LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135387.D
Acq On : 21 Sep 2023 18:44
Operator : CG\JU
Sample : 04512-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11986

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: BF135387.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	557	561	572	rBV	1105848	1123983	25.68%	1.902%
2	6.398	730	733	750	rBV	1227079	1131115	25.84%	1.914%
3	6.757	790	794	801	rBV	959009	766719	17.52%	1.298%
4	7.316	886	889	896	rBV	722687	663750	15.16%	1.123%
5	8.034	1006	1011	1014	rBV	1070582	942980	21.54%	1.596%
6	8.845	1140	1149	1157	rVB	213254	207147	4.73%	0.351%
7	9.110	1191	1194	1204	rVB	1196240	1042582	23.82%	1.765%
8	9.381	1235	1240	1243	rBV	127868	164005	3.75%	0.278%
9	9.451	1248	1252	1254	rBV	306441	291808	6.67%	0.494%
10	9.475	1254	1256	1261	rVB	150791	146361	3.34%	0.248%
11	9.569	1268	1272	1274	rBV	152210	143796	3.29%	0.243%
12	9.651	1283	1286	1290	rBV	637013	549123	12.55%	0.929%
13	9.792	1303	1310	1313	rBV	1006003	895257	20.45%	1.515%
14	9.822	1313	1315	1319	rVB2	148525	153155	3.50%	0.259%
15	9.998	1341	1345	1348	rVV	177286	195060	4.46%	0.330%
16	10.033	1348	1351	1355	rVB	155925	140936	3.22%	0.239%
17	10.110	1360	1364	1367	rBV	192245	205113	4.69%	0.347%
18	10.192	1375	1378	1381	rBV2	114314	162425	3.71%	0.275%
19	10.339	1401	1403	1410	rVB3	226172	300378	6.86%	0.508%
20	10.586	1439	1445	1449	rBV	605298	611705	13.97%	1.035%
21	10.710	1462	1466	1471	rVB3	164380	196779	4.50%	0.333%
22	10.892	1493	1497	1500	rBV2	143404	192400	4.40%	0.326%
23	11.022	1514	1519	1521	rVV2	115356	141623	3.24%	0.240%
24	11.092	1529	1531	1535	rVV	245589	233318	5.33%	0.395%
25	11.133	1535	1538	1543	rVV2	89205	153829	3.51%	0.260%
26	11.180	1543	1546	1553	rVB	274371	256239	5.85%	0.434%
27	11.286	1560	1564	1566	rBV	884522	811975	18.55%	1.374%
28	11.316	1566	1569	1572	rVV	2699611	2436414	55.66%	4.124%
29	11.363	1574	1577	1580	rVV	601069	485465	11.09%	0.822%
30	11.398	1580	1583	1586	rVV2	158298	187395	4.28%	0.317%
31	11.522	1601	1604	1609	rVV2	171980	234419	5.36%	0.397%
32	11.580	1612	1614	1616	rVV	186208	152359	3.48%	0.258%
33	11.622	1617	1621	1625	rVB2	243132	292111	6.67%	0.494%
34	11.704	1629	1635	1639	rVB2	150035	241280	5.51%	0.408%
35	11.745	1639	1642	1645	rBV	116699	119334	2.73%	0.202%
36	11.792	1646	1650	1652	rVV	970101	837521	19.13%	1.418%

LSC Area Percent Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11986

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	11.822	1652	1655	1659	rVB	1252932	1037278	23.70%	1.756%
38	11.869	1659	1663	1665	rBV	246605	225724	5.16%	0.382%
39	11.904	1665	1669	1671	rVV	1154319	1206369	27.56%	2.042%
40	11.927	1671	1673	1678	rVB	826141	665167	15.20%	1.126%
41	12.027	1687	1690	1692	rVB	160450	139543	3.19%	0.236%
42	12.086	1697	1700	1703	rBV	451813	418421	9.56%	0.708%
43	12.122	1703	1706	1711	rVB	576242	514117	11.75%	0.870%
44	12.222	1720	1723	1724	rBV	132700	131729	3.01%	0.223%
45	12.239	1724	1726	1729	rBV	165020	123829	2.83%	0.210%
46	12.269	1729	1731	1733	rVB	292244	207407	4.74%	0.351%
47	12.292	1733	1735	1738	rVB	256749	214009	4.89%	0.362%
48	12.345	1738	1744	1747	rBV	897780	948959	21.68%	1.606%
49	12.380	1747	1750	1752	rBV2	410908	442478	10.11%	0.749%
50	12.404	1752	1754	1756	rVB	305253	225762	5.16%	0.382%
51	12.439	1756	1760	1763	rBV3	557411	663138	15.15%	1.122%
52	12.516	1768	1773	1776	rBV	3404640	3618282	82.66%	6.124%
53	12.557	1776	1780	1781	rBV	178908	176051	4.02%	0.298%
54	12.574	1781	1783	1785	rVB2	195961	150875	3.45%	0.255%
55	12.604	1785	1788	1791	rVB	342288	281989	6.44%	0.477%
56	12.651	1793	1796	1801	rBV3	256491	366305	8.37%	0.620%
57	12.745	1805	1812	1817	rBV	3382509	4377196	100.00%	7.409%
58	12.792	1817	1820	1824	rVB2	342161	435715	9.95%	0.737%
59	12.857	1827	1831	1832	rBV2	245556	248314	5.67%	0.420%
60	12.880	1832	1835	1837	rBV	755022	553372	12.64%	0.937%
61	12.957	1843	1848	1853	rBV2	541648	900653	20.58%	1.524%
62	13.016	1855	1858	1860	rVV2	171132	185382	4.24%	0.314%
63	13.045	1860	1863	1865	rVV3	537219	704744	16.10%	1.193%
64	13.069	1865	1867	1870	rVB	766303	663242	15.15%	1.123%
65	13.116	1870	1875	1876	rBV3	172220	204597	4.67%	0.346%
66	13.133	1876	1878	1881	rVV	361824	391527	8.94%	0.663%
67	13.174	1881	1885	1889	rVV2	867013	974536	22.26%	1.649%
68	13.233	1892	1895	1898	rVV3	150015	221976	5.07%	0.376%
69	13.269	1898	1901	1903	rVV	600897	562794	12.86%	0.953%
70	13.298	1903	1906	1909	rVV	642398	606859	13.86%	1.027%
71	13.327	1909	1911	1915	rVB3	114021	125480	2.87%	0.212%
72	13.386	1918	1921	1924	rVB2	125970	143537	3.28%	0.243%
73	13.557	1947	1950	1952	rBV	114640	128407	2.93%	0.217%
74	13.586	1952	1955	1959	rVV	646040	627055	14.33%	1.061%
75	13.639	1962	1964	1967	rVB	152256	141961	3.24%	0.240%
76	13.692	1968	1973	1976	rBV	668716	850846	19.44%	1.440%

LSC Area Percent Report

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Sample : 04512-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11986

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

77	13.721	1976	1978	1980	rVV	454190	381719	8.72%	0.646%
78	13.745	1980	1982	1988	rVV3	381889	555499	12.69%	0.940%
79	13.798	1988	1991	1994	rVB	594227	538076	12.29%	0.911%
80	13.939	2009	2015	2019	rBV2	2064434	3227260	73.73%	5.462%
81	13.974	2019	2021	2028	rVB	1911663	1977147	45.17%	3.346%
82	14.051	2032	2034	2036	rVB	228572	150026	3.43%	0.254%
83	14.098	2039	2042	2048	rBV3	312470	445396	10.18%	0.754%
84	14.180	2054	2056	2058	rVB	153746	124191	2.84%	0.210%
85	14.210	2058	2061	2063	rVB4	121845	128695	2.94%	0.218%
86	14.263	2068	2070	2073	rBV3	115254	124159	2.84%	0.210%
87	14.298	2073	2076	2078	rBV2	181182	179885	4.11%	0.304%
88	14.339	2078	2083	2085	rVV	571354	617293	14.10%	1.045%
89	14.368	2085	2088	2092	rVB	348964	294651	6.73%	0.499%
90	14.463	2101	2104	2106	rBV	362832	355512	8.12%	0.602%
91	14.721	2146	2148	2152	rBV2	106520	161259	3.68%	0.273%
92	14.827	2163	2166	2170	rBV2	176247	224811	5.14%	0.381%
93	14.992	2189	2194	2201	rBV2	1274181	2517946	57.52%	4.262%
94	15.098	2208	2212	2216	rVB	271022	315259	7.20%	0.534%
95	15.292	2241	2245	2251	rVB	802964	1023268	23.38%	1.732%
96	15.357	2251	2256	2261	rBV	1064580	1402793	32.05%	2.374%
97	15.415	2262	2266	2268	rVV	397053	478671	10.94%	0.810%
98	15.445	2268	2271	2278	rVB2	310938	492903	11.26%	0.834%
99	16.898	2512	2518	2525	rVB2	464436	922648	21.08%	1.562%
100	17.345	2589	2594	2609	rVB	364387	827221	18.90%	1.400%

Sum of corrected areas: 59081772

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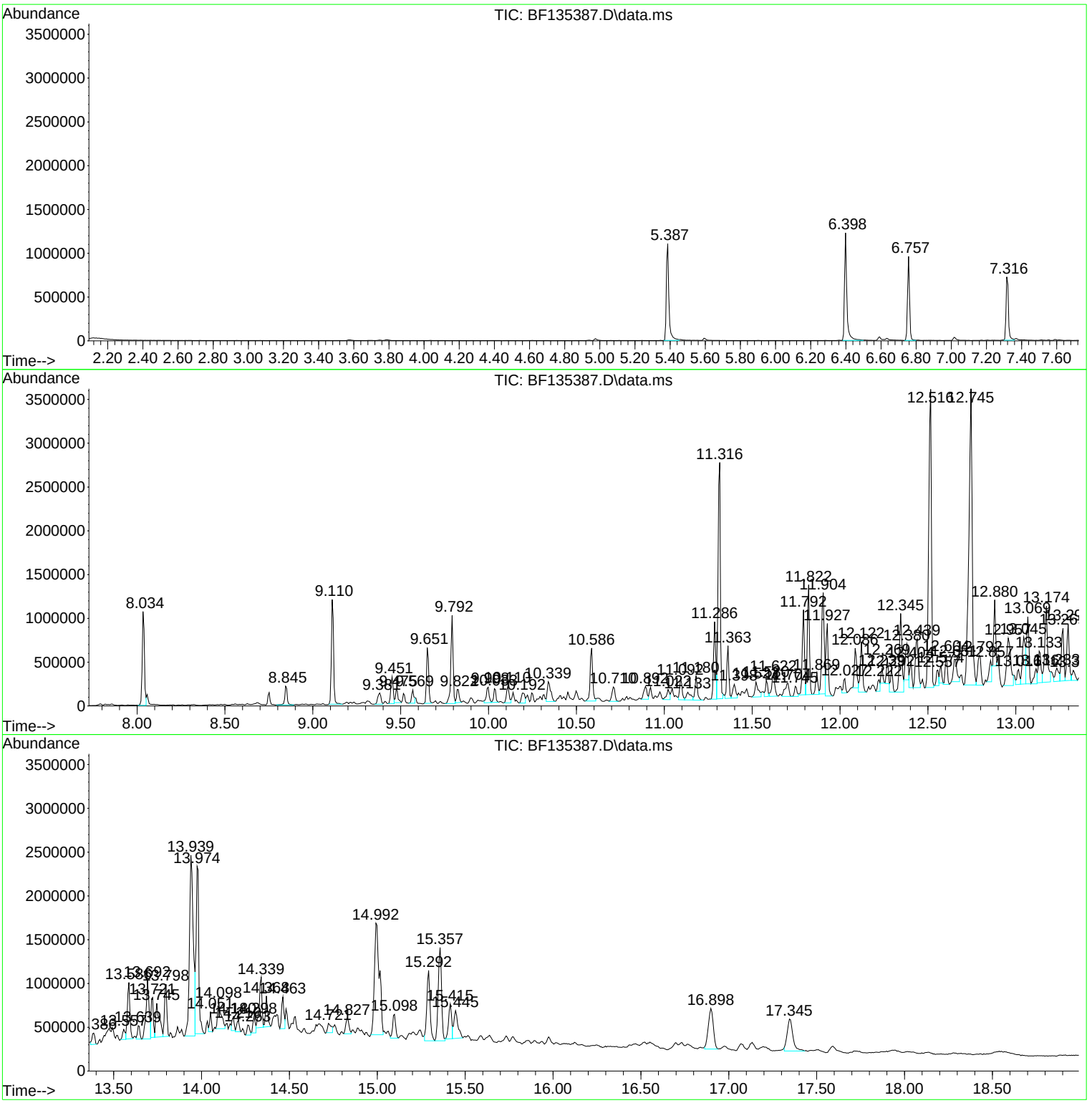
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11986

