LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101801.D
Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

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-BF121417.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	5.004	492	496	518	rBV	339870	664243	17.51%	1.432%
2	5.410	561	565	599	rBV	2807916	3794295	100.00%	8.179%
3	6.434	735	739	756	rBV	2876629	3782423	99.69%	8.153%
4	6.557	756	760	777	rVB	3259761	3533207	93.12%	7.616%
5	6.781	795	798	808	rBV	1024991	976471	25.74%	2.105%
6	6.939	821	825	841	rBV	2720731	2787903	73.48%	6.010%
7	7.357	892	896	911	rBV	2138179	2314377	61.00%	4.989%
8	8.063	1013	1016	1029	rBV	1175349	1310489	34.54%	2.825%
9	8.786	1136	1139	1144	rBV2	42568	58321	1.54%	0.126%
10	9.139	1195	1199	1202	rBV	3807403	3485035	91.85%	7.512%
11	9.204	1207	1210	1213	rVV	72818	65964	1.74%	0.142%
12	9.245	1213	1217	1222	rVV3	42404	60253	1.59%	0.130%
13	9.310	1225	1228	1231	rVB2	32039	40936	1.08%	0.088%
14	9.416	1242	1246	1250	rBV3	40521	75808	2.00%	0.163%
15	9.480	1254	1257	1260	rVV	61761	69832	1.84%	0.151%
16	9.516	1260	1263	1264	rVV2	57658	62529	1.65%	0.135%
17	9.539	1264	1267	1273	rVB	181510	204329	5.39%	0.440%
18	9.598	1274	1277	1281	rBV3	57938	60915	1.61%	0.131%
19	9.733	1295	1300	1303	rBV	147555	137256	3.62%	0.296%
20	9.822	1309	1315	1318	rBV	1232682	1173500	30.93%	2.530%
21	9.851	1318	1320	1323	rVV	193011	185276	4.88%	0.399%
22	9.939	1327	1335	1336	rBV4	40119	94065	2.48%	0.203%
23	10.033	1347	1351	1354	rBV2	67869	87183	2.30%	0.188%
