LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

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: BF134714.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	496	499	505	rBV	53043	54335	1.97%	0.130%
2	5.428	564	568	571	rVV	1641811	1481555	53.68%	3.535%
3	6.434	735	739	744	rBV	1581777	1467448	53.17%	3.501%
4	6.634	769	773	778	rBV2	43468	63348	2.30%	0.151%
5	6.798	798	801	808	rVB	1175089	929141	33.66%	2.217%
6	7.357	892	896	899	rBV	1216793	947792	34.34%	2.261%
7	8.075	1013	1018	1021	rBV	1444156	1242999	45.03%	2.966%
8	8.098	1021	1022	1025	rVB	211382	107940	3.91%	0.258%
9	8.786	1137	1139	1143	rBV	109803	96930	3.51%	0.231%
10	8.886	1153	1156	1161	rBV	110328	88805	3.22%	0.212%
11	9.151	1198	1201	1212	rBV	2234618	1863122	67.50%	4.445%
12	9.275	1219	1222	1230	rVB	194048	185321	6.71%	0.442%
13	9.422	1242	1247	1252	rBV2	59426	86411	3.13%	0.206%
14	9.492	1255	1259	1261	rBV	94099	95357	3.45%	0.228%
15	9.516	1261	1263	1266	rVB	67580	50681	1.84%	0.121%
16	9.610	1275	1279	1284	rBV	45634	54611	1.98%	0.130%
17	9.692	1290	1293	1298	rVB	84209	69975	2.54%	0.167%
18	9.833	1311	1317	1320	rBV	1503708	1306700	47.34%	3.118%
19	9.863	1320	1322	1326	rVB	415873	321042	11.63%	0.766%
20	9.992	1339	1344	1348	rBV2	29523	42377	1.54%	0.101%
21	10.033	1348	1351	1356	rVV	240078	231063	8.37%	0.551%
22	10.075	1356	1358	1368	rVB	50001	46358	1.68%	0.111%
23	10.151	1368	1371	1373	rBV	44506	39988	1.45%	0.095%
24	10.239	1382	1386	1388	rBV	43127	46395	1.68%	0.111%
25	10.381	1406	1410	1415	rBV	402055	350705	12.71%	0.837%
26	10.469	1423	1425	1427	rVB	54052	39853	1.44%	0.095%
27	10.539	1434	1437	1441	rVB	133061	114988	4.17%	0.274%
28	10.622	1447	1451	1455	rBV	1233124	1115683	40.42%	2.662%
29	10.669	1455	1459	1463	rVB2	42857	56697	2.05%	0.135%
30	10.745	1467	1472	1477	rVB6	76962	103760	3.76%	0.248%
31	10.928	1496	1503	1506	rBV4	88998	149398	5.41%	0.356%
32	10.957	1506	1508	1511	rVV2	52868	51027	1.85%	0.122%
33	11.057	1520	1525	1527	rBV3	73643	80594	2.92%	0.192%
34	11.080	1527	1529	1531	rVV2	80984	68193	2.47%	0.163%
35	11.128	1534	1537	1541	rVV	147778	143483	5.20%	0.342%
36	11.169	1541	1544	1548	rVV2	78401	110497	4.00%	0.264%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

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	11.216	1550	1552	1558	rVB	188608	173352	6.28%	0.414%
38	11.322	1566	1570	1572	rBV	1340724	1213816	43.98%	2.896%
39	11.351	1572	1575	1578	rVV	2913437	2555640	92.59%	6.098%
40	11.398	1578	1583	1586	rVV	807384	709806	25.72%	1.694%
41	11.428	1586	1588	1592	rVB2	71895	70482	2.55%	0.168%
42	11.551	1603	1609	1612	rBV2	338098	366428	13.28%	0.874%
43	11.622	1618	1621	1624	rVB2	83254	65186	2.36%	0.156%
44	11.657	1624	1627	1632	rVB5	61212	69853	2.53%	0.167%
45	11.733	1635	1640	1645	rVB3	41615	74328	2.69%	0.177%
46	11.827	1652	1656	1658	rBV	311791	289135	10.48%	0.690%
47	11.857	1658	1661	1665	rVV2	603982	585581	21.22%	1.397%
48	11.898	1665	1668	1671	rVV	186223	163780	5.93%	0.391%
49	11.939	1671	1675	1677	rVV	492336	529981	19.20%	1.265%
50	11.957	1677	1678	1683	rVB	231281	163393	5.92%	0.390%
51	12.004	1683	1686	1688	rBV	40481	42804	1.55%	0.102%
52	12.033	1688	1691	1693	rVV	70083	56896	2.06%	0.136%
53	12.122	1703	1706	1708	rVV	251908	208409	7.55%	0.497%
54	12.145	1708	1710	1714	rVB	189625	155144	5.62%	0.370%
55	12.275	1729	1732	1734	rBV	72324	59237	2.15%	0.141%
56	12.304	1734	1737	1739	rVV	65779	53919	1.95%	0.129%
57	12.327	1739	1741	1743	rVB	75330	54462	1.97%	0.130%
58	12.374	1746	1749	1752	rBV	171944	180625	6.54%	0.431%
59	12.416	1752	1756	1758	rVV2	114658	152345	5.52%	0.363%
60	12.433	1758	1759	1761	rVV	107242	59569	2.16%	0.142%
61	12.463	1761	1764	1769	rVB2	159904	180059	6.52%	0.430%
62	12.539	1773	1777	1781	rBV	2849633	2760152	100.00%	6.586%
63	12.586	1781	1785	1786	rVV	58245	54237	1.97%	0.129%
64	12.645	1790	1795	1797	rVV2	80506	108674	3.94%	0.259%
65	12.686	1800	1802	1807	rVV2	103051	129149	4.68%	0.308%
66	12.769	1810	1816	1819	rVV2	2468208	2722383	98.63%	6.495%
67	12.816	1822	1824	1829	rVB2	153164	164203	5.95%	0.392%
68	12.886	1833	1836	1838	rBV	188892	170056	6.16%	0.406%
69	12.916	1838	1841	1847	rVB	1938615	1677958	60.79%	4.004%
70	12.986	1848	1853	1856	rBV2	194864	318900	11.55%	0.761%
71	13.016	1856	1858	1861	rVV	60844	65491	2.37%	0.156%
72	13.074	1865	1868	1869	rVV3	164602	177710	6.44%	0.424%
73	13.098	1869	1872	1875	rVB2	373245	363282	13.16%	0.867%
74	13.163	1880	1883	1886	rBV	260155	228732	8.29%	0.546%
75	13.198	1886	1889	1892	rBV2	275011	309504	11.21%	0.738%
76	13.257	1897	1899	1902	rBV	61729	59050	2.14%	0.141%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
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Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

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	13.292	1902	1905	1908	rVB	155033	123694	4.48%	0.295%
78	13.321	1908	1910	1915	rBV2	141993	164775	5.97%	0.393%
79	13.604	1956	1958	1963	rVB	226675	235657	8.54%	0.562%
80	13.716	1973	1977	1980	rBV2	231004	280052	10.15%	0.668%
81	13.745	1980	1982	1984	rVV	225251	213494	7.73%	0.509%
82	13.769	1984	1986	1988	rVV	194475	198968	7.21%	0.475%
83	13.816	1991	1994	2001	rVB2	288282	368057	13.33%	0.878%
84	13.969	2013	2020	2023	rBV2	1610737	2512700	91.03%	5.995%
85	13.998	2023	2025	2028	rVB	1144569	879898	31.88%	2.099%
86	14.074	2036	2038	2041	rVB	177343	140992	5.11%	0.336%
87	14.327	2078	2081	2082	rBV	64143	60913	2.21%	0.145%
88	14.357	2084	2086	2089	rVV	232700	210571	7.63%	0.502%
89	14.392	2090	2092	2096	rVB	126597	112260	4.07%	0.268%
90	14.457	2100	2103	2105	rBV2	121088	121972	4.42%	0.291%
91	14.480	2105	2107	2109	rBV	78164	71691	2.60%	0.171%
92	14.839	2165	2168	2173	rBV3	130477	196691	7.13%	0.469%
93	15.016	2193	2198	2201	rBV	926214	1409013	51.05%	3.362%
94	15.121	2213	2216	2220	rVB	201633	212427	7.70%	0.507%
95	15.315	2246	2249	2255	rVB	488241	605249	21.93%	1.444%
96	15.380	2256	2260	2266	rVV	751479	885679	32.09%	2.113%
97	15.445	2267	2271	2274	rVV	632955	806478	29.22%	1.924%
98	15.474	2274	2276	2284	rVB2	211383	315406	11.43%	0.753%
99	16.933	2519	2524	2533	rVB2	264201	530359	19.21%	1.265%
100	17.380	2595	2600	2612	rVB	189437	406633	14.73%	0.970%

