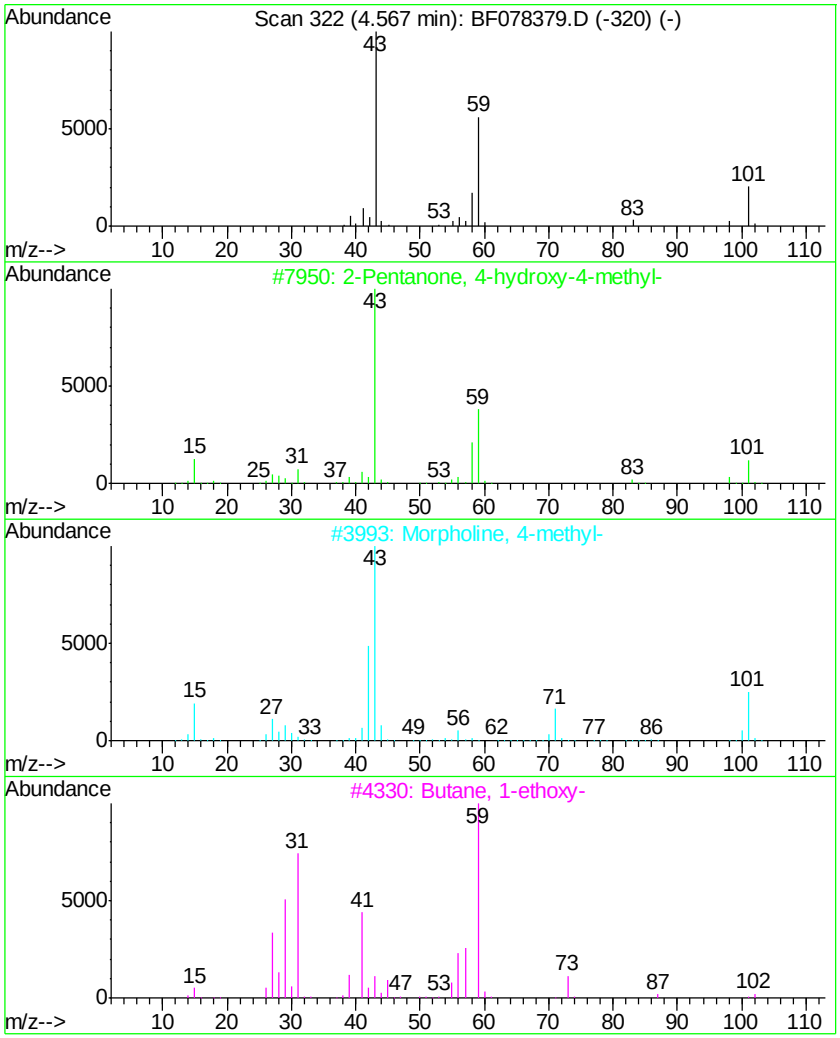
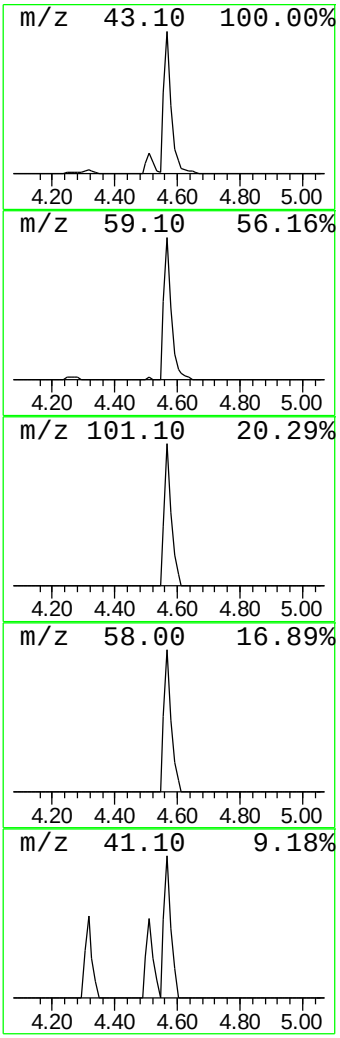
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	13.24 ng	133898	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





