LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
Data File : BF135463.D
Acq On : 26 Sep 2023 20:31
Operator : CG\JU
Sample : 04587-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-09222023

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BF135463.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	558	561	582	rVB	1500118	1580819	57.52%	4.751%
2	6.398	730	733	753	rBV	1541548	1537946	55.96%	4.622%
3	6.757	790	794	801	rBV	826172	757857	27.58%	2.278%
4	7.316	886	889	900	rBV	1054180	920448	33.49%	2.766%
5	8.034	1005	1011	1014	rBV	1069548	903786	32.88%	2.716%
6	8.845	1146	1149	1153	rVB	50283	45657	1.66%	0.137%
7	9.110	1190	1194	1197	rBV	1787501	1365864	49.70%	4.105%
8	9.192	1203	1208	1210	rBV	32177	33442	1.22%	0.101%
9	9.380	1235	1240	1243	rBV2	38013	51202	1.86%	0.154%
10	9.451	1248	1252	1254	rBV	61708	64805	2.36%	0.195%
11	9.475	1254	1256	1260	rVB	35650	33595	1.22%	0.101%
12	9.569	1268	1272	1273	rBV	37031	35042	1.28%	0.105%
13	9.586	1273	1275	1283	rVV	136087	185510	6.75%	0.558%
14	9.651	1283	1286	1291	rVB	228306	185529	6.75%	0.558%
15	9.722	1296	1298	1302	rVB	37526	28920	1.05%	0.087%
16	9.786	1302	1309	1313	rBV	982577	884960	32.20%	2.660%
17	9.822	1313	1315	1319	rVB	200230	152457	5.55%	0.458%
18	9.945	1332	1336	1339	rBV3	23109	29574	1.08%	0.089%
19	9.998	1341	1345	1349	rVV	148866	148744	5.41%	0.447%
20	10.033	1349	1351	1355	rVV2	38831	33327	1.21%	0.100%
21	10.104	1360	1363	1367	rBV	40424	44747	1.63%	0.134%
22	10.192	1375	1378	1381	rBV3	30637	41229	1.50%	0.124%
23	10.222	1381	1383	1385	rVB2	43780	35875	1.31%	0.108%
24	10.339	1400	1403	1409	rVB	287631	259189	9.43%	0.779%
25	10.404	1409	1414	1416	rBV	45490	56719	2.06%	0.170%
26	10.498	1427	1430	1433	rVB	74995	69272	2.52%	0.208%
27	10.580	1441	1444	1449	rBV	836342	764217	27.81%	2.297%
28	10.710	1461	1466	1471	rVB4	69264	116994	4.26%	0.352%
29	10.892	1493	1497	1499	rBV2	70729	80120	2.92%	0.241%
30	10.916	1499	1501	1504	rVB2	36730	34839	1.27%	0.105%
31	10.974	1509	1511	1514	rVV	46804	36234	1.32%	0.109%
32	11.022	1514	1519	1520	rVV2	41621	53138	1.93%	0.160%
33	11.039	1520	1522	1524	rVV2	58526	52694	1.92%	0.158%
34	11.092	1528	1531	1534	rVV	37081	38659	1.41%	0.116%
35	11.127	1534	1537	1539	rVV	45509	53676	1.95%	0.161%
36	11.180	1543	1546	1551	rVB	148469	144490	5.26%	0.434%

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-09222023

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	11.280	1560	1563	1565	rBV	941910	850699	30.95%	2.557%
38	11.310	1565	1568	1571	rVV	1655321	1459314	53.10%	4.386%
39	11.357	1573	1576	1580	rVV	580876	494140	17.98%	1.485%
40	11.398	1580	1583	1585	rVV2	57221	56885	2.07%	0.171%
41	11.522	1600	1604	1608	rBV	131696	164066	5.97%	0.493%
42	11.580	1611	1614	1616	rVV	86175	76120	2.77%	0.229%
43	11.616	1617	1620	1625	rVB2	49709	69051	2.51%	0.208%
44	11.698	1632	1634	1638	rVB	40903	40058	1.46%	0.120%
45	11.786	1646	1649	1652	rBV	267172	236263	8.60%	0.710%
46	11.816	1652	1654	1659	rVV	511990	451848	16.44%	1.358%
47	11.863	1659	1662	1665	rVV	158258	149081	5.42%	0.448%
48	11.898	1665	1668	1671	rVV	585912	606511	22.07%	1.823%
49	11.921	1671	1672	1677	rVB	205750	126978	4.62%	0.382%
50	11.986	1679	1683	1687	rBV3	46232	72648	2.64%	0.218%
51	12.086	1697	1700	1703	rBV	178163	158750	5.78%	0.477%
52	12.116	1703	1705	1709	rVB	79452	70462	2.56%	0.212%
53	12.233	1723	1725	1728	rVB	60091	45964	1.67%	0.138%
54	12.269	1728	1731	1733	rBV	81863	73566	2.68%	0.221%
55	12.292	1733	1735	1738	rVB	59632	49180	1.79%	0.148%
56	12.339	1740	1743	1746	rBV	200229	201534	7.33%	0.606%
57	12.380	1746	1750	1752	rVV	156974	163193	5.94%	0.490%
58	12.433	1755	1759	1763	rBV3	115559	155625	5.66%	0.468%
59	12.504	1767	1771	1775	rBV	2586427	2512268	91.41%	7.551%
60	12.551	1775	1779	1780	rBV2	47246	33853	1.23%	0.102%
61	12.569	1780	1782	1785	rVB2	60499	40399	1.47%	0.121%
62	12.604	1785	1788	1791	rBV	105011	119465	4.35%	0.359%
63	12.657	1794	1797	1799	rBV2	99578	103896	3.78%	0.312%
64	12.739	1804	1811	1816	rVV2	2274930	2748348	100.00%	8.260%
65	12.786	1816	1819	1823	rVB2	111312	143072	5.21%	0.430%
66	12.857	1828	1831	1832	rBV	142309	138184	5.03%	0.415%
67	12.880	1832	1835	1841	rVB	1338069	1356995	49.37%	4.078%
68	12.951	1843	1847	1852	rBV4	194555	330117	12.01%	0.992%
69	13.068	1859	1867	1870	rBV	456371	656388	23.88%	1.973%
70	13.110	1872	1874	1875	rBV	67094	52348	1.90%	0.157%
71	13.133	1875	1878	1880	rVV	420252	342518	12.46%	1.029%
72	13.168	1880	1884	1888	rVV2	283902	310274	11.29%	0.933%
73	13.227	1892	1894	1897	rBV3	59129	68693	2.50%	0.206%
74	13.263	1897	1900	1903	rBV	156220	128052	4.66%	0.385%
75	13.292	1903	1905	1908	rBV	177312	151359	5.51%	0.455%
76	13.580	1952	1954	1958	rVB	104743	106643	3.88%	0.321%

LSC Area Percent Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.692	1970	1973	1975	rBV	159178	147959	5.38%	0.445%
78	13.715	1975	1977	1979	rVV	201528	145763	5.30%	0.438%
79	13.739	1979	1981	1983	rVV	156300	151890	5.53%	0.456%
80	13.792	1987	1990	1993	rVB	164134	150031	5.46%	0.451%
81	13.933	2011	2014	2018	rBV2	1258874	1848199	67.25%	5.555%
82	13.968	2018	2020	2028	rVB	1096179	988813	35.98%	2.972%
83	14.051	2031	2034	2036	rVB	161282	139672	5.08%	0.420%
84	14.333	2080	2082	2085	rVB	197418	161083	5.86%	0.484%
85	14.986	2189	2193	2196	rBV	695909	1032282	37.56%	3.102%
86	15.092	2209	2211	2219	rVB	153996	211992	7.71%	0.637%
87	15.286	2241	2244	2251	rVB	389896	502874	18.30%	1.511%
88	15.351	2251	2255	2261	rVB	647572	830050	30.20%	2.495%
89	15.415	2262	2266	2268	rBV	378716	478588	17.41%	1.438%
90	16.904	2514	2519	2527	rVB2	254216	507172	18.45%	1.524%

Sum of corrected areas: 33272752

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Instrument :
BNA_F
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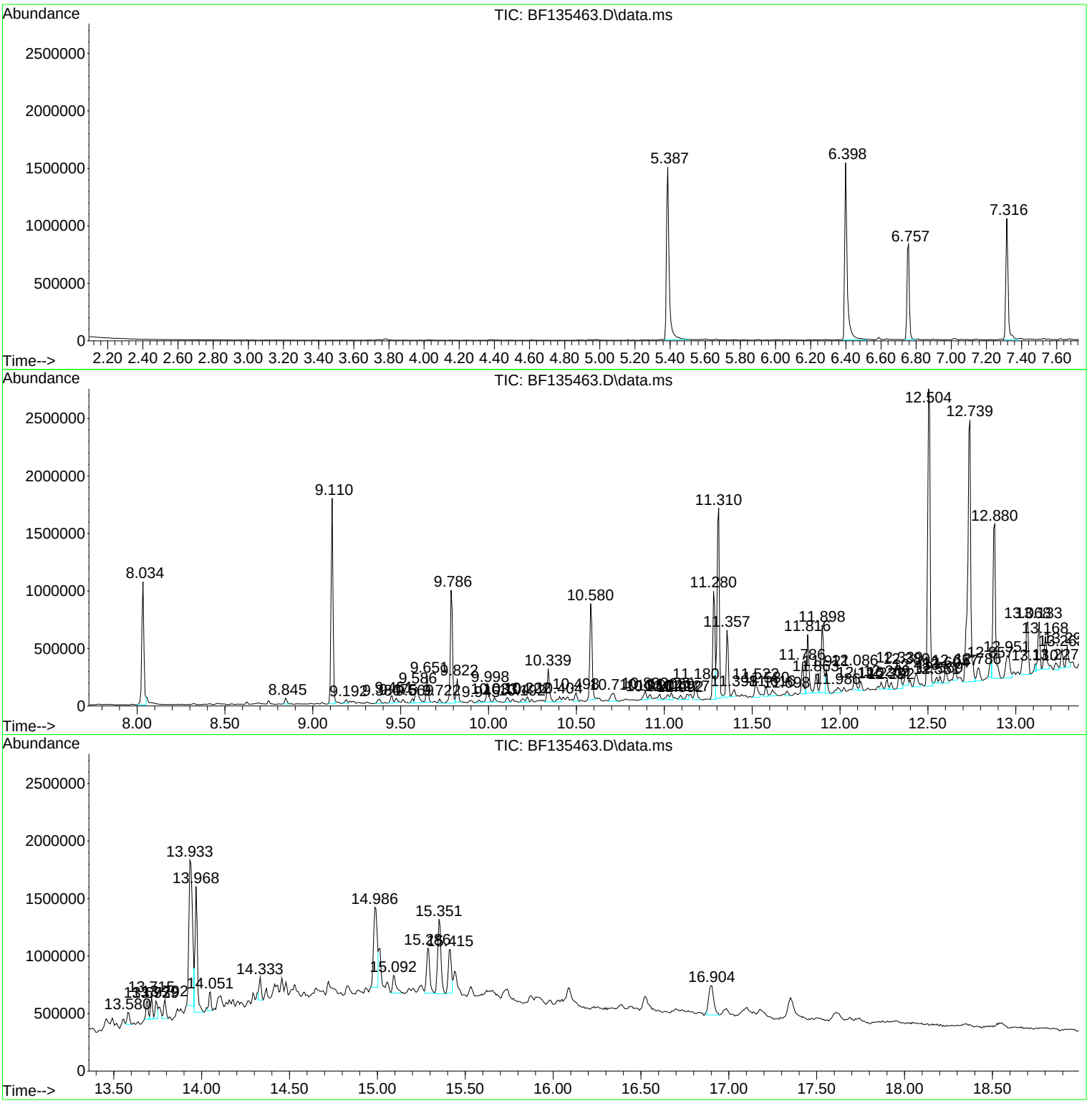
SU-04-09222023