24	10.169	1372	1374	1376	rBV	65157	57691	1.52%	0.124%
25	10.233	1380	1385	1388	rBV	155304	173358	4.57%	0.374%
26	10.375	1406	1409	1414	rVB	172579	204925	5.40%	0.442%
27	10.616	1447	1450	1455	rBV	1442767	1580526	41.66%	3.407%
28	10.704	1463	1465	1468	rBV2	114129	118768	3.13%	0.256%
29	11.092	1529	1531	1534	rVB	92638	67841	1.79%	0.146%
30	11.216	1549	1552	1555	rBV3	107530	165727	4.37%	0.357%
31	11.316	1565	1569	1571	rBV	981023	1097235	28.92%	2.365%
32	11.339	1571	1573	1576	rVV	1621773	1345598	35.46%	2.901%
33	11.392	1580	1582	1585	rVV	462934	460493	12.14%	0.993%
34	11.439	1588	1590	1592	rVV2	110434	86316	2.27%	0.186%

LSC Area Percent Report

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Data File : BF101801.D
Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.469	1592	1595	1599	rVB3	170726	210983	5.56%	0.455%
36	11.516	1600	1603	1605	rBV	148399	147849	3.90%	0.319%
37	11.557	1608	1610	1612	rBV2	83270	69201	1.82%	0.149%
38	11.733	1638	1640	1642	rBV2	98021	78602	2.07%	0.169%
39	11.816	1651	1654	1657	rBV	328057	384254	10.13%	0.828%
40	11.845	1657	1659	1664	rVB2	393081	363096	9.57%	0.783%
41	11.898	1665	1668	1670	rVB2	139423	127256	3.35%	0.274%
42	11.927	1670	1673	1676	rBV	441708	495492	13.06%	1.068%
43	12.110	1701	1704	1706	rBV	174760	165095	4.35%	0.356%
44	12.292	1733	1735	1737	rBV	91715	82887	2.18%	0.179%
45	12.369	1745	1748	1750	rBV	173962	201783	5.32%	0.435%
46	12.533	1772	1776	1780	rBV	1794607	1659630	43.74%	3.578%
47	12.686	1800	1802	1808	rVB4	104688	121022	3.19%	0.261%