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Sample : G1782-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB10(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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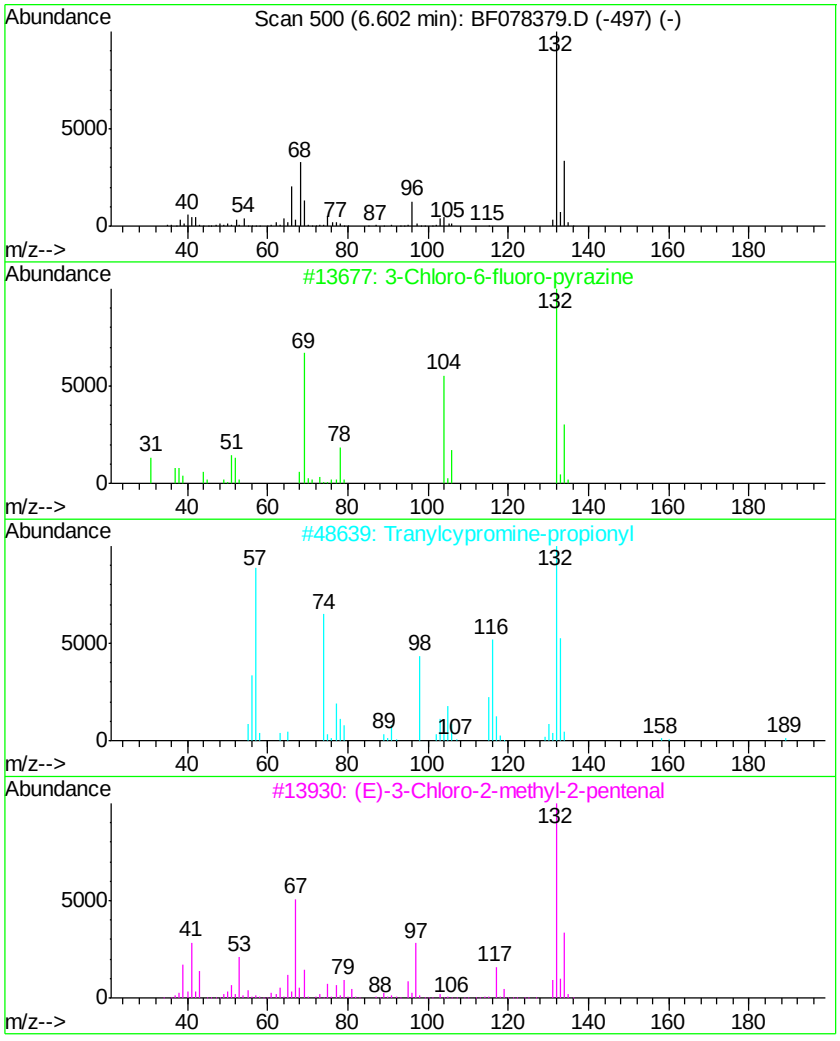
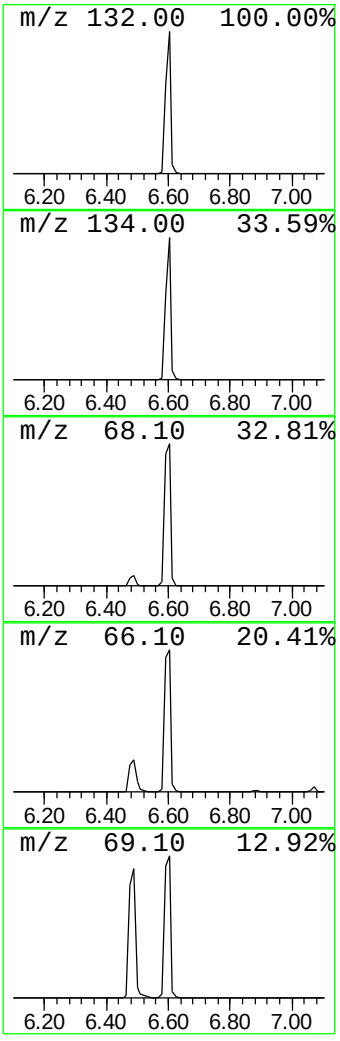
Peak Number 8 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	116.42 ng	1177120	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9





