LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
Data File : BF135324.D
Acq On : 19 Sep 2023 00:28
Operator : CG\JU
Sample : 04424-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-09132023

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135324.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	557	560	572	rBV	315266	324569	15.20%	1.467%
2	6.392	729	732	749	rBV	299186	335999	15.73%	1.519%
3	6.757	790	794	806	rBV	774706	639873	29.96%	2.893%
4	7.316	886	889	901	rBV	223680	203920	9.55%	0.922%
5	8.034	1006	1011	1014	rBV	972721	801297	37.52%	3.623%
6	8.057	1014	1015	1020	rVB	94924	52314	2.45%	0.237%
7	8.751	1130	1133	1136	rBV	51983	46979	2.20%	0.212%
8	8.845	1145	1149	1153	rBV	64664	56034	2.62%	0.253%
9	9.110	1191	1194	1199	rBV	416409	324857	15.21%	1.469%
10	9.380	1235	1240	1243	rBV	31172	42363	1.98%	0.192%
11	9.451	1248	1252	1254	rVV	63361	60428	2.83%	0.273%
12	9.475	1254	1256	1261	rVV	38642	38821	1.82%	0.176%
13	9.569	1265	1272	1280	rVB2	28387	38906	1.82%	0.176%
14	9.651	1283	1286	1291	rVB	81713	63638	2.98%	0.288%
15	9.792	1302	1310	1313	rBV	845606	722495	33.83%	3.266%
16	9.822	1313	1315	1319	rVB	151611	120912	5.66%	0.547%
17	9.998	1340	1345	1348	rVV2	95639	92524	4.33%	0.418%
18	10.033	1349	1351	1359	rVB	33836	36732	1.72%	0.166%
19	10.110	1359	1364	1367	rBV	28865	33234	1.56%	0.150%
20	10.339	1400	1403	1409	rVB	210341	181688	8.51%	0.821%
21	10.498	1428	1430	1434	rVB	51935	42015	1.97%	0.190%
22	10.580	1439	1444	1448	rBV	200485	196534	9.20%	0.889%
23	10.710	1462	1466	1473	rVB4	33556	51065	2.39%	0.231%
24	10.892	1490	1497	1499	rBV2	57987	71742	3.36%	0.324%
25	10.916	1499	1501	1504	rVB2	28121	25916	1.21%	0.117%
26	10.975	1509	1511	1514	rVB2	27987	21435	1.00%	0.097%
27	11.133	1534	1538	1543	rBV3	31189	51789	2.43%	0.234%
28	11.180	1543	1546	1551	rVB	103923	97365	4.56%	0.440%
29	11.286	1560	1564	1565	rBV	634031	607590	28.45%	2.747%
30	11.310	1565	1568	1571	rVV	1256792	1066677	49.95%	4.823%
31	11.357	1573	1576	1580	rVV	372126	333992	15.64%	1.510%
32	11.398	1580	1583	1586	rVB2	24893	29774	1.39%	0.135%
33	11.522	1600	1604	1611	rBV2	51327	78093	3.66%	0.353%
34	11.580	1611	1614	1617	rVV	62694	50444	2.36%	0.228%
35	11.616	1617	1620	1625	rVB2	48510	53080	2.49%	0.240%
36	11.698	1632	1634	1639	rVB	35947	39211	1.84%	0.177%

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-09132023

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.786	1646	1649	1652	rBV	185711	169408	7.93%	0.766%
38	11.816	1652	1654	1658	rVB	266899	213878	10.02%	0.967%
39	11.863	1658	1662	1665	rBV	129486	104514	4.89%	0.473%
40	11.898	1665	1668	1671	rVV	389660	410448	19.22%	1.856%
41	11.921	1671	1672	1678	rVB	145326	96811	4.53%	0.438%
42	12.086	1697	1700	1703	rBV	139586	121168	5.67%	0.548%
43	12.116	1703	1705	1709	rVB	63316	54994	2.58%	0.249%
44	12.233	1723	1725	1728	rVB	40417	33955	1.59%	0.154%
45	12.269	1728	1731	1733	rBV	41705	41117	1.93%	0.186%
46	12.292	1733	1735	1738	rVB	41469	33150	1.55%	0.150%
47	12.339	1740	1743	1746	rBV	132207	132897	6.22%	0.601%
48	12.380	1746	1750	1755	rVB2	97960	149292	6.99%	0.675%
49	12.427	1755	1758	1763	rBV2	102960	128203	6.00%	0.580%
50	12.504	1767	1771	1775	rBV	2068047	1928130	90.29%	8.717%
51	12.551	1776	1779	1780	rVV	35317	28093	1.32%	0.127%
52	12.569	1780	1782	1785	rVB2	44057	35056	1.64%	0.158%
53	12.598	1785	1787	1790	rVB	39875	35105	1.64%	0.159%
54	12.651	1790	1796	1800	rBV2	107438	150842	7.06%	0.682%
55	12.739	1804	1811	1816	rBV	1760196	2135542	100.00%	9.655%
56	12.786	1816	1819	1823	rVB2	85567	100001	4.68%	0.452%
57	12.857	1827	1831	1832	rBV	110324	108249	5.07%	0.489%
58	12.874	1832	1834	1841	rVB2	282967	328638	15.39%	1.486%
59	12.957	1842	1848	1851	rBV2	134757	229350	10.74%	1.037%
60	13.010	1855	1857	1859	rVV2	24796	25019	1.17%	0.113%
61	13.039	1859	1862	1864	rVV4	115855	156522	7.33%	0.708%
62	13.063	1864	1866	1869	rVB	311648	278899	13.06%	1.261%
63	13.127	1874	1877	1880	rVB	234696	216946	10.16%	0.981%
64	13.168	1880	1884	1888	rBV2	225327	245369	11.49%	1.109%
65	13.227	1892	1894	1896	rVB	32337	22691	1.06%	0.103%
66	13.263	1897	1900	1902	rVB	102079	89000	4.17%	0.402%
67	13.292	1902	1905	1909	rBV	121014	119556	5.60%	0.541%
68	13.492	1937	1939	1941	rVB2	41034	30519	1.43%	0.138%
69	13.551	1946	1949	1951	rBV2	55389	55054	2.58%	0.249%
70	13.580	1951	1954	1958	rVB	89594	97677	4.57%	0.442%
71	13.686	1969	1972	1975	rBV	169702	158250	7.41%	0.715%
72	13.716	1975	1977	1979	rVV	173823	139926	6.55%	0.633%
73	13.739	1979	1981	1983	rVV	151032	146458	6.86%	0.662%
74	13.786	1987	1989	1993	rVB	97180	98870	4.63%	0.447%
75	13.857	1999	2001	2007	rVB	51845	61614	2.89%	0.279%
76	13.933	2008	2014	2018	rBV2	1158266	1782813	83.48%	8.060%

LSC Area Percent Report

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Operator : CG\JU
Sample : 04424-01 10X
Misc :
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ClientSampleId :
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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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.968	2018	2020	2023	rVB	866876	678094	31.75%	3.066%
78	14.045	2031	2033	2036	rVB	180022	143672	6.73%	0.650%
79	14.092	2039	2041	2043	rBV2	56790	56867	2.66%	0.257%
80	14.292	2073	2075	2077	rBV2	52616	46131	2.16%	0.209%
81	14.333	2079	2082	2085	rVV	170250	164362	7.70%	0.743%
82	14.363	2085	2087	2090	rVB	81494	69794	3.27%	0.316%
83	14.457	2100	2103	2105	rBV	93651	88368	4.14%	0.400%
84	14.986	2188	2193	2196	rBV	606188	985932	46.17%	4.457%
85	15.092	2208	2211	2214	rVB	103533	106439	4.98%	0.481%
86	15.280	2240	2243	2249	rVB	321727	423465	19.83%	1.915%
87	15.345	2250	2254	2260	rVV	503081	635232	29.75%	2.872%
88	15.410	2261	2265	2268	rVV	367801	464672	21.76%	2.101%
89	15.439	2268	2270	2278	rVB2	154504	200010	9.37%	0.904%
90	16.880	2511	2515	2525	rVB2	171295	335934	15.73%	1.519%
91	17.327	2587	2591	2599	rVB2	101366	191221	8.95%	0.865%

