LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135739.D
Acq On : 12 Oct 2023 17:31
Operator : CG\JU
Sample : 04657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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: BF135739.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	556	559	584	rBV	1711126	1840988	98.76%	6.869%
2	6.392	728	732	758	rBV	1749304	1864135	100.00%	6.955%
3	6.739	787	791	802	rVB	611912	532492	28.57%	1.987%
4	7.304	884	887	890	rBV	1238563	1095420	58.76%	4.087%
5	7.328	890	891	899	rVB	110240	86043	4.62%	0.321%
6	8.016	1005	1008	1011	rBV	786768	675197	36.22%	2.519%
7	8.039	1011	1012	1017	rVB	133974	85050	4.56%	0.317%
8	8.733	1127	1130	1136	rBV	100191	84706	4.54%	0.316%
9	8.833	1143	1147	1153	rVB	89947	86268	4.63%	0.322%
10	9.092	1188	1191	1195	rBV	1824417	1639991	87.98%	6.119%
11	9.216	1207	1212	1218	rBV2	41106	62166	3.33%	0.232%
12	9.369	1233	1238	1241	rBV2	39195	55474	2.98%	0.207%
13	9.433	1245	1249	1252	rBV	71913	73540	3.94%	0.274%
14	9.463	1252	1254	1259	rVB	42527	36642	1.97%	0.137%
15	9.551	1266	1269	1278	rBV2	35021	43214	2.32%	0.161%
16	9.639	1280	1284	1287	rBV	131173	117230	6.29%	0.437%
17	9.692	1291	1293	1299	rVB2	41030	39487	2.12%	0.147%
18	9.774	1301	1307	1310	rBV	828958	693611	37.21%	2.588%
19	9.810	1310	1313	1317	rVB	82227	82805	4.44%	0.309%
20	9.980	1339	1342	1346	rVB	129999	122850	6.59%	0.458%
21	10.092	1358	1361	1364	rBV3	30905	29766	1.60%	0.111%
22	10.327	1398	1401	1407	rVB	291491	266705	14.31%	0.995%
23	10.486	1425	1428	1431	rVB	64366	55948	3.00%	0.209%
24	10.569	1439	1442	1448	rBV	1018441	966929	51.87%	3.608%
25	10.680	1458	1461	1465	rBV4	20718	31941	1.71%	0.119%
26	10.880	1487	1495	1497	rBV2	65590	81804	4.39%	0.305%
27	11.027	1518	1520	1526	rVB2	28230	32393	1.74%	0.121%
28	11.086	1526	1530	1533	rBV	75990	73485	3.94%	0.274%
29	11.133	1533	1538	1541	rVV2	54716	62878	3.37%	0.235%
30	11.169	1541	1544	1547	rVB	115455	102483	5.50%	0.382%
31	11.269	1558	1561	1563	rBV	658046	599808	32.18%	2.238%
32	11.298	1563	1566	1569	rVV	1731330	1438084	77.14%	5.366%
33	11.345	1569	1574	1578	rVV	315214	292042	15.67%	1.090%
34	11.516	1598	1603	1608	rBV	129317	152729	8.19%	0.570%
35	11.563	1608	1611	1614	rVV	55570	53499	2.87%	0.200%
36	11.604	1616	1618	1624	rVB2	54939	63101	3.39%	0.235%

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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	11.686	1629	1632	1635	rVB2	37702	44272	2.37%	0.165%
38	11.774	1644	1647	1650	rVV	218911	202933	10.89%	0.757%
39	11.804	1650	1652	1658	rVV	341147	315632	16.93%	1.178%
40	11.851	1658	1660	1663	rVV	77610	72136	3.87%	0.269%
41	11.886	1663	1666	1669	rVV	384886	373368	20.03%	1.393%
42	11.910	1669	1670	1676	rVB	149425	103214	5.54%	0.385%
43	12.074	1695	1698	1702	rBV	138348	127409	6.83%	0.475%
44	12.116	1702	1705	1708	rVB2	82425	71960	3.86%	0.268%
45	12.257	1726	1729	1731	rVB	35462	29399	1.58%	0.110%
46	12.280	1731	1733	1736	rVB3	37287	30761	1.65%	0.115%
47	12.327	1736	1741	1744	rBV	111918	122032	6.55%	0.455%
48	12.368	1744	1748	1750	rVV2	57193	66973	3.59%	0.250%
49	12.427	1754	1758	1765	rVB3	87595	116208	6.23%	0.434%
50	12.498	1765	1770	1773	rBV	1484577	1396298	74.90%	5.210%
51	12.592	1783	1786	1789	rBV	76491	67789	3.64%	0.253%
52	12.645	1792	1795	1798	rBV	96982	85564	4.59%	0.319%
53	12.727	1802	1809	1814	rBV	1291813	1433061	76.88%	5.347%
54	12.774	1814	1817	1822	rVB2	75222	81417	4.37%	0.304%
55	12.863	1825	1832	1836	rBV	1117804	1100106	59.01%	4.105%
56	12.892	1836	1837	1841	rVB	54630	48604	2.61%	0.181%
57	12.945	1841	1846	1851	rBV2	107170	182022	9.76%	0.679%
58	12.998	1851	1855	1857	rVB2	28073	36923	1.98%	0.138%
59	13.033	1857	1861	1862	rBV2	93333	102061	5.47%	0.381%
60	13.057	1862	1865	1868	rVB	226271	233063	12.50%	0.870%
61	13.121	1874	1876	1879	rVV	162871	127085	6.82%	0.474%
62	13.163	1879	1883	1887	rVV2	151767	171444	9.20%	0.640%
63	13.251	1895	1898	1901	rVB	92667	80145	4.30%	0.299%
64	13.286	1901	1904	1907	rBV	90797	88514	4.75%	0.330%
65	13.380	1913	1920	1922	rBV7	19512	47852	2.57%	0.179%
66	13.433	1926	1929	1932	rBV4	30608	40650	2.18%	0.152%
67	13.580	1951	1954	1957	rVB	91773	87630	4.70%	0.327%
68	13.680	1966	1971	1973	rBV2	144454	159432	8.55%	0.595%
69	13.704	1973	1975	1978	rVB	118046	93023	4.99%	0.347%
70	13.733	1978	1980	1982	rBV	83878	71109	3.81%	0.265%
71	13.792	1987	1990	1995	rVB2	131158	130689	7.01%	0.488%
72	13.851	1995	2000	2002	rBV	61608	89035	4.78%	0.332%
73	13.927	2007	2013	2017	rVV2	884114	1446067	77.57%	5.396%
74	13.962	2017	2019	2026	rVV	639106	583838	31.32%	2.178%
75	14.021	2026	2029	2030	rVV3	41899	46122	2.47%	0.172%
76	14.039	2030	2032	2036	rVV	76788	76543	4.11%	0.286%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
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Acq On : 12 Oct 2023 17:31
Operator : CG\JU
Sample : 04657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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

77	14.092	2038	2041	2047	rVV4	94869	152477	8.18%	0.569%
78	14.139	2047	2049	2050	rVV	45716	41664	2.24%	0.155%
79	14.174	2053	2055	2064	rVB3	55495	80962	4.34%	0.302%
80	14.286	2072	2074	2076	rBV	36692	34900	1.87%	0.130%
81	14.327	2076	2081	2084	rVV	142910	187040	10.03%	0.698%
82	14.357	2084	2086	2089	rVV2	69613	69876	3.75%	0.261%
83	14.398	2089	2093	2096	rVV4	54421	86923	4.66%	0.324%
84	14.421	2096	2097	2100	rVV	57950	45801	2.46%	0.171%
85	14.451	2100	2102	2104	rVV2	71303	71659	3.84%	0.267%
86	14.474	2104	2106	2108	rVV	65313	55725	2.99%	0.208%
87	14.521	2112	2114	2118	rVB2	35096	32508	1.74%	0.121%
88	14.827	2163	2166	2169	rBV2	46570	47735	2.56%	0.178%
89	14.980	2188	2192	2195	rBV	393855	580062	31.12%	2.164%
90	15.092	2207	2211	2215	rVB	77980	90074	4.83%	0.336%
91	15.280	2239	2243	2250	rVB	226806	272961	14.64%	1.018%
92	15.345	2250	2254	2261	rBV	320432	409366	21.96%	1.527%
93	15.409	2261	2265	2268	rVV	300776	386592	20.74%	1.442%
94	15.439	2268	2270	2278	rVB2	86109	115659	6.20%	0.432%
95	15.839	2336	2338	2345	rVB4	28401	49535	2.66%	0.185%
96	15.980	2359	2362	2365	rVB2	28743	35593	1.91%	0.133%
97	16.903	2513	2519	2528	rBV	118100	252479	13.54%	0.942%
98	17.080	2545	2549	2555	rBV3	29125	51276	2.75%	0.191%
99	17.145	2555	2560	2567	rVB3	26971	57349	3.08%	0.214%
100	17.356	2591	2596	2610	rVB	77593	189700	10.18%	0.708%

Sum of corrected areas: 26801203

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
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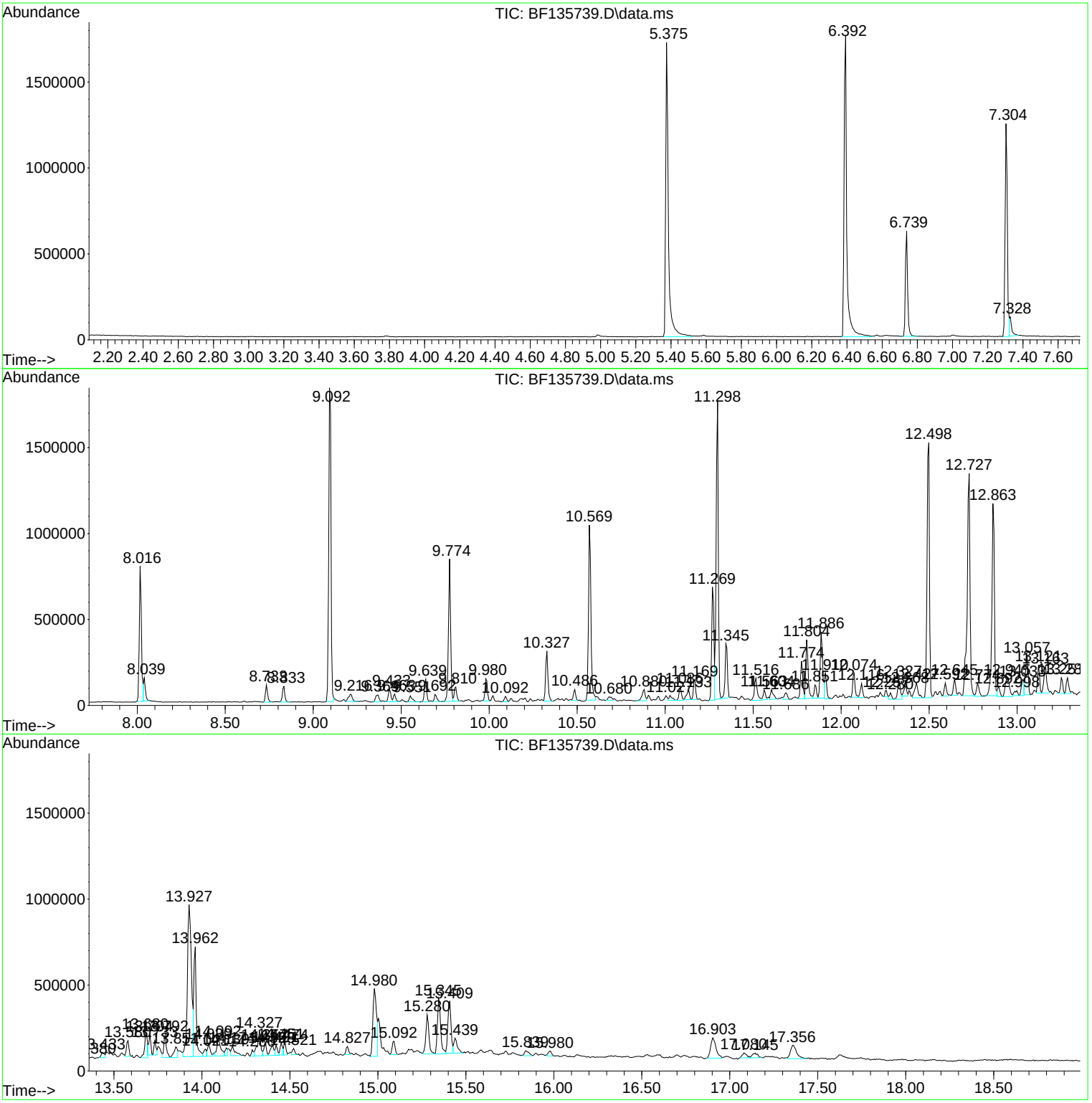
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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\BF101223\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