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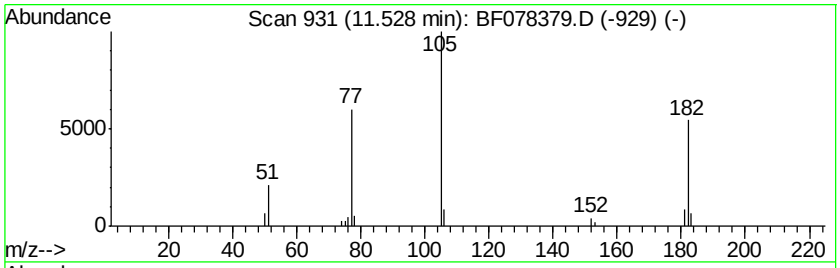
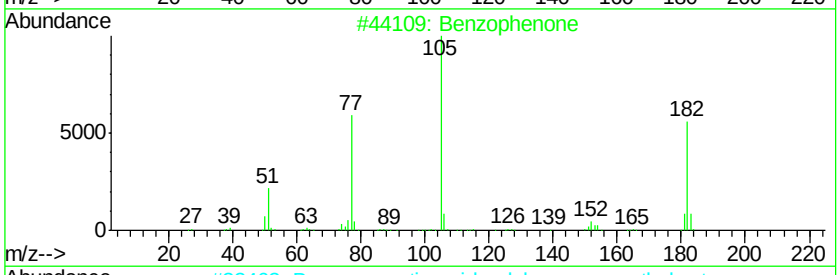
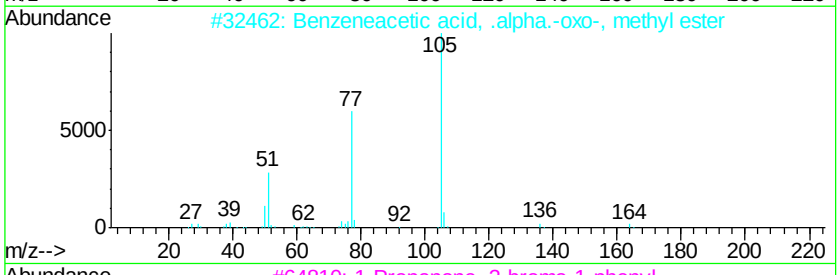
Peak Number 10 Benzophenone Concentration Rank 13

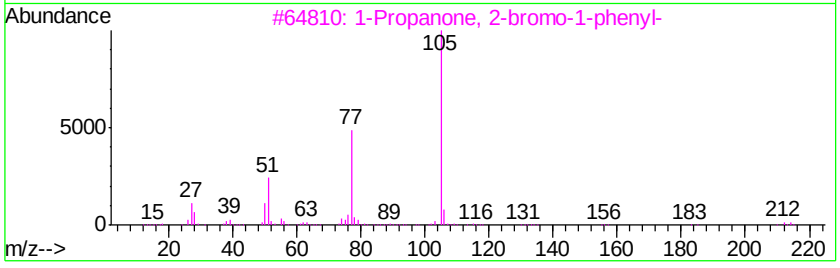
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	2.57 ng	43433	Acenaphthene-d10	10.62

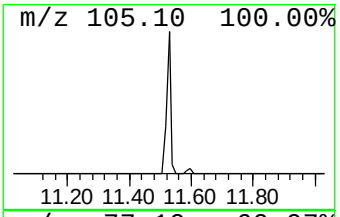
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	47

