LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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	5.637	558	561	565	rBV	406840	374457	4.38%	0.471%
2	6.631	726	730	734	rBV	521280	447232	5.23%	0.562%
3	6.789	753	757	760	rBV	481840	404535	4.73%	0.509%
4	7.025	793	797	800	rBV	1708227	1336255	15.64%	1.680%
5	7.178	820	823	826	rBV	402136	319113	3.73%	0.401%
6	7.284	838	841	845	rBV	149556	120307	1.41%	0.151%
7	7.578	888	891	900	rVB	296500	248415	2.91%	0.312%
8	8.307	1011	1015	1017	rBV	1937996	1697146	19.86%	2.134%
9	8.331	1017	1019	1022	rVB	845292	610491	7.15%	0.768%
10	9.019	1133	1136	1140	rBV	220885	195502	2.29%	0.246%
11	9.125	1150	1154	1158	rVB	122556	106369	1.24%	0.134%
12	9.378	1194	1197	1201	rVB	529828	451148	5.28%	0.567%
13	10.077	1312	1316	1318	rBV	1819681	1686097	19.73%	2.120%
14	10.107	1318	1321	1324	rVB	1820559	1452937	17.01%	1.827%
15	10.277	1346	1350	1354	rBV	612451	542135	6.35%	0.682%
16	10.625	1405	1409	1413	rVB	1183398	953851	11.16%	1.199%
17	10.713	1422	1424	1426	rVV	188590	149638	1.75%	0.188%
18	10.760	1430	1432	1434	rVV	142421	130333	1.53%	0.164%
19	10.783	1434	1436	1440	rVB	141967	120879	1.41%	0.152%
20	10.866	1446	1450	1454	rBV	337982	345705	4.05%	0.435%
21	11.154	1496	1499	1501	rBV2	87029	113169	1.32%	0.142%
22	11.177	1501	1503	1505	rVB	150416	115718	1.35%	0.146%
23	11.377	1533	1537	1540	rVB	178636	168961	1.98%	0.212%
24	11.430	1540	1546	1549	rBV2	212274	250725	2.93%	0.315%
25	11.472	1549	1553	1558	rVB	594883	505121	5.91%	0.635%
26	11.577	1567	1571	1573	rBV	1743442	1908005	22.33%	2.399%
27	11.607	1573	1576	1579	rVV	7623777	7081280	82.88%	8.905%
28	11.654	1579	1584	1587	rVV	2795797	2378083	27.83%	2.990%
29	11.683	1587	1589	1594	rVB	339594	277072	3.24%	0.348%
30	11.801	1603	1609	1613	rBV	1412583	1374359	16.09%	1.728%
31	11.866	1617	1620	1625	rVV2	140987	131746	1.54%	0.166%
32	11.989	1638	1641	1646	rVB2	81742	107086	1.25%	0.135%
33	12.077	1650	1656	1658	rVV	750549	662833	7.76%	0.834%
34	12.107	1658	1661	1664	rVB	1073462	903095	10.57%	1.136%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.154	1664	1669	1672	rBV	395824	363021	4.25%	0.457%
36	12.195	1672	1676	1678	rBV2	1466592	1497396	17.53%	1.883%
37	12.213	1678	1679	1683	rVB	497133	325551	3.81%	0.409%
38	12.277	1688	1690	1693	rBV	127495	112551	1.32%	0.142%
39	12.371	1702	1706	1709	rBV	633380	536028	6.27%	0.674%
40	12.401	1709	1711	1715	rVB	395176	313819	3.67%	0.395%
41	12.524	1729	1732	1734	rVB2	174153	138908	1.63%	0.175%
42	12.577	1739	1741	1744	rVB	119596	97872	1.15%	0.123%
43	12.630	1746	1750	1754	rBV	276013	363499	4.25%	0.457%
44	12.671	1754	1757	1762	rVV3	170894	260300	3.05%	0.327%
45	12.724	1762	1766	1770	rVV3	190996	234482	2.74%	0.295%
46	12.807	1775	1780	1783	rBV	7537434	7986047	93.47%	10.043%
47	12.860	1787	1789	1792	rVB	218189	171691	2.01%	0.216%
48	12.954	1801	1805	1808	rBV2	285320	259188	3.03%	0.326%
49	13.042	1812	1820	1823	rBV2	6310852	8543894	100.00%	10.744%
50	13.077	1823	1826	1830	rVB	366600	331462	3.88%	0.417%
51	13.160	1834	1840	1842	rBV2	554656	836620	9.79%	1.052%
52	13.189	1842	1845	1848	rVB	462424	402652	4.71%	0.506%
53	13.248	1850	1855	1858	rBV2	393108	668781	7.83%	0.841%
54	13.277	1858	1860	1863	rVB	274288	201133	2.35%	0.253%
55	13.336	1865	1870	1871	rBV4	264466	360369	4.22%	0.453%
56	13.360	1871	1874	1877	rVB	1390293	1202046	14.07%	1.512%
57	13.424	1881	1885	1888	rBV	1317433	1155735	13.53%	1.453%
58	13.466	1888	1892	1894	rVV2	510391	590282	6.91%	0.742%
59	13.489	1894	1896	1899	rVB	416527	313424	3.67%	0.394%
60	13.518	1899	1901	1904	rVB3	147267	121793	1.43%	0.153%
61	13.560	1905	1908	1910	rBV	297258	244562	2.86%	0.308%
62	13.589	1910	1913	1916	rBV	324984	292533	3.42%	0.368%
63	13.789	1944	1947	1949	rVB	168189	163390	1.91%	0.205%
64	13.842	1953	1956	1958	rBV2	179126	206102	2.41%	0.259%
65	13.871	1958	1961	1965	rVB	236467	264054	3.09%	0.332%
66	13.983	1976	1980	1982	rBV	610794	609791	7.14%	0.767%
67	14.013	1982	1985	1987	rVV	588555	528536	6.19%	0.665%
68	14.036	1987	1989	1993	rVV2	518490	711248	8.32%	0.894%
69	14.077	1994	1996	2003	rVB	292986	295151	3.45%	0.371%
70	14.154	2004	2009	2013	rBV	203383	312385	3.66%	0.393%
71	14.230	2015	2022	2026	rBV3	3754576	5745409	67.25%	7.225%

LSC Area Percent Report

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Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.265	2026	2028	2035	rVB	3120326	2813434	32.93%	3.538%
73	14.348	2039	2042	2046	rBV	838664	767157	8.98%	0.965%
74	14.424	2052	2055	2058	rVB	313415	268138	3.14%	0.337%
75	14.460	2058	2061	2065	rBV2	422356	454530	5.32%	0.572%
76	14.624	2085	2089	2091	rBV	390561	373826	4.38%	0.470%
77	14.760	2109	2112	2114	rBV	204226	219170	2.57%	0.276%
78	14.783	2114	2116	2120	rVB2	381344	328291	3.84%	0.413%
79	14.830	2120	2124	2131	rBV4	157075	237849	2.78%	0.299%
80	15.342	2206	2211	2214	rBV	1534215	2553701	29.89%	3.211%
81	15.460	2228	2231	2235	rVB	310369	345307	4.04%	0.434%
82	15.683	2264	2269	2275	rVB	846005	1306804	15.30%	1.643%
83	15.748	2275	2280	2285	rBV	1338957	1785878	20.90%	2.246%
84	15.818	2287	2292	2295	rVV	720653	1033490	12.10%	1.300%
85	15.854	2295	2298	2304	rVB	388453	549057	6.43%	0.690%
86	17.459	2565	2571	2581	rVB2	500674	1063207	12.44%	1.337%
87	17.965	2652	2657	2673	rVB	395475	990641	11.59%	1.246%

Sum of corrected areas: 79521983

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
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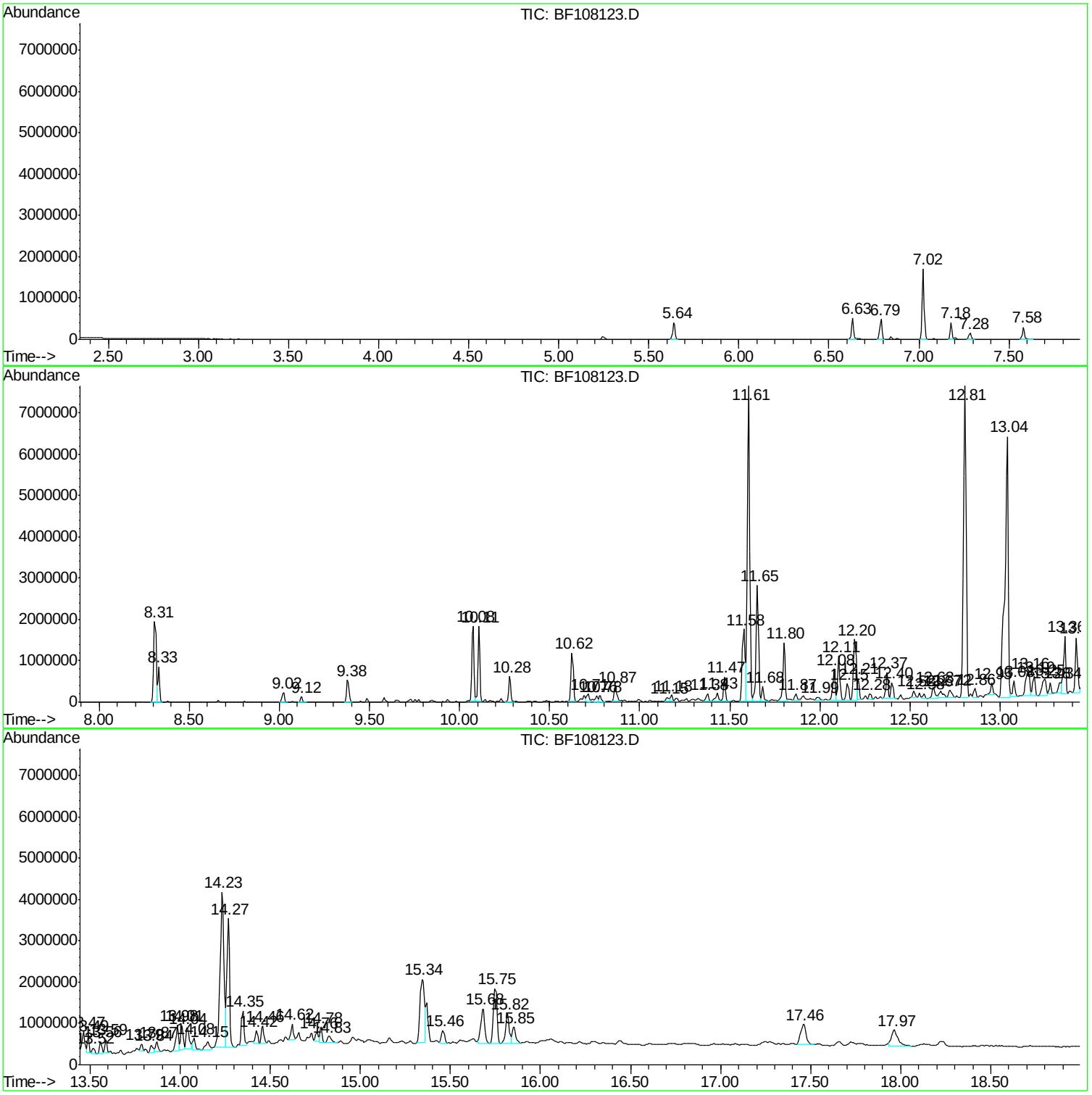
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

