LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082611.D
Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

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-BF103015.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	5.104	258	264	273	rVB	2362925	4300377	45.83%	3.167%
2	5.516	297	300	303	rVB	5807588	7558699	80.55%	5.567%
3	6.544	386	390	392	rBV	5926624	9052156	96.46%	6.667%
4	6.670	398	401	404	rBV	6138683	7928076	84.48%	5.839%
5	6.899	419	421	423	rBV	1420708	1494283	15.92%	1.101%
6	7.059	433	435	438	rVB	4950857	5669753	60.42%	4.176%
7	7.470	467	471	473	rBV	5090374	5811415	61.93%	4.280%
8	8.213	531	536	538	rVB2	3295660	4674043	49.81%	3.443%
9	8.899	594	596	599	rVB	320454	388284	4.14%	0.286%
10	9.002	603	605	607	rVB	277178	229210	2.44%	0.169%
11	9.276	626	629	631	rVB	9667123	9384189	100.00%	6.912%
12	9.368	631	637	639	rBV	173626	168822	1.80%	0.124%
13	9.528	648	651	654	rBV	86034	125876	1.34%	0.093%
14	9.608	654	658	661	rBV	125850	216045	2.30%	0.159%
15	9.665	661	663	665	rVV	2146784	1729199	18.43%	1.274%
16	9.802	673	675	677	rVB	153370	148592	1.58%	0.109%
17	9.950	685	688	689	rBV	2284162	2237098	23.84%	1.648%
18	9.973	689	690	692	rVB	511888	704574	7.51%	0.519%
19	10.145	703	705	707	rVB	513114	654100	6.97%	0.482%
20	10.362	721	724	726	rBV2	72759	147103	1.57%	0.108%
21	10.488	733	735	738	rVB	683065	836010	8.91%	0.616%
22	10.613	744	746	748	rBV2	59295	102153	1.09%	0.075%
23	10.648	748	749	752	rVB	148361	181653	1.94%	0.134%
24	10.739	754	757	759	rBV	6021625	6355571	67.73%	4.681%
25	10.865	764	768	771	rBV	235421	326834	3.48%	0.241%
26	11.036	780	783	785	rBV4	90914	209607	2.23%	0.154%
27	11.196	792	797	798	rBV4	83938	205950	2.19%	0.152%
28	11.231	798	800	803	rVB	371170	353625	3.77%	0.260%
29	11.288	803	805	806	rBV	86362	120942	1.29%	0.089%
30	11.322	806	808	812	rVB2	354747	606168	6.46%	0.446%
31	11.436	815	818	819	rBV	1879715	2597631	27.68%	1.913%
32	11.459	819	820	822	rVV	5468135	5175143	55.15%	3.812%
33	11.505	822	824	826	rVB	1455534	1451384	15.47%	1.069%
34	11.653	834	837	840	rBV2	1097908	1469185	15.66%	1.082%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082611.D
Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.745	842	845	848	rVB4	155466	290175	3.09%	0.214%
36	11.894	856	858	859	rBV2	56198	106420	1.13%	0.078%
37	11.939	859	862	863	rVV	379969	599635	6.39%	0.442%
38	11.974	863	865	867	rVV2	1480015	2025439	21.58%	1.492%
39	12.008	867	868	870	rVV	318572	332636	3.54%	0.245%
40	12.042	870	871	875	rVV2	745966	1211030	12.91%	0.892%
41	12.134	875	879	883	rVV2	149458	394874	4.21%	0.291%
42	12.248	886	889	891	rVB2	316149	613559	6.54%	0.452%
43	12.385	898	901	902	rBV2	110887	185554	1.98%	0.137%
44	12.431	904	905	907	rVV	113080	110902	1.18%	0.082%
45	12.488	907	910	912	rVV	176299	267846	2.85%	0.197%
46	12.522	912	913	916	rVV2	102567	209205	2.23%	0.154%
47	12.568	916	917	920	rVB2	220284	215044	2.29%	0.158%
48	12.648	921	924	926	rBV	4290538	6112858	65.14%	4.502%
49	12.694	926	928	931	rVV3	134666	276449	2.95%	0.204%
50	12.762	931	934	936	rVV3	765087	895091	9.54%	0.659%
51	12.796	936	937	939	rVV	228847	218721	2.33%	0.161%
52	12.876	941	944	947	rBV	3707239	5269700	56.16%	3.881%
53	12.922	947	948	951	rVB2	225848	225075	2.40%	0.166%
54	12.991	953	954	955	rBV	263455	267553	2.85%	0.197%
55	13.025	955	957	960	rVB	6028613	7382607	78.67%	5.438%
56	13.117	960	965	967	rBV3	237863	692047	7.37%	0.510%
57	13.208	967	973	974	rBV2	427372	786860	8.38%	0.580%
58	13.277	977	979	980	rBV	269648	352381	3.76%	0.260%
59	13.311	980	982	986	rBV2	349038	606055	6.46%	0.446%
60	13.402	988	990	991	rBV	175811	173166	1.85%	0.128%
61	13.505	998	999	1003	rVB3	168208	214985	2.29%	0.158%
62	13.711	1015	1017	1019	rBV	347494	384106	4.09%	0.283%
63	13.825	1024	1027	1028	rBV2	322291	479505	5.11%	0.353%
64	13.871	1028	1031	1034	rVV3	223782	682004	7.27%	0.502%
65	13.939	1034	1037	1040	rVV2	779378	1299202	13.84%	0.957%
66	14.077	1044	1049	1050	rVV2	2853263	4234009	45.12%	3.119%
67	14.111	1050	1052	1054	rVV	1440900	1867827	19.90%	1.376%
68	14.179	1056	1058	1060	rVV2	198840	325617	3.47%	0.240%
69	14.259	1063	1065	1067	rVV	190121	271964	2.90%	0.200%
70	14.294	1067	1068	1071	rVB2	245902	345259	3.68%	0.254%
71	14.511	1085	1087	1089	rBV	124123	156974	1.67%	0.116%

LSC Area Percent Report

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Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.968	1125	1127	1130	rVB	233027	259612	2.77%	0.191%
73	15.128	1138	1141	1146	rVB	1391254	3082936	32.85%	2.271%
74	15.231	1149	1150	1153	rVB	255993	207352	2.21%	0.153%
75	15.425	1165	1167	1170	rVB	847612	1144194	12.19%	0.843%
76	15.482	1170	1172	1175	rVV	924691	1476423	15.73%	1.087%
77	15.551	1175	1178	1179	rVV	915746	1207619	12.87%	0.889%
78	15.585	1179	1181	1186	rVB	376383	622063	6.63%	0.458%
79	16.100	1223	1226	1230	rVB2	214736	468191	4.99%	0.345%
80	16.271	1239	1241	1247	rVB3	185001	429088	4.57%	0.316%
81	16.705	1276	1279	1283	rVB2	221193	475796	5.07%	0.350%
82	16.820	1286	1289	1293	rVB2	134253	330415	3.52%	0.243%
83	16.991	1300	1304	1308	rVB2	665571	1339491	14.27%	0.987%
84	17.151	1316	1318	1321	rVB	112875	210243	2.24%	0.155%
85	17.220	1321	1324	1326	rBV2	99496	246935	2.63%	0.182%
86	17.414	1338	1341	1348	rVB	528583	1172643	12.50%	0.864%
87	19.791	1544	1549	1553	rBV3	106889	401537	4.28%	0.296%

Sum of corrected areas: 135770622

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082611.D
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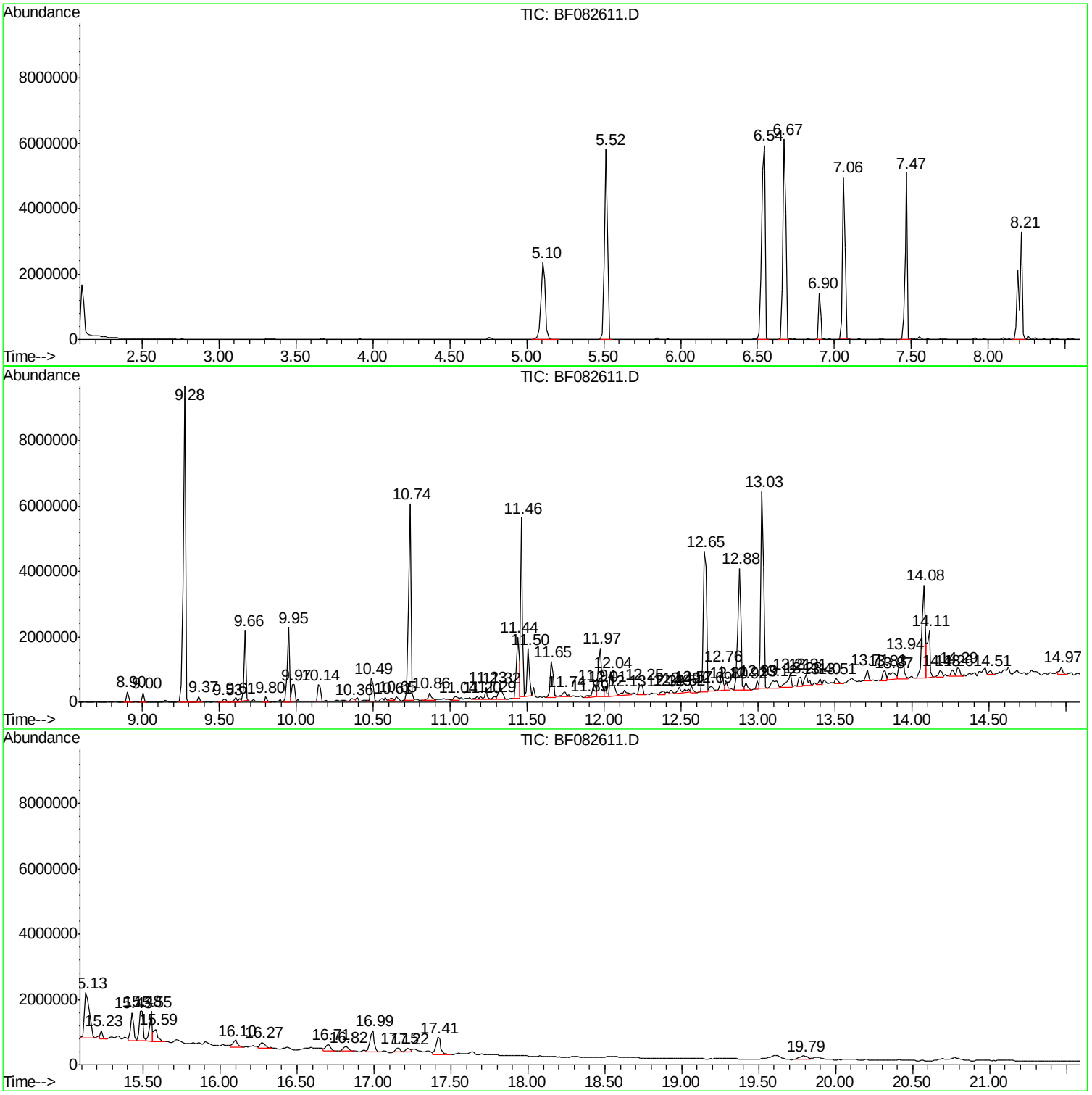
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082611.D
Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

