LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134672.D
Acq On : 08 Aug 2023 15:22
Operator : CG\JU
Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-PP05A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.410	390	395	401	rBV	108025	126023	2.18%	0.165%
2	5.028	496	500	513	rVB	164313	202824	3.51%	0.266%
3	5.434	564	569	572	rBV	2886894	2843666	49.23%	3.731%
4	6.434	734	739	742	rBV	2976111	2813622	48.71%	3.691%
5	6.798	798	801	805	rBV	1389125	1148700	19.89%	1.507%
6	7.357	892	896	899	rBV	1880667	1677975	29.05%	2.201%
7	8.081	1014	1019	1022	rBV	1474503	1366479	23.66%	1.793%
8	9.157	1198	1202	1205	rBV	3201954	2722463	47.14%	3.572%
9	9.692	1290	1293	1297	rVB	138051	116742	2.02%	0.153%
10	9.833	1313	1317	1320	rBV	1523846	1203696	20.84%	1.579%
11	10.033	1347	1351	1355	rBV	89539	94311	1.63%	0.124%
12	10.151	1367	1371	1374	rBV	105375	100154	1.73%	0.131%
13	10.239	1382	1386	1389	rBV	98075	133588	2.31%	0.175%
14	10.445	1416	1421	1423	rBV2	114151	153525	2.66%	0.201%
15	10.533	1432	1436	1438	rVV5	81663	120686	2.09%	0.158%
16	10.622	1446	1451	1455	rVB	1732558	1438704	24.91%	1.888%
17	10.751	1467	1473	1476	rBV3	148062	170782	2.96%	0.224%
18	10.933	1498	1504	1506	rBV3	134467	175538	3.04%	0.230%
19	10.957	1506	1508	1512	rVV4	132363	175365	3.04%	0.230%
20	10.986	1512	1513	1515	rVV2	86522	86436	1.50%	0.113%
21	11.080	1527	1529	1531	rVV3	177888	158222	2.74%	0.208%
22	11.133	1535	1538	1541	rVV2	84404	105425	1.83%	0.138%
23	11.175	1541	1545	1551	rVV6	139643	254114	4.40%	0.333%
24	11.222	1551	1553	1558	rVV4	87021	127136	2.20%	0.167%
25	11.322	1567	1570	1572	rBV	1328303	1156729	20.03%	1.518%
26	11.345	1572	1574	1578	rVV	1368427	1123245	19.45%	1.474%
27	11.398	1580	1583	1586	rVB	414740	324438	5.62%	0.426%
28	11.433	1586	1589	1592	rBV2	187406	242968	4.21%	0.319%
29	11.557	1608	1610	1611	rBV	106782	92063	1.59%	0.121%
30	11.622	1619	1621	1623	rVB	176518	121358	2.10%	0.159%
31	11.657	1623	1627	1630	rBV	361964	313979	5.44%	0.412%
32	11.739	1638	1641	1644	rVB	157182	157750	2.73%	0.207%
33	11.780	1645	1648	1651	rBV3	99664	100338	1.74%	0.132%
34	11.827	1652	1656	1659	rBV	1189554	1120074	19.39%	1.470%
35	11.857	1659	1661	1665	rVB	1778474	1423109	24.64%	1.867%
36	11.904	1665	1669	1672	rBV	497944	457843	7.93%	0.601%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134672.D
Acq On : 08 Aug 2023 15:22
Operator : CG\JU
Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP05A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.939	1672	1675	1678	rBV	1877226	1985429	34.38%	2.605%
38	11.963	1678	1679	1684	rVB	1222497	807800	13.99%	1.060%
39	12.016	1685	1688	1690	rBV	145854	150800	2.61%	0.198%
40	12.063	1693	1696	1699	rVB	344778	281299	4.87%	0.369%
41	12.127	1699	1707	1709	rBV3	691506	871219	15.08%	1.143%
42	12.151	1709	1711	1717	rVB4	434872	494527	8.56%	0.649%
43	12.198	1717	1719	1722	rBV	295317	286067	4.95%	0.375%
44	12.257	1726	1729	1730	rBV	278754	239812	4.15%	0.315%
45	12.274	1730	1732	1735	rVB	561252	423667	7.34%	0.556%
46	12.304	1735	1737	1740	rBV	430900	373247	6.46%	0.490%
47	12.333	1740	1742	1744	rVB	365786	290206	5.02%	0.381%
48	12.386	1744	1751	1753	rBV	1717071	1915230	33.16%	2.513%
49	12.416	1753	1756	1759	rVV2	762857	889283	15.40%	1.167%
50	12.439	1759	1760	1762	rVB	557898	311306	5.39%	0.408%
51	12.469	1762	1765	1769	rBV2	881685	1110321	19.22%	1.457%
52	12.545	1773	1778	1782	rBV	3398200	3135317	54.28%	4.113%
53	12.592	1783	1786	1787	rBV	284519	245120	4.24%	0.322%
54	12.674	1797	1800	1803	rBV2	342575	435162	7.53%	0.571%
55	12.710	1803	1806	1807	rVV3	186452	182160	3.15%	0.239%
56	12.727	1807	1809	1812	rVB	354607	289506	5.01%	0.380%
57	12.780	1812	1818	1823	rBV	4602600	5775777	100.00%	7.578%
58	12.833	1823	1827	1830	rVB2	567589	725274	12.56%	0.952%
59	12.863	1830	1832	1834	rBV3	127486	122028	2.11%	0.160%
60	12.892	1834	1837	1838	rVV2	261163	233933	4.05%	0.307%
61	12.921	1838	1842	1849	rVB	3013631	3155981	54.64%	4.141%
62	12.992	1850	1854	1858	rBV2	992005	1396963	24.19%	1.833%
63	13.051	1862	1864	1866	rBV2	264916	231854	4.01%	0.304%
64	13.080	1866	1869	1871	rBV3	748329	965910	16.72%	1.267%
65	13.104	1871	1873	1876	rVB	1010593	860759	14.90%	1.129%
66	13.139	1876	1879	1880	rBV2	150417	157481	2.73%	0.207%
67	13.169	1881	1884	1887	rVV2	476009	456783	7.91%	0.599%
68	13.210	1887	1891	1893	rVV	1351238	1238635	21.45%	1.625%
69	13.233	1893	1895	1899	rVV3	289971	337802	5.85%	0.443%
70	13.269	1899	1901	1903	rVB	187791	143264	2.48%	0.188%
71	13.304	1903	1907	1909	rBV	1089309	987510	17.10%	1.296%
72	13.333	1909	1912	1915	rVB	1173380	987070	17.09%	1.295%
73	13.369	1915	1918	1922	rVB4	152033	161669	2.80%	0.212%
74	13.416	1923	1926	1930	rVB3	225579	308675	5.34%	0.405%
75	13.480	1934	1937	1938	rBV2	144658	138884	2.40%	0.182%
76	13.557	1948	1950	1953	rVB2	197623	161124	2.79%	0.211%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134672.D
Acq On : 08 Aug 2023 15:22
Operator : CG\JU
Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-PP05A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.610	1954	1959	1964	rVV2	648754	856770	14.83%	1.124%
78	13.674	1968	1970	1973	rVB	235170	171187	2.96%	0.225%
79	13.721	1974	1978	1981	rBV3	605960	933592	16.16%	1.225%
80	13.751	1981	1983	1985	rVV	618307	476312	8.25%	0.625%
81	13.774	1985	1987	1992	rVV2	234326	287691	4.98%	0.377%
82	13.821	1992	1995	1999	rVB	519139	574891	9.95%	0.754%
83	13.968	2016	2020	2024	rBV2	2586792	3656716	63.31%	4.797%
84	14.004	2024	2026	2031	rVB	2424703	2178303	37.71%	2.858%
85	14.063	2034	2036	2038	rBV	210310	204081	3.53%	0.268%
86	14.080	2038	2039	2041	rVB	215438	138000	2.39%	0.181%
87	14.233	2063	2065	2067	rVB2	191738	147746	2.56%	0.194%
88	14.327	2079	2081	2083	rBV	270811	246252	4.26%	0.323%
89	14.368	2083	2088	2091	rVV	921454	1027145	17.78%	1.348%
90	14.398	2091	2093	2096	rVB	592648	479346	8.30%	0.629%
91	14.439	2097	2100	2101	rBV	210413	229629	3.98%	0.301%
92	14.492	2106	2109	2111	rBV	332230	319196	5.53%	0.419%
93	15.021	2194	2199	2206	rBV2	1144905	2056066	35.60%	2.697%
94	15.127	2214	2217	2221	rVB	196334	212763	3.68%	0.279%
95	15.327	2247	2251	2256	rVB	794147	960502	16.63%	1.260%
96	15.386	2257	2261	2267	rVB	1064553	1349351	23.36%	1.770%
97	15.451	2268	2272	2275	rBV	623867	758189	13.13%	0.995%
98	15.480	2275	2277	2280	rVV	155009	144823	2.51%	0.190%
99	16.945	2521	2526	2535	rVB2	338054	686444	11.88%	0.901%
100	17.392	2597	2602	2614	rVB	352663	711482	12.32%	0.933%

