LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133043.D
Acq On : 25 Apr 2023 23:31
Operator : CG\JU
Sample : 02270-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-0-2-20230412

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133043.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.928	479	483	490	rVB	102899	121656	2.96%	0.199%
2	5.351	550	555	558	rBV	3101456	3063350	74.46%	5.007%
3	6.375	724	729	732	rBV	3478039	3296611	80.12%	5.388%
4	6.739	787	791	794	rBV	1472731	1124349	27.33%	1.838%
5	7.304	882	887	890	rBV	2381274	2147267	52.19%	3.509%
6	8.022	1006	1009	1012	rBV	1898389	1510588	36.72%	2.469%
7	8.045	1012	1013	1016	rVB	145026	63770	1.55%	0.104%
8	8.833	1143	1147	1150	rBV	80247	62123	1.51%	0.102%
9	9.098	1188	1192	1195	rBV	4785099	3934789	95.64%	6.431%
10	9.433	1245	1249	1251	rBV	81537	71027	1.73%	0.116%
11	9.633	1278	1283	1286	rBV	94150	79477	1.93%	0.130%
12	9.775	1301	1307	1310	rBV	2264267	1744410	42.40%	2.851%
13	9.804	1310	1312	1316	rVB	437481	318200	7.73%	0.520%
14	9.975	1338	1341	1345	rVB	200914	163099	3.96%	0.267%
15	10.316	1396	1399	1405	rVB	257513	229508	5.58%	0.375%
16	10.386	1405	1411	1412	rBV	63769	82641	2.01%	0.135%
17	10.486	1424	1428	1432	rVB2	206563	236345	5.74%	0.386%
18	10.557	1436	1440	1444	rVV	2380835	2310660	56.16%	3.776%
19	10.863	1486	1492	1495	rBV3	73127	126996	3.09%	0.208%
20	10.998	1509	1515	1516	rBV2	63067	80640	1.96%	0.132%
21	11.057	1522	1525	1530	rVB	230955	198022	4.81%	0.324%
22	11.116	1530	1535	1537	rBV2	100333	138873	3.38%	0.227%
23	11.151	1537	1541	1544	rVB	208936	170735	4.15%	0.279%
24	11.257	1555	1559	1561	rBV	2031748	1836879	44.65%	3.002%
25	11.280	1561	1563	1566	rVV	3884021	3176279	77.20%	5.191%
26	11.327	1566	1571	1574	rVV	788995	715283	17.39%	1.169%
27	11.363	1574	1577	1580	rVB3	63358	57791	1.40%	0.094%
28	11.486	1595	1598	1600	rVB	290812	243594	5.92%	0.398%
29	11.551	1606	1609	1612	rBV2	95716	90572	2.20%	0.148%
30	11.586	1612	1615	1620	rVB3	86227	79815	1.94%	0.130%
31	11.757	1638	1644	1646	rBV	519847	426698	10.37%	0.697%
32	11.786	1646	1649	1653	rVV	672695	654978	15.92%	1.070%
33	11.833	1653	1657	1659	rVV	198756	193616	4.71%	0.316%
34	11.869	1659	1663	1665	rVV	666578	667193	16.22%	1.090%
35	11.892	1665	1667	1670	rVB	323087	245548	5.97%	0.401%
36	12.051	1691	1694	1696	rBV	375885	352896	8.58%	0.577%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-15-0-2-20230412

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.069	1696	1697	1701	rVB	451191	361671	8.79%	0.591%
38	12.204	1714	1720	1722	rBV	122002	128502	3.12%	0.210%
39	12.257	1727	1729	1731	rVB	85708	61763	1.50%	0.101%
40	12.304	1733	1737	1740	rBV	209782	227491	5.53%	0.372%
41	12.345	1740	1744	1746	rVV2	107683	127497	3.10%	0.208%
42	12.386	1749	1751	1757	rVB2	231752	249689	6.07%	0.408%
43	12.468	1761	1765	1768	rVV	4283089	3858582	93.78%	6.306%
44	12.527	1768	1775	1778	rVV3	60449	80038	1.95%	0.131%
45	12.598	1782	1787	1788	rBV4	108325	135935	3.30%	0.222%
46	12.616	1788	1790	1794	rVB	160053	144988	3.52%	0.237%
47	12.698	1798	1804	1807	rBV2	3856367	4114359	100.00%	6.724%
48	12.739	1809	1811	1817	rVB2	170942	220294	5.35%	0.360%
49	12.810	1820	1823	1825	rBV	232010	219065	5.32%	0.358%
50	12.845	1825	1829	1832	rVB	4560964	3923393	95.36%	6.412%
51	12.916	1835	1841	1844	rBV2	240988	411339	10.00%	0.672%
52	12.998	1852	1855	1856	rBV2	182918	159034	3.87%	0.260%
53	13.021	1856	1859	1862	rVB	407428	390305	9.49%	0.638%
54	13.086	1868	1870	1873	rBV	202893	178860	4.35%	0.292%
55	13.127	1873	1877	1879	rBV2	376528	383013	9.31%	0.626%
56	13.151	1879	1881	1884	rVB	112597	97342	2.37%	0.159%
57	13.180	1884	1886	1889	rBV	73121	66227	1.61%	0.108%
58	13.215	1889	1892	1895	rVB	174567	148007	3.60%	0.242%
59	13.245	1895	1897	1901	rBV2	181773	188516	4.58%	0.308%
60	13.321	1907	1910	1920	rVB6	85886	141743	3.45%	0.232%
61	13.427	1920	1928	1930	rBV6	102716	198313	4.82%	0.324%
62	13.521	1941	1944	1950	rVB	245294	275283	6.69%	0.450%
63	13.639	1959	1964	1967	rBV2	221995	303157	7.37%	0.495%
64	13.668	1967	1969	1971	rVV	276098	221132	5.37%	0.361%
65	13.692	1971	1973	1977	rVV2	175743	214290	5.21%	0.350%
66	13.733	1977	1980	1983	rVB2	231331	205649	5.00%	0.336%
67	13.810	1987	1993	1999	rBV2	75143	179914	4.37%	0.294%
68	13.886	1999	2006	2009	rBV2	1866041	2839706	69.02%	4.641%
69	13.915	2009	2011	2014	rVB	1362633	1040491	25.29%	1.701%
70	13.992	2021	2024	2027	rVB	179646	164053	3.99%	0.268%
71	14.074	2036	2038	2041	rVB2	105330	88706	2.16%	0.145%
72	14.115	2041	2045	2048	rVB2	88691	122990	2.99%	0.201%
73	14.210	2057	2061	2064	rBV3	53099	62625	1.52%	0.102%
74	14.239	2064	2066	2068	rVV	67614	64765	1.57%	0.106%
75	14.274	2068	2072	2075	rVV	246895	270191	6.57%	0.442%
76	14.310	2075	2078	2082	rVV2	170106	193214	4.70%	0.316%

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

77	14.368	2082	2088	2091	rVV4	138238	254803	6.19%	0.416%
78	14.398	2091	2093	2095	rVV2	145773	151344	3.68%	0.247%
79	14.421	2095	2097	2100	rVV3	106117	128476	3.12%	0.210%
80	14.474	2104	2106	2110	rVB2	76666	76733	1.87%	0.125%
81	14.574	2120	2123	2126	rBV2	81894	94289	2.29%	0.154%
82	14.739	2147	2151	2152	rBV2	66801	84102	2.04%	0.137%
83	14.815	2161	2164	2168	rBV5	112491	119157	2.90%	0.195%
84	14.909	2175	2180	2183	rBV	963328	1559637	37.91%	2.549%
85	15.009	2194	2197	2202	rVB	195777	196372	4.77%	0.321%
86	15.115	2208	2215	2217	rBV3	57579	121526	2.95%	0.199%
87	15.151	2218	2221	2223	rVV2	75057	96980	2.36%	0.158%
88	15.192	2223	2228	2234	rVV	598517	789371	19.19%	1.290%
89	15.251	2234	2238	2244	rVB	915097	1047391	25.46%	1.712%
90	15.315	2244	2249	2251	rBV	909842	1120827	27.24%	1.832%
91	15.339	2251	2253	2260	rVB2	271313	341126	8.29%	0.558%
92	15.468	2270	2275	2281	rBV5	41373	108155	2.63%	0.177%
93	15.774	2322	2327	2331	rVV3	36962	80160	1.95%	0.131%
94	16.274	2407	2412	2416	rBV4	38063	72124	1.75%	0.118%
95	16.533	2447	2456	2463	rBV4	107798	279819	6.80%	0.457%
96	16.686	2476	2482	2491	rVB2	453693	853583	20.75%	1.395%
97	16.856	2505	2511	2515	rBV2	75511	138515	3.37%	0.226%
98	16.909	2515	2520	2525	rBV2	76555	132978	3.23%	0.217%
99	17.098	2546	2552	2564	rVB	366722	711003	17.28%	1.162%
100	17.315	2583	2589	2594	rBV	83378	149535	3.63%	0.244%

Sum of corrected areas: 61186416

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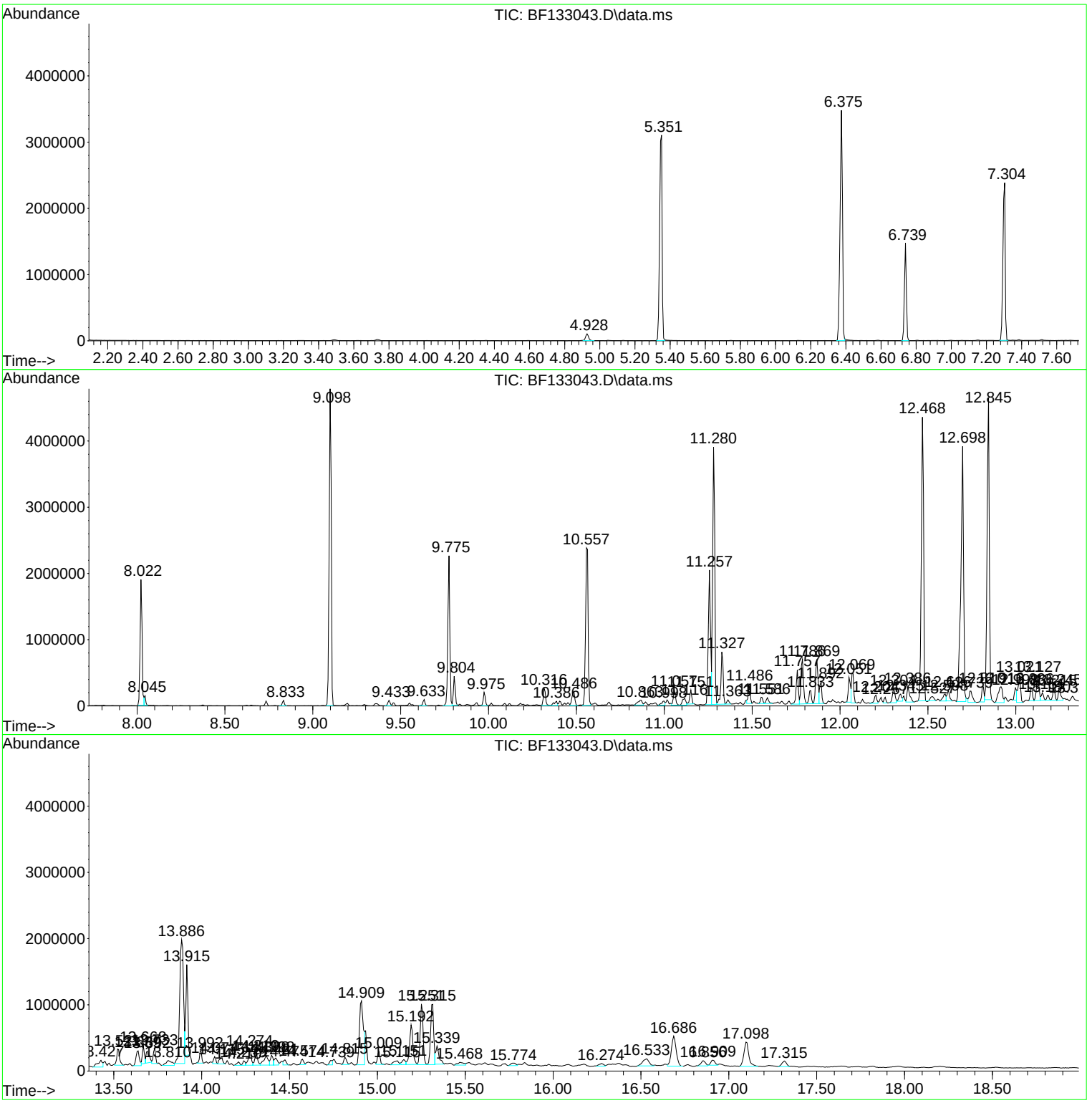
Instrument :
BNA_F
ClientSampleId :
SB-15-0-2-20230412