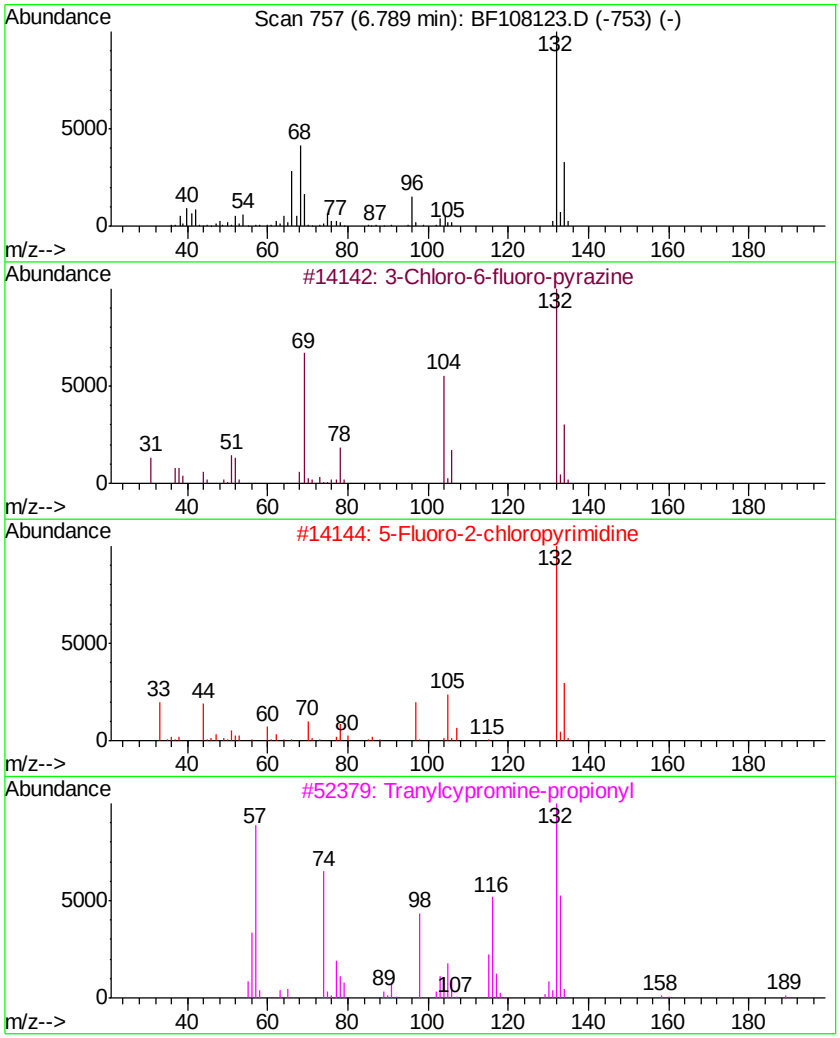
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

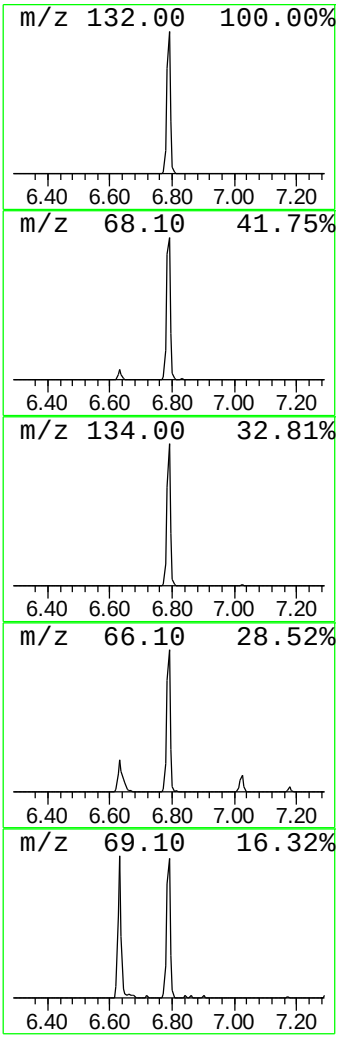
****

Peak Number 1 unknown6.79 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	6.05 ng	404535	1,4-Dichlorobenzene-d4	7.02

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	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

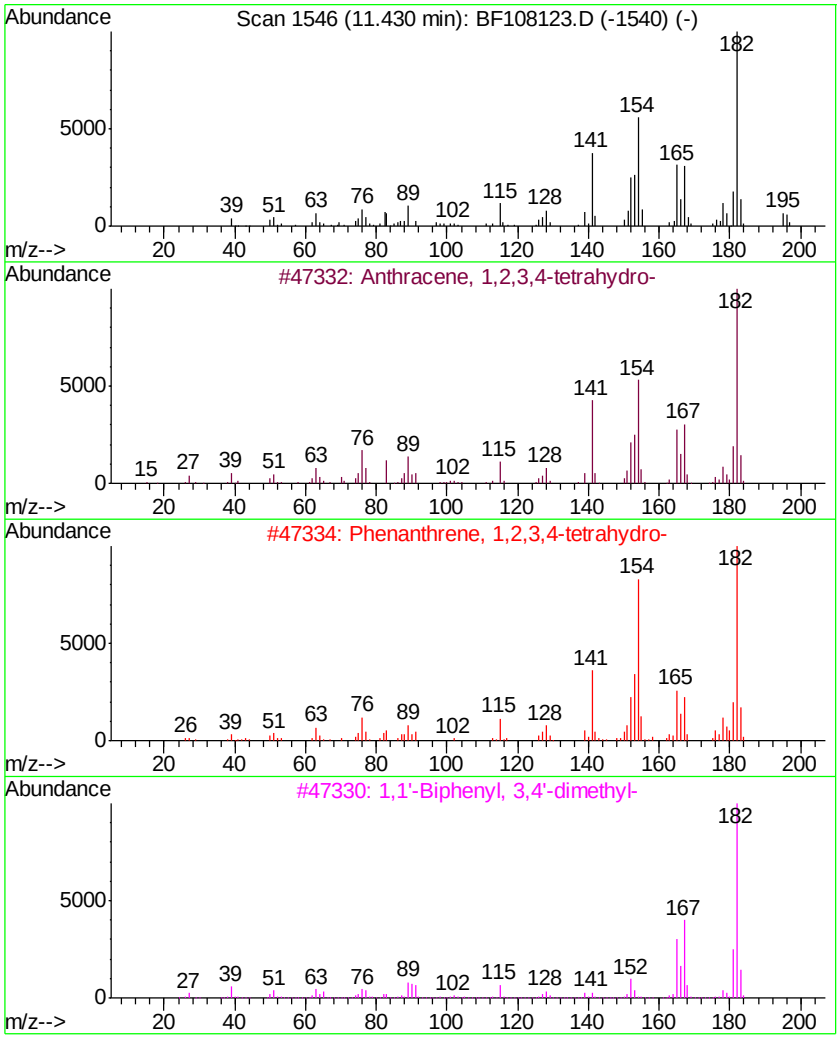
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