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\BF092123\
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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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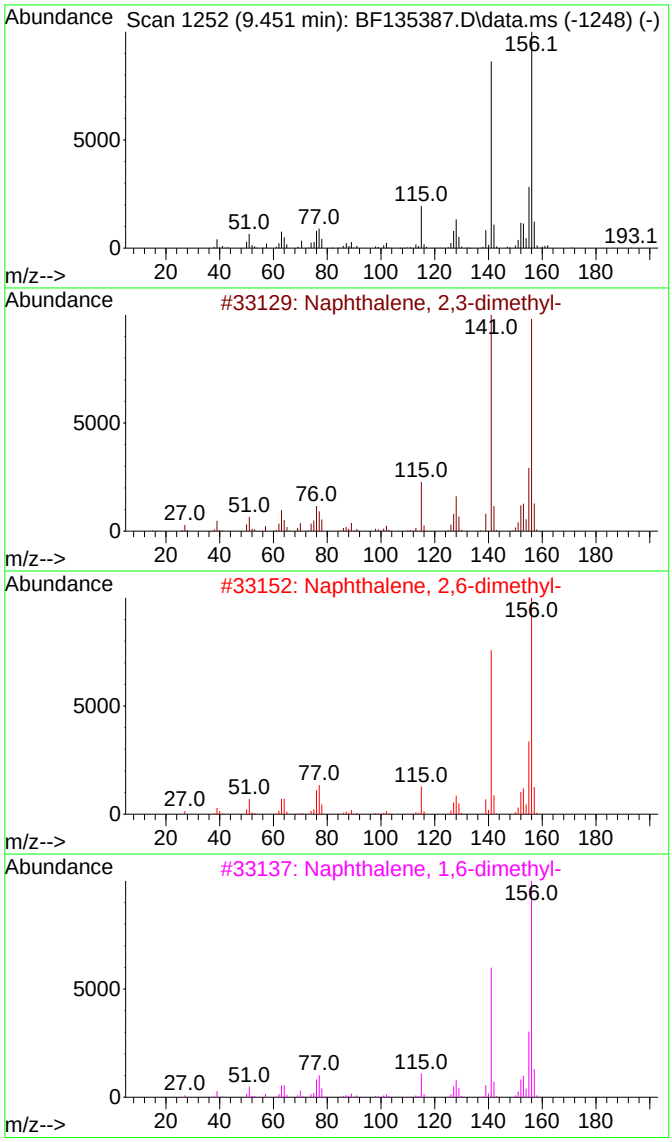
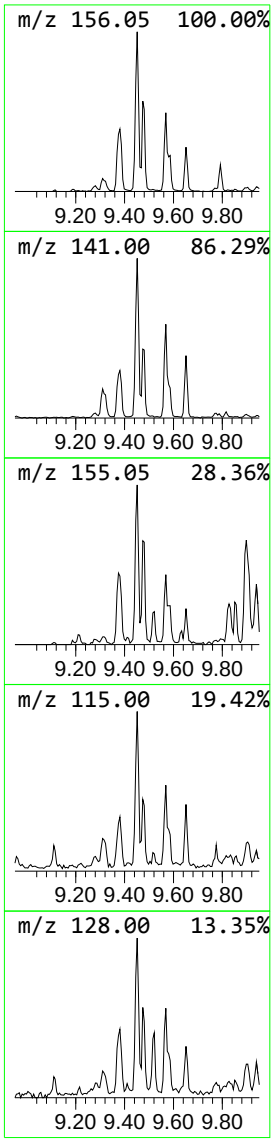
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	6.52 ng	291808	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135387.D
Acq On : 21 Sep 2023 18:44
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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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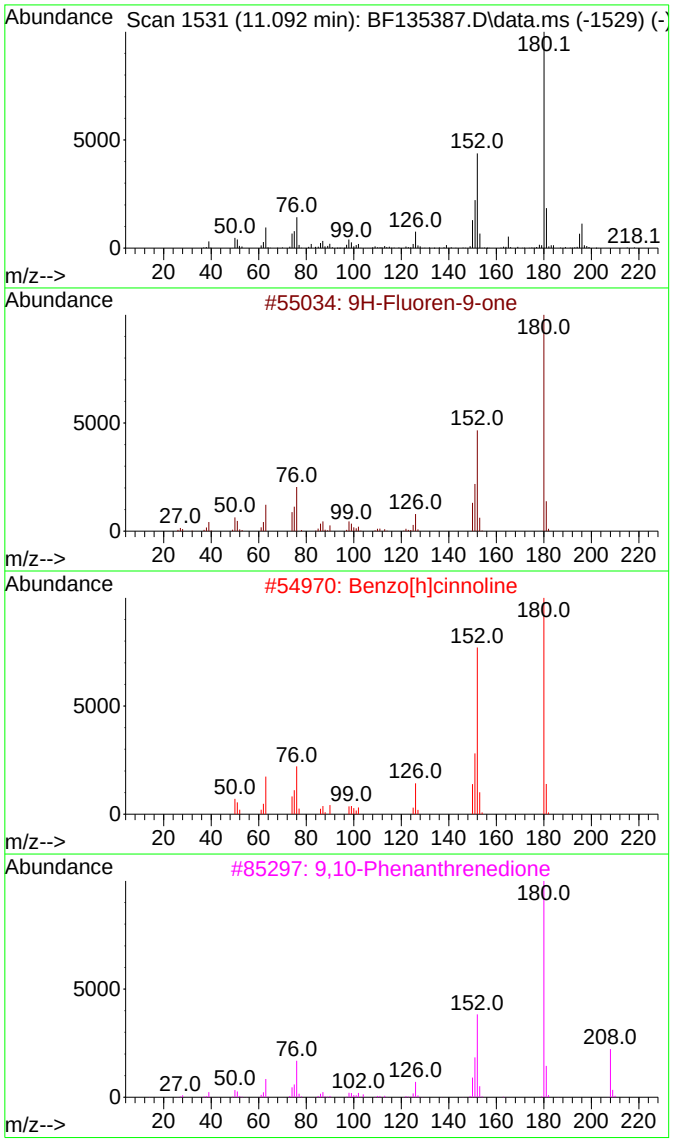
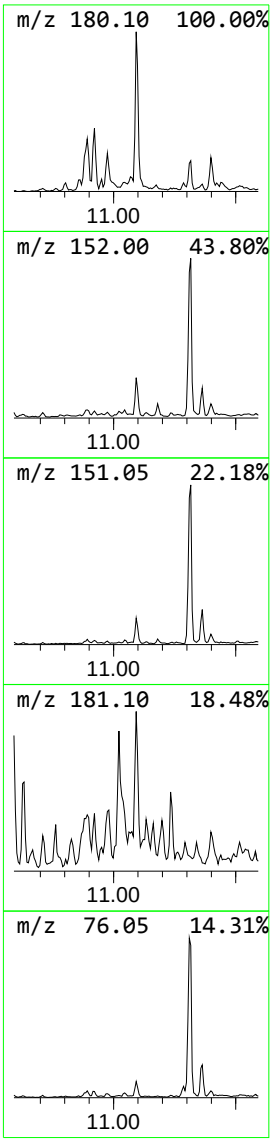
Peak Number 2 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.092	5.75 ng	233318	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	53





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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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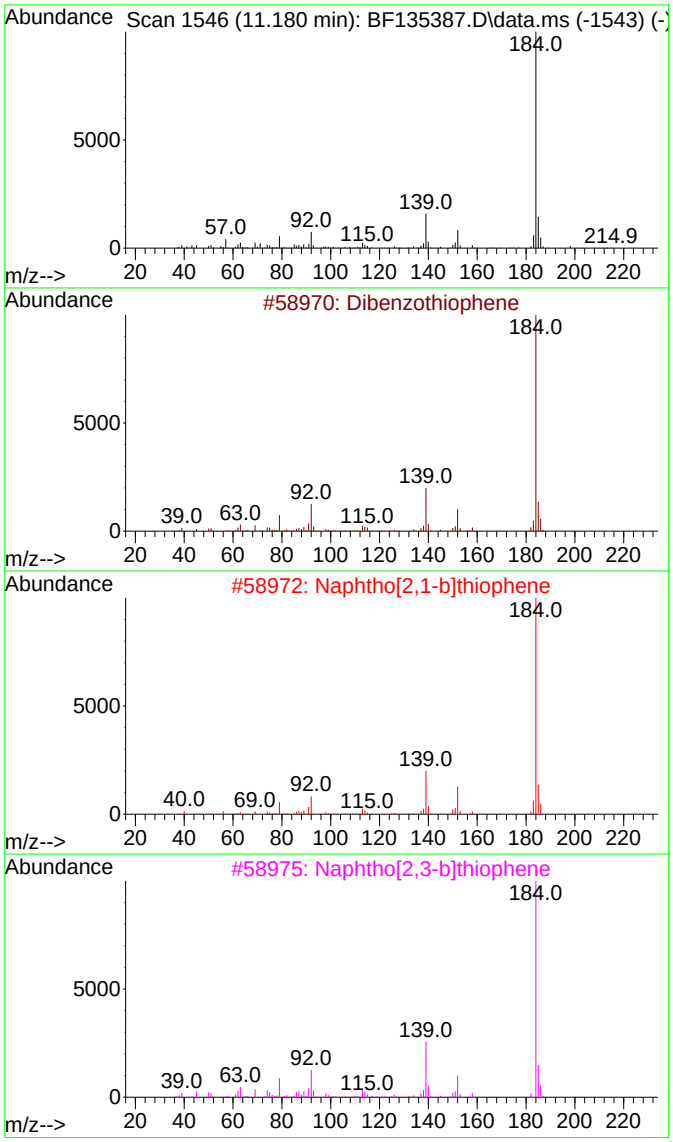
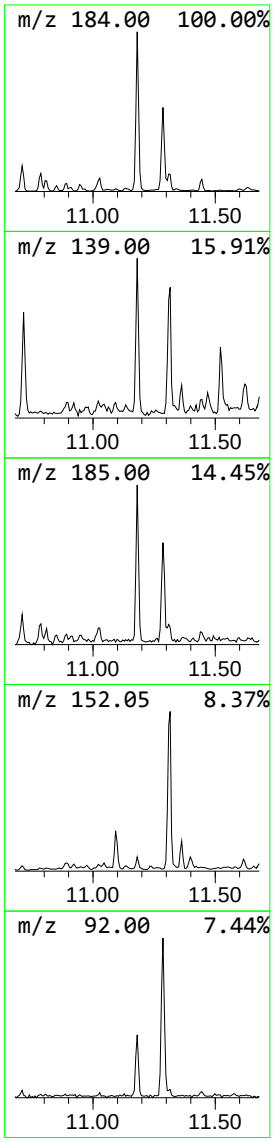
Peak Number 3 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	6.31 ng	256239	Phenanthrene-d10	11.286

