LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135874.D
Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135874.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	486	489	500	rBV	66018	94004	4.84%	0.347%
2	5.381	556	560	582	rBV	1127248	1325375	68.29%	4.895%
3	6.392	729	732	758	rBV	1112289	1327900	68.42%	4.904%
4	6.740	788	791	802	rBV	522388	442633	22.81%	1.635%
5	7.304	884	887	907	rBV	808233	808694	41.67%	2.987%
6	8.016	1005	1008	1011	rBV	613176	505009	26.02%	1.865%
7	8.734	1127	1130	1138	rBV	47327	46515	2.40%	0.172%
8	8.834	1144	1147	1151	rVB	58988	49810	2.57%	0.184%
9	9.092	1188	1191	1195	rBV	1431878	1246622	64.23%	4.604%
10	9.363	1233	1237	1241	rBV2	45902	63622	3.28%	0.235%
11	9.433	1246	1249	1252	rBV	102670	99491	5.13%	0.367%
12	9.463	1252	1254	1258	rVB	57554	49954	2.57%	0.184%
13	9.551	1266	1269	1278	rVB	56706	68167	3.51%	0.252%
14	9.639	1280	1284	1287	rBV2	94470	84367	4.35%	0.312%
15	9.775	1298	1307	1310	rBV	656793	550882	28.38%	2.034%
16	9.810	1310	1313	1317	rVV	161688	149157	7.69%	0.551%
17	9.980	1336	1342	1346	rVV2	102145	120519	6.21%	0.445%
18	10.022	1346	1349	1353	rVB	71955	60038	3.09%	0.222%
19	10.092	1358	1361	1364	rVV	60902	62194	3.20%	0.230%
20	10.128	1364	1367	1372	rVV	40731	44215	2.28%	0.163%
21	10.186	1372	1377	1378	rVV2	36566	49024	2.53%	0.181%
22	10.204	1378	1380	1383	rVB	52725	39534	2.04%	0.146%
23	10.328	1398	1401	1407	rVB	237945	222549	11.47%	0.822%
24	10.486	1422	1428	1431	rVB2	65912	73106	3.77%	0.270%
25	10.575	1439	1443	1449	rBV2	658204	626895	32.30%	2.315%
26	10.692	1457	1463	1465	rBV2	49448	66723	3.44%	0.246%
27	10.880	1490	1495	1498	rBV2	83480	97032	5.00%	0.358%
28	10.910	1498	1500	1502	rVB	50688	40321	2.08%	0.149%
29	10.963	1506	1509	1512	rVB	44336	38489	1.98%	0.142%
30	11.010	1512	1517	1519	rBV2	42852	59961	3.09%	0.221%
31	11.086	1526	1530	1533	rBV2	48345	52410	2.70%	0.194%
32	11.127	1533	1537	1540	rVV2	40219	59243	3.05%	0.219%
33	11.169	1540	1544	1549	rVB	90367	96777	4.99%	0.357%
34	11.275	1558	1562	1564	rBV	598042	527925	27.20%	1.950%
35	11.298	1564	1566	1570	rVV	1452319	1184634	61.04%	4.375%
36	11.351	1572	1575	1578	rVV	380883	289204	14.90%	1.068%

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Misc :
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Instrument :
BNA_F
ClientSampleId :
WC-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.516	1598	1603	1608	rBV2	90558	139746	7.20%	0.516%
38	11.563	1608	1611	1614	rVV3	56245	61079	3.15%	0.226%
39	11.604	1614	1618	1625	rVB3	47291	75205	3.87%	0.278%
40	11.780	1644	1648	1650	rVV	295512	263021	13.55%	0.971%
41	11.810	1650	1653	1658	rVV	502201	468366	24.13%	1.730%
42	11.857	1658	1661	1664	rVV	141127	121466	6.26%	0.449%
43	11.892	1664	1667	1669	rVV	454163	449298	23.15%	1.659%
44	11.916	1669	1671	1677	rVB	225112	190916	9.84%	0.705%
45	11.969	1677	1680	1683	rBV3	32520	41302	2.13%	0.153%
46	12.074	1695	1698	1702	rVV	178154	166115	8.56%	0.613%
47	12.122	1702	1706	1708	rVB2	85557	83016	4.28%	0.307%
48	12.227	1718	1724	1726	rBV2	68615	91294	4.70%	0.337%
49	12.257	1726	1729	1732	rVV	107266	97099	5.00%	0.359%
50	12.286	1732	1734	1737	rVB	64986	53284	2.75%	0.197%
51	12.333	1738	1742	1745	rBV	239757	246422	12.70%	0.910%
52	12.369	1745	1748	1750	rVV2	124710	154765	7.97%	0.572%
53	12.392	1750	1752	1754	rVV	74481	59307	3.06%	0.219%
54	12.433	1754	1759	1762	rVV2	134831	172766	8.90%	0.638%
55	12.504	1766	1771	1774	rBV	1975662	1882591	97.00%	6.952%
56	12.539	1774	1777	1779	rVV	87746	105647	5.44%	0.390%
57	12.563	1779	1781	1785	rVV2	74174	71578	3.69%	0.264%
58	12.598	1785	1787	1793	rVV2	87780	97143	5.01%	0.359%
59	12.651	1793	1796	1799	rVV	124046	111075	5.72%	0.410%
60	12.733	1804	1810	1815	rVB	1762908	1940862	100.00%	7.168%
61	12.780	1815	1818	1822	rVB2	133645	145327	7.49%	0.537%
62	12.869	1825	1833	1836	rBV	1108112	1113086	57.35%	4.111%
63	12.898	1836	1838	1842	rVB	84914	75628	3.90%	0.279%
64	12.951	1842	1847	1852	rBV2	159789	287824	14.83%	1.063%
65	13.004	1852	1856	1858	rVB2	40070	43692	2.25%	0.161%
66	13.039	1858	1862	1863	rBV3	126595	151408	7.80%	0.559%
67	13.063	1863	1866	1869	rVB	361230	345007	17.78%	1.274%
68	13.104	1869	1873	1874	rBV3	40482	42629	2.20%	0.157%
69	13.127	1874	1877	1880	rBV	249412	189252	9.75%	0.699%
70	13.169	1880	1884	1888	rBV2	241534	271407	13.98%	1.002%
71	13.257	1896	1899	1902	rBV	152090	143737	7.41%	0.531%
72	13.292	1902	1905	1908	rBV	164316	155222	8.00%	0.573%
73	13.357	1913	1916	1919	rBV2	206677	156475	8.06%	0.578%
74	13.468	1932	1935	1937	rVV2	49764	46953	2.42%	0.173%
75	13.551	1946	1949	1951	rBV2	44865	53007	2.73%	0.196%
76	13.586	1952	1955	1958	rVB	164580	139073	7.17%	0.514%

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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.633	1961	1963	1967	rBV2	39124	38866	2.00%	0.144%
78	13.692	1967	1973	1975	rBV2	183922	253437	13.06%	0.936%
79	13.710	1975	1976	1979	rVB	151227	92147	4.75%	0.340%
80	13.739	1979	1981	1983	rBV	103720	91671	4.72%	0.339%
81	13.798	1988	1991	1997	rVB2	148111	176763	9.11%	0.653%
82	13.933	2008	2014	2018	rBV2	948498	1435167	73.94%	5.300%
83	13.968	2018	2020	2024	rVV	758182	702008	36.17%	2.593%
84	14.027	2027	2030	2031	rBV3	49739	42656	2.20%	0.158%
85	14.045	2031	2033	2037	rVB	123461	114607	5.90%	0.423%
86	14.104	2040	2043	2048	rVV2	71455	90753	4.68%	0.335%
87	14.298	2073	2076	2077	rBV2	55254	51049	2.63%	0.189%
88	14.333	2077	2082	2085	rVV	193628	217764	11.22%	0.804%
89	14.368	2085	2088	2090	rVB	95153	77454	3.99%	0.286%
90	14.410	2091	2095	2097	rBV4	56811	81807	4.21%	0.302%
91	14.433	2097	2099	2101	rVB2	53073	40649	2.09%	0.150%
92	14.463	2101	2104	2105	rBV2	95656	79383	4.09%	0.293%
93	14.992	2190	2194	2197	rBV	423189	614379	31.65%	2.269%
94	15.104	2210	2213	2217	rVB	85442	98794	5.09%	0.365%
95	15.298	2242	2246	2250	rVB	242660	273681	14.10%	1.011%
96	15.362	2253	2257	2264	rBV	343803	436516	22.49%	1.612%
97	15.421	2264	2267	2270	rVV	217616	268303	13.82%	0.991%
98	15.457	2270	2273	2279	rVB2	96628	137117	7.06%	0.506%
99	16.933	2519	2524	2532	rVB2	122836	261046	13.45%	0.964%
100	17.398	2598	2603	2611	rVB	81564	175877	9.06%	0.650%