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

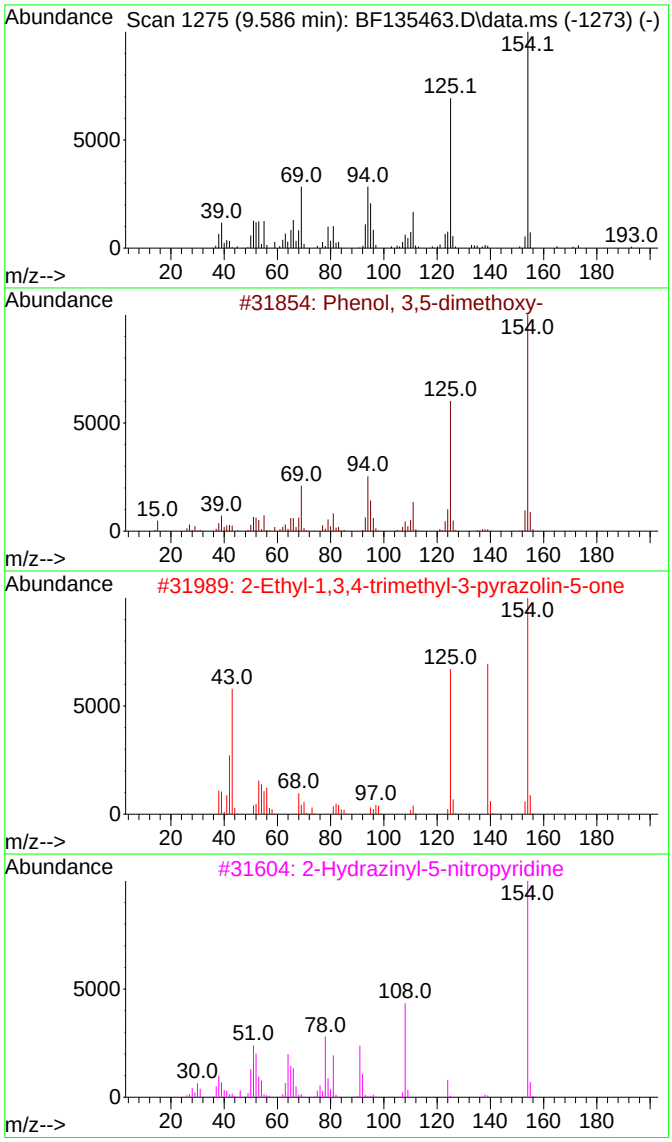
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

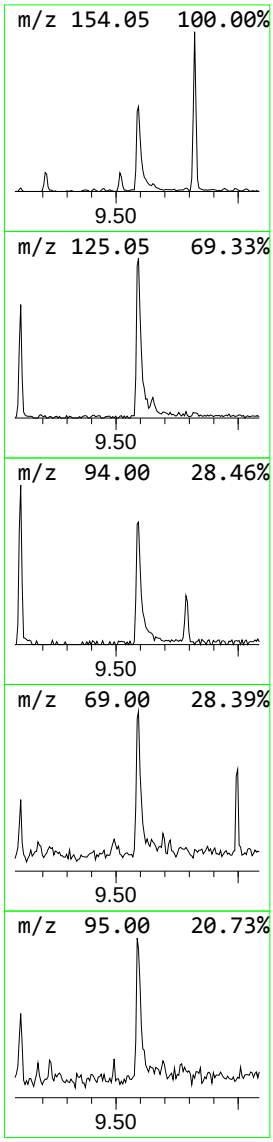
****

Peak Number 1 Phenol, 3,5-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	4.19 ng	185510	Acenaphthene-d10	9.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethoxy-	154	C8H10O3	000500-99-2	93
2	2-Ethyl-1,3,4-trimethyl-3-pyrazo...	154	C8H14N2O	1000306-49-7	52
3	2-Hydrazinyl-5-nitropyridine	154	C5H6N4O2	006343-98-2	38
4	Phenol, 4-amino-2-nitro-	154	C6H6N2O3	000119-34-6	35
5	Benzoic acid, 3,5-dihydroxy-	154	C7H6O4	000099-10-5	35





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

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

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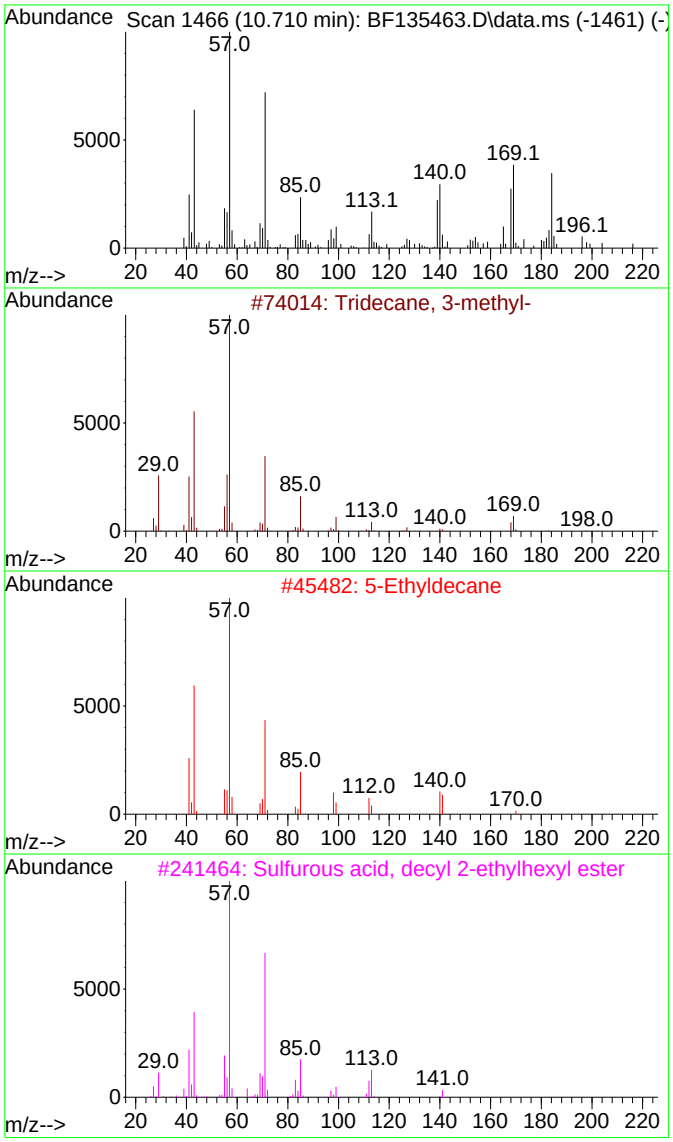
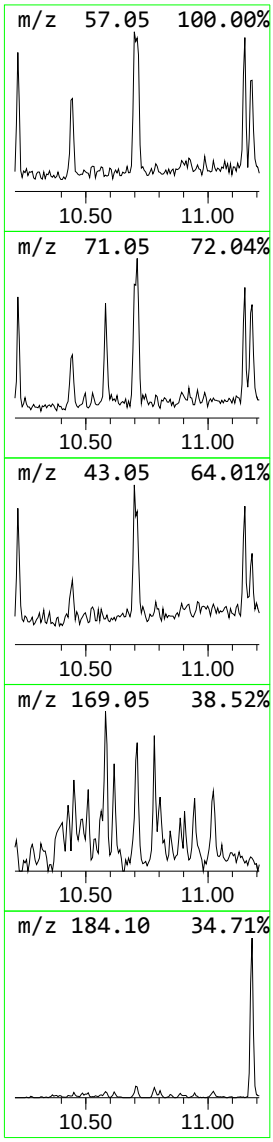
Peak Number 2 unknown10.710 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.710	2.75 ng	116994	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	46
2	5-Ethyldecane	170	C12H26	017302-36-2	25
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	25
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	25
5	Tetradecane	198	C14H30	000629-59-4	15