Sum of corrected areas: 76221401

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134672.D
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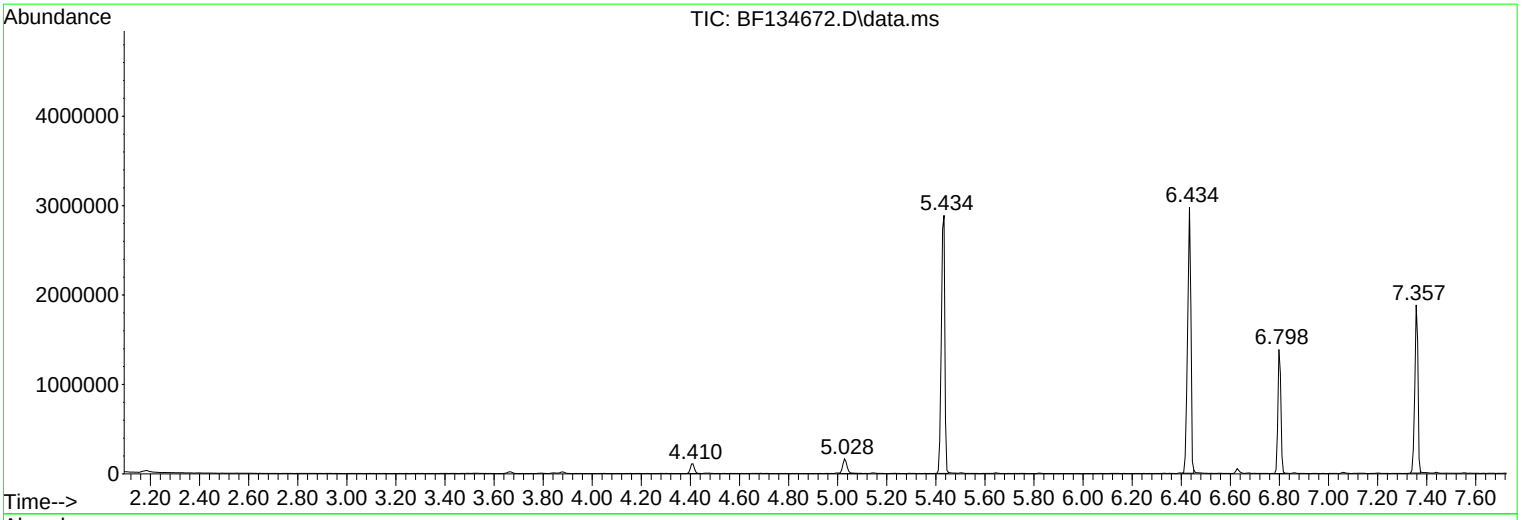
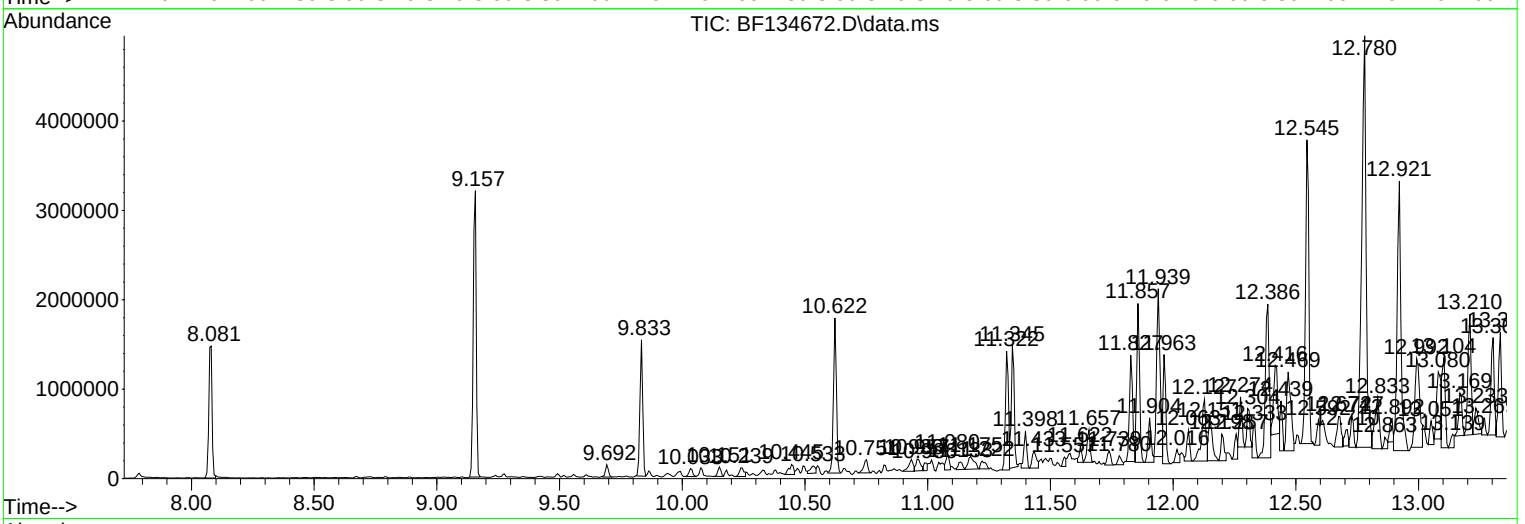
Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

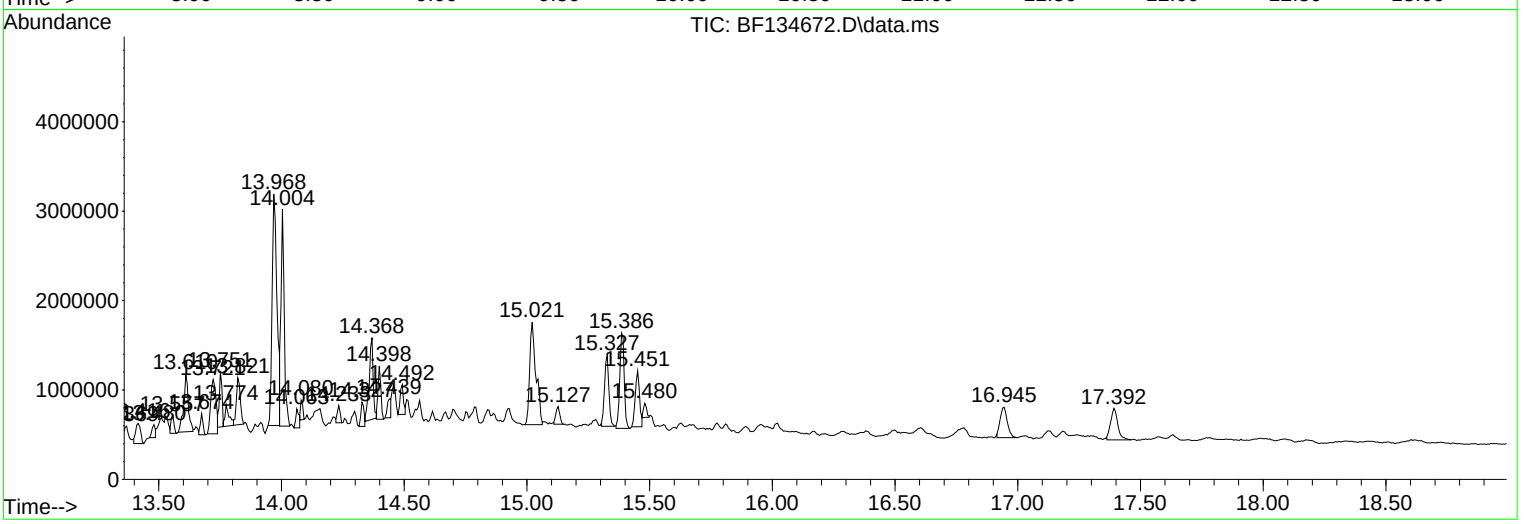
Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF080823\
Data File : BF134672.D
Acq On : 08 Aug 2023 15:22
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Sample : 03917-03
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Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

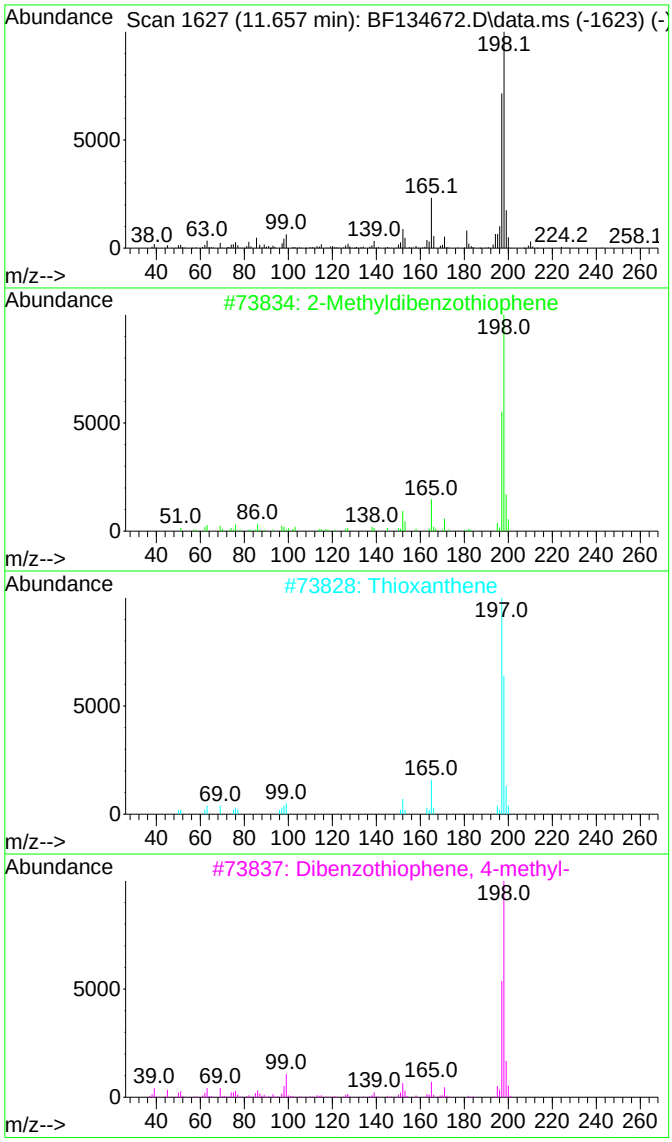
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

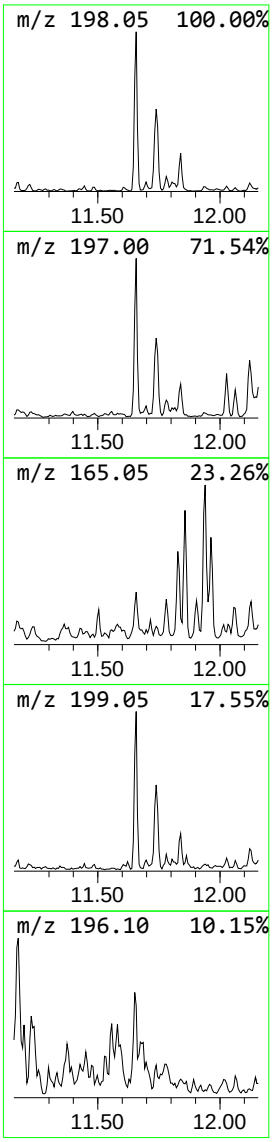
****

Peak Number 1 2-Methyldibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	5.43 ng	313979	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93
2	Thioxanthene	198	C13H10S	000261-31-4	91
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134672.D
Acq On : 08 Aug 2023 15:22
Operator : CG\JU
Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

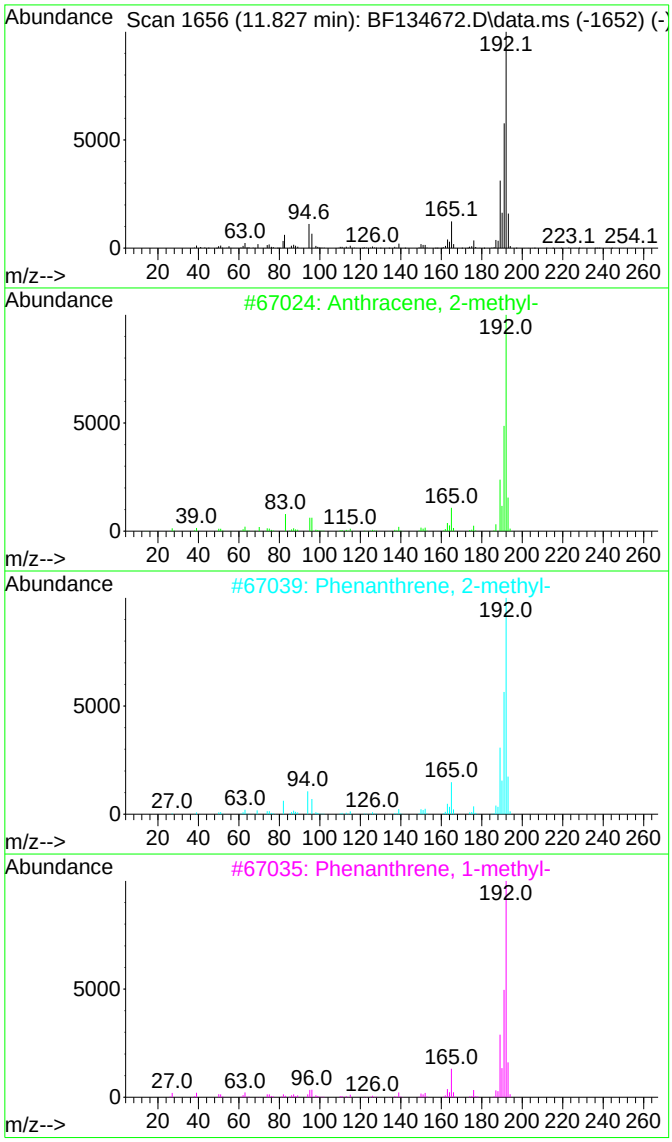
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