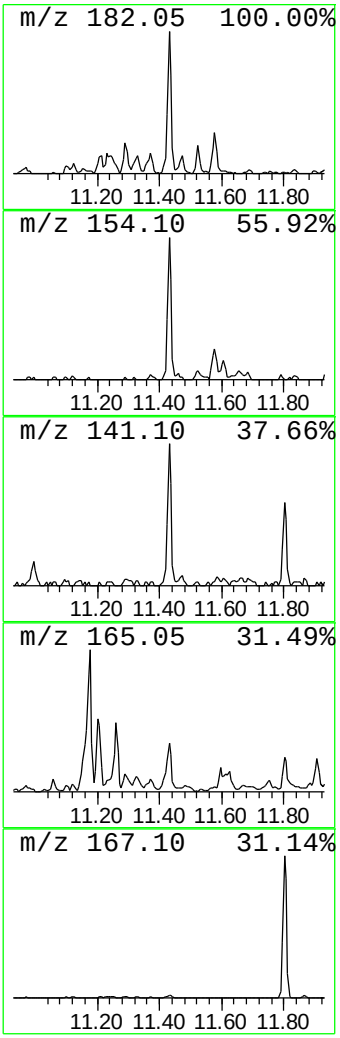
****

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	2.63 ng	250725	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	87
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	60
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	60
5	7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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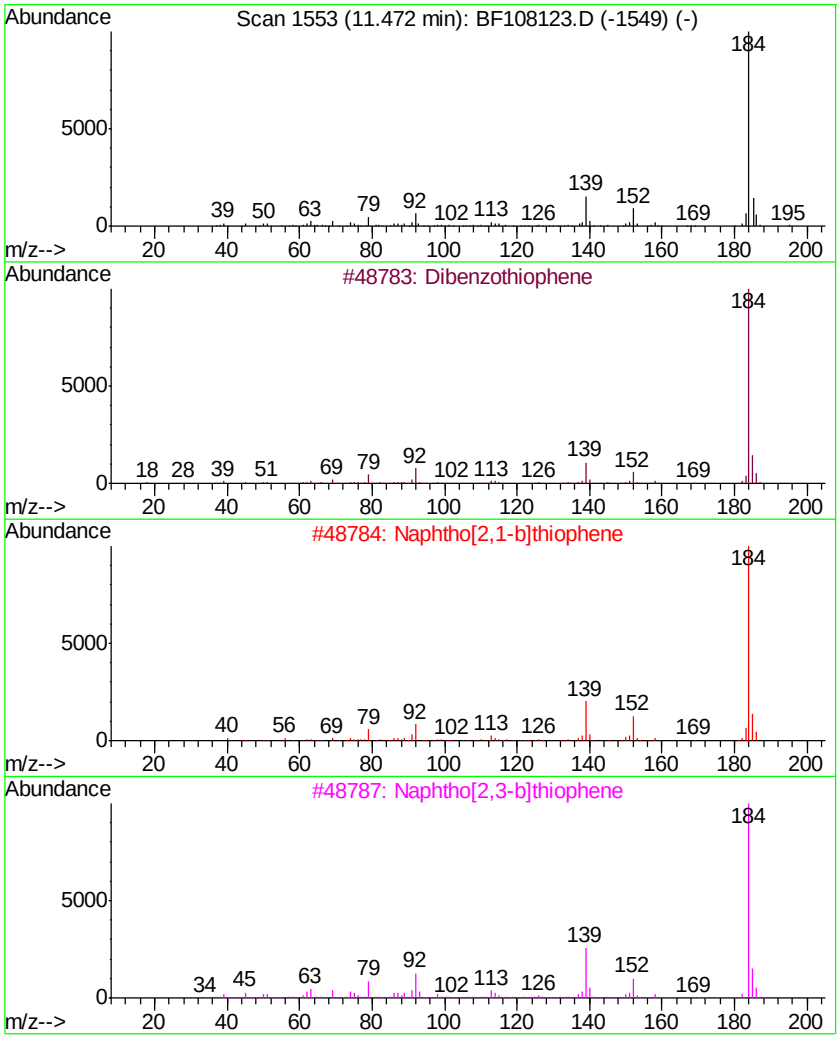
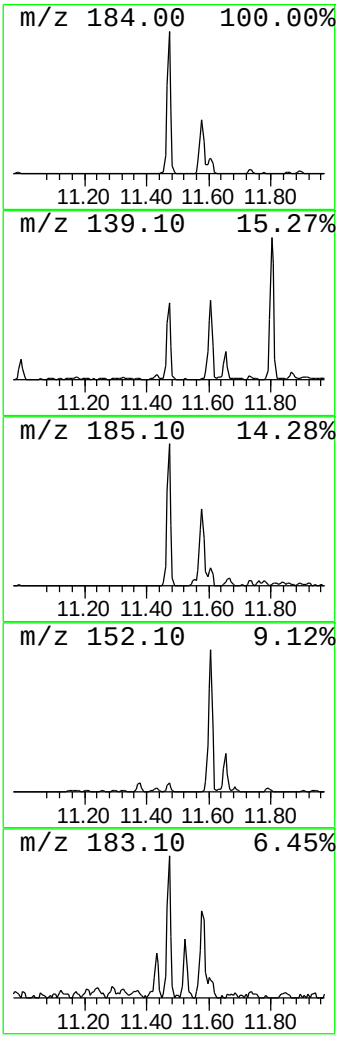
Peak Number 4 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	5.29 ng	505121	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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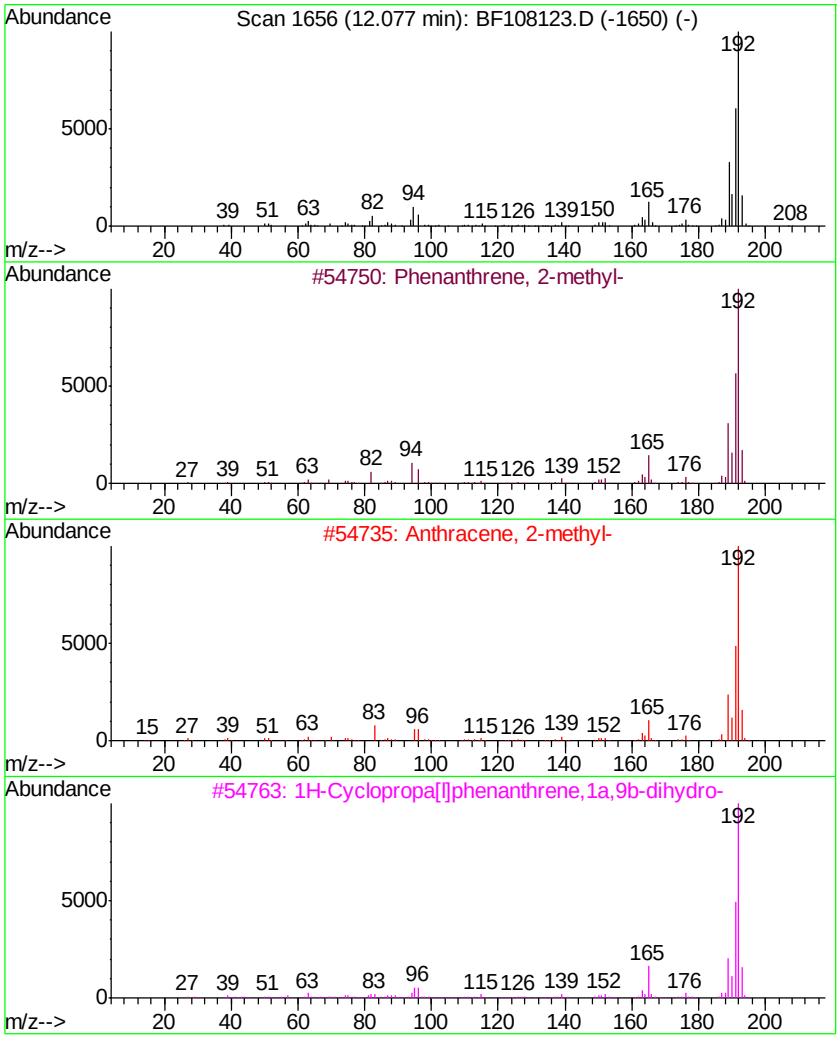
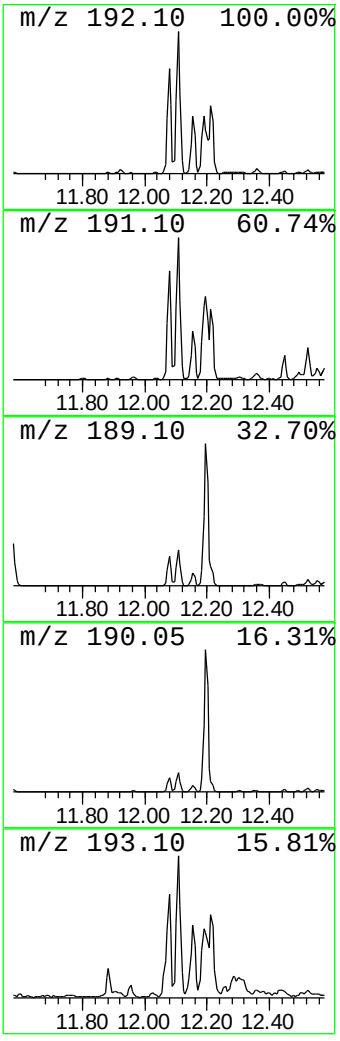
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	6.95 ng	662833	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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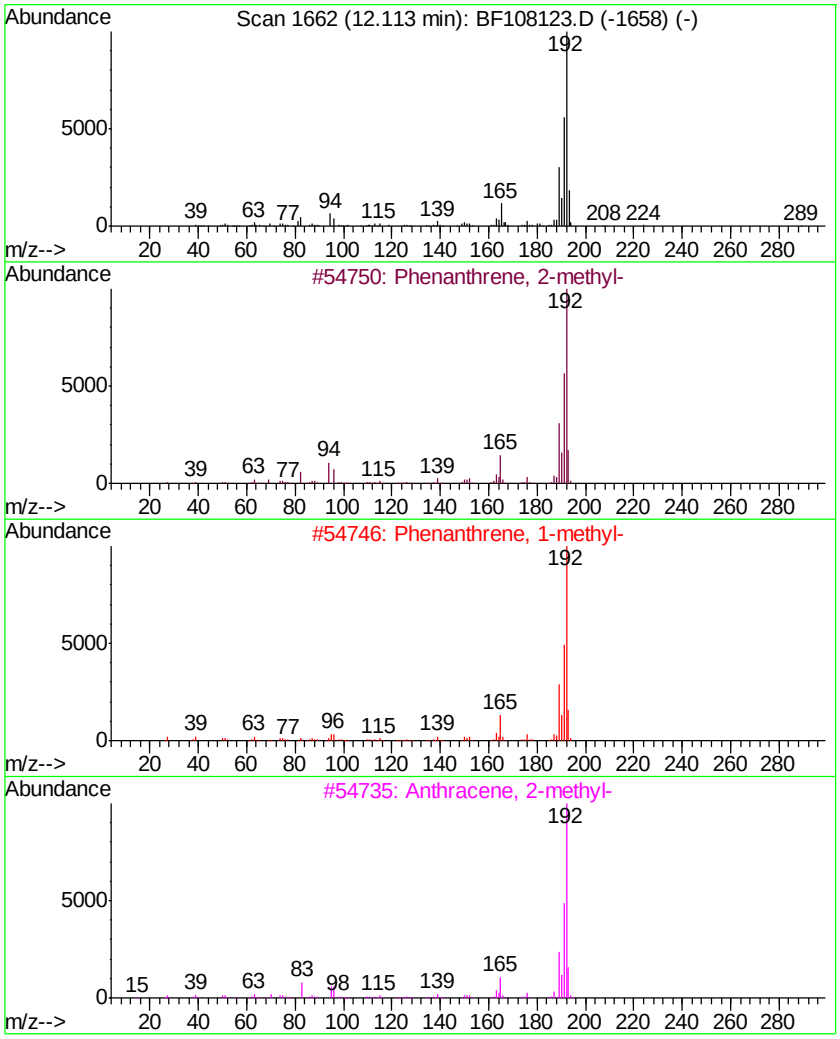
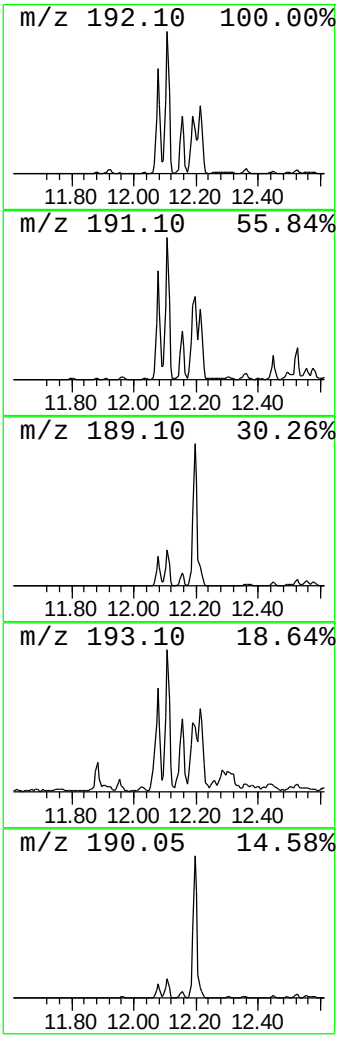
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	9.47 ng	903095	Phenanthrene-d10	11.58

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	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

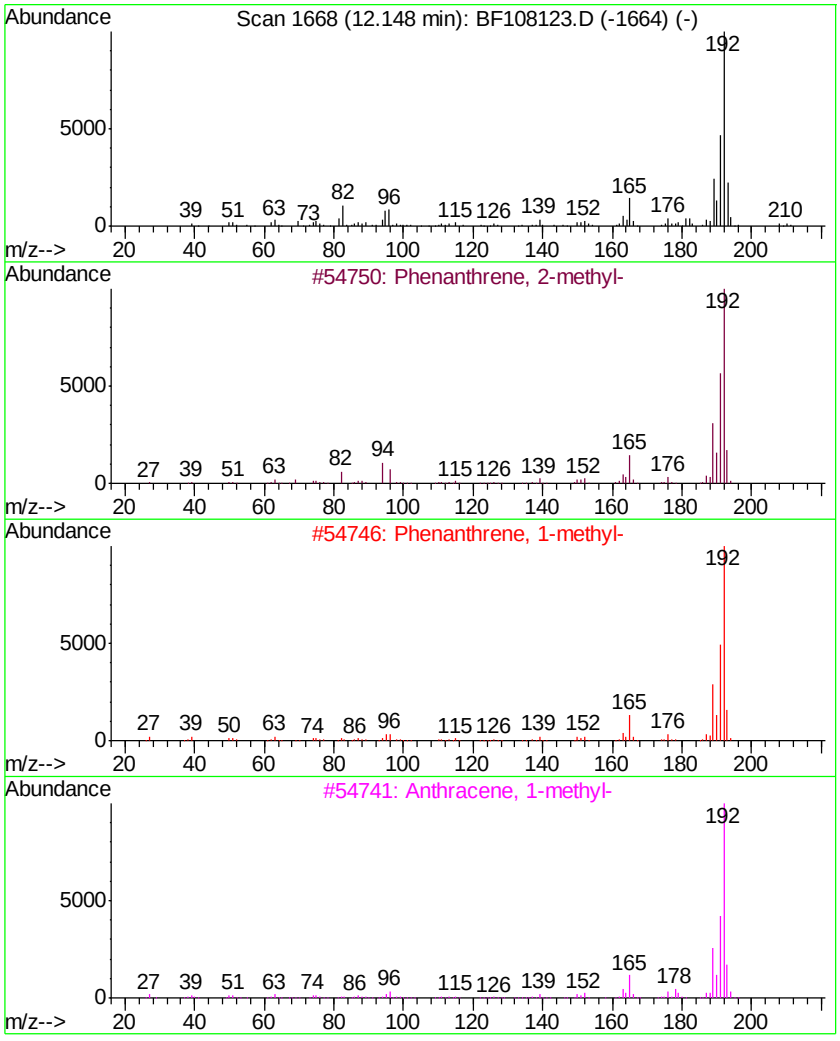
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

