LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
Data File : BF133307.D
Acq On : 08 May 2023 21:49
Operator : CG\JU
Sample : 02655-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

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: BF133307.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.910	474	480	487	rBV	1057599	1299746	24.73%	1.529%
2	5.334	548	552	555	rBV	3802826	3578126	68.07%	4.209%
3	6.363	722	727	730	rBV	3870048	3465736	65.93%	4.077%
4	6.722	784	788	791	rBV	1389322	1146171	21.80%	1.348%
5	7.287	879	884	887	rBV	2589566	2241857	42.65%	2.637%
6	8.004	1002	1006	1008	rBV	1960087	1474343	28.05%	1.734%
7	8.716	1124	1127	1130	rBV	183040	132289	2.52%	0.156%
8	8.816	1139	1144	1147	rVB	173558	148942	2.83%	0.175%
9	9.081	1185	1189	1192	rBV	4877925	3777397	71.86%	4.444%
10	9.345	1227	1234	1238	rBV	111603	150573	2.86%	0.177%
11	9.416	1241	1246	1248	rBV	203521	184904	3.52%	0.218%
12	9.757	1298	1304	1306	rBV	1815894	1554944	29.58%	1.829%
13	9.787	1306	1309	1313	rVB	1410444	1065472	20.27%	1.253%
14	9.957	1335	1338	1342	rBV	751609	588858	11.20%	0.693%
15	10.304	1393	1397	1400	rBV	1398930	1288036	24.50%	1.515%
16	10.369	1402	1408	1409	rBV2	149624	192770	3.67%	0.227%
17	10.387	1409	1411	1414	rVB	215223	160638	3.06%	0.189%
18	10.463	1421	1424	1428	rVB2	413616	426107	8.11%	0.501%
19	10.545	1433	1438	1441	rVV	2091710	2073722	39.45%	2.440%
20	10.663	1454	1458	1463	rVB2	85302	107922	2.05%	0.127%
21	10.851	1483	1490	1492	rBV2	248944	309974	5.90%	0.365%
22	10.934	1500	1504	1506	rVB2	102588	116719	2.22%	0.137%
23	10.975	1506	1511	1513	rBV2	112461	141235	2.69%	0.166%
24	11.039	1520	1522	1527	rVB2	102288	109549	2.08%	0.129%
25	11.087	1527	1530	1534	rBV	134350	153879	2.93%	0.181%
26	11.134	1534	1538	1541	rVB	427563	342230	6.51%	0.403%
27	11.239	1552	1556	1557	rBV	1375252	1206318	22.95%	1.419%
28	11.269	1557	1561	1564	rVV	5533178	5256662	100.00%	6.184%
29	11.316	1564	1569	1572	rVV	2664228	2195599	41.77%	2.583%
30	11.345	1572	1574	1578	rVB	203484	167491	3.19%	0.197%
31	11.451	1588	1592	1593	rBV	149435	156610	2.98%	0.184%
32	11.469	1593	1595	1597	rVB	707218	502421	9.56%	0.591%
33	11.534	1603	1606	1609	rBV3	126737	111287	2.12%	0.131%
34	11.569	1609	1612	1617	rVB2	102427	106853	2.03%	0.126%
35	11.739	1635	1641	1643	rBV	605615	576316	10.96%	0.678%
36	11.769	1643	1646	1650	rVV	874739	838750	15.96%	0.987%

LSC Area Percent Report

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Operator : CG\JU
Sample : 02655-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

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	11.816	1650	1654	1656	rVV	423973	413795	7.87%	0.487%
38	11.851	1656	1660	1662	rVV	1207869	1178576	22.42%	1.386%
39	11.869	1662	1663	1668	rVB	342715	270098	5.14%	0.318%
40	12.034	1688	1691	1693	rBV	433502	334630	6.37%	0.394%
41	12.181	1712	1716	1719	rBV2	106070	116038	2.21%	0.137%
42	12.210	1719	1721	1724	rVV	117144	119667	2.28%	0.141%
43	12.286	1730	1734	1737	rVV	243154	296765	5.65%	0.349%
44	12.328	1737	1741	1746	rVV2	186083	292574	5.57%	0.344%
45	12.369	1746	1748	1756	rVV2	157535	231221	4.40%	0.272%
46	12.457	1758	1763	1766	rVV	4735491	5032066	95.73%	5.920%
47	12.510	1766	1772	1775	rVV2	133085	197562	3.76%	0.232%
48	12.598	1779	1787	1794	rVV2	194906	347399	6.61%	0.409%
49	12.681	1794	1801	1803	rBV2	4079105	4793036	91.18%	5.639%
50	12.698	1803	1804	1806	rVV	353531	204708	3.89%	0.241%
51	12.728	1806	1809	1817	rVB2	213507	255363	4.86%	0.300%
52	12.792	1817	1820	1822	rBV	283885	279098	5.31%	0.328%
53	12.822	1822	1825	1832	rVB	3084141	2992767	56.93%	3.521%
54	12.898	1832	1838	1841	rBV3	281039	494057	9.40%	0.581%
55	12.928	1841	1843	1845	rVB	180493	131051	2.49%	0.154%
56	12.981	1845	1852	1853	rBV5	255222	325011	6.18%	0.382%
57	13.004	1853	1856	1859	rVB	1036085	907640	17.27%	1.068%
58	13.069	1864	1867	1870	rVV	966550	914752	17.40%	1.076%
59	13.110	1870	1874	1877	rVV2	461958	570643	10.86%	0.671%
60	13.139	1877	1879	1881	rVV2	115264	111491	2.12%	0.131%
61	13.163	1881	1883	1886	rVV	130799	126836	2.41%	0.149%
62	13.198	1886	1889	1892	rVV	197772	191759	3.65%	0.226%
63	13.228	1892	1894	1901	rVV2	213340	290297	5.52%	0.342%
64	13.486	1934	1938	1940	rBV2	163696	187583	3.57%	0.221%
65	13.522	1940	1944	1947	rVB3	126669	201518	3.83%	0.237%
66	13.622	1956	1961	1964	rBV	395498	459979	8.75%	0.541%
67	13.651	1964	1966	1968	rVV	397239	359434	6.84%	0.423%
68	13.675	1968	1970	1976	rVV3	349910	584755	11.12%	0.688%
69	13.733	1976	1980	1984	rVV3	184976	359407	6.84%	0.423%
70	13.792	1987	1990	1993	rVV	120868	157612	3.00%	0.185%
71	13.869	1996	2003	2006	rVV2	2855157	4214212	80.17%	4.958%
72	13.904	2006	2009	2014	rVV	2072055	2110408	40.15%	2.483%
73	13.980	2015	2022	2025	rVV2	730650	978198	18.61%	1.151%
74	14.016	2025	2028	2030	rVV	270164	293106	5.58%	0.345%
75	14.063	2033	2036	2038	rVV	361934	368859	7.02%	0.434%
76	14.098	2038	2042	2045	rVV2	340412	451031	8.58%	0.531%

LSC Area Percent Report

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Operator : CG\JU
Sample : 02655-01
Misc :
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Instrument : BNA_F
ClientSampleId : SS-1

Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.198	2055	2059	2061	rBV2	133973	172289	3.28%	0.203%
78	14.257	2065	2069	2072	rVV	434900	475376	9.04%	0.559%
79	14.292	2072	2075	2079	rVB2	239172	215100	4.09%	0.253%
80	14.351	2079	2085	2088	rBV2	369365	469278	8.93%	0.552%
81	14.380	2088	2090	2092	rVV	234498	226272	4.30%	0.266%
82	14.404	2092	2094	2098	rVB3	363195	293876	5.59%	0.346%
83	14.457	2101	2103	2109	rVB3	173739	184055	3.50%	0.217%
84	14.563	2118	2121	2123	rBV3	142087	173840	3.31%	0.205%
85	14.639	2131	2134	2137	rBV2	93890	108619	2.07%	0.128%
86	14.739	2148	2151	2158	rVB	204599	271662	5.17%	0.320%
87	14.892	2172	2177	2180	rBV	1989268	3078751	58.57%	3.622%
88	14.992	2191	2194	2199	rVB	554274	532516	10.13%	0.626%
89	15.075	2205	2208	2210	rBV3	114526	151563	2.88%	0.178%
90	15.180	2221	2226	2231	rVB	1151909	1568659	29.84%	1.845%
91	15.239	2231	2236	2241	rBV	1928249	2321750	44.17%	2.731%
92	15.292	2241	2245	2248	rVV	934122	1179916	22.45%	1.388%
93	15.322	2248	2250	2257	rVB2	597348	752408	14.31%	0.885%
94	15.822	2332	2335	2339	rVB2	156331	187407	3.57%	0.220%
95	15.957	2355	2358	2363	rBV3	87754	107882	2.05%	0.127%
96	16.669	2474	2479	2488	rVB2	712691	1281954	24.39%	1.508%
97	16.833	2503	2507	2511	rBV2	141423	225793	4.30%	0.266%
98	16.886	2513	2516	2521	rVV2	86931	146484	2.79%	0.172%
99	17.080	2544	2549	2559	rVB	488174	941261	17.91%	1.107%
100	17.298	2582	2586	2600	rVB2	193073	443284	8.43%	0.521%

