LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098568.D
Acq On : 15 Sep 2017 14:38
Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

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-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.534	240	246	255	rBV	306388	514680	14.45%	0.923%
2	4.822	462	465	481	rBV	303470	448341	12.59%	0.804%
3	5.263	536	540	567	rBV	2858808	3482070	97.76%	6.247%
4	6.310	714	718	733	rBV	3120770	3561828	100.00%	6.390%
5	6.422	733	737	742	rVV	3800245	3517796	98.76%	6.311%
6	6.481	742	747	752	rVB2	65252	84299	2.37%	0.151%
7	6.645	771	775	782	rVB	956575	867769	24.36%	1.557%
8	6.798	797	801	811	rBV	2953183	2727797	76.58%	4.894%
9	7.216	867	872	875	rBV	2328686	2153341	60.46%	3.863%
10	7.245	875	877	884	rVB2	86602	81179	2.28%	0.146%
11	7.928	988	993	995	rBV	1343803	1132038	31.78%	2.031%
12	7.951	995	997	1002	rVB	208037	192764	5.41%	0.346%
13	8.522	1091	1094	1099	rBV	66969	61115	1.72%	0.110%
14	8.639	1111	1114	1122	rVB	122762	102034	2.86%	0.183%
15	8.739	1127	1131	1135	rVB	80625	69036	1.94%	0.124%
16	9.004	1171	1176	1179	rBV	3735880	3528687	99.07%	6.330%
17	9.086	1185	1190	1192	rBV	66560	67870	1.91%	0.122%
18	9.280	1216	1223	1226	rBV2	65996	99731	2.80%	0.179%
19	9.339	1228	1233	1236	rBV	69533	75126	2.11%	0.135%
20	9.404	1241	1244	1247	rVB	459481	355877	9.99%	0.638%
21	9.616	1277	1280	1283	rBV	89060	67524	1.90%	0.121%
22	9.680	1284	1291	1294	rBV	1217672	1085553	30.48%	1.947%
23	9.710	1294	1296	1300	rVB	262244	214324	6.02%	0.384%
24	9.886	1322	1326	1328	rVV	111856	123986	3.48%	0.222%
25	10.116	1362	1365	1368	rVB2	86792	71499	2.01%	0.128%
26	10.227	1380	1384	1390	rVB	236687	226939	6.37%	0.407%
27	10.380	1408	1410	1414	rVB	71658	71378	2.00%	0.128%
28	10.469	1419	1425	1429	rBV	1674834	1518702	42.64%	2.724%
29	10.539	1434	1437	1442	rVV	63465	79771	2.24%	0.143%
30	10.586	1442	1445	1453	rVB2	152571	190612	5.35%	0.342%
31	10.774	1470	1477	1479	rBV3	78588	107937	3.03%	0.194%
32	10.974	1508	1511	1514	rVB	63226	63552	1.78%	0.114%
33	11.033	1519	1521	1523	rVV	92229	84431	2.37%	0.151%
34	11.057	1523	1525	1530	rVB2	127189	127065	3.57%	0.228%

LSC Area Percent Report

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Data File : BF098568.D
Acq On : 15 Sep 2017 14:38
Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

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-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.163	1539	1543	1545	rBV	978033	927949	26.05%	1.665%
36	11.186	1545	1547	1551	rVV	1899769	1535452	43.11%	2.755%
37	11.239	1551	1556	1559	rVB	565541	517177	14.52%	0.928%
38	11.398	1577	1583	1591	rBV2	113895	181961	5.11%	0.326%
39	11.457	1591	1593	1597	rVV	90198	83772	2.35%	0.150%
40	11.663	1625	1628	1631	rBV	231433	200478	5.63%	0.360%
41	11.692	1631	1633	1637	rVV	293468	242386	6.81%	0.435%
42	11.739	1638	1641	1644	rVV	134941	120786	3.39%	0.217%
43	11.774	1644	1647	1649	rVV	449632	434395	12.20%	0.779%
44	11.798	1649	1651	1654	rVB	143407	117292	3.29%	0.210%
45	11.957	1675	1678	1681	rBV	176336	142724	4.01%	0.256%
46	11.992	1681	1684	1687	rVB	103190	83641	2.35%	0.150%
47	12.139	1706	1709	1711	rBV	71822	61803	1.74%	0.111%
48	12.210	1718	1721	1724	rBV	135715	142324	4.00%	0.255%
49	12.251	1725	1728	1733	rVB4	119813	138196	3.88%	0.248%
50	12.304	1733	1737	1741	rBV4	111318	126496	3.55%	0.227%
51	12.374	1745	1749	1753	rBV	2491347	2407200	67.58%	4.318%
52	12.521	1771	1774	1778	rBV	85196	79138	2.22%	0.142%
53	12.604	1782	1788	1791	rVV2	2136986	2433993	68.34%	4.366%
54	12.633	1791	1793	1802	rVB2	201415	379993	10.67%	0.682%
55	12.721	1805	1808	1809	rBV	127752	113100	3.18%	0.203%
56	12.745	1809	1812	1820	rVB	2159593	2299886	64.57%	4.126%
57	12.821	1820	1825	1829	rBV3	146389	255624	7.18%	0.459%
58	12.933	1841	1844	1847	rVB	502597	441495	12.40%	0.792%
59	12.998	1847	1855	1857	rBV	467808	493545	13.86%	0.885%
60	13.033	1857	1861	1863	rBV2	223395	234518	6.58%	0.421%
61	13.127	1874	1877	1879	rBV	95944	82546	2.32%	0.148%
62	13.157	1879	1882	1885	rBV	113819	109596	3.08%	0.197%
63	13.327	1906	1911	1914	rBV6	85194	140563	3.95%	0.252%
64	13.357	1914	1916	1918	rVB2	70522	60293	1.69%	0.108%
65	13.415	1923	1926	1928	rBV	68457	86099	2.42%	0.154%
66	13.445	1928	1931	1935	rVB	125498	133180	3.74%	0.239%
67	13.551	1945	1949	1951	rBV	209905	234200	6.58%	0.420%
68	13.574	1951	1953	1955	rVV	217590	173720	4.88%	0.312%
69	13.598	1955	1957	1959	rVV	158805	145598	4.09%	0.261%
70	13.651	1963	1966	1973	rVB2	321097	363307	10.20%	0.652%
71	13.792	1984	1990	1994	rBV2	1523387	2488964	69.88%	4.465%

LSC Area Percent Report

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Acq On : 15 Sep 2017 14:38
Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

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-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.827	1994	1996	1999	rVB	1205281	927313	26.03%	1.664%
73	13.904	2004	2009	2012	rBV	333488	359342	10.09%	0.645%
74	13.951	2015	2017	2018	rBV	94138	74634	2.10%	0.134%
75	13.998	2023	2025	2027	rVV	117000	120789	3.39%	0.217%
76	14.033	2029	2031	2033	rVB	117846	87466	2.46%	0.157%
77	14.151	2048	2051	2053	rBV	119270	107803	3.03%	0.193%
78	14.186	2053	2057	2060	rVV	244793	281355	7.90%	0.505%
79	14.221	2060	2063	2065	rVV2	118361	106811	3.00%	0.192%
80	14.280	2069	2073	2076	rVV3	232651	334346	9.39%	0.600%
81	14.310	2076	2078	2080	rVV2	165626	161017	4.52%	0.289%
82	14.333	2080	2082	2084	rVB	174935	139146	3.91%	0.250%
83	14.498	2108	2110	2118	rBV5	95261	170188	4.78%	0.305%
84	14.662	2136	2138	2142	rBV	111290	136492	3.83%	0.245%
85	14.698	2142	2144	2152	rVB7	110872	145303	4.08%	0.261%
86	14.815	2159	2164	2166	rBV	1094398	1526191	42.85%	2.738%
87	14.874	2172	2174	2176	rBV2	151521	122471	3.44%	0.220%
88	14.910	2177	2180	2184	rVB	280751	316679	8.89%	0.568%
89	15.092	2207	2211	2216	rVB	636266	797051	22.38%	1.430%
90	15.151	2216	2221	2225	rVV	942048	1104580	31.01%	1.982%
91	15.204	2226	2230	2233	rVV	681614	848911	23.83%	1.523%
92	15.233	2233	2235	2241	rVB	287708	324381	9.11%	0.582%
93	15.404	2260	2264	2273	rVB4	207961	332585	9.34%	0.597%
94	15.609	2295	2299	2302	rBV2	153536	196100	5.51%	0.352%
95	15.715	2314	2317	2321	rVB2	84469	101010	2.84%	0.181%
96	16.204	2396	2400	2404	rBV5	73955	120002	3.37%	0.215%
97	16.315	2417	2419	2424	rVB4	57760	81836	2.30%	0.147%
98	16.545	2452	2458	2463	rBV	361124	653046	18.33%	1.172%
99	16.951	2521	2527	2534	rBV	230500	465087	13.06%	0.834%
100	17.162	2560	2563	2576	rVB4	84119	231283	6.49%	0.415%

