LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136263.D
Acq On : 28 Nov 2023 22:40
Operator : CG\JU
Sample : 05517-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	16	rVB	358489	456397	9.05%	0.675%
2	5.051	498	504	512	rBV	78688	95119	1.89%	0.141%
3	5.445	566	571	574	rBV	3521005	3184518	63.16%	4.712%
4	6.439	732	740	743	rBV	3275272	3120391	61.89%	4.617%
5	6.804	798	802	805	rBV	1060883	792579	15.72%	1.173%
6	6.981	829	832	835	rVB	302888	227237	4.51%	0.336%
7	7.363	889	897	900	rBV	2220731	1982698	39.33%	2.934%
8	7.816	968	974	979	rBV3	68290	103320	2.05%	0.153%
9	8.081	1014	1019	1021	rBV	1260883	1190603	23.61%	1.762%
10	8.104	1021	1023	1026	rVV	1869417	1319562	26.17%	1.952%
11	8.151	1026	1031	1038	rVB2	84078	97411	1.93%	0.144%
12	8.792	1137	1140	1143	rVB	306029	223902	4.44%	0.331%
13	8.892	1152	1157	1160	rVB	448905	349102	6.92%	0.517%
14	9.157	1197	1202	1205	rBV	3777856	3361009	66.66%	4.973%
15	9.416	1241	1246	1251	rBV2	128116	183010	3.63%	0.271%
16	9.492	1256	1259	1262	rBV	188150	179105	3.55%	0.265%
17	9.610	1276	1279	1285	rVB	91620	98336	1.95%	0.145%
18	9.698	1290	1294	1298	rBV	240155	217349	4.31%	0.322%
19	9.839	1311	1318	1320	rBV	1138834	1008411	20.00%	1.492%
20	9.869	1320	1323	1327	rVB	503321	384685	7.63%	0.569%
21	10.039	1349	1352	1356	rVB	326256	270605	5.37%	0.400%
22	10.386	1408	1411	1417	rVB	626715	522258	10.36%	0.773%
23	10.451	1417	1422	1424	rBV	81867	95154	1.89%	0.141%
24	10.545	1435	1438	1444	rVB	108549	100810	2.00%	0.149%
25	10.627	1447	1452	1456	rVV	1953113	1652957	32.79%	2.446%
26	10.751	1470	1473	1479	rVB2	119346	132267	2.62%	0.196%
27	10.933	1499	1504	1507	rBV2	112913	145058	2.88%	0.215%
28	11.222	1551	1553	1559	rVB	204227	201200	3.99%	0.298%
29	11.327	1568	1571	1573	rBV	820342	737790	14.63%	1.092%
30	11.357	1573	1576	1579	rVV	2834590	2217251	43.98%	3.281%
31	11.404	1581	1584	1587	rVB	849918	640828	12.71%	0.948%
32	11.557	1607	1610	1613	rBV	143416	129016	2.56%	0.191%
33	11.663	1625	1628	1633	rVB2	114105	113195	2.25%	0.167%
34	11.745	1638	1642	1647	rVB	96996	107332	2.13%	0.159%
35	11.833	1651	1657	1659	rBV	383641	325579	6.46%	0.482%
36	11.863	1659	1662	1666	rVV	569522	500101	9.92%	0.740%

LSC Area Percent Report

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Sample : 05517-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.910	1666	1670	1673	rVV	188376	172732	3.43%	0.256%
38	11.945	1673	1676	1679	rVV	1045166	1027788	20.39%	1.521%
39	11.969	1679	1680	1685	rVB	267601	146001	2.90%	0.216%
40	12.133	1705	1708	1710	rBV	208885	206564	4.10%	0.306%
41	12.151	1710	1711	1715	rVB2	99861	93222	1.85%	0.138%
42	12.333	1740	1742	1745	rVB	115111	98936	1.96%	0.146%
43	12.386	1747	1751	1754	rBV	306540	314951	6.25%	0.466%
44	12.421	1754	1757	1760	rVV	195498	219176	4.35%	0.324%
45	12.474	1763	1766	1771	rBV2	157684	241918	4.80%	0.358%
46	12.557	1775	1780	1783	rBV	5122205	4694688	93.12%	6.946%
47	12.598	1783	1787	1792	rBV3	97686	152838	3.03%	0.226%
48	12.639	1792	1794	1798	rBV	88489	92243	1.83%	0.136%
49	12.698	1800	1804	1809	rVB2	207146	228058	4.52%	0.337%
50	12.786	1812	1819	1824	rBV	4553941	5041772	100.00%	7.460%
51	12.827	1824	1826	1831	rVB2	153470	199125	3.95%	0.295%
52	12.898	1835	1838	1840	rBV	231441	208502	4.14%	0.308%
53	12.927	1840	1843	1850	rVB	3082000	2571794	51.01%	3.805%
54	12.998	1850	1855	1858	rBV3	296905	465533	9.23%	0.689%
55	13.086	1867	1870	1871	rVV3	247093	253614	5.03%	0.375%
56	13.110	1871	1874	1877	rVB	900396	808825	16.04%	1.197%
57	13.174	1882	1885	1888	rVV	714396	623359	12.36%	0.922%
58	13.216	1888	1892	1894	rVV2	455874	470146	9.33%	0.696%
59	13.239	1894	1896	1899	rVB	92386	92920	1.84%	0.137%
60	13.304	1904	1907	1910	rBV	320647	241379	4.79%	0.357%
61	13.333	1910	1912	1916	rBV	306633	279260	5.54%	0.413%
62	13.515	1940	1943	1944	rVV	122606	118321	2.35%	0.175%
63	13.598	1953	1957	1958	rBV3	115937	132633	2.63%	0.196%
64	13.621	1958	1961	1965	rVB2	145561	222007	4.40%	0.328%
65	13.733	1974	1980	1982	rBV	439488	539167	10.69%	0.798%
66	13.763	1982	1985	1986	rBV	241473	182610	3.62%	0.270%
67	13.780	1986	1988	1992	rVB2	237716	211637	4.20%	0.313%
68	13.898	2006	2008	2012	rVB	116920	105184	2.09%	0.156%
69	13.980	2015	2022	2025	rBV2	2712968	3713229	73.65%	5.494%
70	14.015	2025	2028	2033	rVB	2492728	2254597	44.72%	3.336%
71	14.092	2038	2041	2044	rVB	650413	528623	10.48%	0.782%
72	14.127	2044	2047	2049	rBV	224701	218085	4.33%	0.323%
73	14.198	2057	2059	2060	rBV	131473	98604	1.96%	0.146%
74	14.239	2065	2066	2069	rVB	125256	97961	1.94%	0.145%
75	14.310	2074	2078	2080	rBV3	95793	122871	2.44%	0.182%
76	14.339	2080	2083	2084	rBV	118314	103317	2.05%	0.153%

LSC Area Percent Report

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Operator : CG\JU
Sample : 05517-01
Misc :
ALS Vial : 14 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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.374	2084	2089	2092	rVB	471382	461768	9.16%	0.683%
78	14.410	2092	2095	2098	rVB	269521	239098	4.74%	0.354%
79	14.468	2102	2105	2108	rBV2	343799	319194	6.33%	0.472%
80	14.498	2108	2110	2112	rVV	269193	242069	4.80%	0.358%
81	14.521	2112	2114	2117	rVB2	384818	318085	6.31%	0.471%
82	14.686	2138	2142	2144	rVV4	109885	155997	3.09%	0.231%
83	14.710	2144	2146	2153	rVV2	131660	204455	4.06%	0.303%
84	14.874	2170	2174	2177	rVB2	129662	157603	3.13%	0.233%
85	15.039	2196	2202	2205	rBV	1856938	2883818	57.20%	4.267%
86	15.062	2205	2206	2210	rVB	915294	732594	14.53%	1.084%
87	15.145	2216	2220	2224	rVB	402839	447154	8.87%	0.662%
88	15.345	2249	2254	2260	rVB	1017842	1308079	25.94%	1.935%
89	15.409	2260	2265	2271	rBV	1483651	1909277	37.87%	2.825%
90	15.468	2271	2275	2278	rVV	494964	617838	12.25%	0.914%
91	15.504	2278	2281	2288	rVB	480132	628603	12.47%	0.930%
92	15.833	2334	2337	2345	rVB3	81558	146110	2.90%	0.216%
93	15.980	2356	2362	2365	rBV2	58393	126467	2.51%	0.187%
94	16.039	2369	2372	2376	rVB3	106808	143115	2.84%	0.212%
95	16.798	2496	2501	2508	rVB5	71887	176263	3.50%	0.261%
96	16.974	2524	2531	2540	rVB2	475251	964546	19.13%	1.427%
97	17.162	2556	2563	2566	rBV2	83870	184530	3.66%	0.273%
98	17.215	2568	2572	2578	rVV2	67570	120072	2.38%	0.178%
99	17.427	2600	2608	2626	rBV	369658	826804	16.40%	1.223%
100	17.668	2643	2649	2660	rVB	104076	214092	4.25%	0.317%

Sum of corrected areas: 67587966

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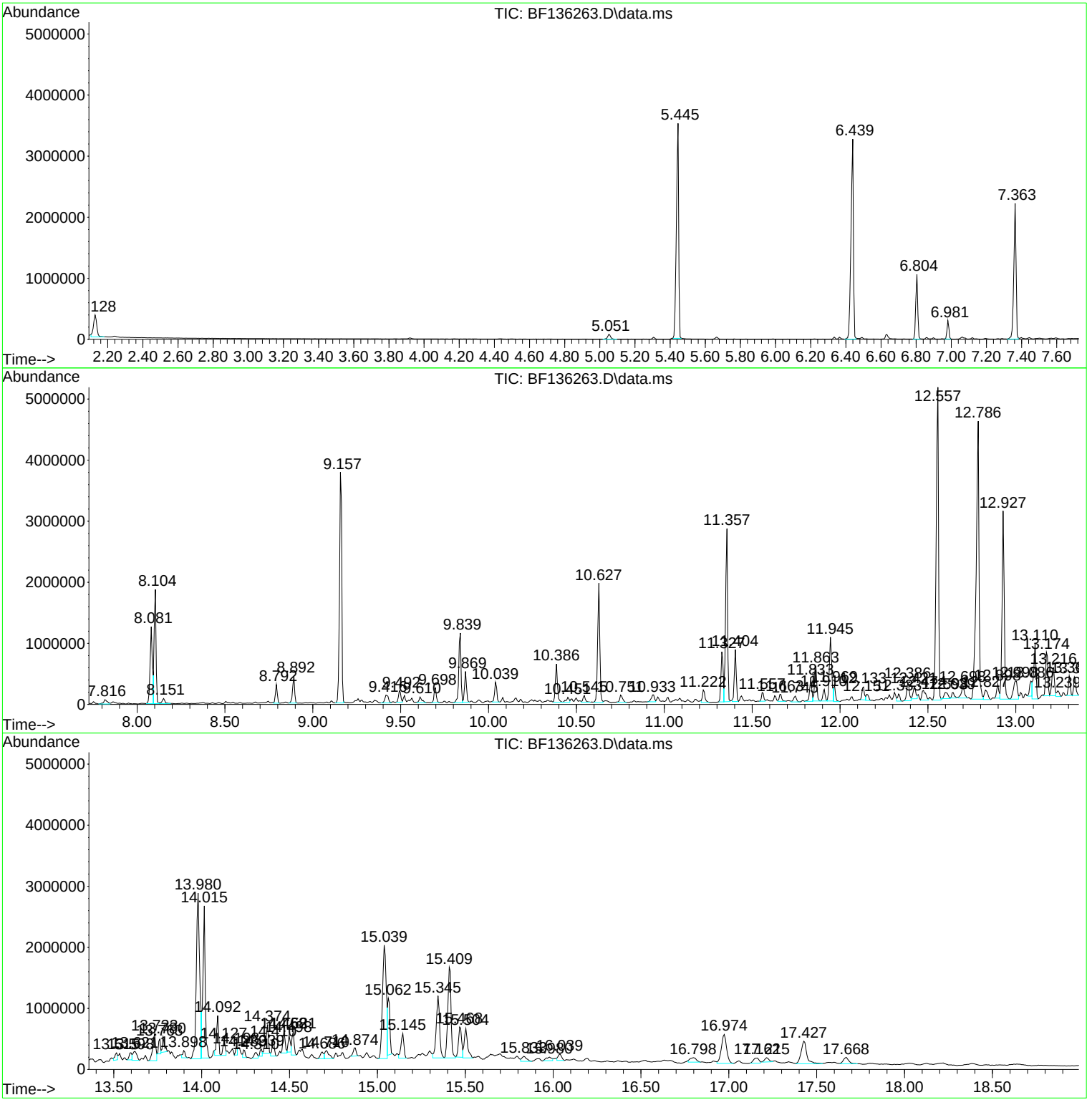
Instrument :
BNA_F
ClientSampleId :
TP-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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\BF112823\
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