Sum of corrected areas: 27077979

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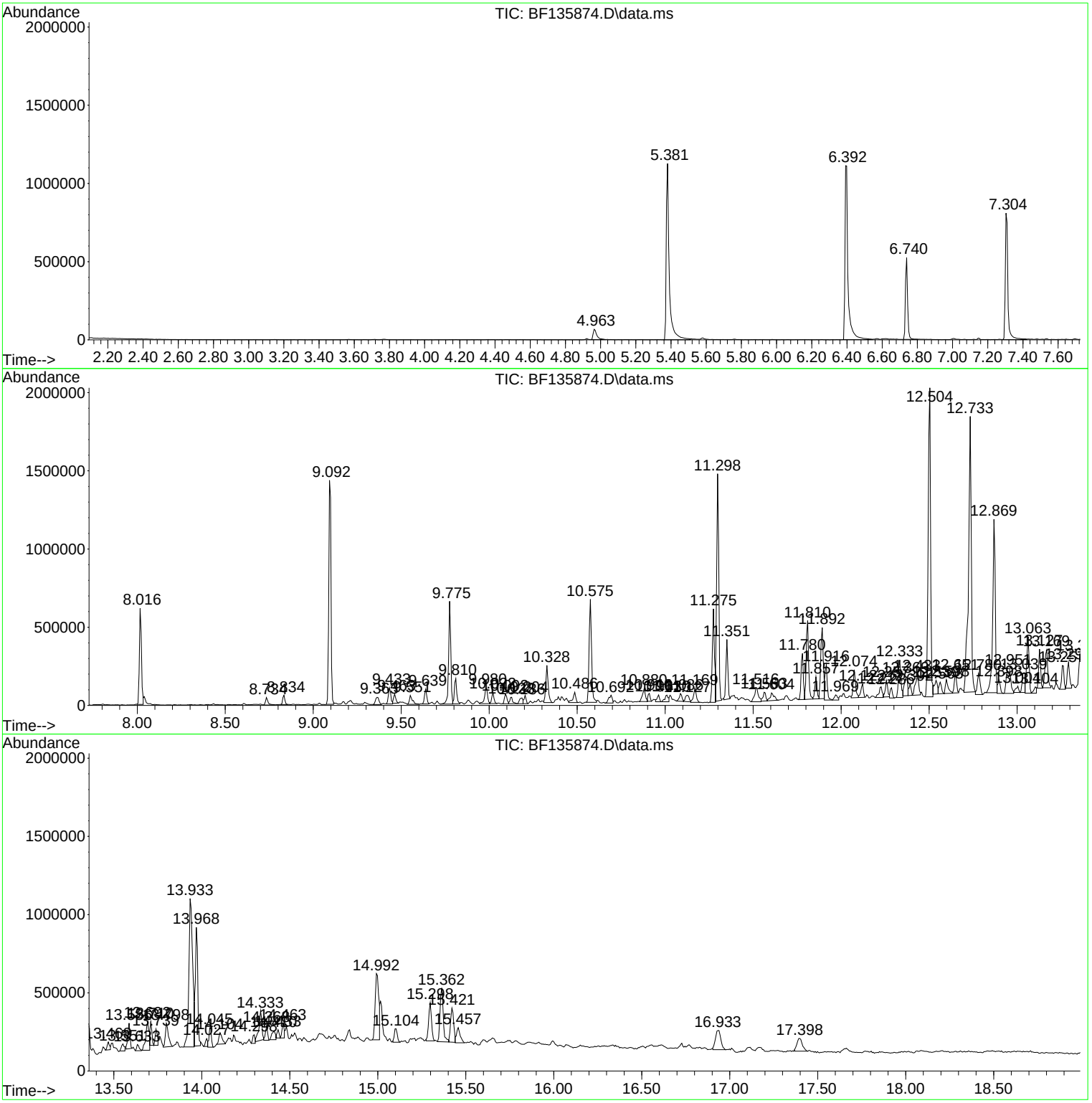
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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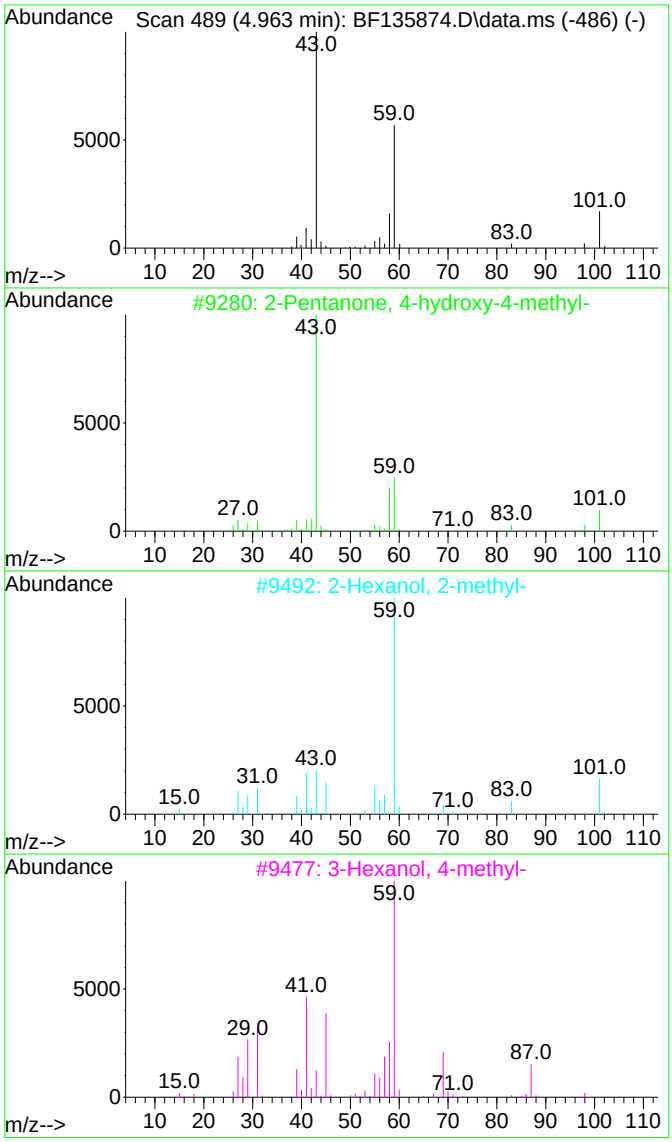
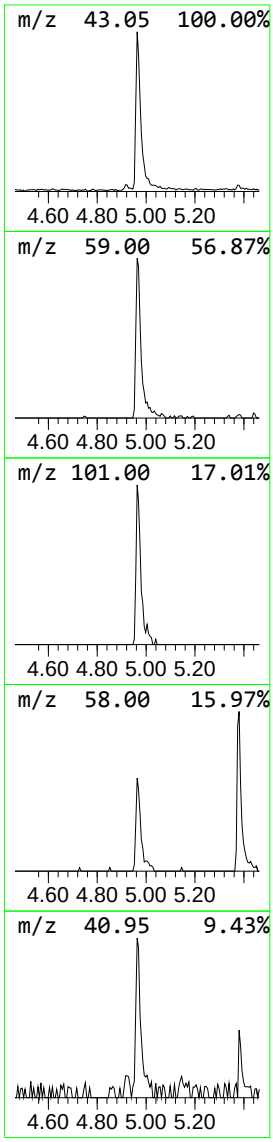
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	4.25 ng	94004	1,4-Dichlorobenzene-d4	6.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

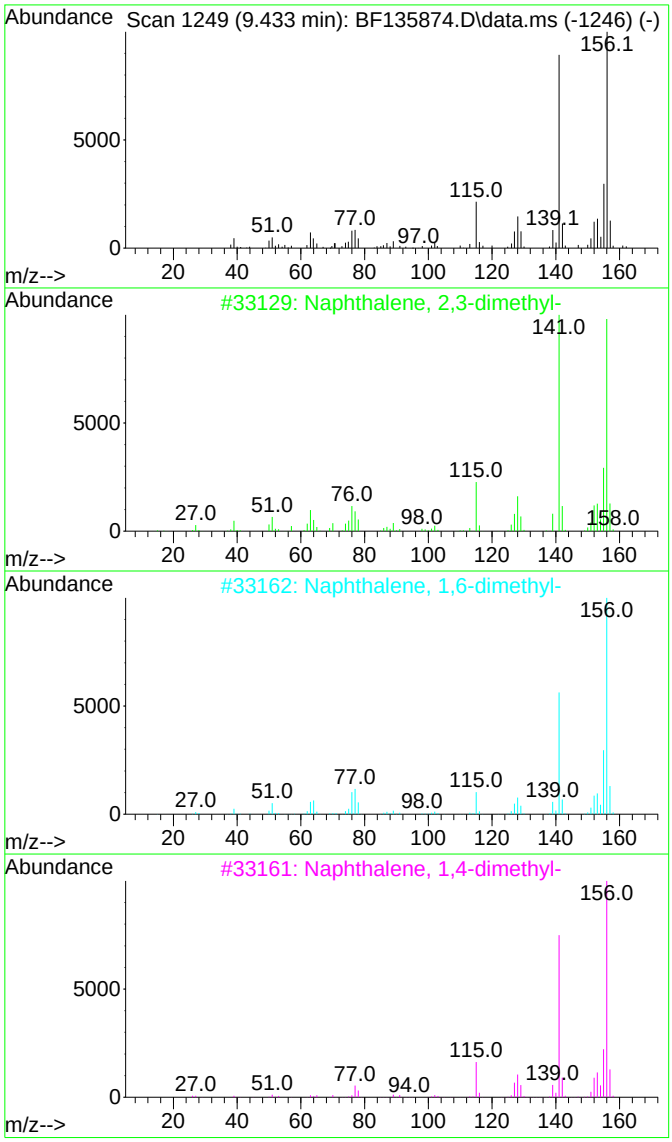
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

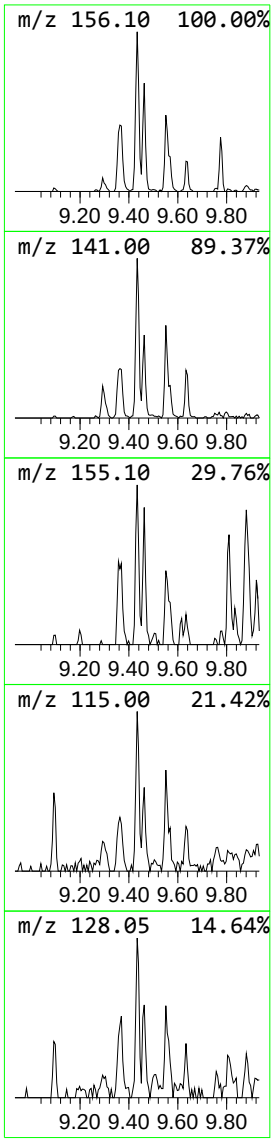
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	3.61 ng	99491	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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TIC Library : C:\Database\NIST20.L
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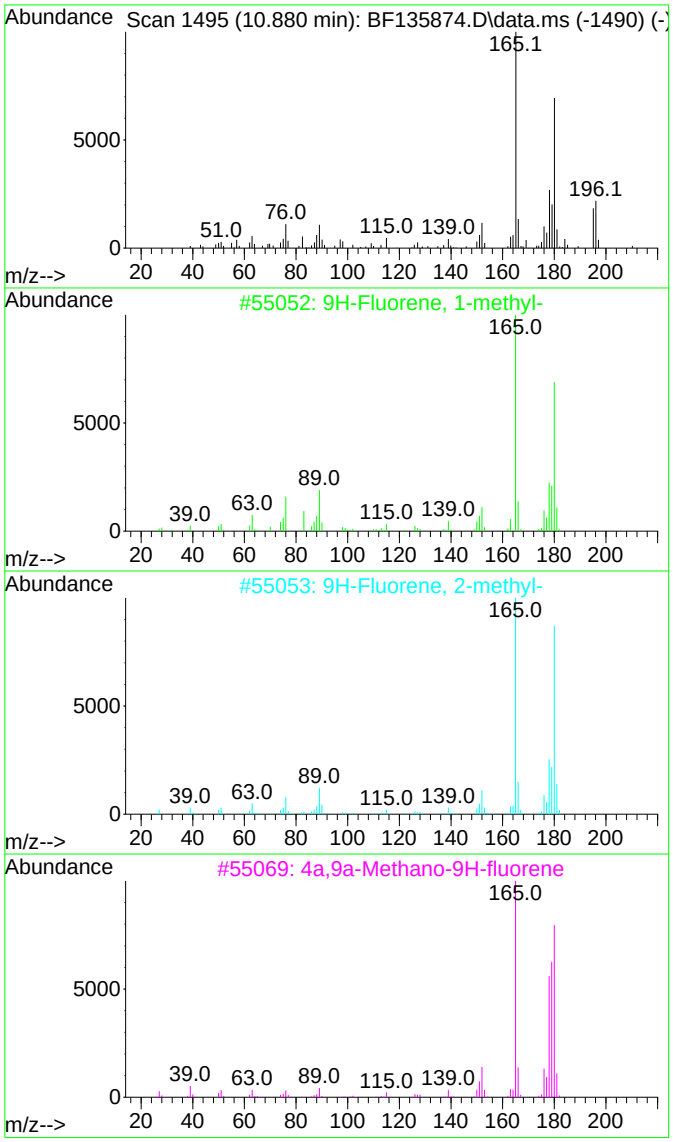
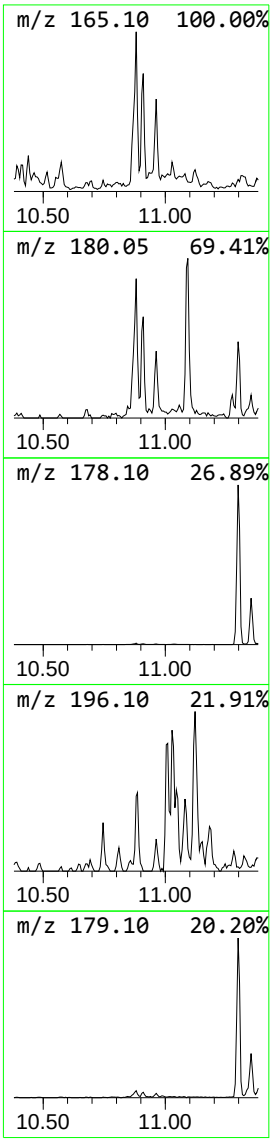
Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.880	3.68 ng	97032	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	58