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

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

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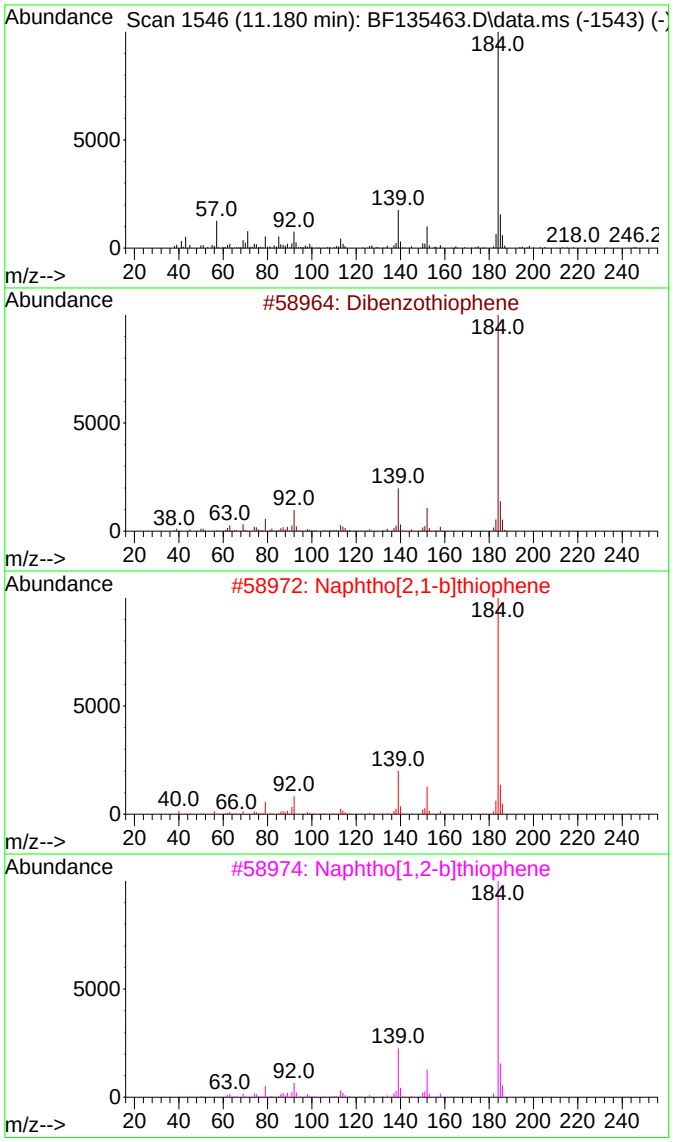
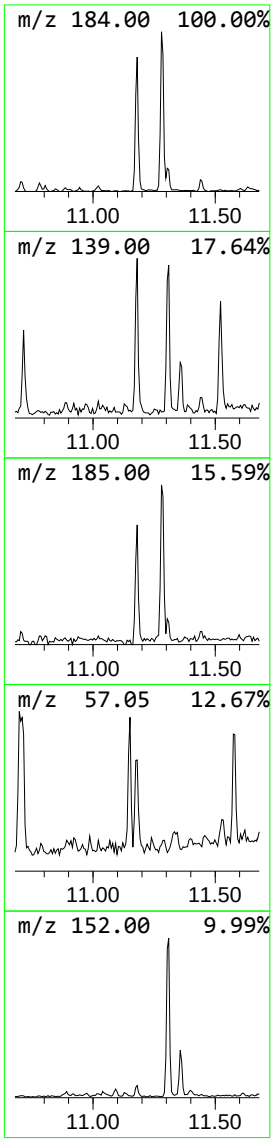
Peak Number 3 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	3.40 ng	144490	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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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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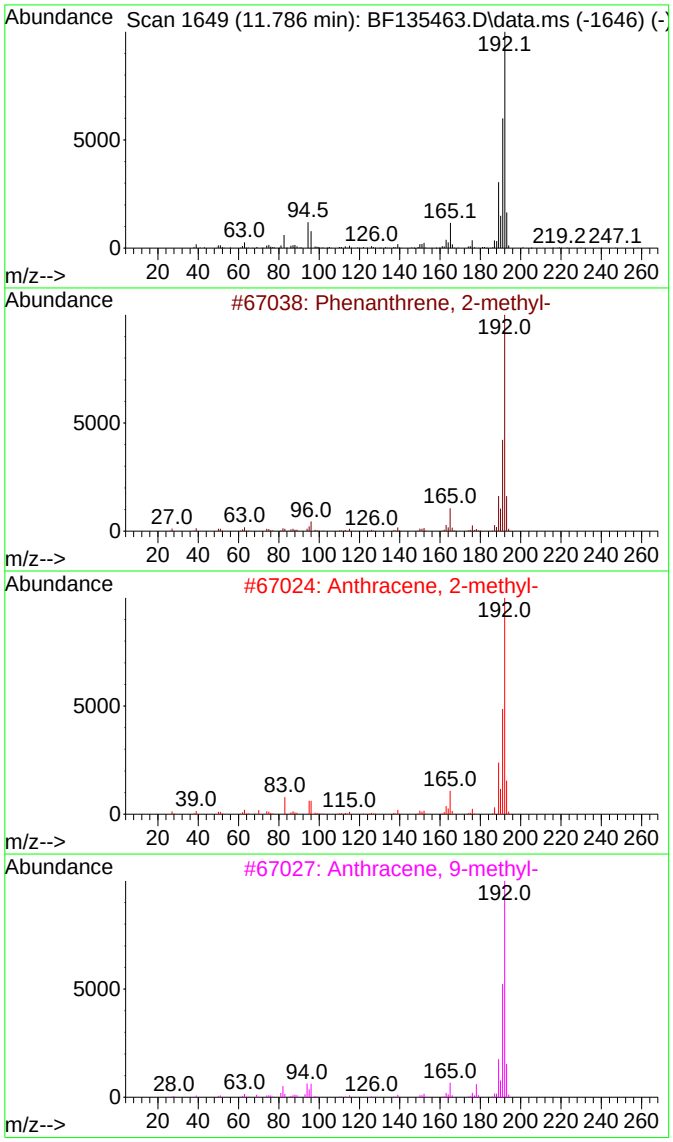
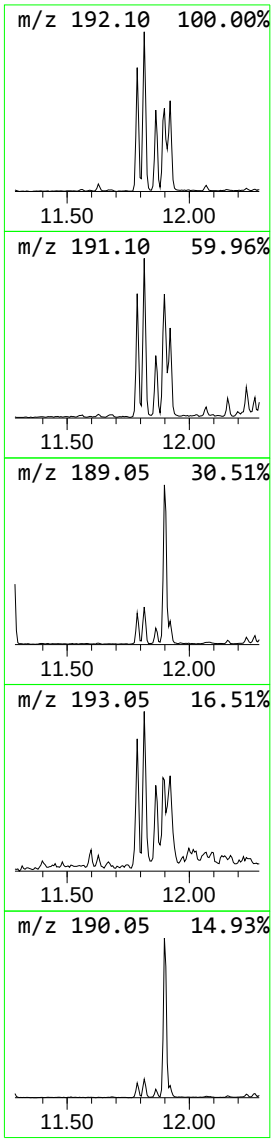
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	5.55 ng	236263	Phenanthrene-d10	11.280

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





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Data File : BF135463.D
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Sample : 04587-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-09222023

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

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

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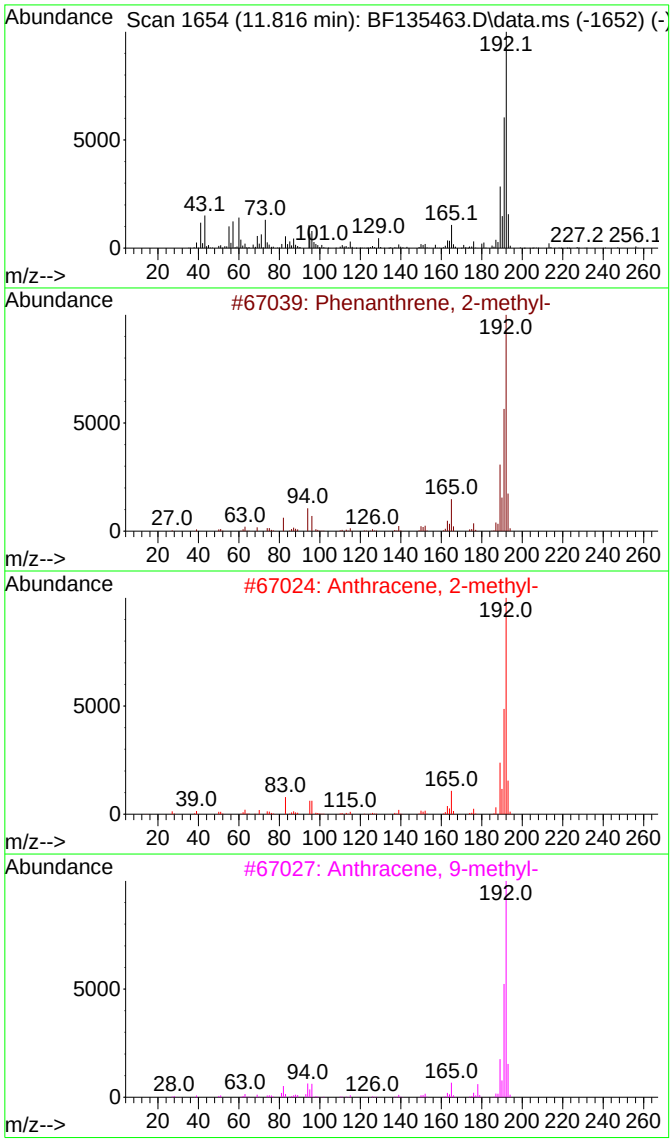
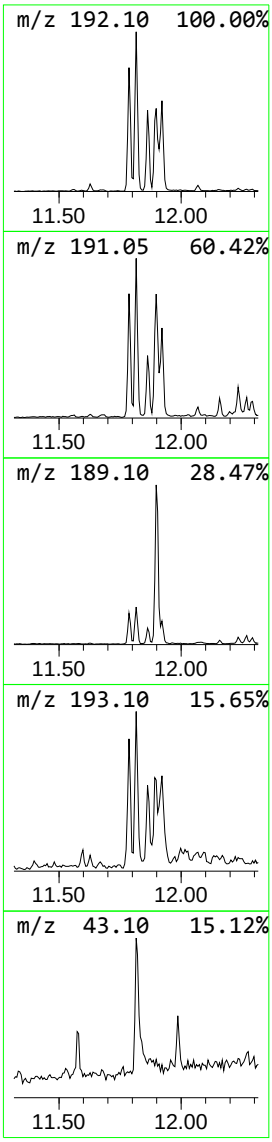
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	10.62 ng	451848	Phenanthrene-d10	11.280

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	97
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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

