LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090536.D
Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

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-BF101116.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	3.468	97	99	115	rBV5	18985	97546	1.48%	0.164%
2	4.406	179	181	184	rBV	40811	67656	1.02%	0.114%
3	4.463	184	186	197	rVB	40326	70391	1.07%	0.118%
4	4.771	211	213	233	rBV	1327052	2299141	34.80%	3.860%
5	5.137	243	245	255	rBV	458895	593945	8.99%	0.997%
6	5.411	266	269	278	rBV3	238740	924469	13.99%	1.552%
7	5.583	282	284	290	rVV	755702	1413517	21.39%	2.373%
8	5.663	290	291	300	rVB	317325	517859	7.84%	0.869%
9	6.177	332	336	342	rBV	77054	268360	4.06%	0.451%
10	6.314	342	348	358	rVB6	31500	155374	2.35%	0.261%
11	6.497	358	364	367	rBV2	129667	335800	5.08%	0.564%
12	6.589	370	372	381	rVV2	655136	1433673	21.70%	2.407%
13	6.714	381	383	394	rVV	2091826	3173084	48.03%	5.327%
14	6.943	401	403	414	rVB	840713	1276406	19.32%	2.143%
15	7.103	414	417	425	rBV	4128847	4860102	73.56%	8.159%
16	7.206	425	426	430	rVB2	46275	84166	1.27%	0.141%
17	7.366	437	440	445	rBV	307445	704633	10.66%	1.183%
18	7.514	450	453	455	rBV	2719868	3262523	49.38%	5.477%
19	7.629	461	463	469	rVB	268050	288428	4.37%	0.484%
20	8.029	496	498	503	rVB2	60193	84354	1.28%	0.142%
21	8.109	503	505	506	rBV	74608	83760	1.27%	0.141%
22	8.143	506	508	510	rVB	88406	105937	1.60%	0.178%
23	8.200	510	513	514	rBV	71422	82161	1.24%	0.138%
24	8.257	514	518	521	rVV2	1821278	3647274	55.20%	6.123%
25	8.303	521	522	529	rVV3	178718	350709	5.31%	0.589%
26	8.497	533	539	545	rBV2	43375	122048	1.85%	0.205%
27	8.829	565	568	573	rBV	1093724	1268795	19.20%	2.130%
28	8.955	576	579	582	rVV	174067	246589	3.73%	0.414%
29	9.046	585	587	591	rVB2	234219	291048	4.41%	0.489%
30	9.309	607	610	613	rBV	4727775	6575323	99.52%	11.039%
31	9.412	617	619	623	rVB2	107338	182615	2.76%	0.307%
32	9.572	630	633	638	rBV5	107422	283347	4.29%	0.476%
33	9.652	638	640	643	rVV2	110155	221256	3.35%	0.371%
34	9.709	643	645	647	rVV	80988	107615	1.63%	0.181%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090536.D
Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

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-BF101116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.766	648	650	655	rVB	72941	86232	1.31%	0.145%
36	9.846	655	657	660	rBV	57857	94352	1.43%	0.158%
37	9.995	667	670	671	rBV	1884831	1969352	29.81%	3.306%
38	10.029	671	673	675	rVV2	190415	265454	4.02%	0.446%
39	10.120	677	681	682	rBV	54244	88793	1.34%	0.149%
40	10.200	685	688	690	rBV	757370	871146	13.19%	1.462%
41	10.418	702	707	709	rBV3	63978	103272	1.56%	0.173%
42	10.543	715	718	720	rBV	3393792	3216566	48.68%	5.400%
43	10.692	730	731	736	rVB2	92667	138823	2.10%	0.233%
44	10.783	736	739	742	rBV	3013499	3029806	45.86%	5.086%
45	10.909	746	750	754	rVB2	247221	339959	5.15%	0.571%
46	11.092	762	766	767	rBV2	80582	145562	2.20%	0.244%
47	11.286	780	783	785	rBV2	58078	106121	1.61%	0.178%
48	11.378	789	791	797	rVB	132405	189029	2.86%	0.317%
49	11.480	797	800	801	rBV	2230595	2138487	32.37%	3.590%
50	11.549	804	806	808	rVB2	118710	186875	2.83%	0.314%
51	11.709	817	820	824	rBV2	151863	236141	3.57%	0.396%
52	12.006	845	846	849	rBV3	76197	86985	1.32%	0.146%
53	12.098	852	854	857	rVB2	72509	111093	1.68%	0.187%
54	12.692	905	906	909	rVB	169316	181235	2.74%	0.304%
55	12.921	923	926	933	rVB2	147827	229759	3.48%	0.386%
56	13.069	936	939	942	rBV	6685950	6606988	100.00%	11.092%
57	13.961	1015	1017	1020	rBV2	71725	71523	1.08%	0.120%
58	14.121	1028	1031	1037	rVB	2029736	1995119	30.20%	3.349%
59	15.161	1119	1122	1127	rVB	68106	146657	2.22%	0.246%
60	15.595	1157	1160	1163	rBV	1006854	1307836	19.79%	2.196%
61	16.532	1239	1242	1250	rVB3	25136	74847	1.13%	0.126%
62	17.252	1302	1305	1312	rVB3	22460	67991	1.03%	0.114%

Sum of corrected areas: 59565907

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Data File : BF090536.D
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Sample : H5153-03
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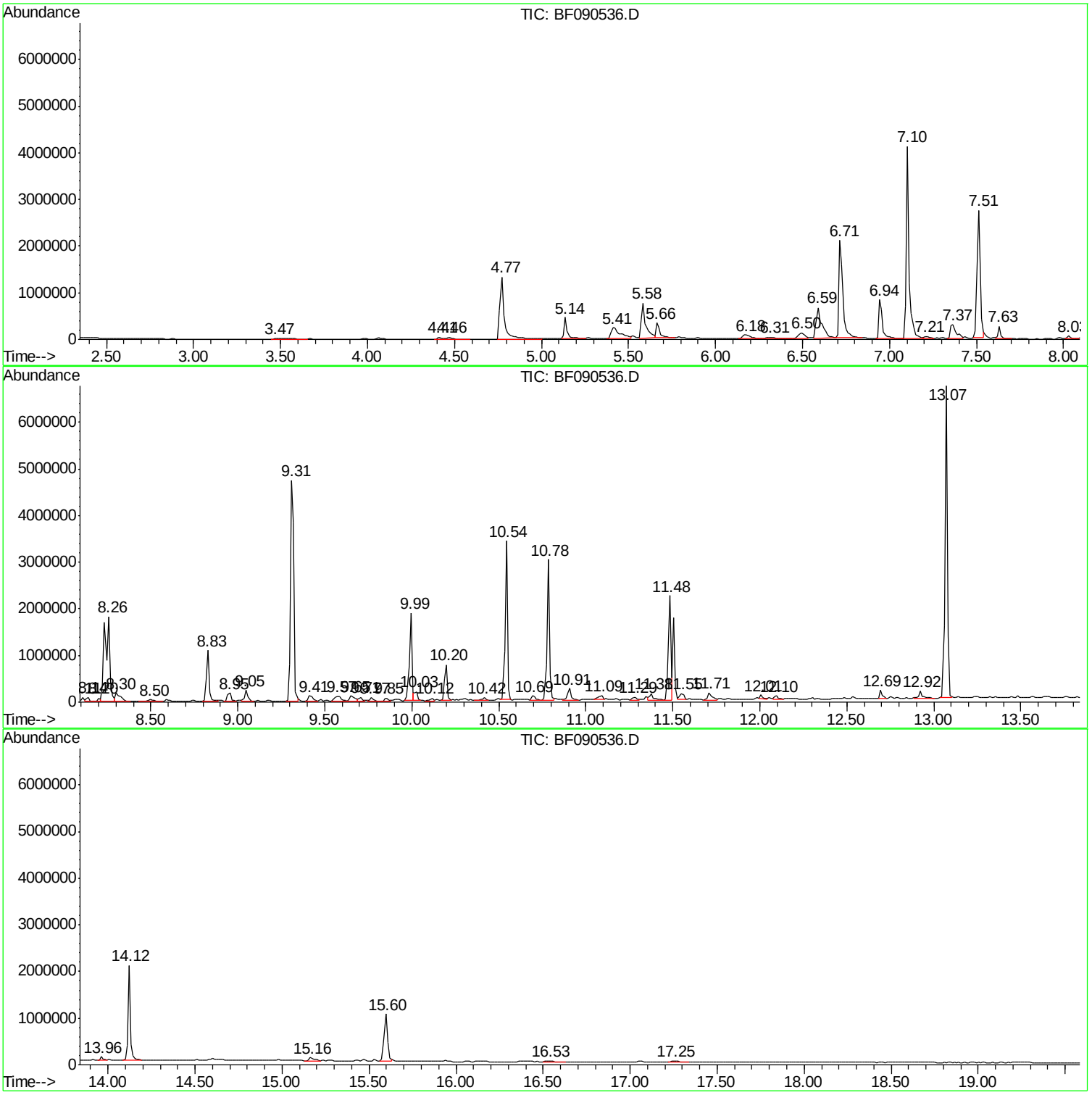
Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090536.D
Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
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Instrument :
BNA_F
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AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