Sum of corrected areas: 22118522

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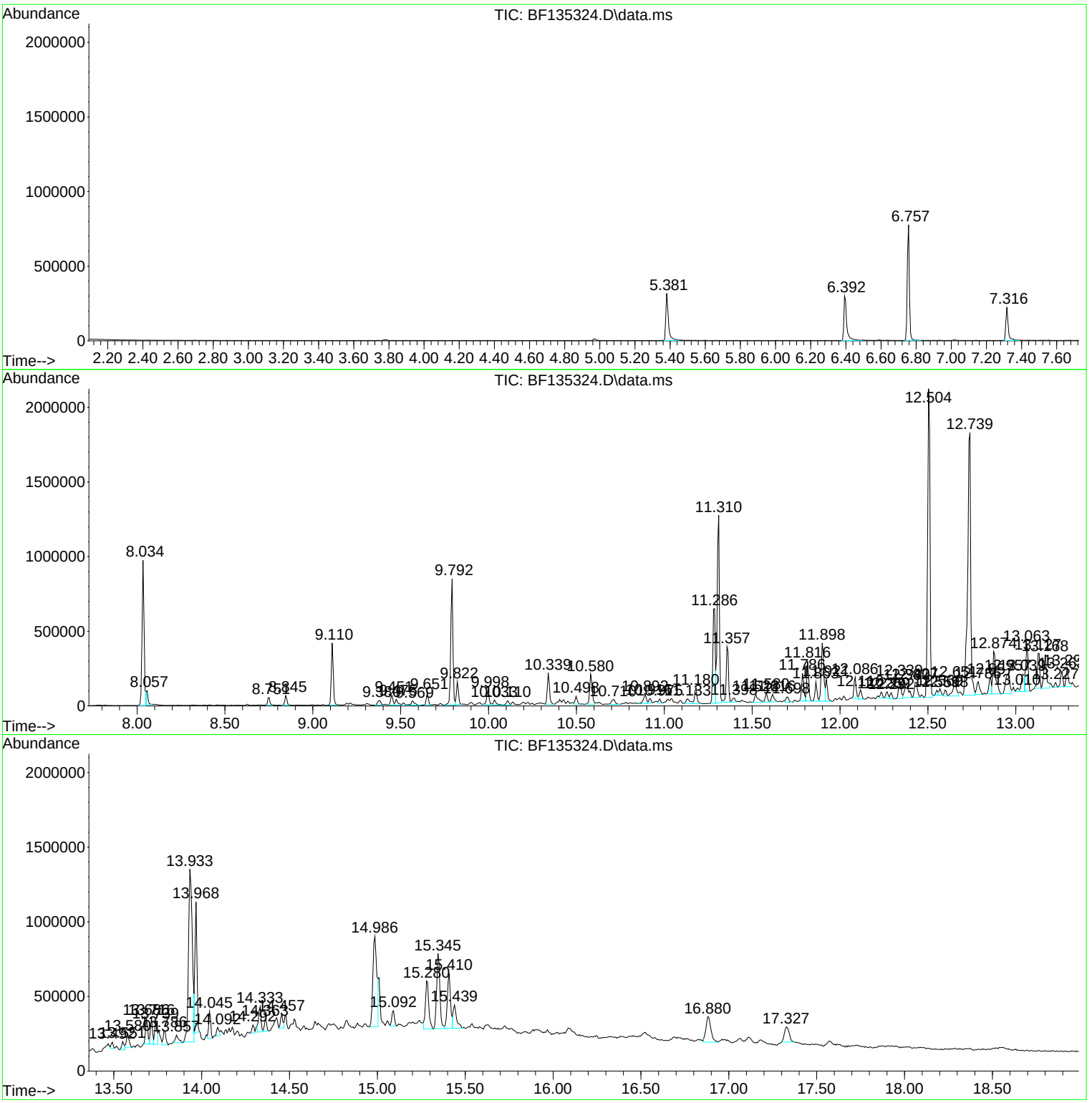
Instrument :
BNA_F
ClientSampleId :
SU-03-09132023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

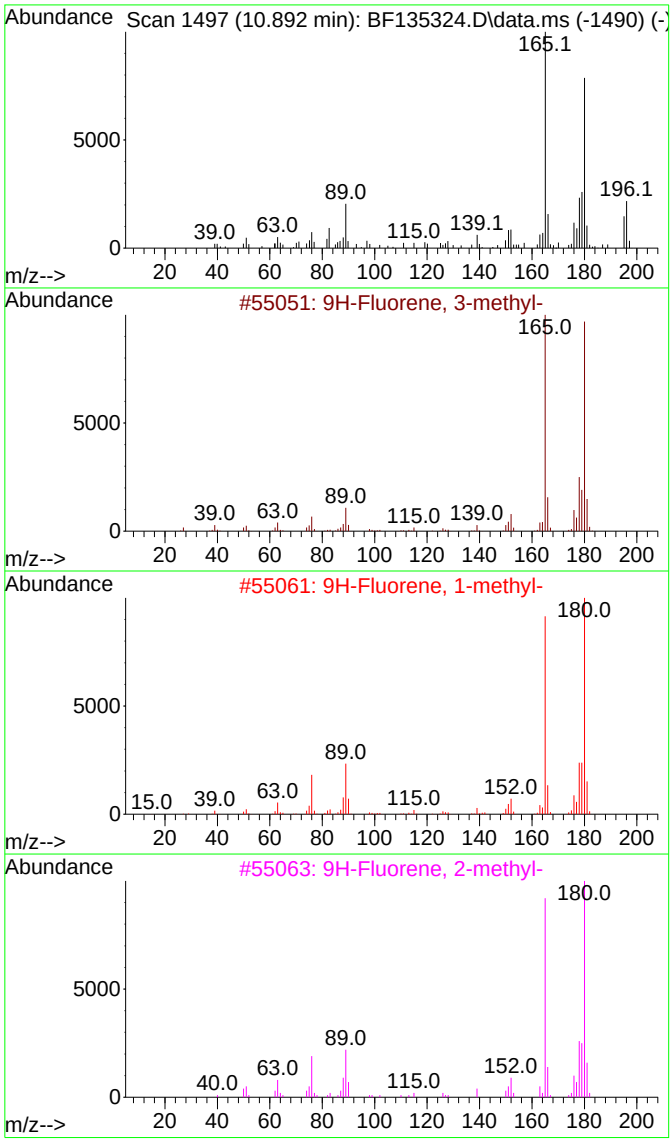
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

