LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
Data File : BF133198.D
Acq On : 02 May 2023 19:54
Operator : CG\JU
Sample : O2572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251671

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133198.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	548	552	556	rBV	2365043	2093069	25.06%	2.331%
2	6.369	724	728	731	rBV	2276448	2085442	24.96%	2.323%
3	6.728	786	789	793	rBV	1670135	1353257	16.20%	1.507%
4	7.292	881	885	888	rBV	1621296	1274967	15.26%	1.420%
5	8.016	1004	1008	1010	rBV	2309147	1903889	22.79%	2.121%
6	8.033	1010	1011	1014	rVB	1123624	724588	8.67%	0.807%
7	8.363	1064	1067	1071	rBV	84814	90964	1.09%	0.101%
8	8.728	1125	1129	1132	rVB	336813	267194	3.20%	0.298%
9	8.822	1142	1145	1150	rVB	168567	169956	2.03%	0.189%
10	9.086	1187	1190	1194	rVB	2879430	2353899	28.18%	2.622%
11	9.186	1200	1207	1211	rBV3	152486	197139	2.36%	0.220%
12	9.351	1231	1235	1239	rVB	67329	94952	1.14%	0.106%
13	9.427	1242	1248	1250	rBV2	115755	139197	1.67%	0.155%
14	9.627	1278	1282	1285	rBV	249342	217195	2.60%	0.242%
15	9.769	1300	1306	1308	rVV	2098226	1817006	21.75%	2.024%
16	9.798	1308	1311	1314	rVV	1104451	852169	10.20%	0.949%
17	9.922	1328	1332	1337	rBV3	67558	107024	1.28%	0.119%
18	9.969	1337	1340	1344	rVV	821711	652581	7.81%	0.727%
19	10.086	1357	1360	1363	rBV3	72864	84610	1.01%	0.094%
20	10.310	1395	1398	1402	rBV	1089606	972914	11.65%	1.084%
21	10.427	1415	1418	1420	rBV2	91097	88357	1.06%	0.098%
22	10.474	1423	1426	1431	rVB	572182	501863	6.01%	0.559%
23	10.551	1435	1439	1443	rBV	1469645	1267554	15.17%	1.412%
24	10.680	1456	1461	1468	rVB3	239372	399671	4.78%	0.445%
25	10.745	1469	1472	1475	rBV4	69317	98801	1.18%	0.110%
26	10.863	1485	1492	1494	rBV3	130900	204515	2.45%	0.228%
27	11.057	1521	1525	1529	rVB2	616763	647622	7.75%	0.721%
28	11.098	1529	1532	1535	rBV2	88281	119876	1.43%	0.134%
29	11.127	1535	1537	1538	rVV	160985	136790	1.64%	0.152%
30	11.145	1538	1540	1546	rVB	486758	483650	5.79%	0.539%
31	11.251	1554	1558	1560	rBV	1599039	1631012	19.52%	1.817%
32	11.280	1560	1563	1566	rVV	6134585	5434021	65.05%	6.053%
33	11.327	1566	1571	1574	rVV	2650153	2181024	26.11%	2.429%
34	11.357	1574	1576	1581	rVB	338007	286203	3.43%	0.319%
35	11.463	1591	1594	1595	rBV	306183	277780	3.33%	0.309%
36	11.480	1595	1597	1600	rVB	1260925	877736	10.51%	0.978%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
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Acq On : 02 May 2023 19:54
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Sample : 02572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251671

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.551	1605	1609	1612	rBV3	239932	269886	3.23%	0.301%
38	11.580	1612	1614	1617	rBV2	154678	136700	1.64%	0.152%
39	11.751	1639	1643	1645	rVV2	611383	545473	6.53%	0.608%
40	11.780	1645	1648	1653	rVV2	974122	1078213	12.91%	1.201%
41	11.827	1653	1656	1658	rVB	311766	276353	3.31%	0.308%
42	11.863	1658	1662	1664	rBV	1247903	1157600	13.86%	1.289%
43	11.886	1664	1666	1669	rVB	382774	294178	3.52%	0.328%
44	11.927	1671	1673	1676	rBV2	120712	145282	1.74%	0.162%
45	11.957	1676	1678	1681	rBV2	188966	192571	2.31%	0.214%
46	12.051	1691	1694	1695	rBV	550668	503896	6.03%	0.561%
47	12.068	1695	1697	1702	rVB	998088	797163	9.54%	0.888%
48	12.198	1713	1719	1721	rBV4	182326	276428	3.31%	0.308%
49	12.227	1721	1724	1726	rVV	178924	165265	1.98%	0.184%
50	12.251	1726	1728	1731	rVB	199240	154296	1.85%	0.172%
51	12.304	1734	1737	1740	rVV2	463653	529067	6.33%	0.589%
52	12.351	1740	1745	1748	rVV3	223149	418753	5.01%	0.466%
53	12.386	1748	1751	1755	rVV	806045	764854	9.16%	0.852%
54	12.474	1760	1766	1768	rBV	6504136	7378559	88.32%	8.219%
55	12.521	1768	1774	1777	rVB2	276235	343351	4.11%	0.382%
56	12.557	1778	1780	1781	rBV	117033	92809	1.11%	0.103%
57	12.610	1785	1789	1794	rVV3	328302	500128	5.99%	0.557%
58	12.698	1798	1804	1807	rBV2	5822426	8353886	100.00%	9.305%
59	12.739	1809	1811	1816	rVB2	353257	432870	5.18%	0.482%
60	12.810	1820	1823	1825	rBV	606663	575638	6.89%	0.641%
61	12.833	1825	1827	1834	rVB2	2060743	2609281	31.23%	2.906%
62	12.910	1835	1840	1843	rBV2	572697	854084	10.22%	0.951%
63	12.939	1843	1845	1848	rVB	210256	155019	1.86%	0.173%
64	12.998	1852	1855	1856	rBV3	479649	539047	6.45%	0.600%
65	13.021	1856	1859	1862	rVB	1022010	1025490	12.28%	1.142%
66	13.051	1862	1864	1866	rBV2	167694	163656	1.96%	0.182%
67	13.086	1866	1870	1872	rBV2	1084384	1018809	12.20%	1.135%
68	13.121	1872	1876	1879	rBV2	835756	830082	9.94%	0.925%
69	13.215	1889	1892	1894	rBV2	474290	380270	4.55%	0.424%
70	13.245	1894	1897	1901	rBV2	396296	411753	4.93%	0.459%
71	13.421	1925	1927	1929	rBV	340803	246811	2.95%	0.275%
72	13.527	1942	1945	1949	rVB	722720	790015	9.46%	0.880%
73	13.633	1960	1963	1966	rBV2	724024	857580	10.27%	0.955%
74	13.668	1966	1969	1971	rVV	698975	694282	8.31%	0.773%
75	13.692	1971	1973	1977	rVV2	706463	928341	11.11%	1.034%
76	13.733	1978	1980	1985	rVB2	592557	644174	7.71%	0.718%

LSC Area Percent Report

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Acq On : 02 May 2023 19:54
Operator : CG\JU
Sample : 02572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251671

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.886	1999	2006	2009	rBV2	3151073	5183574	62.05%	5.774%
78	13.921	2009	2012	2017	rVB	3230471	3377885	40.43%	3.762%
79	13.998	2022	2025	2026	rBV	465837	355078	4.25%	0.395%
80	14.115	2041	2045	2048	rVB2	298879	421870	5.05%	0.470%
81	14.315	2076	2079	2082	rVB2	488868	469055	5.61%	0.522%
82	14.368	2086	2088	2091	rVB2	426585	383590	4.59%	0.427%
83	14.404	2091	2094	2095	rBV	345246	331479	3.97%	0.369%
84	14.915	2176	2181	2184	rBV	2310224	3723837	44.58%	4.148%
85	15.198	2226	2229	2235	rVB	1189015	1652640	19.78%	1.841%
86	15.262	2235	2240	2245	rBV	1422458	1843146	22.06%	2.053%
87	15.315	2246	2249	2252	rVV	748119	912329	10.92%	1.016%
88	15.345	2252	2254	2260	rVB3	499483	714701	8.56%	0.796%
89	16.703	2481	2485	2490	rVB2	546002	790193	9.46%	0.880%

Sum of corrected areas: 89779777

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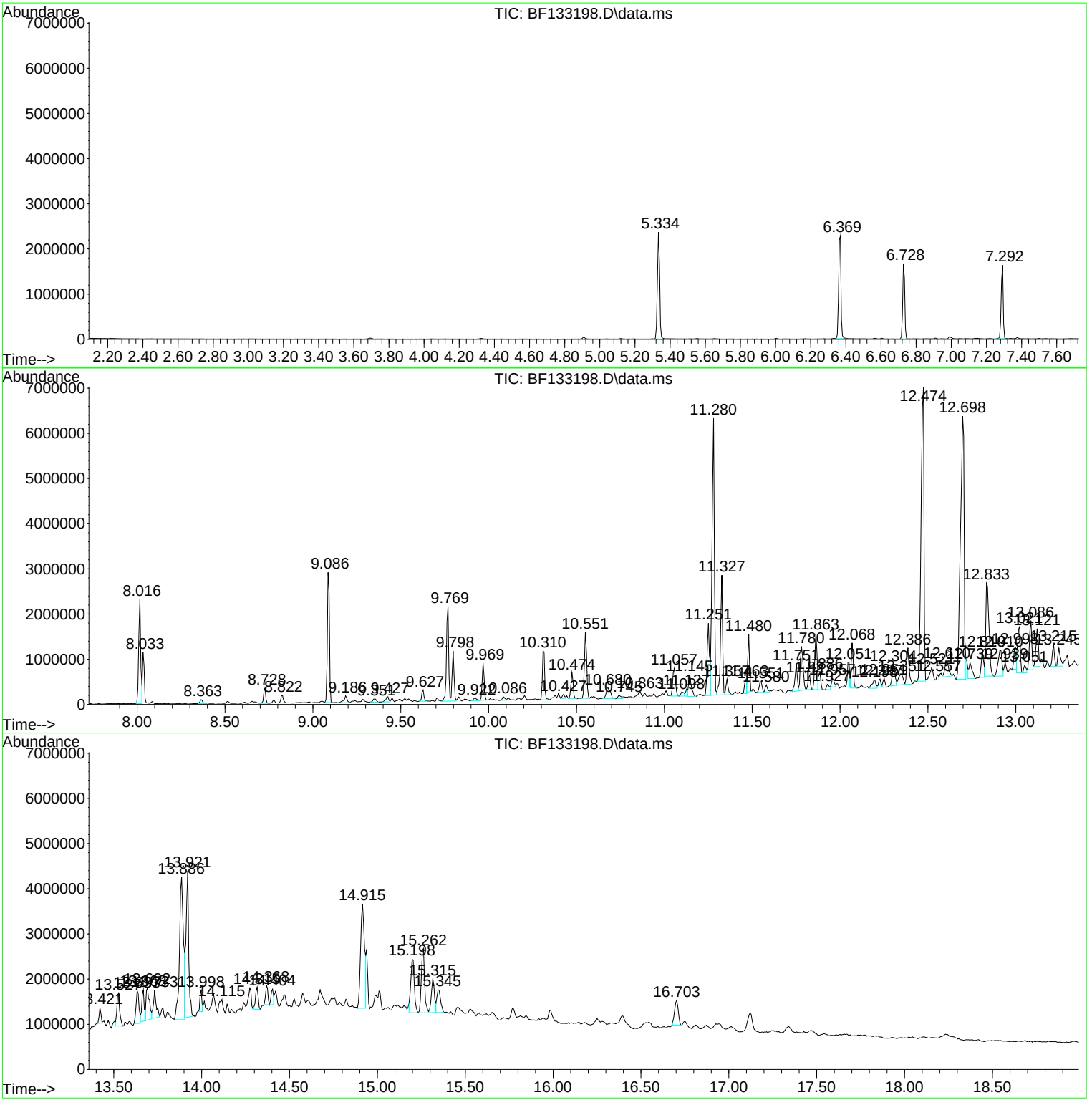
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251671