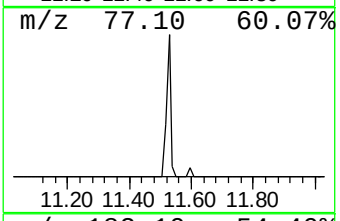


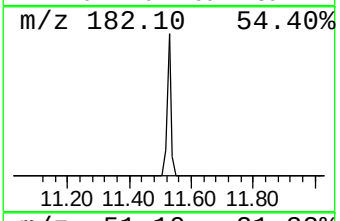


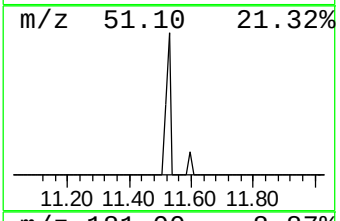


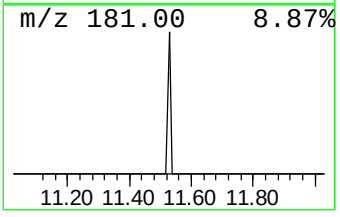












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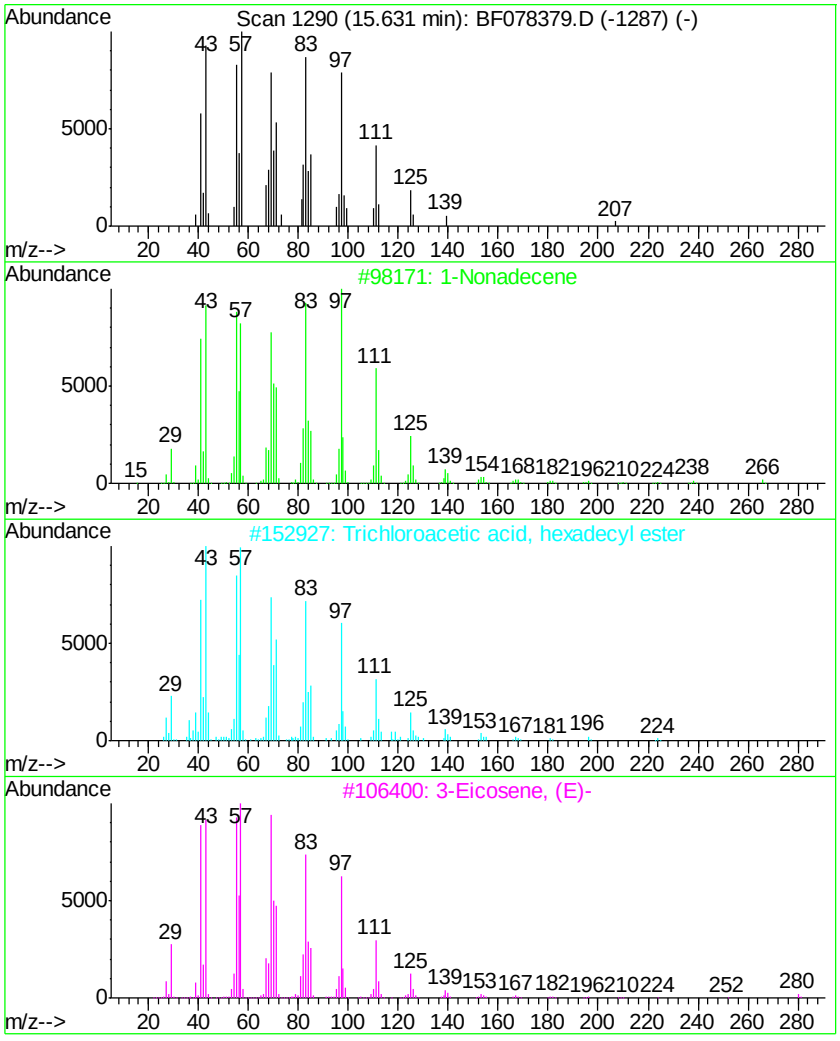
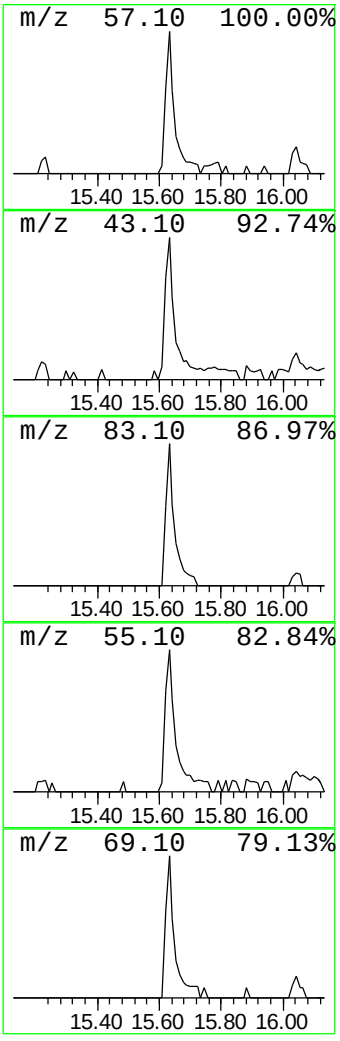
Peak Number 11 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	6.03 ng	109431	Chrysene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Docosene	308	C22H44	001599-67-3	81
5	1-Hexadecanol	242	C16H34O	036653-82-4	76