48	12.769	1809	1816	1821	rBV	1743745	2069940	54.55%	4.462%
49	12.898	1834	1838	1841	rBV	2241264	2255684	59.45%	4.862%
50	13.092	1869	1871	1876	rVB2	309550	332041	8.75%	0.716%
51	13.157	1879	1882	1885	rVV	255213	204444	5.39%	0.441%
52	13.198	1887	1889	1892	rVB	188908	153906	4.06%	0.332%
53	13.292	1902	1905	1908	rBV	146480	158600	4.18%	0.342%
54	13.321	1908	1910	1913	rVV	153847	137101	3.61%	0.296%
55	13.774	1984	1987	1993	rBV4	389424	501016	13.20%	1.080%
56	13.963	2015	2019	2022	rBV2	1085072	1679228	44.26%	3.620%
57	13.992	2022	2024	2032	rVB	795989	816410	21.52%	1.760%
58	14.074	2036	2038	2043	rBV2	150880	134474	3.54%	0.290%
59	14.357	2084	2086	2089	rVB	184157	158549	4.18%	0.342%
60	15.015	2194	2198	2201	rBV	620469	880606	23.21%	1.898%
61	15.315	2245	2249	2253	rVB	322251	363792	9.59%	0.784%
62	15.380	2256	2260	2266	rVB	617604	742251	19.56%	1.600%
63	15.439	2266	2270	2274	rBV	533479	679084	17.90%	1.464%
64	16.921	2519	2522	2528	rVB2	164101	288654	7.61%	0.622%
65	17.374	2596	2599	2610	rVB	159953	344469	9.08%	0.743%

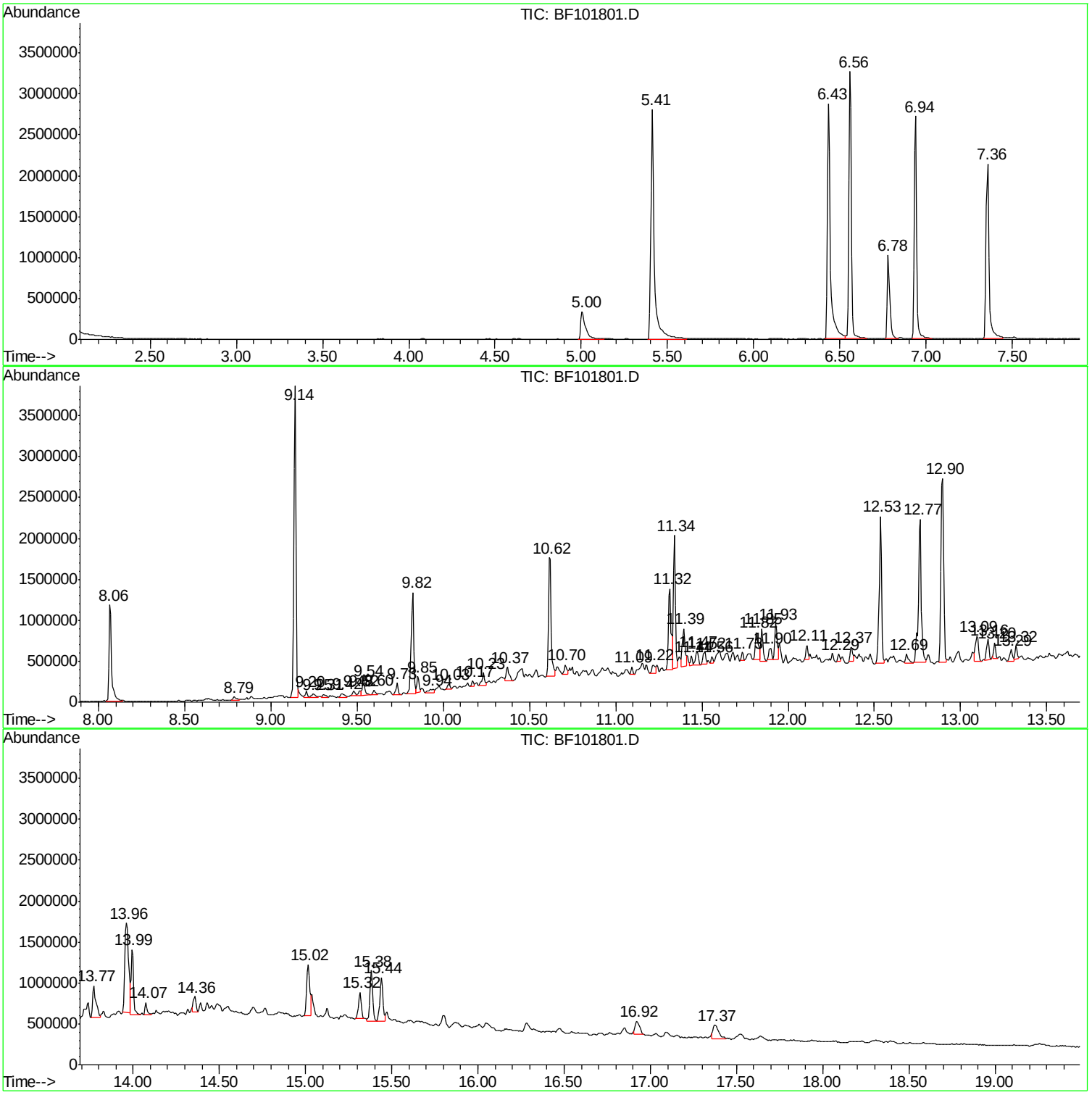
Sum of corrected areas: 46390487

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101801.D
Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF122817\
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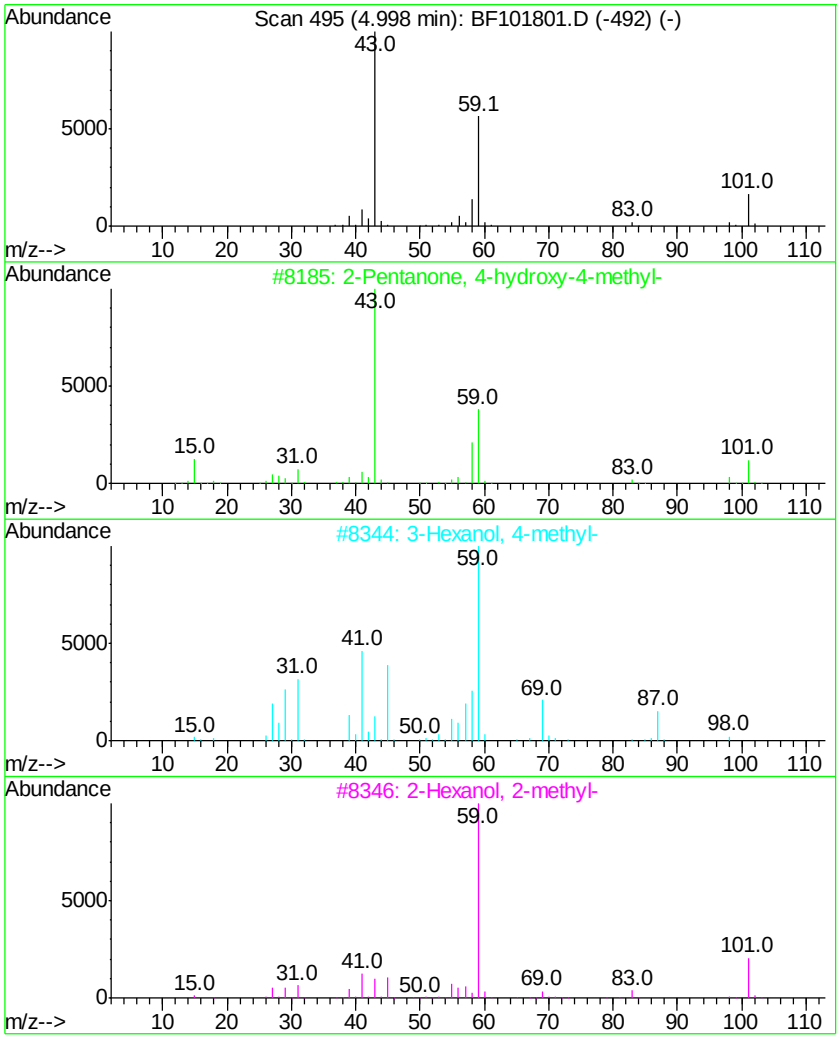
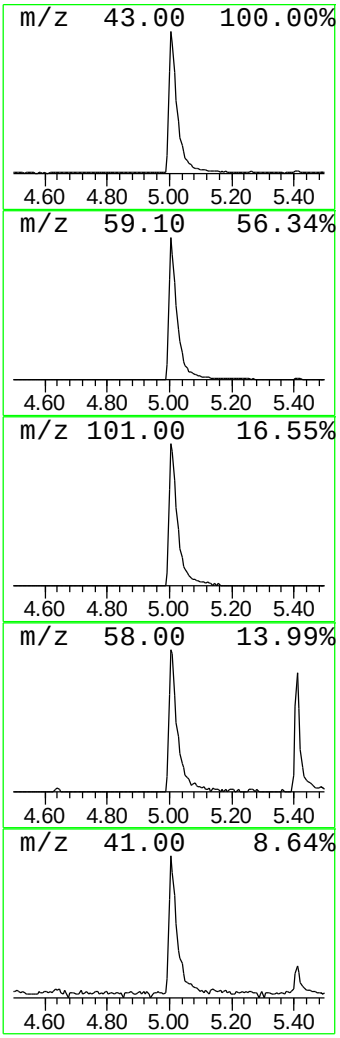
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	13.61 ng	664243	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101801.D
Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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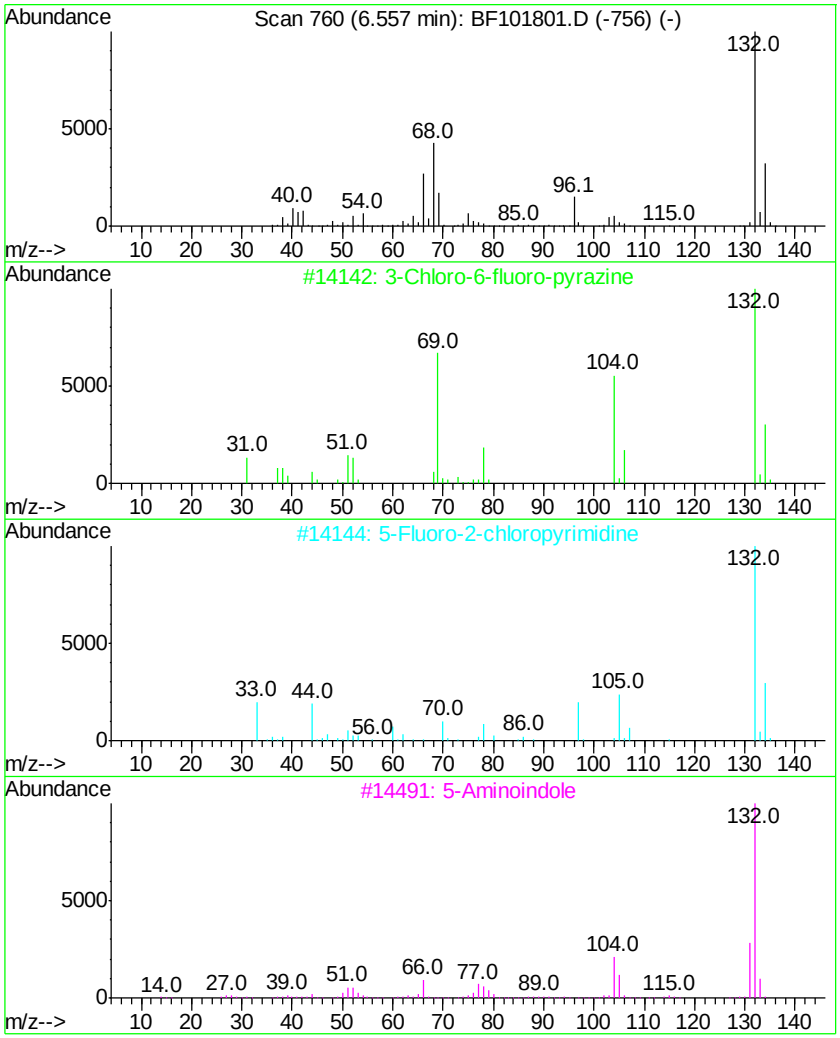
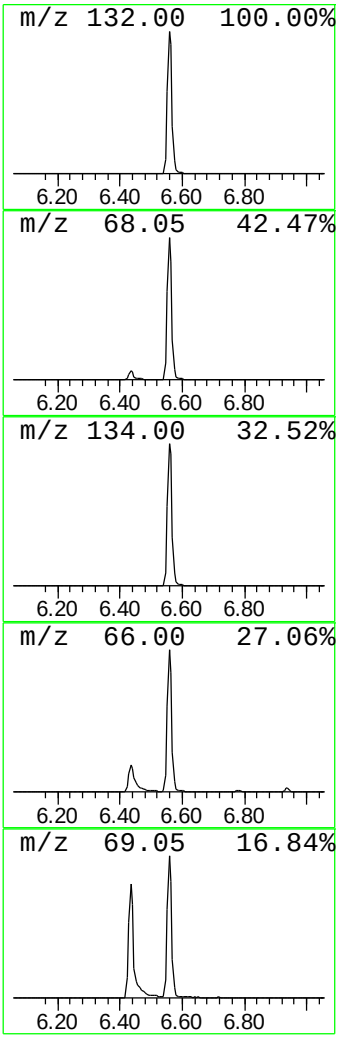
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	72.37 ng	3533210	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101801.D
Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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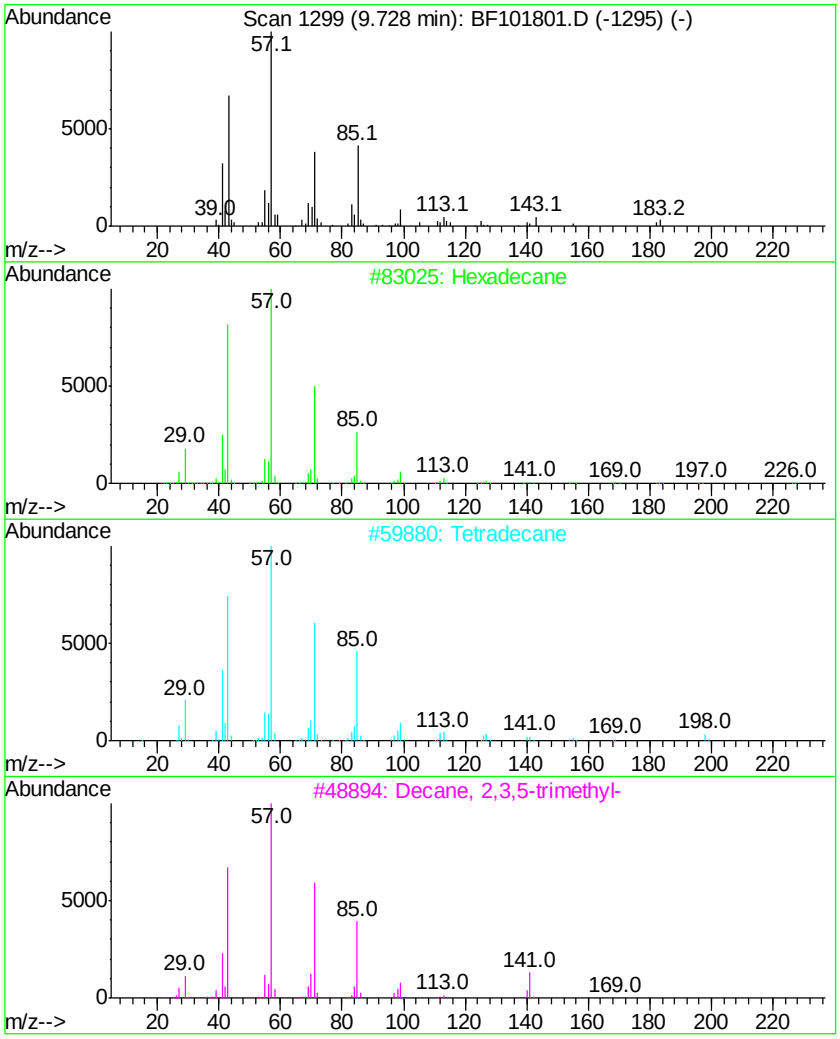
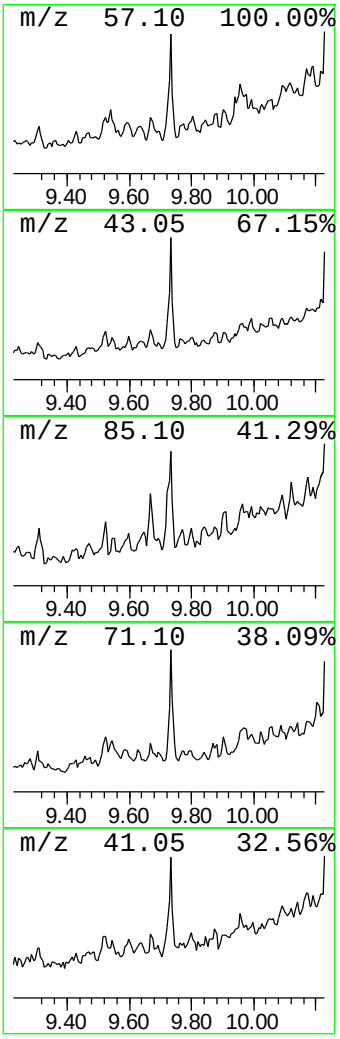
Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	2.34 ng	137256	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Undecane	156	C11H24	001120-21-4	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101801.D
Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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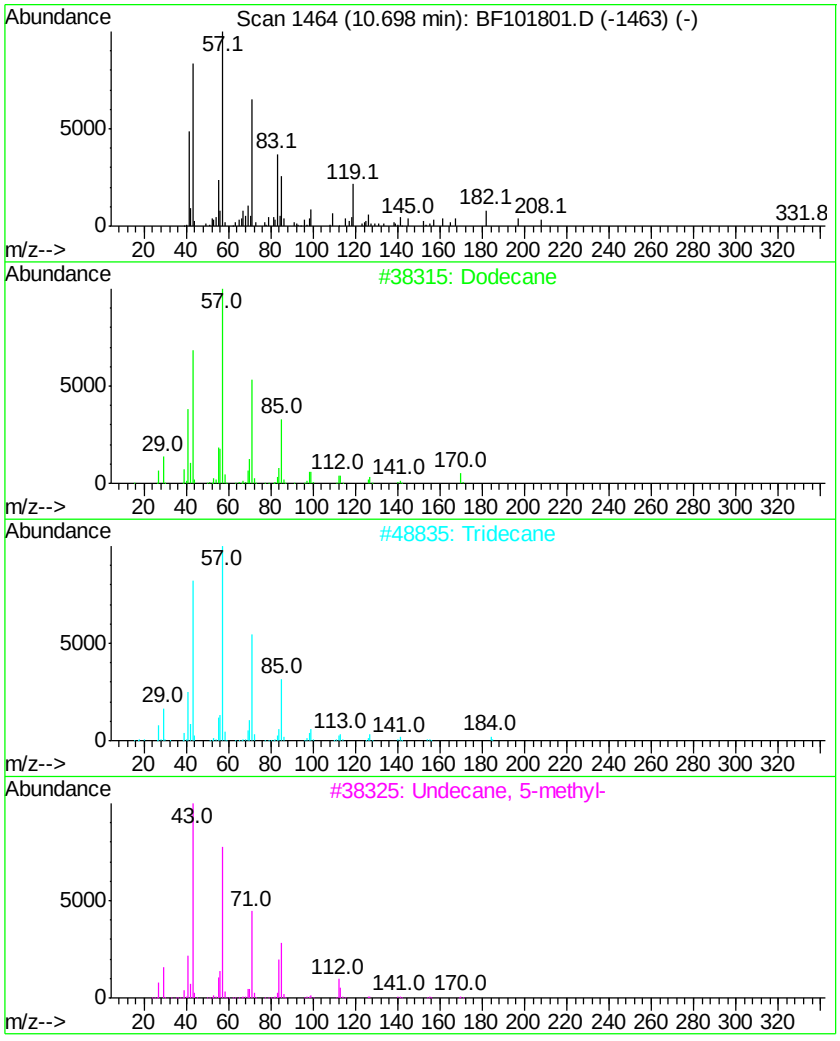
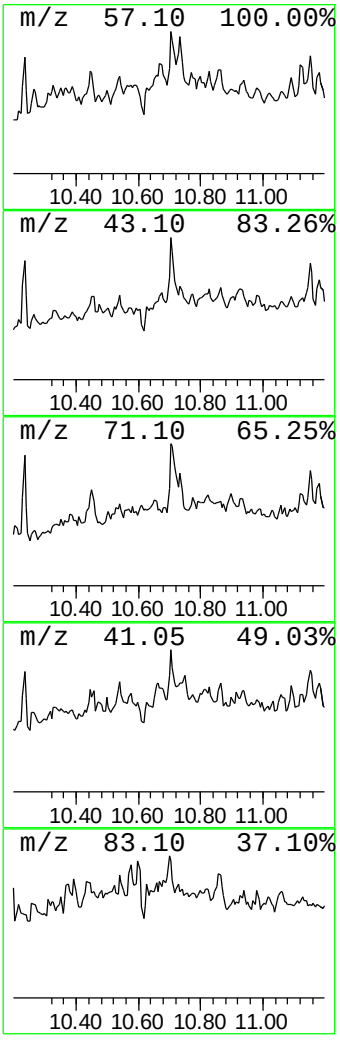
Peak Number 6 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.16 ng	118768	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	83
4	Hexadecane	226	C16H34	000544-76-3	78
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101801.D
Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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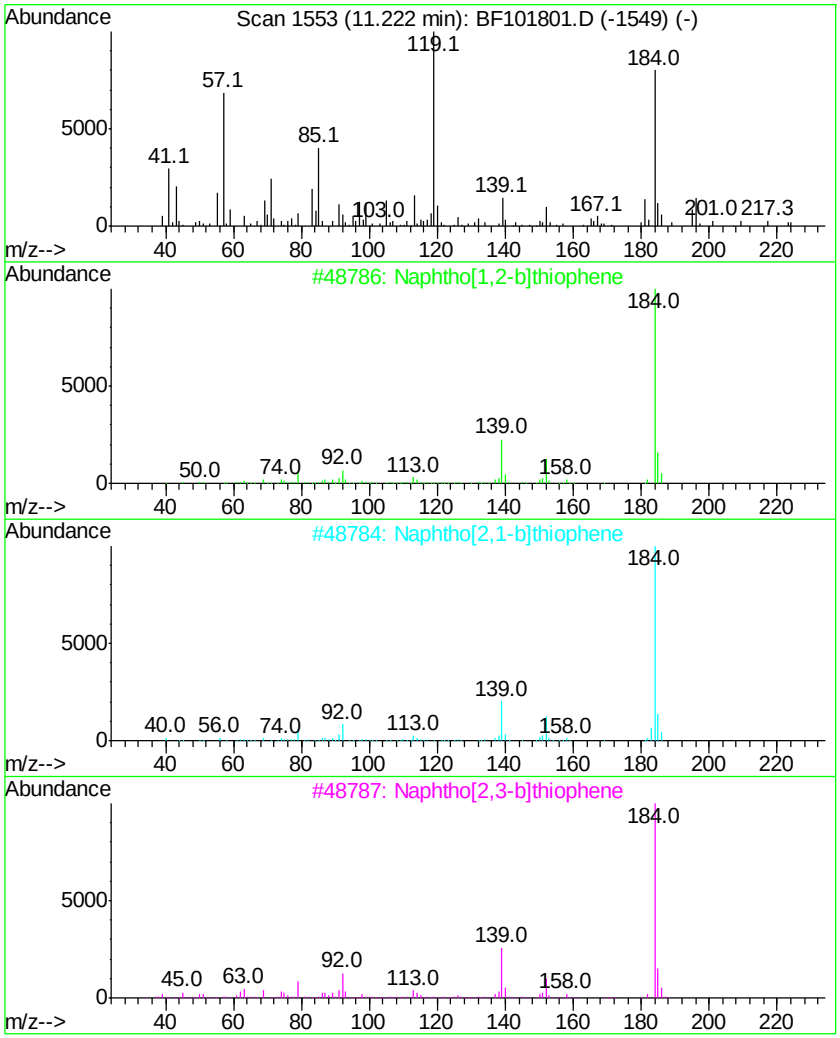
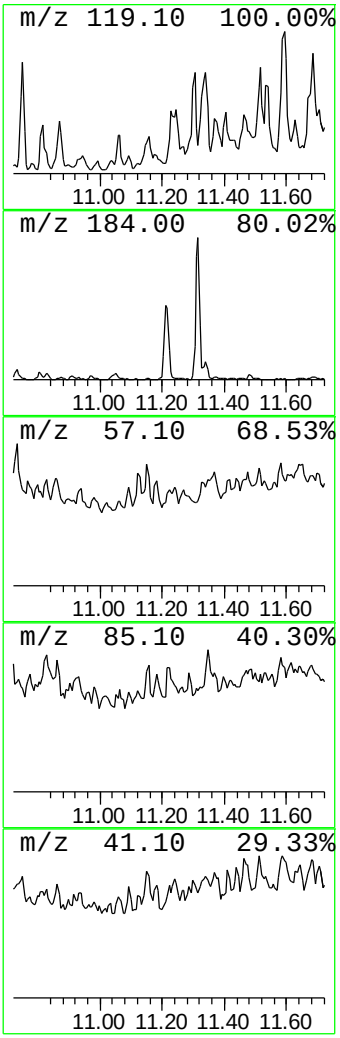
Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	3.02 ng	165727	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	86
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	86