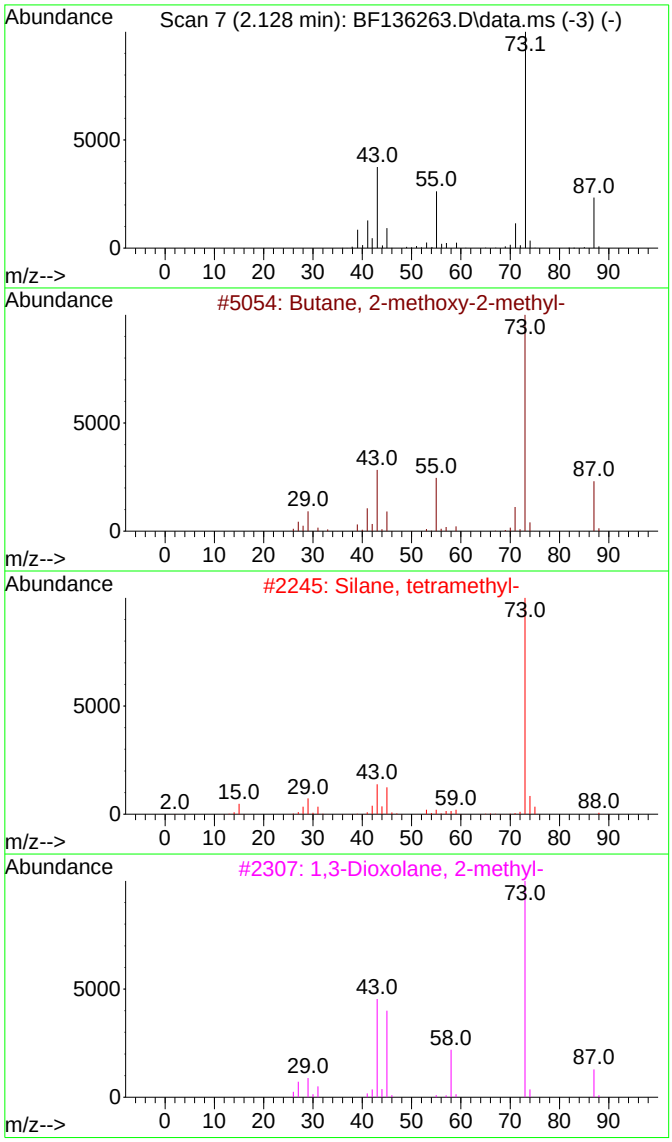
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

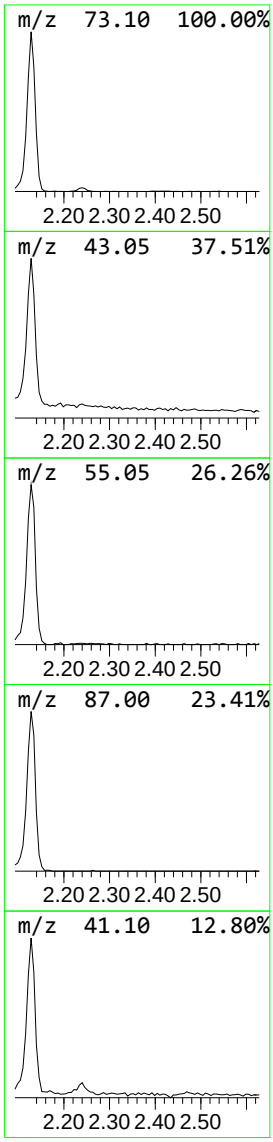
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	11.52 ng	456397	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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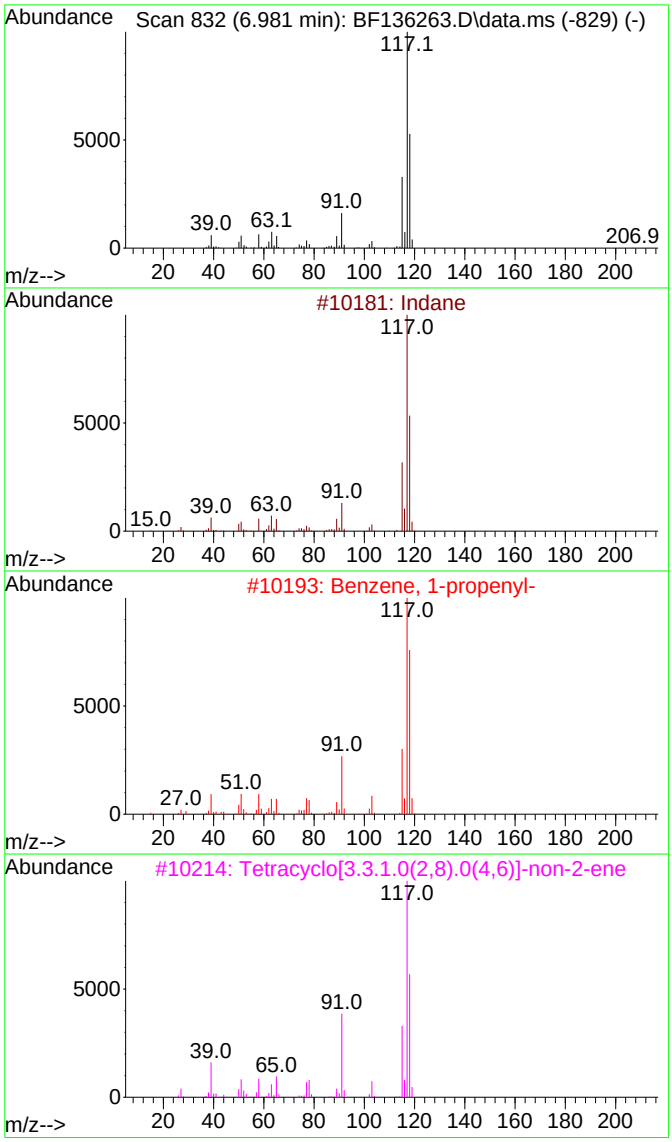
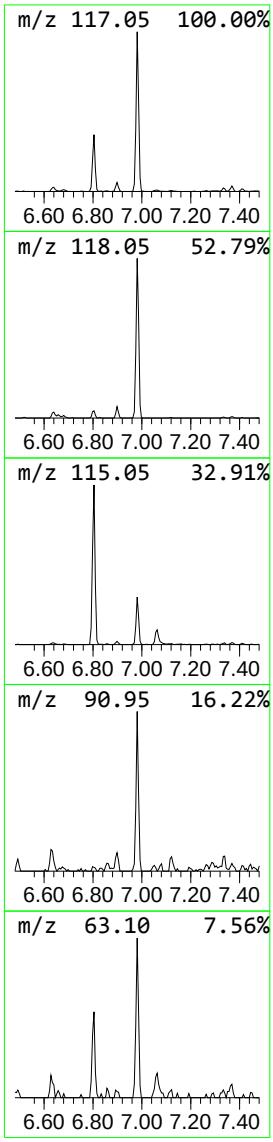
Peak Number 2 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	5.73 ng	227237	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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