Sum of corrected areas: 85005443

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Instrument :
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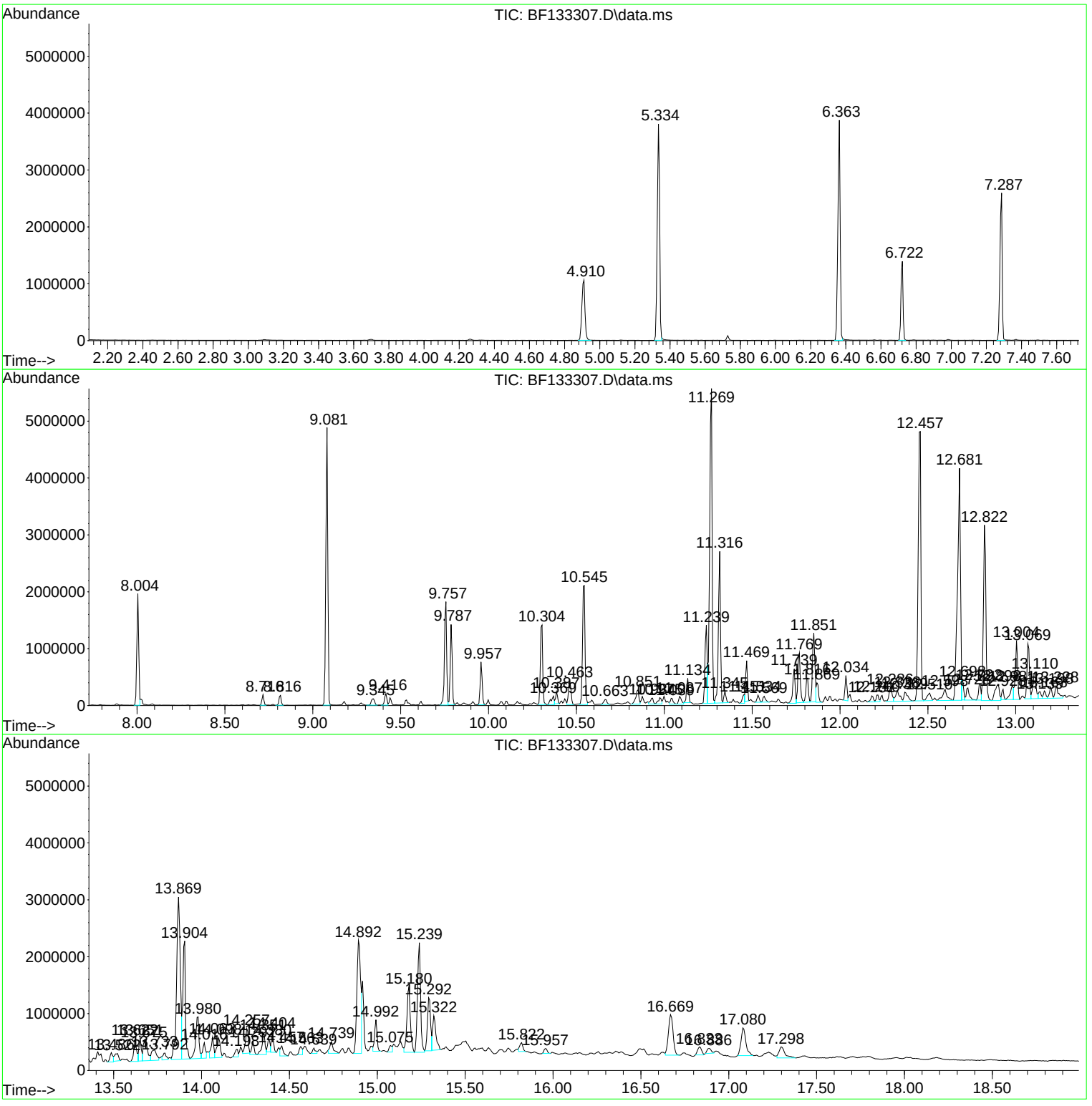
SS-1

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\BF050823\
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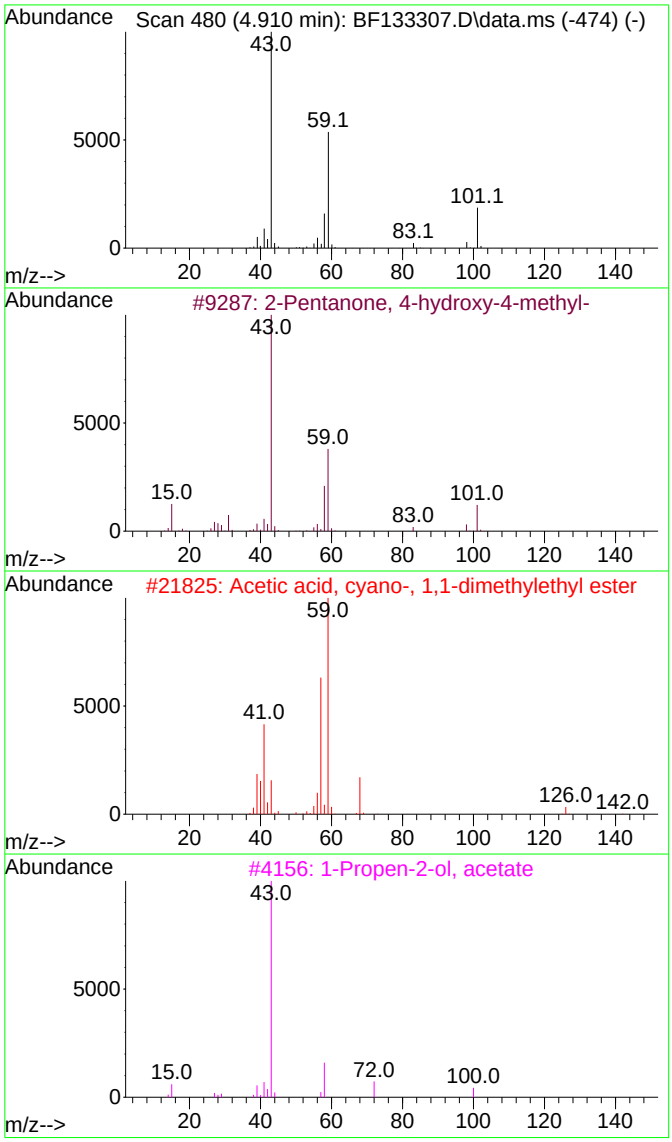
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

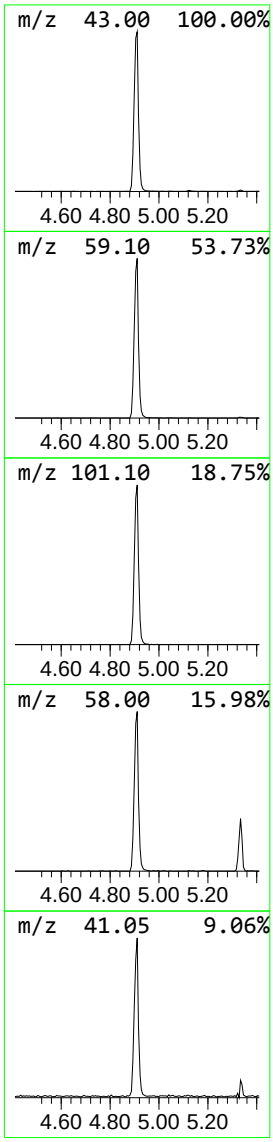
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.910	22.68 ng	1299750	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	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

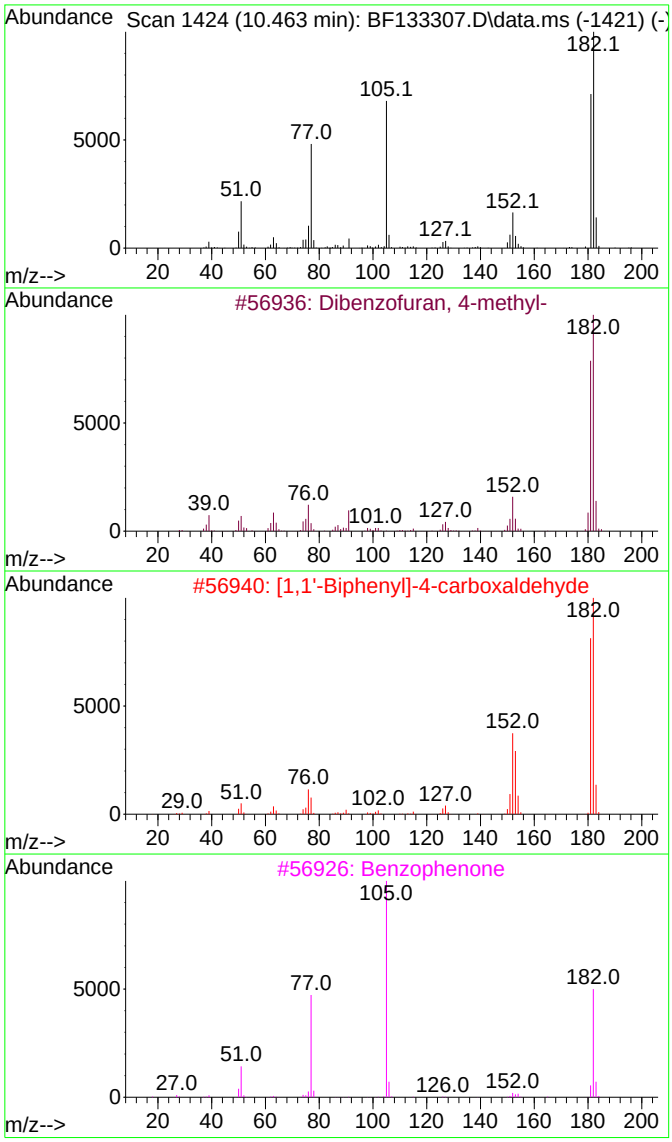
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