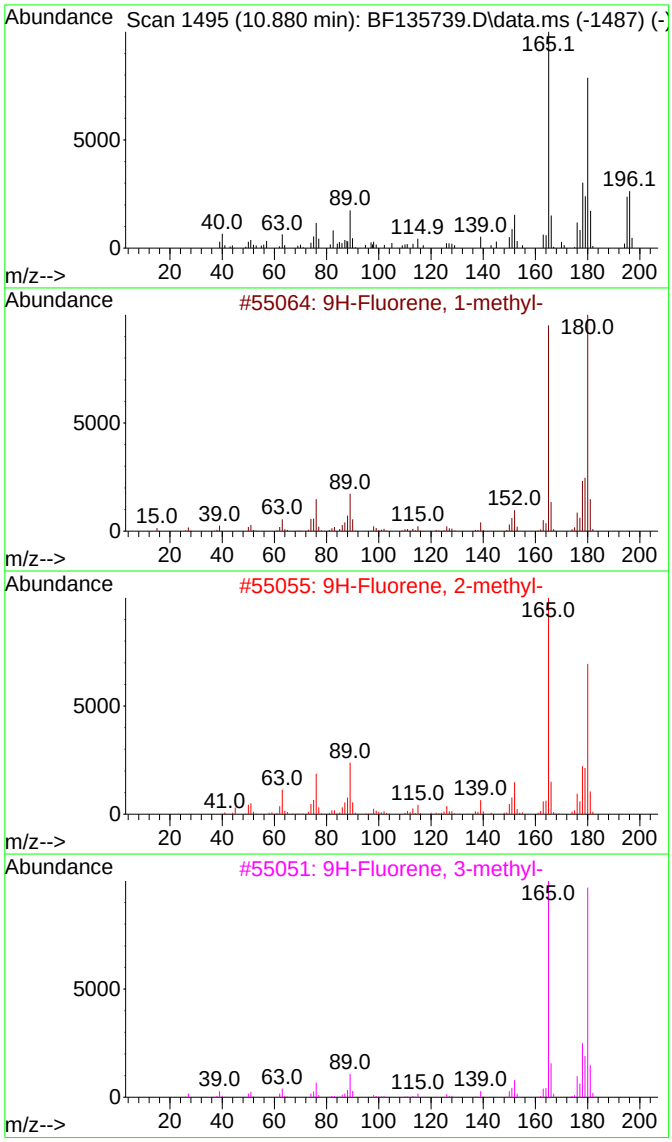
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

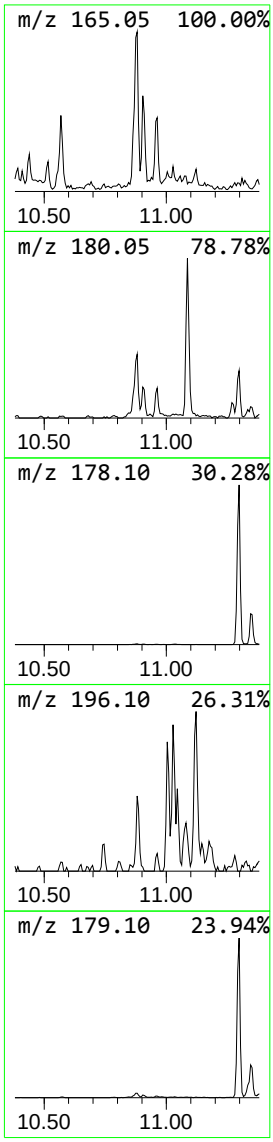
****

Peak Number 1 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.880	2.73 ng	81804	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135739.D
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Operator : CG\JU
Sample : 04657-03
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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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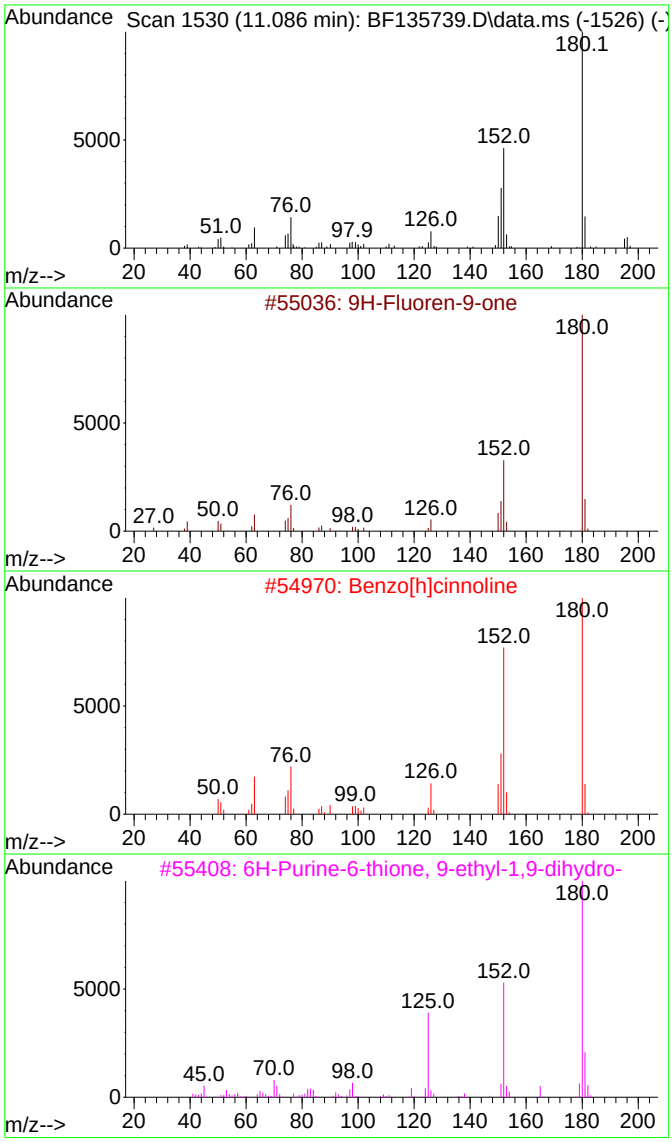
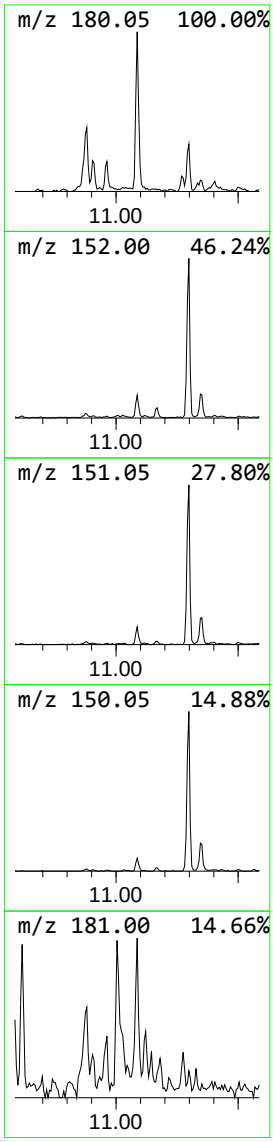
Peak Number 2 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	2.45 ng	73485	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5	2,4-Diazaphenanthrene	180	C12H8N2	000230-28-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135739.D
Acq On : 12 Oct 2023 17:31
Operator : CG\JU
Sample : 04657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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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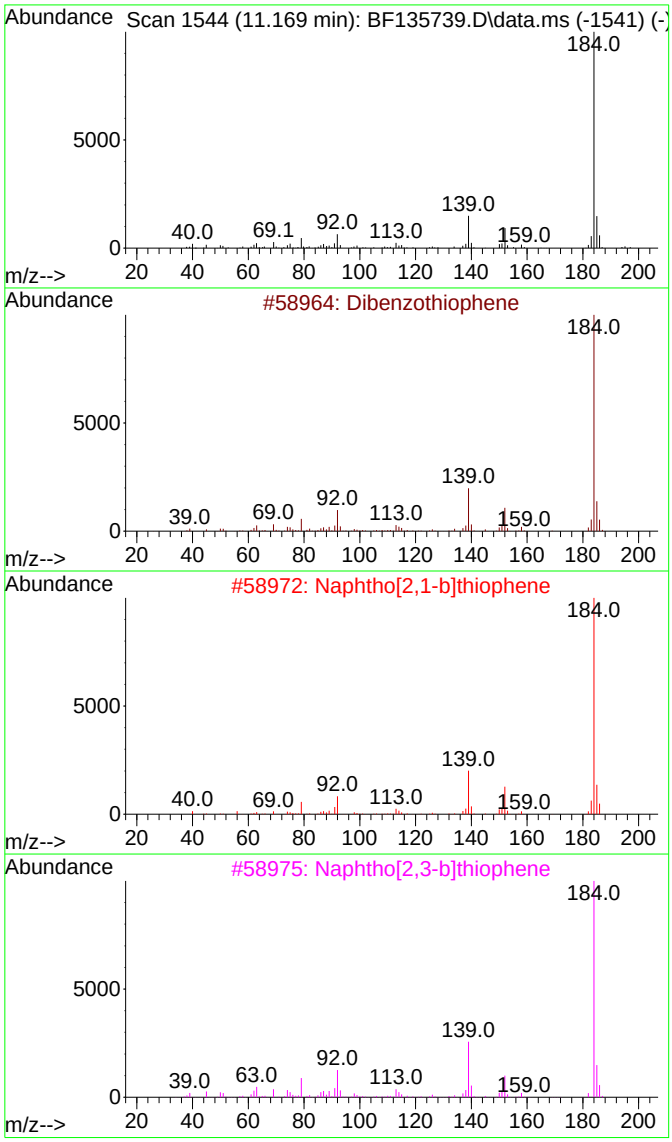
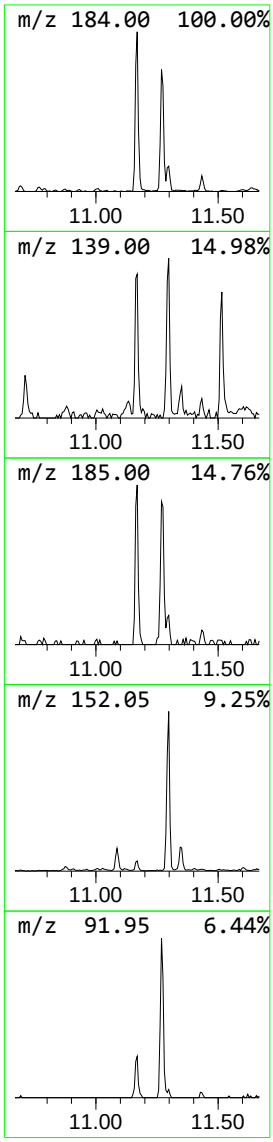
Peak Number 3 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	3.42 ng	102483	Phenanthrene-d10	11.269