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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\BF050223\
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Sample : 02572-01 2X
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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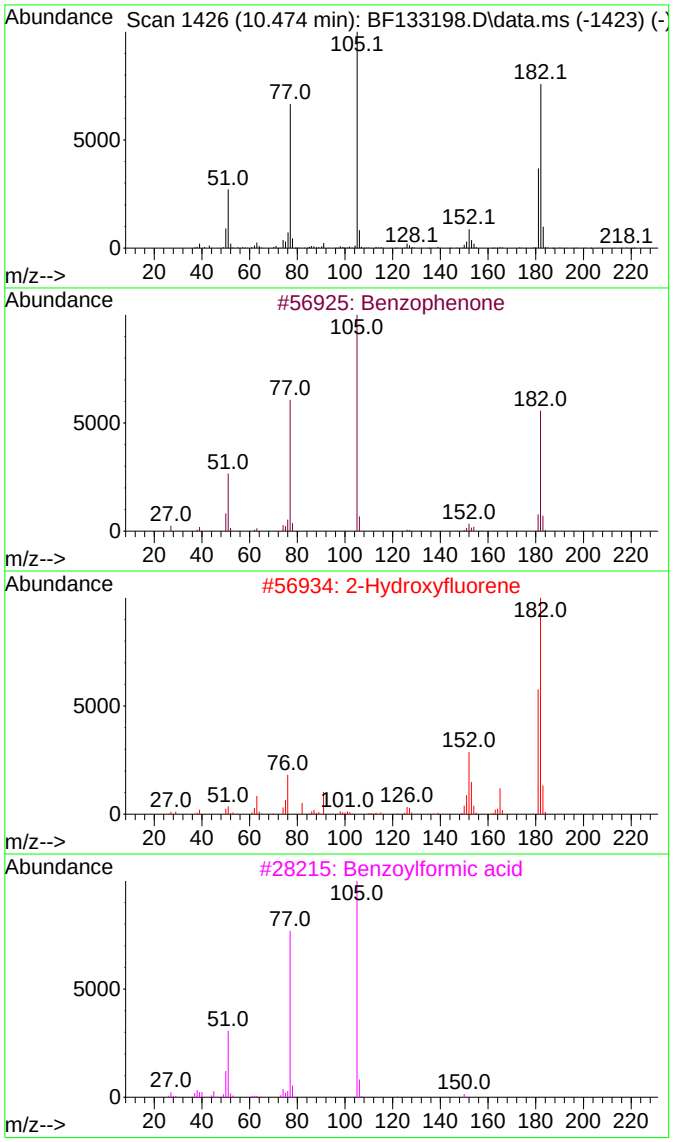
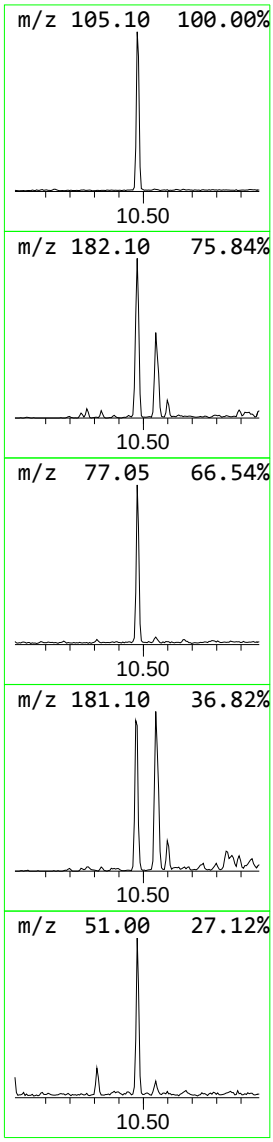
Peak Number 1 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	5.52 ng	501863	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49
3	Benzoylformic acid	150	C8H6O3	000611-73-4	38
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	38
5	3-Mercaptobenzoic acid, S-methyl...	182	C9H10O2S	090721-40-7	38





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Data File : BF133198.D
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Sample : 02572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR-251671

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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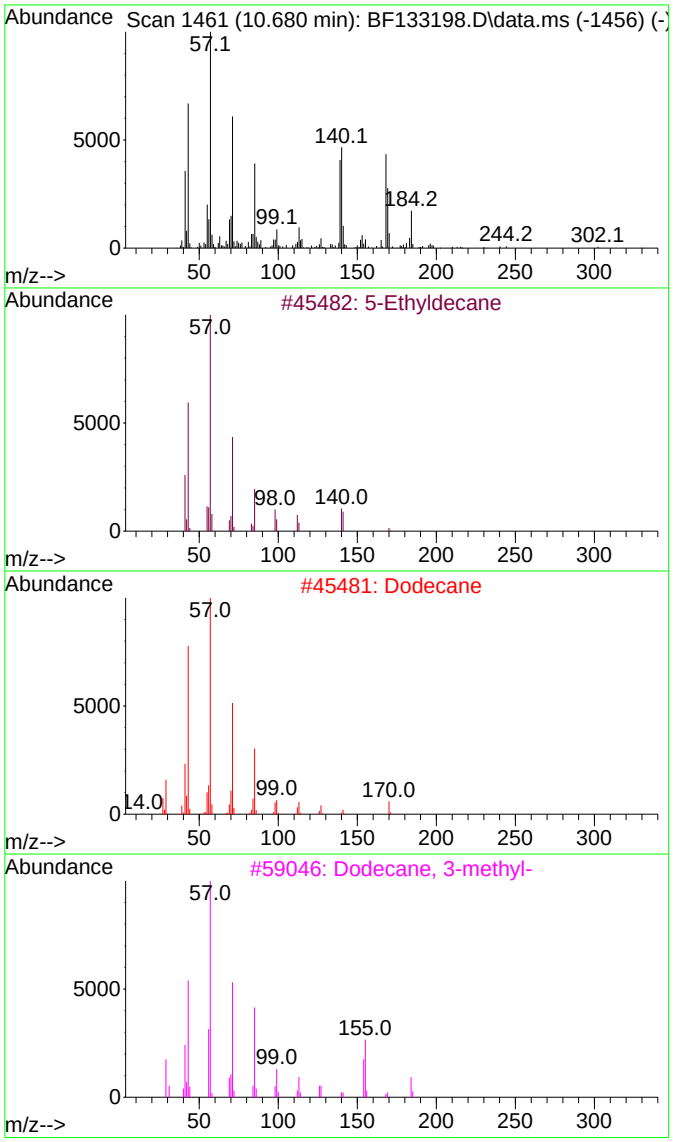
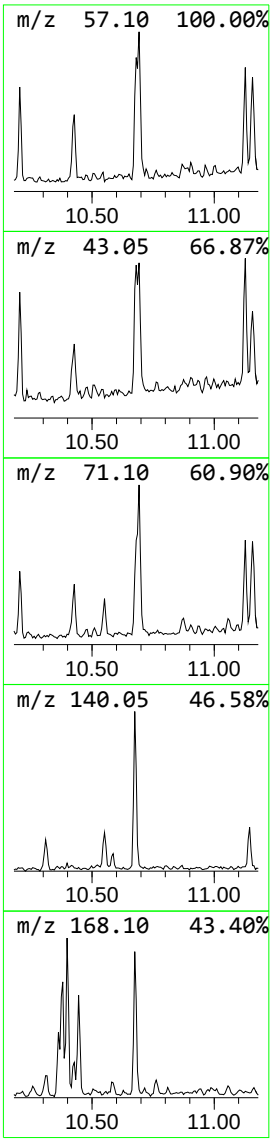
Peak Number 2 unknown10.680 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	4.90 ng	399671	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	38
2	Dodecane	170	C12H26	000112-40-3	38
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	30
4	Tridecane	184	C13H28	000629-50-5	30
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	25





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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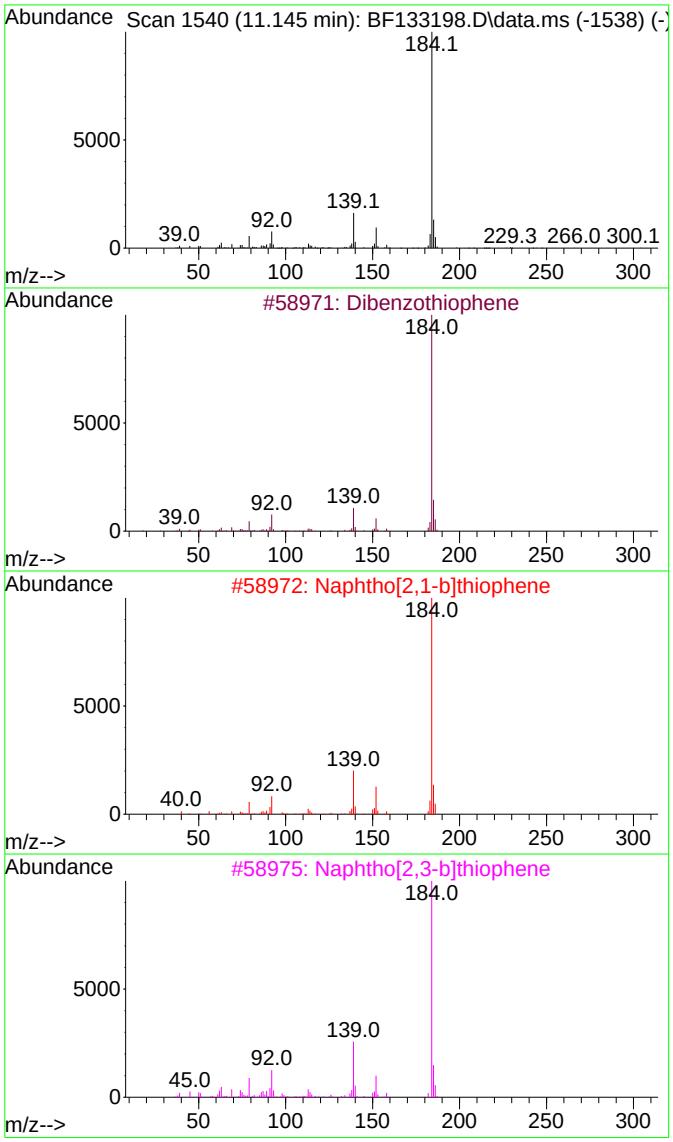
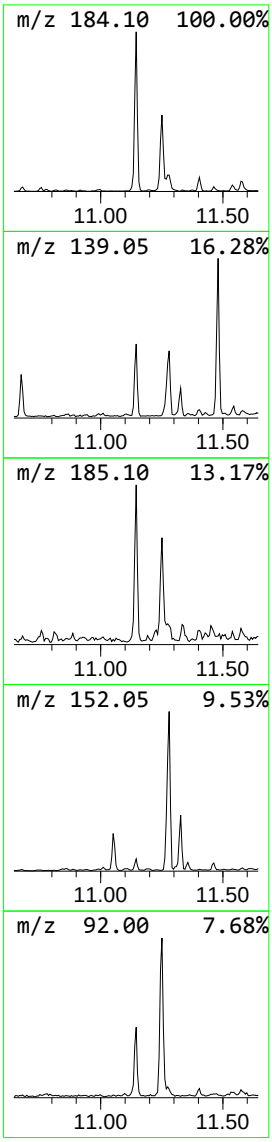
Peak Number 3 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	5.93 ng	483650	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	86