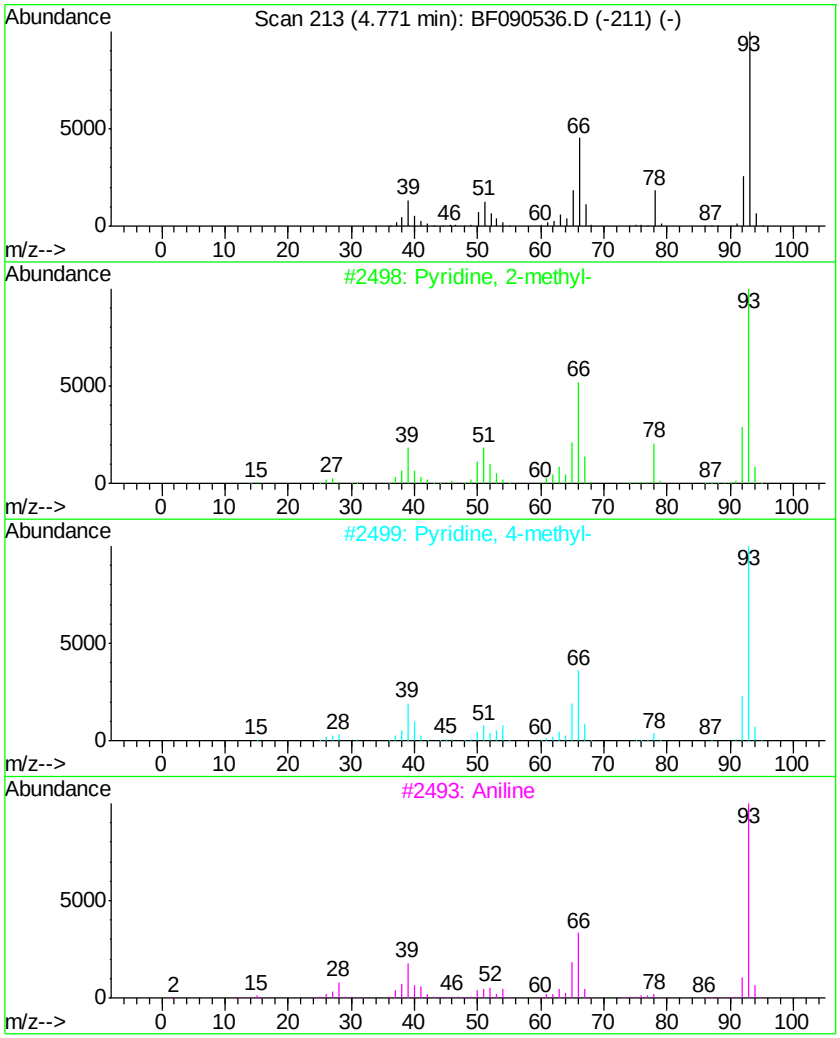
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