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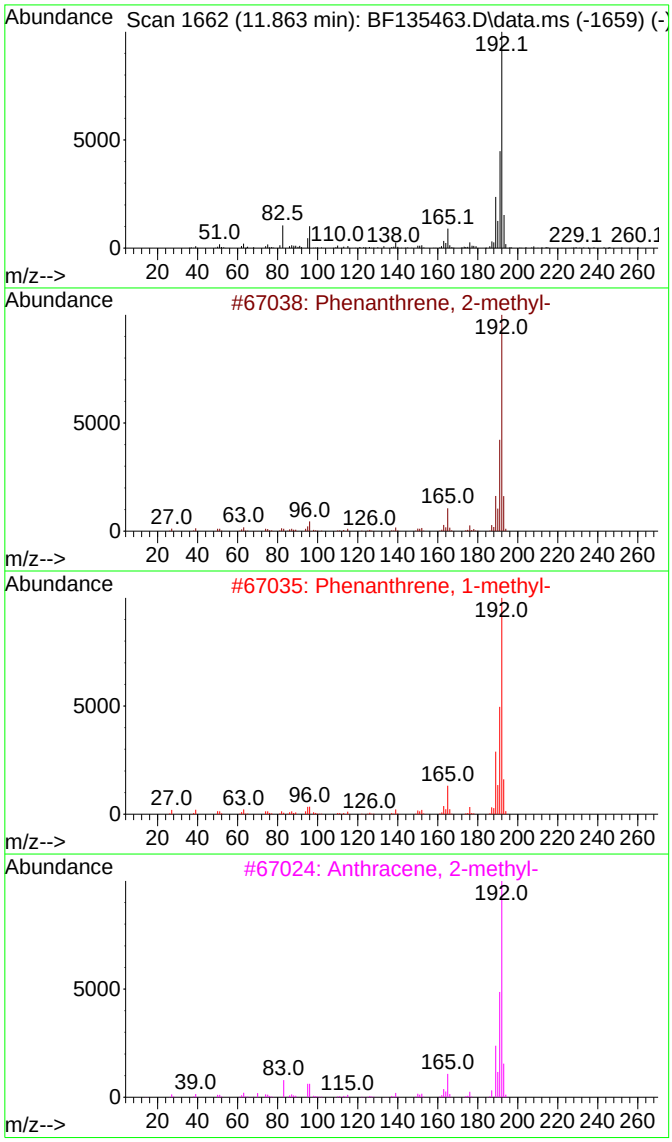
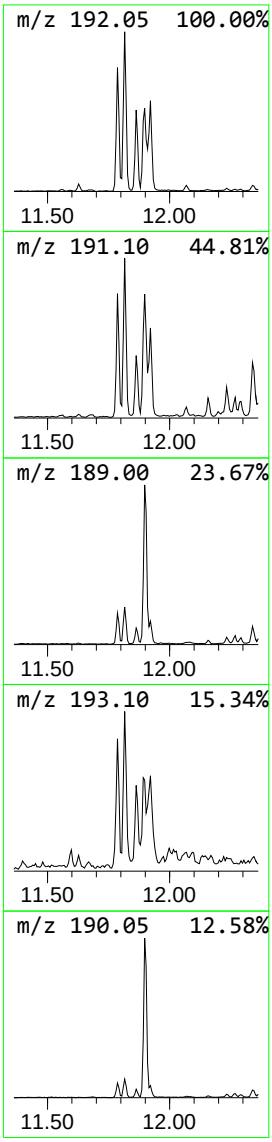
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	3.50 ng	149081	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Acq On : 26 Sep 2023 20:31
Operator : CG\JU
Sample : 04587-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-09222023

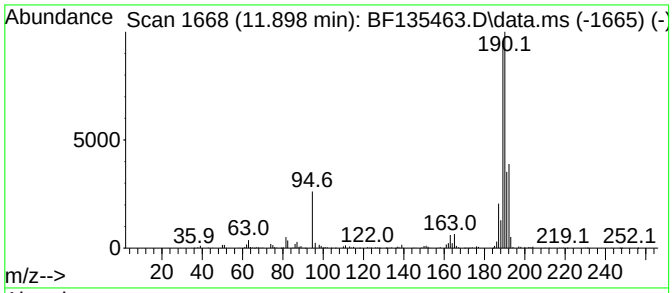
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

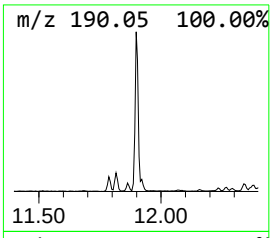
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

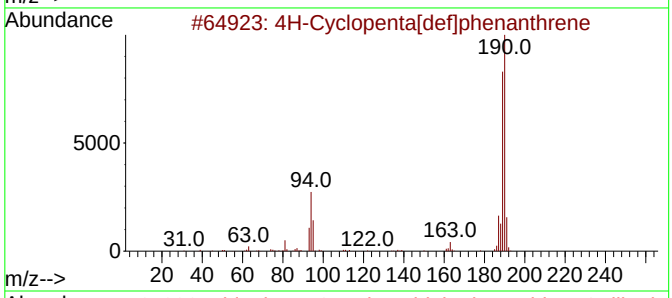
****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

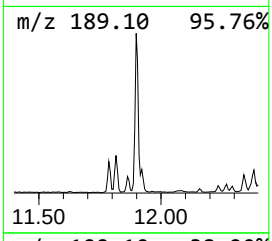
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	14.26 ng	606511	Phenanthrene-d10	11.280

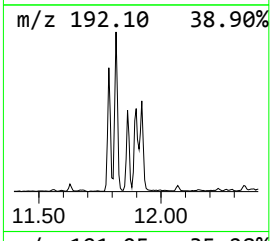
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32
5	Methyl diselenide	190	C2H6Se2	007101-31-7	32

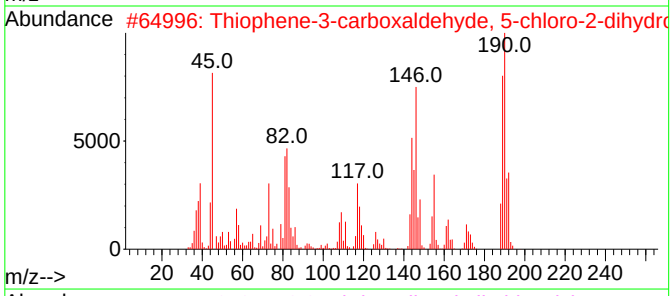


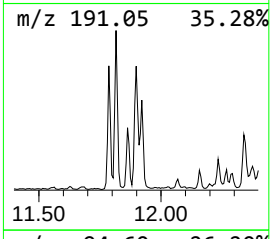


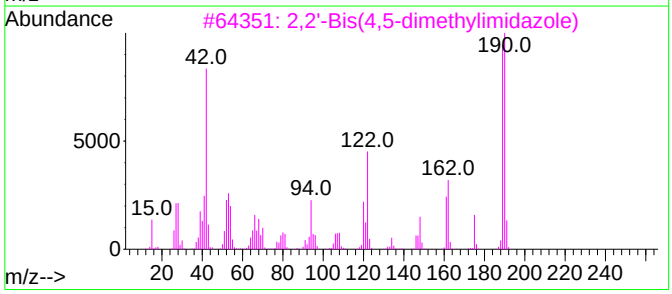


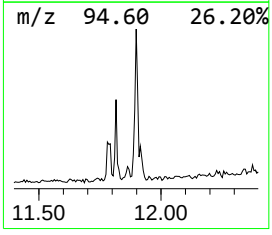












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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-09222023

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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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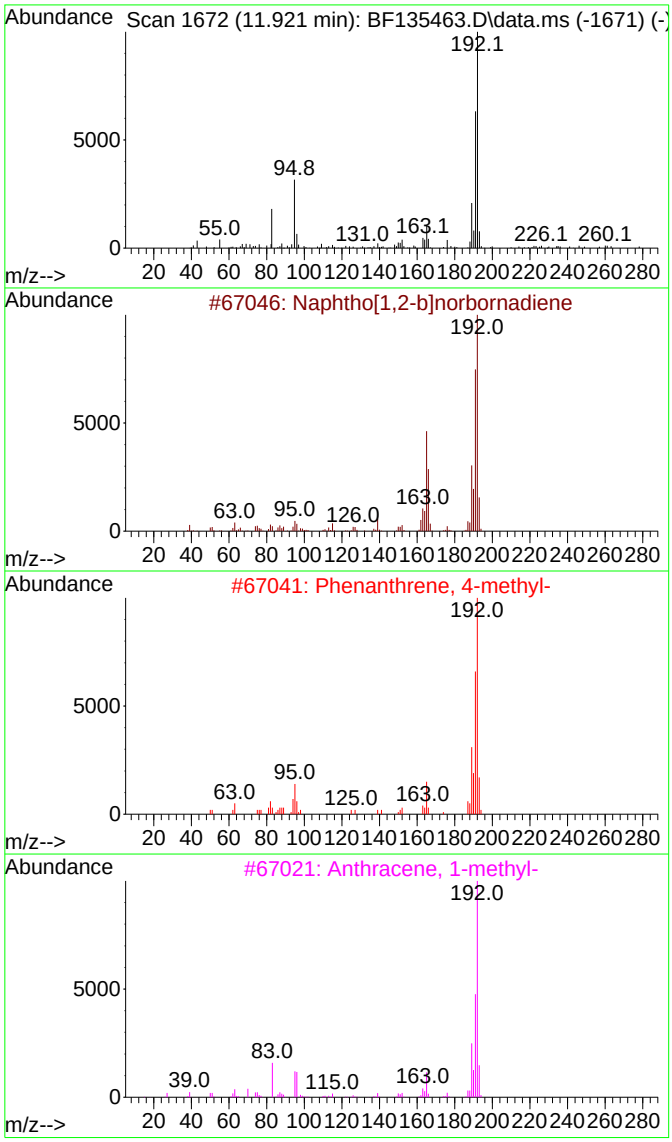
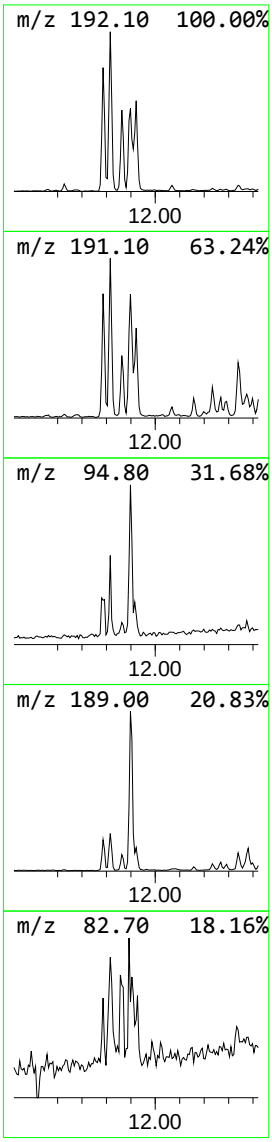
Peak Number 8 Naphtho[1,2-b]norbornadiene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.99 ng	126978	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	72
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	68
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	62