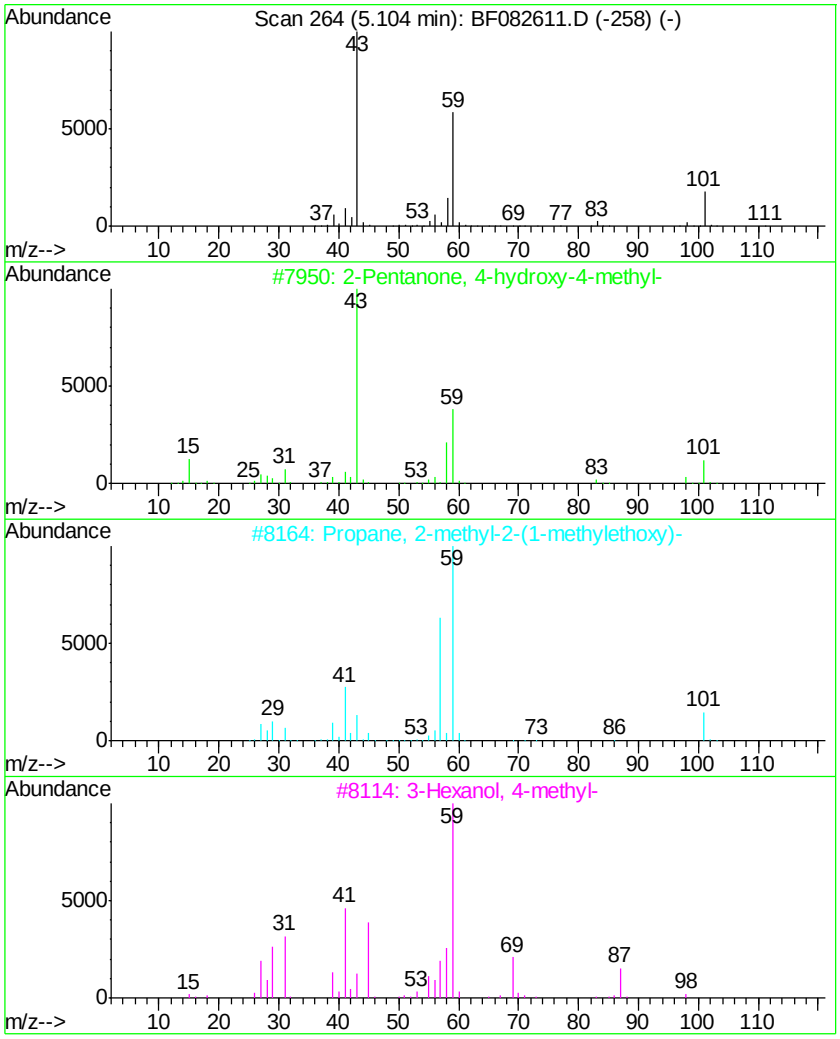
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