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

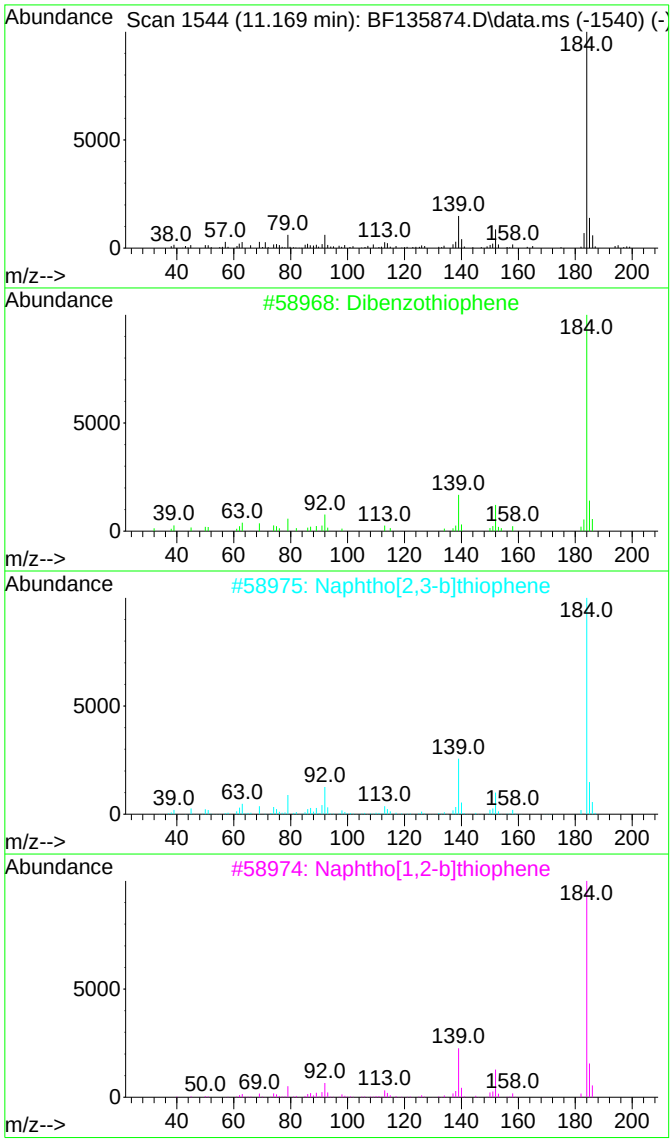
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

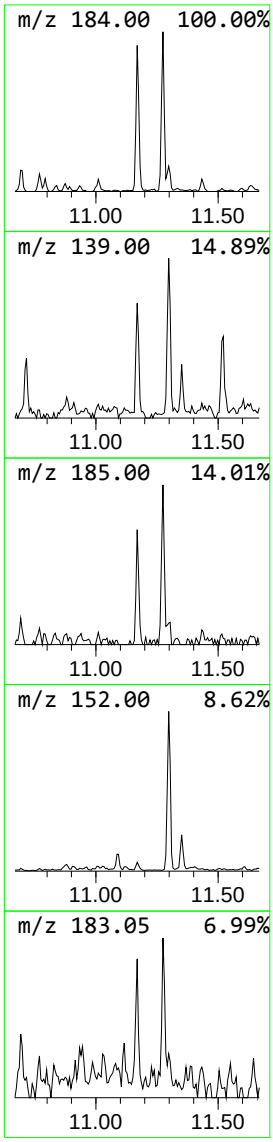
****

Peak Number 4 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	3.67 ng	96777	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

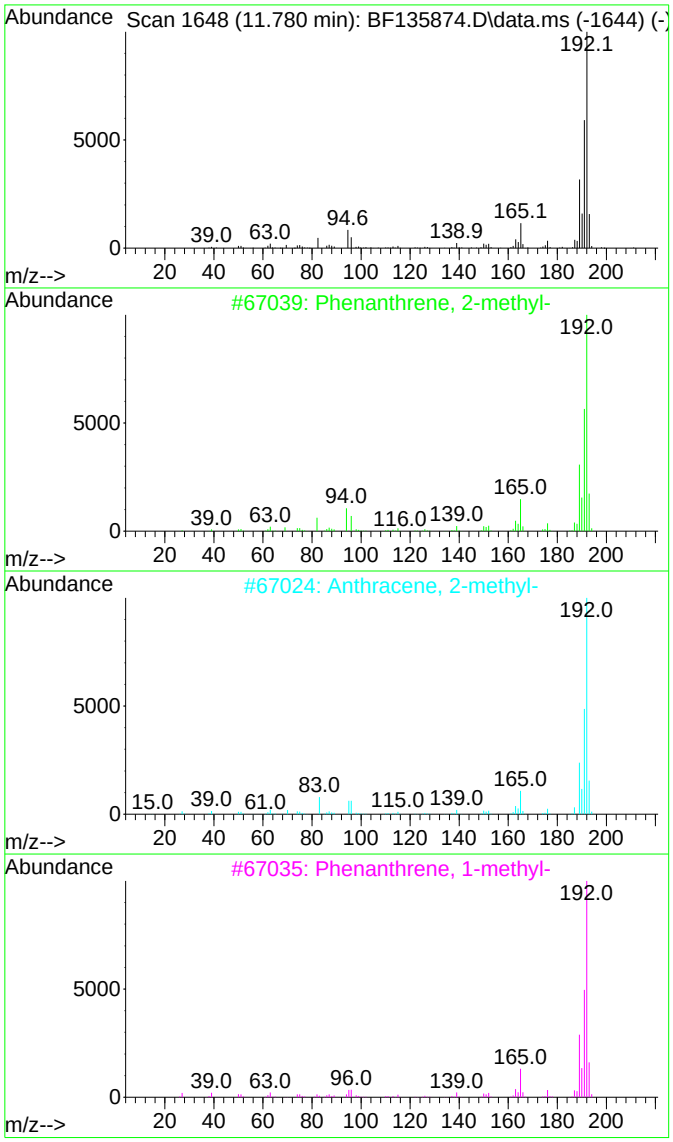
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

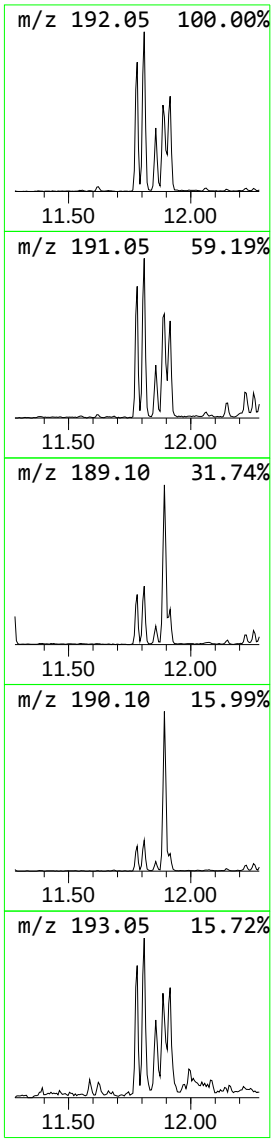
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	9.96 ng	263021	Phenanthrene-d10	11.275

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	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

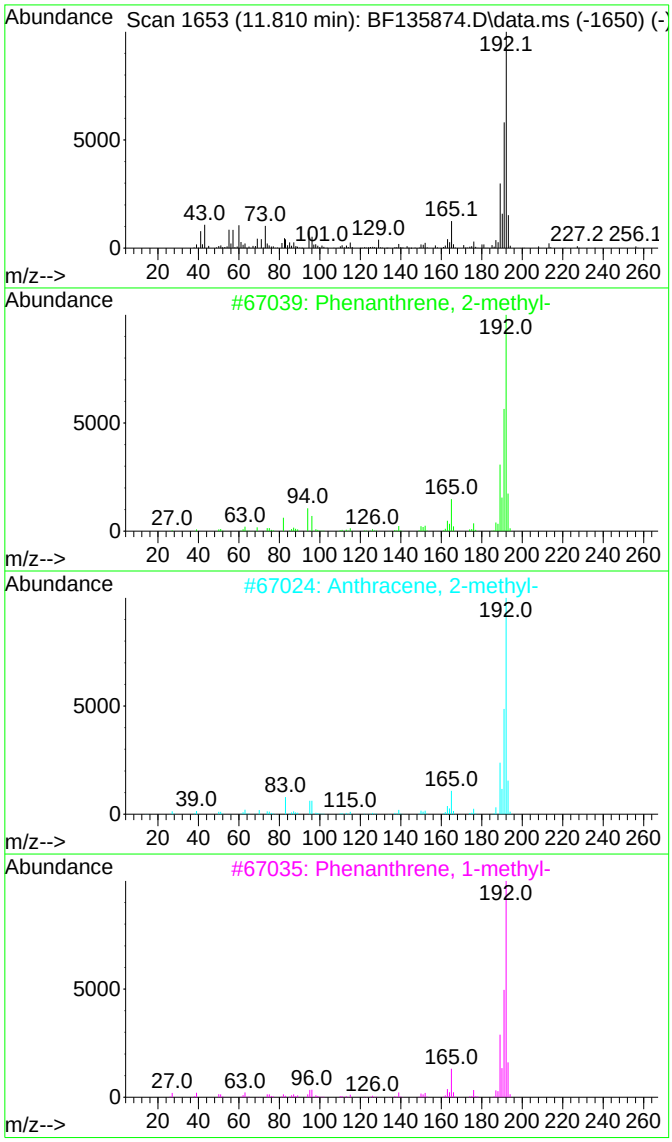
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

