LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
Data File : BF079863.D
Acq On : 10 Jun 2015 14:21
Operator : TP/IZ
Sample : G2536-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P5-12A(UNFILTERED)

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-BF060915.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	1.404	17	19	21	rVB	223681	206423	8.95%	1.179%
2	2.193	87	88	101	rVB	68280	224434	9.73%	1.281%
3	2.375	101	104	114	rVV	795079	1688480	73.20%	9.641%
4	2.513	114	116	134	rVB2	67702	264654	11.47%	1.511%
5	2.753	134	137	141	rVB	264964	400087	17.34%	2.284%
6	6.033	421	424	426	rBV	496072	496649	21.53%	2.836%
7	7.004	507	509	512	rBV	234224	321674	13.94%	1.837%
8	7.187	522	525	527	rBV	874457	1045621	45.33%	5.970%
9	7.416	543	545	547	rVB	350986	286252	12.41%	1.634%
10	7.576	557	559	561	rBV	1284845	1041093	45.13%	5.944%
11	7.827	579	581	583	rBV	140355	122885	5.33%	0.702%
12	7.976	591	594	595	rBV	664767	764847	33.16%	4.367%
13	8.707	656	658	661	rBV	484082	400046	17.34%	2.284%
14	9.782	750	752	754	rVB	2586970	2047043	88.74%	11.688%
15	10.479	811	813	816	rVB	481547	448844	19.46%	2.563%
16	11.279	880	883	885	rBV	1192660	1076011	46.65%	6.144%
17	11.393	891	893	896	rVB	195297	158688	6.88%	0.906%
18	11.451	896	898	899	rBV	382465	373548	16.19%	2.133%
19	11.485	899	901	902	rVV2	382924	572280	24.81%	3.268%