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[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
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Operator : CG\JU
Sample : 04657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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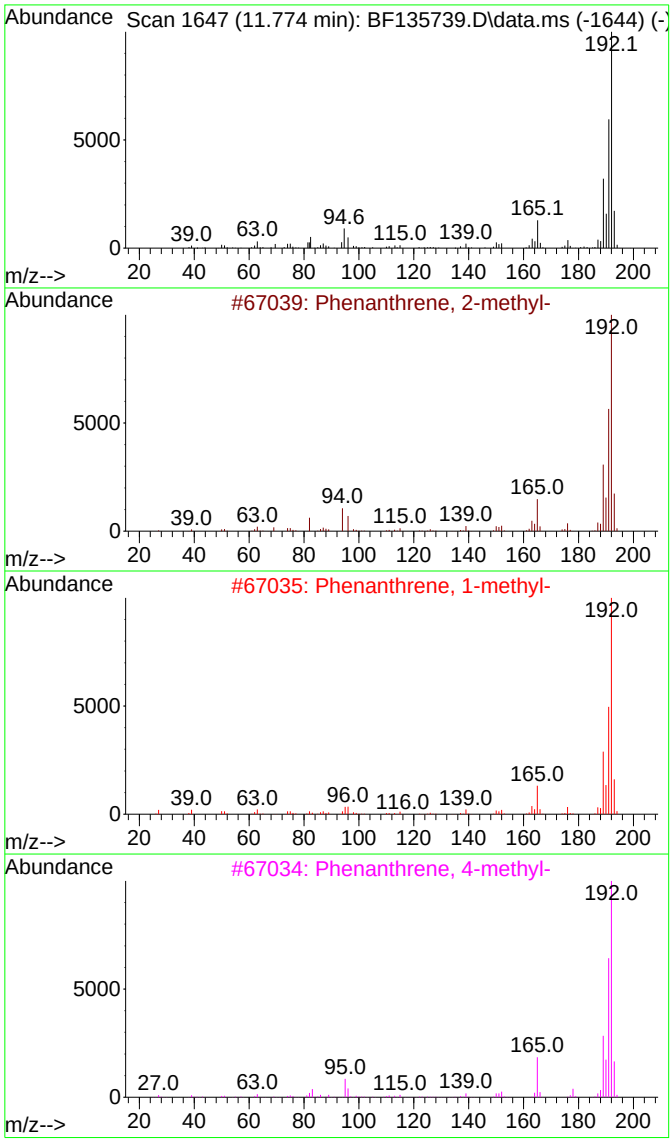
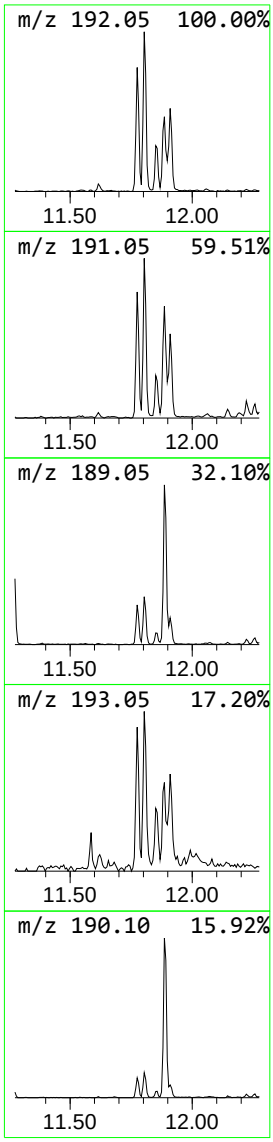
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	6.77 ng	202933	Phenanthrene-d10	11.269

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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135739.D
Acq On : 12 Oct 2023 17:31
Operator : CG\JU
Sample : 04657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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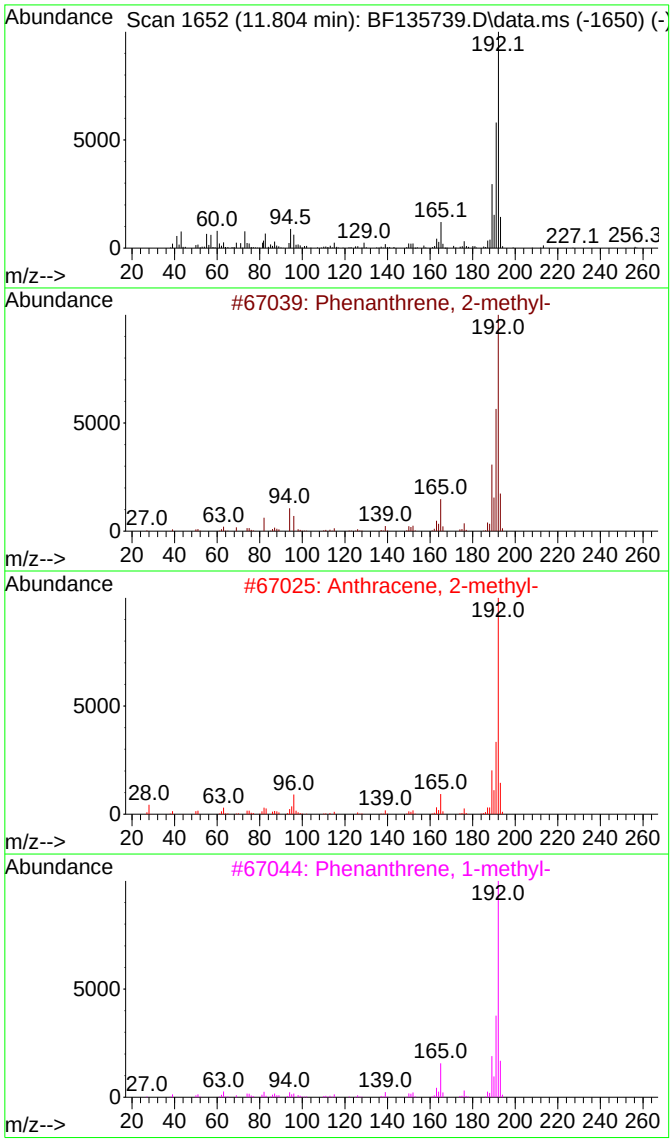
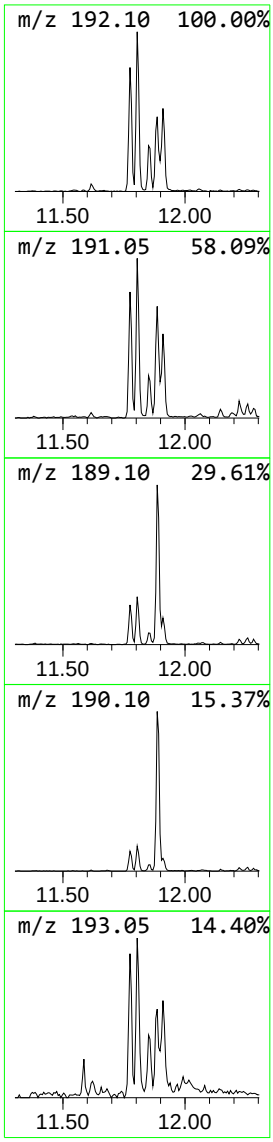
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	10.52 ng	315632	Phenanthrene-d10	11.269