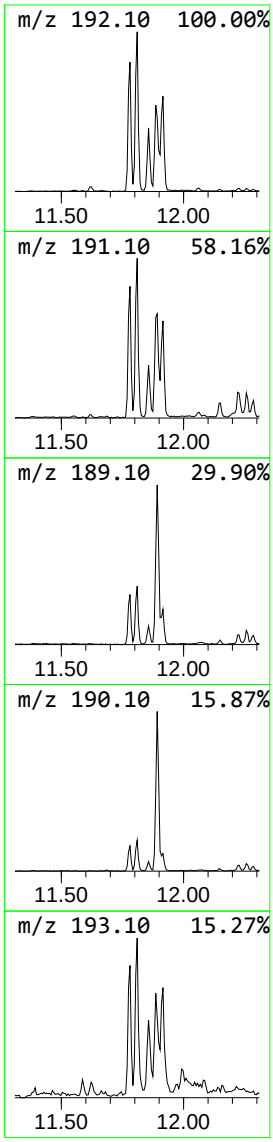
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	17.74 ng	468366	Phenanthrene-d10	11.275

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

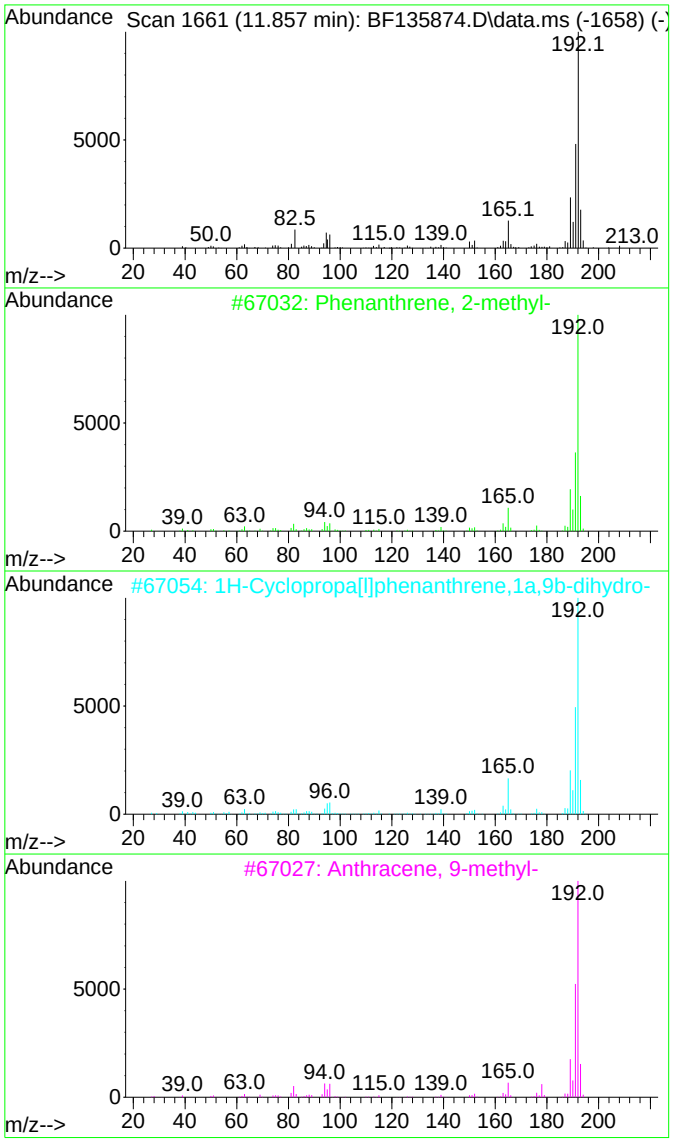
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

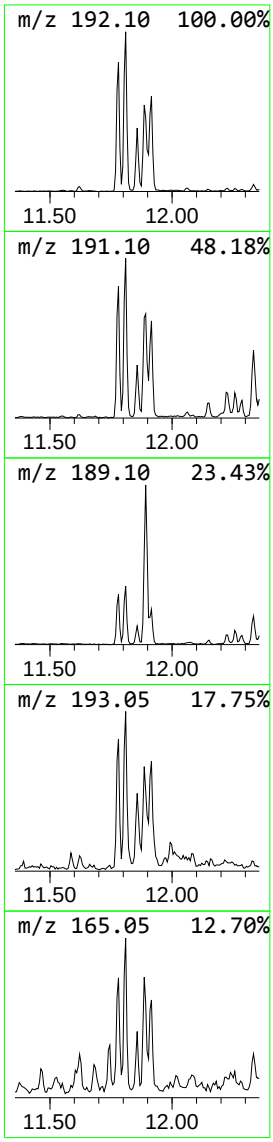
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	4.60 ng	121466	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

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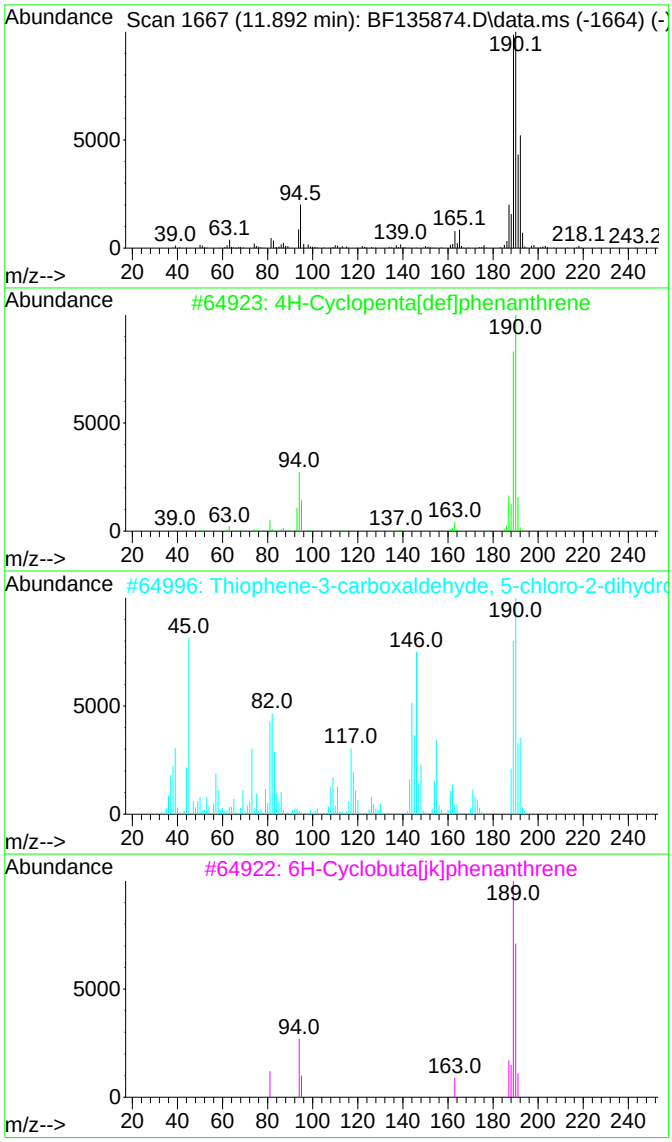
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

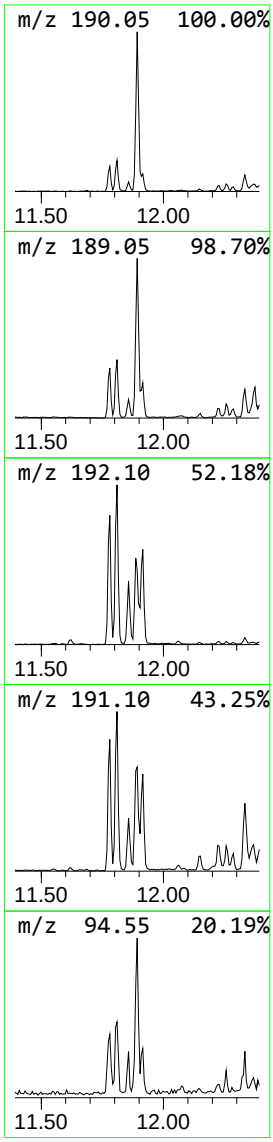
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	17.02 ng	449298	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
5	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38





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Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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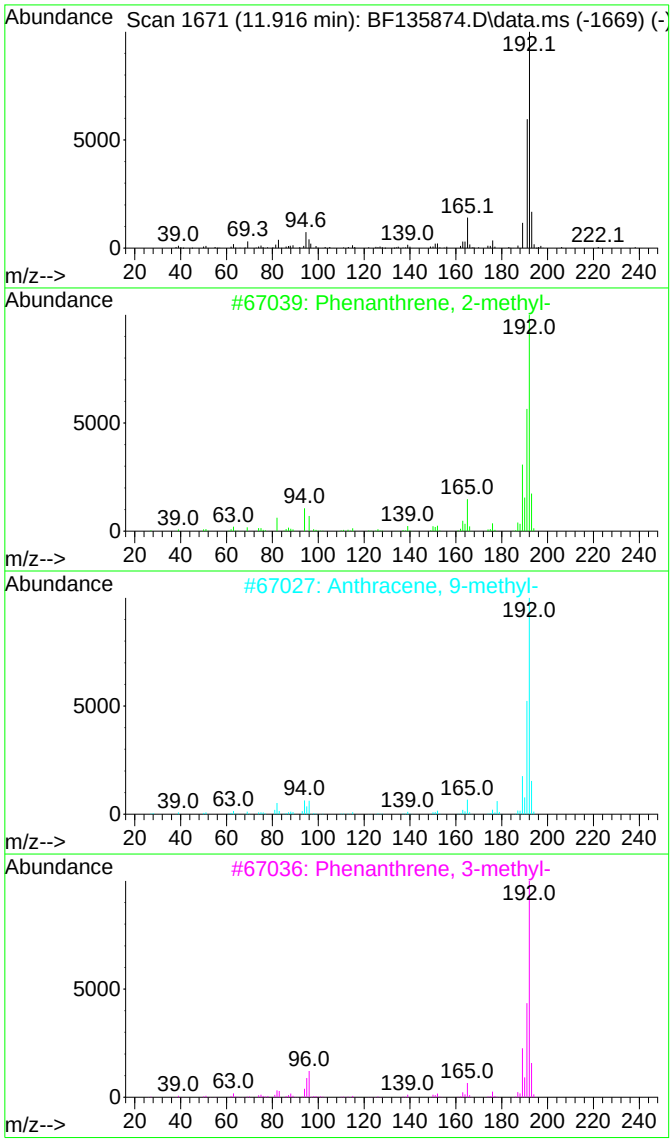
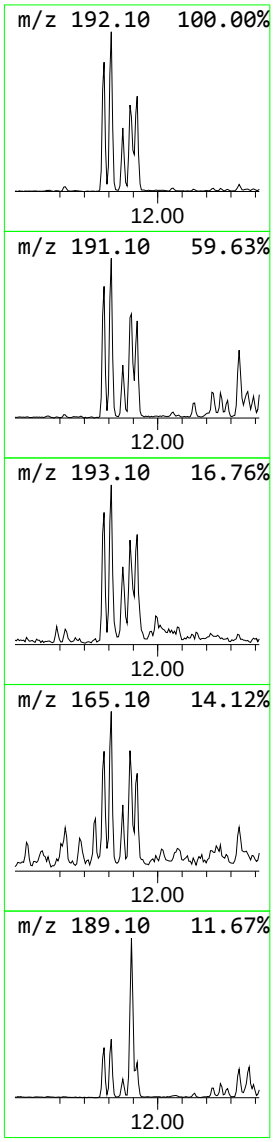
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	7.23 ng	190916	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86