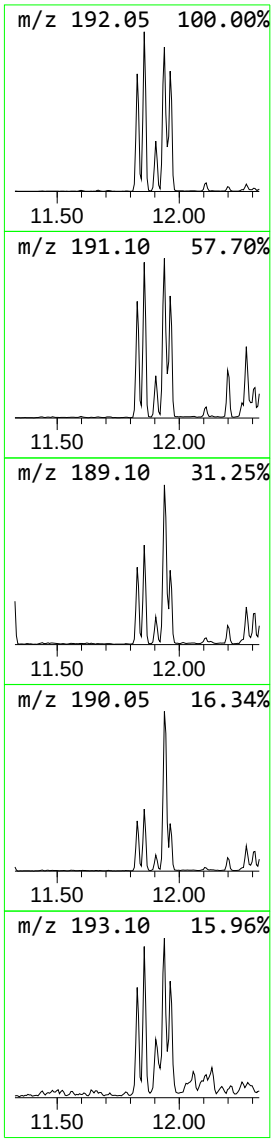
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	19.37 ng	1120070	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Data File : BF134672.D
Acq On : 08 Aug 2023 15:22
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Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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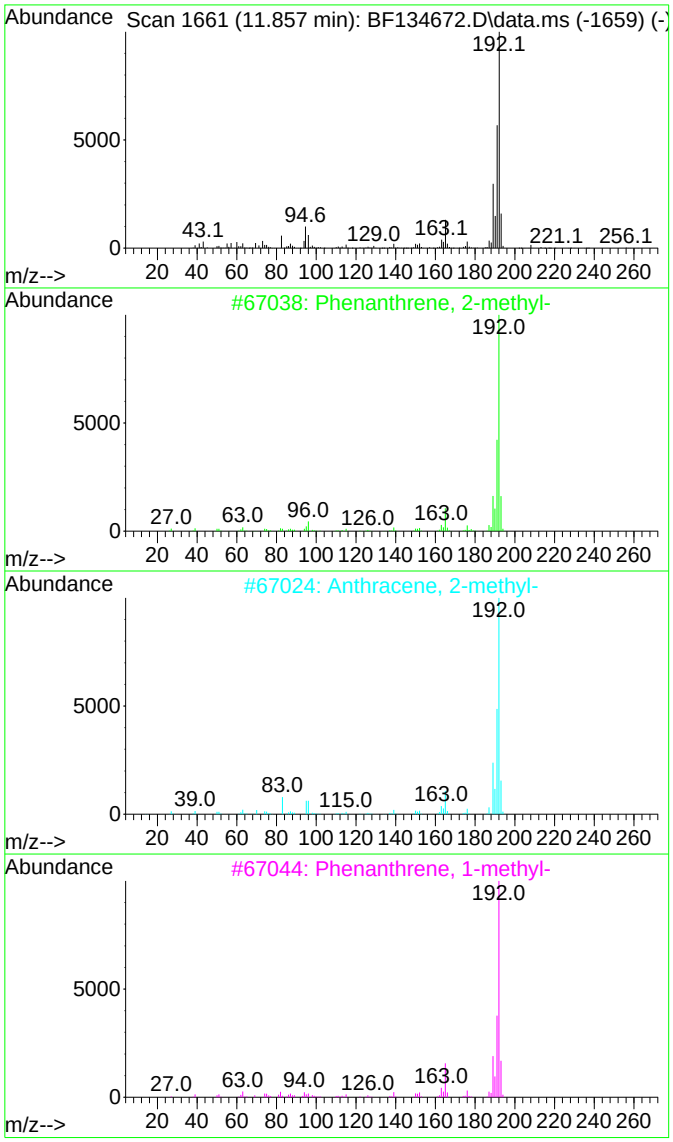
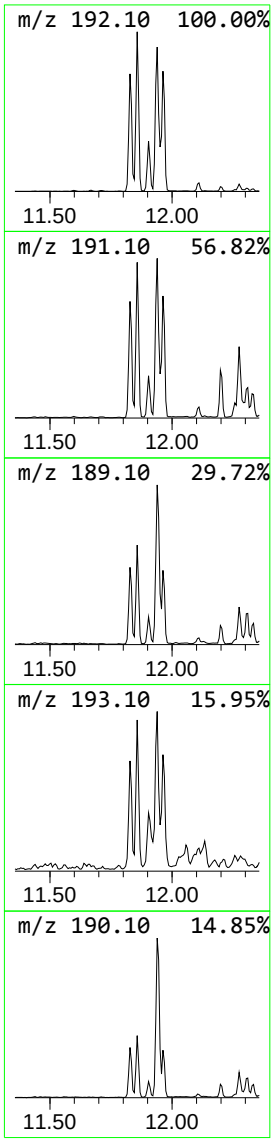
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	24.61 ng	1423110	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134672.D
Acq On : 08 Aug 2023 15:22
Operator : CG\JU
Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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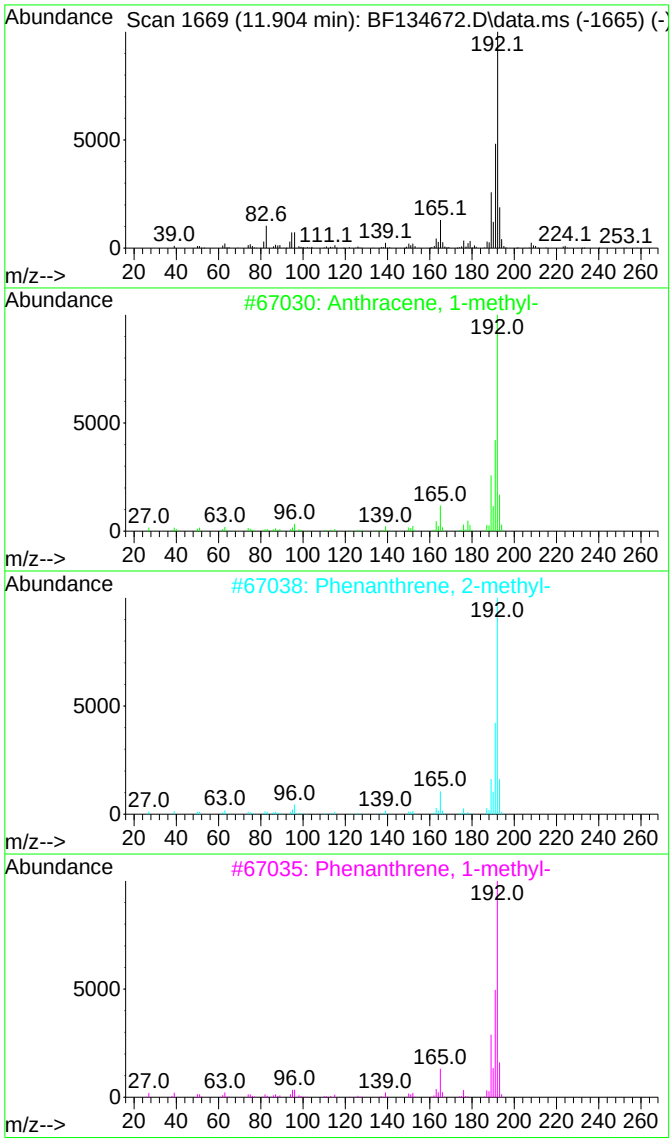
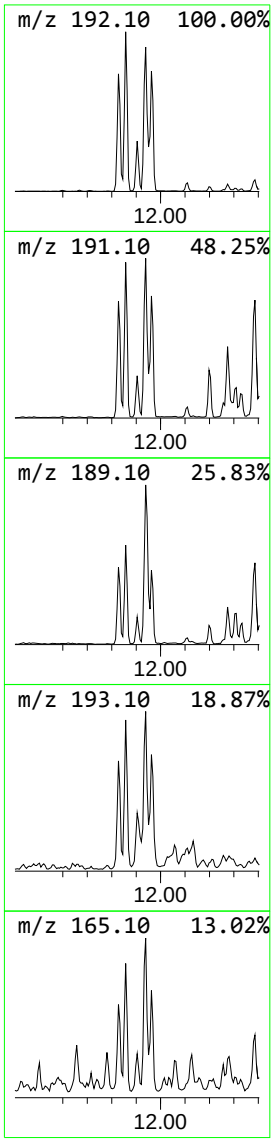
Peak Number 4 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	7.92 ng	457843	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134672.D
Acq On : 08 Aug 2023 15:22
Operator : CG\JU
Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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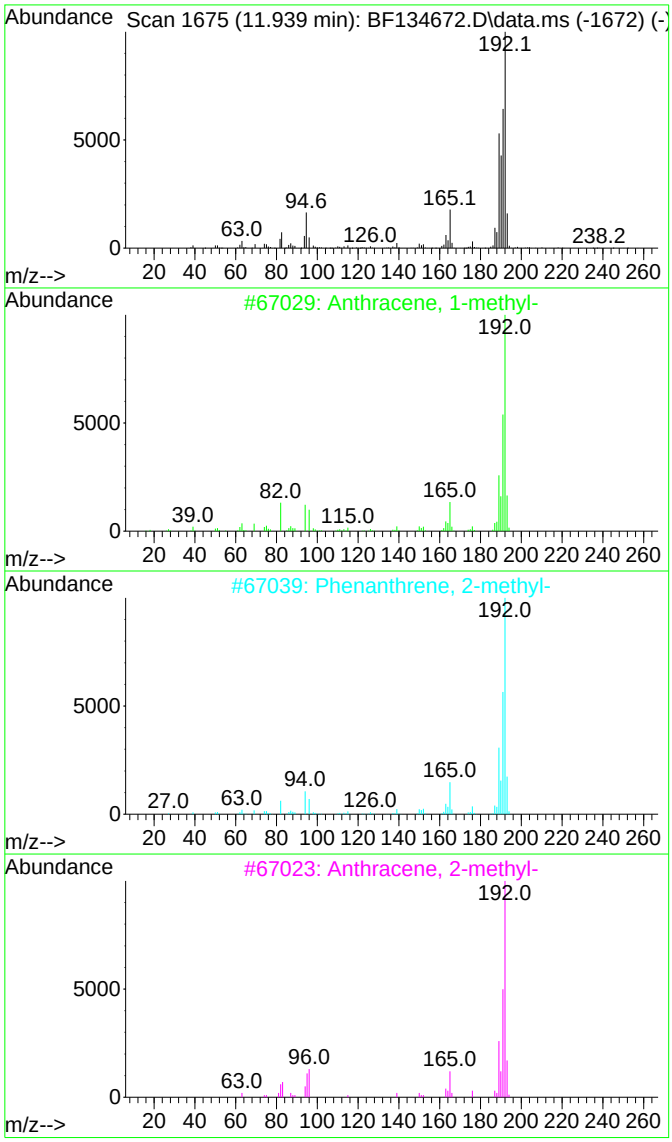
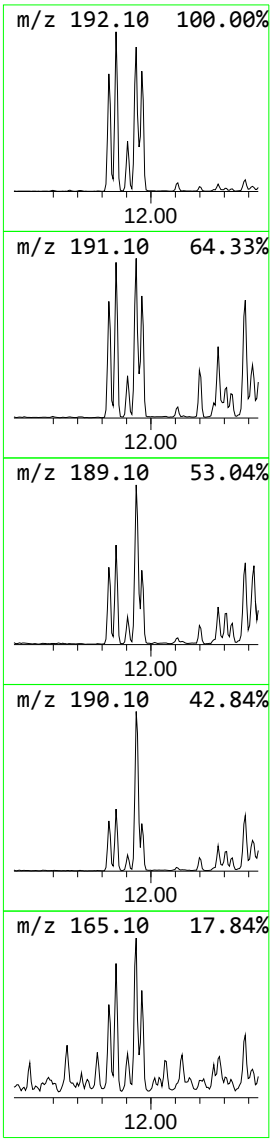
Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	34.33 ng	1985430	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60