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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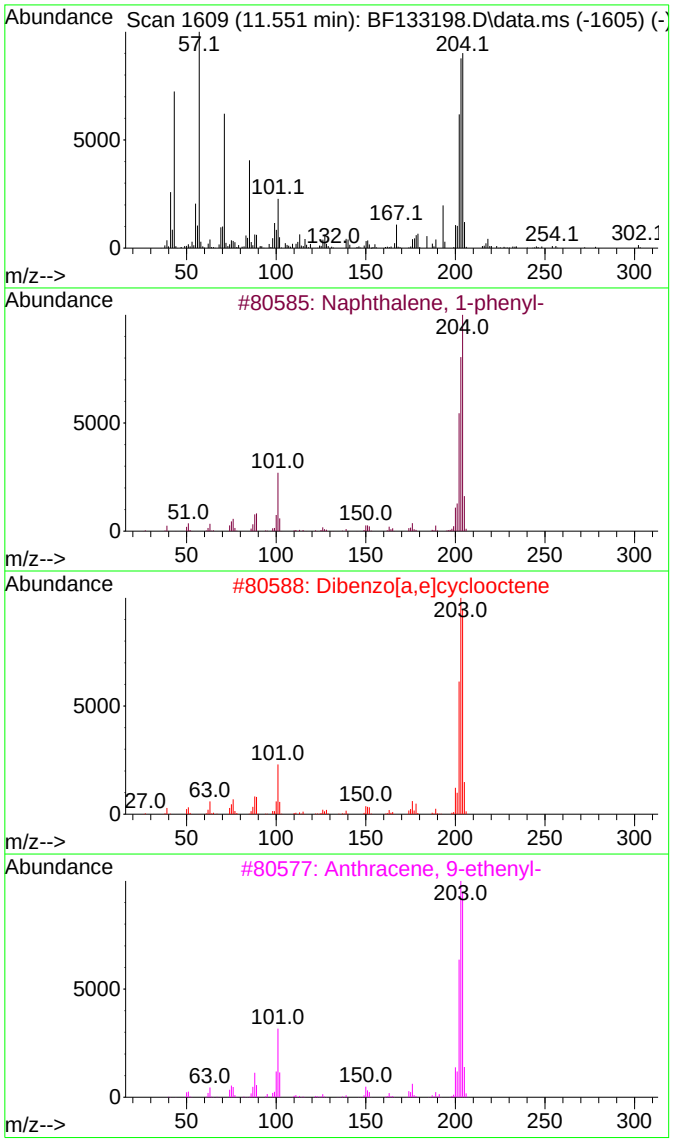
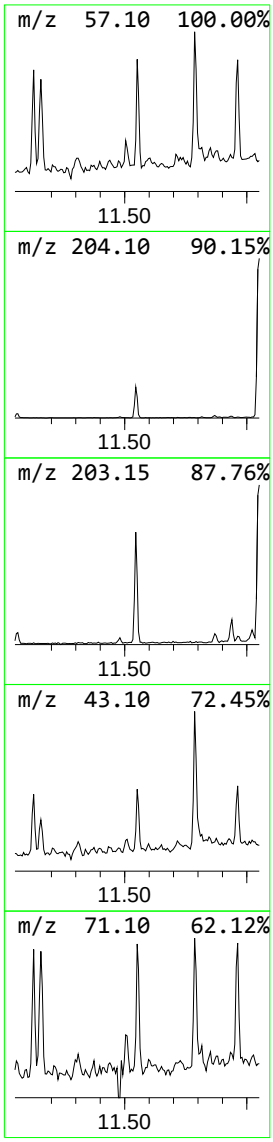
Peak Number 4 Naphthalene, 1-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.551	3.31 ng	269886	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	70
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	55
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	55
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	49





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Acq On : 02 May 2023 19:54
Operator : CG\JU
Sample : 02572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251671

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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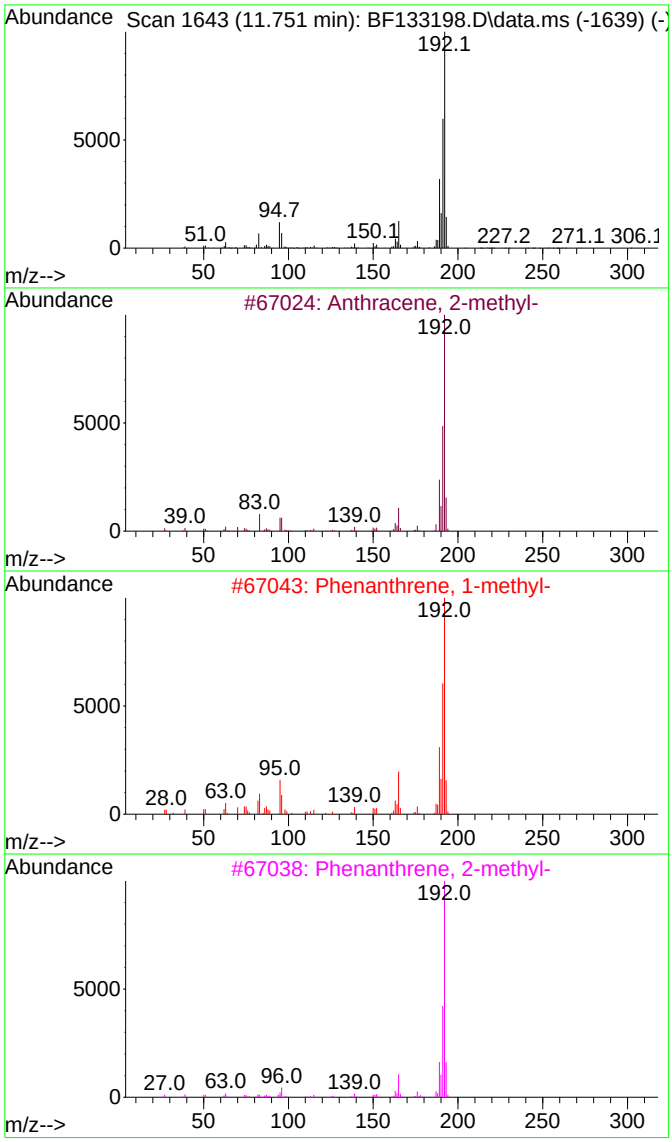
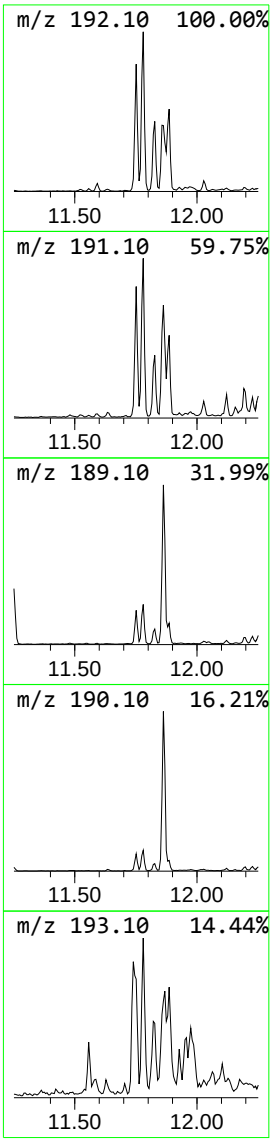
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	6.69 ng	545473	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : CG\JU
Sample : 02572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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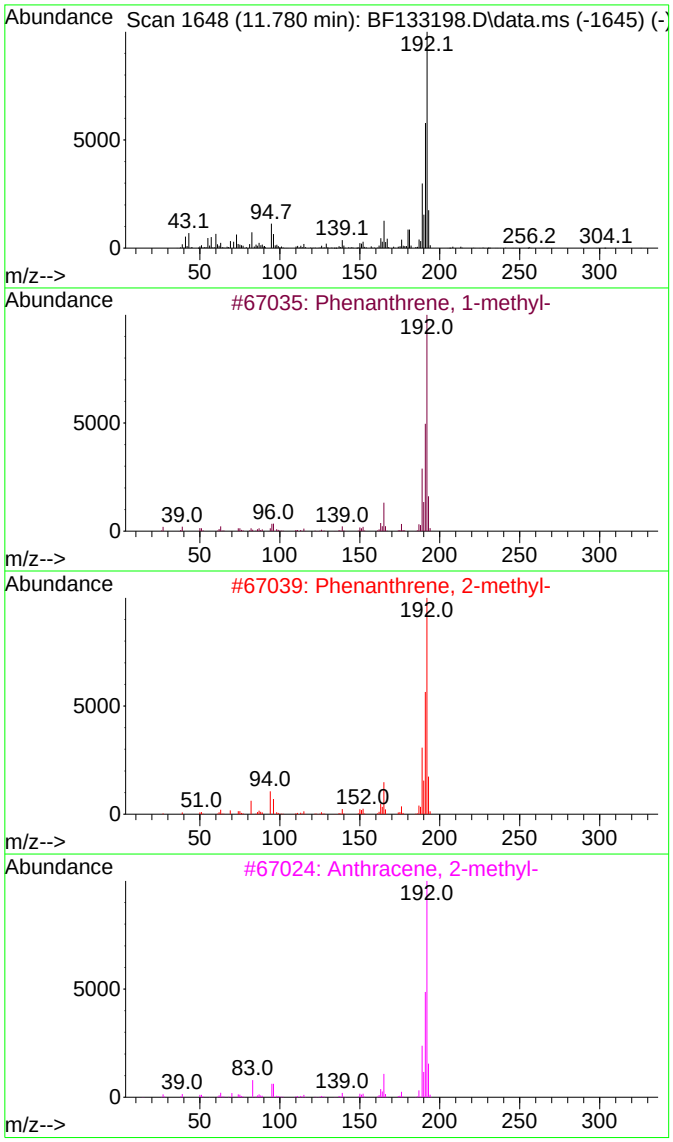
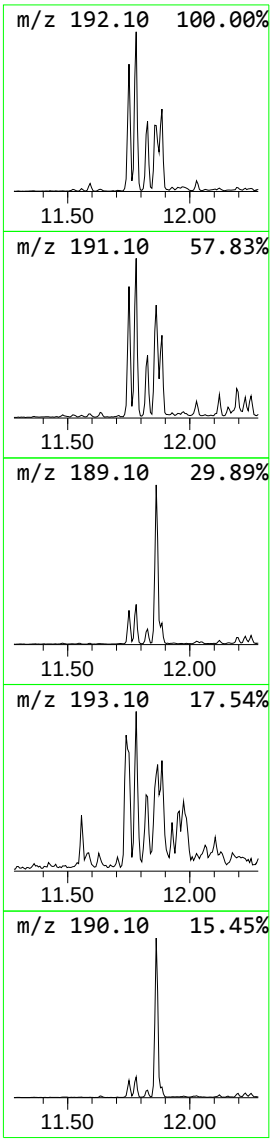
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	13.22 ng	1078210	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : CG\JU
Sample : 02572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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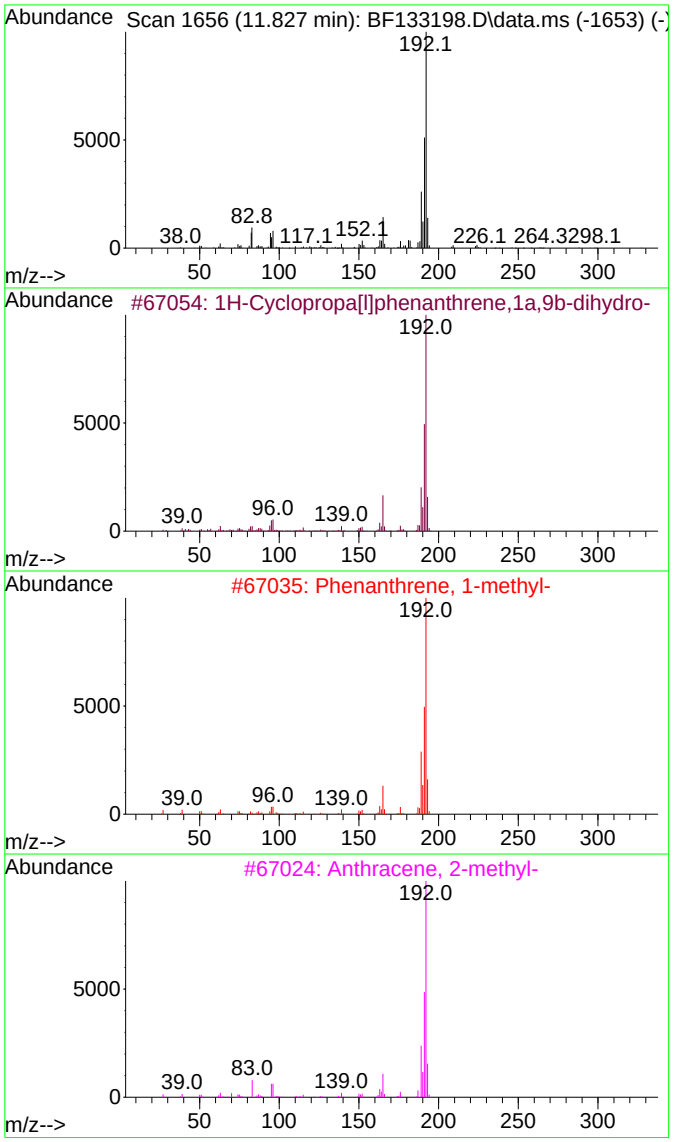
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