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70
4	Dibenzothiophene	184	C12H8S	000132-65-0	70
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	62





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Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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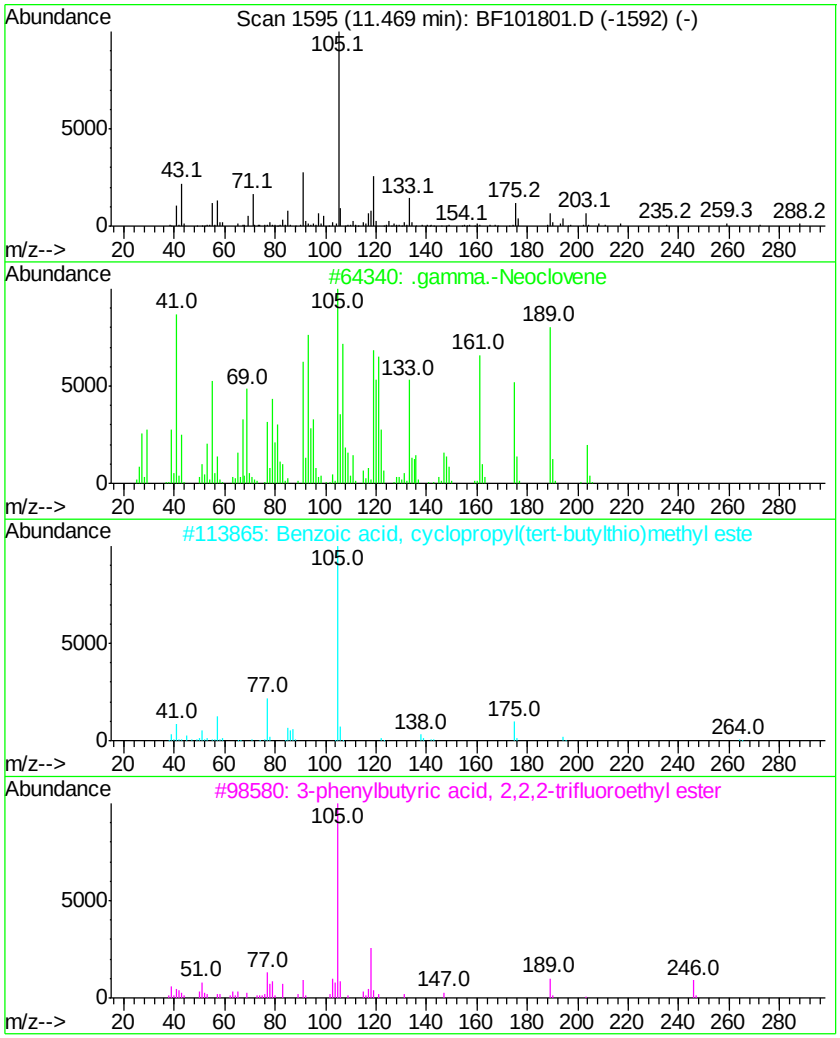
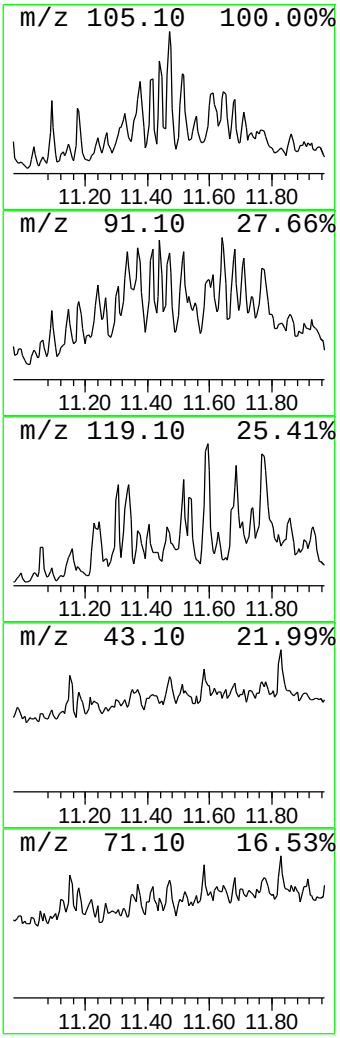
Peak Number 8 .gamma.-Neoclovene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.85 ng	210983	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Neoclovene	204	C15H24	1000156-11-7	58
2	Benzoic acid, cyclopropyl(tert-b...	264	C15H20O2S	131758-66-2	38
3	3-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-4	25
4	Valerophenone, 4-methyl-2-phenyl-	252	C18H20O	020736-42-9	14
5	Malonic acid, di(10-chlorodecyl)...	452	C23H42Cl2O4	1000349-04-3	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101801.D
Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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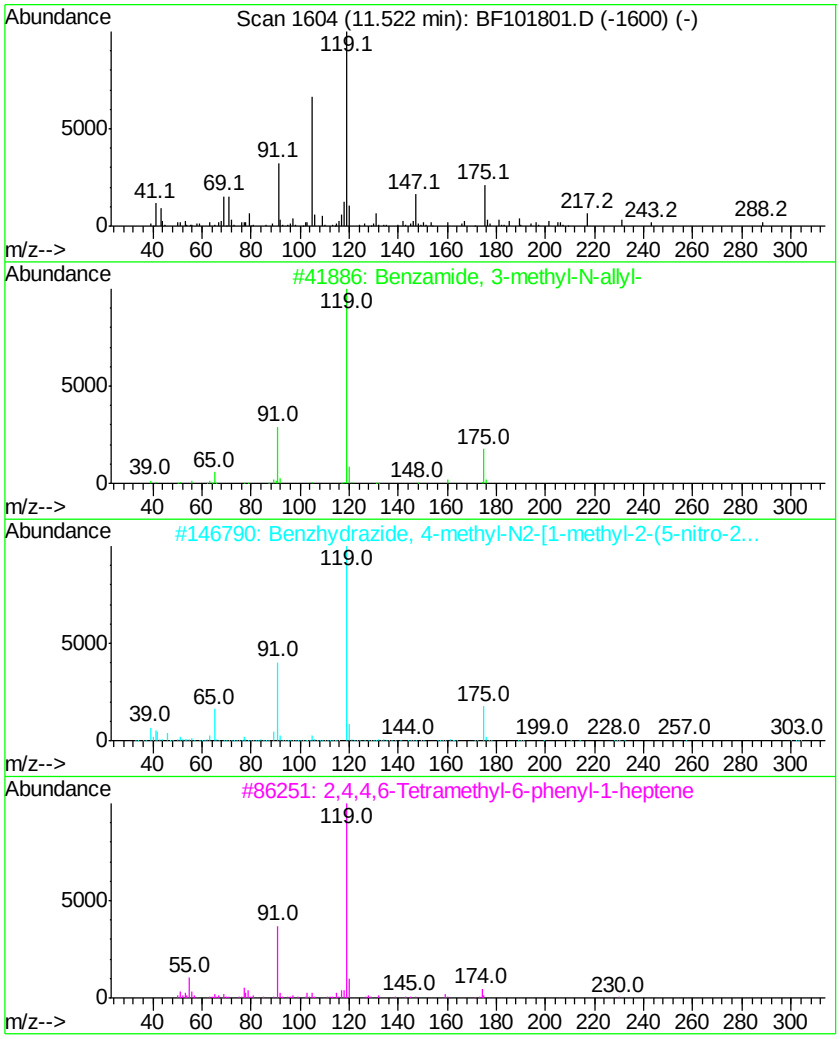
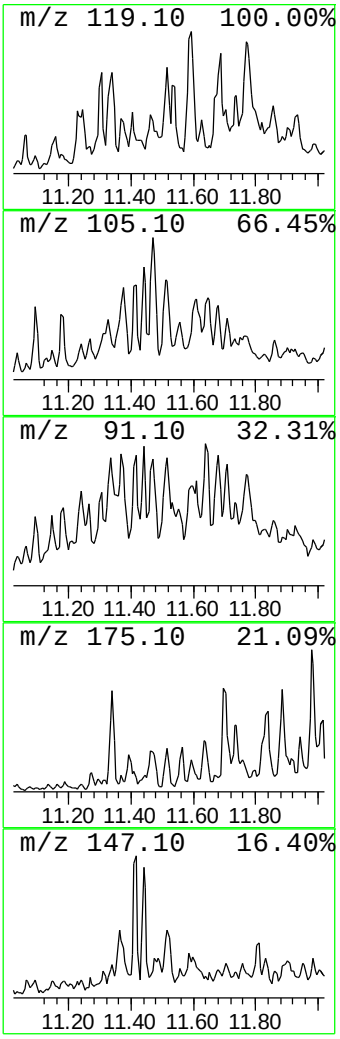
Peak Number 9 Benzamide, 3-methyl-N-allyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	2.69 ng	147849	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	59
2	Benzhydrazide, 4-methyl-N2-[1-me...	303	C12H13N7O3	324021-25-2	59
3	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	50
4	1,2-Benzenediol, o-(3-methylbenz...	228	C14H12O3	1000325-96-4	47
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	47