20	11.519	902	904	905	rVV	461364	448698	19.45%	2.562%
21	11.542	905	906	907	rVV	264509	211582	9.17%	1.208%
22	11.588	907	910	912	rVV3	134575	285686	12.38%	1.631%
23	11.634	912	914	916	rVV2	280985	319132	13.83%	1.822%
24	11.668	916	917	920	rVV2	298388	428074	18.56%	2.444%
25	11.714	920	921	923	rVB	166048	145066	6.29%	0.828%
26	12.011	945	947	949	rBV	557515	484941	21.02%	2.769%
27	13.794	1101	1103	1106	rBV	2074428	2306762	100.00%	13.171%
28	15.165	1221	1223	1226	rBV	390325	478653	20.75%	2.733%
29	17.188	1397	1400	1407	rBV	298203	465551	20.18%	2.658%

Sum of corrected areas: 17513704

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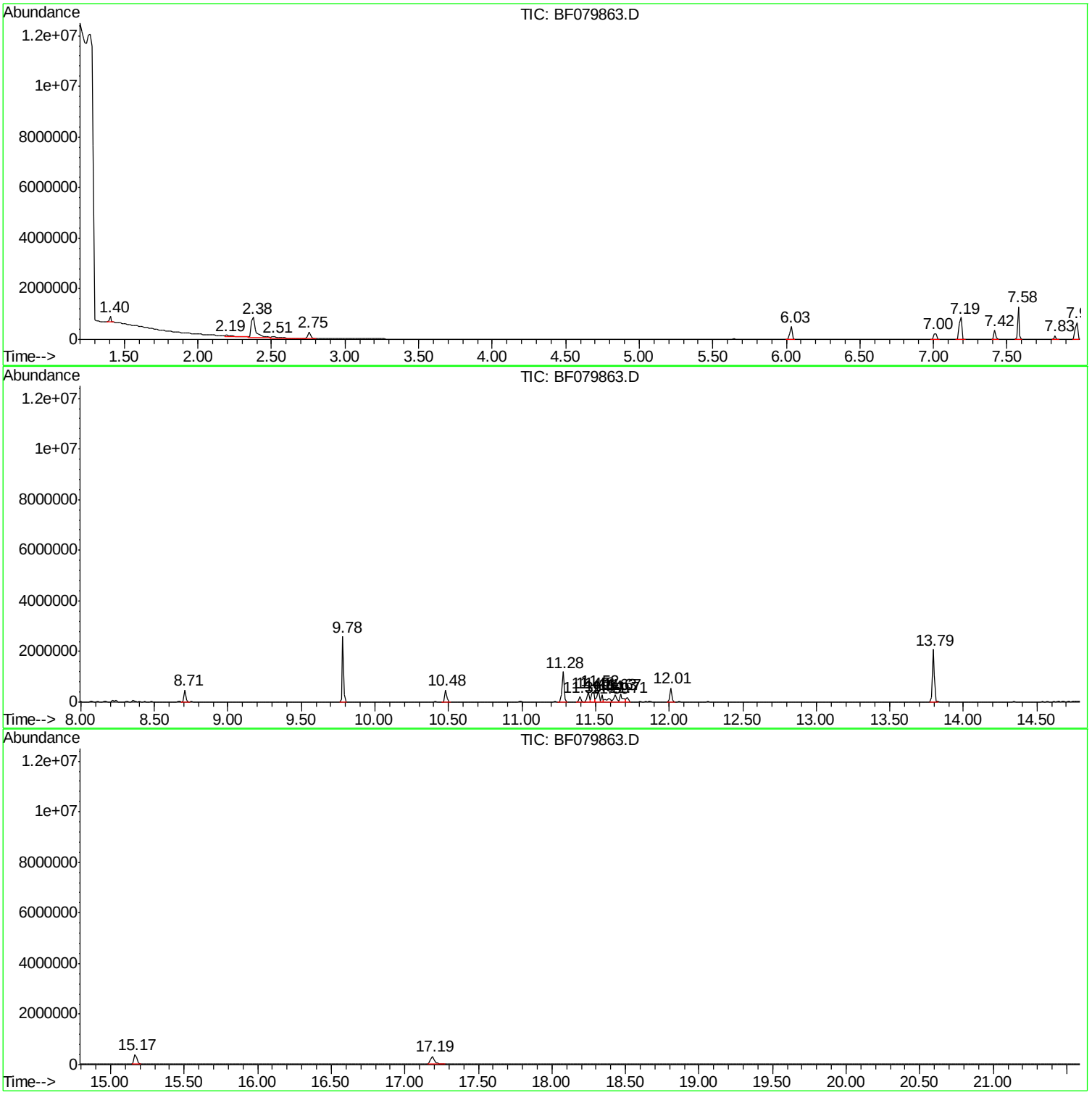
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P5-12A(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.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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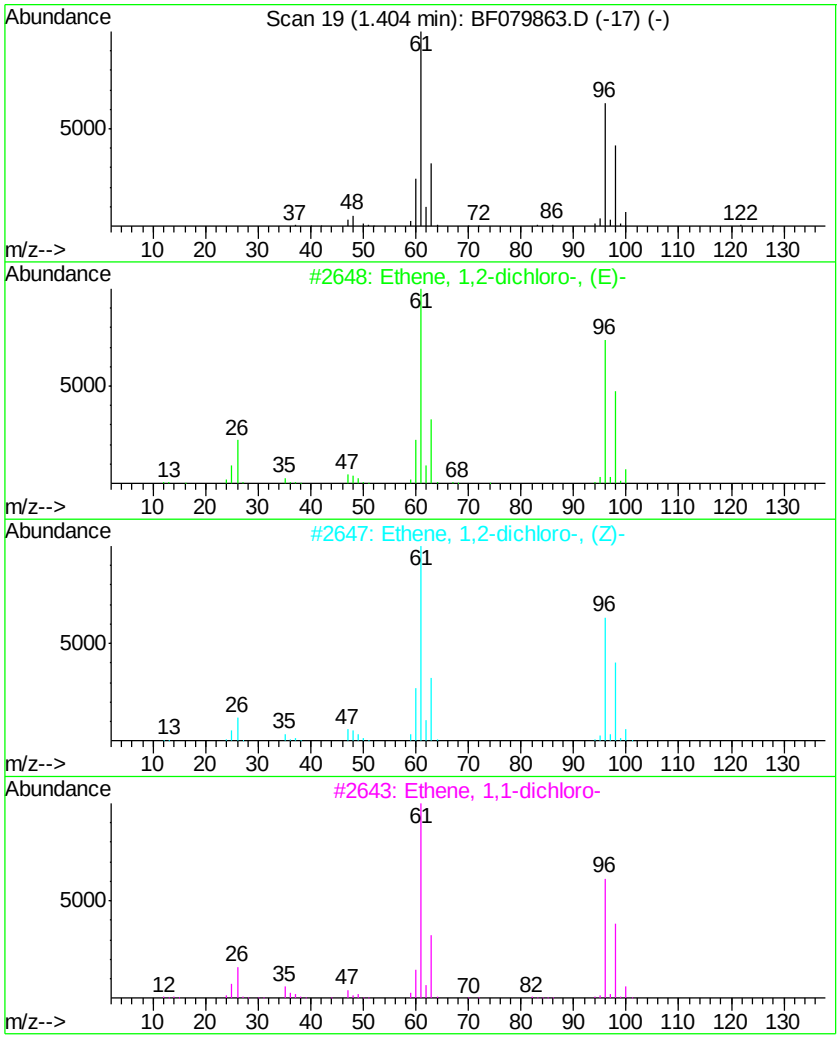
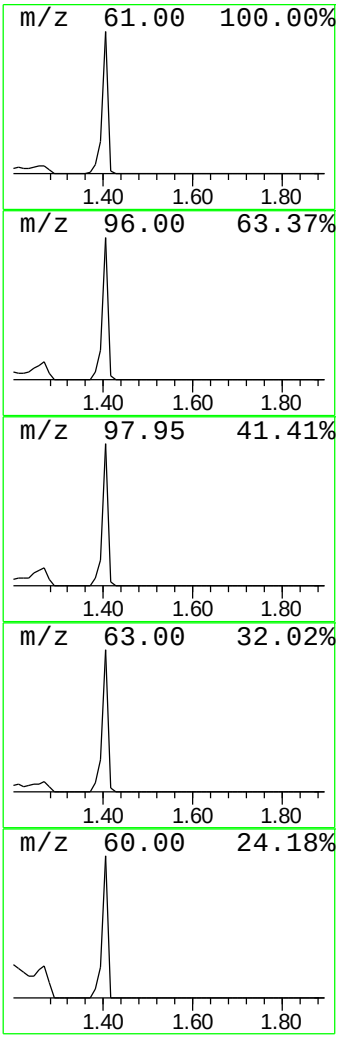
Peak Number 1 Ethene, 1,2-dichloro-, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	14.42 ng	206423	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	94
2	Ethene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	94
3	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	90