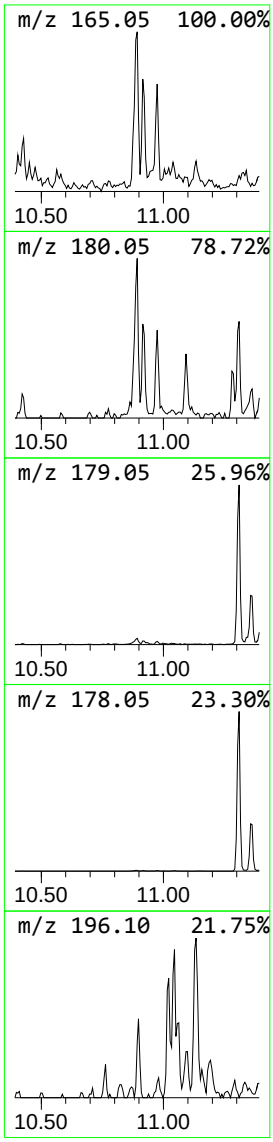
****

Peak Number 1 9H-Fluorene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.892	2.36 ng	71742	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
4	(E)-Stilbene	180	C14H12	000103-30-0	76
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
Data File : BF135324.D
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Sample : 04424-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-09132023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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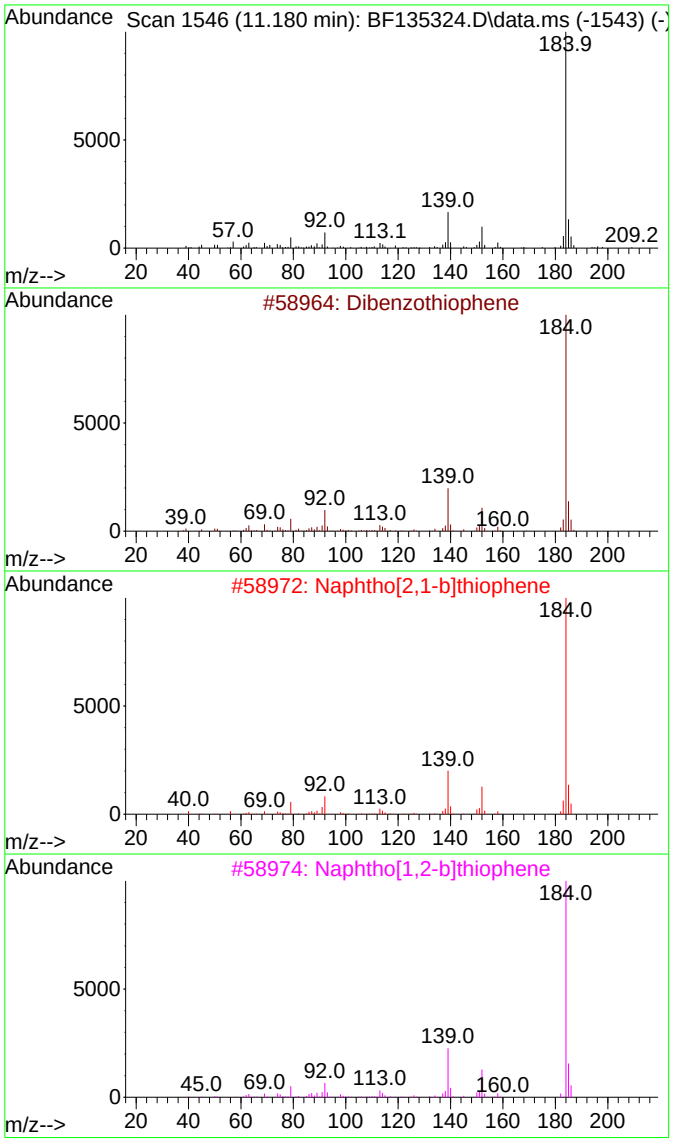
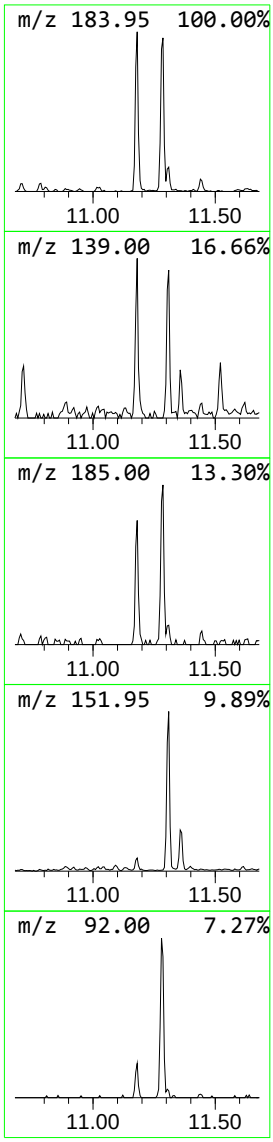
Peak Number 2 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	3.20 ng	97365	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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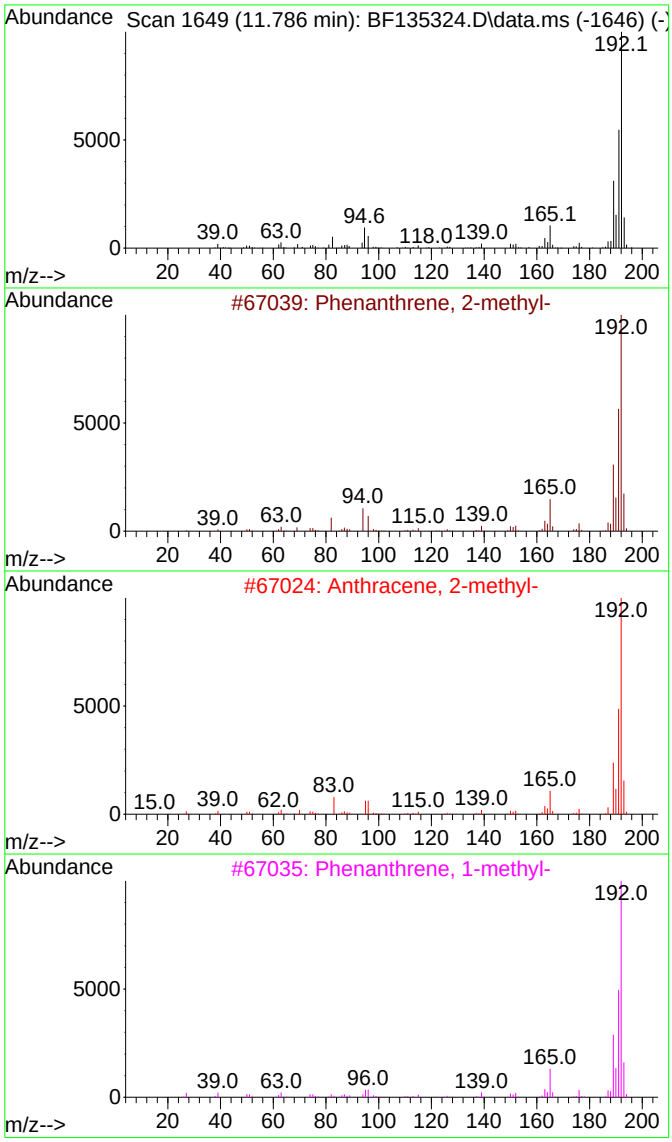
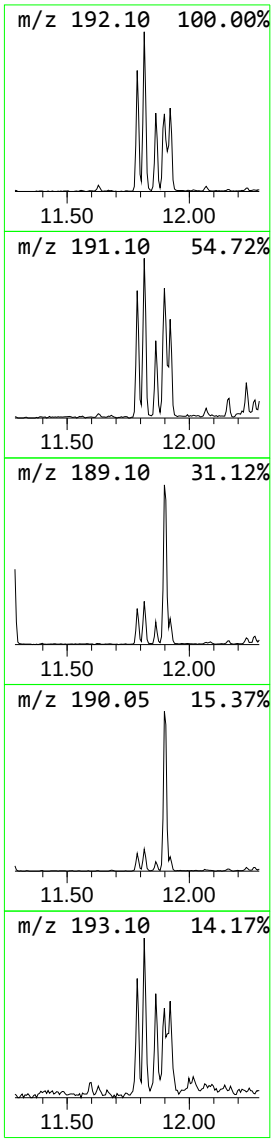
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	5.58 ng	169408	Phenanthrene-d10	11.286

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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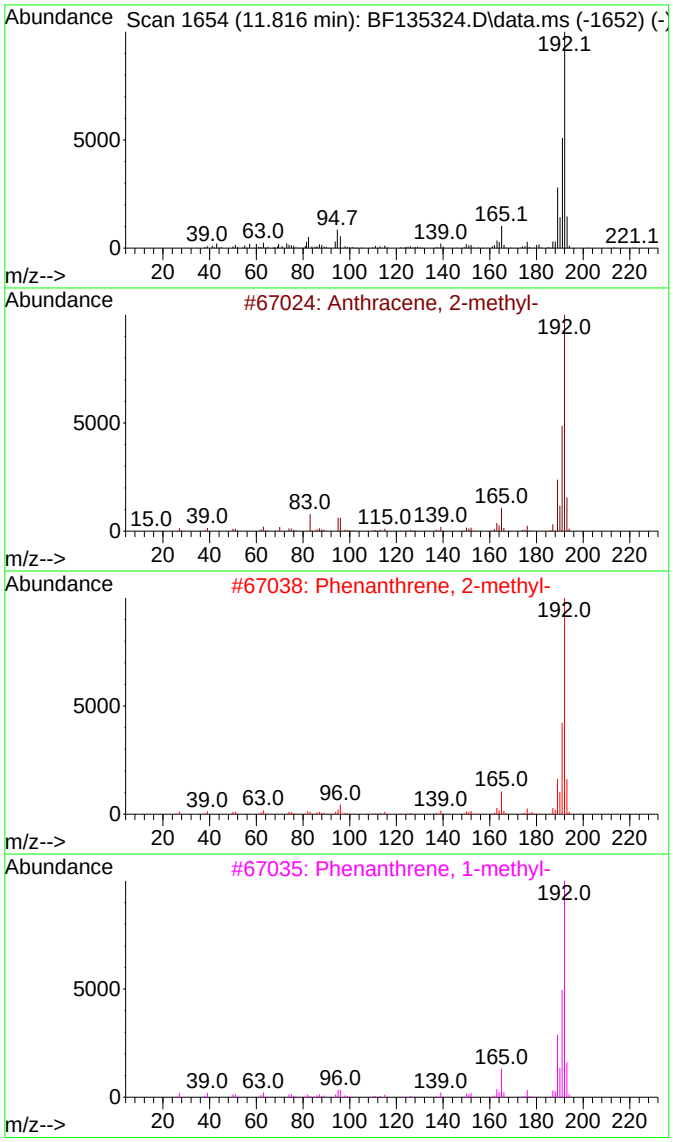
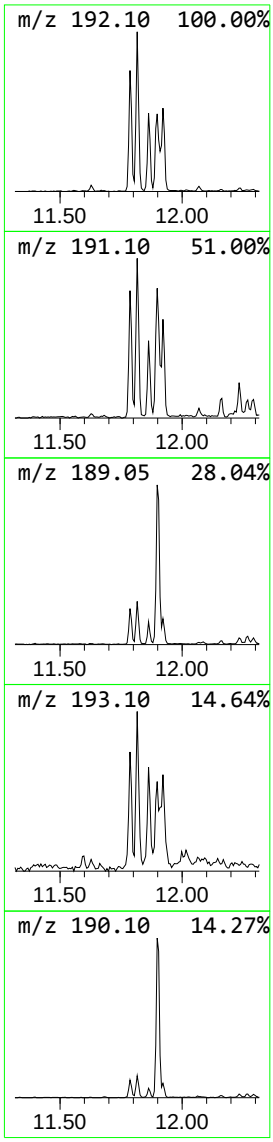
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	7.04 ng	213878	Phenanthrene-d10	11.286