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : 04657-03
Misc :
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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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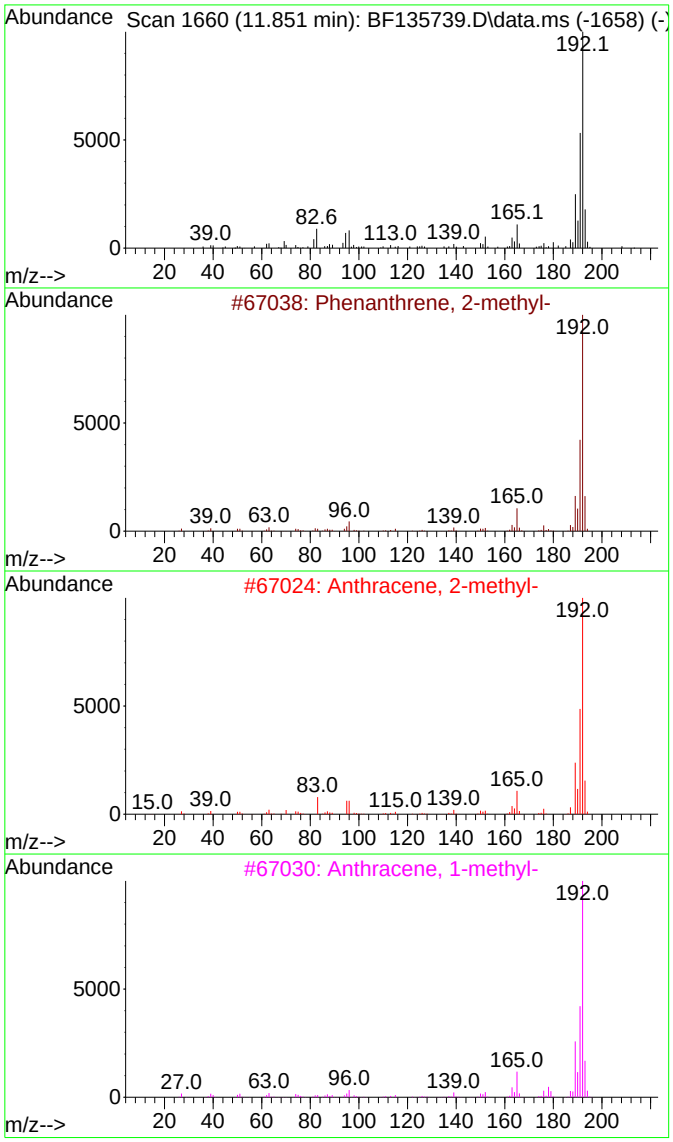
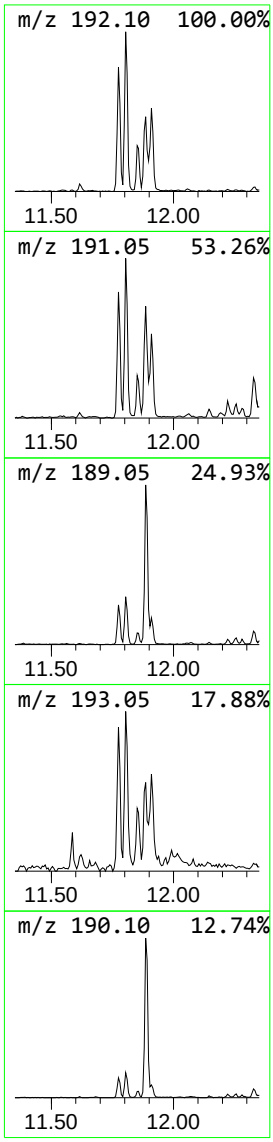
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	2.41 ng	72136	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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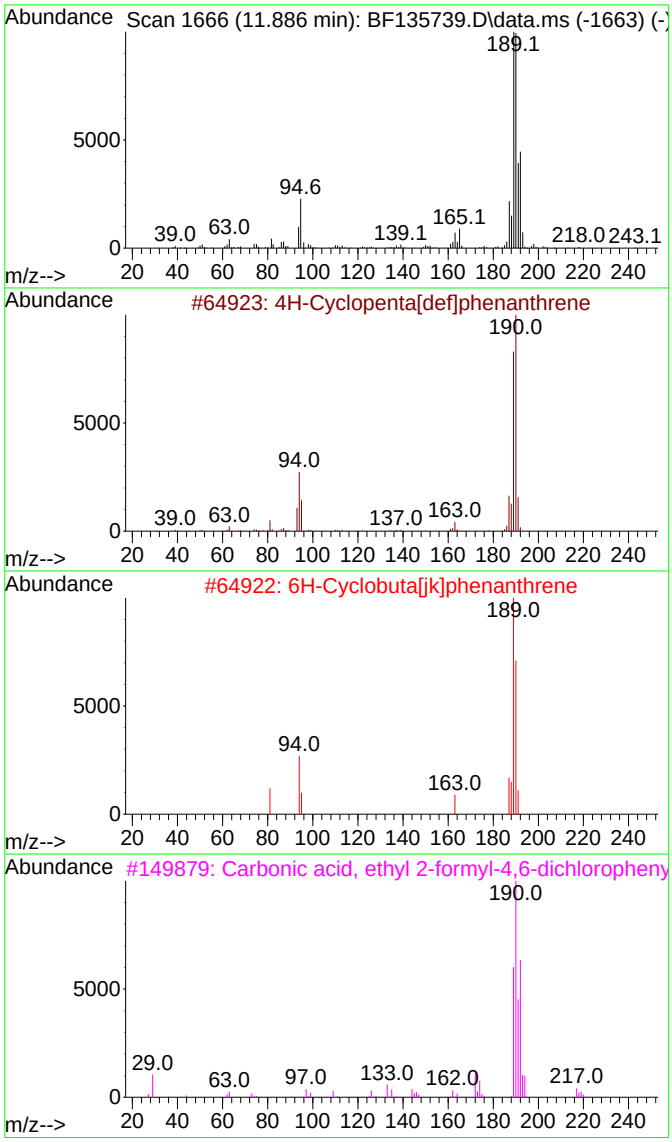
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

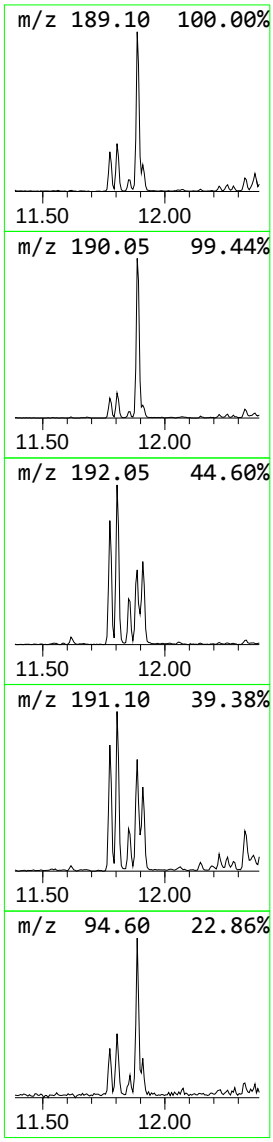
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	12.45 ng	373368	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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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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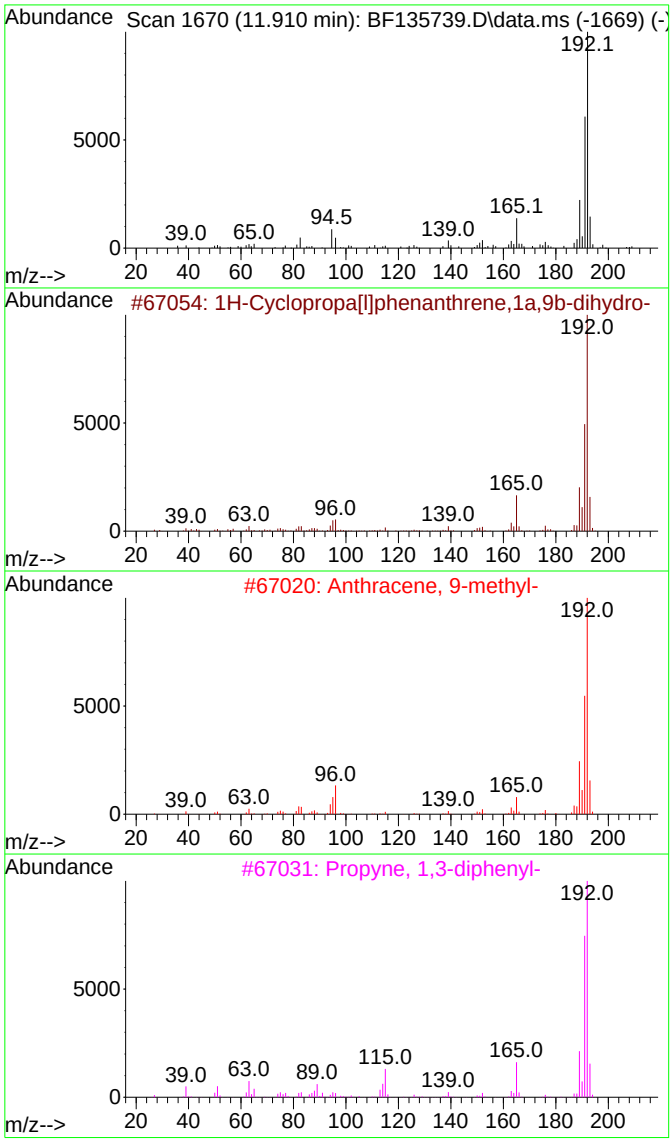
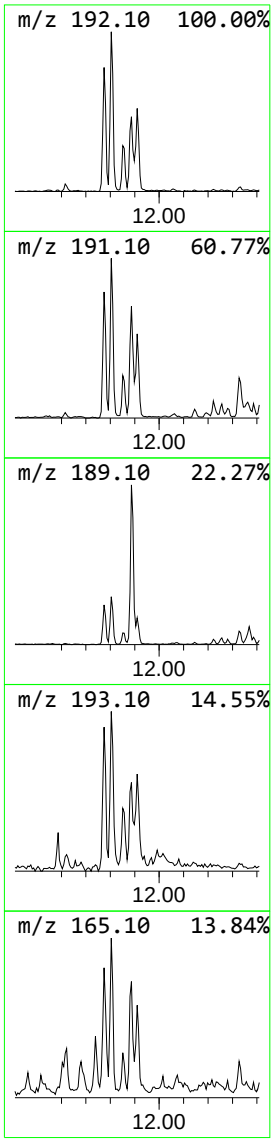
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.44 ng	103214	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81





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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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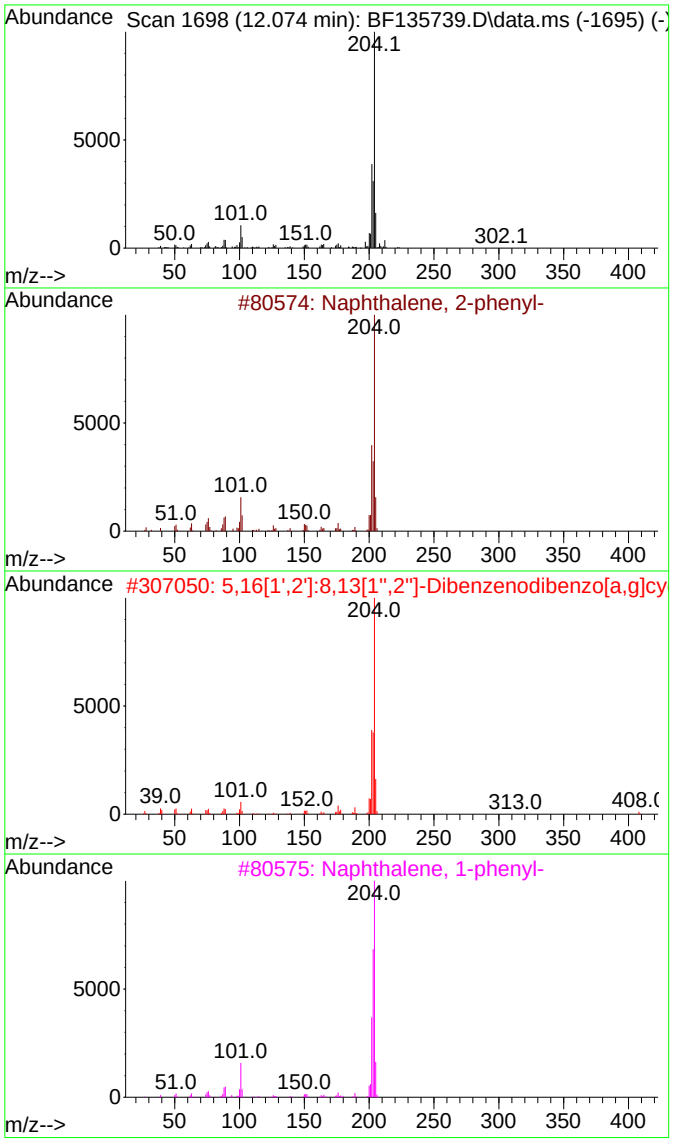
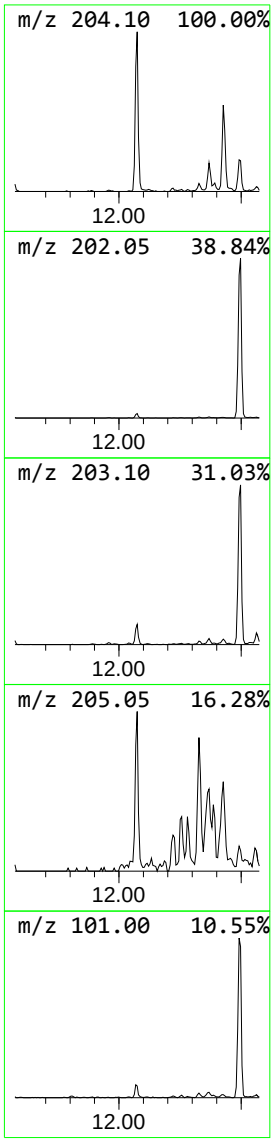
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	4.25 ng	127409	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	47
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	46