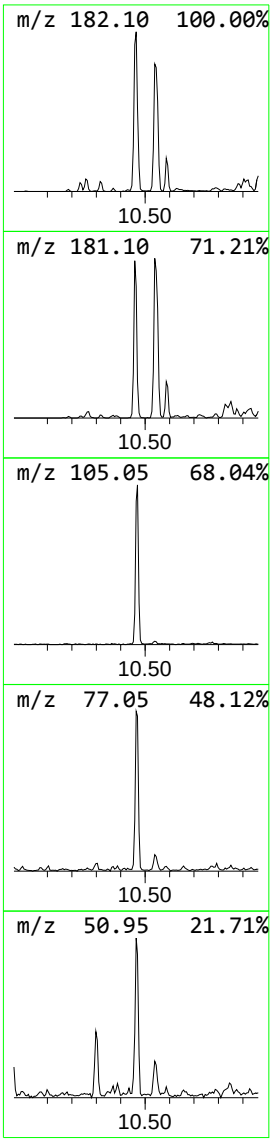
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	5.48 ng	426107	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
3	Benzophenone	182	C13H10O	000119-61-9	64
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	58
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	58





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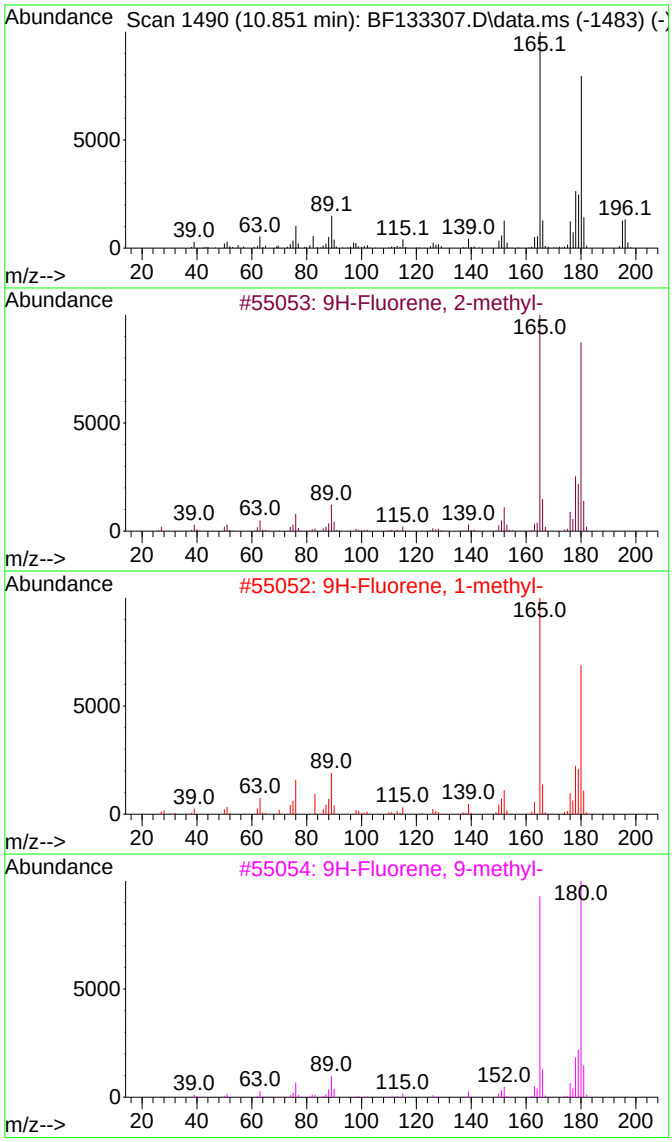
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

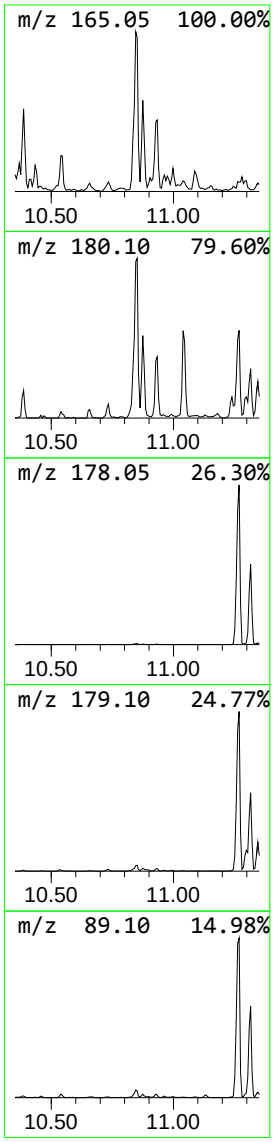
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.851	5.14 ng	309974	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	92
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70





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ALS Vial : 22 Sample Multiplier: 1

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

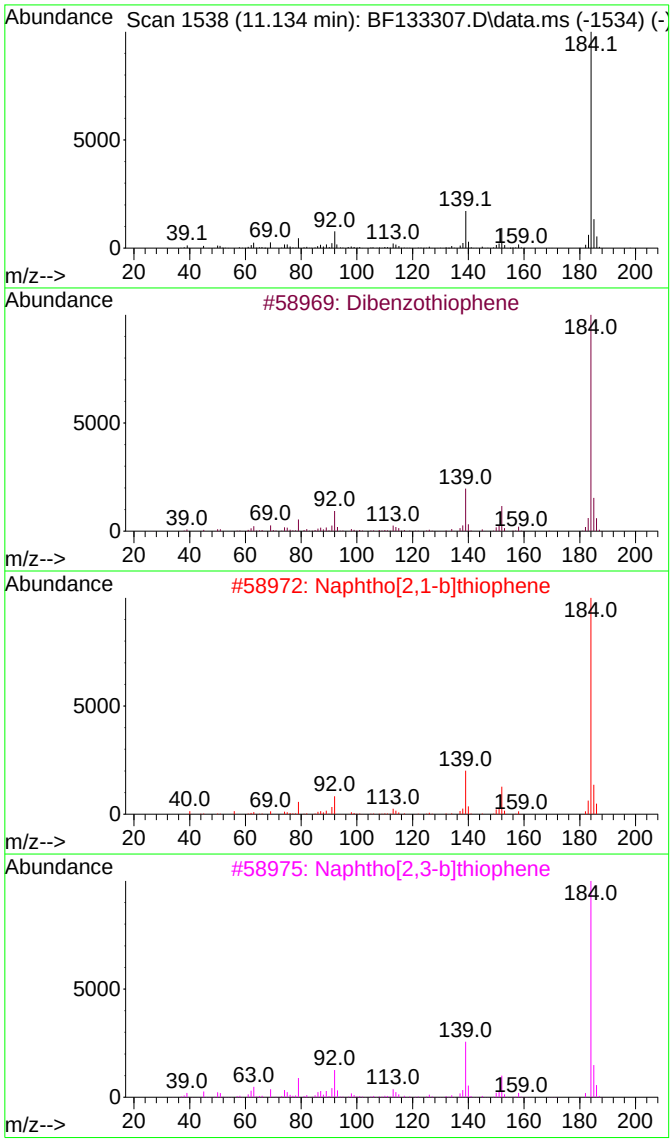
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

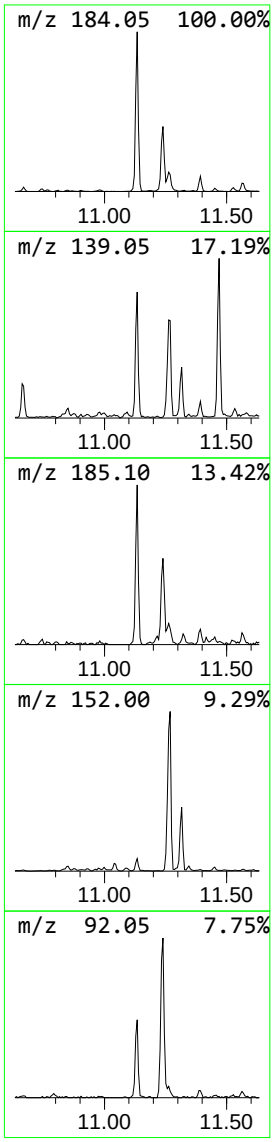
****

Peak Number 4 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.134	5.67 ng	342230	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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Data File : BF133307.D
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Operator : CG\JU
Sample : 02655-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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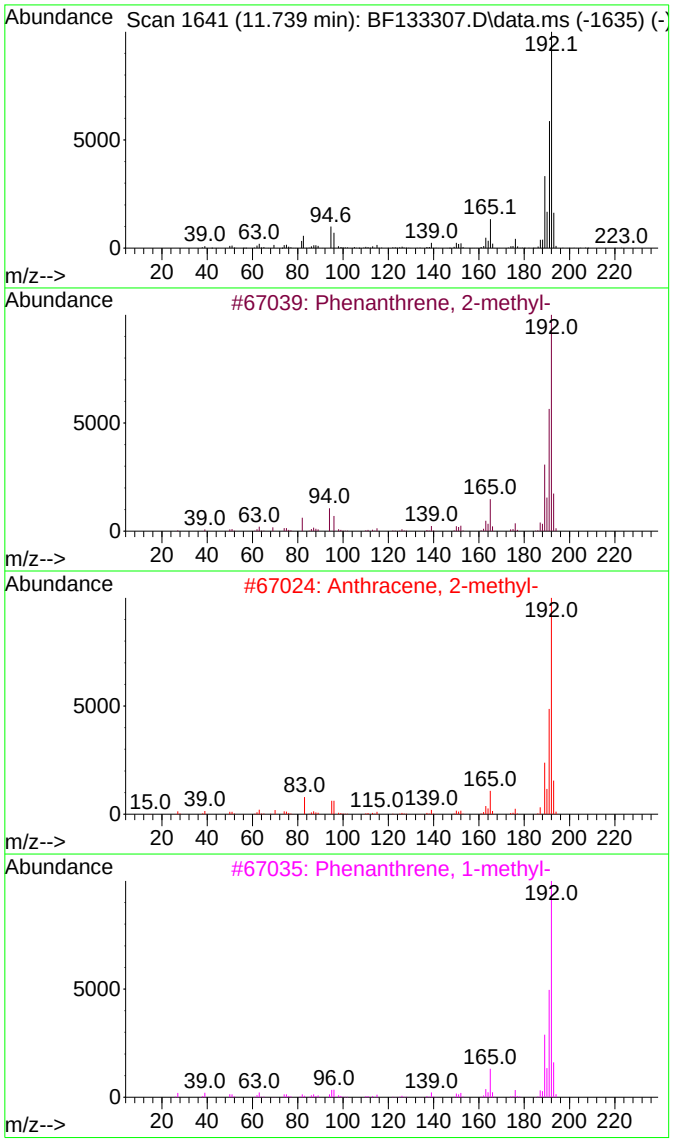
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