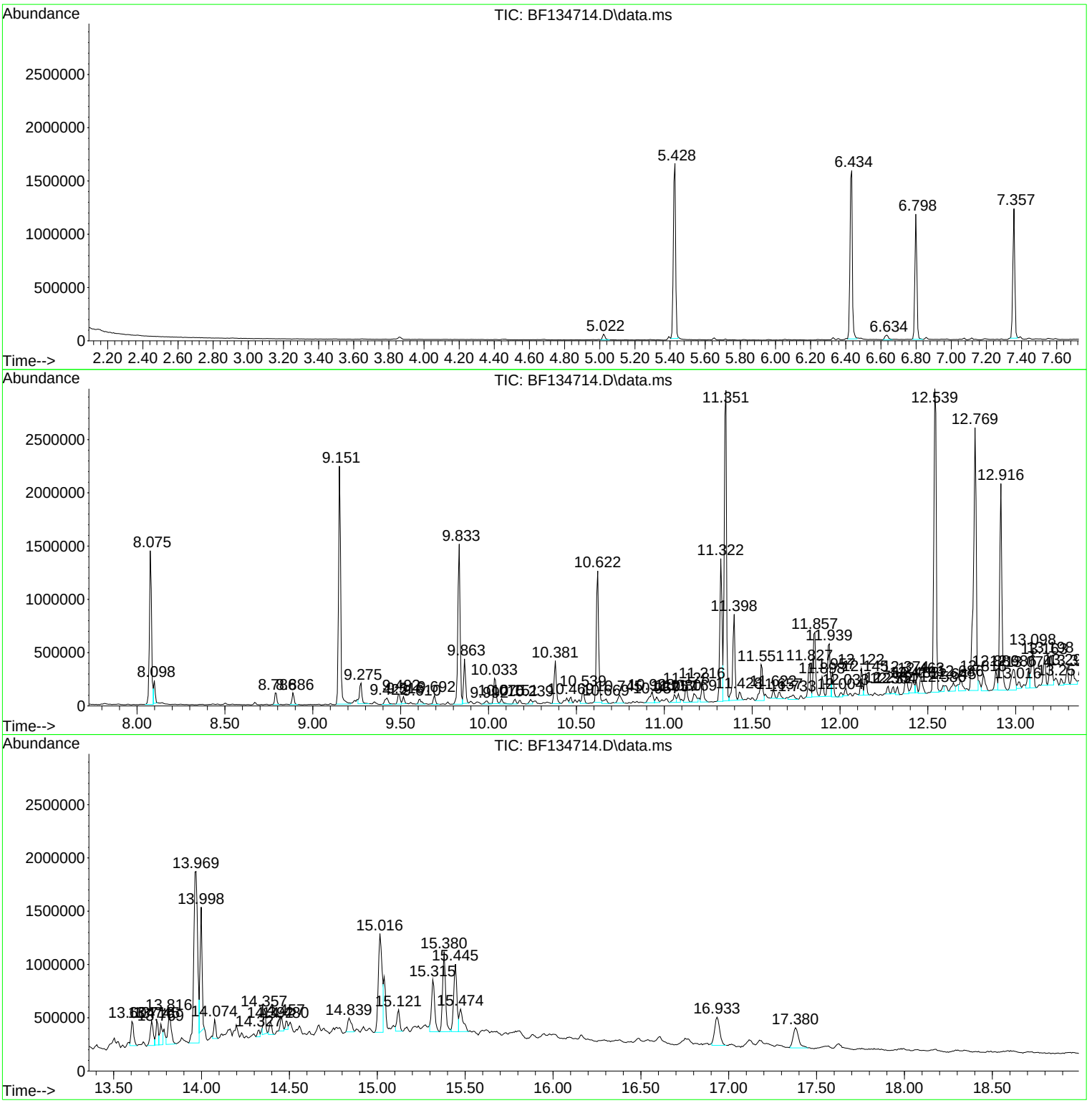
Sum of corrected areas: 41911912

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

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\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
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Instrument :
BNA_F
ClientSampleId :
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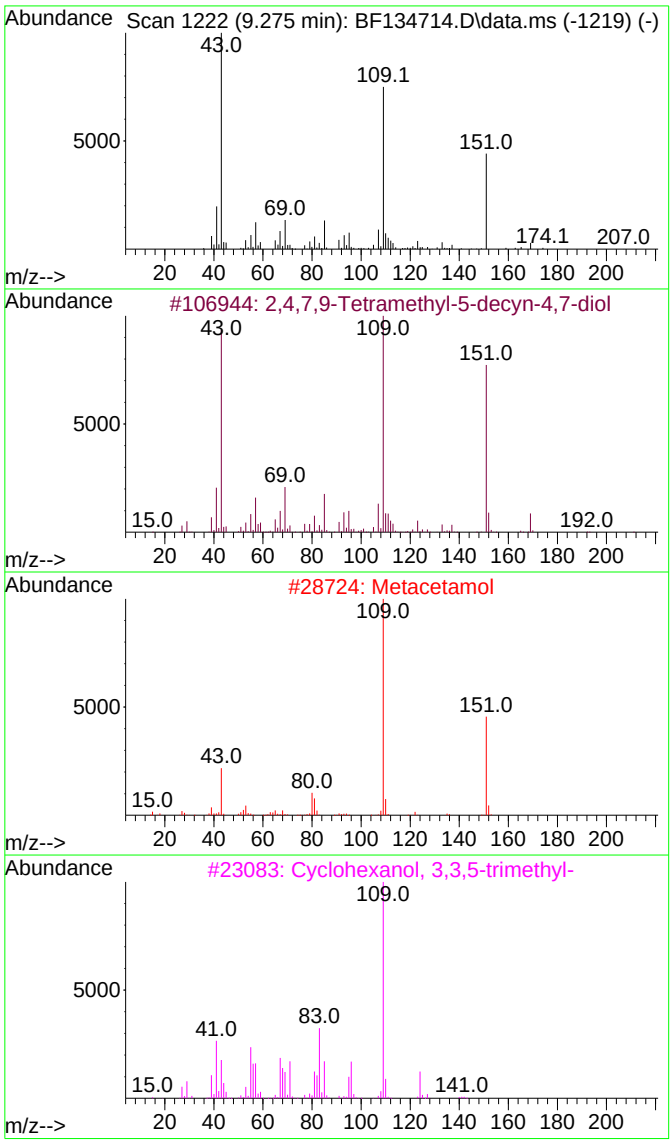
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

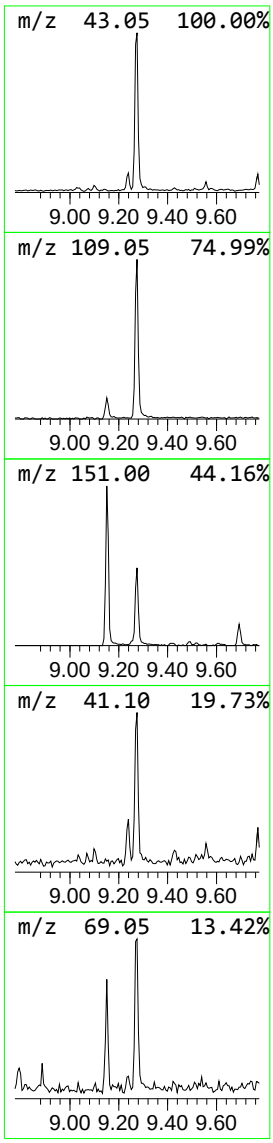
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	2.84 ng	185321	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	53
3	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	47
4	4-Amino-2-methylpyrimidine	109	C5H7N3	000074-69-1	43
5	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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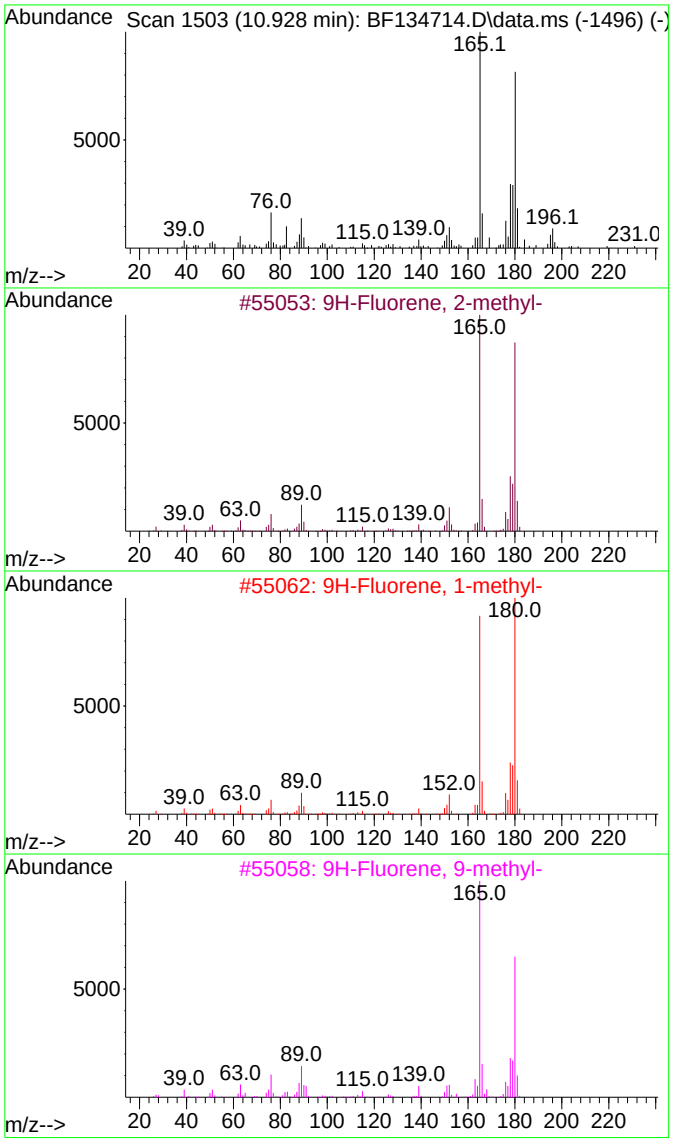
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

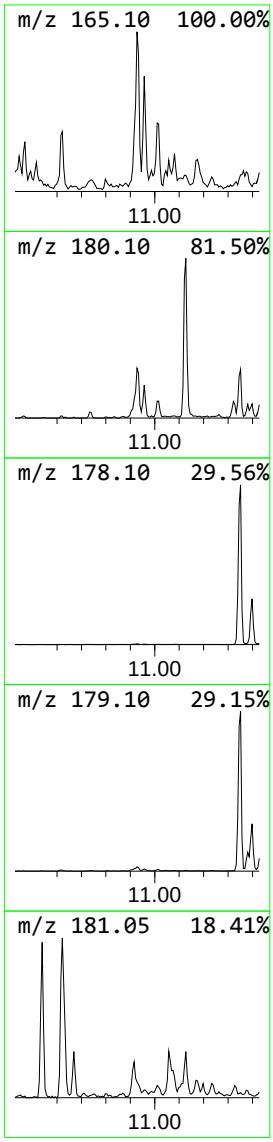
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	2.46 ng	149398	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

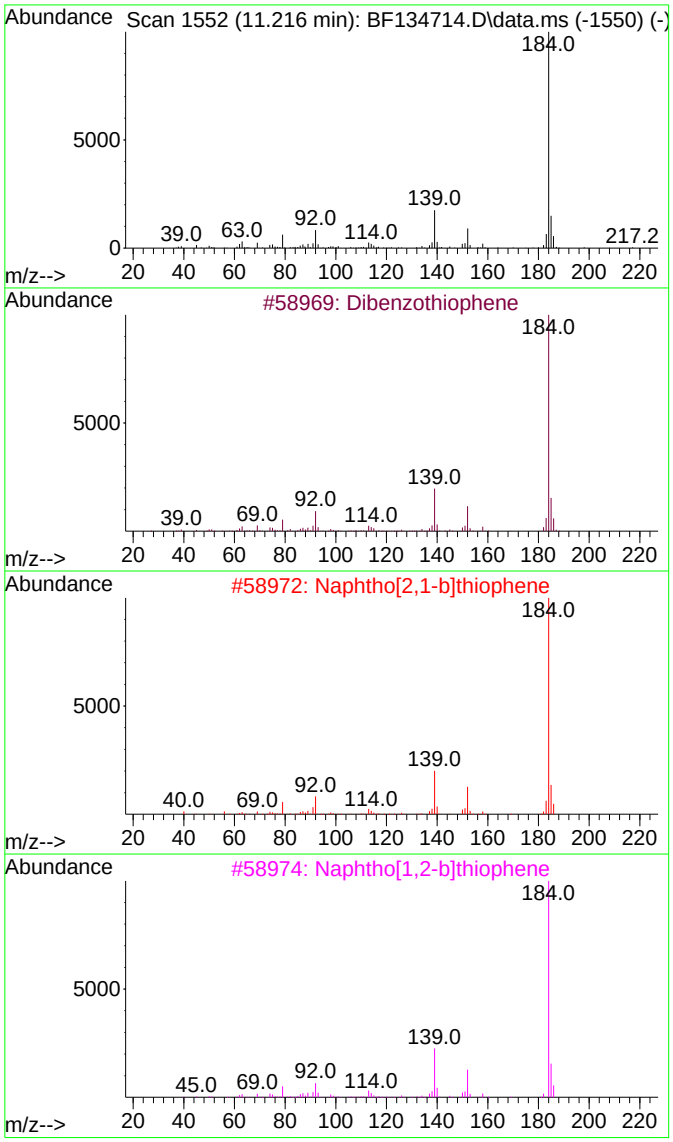
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