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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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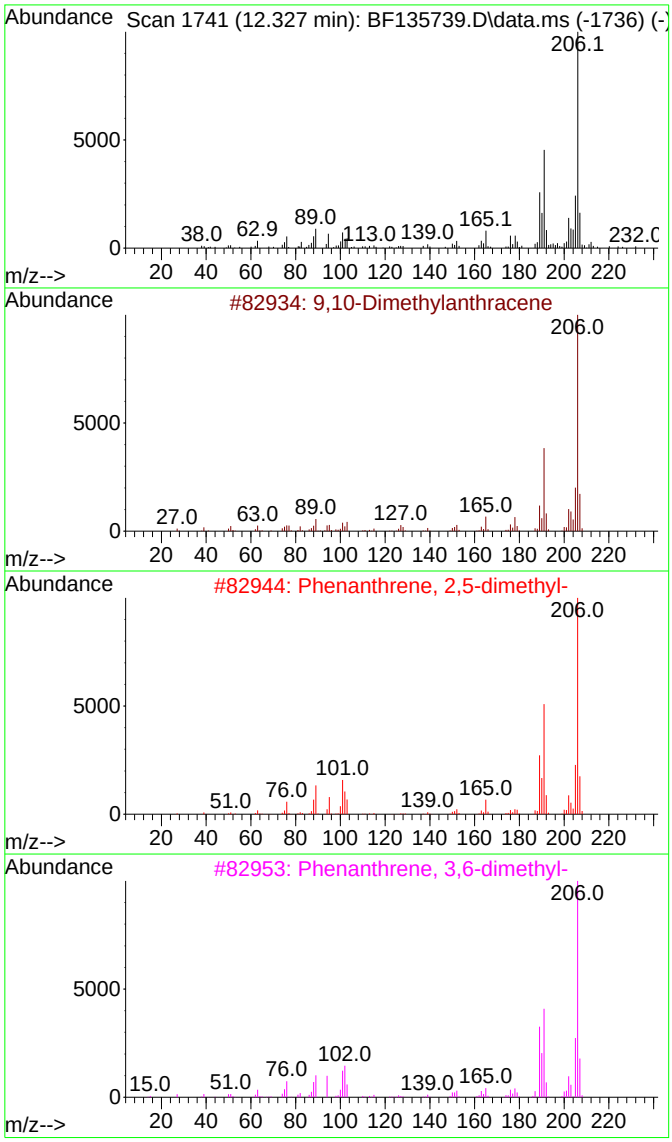
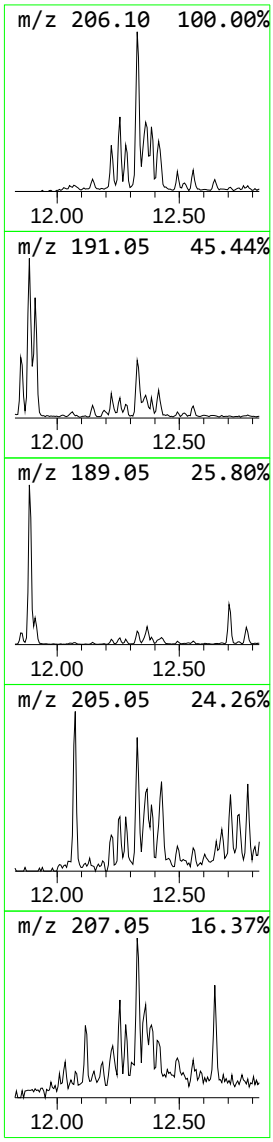
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	4.07 ng	122032	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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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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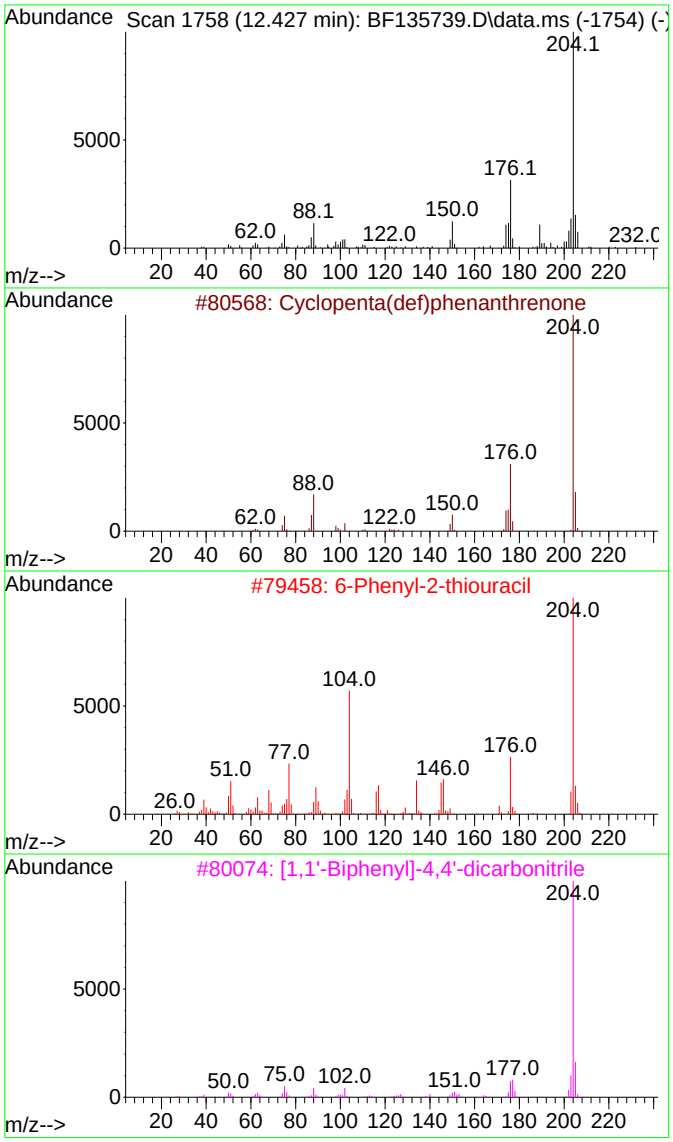
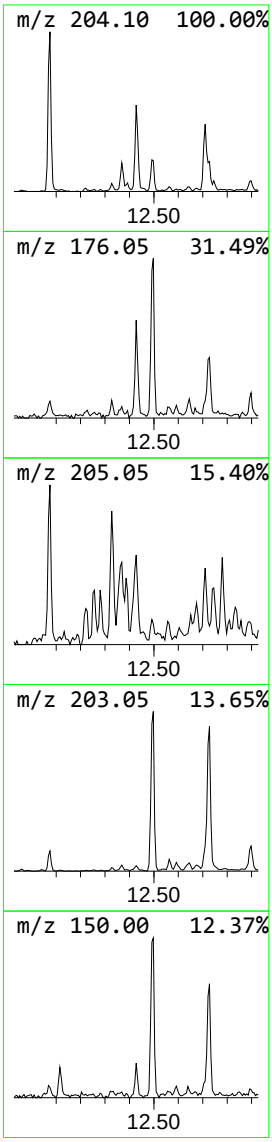
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	3.87 ng	116208	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4	1,6-Dimethyl-3,4-benzo-2-thiabic...	204	C12H12OS	1000427-88-8	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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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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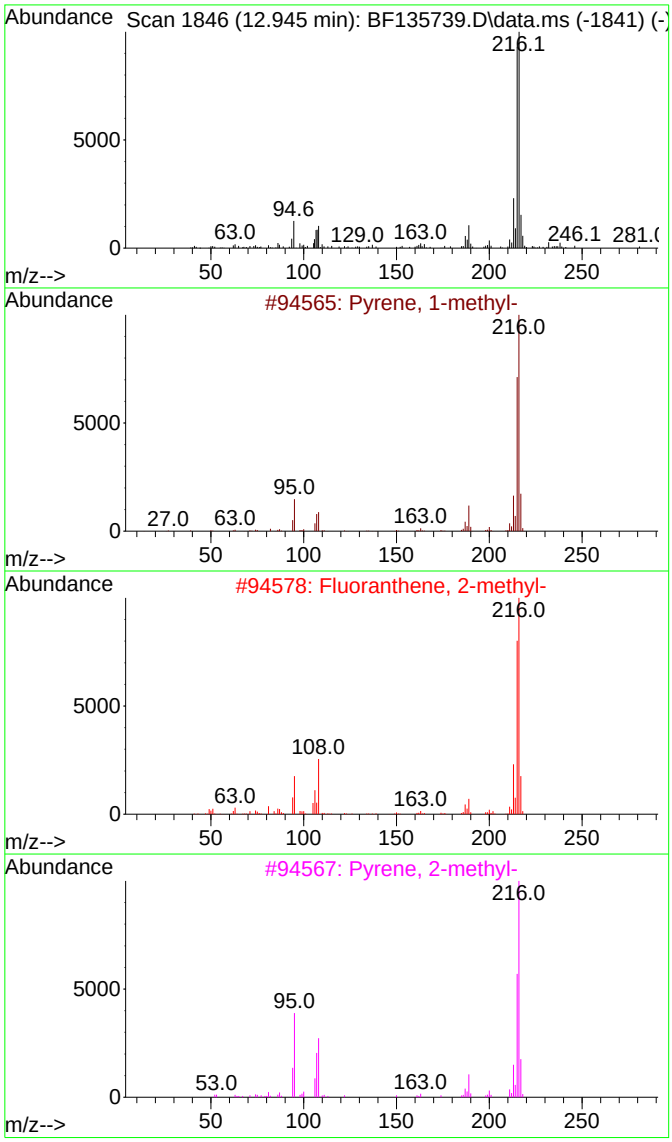
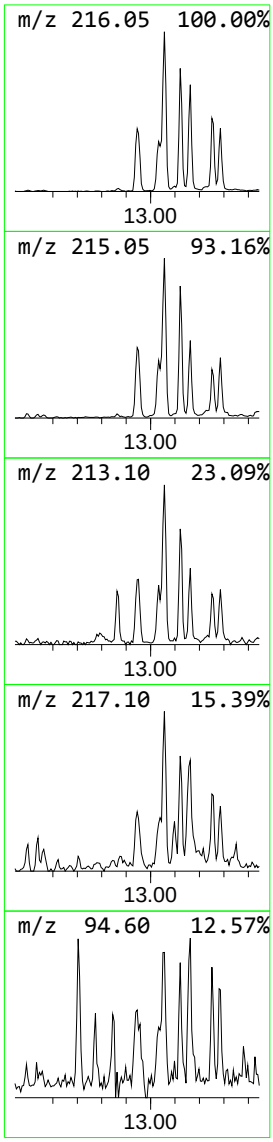
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	2.52 ng	182022	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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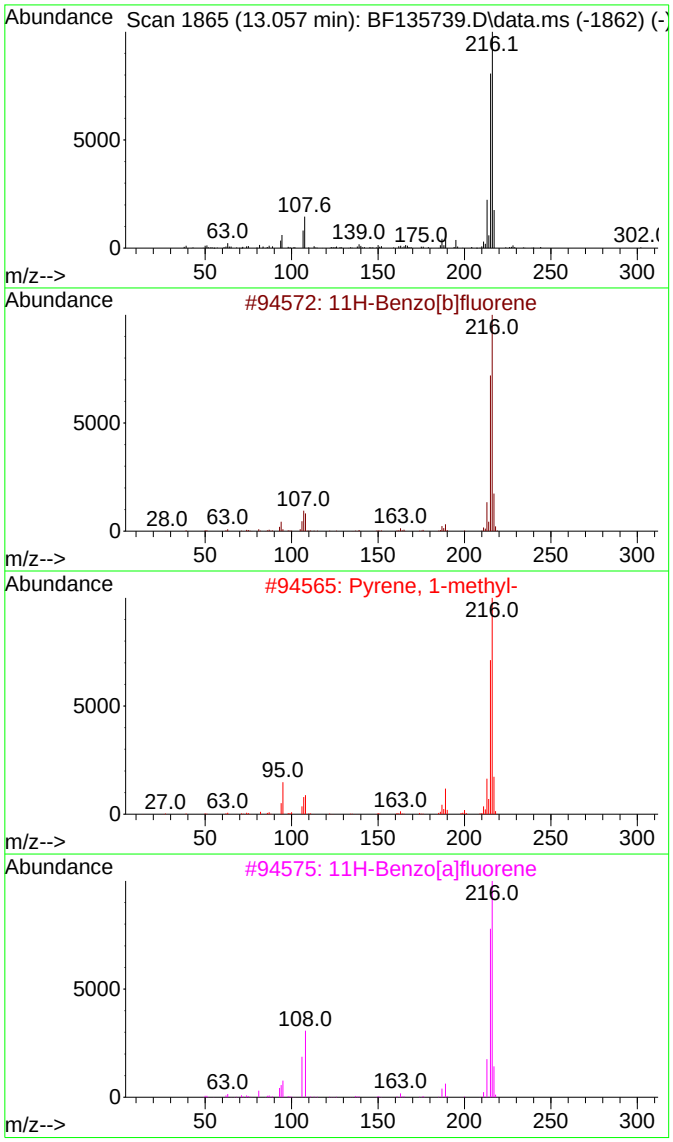
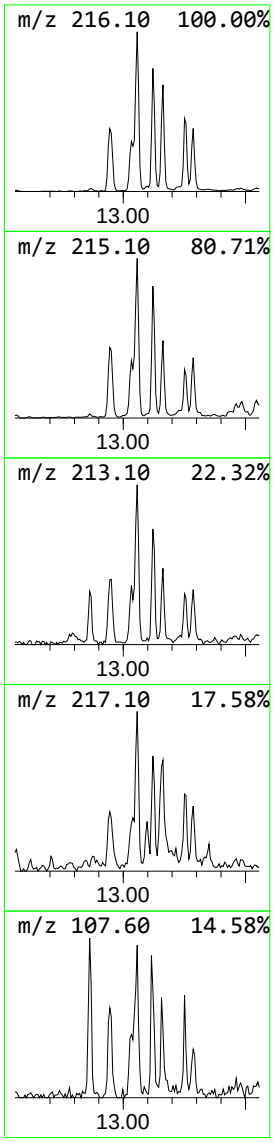
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	3.22 ng	233063	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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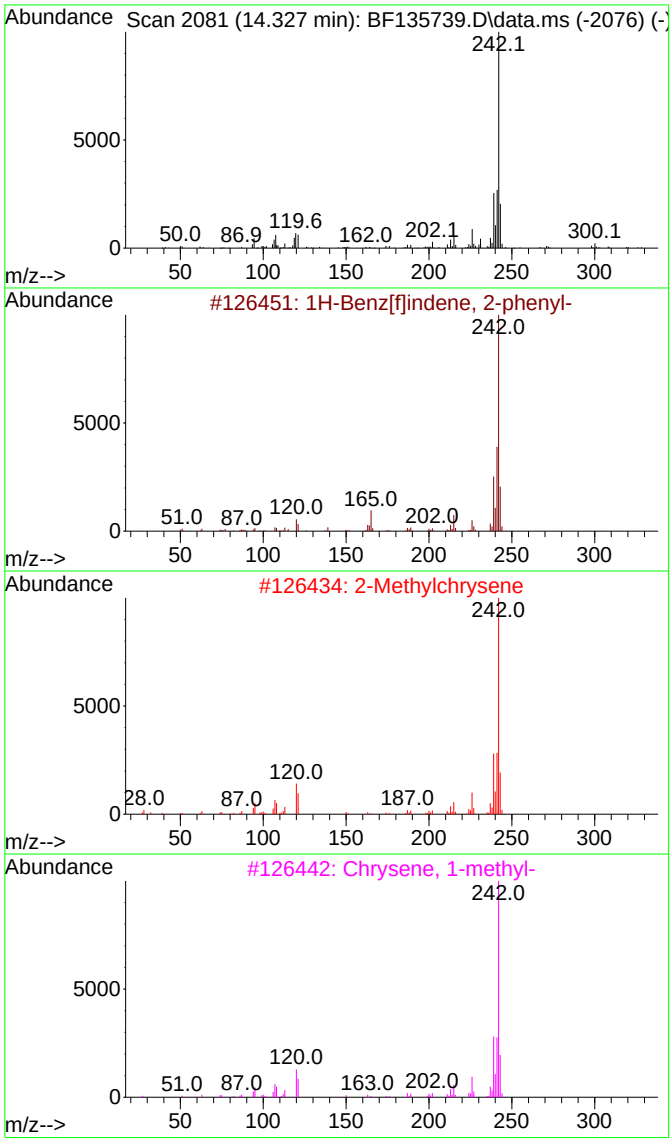
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