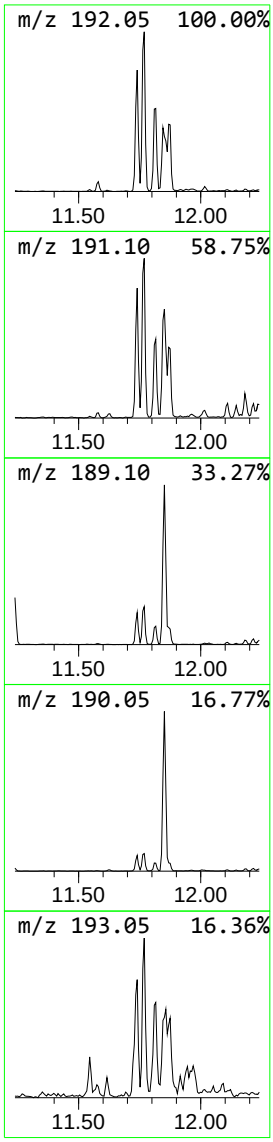
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.740	9.55 ng	576316	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Acq On : 08 May 2023 21:49
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Sample : 02655-01
Misc :
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Instrument :
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ClientSampleId :
SS-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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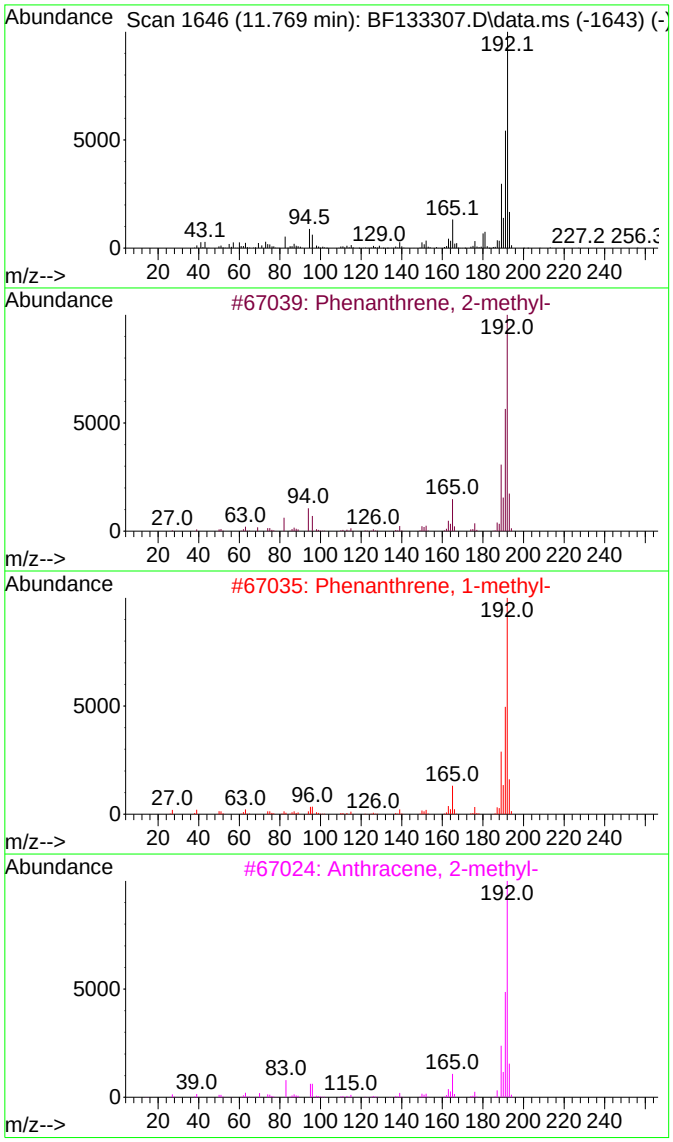
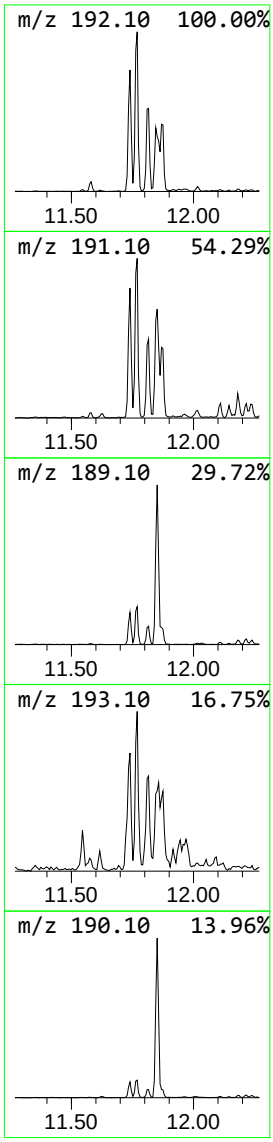
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	13.91 ng	838750	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Misc :
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Instrument :
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ClientSampleId :
SS-1

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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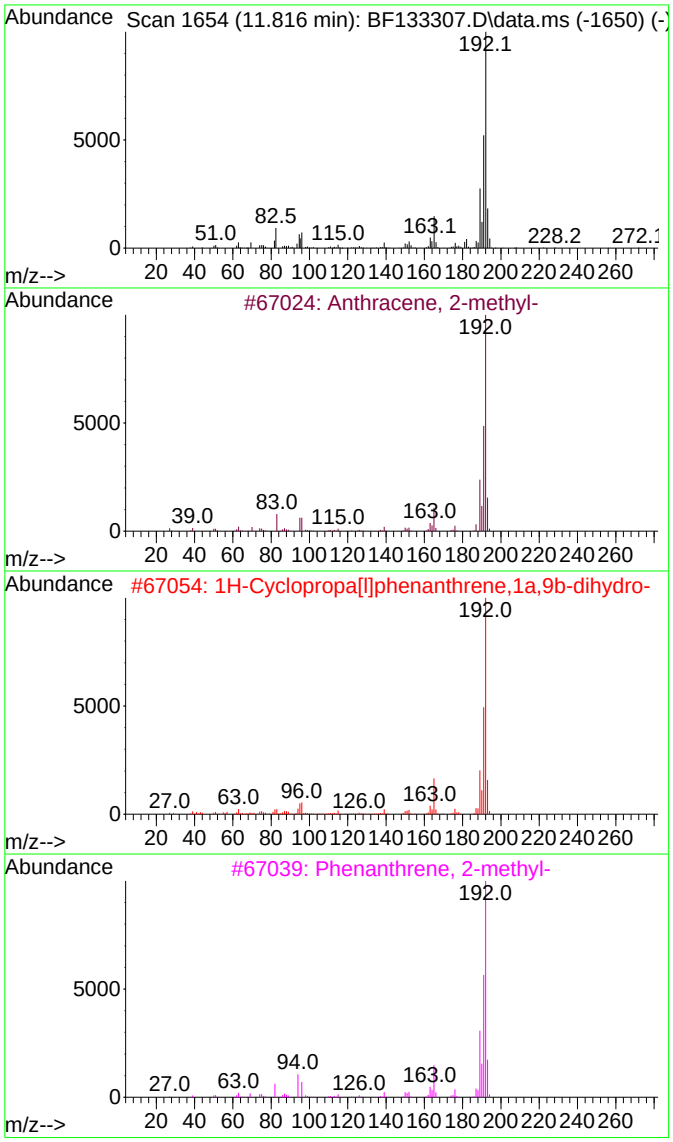
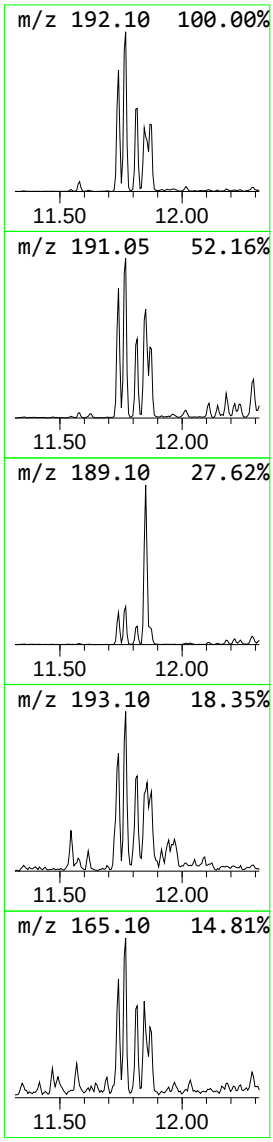
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	6.86 ng	413795	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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ALS Vial : 22 Sample Multiplier: 1