4	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	90
5	Chloromethylmethyl sulfide	96	C2H5ClS	002373-51-5	46





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Operator : TP/IZ
Sample : G2536-03
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Instrument : BNA_F
ClientSampleId : P5-12A(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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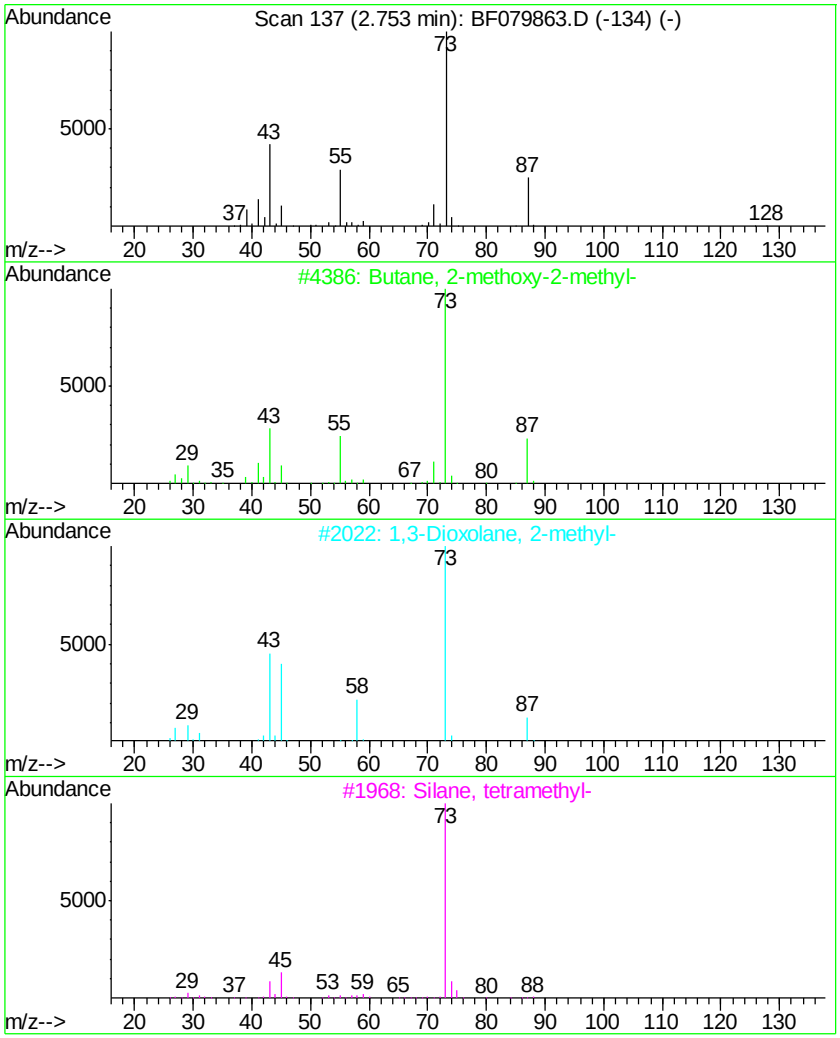
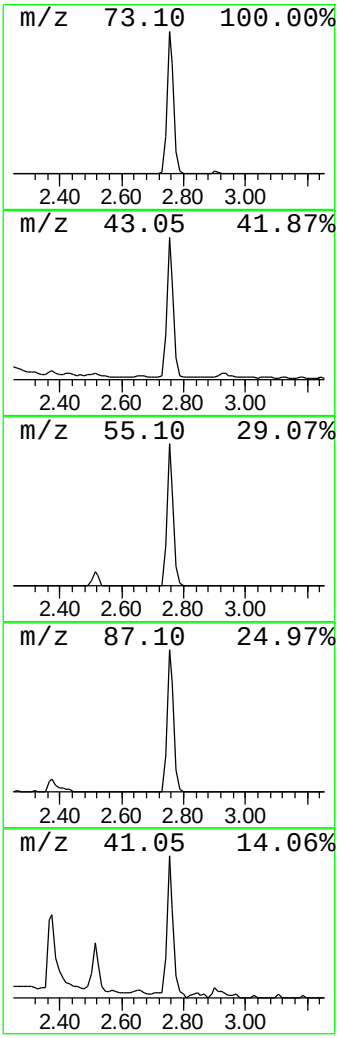
Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	27.95 ng	400087	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : TP/IZ
Sample : G2536-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P5-12A(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
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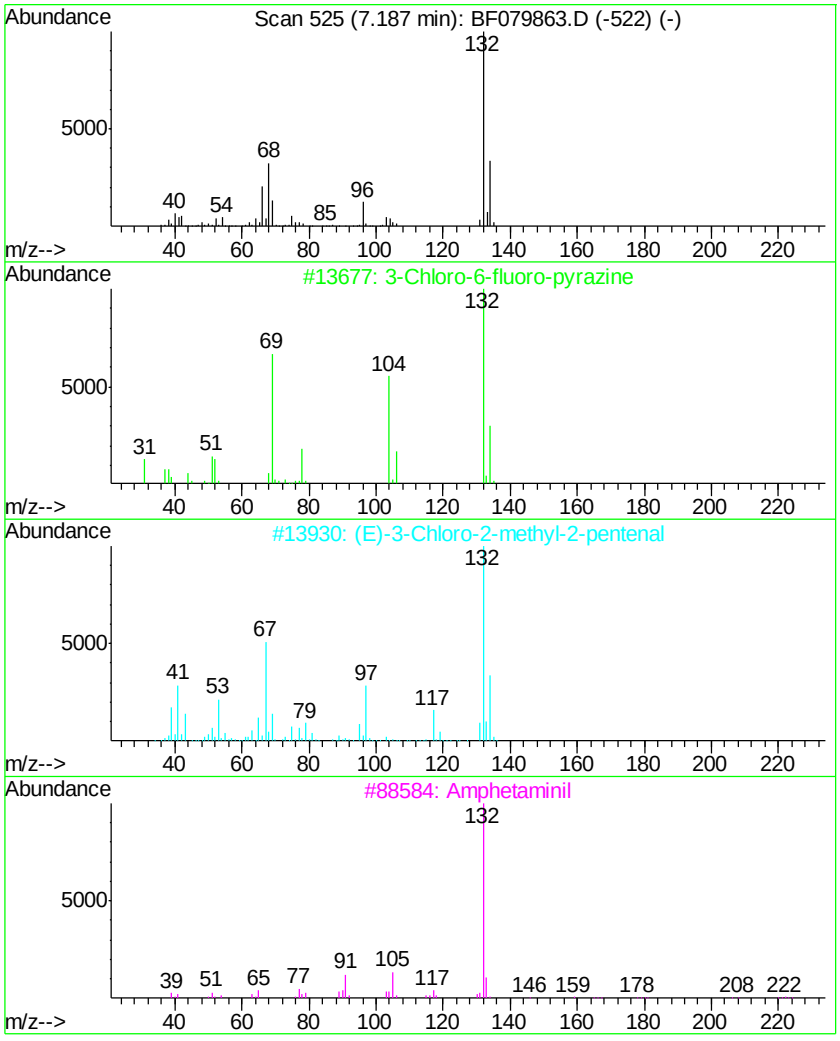
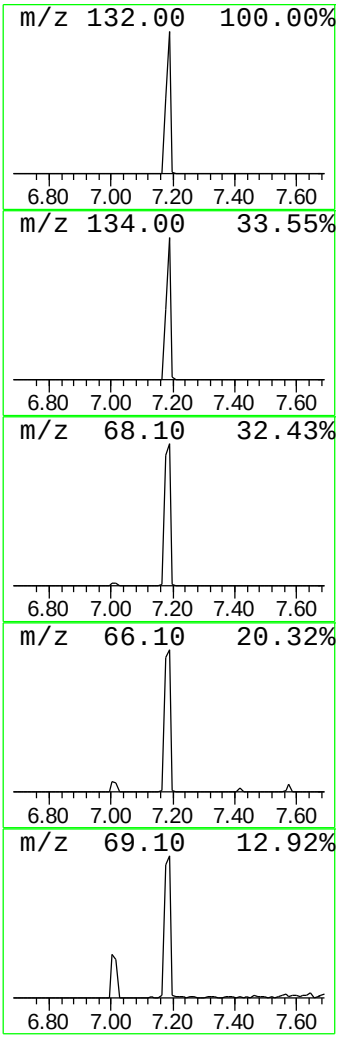
Peak Number 6 unknown7.19 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	73.06 ng	1045620	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : G2536-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P5-12A(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
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TIC Library : C:\DATABASE\NIST02.L
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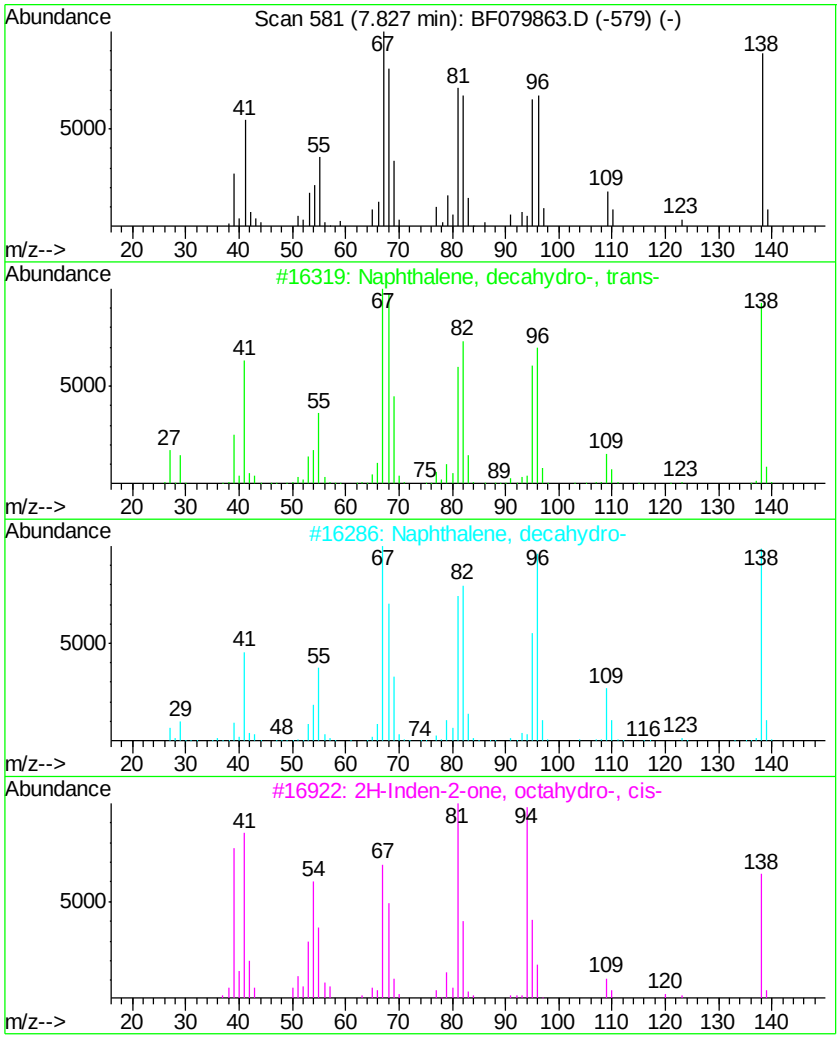