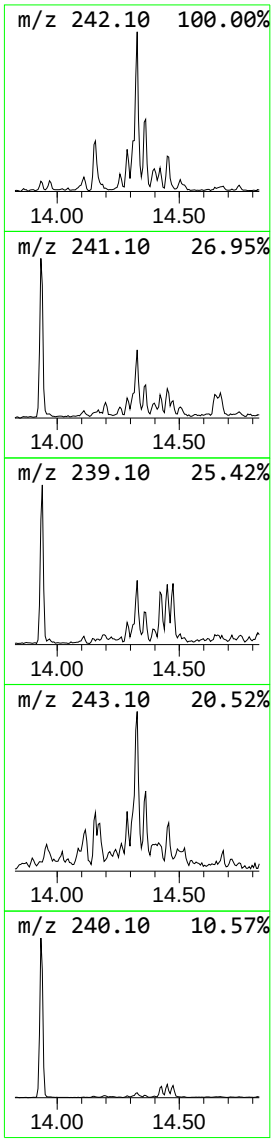
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Benz[f]indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.327	2.59 ng	187040	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	95
2	2-Methylchrysene	242	C19H14	003351-32-4	95
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
5	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	94





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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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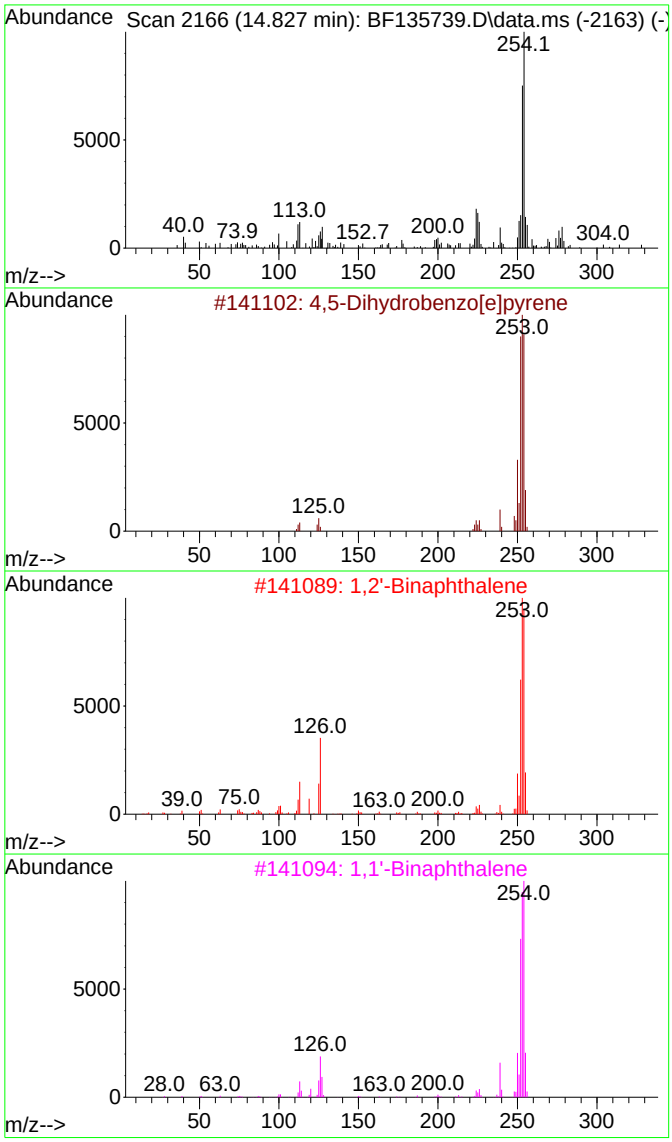
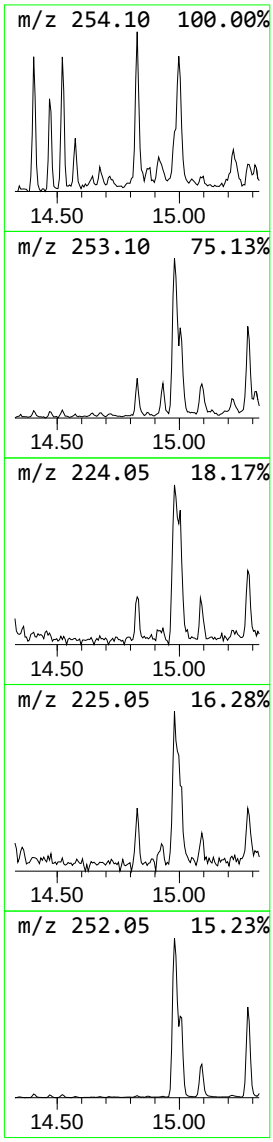
Peak Number 15 4,5-Dihydrobenzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	2.47 ng	47735	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
4	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	64
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64





