LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086745.D
Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

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-BF050416.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	4.899	243	246	253	rBV	80546	183248	3.34%	0.380%
2	5.310	280	282	299	rBV	2842571	2944317	53.70%	6.103%
3	6.362	372	374	379	rBV	1821807	1937313	35.33%	4.016%
4	6.476	382	384	387	rBV	3963165	4511936	82.29%	9.353%
5	6.704	402	404	406	rBV	1174633	1137044	20.74%	2.357%
6	6.864	415	418	420	rBV	3868904	4630979	84.46%	9.600%
7	6.956	424	426	429	rVB	74199	74125	1.35%	0.154%
8	7.150	437	443	444	rBV2	35449	54854	1.00%	0.114%
9	7.242	448	451	452	rBV2	50139	81765	1.49%	0.169%
10	7.276	452	454	457	rBV	3019334	3748057	68.36%	7.769%
11	7.402	463	465	469	rVB3	63515	112903	2.06%	0.234%
12	7.642	484	486	487	rBV2	63004	82336	1.50%	0.171%
13	7.665	487	488	491	rVB3	81856	108404	1.98%	0.225%
14	7.733	491	494	496	rBV2	100113	175875	3.21%	0.365%
15	7.927	508	511	514	rBV2	96388	185373	3.38%	0.384%
16	7.996	514	517	519	rVV	1185659	1645438	30.01%	3.411%
17	8.065	522	523	526	rVV2	86104	95932	1.75%	0.199%
18	8.145	526	530	532	rVB3	52015	124464	2.27%	0.258%
19	8.190	532	534	535	rBV	42153	56262	1.03%	0.117%
20	8.270	539	541	544	rVB4	49498	84416	1.54%	0.175%
21	8.373	548	550	553	rVB2	107593	183434	3.35%	0.380%
22	8.465	553	558	562	rBV4	129873	277735	5.07%	0.576%
23	8.659	572	575	576	rBV	152162	194012	3.54%	0.402%
24	8.739	579	582	584	rBV4	26766	72473	1.32%	0.150%
25	8.796	584	587	591	rBV	366911	613221	11.18%	1.271%
26	8.899	594	596	598	rVB3	42067	72791	1.33%	0.151%
27	8.945	598	600	602	rBV2	89242	102365	1.87%	0.212%
28	8.990	602	604	606	rBV2	63693	89920	1.64%	0.186%
29	9.070	608	611	614	rBV	5095306	5482739	100.00%	11.365%
30	9.196	617	622	624	rBV5	76568	221615	4.04%	0.459%
31	9.253	624	627	631	rVB3	194567	313187	5.71%	0.649%
32	9.333	631	634	636	rBV3	86289	178375	3.25%	0.370%
33	9.402	638	640	645	rVV4	124959	343584	6.27%	0.712%
34	9.470	645	646	647	rVV	64342	60872	1.11%	0.126%

LSC Area Percent Report

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Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

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-BF050416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.516	648	650	651	rVV2	79152	111470	2.03%	0.231%
36	9.596	655	657	660	rBV3	110798	162734	2.97%	0.337%
37	9.653	660	662	663	rBV2	55392	75318	1.37%	0.156%
38	9.745	667	670	671	rBV	1388652	1583845	28.89%	3.283%
39	9.768	671	672	675	rVB3	103759	151837	2.77%	0.315%
40	9.893	680	683	686	rBV3	212301	481042	8.77%	0.997%
41	10.042	692	696	700	rVB3	289998	559613	10.21%	1.160%
42	10.110	700	702	705	rBV3	86695	178798	3.26%	0.371%
43	10.179	706	708	709	rBV2	114850	106906	1.95%	0.222%
44	10.202	709	710	712	rBV	115780	188370	3.44%	0.390%
45	10.271	714	716	719	rVB2	570628	796447	14.53%	1.651%
46	10.351	722	723	724	rBV	99518	90199	1.65%	0.187%
47	10.453	729	732	734	rBV4	85367	163577	2.98%	0.339%
48	10.533	734	739	742	rBV2	3418505	4649522	84.80%	9.638%
49	10.648	747	749	753	rVB2	266625	420919	7.68%	0.873%
50	11.219	796	799	801	rBV	1422567	1488255	27.14%	3.085%
51	11.779	845	848	852	rVB3	230110	367384	6.70%	0.762%
52	12.556	914	916	918	rBV	296388	318534	5.81%	0.660%
53	12.808	935	938	941	rBV	4174623	4179162	76.22%	8.663%
54	13.699	1014	1016	1019	rVB	85627	119566	2.18%	0.248%
55	13.848	1027	1029	1032	rBV	987895	988474	18.03%	2.049%
56	15.231	1147	1150	1162	rVB	654386	877713	16.01%	1.819%