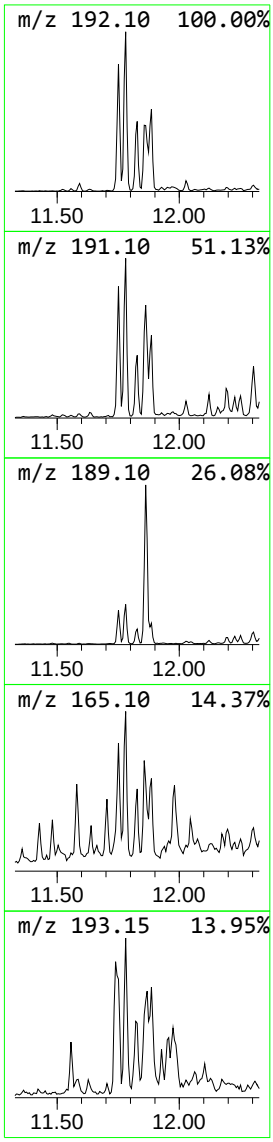
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	3.39 ng	276353	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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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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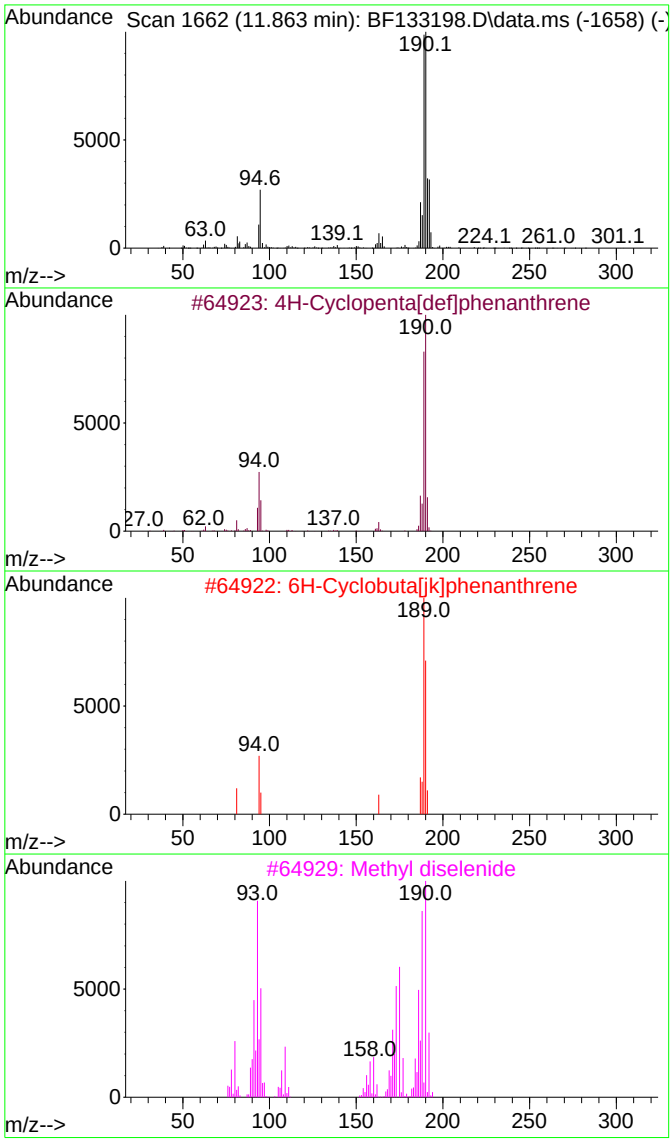
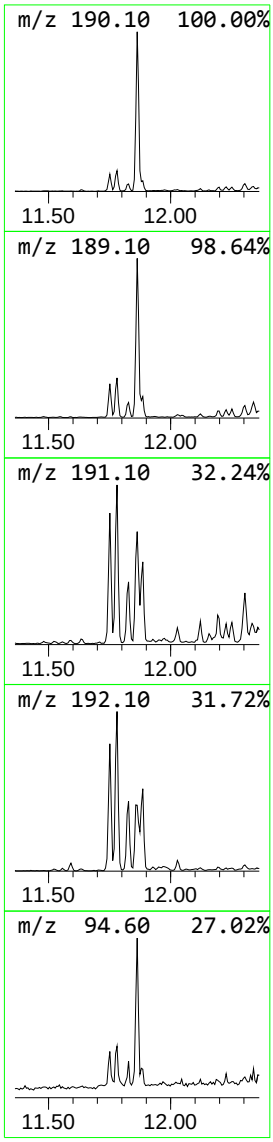
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	14.19 ng	1157600	Phenanthrene-d10	11.251

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	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	17