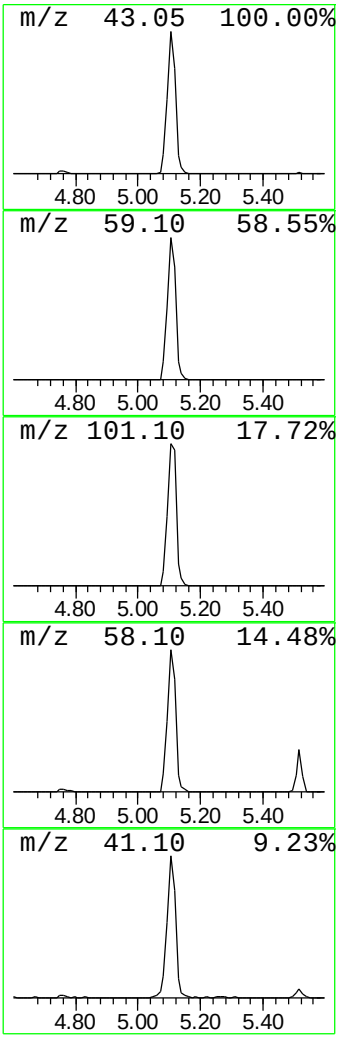
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	57.56 ng	4300380	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082611.D
Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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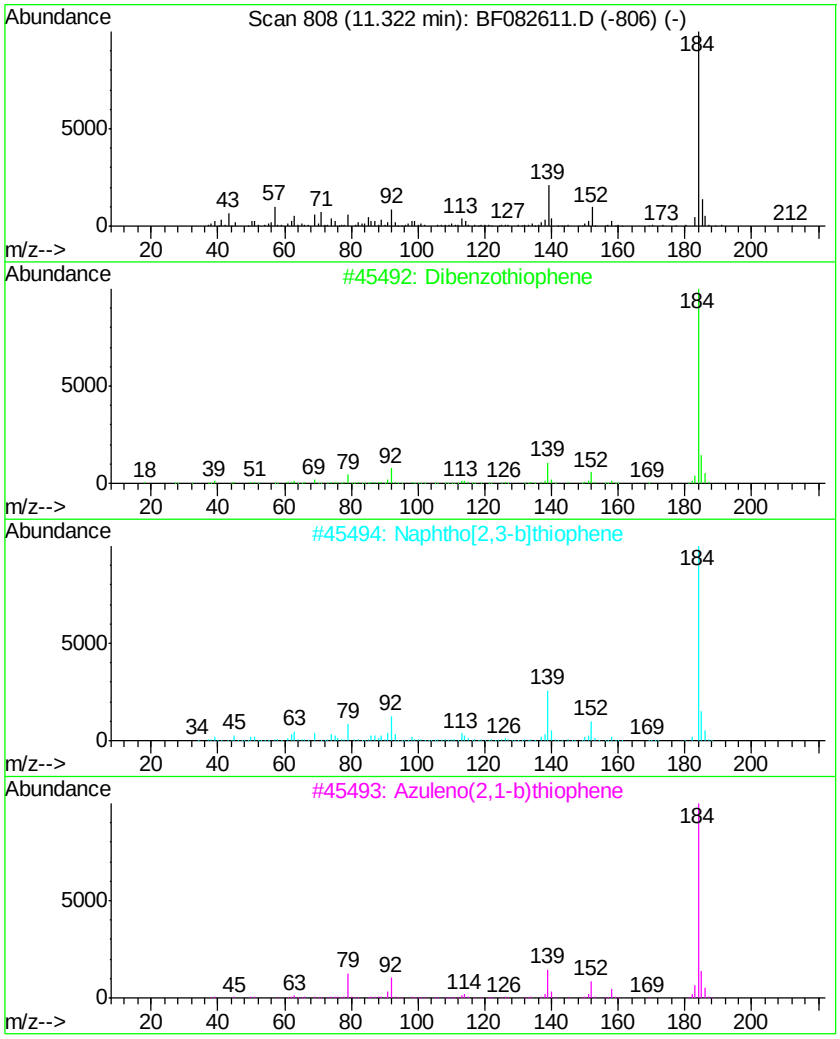
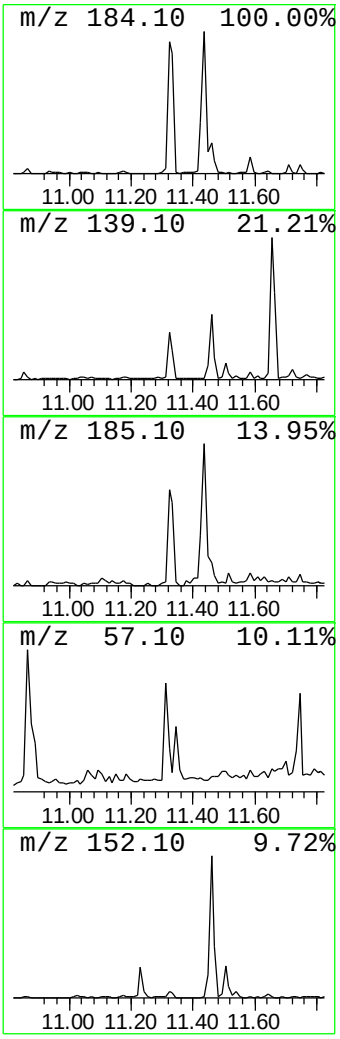
Peak Number 4 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	4.67 ng	606168	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	64
5	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082611.D
Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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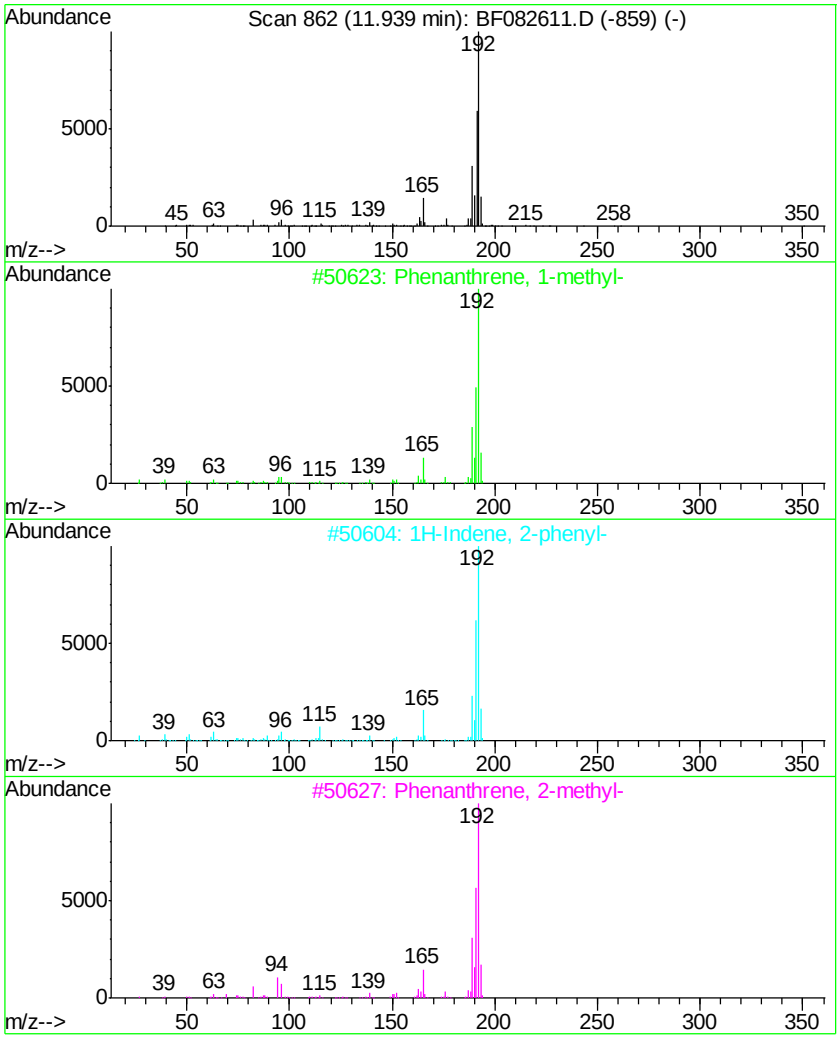
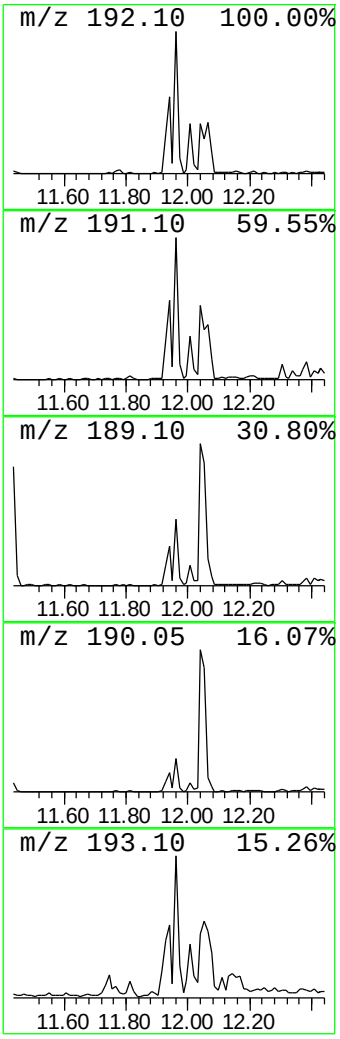
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.62 ng	599635	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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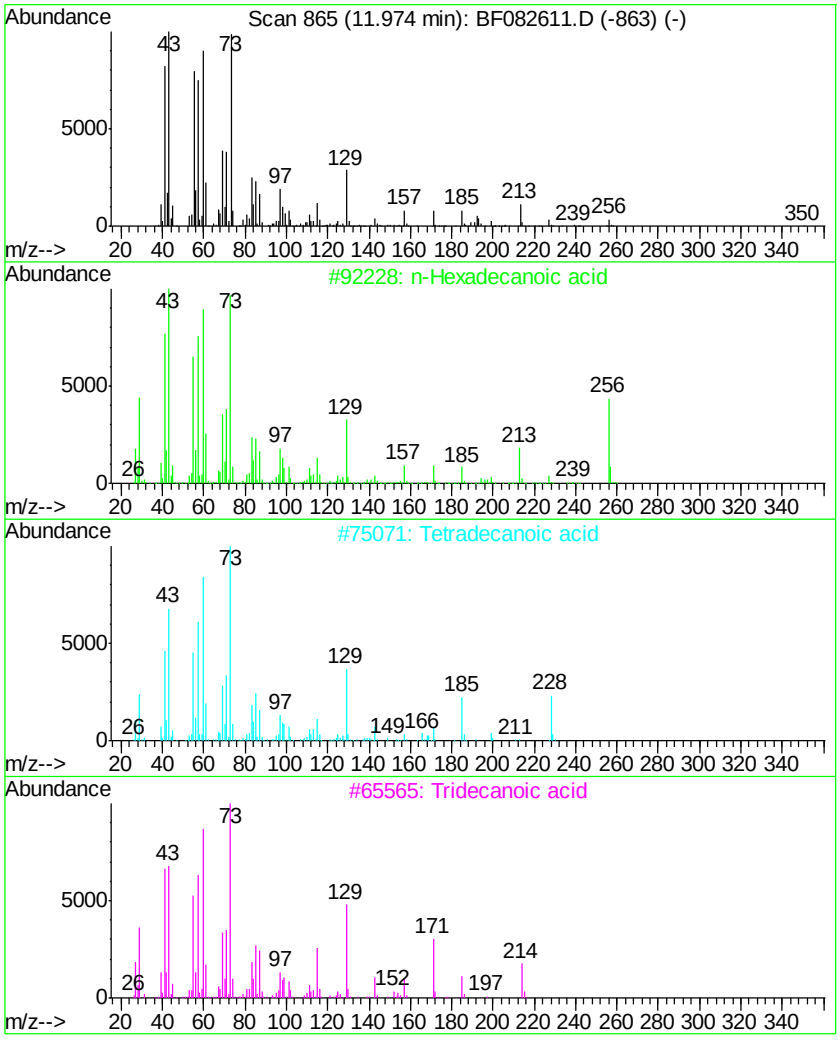
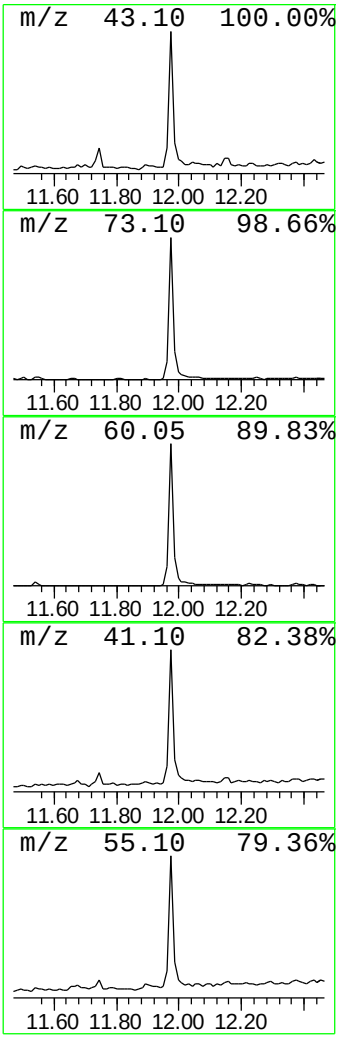
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	15.59 ng	2025440	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082611.D
Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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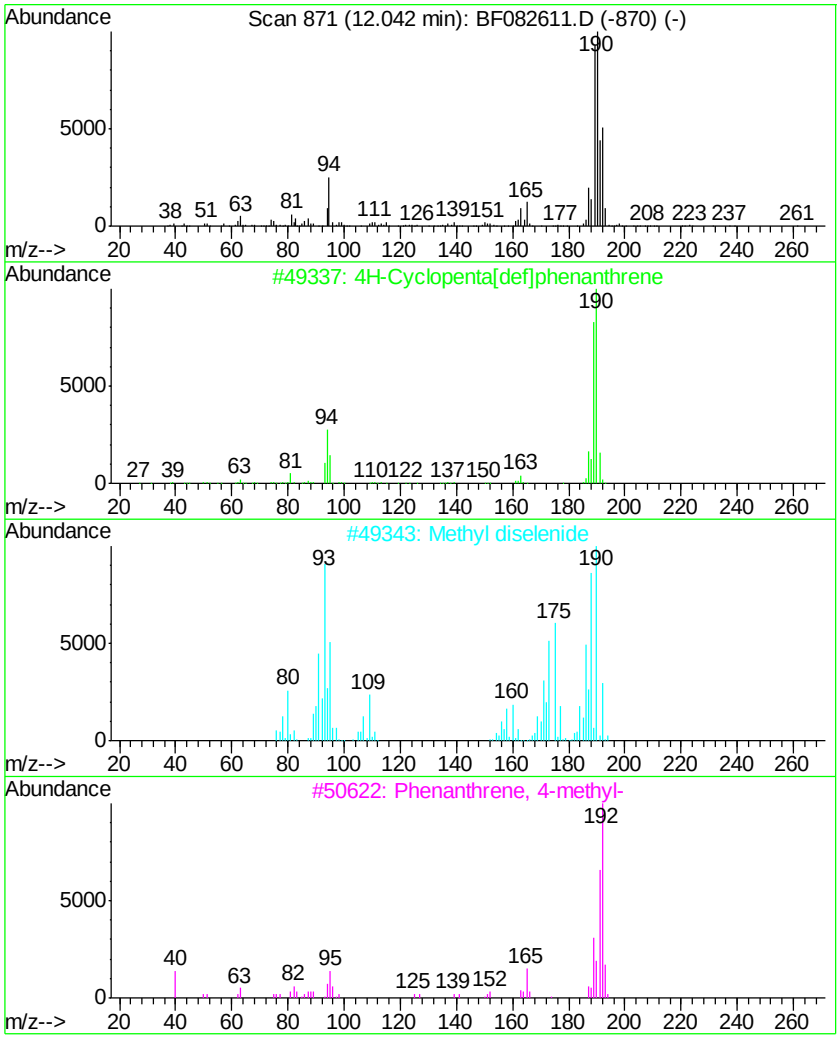
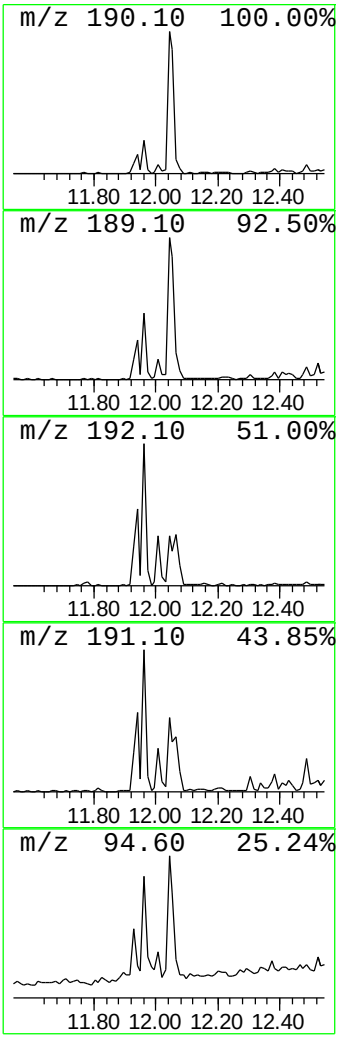
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	9.32 ng	1211030	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082611.D
Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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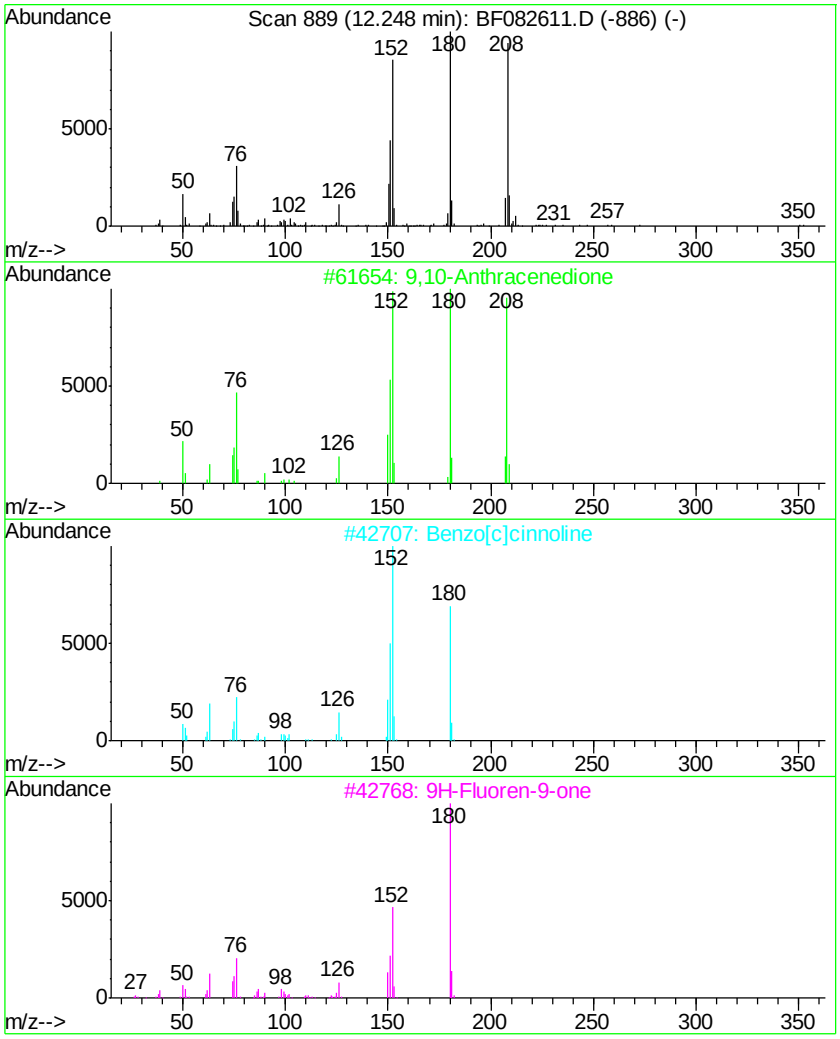
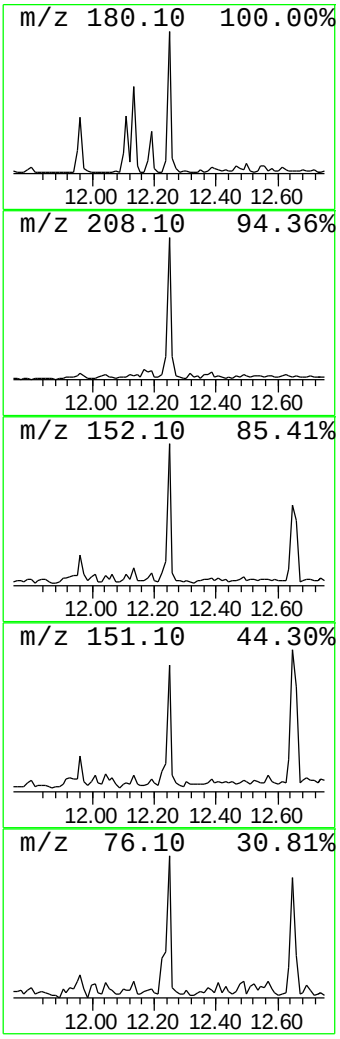
Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.72 ng	613559	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52