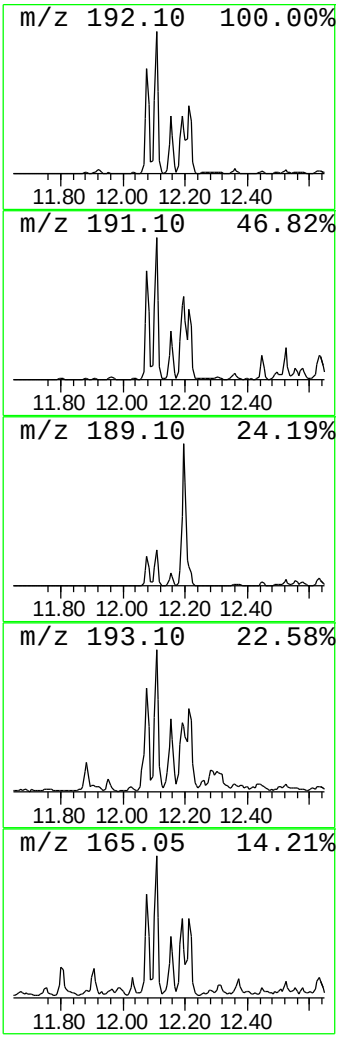
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.81 ng	363021	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : J4409-11 10X
Misc :
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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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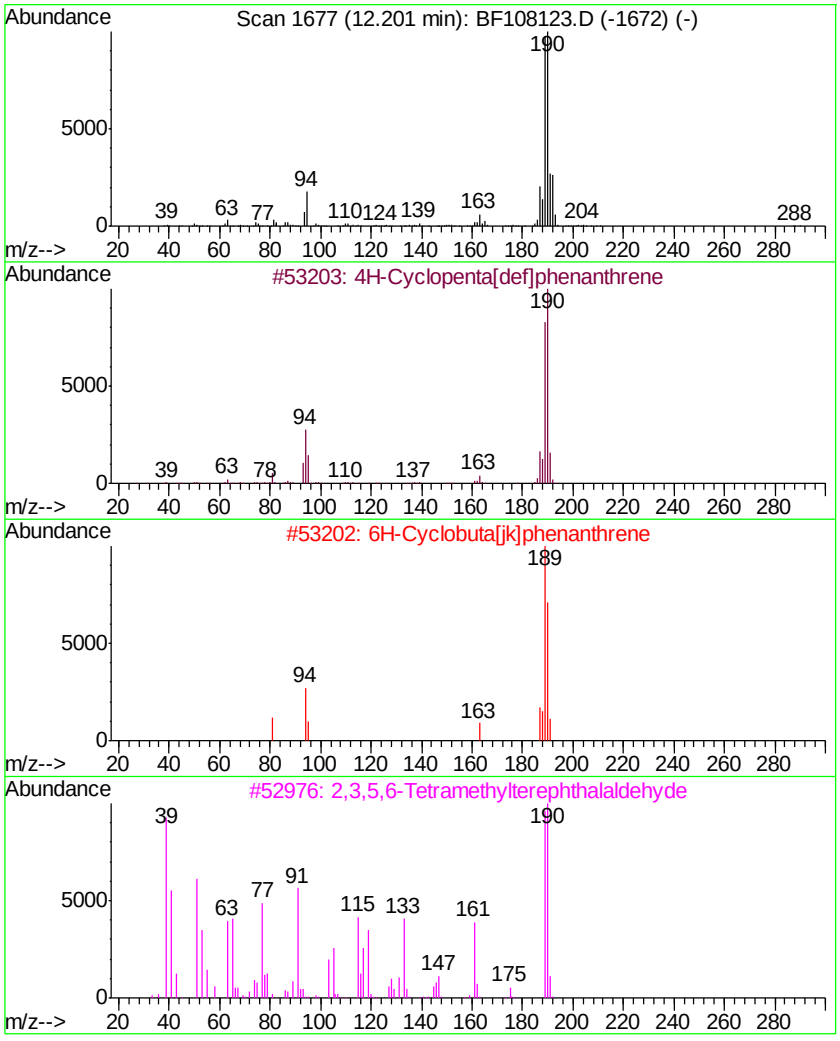
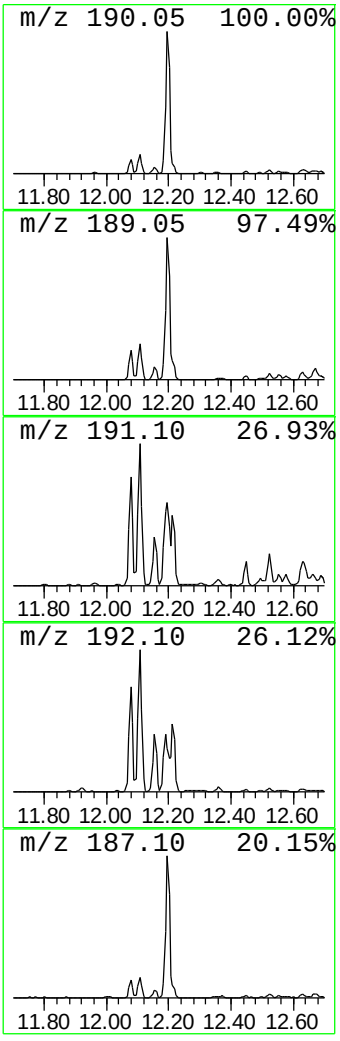
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	15.70 ng	1497400	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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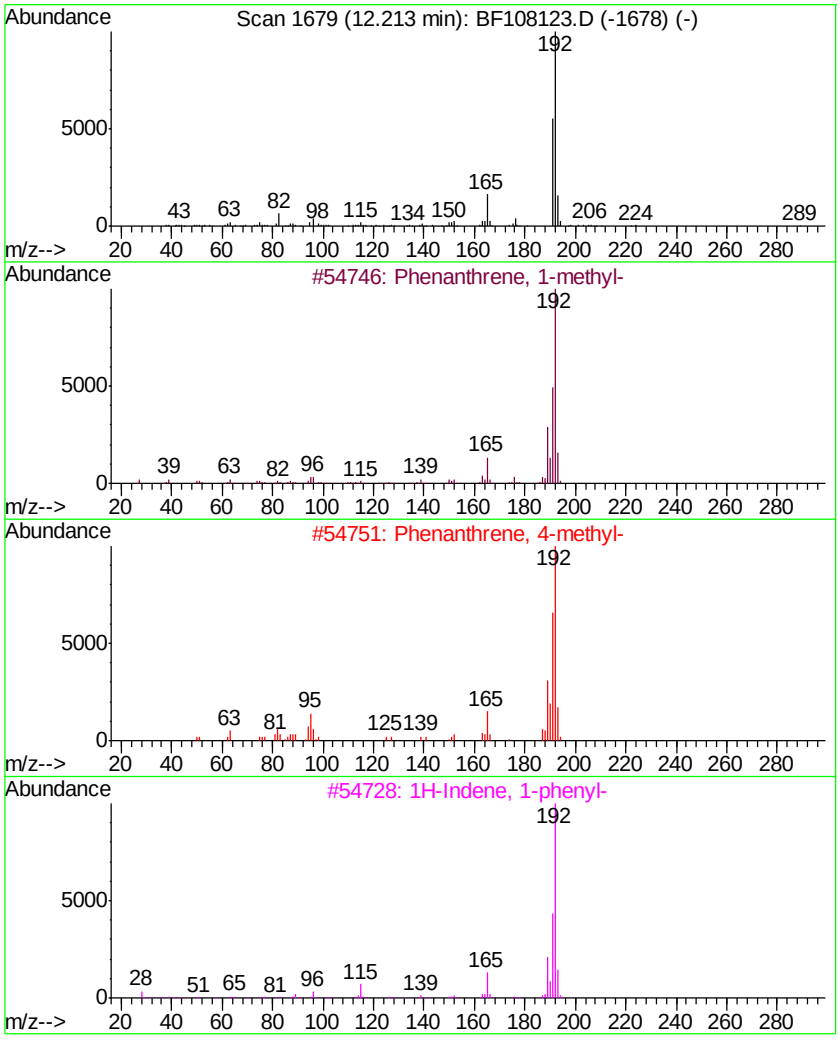
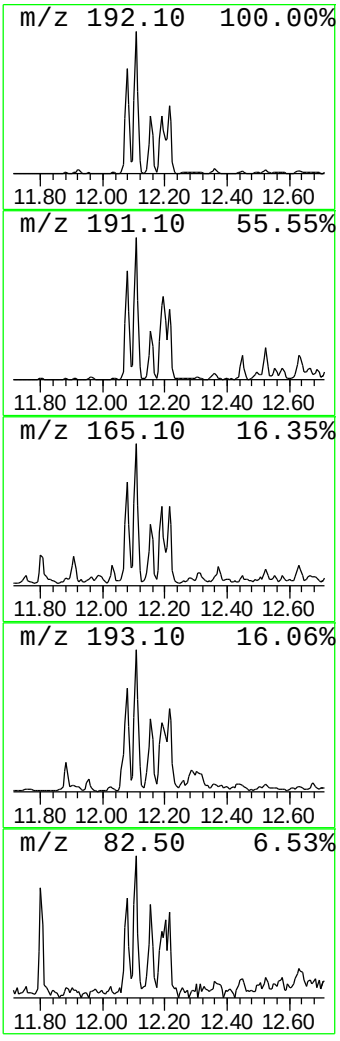
Peak Number 9 1H-Indene, 1-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	3.41 ng	325551	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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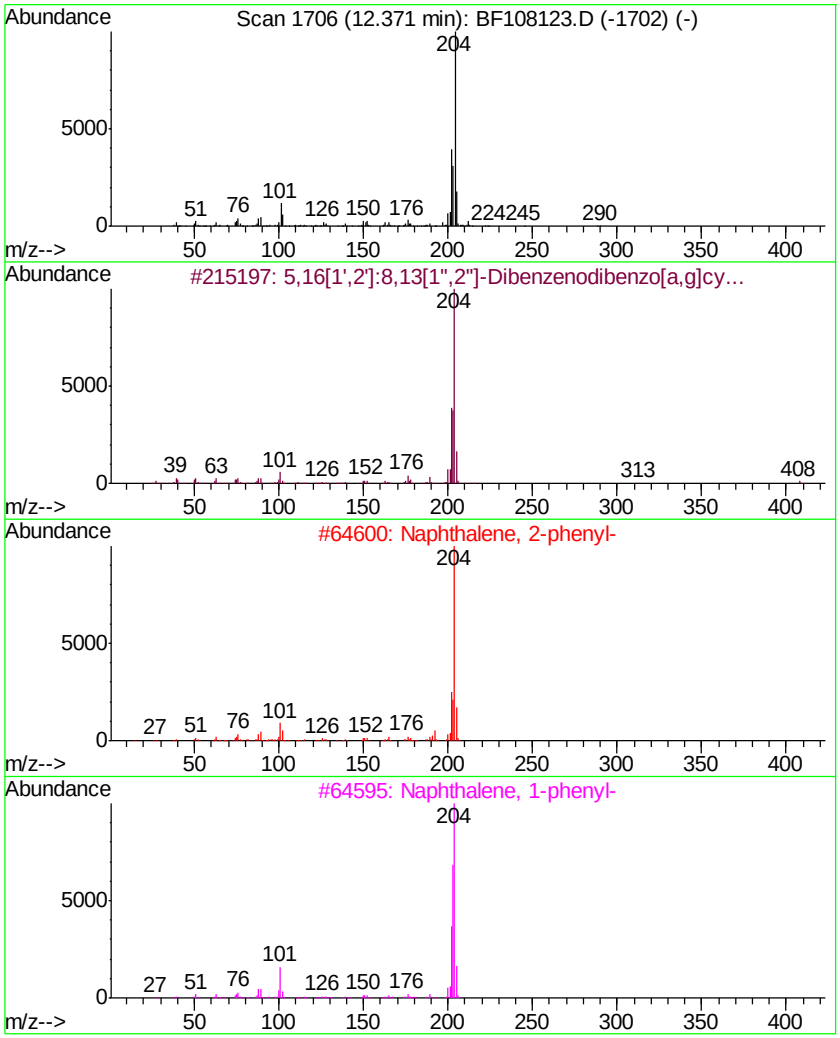
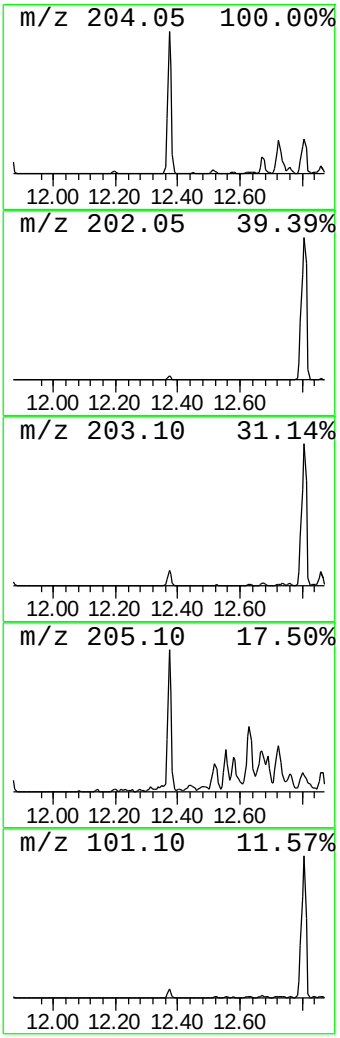
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	5.62 ng	536028	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55