Sum of corrected areas: 48241049

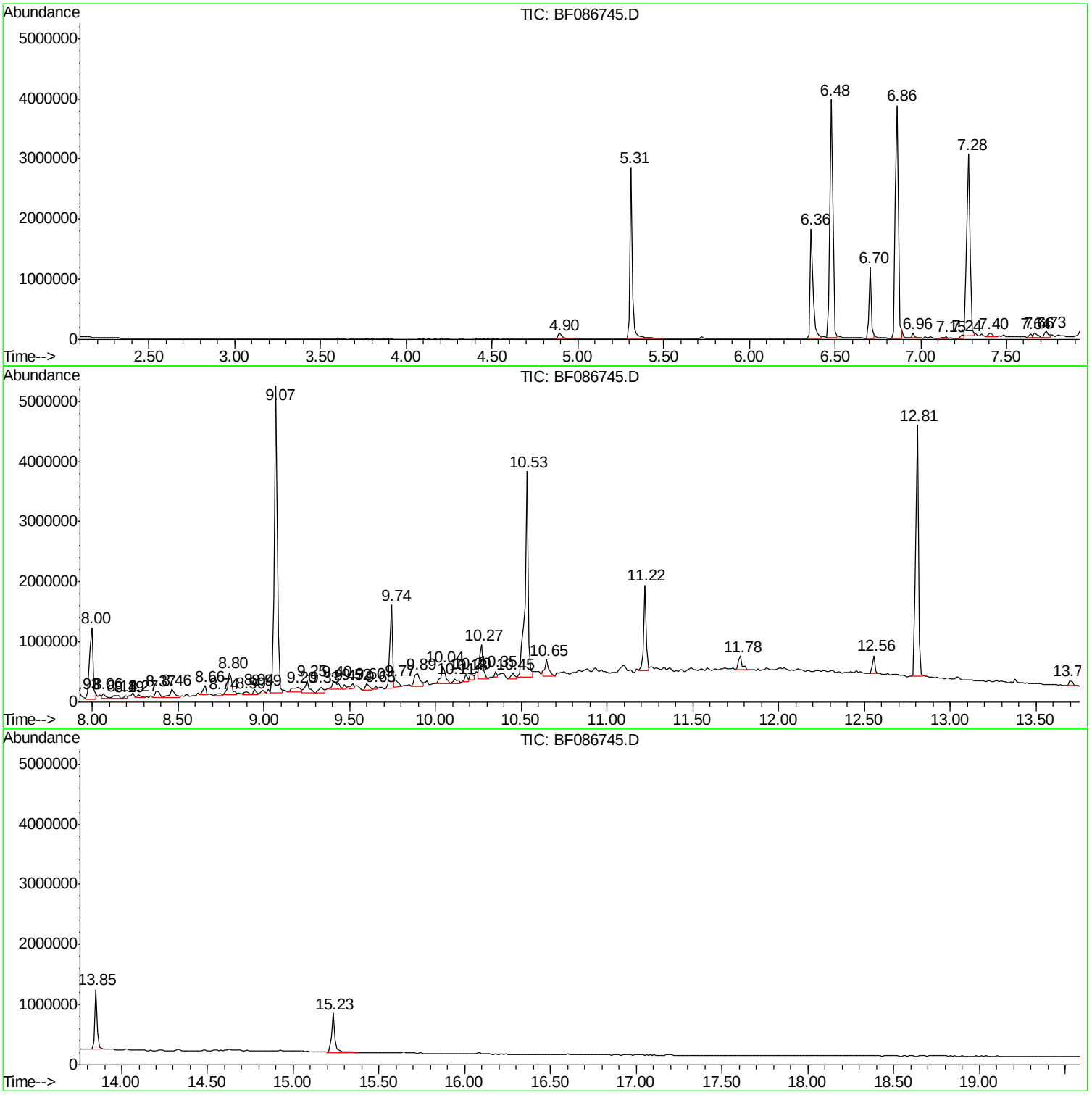
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086745.D
Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086745.D
Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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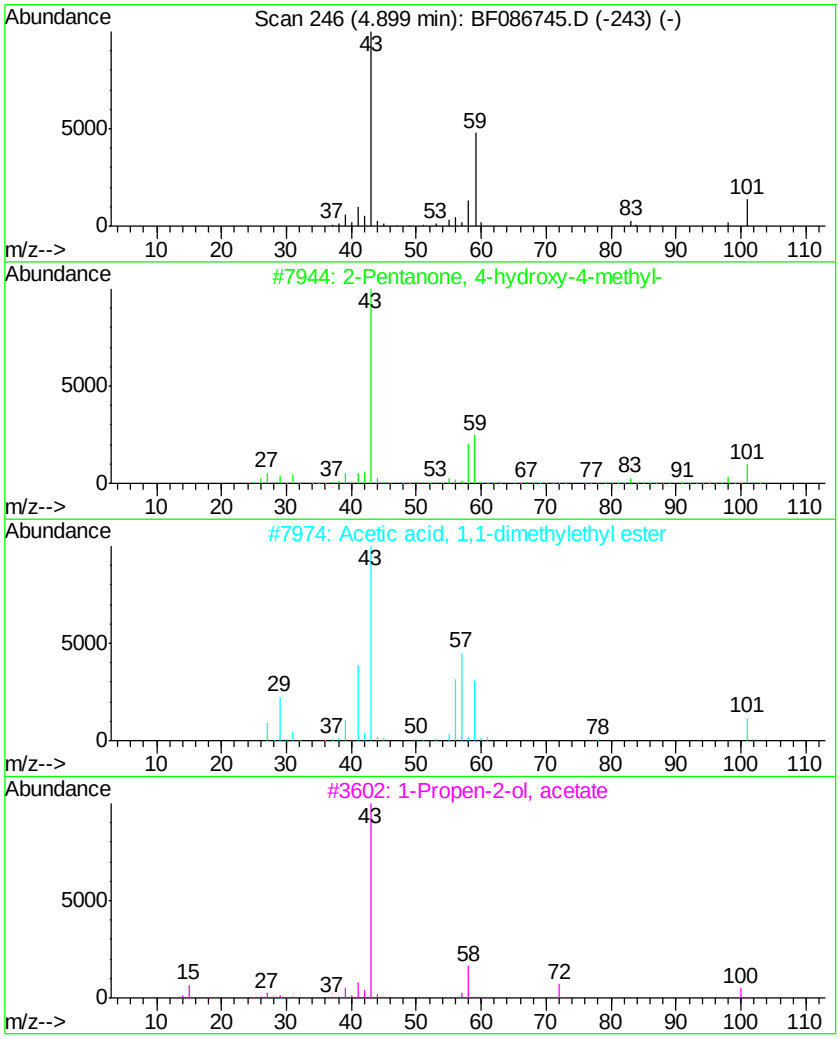
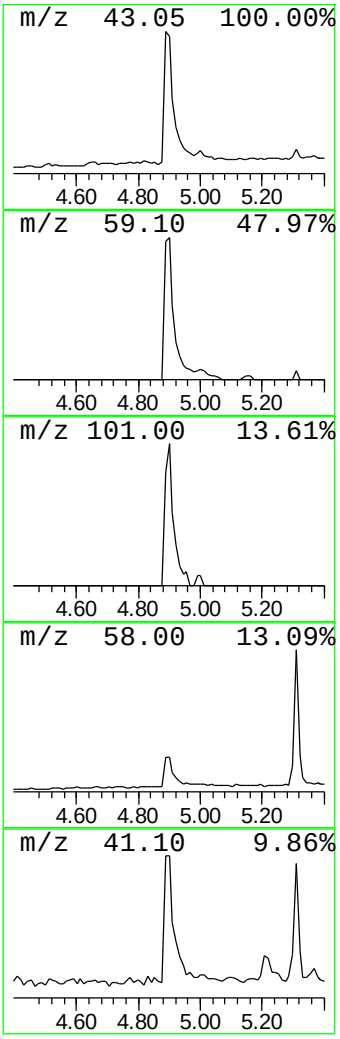
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	6.45 ng	183248	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Propylamine	59	C3H9N	000107-10-8	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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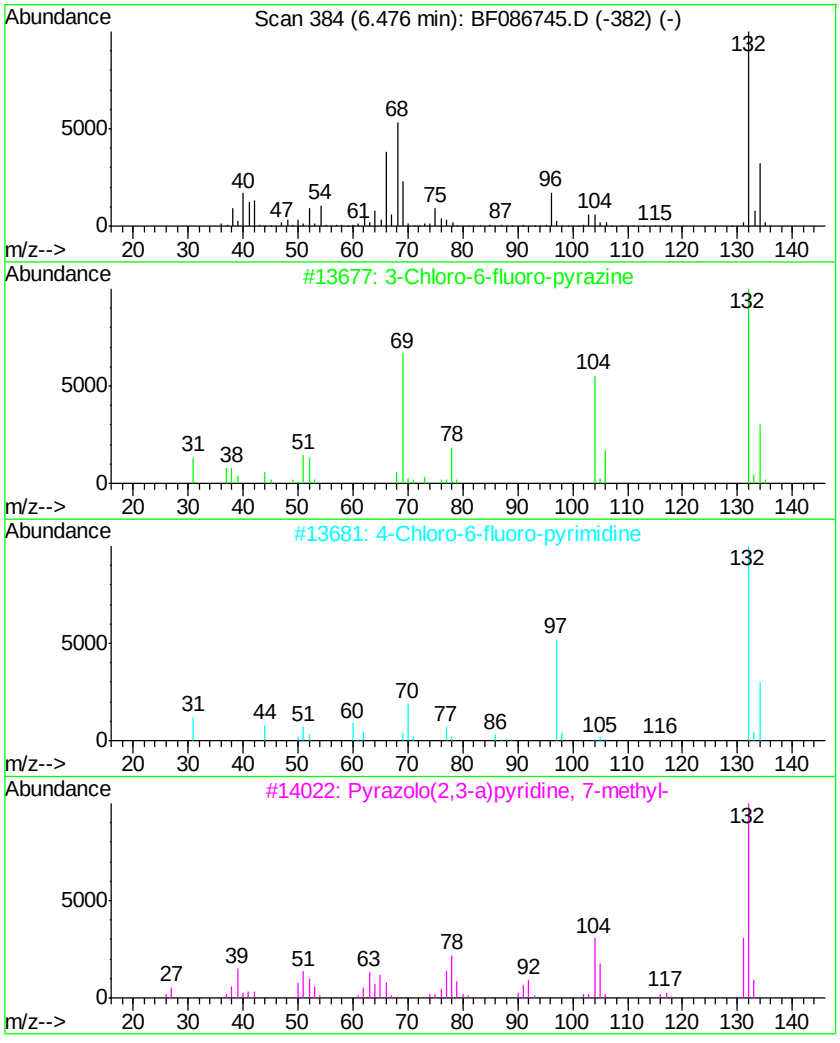
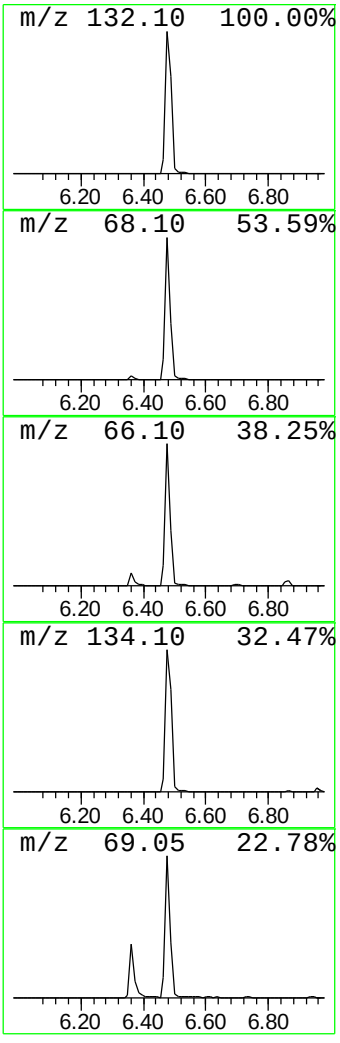
Peak Number 2 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	158.73 ng	4511940	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
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Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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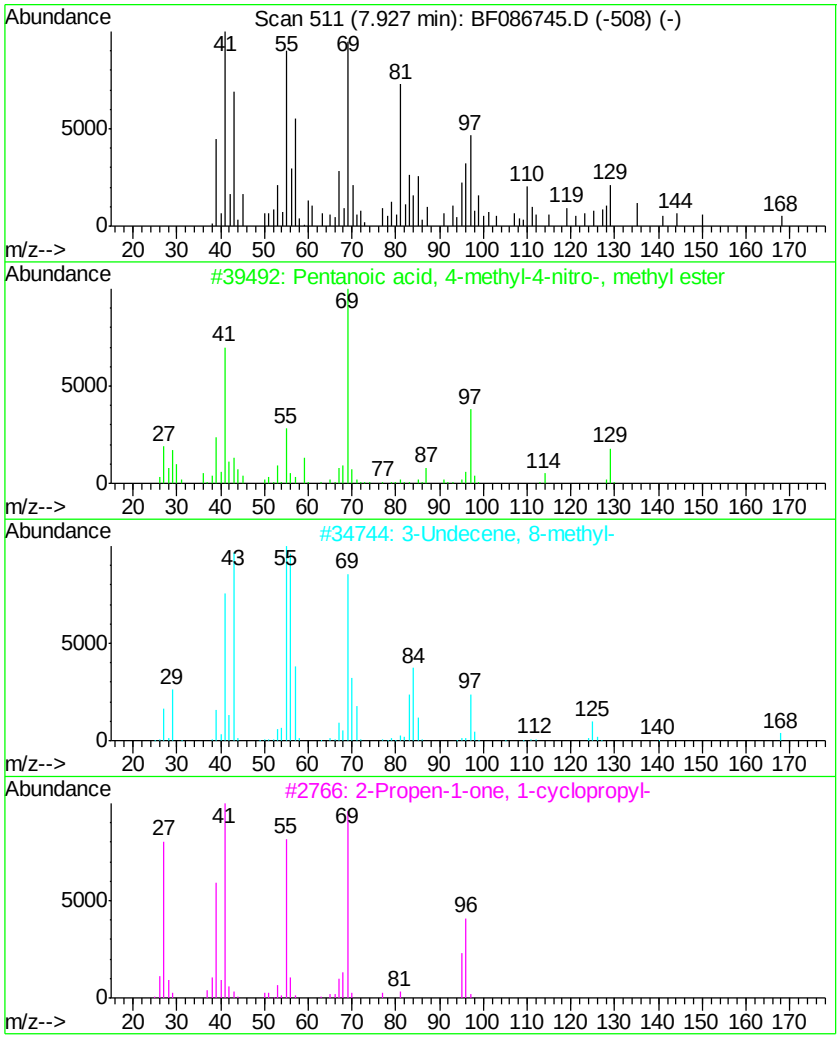
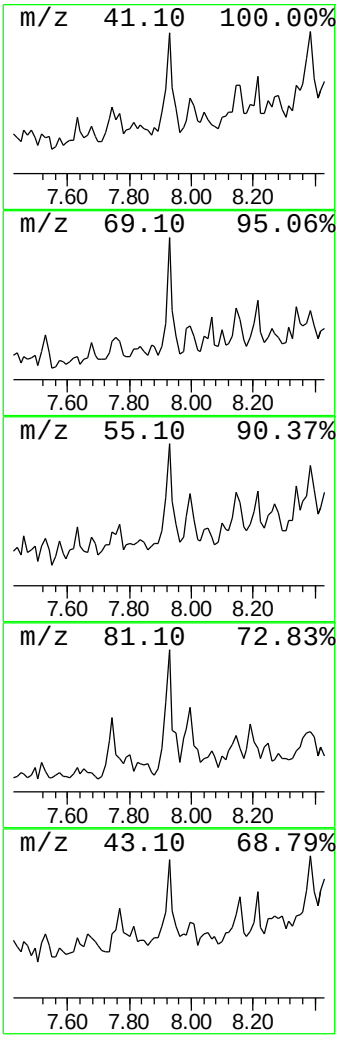
Peak Number 4 unknown7.93 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	4.51 ng	185373	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-methyl-4-nitro...	175	C7H13NO4	016507-02-1	47
2	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	38
3	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	38
4	Cyclopropane, 1-butyl-2-pentyl-,...	168	C12H24	074663-88-0	25
5	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086745.D
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Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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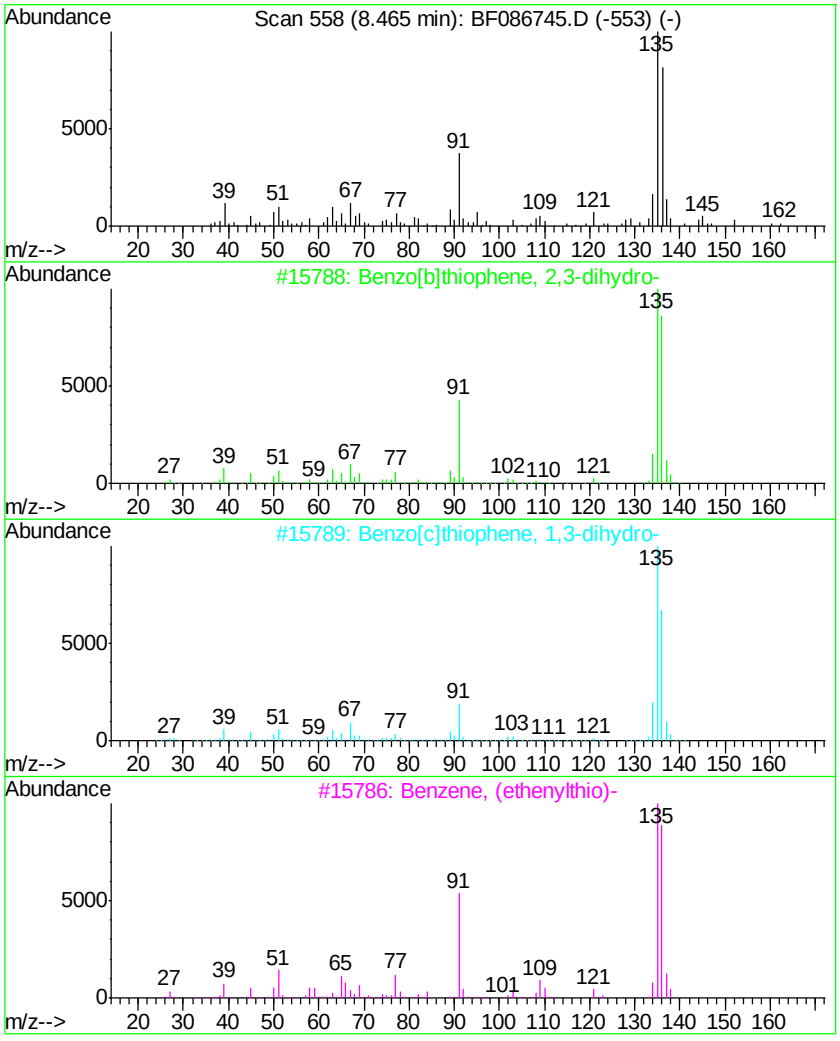
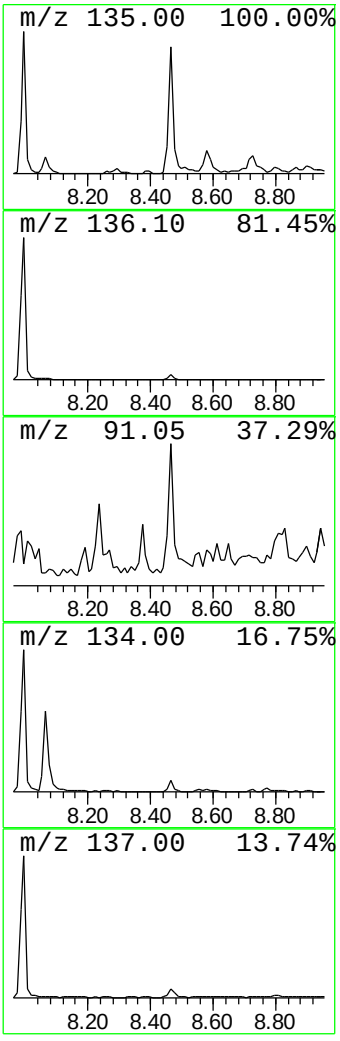
Peak Number 5 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	6.75 ng	277735	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	87
3	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	80
4	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	72
5	Pyrazine, 2,6-diethyl-	136	C8H12N2	013067-27-1	64