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Data File : BF082611.D
Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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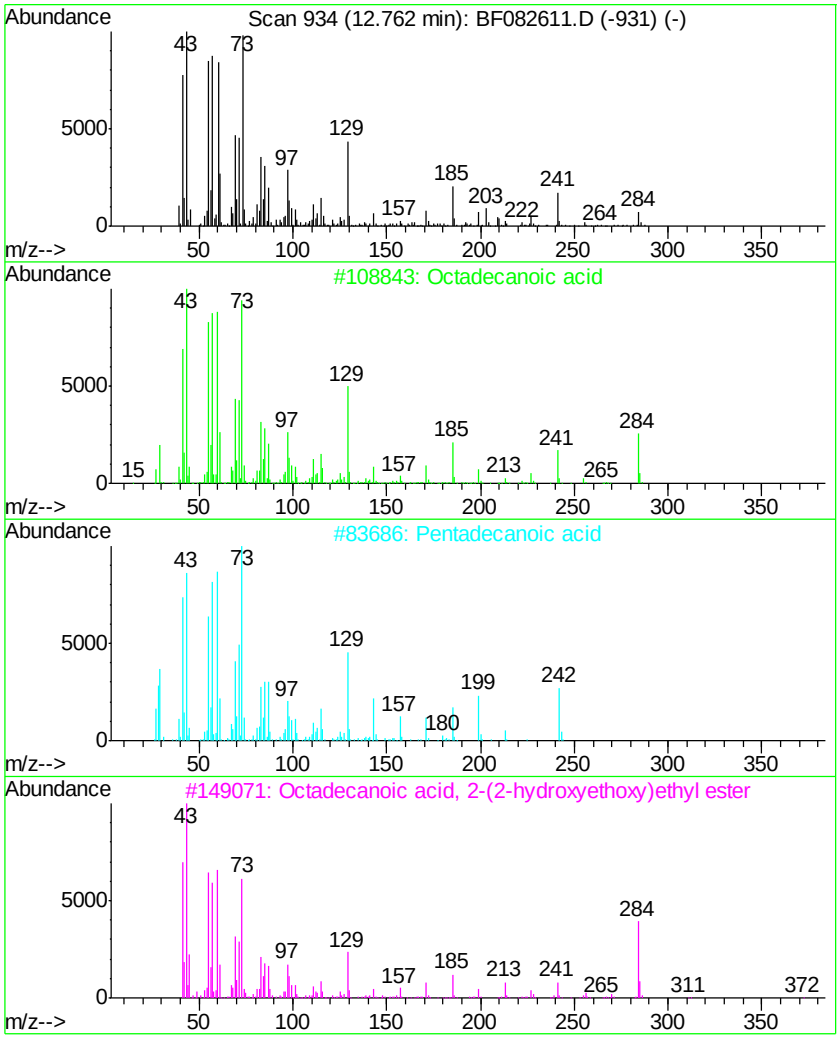
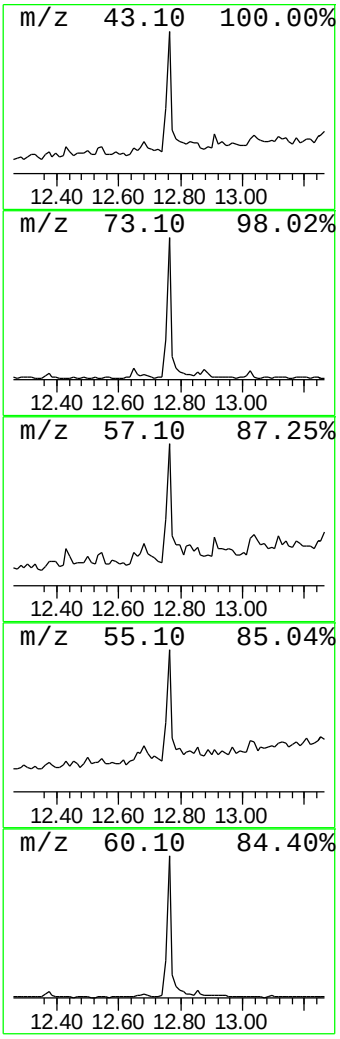
Peak Number 9 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	4.23 ng	895091	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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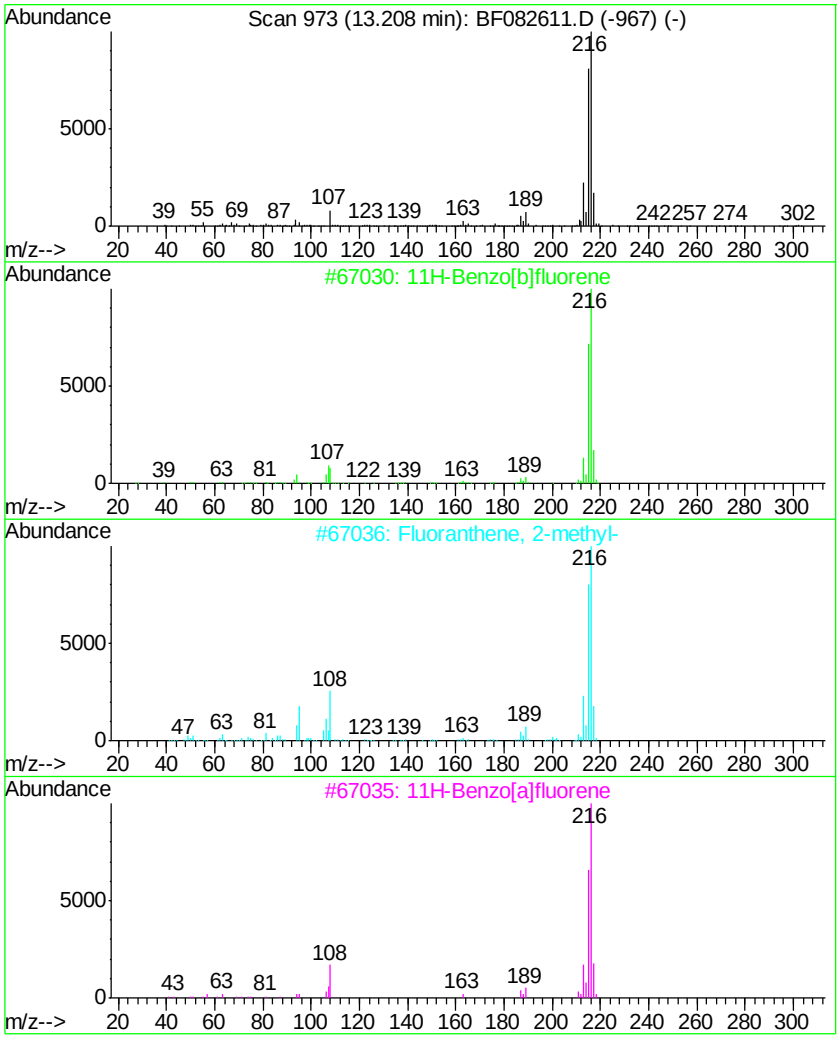
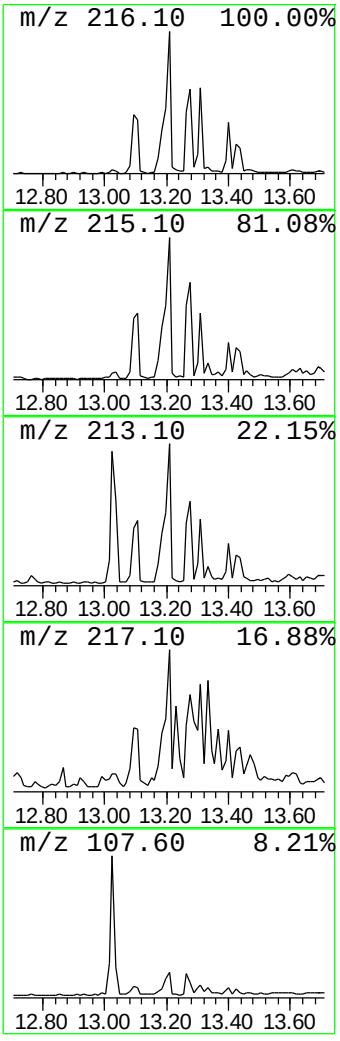
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.72 ng	786860	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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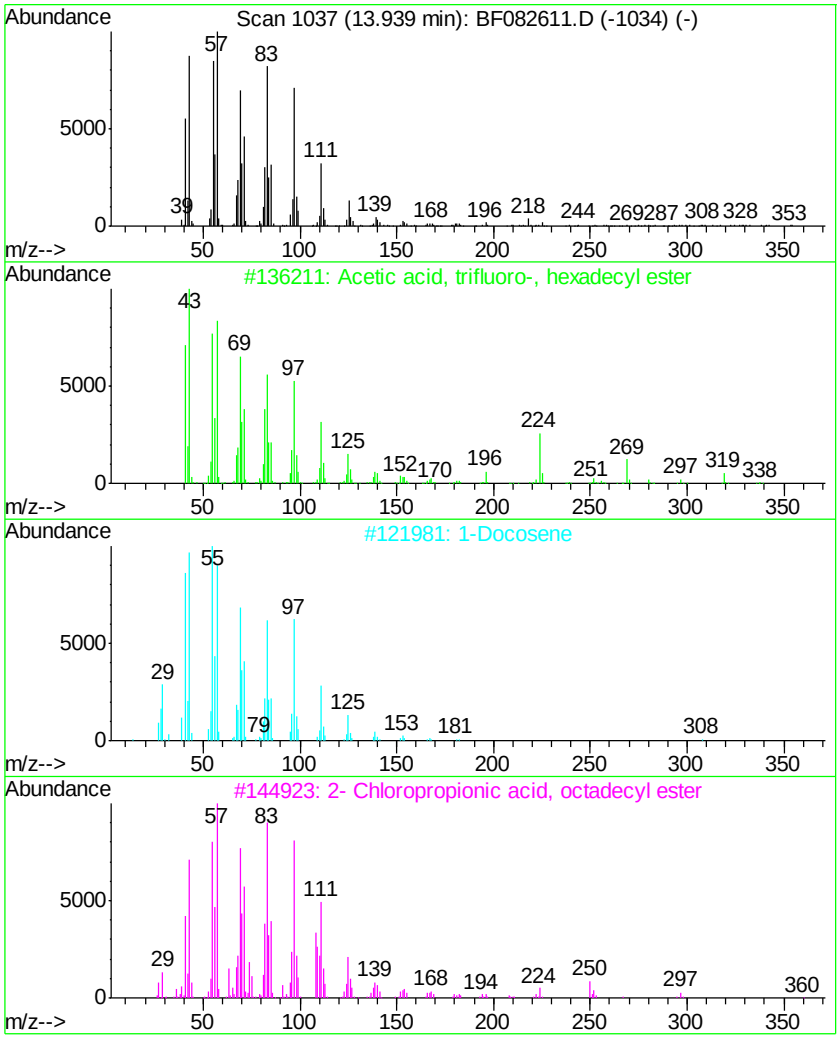
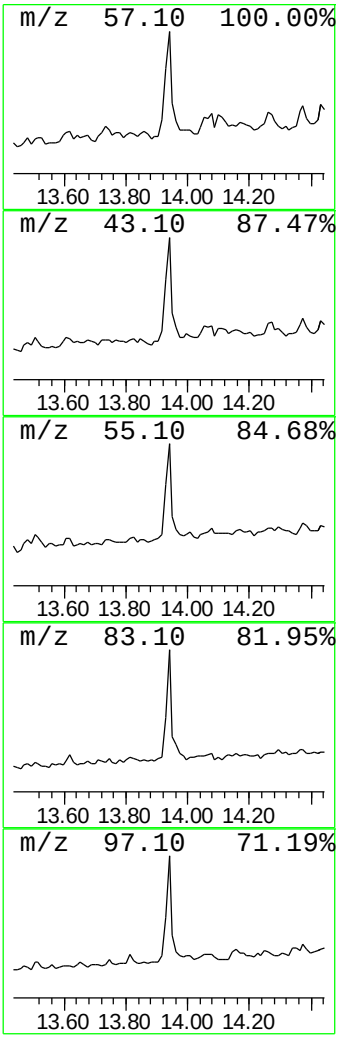
Peak Number 11 Acetic acid, trifluoro-, he... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	6.14 ng	1299200	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, trifluoro-, hexadec...	338	C18H33F3O2	006222-03-3	93
2	1-Docosene	308	C22H44	001599-67-3	92
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