Sum of corrected areas: 55743259

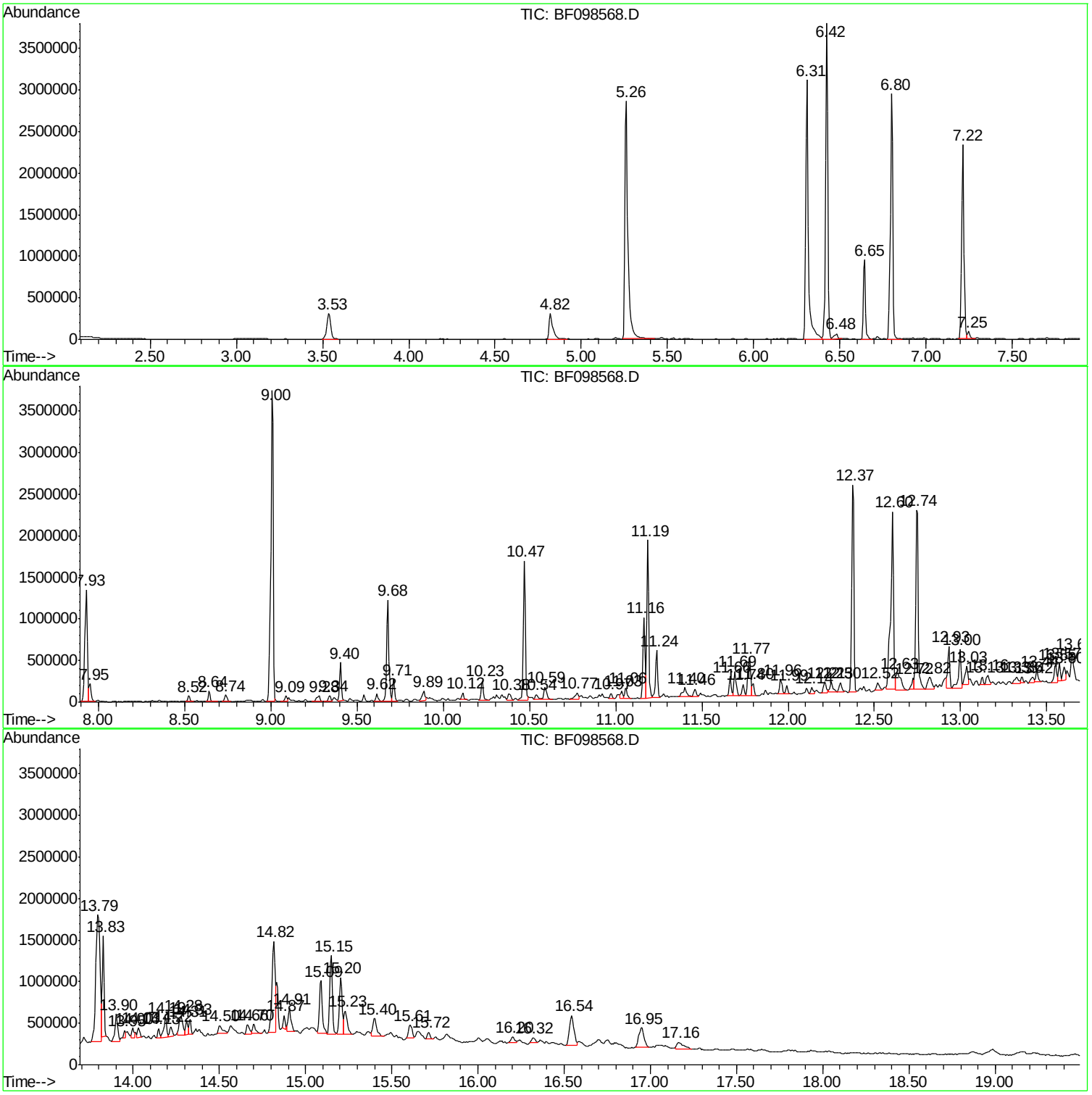
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098568.D
Acq On : 15 Sep 2017 14:38
Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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\BF091517\
Data File : BF098568.D
Acq On : 15 Sep 2017 14:38
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

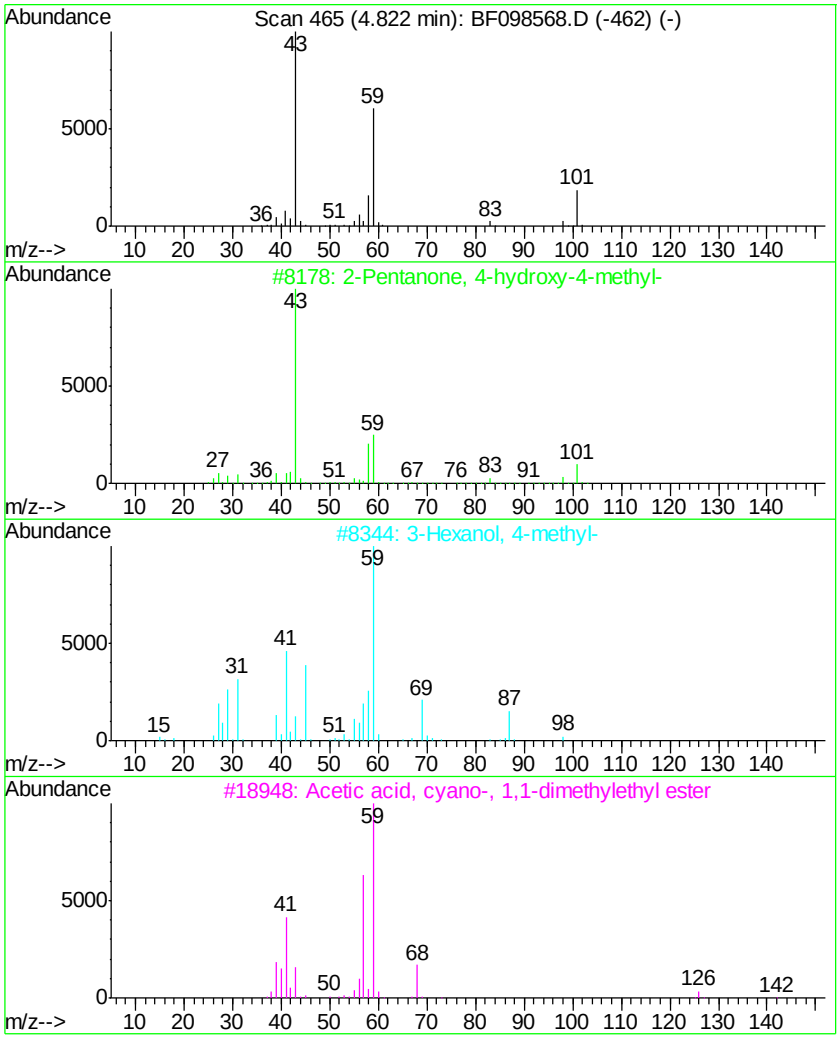
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

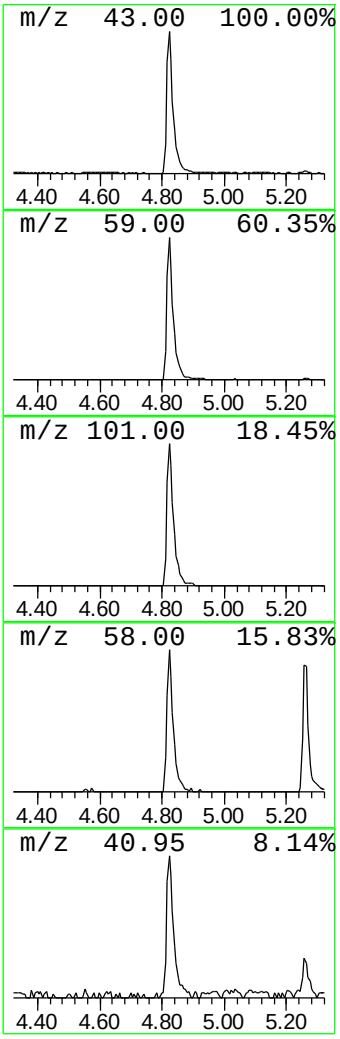
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	10.33 ng	448341	1,4-Dichlorobenzene-d4	6.65

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098568.D
Acq On : 15 Sep 2017 14:38
Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

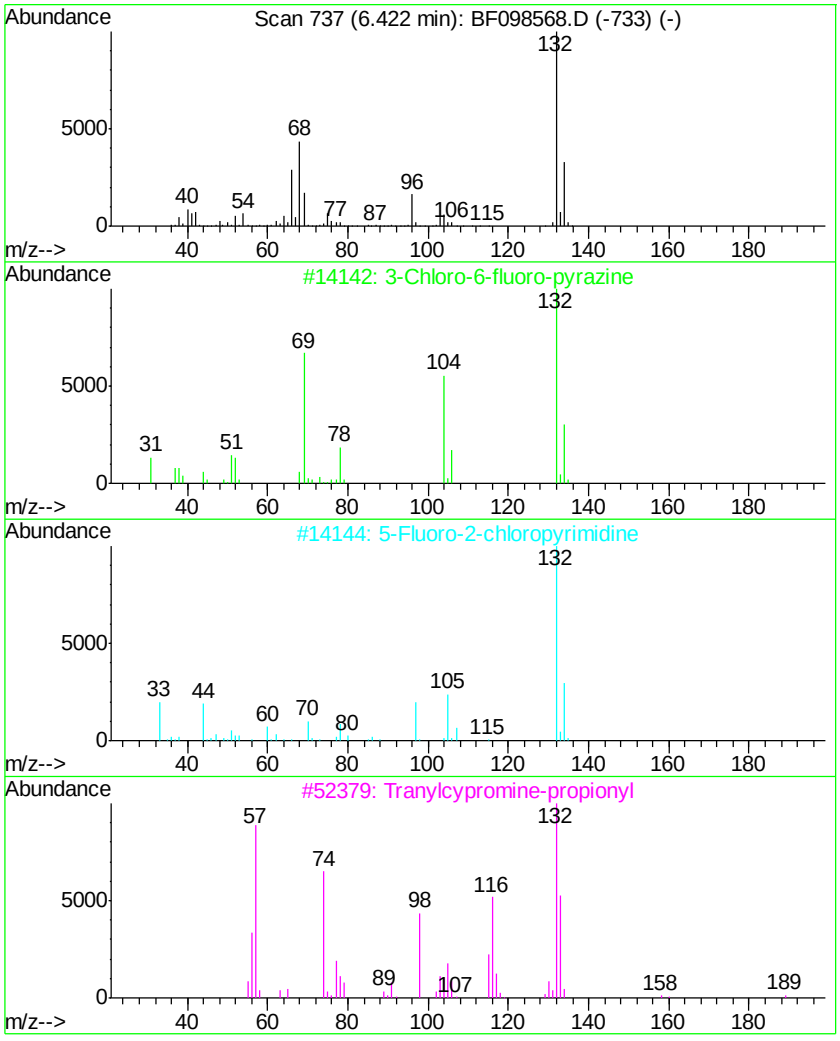
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