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Operator : CG\JU
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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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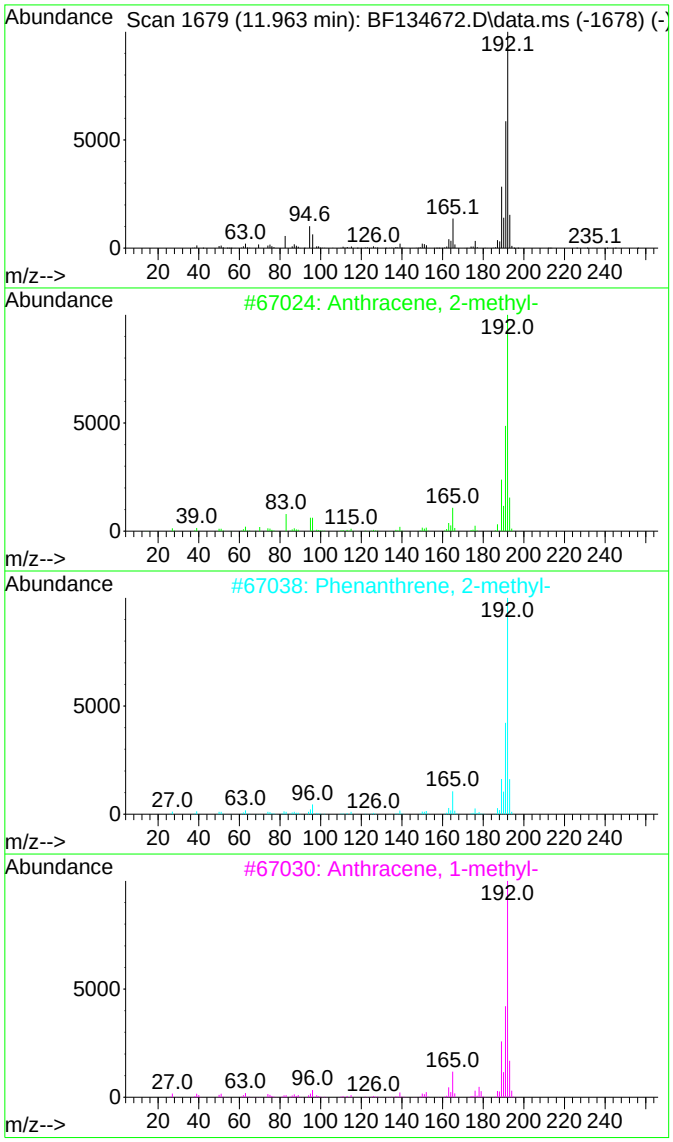
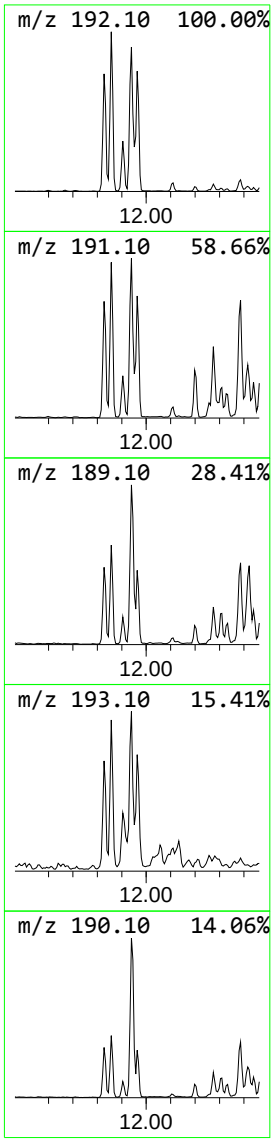
Peak Number 6 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	13.97 ng	807800	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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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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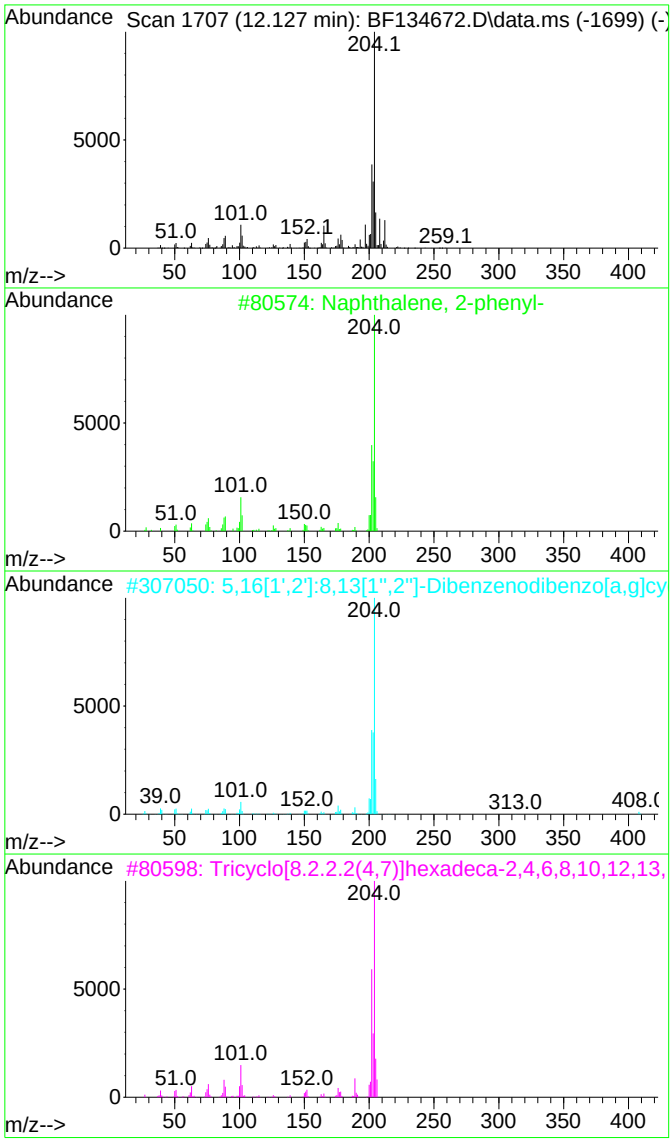
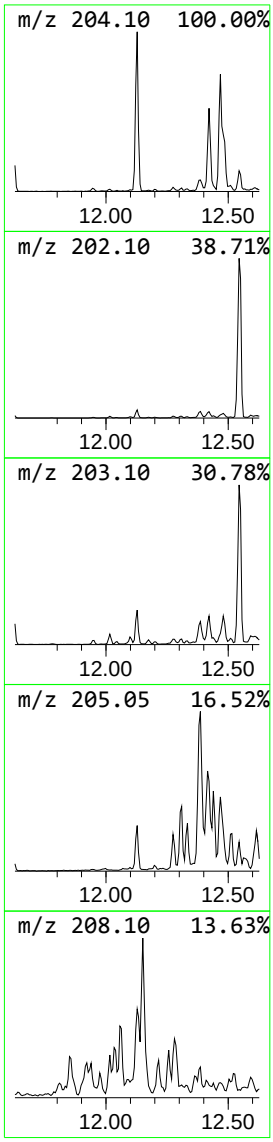
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	15.06 ng	871219	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	46





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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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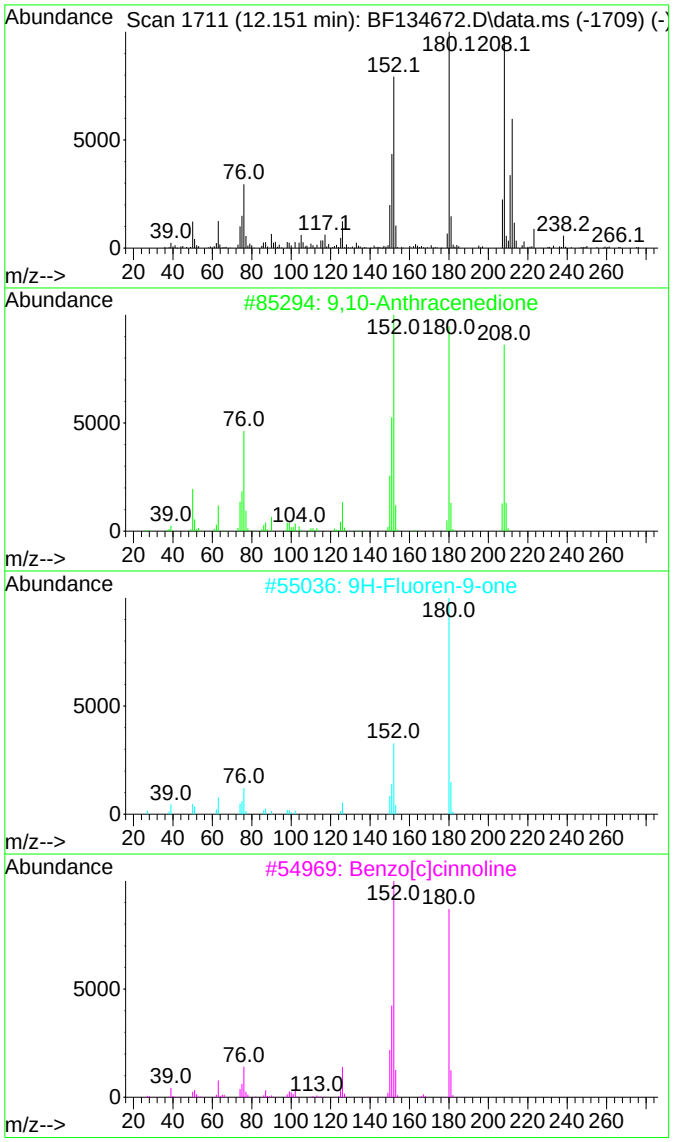
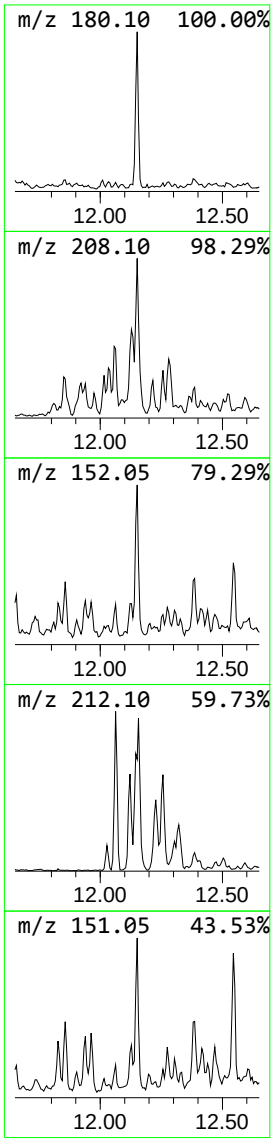
Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	8.55 ng	494527	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	Diphenic anhydride	224	C14H8O3	006050-13-1	45