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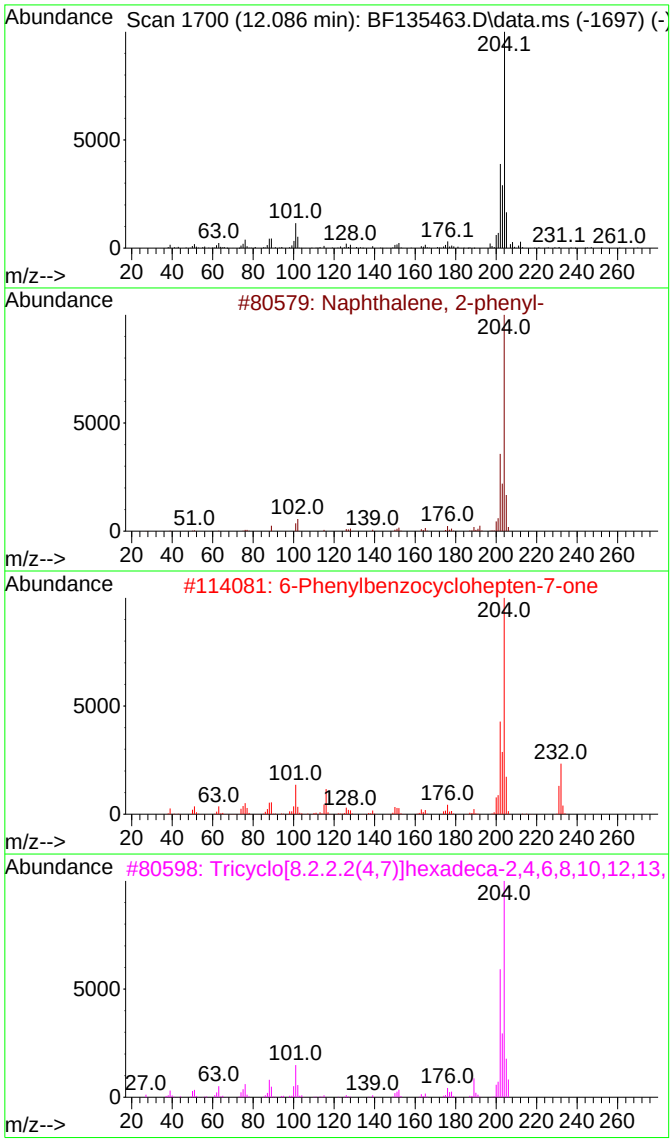
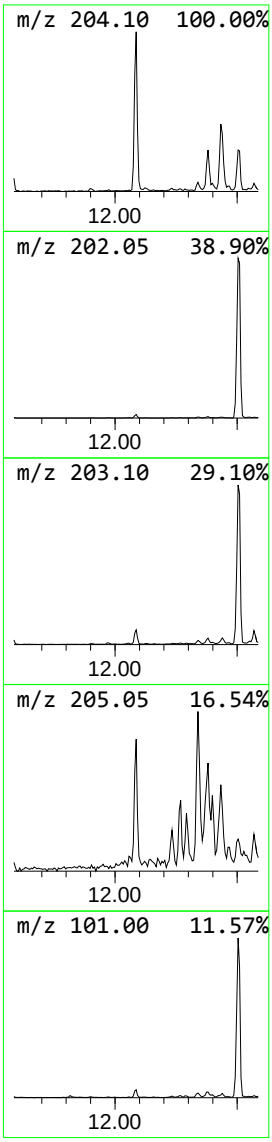
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	3.73 ng	158750	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	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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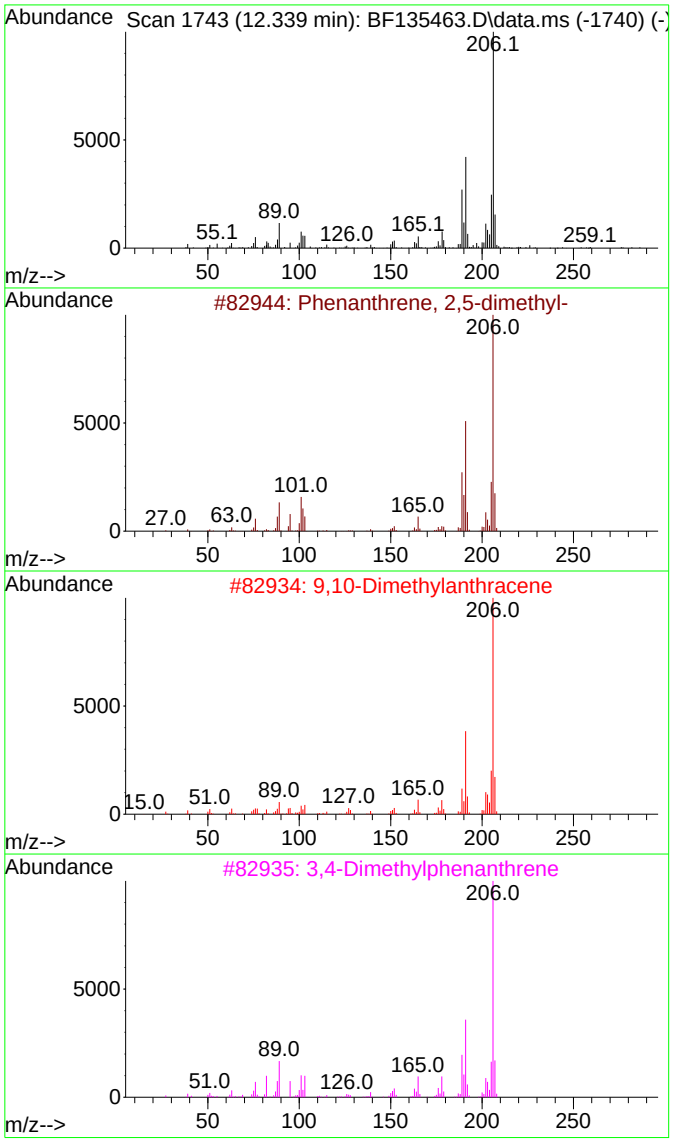
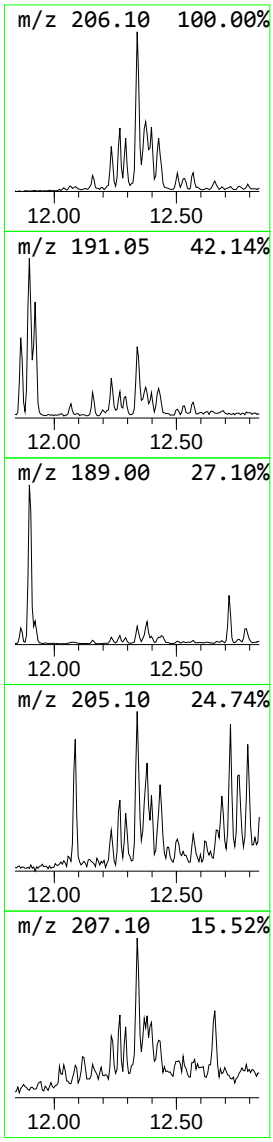
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	4.74 ng	201534	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	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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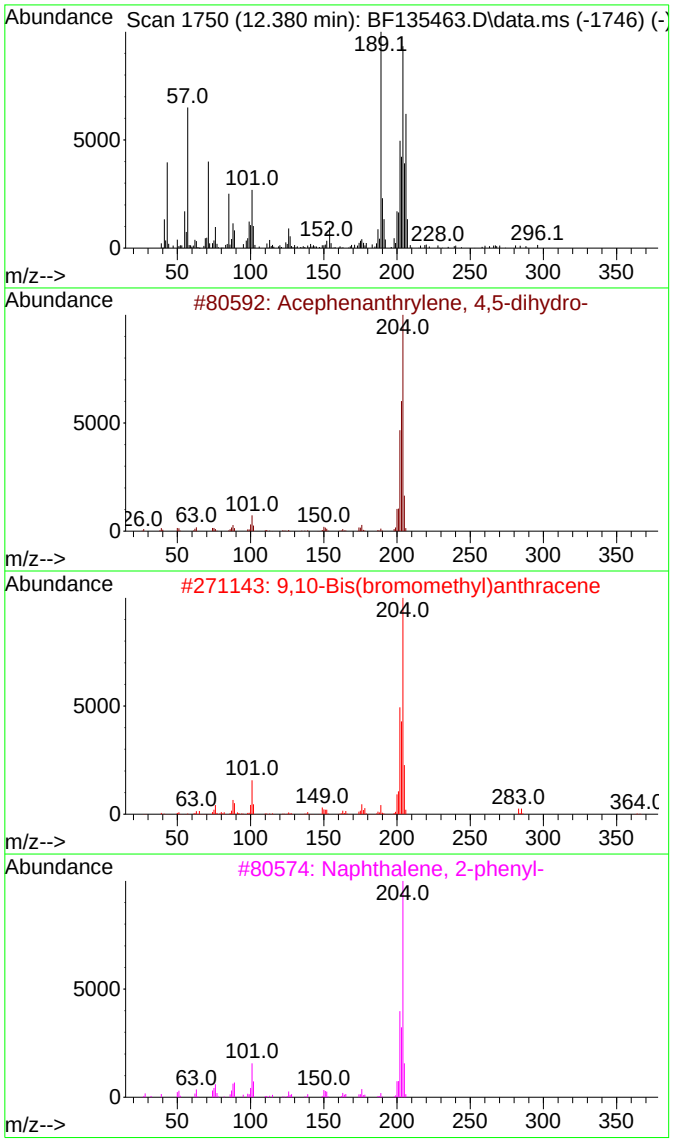
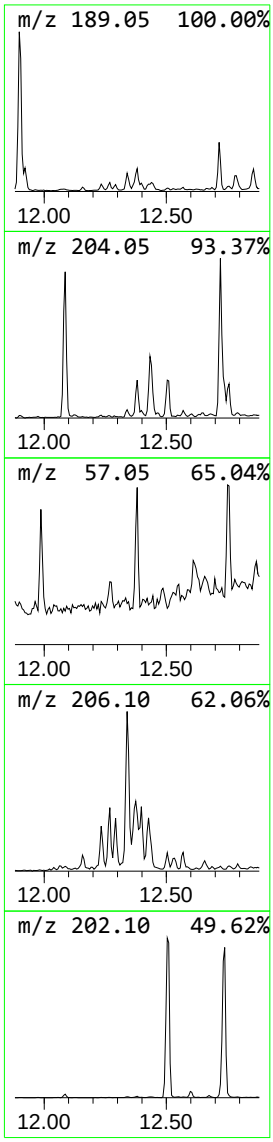
Peak Number 11 unknown12.380 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	3.84 ng	163193	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	25
5	Benzaldehyde, 4-(phenylethynyl)-	206	C15H10O	057341-98-7	25