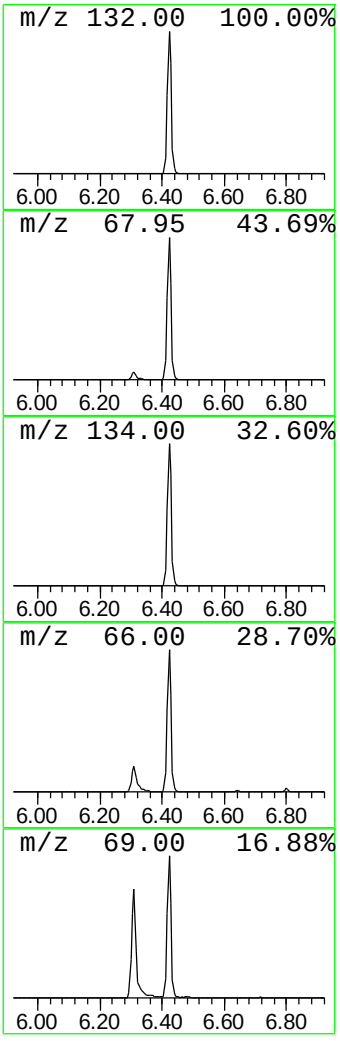
****

Peak Number 3 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	81.08 ng	3517800	1,4-Dichlorobenzene-d4	6.65

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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TIC Library : C:\DATABASE\NIST11.L
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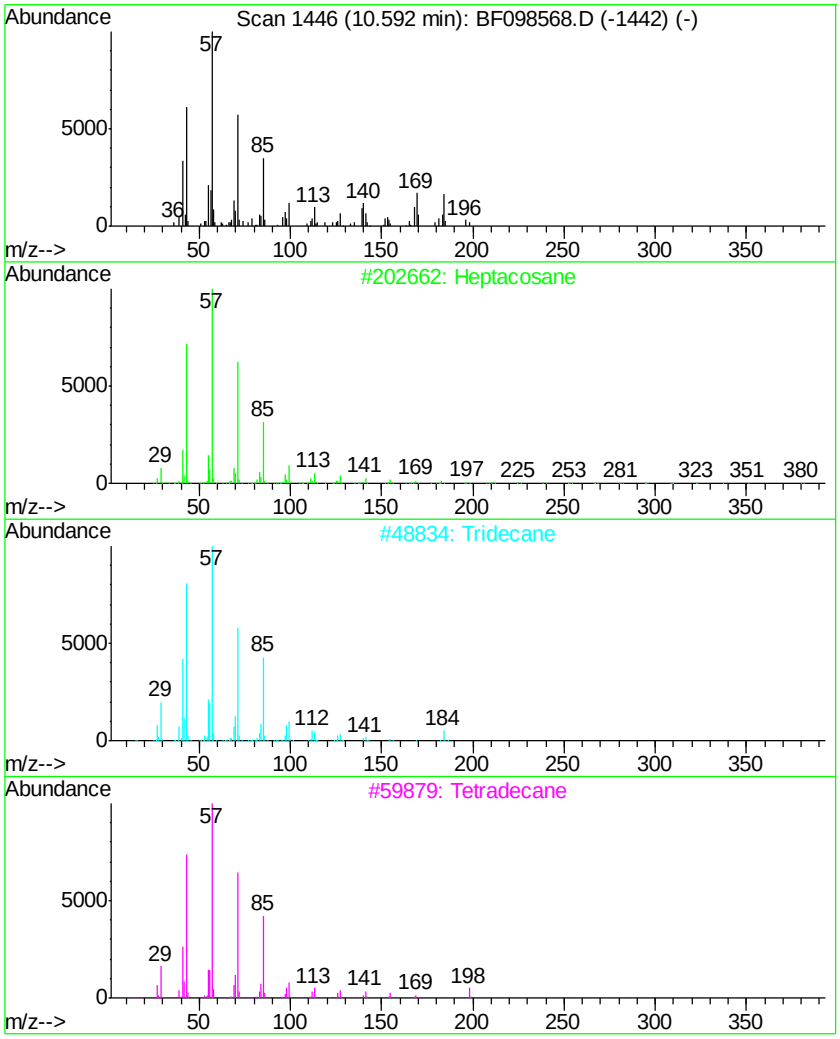
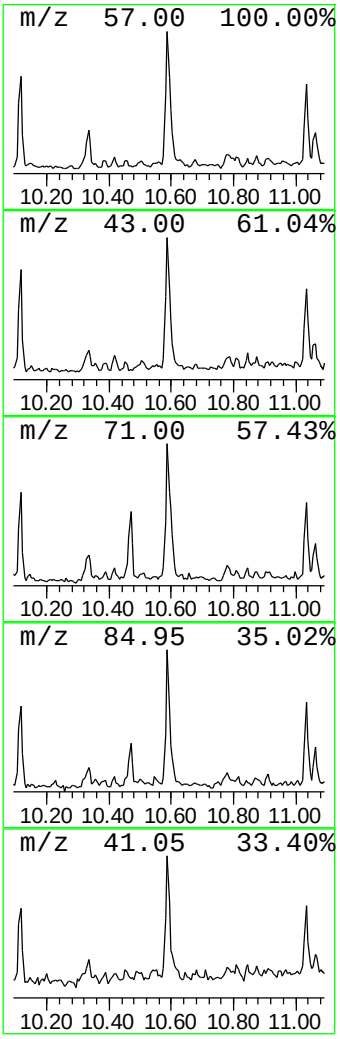
****

Peak Number 5 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	4.11 ng	190612	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Dodecane	170	C12H26	000112-40-3	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
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Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

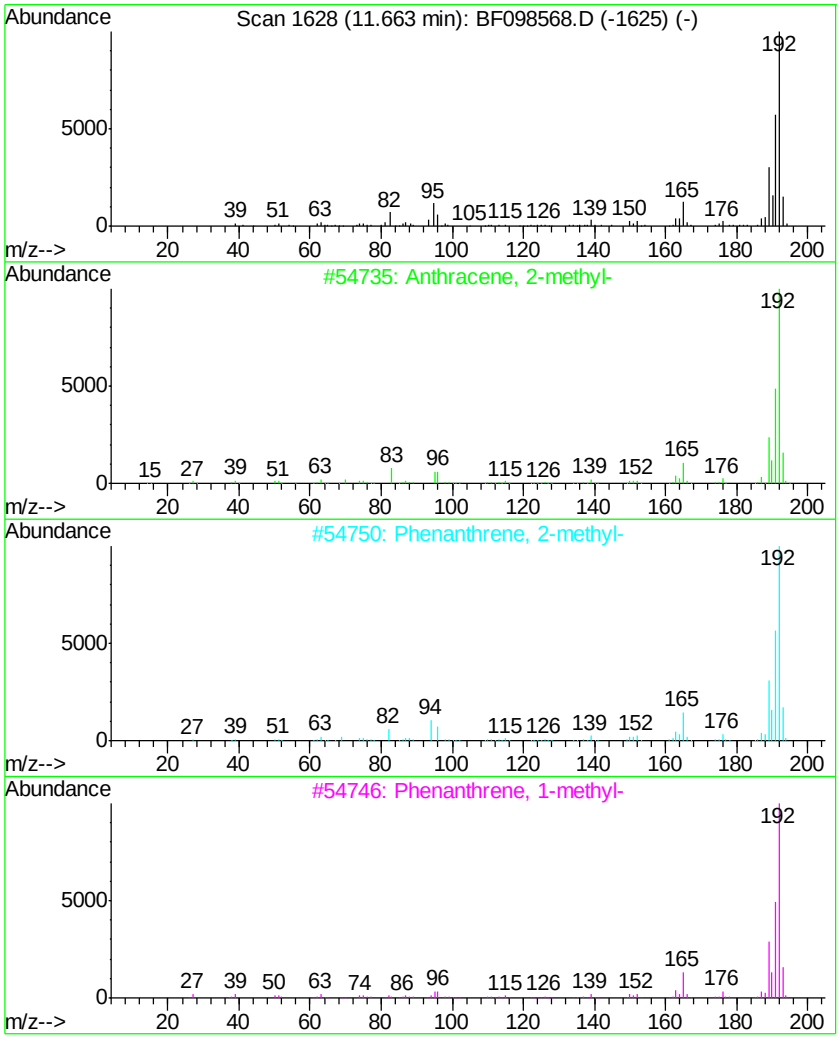
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