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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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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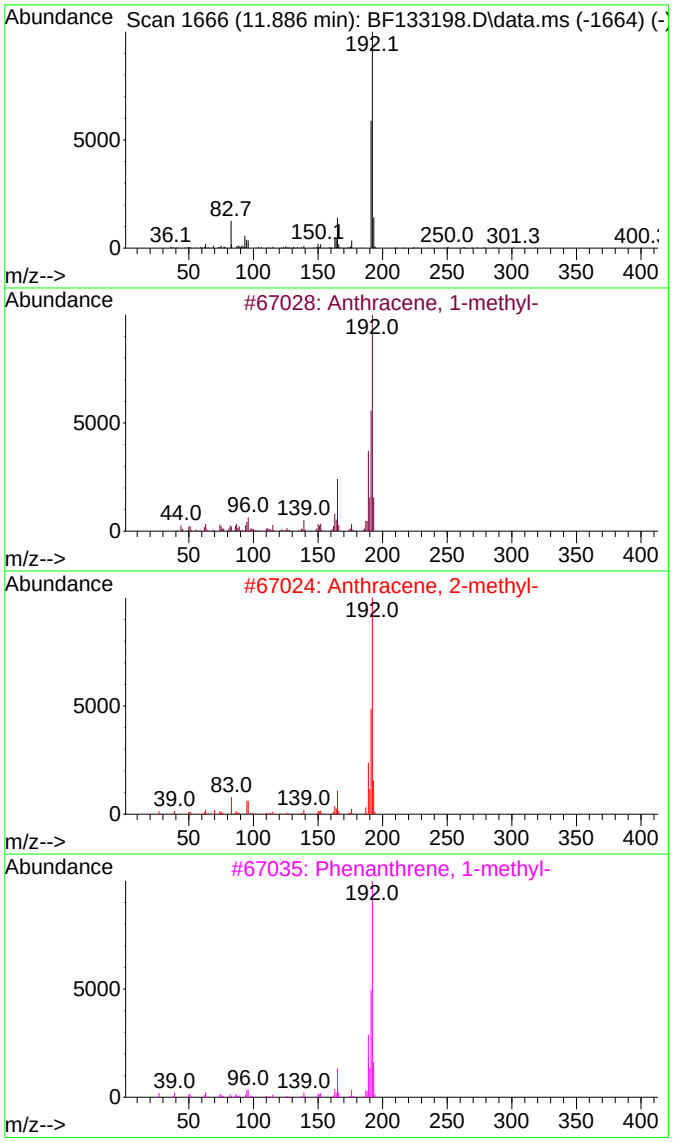
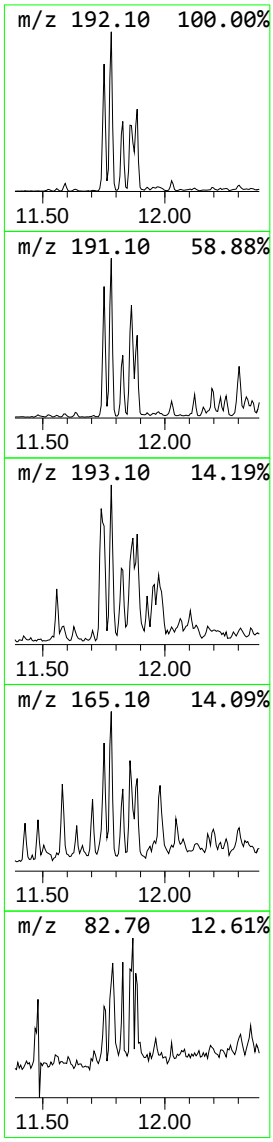
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	3.61 ng	294178	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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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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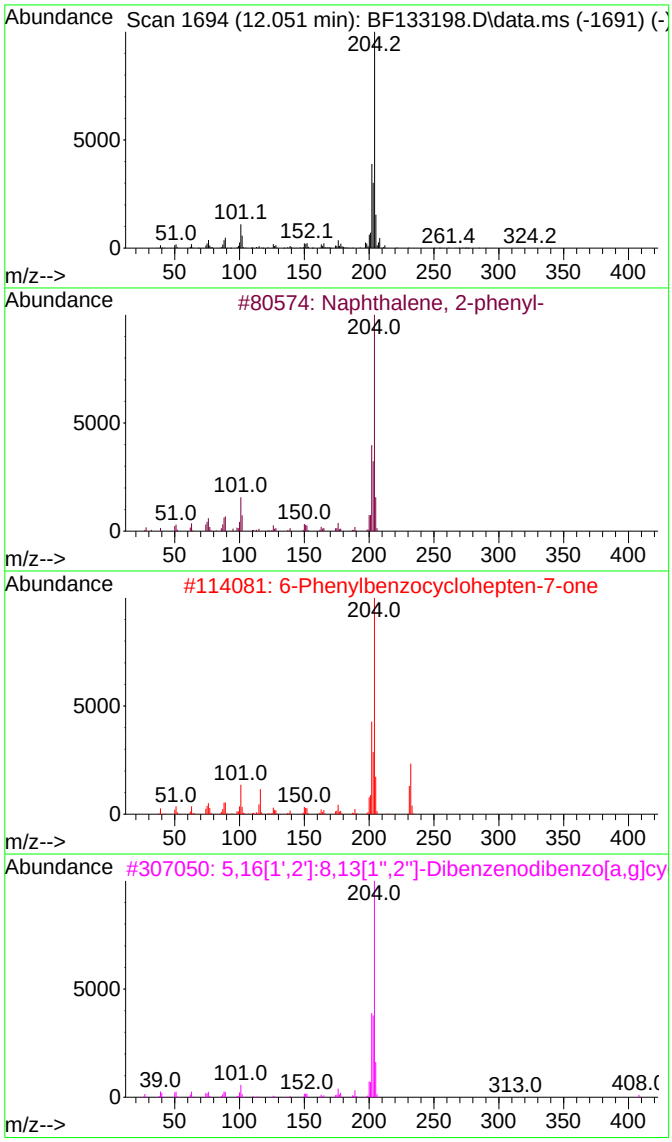
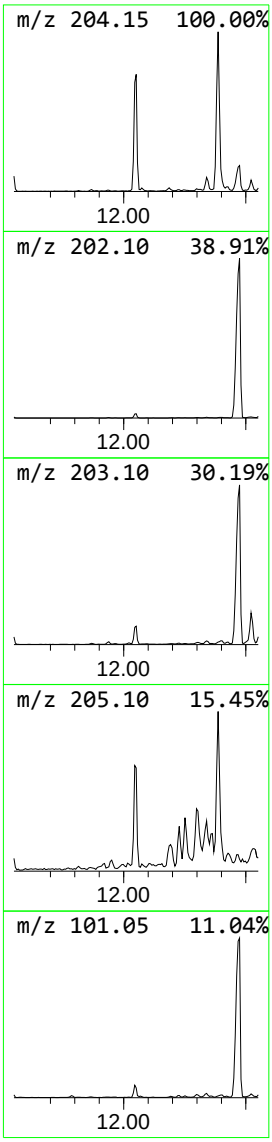
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	6.18 ng	503896	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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

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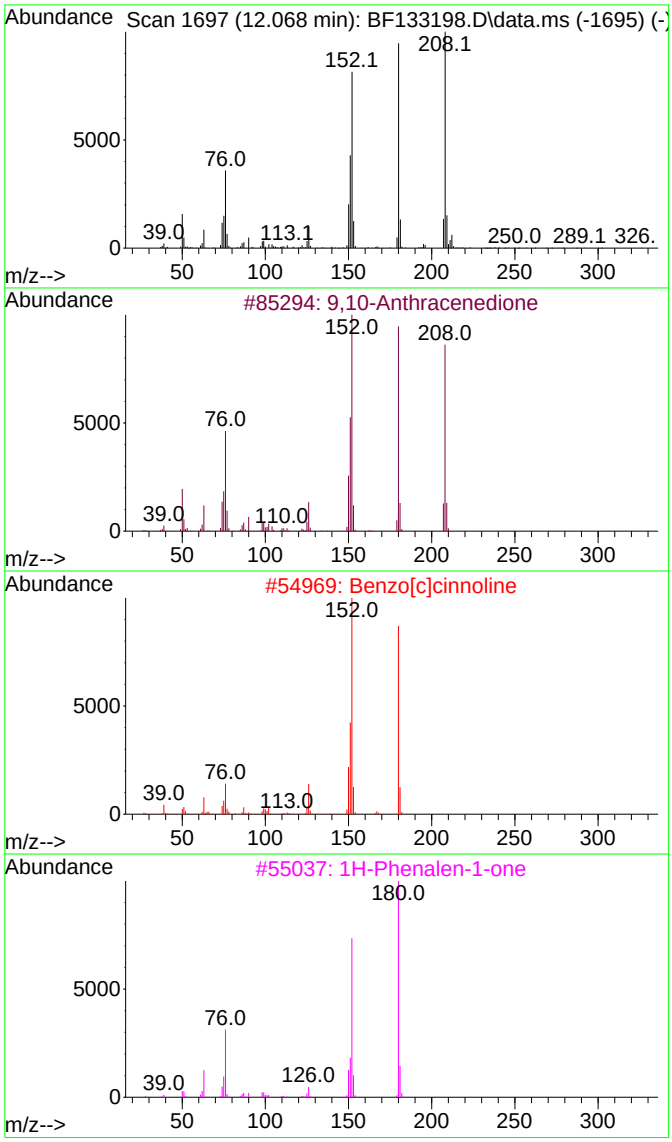
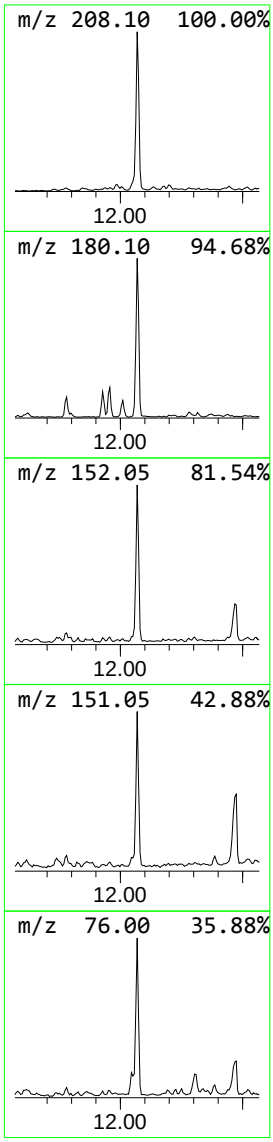
Peak Number 11 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	9.78 ng	797163	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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Instrument :
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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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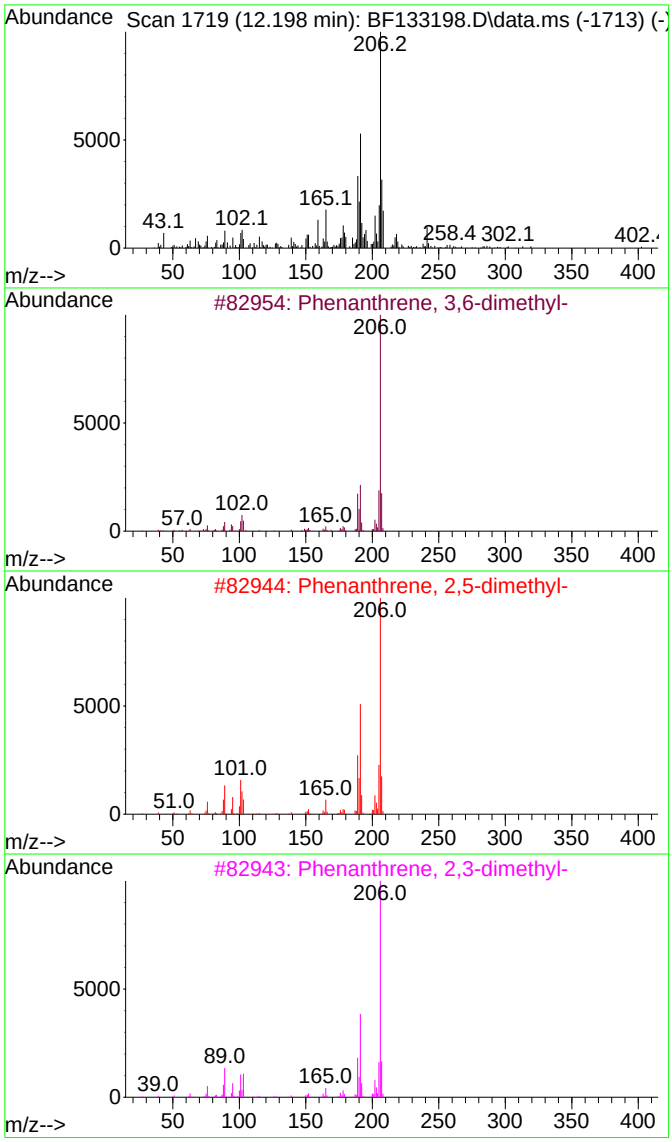
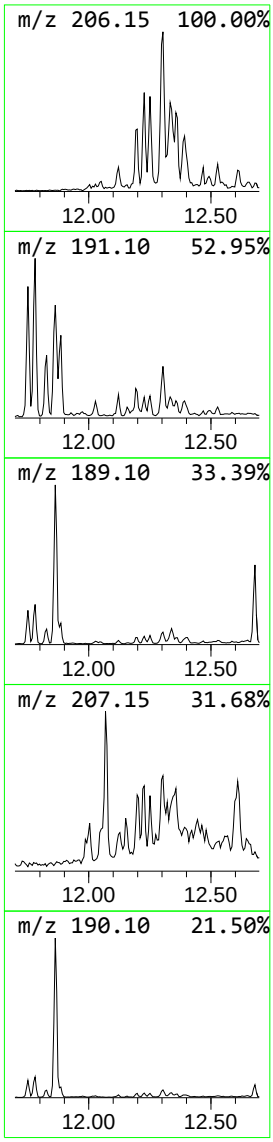
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	3.39 ng	276428	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	70