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	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Misc :
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Instrument :
BNA_F
ClientSampleId :
72-11986

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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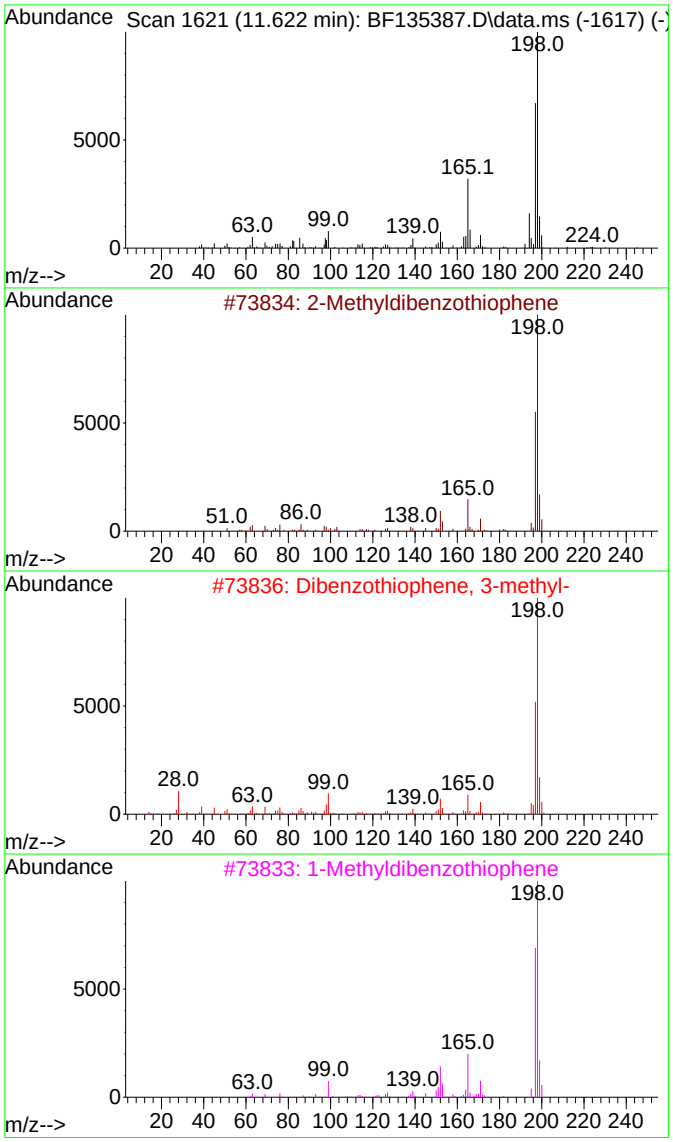
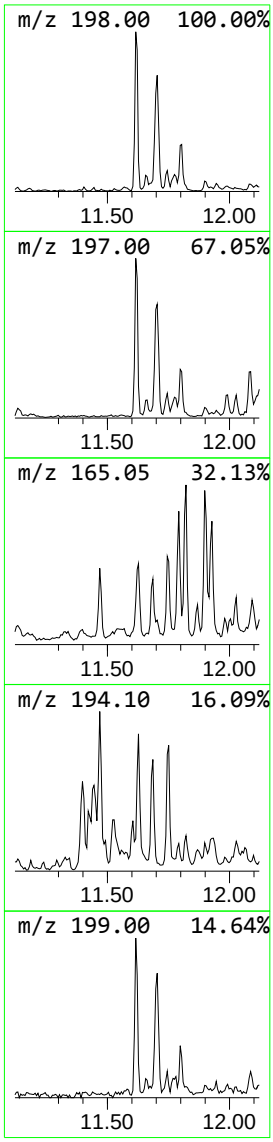
Peak Number 4 2-Methyldibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.622	7.20 ng	292111	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	72
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135387.D
Acq On : 21 Sep 2023 18:44
Operator : CG\JU
Sample : 04512-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
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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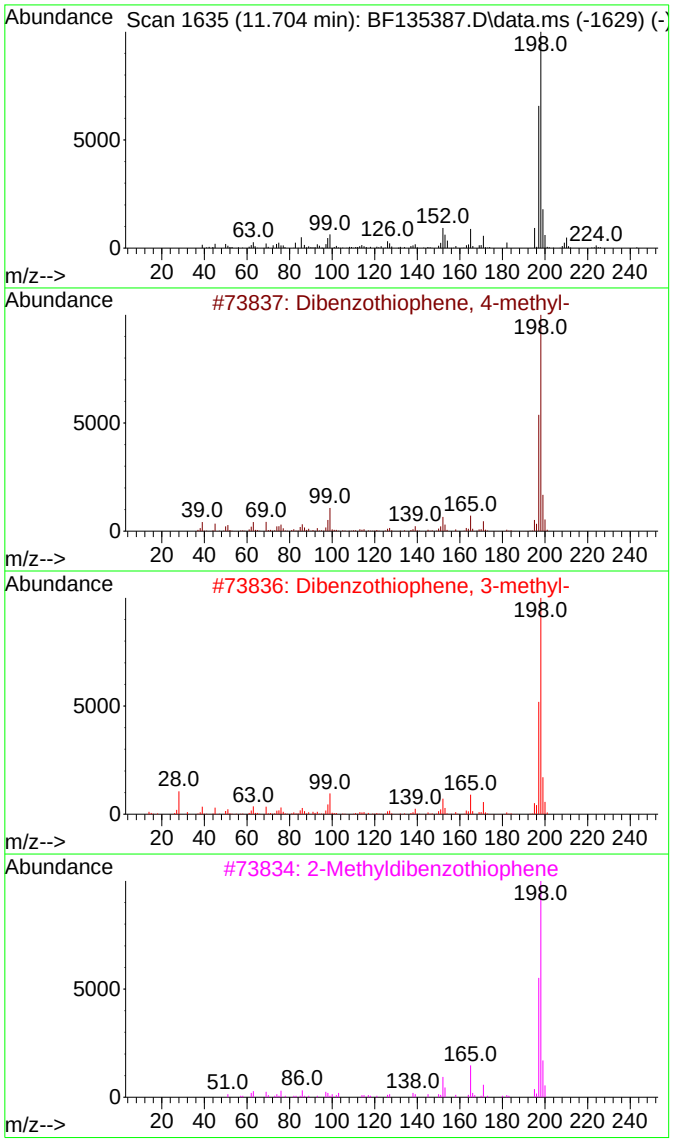
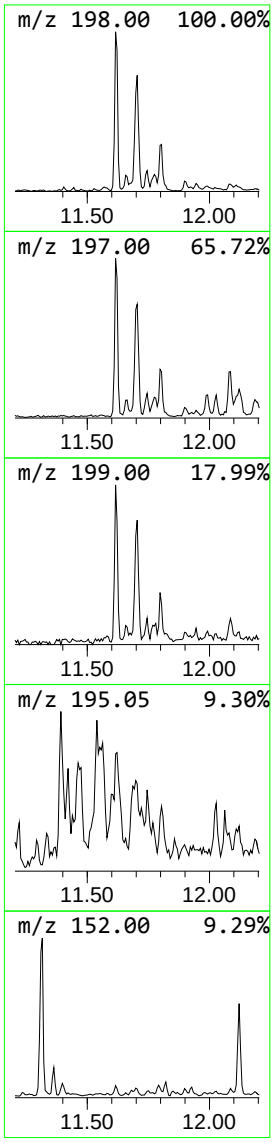
Peak Number 5 Dibenzothiophene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	5.94 ng	241280	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	87