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Sample : G1782-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB10(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
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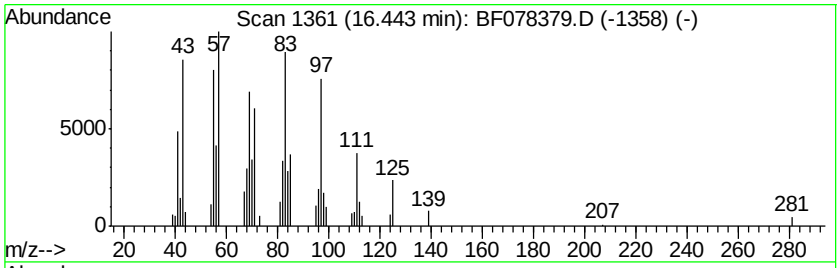
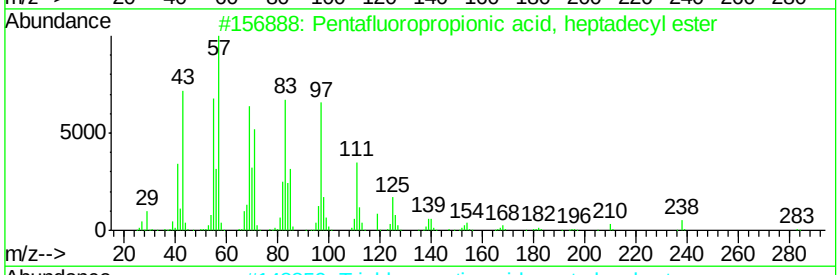
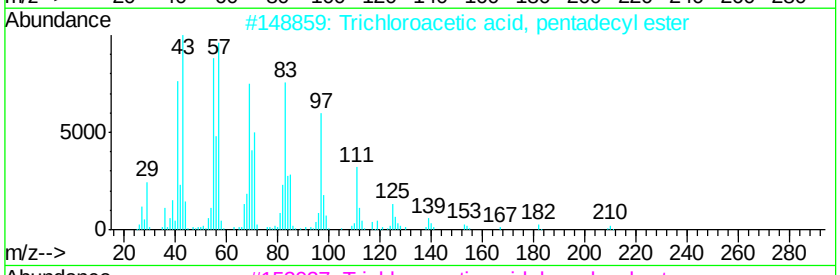
Peak Number 12 Pentafluoropropionic acid, ... Concentration Rank 8