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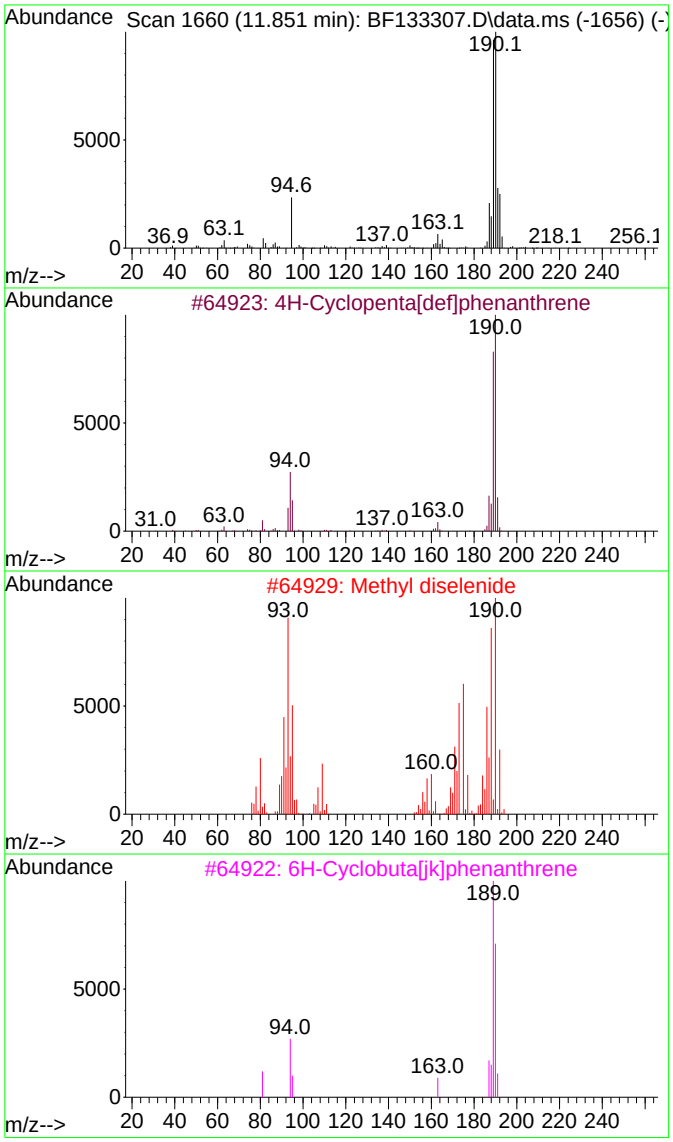
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

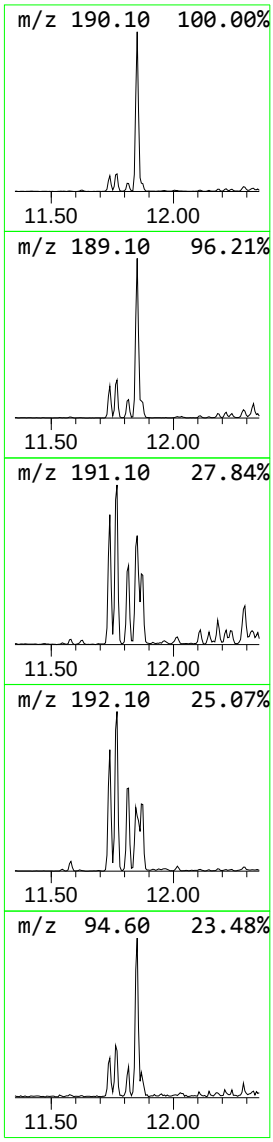
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	19.54 ng	1178580	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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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

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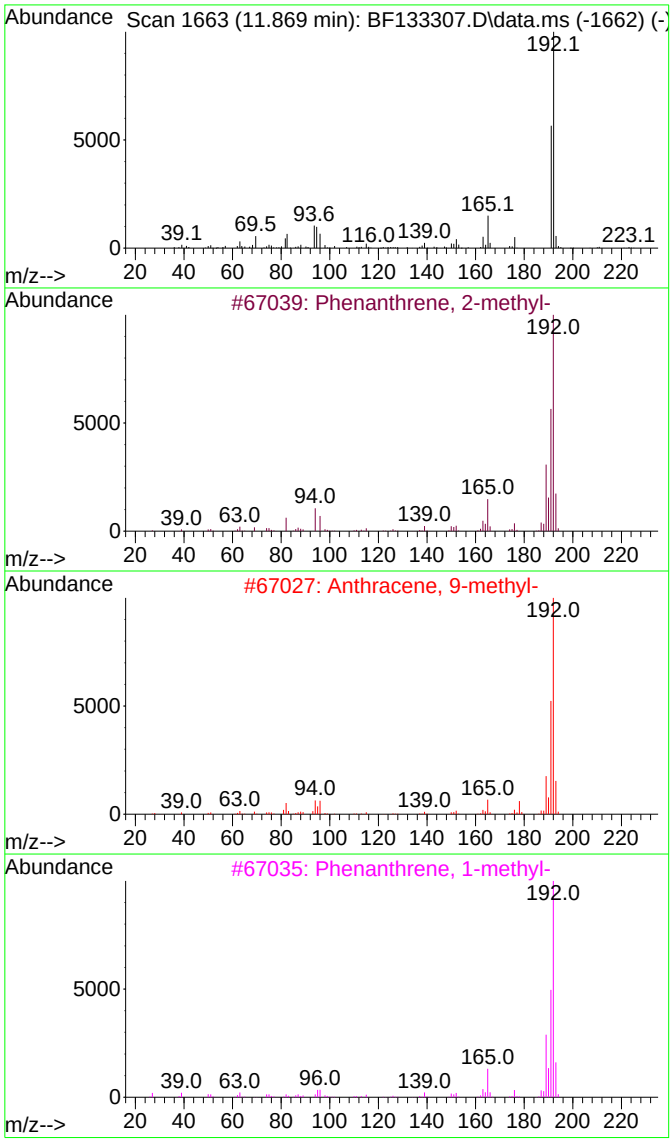
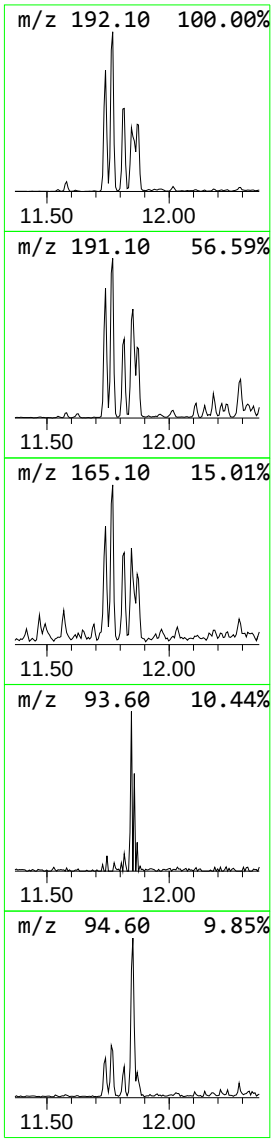
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	4.48 ng	270098	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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ALS Vial : 22 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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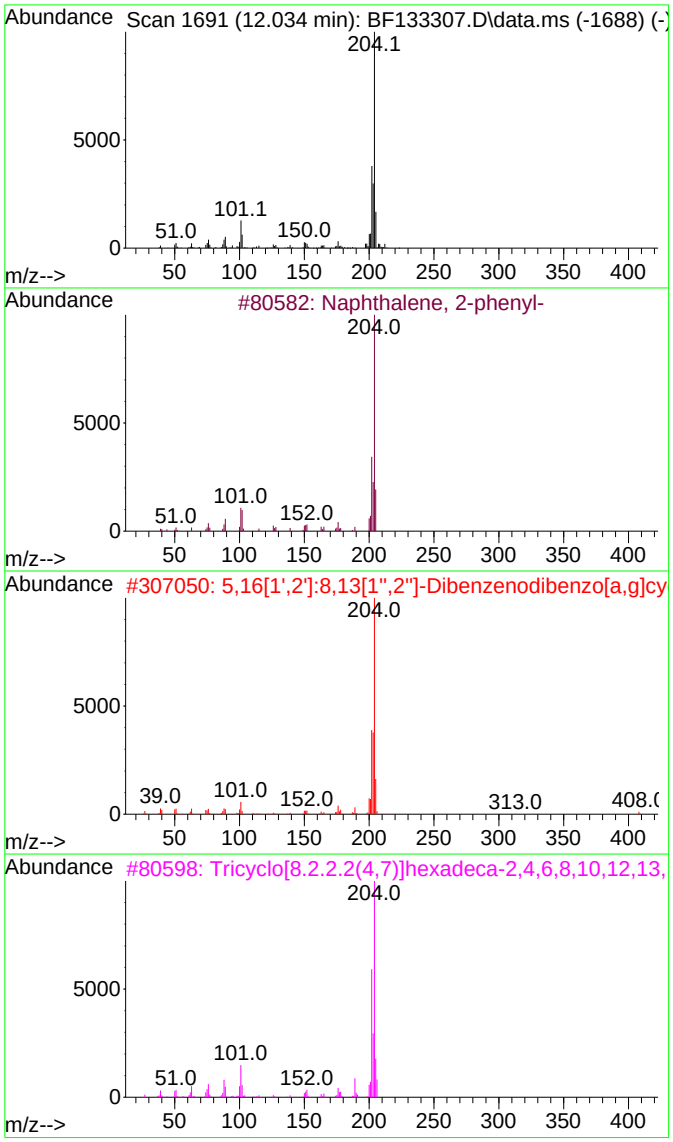
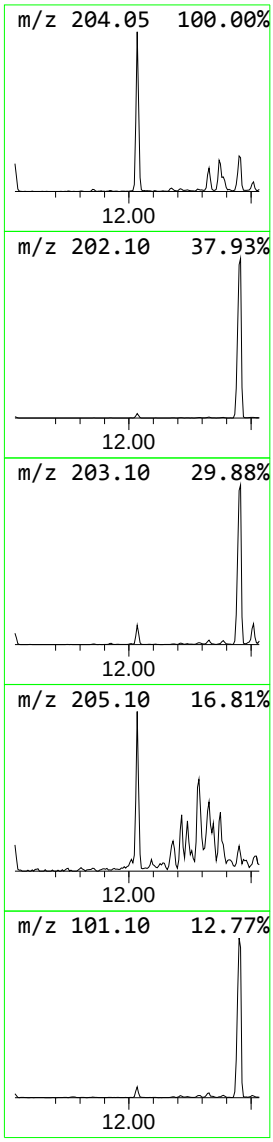
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.034	5.55 ng	334630	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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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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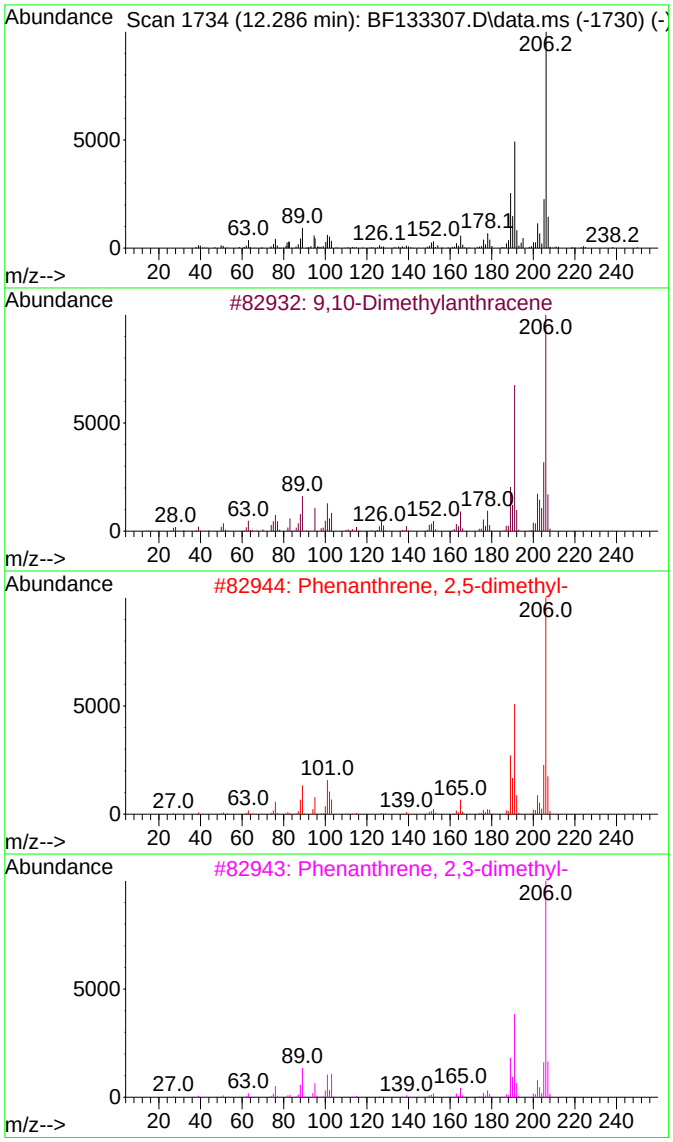
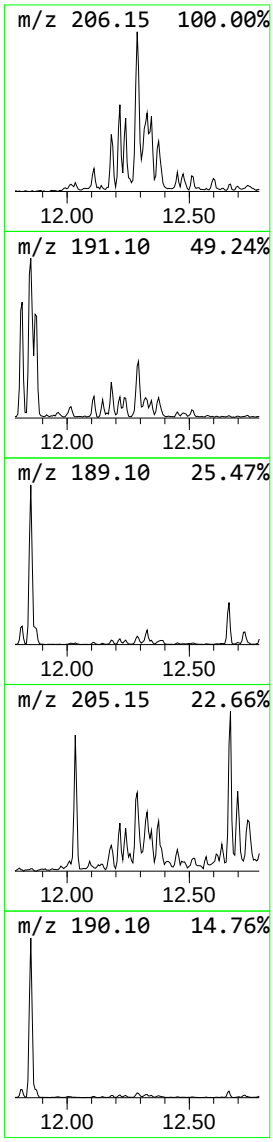
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.287	4.92 ng	296765	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