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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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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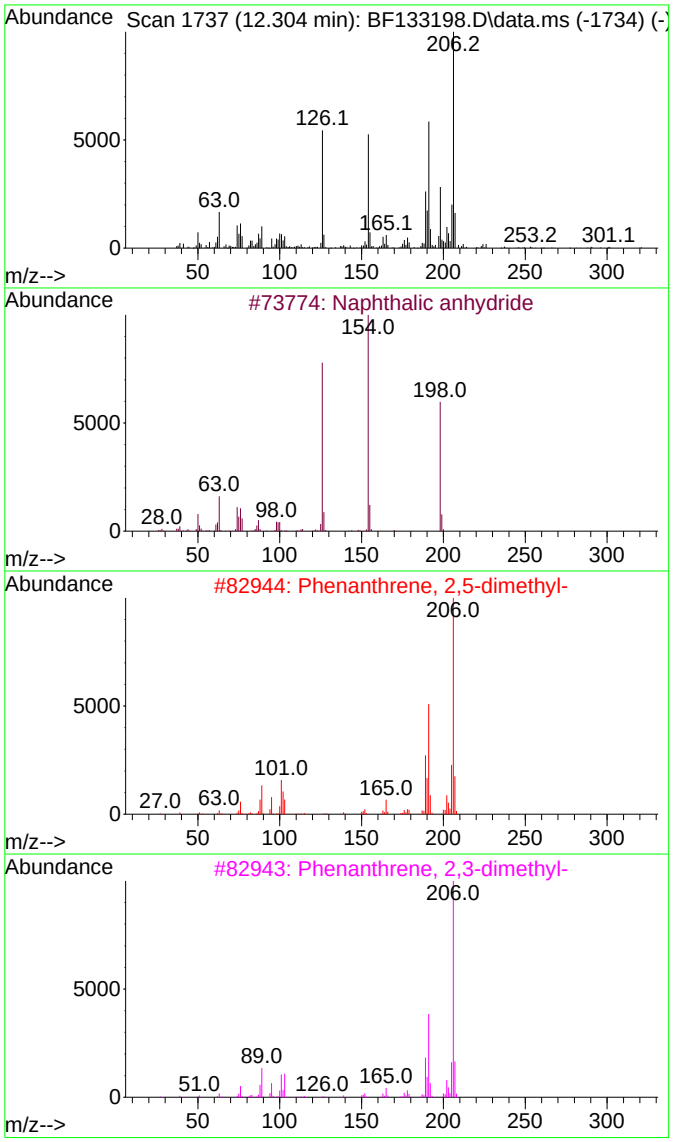
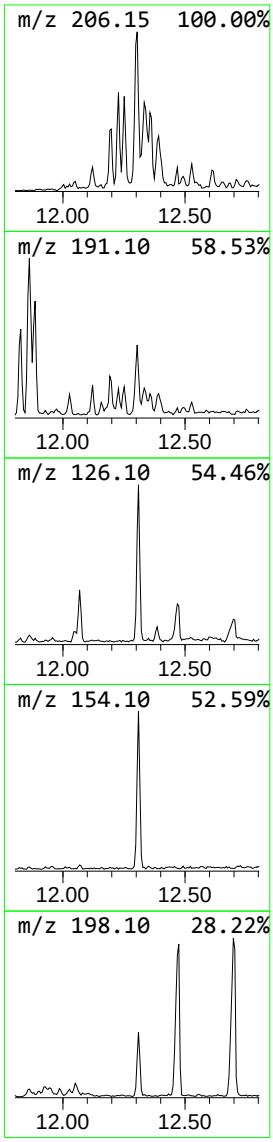
Peak Number 13 Naphthalic anhydride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	6.49 ng	529067	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	55
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55





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ALS Vial : 21 Sample Multiplier: 1

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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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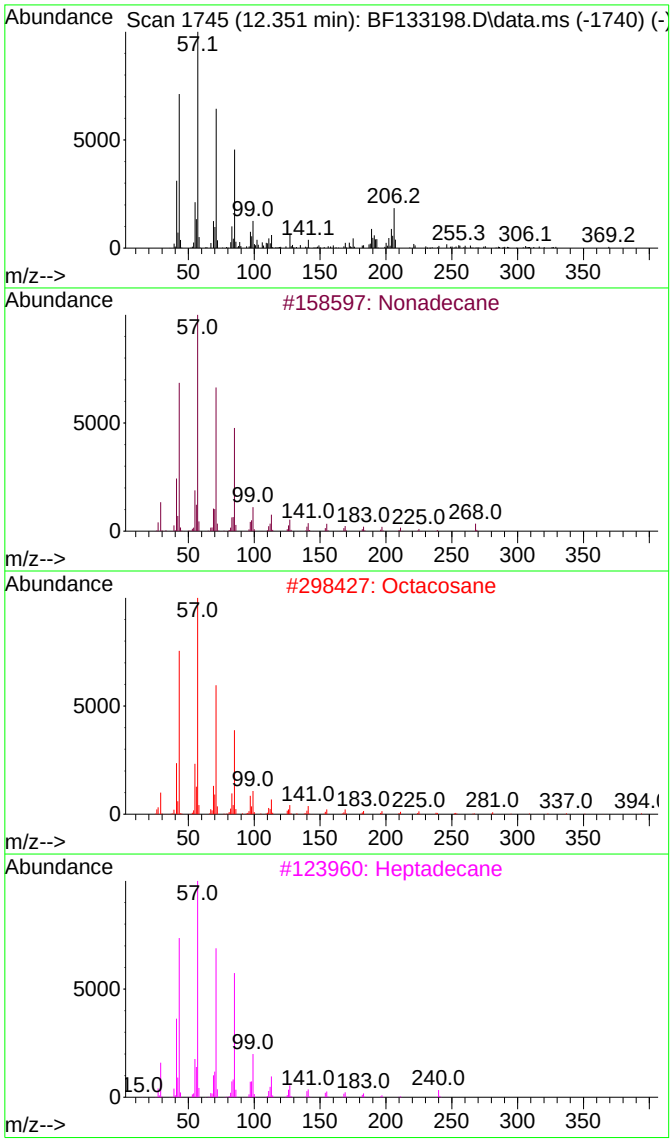
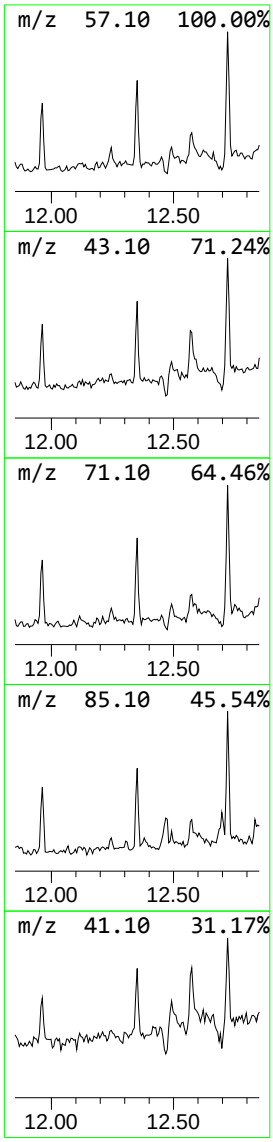
Peak Number 14 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.351	5.13 ng	418753	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Octacosane	394	C28H58	000630-02-4	81
3	Heptadecane	240	C17H36	000629-78-7	81
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	74
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74





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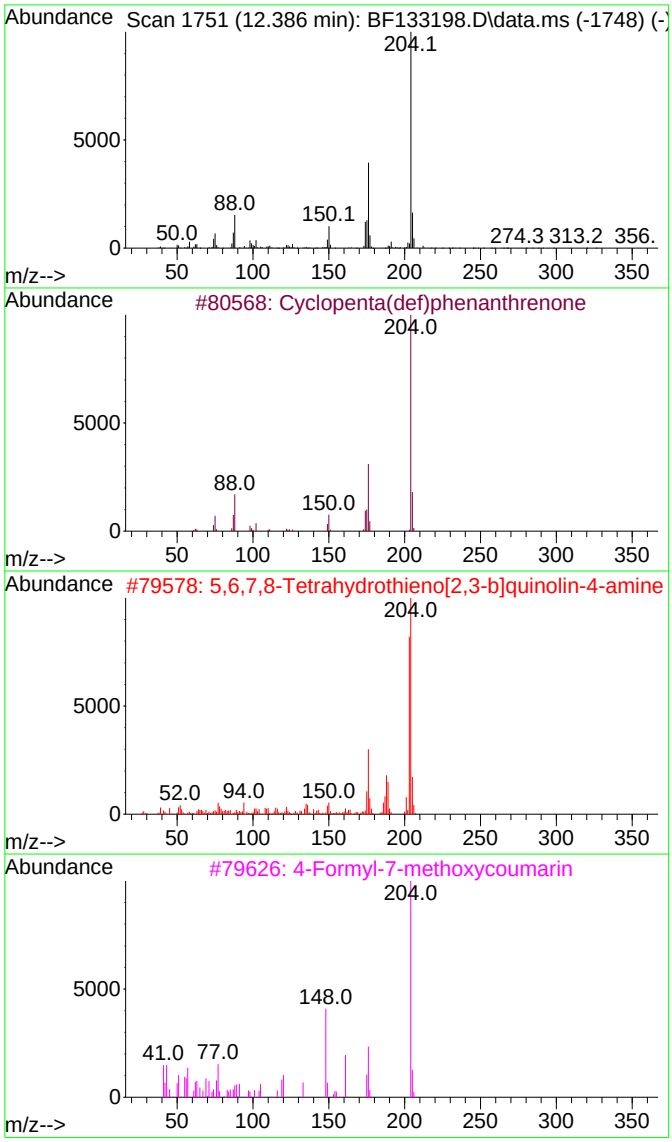
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