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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\BF042523\
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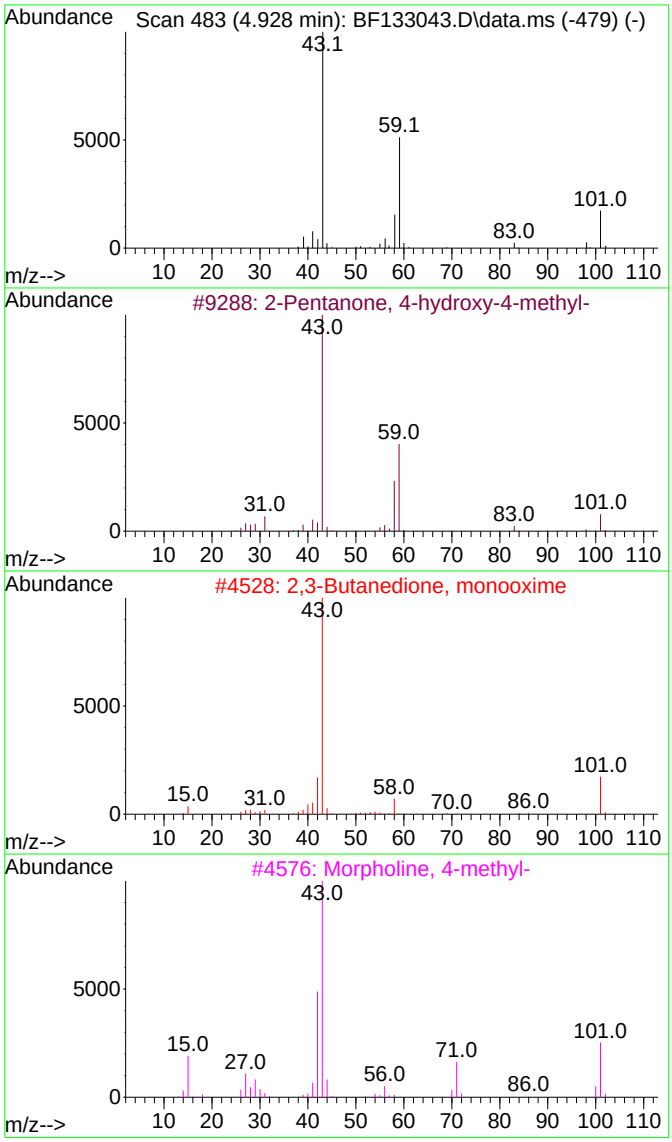
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

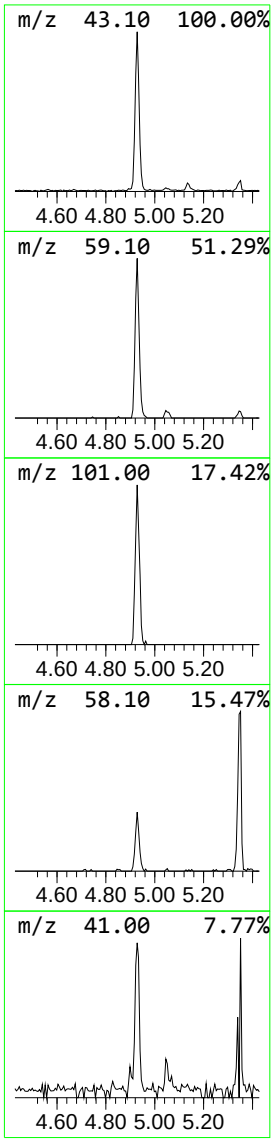
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.928	2.16 ng	121656	1,4-Dichlorobenzene-d4	6.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

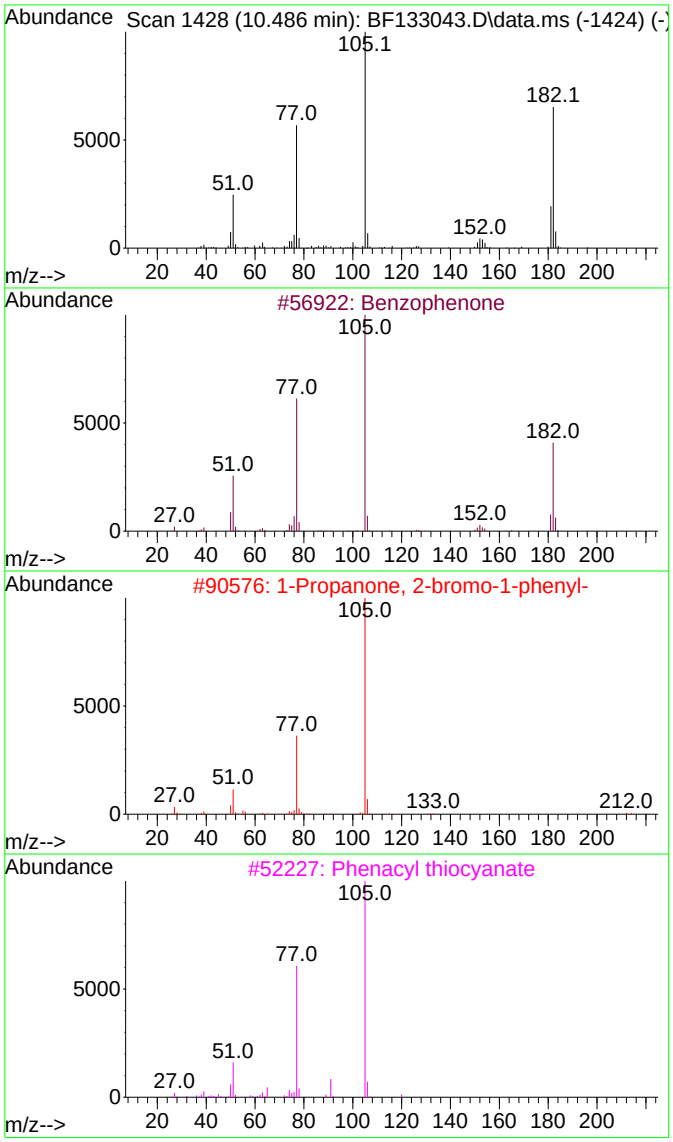
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

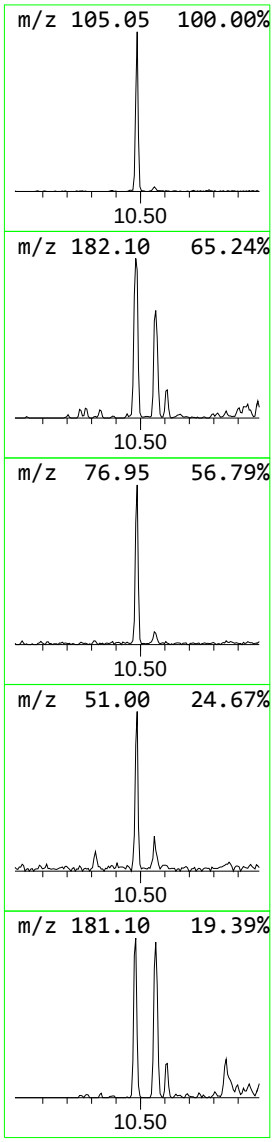
****

Peak Number 2 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	2.71 ng	236345	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	38
3	Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	38
4	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	38
5	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	38





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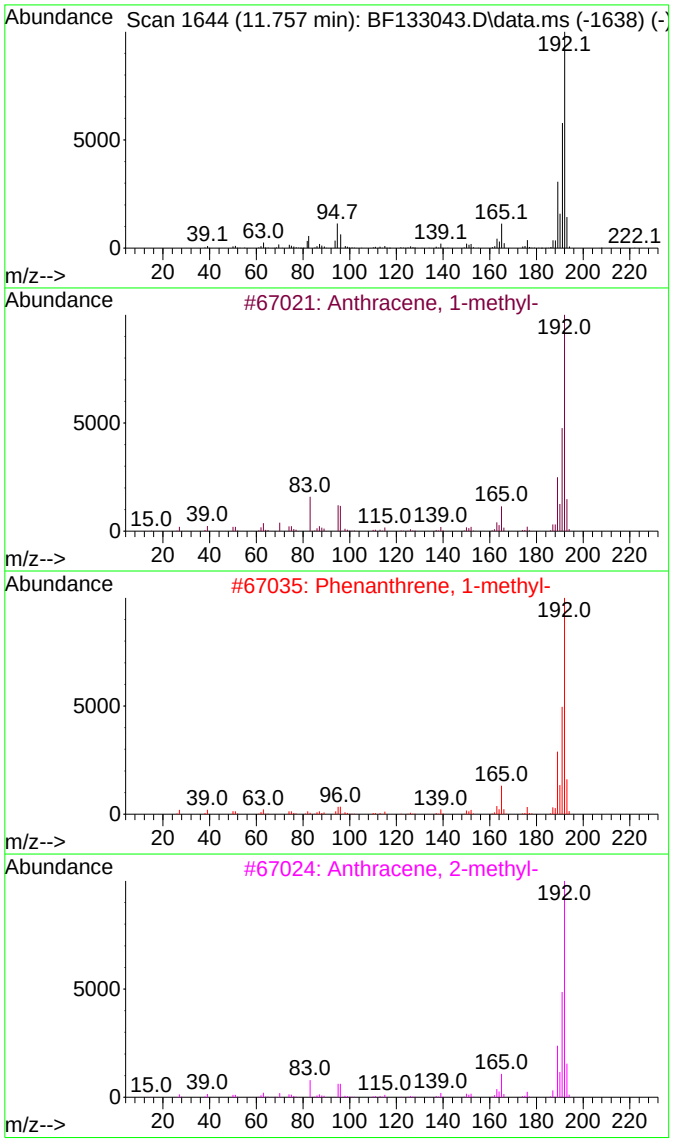
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