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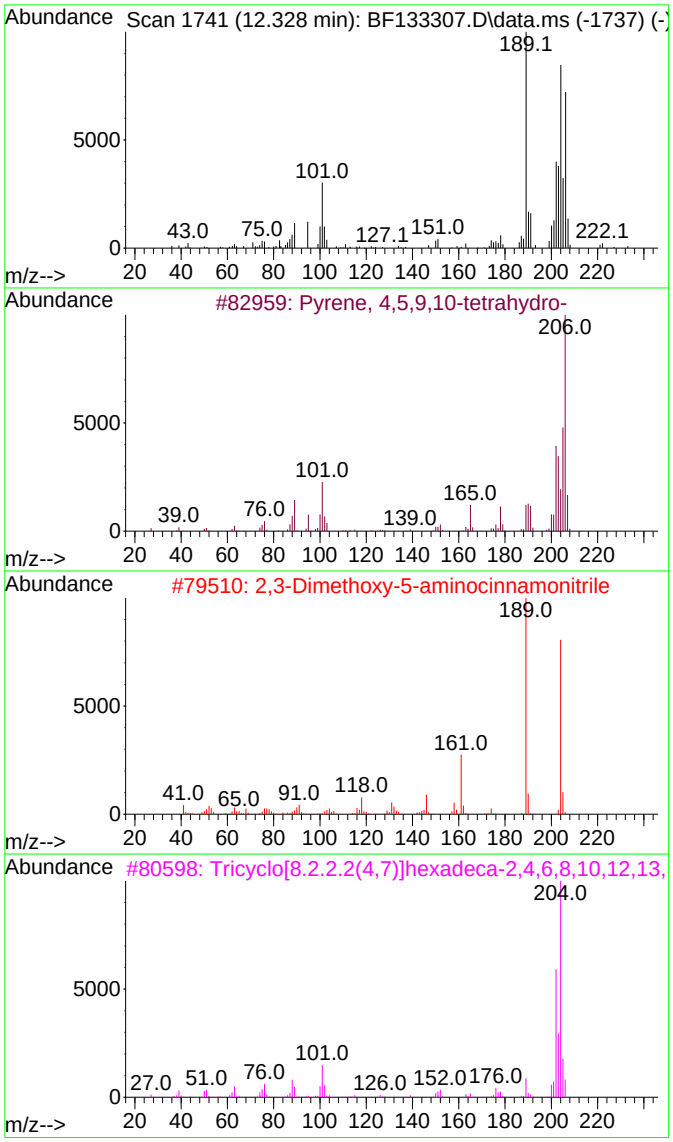
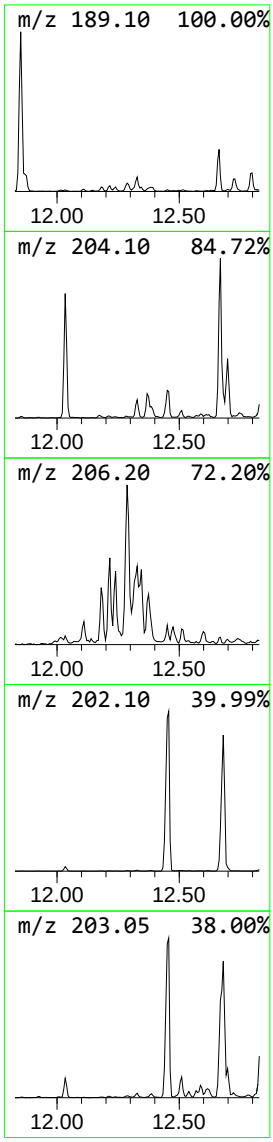
Peak Number 12 unknown12.328 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.328	4.85 ng	292574	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	47
2	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	43
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38