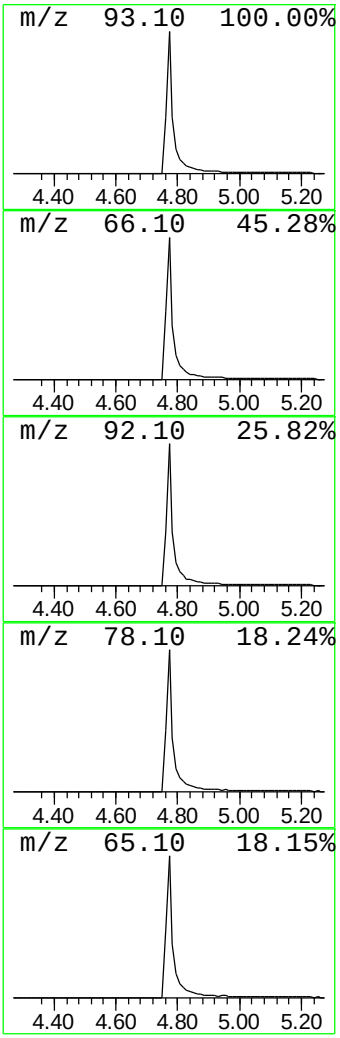
****

Peak Number 1 Pyridine, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	36.03 ng	2299140	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	95
2	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	91
3	Aniline	93	C6H7N	000062-53-3	86
4	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	70
5	1H-Pyrazole-4-carbonitrile	93	C4H3N3	031108-57-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090536.D
Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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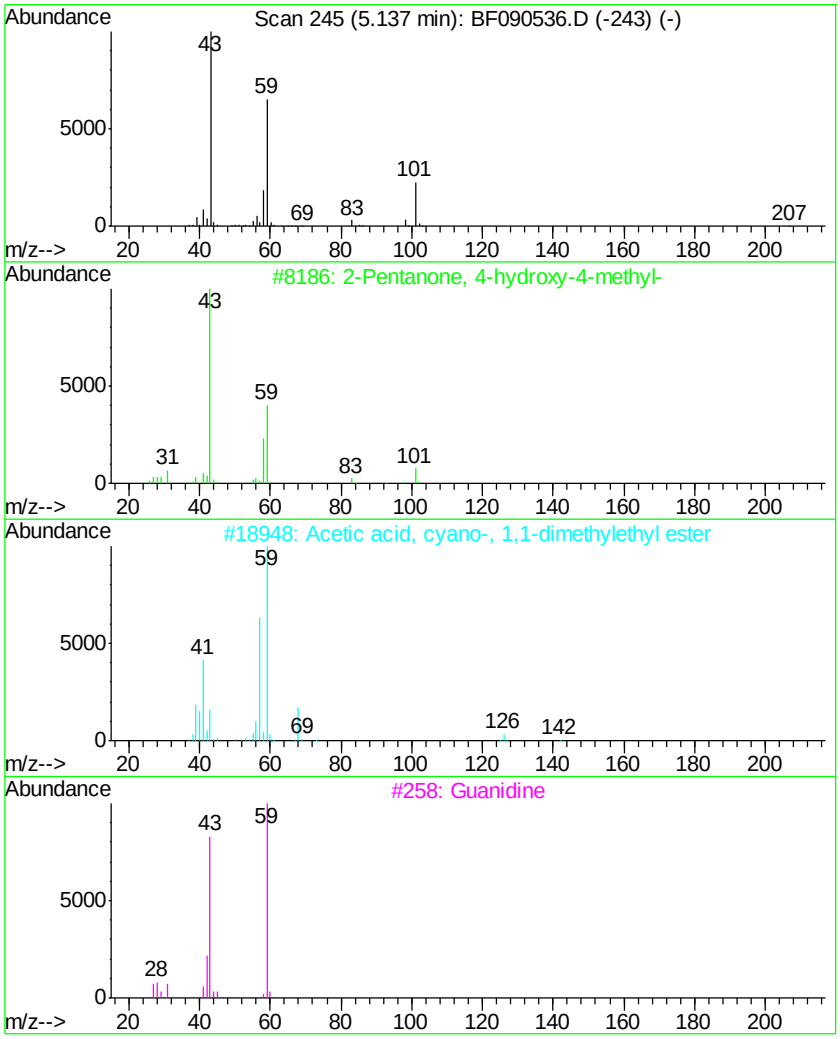
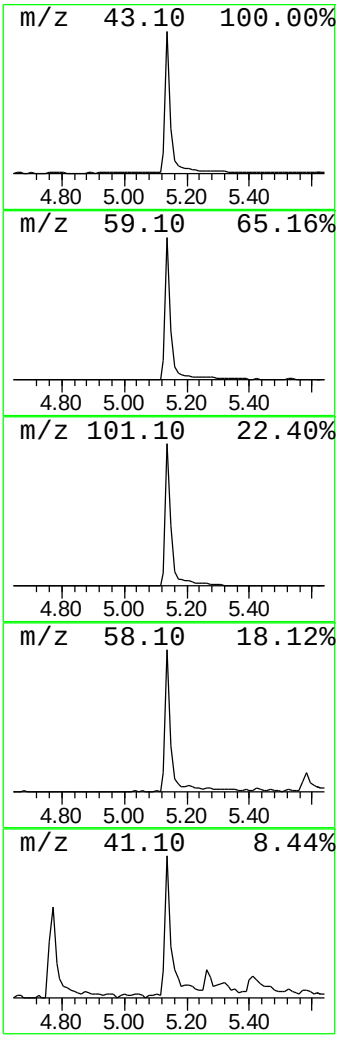
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	9.31 ng	593945	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Guanidine	59	CH5N3	000113-00-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090536.D
Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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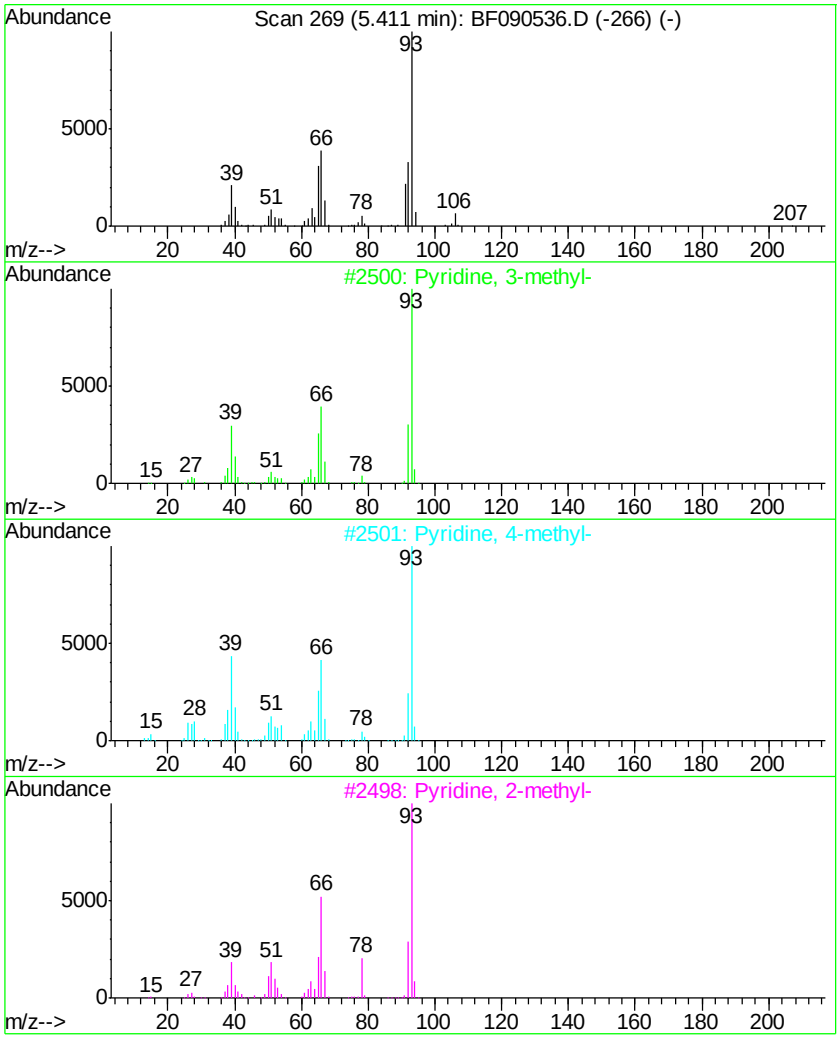
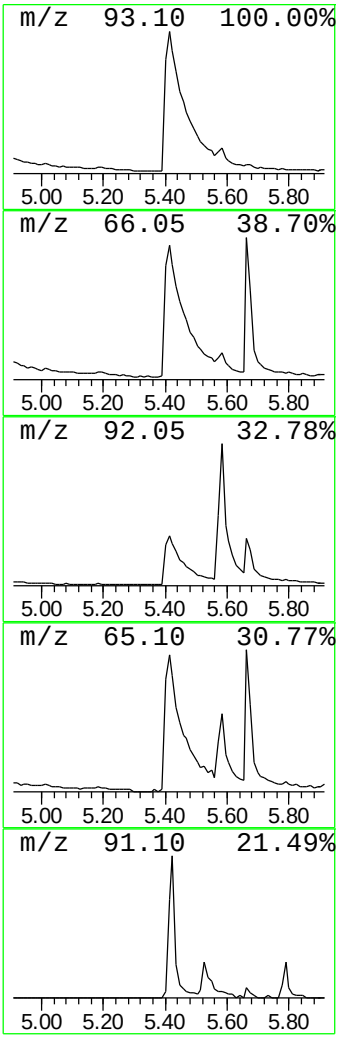
Peak Number 3 Pyridine, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	14.49 ng	924469	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	96
2	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	91
3	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	91
4	Aniline	93	C6H7N	000062-53-3	87
5	2-Pyridineacetic acid	137	C7H7NO2	013115-43-0	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090536.D
Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

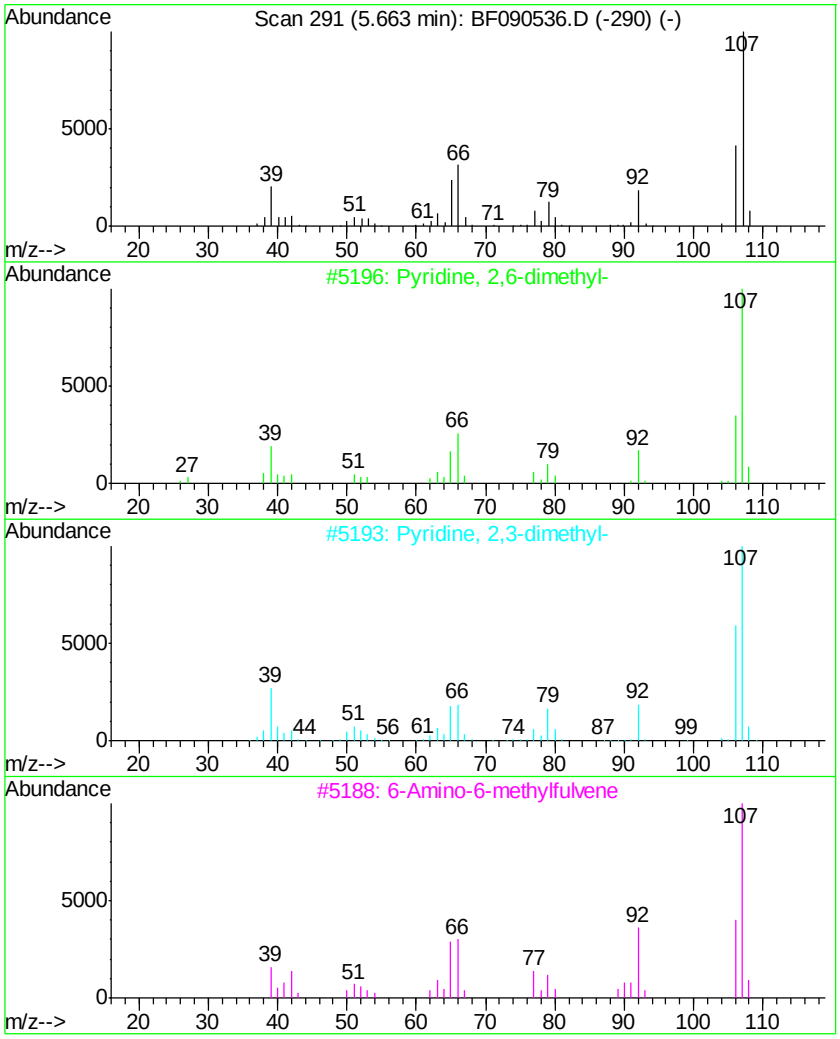
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

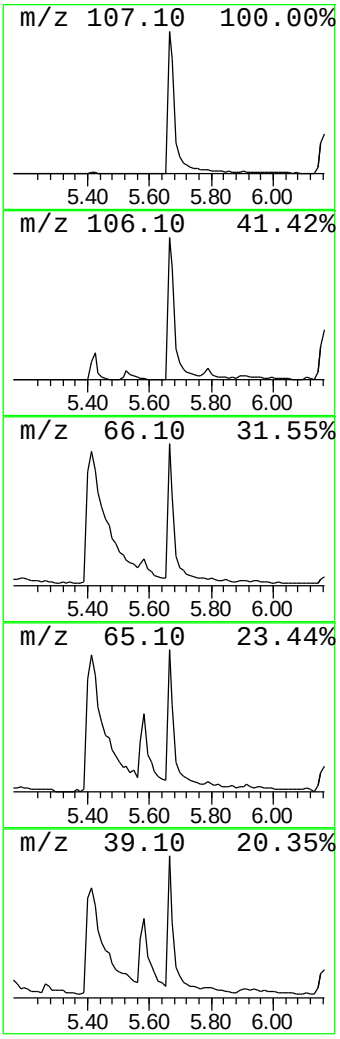
****

Peak Number 4 Pyridine, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	8.11 ng	517859	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	94
2	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	91
3	6-Amino-6-methylfulvene	107	C7H9N	000694-74-6	64
4	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	49
5	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	38