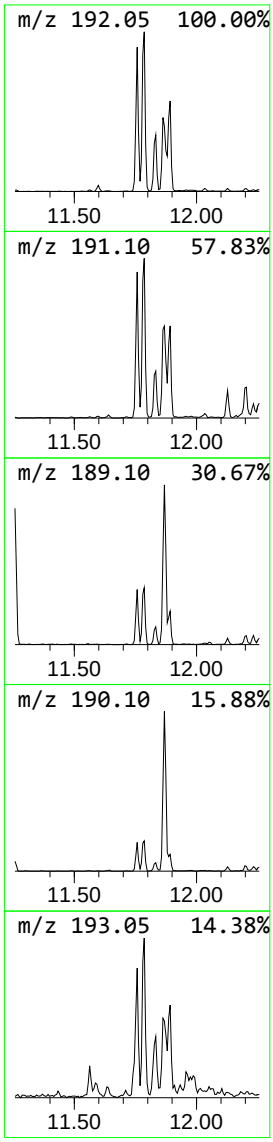
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	4.65 ng	426698	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Instrument :
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SB-15-0-2-20230412

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

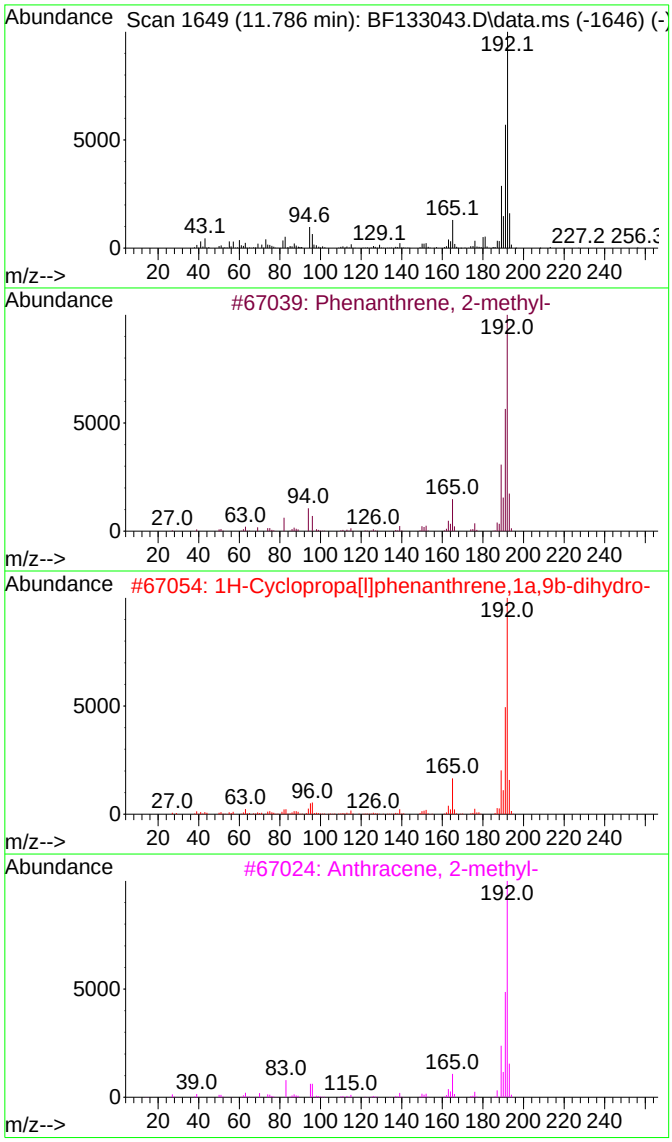
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

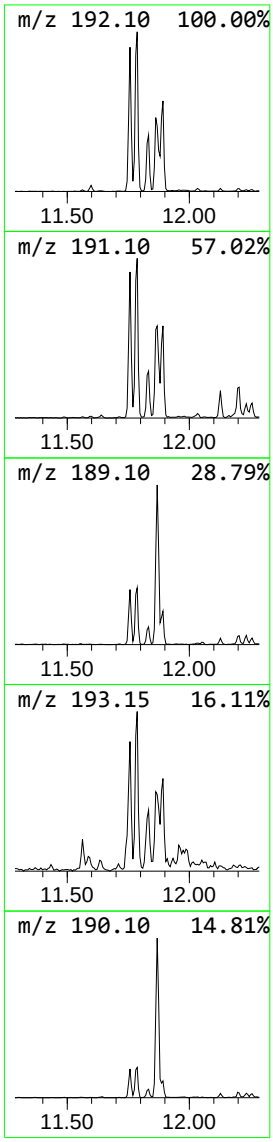
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	7.13 ng	654978	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133043.D
Acq On : 25 Apr 2023 23:31
Operator : CG\JU
Sample : 02270-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

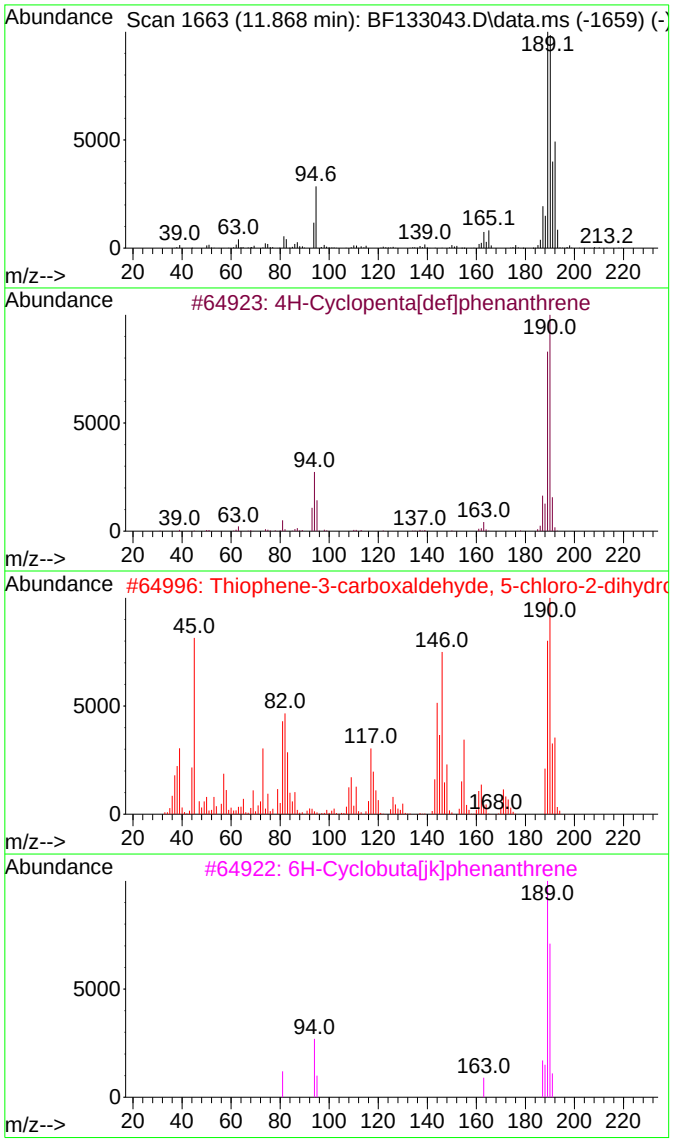
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

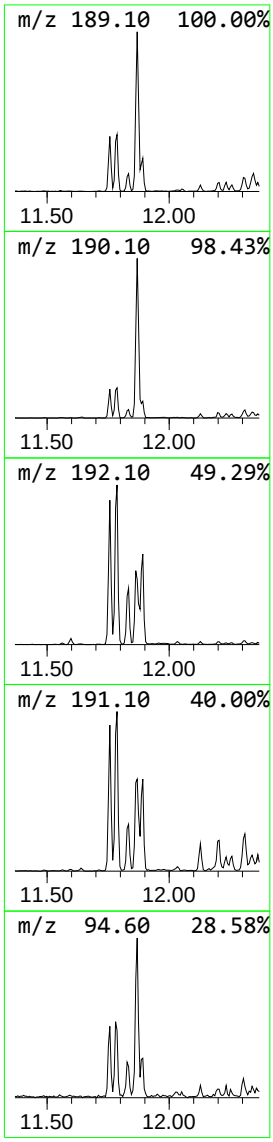
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	7.26 ng	667193	Phenanthrene-d10	11.257

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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
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	32





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Operator : CG\JU
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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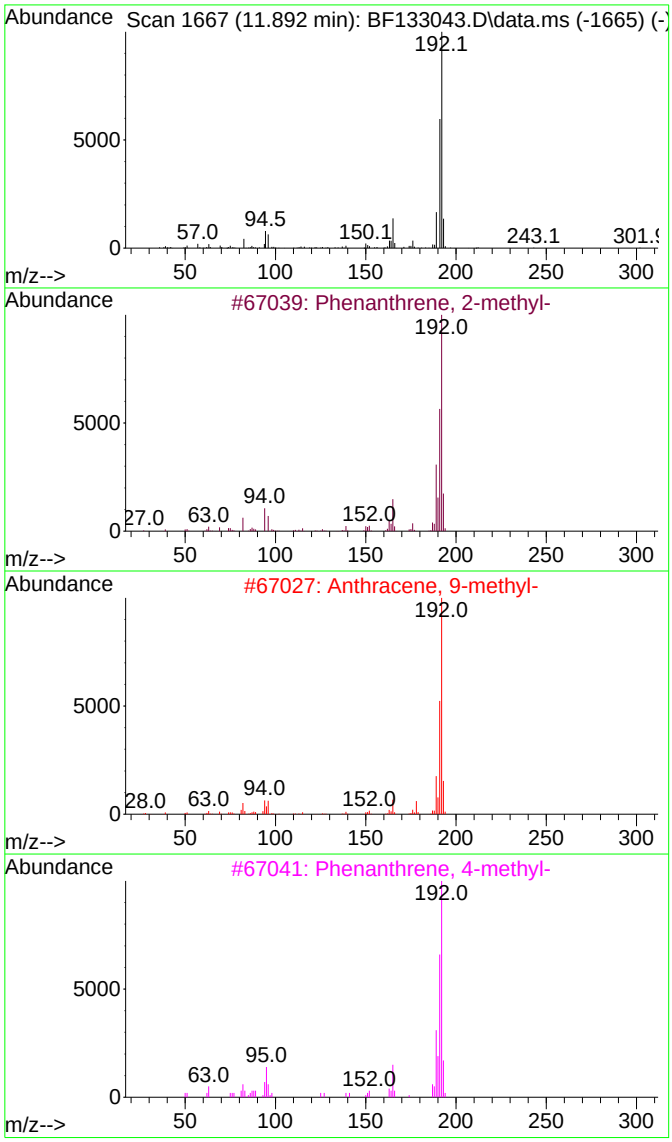
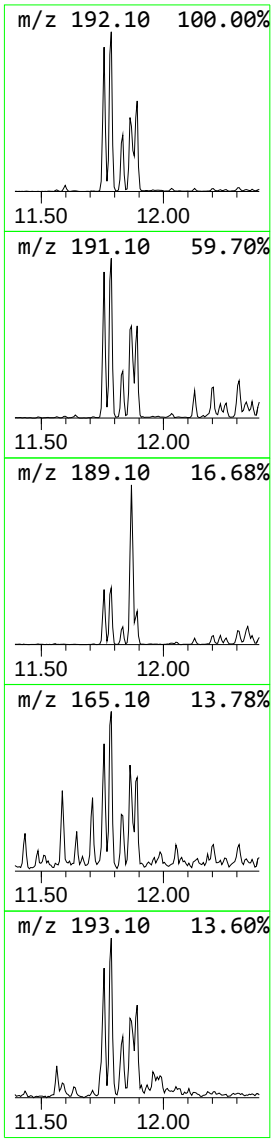
Peak Number 6 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.67 ng	245548	Phenanthrene-d10	11.257