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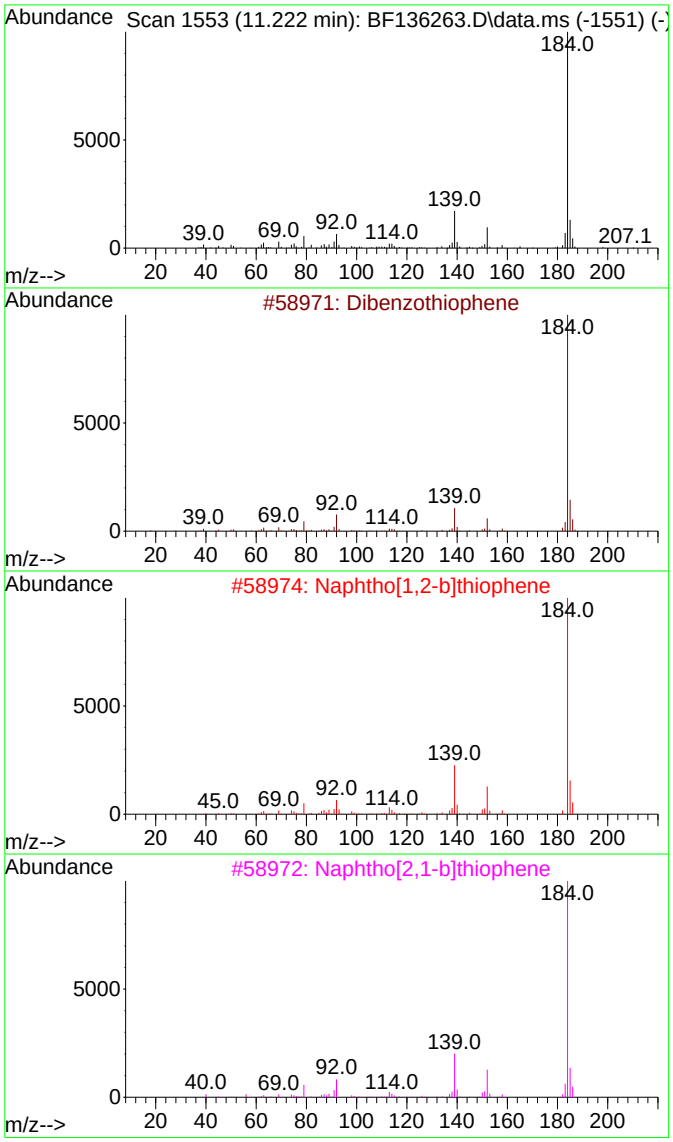
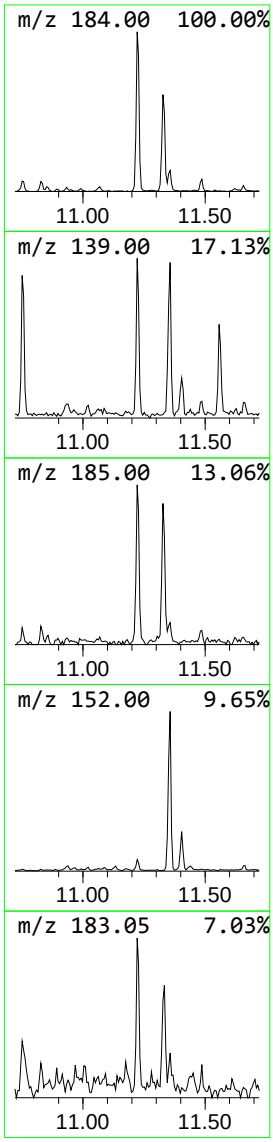
Peak Number 3 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	5.45 ng	201200	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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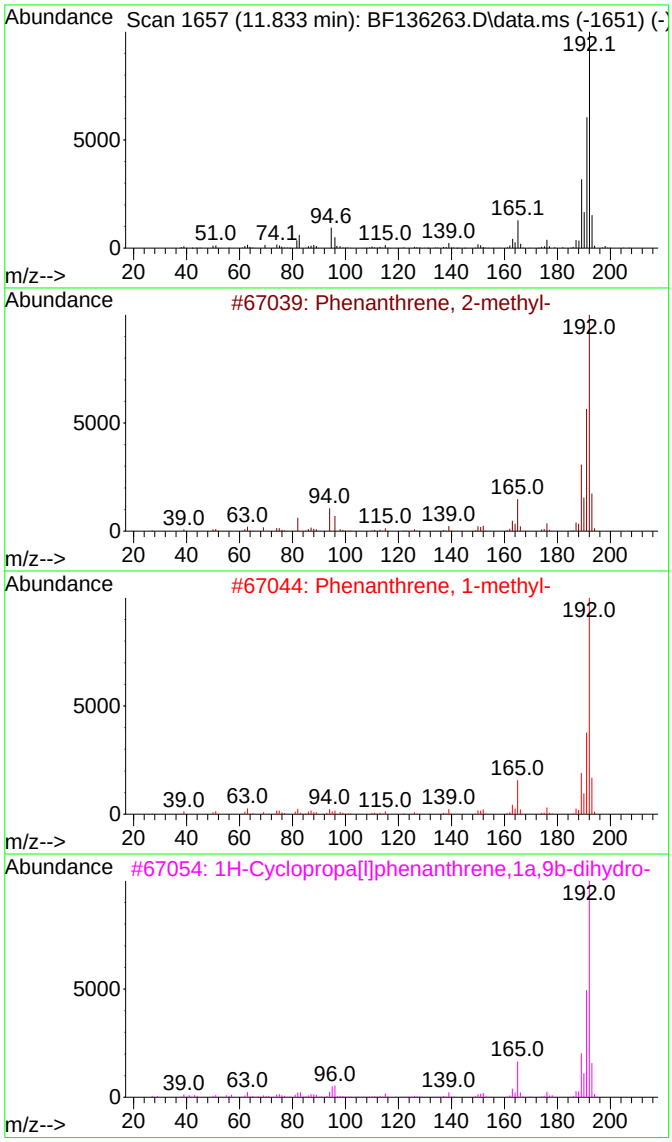
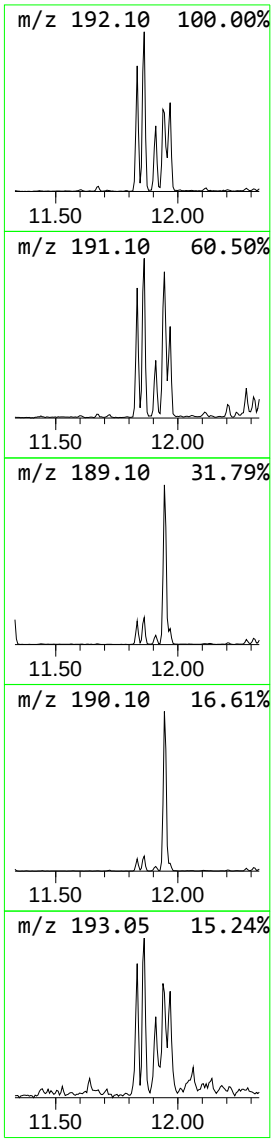
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	8.83 ng	325579	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Data File : BF136263.D
Acq On : 28 Nov 2023 22:40
Operator : CG\JU
Sample : 05517-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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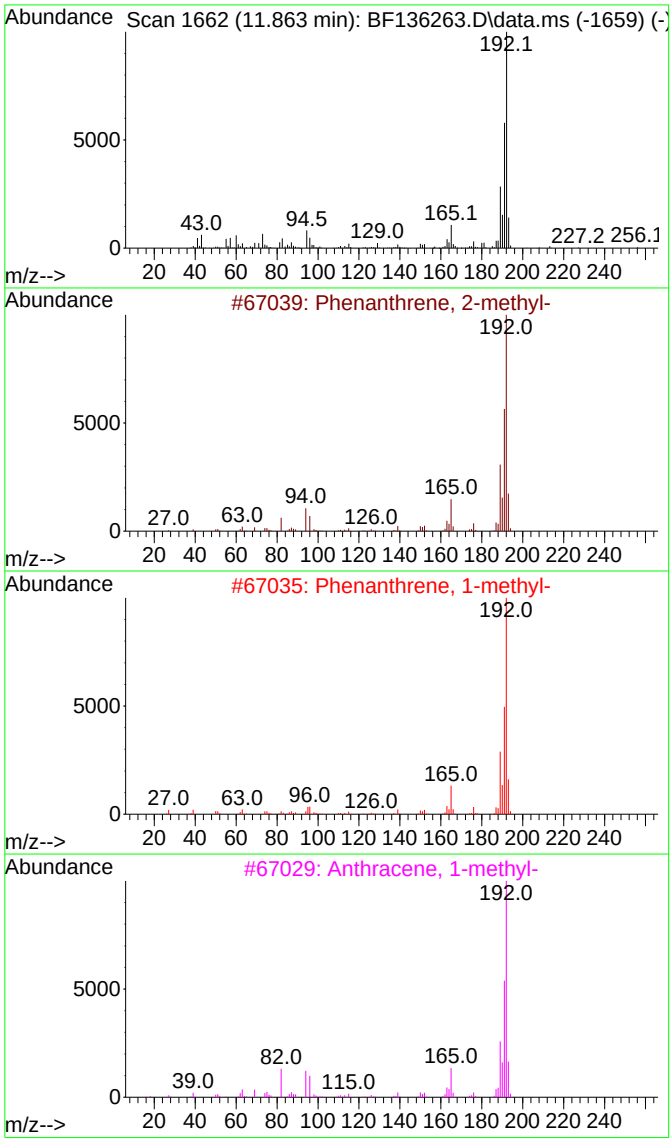
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

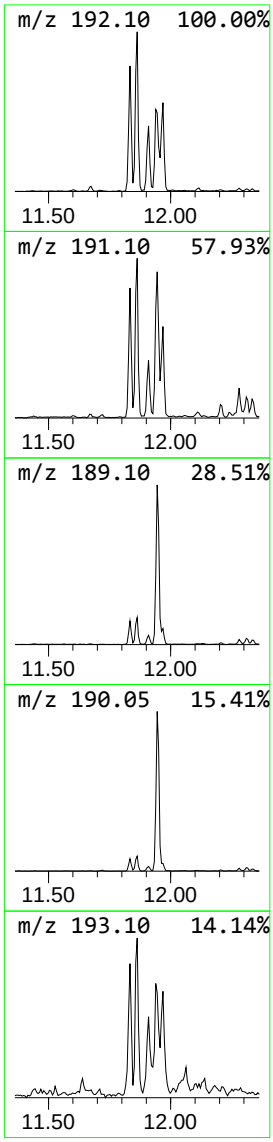
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	13.56 ng	500101	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : 05517-01
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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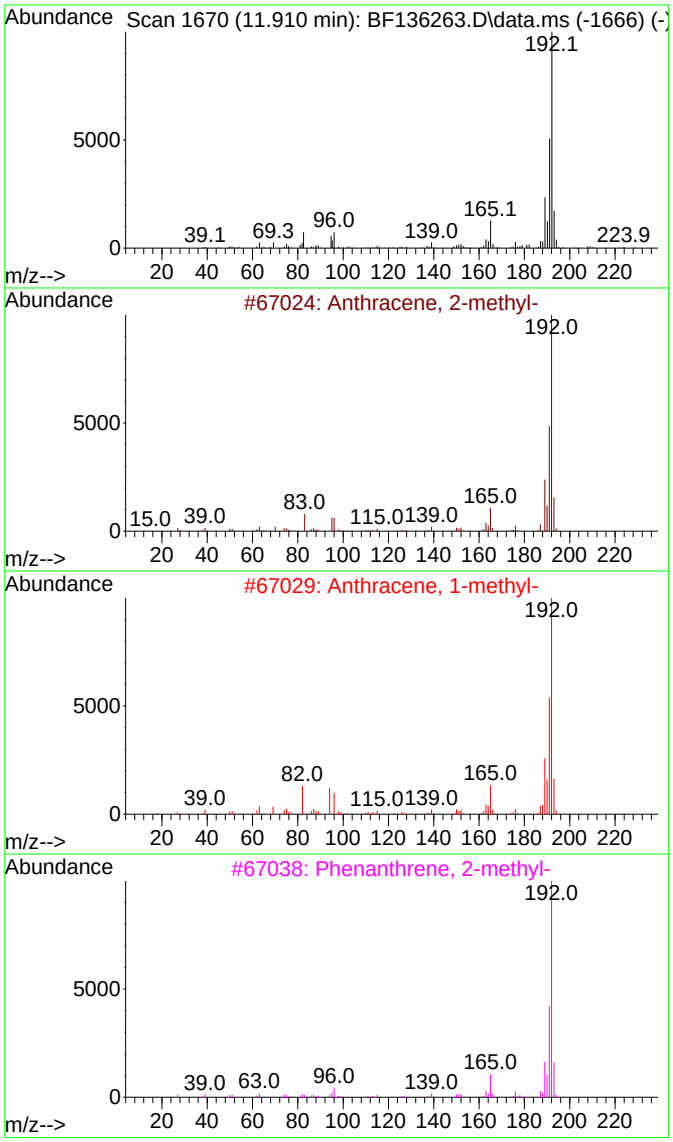
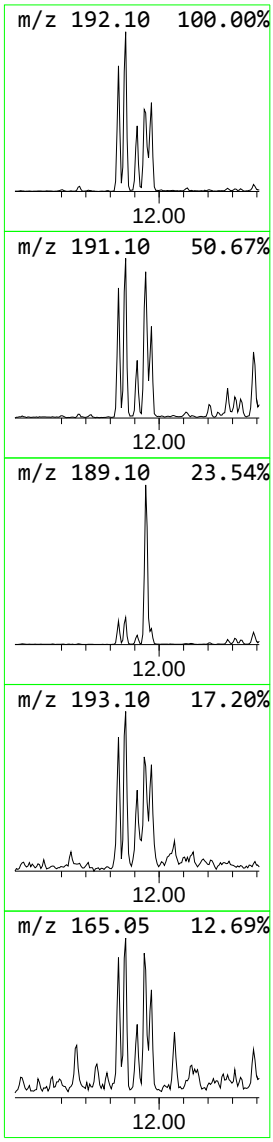
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	4.68 ng	172732	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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