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Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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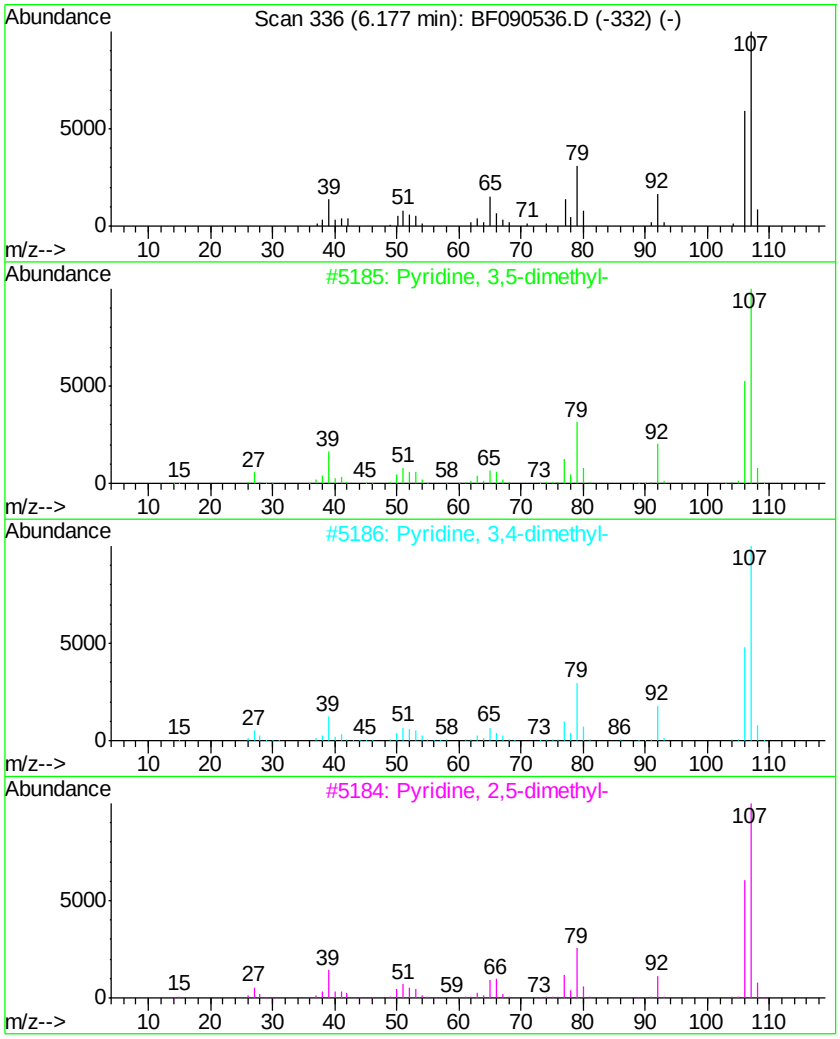
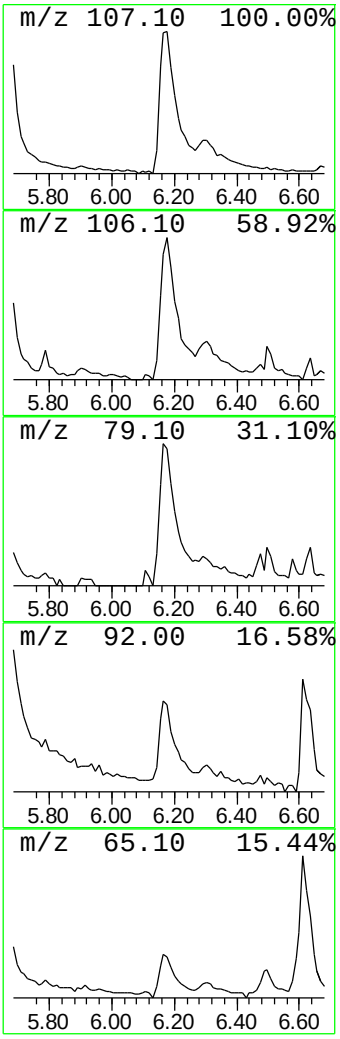
Peak Number 5 Pyridine, 3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	4.20 ng	268360	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	97
2	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	94
3	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	94
4	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	91
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	90