Library Search Compound Report

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Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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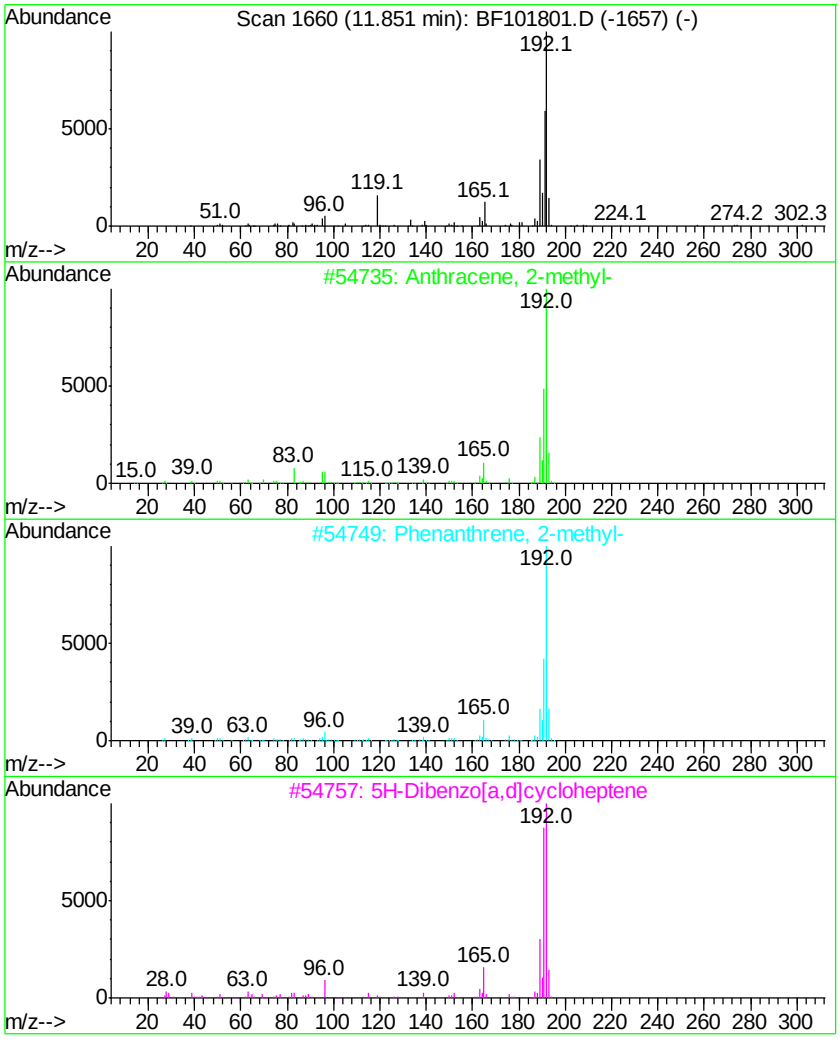
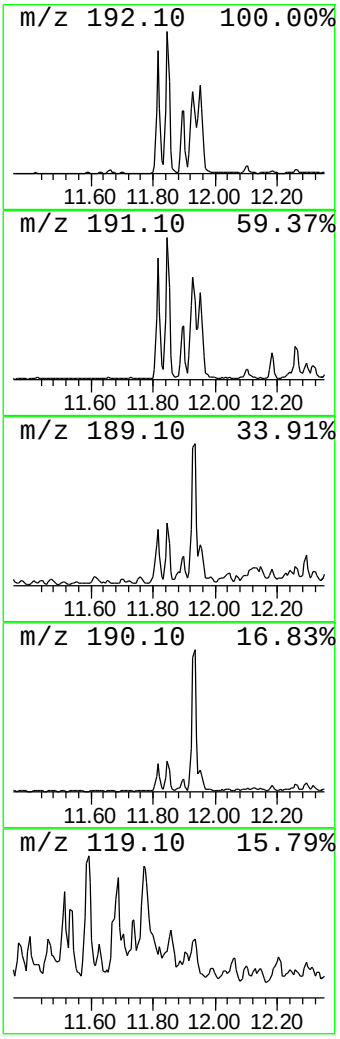
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	6.62 ng	363096	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
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Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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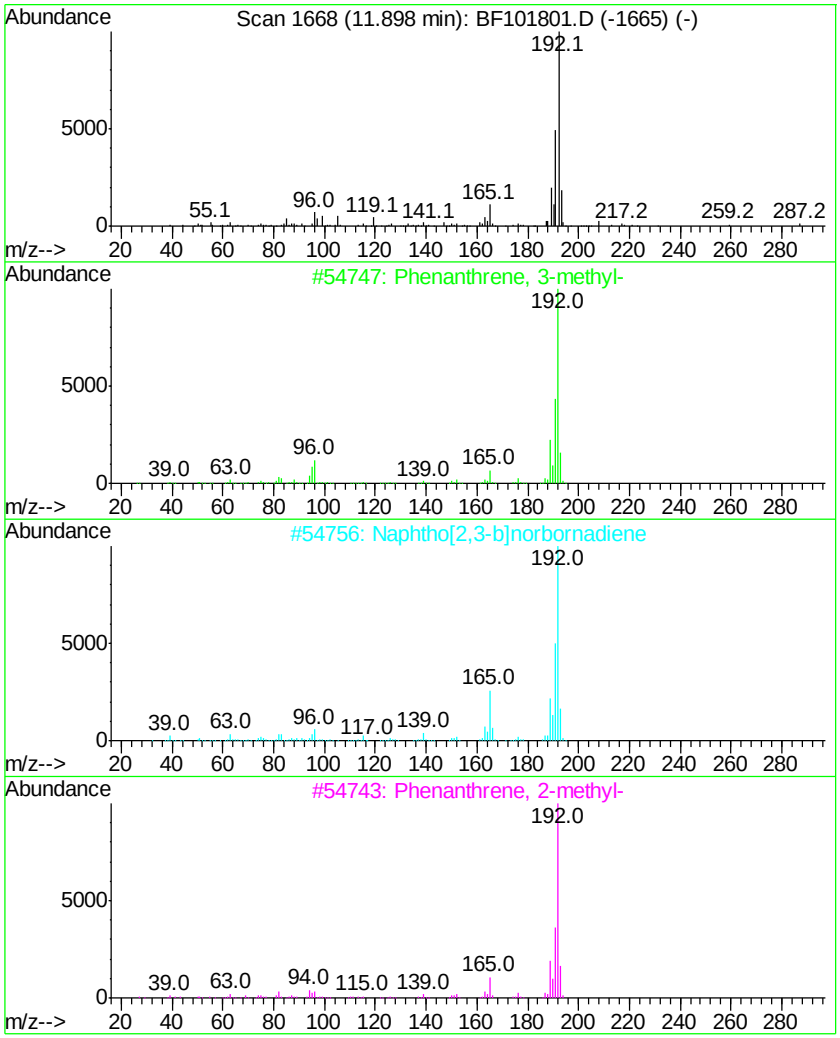
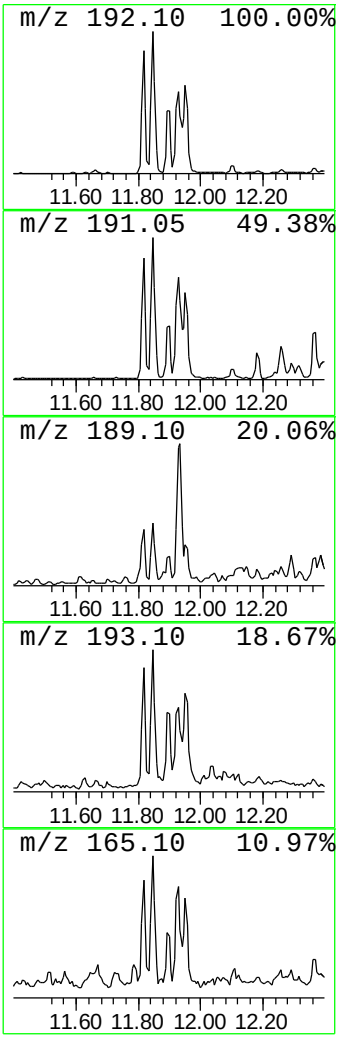
Peak Number 12 Phenanthrene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.32 ng	127256	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87





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Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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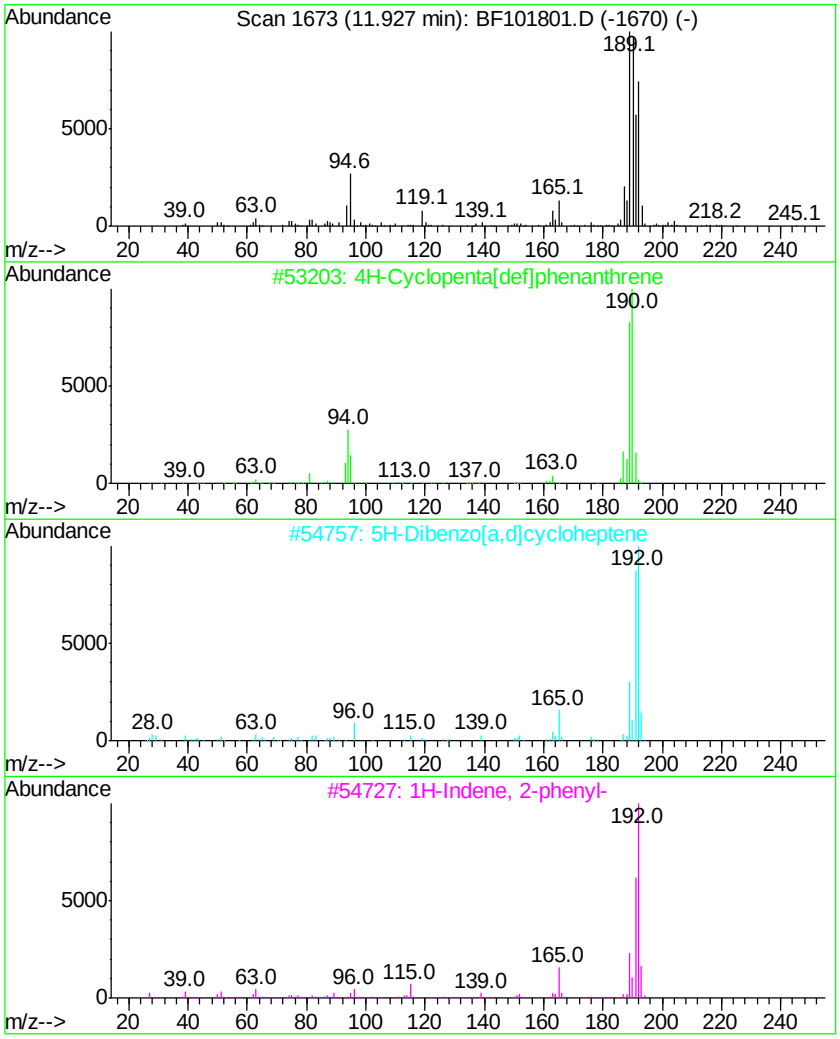
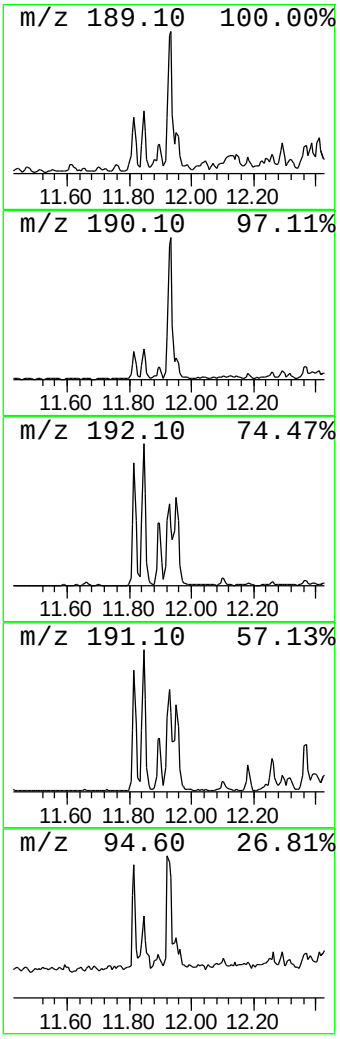
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	9.03 ng	495492	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	78
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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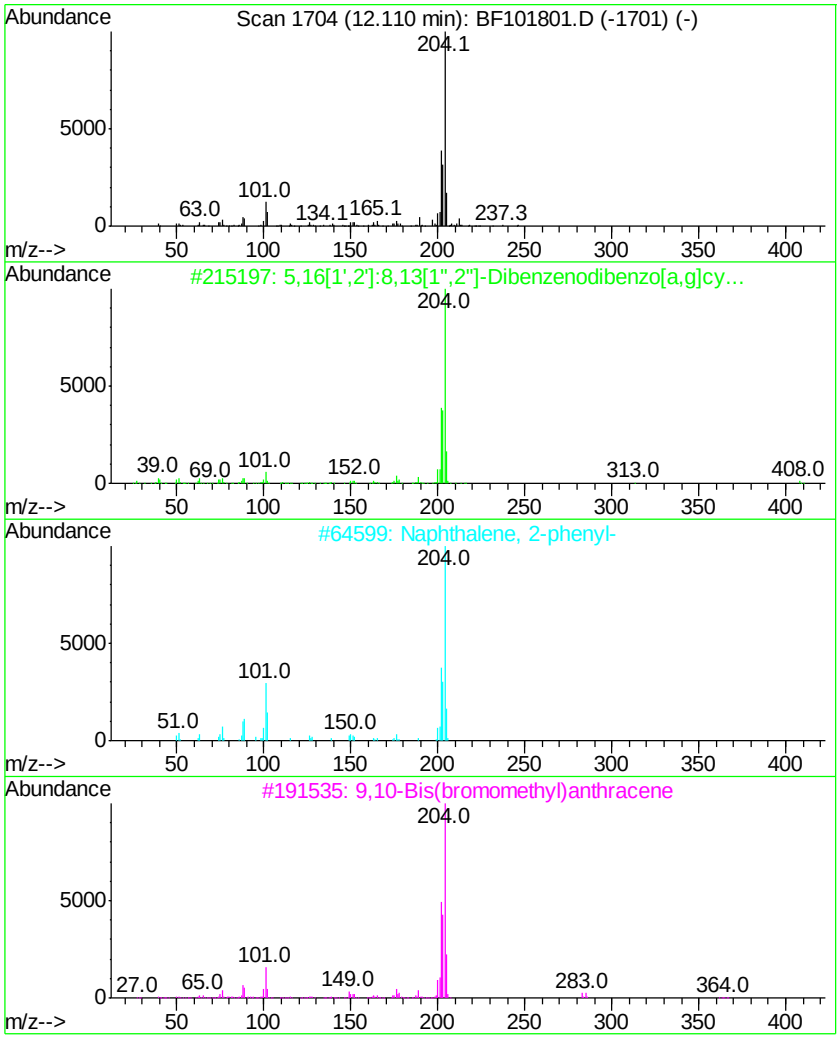
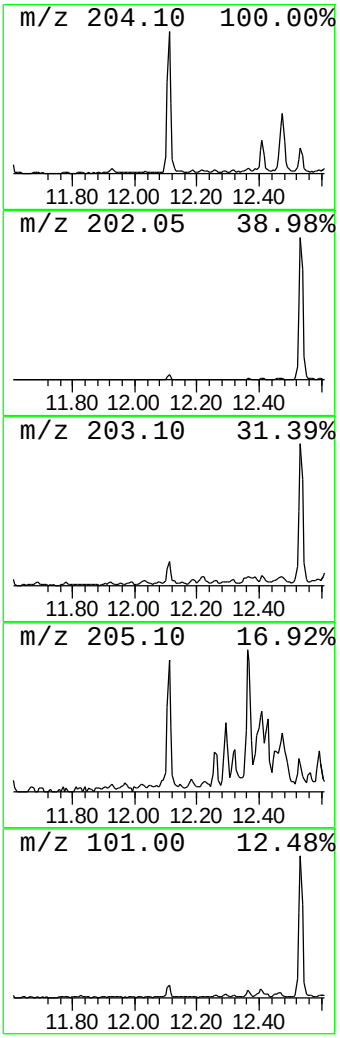
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.01 ng	165095	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