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

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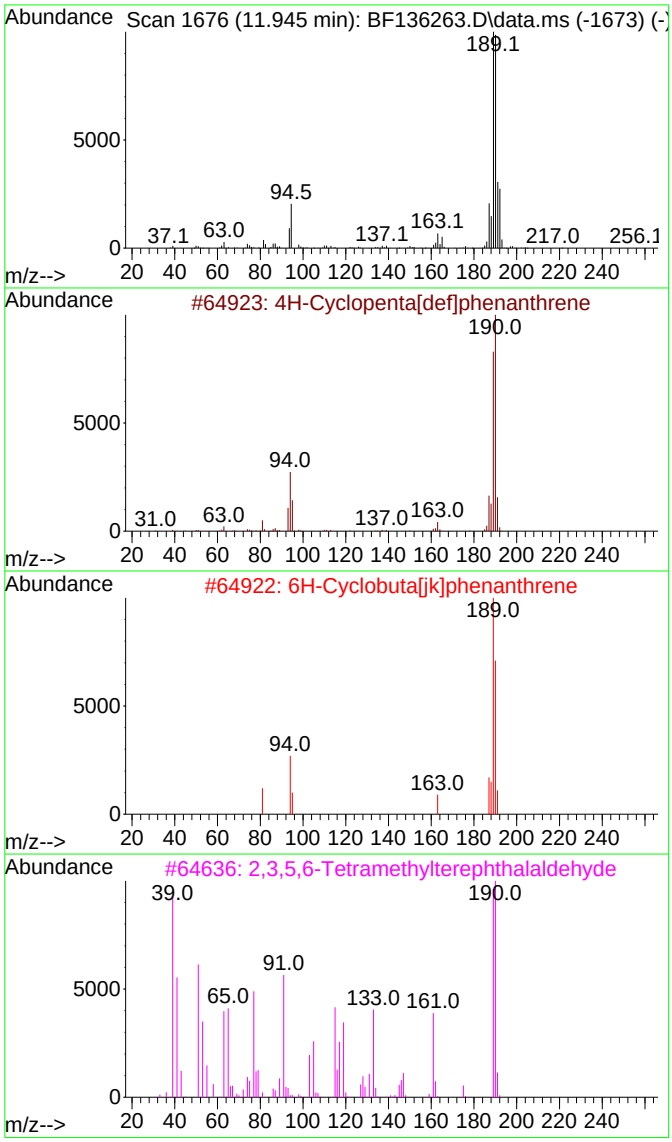
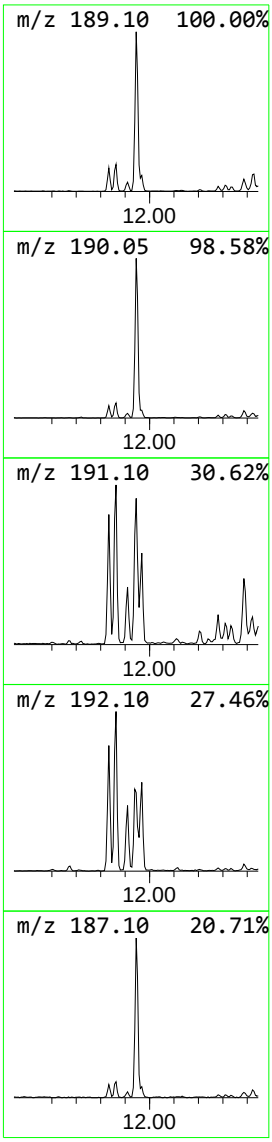
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	27.86 ng	1027790	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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

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

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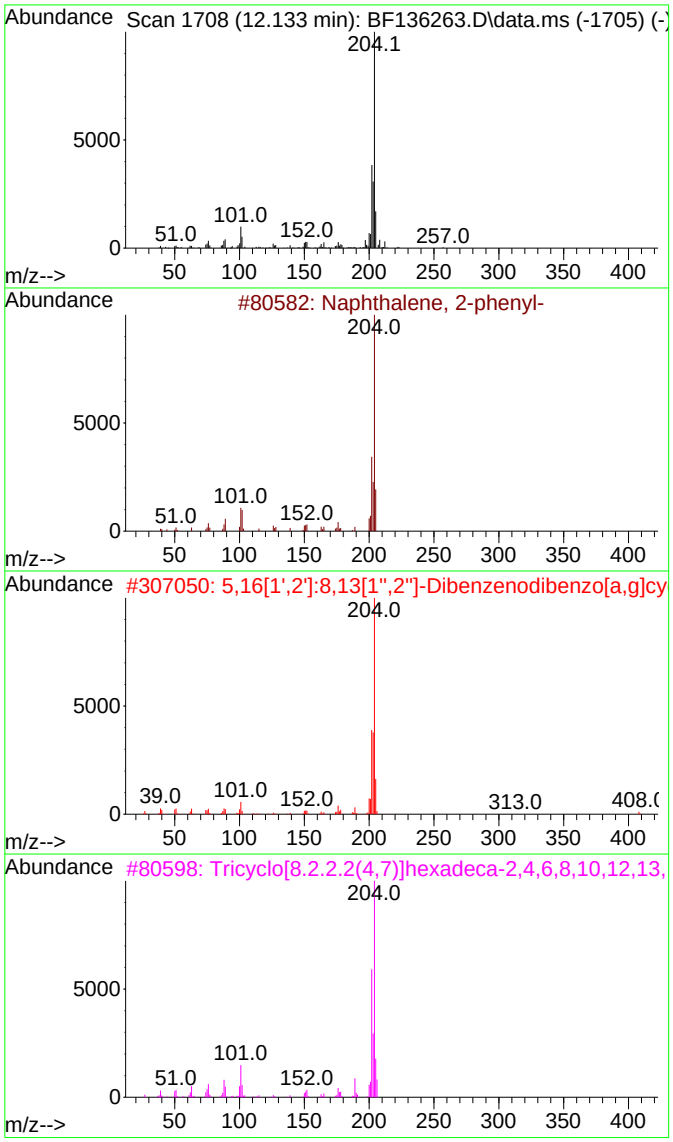
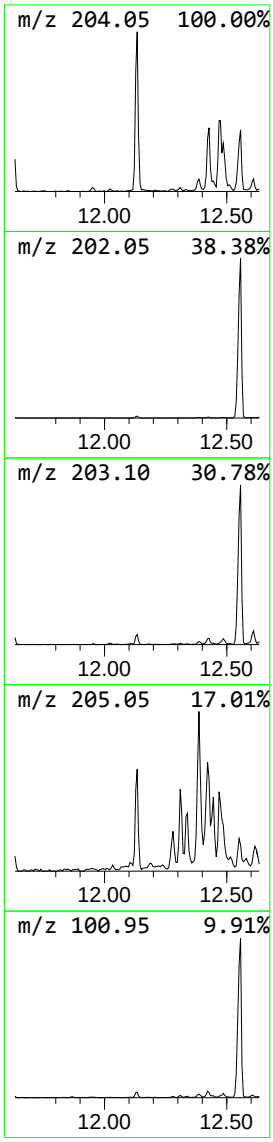
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	5.60 ng	206564	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
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	62
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49