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Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

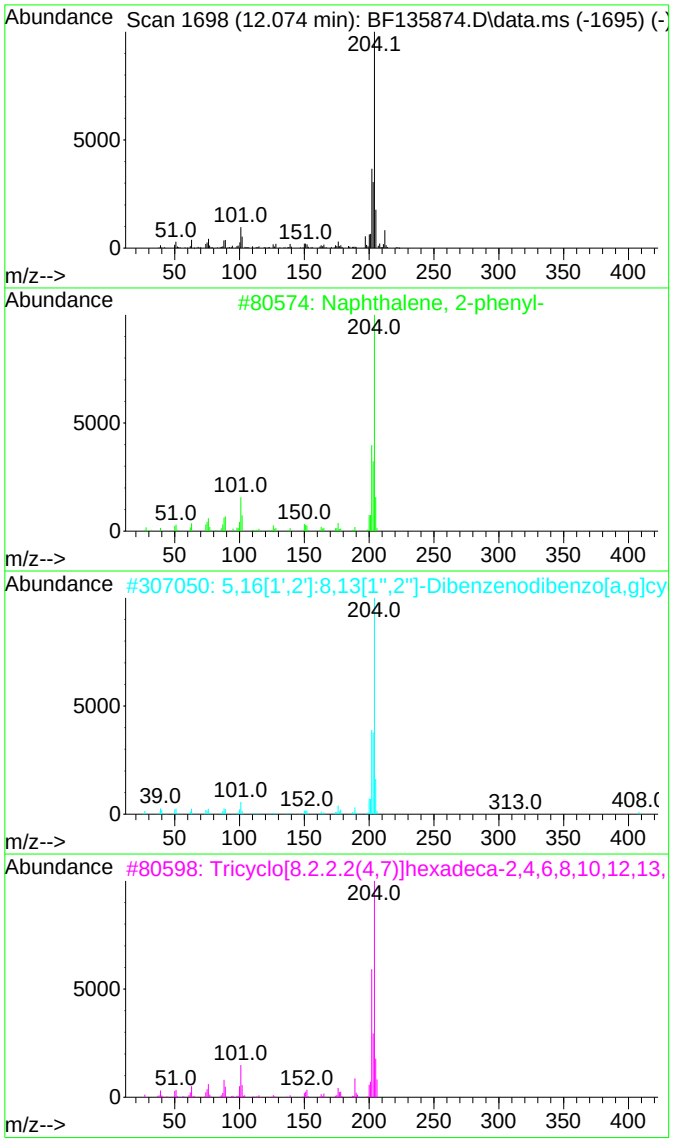
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

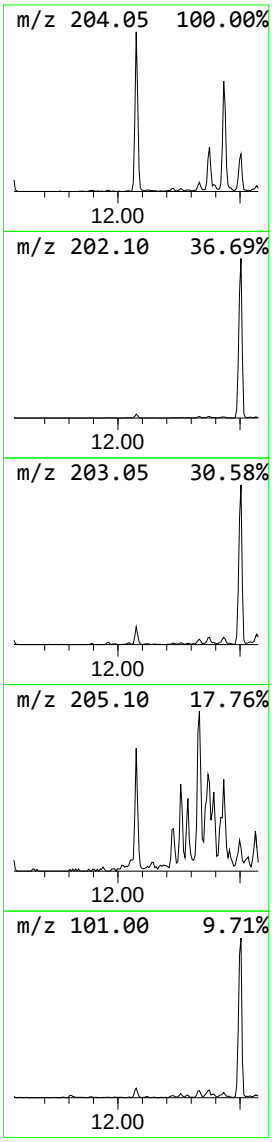
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	6.29 ng	166115	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	52
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52





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Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

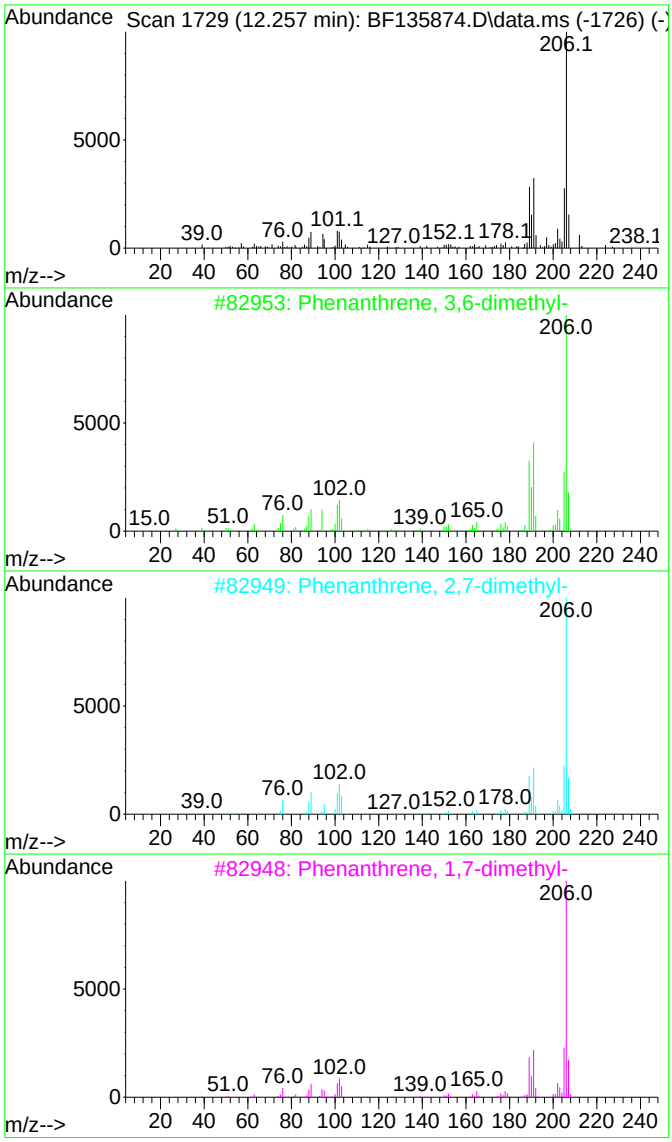
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

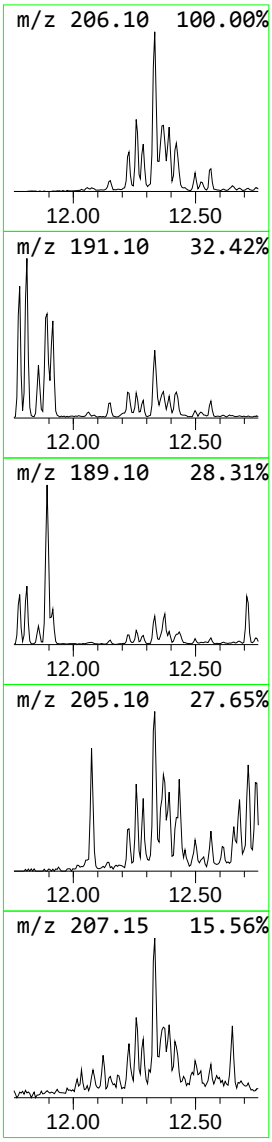
****

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	3.68 ng	97099	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

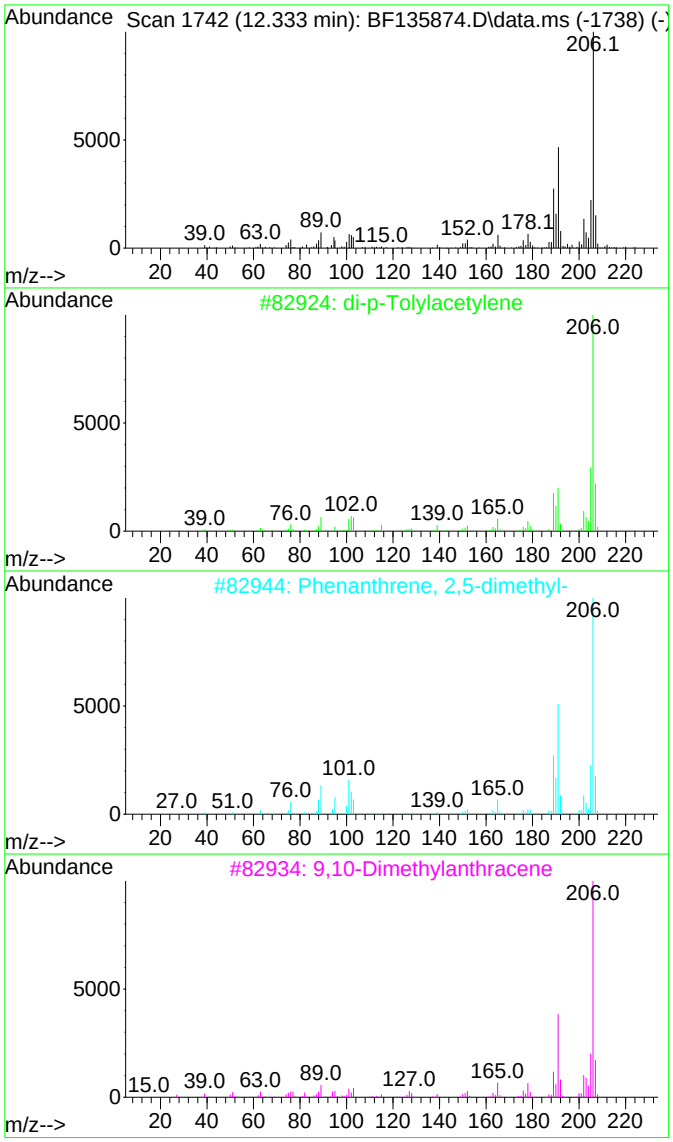
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