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	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





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

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

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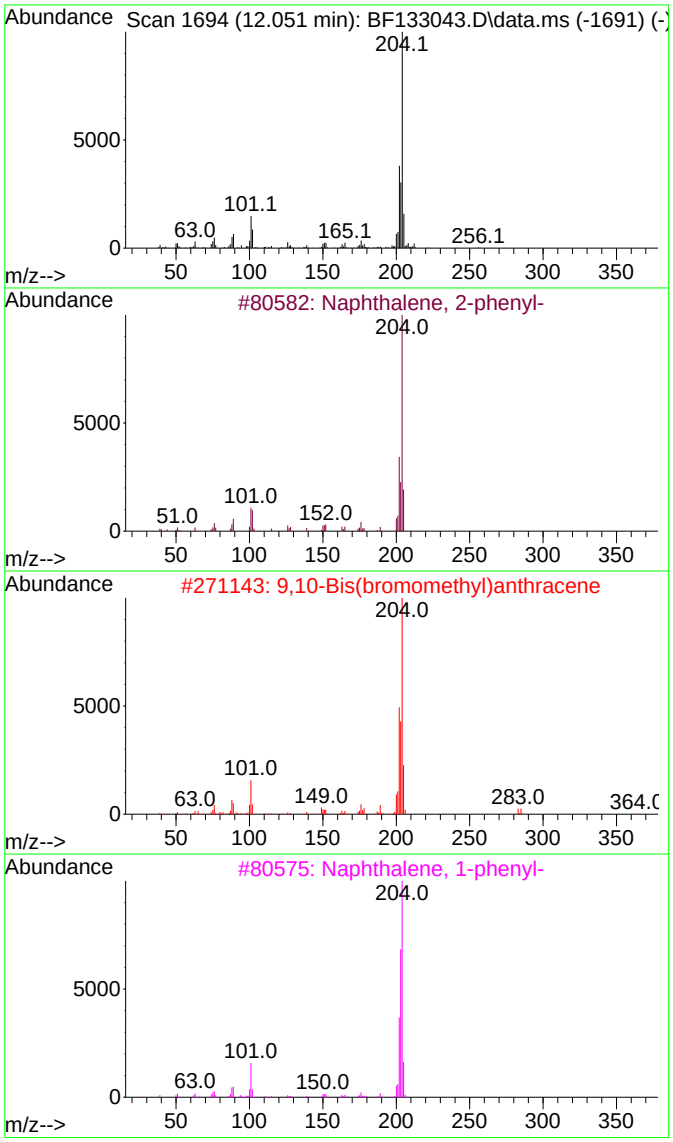
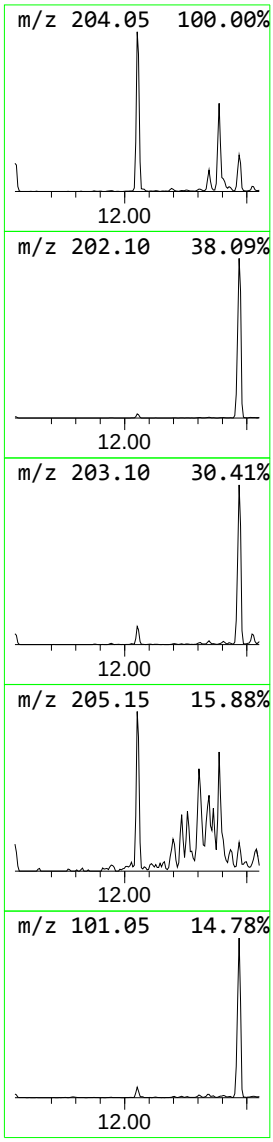
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	3.84 ng	352896	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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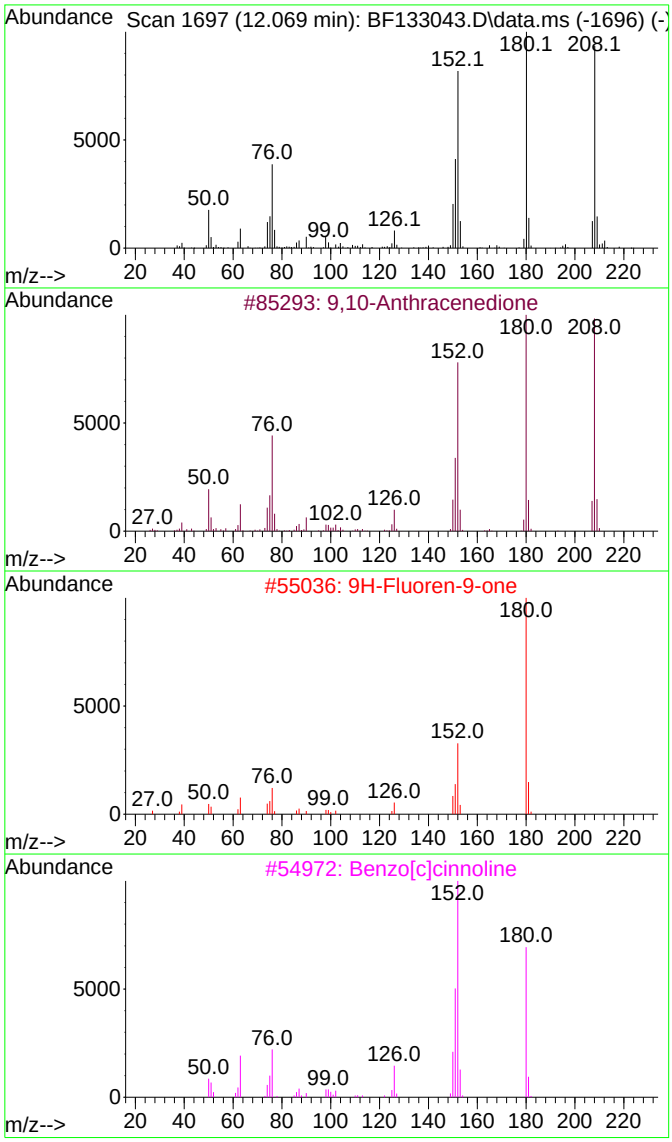
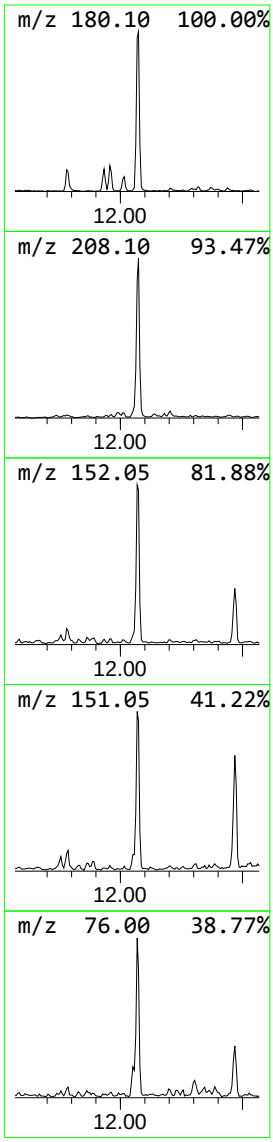
Peak Number 8 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	3.94 ng	361671	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	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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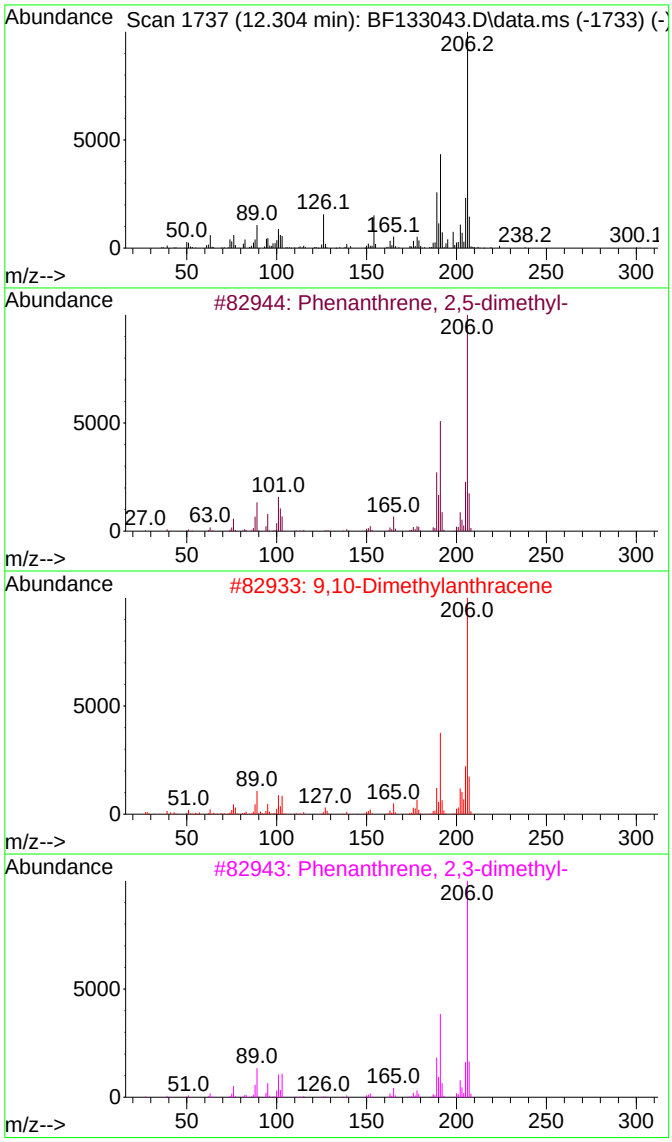
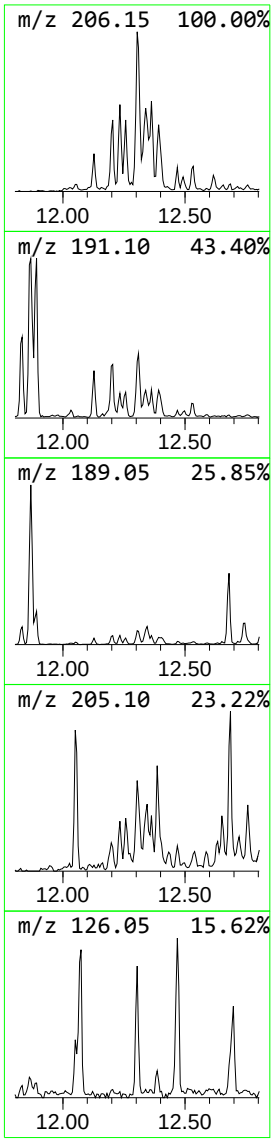
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	2.48 ng	227491	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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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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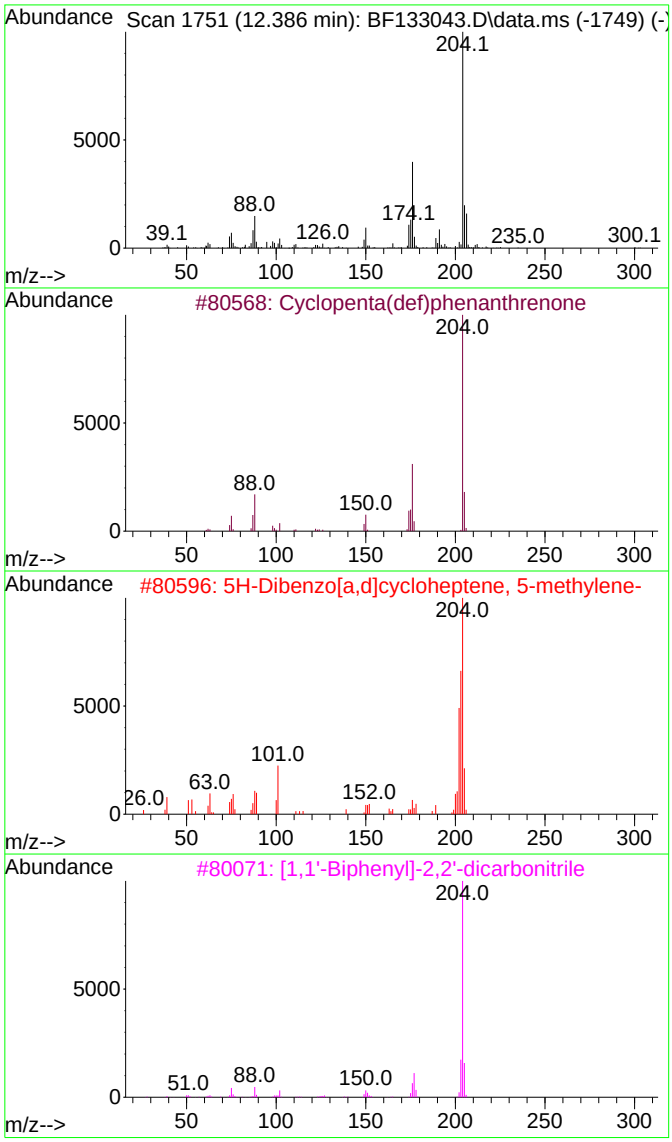