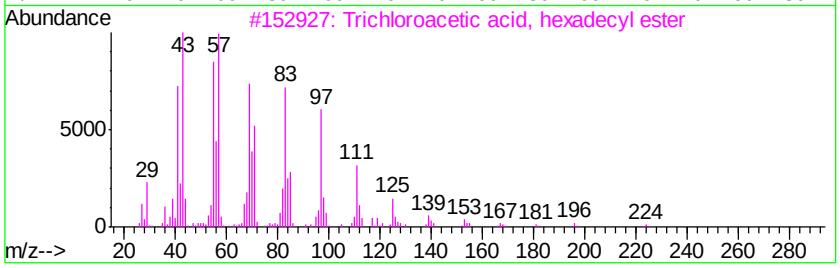
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.71 ng	139829	Chrysene-d12	15.71

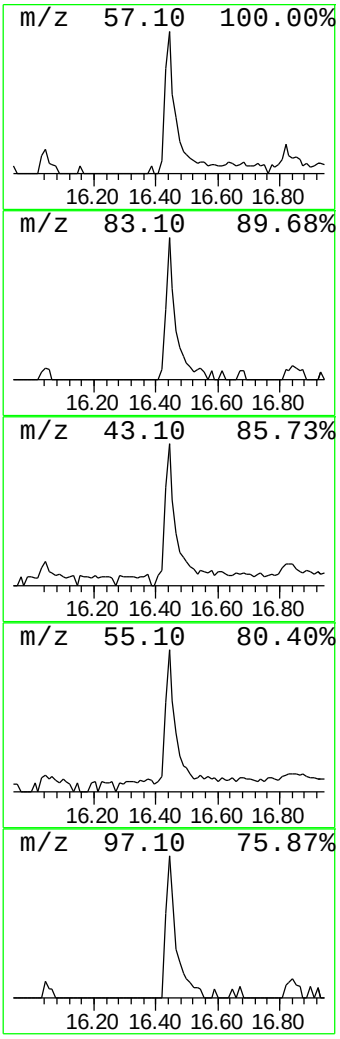
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91











Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078379.D
Acq On : 10 Apr 2015 3:02
Operator : TP/IZ
Sample : G1782-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB10(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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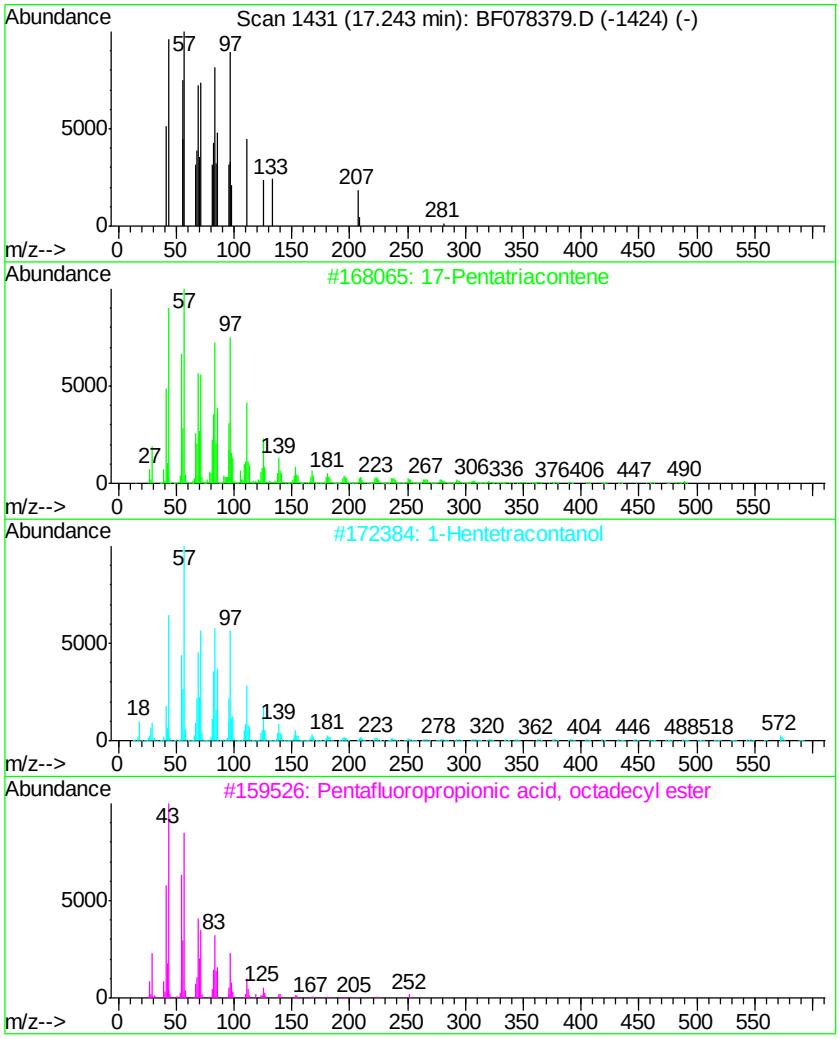
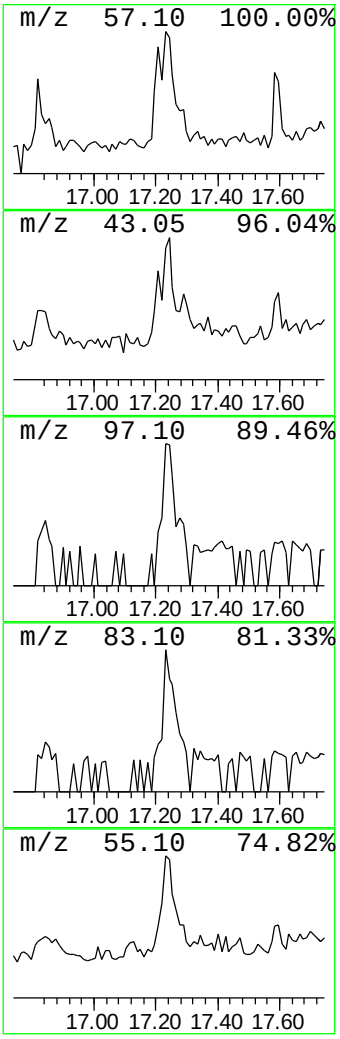
Peak Number 13 17-Pentatriacontene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	3.81 ng	68647	Perylene-d12	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	1-Hentetracontanol	593	C41H84O	040710-42-7	86
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	80
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	80
5	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078379.D
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Sample : G1782-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB10(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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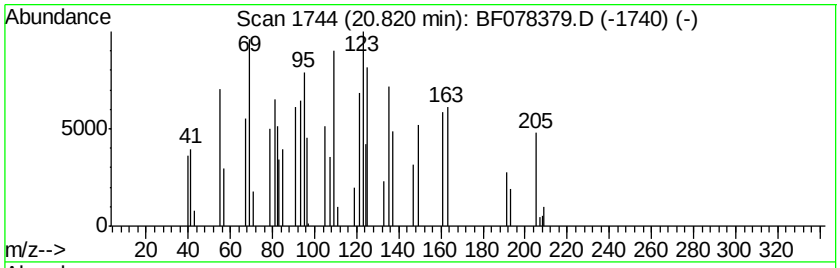
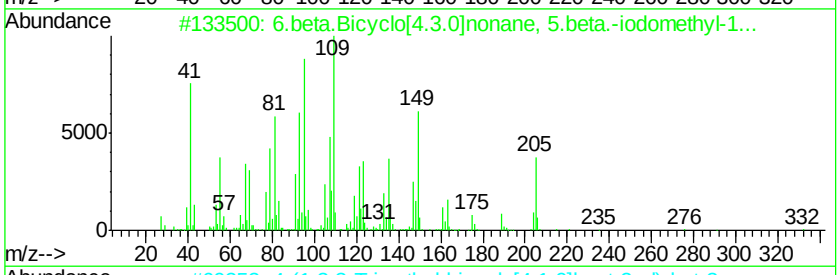
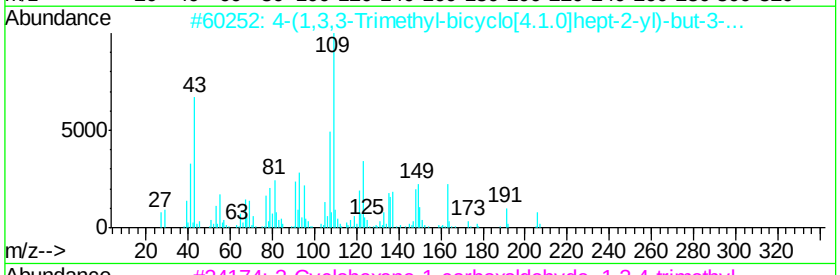
Peak Number 14 unknown20.82 Concentration Rank 14