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Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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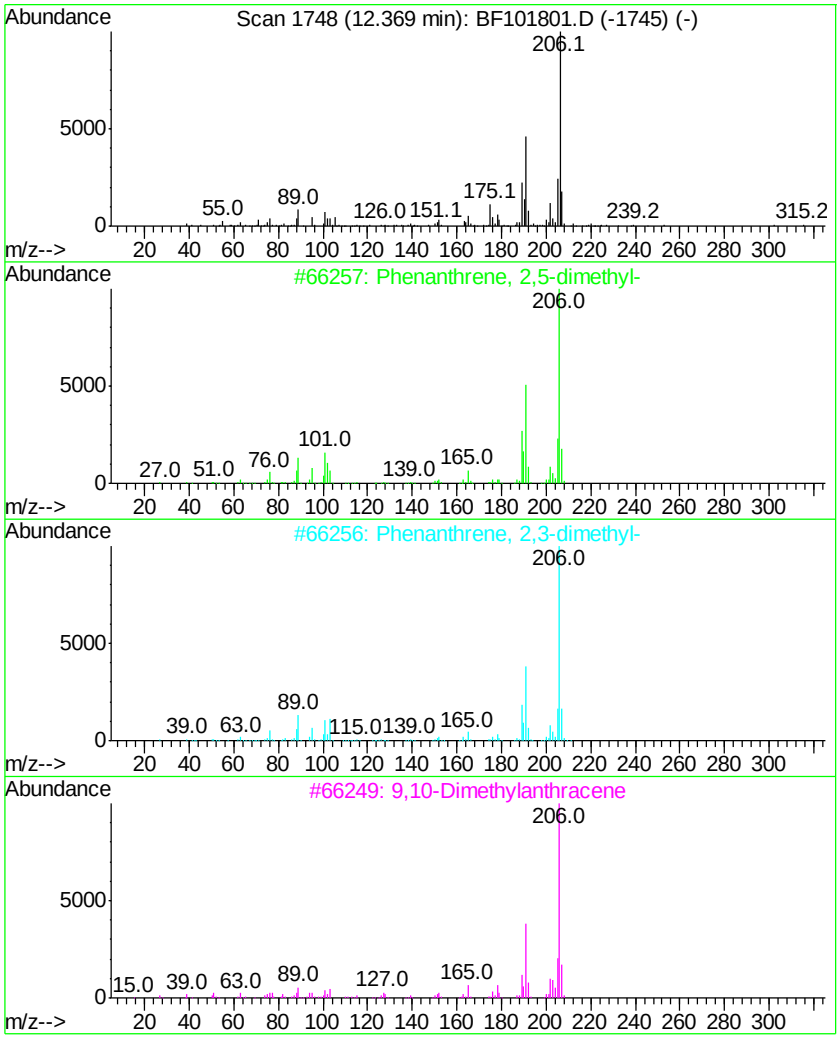
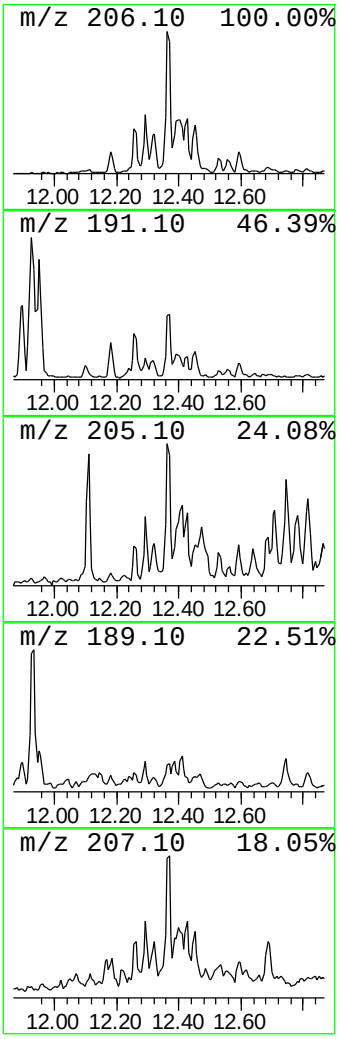
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.68 ng	201783	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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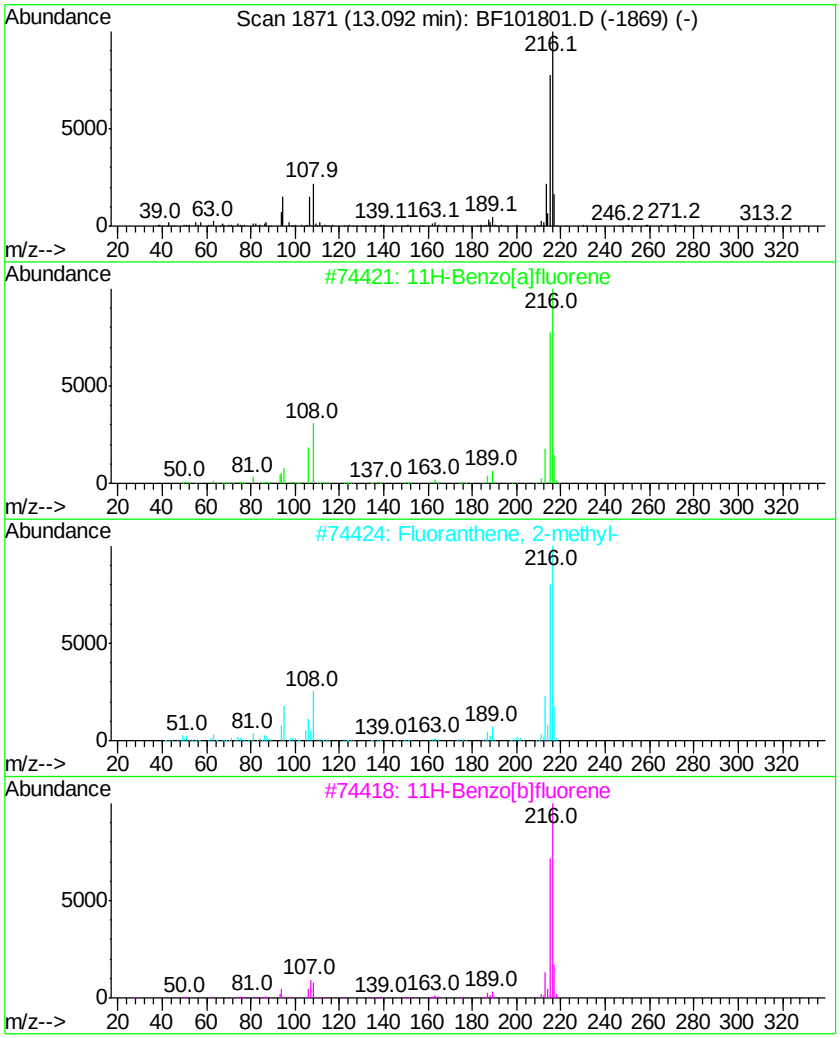
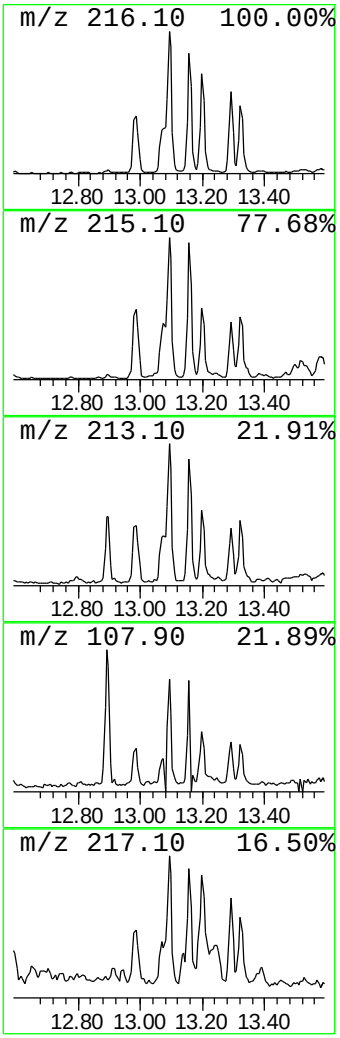
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.95 ng	332041	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





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Data File : BF101801.D
Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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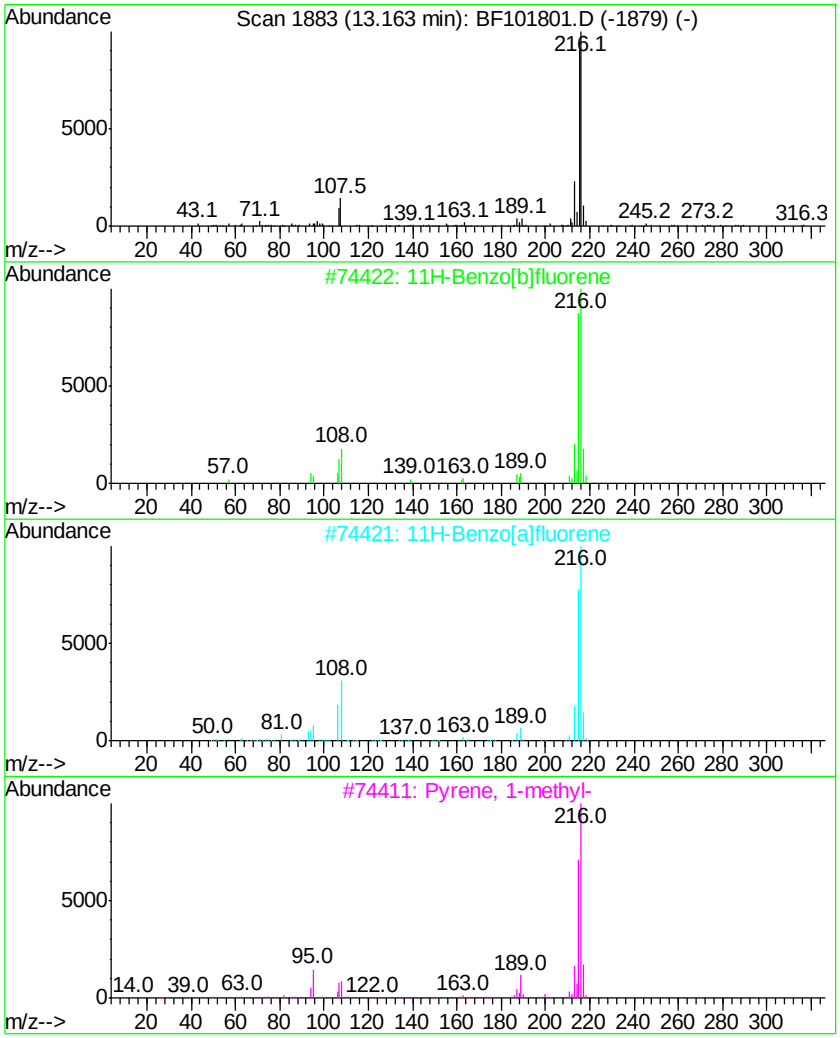
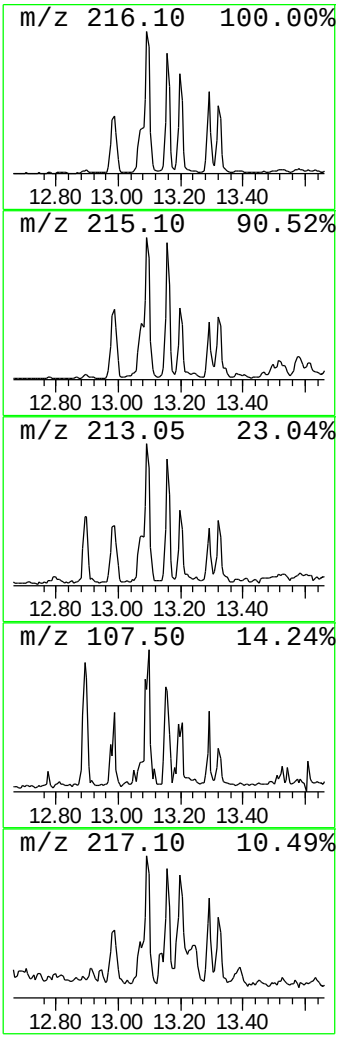
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.43 ng	204444	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





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Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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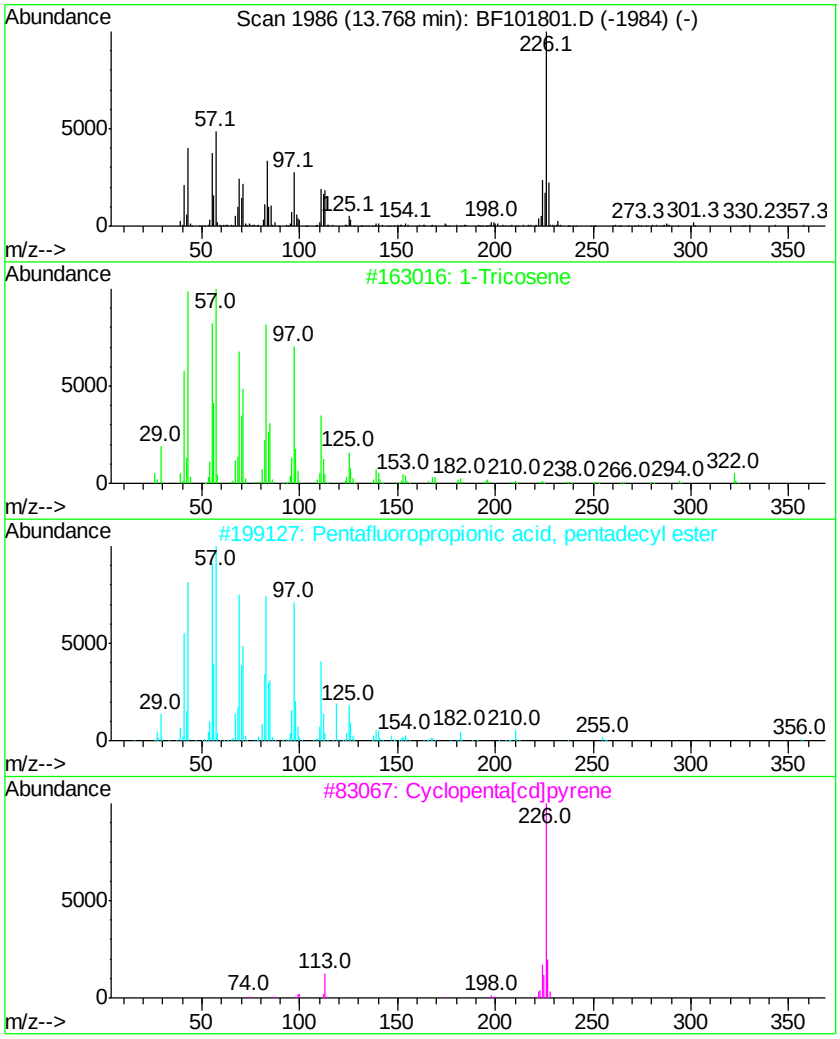
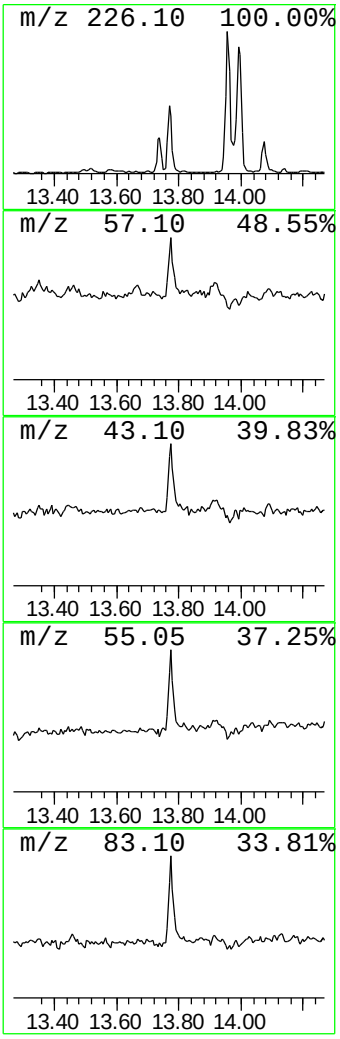
Peak Number 18 unknown13.77 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	5.97 ng	501016	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	46
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	46
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