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Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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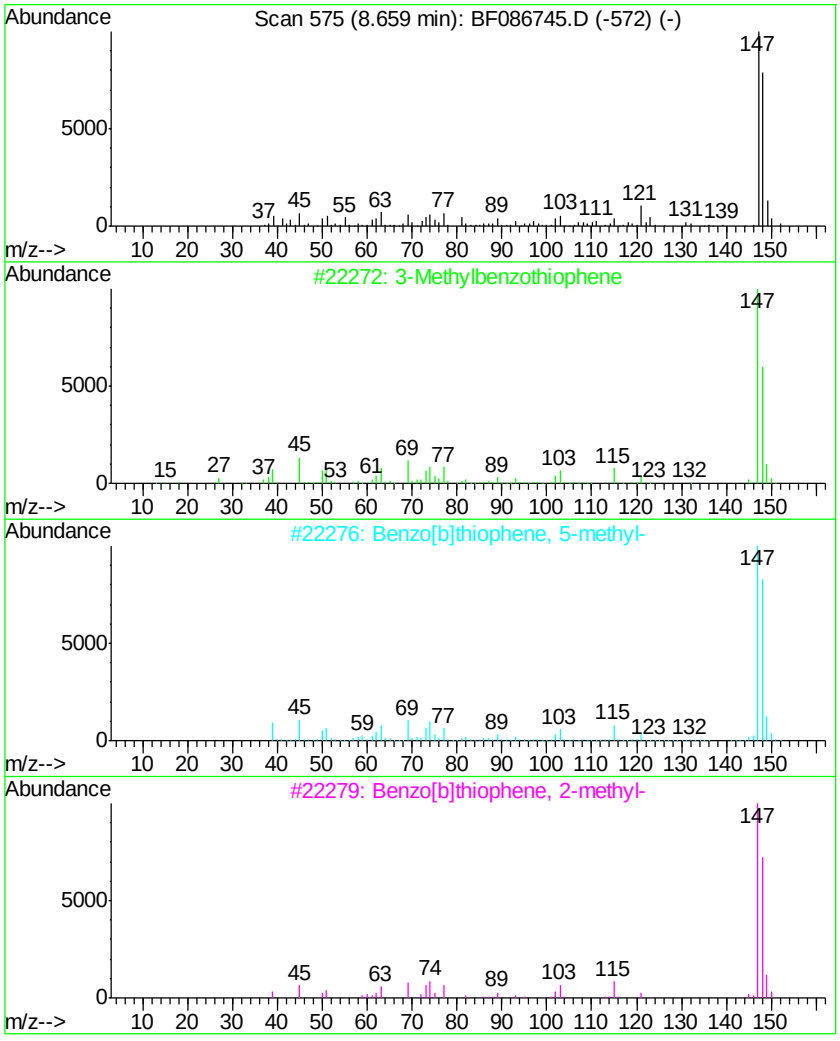
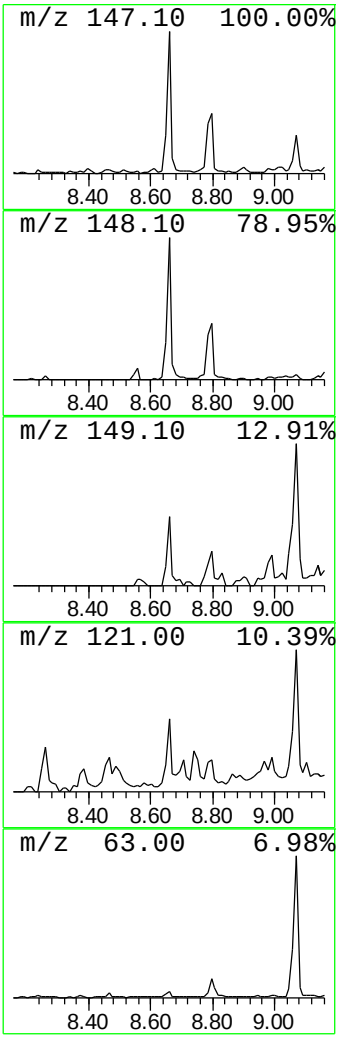
Peak Number 6 3-Methylbenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	4.72 ng	194012	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	78
5	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	72





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Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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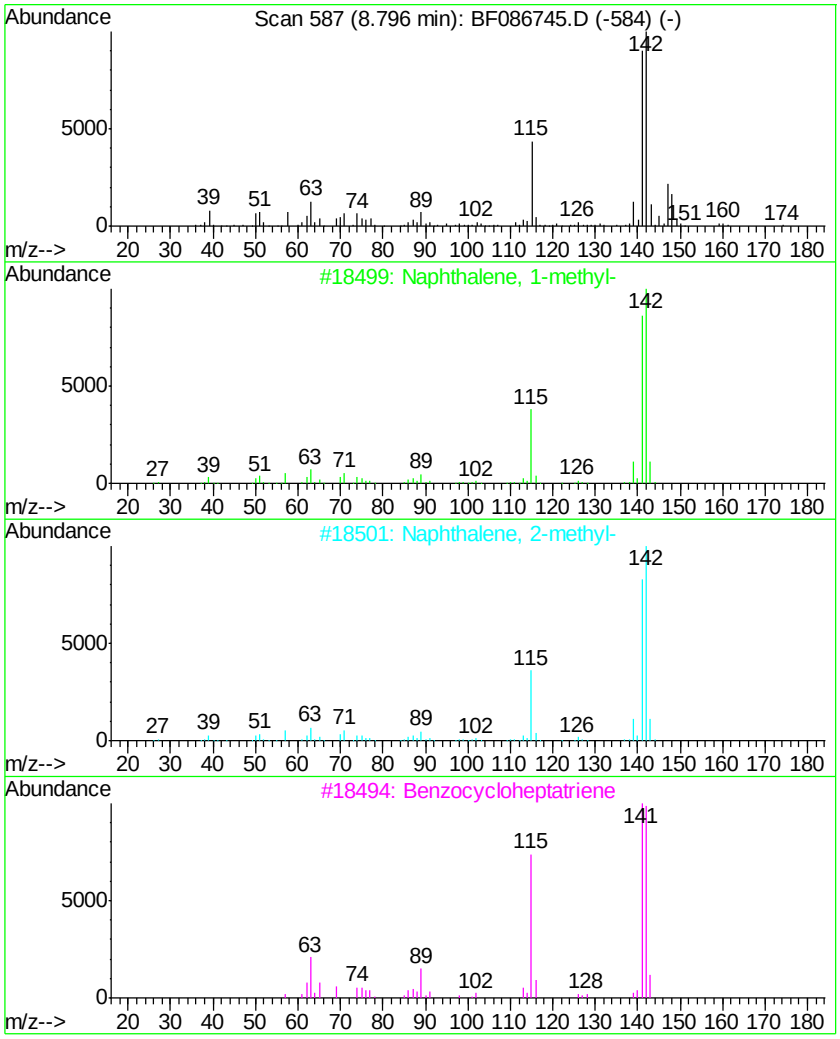
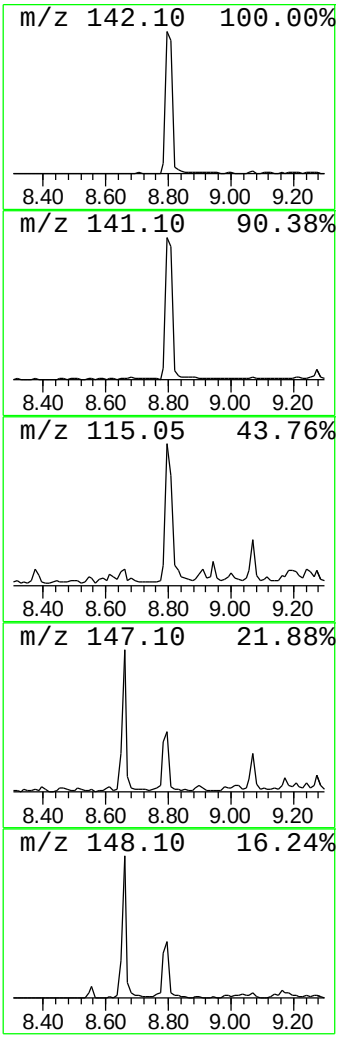
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	14.91 ng	613221	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	93
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90