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Acq On : 19 Sep 2023 00:28
Operator : CG\JU
Sample : 04424-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-09132023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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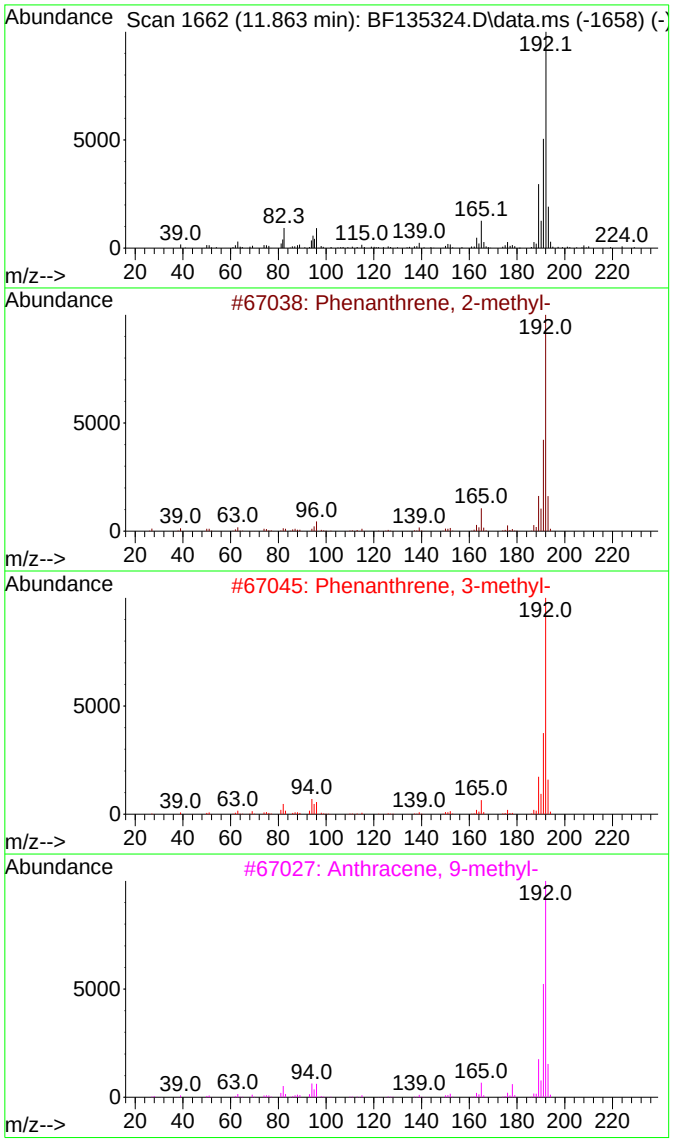
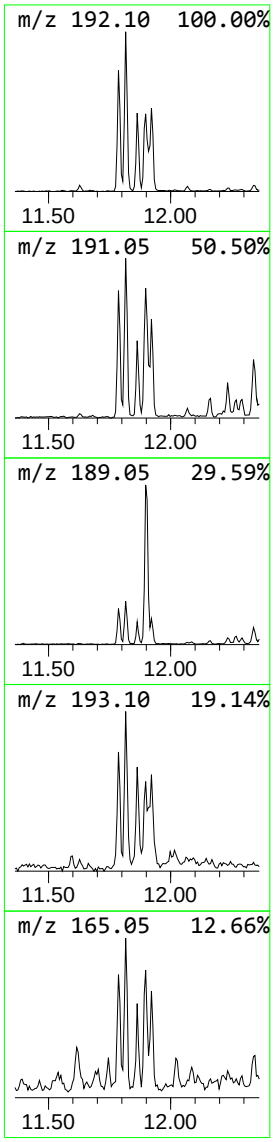
Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	3.44 ng	104514	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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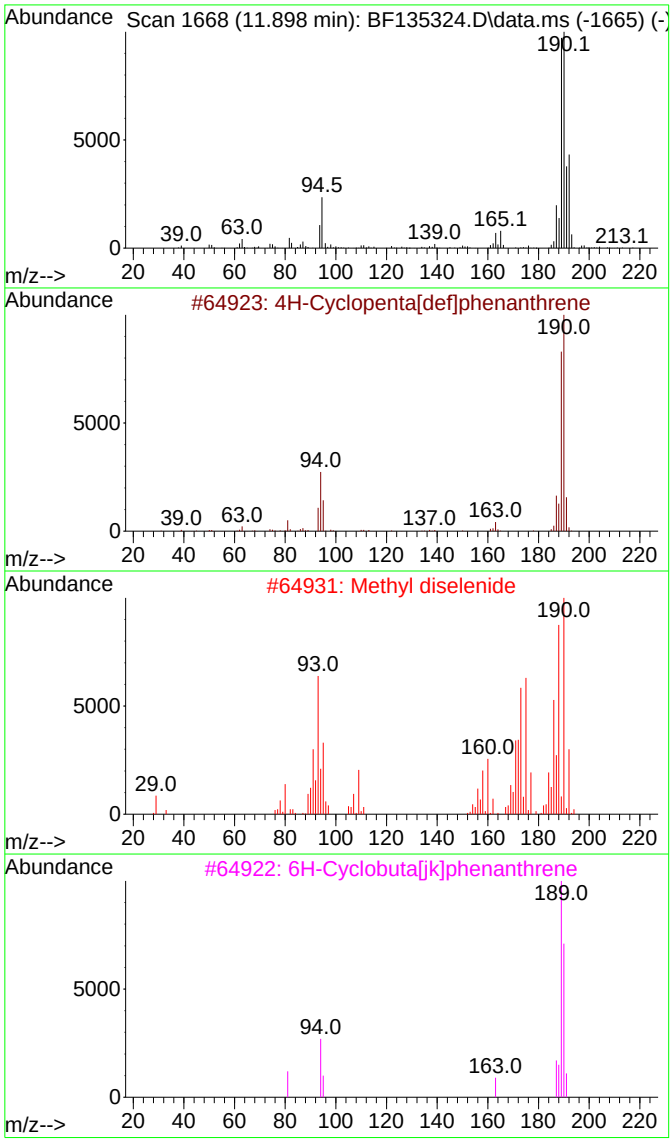
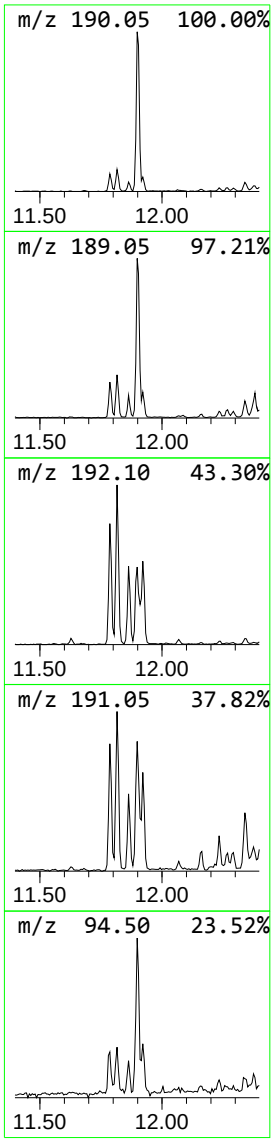
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	13.51 ng	410448	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Methyl diselenide	190	C2H6Se2	007101-31-7	46
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32





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Operator : CG\JU
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Misc :
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ClientSampleId :
SU-03-09132023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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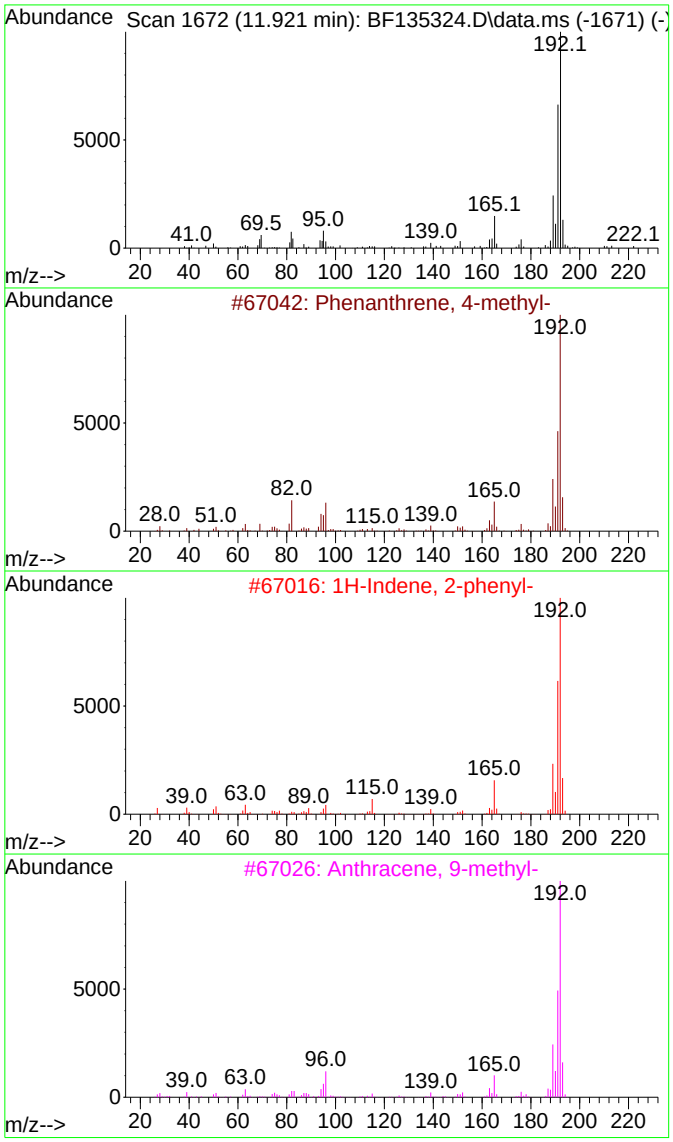
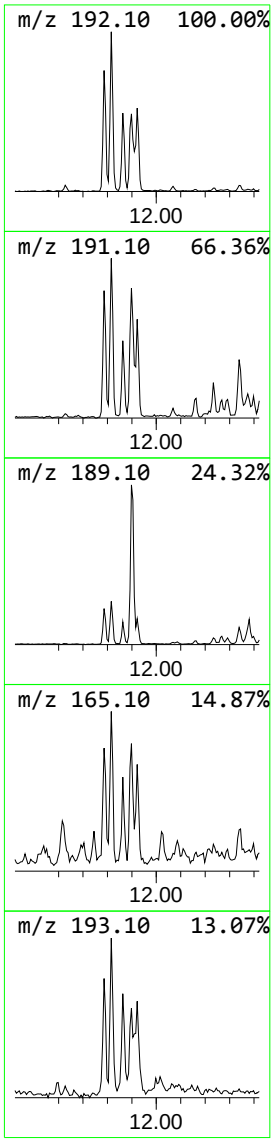
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	3.19 ng	96811	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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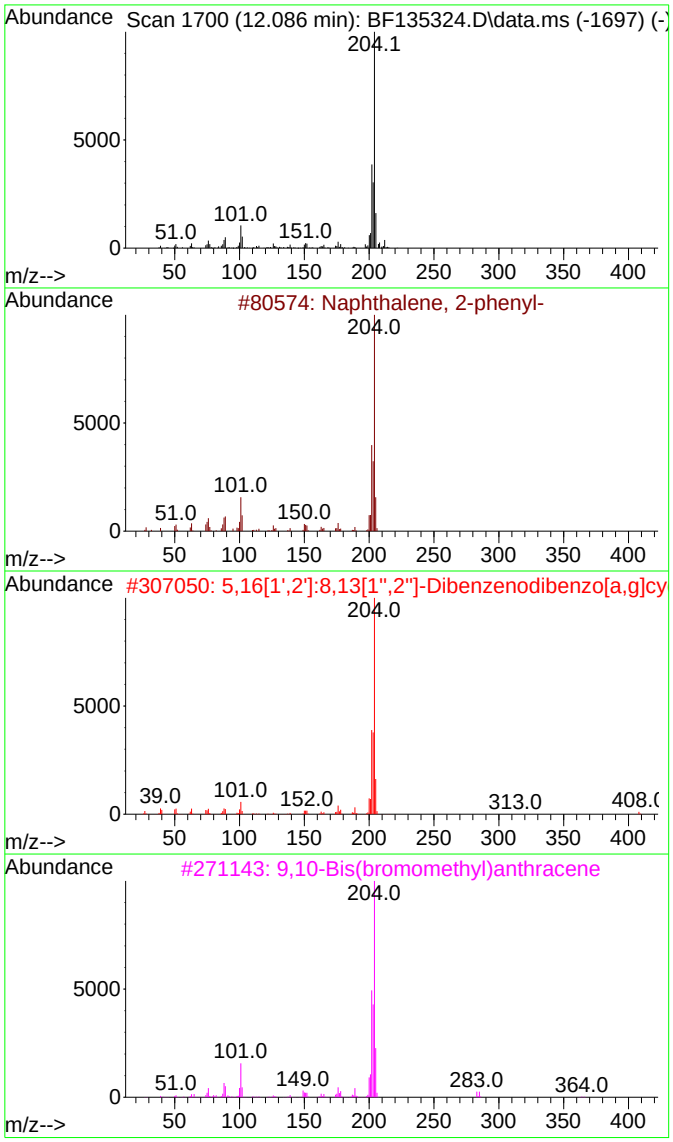
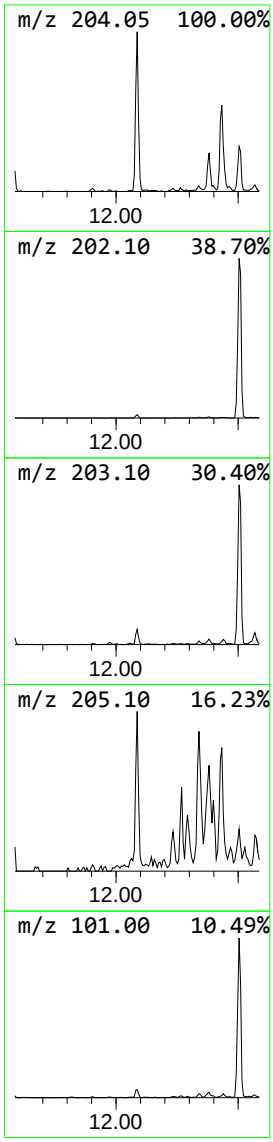
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	3.99 ng	121168	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52