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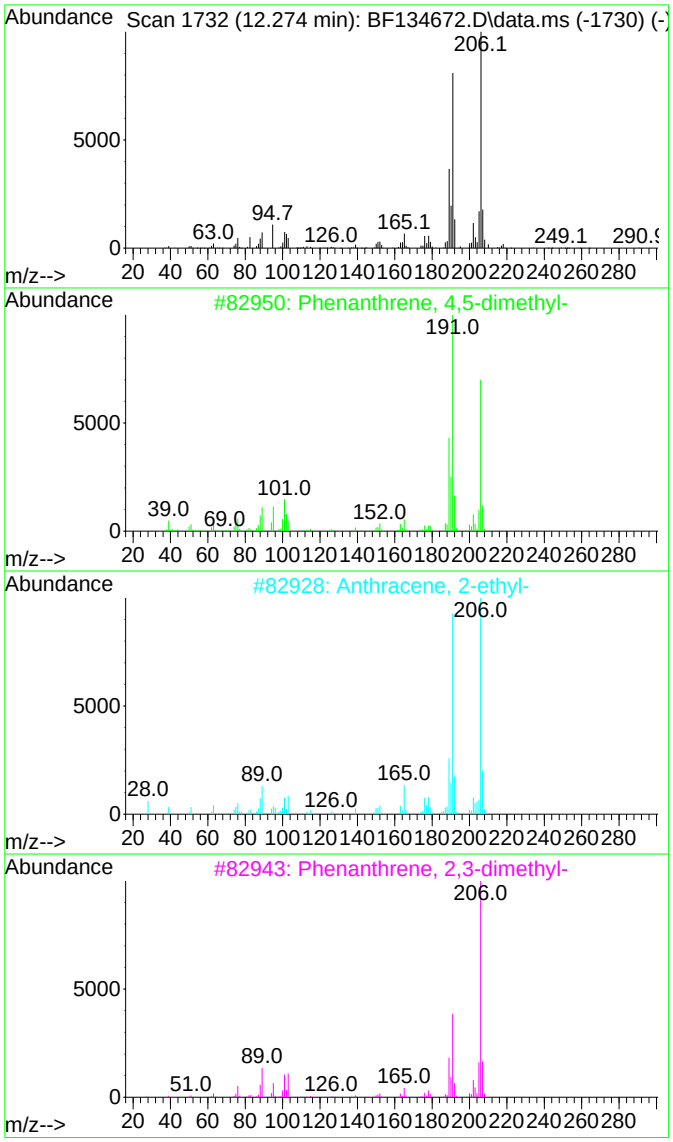
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

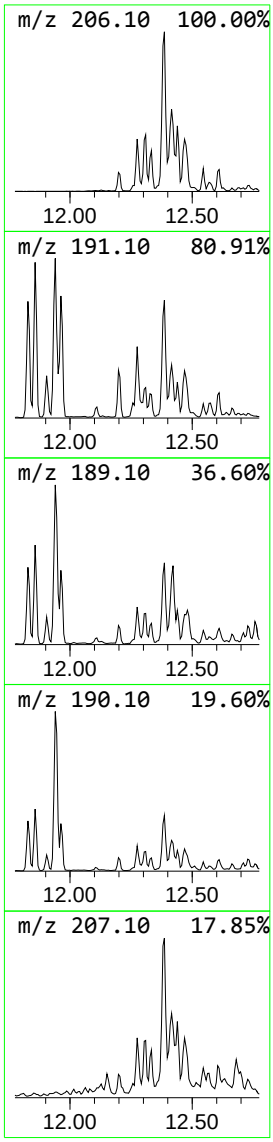
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 4,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.275	7.33 ng	423667	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	80
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	80





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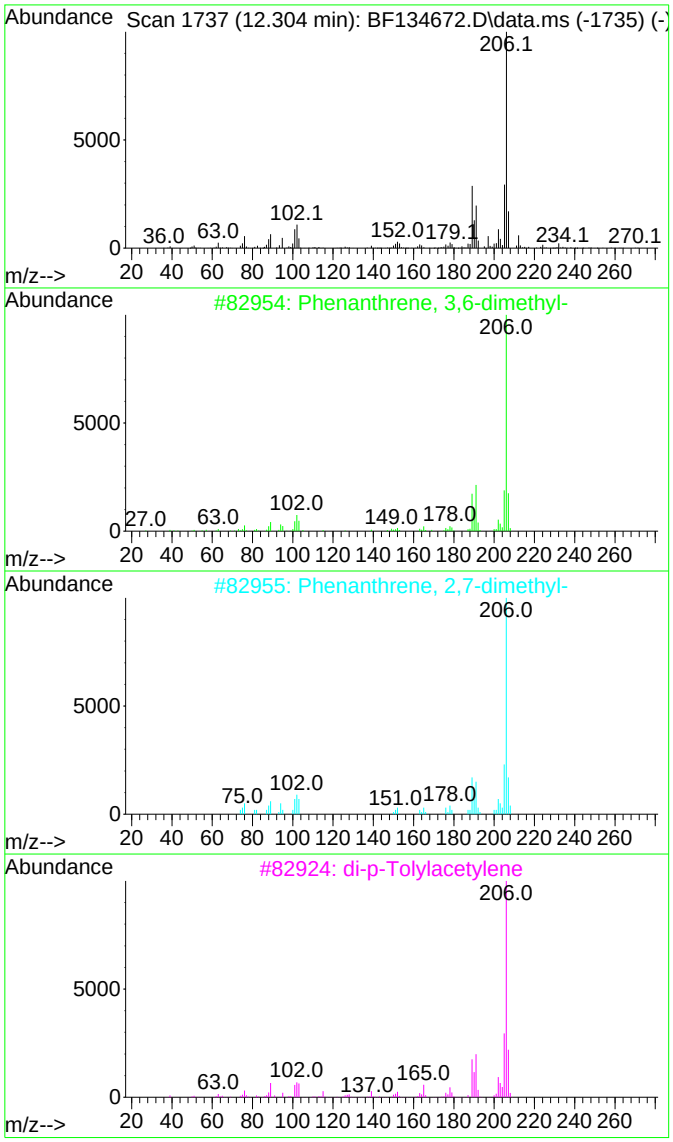
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

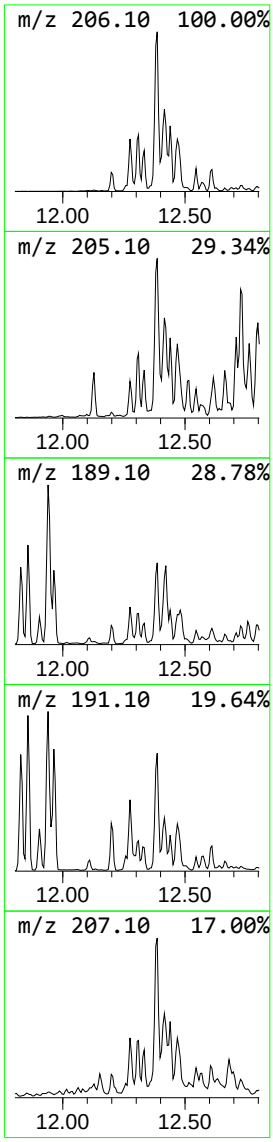
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	6.45 ng	373247	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	72
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64





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ALS Vial : 12 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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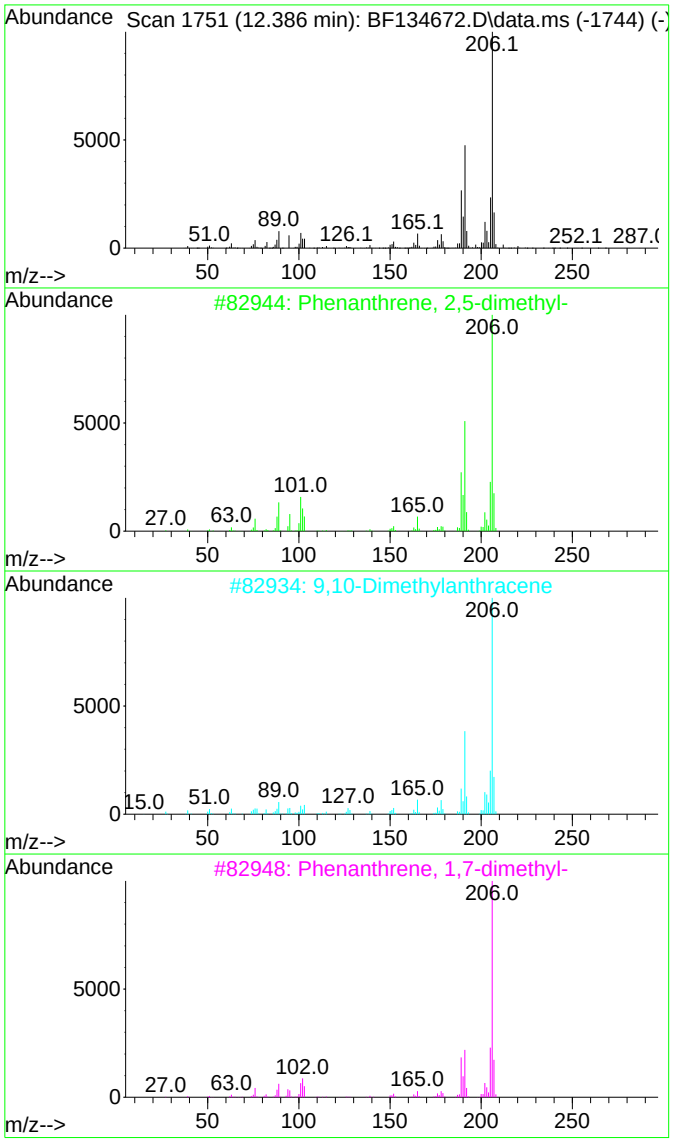
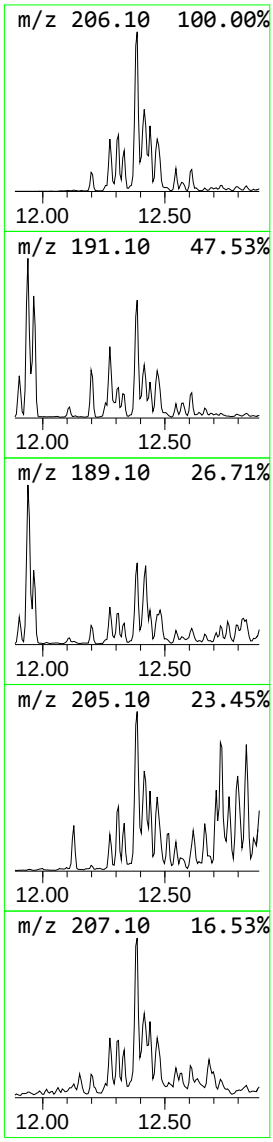
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	33.11 ng	1915230	Phenanthrene-d10	11.322