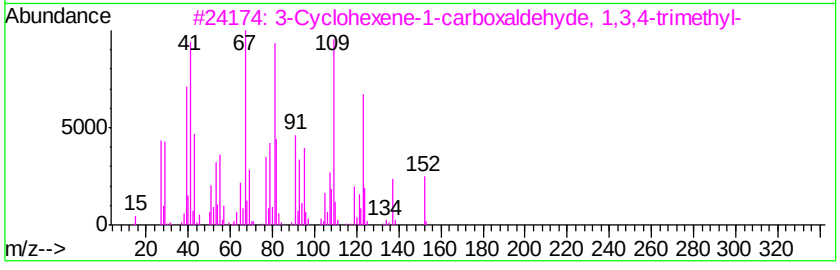
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.23 ng	40261	Perylene-d12	17.41

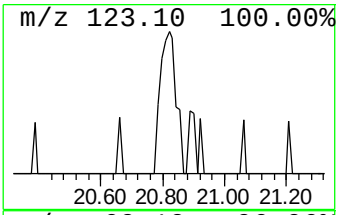
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	38
2	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	32
3	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	22
4	1,6,10,14,18,22-Tetracosahexaen-...	426	C30H50O	054159-46-5	16
5	Pyrimidine, 4-amino-2-methoxy-	125	C5H7N3O	003289-47-2	14

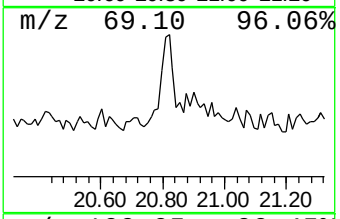


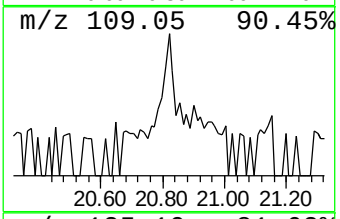


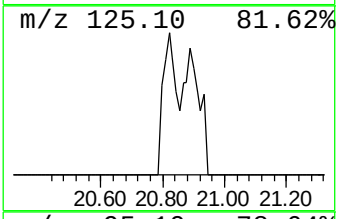


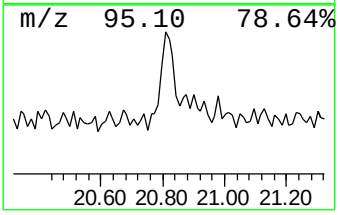












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
Data File : BF078379.D
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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
Amylene Hydrate	0.99	3.8	ng	38755	1	6.89	202213	20.0
Propane, 2,2-dime...	1.06	120.9	ng	1222500	1	6.89	202213	20.0
Butane, 2-methoxy...	1.31	36.8	ng	372172	1	6.89	202213	20.0
unknown4.51	4.51	4.6	ng	46607	1	6.89	202213	20.0
2-Pentanone, 4-hy...	4.57	13.2	ng	133898	1	6.89	202213	20.0
unknown6.60	6.60	116.4	ng	1177120	1	6.89	202213	20.0
Benzophenone	11.53	2.6	ng	43433	3	10.62	338497	20.0
1-Nonadecene	15.63	6.0	ng	109431	5	15.71	362767	20.0
Pentafluoropropio...	16.44	7.7	ng	139829	5	15.71	362767	20.0
17-Pentatriacontene	17.24	3.8	ng	68647	6	17.41	360350	20.0
unknown20.82	20.82	2.2	ng	40261	6	17.41	360350	20.0