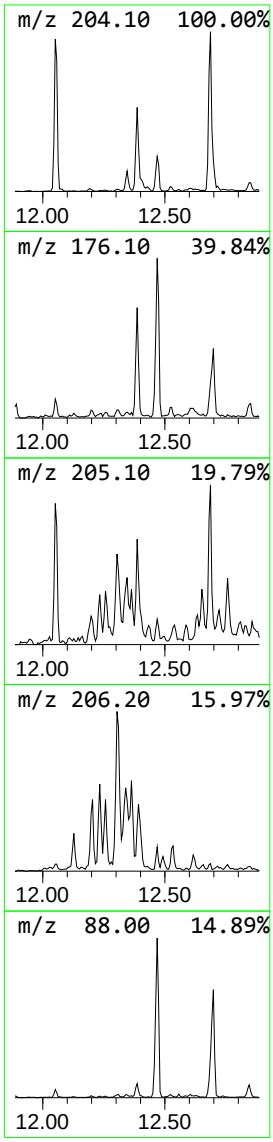
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	2.72 ng	249689	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	47
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	Ethyl .alpha.-D-glucopyranoside,...	496	C20H48O6Si4	1000365-90-0	43
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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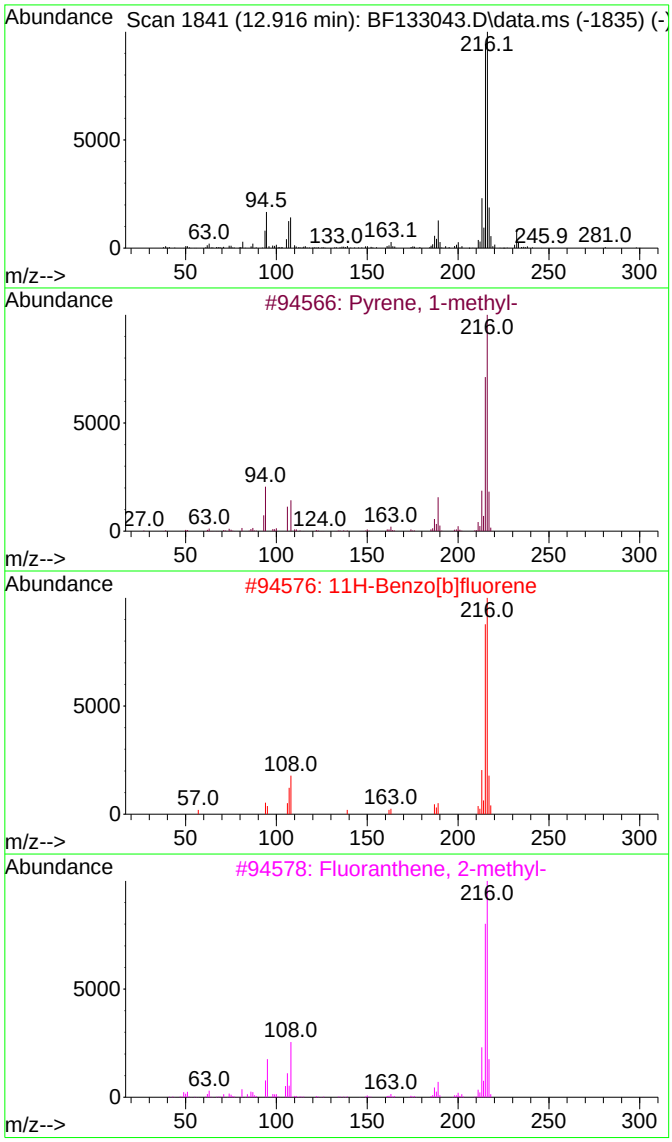
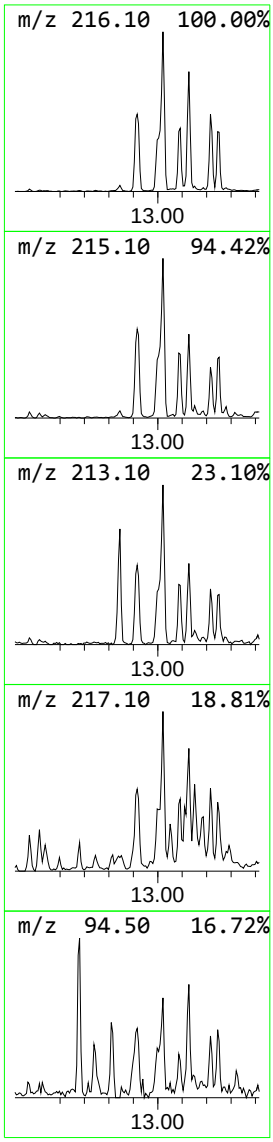
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	2.90 ng	411339	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	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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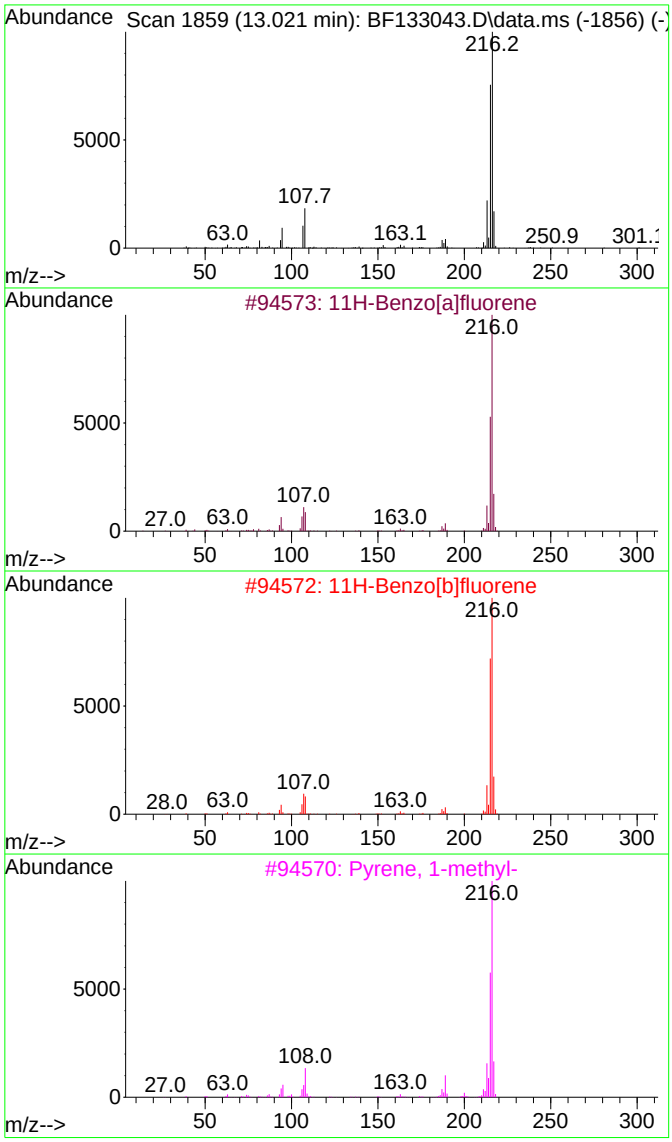
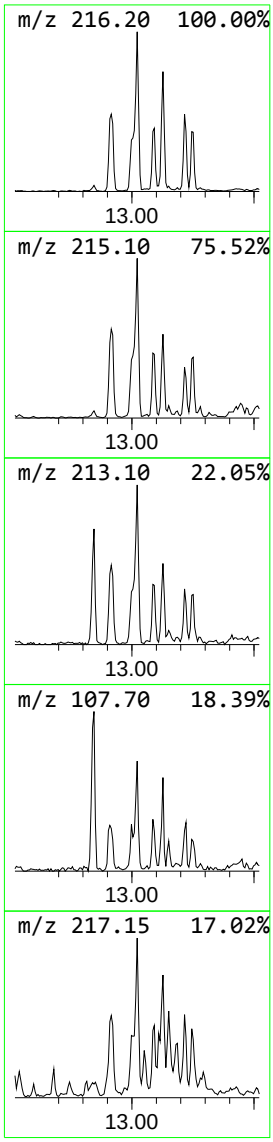
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	2.75 ng	390305	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	2-[3-Pyridyl]methylene-3-quinucl...	216	C13H16N2O	273748-56-4	59