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





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Sample : 03917-03
Misc :
ALS Vial : 12 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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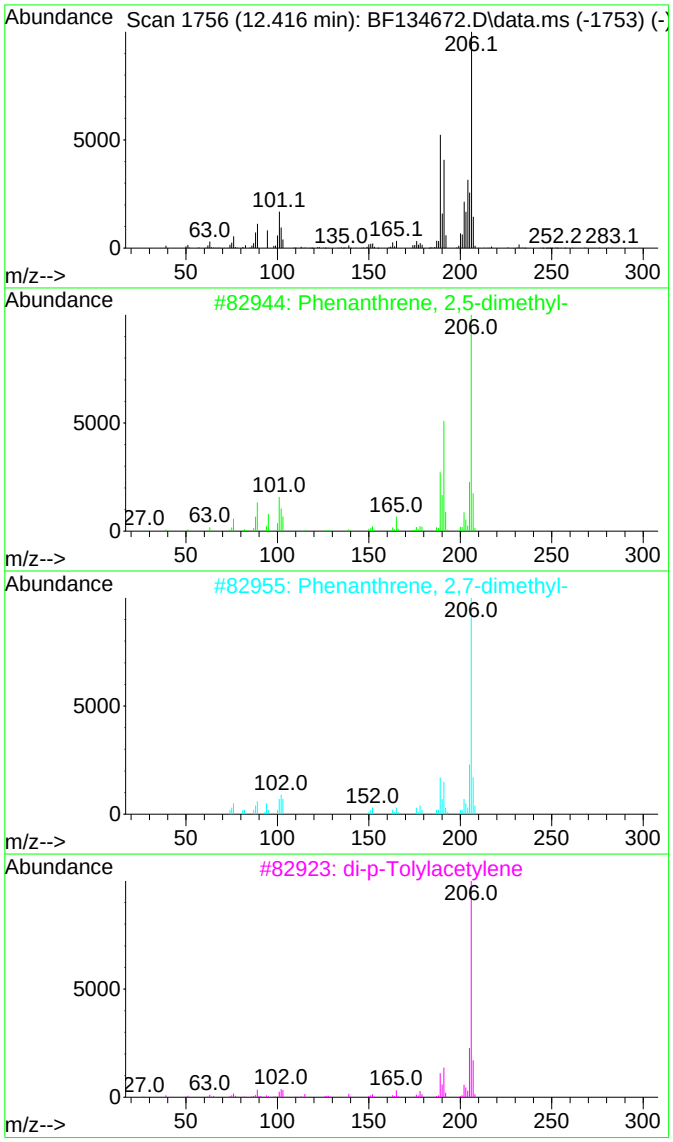
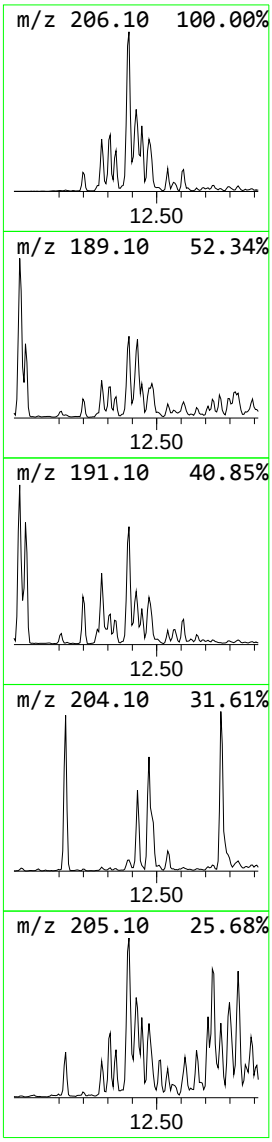
Peak Number 12 Phenanthrene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	15.38 ng	889283	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	72
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	70
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	64





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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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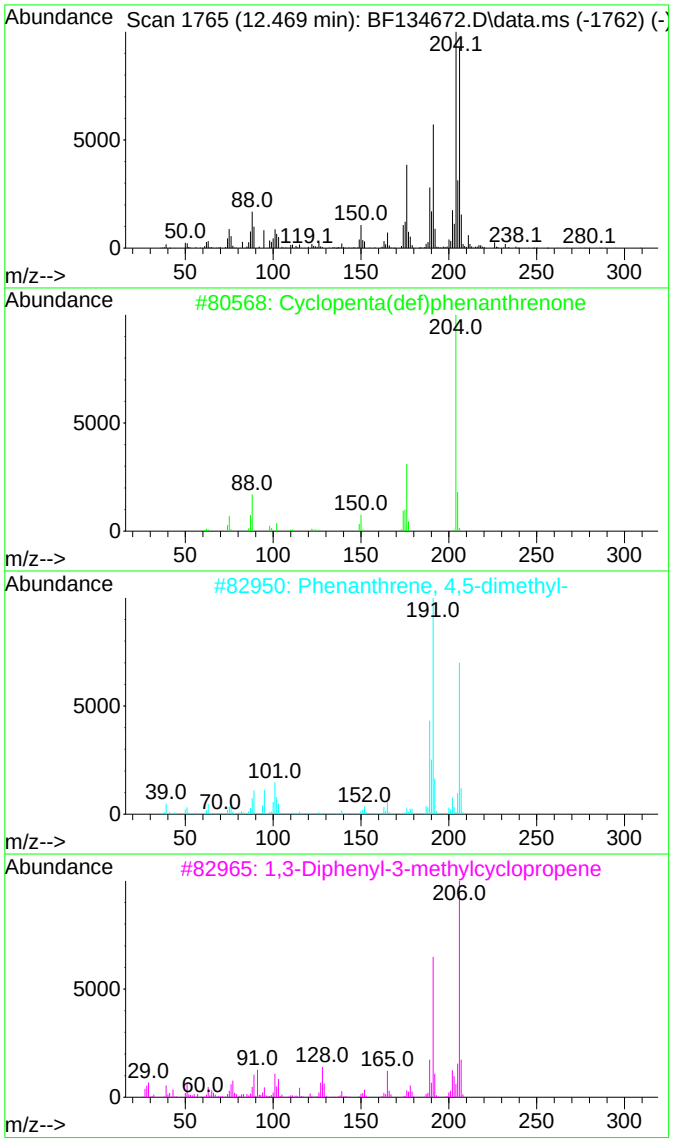
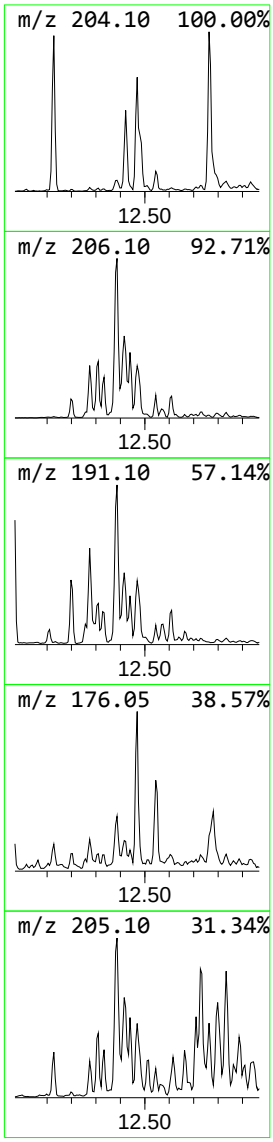
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	19.20 ng	1110320	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	64
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55