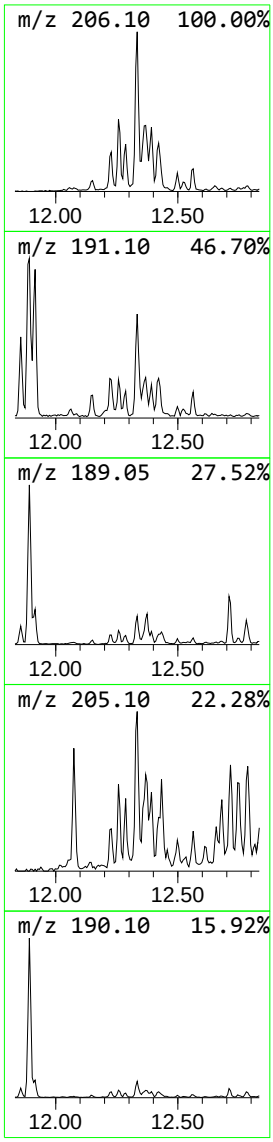
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	9.34 ng	246422	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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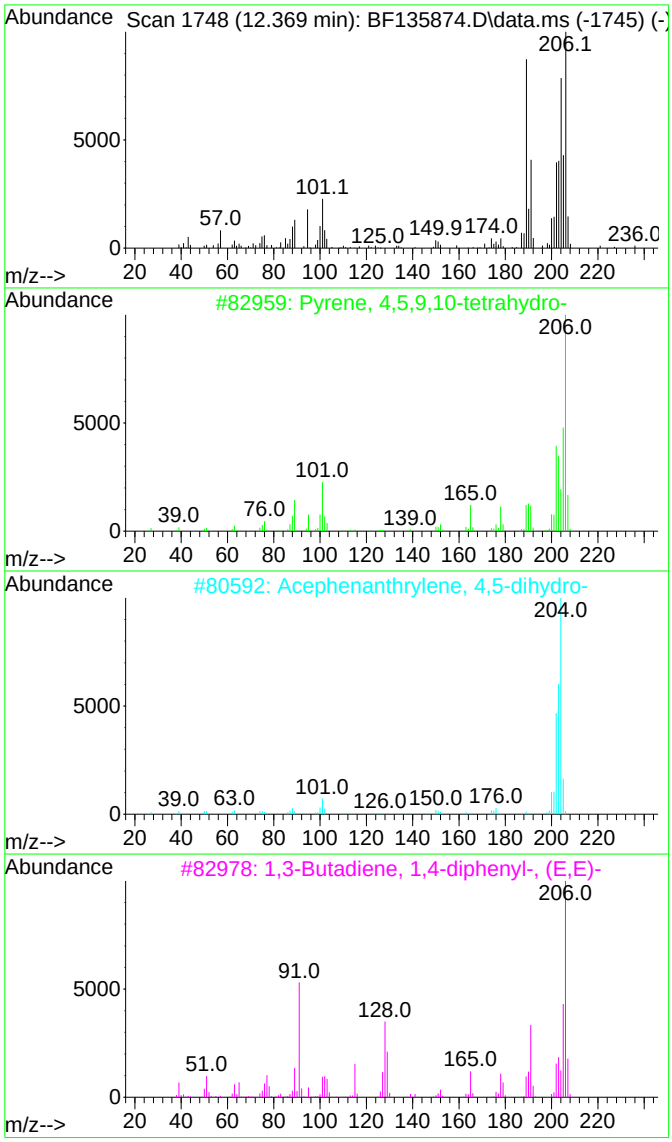
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

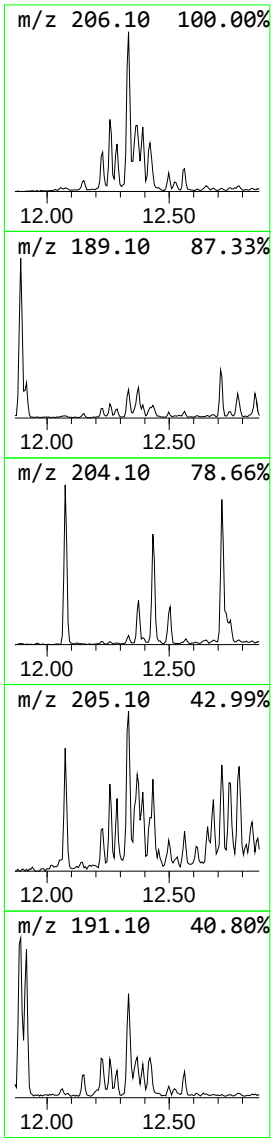
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	5.86 ng	154765	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	51
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	47
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	42
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	30
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	25





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Sample : 04858-07
Misc :
ALS Vial : 20 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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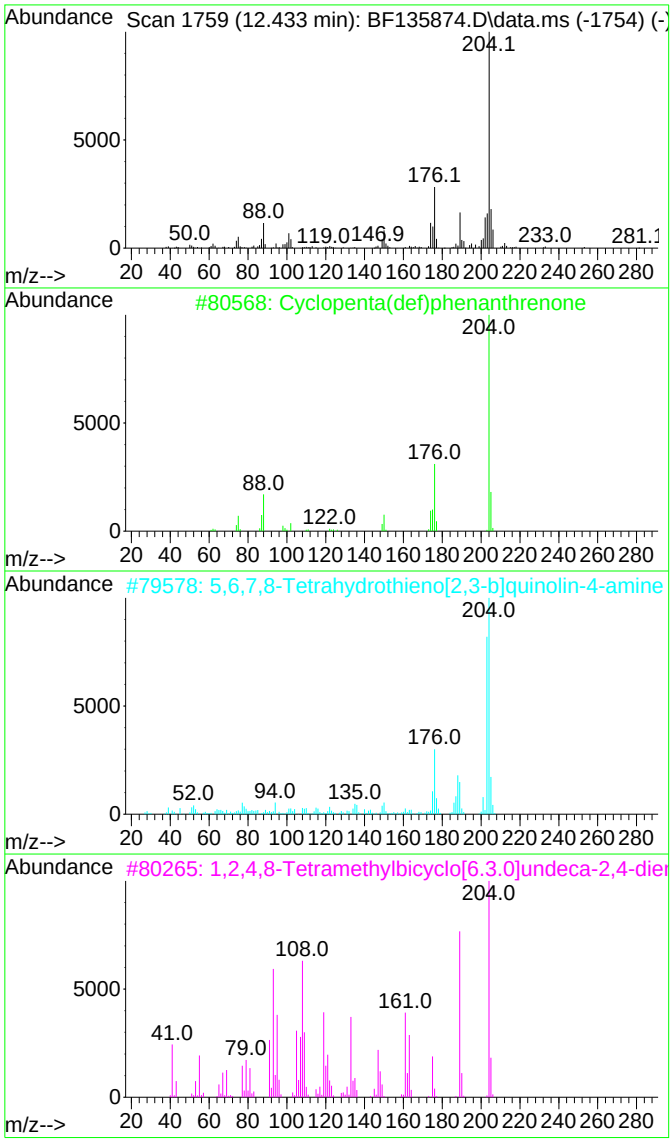
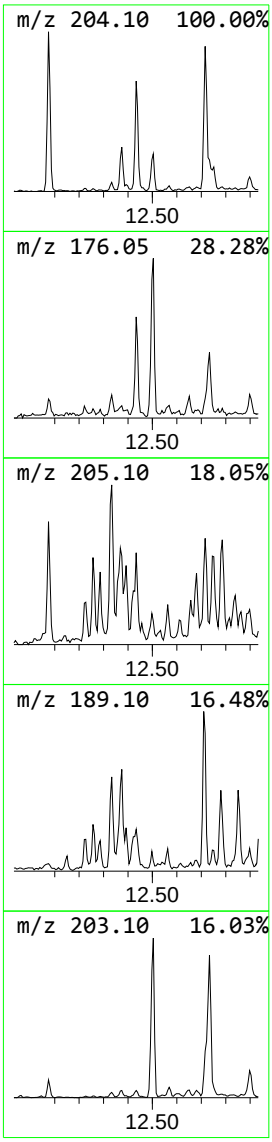
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	6.55 ng	172766	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	68
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	4-Phosphacyclopentene, 4-mesityl-	204	C13H17P	214605-01-3	59





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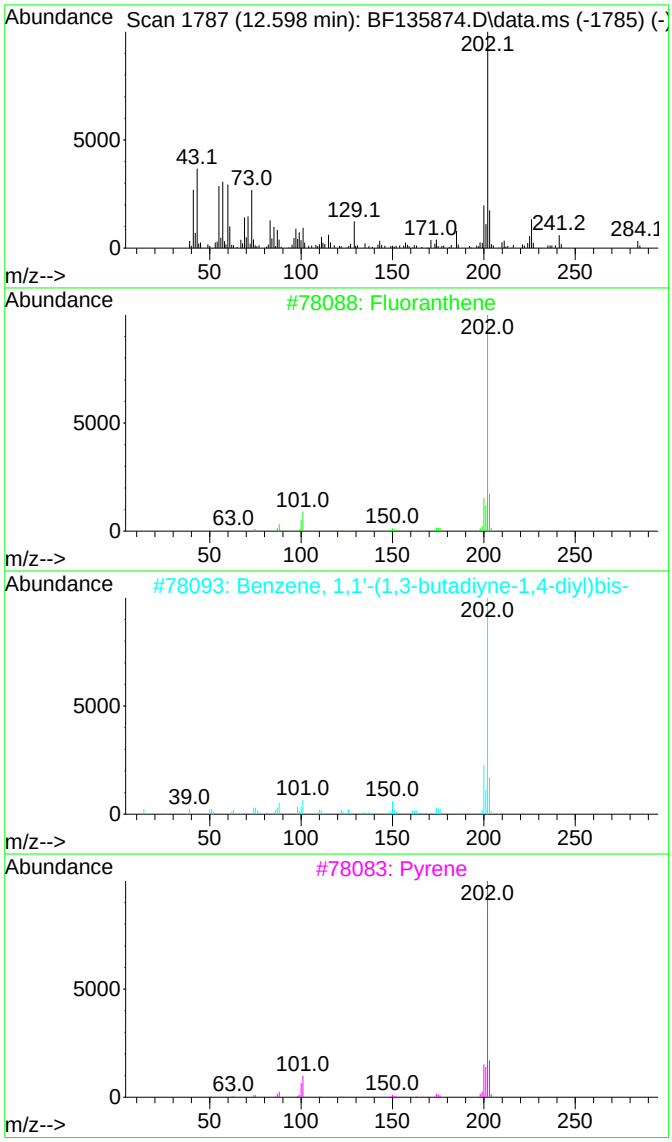
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