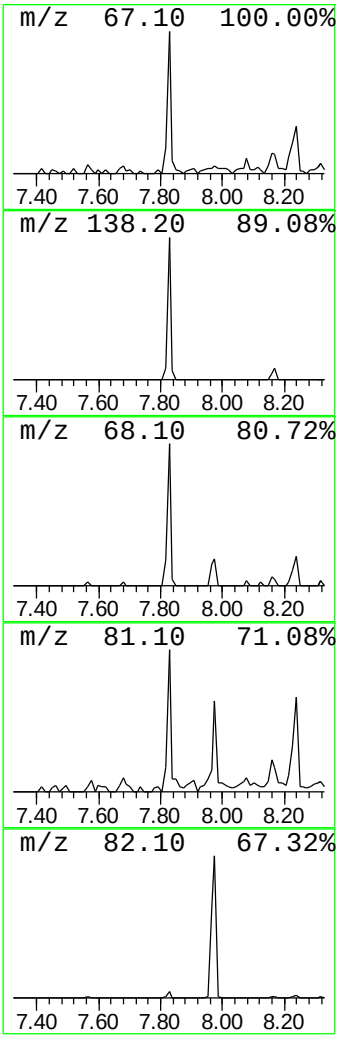
Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	8.59 ng	122885	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
5	Cyclodecene	138	C10H18	003618-12-0	76





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Sample : G2536-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P5-12A(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
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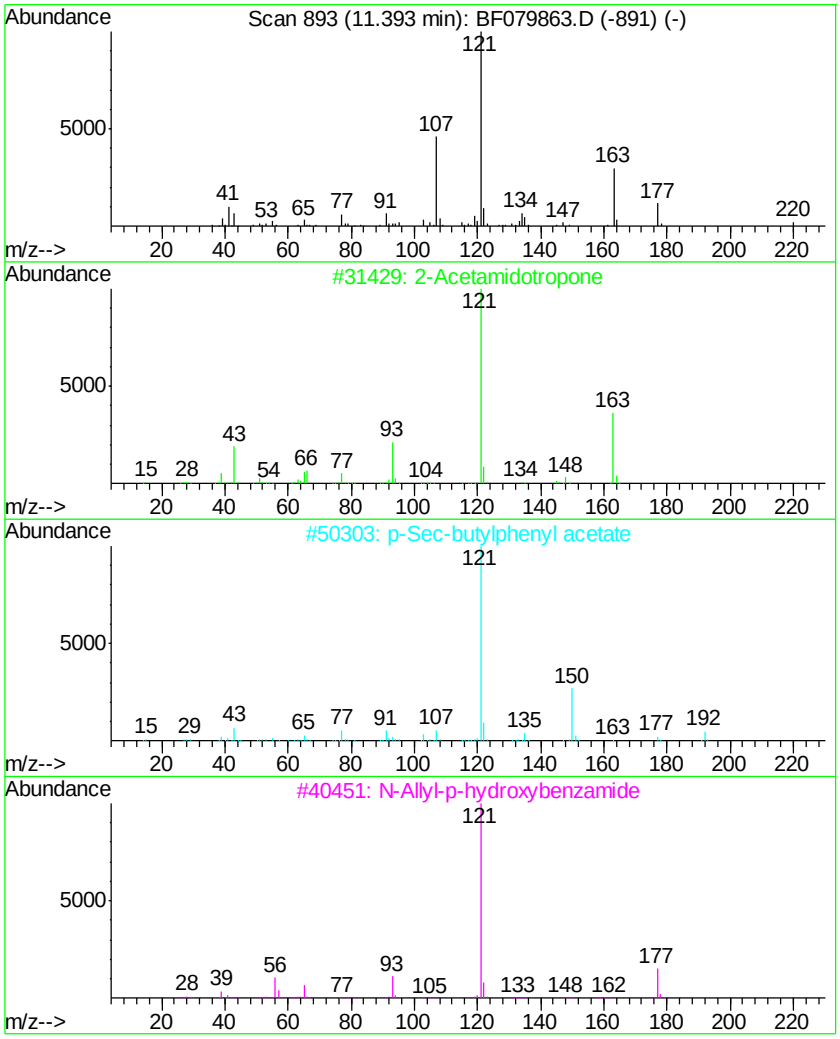
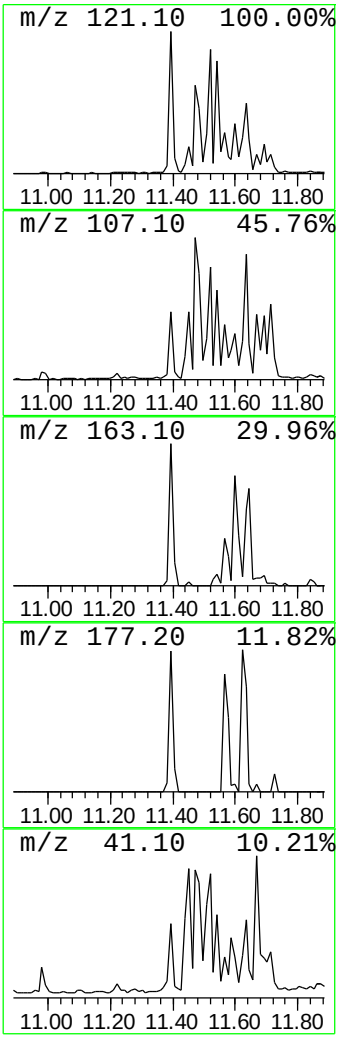
****

Peak Number 9 unknown11.39 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.54 ng	158688	Phenanthrene-d10	12.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
2	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
3	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
4	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	40
5	Ethanone, 1-(4-propoxyphenyl)-	178	C11H14O2	005736-86-7	40





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Instrument : BNA_F
ClientSampleId : P5-12A(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
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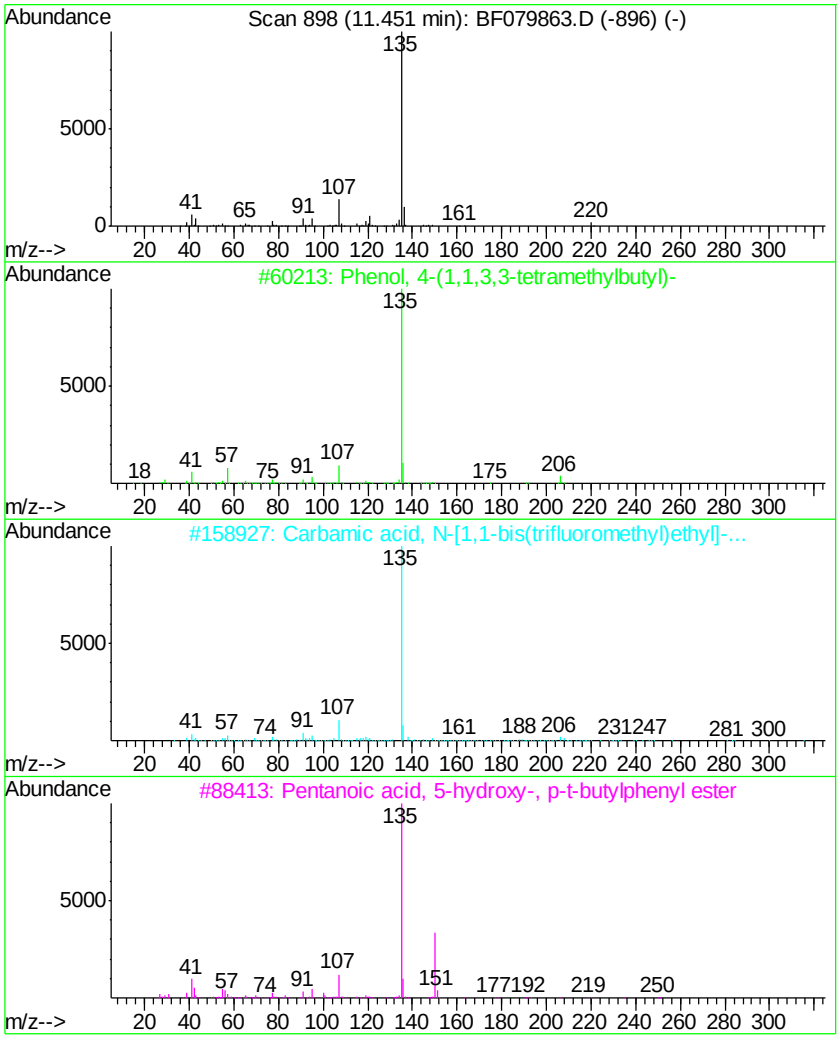
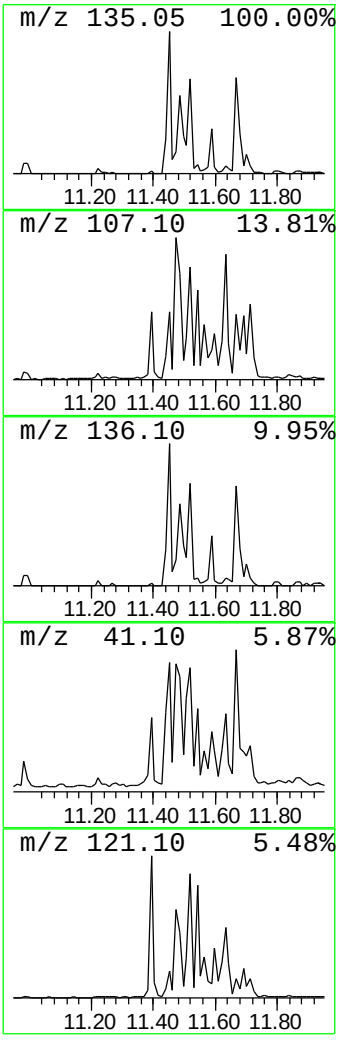