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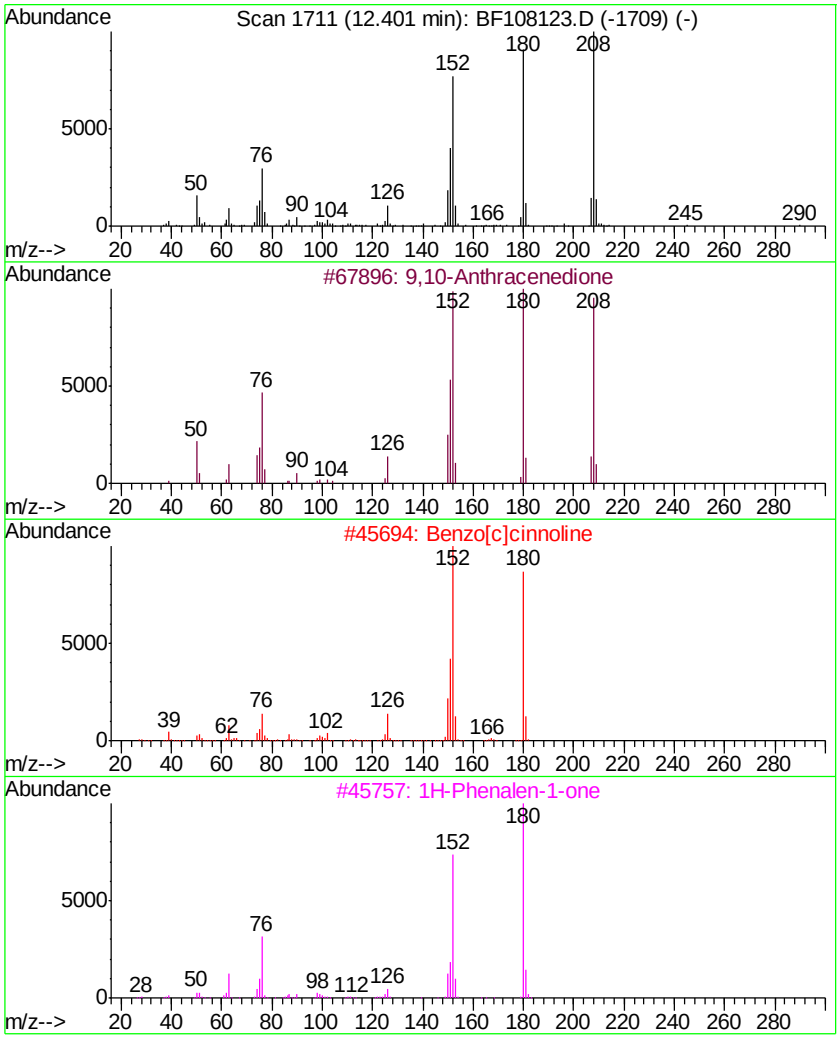
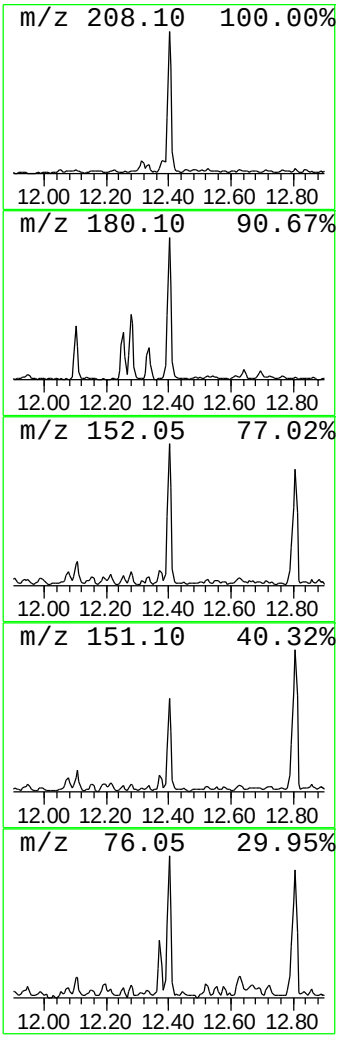
Peak Number 11 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.29 ng	313819	Phenanthrene-d10	11.58

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	96
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	38





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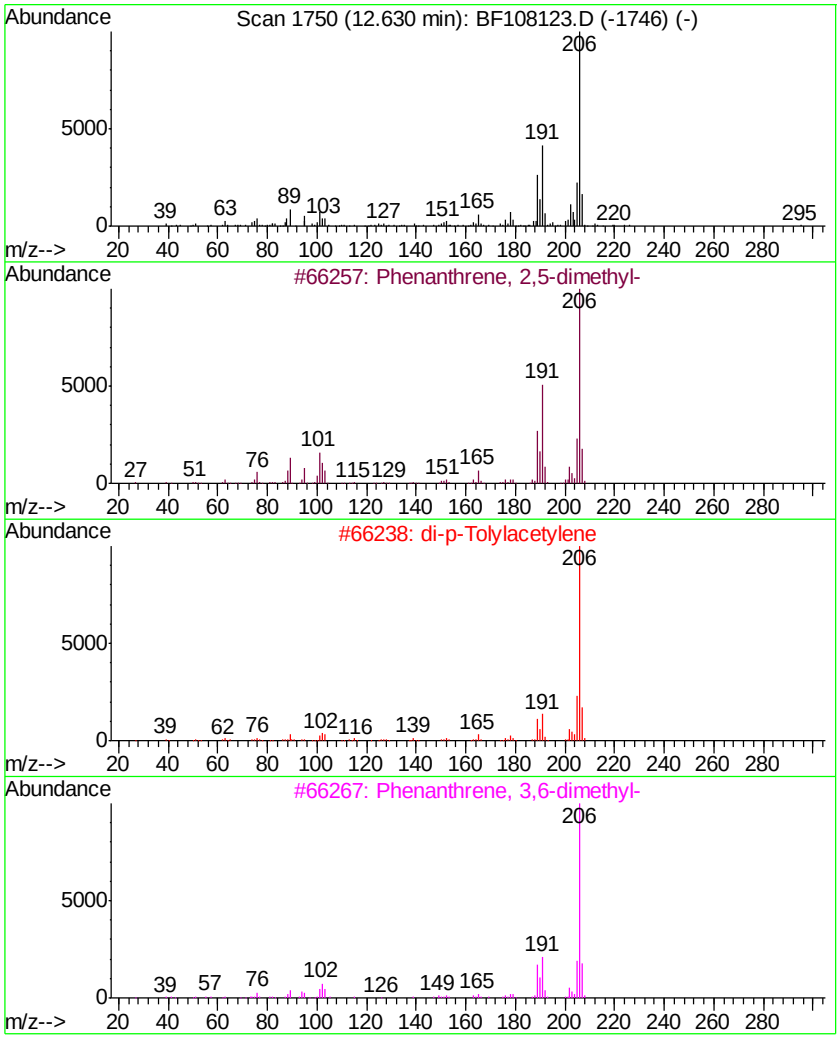
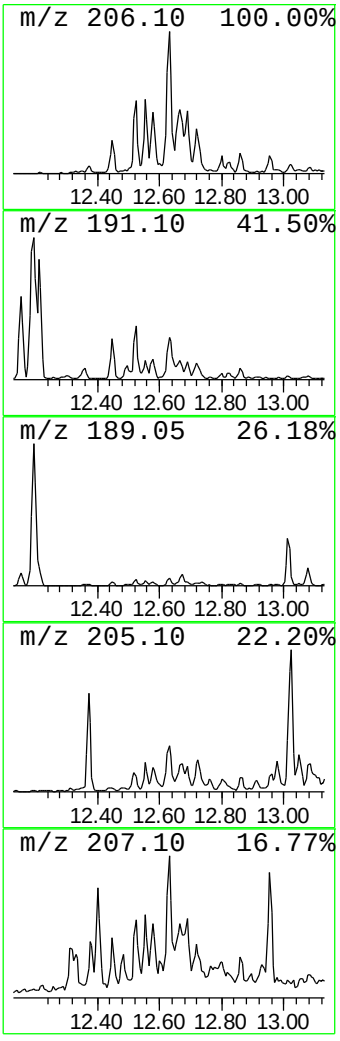
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.81 ng	363499	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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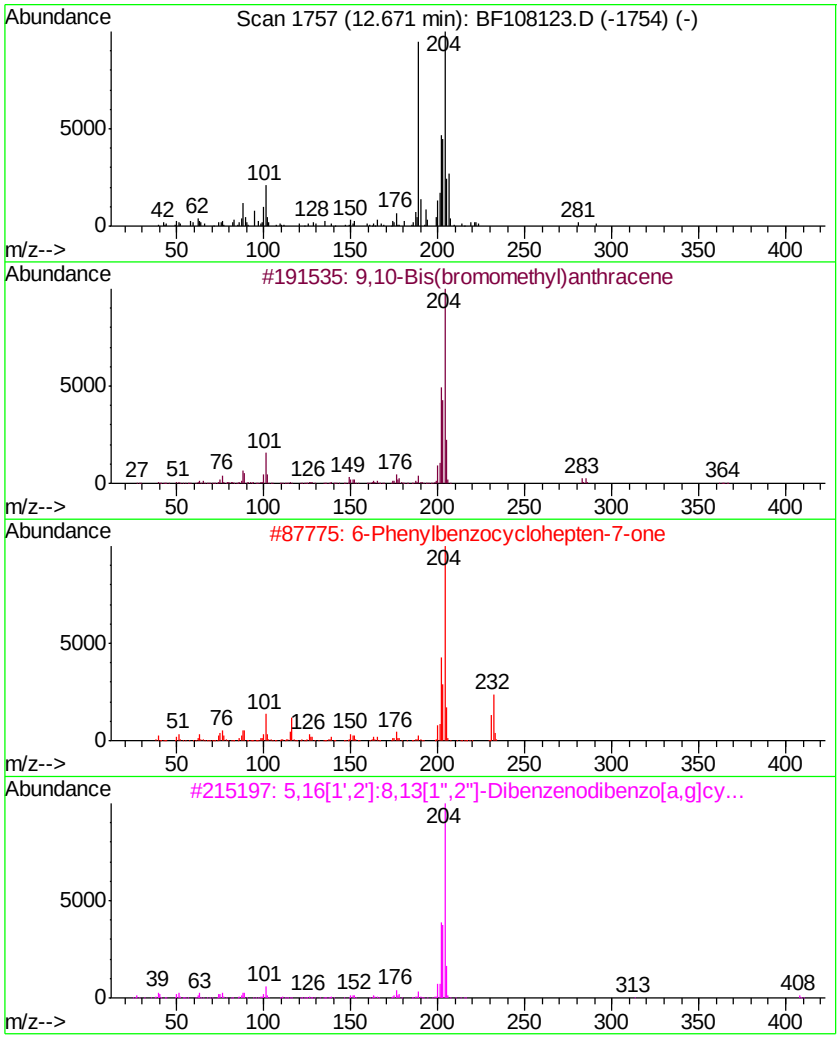
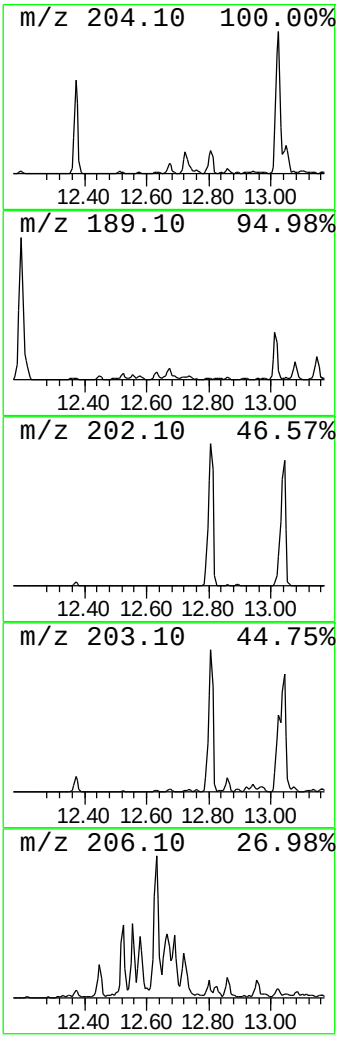
Peak Number 13 9,10-Bis(bromomethyl)anthra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.73 ng	260300	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	47
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38