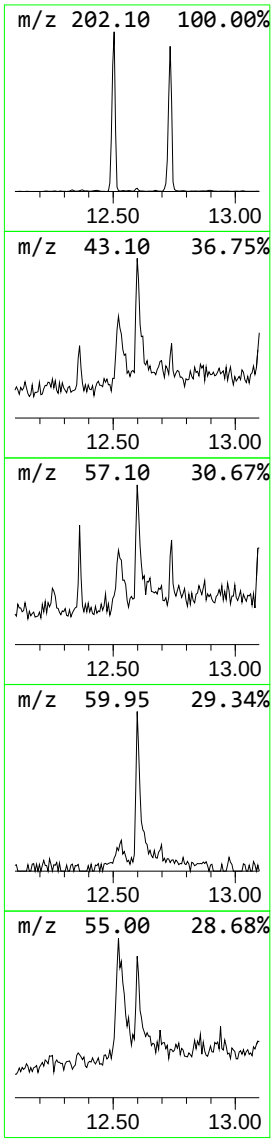
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	3.68 ng	97143	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	60
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	55
3	Pyrene	202	C16H10	000129-00-0	49
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	42
5	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	38





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Misc :
ALS Vial : 20 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

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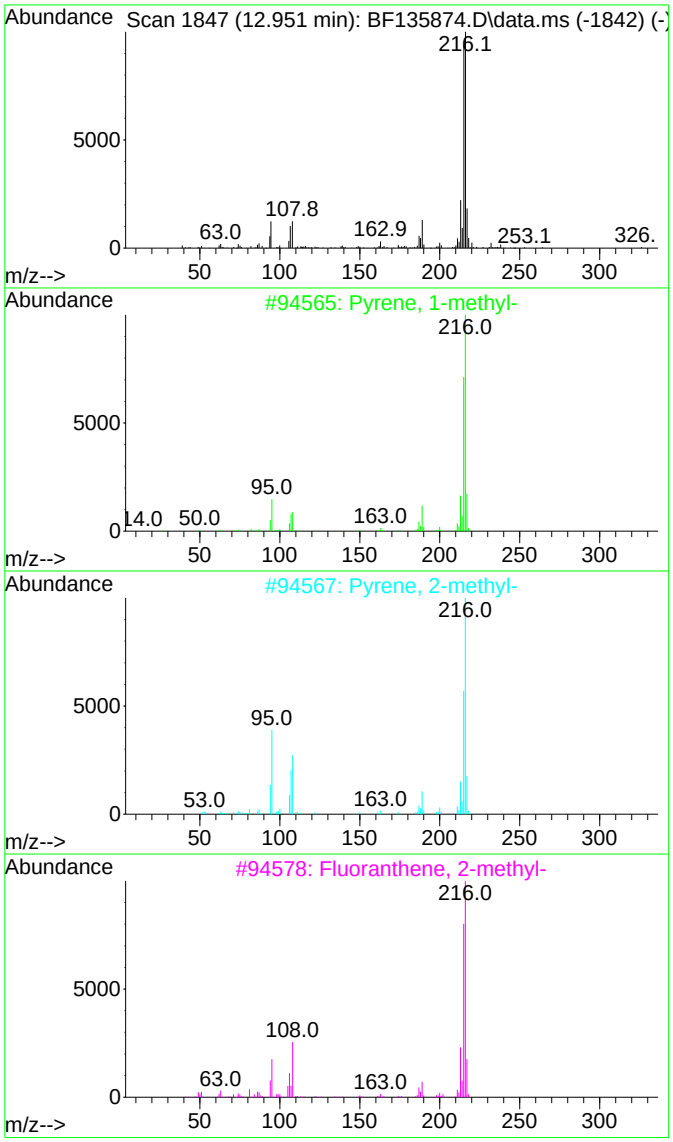
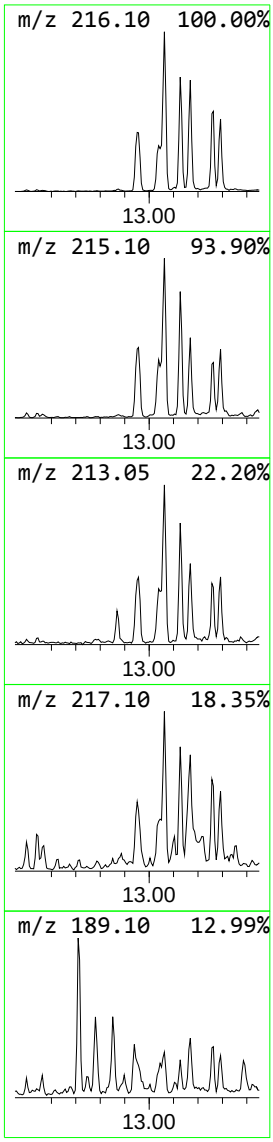
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.951	4.01 ng	287824	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Data File : BF135874.D
Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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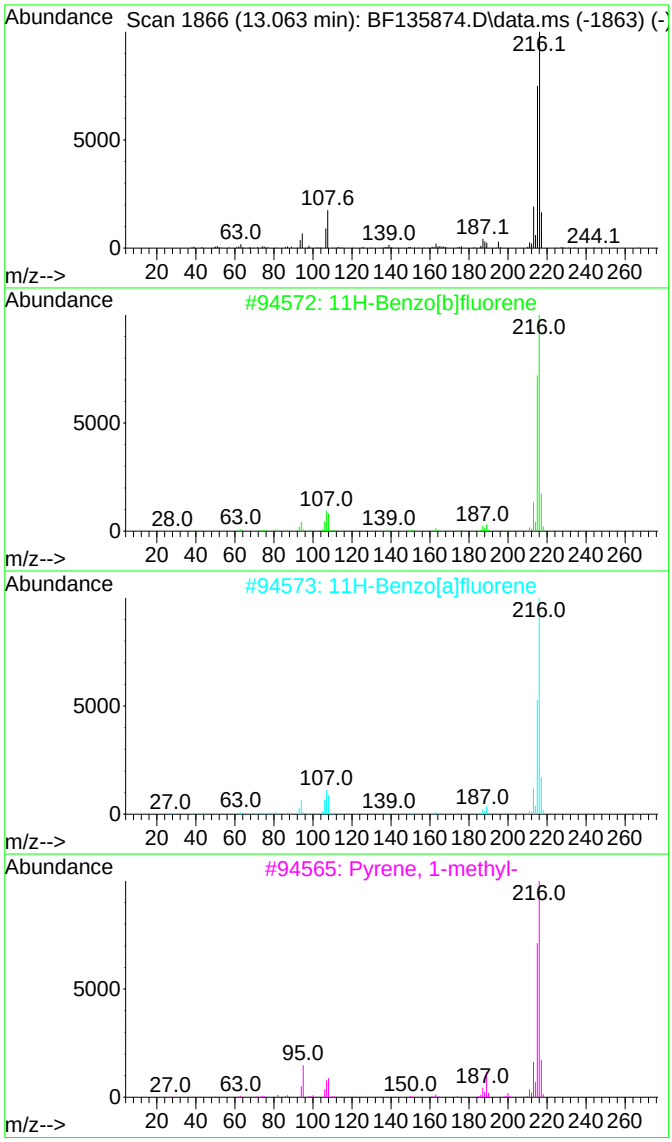
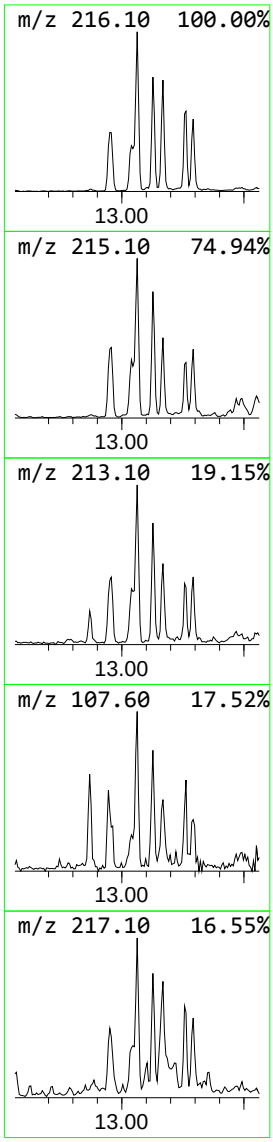
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	4.81 ng	345007	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135874.D
Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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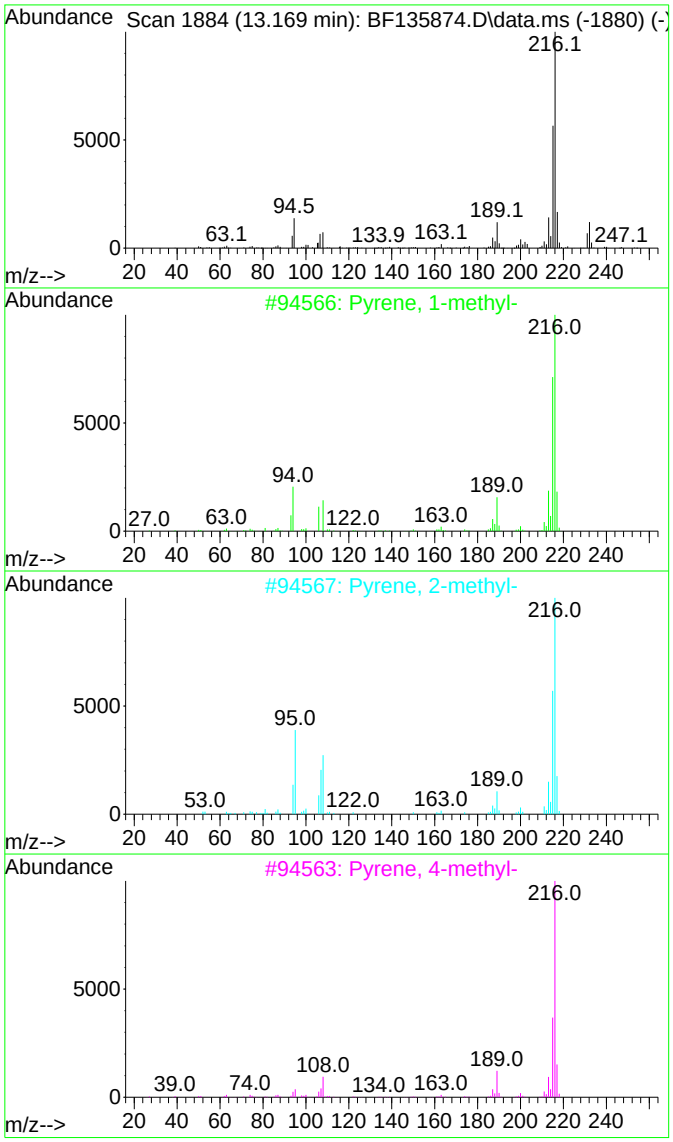
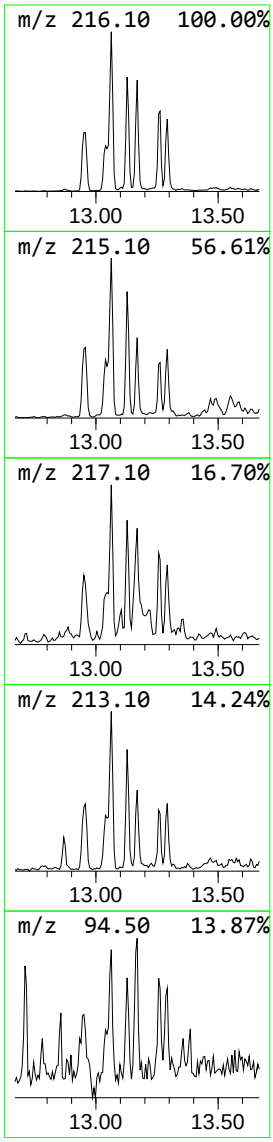
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	3.78 ng	271407	Chrysene-d12	13.945