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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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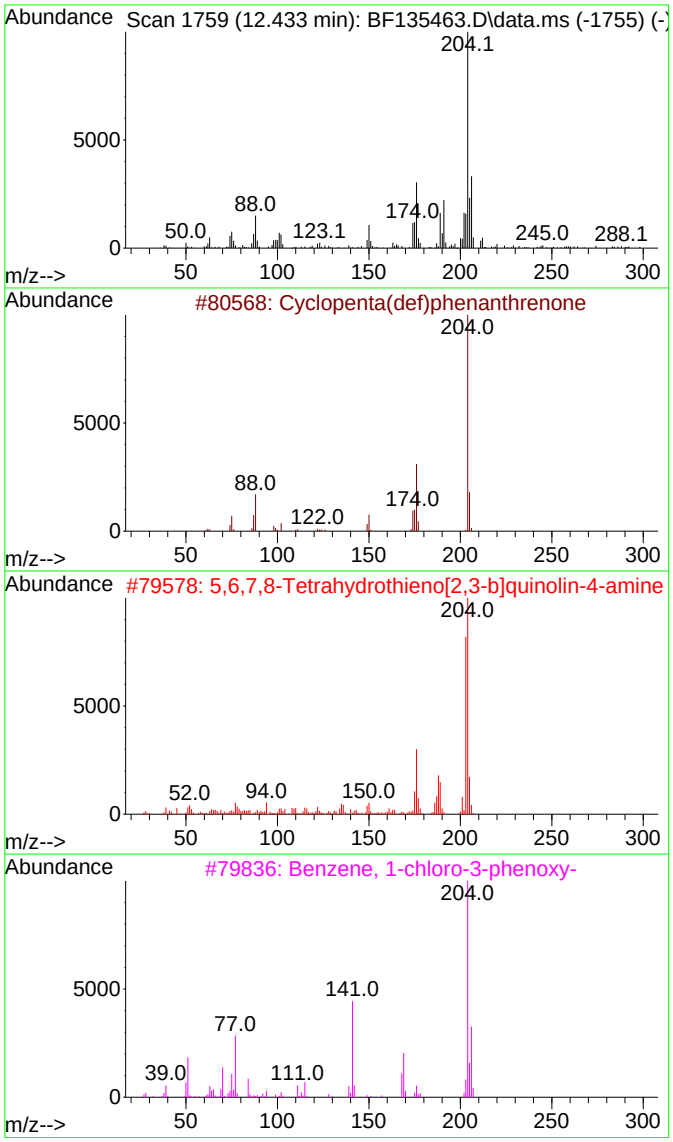
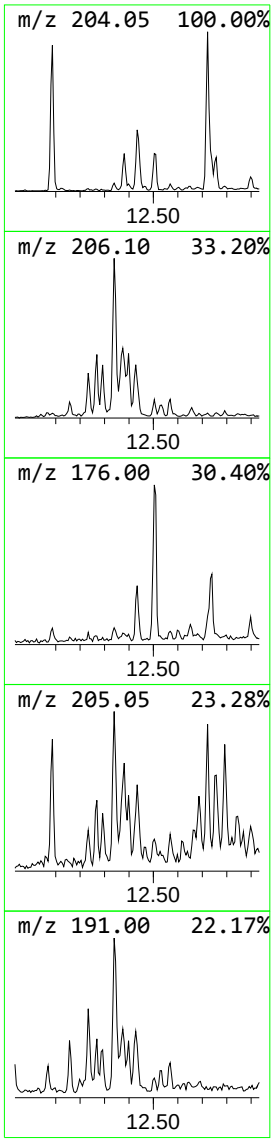
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	3.66 ng	155625	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	58
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	50
4	3-Chloro-[1,1'-biphenyl]-2-yl ac...	246	C14H11ClO2	007460-70-0	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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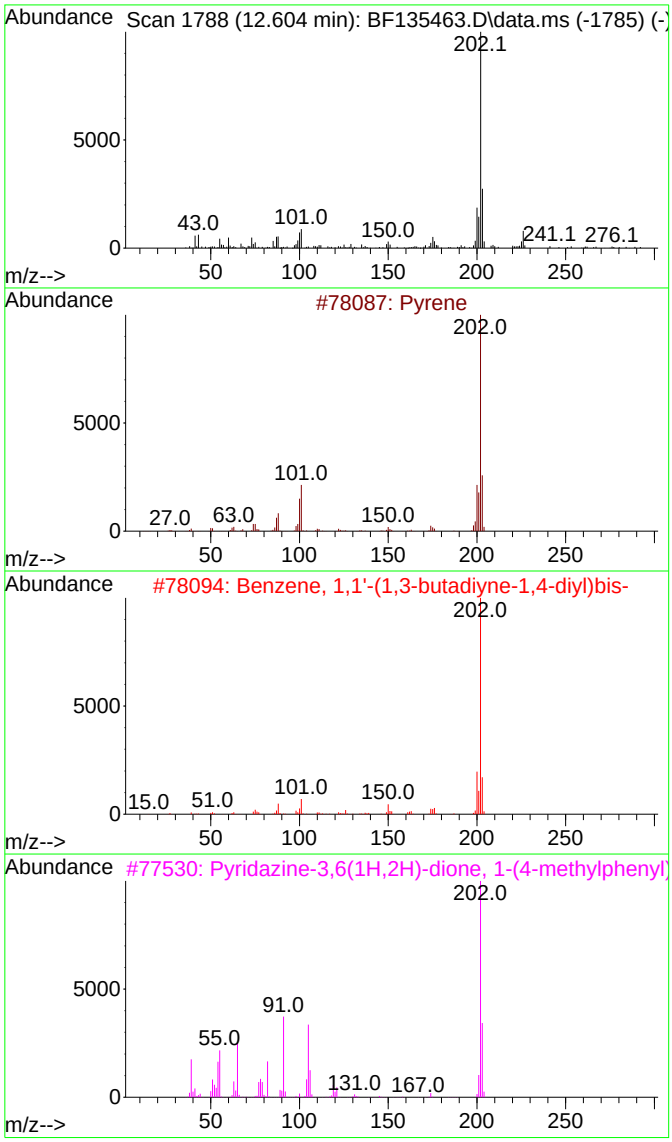
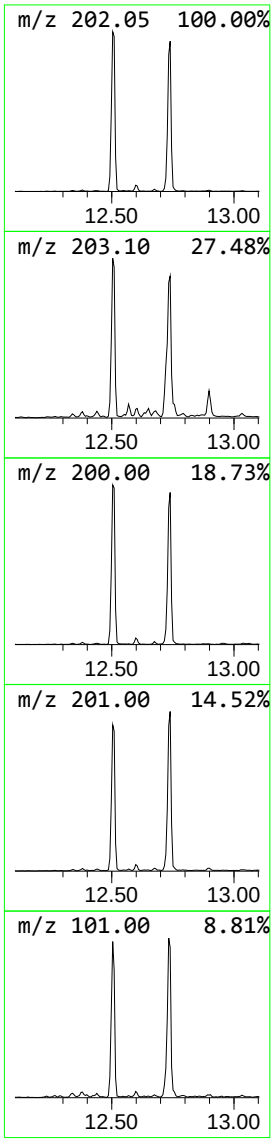
Peak Number 13 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	2.81 ng	119465	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	81
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
3	Pyridazine-3,6(1H,2H)-dione, 1-(...	202	C11H10N2O2	034019-60-8	64
4	Fluoranthene	202	C16H10	000206-44-0	64
5	Anthracene, 9-(2-nitroethenyl)-	249	C16H11NO2	058349-77-2	42





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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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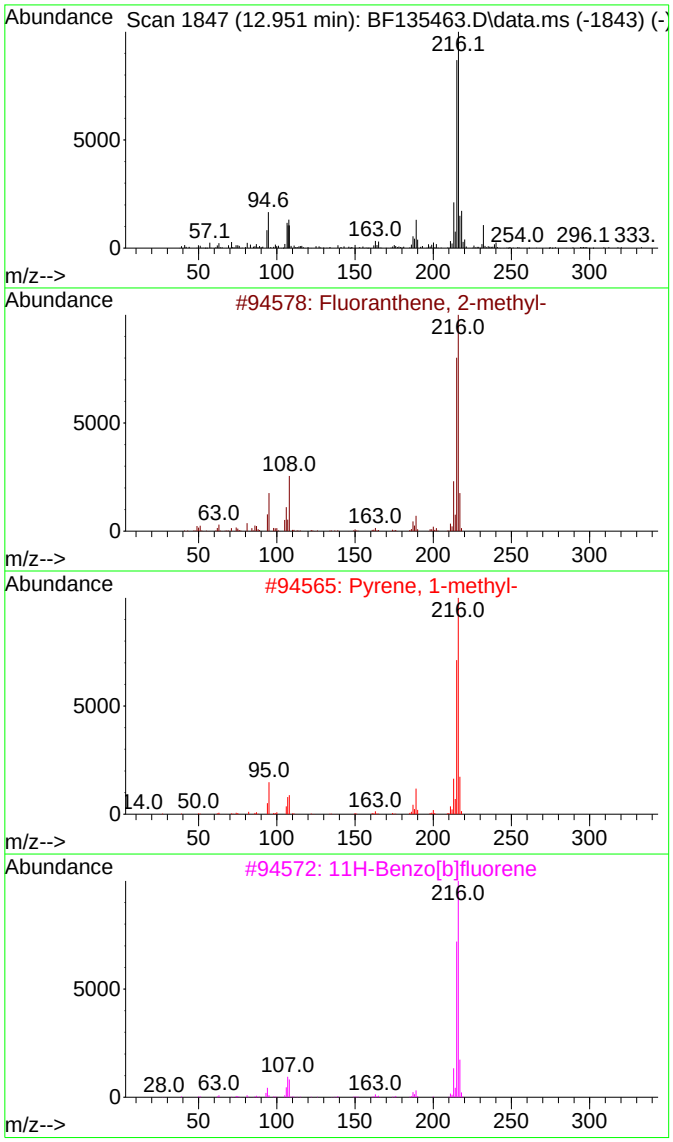
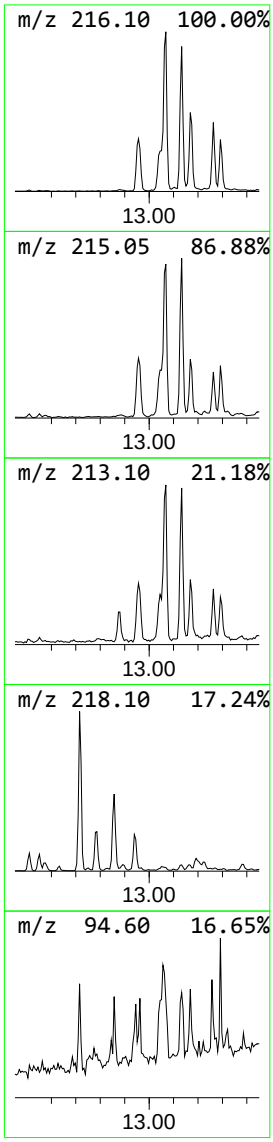
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.951	3.57 ng	330117	Chrysene-d12	13.945