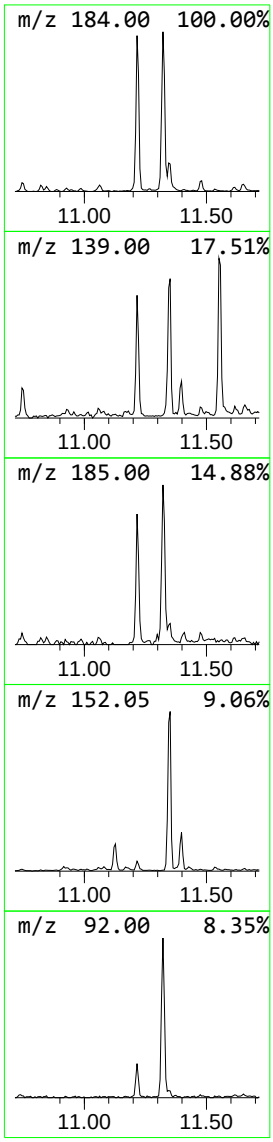
****

Peak Number 3 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	2.86 ng	173352	Phenanthrene-d10	11.322

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	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

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 4 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	4.76 ng	289135	Phenanthrene-d10	11.322

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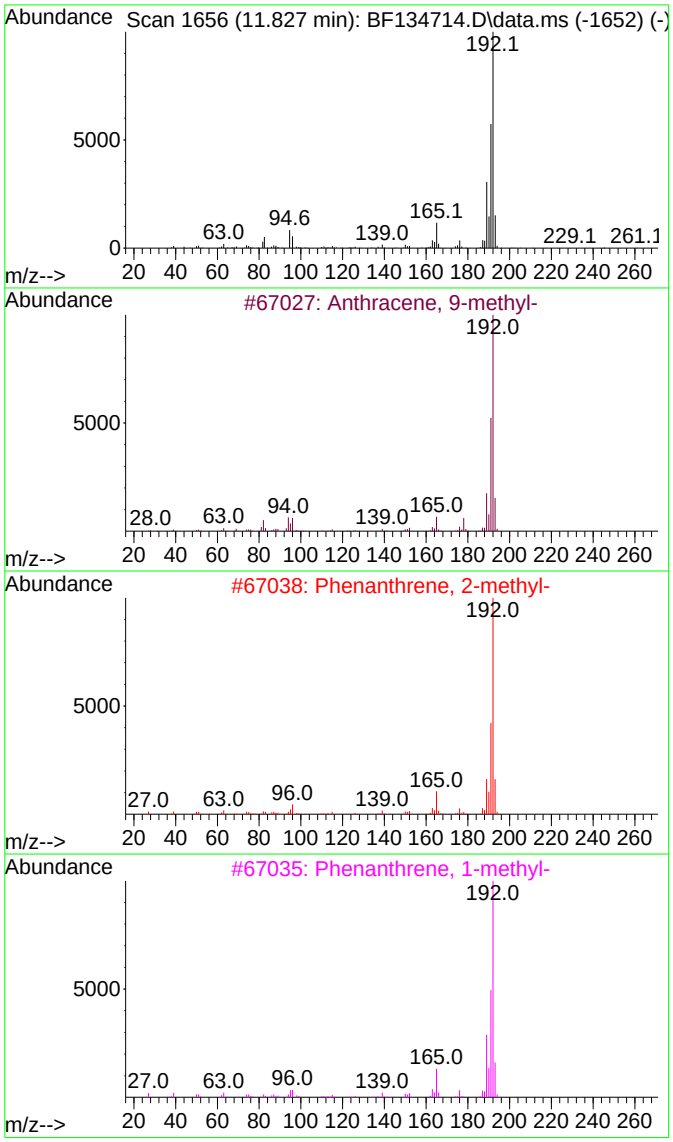
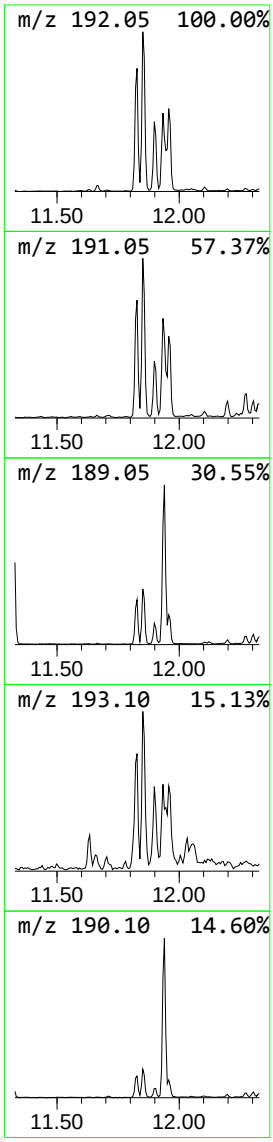




Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

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

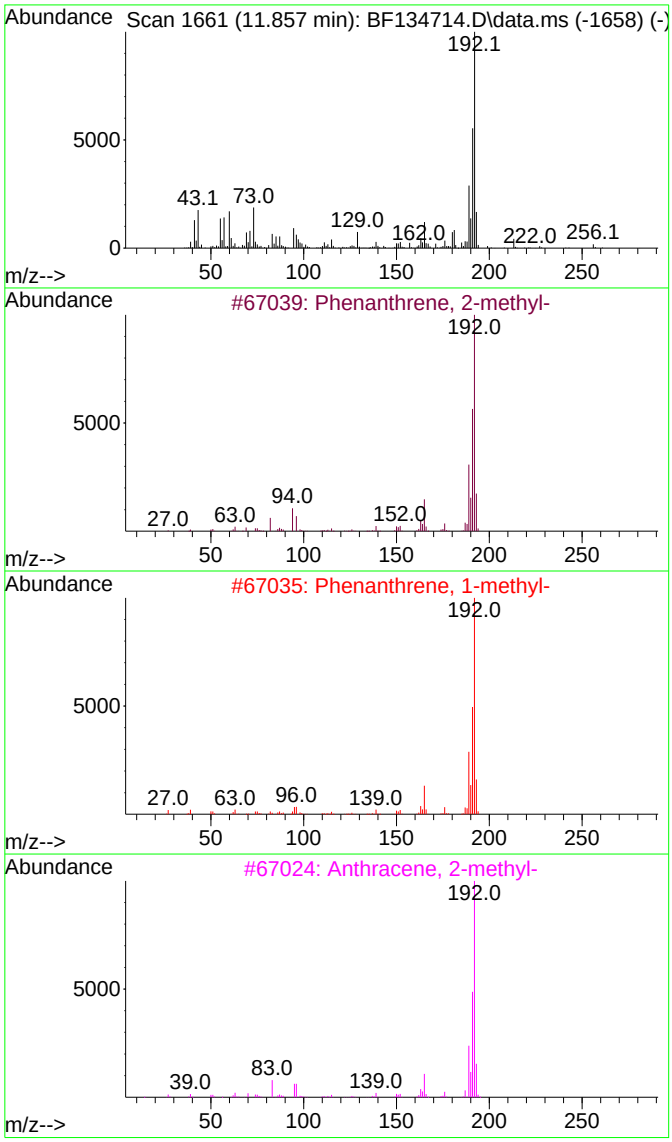
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

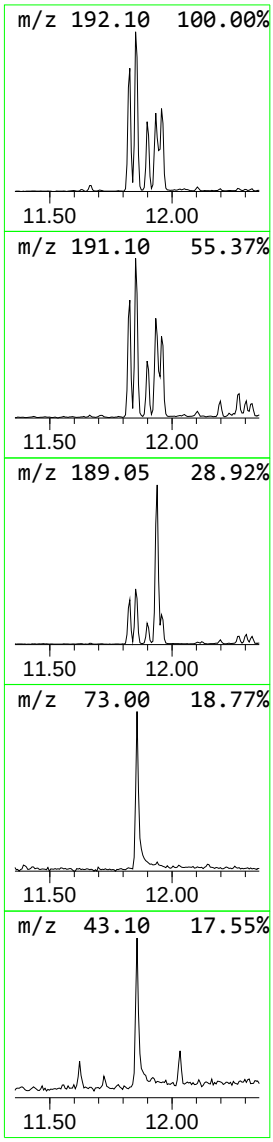
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	9.65 ng	585581	Phenanthrene-d10	11.322