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Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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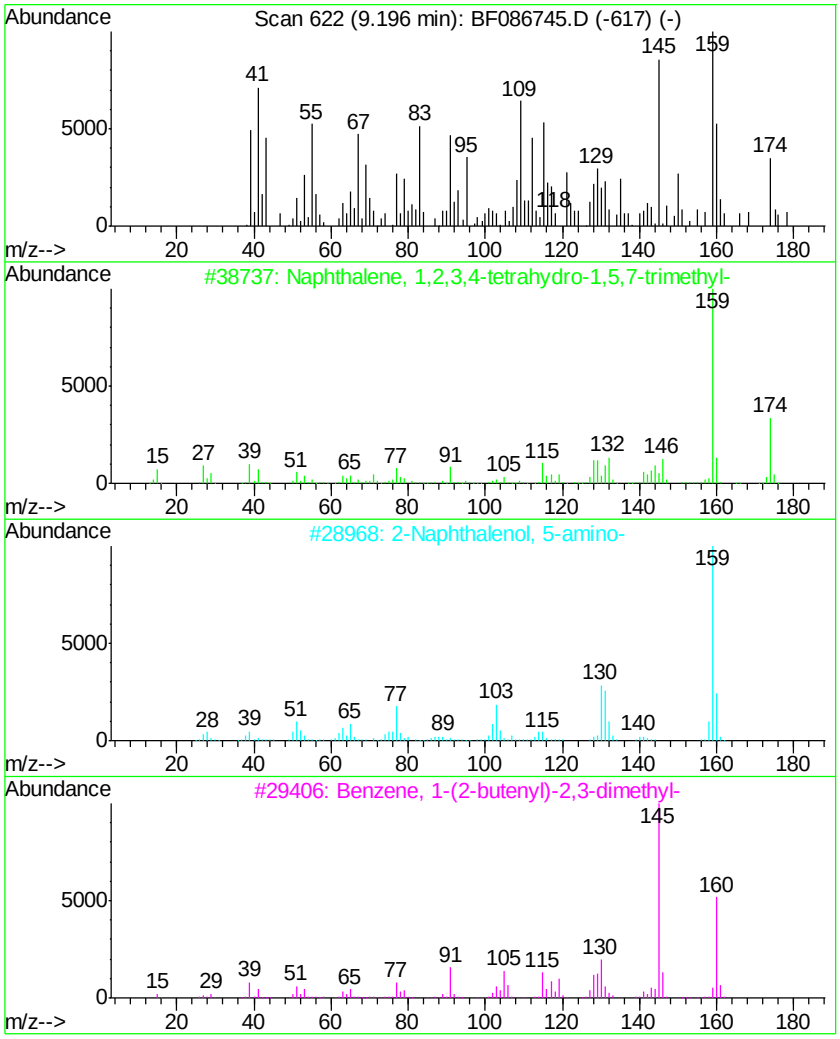
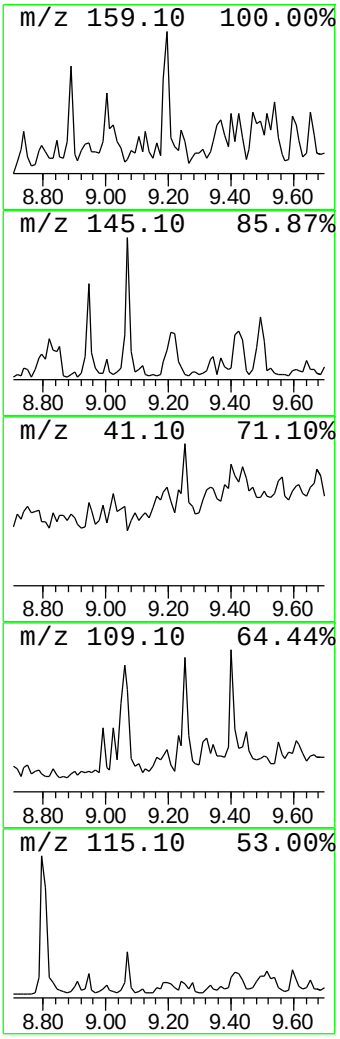
Peak Number 8 unknown9.20 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	5.60 ng	221615	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	38
2	2-Naphthalenol, 5-amino-	159	C10H9NO	000086-97-5	30
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	27
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	27
5	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086745.D
Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
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Instrument : BNA_F
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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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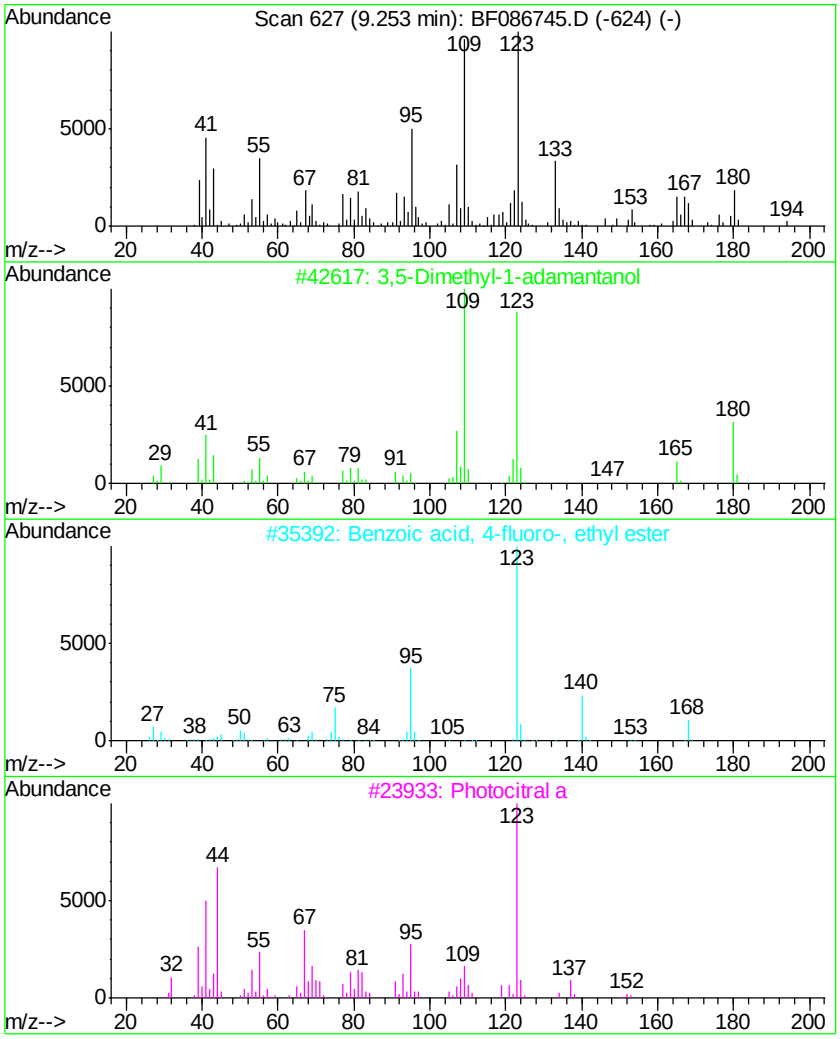
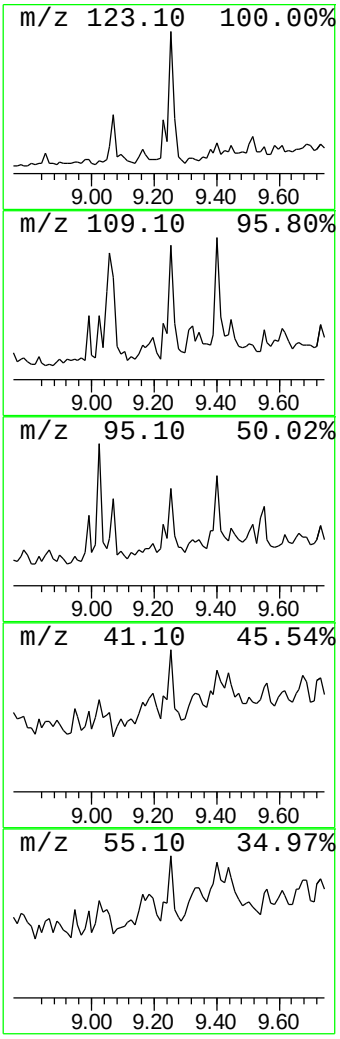
Peak Number 9 3,5-Dimethyl-1-adamantanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	7.91 ng	313187	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	70
2	Benzoic acid, 4-fluoro-, ethyl e...	168	C9H9FO2	000451-46-7	38
3	Photocitral a	152	C10H16O	1000292-85-0	30
4	1,4,4-Trimethylcyclohex-2-enecar...	168	C10H16O2	103262-04-0	30
5	2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086745.D
Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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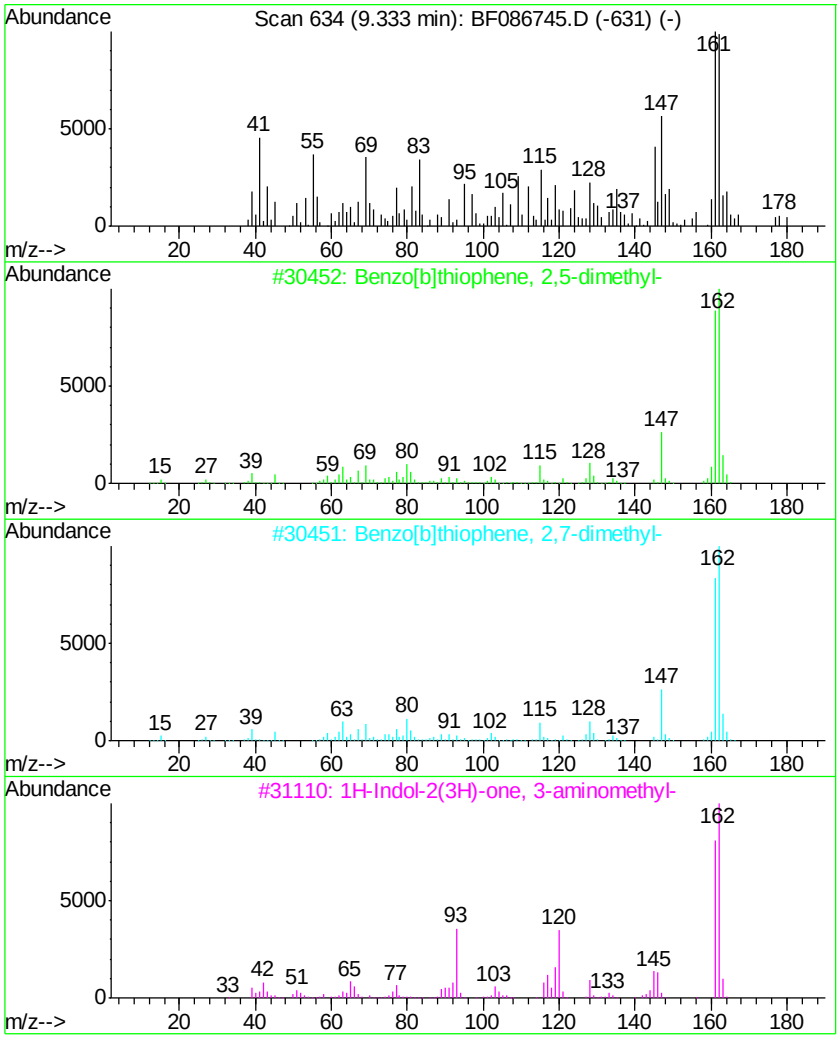
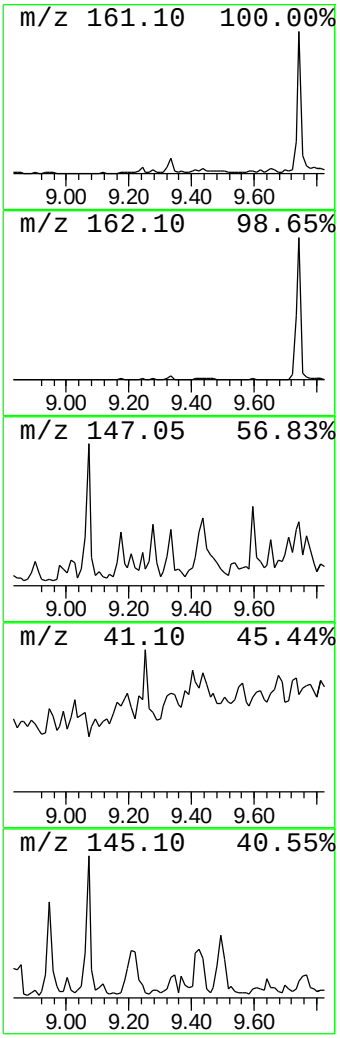
Peak Number 10 Benzo[b]thiophene, 2,5-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	4.50 ng	178375	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	60
2	Benzo[b]thiophene, 2,7-dimethyl-	162	C10H10S	016587-40-9	53
3	1H-Indol-2(3H)-one, 3-aminomethyl-	162	C9H10N2O	1000262-27-9	46
4	Benzaldehyde, 2,3,4,5-tetramethyl-	162	C11H14O	029344-95-4	45
5	5,8-Dimethyl-1,2,3,4-tetrahydroq...	162	C10H14N2	066102-39-4	35