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Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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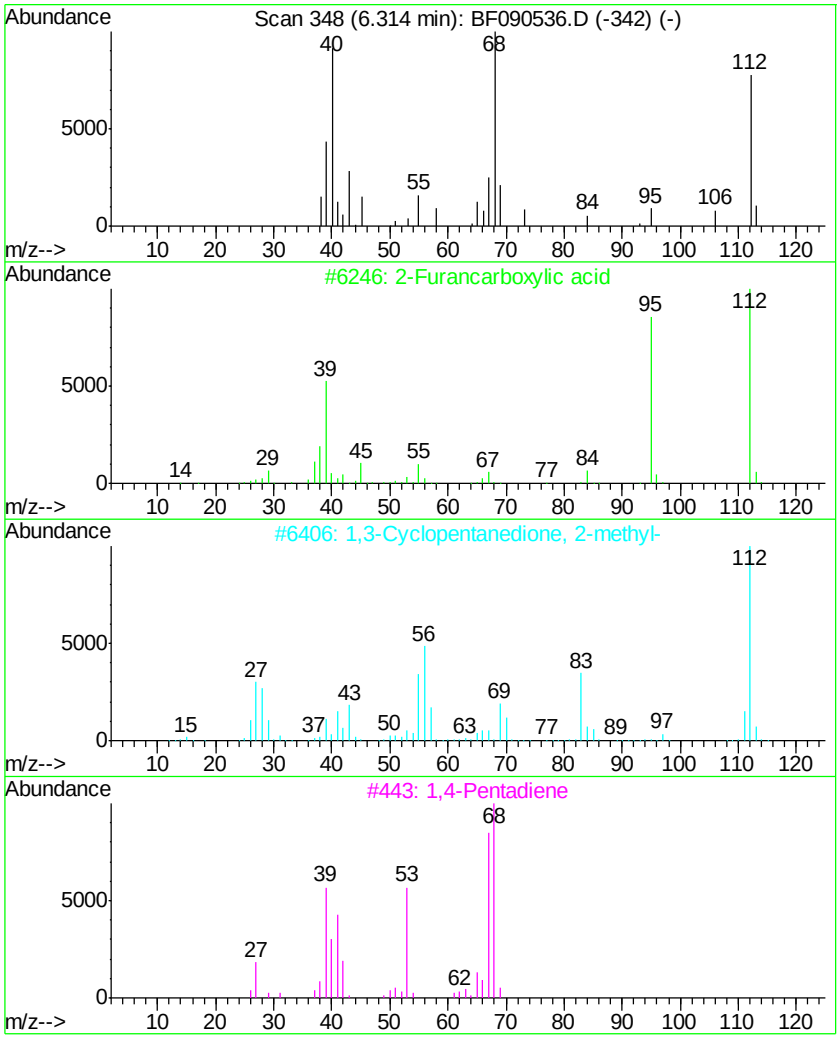
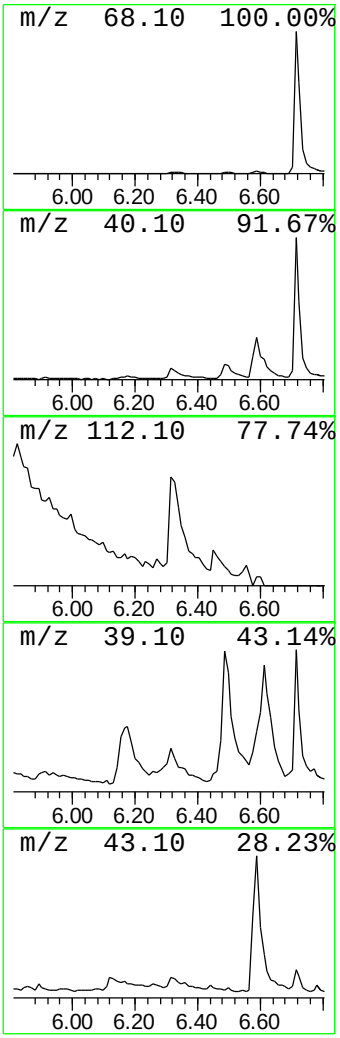
Peak Number 6 unknown6.31 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	2.43 ng	155374	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	43
2	1,3-Cyclopentanedione, 2-methyl-	112	C6H8O2	000765-69-5	27
3	1,4-Pentadiene	68	C5H8	000591-93-5	25
4	2,3-Pentadiene	68	C5H8	000591-96-8	25
5	1H-Imidazole-4-carboxylic acid	112	C4H4N2O2	001072-84-0	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090536.D
Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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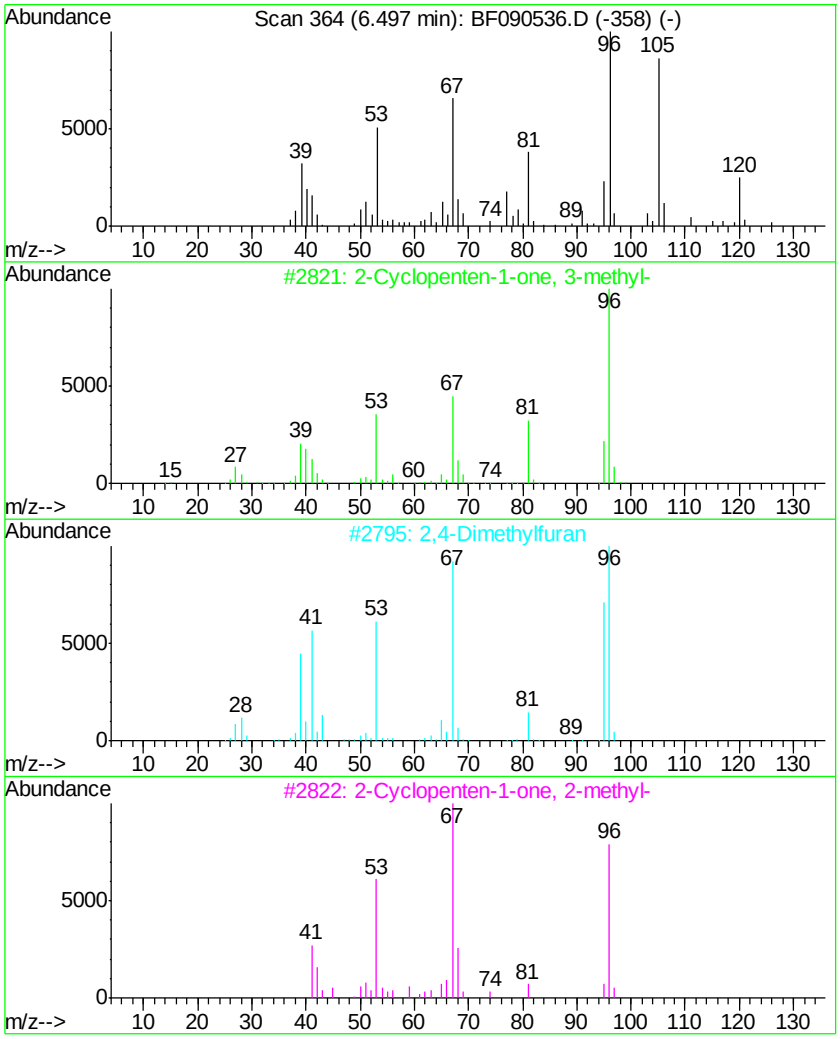
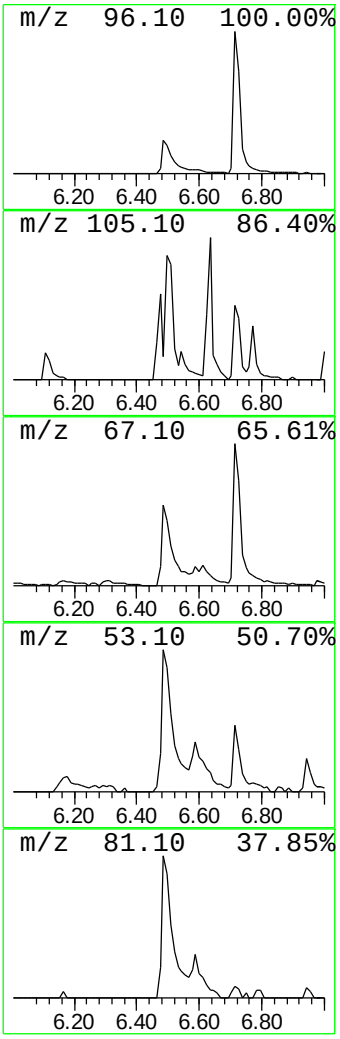
Peak Number 7 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	5.26 ng	335800	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	81
2	2,4-Dimethylfuran	96	C6H8O	003710-43-8	68
3	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	64
4	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	58
5	3-(2,2,4-Trimethylcyclohex-3-eny...	194	C12H18O2	1000215-26-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090536.D
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Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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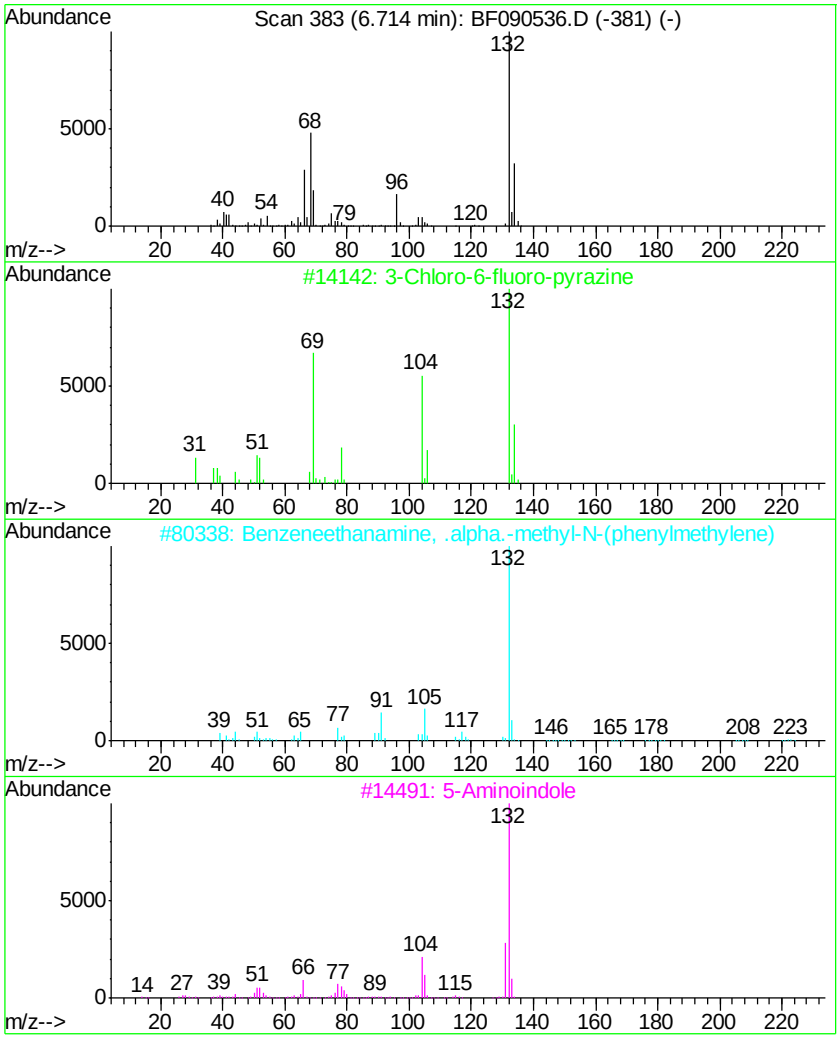
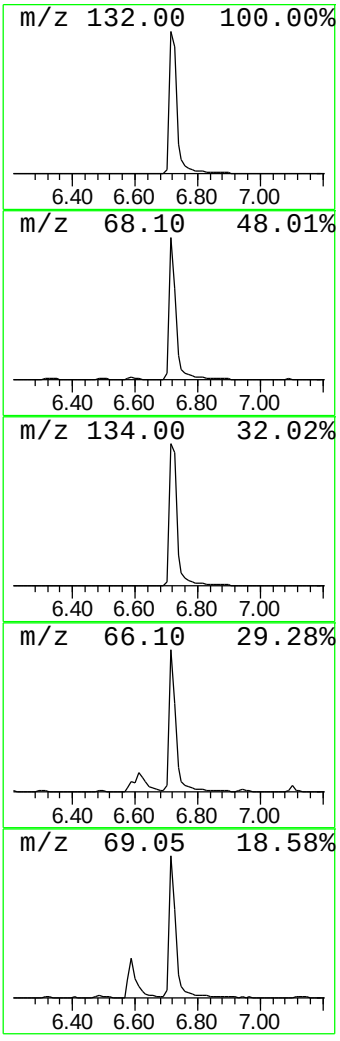
Peak Number 8 unknown6.71 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	49.72 ng	3173080	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Benzeneethanamine, .alpha.-methy...	223	C16H17N	002980-02-1	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Data File : BF090536.D
Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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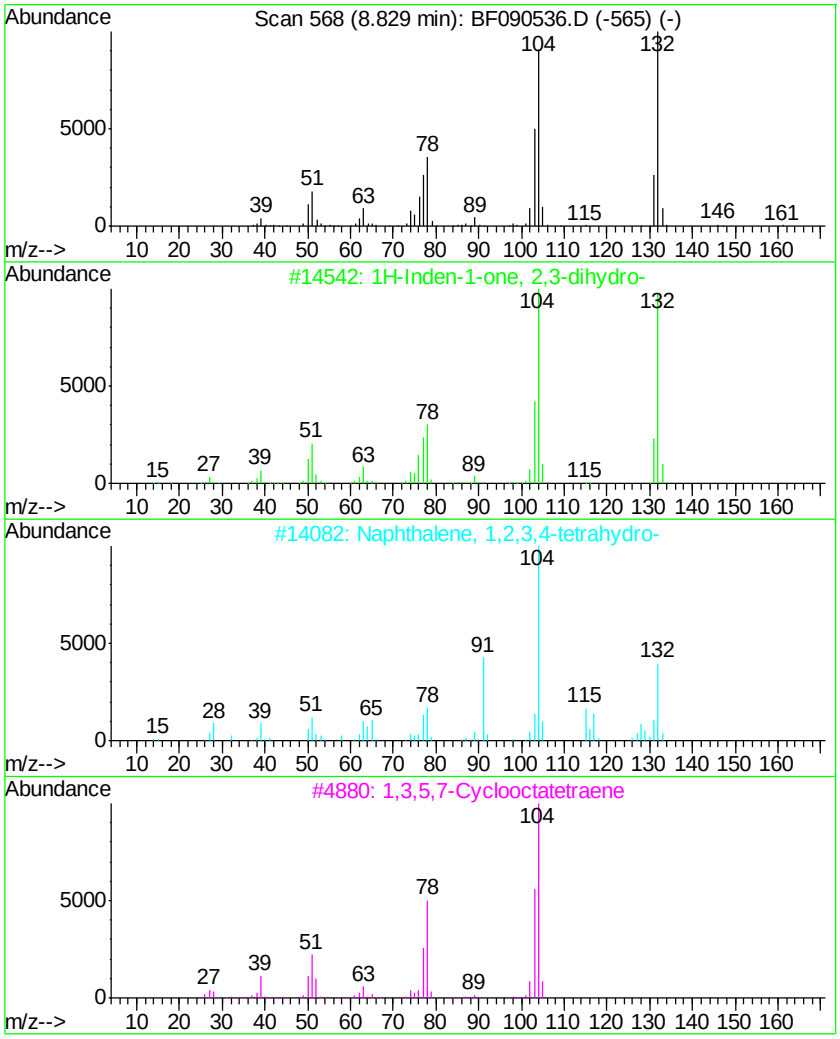
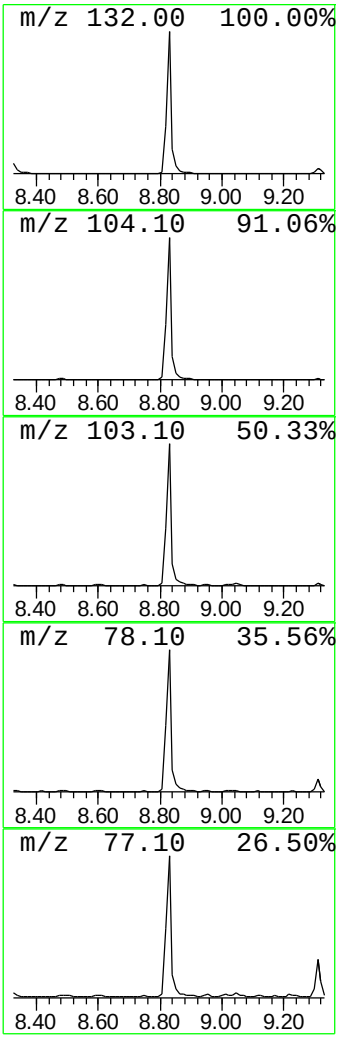
Peak Number 10 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	6.96 ng	1268800	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	98
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	72
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	60
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	59
5	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	59