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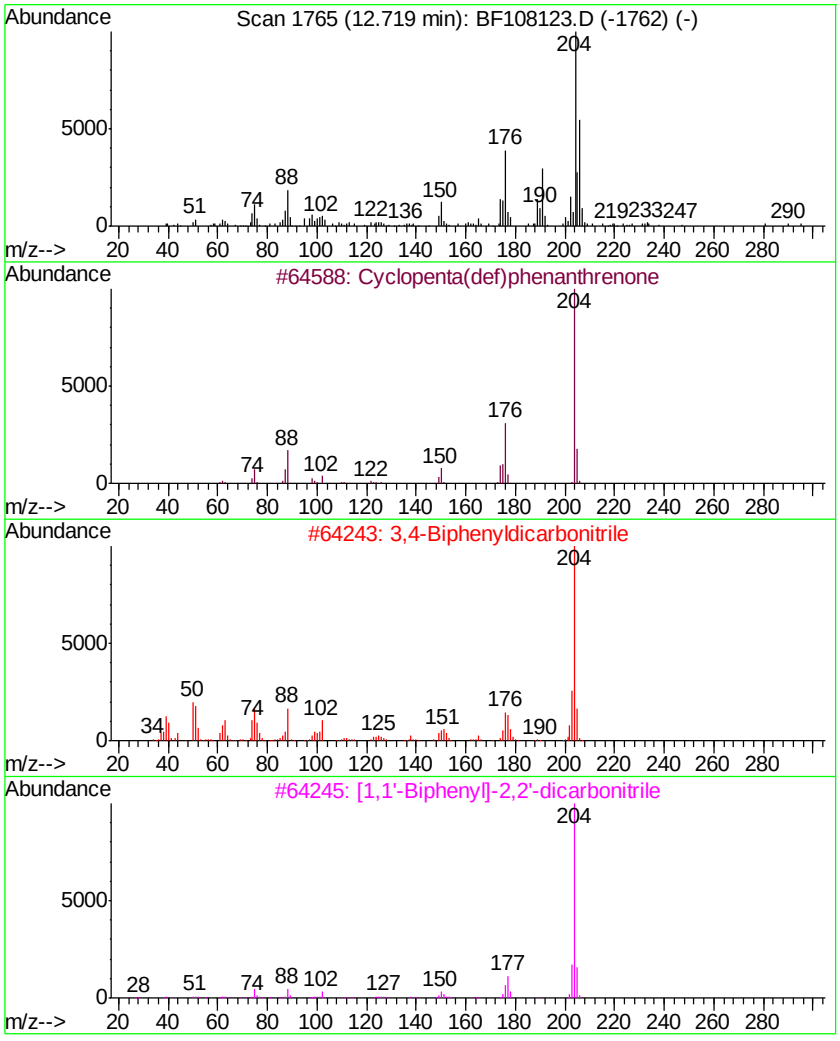
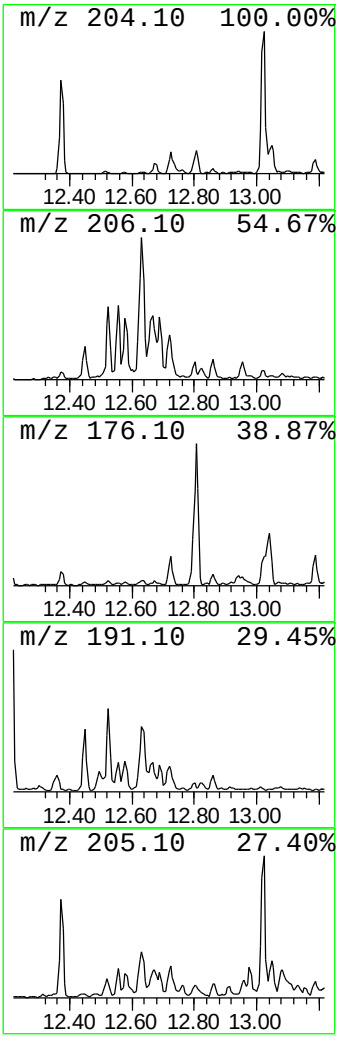
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.46 ng	234482	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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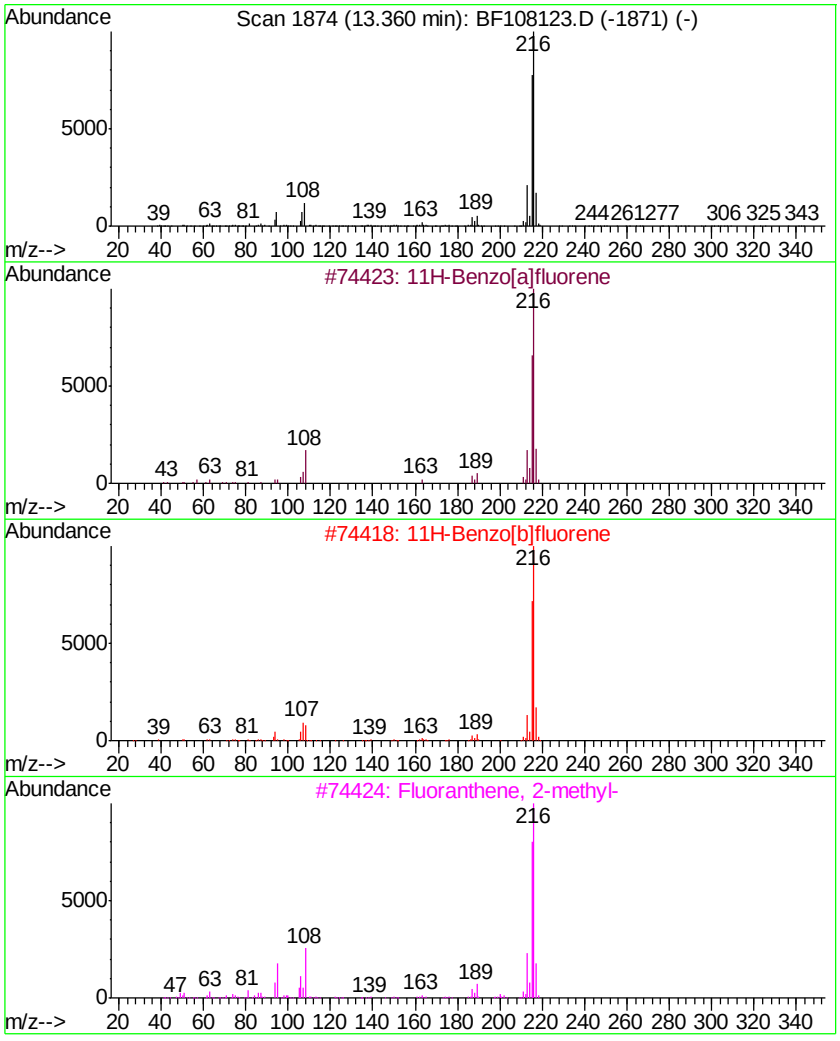
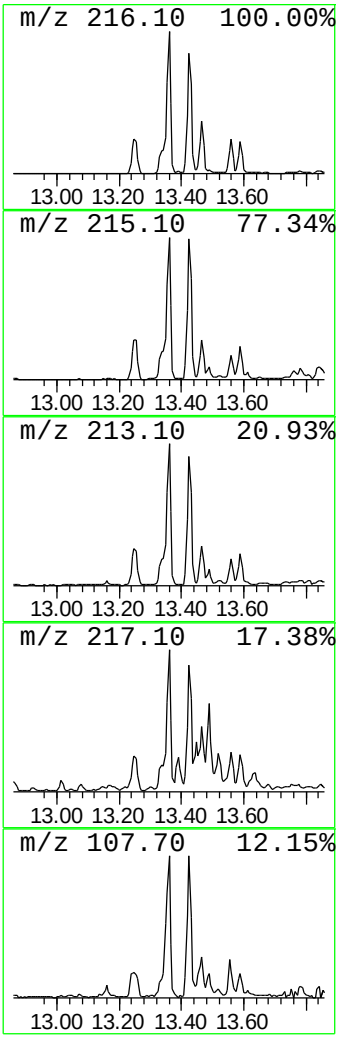
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	4.18 ng	1202050	Chrysene-d12	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