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Sample : 03954-19 2X
Misc :
ALS Vial : 15 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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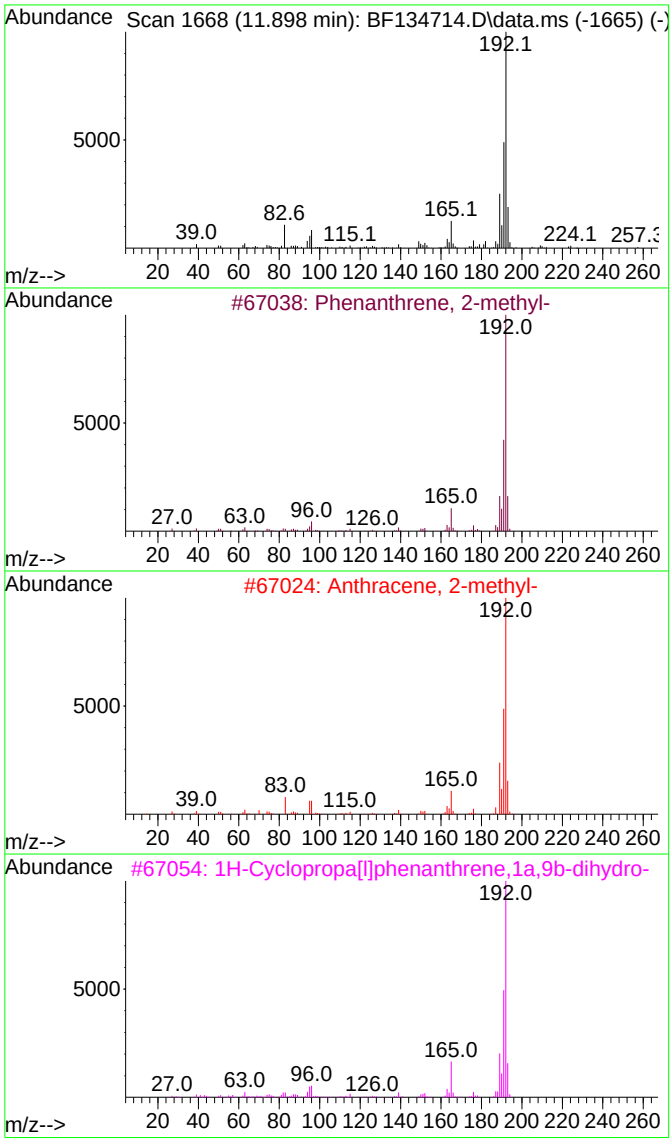
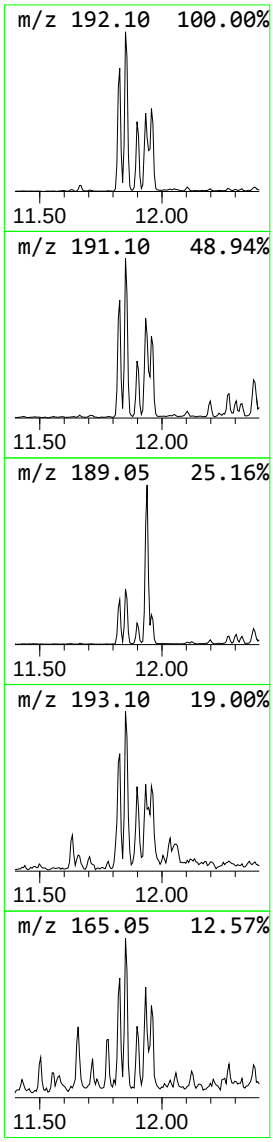
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.70 ng	163780	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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ALS Vial : 15 Sample Multiplier: 1

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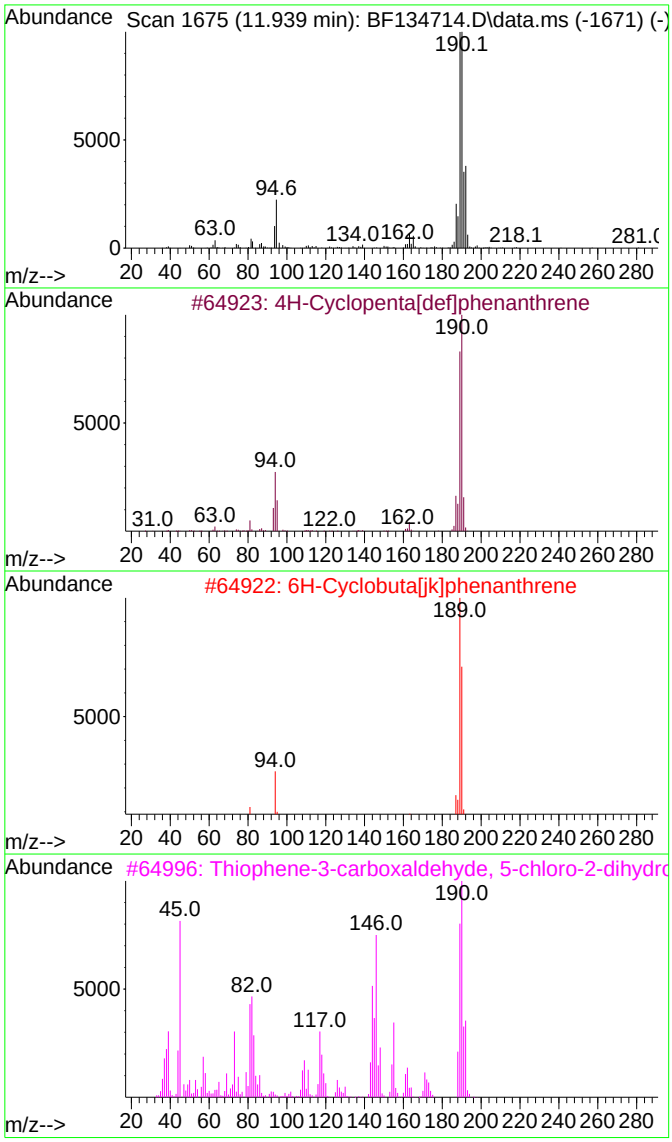
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

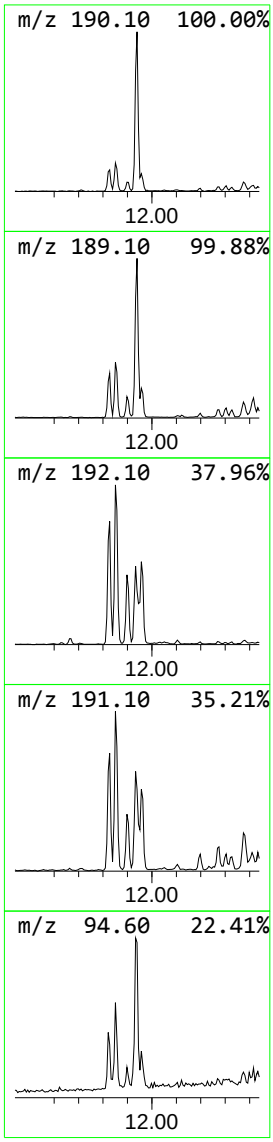
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	8.73 ng	529981	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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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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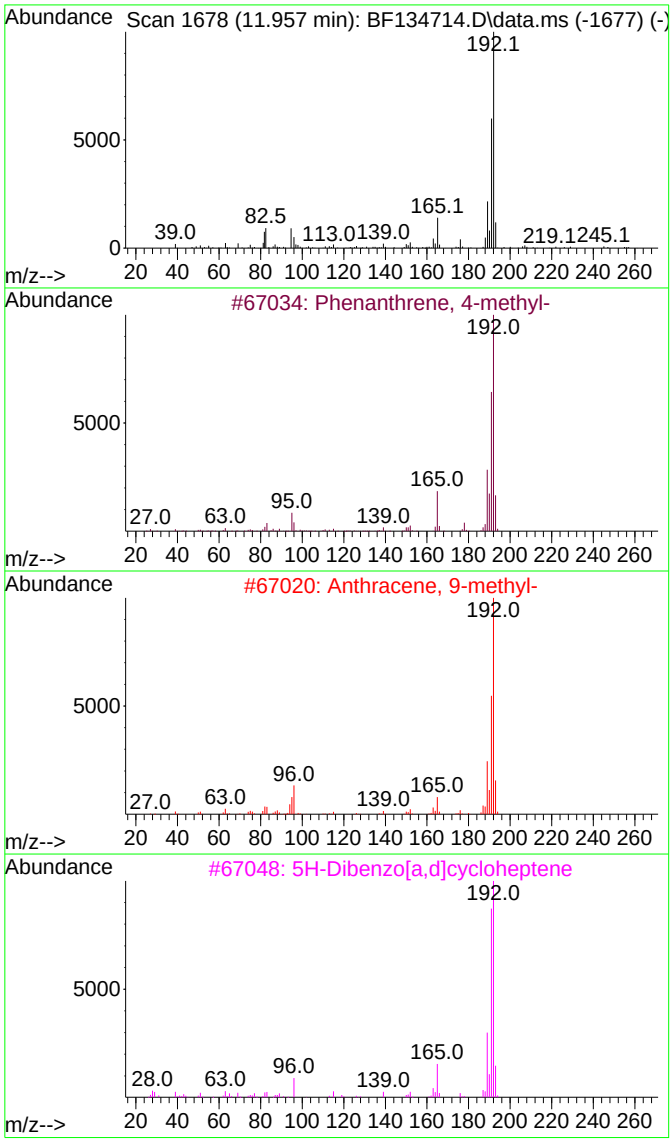
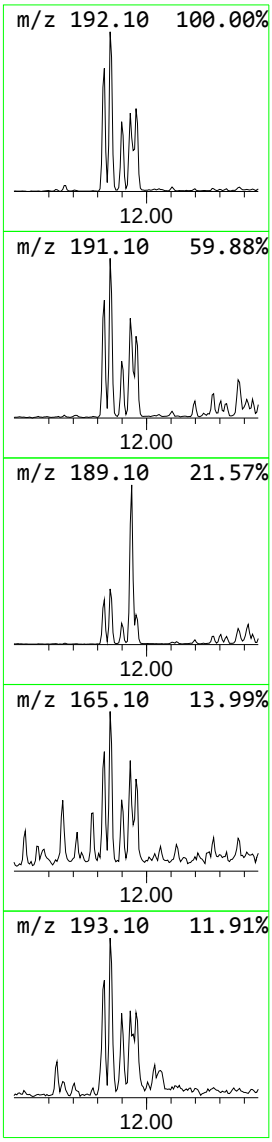
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	2.69 ng	163393	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





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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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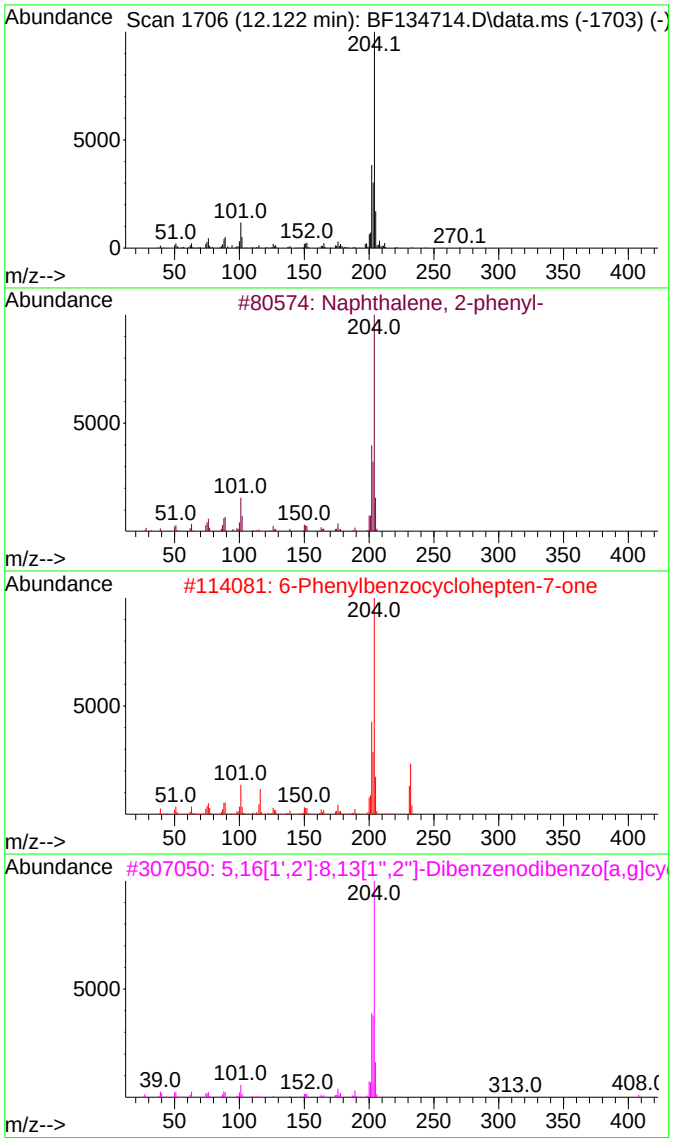
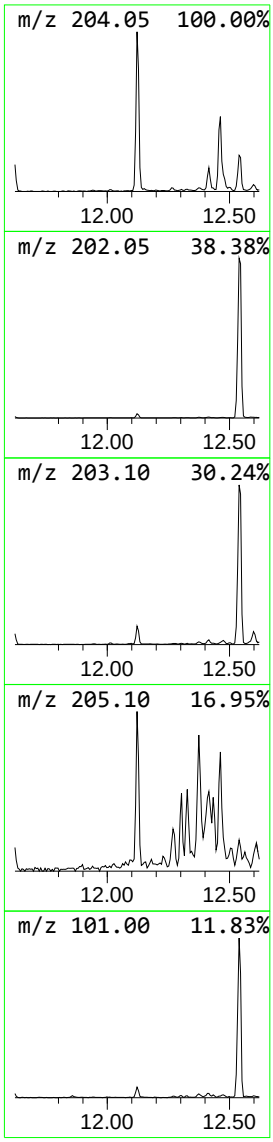
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	3.43 ng	208409	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70