****

Peak Number 10 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	15.41 ng	373548	Phenanthrene-d10	12.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	56
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	47
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	43





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
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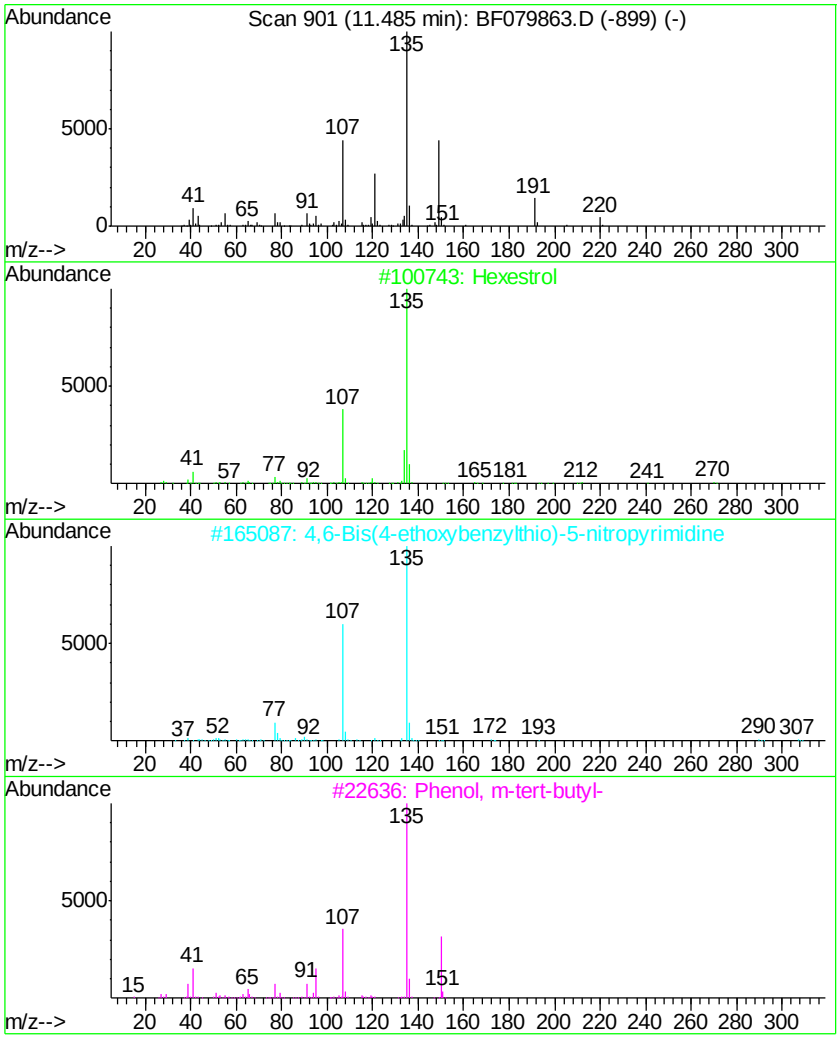
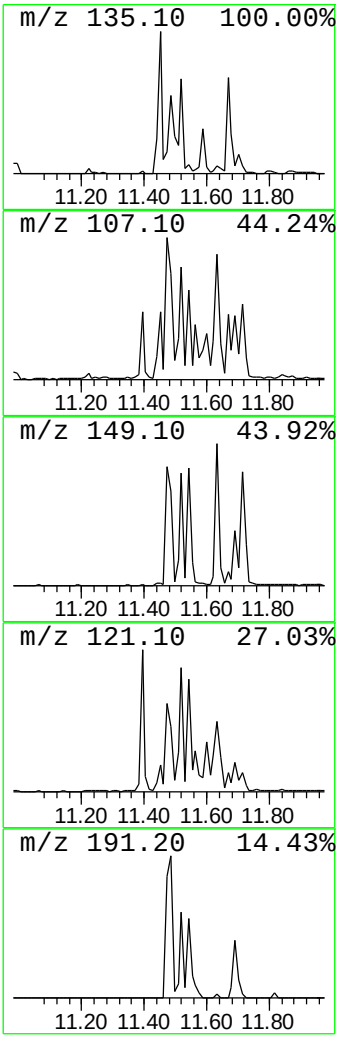
Peak Number 11 Hexestrol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	23.60 ng	572280	Phenanthrene-d10	12.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol	270	C18H22O2	005635-50-7	50
2	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	50
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
4	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	43
5	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	43





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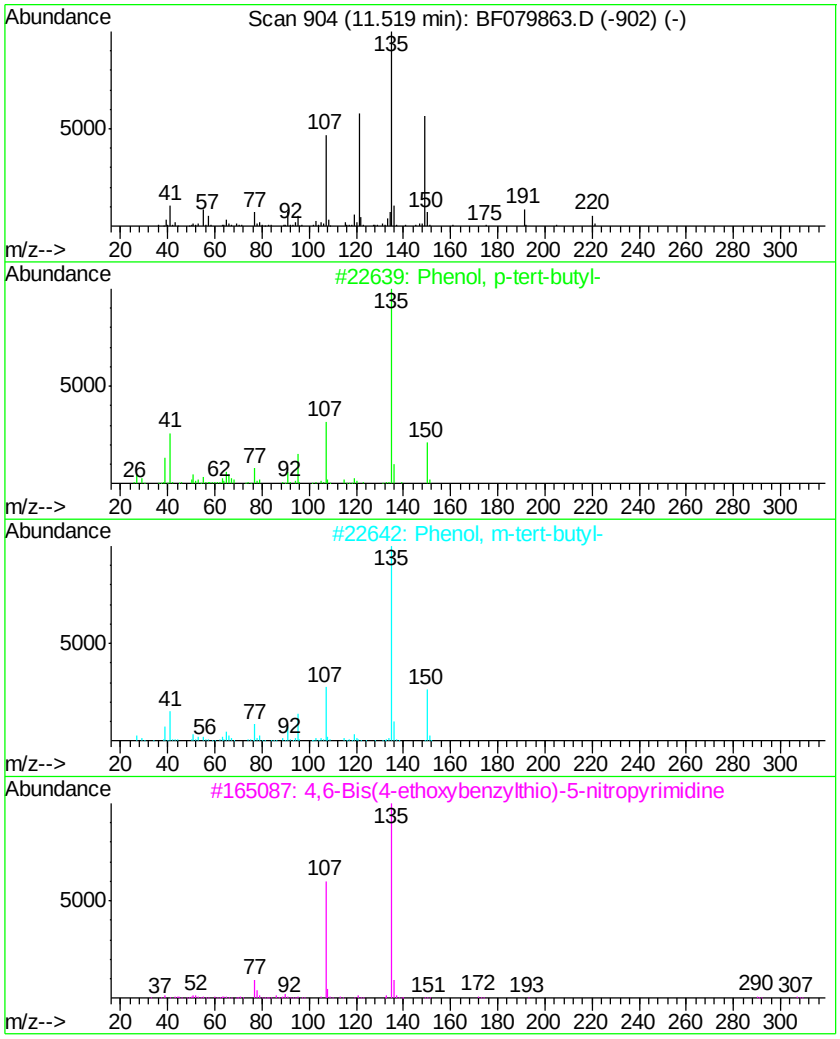
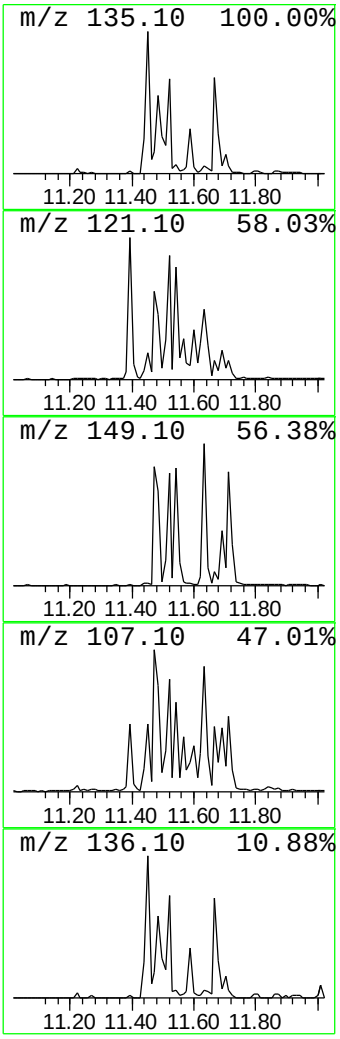
****

Peak Number 12 Phenol, p-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	18.51 ng	448698	Phenanthrene-d10	12.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
3	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	50
4	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	43
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	42