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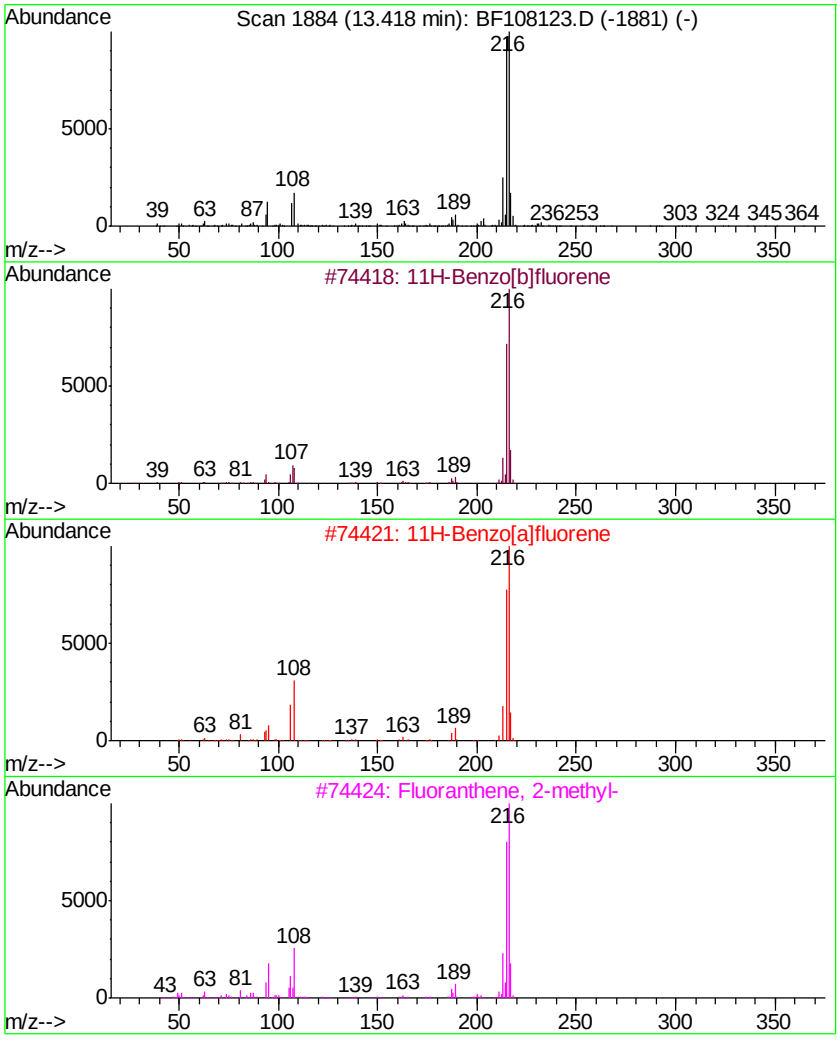
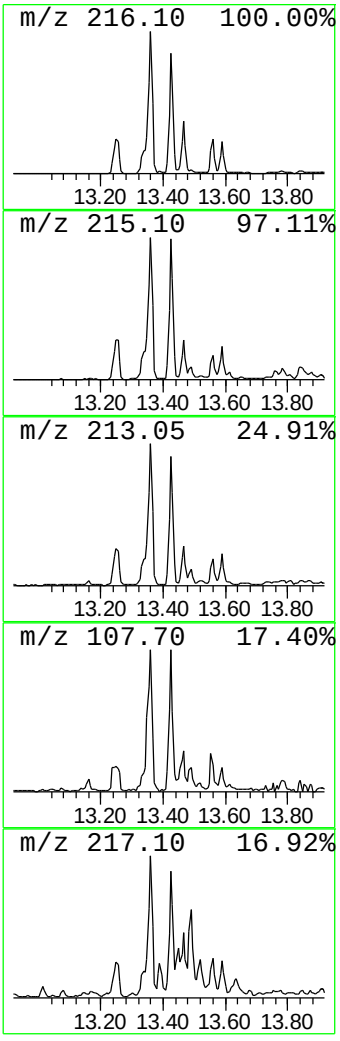
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	4.02 ng	1155740	Chrysene-d12	14.24

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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	52





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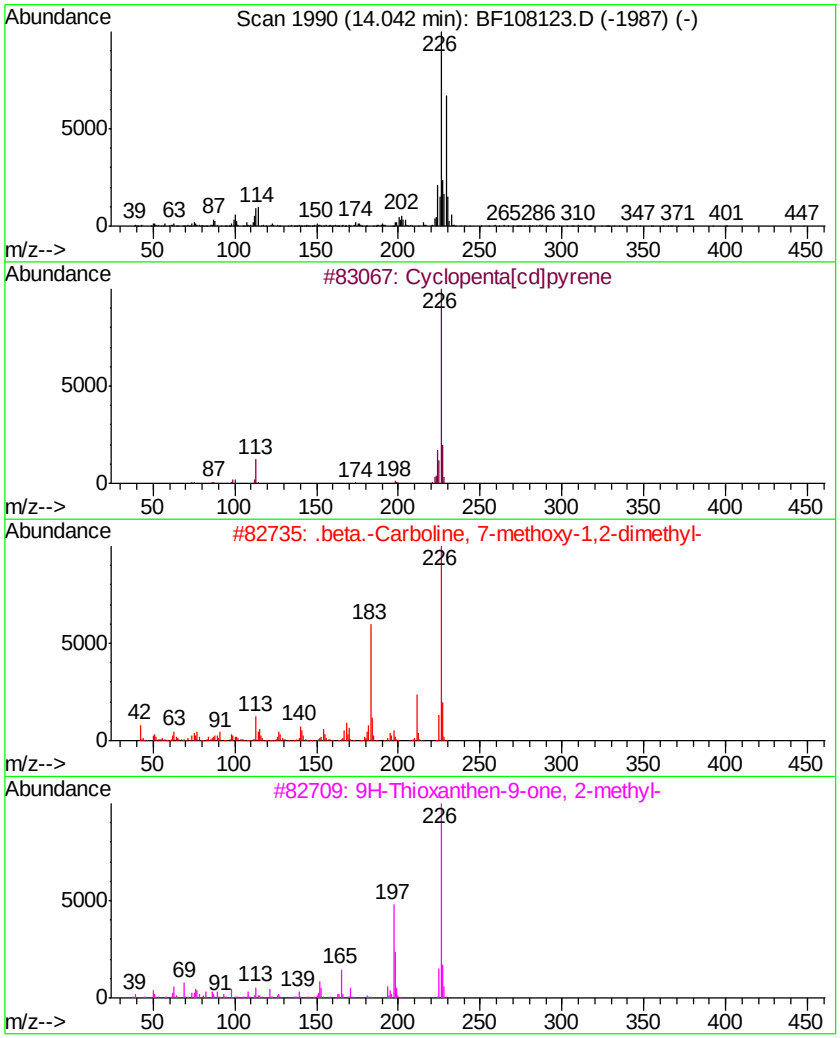
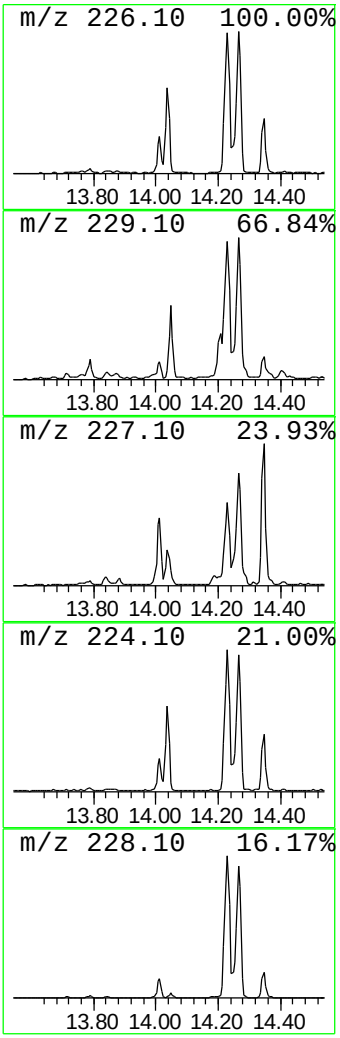
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.48 ng	711248	Chrysene-d12	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	40
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	36





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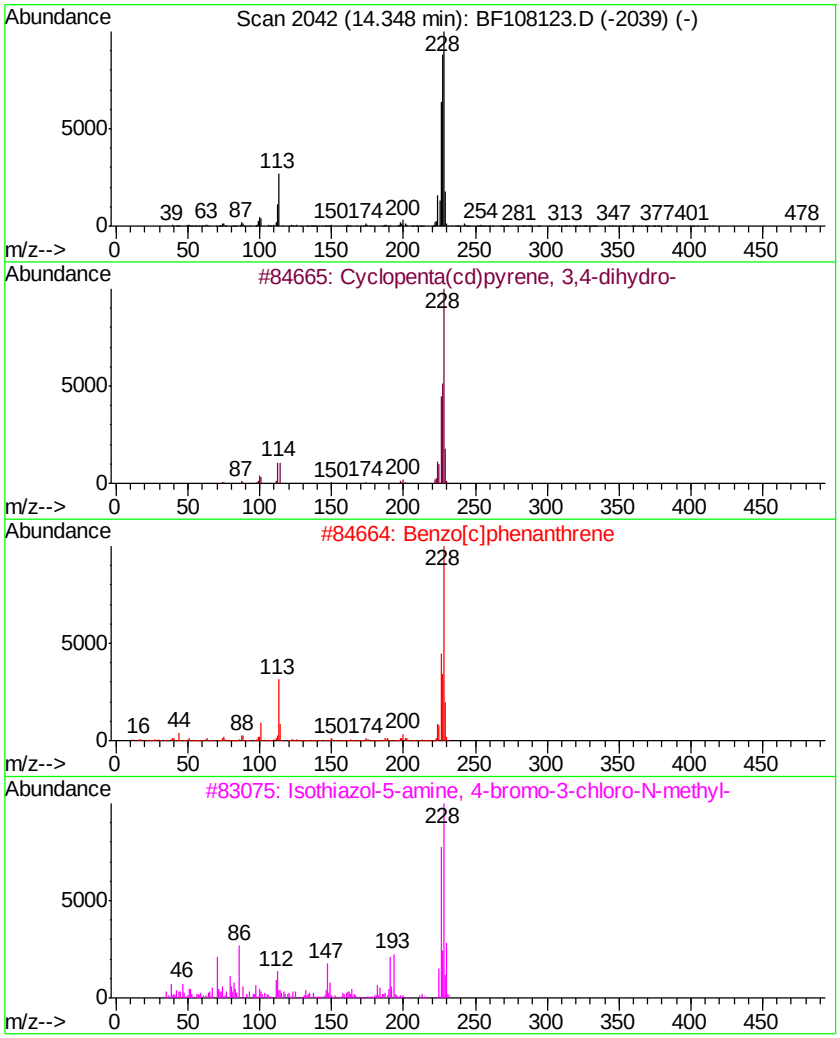
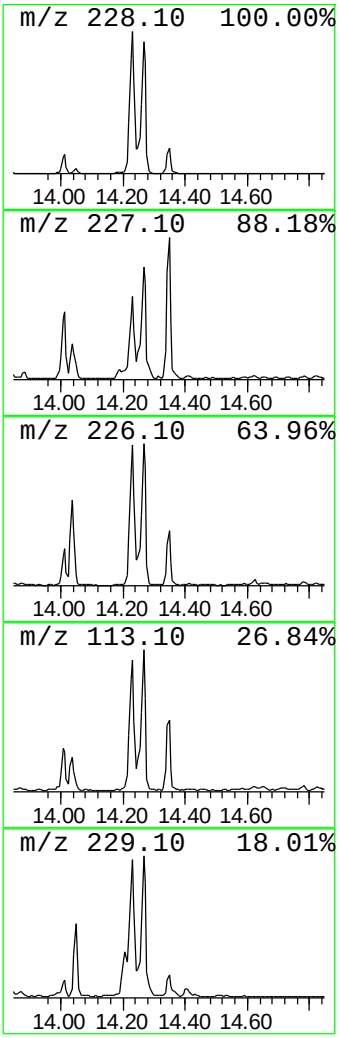
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.67 ng	767157	Chrysene-d12	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