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Operator : CG\JU
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Misc :
ALS Vial : 19 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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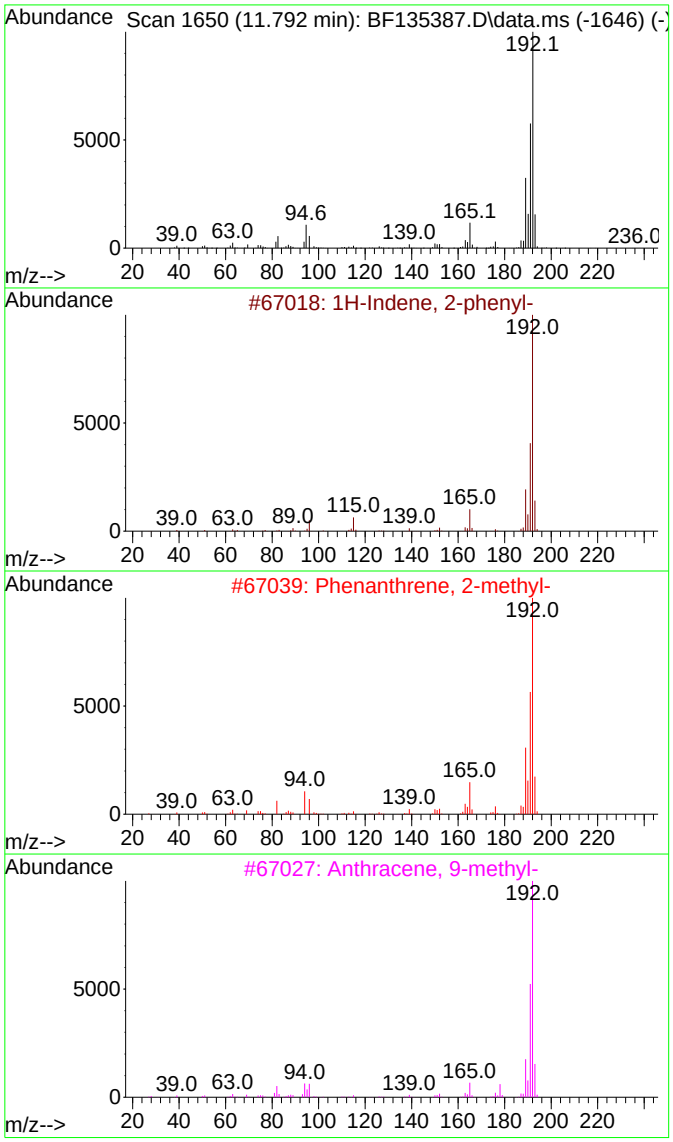
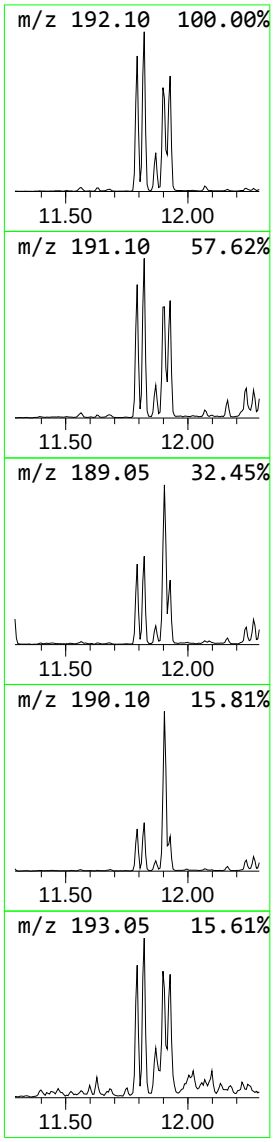
Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	20.63 ng	837521	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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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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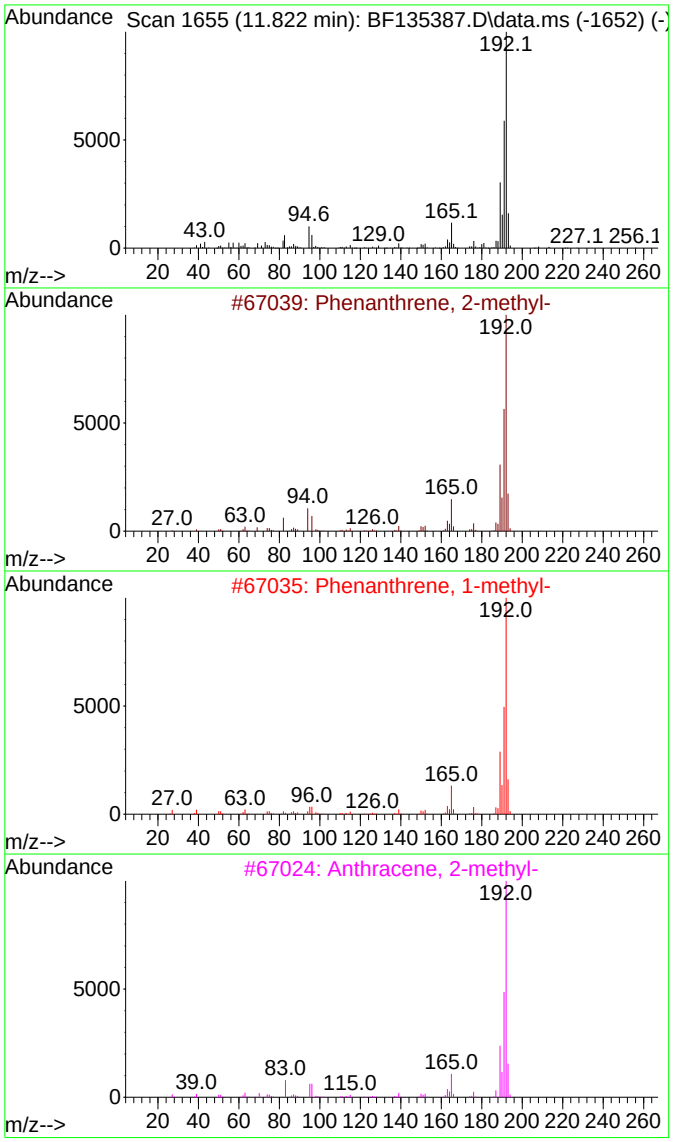
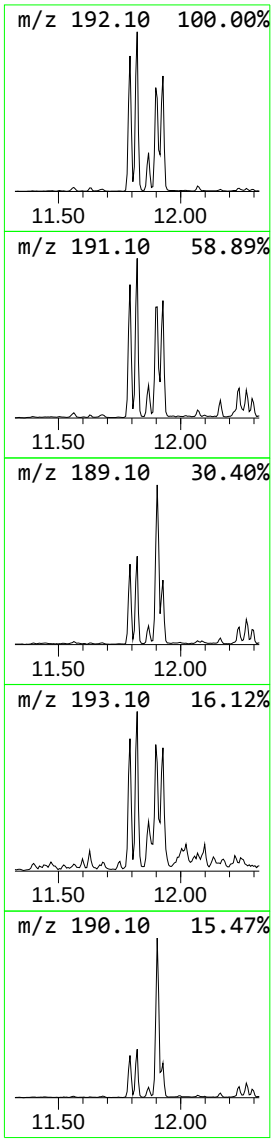
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	25.55 ng	1037280	Phenanthrene-d10	11.286

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	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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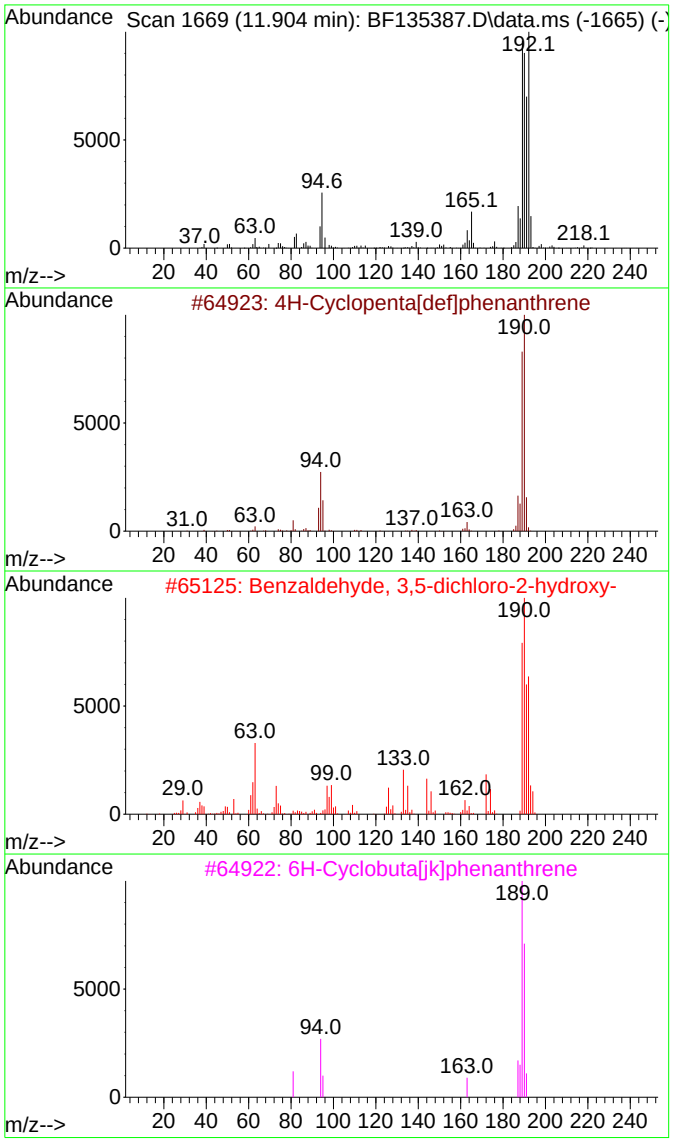
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

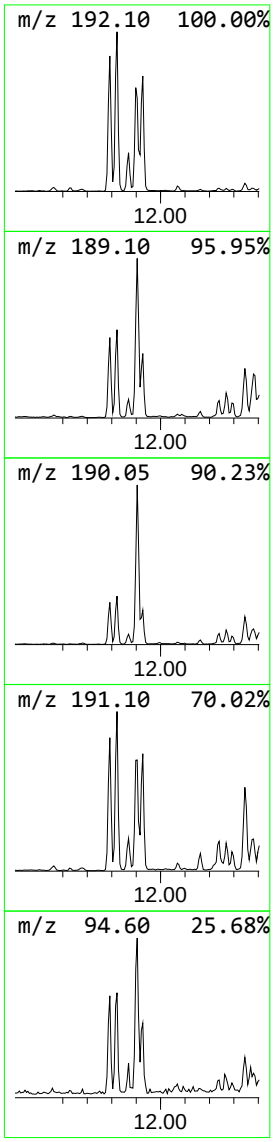
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	29.71 ng	1206370	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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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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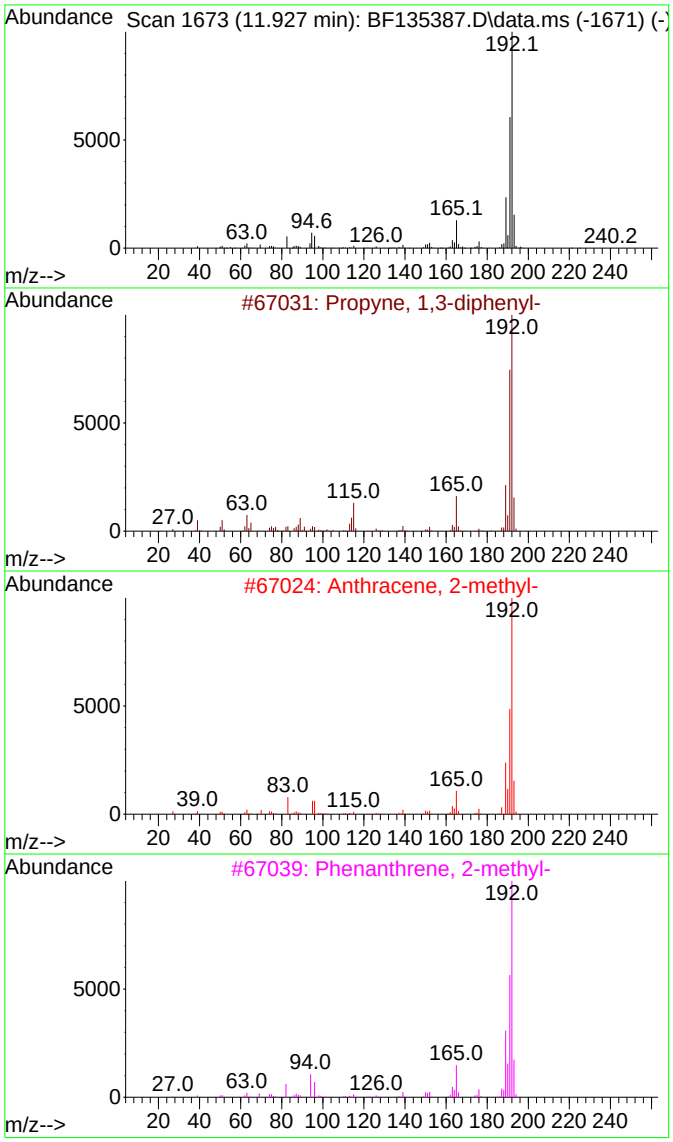
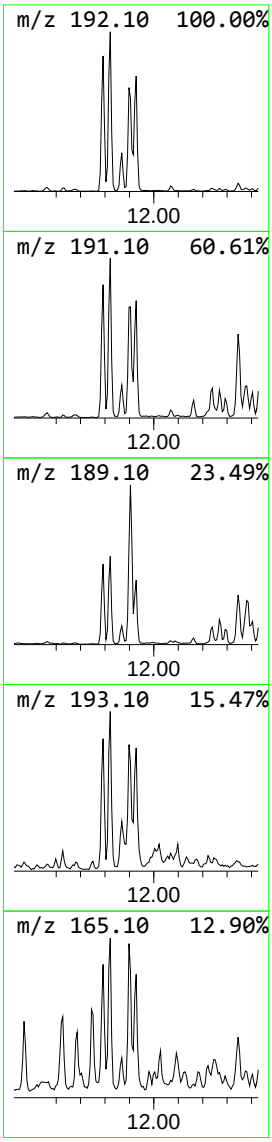
Peak Number 9 Propyne, 1,3-diphenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	16.38 ng	665167	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81