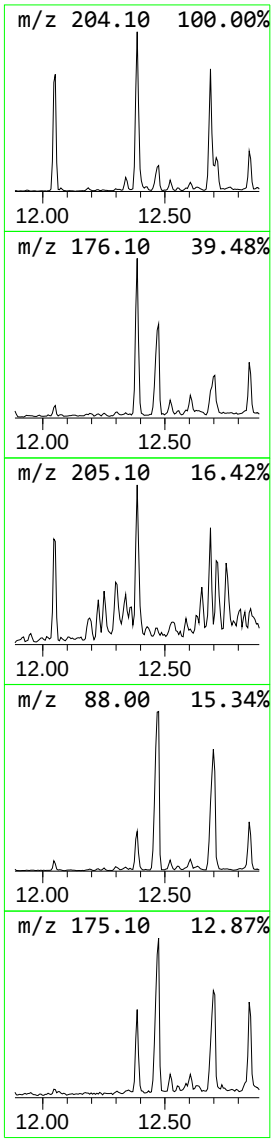
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	9.38 ng	764854	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	80
3	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50





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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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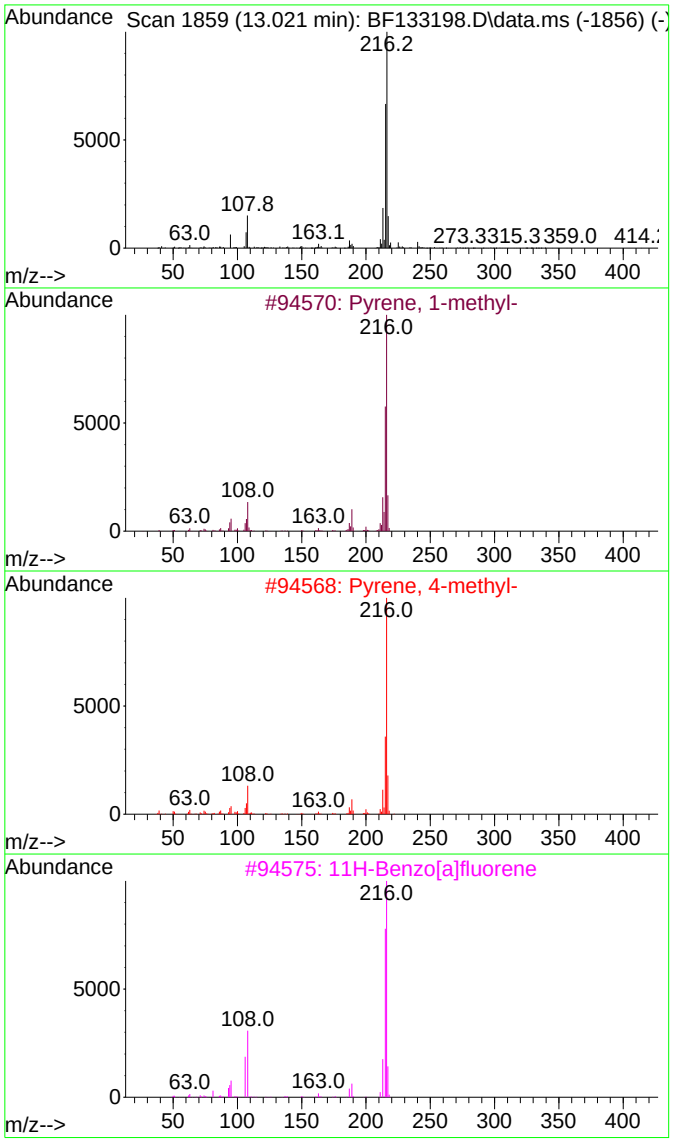
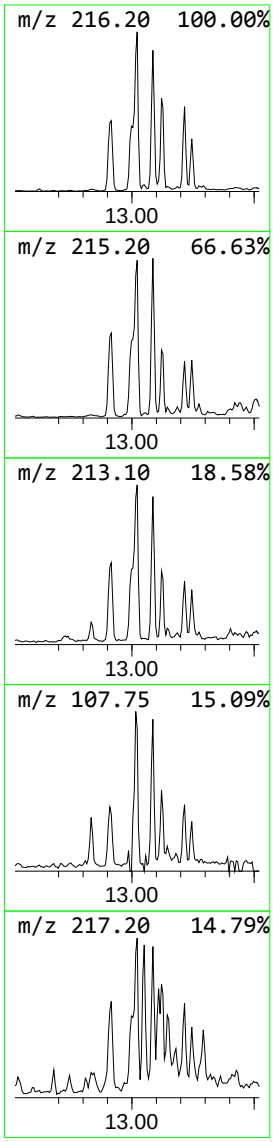
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	3.96 ng	1025490	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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

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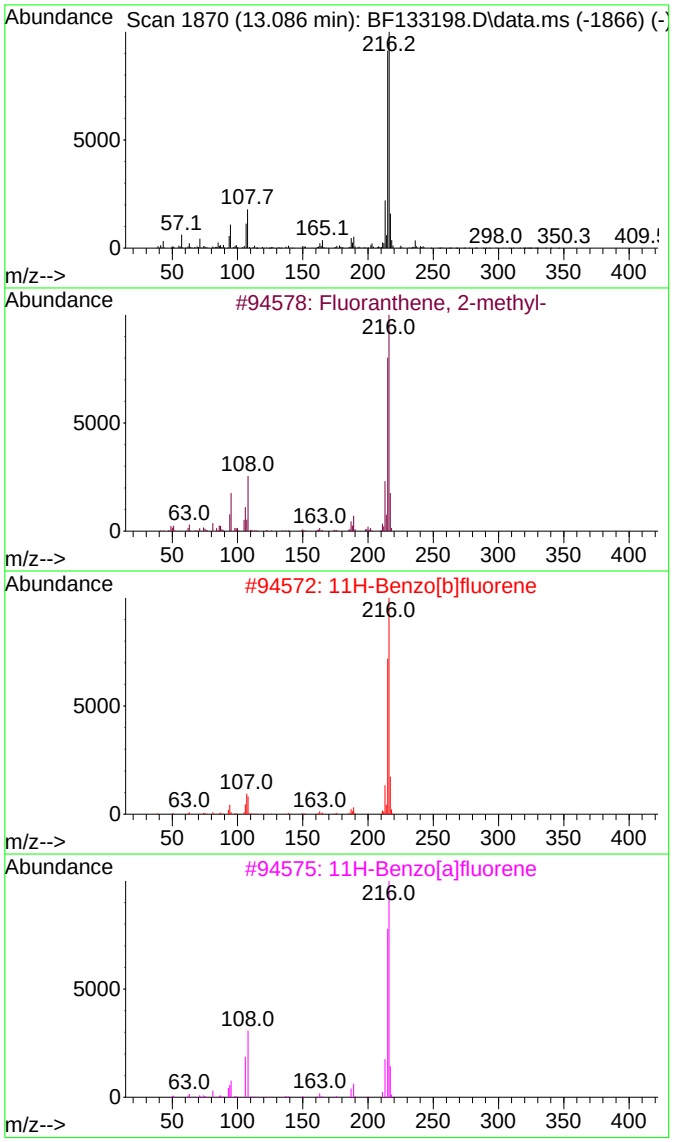
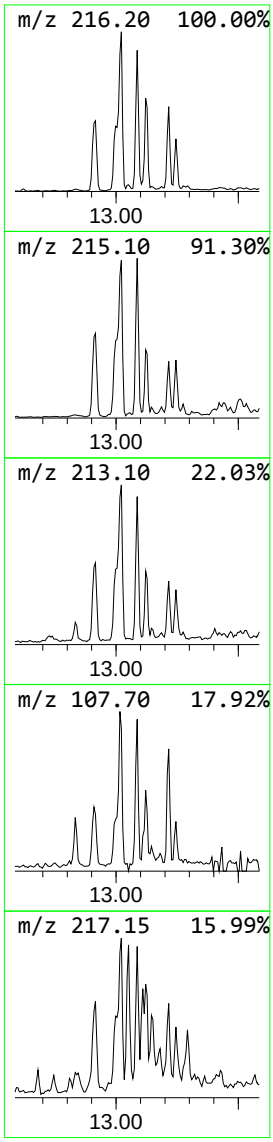
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.93 ng	1018810	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Acq On : 02 May 2023 19:54
Operator : CG\JU
Sample : 02572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251671

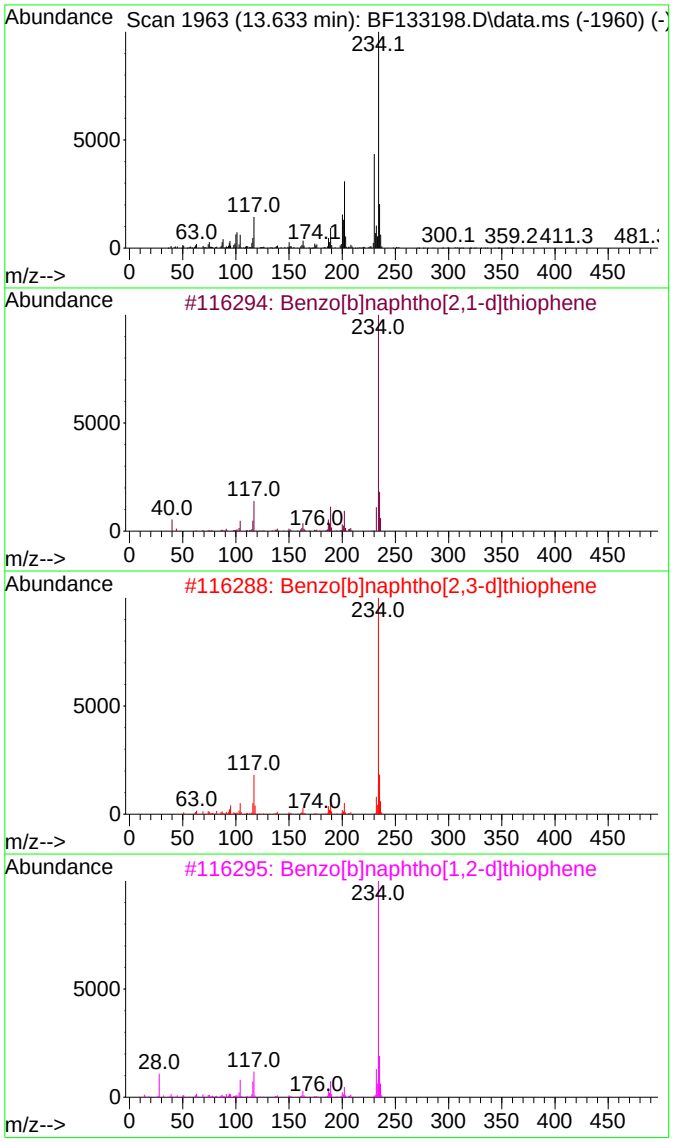
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