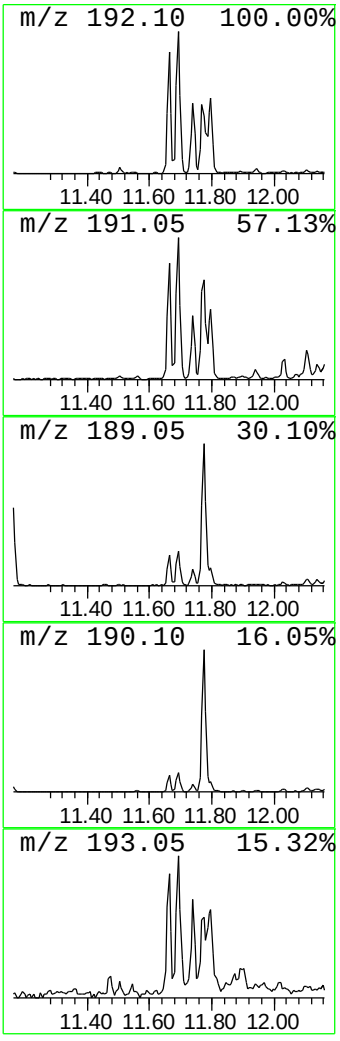
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	4.32 ng	200478	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098568.D
Acq On : 15 Sep 2017 14:38
Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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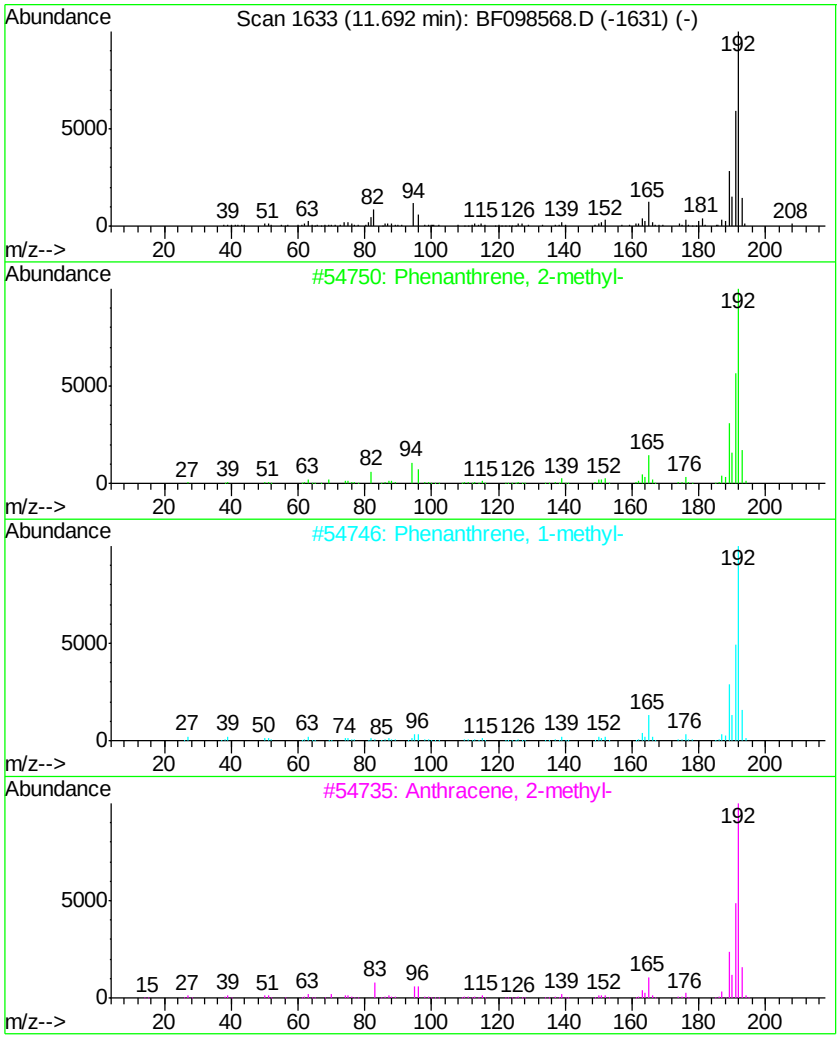
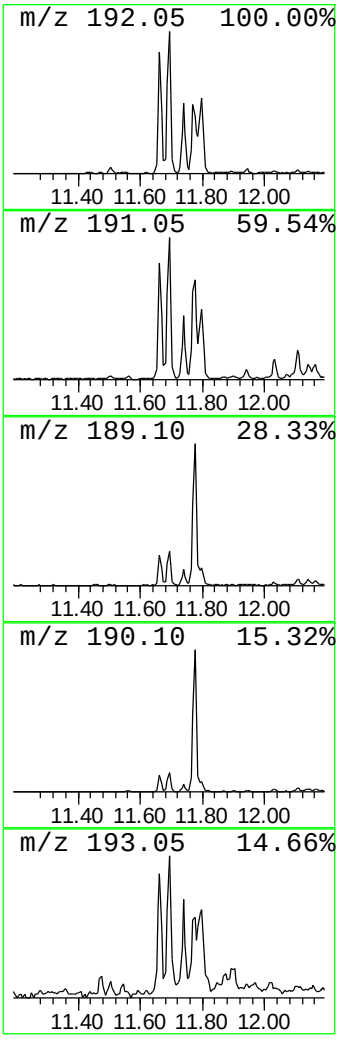
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	5.22 ng	242386	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96





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Data File : BF098568.D
Acq On : 15 Sep 2017 14:38
Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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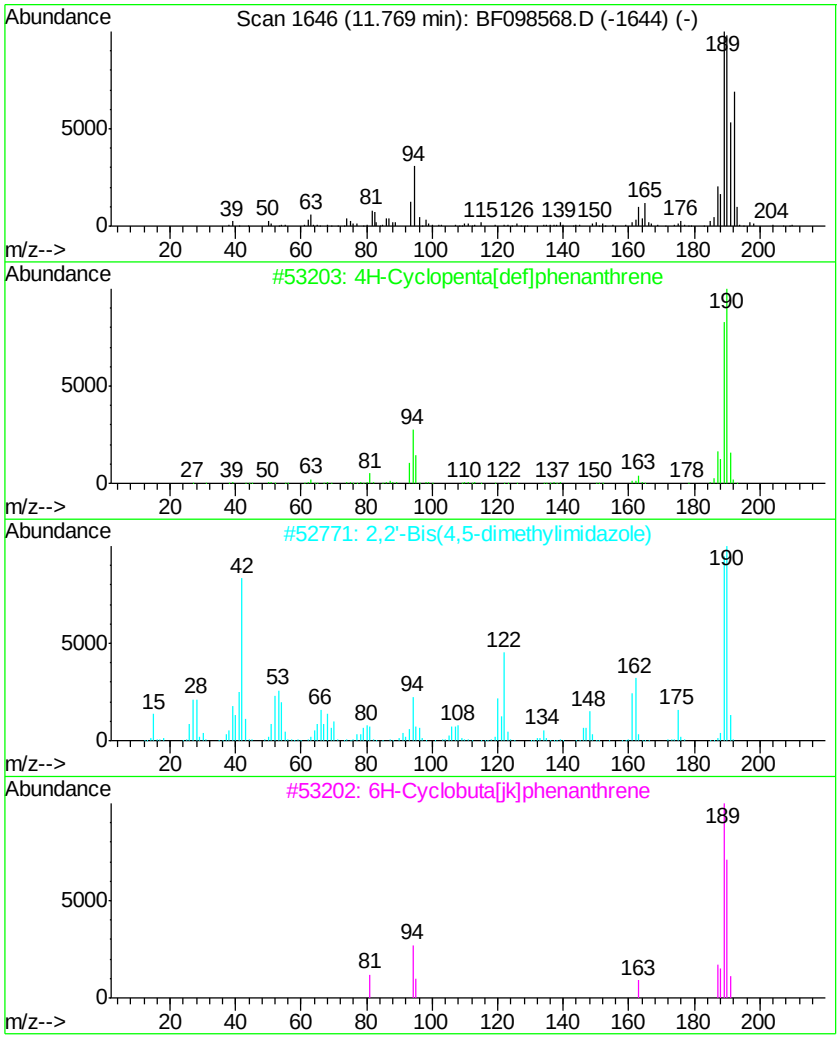
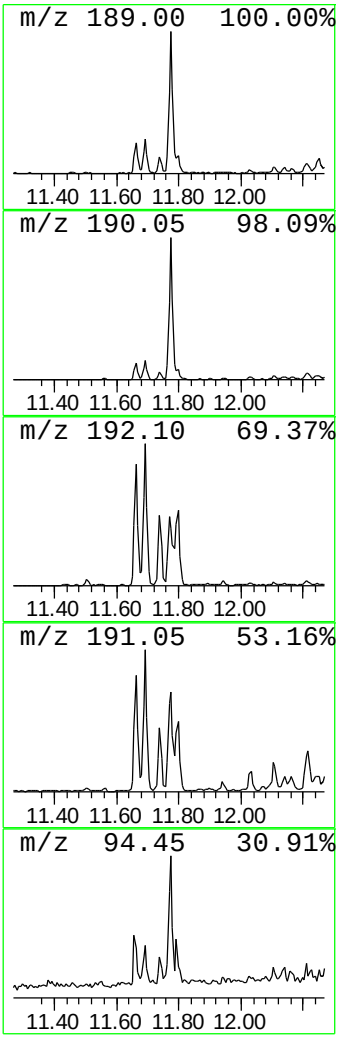
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.36 ng	434395	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17





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Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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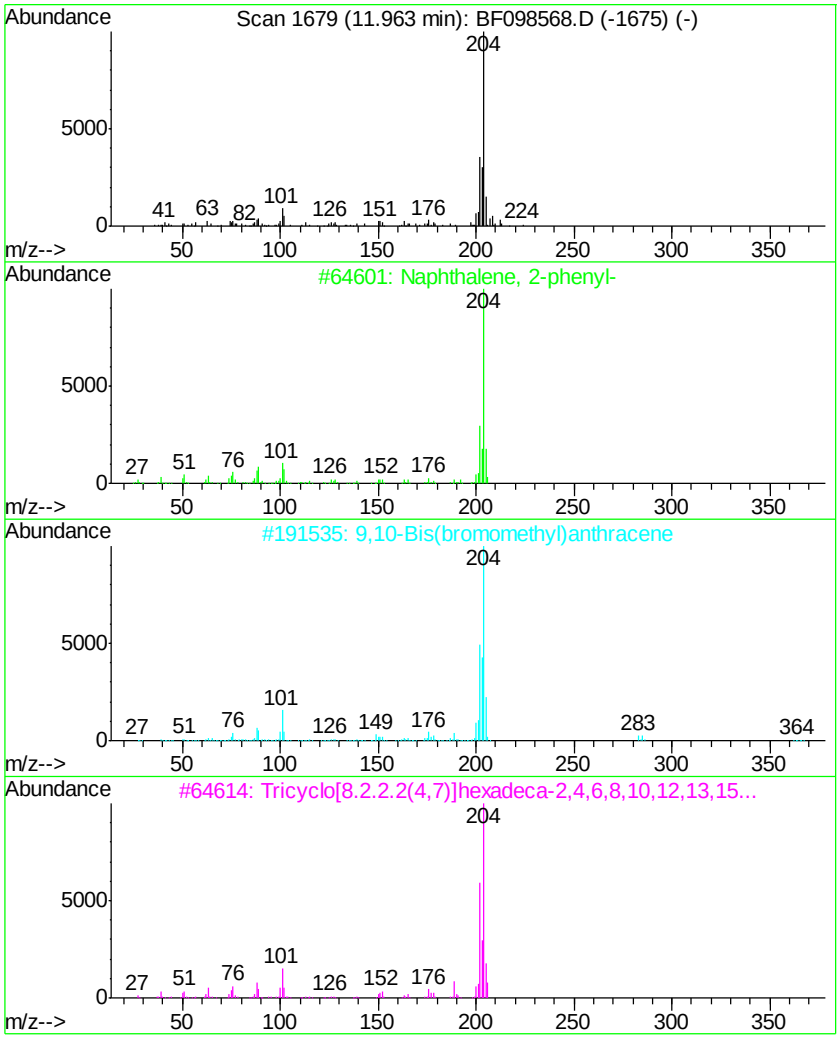
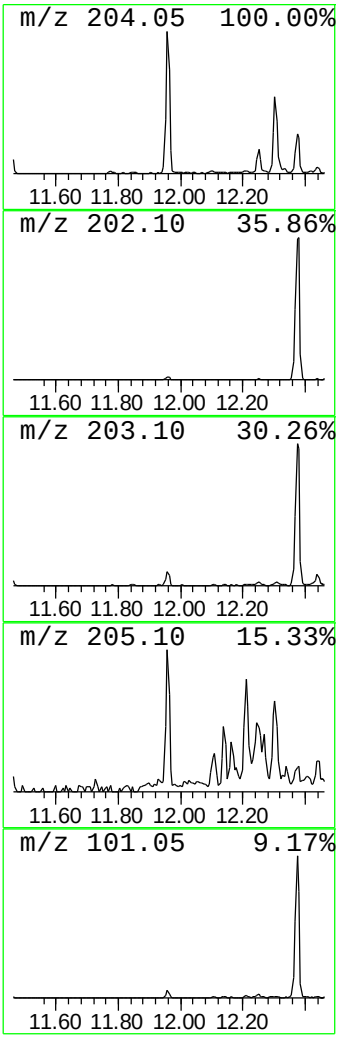
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.08 ng	142724	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53