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

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

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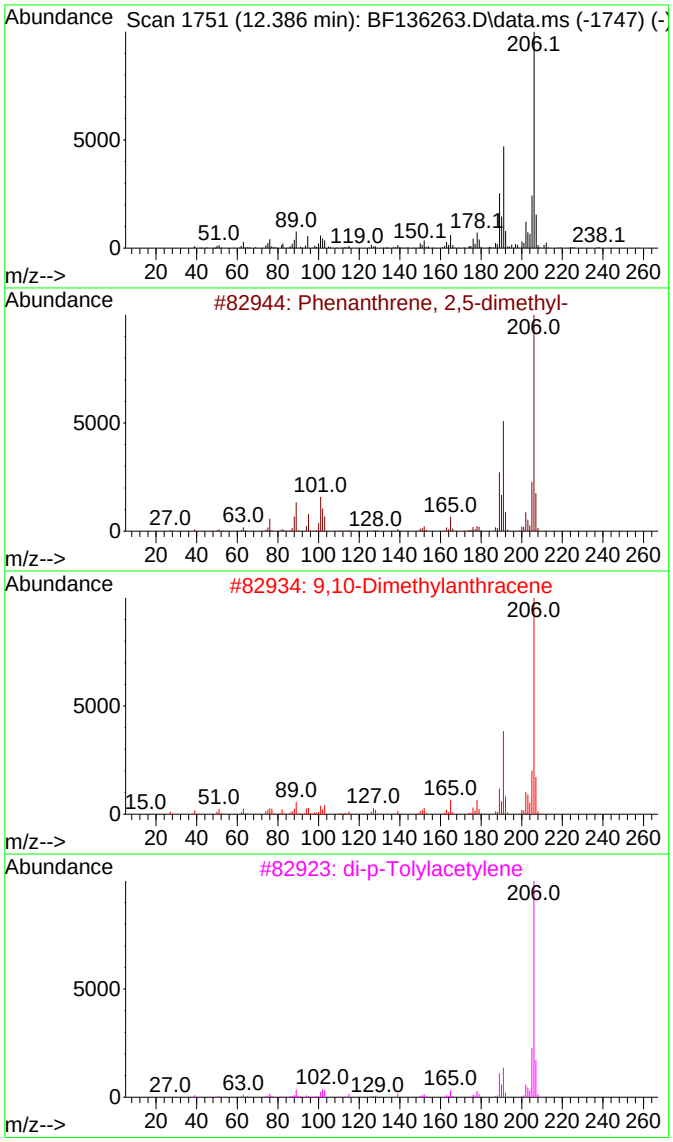
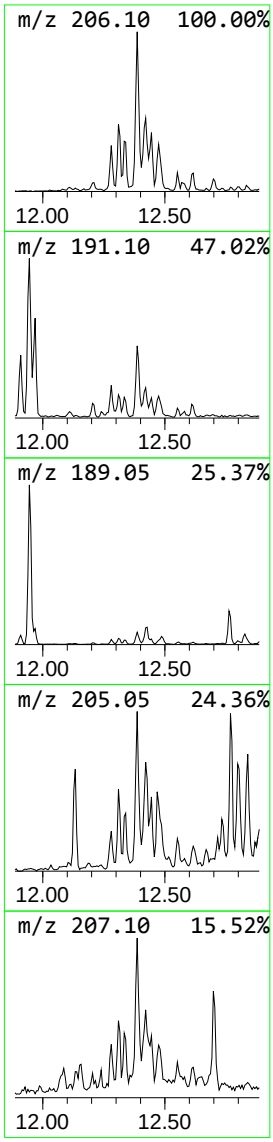
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	8.54 ng	314951	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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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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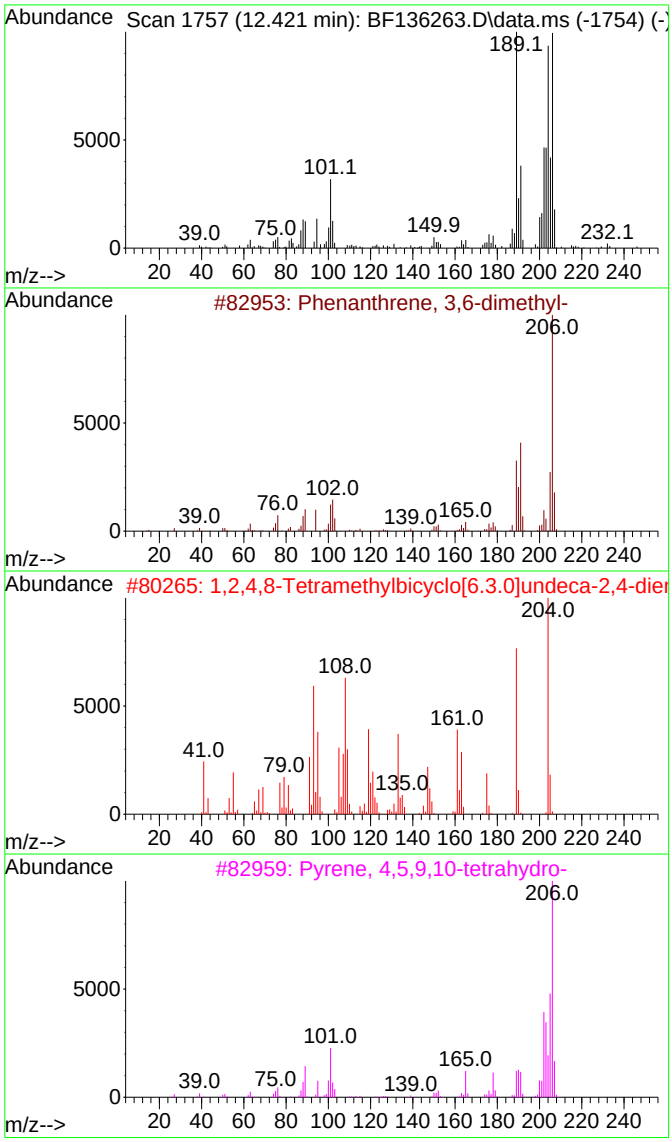
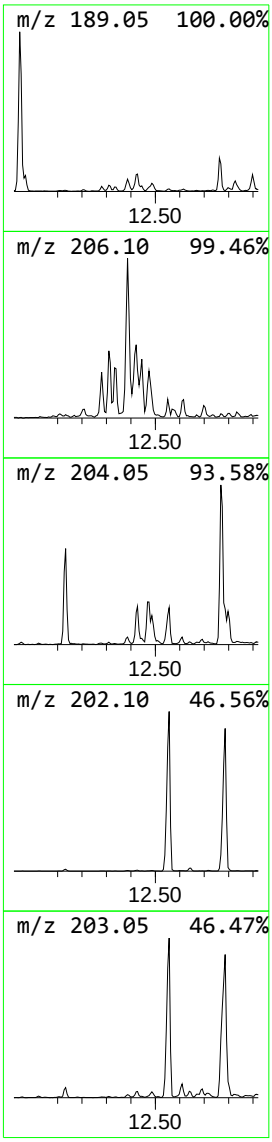
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	5.94 ng	219176	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	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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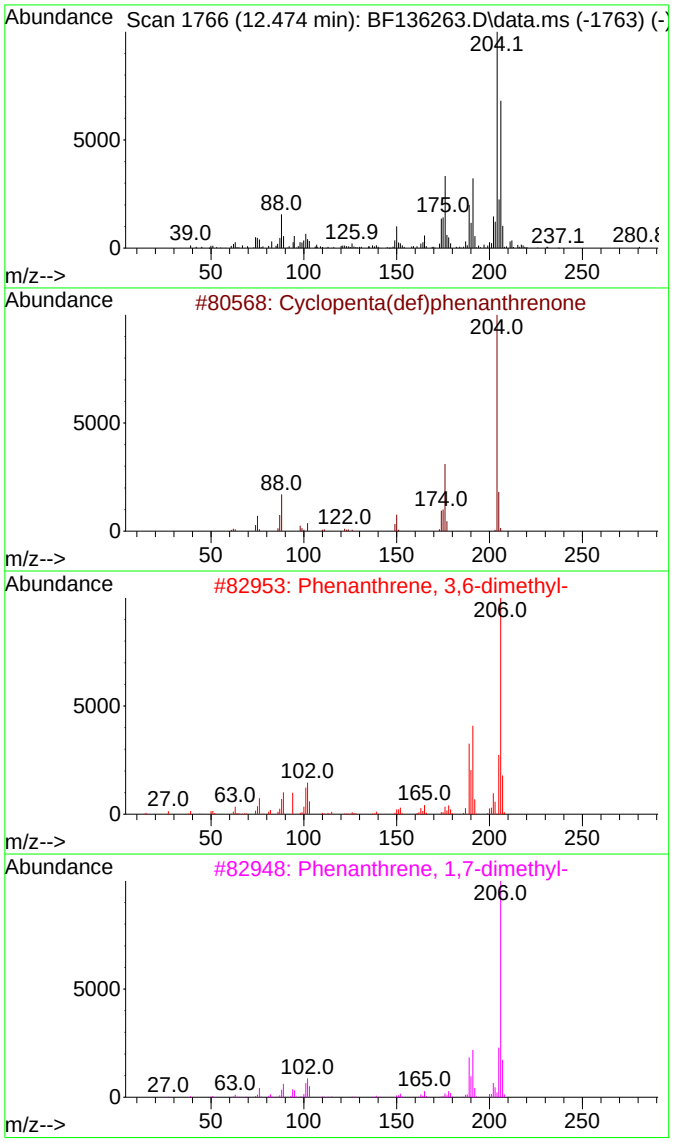
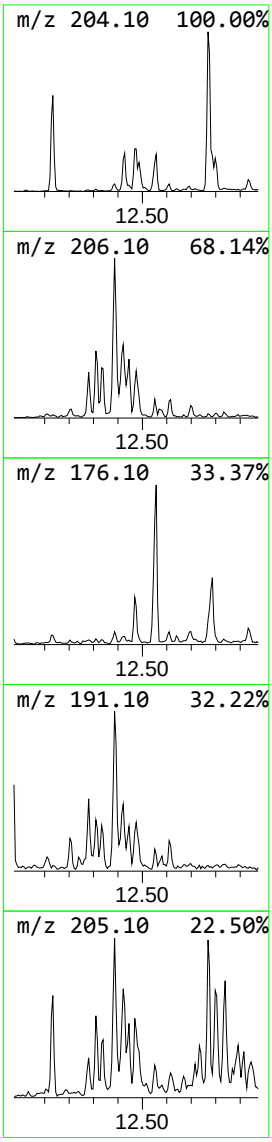
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	6.56 ng	241918	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	41
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	41
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38





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

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

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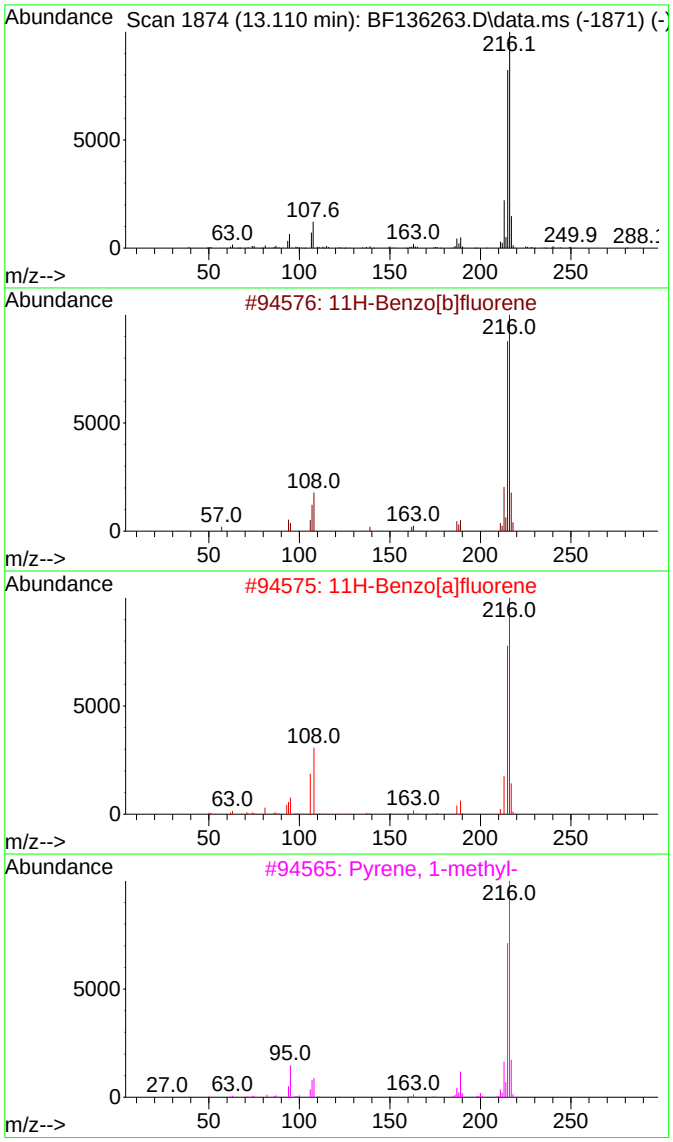
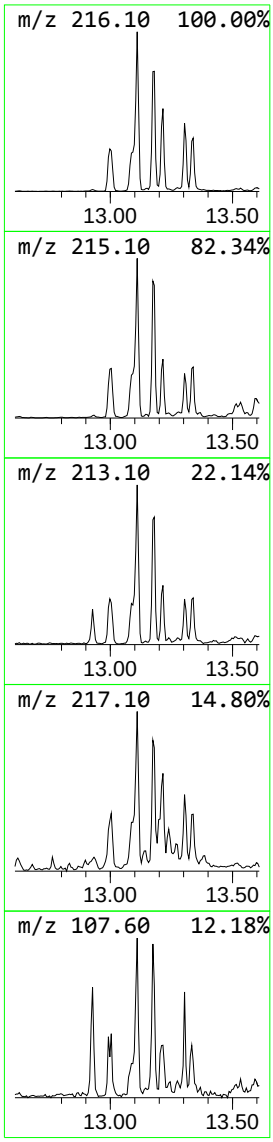
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	4.36 ng	808825	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	59