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Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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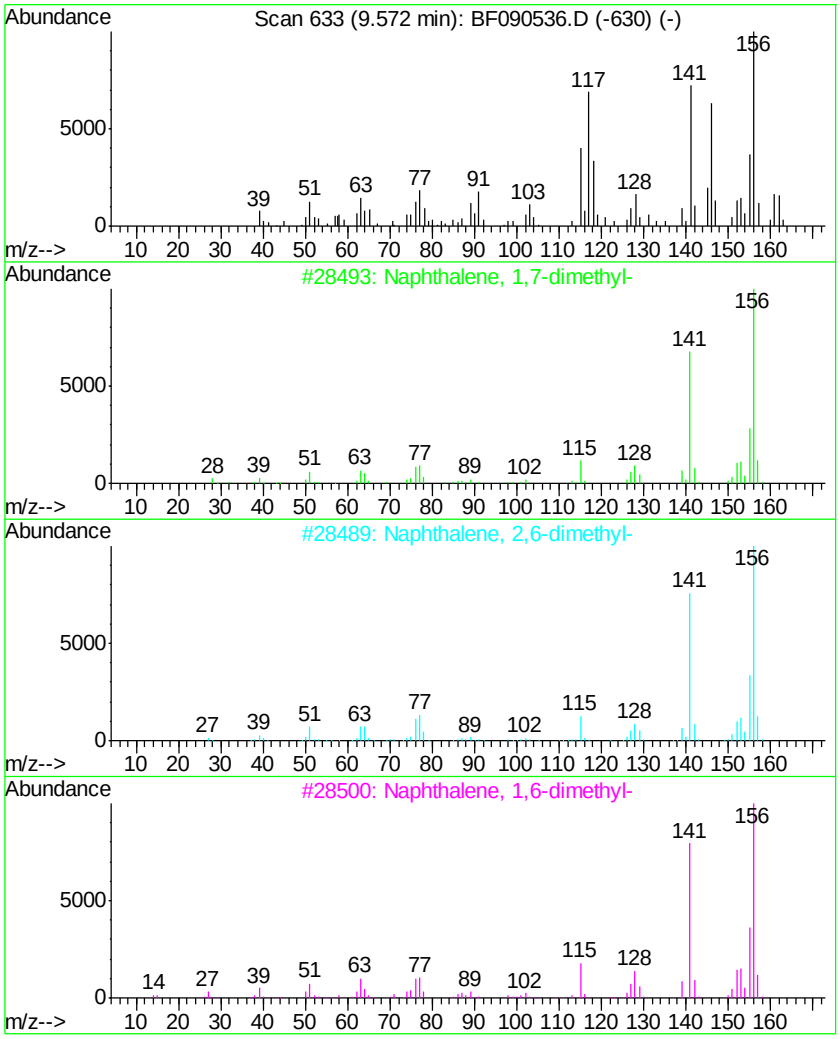
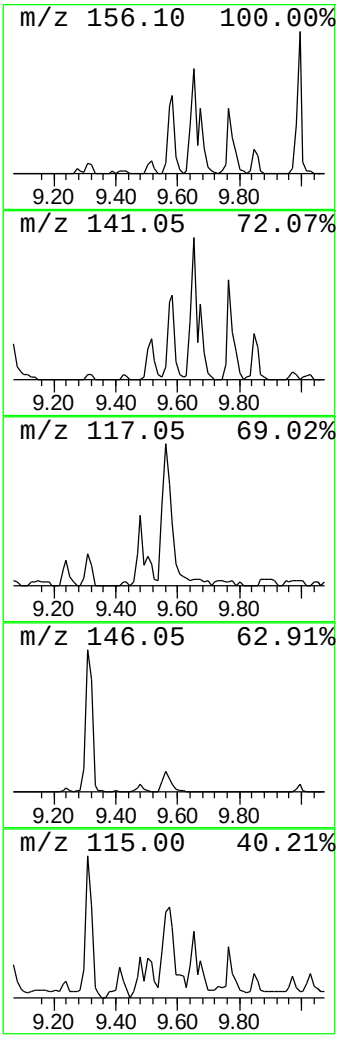
Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	2.88 ng	283347	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	89