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Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

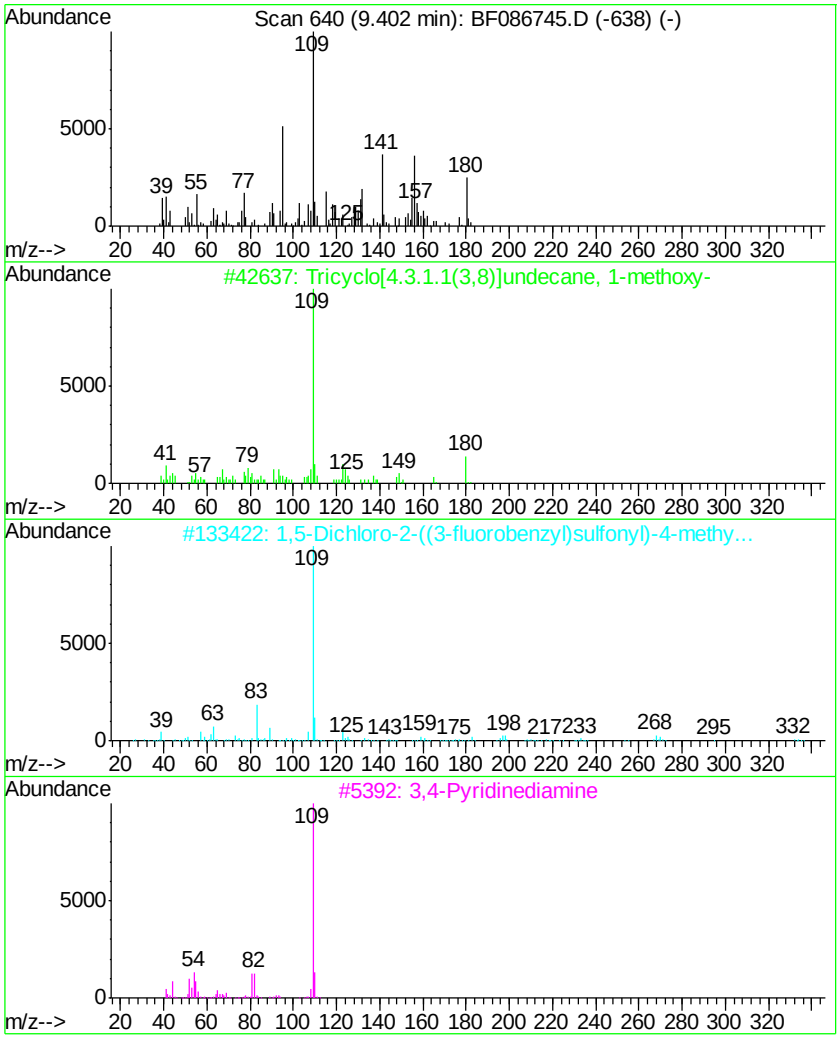
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

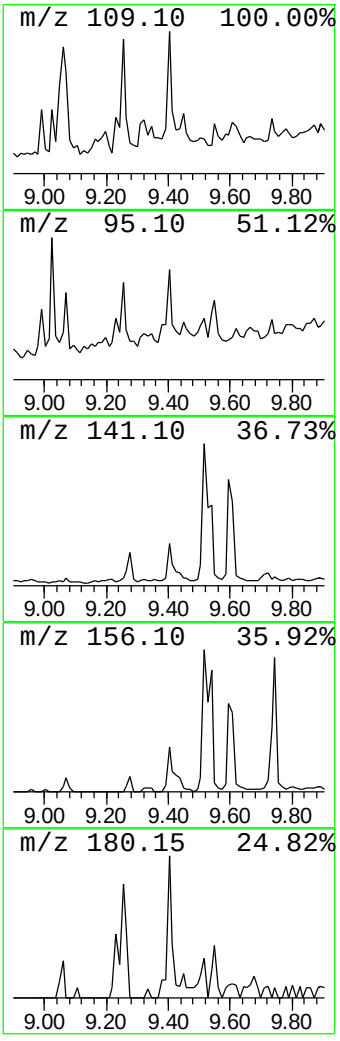
****

Peak Number 11 unknown9.40 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	8.68 ng	343584	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	38
2	1,5-Dichloro-2-((3-fluorobenzyl)...	332	C14H11Cl2FO2S	1000298-20-6	14
3	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	14
4	Phenol, 3-amino-	109	C6H7NO	000591-27-5	14
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	12





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Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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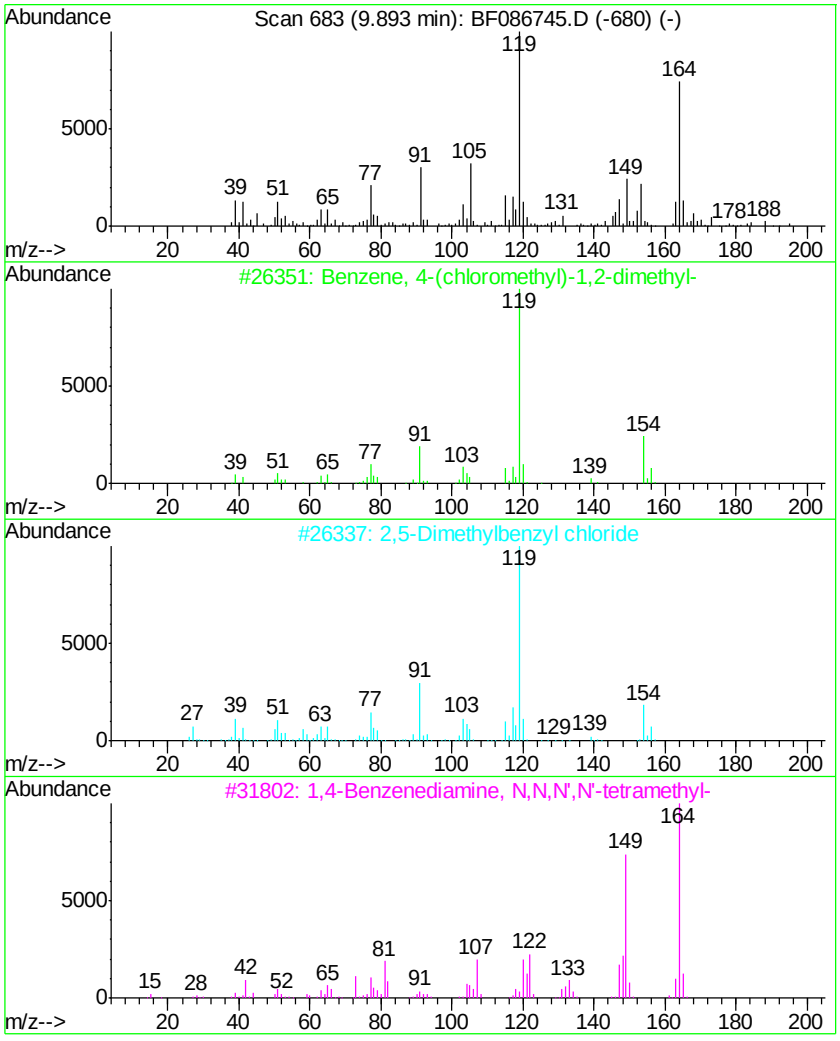
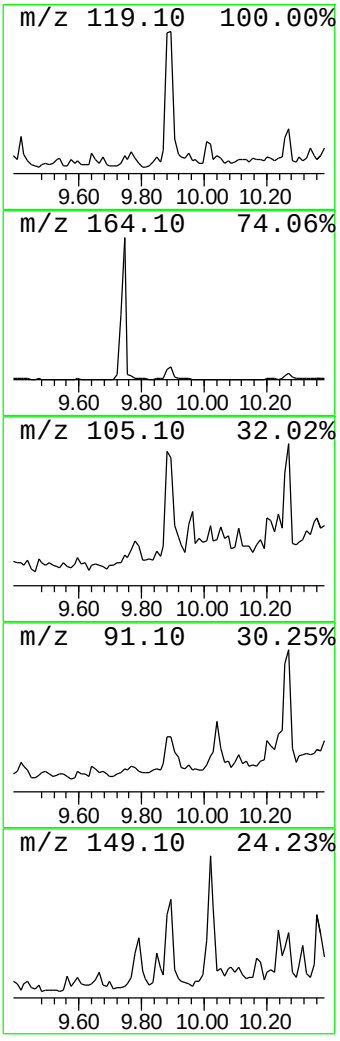
Peak Number 12 unknown9.89 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	12.15 ng	481042	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	42
2	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	38
3	1,4-Benzenediamine, N,N,N',N'-te...	164	C10H16N2	000100-22-1	38
4	2-(5-Methyl-3-pyrrolyl)piperidine	164	C10H16N2	1000245-18-2	30
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	30