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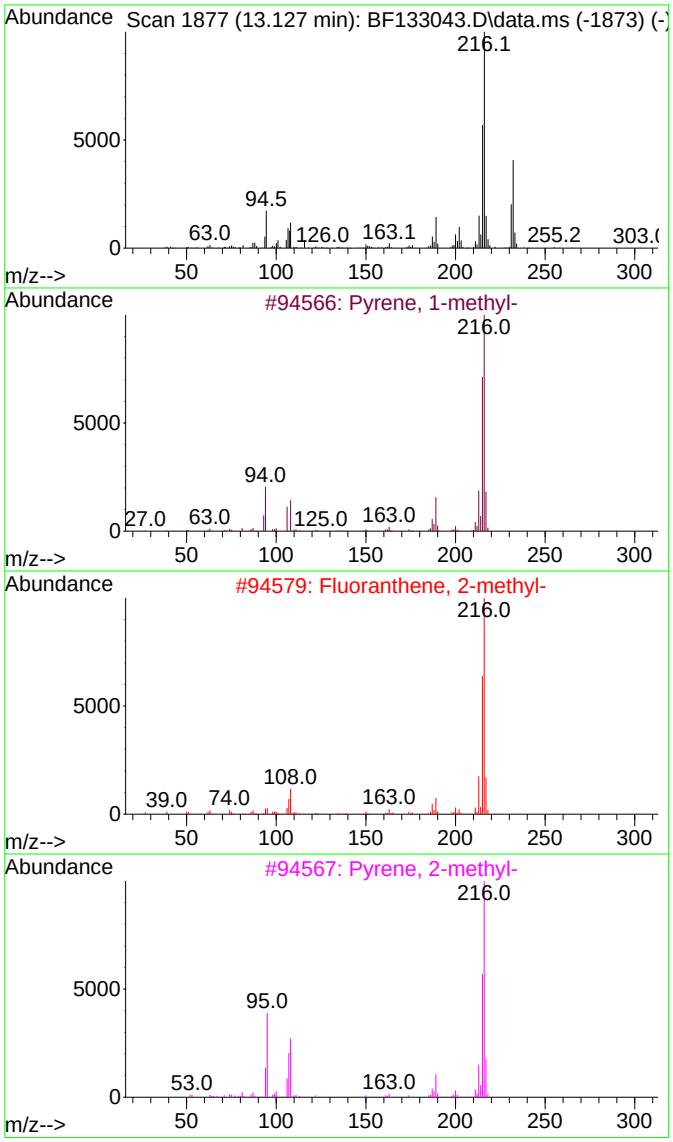
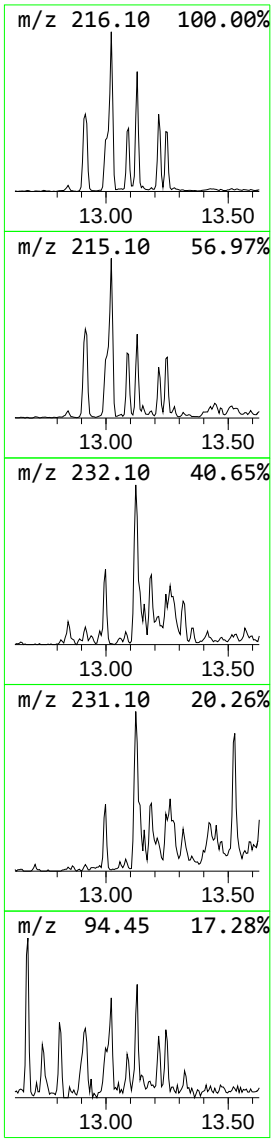
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	2.70 ng	383013	Chrysene-d12	13.892

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	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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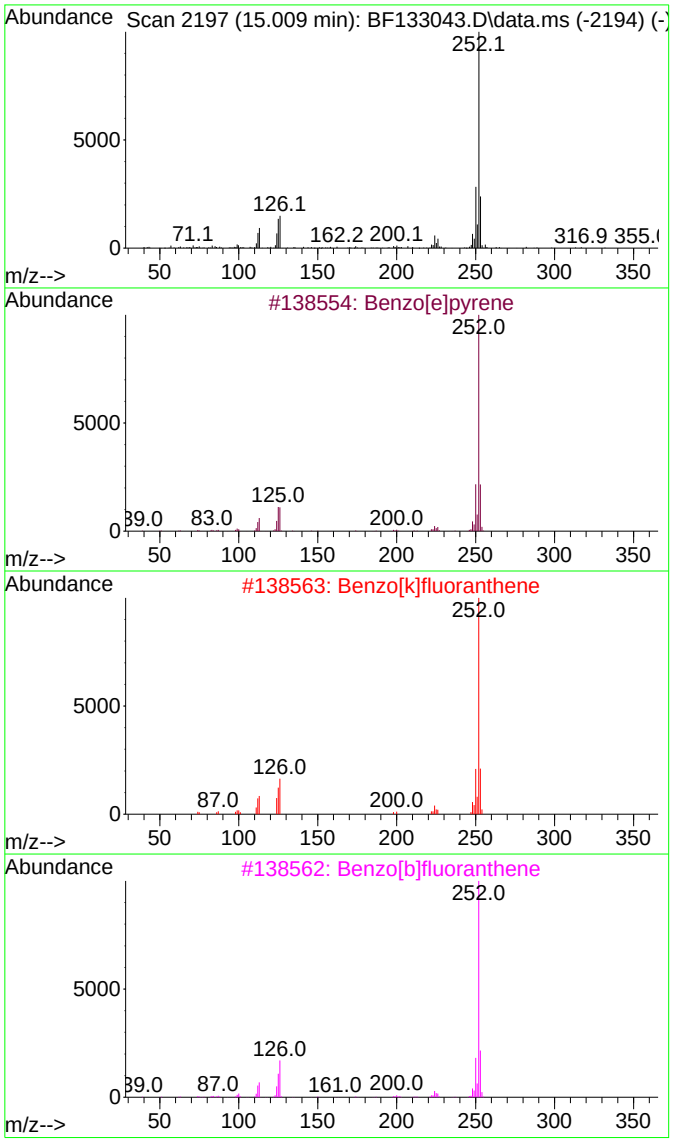
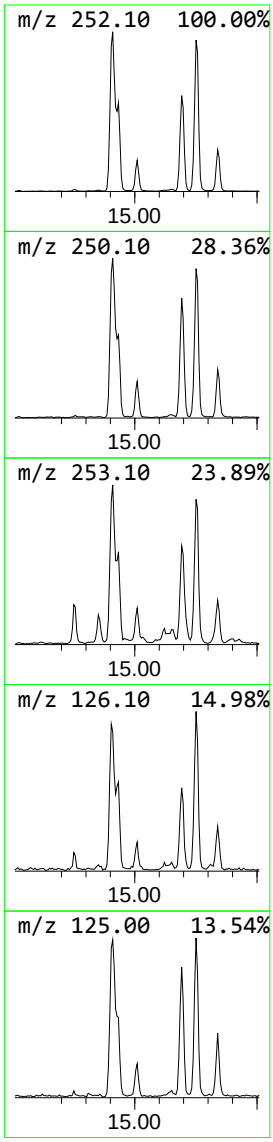
Peak Number 14 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.009	3.50 ng	196372	Perylene-d12	15.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	92
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





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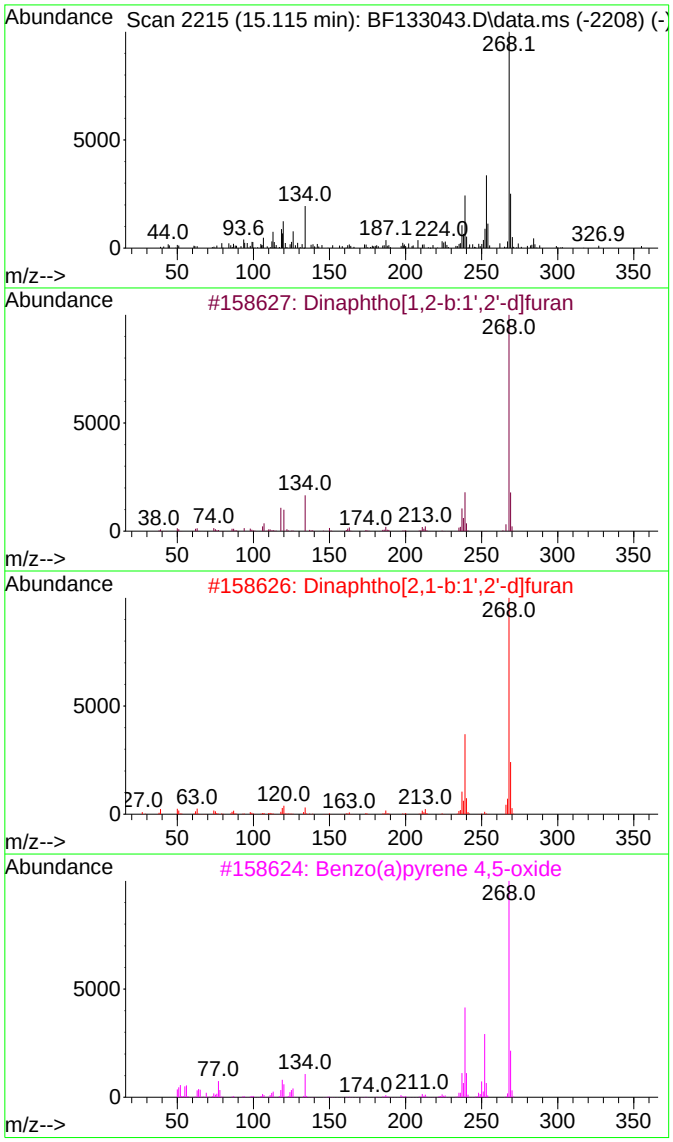
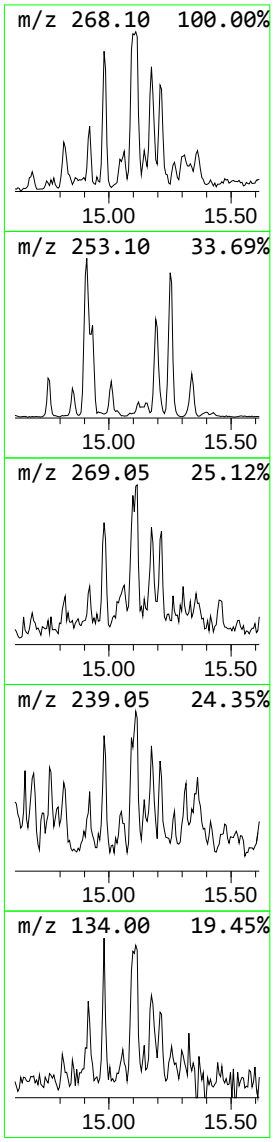
Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	2.17 ng	121526	Perylene-d12	15.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	86
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	62
4	Benzene, 1,1'-(1-ethyl-1,2-ethen...	268	C18H20O2	025346-90-1	50
5	trans-4,4'-Dimethoxychalcone	268	C17H16O3	041564-67-4	50