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TIC Library : C:\DATABASE\NIST02.L
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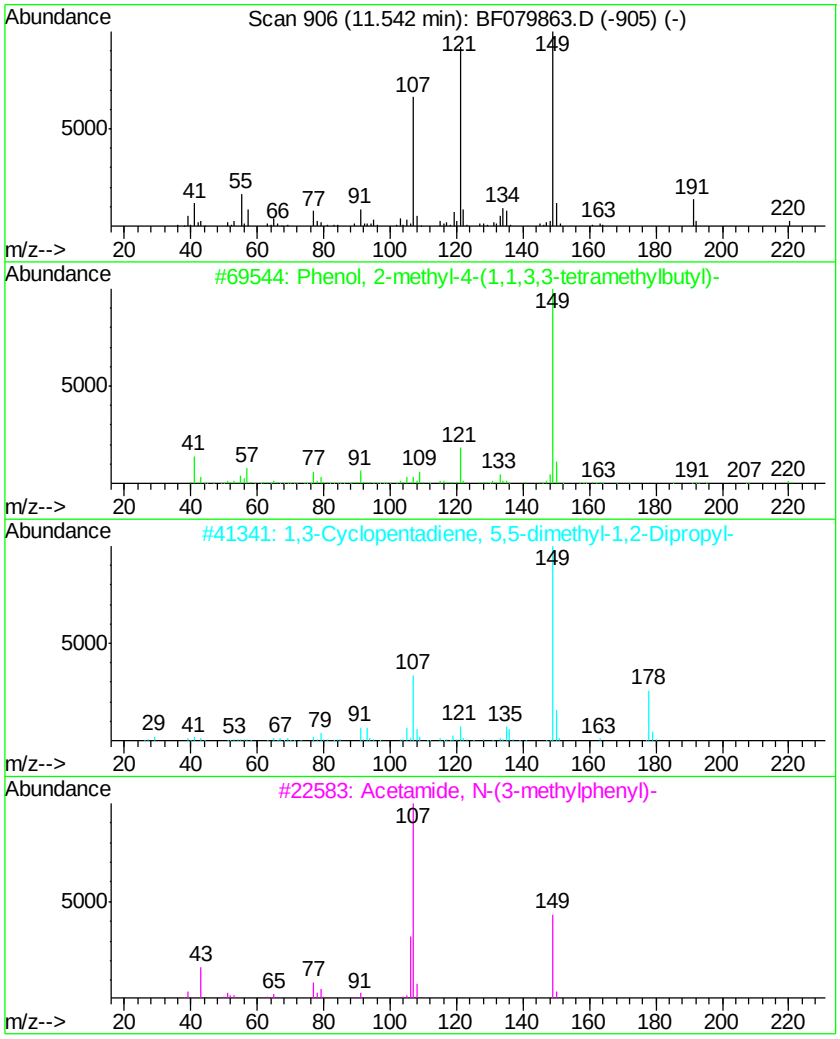
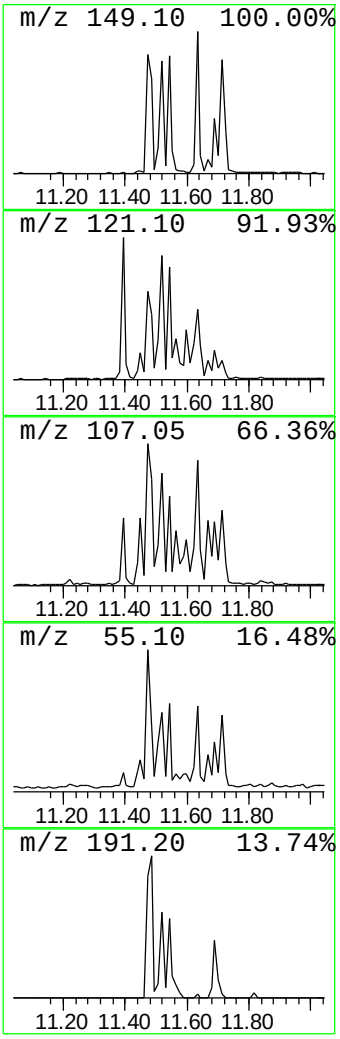
Peak Number 13 unknown11.54 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	8.73 ng	211582	Phenanthrene-d10	12.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
2	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	38
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	30
5	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	27





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.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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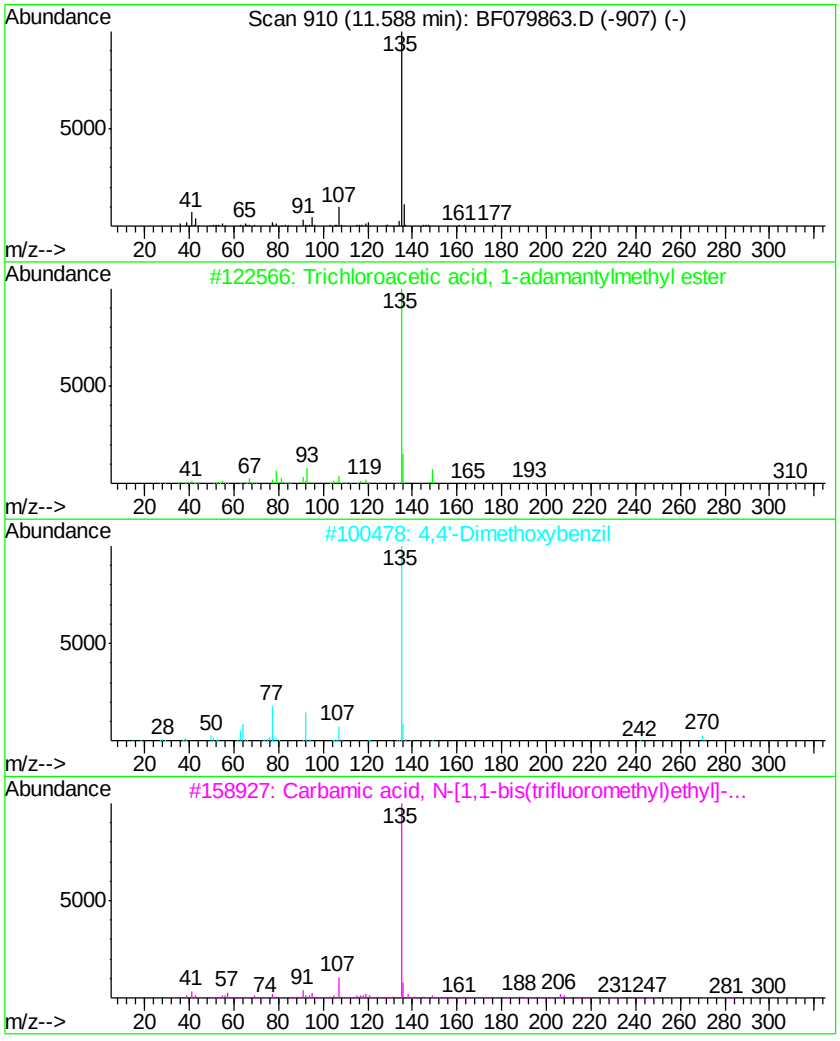
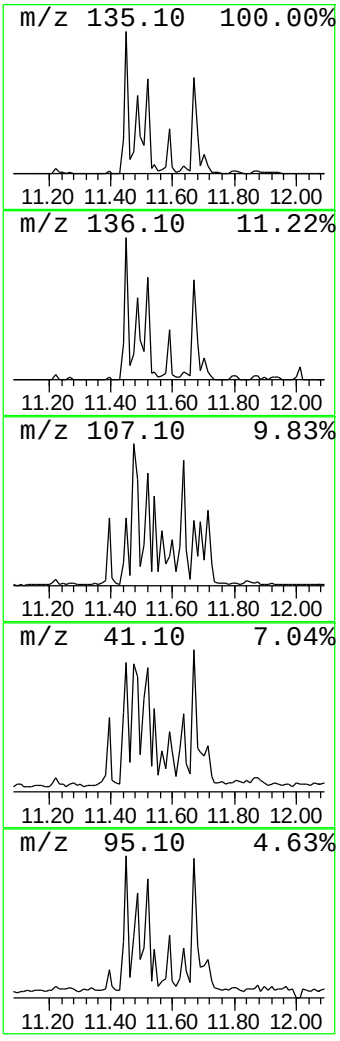
Peak Number 14 Trichloroacetic acid, 1-ada... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	11.78 ng	285686	Phenanthrene-d10	12.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 1-adamanty...	310	C13H17Cl3O2	1000282-92-0	50
2	4,4'-Dimethoxybenzil	270	C16H14O4	001226-42-2	50
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	40
4	Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	40
5	1-Adamantanecarboxylic acid, 2-a...	314	C21H30O2	1000282-94-3	39