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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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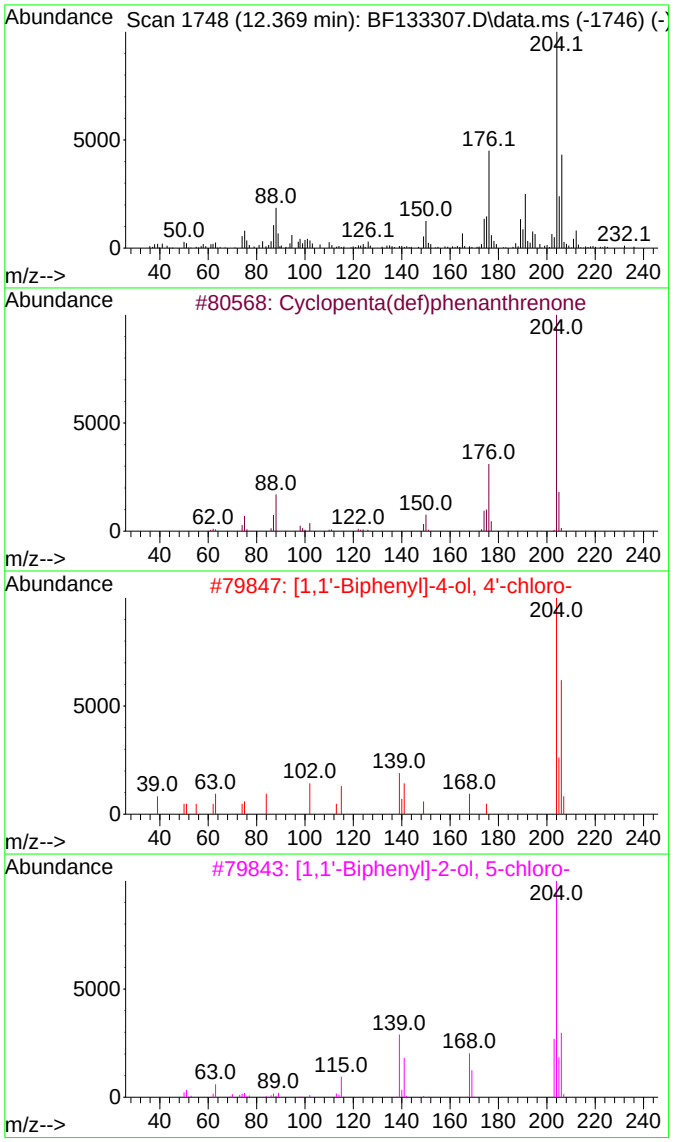
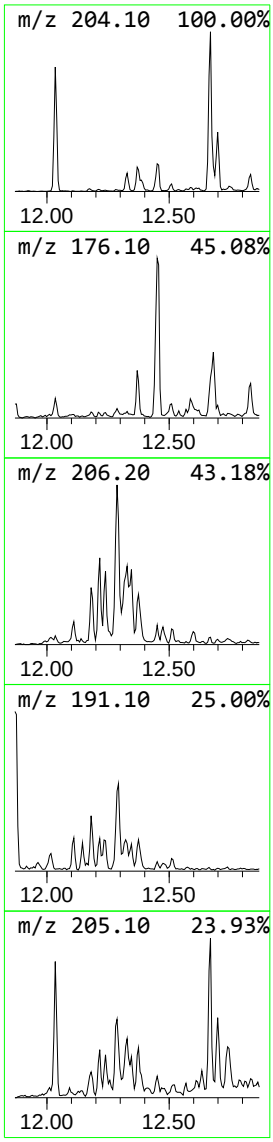
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	3.83 ng	231221	Phenanthrene-d10	11.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4	[1,1'-Biphenyl-3-ol], 6-chloro-	204	C12H9ClO	021345-13-1	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38





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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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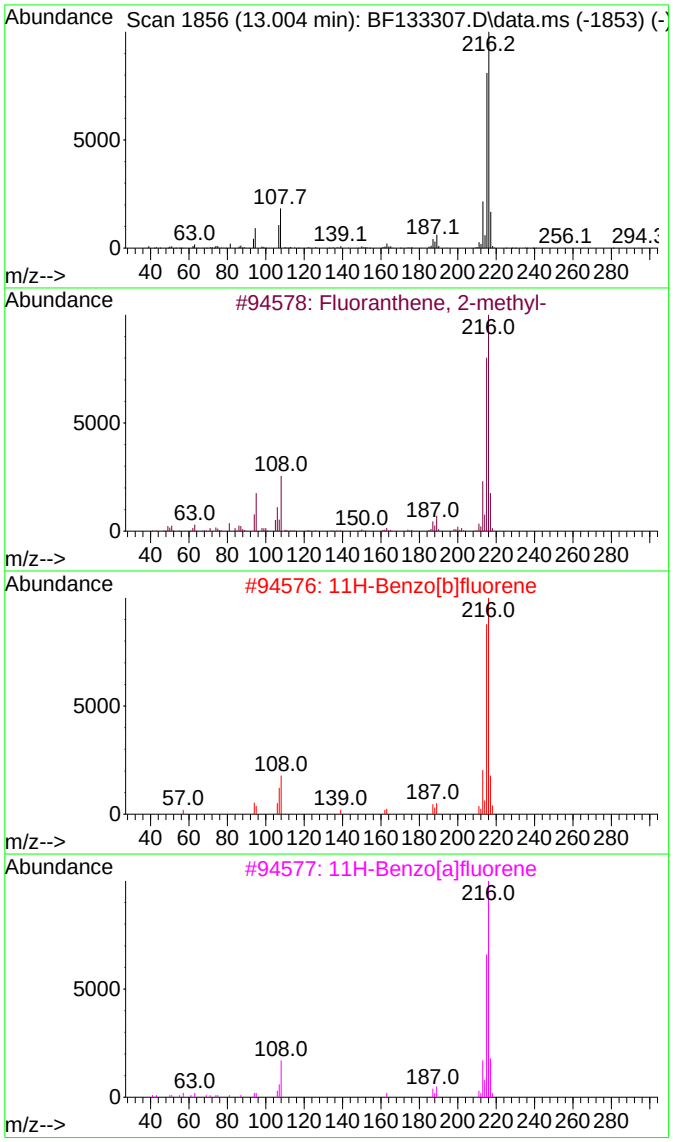
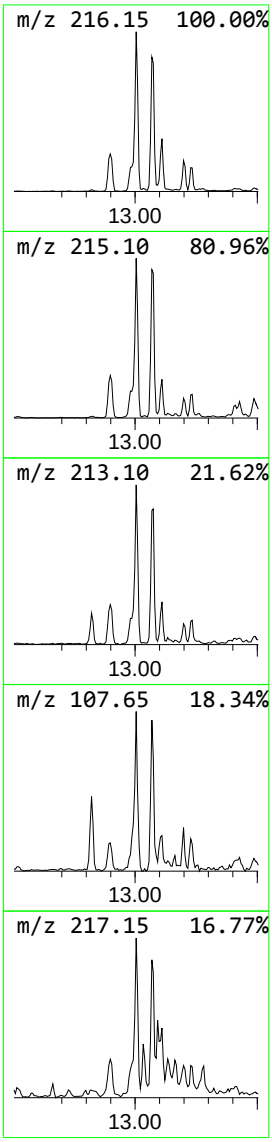
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.004	4.31 ng	907640	Chrysene-d12	13.875

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	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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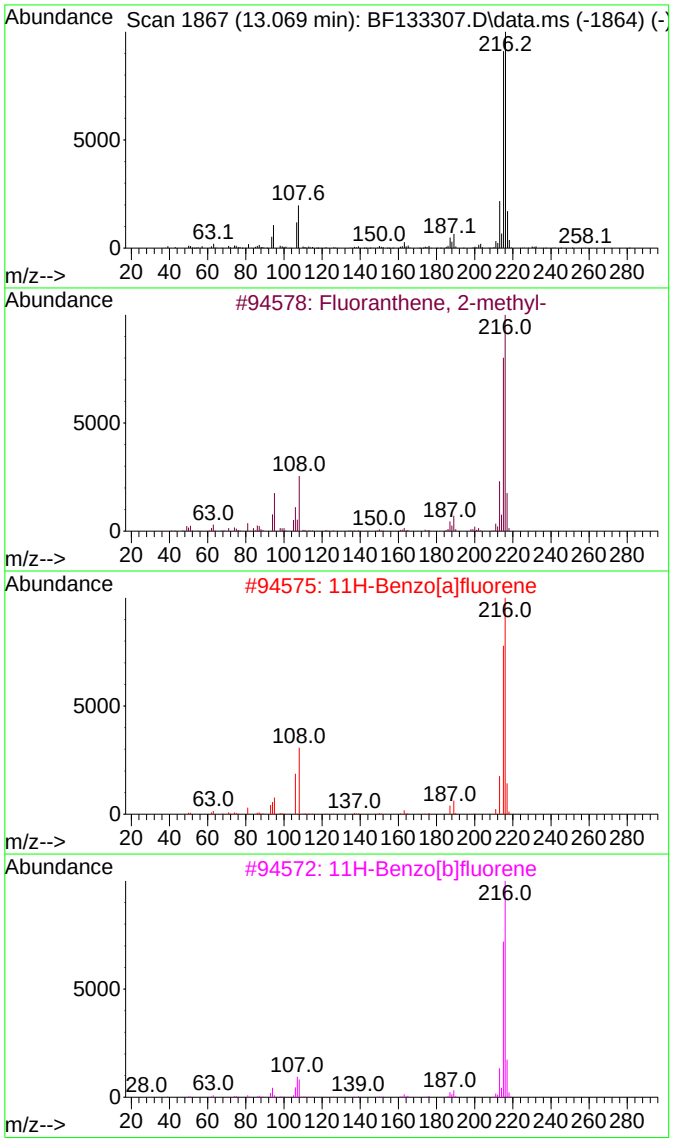
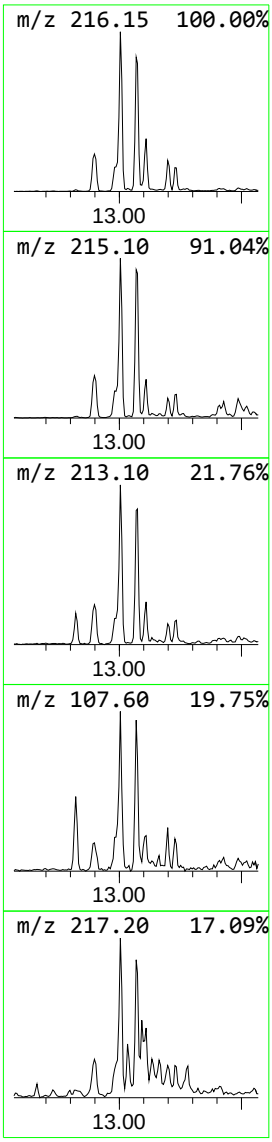
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	4.34 ng	914752	Chrysene-d12	13.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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