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	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135874.D
Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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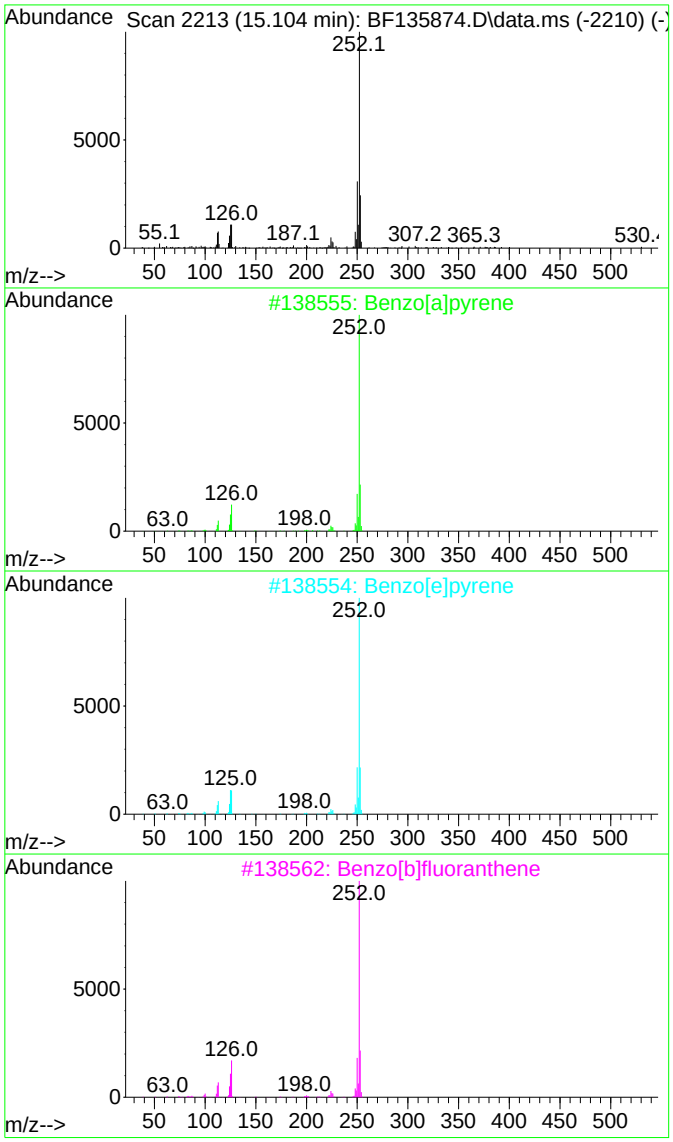
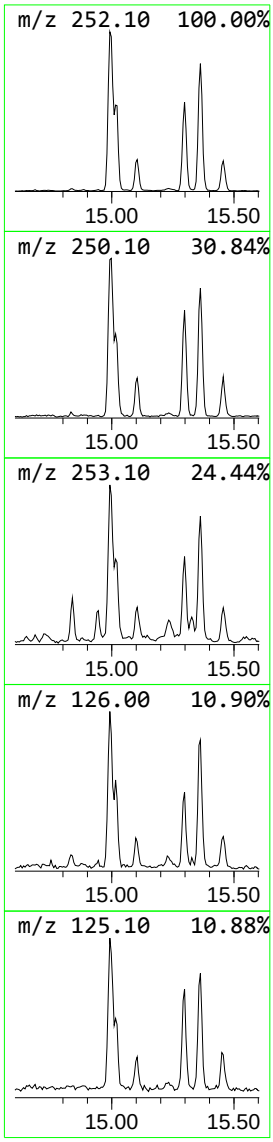
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	7.36 ng	98794	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135874.D
Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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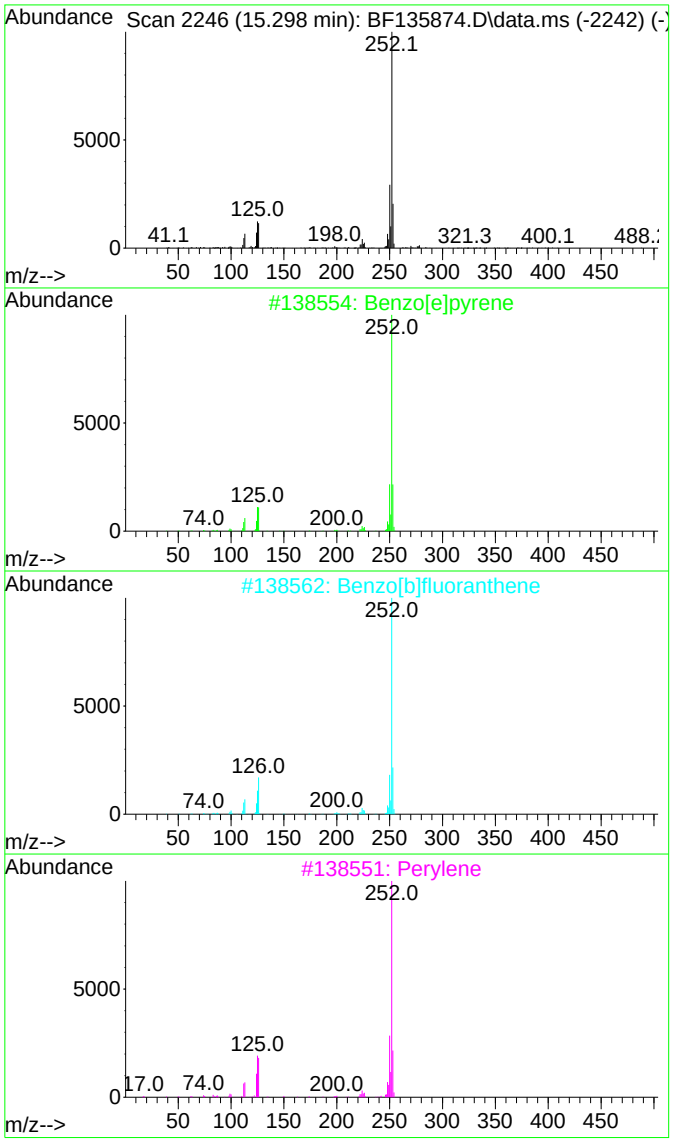
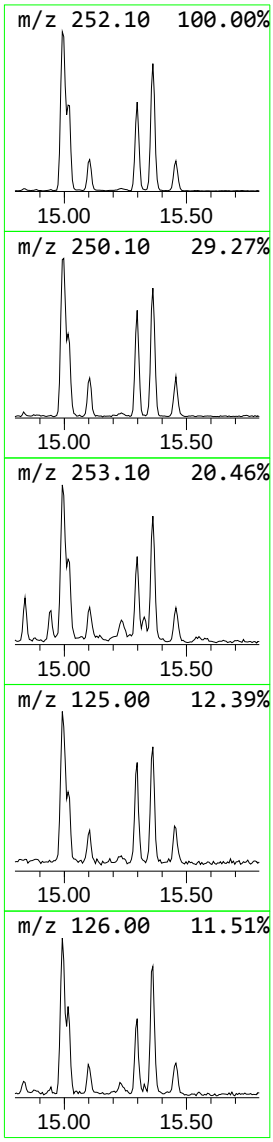
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	20.40 ng	273681	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135874.D
Acq On : 19 Oct 2023 05:00
Operator : CG\JU
Sample : 04858-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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-Pentanone, 4-...	4.963	4.3	ng	94004	1	6.740	442633	20.0
Naphthalene, 2,...	9.433	3.6	ng	99491	3	9.775	550882	20.0
9H-Fluorene, 1-...	10.880	3.7	ng	97032	4	11.275	527925	20.0
Dibenzothiophene	11.169	3.7	ng	96777	4	11.275	527925	20.0
Phenanthrene, 2...	11.780	10.0	ng	263021	4	11.275	527925	20.0
Anthracene, 2-m...	11.810	17.7	ng	468366	4	11.275	527925	20.0
1H-Cyclopropa[l...	11.857	4.6	ng	121466	4	11.275	527925	20.0
4H-Cyclopenta[d...	11.892	17.0	ng	449298	4	11.275	527925	20.0
Anthracene, 9-m...	11.916	7.2	ng	190916	4	11.275	527925	20.0
Naphthalene, 2-...	12.075	6.3	ng	166115	4	11.275	527925	20.0
Phenanthrene, 3...	12.257	3.7	ng	97099	4	11.275	527925	20.0
Phenanthrene, 2...	12.333	9.3	ng	246422	4	11.275	527925	20.0
Pyrene, 4,5,9,1...	12.369	5.9	ng	154765	4	11.275	527925	20.0
Cyclopenta(def)...	12.433	6.5	ng	172766	4	11.275	527925	20.0
Benzene, 1,1'-(...	12.598	3.7	ng	97143	4	11.275	527925	20.0
Pyrene, 1-methyl-	12.951	4.0	ng	287824	5	13.945	1435170	20.0
11H-Benzo[b]flu...	13.063	4.8	ng	345007	5	13.945	1435170	20.0
Pyrene, 2-methyl-	13.169	3.8	ng	271407	5	13.945	1435170	20.0
Benzo[e]pyrene	15.104	7.4	ng	98794	6	15.421	268303	20.0
Perylene	15.298	20.4	ng	273681	6	15.421	268303	20.0