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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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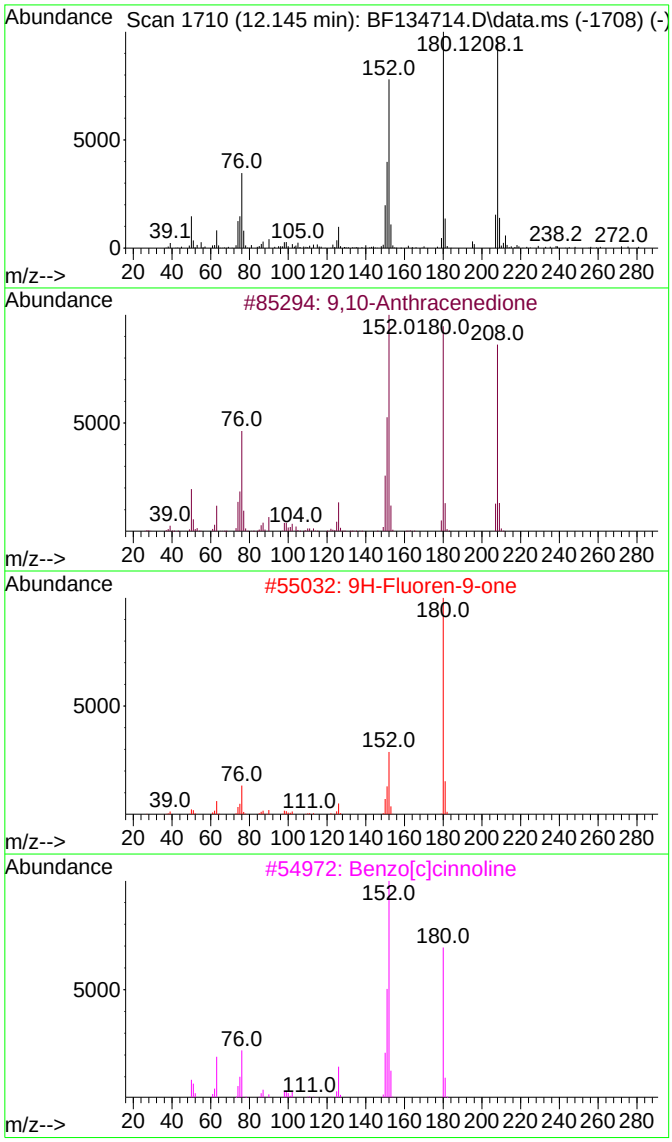
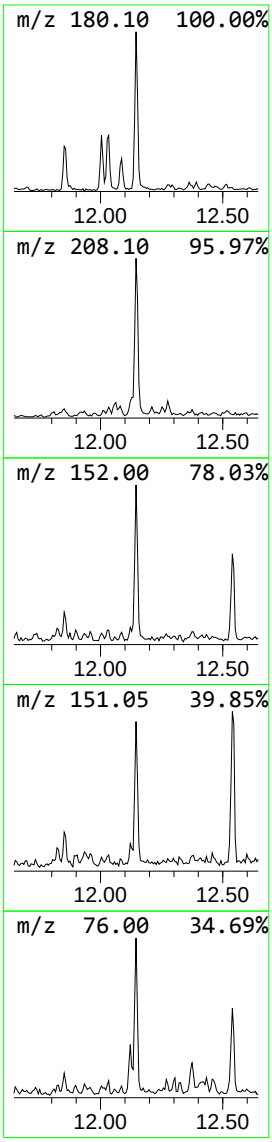
Peak Number 10 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	2.56 ng	155144	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53





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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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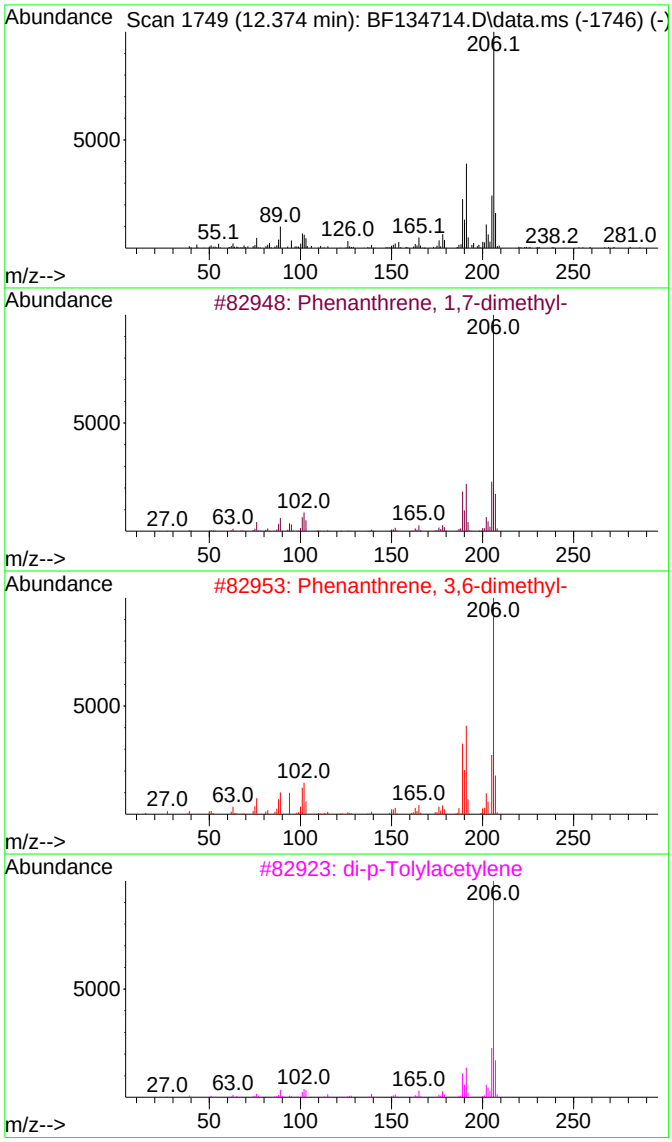
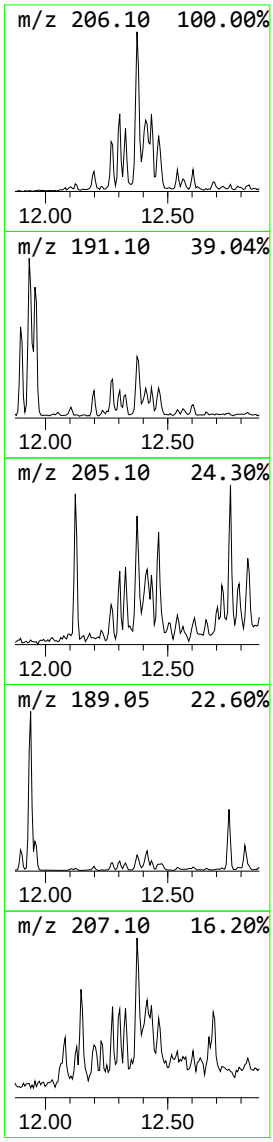
Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	2.98 ng	180625	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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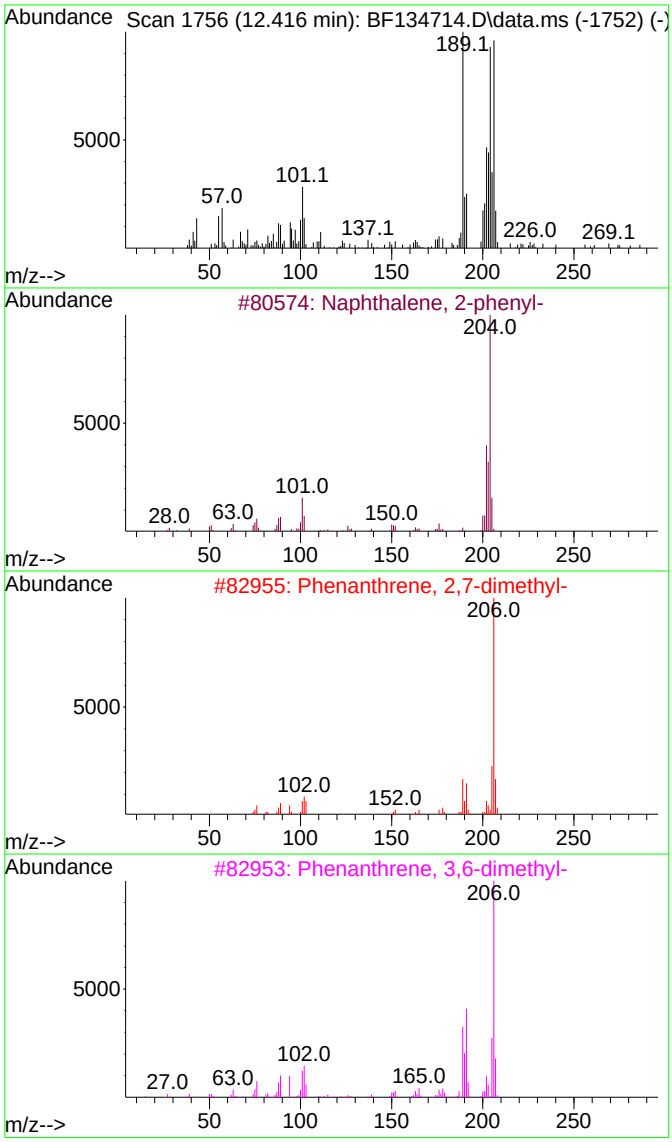
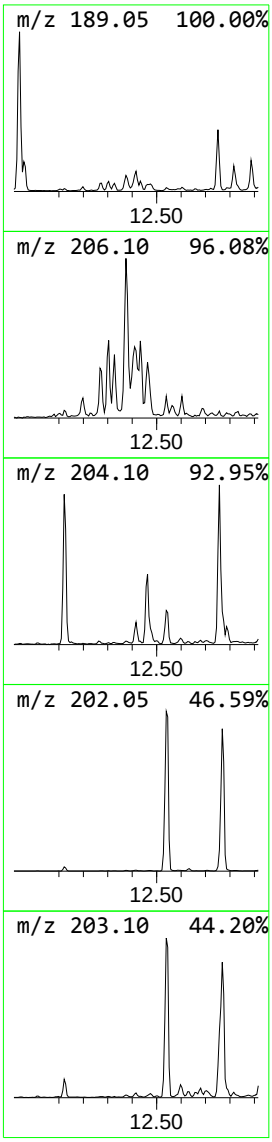
Peak Number 12 unknown12.416 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.51 ng	152345	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
4	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	30
5	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	27