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Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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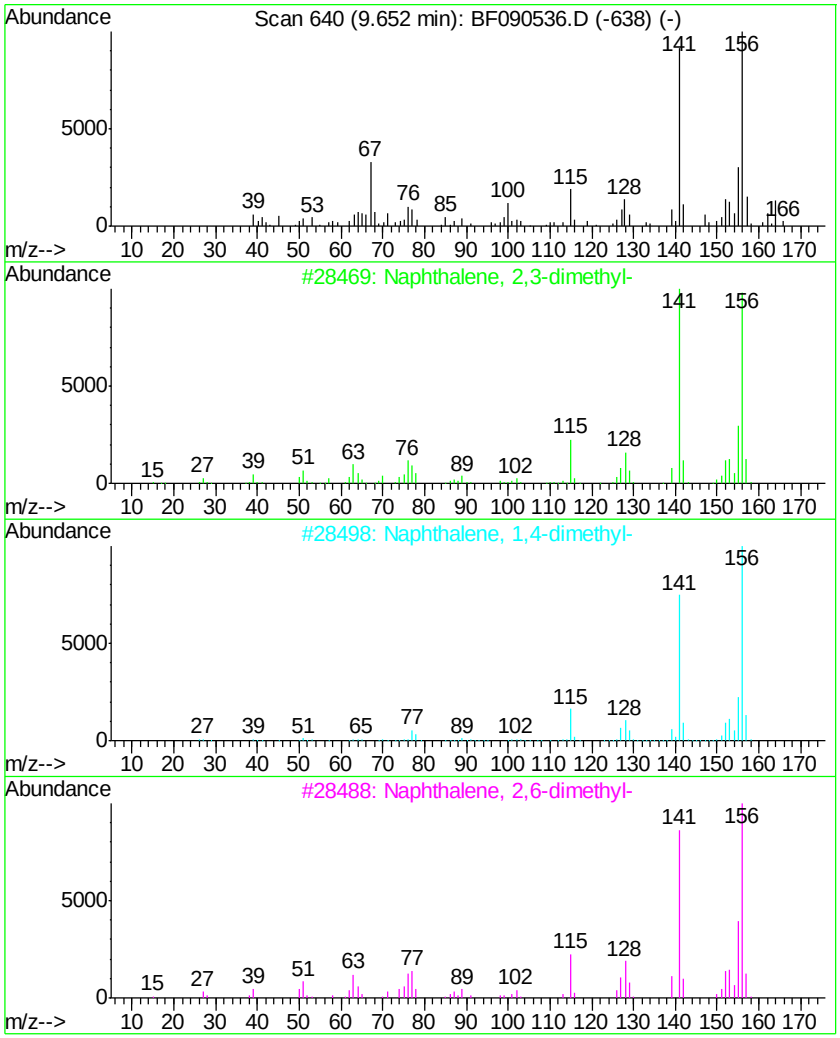
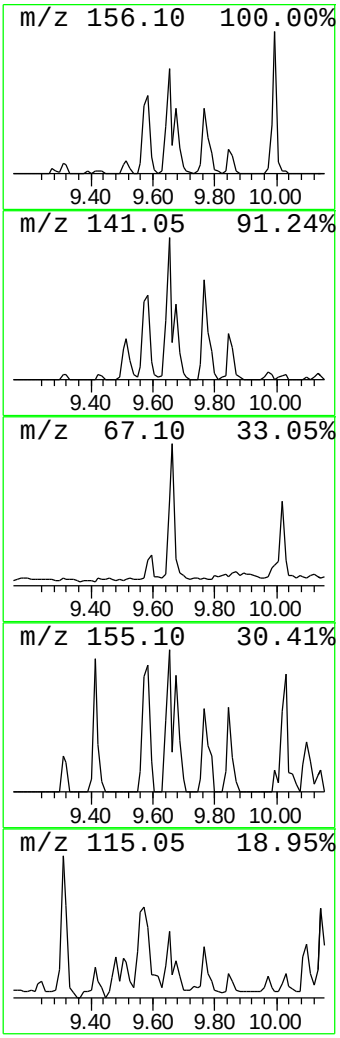
Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	2.25 ng	221256	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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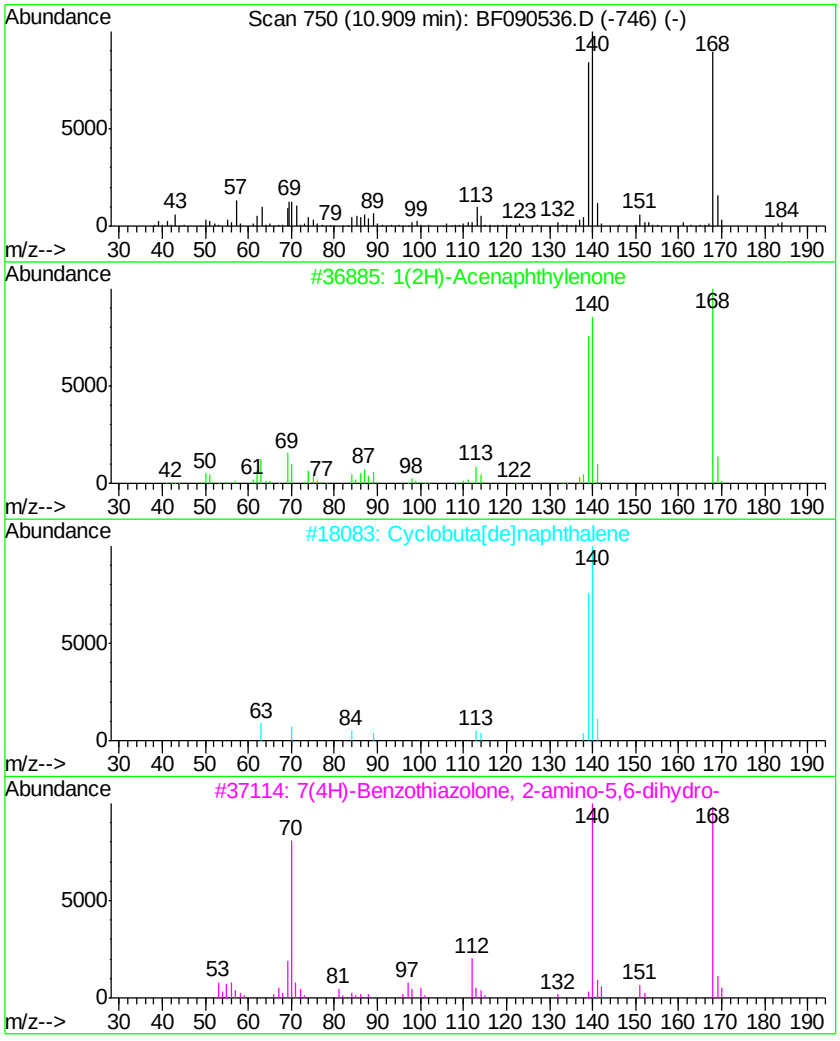
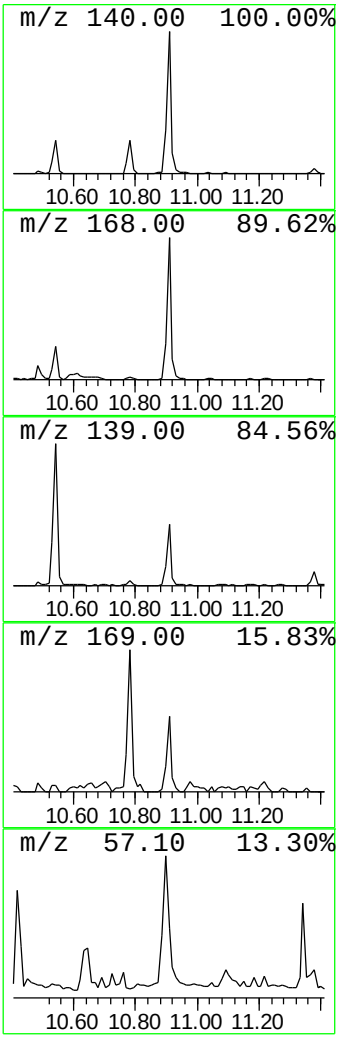
Peak Number 13 1(2H)-Acenaphthylenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	3.18 ng	339959	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	64
3	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	53
4	Dibenzofuran	168	C12H8O	000132-64-9	52
5	2-Amino-5,6-dihydro-4H-cyclopent...	140	C6H8N2S	053051-97-1	47