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TIC Library : C:\Database\NIST20.L
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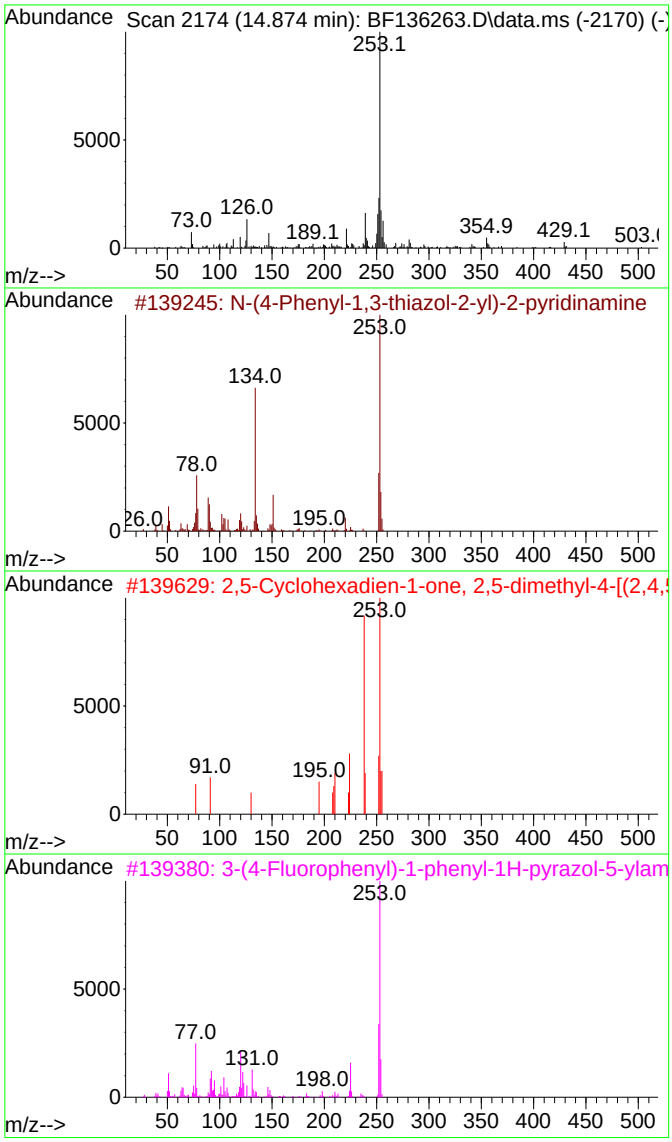
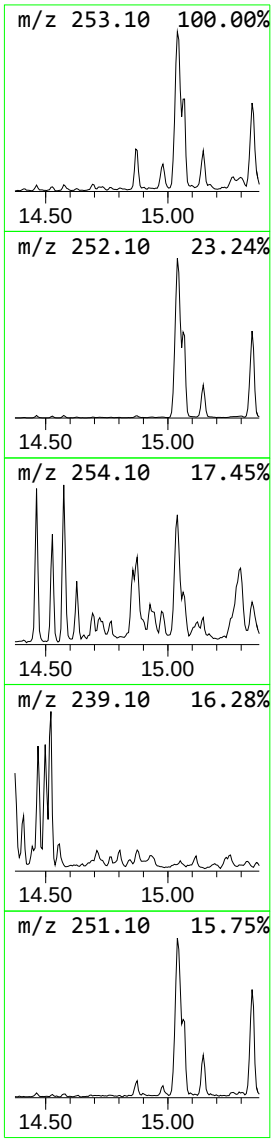
Peak Number 13 N-(4-Phenyl-1,3-thiazol-2-y... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.874	5.10 ng	157603	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	58
2	2,5-Cyclohexadien-1-one, 2,5-dim...	253	C17H19NO	054245-93-1	53
3	3-(4-Fluorophenyl)-1-phenyl-1H-p...	253	C15H12FN3	072411-53-1	53
4	5-Bromo-1-methylindole-2-carboxy...	253	C10H8BrNO2	090766-47-5	53
5	5-Nitro-4-(pyrrol-1-yl)naphthale...	253	C14H11N3O2	1000443-35-3	47





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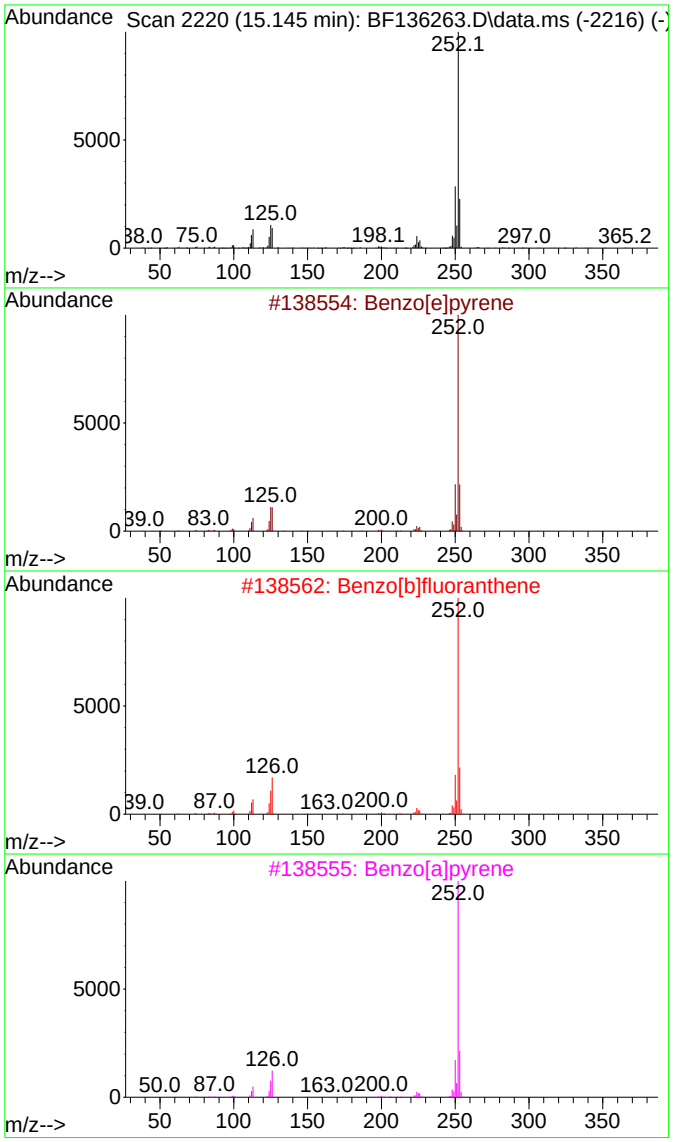
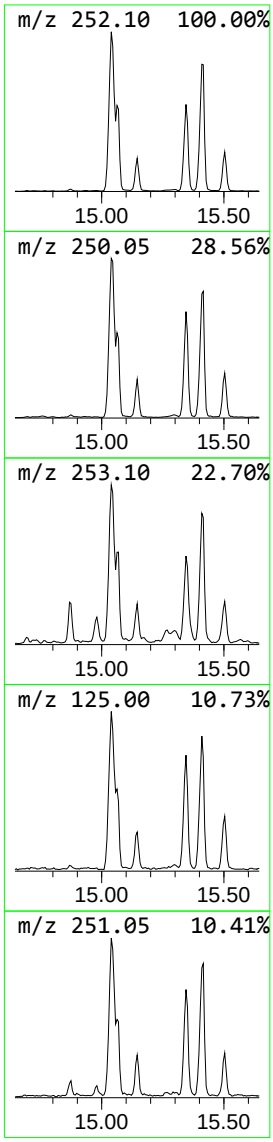
Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	14.47 ng	447154	Perylene-d12	15.474

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





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TIC Library : C:\Database\NIST20.L
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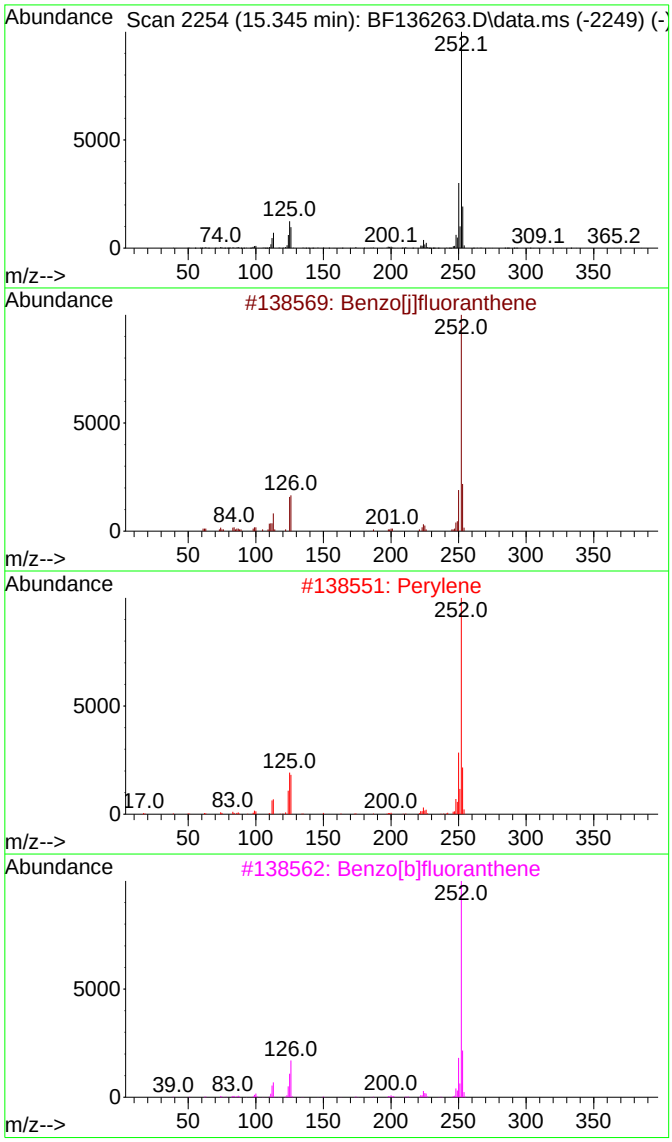
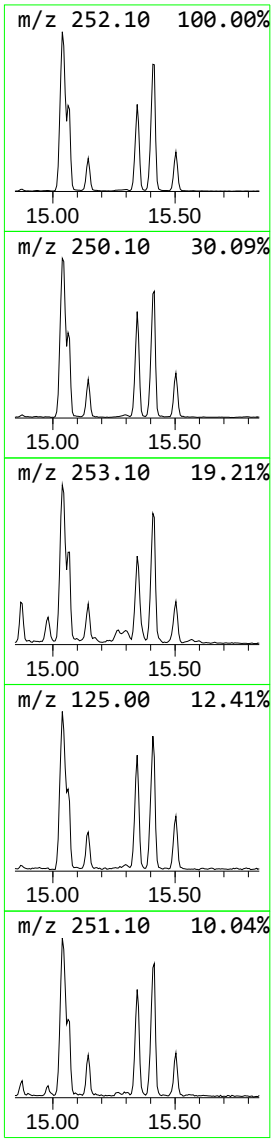
Peak Number 15 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	42.34 ng	1308080	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[e]pyrene	252	C20H12	000192-97-2	83