4	Cetene	224	C16H32	000629-73-2	43
5	17-Pentatriacontene	491	C35H70	006971-40-0	42





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Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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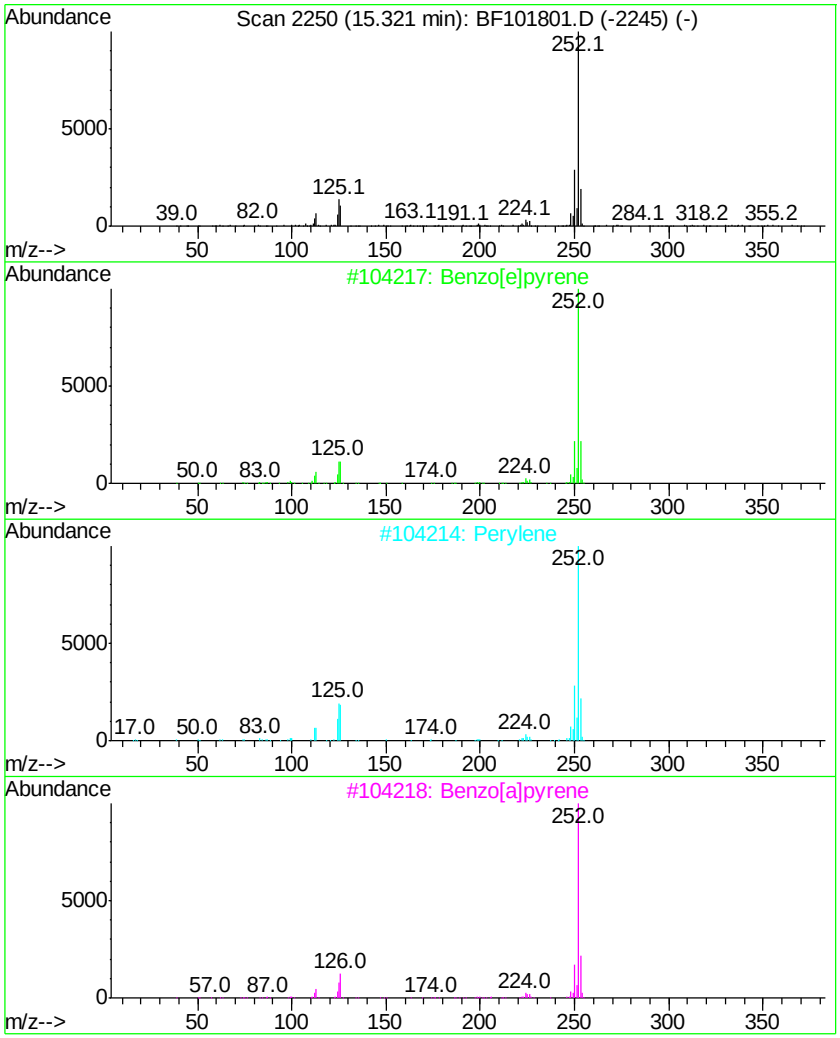
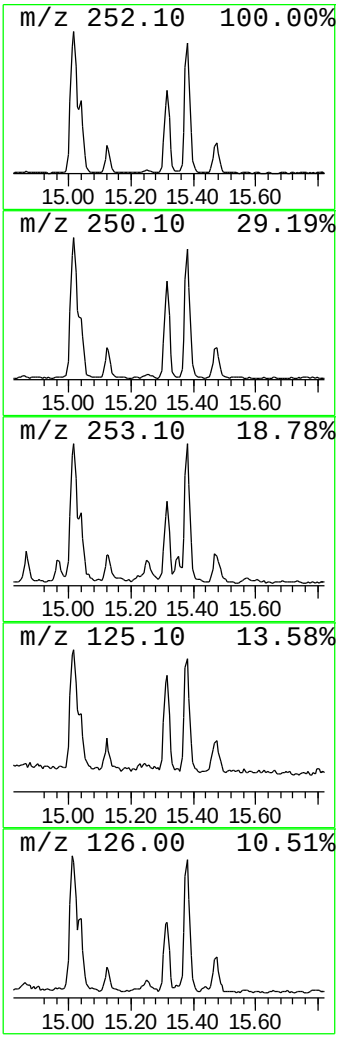
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	10.71 ng	363792	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101801.D
Acq On : 28 Dec 2017 14:43
Operator : SJ/JU
Sample : I6970-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
2-Pentanone, 4-hy...	5.00	13.6	ng	664243	1	6.78	976471	20.0
unknown6.56	6.56	72.4	ng	3533210	1	6.78	976471	20.0
Hexadecane	9.73	2.3	ng	137256	3	9.82	1173500	20.0
Dodecane	10.70	2.2	ng	118768	4	11.32	1097240	20.0
Naphtho[1,2-b]thi...	11.22	3.0	ng	165727	4	11.32	1097240	20.0
.gamma.-Neoclovene	11.47	3.9	ng	210983	4	11.32	1097240	20.0
Benzamide, 3-meth...	11.52	2.7	ng	147849	4	11.32	1097240	20.0
Anthracene, 2-met...	11.85	6.6	ng	363096	4	11.32	1097240	20.0
Phenanthrene, 3-m...	11.90	2.3	ng	127256	4	11.32	1097240	20.0
4H-Cyclopenta[def...	11.93	9.0	ng	495492	4	11.32	1097240	20.0
5,16[1',2']:8,13[...	12.11	3.0	ng	165095	4	11.32	1097240	20.0
Phenanthrene, 2,5...	12.37	3.7	ng	201783	4	11.32	1097240	20.0
11H-Benzo[a]fluorene	13.09	4.0	ng	332041	5	13.97	1679230	20.0
11H-Benzo[b]fluorene	13.16	2.4	ng	204444	5	13.97	1679230	20.0
unknown13.77	13.77	6.0	ng	501016	5	13.97	1679230	20.0
Benzo[e]pyrene	15.32	10.7	ng	363792	6	15.44	679084	20.0