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TIC Library : C:\Database\NIST20.L
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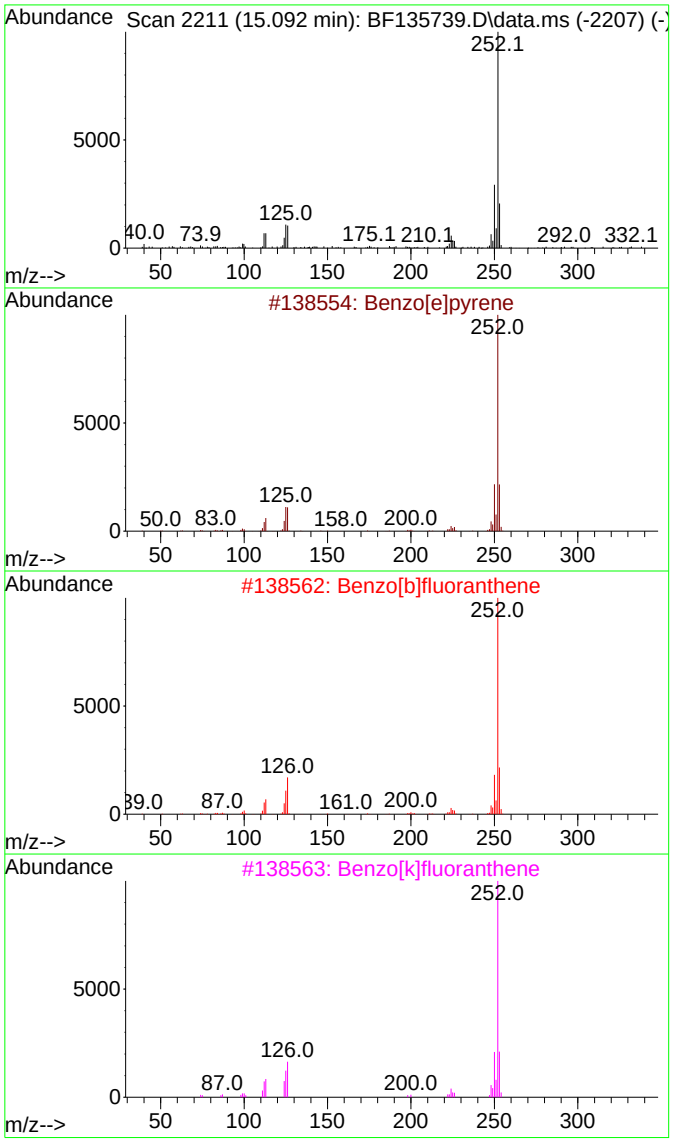
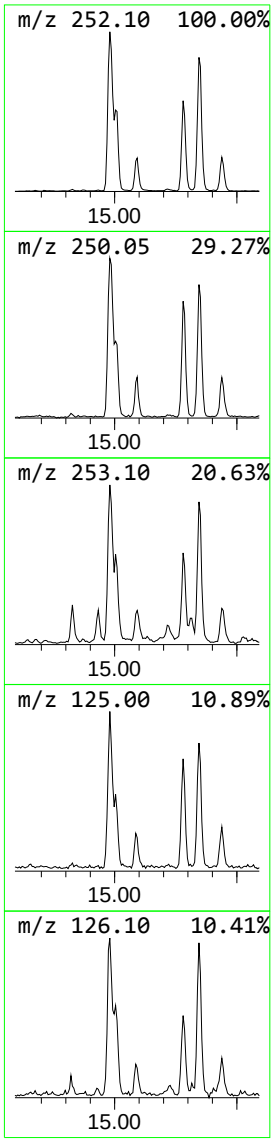
Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	4.66 ng	90074	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Perylene	252	C20H12	000198-55-0	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

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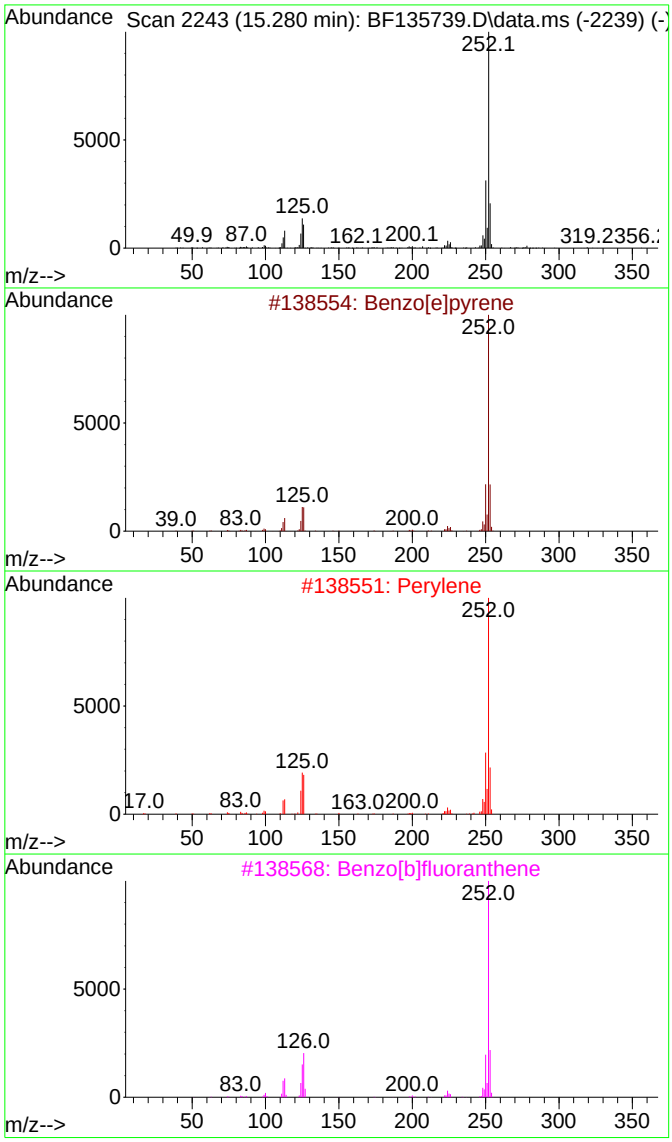
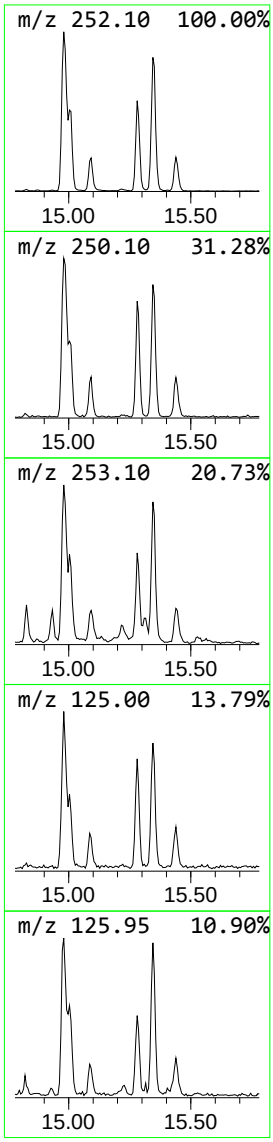
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	14.12 ng	272961	Perylene-d12	15.409