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
Data File : BF079863.D
Acq On : 10 Jun 2015 14:21
Operator : TP/IZ
Sample : G2536-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P5-12A(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.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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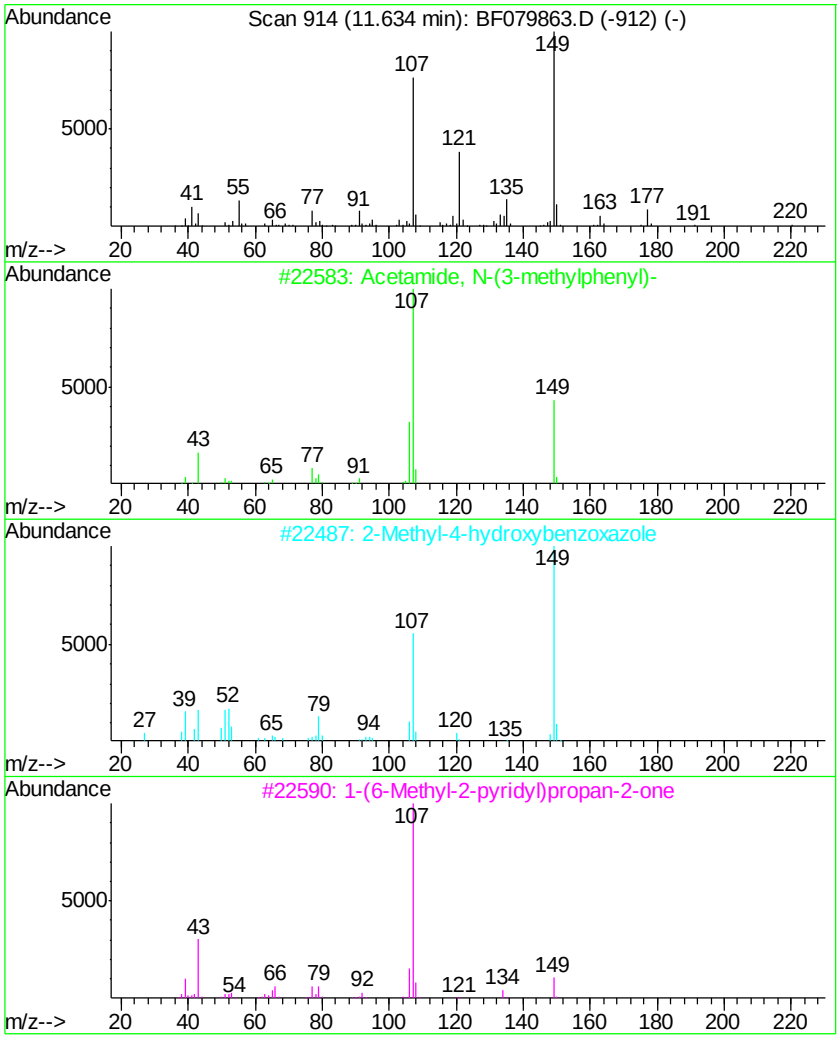
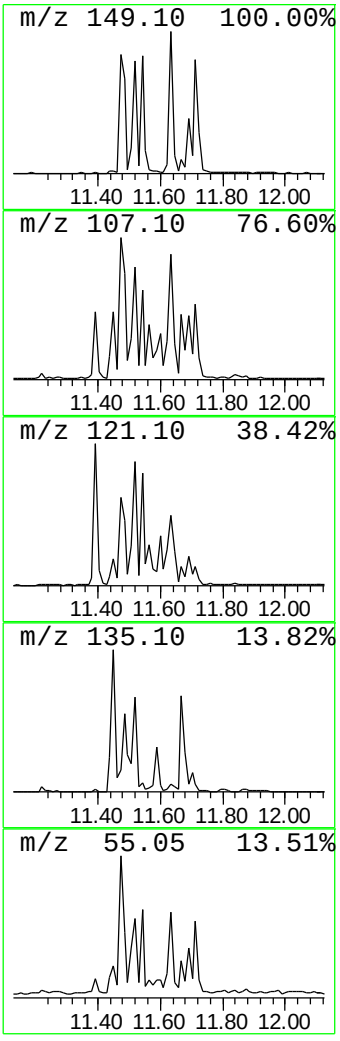
Peak Number 15 Acetamide, N-(3-methylphenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	13.16 ng	319132	Phenanthrene-d10	12.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
3	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	64
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	43
5	Oxirane, [(4-ethylphenoxy)methyl]-	178	C11H14O2	002930-02-1	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
Data File : BF079863.D
Acq On : 10 Jun 2015 14:21
Operator : TP/IZ
Sample : G2536-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P5-12A(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.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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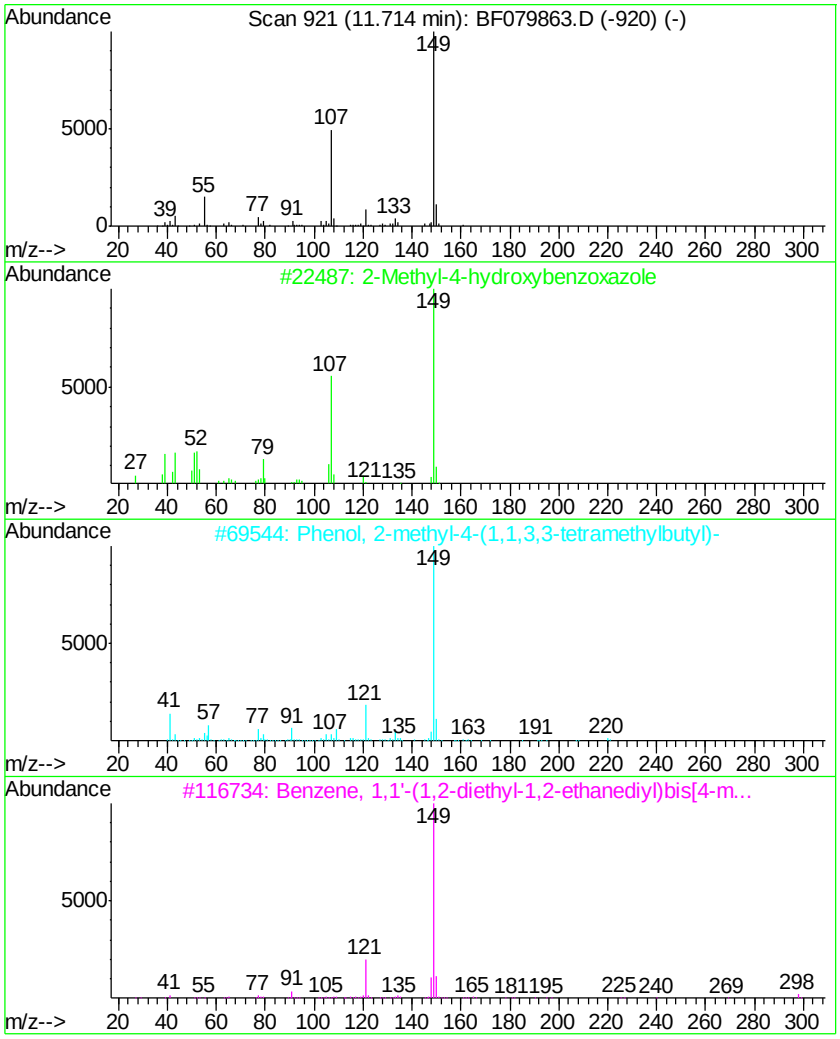
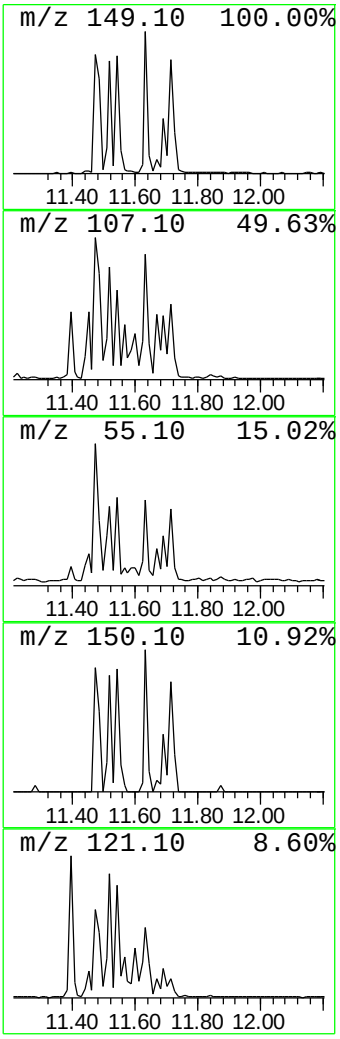