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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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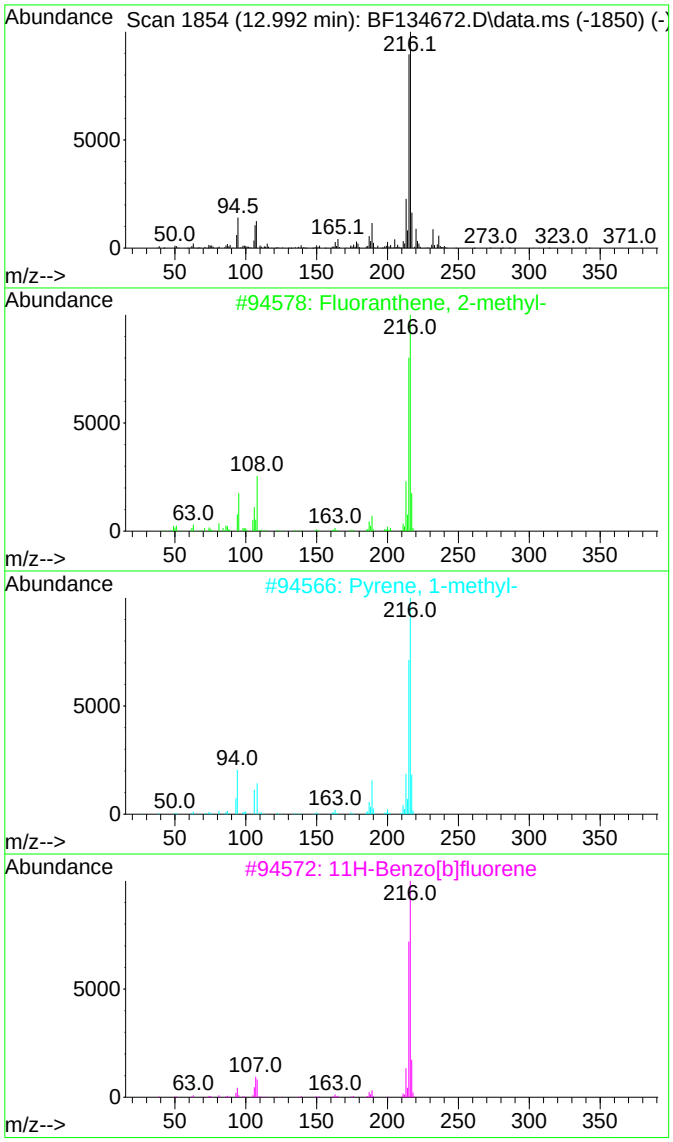
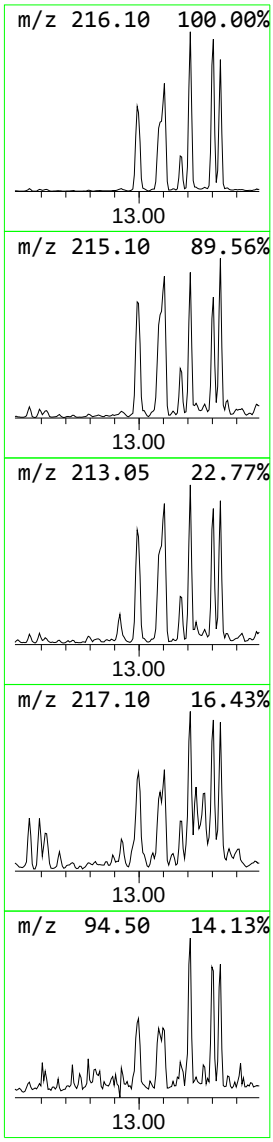
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	7.64 ng	1396960	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	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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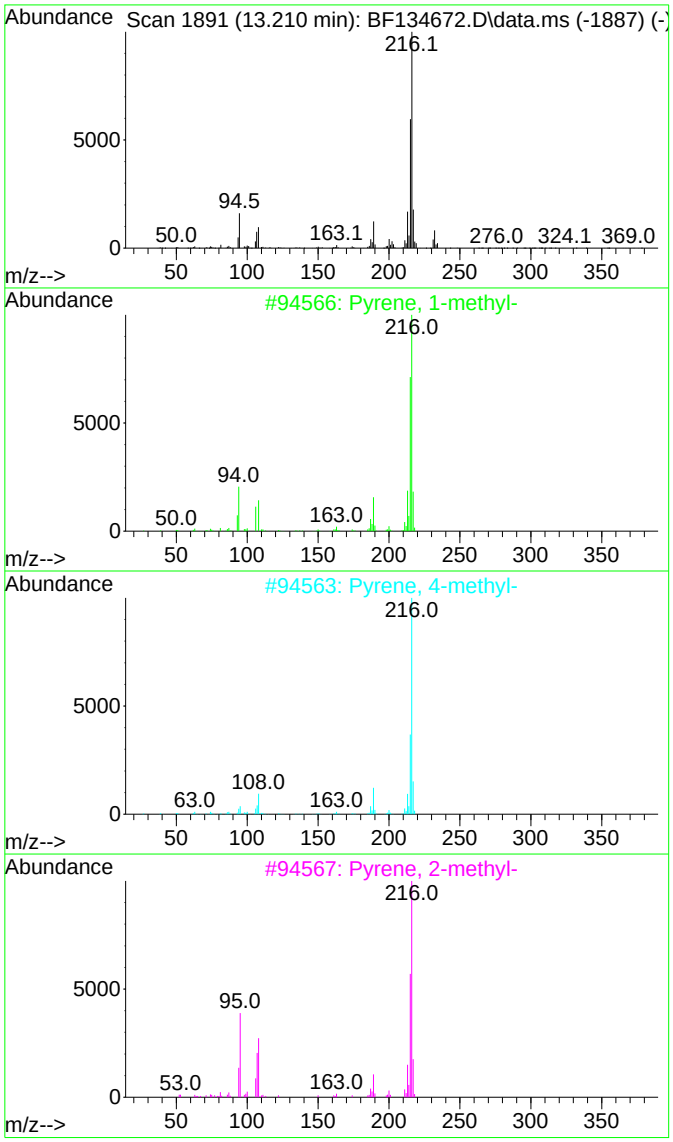
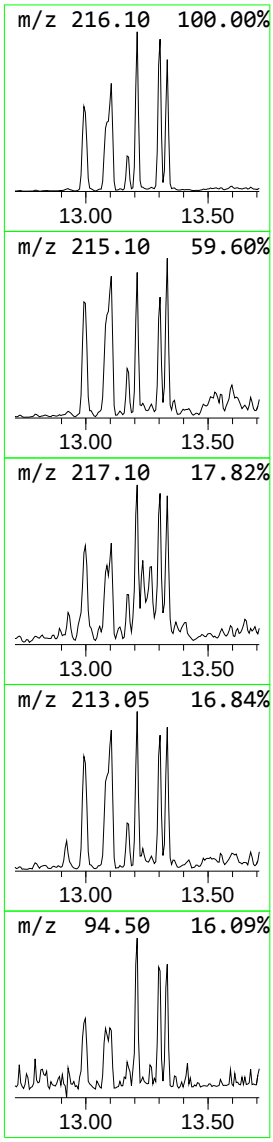
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	6.77 ng	1238640	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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TIC Library : C:\Database\NIST20.L
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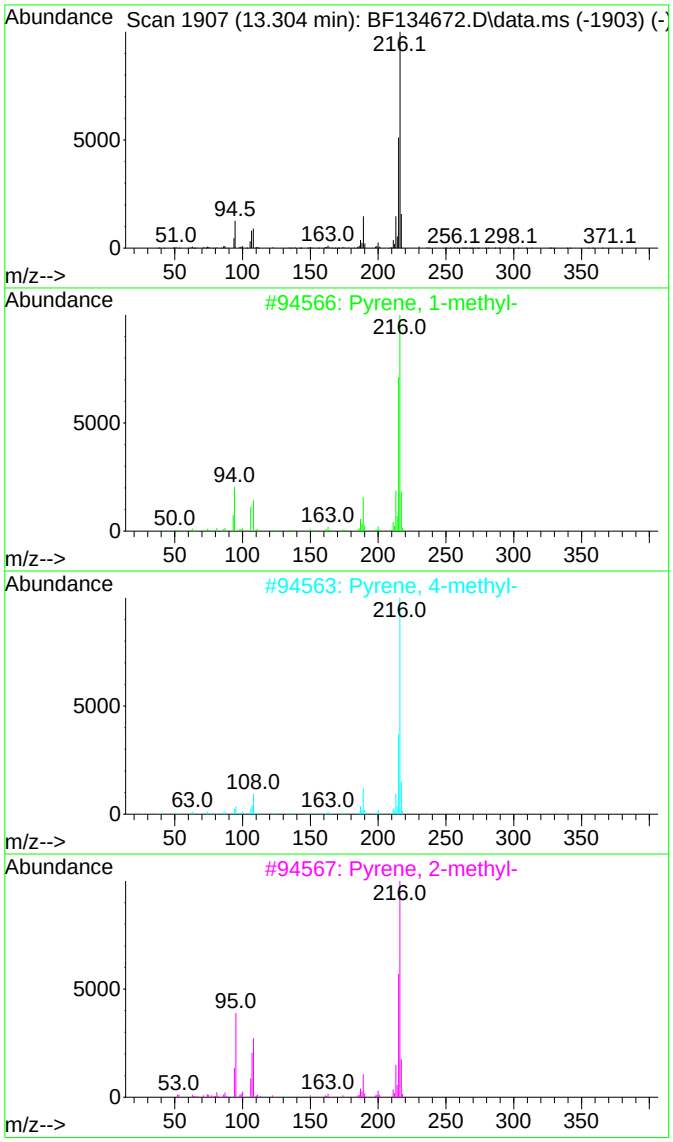
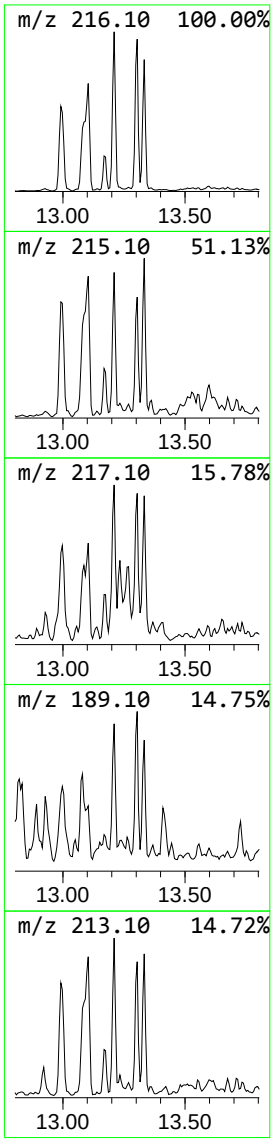
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	5.40 ng	987510	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Acq On : 08 Aug 2023 15:22
Operator : CG\JU
Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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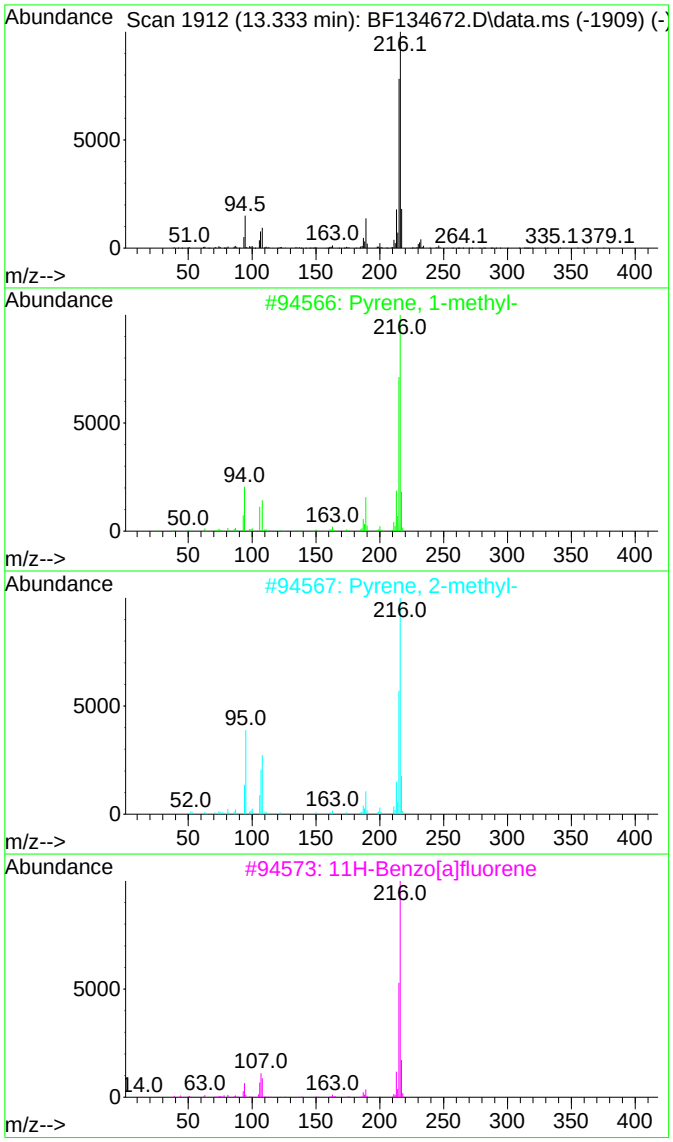
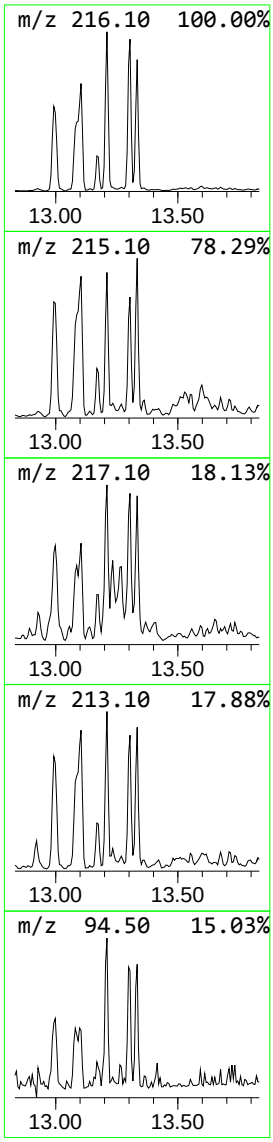
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.333	5.40 ng	987070	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Misc :
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Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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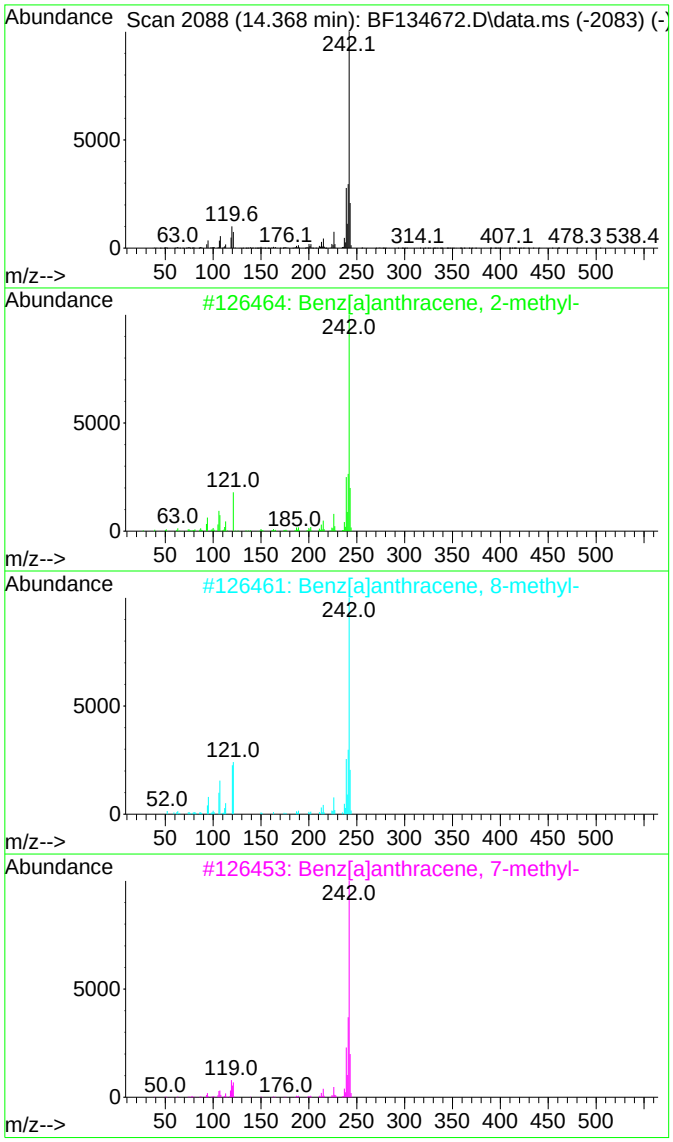
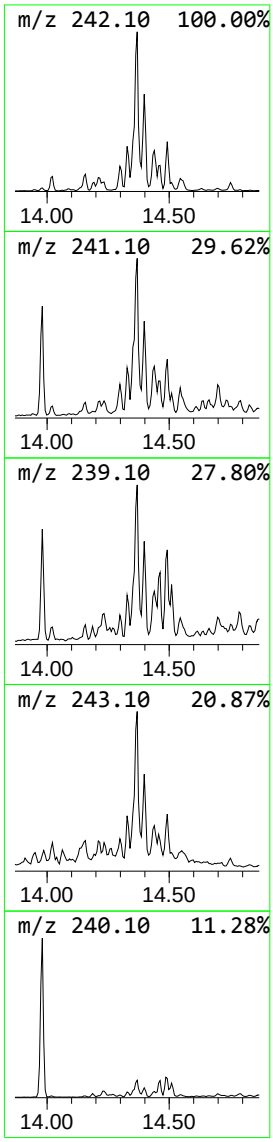
Peak Number 18 Benz[a]anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.368	5.62 ng	1027150	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90