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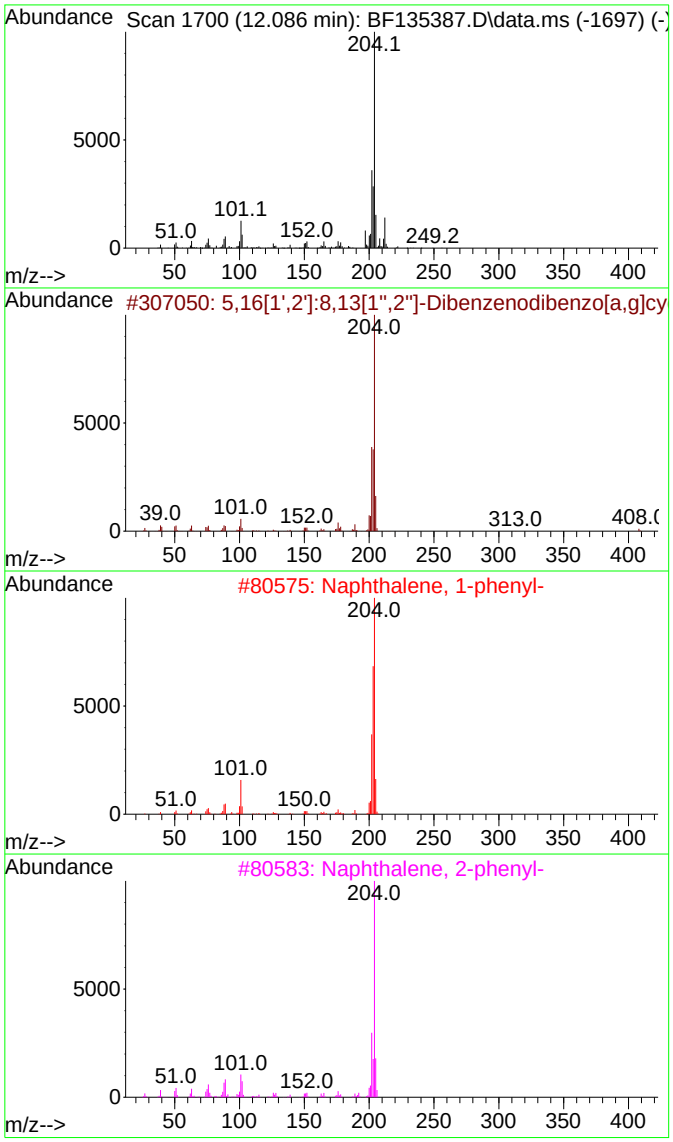
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

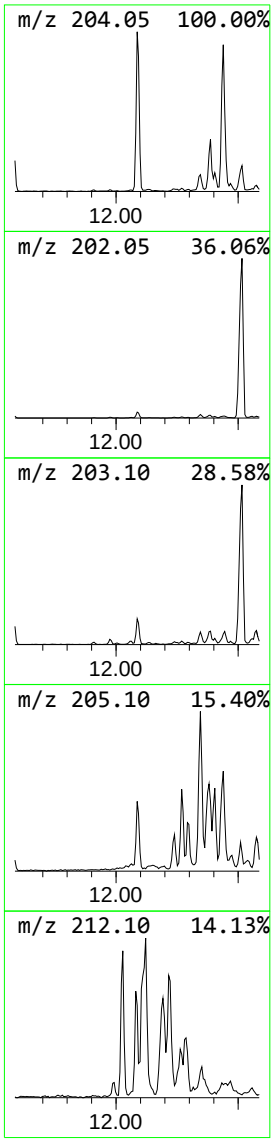
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	10.31 ng	418421	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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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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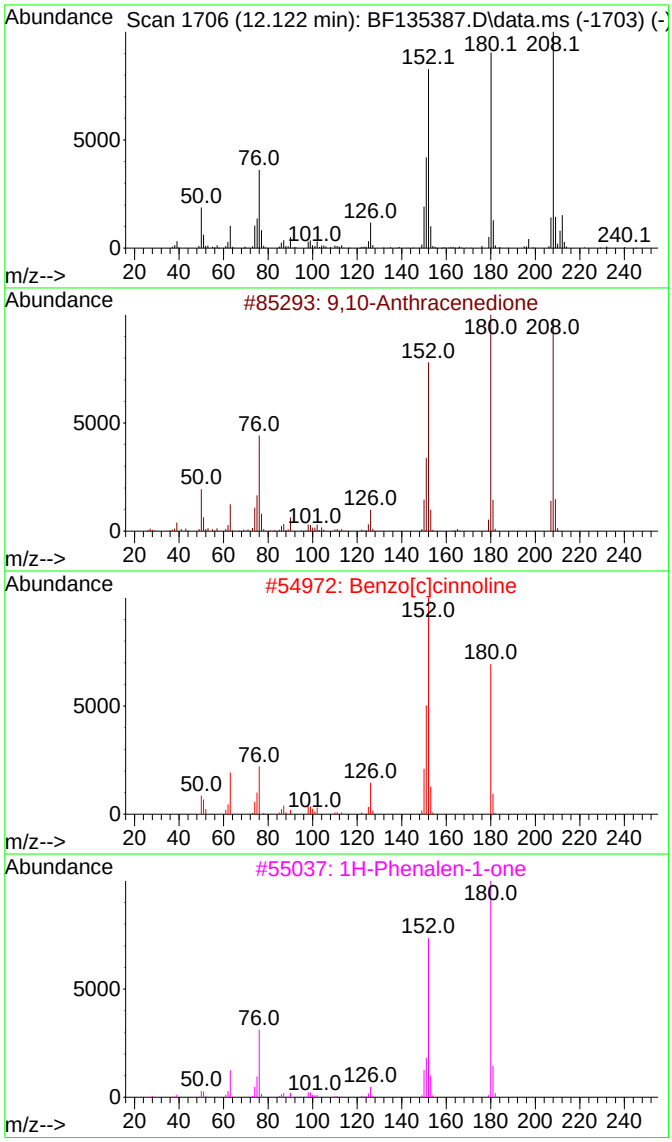
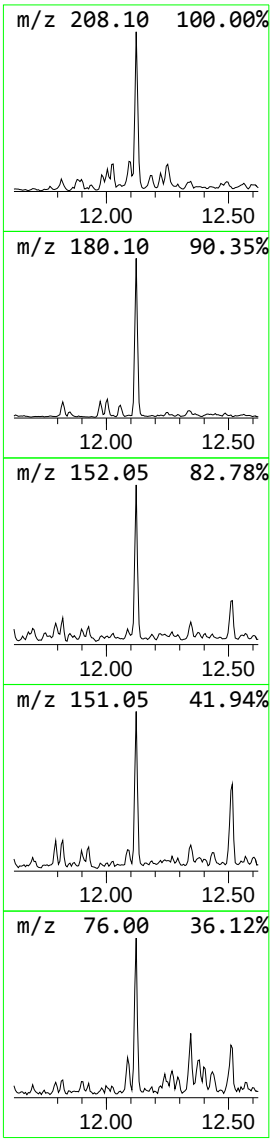
Peak Number 11 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	12.66 ng	514117	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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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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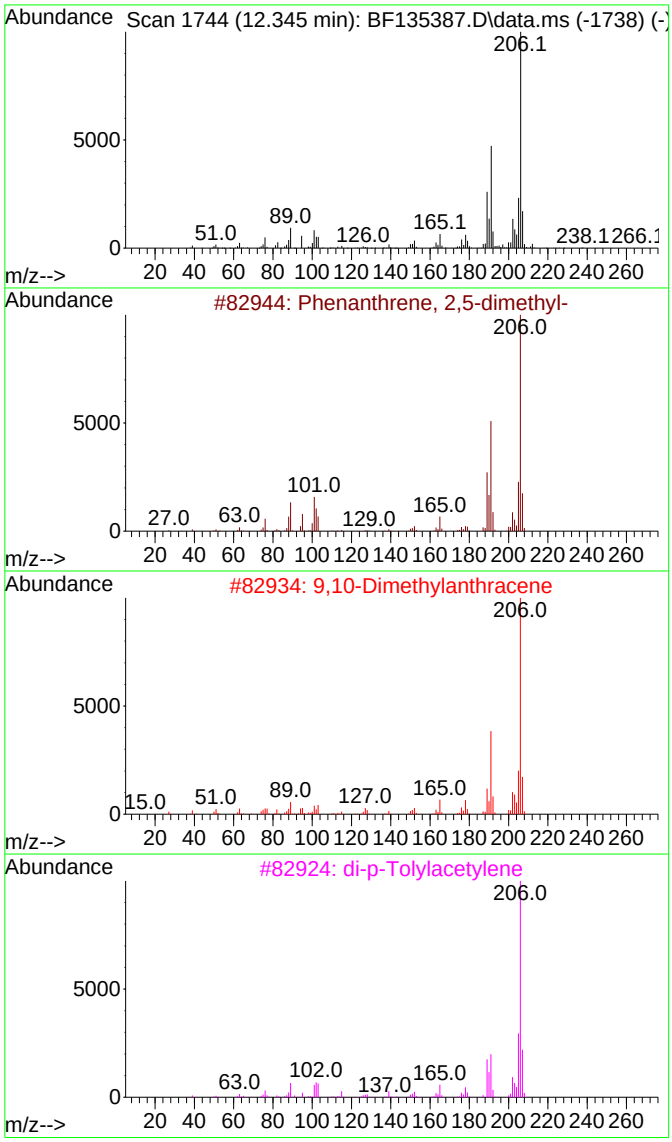
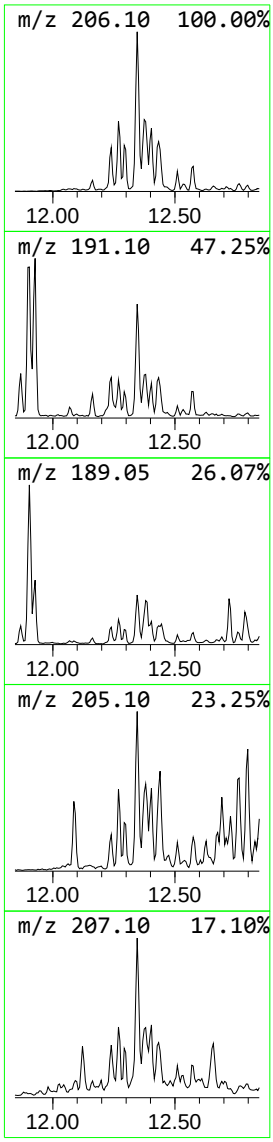
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	23.37 ng	948959	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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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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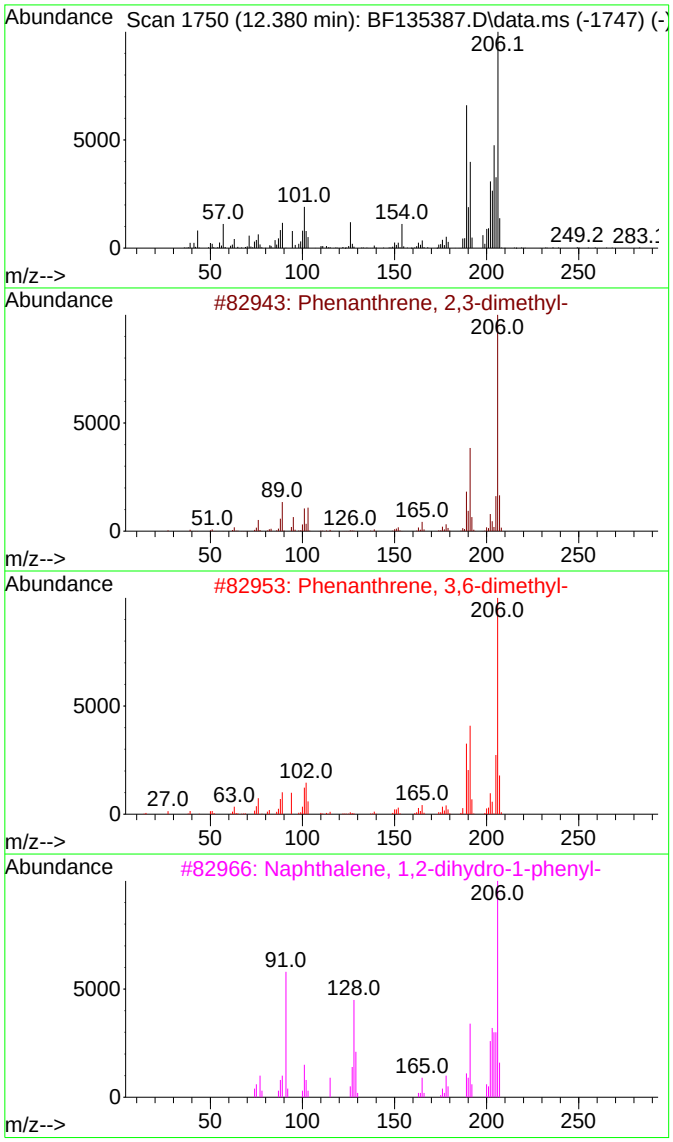
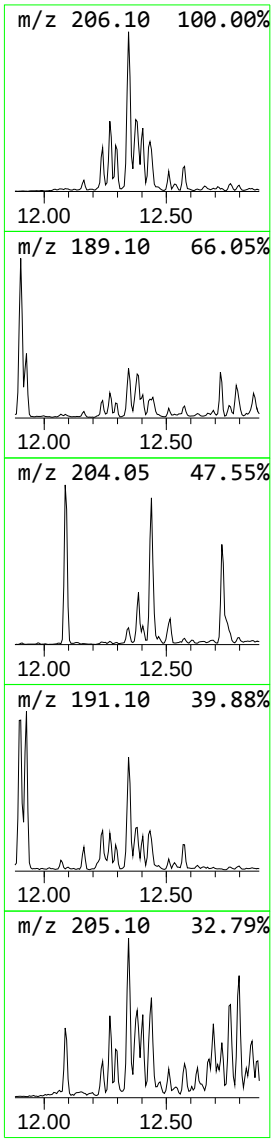
Peak Number 13 unknown12.380 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	10.90 ng	442478	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	49
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	46
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	43
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38