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Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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TIC Library : C:\DATABASE\NIST02.L
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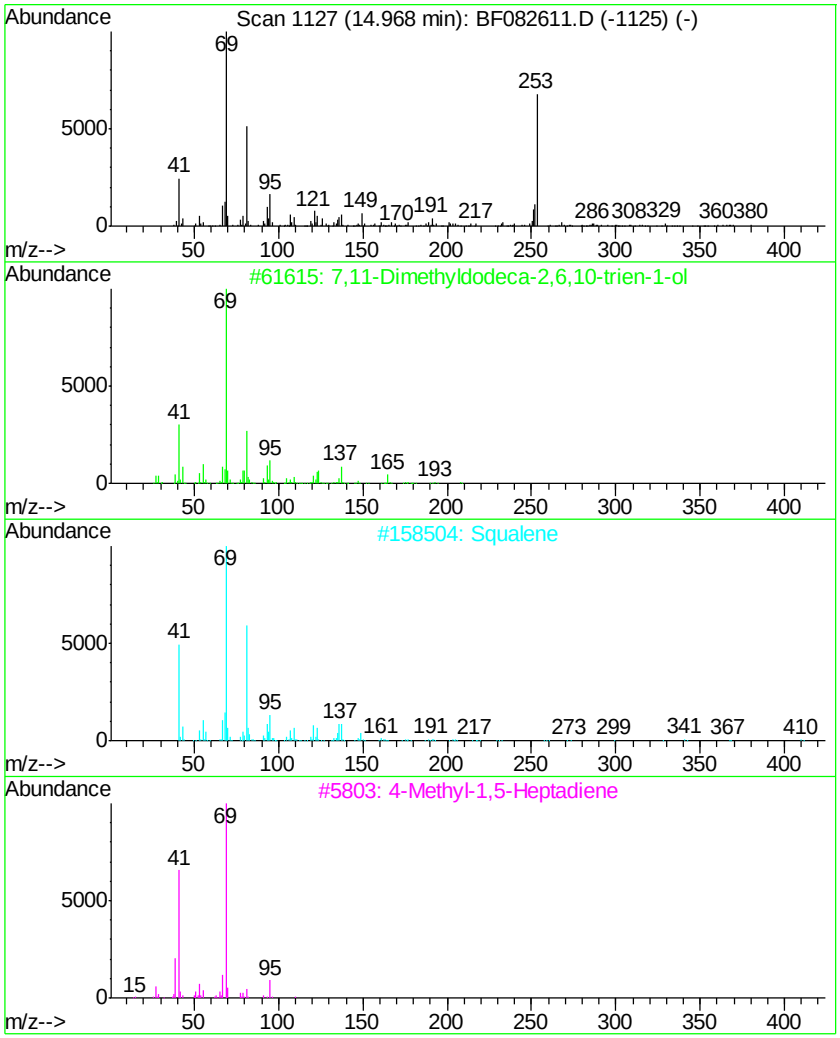
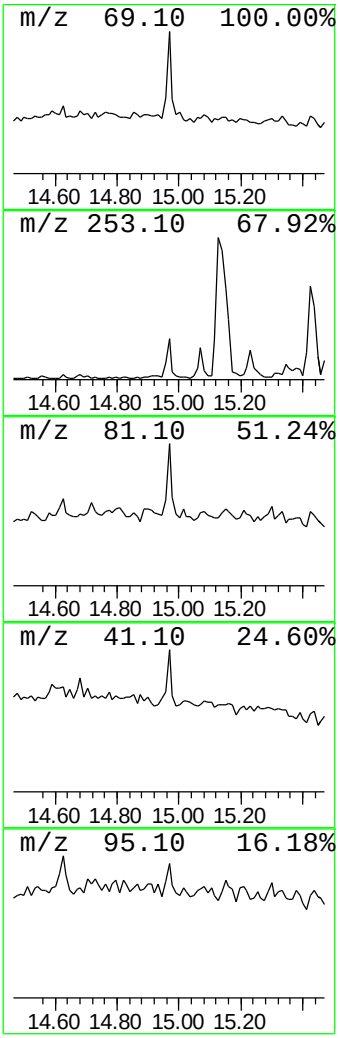
Peak Number 12 unknown14.97 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	4.30 ng	259612	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	49
2	Squalene	410	C30H50	007683-64-9	43
3	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	43
4	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	43
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	43