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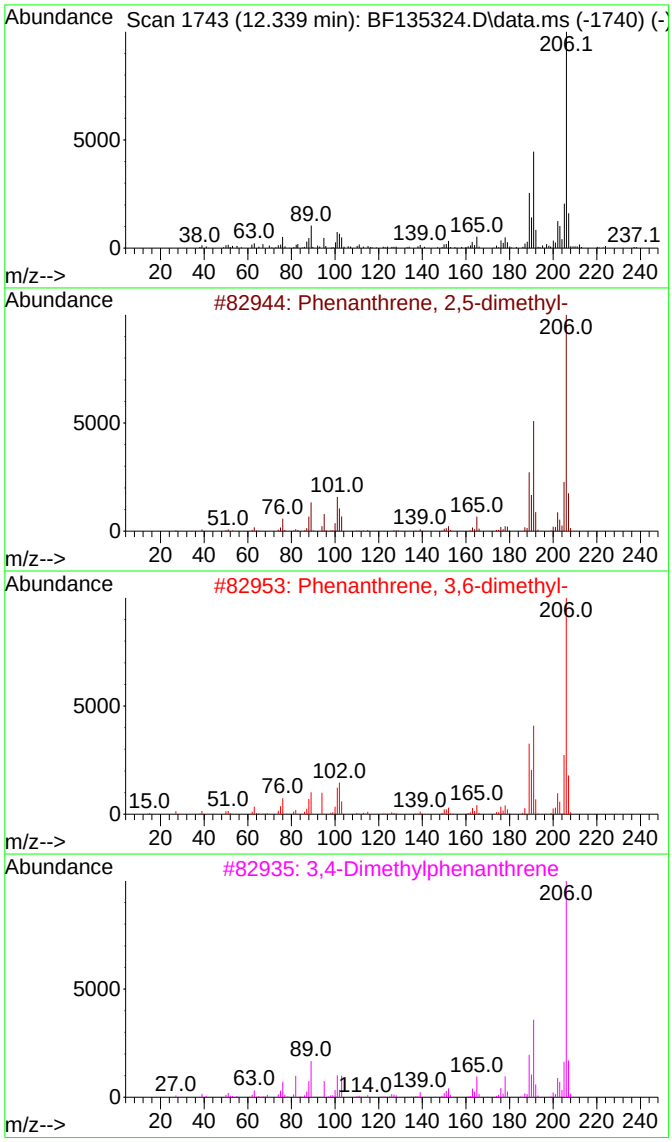
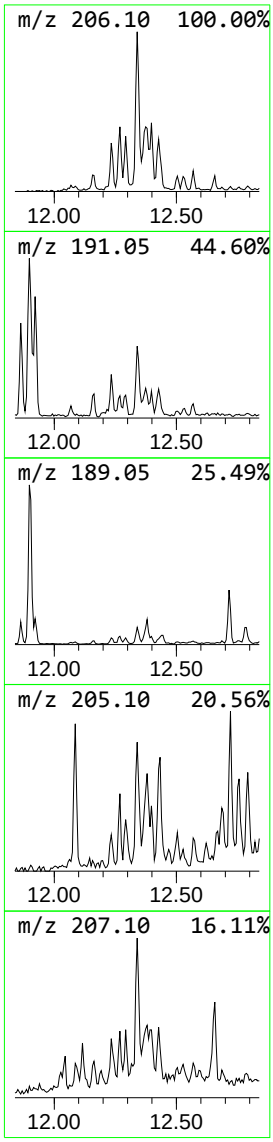
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	4.37 ng	132897	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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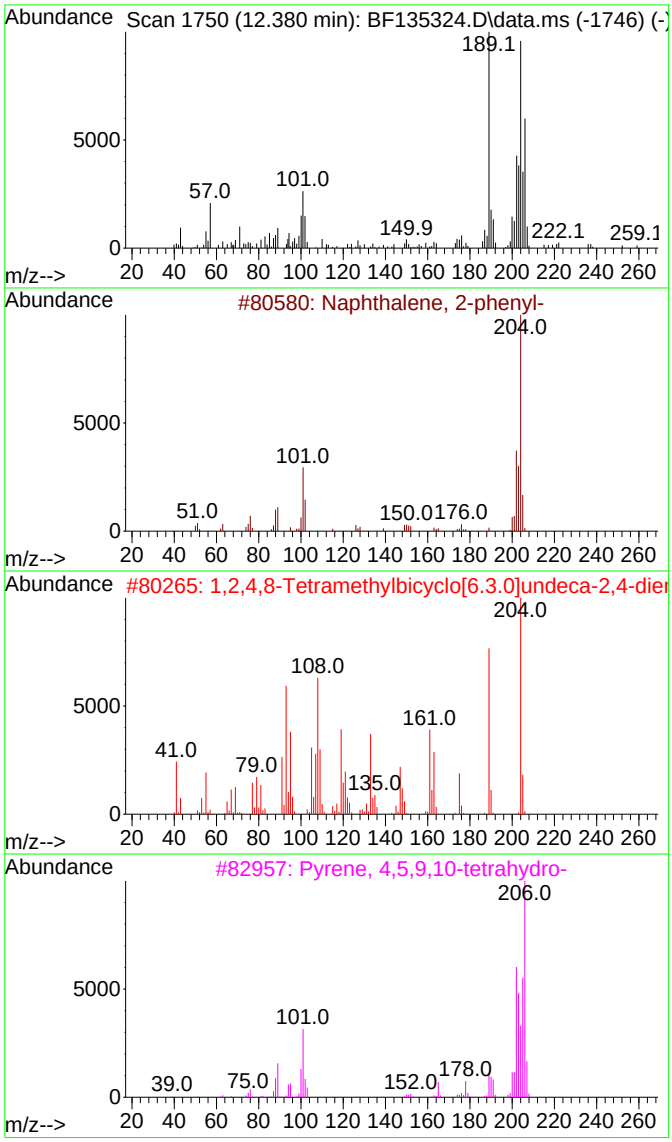
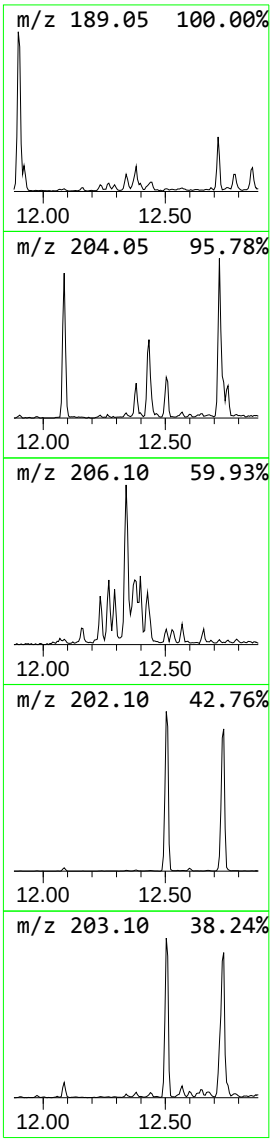
Peak Number 11 unknown12.380 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	4.91 ng	149292	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	25
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	25
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	25