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





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

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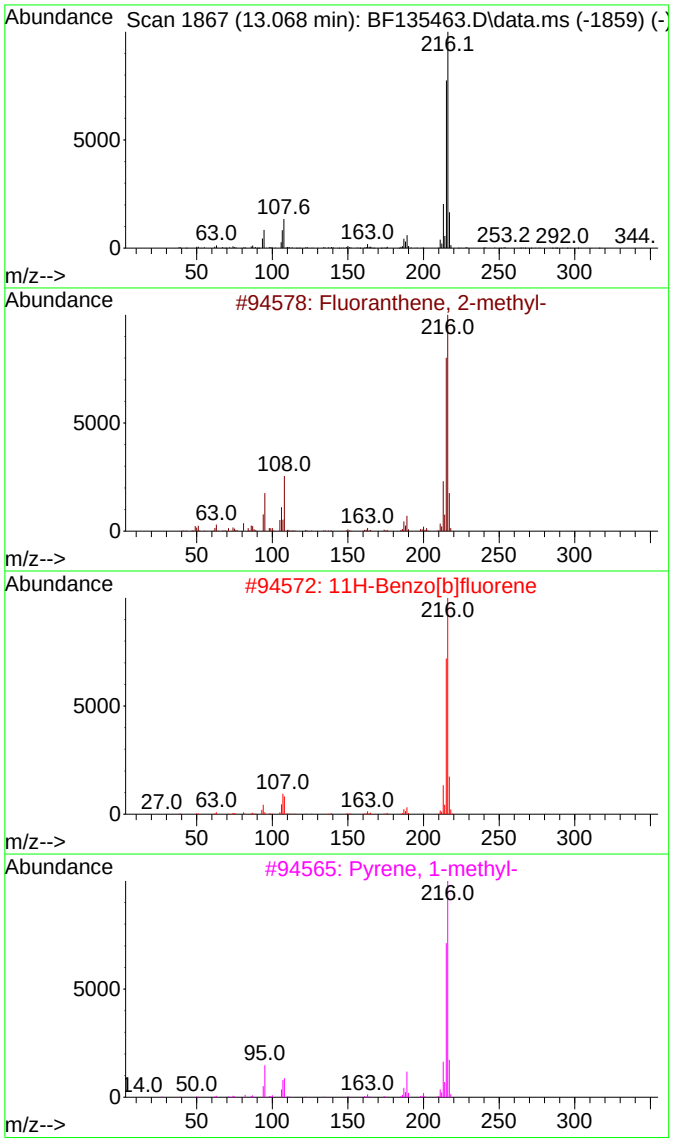
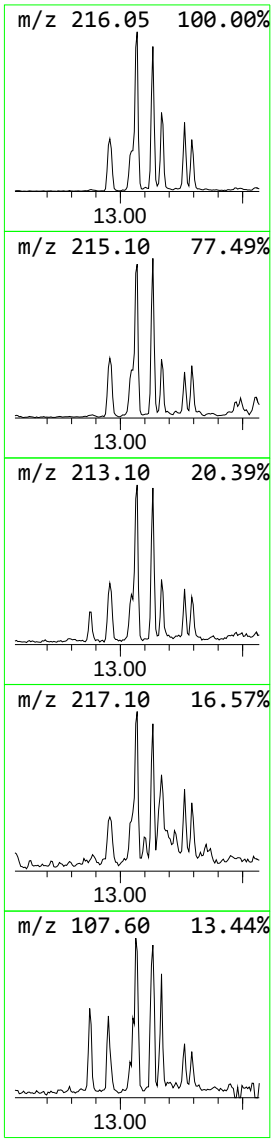
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	7.10 ng	656388	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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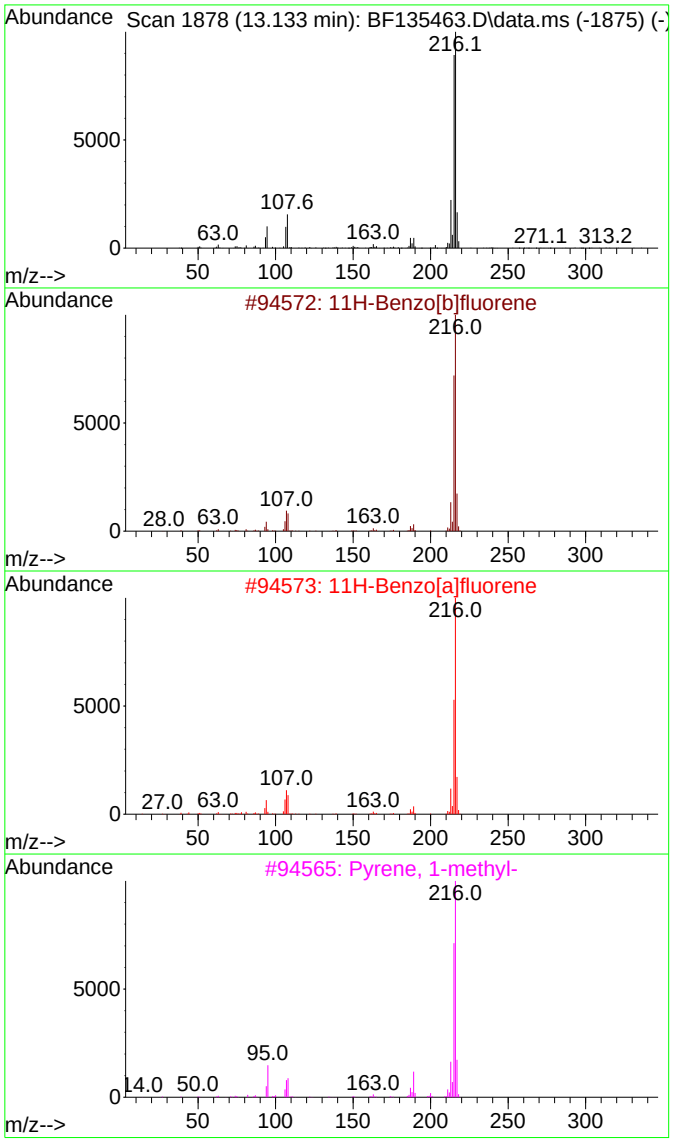
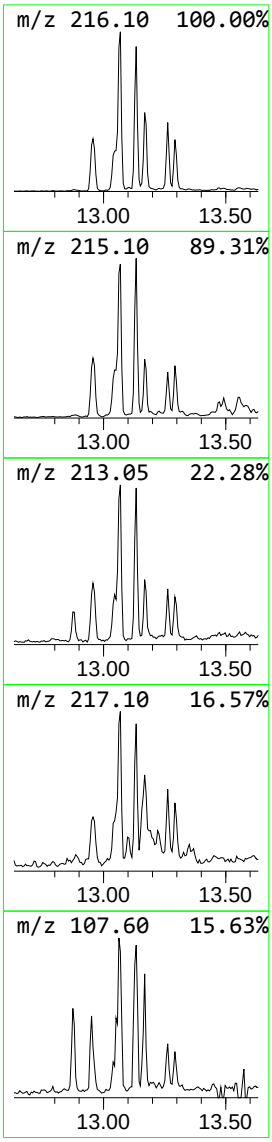
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	3.71 ng	342518	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	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
Data File : BF135463.D
Acq On : 26 Sep 2023 20:31
Operator : CG\JU
Sample : 04587-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-09222023

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

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

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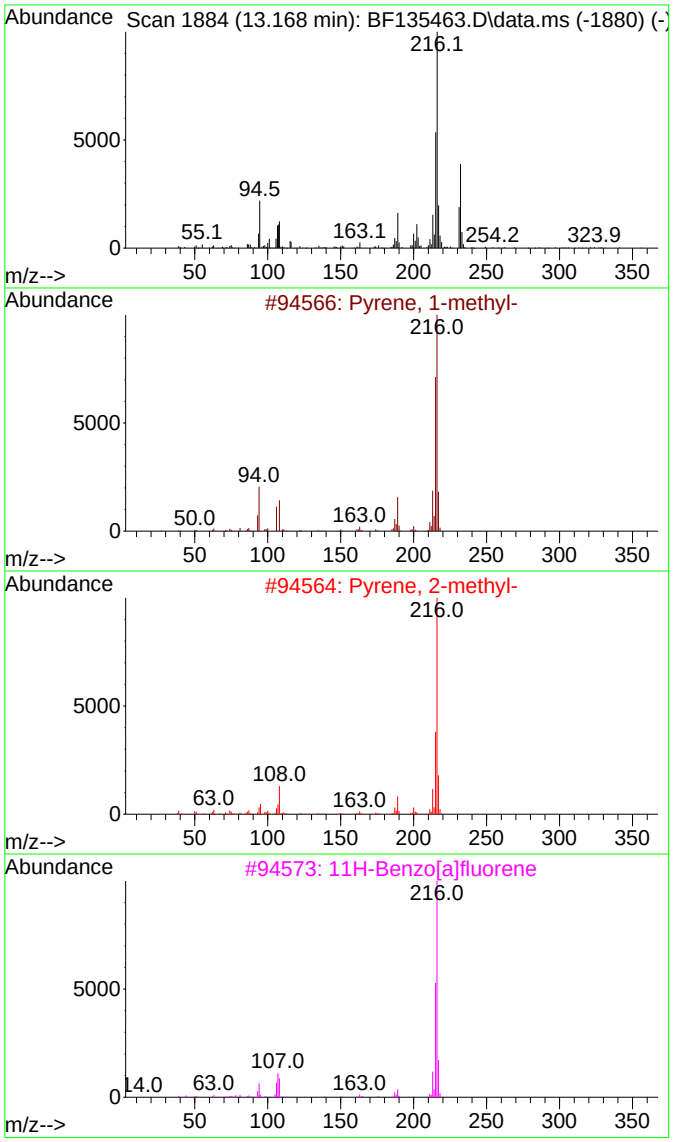
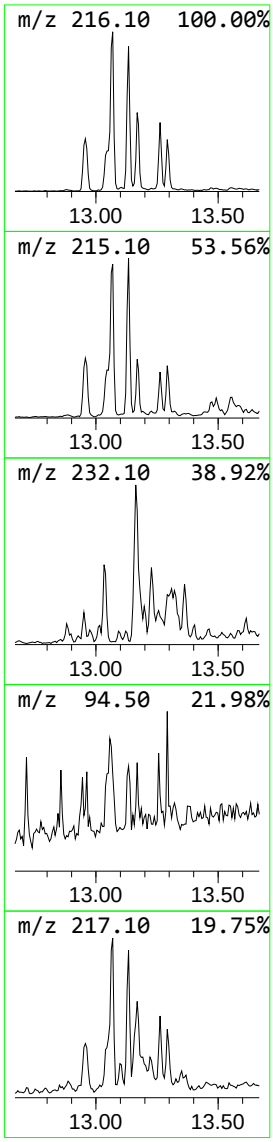
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	3.36 ng	310274	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	92
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
Data File : BF135463.D
Acq On : 26 Sep 2023 20:31
Operator : CG\JU
Sample : 04587-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-09222023