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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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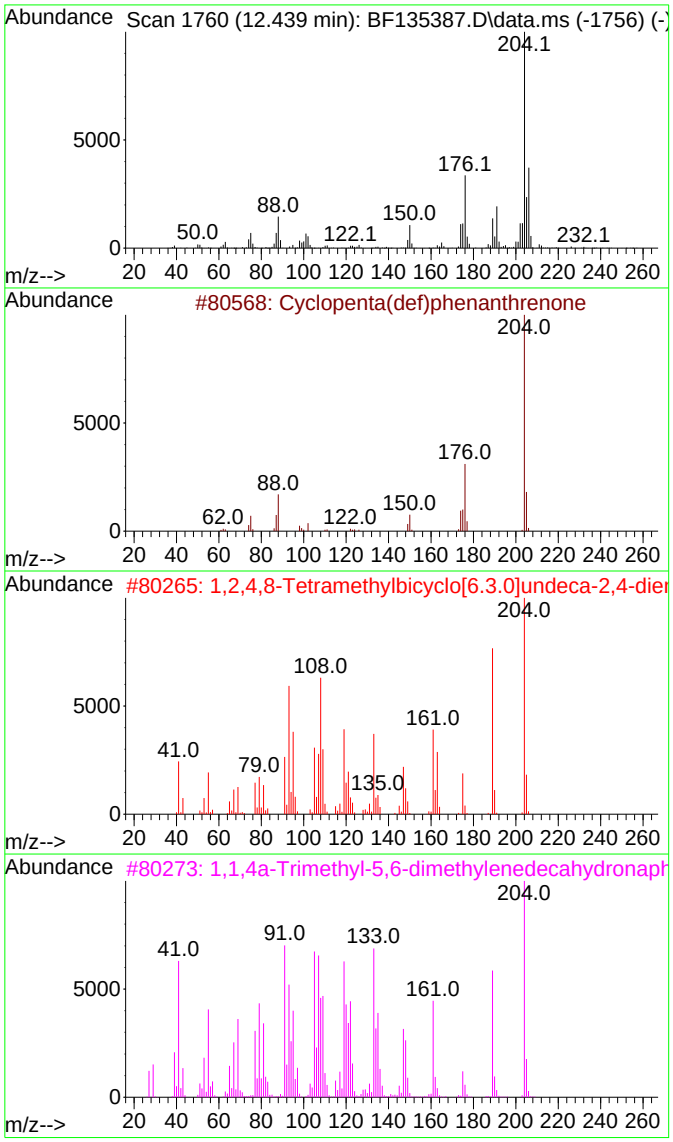
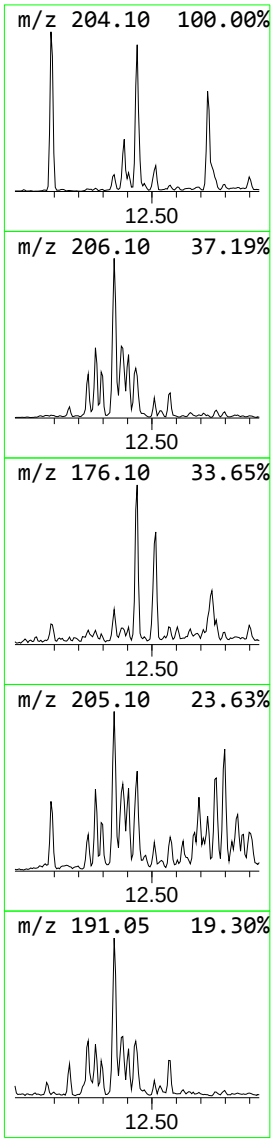
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	16.33 ng	663138	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	87
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	74
4	.alpha.-L-6-Deoxymannopyranose, ...	452	C18H44O5Si4	055057-21-1	50
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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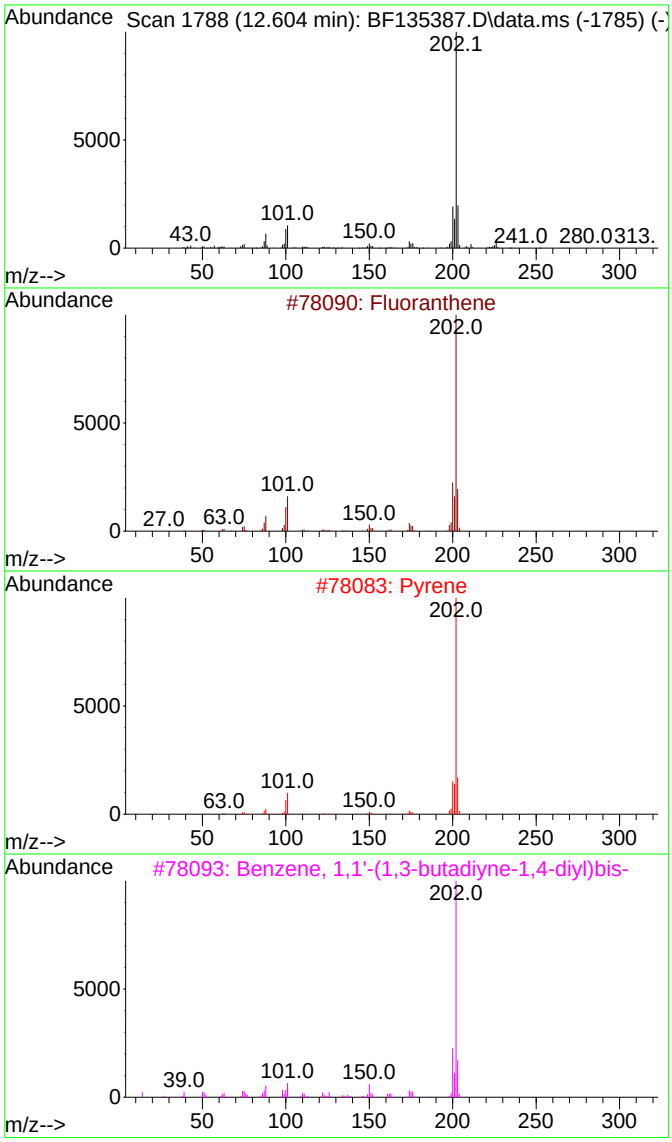
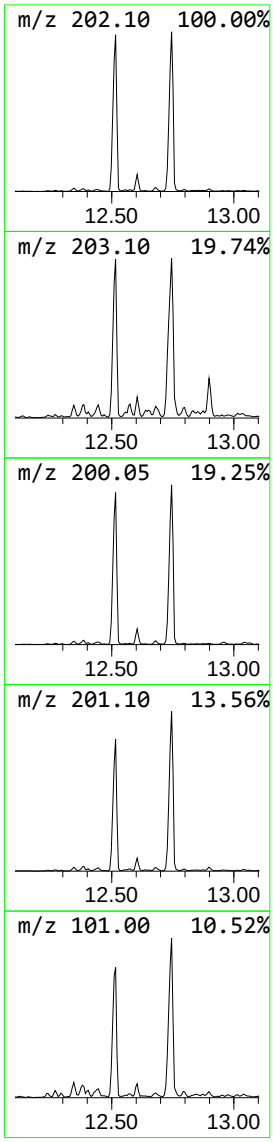
****
Peak Number 15 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	6.95 ng	281989	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	94
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	2-pyrazinol, 3-bromo-5,6-dimethyl-	202	C6H7BrN2O	1010396-05-3	38
5	l-Leucyl-l-leucine, N,N'-dimethy...	528	C29H56N2O6	1000328-59-7	25