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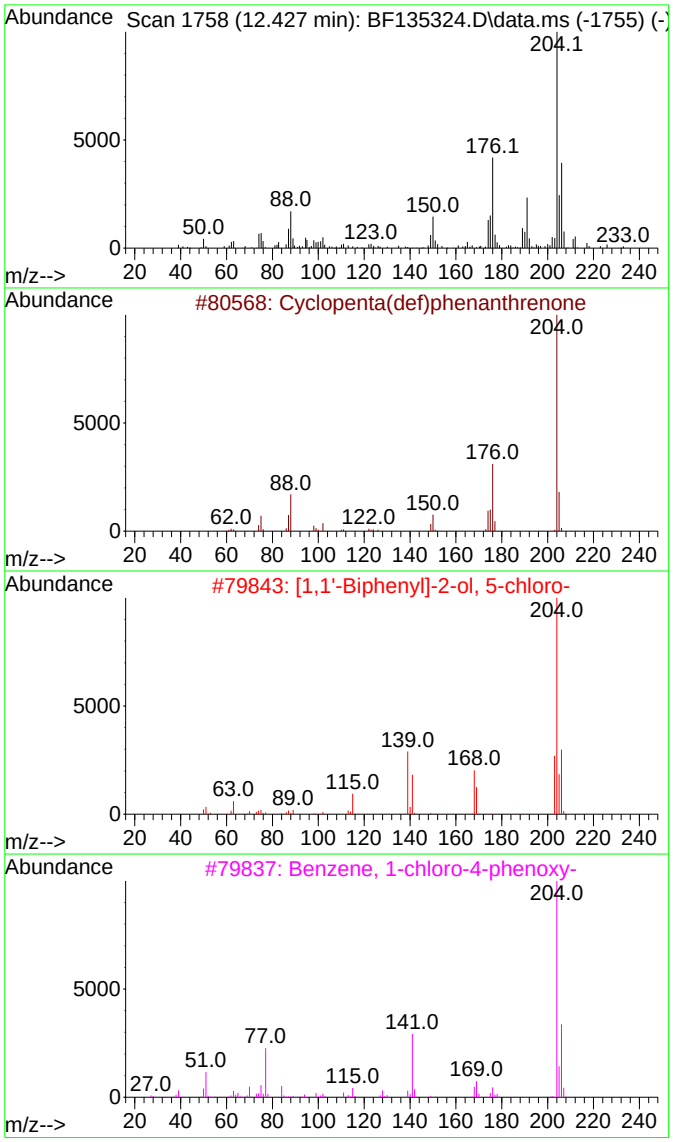
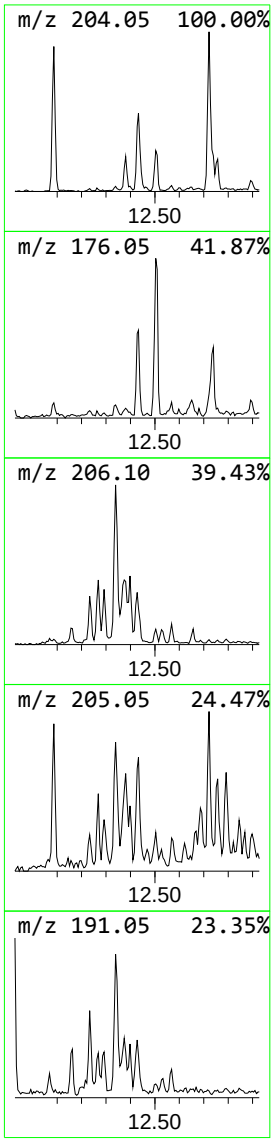
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	4.22 ng	128203	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
3	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	3-Chloro-[1,1'-biphenyl]-2-yl ac...	246	C14H11ClO2	007460-70-0	43





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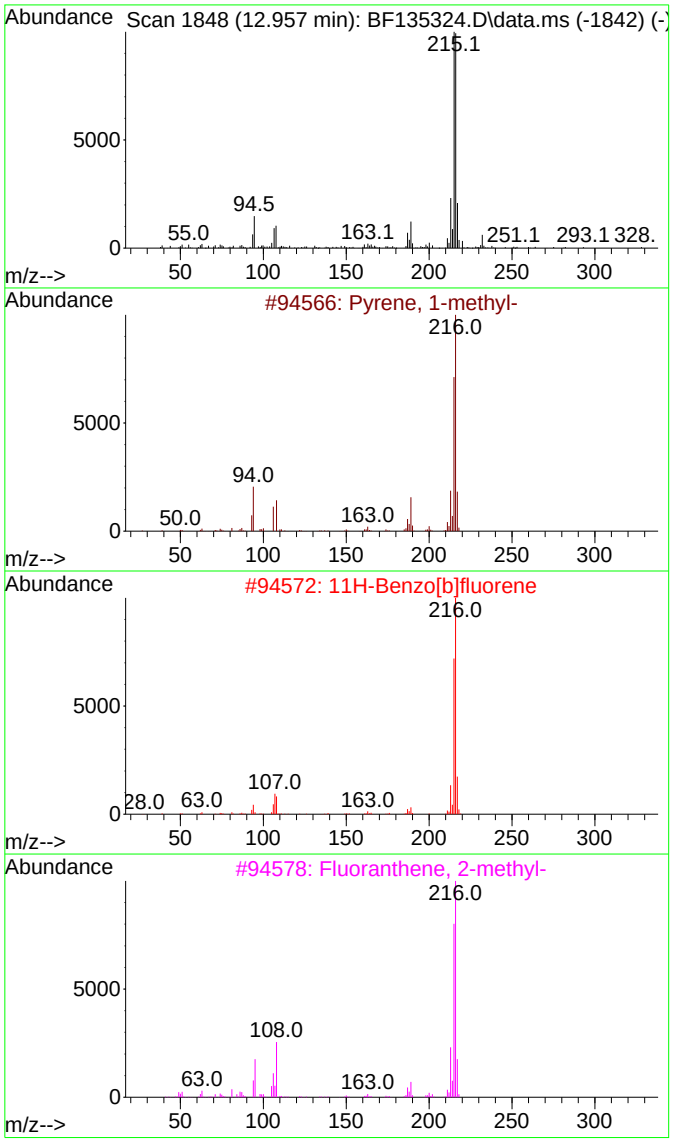
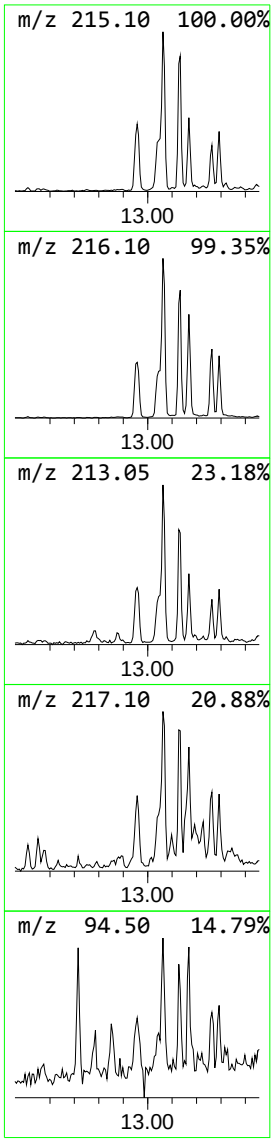
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.957	2.57 ng	229350	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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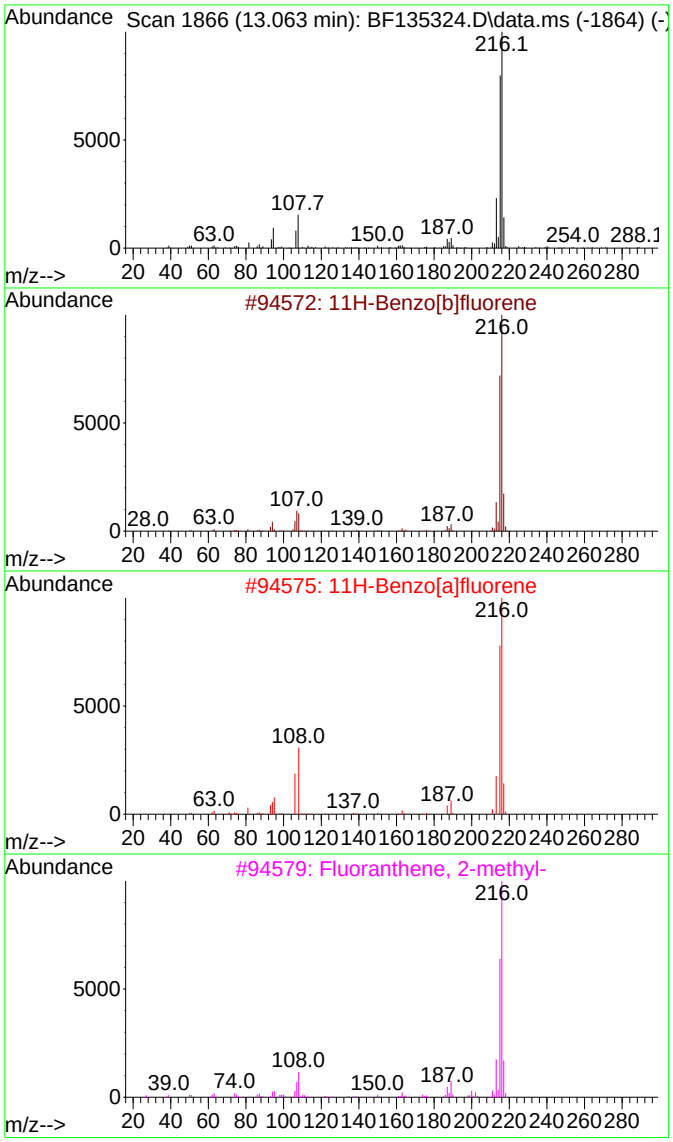
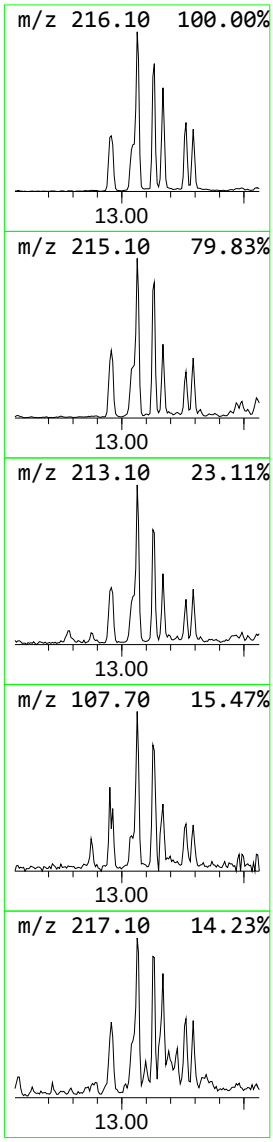
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	3.13 ng	278899	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
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	64