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Acq On : 08 Aug 2023 15:22
Operator : CG\JU
Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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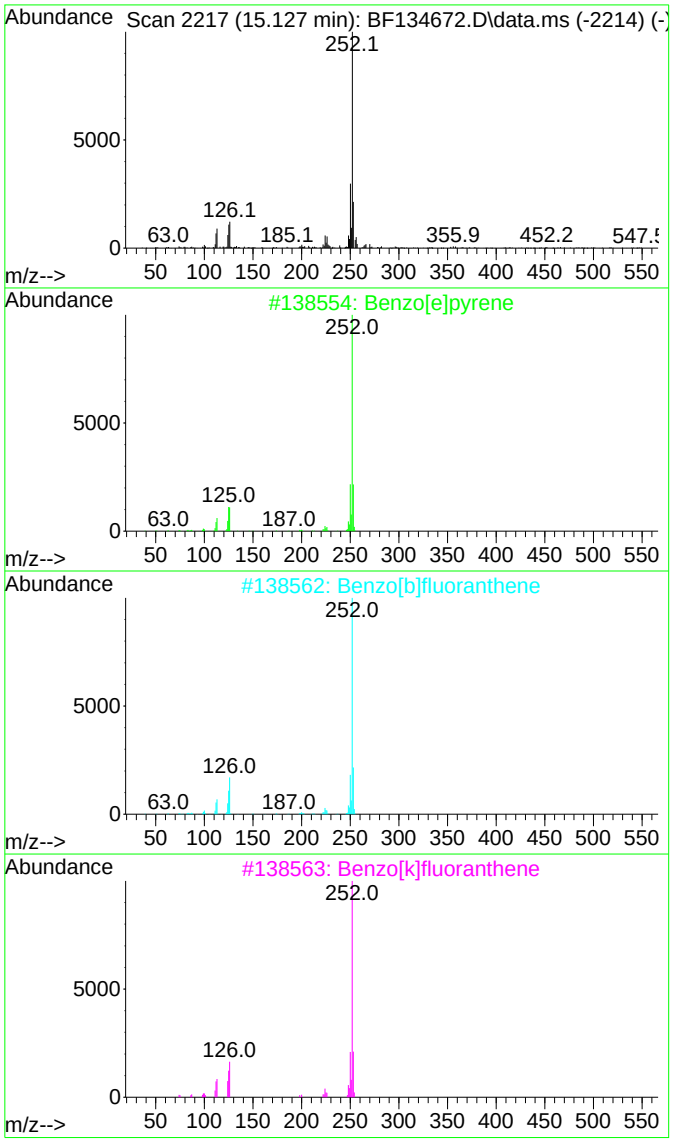
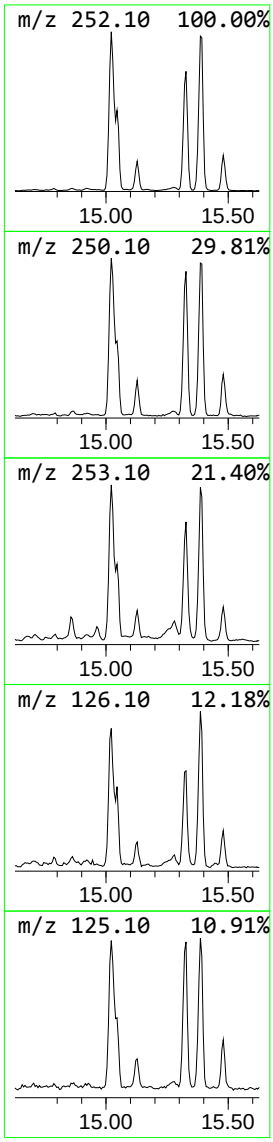
Peak Number 19 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	5.61 ng	212763	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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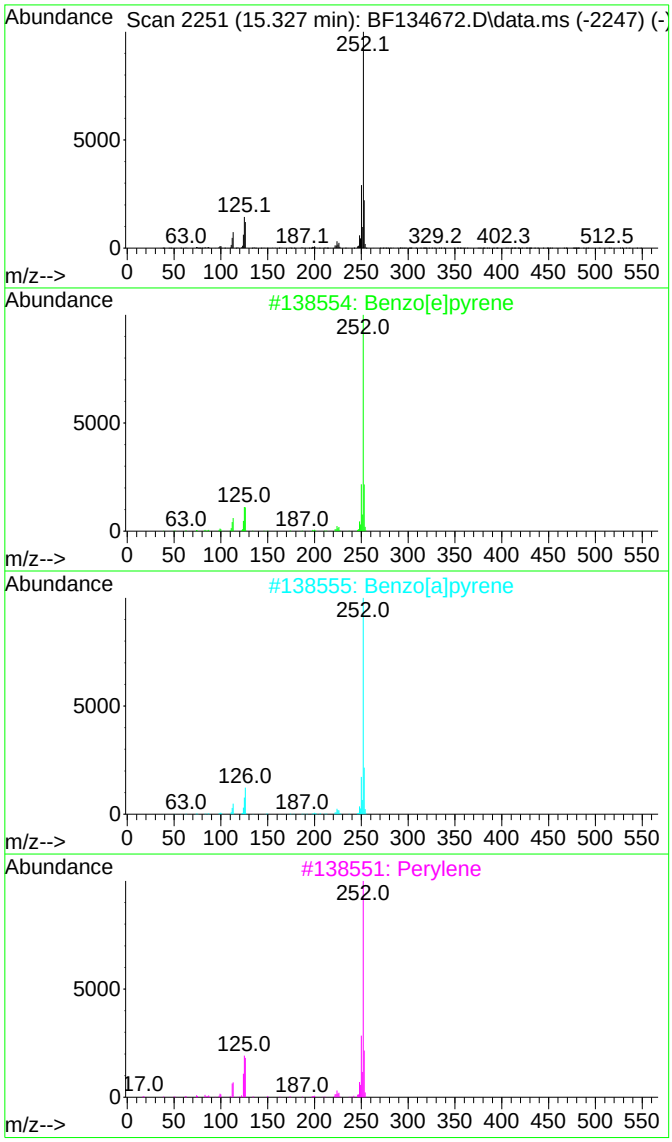
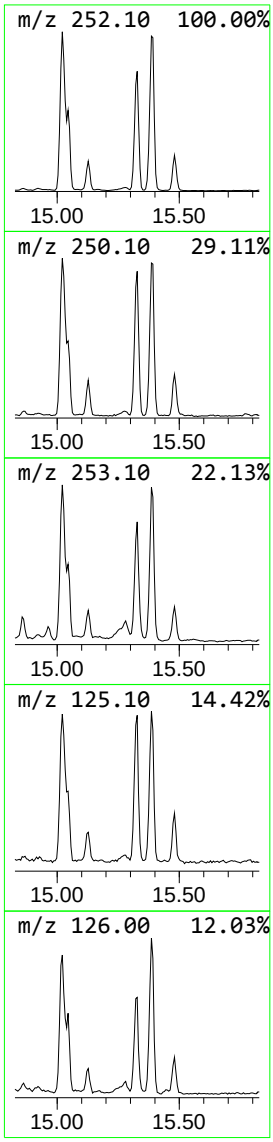
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	25.34 ng	960502	Perylene-d12	15.451

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	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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Data File : BF134672.D
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Operator : CG\JU
Sample : 03917-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP05A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
2-Methyldibenzo...	11.657	5.4	ng	313979	4	11.322	1156730	20.0
Anthracene, 2-m...	11.827	19.4	ng	1120070	4	11.322	1156730	20.0
Phenanthrene, 2...	11.857	24.6	ng	1423110	4	11.322	1156730	20.0
Anthracene, 1-m...	11.904	7.9	ng	457843	4	11.322	1156730	20.0
1H-Indene, 2-ph...	11.939	34.3	ng	1985430	4	11.322	1156730	20.0
Anthracene, 9-m...	11.963	14.0	ng	807800	4	11.322	1156730	20.0
Naphthalene, 2-...	12.127	15.1	ng	871219	4	11.322	1156730	20.0
9,10-Anthracene...	12.151	8.6	ng	494527	4	11.322	1156730	20.0
Phenanthrene, 4...	12.275	7.3	ng	423667	4	11.322	1156730	20.0
Phenanthrene, 3...	12.304	6.5	ng	373247	4	11.322	1156730	20.0
Phenanthrene, 2...	12.386	33.1	ng	1915230	4	11.322	1156730	20.0
Phenanthrene, 2...	12.416	15.4	ng	889283	4	11.322	1156730	20.0
Cyclopenta(def)...	12.469	19.2	ng	1110320	4	11.322	1156730	20.0
Fluoranthene, 2...	12.992	7.6	ng	1396960	5	13.980	3656720	20.0
Pyrene, 1-methyl-	13.210	6.8	ng	1238640	5	13.980	3656720	20.0
Pyrene, 4-methyl-	13.304	5.4	ng	987510	5	13.980	3656720	20.0
Pyrene, 2-methyl-	13.333	5.4	ng	987070	5	13.980	3656720	20.0
Benz[a]anthrace...	14.368	5.6	ng	1027150	5	13.980	3656720	20.0
Benzo[e]pyrene	15.127	5.6	ng	212763	6	15.451	758189	20.0
Perylene	15.327	25.3	ng	960502	6	15.451	758189	20.0