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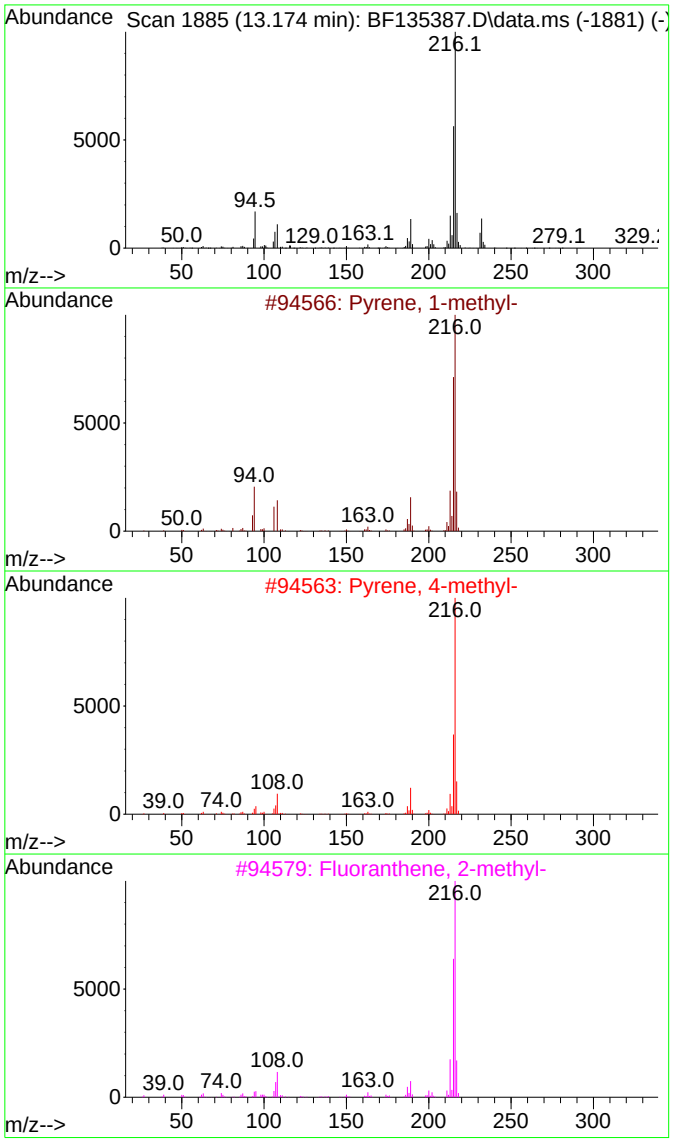
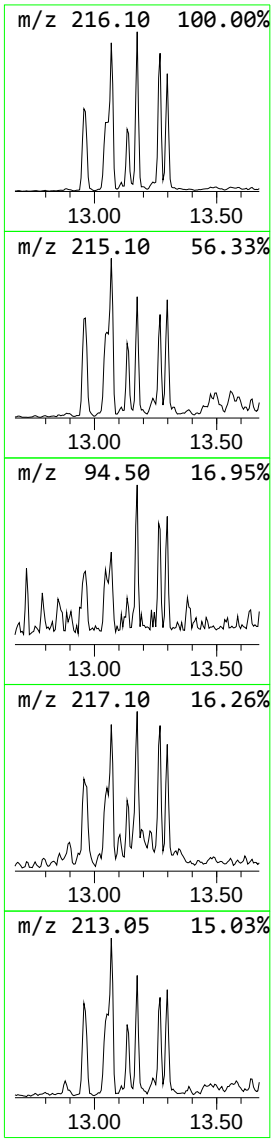
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	6.04 ng	974536	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 21 Sep 2023 18:44
Operator : CG\JU
Sample : 04512-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11986

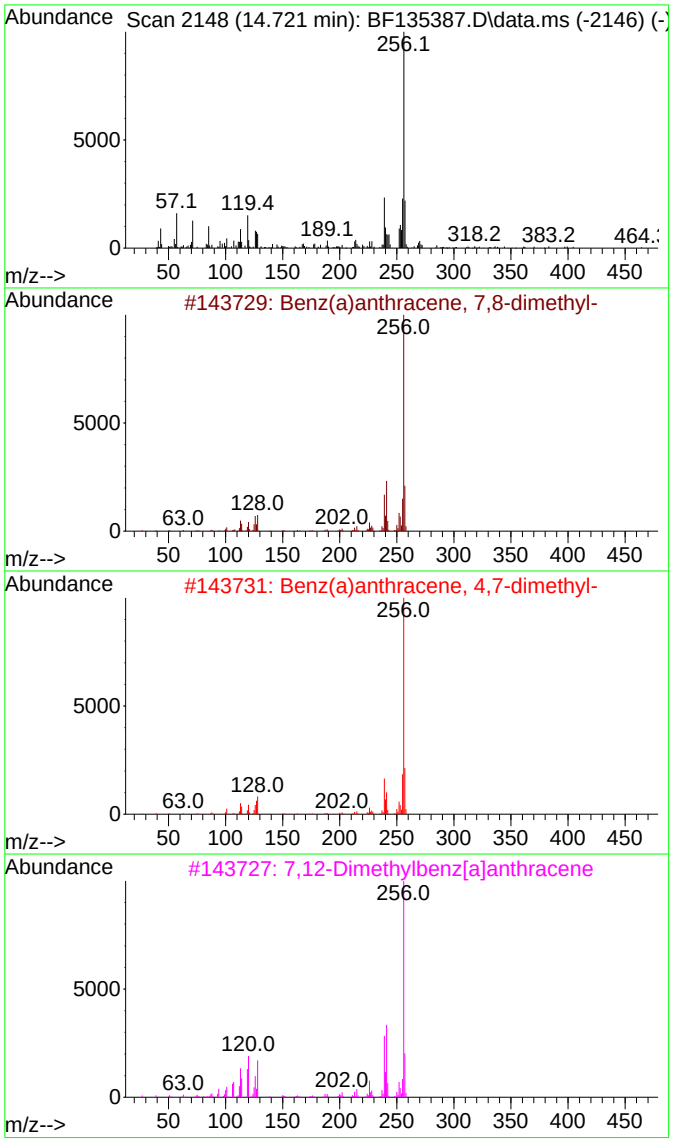
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

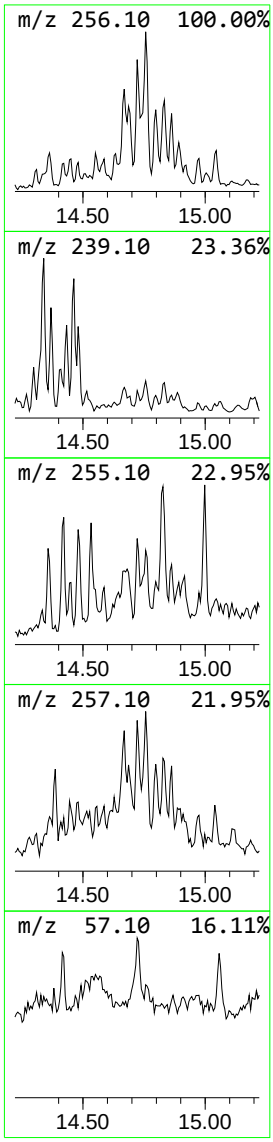
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz(a)anthracene, 7,8-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.721	6.74 ng	161259	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	86
2	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	83
3	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	81
4	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	74
5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	74





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TIC Integration Parameters: LSCINT.P

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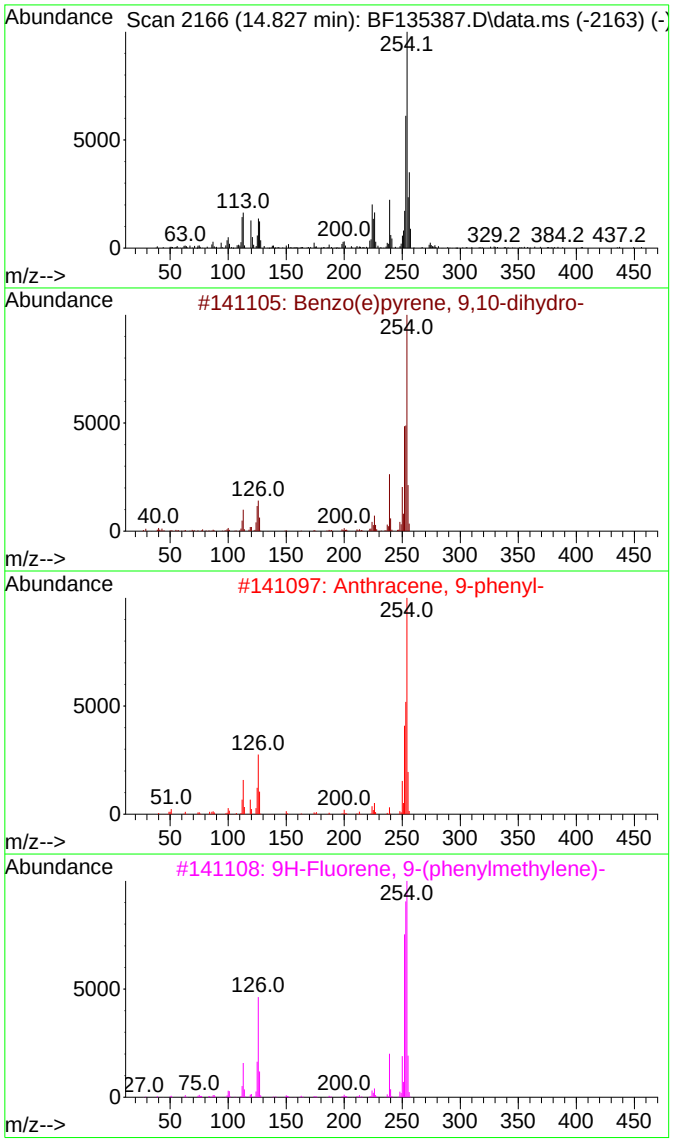
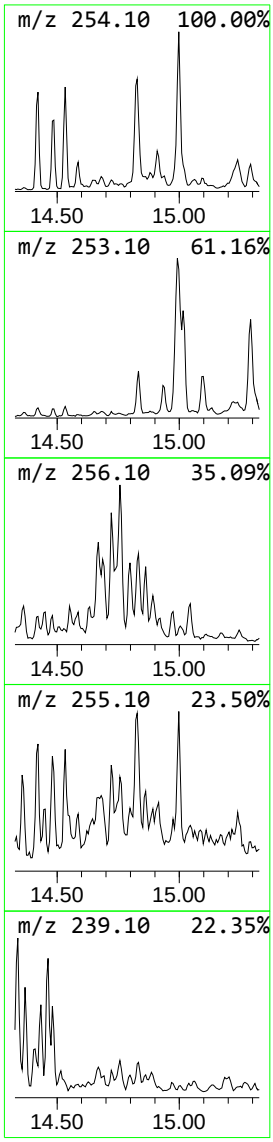
Peak Number 18 Benzo(e)pyrene, 9,10-dihydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	9.39 ng	224811	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	76
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	60
4	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	58
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	58