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Data File : BF086745.D
Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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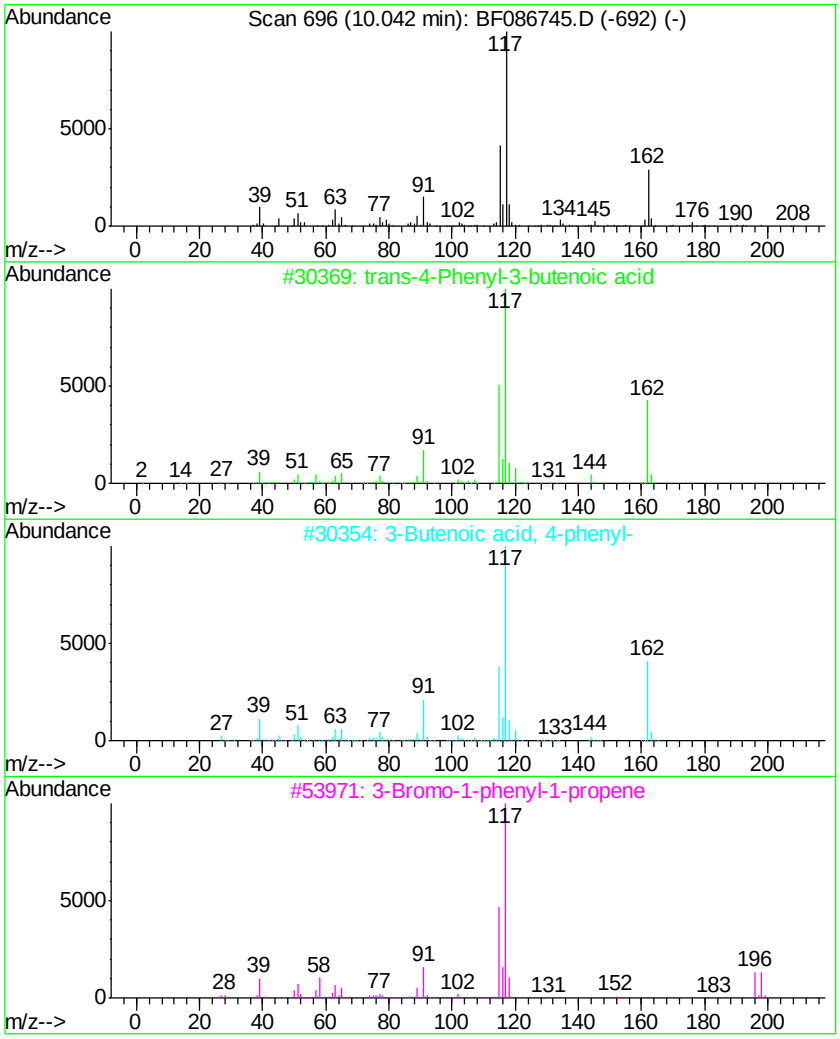
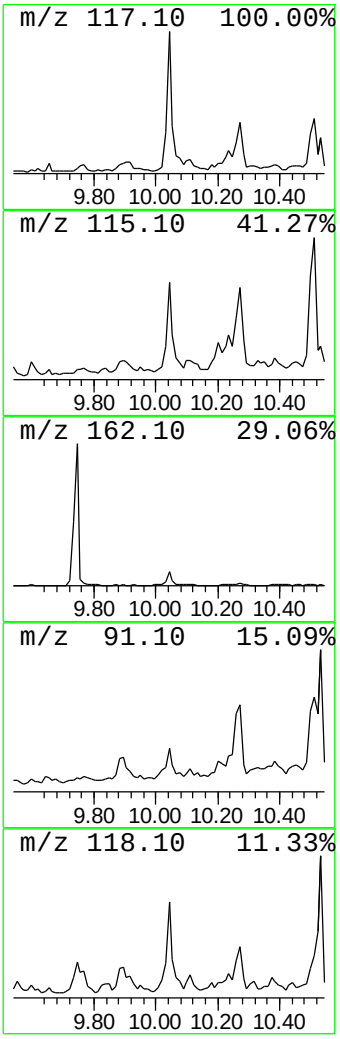
Peak Number 13 trans-4-Phenyl-3-butenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	14.13 ng	559613	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	94
2	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	91
3	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	72
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	72
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64





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Data File : BF086745.D
Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

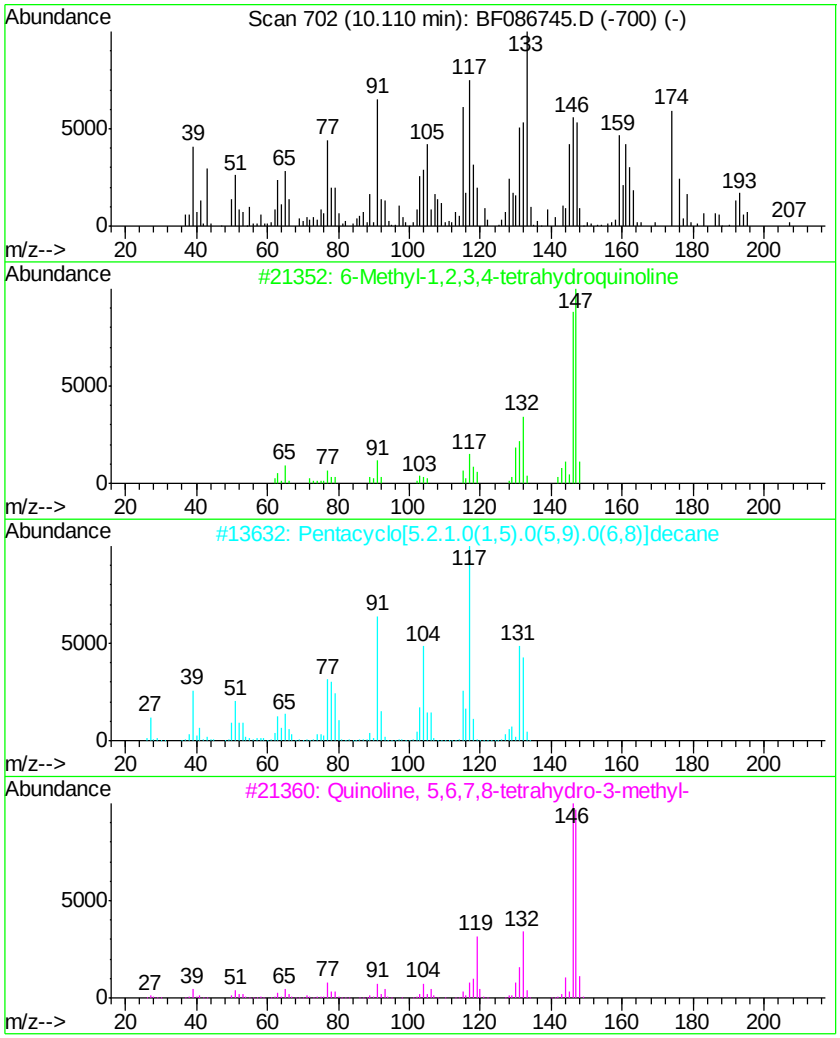
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

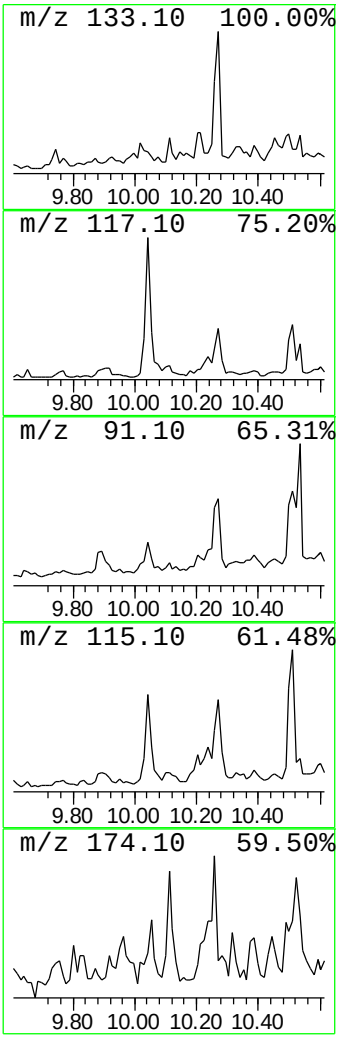
****

Peak Number 14 unknown10.11 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	4.52 ng	178798	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-1,2,3,4-tetrahydroquino...	147	C10H13N	000091-61-2	42
2	Pentacyclo[5.2.1.0(1,5).0(5,9).0...	132	C10H12	1000185-59-0	35
3	Quinoline, 5,6,7,8-tetrahydro-3-...	147	C10H13N	028712-62-1	20
4	4a,8a-Ethenonaphthalene, 1,2,3,4...	160	C12H16	024139-32-0	20
5	1-Methyl-5-(4-methylphenyl)tetra...	174	C9H10N4	068826-33-5	18