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Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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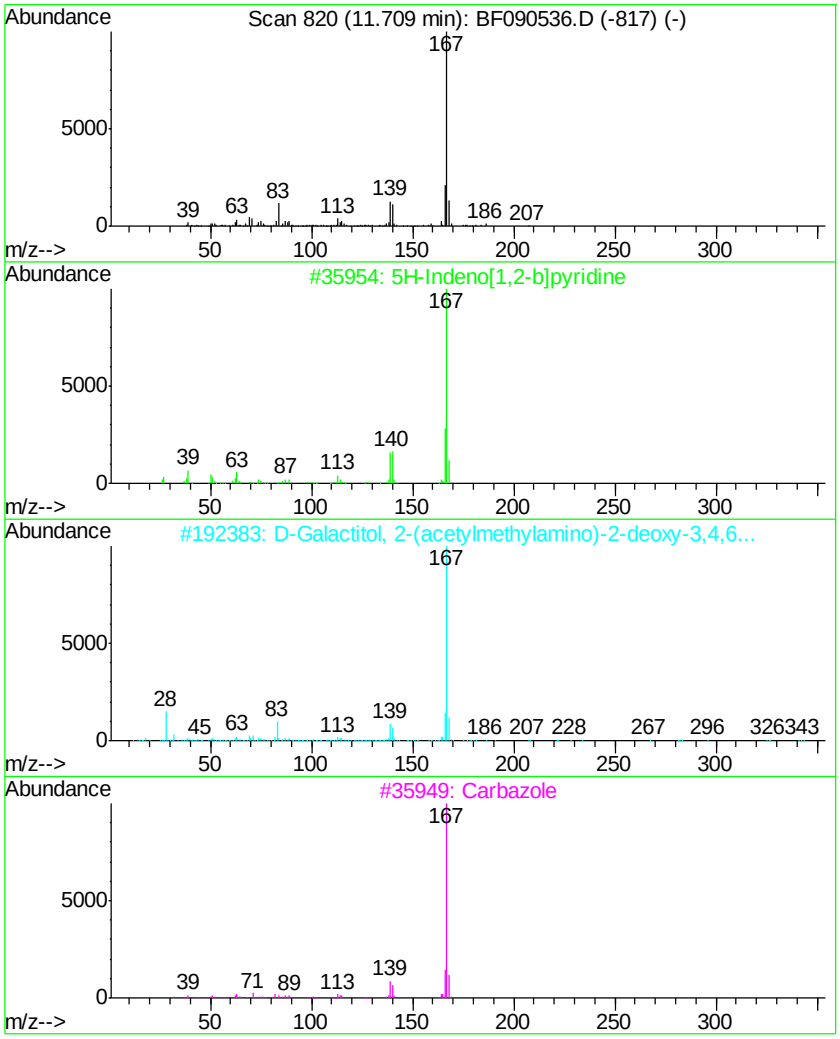
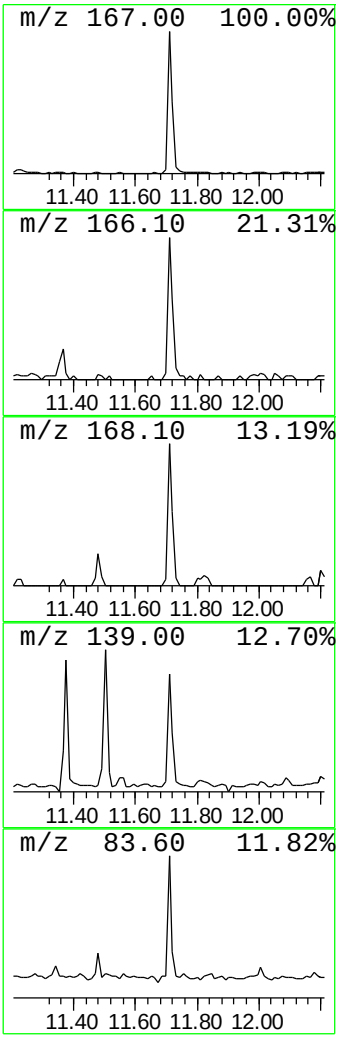
Peak Number 14 5H-Indeno[1,2-b]pyridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.21 ng	236141	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	91
3	Carbazole	167	C12H9N	000086-74-8	90
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	87





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Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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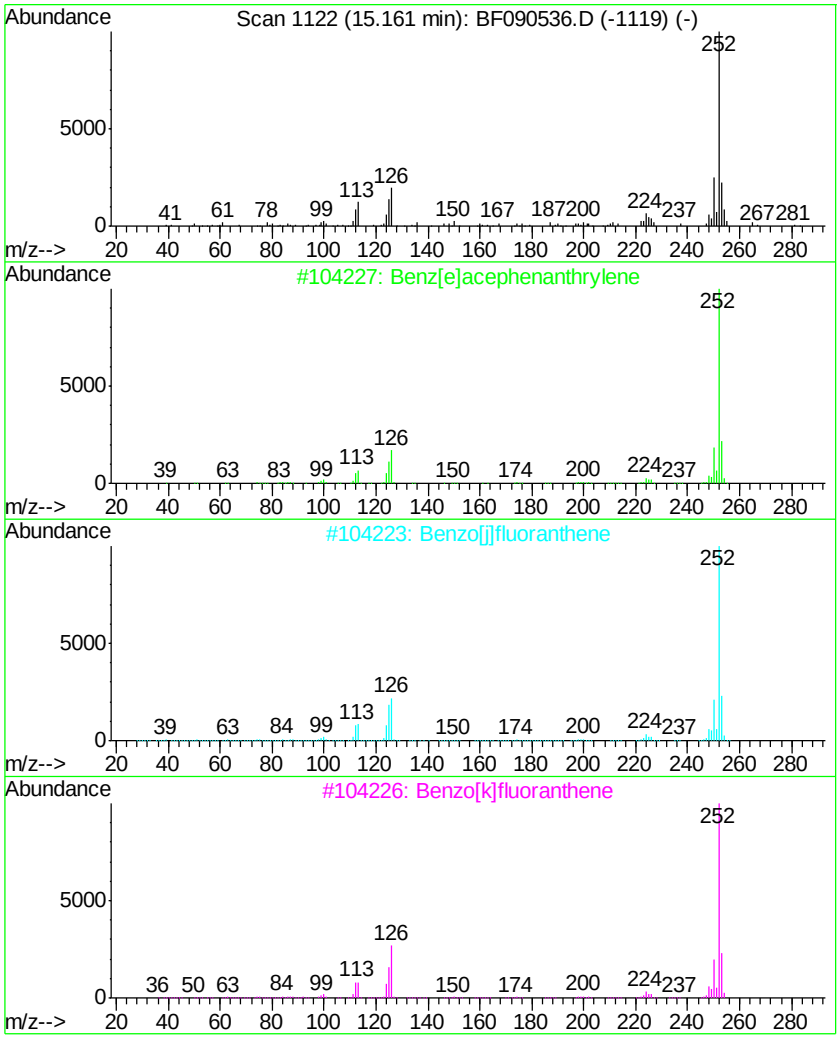
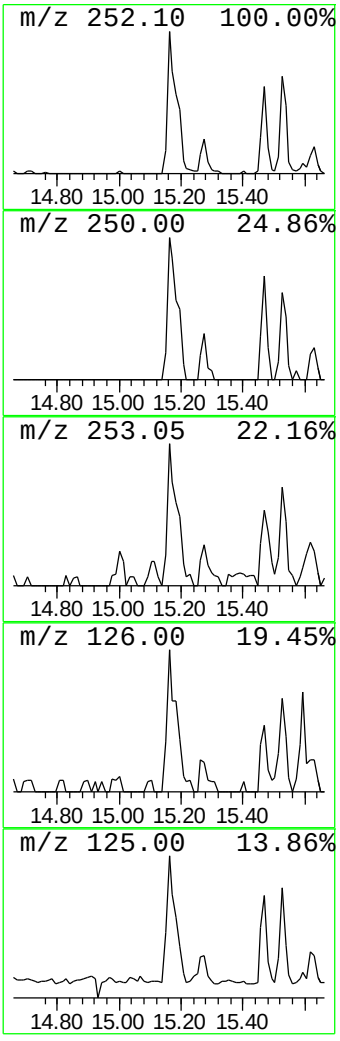
Peak Number 16 Benz[e]acephenanthrylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.24 ng	146657	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[e]pyrene	252	C20H12	000192-97-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

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Data File : BF090536.D
Acq On : 12 Oct 2016 15:37
Operator : UM/SJ
Sample : H5153-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-MW3T-100716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pyridine, 2-methyl-	4.77	36.0	ng	2299140	1	6.94	1276410	20.0
2-Pentanone, 4-hy...	5.14	9.3	ng	593945	1	6.94	1276410	20.0
Pyridine, 3-methyl-	5.41	14.5	ng	924469	1	6.94	1276410	20.0
Pyridine, 2,6-dim...	5.66	8.1	ng	517859	1	6.94	1276410	20.0
Pyridine, 3,5-dim...	6.18	4.2	ng	268360	1	6.94	1276410	20.0
unknown6.31	6.31	2.4	ng	155374	1	6.94	1276410	20.0
2-Cyclopenten-1-o...	6.50	5.3	ng	335800	1	6.94	1276410	20.0
unknown6.71	6.71	49.7	ng	3173080	1	6.94	1276410	20.0
1H-Inden-1-one, 2...	8.83	7.0	ng	1268800	2	8.23	3647270	20.0
Naphthalene, 1,7-...	9.57	2.9	ng	283347	3	9.99	1969350	20.0
Naphthalene, 2,3-...	9.65	2.3	ng	221256	3	9.99	1969350	20.0
1(2H)-Acenaphthyl...	10.91	3.2	ng	339959	4	11.48	2138490	20.0
5H-Indeno[1,2-b]p...	11.71	2.2	ng	236141	4	11.48	2138490	20.0
Benz[e]acephenant...	15.16	2.2	ng	146657	6	15.60	1307840	20.0