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Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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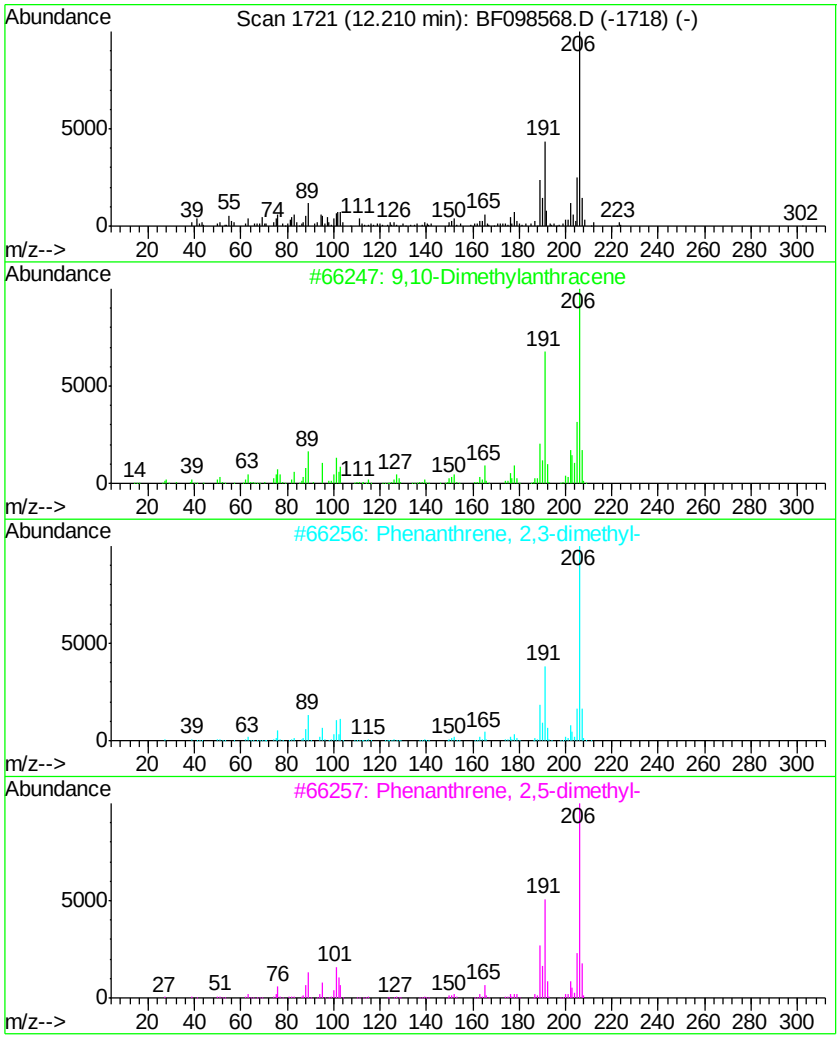
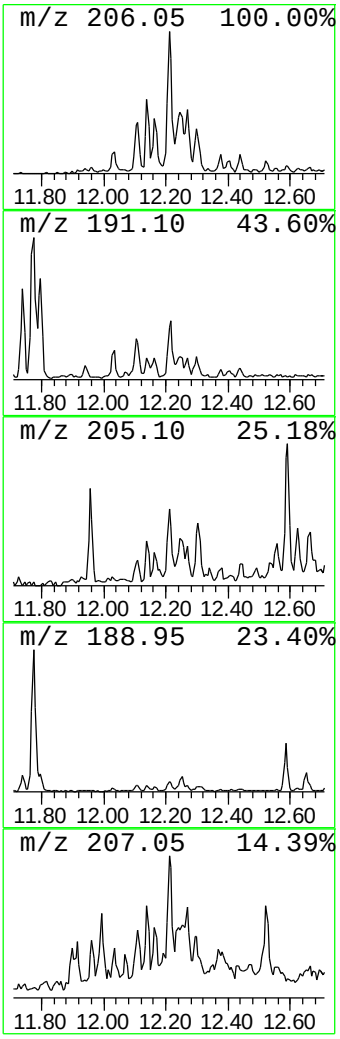
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	3.07 ng	142324	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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TIC Library : C:\DATABASE\NIST11.L
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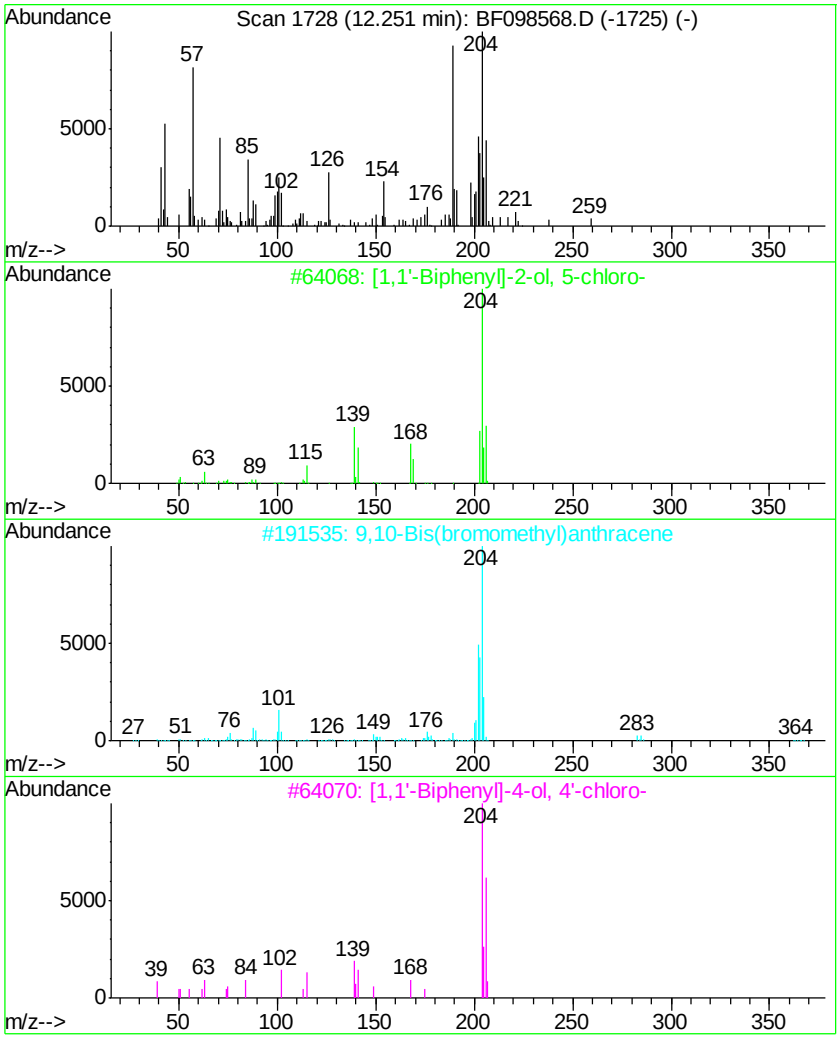
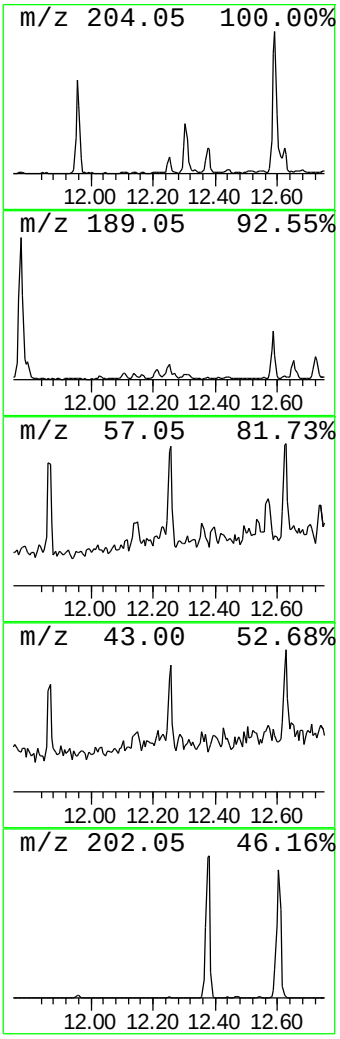
Peak Number 11 unknown12.25 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.98 ng	138196	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	25
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	25
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	22
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	18