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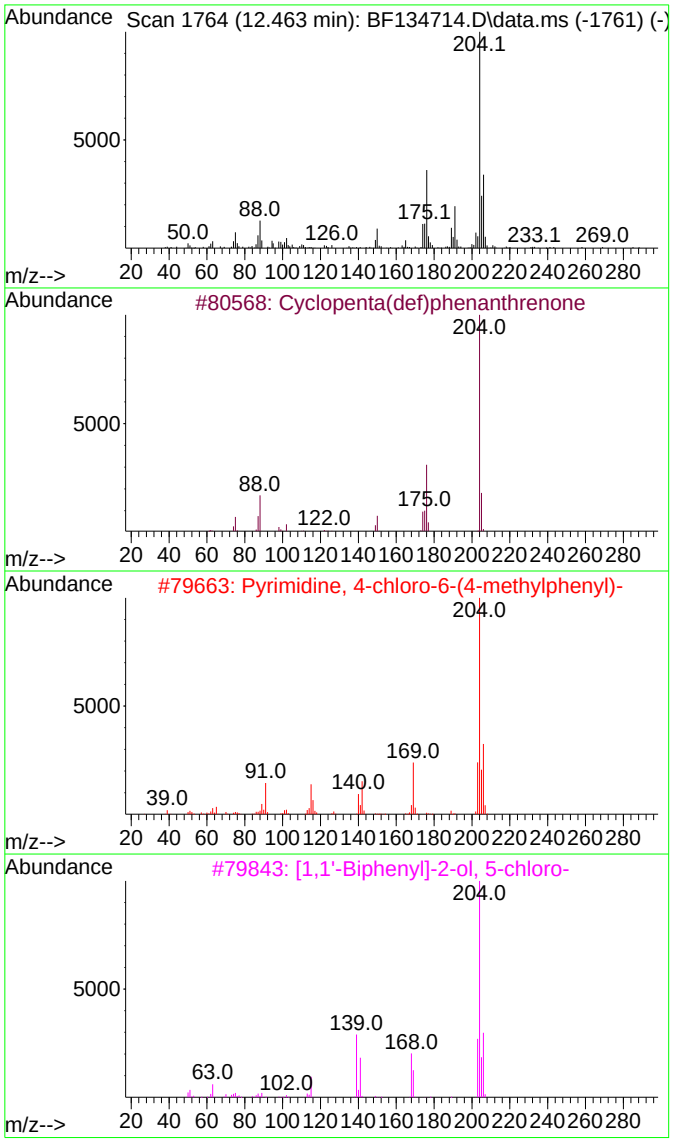
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

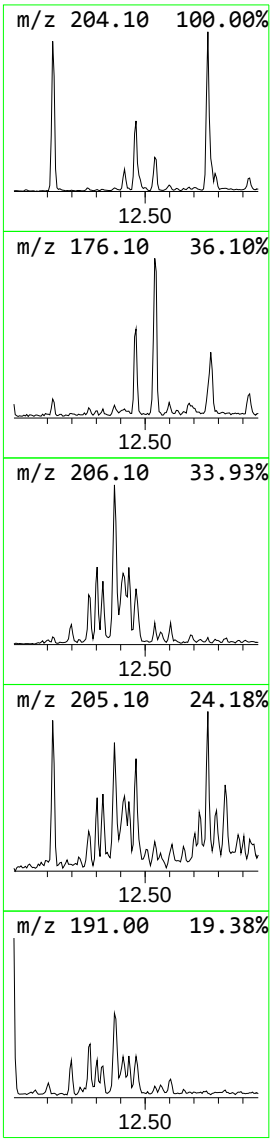
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	2.97 ng	180059	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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TIC Library : C:\Database\NIST20.L
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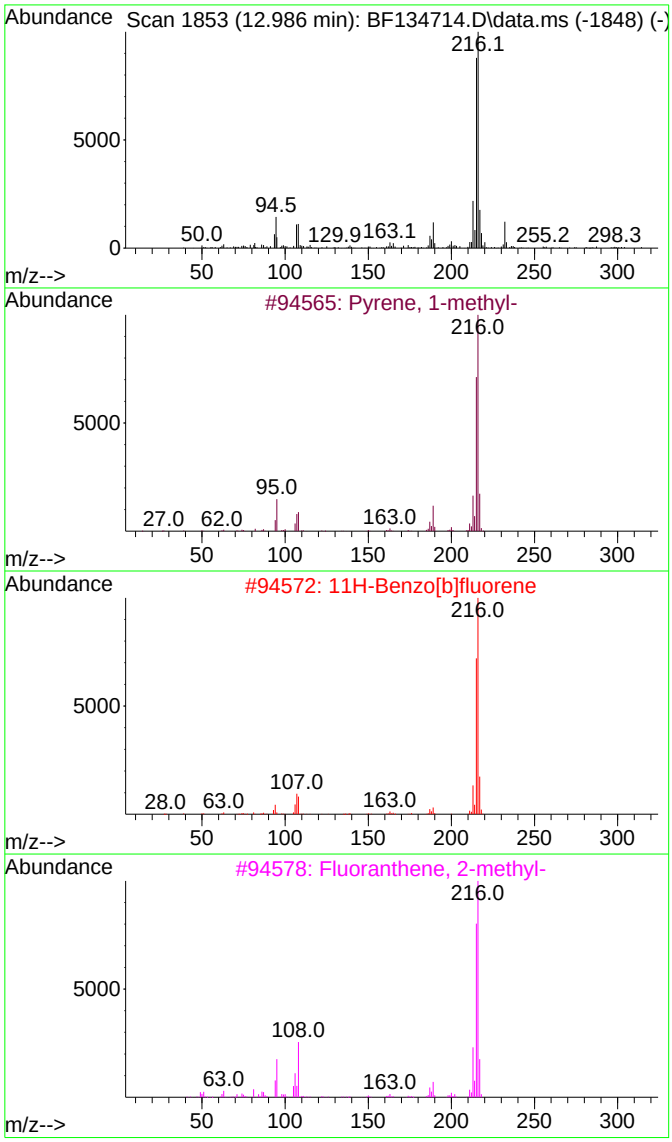
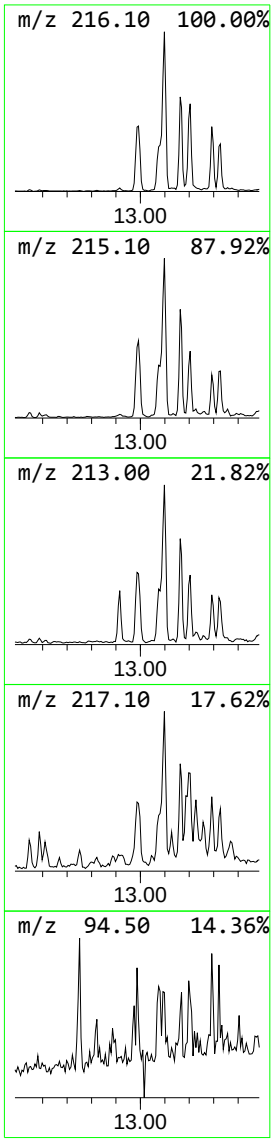
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	2.54 ng	318900	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	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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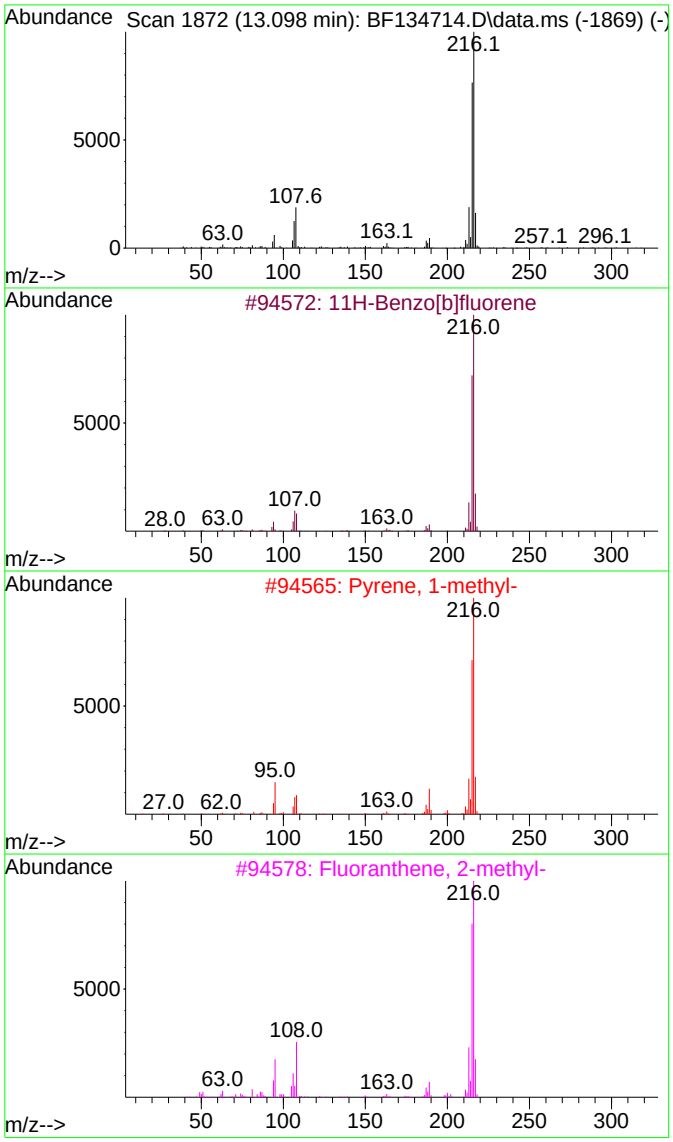
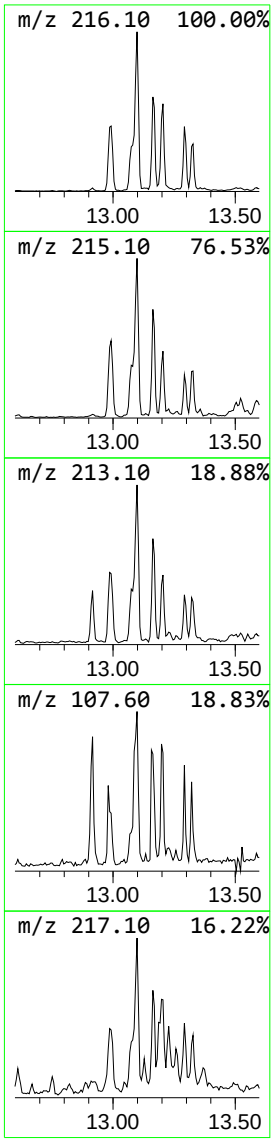
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.89 ng	363282	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74