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

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

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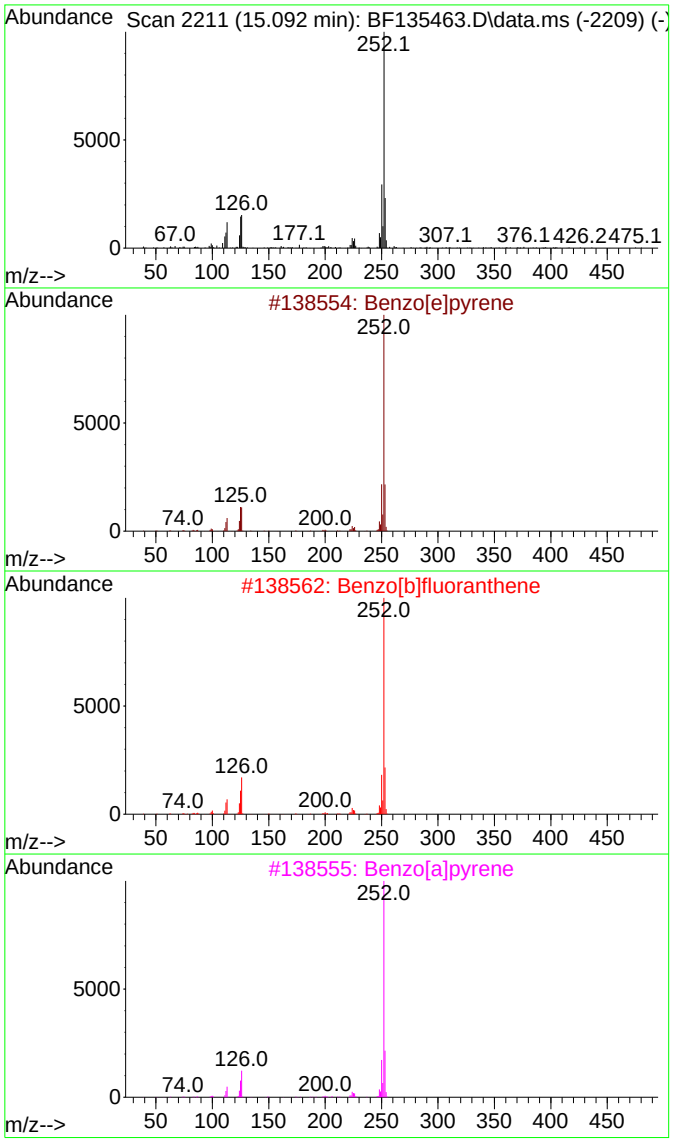
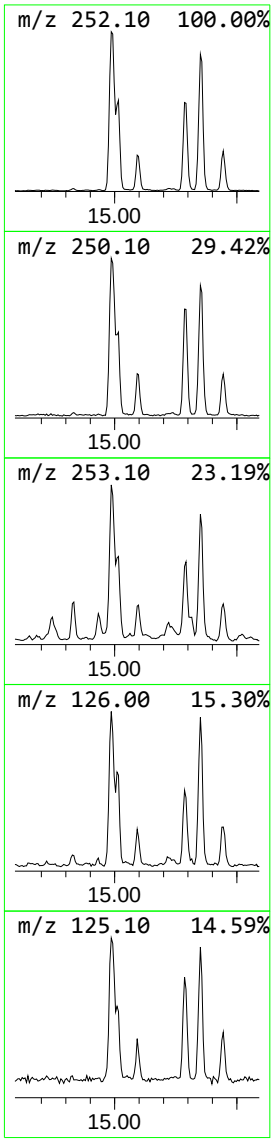
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	8.86 ng	211992	Perylene-d12	15.415

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	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
Data File : BF135463.D
Acq On : 26 Sep 2023 20:31
Operator : CG\JU
Sample : 04587-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-09222023

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

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

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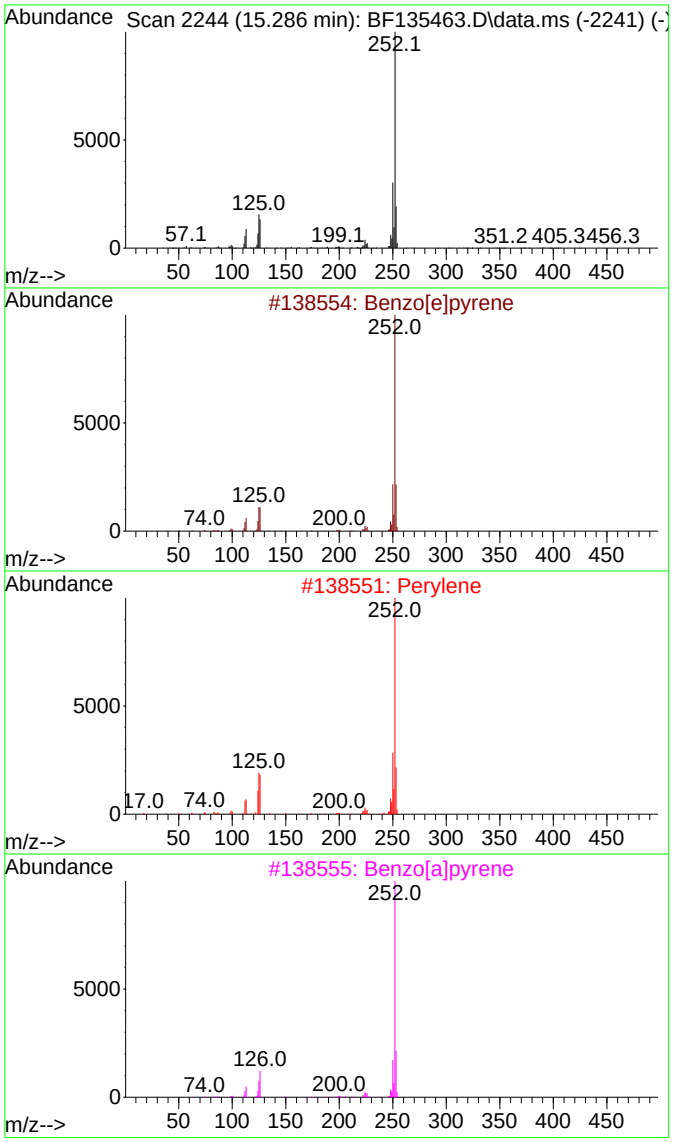
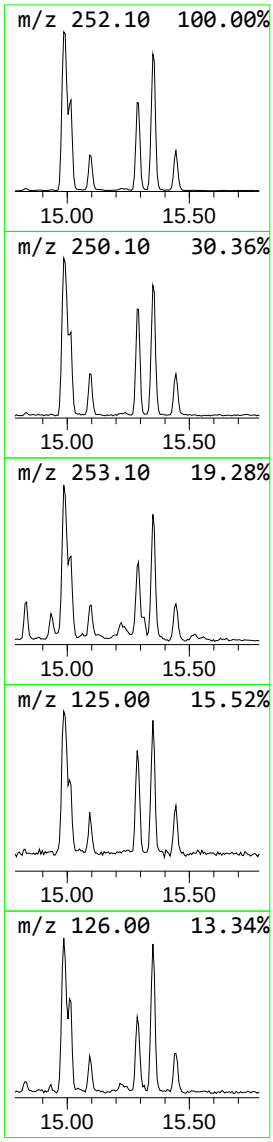
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	21.01 ng	502874	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
Data File : BF135463.D
Acq On : 26 Sep 2023 20:31
Operator : CG\JU
Sample : 04587-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-09222023

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 3,5-dim...	9.586	4.2	ng	185510	3	9.786	884960	20.0
unknown10.710	10.710	2.8	ng	116994	4	11.280	850699	20.0
Dibenzothiophene	11.180	3.4	ng	144490	4	11.280	850699	20.0
Phenanthrene, 2...	11.786	5.5	ng	236263	4	11.280	850699	20.0
Anthracene, 2-m...	11.816	10.6	ng	451848	4	11.280	850699	20.0
Phenanthrene, 1...	11.863	3.5	ng	149081	4	11.280	850699	20.0
4H-Cyclopenta[d...	11.898	14.3	ng	606511	4	11.280	850699	20.0
Naphtho[1,2-b]n...	11.922	3.0	ng	126978	4	11.280	850699	20.0
Naphthalene, 2-...	12.086	3.7	ng	158750	4	11.280	850699	20.0
Phenanthrene, 2...	12.339	4.7	ng	201534	4	11.280	850699	20.0
unknown12.380	12.380	3.8	ng	163193	4	11.280	850699	20.0
Cyclopenta(def)...	12.433	3.7	ng	155625	4	11.280	850699	20.0
Benzene, 1,1'-(...	12.604	2.8	ng	119465	4	11.280	850699	20.0
Fluoranthene, 2...	12.951	3.6	ng	330117	5	13.945	1848200	20.0
11H-Benzo[b]flu...	13.069	7.1	ng	656388	5	13.945	1848200	20.0
11H-Benzo[a]flu...	13.133	3.7	ng	342518	5	13.945	1848200	20.0
Pyrene, 1-methyl-	13.169	3.4	ng	310274	5	13.945	1848200	20.0
Benzo[e]pyrene	15.092	8.9	ng	211992	6	15.415	478588	20.0
Perylene	15.286	21.0	ng	502874	6	15.415	478588	20.0