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Acq On : 15 Sep 2017 14:38
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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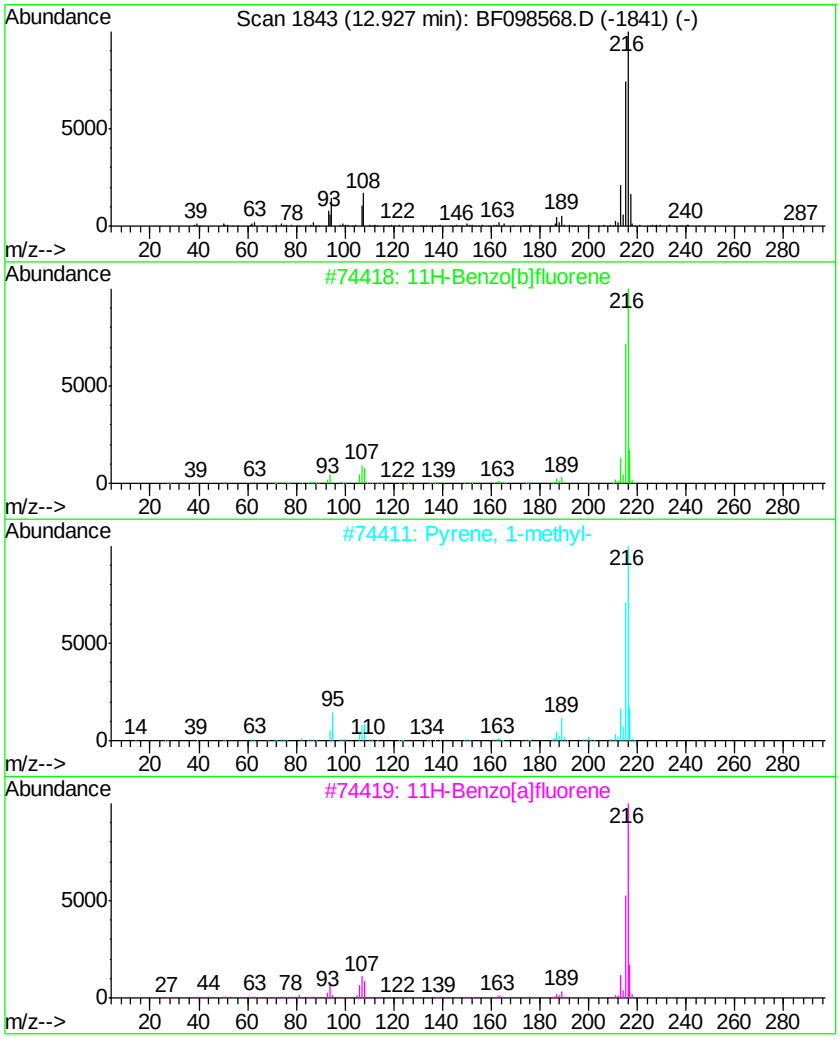
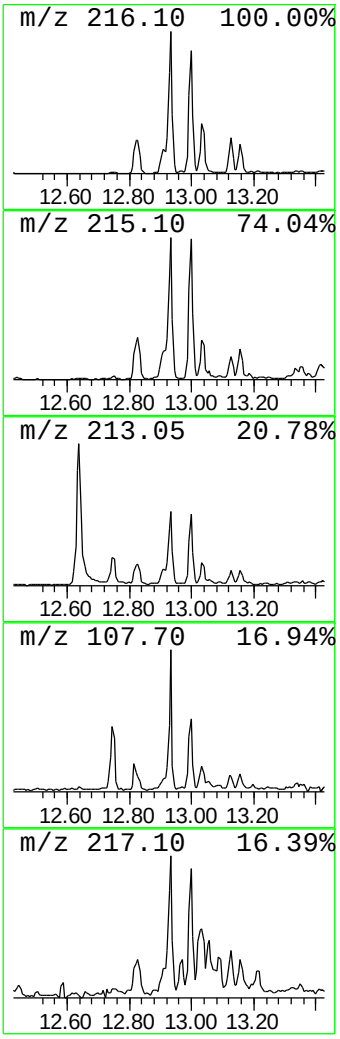
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	3.55 ng	441495	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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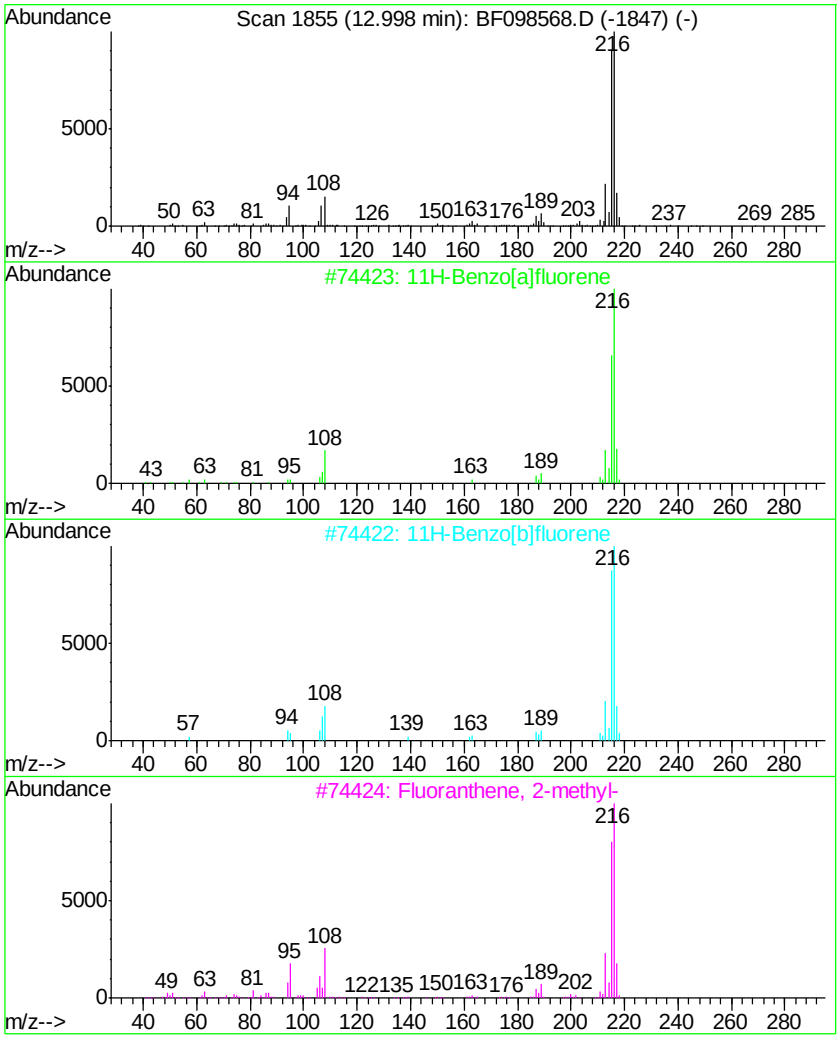
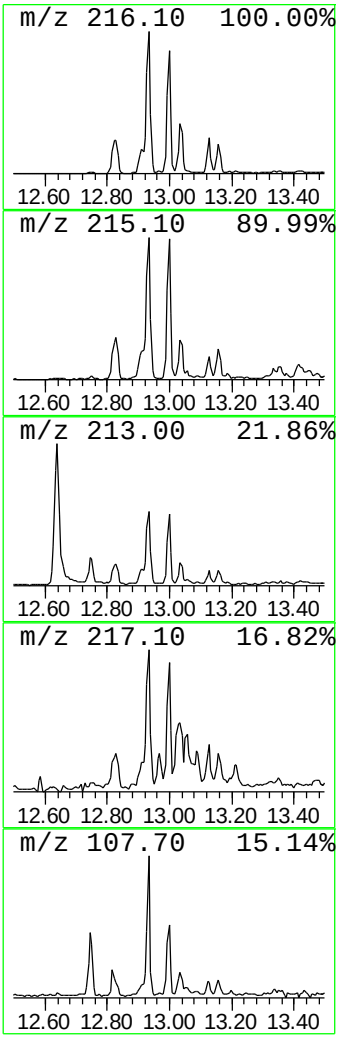
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.97 ng	493545	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





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Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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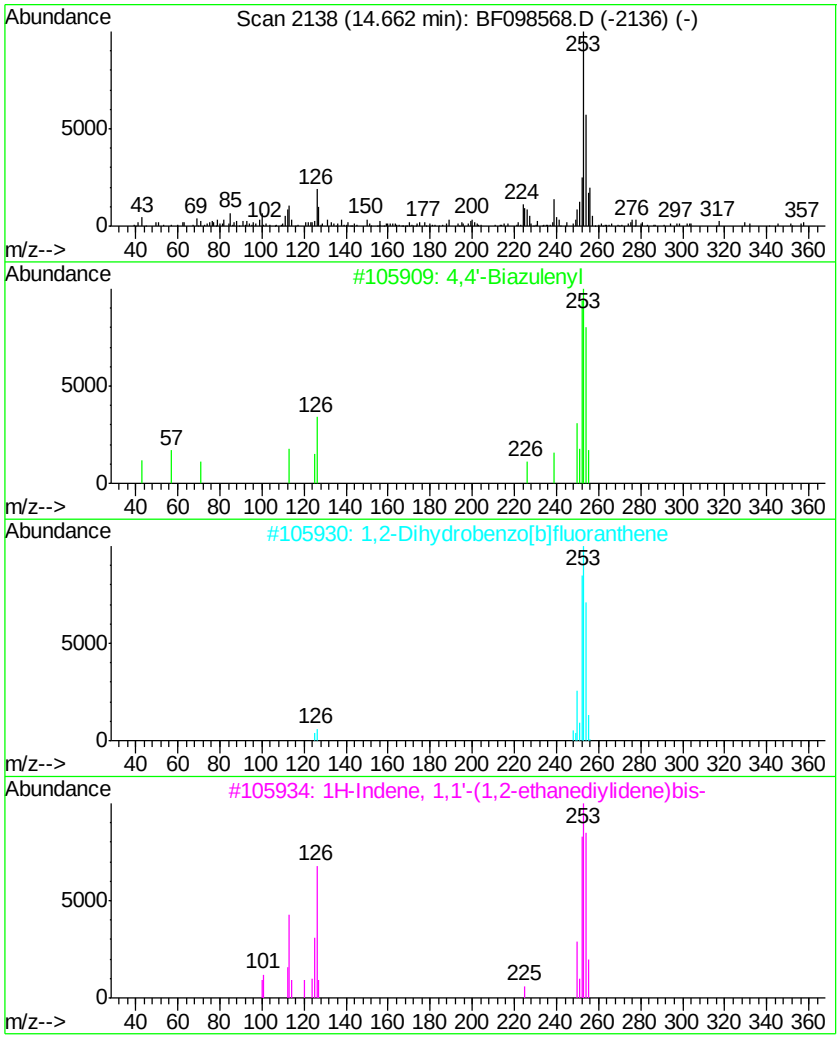
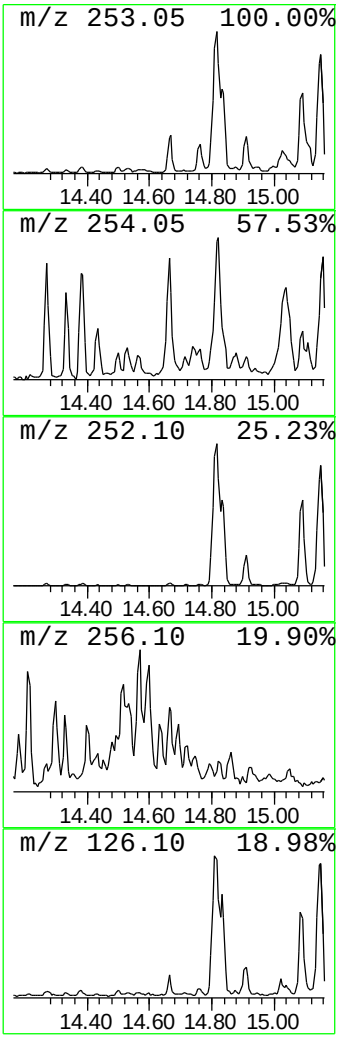
Peak Number 14 4,4'-Biazulenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.22 ng	136492	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Biazulenyl	254	C20H14	094053-54-0	58
2	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	53
3	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	52
4	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	50
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	49