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135739.D
Acq On : 12 Oct 2023 17:31
Operator : CG\JU
Sample : 04657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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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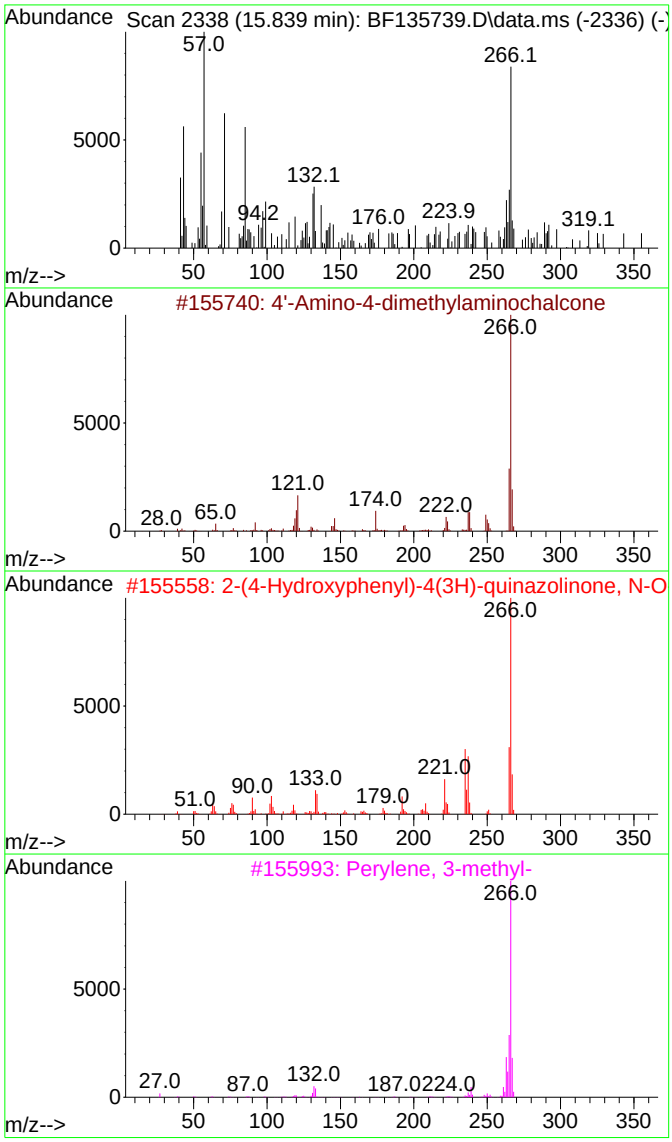
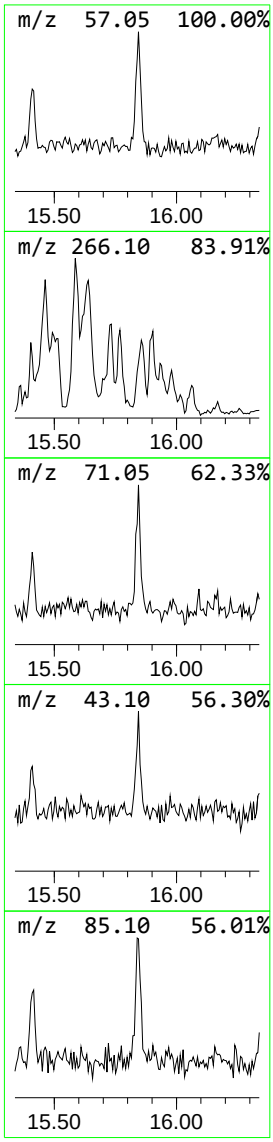
Peak Number 18 unknown15.839 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	2.56 ng	49535	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Amino-4-dimethylaminochalcone	266	C17H18N2O	025870-72-8	45
2	2-(4-Hydroxyphenyl)-4(3H)-quinaz...	266	C16H14N2O2	074375-02-3	38
3	Perylene, 3-methyl-	266	C21H14	024471-47-4	38
4	2-Furancarboxamide, N-[(2-methyl...	266	C16H14N2O2	1000319-58-7	38
5	1-Phosphacyclopent-2-ene, 1,5-di...	266	C18H19P	1000162-78-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135739.D
Acq On : 12 Oct 2023 17:31
Operator : CG\JU
Sample : 04657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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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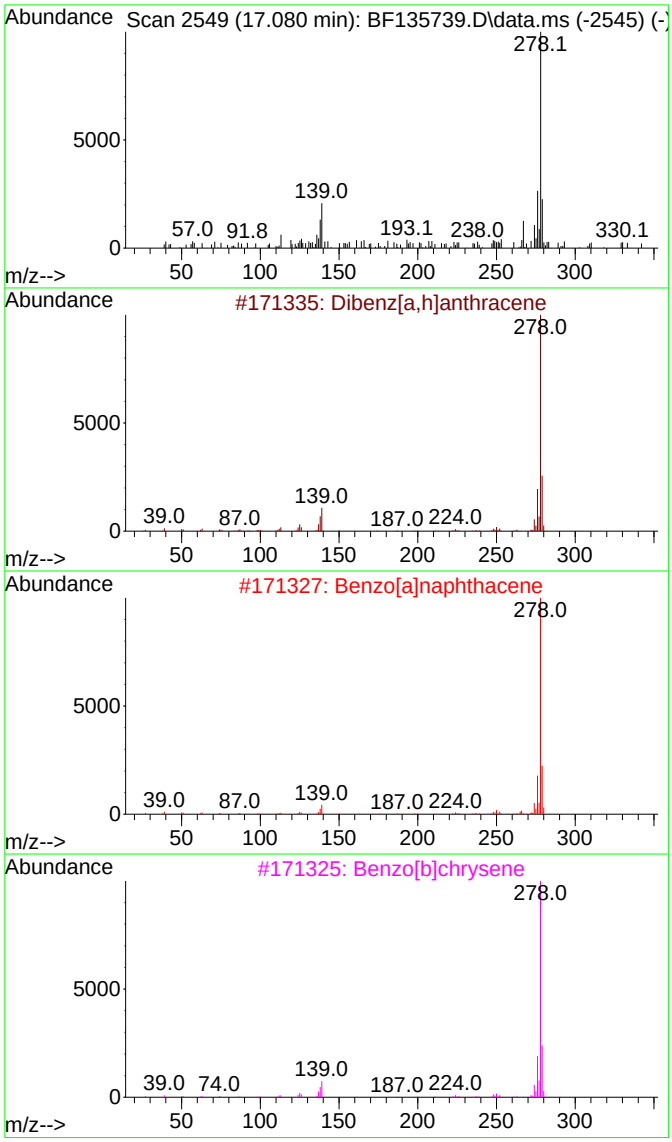
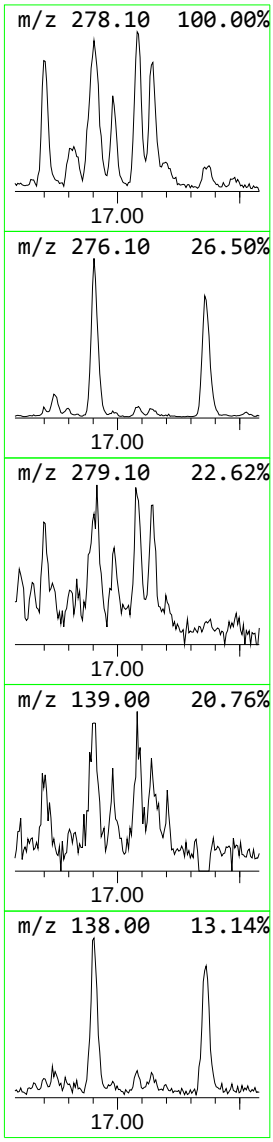
Peak Number 19 Benzo[a]naphthacene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.080	2.65 ng	51276	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
2	Benzo[a]naphthacene	278	C22H14	000226-88-0	74
3	Benzo[b]chrysene	278	C22H14	000214-17-5	68
4	Pentaphene	278	C22H14	000222-93-5	68
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135739.D
Acq On : 12 Oct 2023 17:31
Operator : CG\JU
Sample : 04657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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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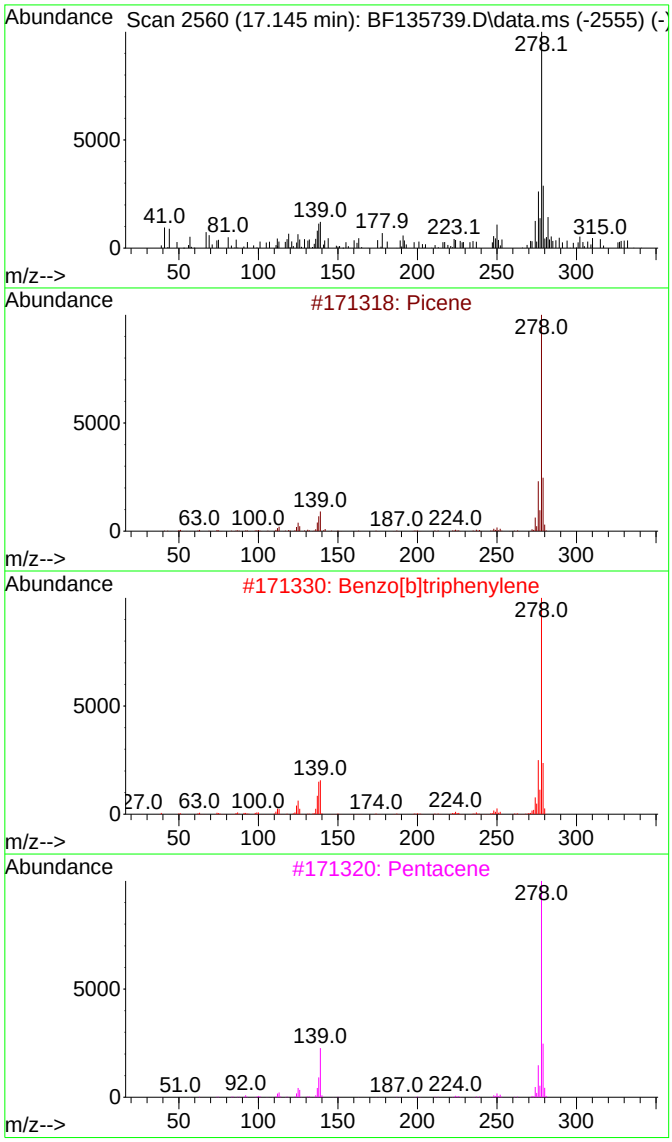
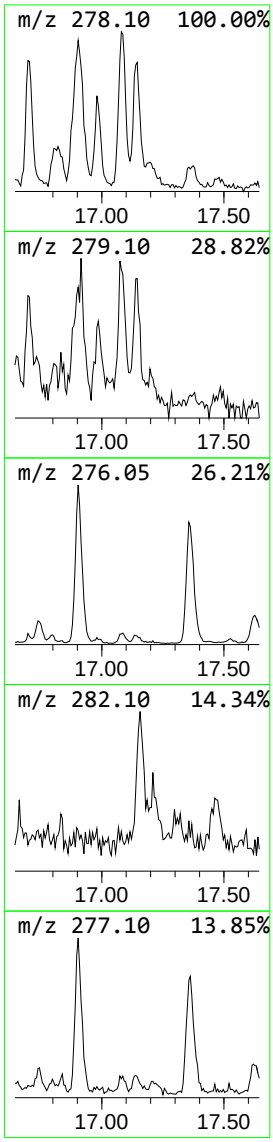
Peak Number 20 Picene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.145	2.97 ng	57349	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	92
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	64
3	Pentacene	278	C22H14	000135-48-8	64
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64
5	Pentaphene	278	C22H14	000222-93-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135739.D
Acq On : 12 Oct 2023 17:31
Operator : CG\JU
Sample : 04657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U-1(0-2IN)

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, 1-...	10.880	2.7	ng	81804	4	11.269	599808	20.0
9H-Fluoren-9-one	11.086	2.5	ng	73485	4	11.269	599808	20.0
Dibenzothiophene	11.169	3.4	ng	102483	4	11.269	599808	20.0
Phenanthrene, 2...	11.774	6.8	ng	202933	4	11.269	599808	20.0
Anthracene, 2-m...	11.804	10.5	ng	315632	4	11.269	599808	20.0
Anthracene, 1-m...	11.851	2.4	ng	72136	4	11.269	599808	20.0
4H-Cyclopenta[d...	11.886	12.4	ng	373368	4	11.269	599808	20.0
1H-Cyclopropa[l...	11.910	3.4	ng	103214	4	11.269	599808	20.0
Naphthalene, 2-...	12.074	4.3	ng	127409	4	11.269	599808	20.0
9,10-Dimethylan...	12.327	4.1	ng	122032	4	11.269	599808	20.0
Cyclopenta(def)...	12.427	3.9	ng	116208	4	11.269	599808	20.0
Pyrene, 1-methyl-	12.945	2.5	ng	182022	5	13.933	1446070	20.0
11H-Benzo[b]flu...	13.057	3.2	ng	233063	5	13.933	1446070	20.0
1H-Benz[f]inden...	14.327	2.6	ng	187040	5	13.933	1446070	20.0
4,5-Dihydrobenz...	14.827	2.5	ng	47735	6	15.409	386592	20.0
Benzo[e]pyrene	15.092	4.7	ng	90074	6	15.409	386592	20.0
Perylene	15.280	14.1	ng	272961	6	15.409	386592	20.0
unknown15.839	15.839	2.6	ng	49535	6	15.409	386592	20.0
Benzo[a]naphtha...	17.080	2.6	ng	51276	6	15.409	386592	20.0
Picene	17.145	3.0	ng	57349	6	15.409	386592	20.0