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Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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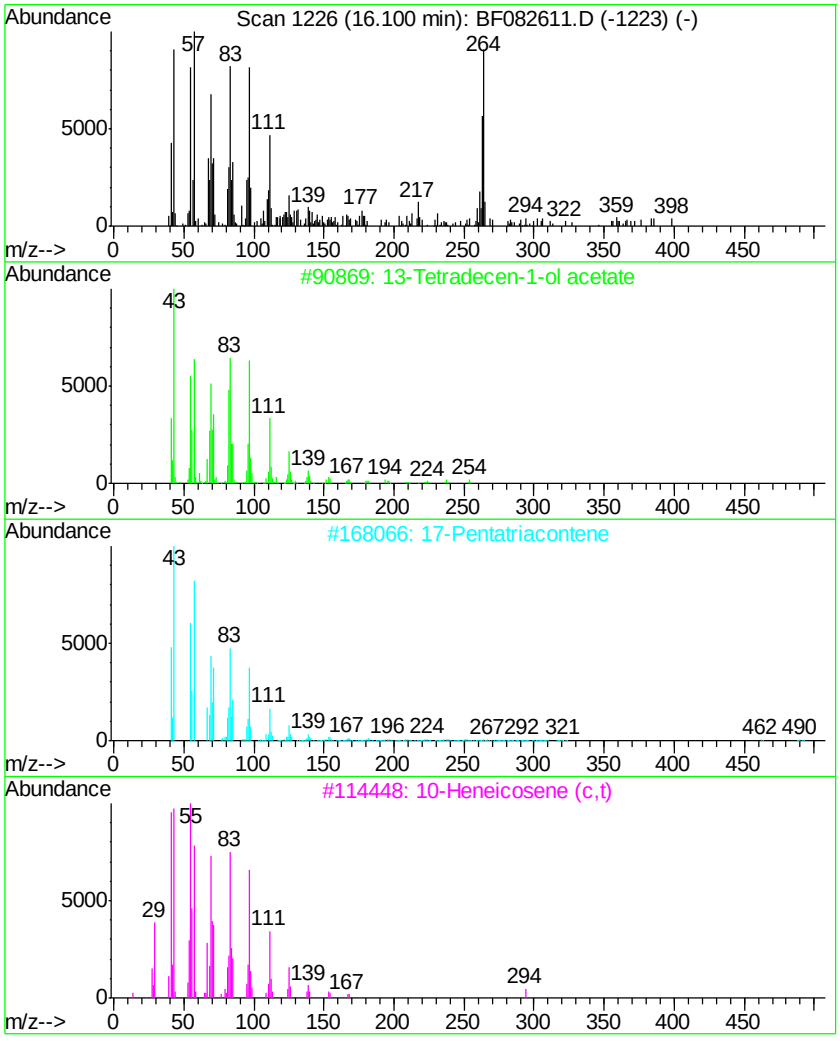
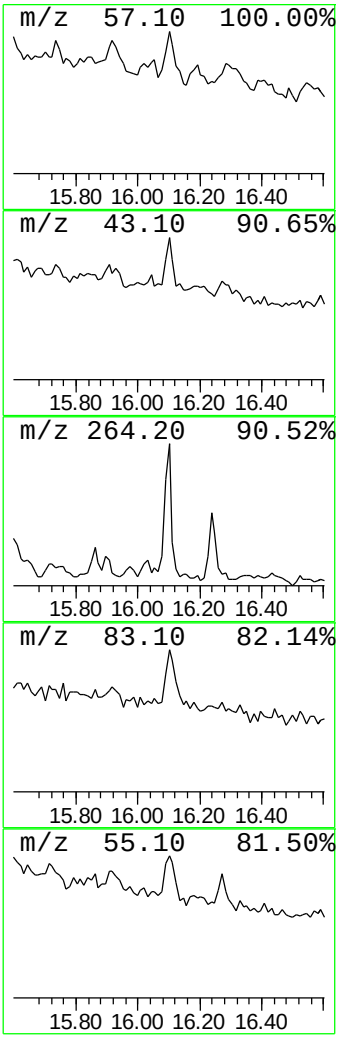
Peak Number 14 13-Tetradecen-1-ol acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	7.75 ng	468191	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	78
2	17-Pentatriacontene	491	C35H70	006971-40-0	45
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	42
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	38
5	1-Octadecene	252	C18H36	000112-88-9	35





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Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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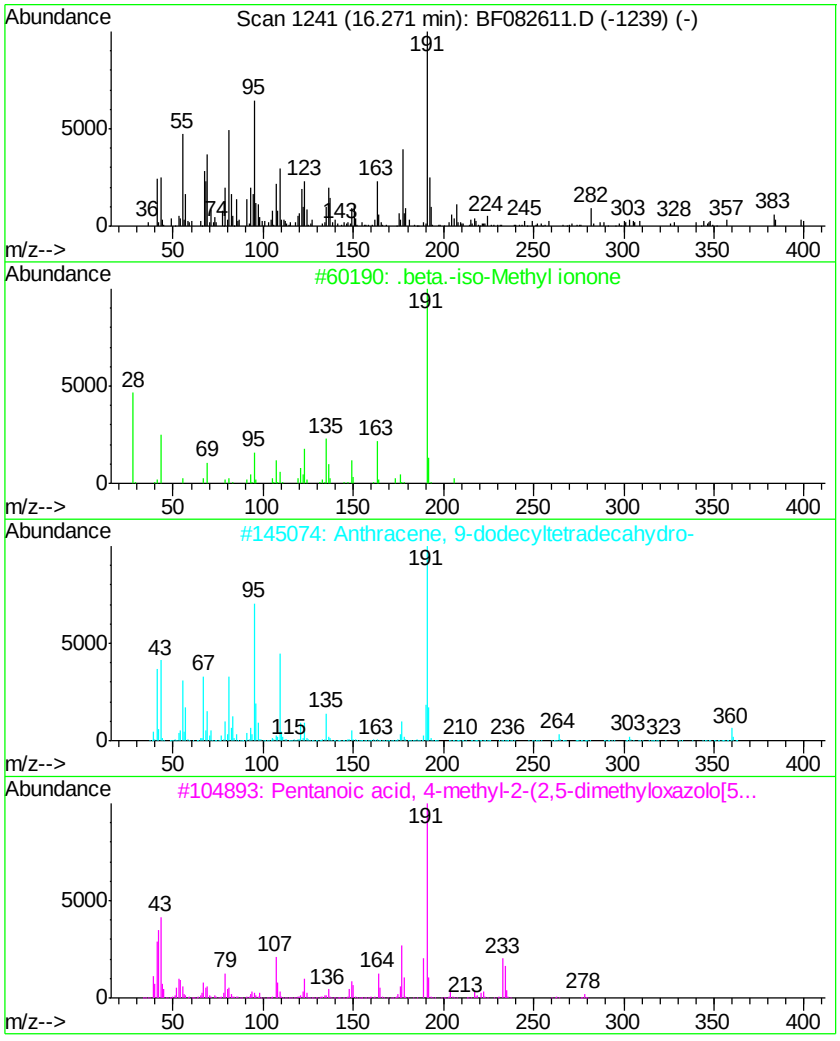
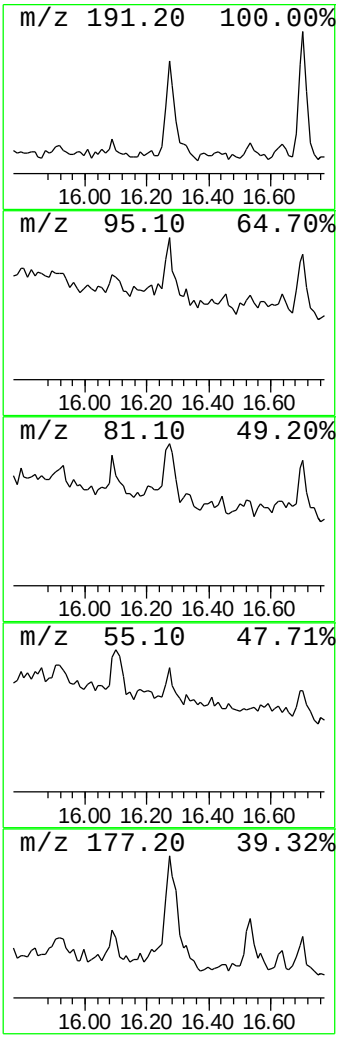
Peak Number 15 unknown16.27 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	7.11 ng	429088	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
3	Pentanoic acid, 4-methyl-2-(2,5-...	278	C13H18N4O3	1000294-63-5	37
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	32
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27