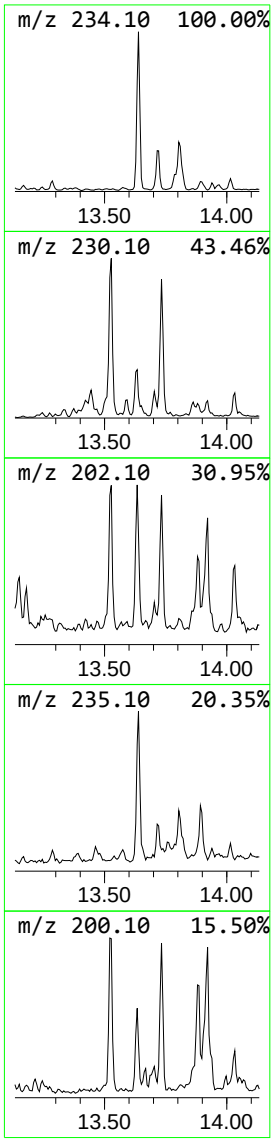
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.633	3.31 ng	857580	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	78
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	43
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
Data File : BF133198.D
Acq On : 02 May 2023 19:54
Operator : CG\JU
Sample : 02572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251671

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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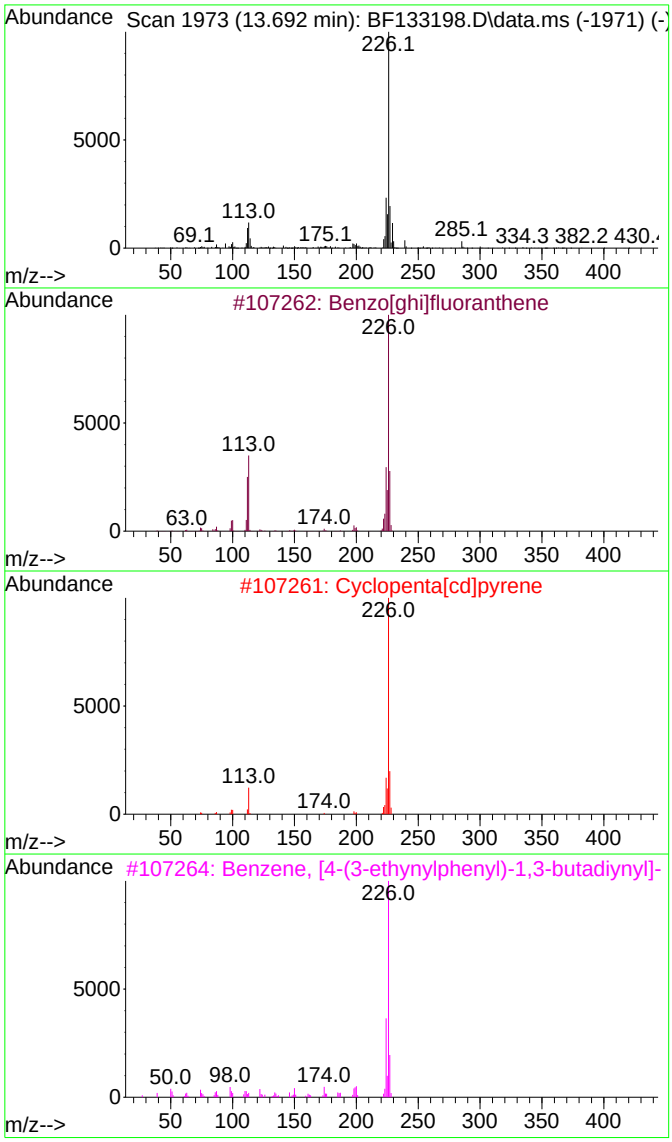
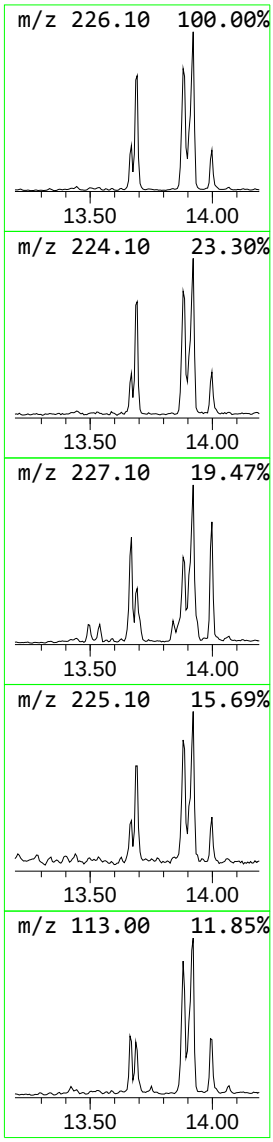
Peak Number 19 Benzo[ghi]fluoranthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.692	3.58 ng	928341	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	89
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	86
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
5	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
Data File : BF133198.D
Acq On : 02 May 2023 19:54
Operator : CG\JU
Sample : 02572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251671

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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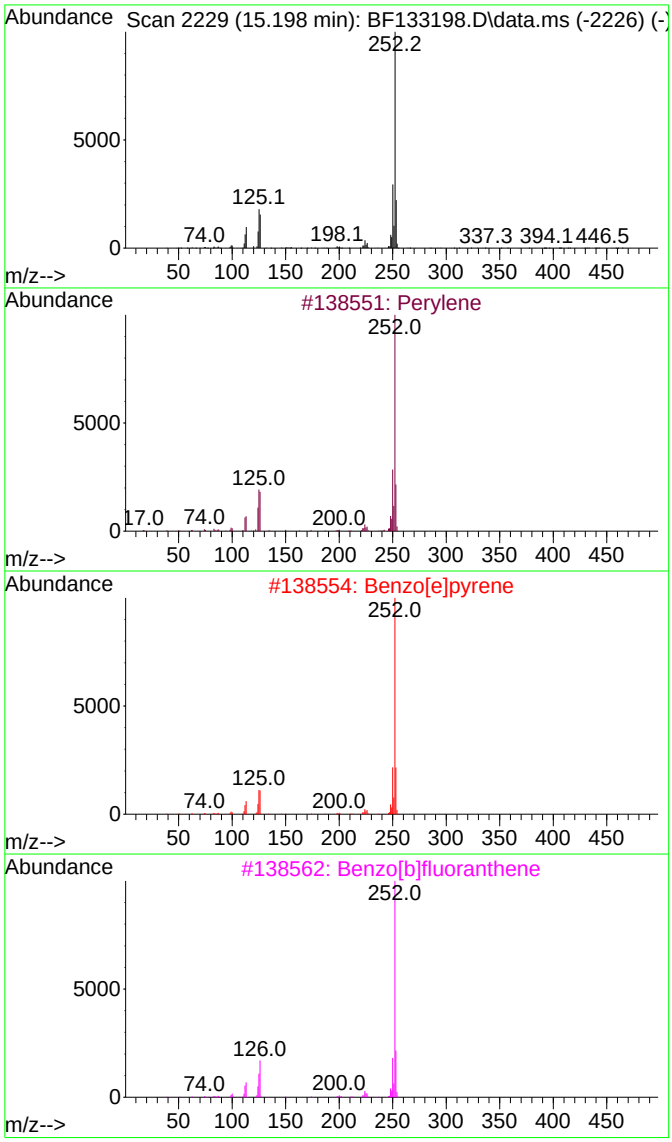
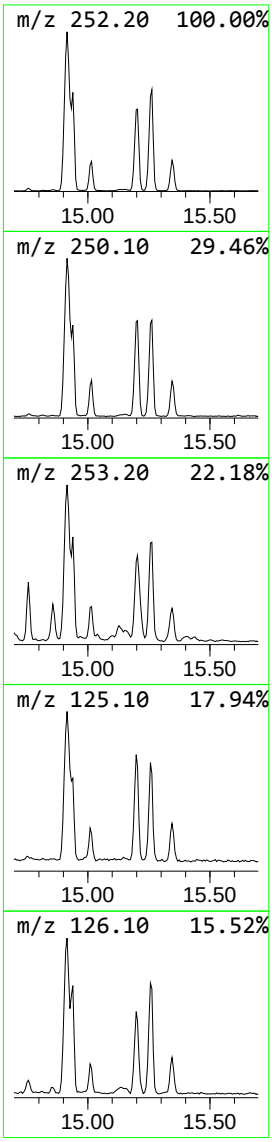
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	36.23 ng	1652640	Perylene-d12	15.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
Data File : BF133198.D
Acq On : 02 May 2023 19:54
Operator : CG\JU
Sample : 02572-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251671

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
Benzophenone	10.475	5.5	ng	501863	3	9.769	1817010	20.0
unknown10.680	10.680	4.9	ng	399671	4	11.251	1631010	20.0
Dibenzothiophene	11.145	5.9	ng	483650	4	11.251	1631010	20.0
Naphthalene, 1-...	11.551	3.3	ng	269886	4	11.251	1631010	20.0
Anthracene, 2-m...	11.751	6.7	ng	545473	4	11.251	1631010	20.0
Phenanthrene, 1...	11.780	13.2	ng	1078210	4	11.251	1631010	20.0
1H-Cyclopropa[l...	11.827	3.4	ng	276353	4	11.251	1631010	20.0
4H-Cyclopenta[d...	11.863	14.2	ng	1157600	4	11.251	1631010	20.0
Anthracene, 1-m...	11.886	3.6	ng	294178	4	11.251	1631010	20.0
Naphthalene, 2-...	12.051	6.2	ng	503896	4	11.251	1631010	20.0
9,10-Anthracene...	12.069	9.8	ng	797163	4	11.251	1631010	20.0
Phenanthrene, 3...	12.198	3.4	ng	276428	4	11.251	1631010	20.0
Naphthalic anhy...	12.304	6.5	ng	529067	4	11.251	1631010	20.0
Nonadecane	12.351	5.1	ng	418753	4	11.251	1631010	20.0
Cyclopenta(def)...	12.386	9.4	ng	764854	4	11.251	1631010	20.0
Pyrene, 1-methyl-	13.021	4.0	ng	1025490	5	13.892	5183570	20.0
Fluoranthene, 2...	13.086	3.9	ng	1018810	5	13.892	5183570	20.0
Benzo[b]naphtho...	13.633	3.3	ng	857580	5	13.892	5183570	20.0
Benzo[ghi]fluor...	13.692	3.6	ng	928341	5	13.892	5183570	20.0
Perylene	15.198	36.2	ng	1652640	6	15.315	912329	20.0