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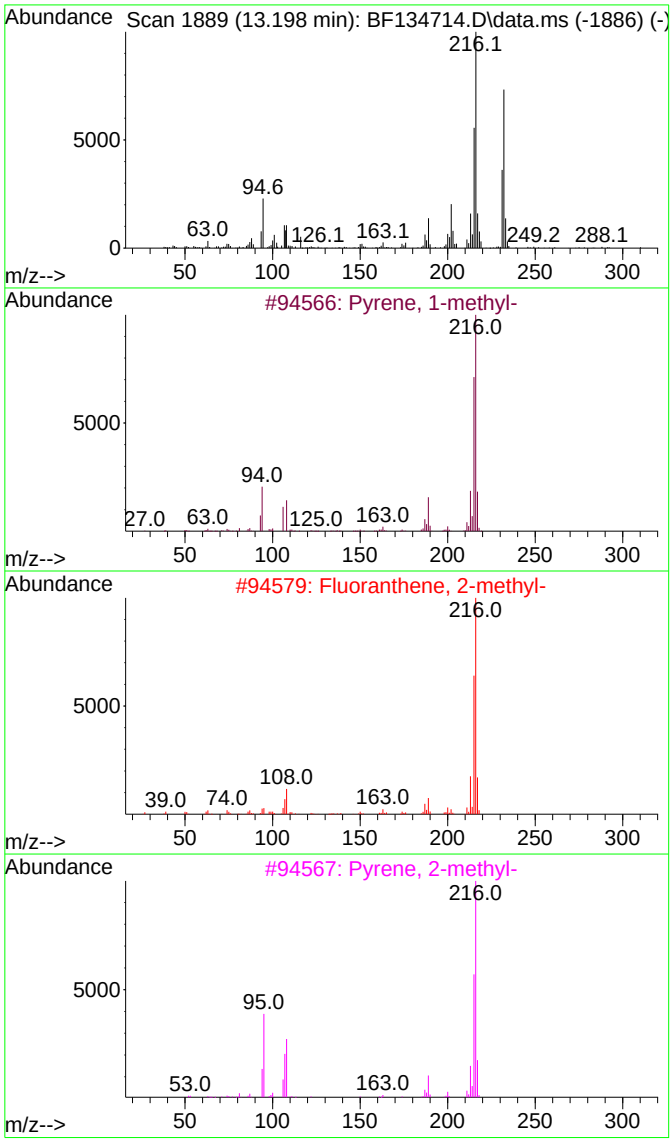
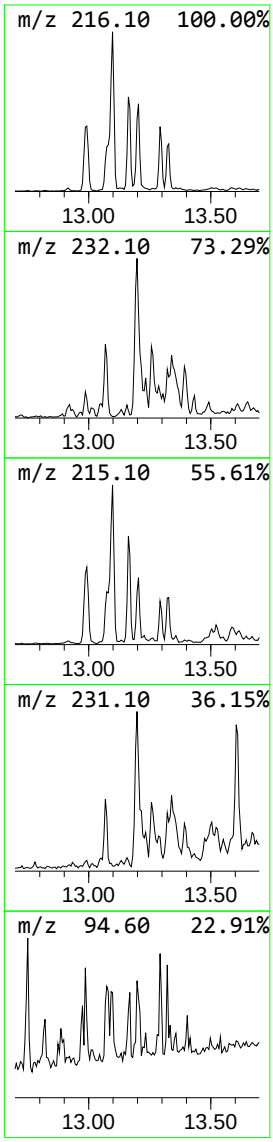
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	2.46 ng	309504	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
4	8,9,10,11-Tetrahydrobenz[a]anthr...	232	C18H16	067064-62-4	43
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	43





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ALS Vial : 15 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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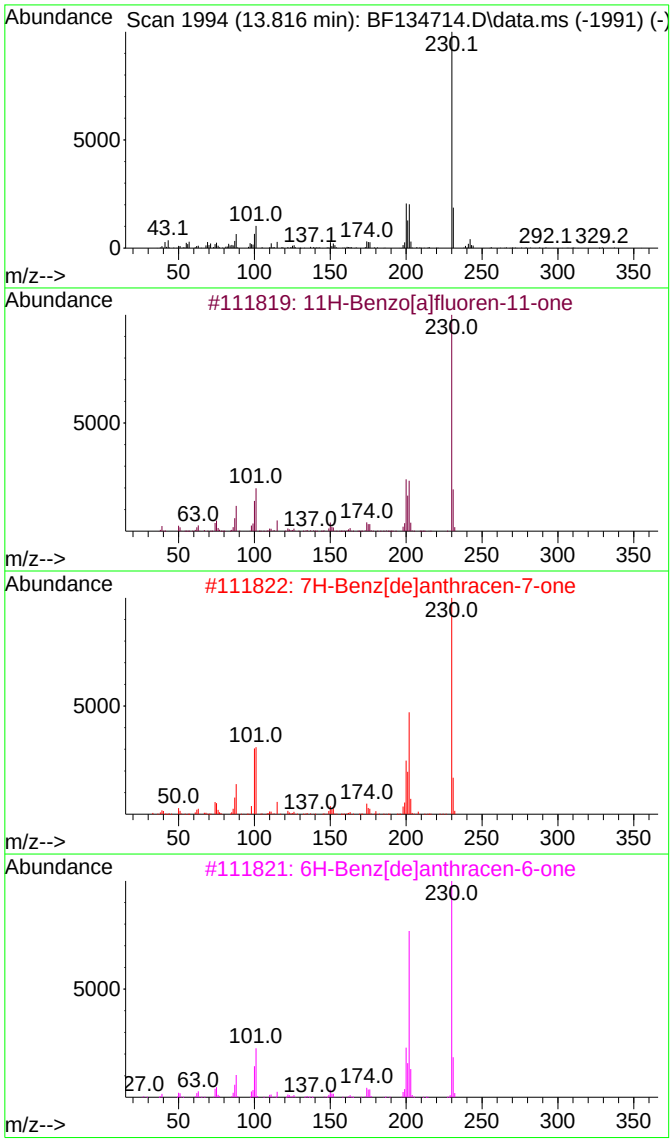
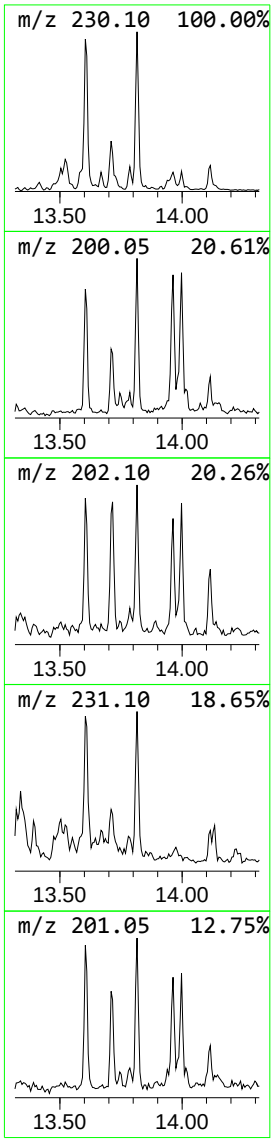
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	2.93 ng	368057	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
4	o-Terphenyl	230	C18H14	000084-15-1	58
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

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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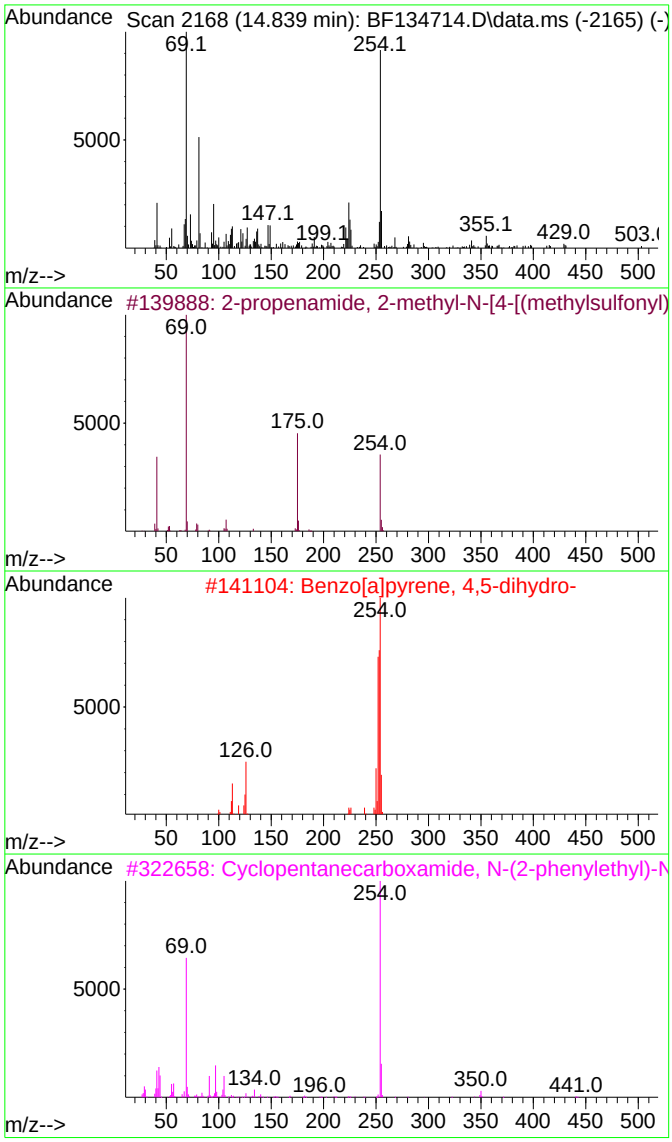
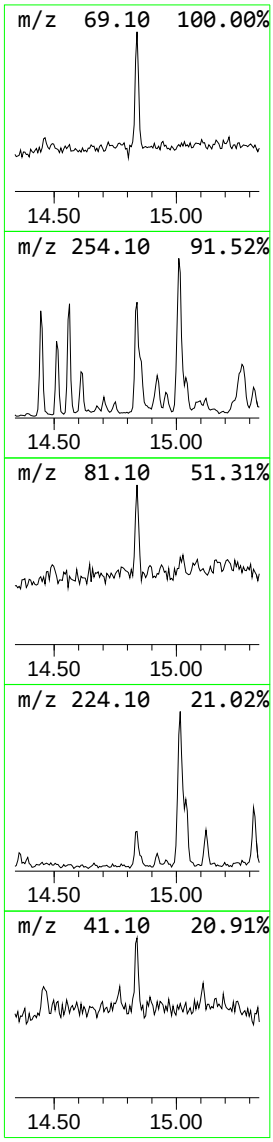
Peak Number 18 2-propenamide, 2-methyl-N-[... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	4.88 ng	196691	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-propenamide, 2-methyl-N-[4-[(m...	254	C11H14N2O3S	1000401-43-5	59
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	53
3	Cyclopentanecarboxamide, N-(2-ph...	441	C30H51NO	1000451-59-8	45
4	Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	35
5	4-Fluoromethcathinone, N-heptafl...	377	C14H11F8NO2	1000448-33-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