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Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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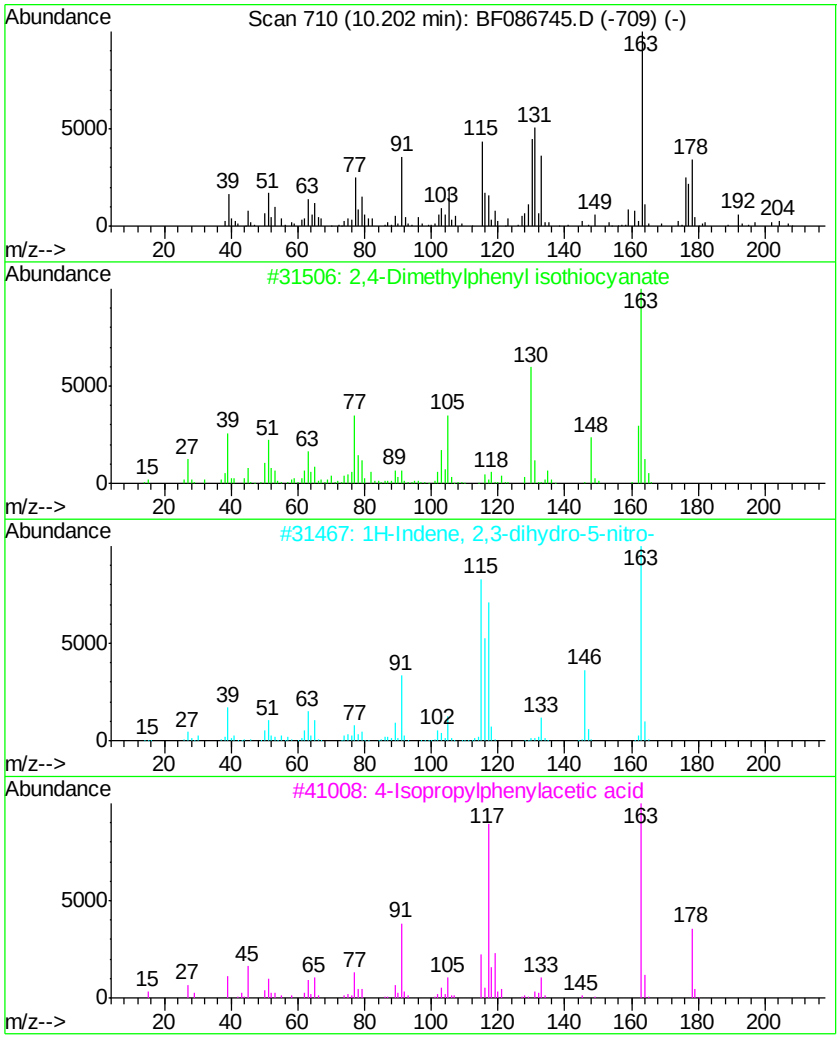
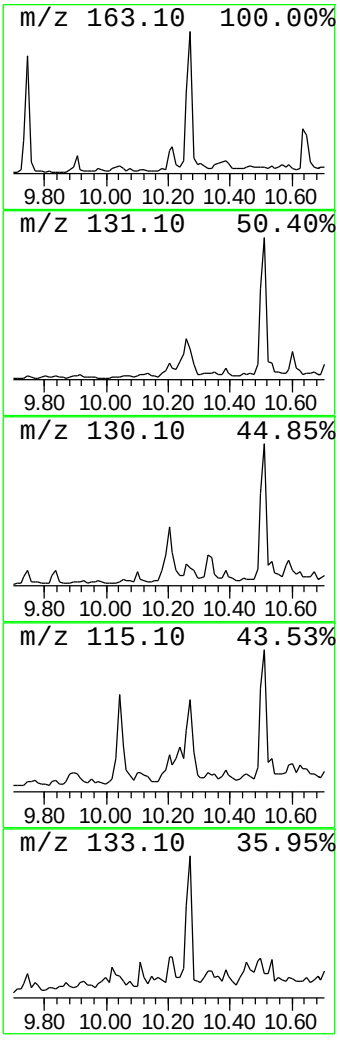
Peak Number 15 unknown10.20 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.76 ng	188370	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylphenyl isothiocyanate	163	C9H9NS	039842-01-8	38
2	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	35
3	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	30
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	30
5	Benzenemethanol, 4-(1,1-dimethyl...	178	C12H18O	034386-42-0	25





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Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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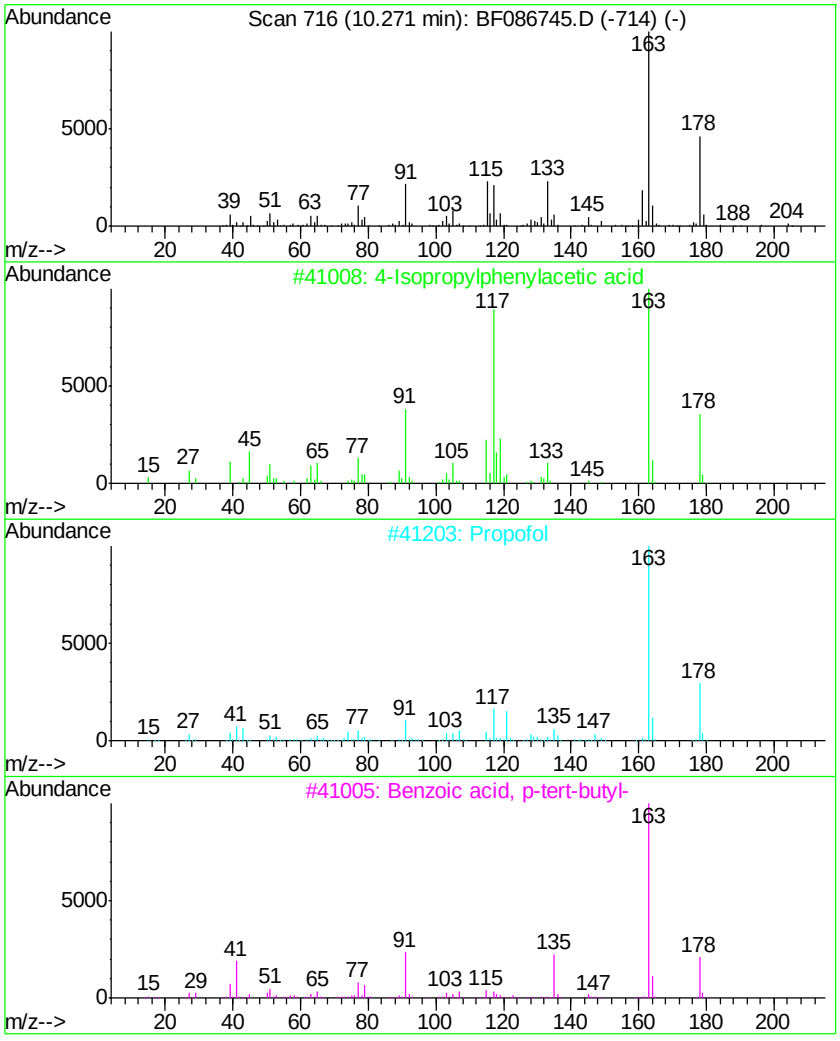
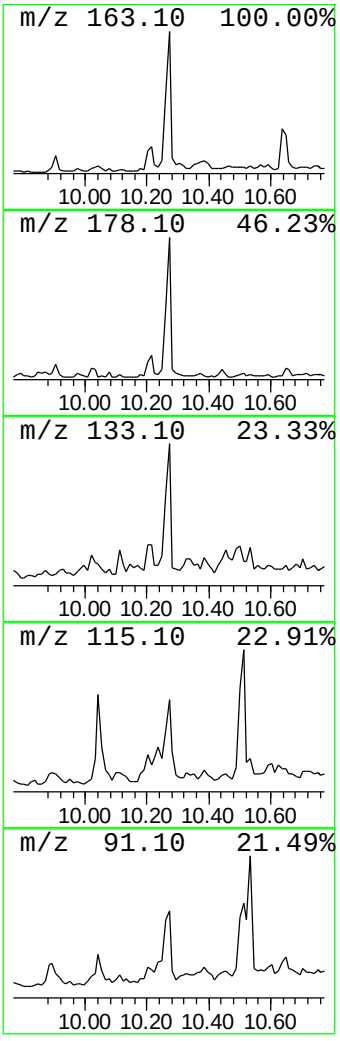
Peak Number 16 4-Isopropylphenylacetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	20.11 ng	796447	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	64
2	Propofol	178	C12H18O	002078-54-8	58
3	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	52
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	50
5	Ethanone, 1-[4-(ethoxymethyl)phe...	178	C11H14O2	093205-94-8	50





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Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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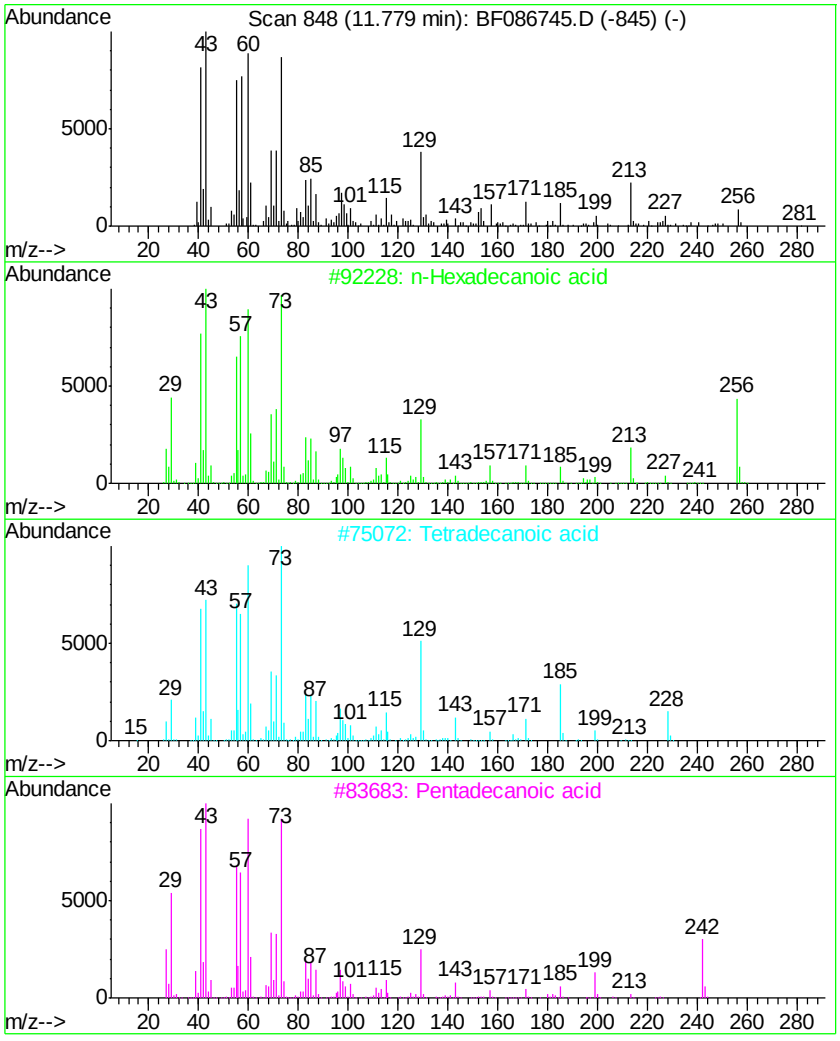
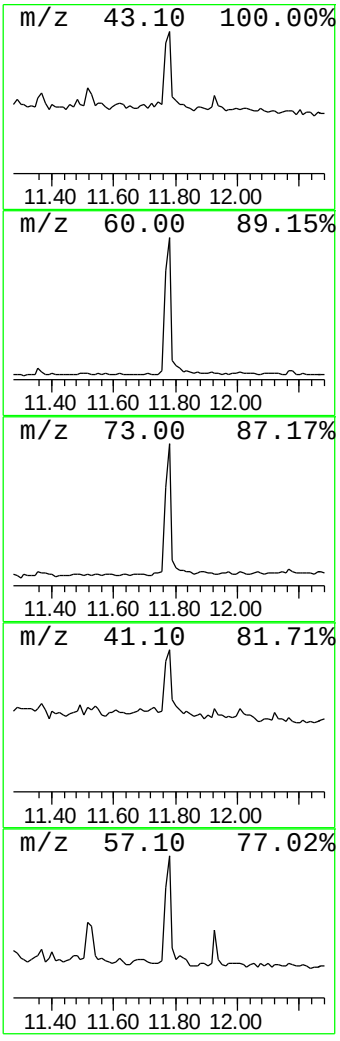
Peak Number 18 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	9.87 ng	367384	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecane	198	C14H30	000629-59-4	15
5	Hexadecane	226	C16H34	000544-76-3	11