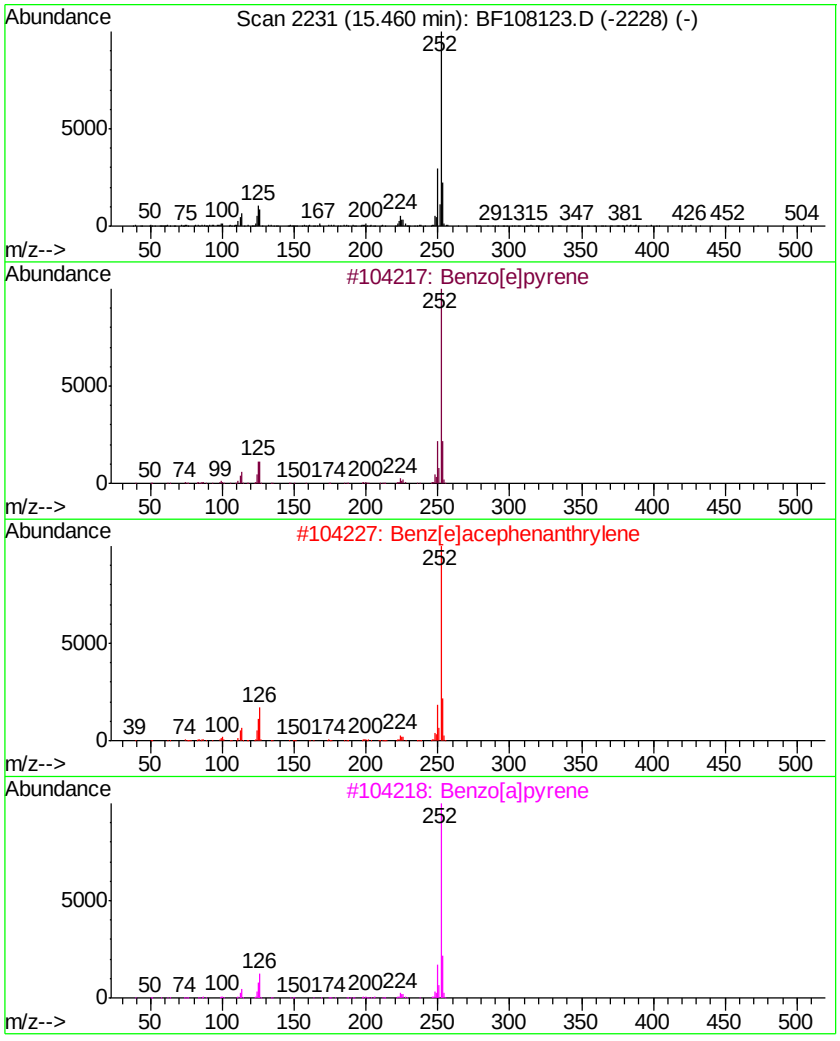
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

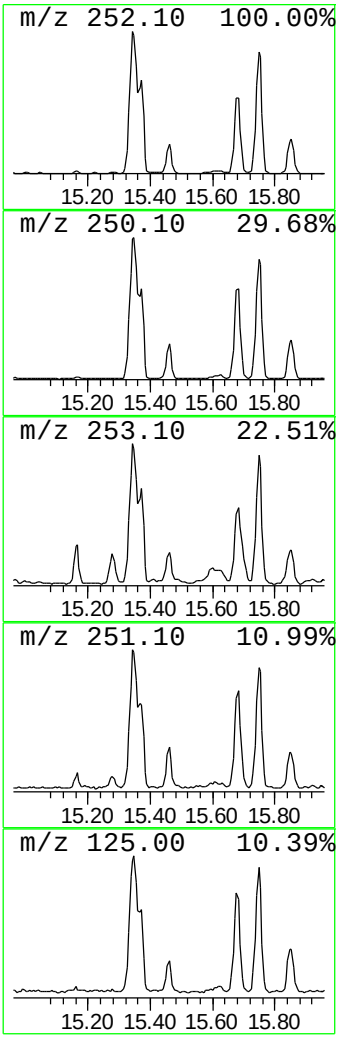
****

Peak Number 19 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	6.68 ng	345307	Perylene-d12	15.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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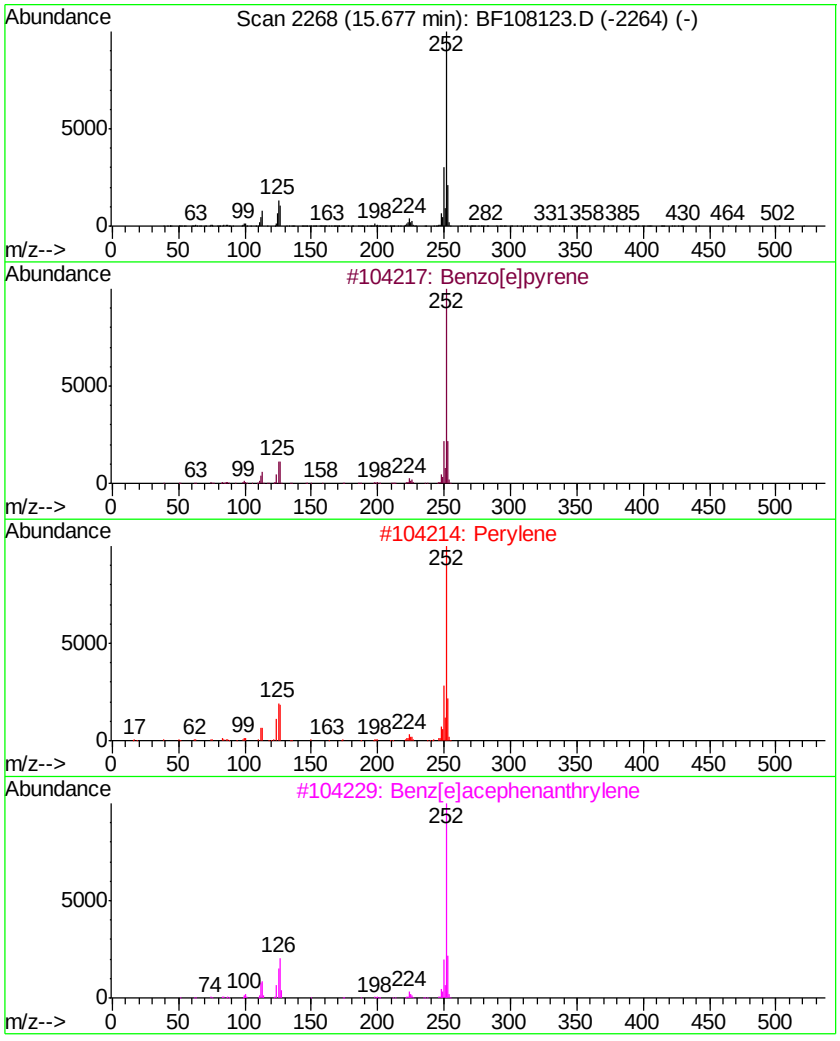
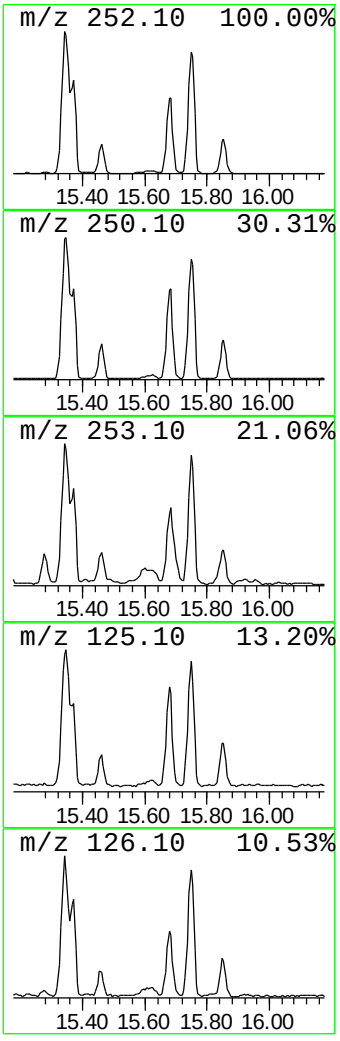
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	25.29 ng	1306800	Perylene-d12	15.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.79	6.79	6.0	ng	404535	1	7.02	1336260	20.0
Anthracene, 1,2,3...	11.43	2.6	ng	250725	4	11.58	1908010	20.0
Dibenzothiophene	11.47	5.3	ng	505121	4	11.58	1908010	20.0
Phenanthrene, 2-m...	12.08	7.0	ng	662833	4	11.58	1908010	20.0
Phenanthrene, 1-m...	12.11	9.5	ng	903095	4	11.58	1908010	20.0
Anthracene, 1-met...	12.15	3.8	ng	363021	4	11.58	1908010	20.0
4H-Cyclopenta[def...	12.20	15.7	ng	1497400	4	11.58	1908010	20.0
1H-Indene, 1-phenyl-	12.21	3.4	ng	325551	4	11.58	1908010	20.0
5,16[1',2']:8,13[...	12.37	5.6	ng	536028	4	11.58	1908010	20.0
9,10-Anthracenedione	12.40	3.3	ng	313819	4	11.58	1908010	20.0
Phenanthrene, 2,5...	12.63	3.8	ng	363499	4	11.58	1908010	20.0
9,10-Bis(bromomet...	12.67	2.7	ng	260300	4	11.58	1908010	20.0
Cyclopenta(def)ph...	12.72	2.5	ng	234482	4	11.58	1908010	20.0
11H-Benzo[a]fluorene	13.36	4.2	ng	1202050	5	14.24	5745410	20.0
11H-Benzo[b]fluorene	13.42	4.0	ng	1155740	5	14.24	5745410	20.0
Cyclopenta[cd]pyrene	14.04	2.5	ng	711248	5	14.24	5745410	20.0
Cyclopenta(cd)pyr...	14.35	2.7	ng	767157	5	14.24	5745410	20.0
Perylene	15.46	6.7	ng	345307	6	15.82	1033490	20.0
Benzo[j]fluoranthene	15.68	25.3	ng	1306800	6	15.82	1033490	20.0