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Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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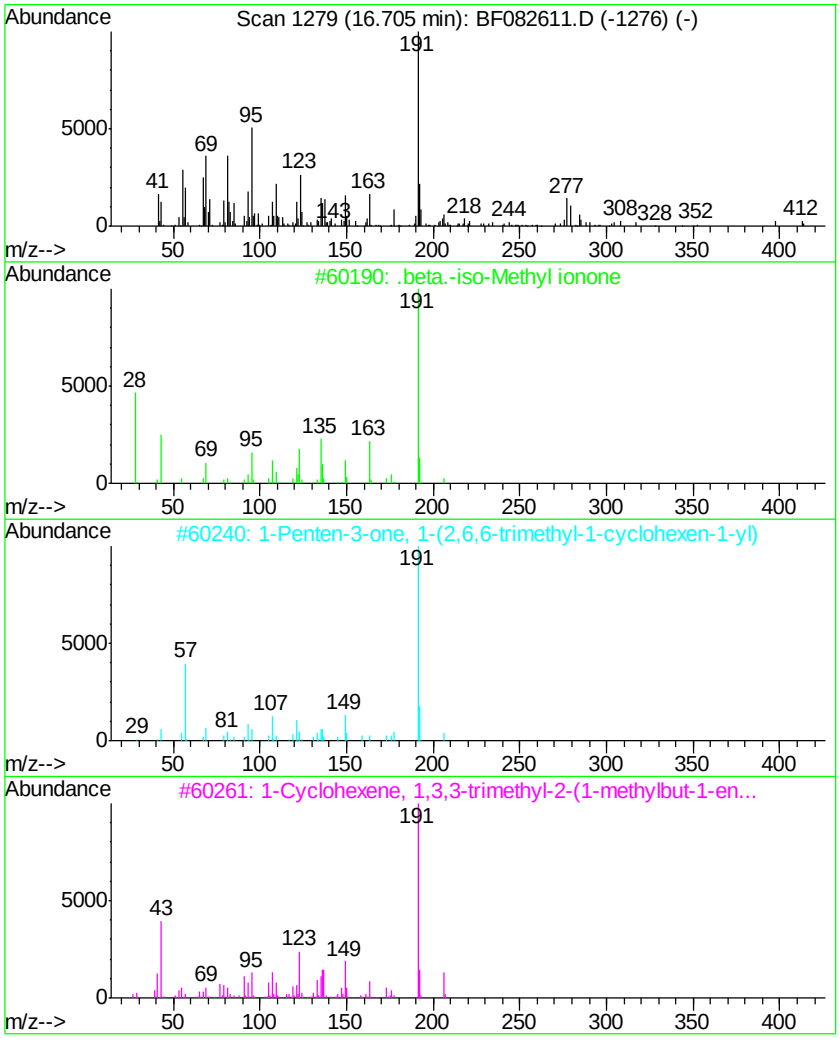
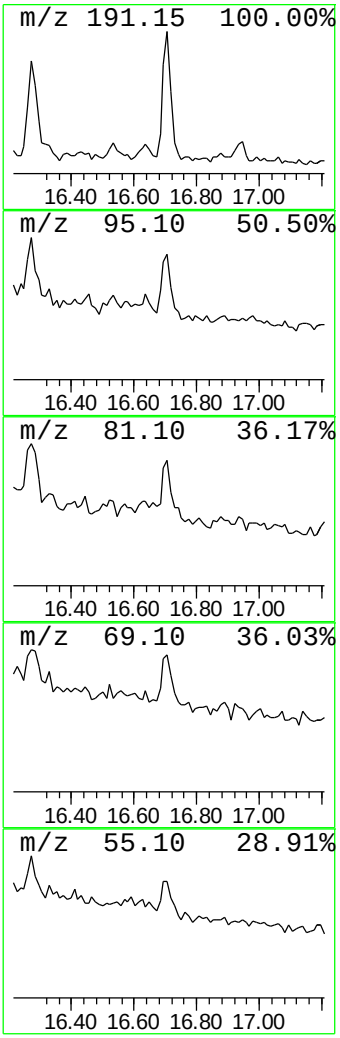
Peak Number 16 .beta.-iso-Methyl ionone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	7.88 ng	475796	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	59
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	47
4	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	43
5	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	35





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Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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TIC Integration Parameters: LSCINT.P

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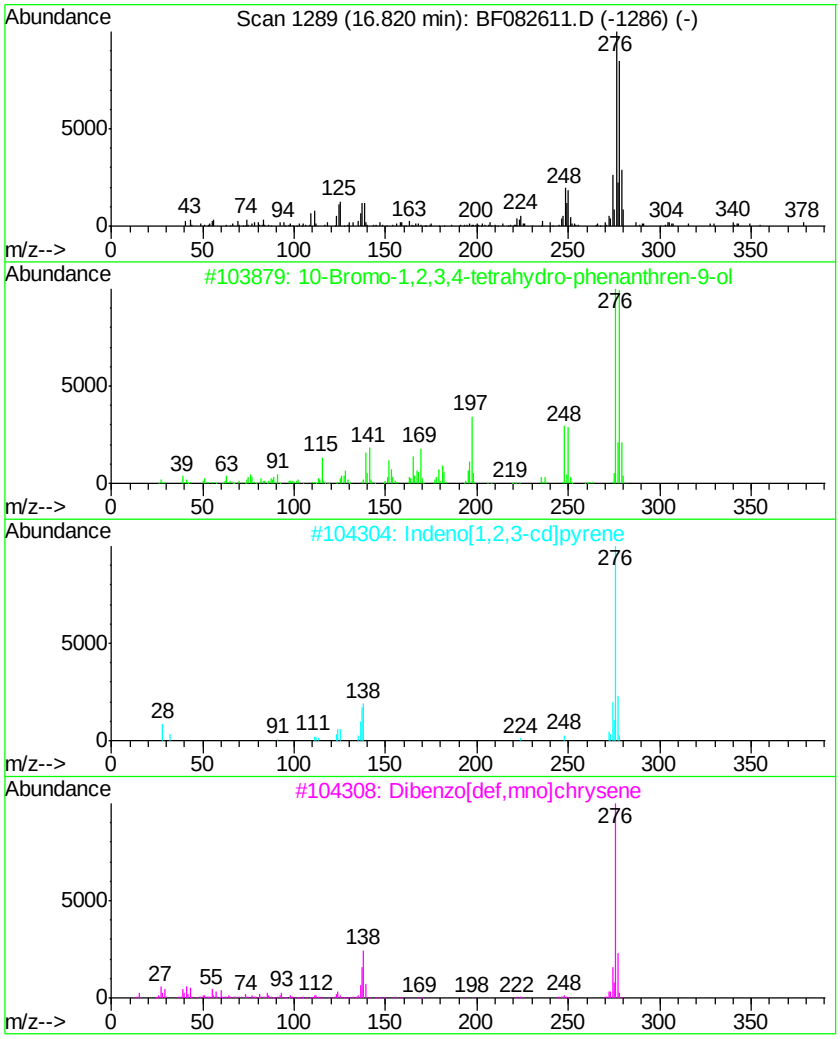
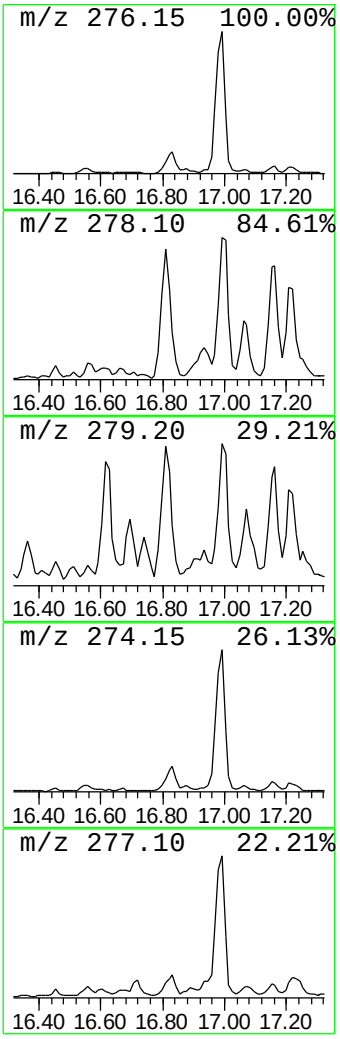
Peak Number 17 10-Bromo-1,2,3,4-tetrahydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	5.47 ng	330415	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	74
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	47
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	38
4	1H-1,4-Benzodiazepine-2,5-dione,...	278	C17H14N2O2	031965-37-4	38
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	38





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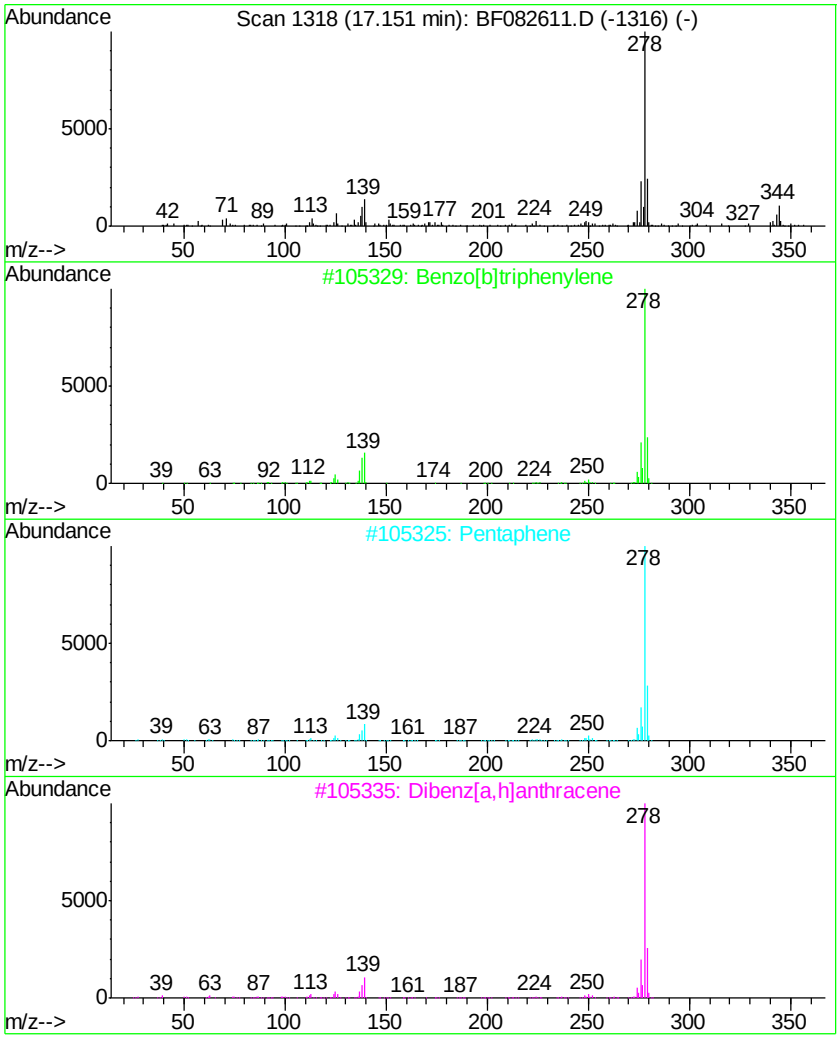
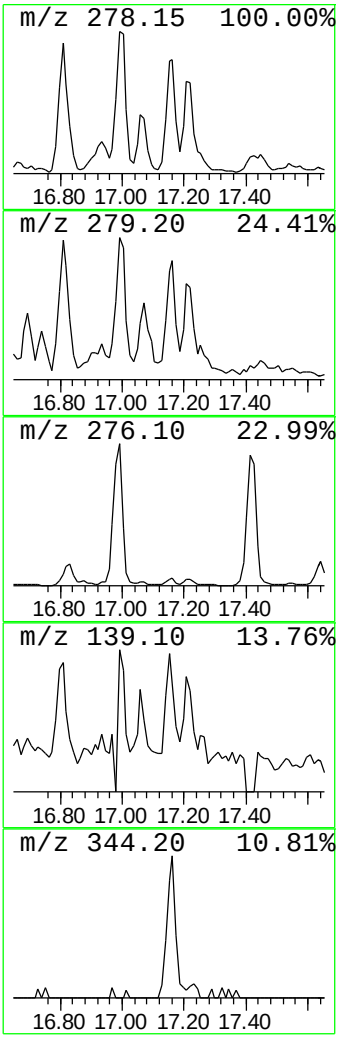
Peak Number 18 Benzo[b]triphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	3.48 ng	210243	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	Pentaphene	278	C22H14	000222-93-5	95
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	94
5	Benzo[b]chrysene	278	C22H14	000214-17-5	89