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

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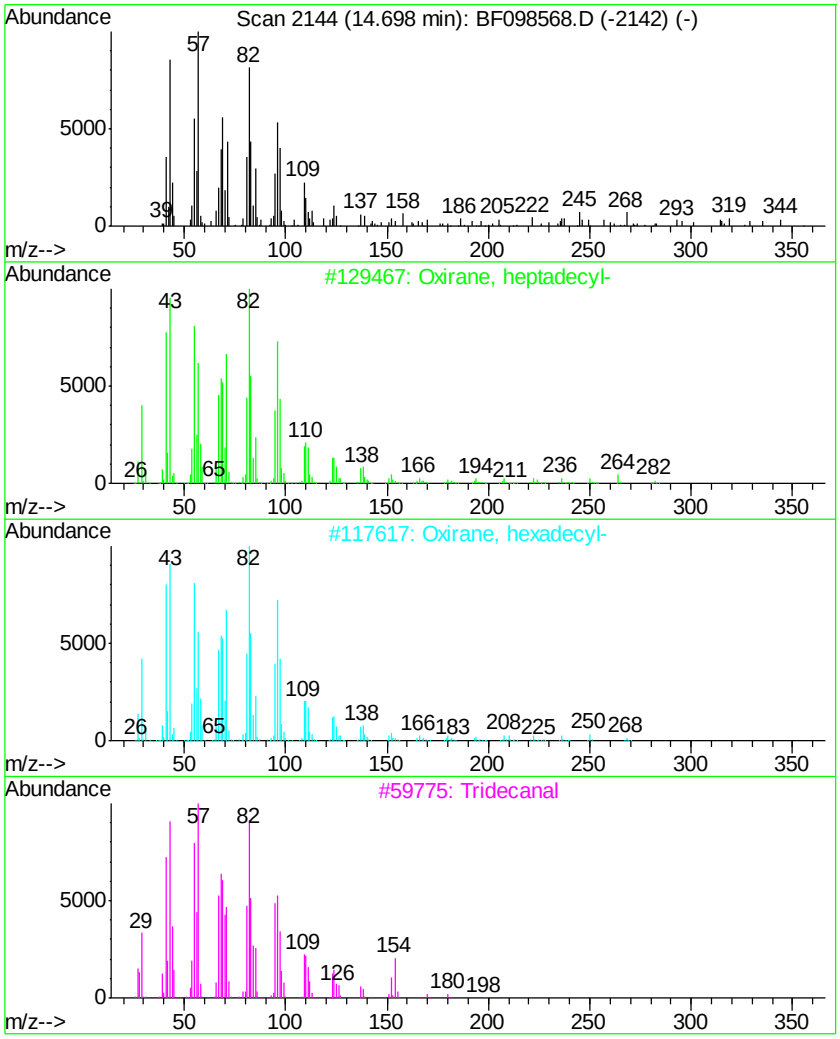
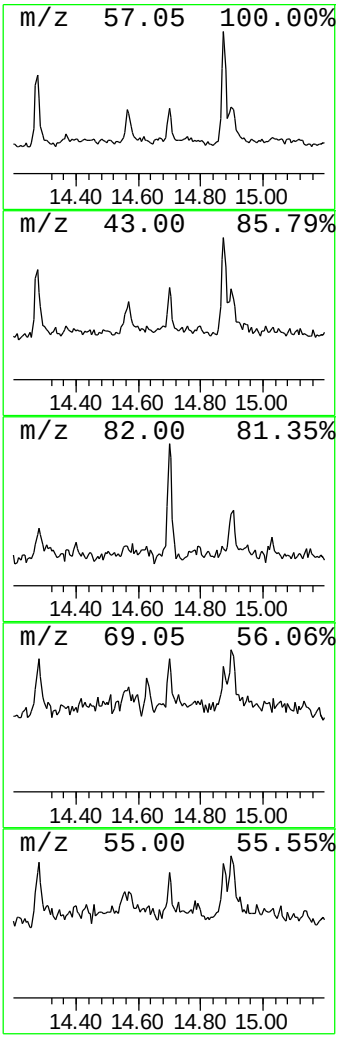
Peak Number 15 Oxirane, heptadecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.42 ng	145303	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	78
3	Tridecanal	198	C13H26O	010486-19-8	64
4	Z-12-Tetradecen-1-ol	212	C14H28O	1000130-84-0	43
5	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	43





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ClientSampleId : RL-6-0-11

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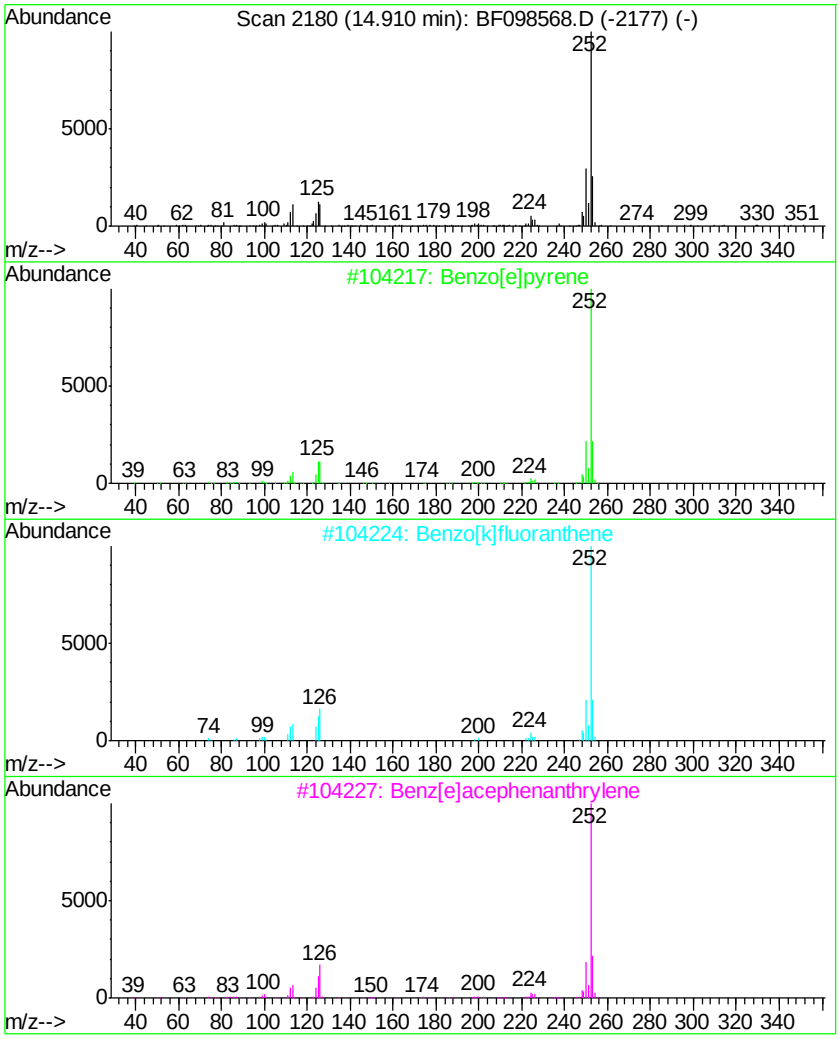
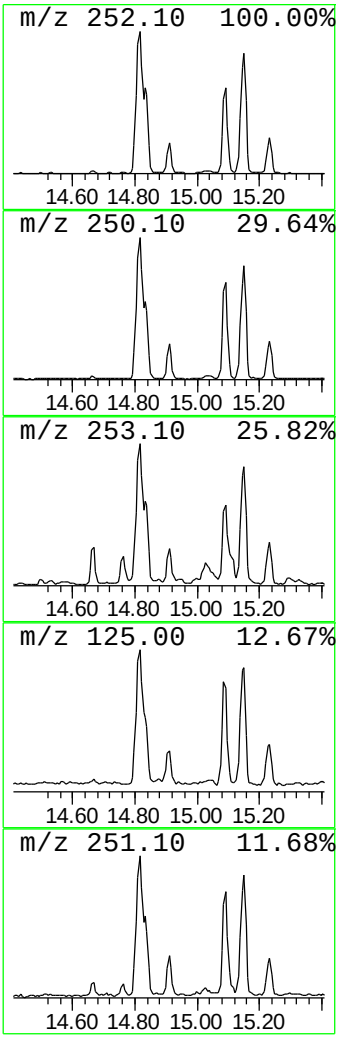
Peak Number 16 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	7.46 ng	316679	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Perylene	252	C20H12	000198-55-0	87