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Sample : H2770-10
Misc :
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Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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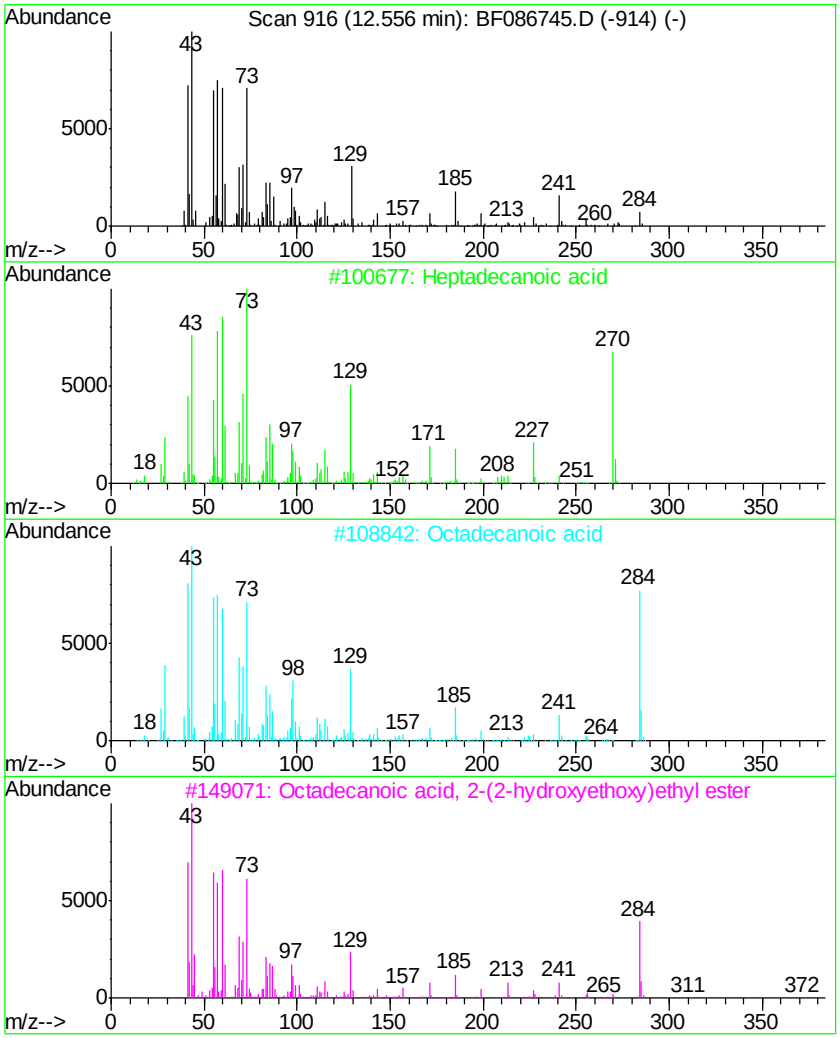
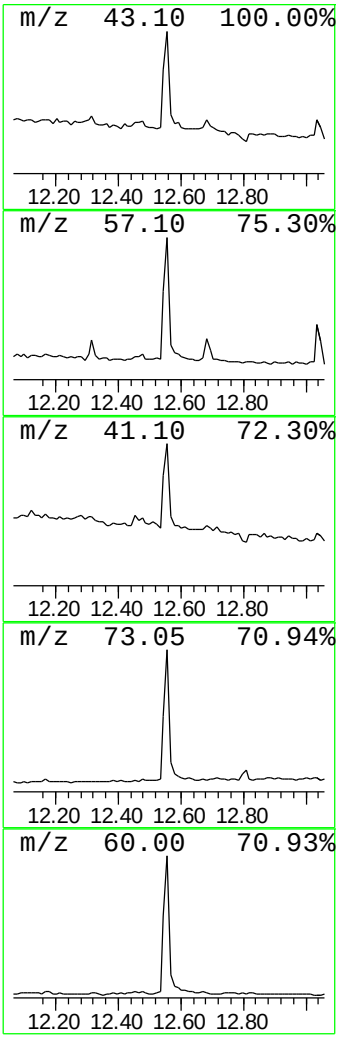
Peak Number 19 Heptadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	12.89 ng	318534	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Acq On : 7 May 2016 1:21
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Sample : H2770-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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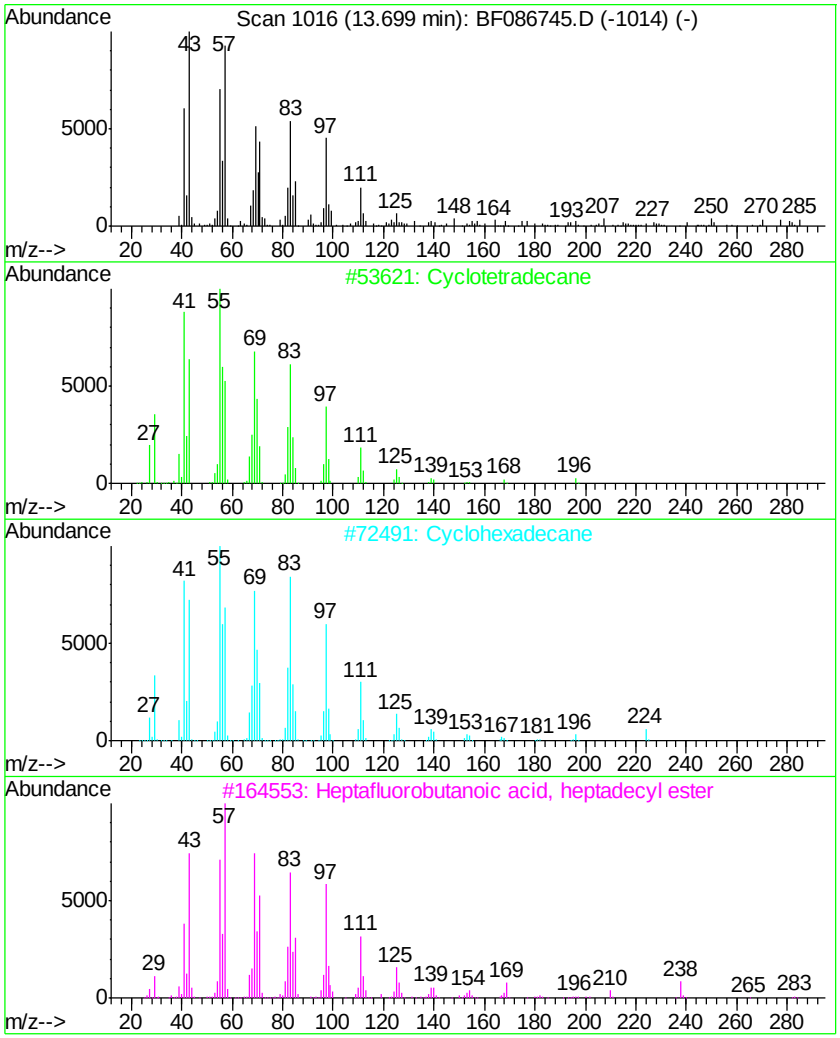
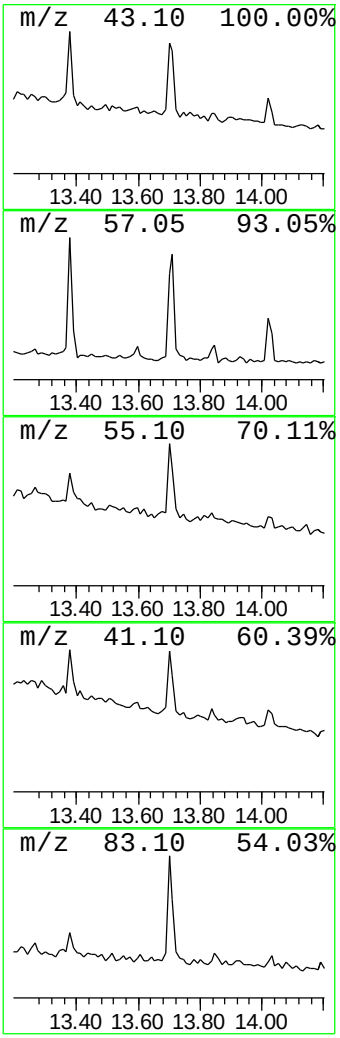
Peak Number 20 Cyclotetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.84 ng	119566	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Cyclohexadecane	224	C16H32	000295-65-8	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086745.D
Acq On : 7 May 2016 1:21
Operator : UM/SJ
Sample : H2770-10
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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
2-Pentanone, 4-hy...	4.90	6.5	ng	183248	1	6.70	1137040	40.0
unknown6.48	6.48	158.7	ng	4511940	1	6.70	1137040	40.0
unknown7.93	7.93	4.5	ng	185373	2	8.00	1645440	40.0
Benzo[b]thiophene...	8.46	6.8	ng	277735	2	8.00	1645440	40.0
3-Methylbenzothio...	8.66	4.7	ng	194012	2	8.00	1645440	40.0
Naphthalene, 1-me...	8.80	14.9	ng	613221	2	8.00	1645440	40.0
unknown9.20	9.20	5.6	ng	221615	3	9.74	1583850	40.0
3,5-Dimethyl-1-ad...	9.25	7.9	ng	313187	3	9.74	1583850	40.0
Benzo[b]thiophene...	9.33	4.5	ng	178375	3	9.74	1583850	40.0
unknown9.40	9.40	8.7	ng	343584	3	9.74	1583850	40.0
unknown9.89	9.89	12.2	ng	481042	3	9.74	1583850	40.0
trans-4-Phenyl-3-...	10.04	14.1	ng	559613	3	9.74	1583850	40.0
unknown10.11	10.11	4.5	ng	178798	3	9.74	1583850	40.0
unknown10.20	10.20	4.8	ng	188370	3	9.74	1583850	40.0
4-Isopropylphenyl...	10.27	20.1	ng	796447	3	9.74	1583850	40.0
n-Hexadecanoic acid	11.78	9.9	ng	367384	4	11.22	1488260	40.0
Heptadecanoic acid	12.56	12.9	ng	318534	5	13.85	988474	40.0
Cyclotetradecane	13.70	4.8	ng	119566	5	13.85	988474	40.0