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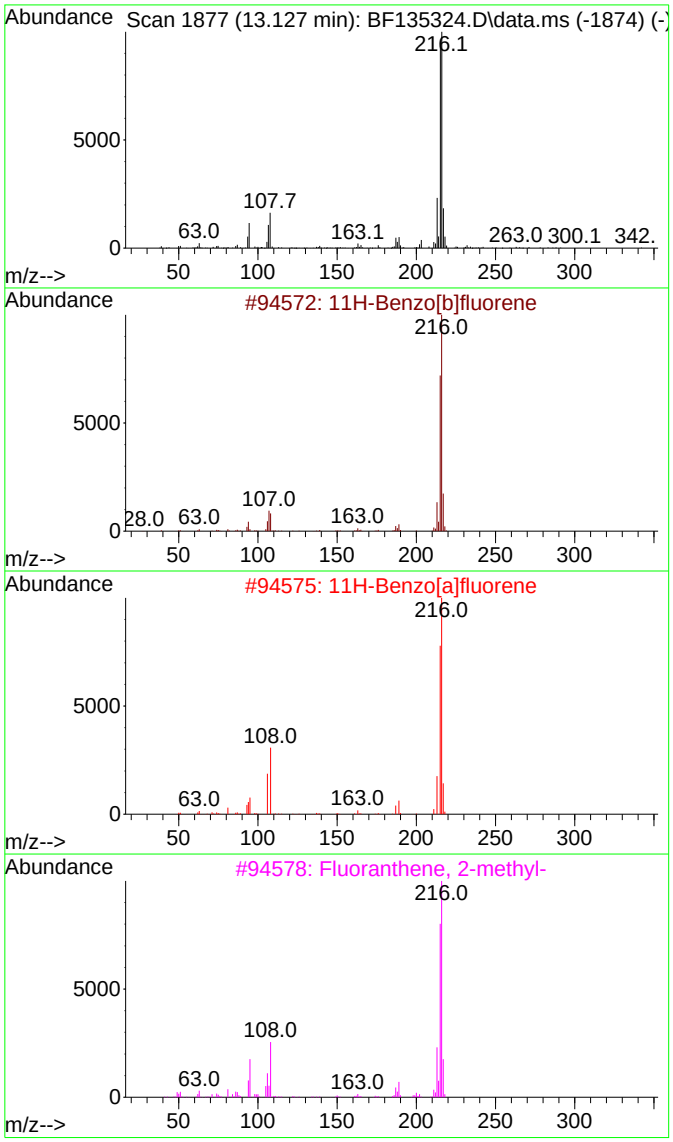
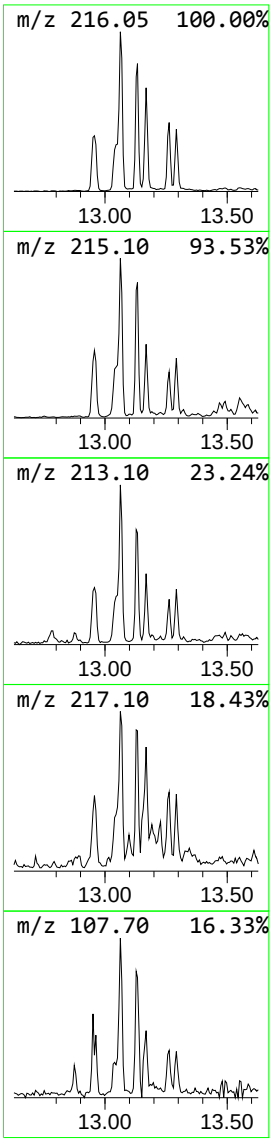
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	2.43 ng	216946	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62
5	7-(1-Piperidinylmethyl)-8-quinol...	314	C18H26N2OSi	1000476-73-7	59