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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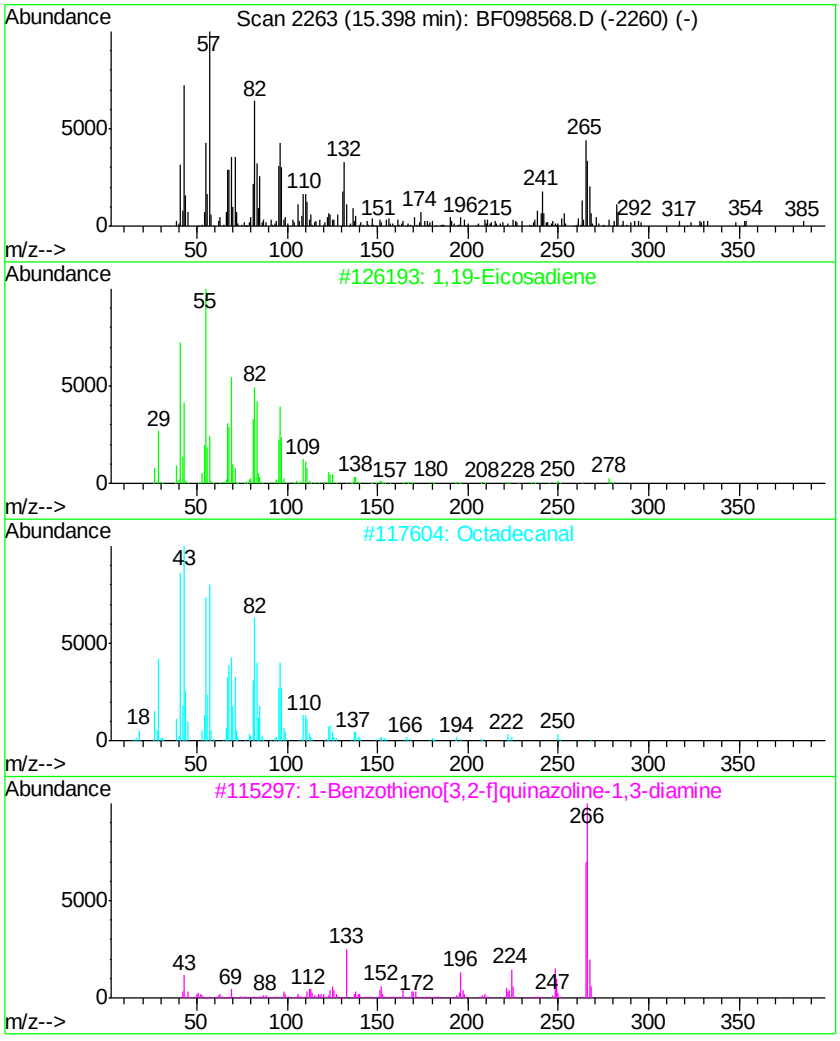
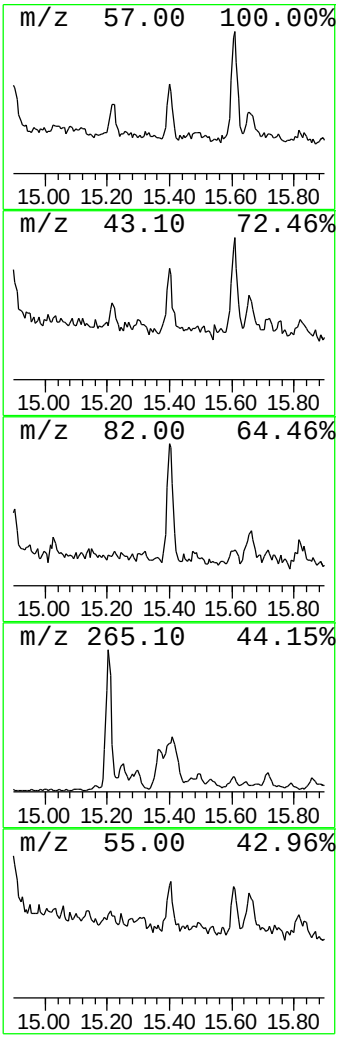
Peak Number 18 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	7.84 ng	332585	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	55
2	Octadecanal	268	C18H36O	000638-66-4	43
3	1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	42
4	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	41
5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	30





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Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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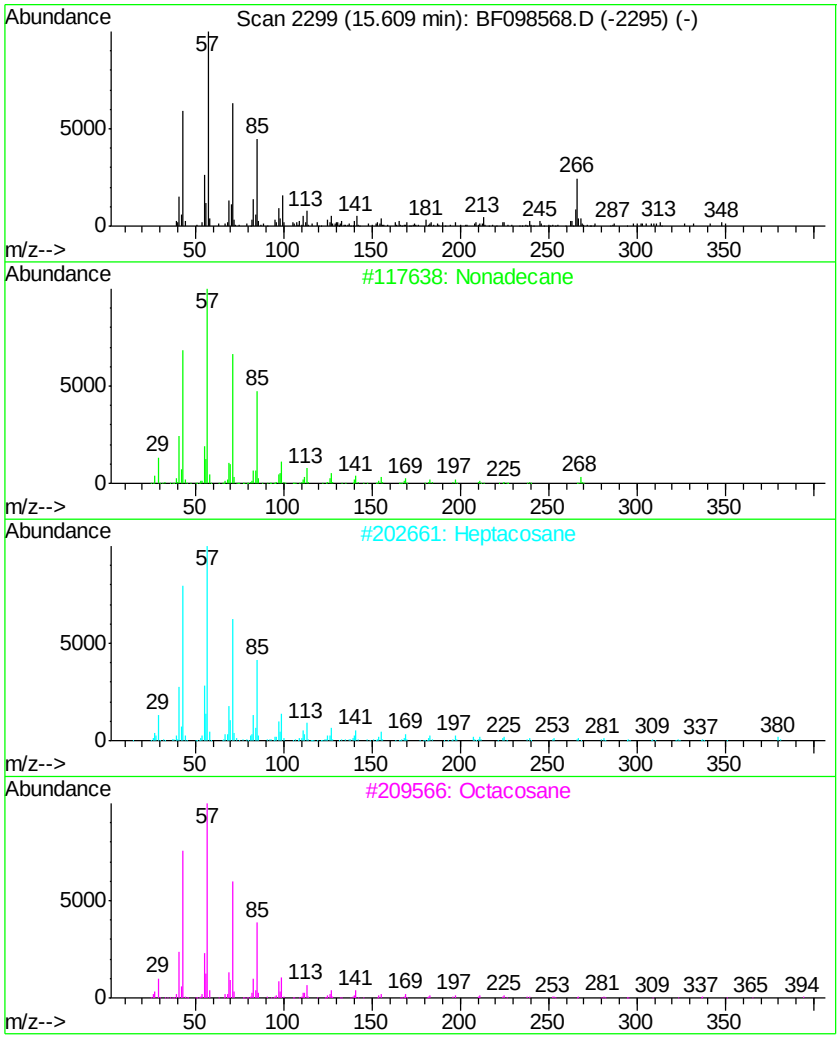
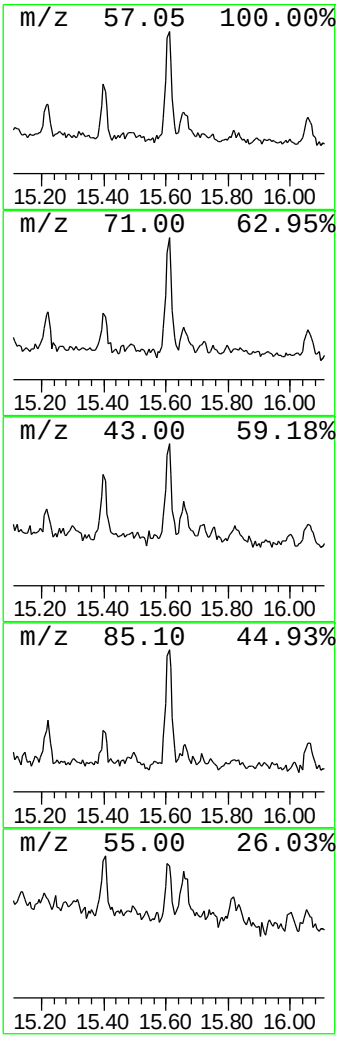
Peak Number 19 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	4.62 ng	196100	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptacosane	380	C27H56	000593-49-7	76
3	Octacosane	394	C28H58	000630-02-4	76
4	Tetracosane	338	C24H50	000646-31-1	76
5	Octadecane	254	C18H38	000593-45-3	70





Tentatively Identified Compound (LSC) summary

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Data File : BF098568.D
Acq On : 15 Sep 2017 14:38
Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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...	4.82	10.3	ng	448341	1	6.65	867769	20.0
unknown6.42	6.42	81.1	ng	3517800	1	6.65	867769	20.0
Heptacosane	10.59	4.1	ng	190612	4	11.16	927949	20.0
Anthracene, 2-met...	11.66	4.3	ng	200478	4	11.16	927949	20.0
Phenanthrene, 2-m...	11.69	5.2	ng	242386	4	11.16	927949	20.0
4H-Cyclopenta[def...	11.77	9.4	ng	434395	4	11.16	927949	20.0
Naphthalene, 2-ph...	11.96	3.1	ng	142724	4	11.16	927949	20.0
9,10-Dimethylanth...	12.21	3.1	ng	142324	4	11.16	927949	20.0
unknown12.25	12.25	3.0	ng	138196	4	11.16	927949	20.0
11H-Benzo[b]fluorene	12.93	3.5	ng	441495	5	13.80	2488960	20.0
11H-Benzo[a]fluorene	13.00	4.0	ng	493545	5	13.80	2488960	20.0
4,4'-Biazulenyl	14.66	3.2	ng	136492	6	15.20	848911	20.0
Oxirane, heptadecyl-	14.70	3.4	ng	145303	6	15.20	848911	20.0
Benzo[e]pyrene	14.91	7.5	ng	316679	6	15.20	848911	20.0
1,19-Eicosadiene	15.40	7.8	ng	332585	6	15.20	848911	20.0
Nonadecane	15.61	4.6	ng	196100	6	15.20	848911	20.0