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TIC Integration Parameters: LSCINT.P

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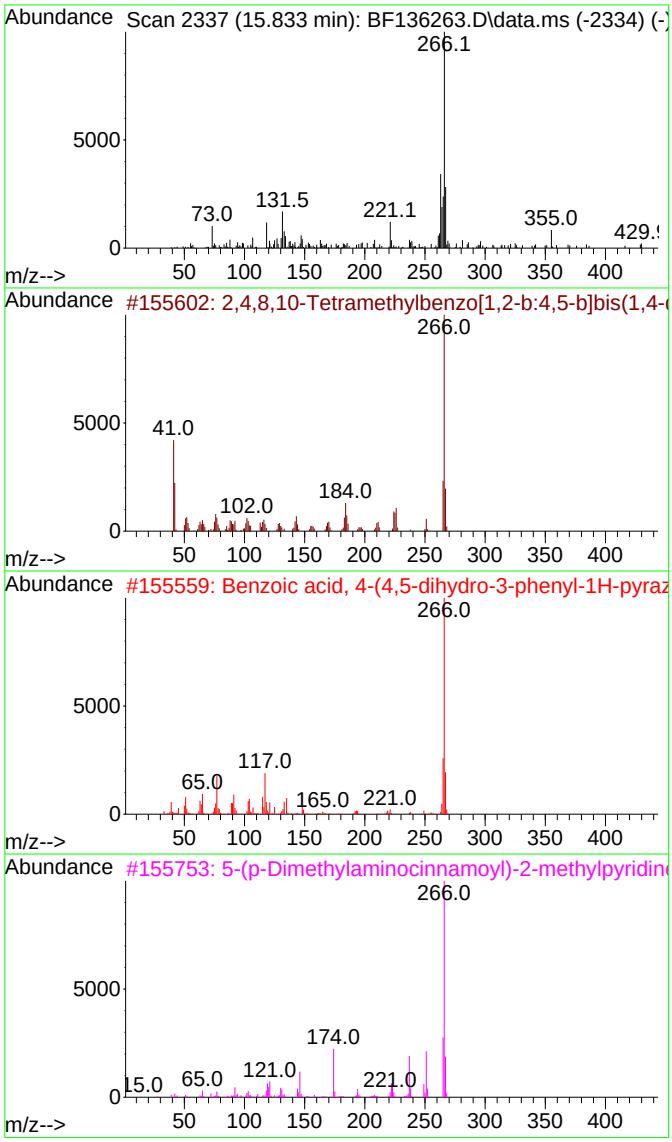
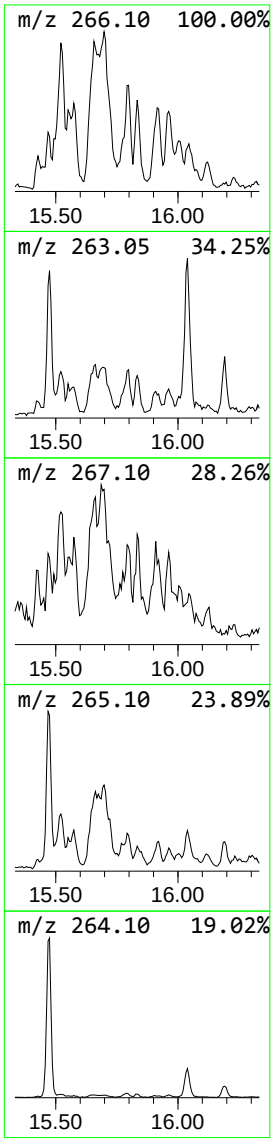
Peak Number 16 2,4,8,10-Tetramethylbenzo[1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	4.73 ng	146110	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,8,10-Tetramethylbenzo[1,2-b:...	266	C16H18N4	017377-04-7	53
2	Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	53
3	5-(p-Dimethylaminocinnamoyl)-2-m...	266	C17H18N2O	004625-19-8	50
4	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	50
5	2-Isoxazoline-3-carboxamide, N,5...	266	C16H14N2O2	1000294-15-0	47





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Data File : BF136263.D
Acq On : 28 Nov 2023 22:40
Operator : CG\JU
Sample : 05517-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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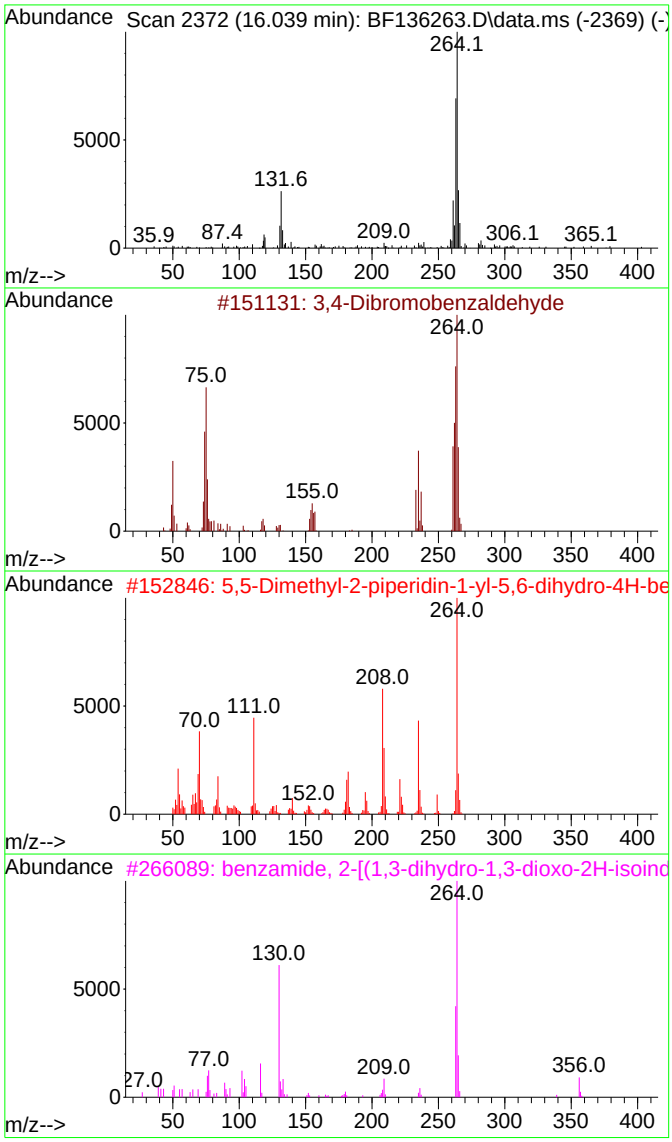
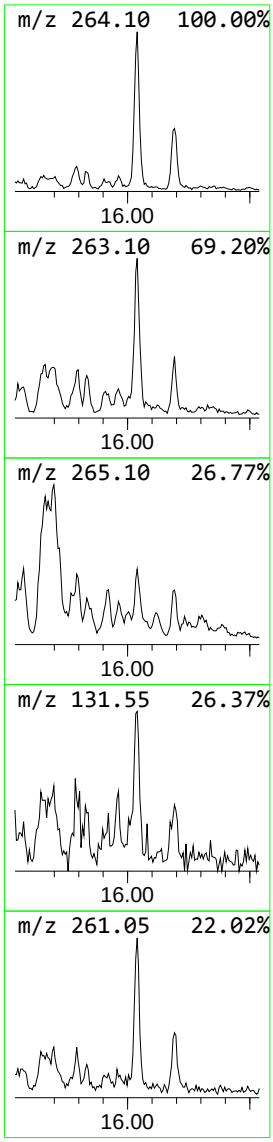
Peak Number 17 3,4-Dibromobenzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	4.63 ng	143115	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2	5,5-Dimethyl-2-piperidin-1-yl-5,...	264	C14H20N2OS	015091-02-8	43
3	benzamide, 2-[(1,3-dihydro-1,3-d...	356	C22H16N2O3	1000398-42-8	40
4	1-(4-Methoxyphenyl)-5-methyl-4-p...	264	C17H16N2O	1000436-38-1	40
5	Dehydrozingerone, TMS	264	C14H20O3Si	1000503-84-4	38





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Data File : BF136263.D
Acq On : 28 Nov 2023 22:40
Operator : CG\JU
Sample : 05517-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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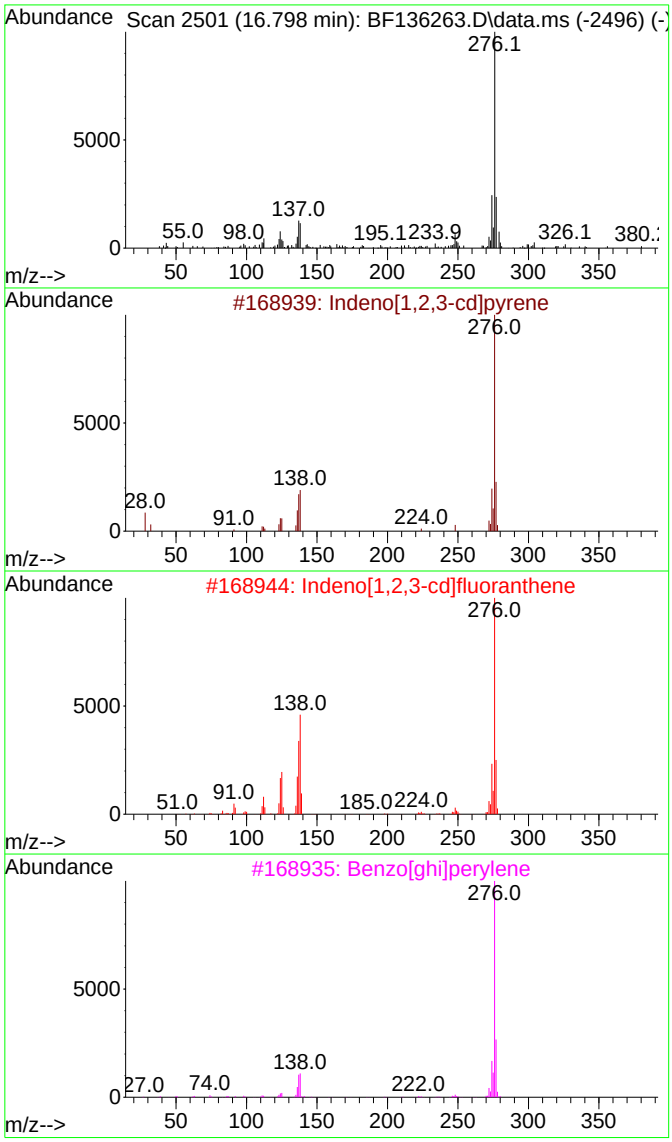
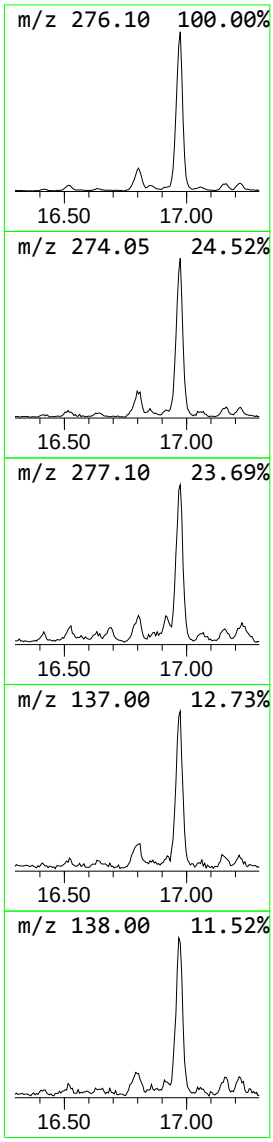
Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.798	5.71 ng	176263	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
2	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	81
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	76
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	53