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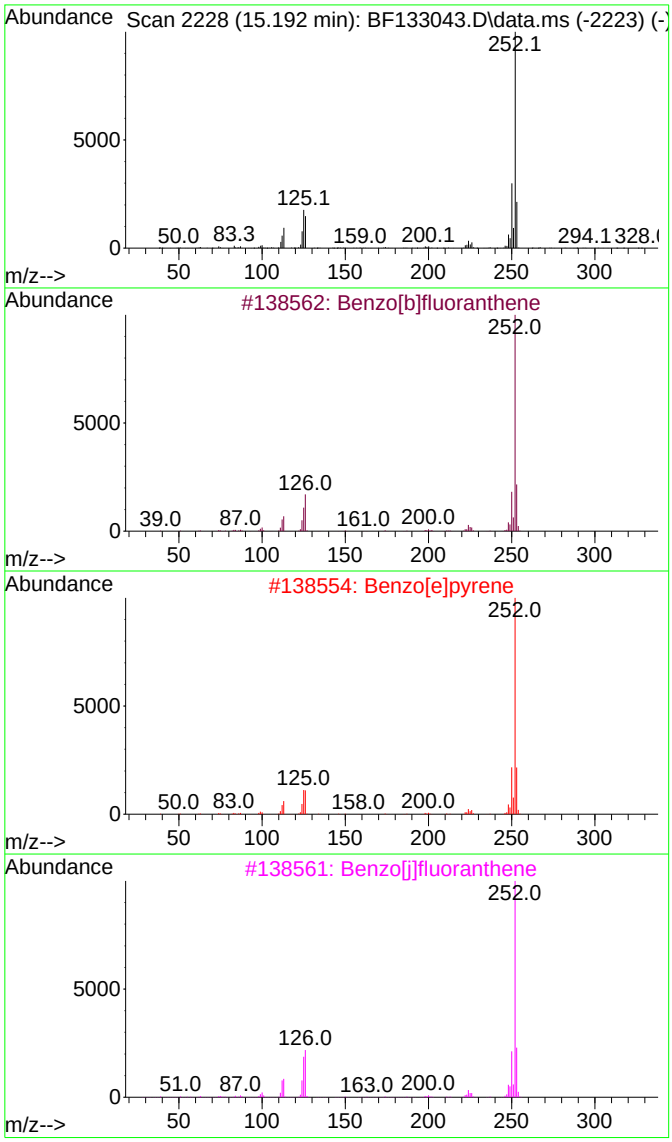
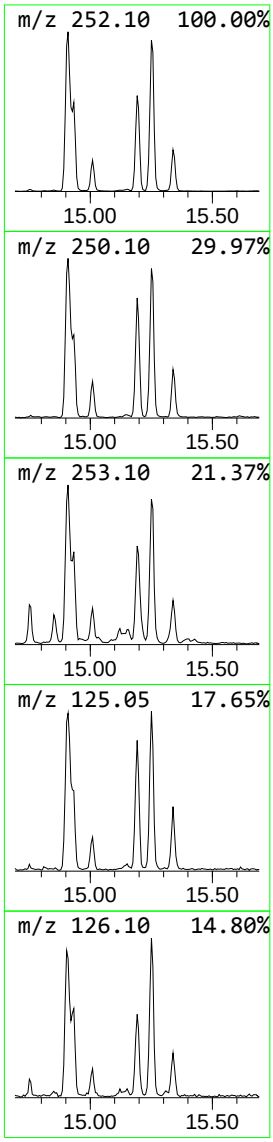
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	14.09 ng	789371	Perylene-d12	15.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Data File : BF133043.D
Acq On : 25 Apr 2023 23:31
Operator : CG\JU
Sample : 02270-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-0-2-20230412

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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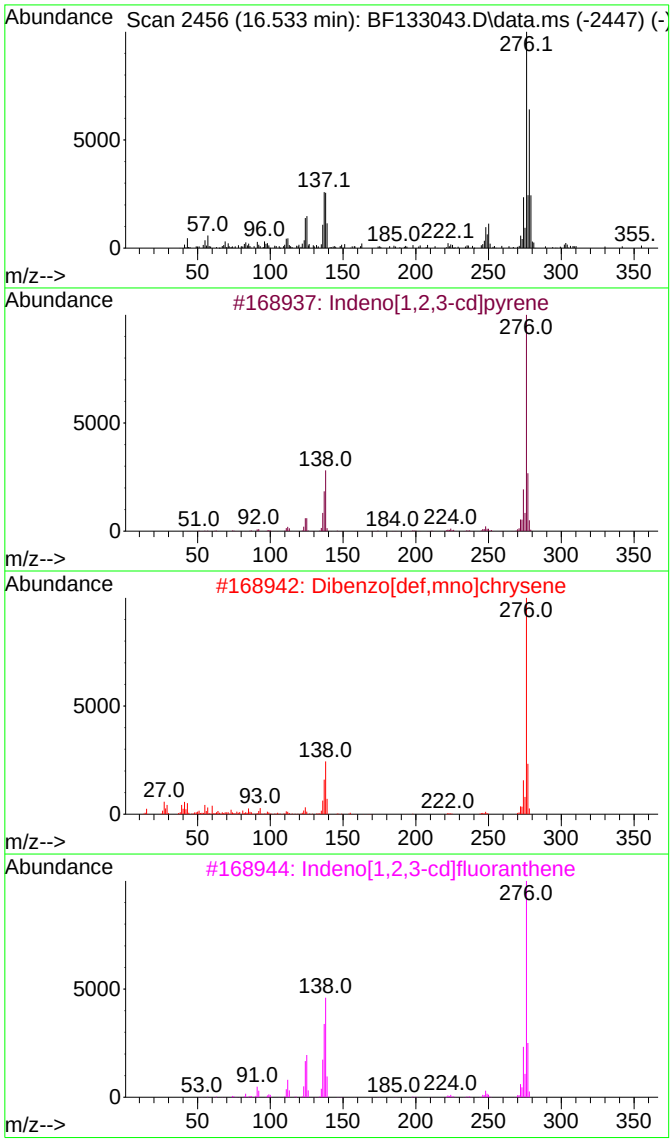
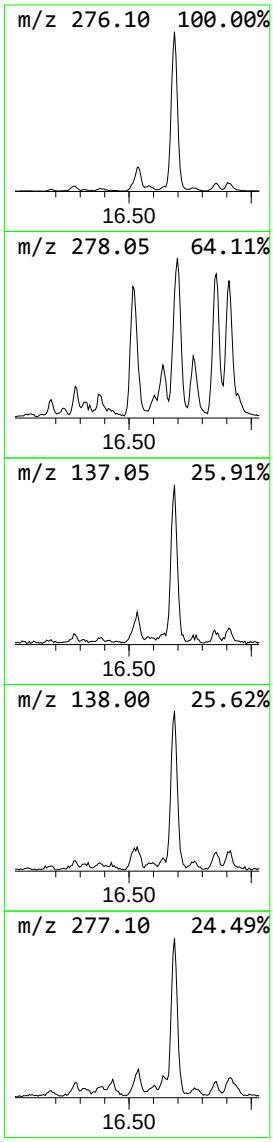
Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.533	4.99 ng	279819	Perylene-d12	15.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	87
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	78
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	55
5	4-Hydroxy-4'-chlorobiphenyl, tri...	276	C15H17ClOSi	1010447-63-1	43





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Data File : BF133043.D
Acq On : 25 Apr 2023 23:31
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-0-2-20230412

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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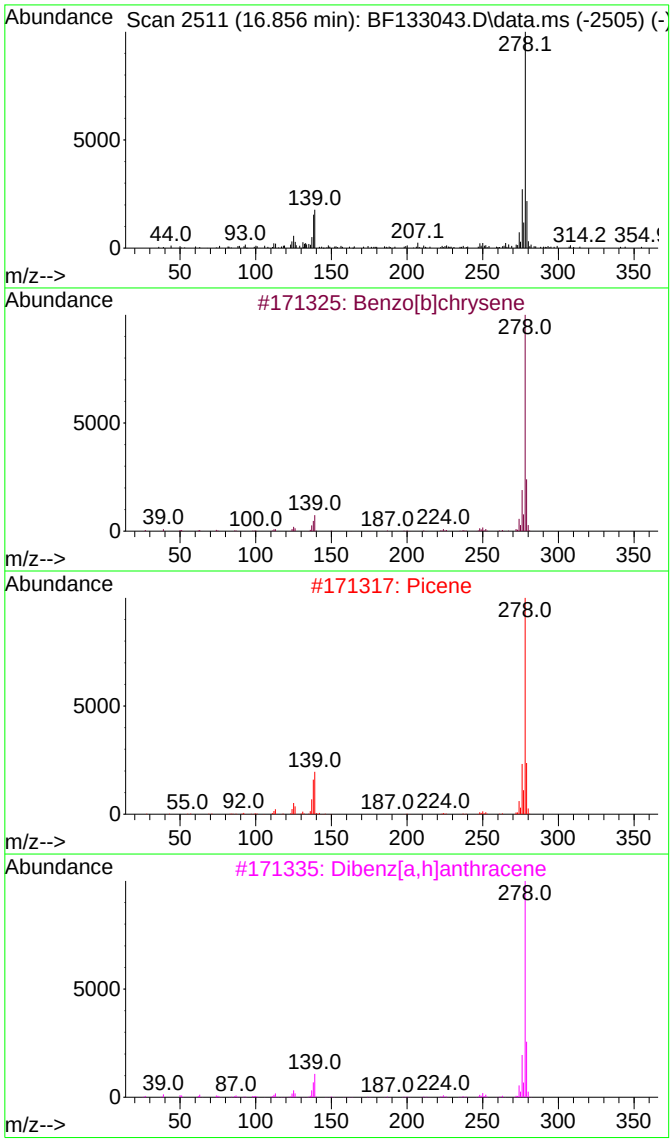
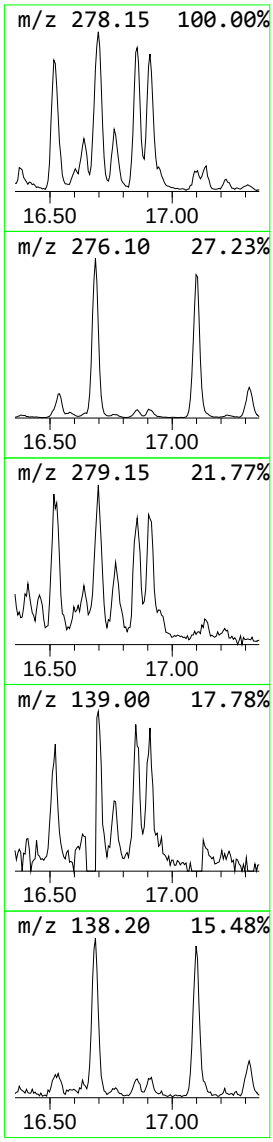
Peak Number 18 Benzo[b]chrysene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.856	2.47 ng	138515	Perylene-d12	15.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]chrysene	278	C22H14	000214-17-5	97
2	Picene	278	C22H14	000213-46-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
5	Pentacene	278	C22H14	000135-48-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133043.D
Acq On : 25 Apr 2023 23:31
Operator : CG\JU
Sample : 02270-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-0-2-20230412