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Sample : G4178-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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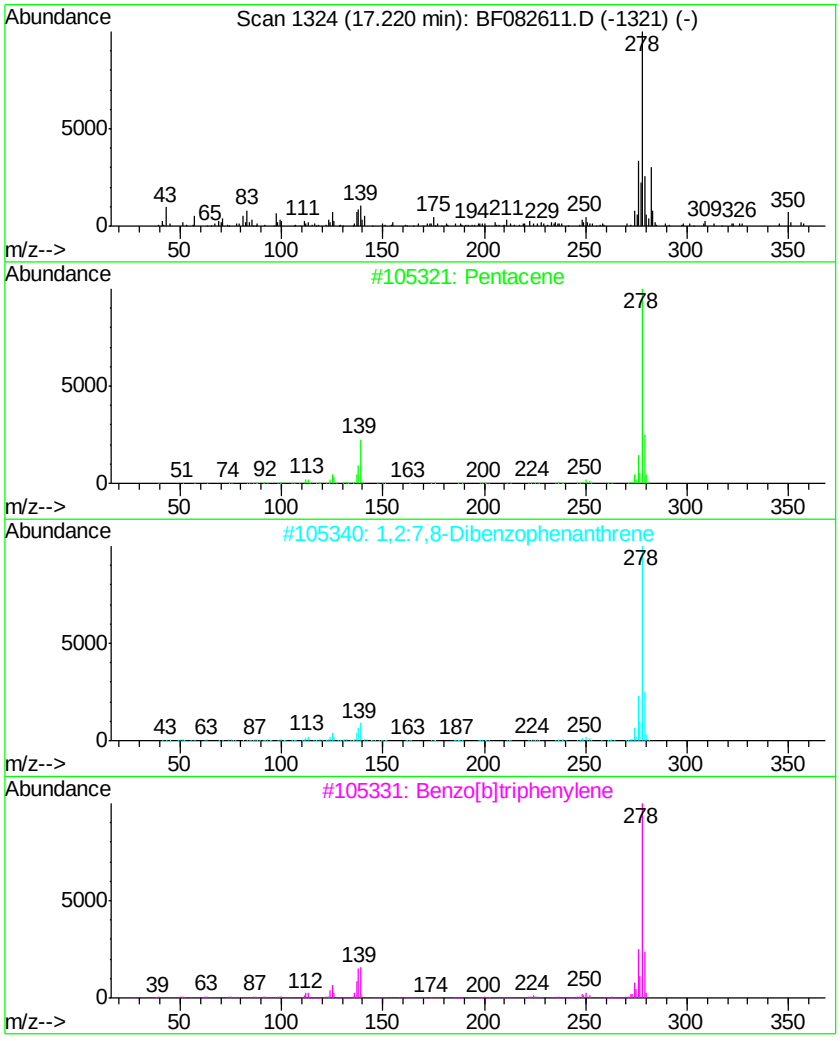
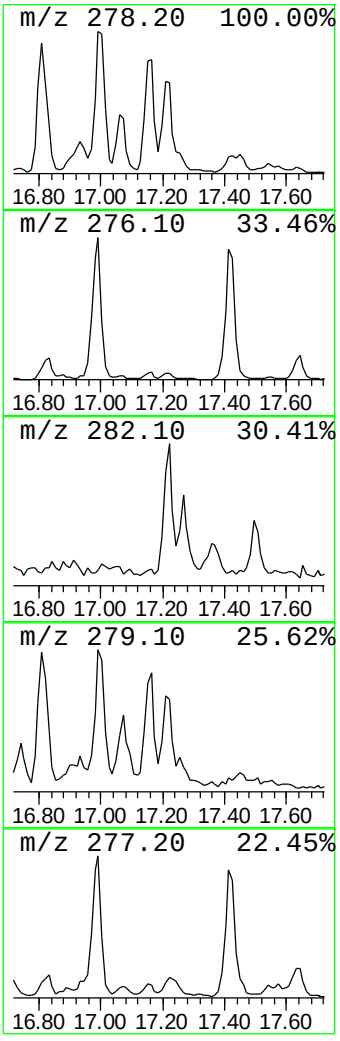
Peak Number 19 Pentacene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	4.09 ng	246935	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	60
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	60
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	60
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	58
5	Benzo[b]chrysene	278	C22H14	000214-17-5	53





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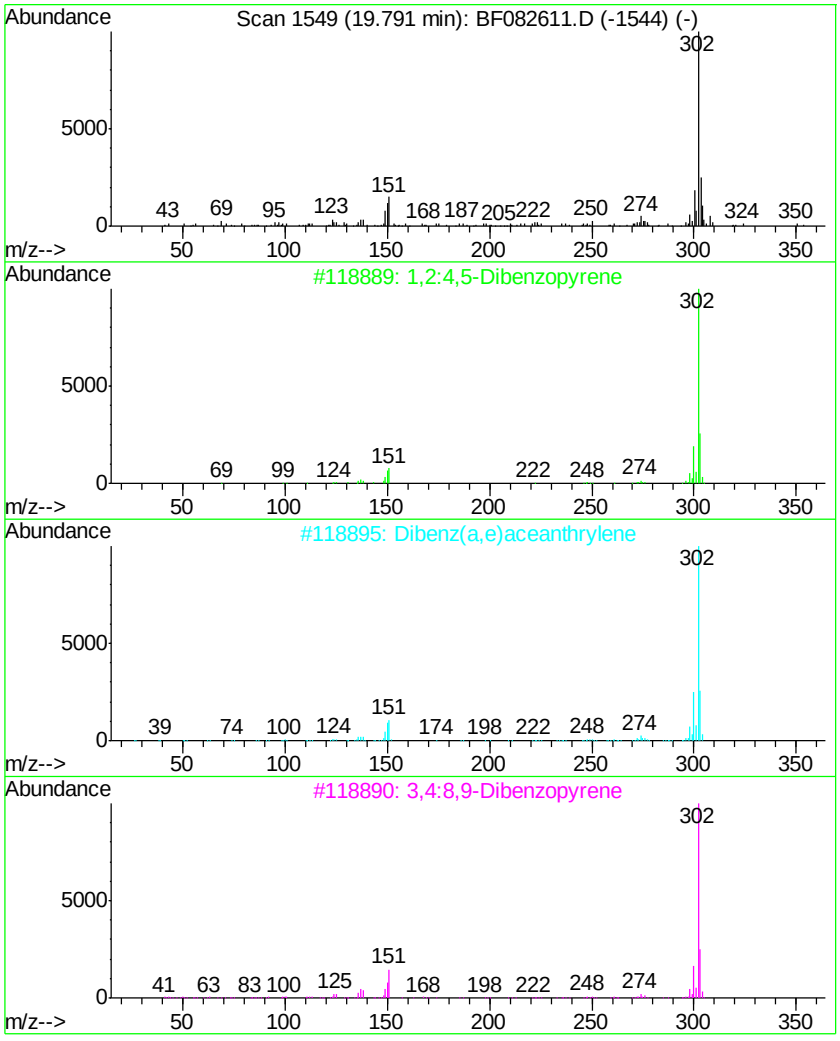
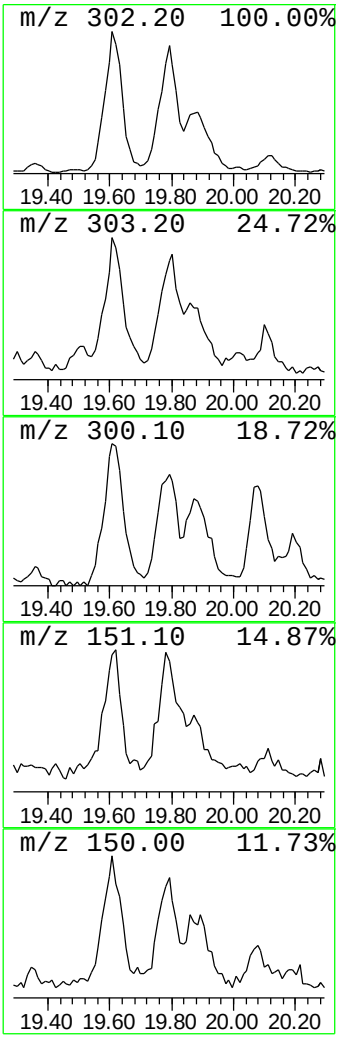
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	6.65 ng	401537	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	94
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	72





Tentatively Identified Compound (LSC) summary

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Data File : BF082611.D
Acq On : 31 Oct 2015 10:15
Operator : UM/IZ
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Misc :
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Instrument : BNA_F
ClientSampleId : S4-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.10	57.6	ng	4300380	1	6.90	1494280	20.0
Dibenzothiophene	11.32	4.7	ng	606168	4	11.44	2597630	20.0
Phenanthrene, 1-m...	11.94	4.6	ng	599635	4	11.44	2597630	20.0
n-Hexadecanoic acid	11.97	15.6	ng	2025440	4	11.44	2597630	20.0
4H-Cyclopenta[def...	12.04	9.3	ng	1211030	4	11.44	2597630	20.0
9,10-Anthracenedione	12.25	4.7	ng	613559	4	11.44	2597630	20.0
Octadecanoic acid	12.76	4.2	ng	895091	5	14.08	4234010	20.0
11H-Benzo[b]fluorene	13.21	3.7	ng	786860	5	14.08	4234010	20.0
Acetic acid, trif...	13.94	6.1	ng	1299200	5	14.08	4234010	20.0
unknown14.97	14.97	4.3	ng	259612	6	15.55	1207620	20.0
13-Tetradecen-1-o...	16.10	7.8	ng	468191	6	15.55	1207620	20.0
unknown16.27	16.27	7.1	ng	429088	6	15.55	1207620	20.0
.beta.-iso-Methyl...	16.71	7.9	ng	475796	6	15.55	1207620	20.0
10-Bromo-1,2,3,4-...	16.82	5.5	ng	330415	6	15.55	1207620	20.0
Benzo[b]triphenylene	17.15	3.5	ng	210243	6	15.55	1207620	20.0
Pentacene	17.22	4.1	ng	246935	6	15.55	1207620	20.0
1,2:4,5-Dibenzopy...	19.79	6.7	ng	401537	6	15.55	1207620	20.0