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Acq On : 21 Sep 2023 18:44
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Sample : 04512-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11986

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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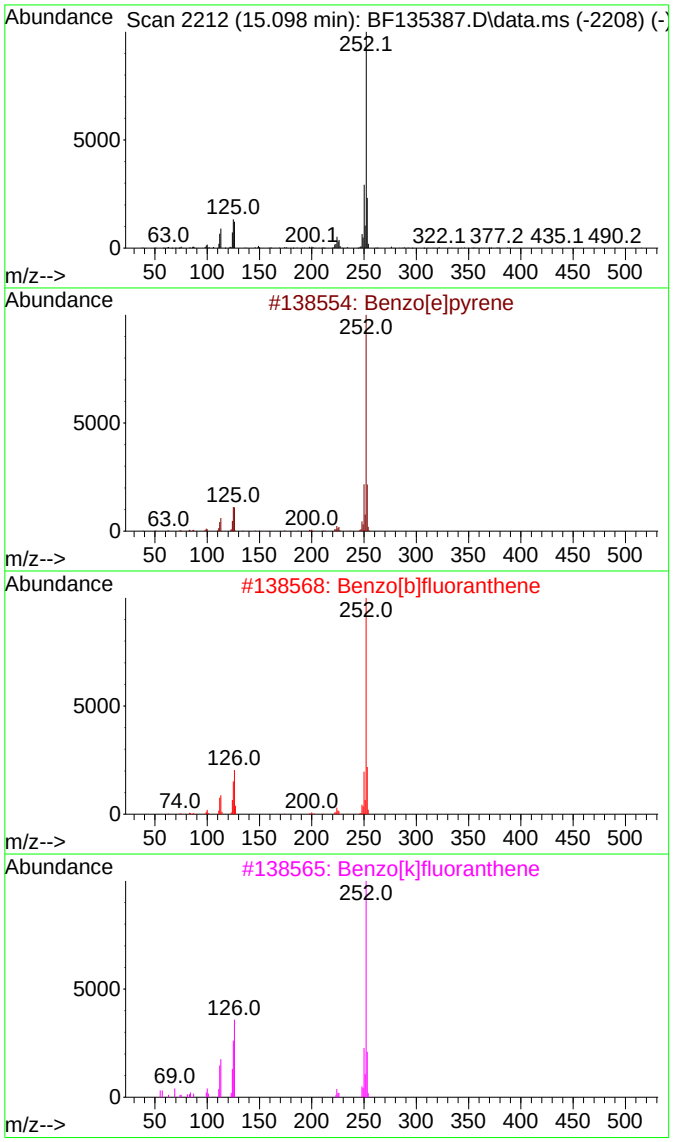
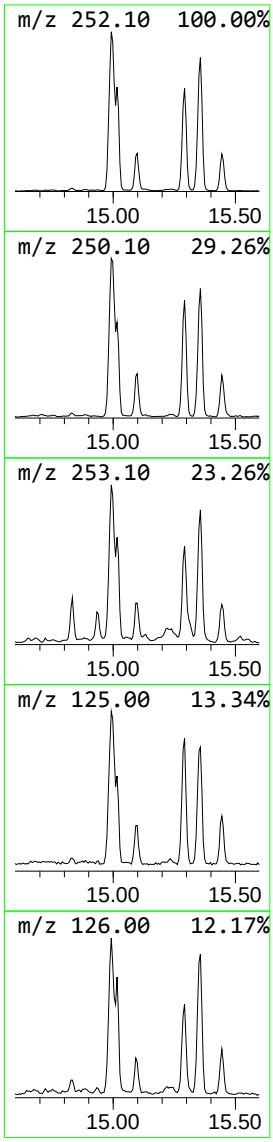
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	13.17 ng	315259	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	89





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11986

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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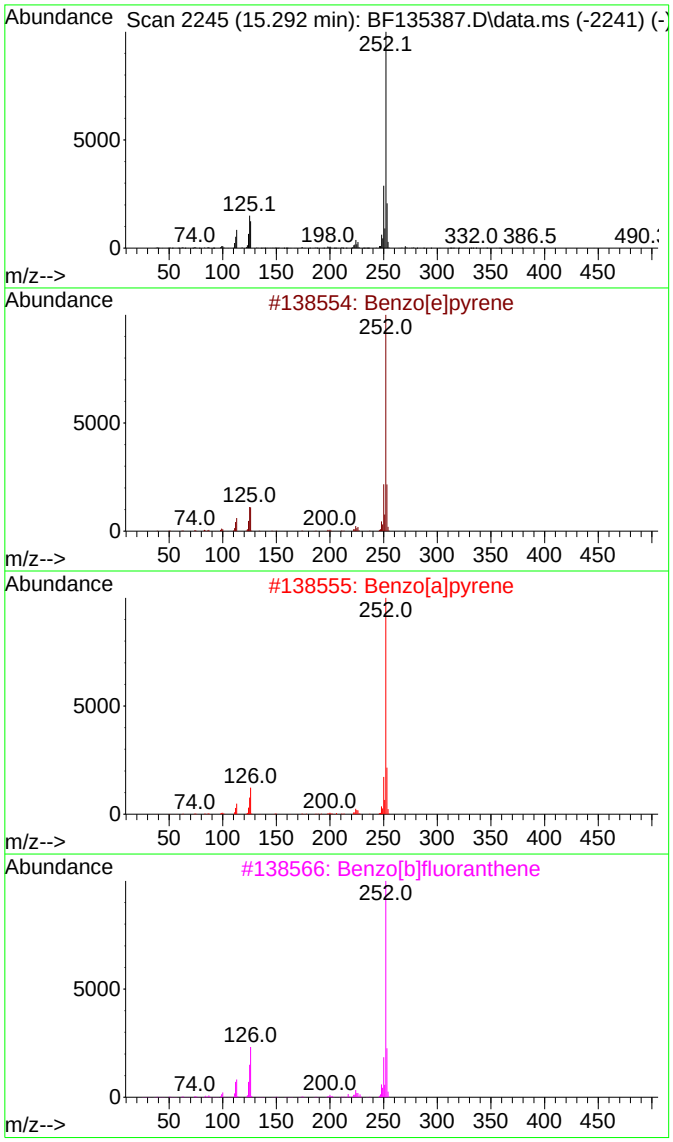
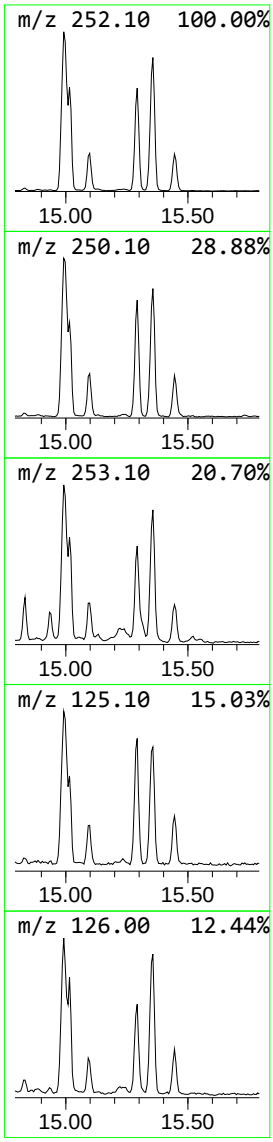
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	42.75 ng	1023270	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135387.D
Acq On : 21 Sep 2023 18:44
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Sample : 04512-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11986

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
Naphthalene, 2,...	9.451	6.5	ng	291808	3	9.792	895257	20.0
9H-Fluoren-9-one	11.092	5.8	ng	233318	4	11.286	811975	20.0
Dibenzothiophene	11.180	6.3	ng	256239	4	11.286	811975	20.0
2-Methyldibenzo...	11.622	7.2	ng	292111	4	11.286	811975	20.0
Dibenzothiophen...	11.704	5.9	ng	241280	4	11.286	811975	20.0
1H-Indene, 2-ph...	11.792	20.6	ng	837521	4	11.286	811975	20.0
Phenanthrene, 2...	11.822	25.6	ng	1037280	4	11.286	811975	20.0
4H-Cyclopenta[d...	11.904	29.7	ng	1206370	4	11.286	811975	20.0
Propyne, 1,3-di...	11.927	16.4	ng	665167	4	11.286	811975	20.0
5,16[1',2']:8,1...	12.086	10.3	ng	418421	4	11.286	811975	20.0
9,10-Anthracene...	12.121	12.7	ng	514117	4	11.286	811975	20.0
Phenanthrene, 2...	12.345	23.4	ng	948959	4	11.286	811975	20.0
unknown12.380	12.380	10.9	ng	442478	4	11.286	811975	20.0
Cyclopenta(def)...	12.439	16.3	ng	663138	4	11.286	811975	20.0
Benzene, 1,1'-(...	12.604	7.0	ng	281989	4	11.286	811975	20.0
Pyrene, 1-methyl-	13.174	6.0	ng	974536	5	13.951	3227260	20.0
Benz(a)anthrace...	14.721	6.7	ng	161259	6	15.416	478671	20.0
Benzo(e)pyrene,...	14.827	9.4	ng	224811	6	15.416	478671	20.0
Benzo[e]pyrene	15.098	13.2	ng	315259	6	15.416	478671	20.0
Perylene	15.292	42.8	ng	1023270	6	15.416	478671	20.0