Peak Number 17 unknown11.71 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	5.98 ng	145066	Phenanthrene-d10	12.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	40
3	Benzene, 1,1'-(1,2-diethyl-1,2-e...	298	C20H26O2	000130-78-9	28
4	Benzaldehyde, 3-pentachloropheno...	412	C15H9Cl5O3	329222-74-4	28
5	2-t-Butyl-5-[hydroxy-(2,4,6-trim...	306	C18H26O4	092572-63-9	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
Data File : BF079863.D
Acq On : 10 Jun 2015 14:21
Operator : TP/IZ
Sample : G2536-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P5-12A(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.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
Ethene, 1,2-dichl...	1.40	14.4	ng	206423	1	7.42	286252	20.0
Butane, 2-methoxy...	2.75	27.9	ng	400087	1	7.42	286252	20.0
unknown7.19	7.19	73.1	ng	1045620	1	7.42	286252	20.0
Naphthalene, deca...	7.83	8.6	ng	122885	1	7.42	286252	20.0
unknown11.39	11.39	6.5	ng	158688	4	12.01	484941	20.0
Phenol, 4-(1,1,3,...	11.45	15.4	ng	373548	4	12.01	484941	20.0
Hexestrol	11.48	23.6	ng	572280	4	12.01	484941	20.0
Phenol, p-tert-bu...	11.52	18.5	ng	448698	4	12.01	484941	20.0
unknown11.54	11.54	8.7	ng	211582	4	12.01	484941	20.0
Trichloroacetic a...	11.59	11.8	ng	285686	4	12.01	484941	20.0
Acetamide, N-(3-m...	11.63	13.2	ng	319132	4	12.01	484941	20.0
unknown11.71	11.71	6.0	ng	145066	4	12.01	484941	20.0