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Data File : BF136263.D
Acq On : 28 Nov 2023 22:40
Operator : CG\JU
Sample : 05517-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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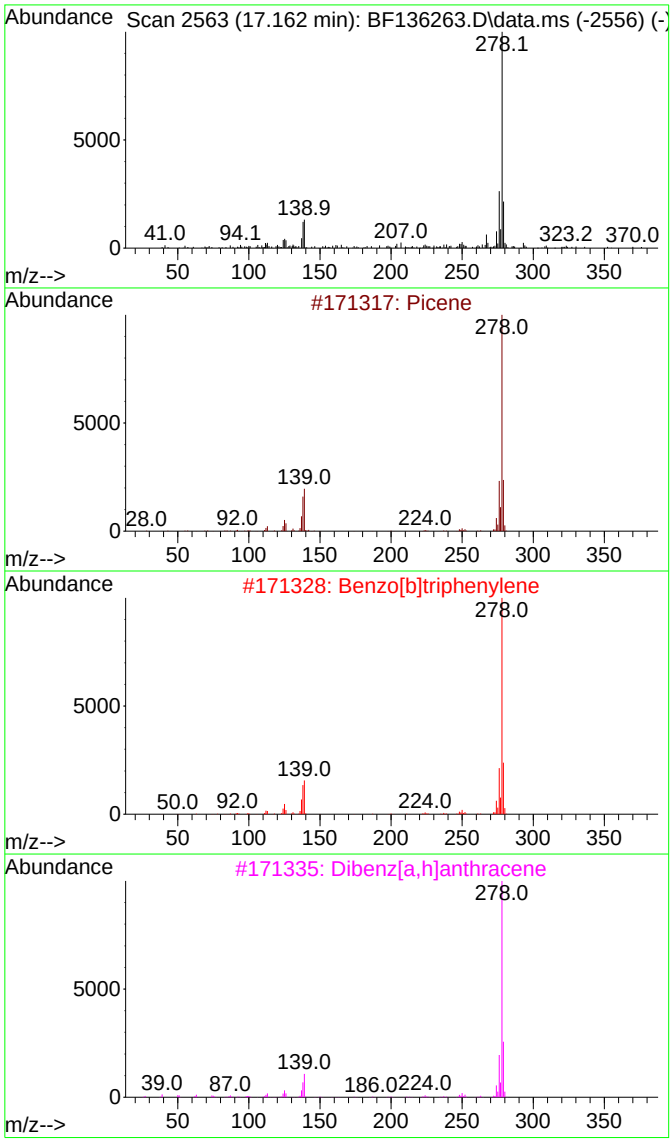
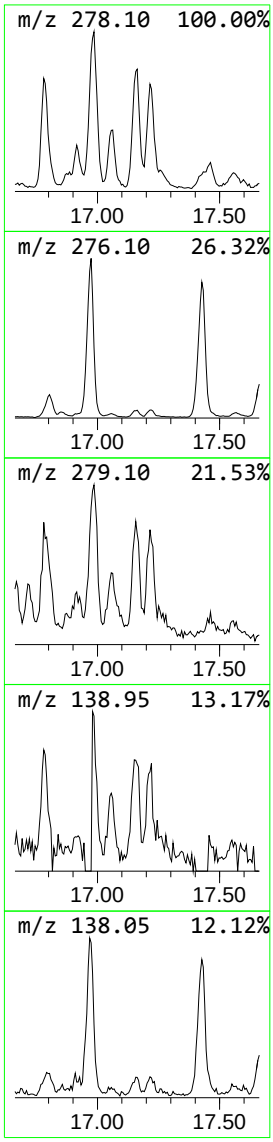
Peak Number 19 Picene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.162	5.97 ng	184530	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	90
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	90





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Operator : CG\JU
Sample : 05517-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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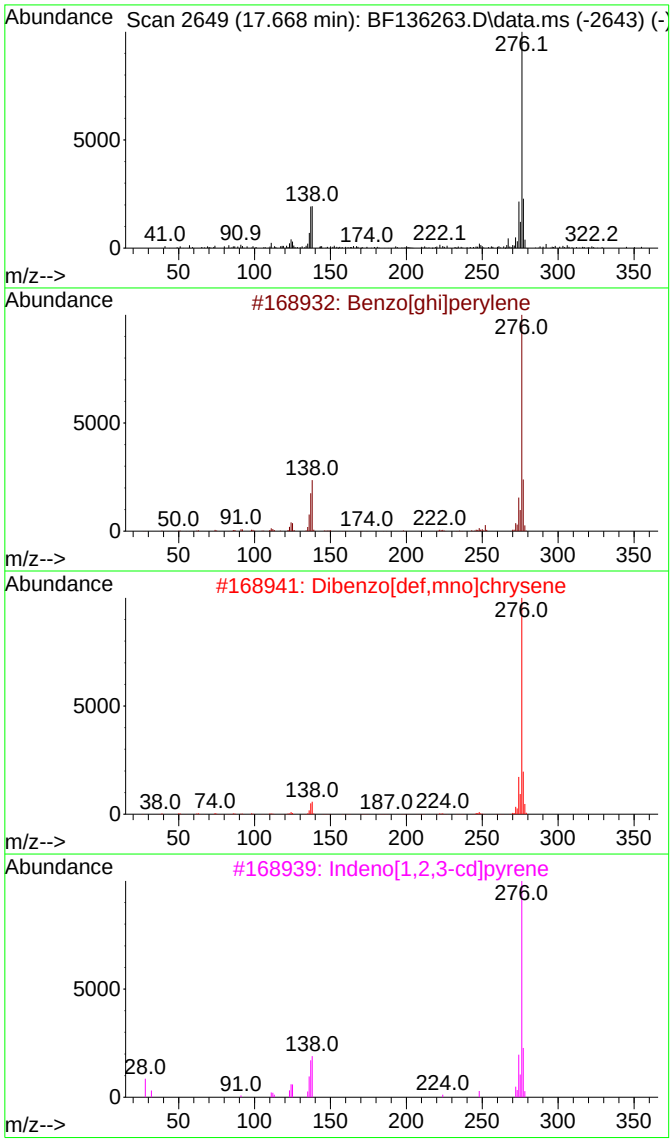
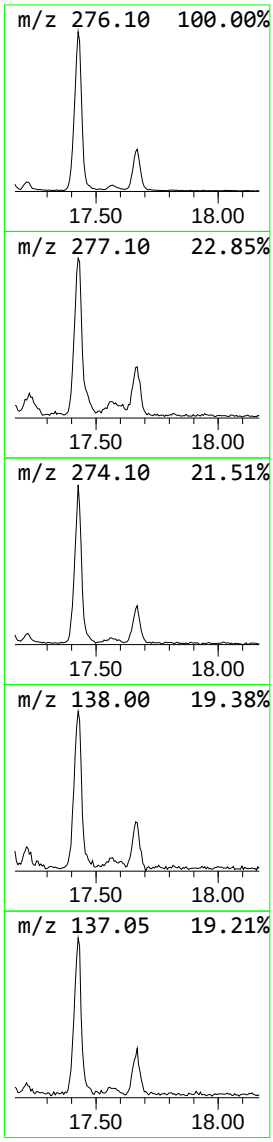
Peak Number 20 Indeno[1,2,3-cd]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.668	6.93 ng	214092	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	98
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	Benzoic acid, 2-acetoxy-6-bromo-...	316	C12H13BrO5	1000268-53-4	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136263.D
Acq On : 28 Nov 2023 22:40
Operator : CG\JU
Sample : 05517-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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
Butane, 2-metho...	2.128	11.5	ng	456397	1	6.804	792579	20.0
Indane	6.981	5.7	ng	227237	1	6.804	792579	20.0
Dibenzothiophene	11.222	5.5	ng	201200	4	11.327	737790	20.0
Phenanthrene, 2...	11.833	8.8	ng	325579	4	11.327	737790	20.0
Phenanthrene, 1...	11.863	13.6	ng	500101	4	11.327	737790	20.0
Anthracene, 2-m...	11.910	4.7	ng	172732	4	11.327	737790	20.0
4H-Cyclopenta[d...	11.945	27.9	ng	1027790	4	11.327	737790	20.0
Naphthalene, 2-...	12.133	5.6	ng	206564	4	11.327	737790	20.0
Phenanthrene, 2...	12.386	8.5	ng	314951	4	11.327	737790	20.0
Phenanthrene, 3...	12.421	5.9	ng	219176	4	11.327	737790	20.0
Cyclopenta(def)...	12.474	6.6	ng	241918	4	11.327	737790	20.0
11H-Benzo[b]flu...	13.110	4.4	ng	808825	5	13.986	3713230	20.0
N-(4-Phenyl-1,3...	14.874	5.1	ng	157603	6	15.474	617838	20.0
Benzo[e]pyrene	15.145	14.5	ng	447154	6	15.474	617838	20.0
Benzo[j]fluoran...	15.345	42.3	ng	1308080	6	15.474	617838	20.0
2,4,8,10-Tetram...	15.833	4.7	ng	146110	6	15.474	617838	20.0
3,4-Dibromobenz...	16.039	4.6	ng	143115	6	15.474	617838	20.0
Dibenzo[def,mno...	16.798	5.7	ng	176263	6	15.474	617838	20.0
Picene	17.162	6.0	ng	184530	6	15.474	617838	20.0
Indeno[1,2,3-cd...	17.668	6.9	ng	214092	6	15.474	617838	20.0