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TIC Library : C:\Database\NIST20.L
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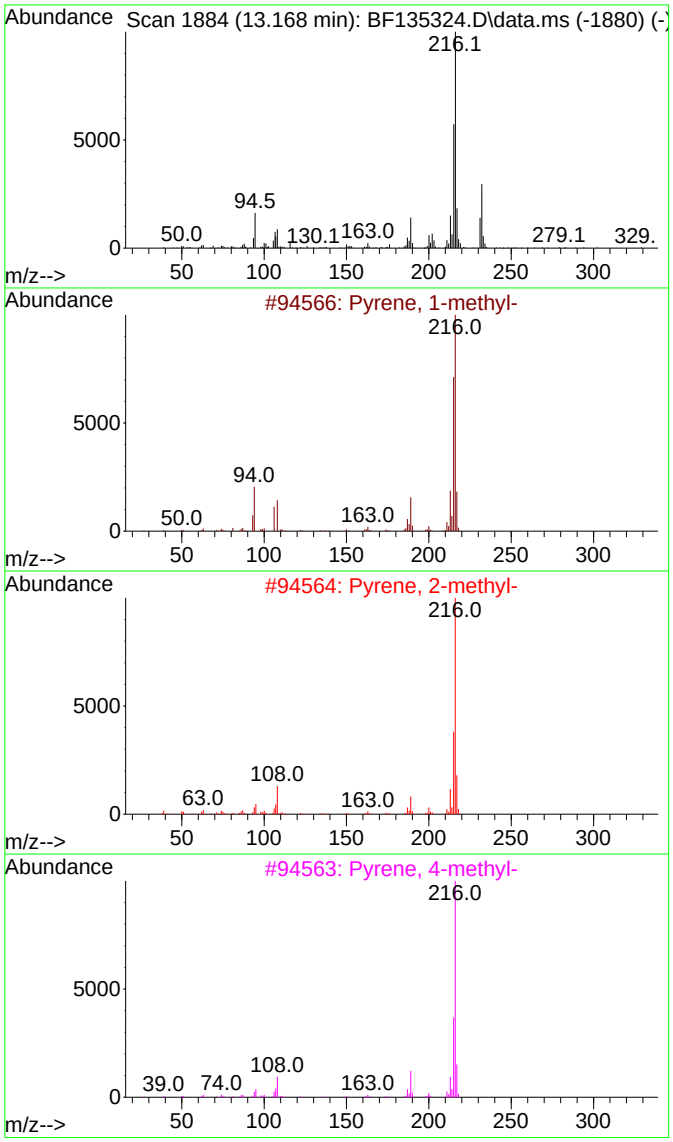
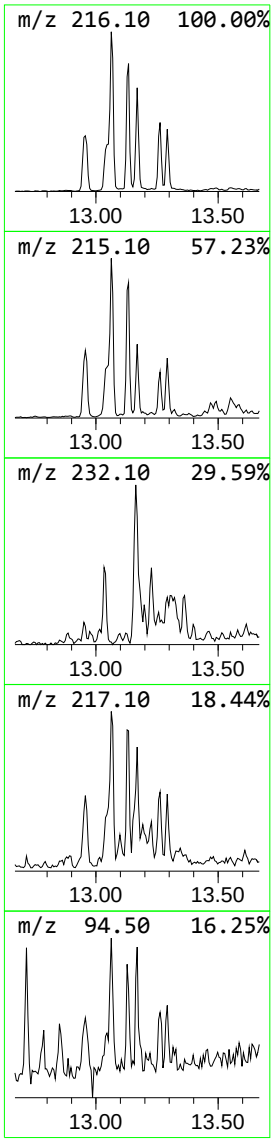
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.75 ng	245369	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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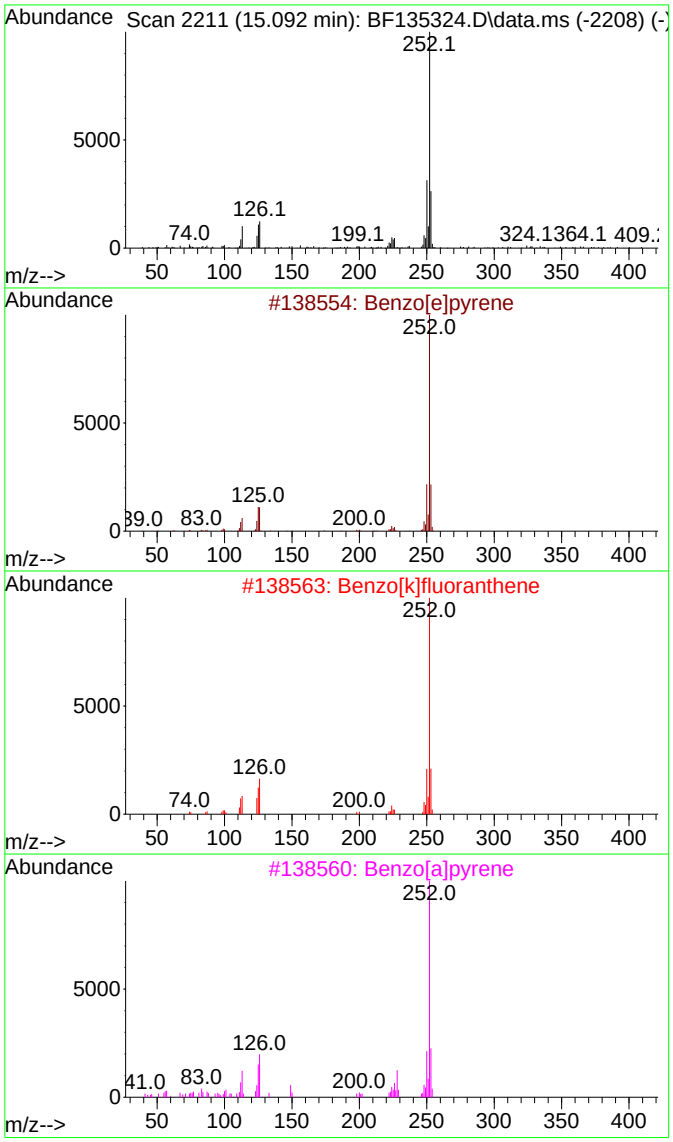
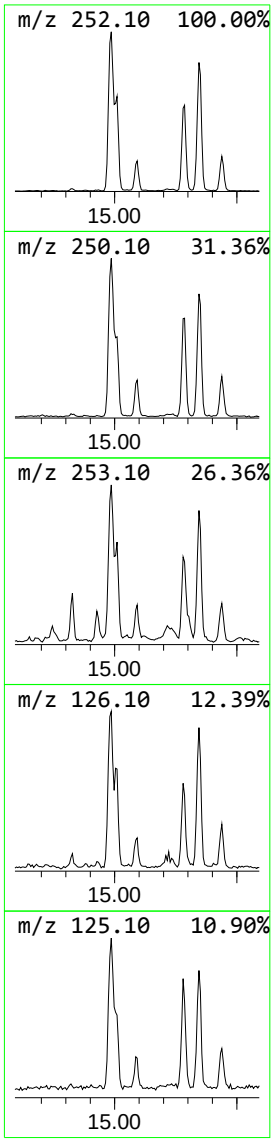
Peak Number 17 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	4.58 ng	106439	Perylene-d12	15.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Perylene	252	C20H12	000198-55-0	87
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	87





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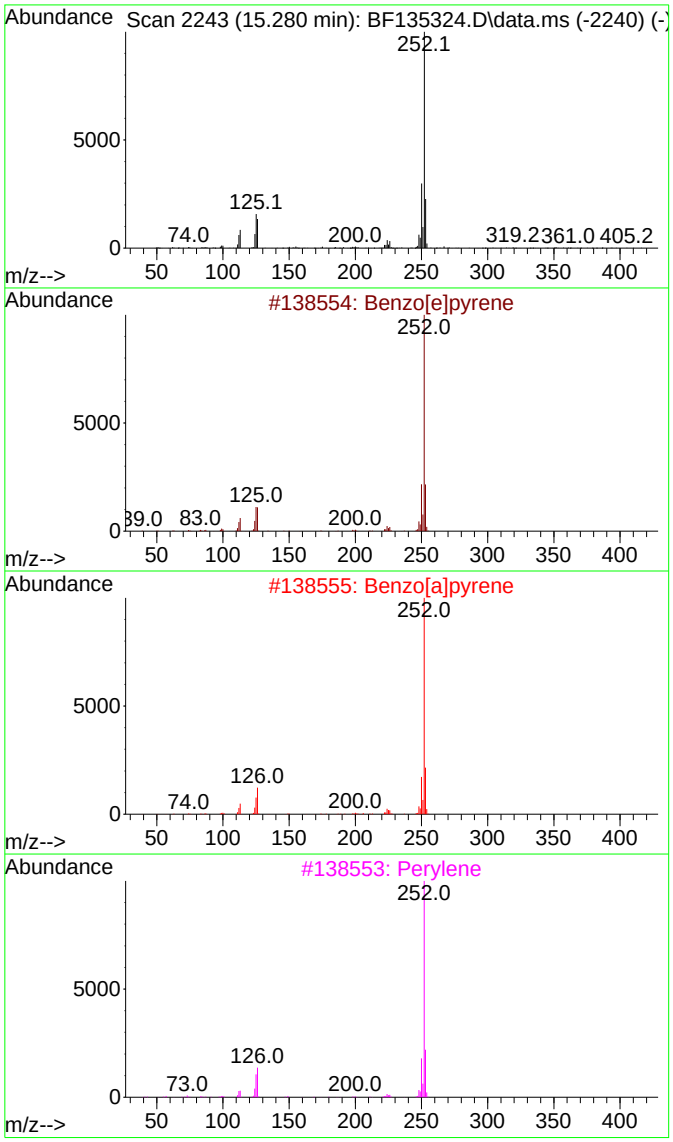
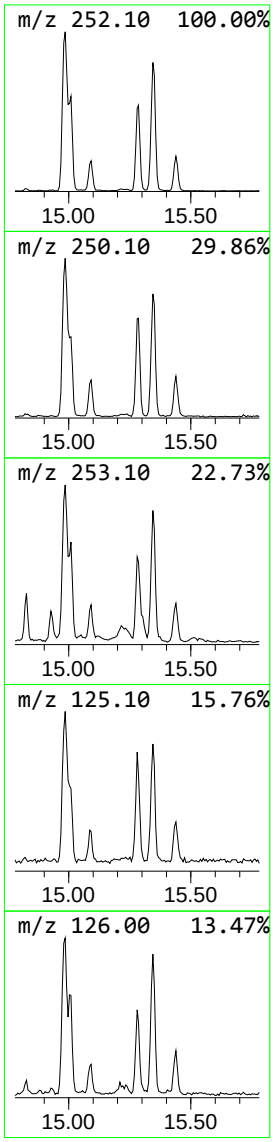
Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	18.23 ng	423465	Perylene-d12	15.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
Data File : BF135324.D
Acq On : 19 Sep 2023 00:28
Operator : CG\JU
Sample : 04424-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-09132023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
9H-Fluorene, 3-...	10.892	2.4	ng	71742	4	11.286	607590	20.0
Dibenzothiophene	11.180	3.2	ng	97365	4	11.286	607590	20.0
Phenanthrene, 2...	11.786	5.6	ng	169408	4	11.286	607590	20.0
Anthracene, 2-m...	11.816	7.0	ng	213878	4	11.286	607590	20.0
Phenanthrene, 3...	11.863	3.4	ng	104514	4	11.286	607590	20.0
4H-Cyclopenta[d...	11.898	13.5	ng	410448	4	11.286	607590	20.0
Phenanthrene, 4...	11.922	3.2	ng	96811	4	11.286	607590	20.0
Naphthalene, 2-...	12.086	4.0	ng	121168	4	11.286	607590	20.0
Phenanthrene, 2...	12.339	4.4	ng	132897	4	11.286	607590	20.0
unknown12.380	12.380	4.9	ng	149292	4	11.286	607590	20.0
Cyclopenta(def)...	12.427	4.2	ng	128203	4	11.286	607590	20.0
Pyrene, 1-methyl-	12.957	2.6	ng	229350	5	13.945	1782810	20.0
11H-Benzo[b]flu...	13.063	3.1	ng	278899	5	13.945	1782810	20.0
11H-Benzo[a]flu...	13.127	2.4	ng	216946	5	13.945	1782810	20.0
Pyrene, 2-methyl-	13.169	2.8	ng	245369	5	13.945	1782810	20.0
Benzo[e]pyrene	15.092	4.6	ng	106439	6	15.410	464672	20.0
Perylene	15.280	18.2	ng	423465	6	15.410	464672	20.0