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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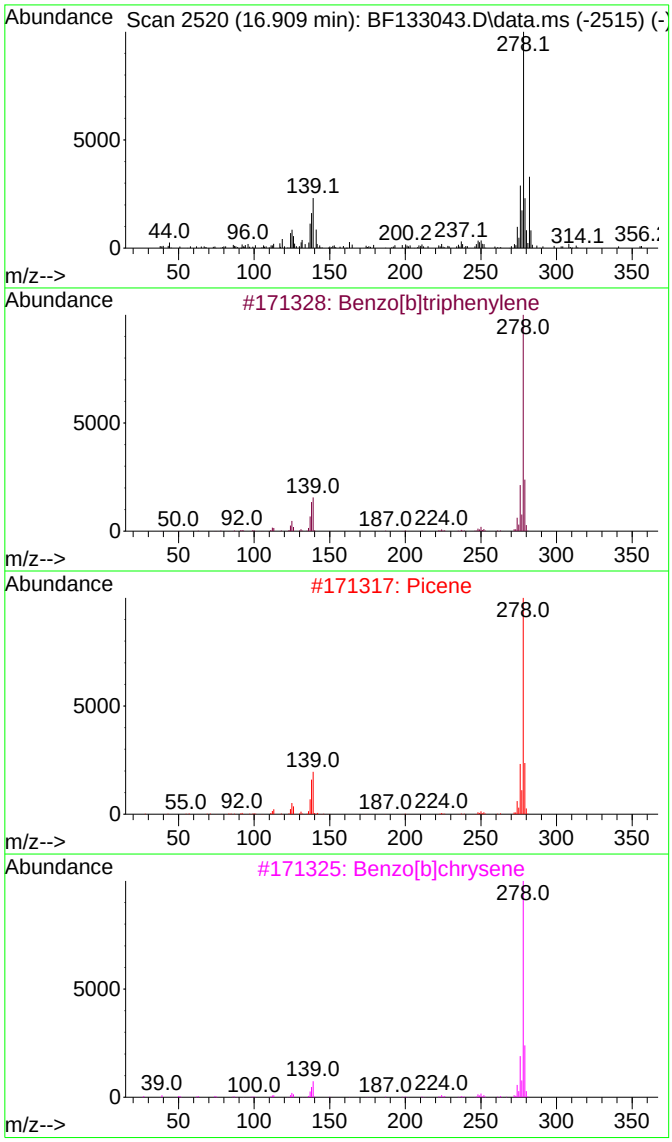
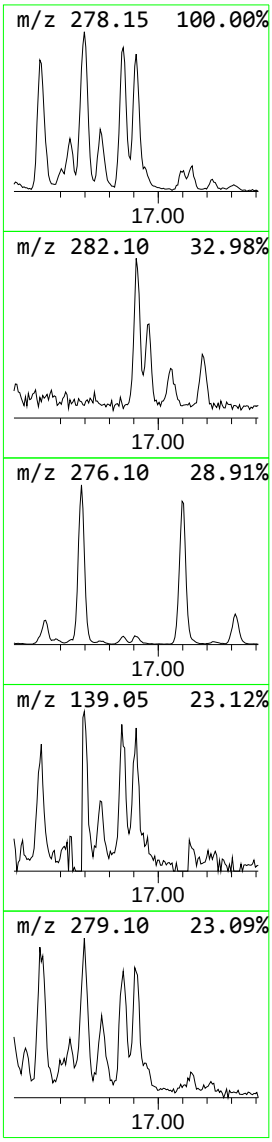
Peak Number 19 Benzo[b]triphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.909	2.37 ng	132978	Perylene-d12	15.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2	Picene	278	C22H14	000213-46-7	93
3	Benzo[b]chrysene	278	C22H14	000214-17-5	86
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	86
5	Pentaphene	278	C22H14	000222-93-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133043.D
Acq On : 25 Apr 2023 23:31
Operator : CG\JU
Sample : 02270-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-0-2-20230412

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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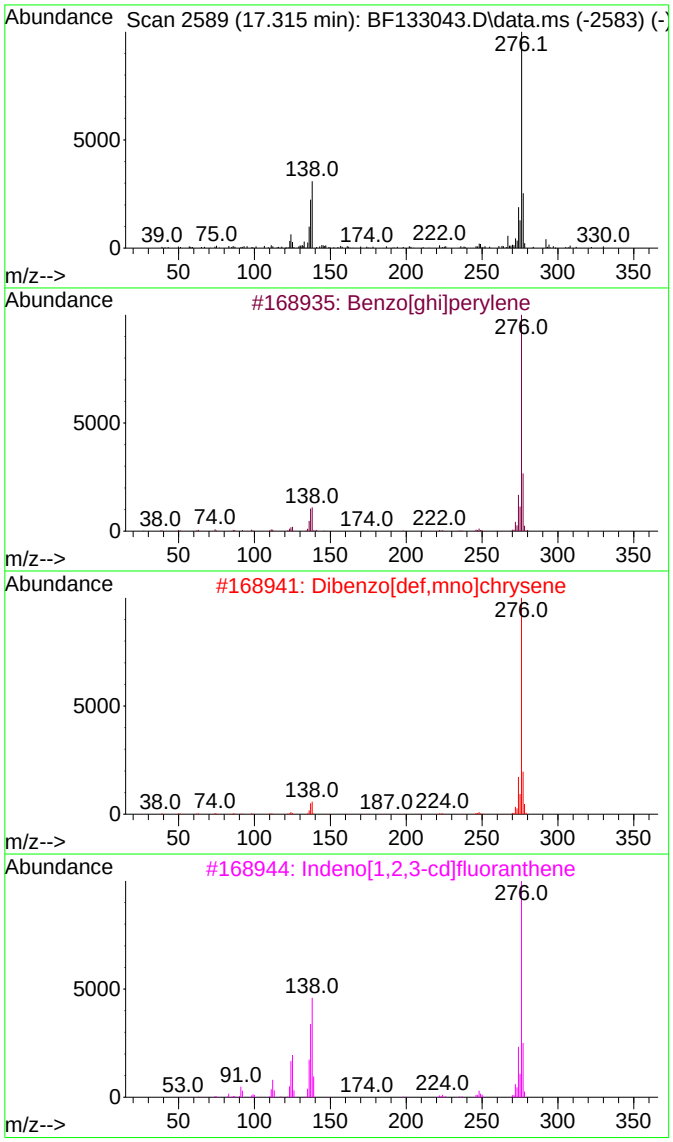
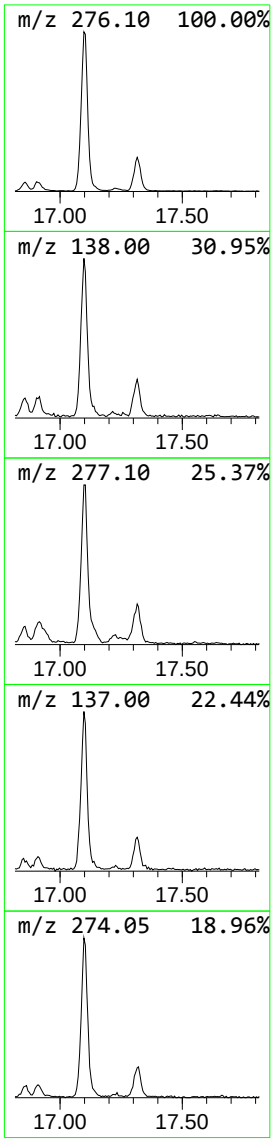
Peak Number 20 Indeno[1,2,3-cd]fluoranthene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.315	2.67 ng	149535	Perylene-d12	15.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	93
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
5	1,3,5-Triazin-2-amine, N-isoprop...	276	C14H24N6	1000276-80-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133043.D
Acq On : 25 Apr 2023 23:31
Operator : CG\JU
Sample : 02270-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-0-2-20230412

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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-...	4.928	2.2	ng	121656	1	6.739	1124350	20.0
Benzophenone	10.486	2.7	ng	236345	3	9.775	1744410	20.0
Anthracene, 1-m...	11.757	4.7	ng	426698	4	11.257	1836880	20.0
Phenanthrene, 2...	11.786	7.1	ng	654978	4	11.257	1836880	20.0
4H-Cyclopenta[d...	11.868	7.3	ng	667193	4	11.257	1836880	20.0
Anthracene, 9-m...	11.892	2.7	ng	245548	4	11.257	1836880	20.0
Naphthalene, 2-...	12.051	3.8	ng	352896	4	11.257	1836880	20.0
9,10-Anthracene...	12.069	3.9	ng	361671	4	11.257	1836880	20.0
Phenanthrene, 2...	12.304	2.5	ng	227491	4	11.257	1836880	20.0
Cyclopenta(def)...	12.386	2.7	ng	249689	4	11.257	1836880	20.0
Pyrene, 1-methyl-	12.916	2.9	ng	411339	5	13.892	2839710	20.0
11H-Benzo[a]flu...	13.021	2.8	ng	390305	5	13.892	2839710	20.0
Fluoranthene, 2...	13.127	2.7	ng	383013	5	13.892	2839710	20.0
Benzo[e]pyrene	15.009	3.5	ng	196372	6	15.315	1120830	20.0
Dinaphtho[1,2-b...	15.115	2.2	ng	121526	6	15.315	1120830	20.0
Benzo[j]fluoran...	15.192	14.1	ng	789371	6	15.315	1120830	20.0
Dibenzo[def,mno...	16.533	5.0	ng	279819	6	15.315	1120830	20.0
Benzo[b]chrysene	16.856	2.5	ng	138515	6	15.315	1120830	20.0
Benzo[b]triphen...	16.909	2.4	ng	132978	6	15.315	1120830	20.0
Indeno[1,2,3-cd...	17.315	2.7	ng	149535	6	15.315	1120830	20.0