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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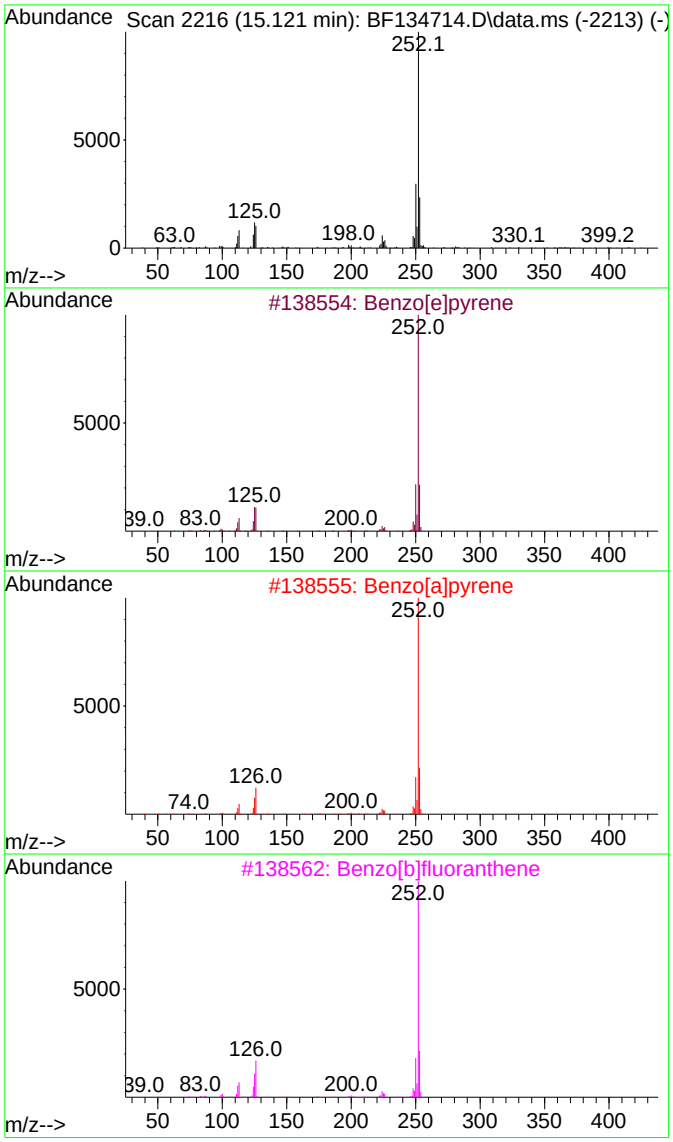
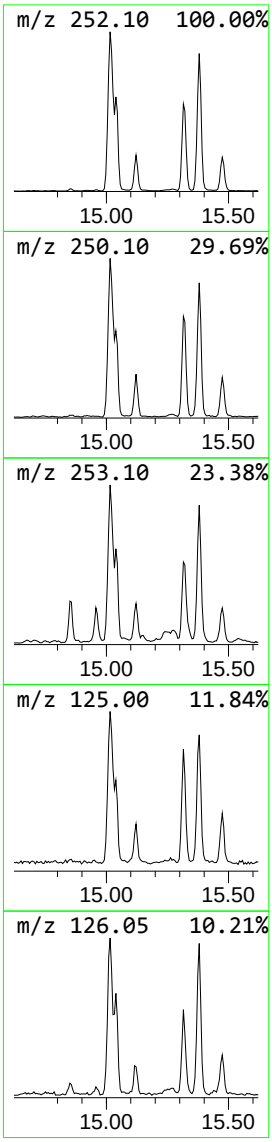
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	5.27 ng	212427	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

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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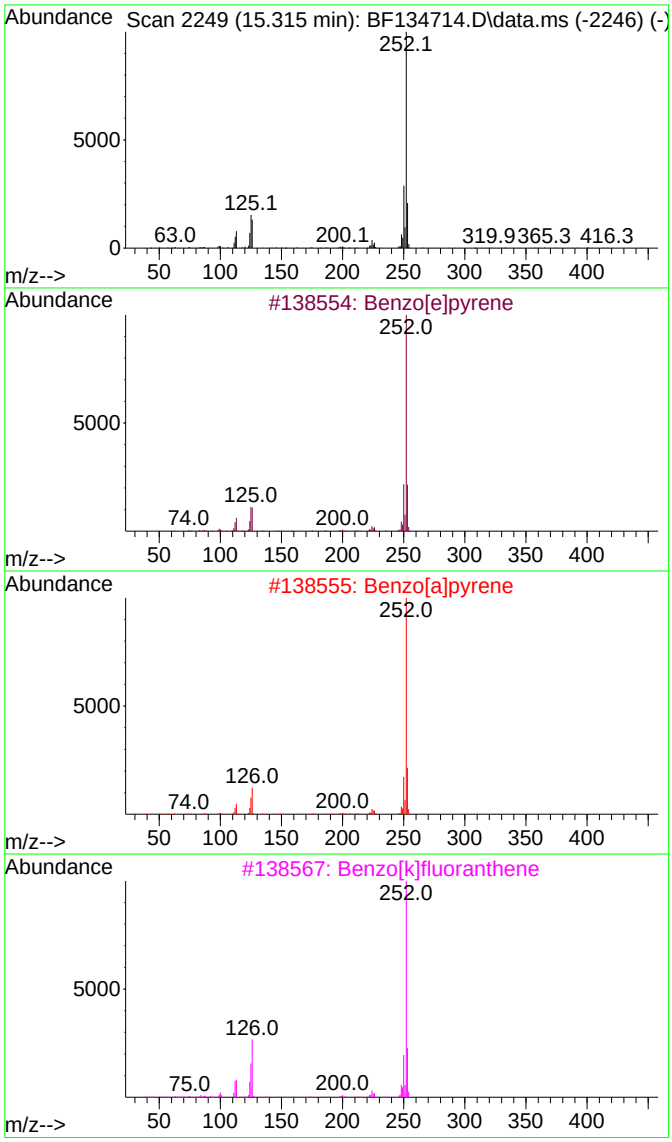
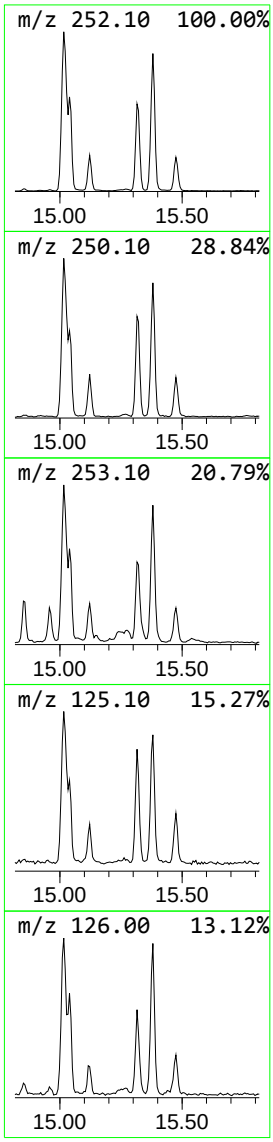
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	15.01 ng	605249	Perylene-d12	15.445

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	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134714.D
Acq On : 10 Aug 2023 17:55
Operator : CG\JU
Sample : 03954-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-21

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
2,4,7,9-Tetrame...	9.275	2.8	ng	185321	3	9.833	1306700	20.0
9H-Fluorene, 2-...	10.928	2.5	ng	149398	4	11.322	1213820	20.0
Dibenzothiophene	11.216	2.9	ng	173352	4	11.322	1213820	20.0
Anthracene, 9-m...	11.828	4.8	ng	289135	4	11.322	1213820	20.0
Phenanthrene, 2...	11.857	9.7	ng	585581	4	11.322	1213820	20.0
Anthracene, 2-m...	11.898	2.7	ng	163780	4	11.322	1213820	20.0
4H-Cyclopenta[d...	11.939	8.7	ng	529981	4	11.322	1213820	20.0
Phenanthrene, 4...	11.957	2.7	ng	163393	4	11.322	1213820	20.0
Naphthalene, 2-...	12.122	3.4	ng	208409	4	11.322	1213820	20.0
9,10-Anthracene...	12.145	2.6	ng	155144	4	11.322	1213820	20.0
Phenanthrene, 1...	12.374	3.0	ng	180625	4	11.322	1213820	20.0
unknown12.416	12.416	2.5	ng	152345	4	11.322	1213820	20.0
Cyclopenta(def)...	12.463	3.0	ng	180059	4	11.322	1213820	20.0
Pyrene, 1-methyl-	12.986	2.5	ng	318900	5	13.974	2512700	20.0
11H-Benzo[b]flu...	13.098	2.9	ng	363282	5	13.974	2512700	20.0
Fluoranthene, 2...	13.198	2.5	ng	309504	5	13.974	2512700	20.0
11H-Benzo[a]flu...	13.816	2.9	ng	368057	5	13.974	2512700	20.0
2-propenamide, ...	14.839	4.9	ng	196691	6	15.445	806478	20.0
Benzo[e]pyrene	15.121	5.3	ng	212427	6	15.445	806478	20.0
Perylene	15.316	15.0	ng	605249	6	15.445	806478	20.0