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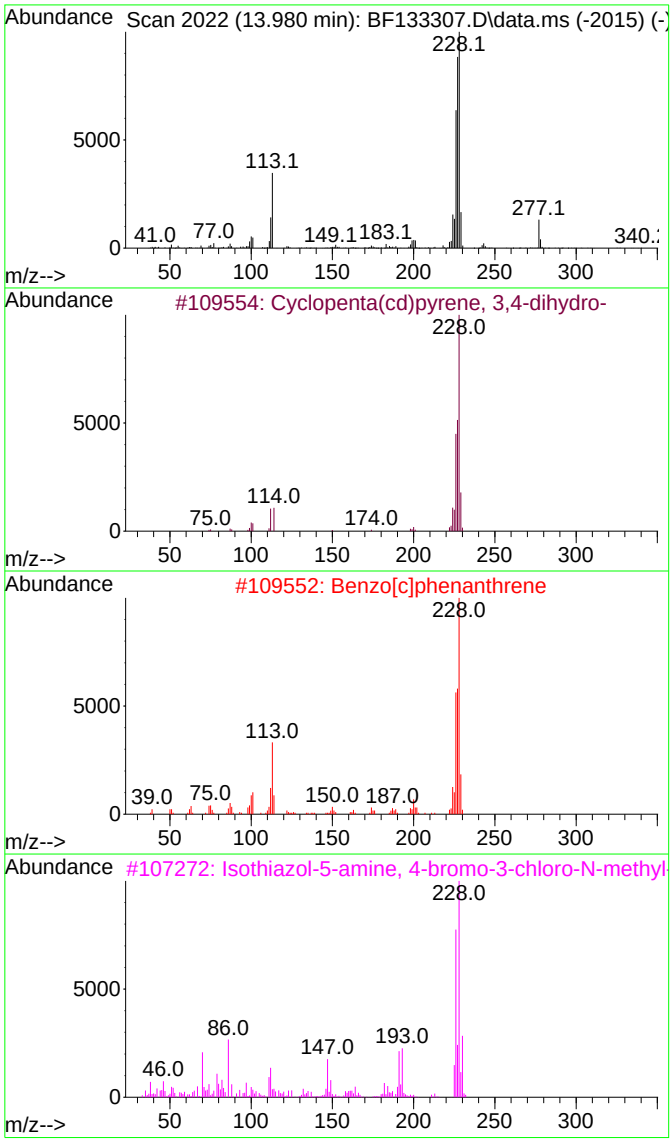
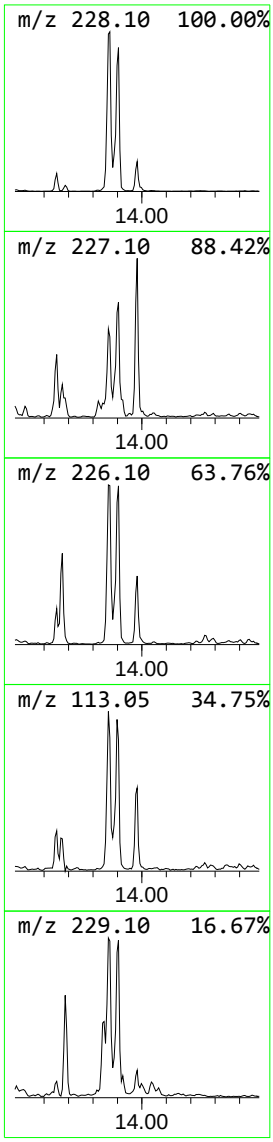
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	4.64 ng	978198	Chrysene-d12	13.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
5	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	37





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Data File : BF133307.D
Acq On : 08 May 2023 21:49
Operator : CG\JU
Sample : 02655-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

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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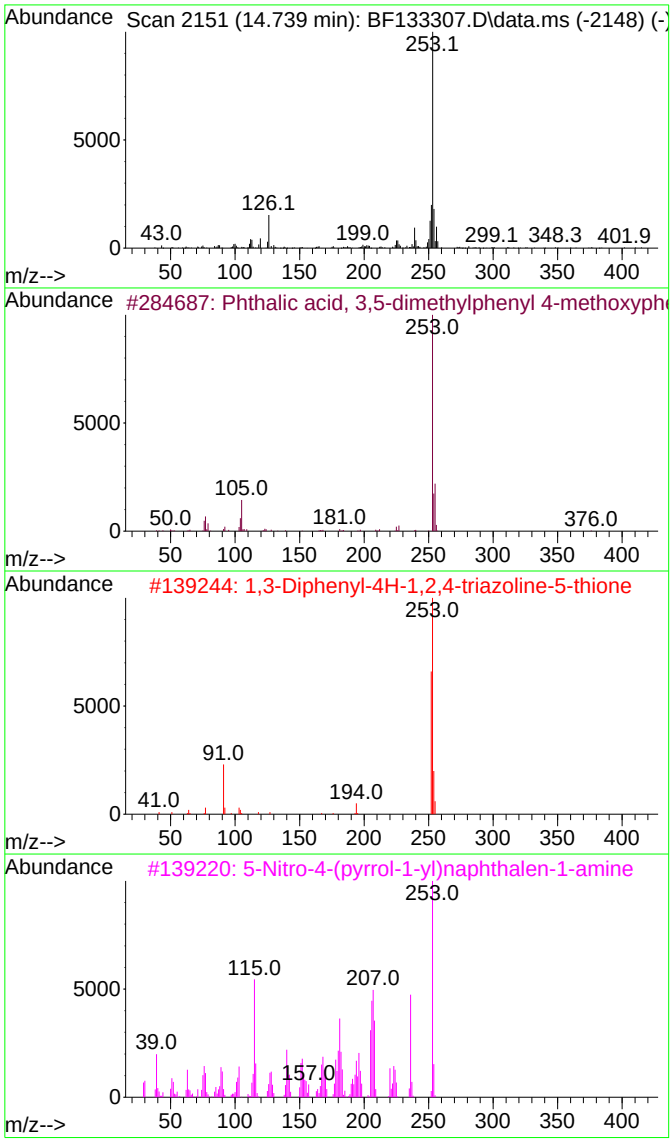
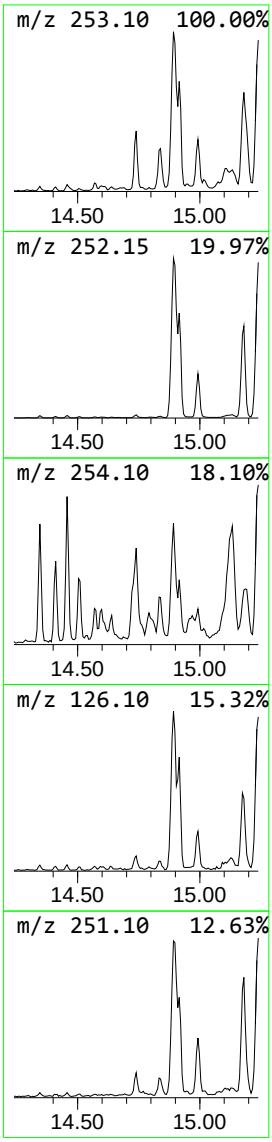
Peak Number 17 unknown14.739 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	4.60 ng	271662	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3,5-dimethylpheny...	376	C23H20O5	1000315-68-2	43
2	1,3-Diphenyl-4H-1,2,4-triazoline...	253	C14H11N3S	005055-73-2	43
3	5-Nitro-4-(pyrrol-1-yl)naphthale...	253	C14H11N3O2	1000443-35-3	43
4	1,3-Isoindolinedione, 2-(4-metho...	253	C15H11NO3	002142-04-3	38
5	Triamterene	253	C12H11N7	000396-01-0	38





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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

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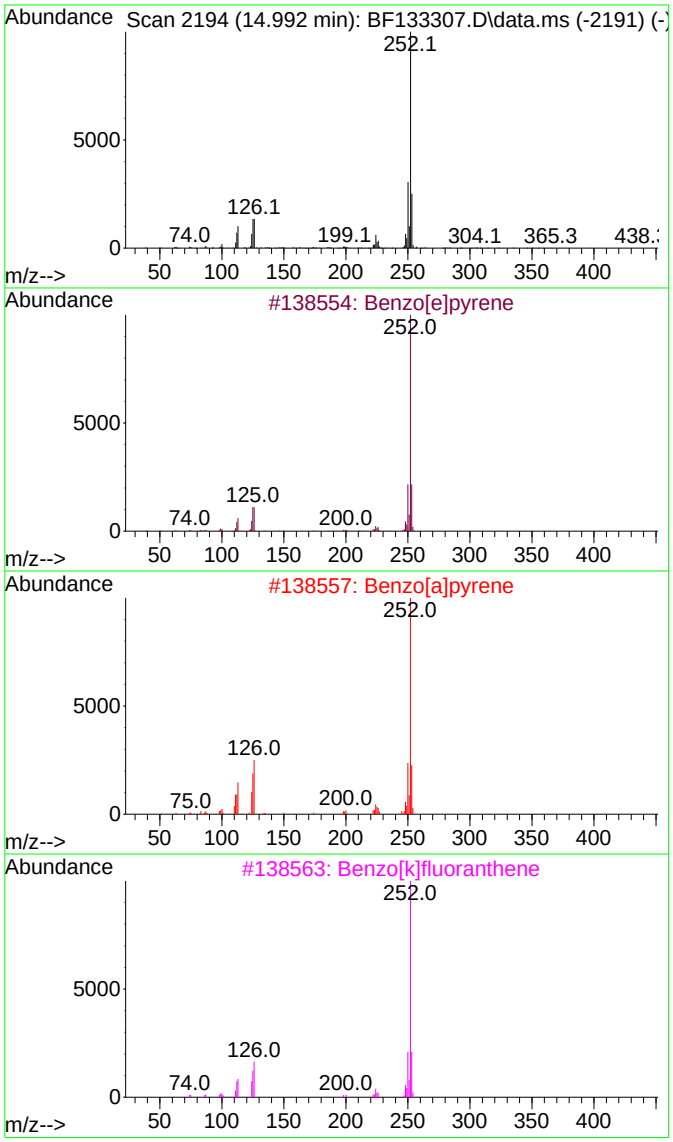
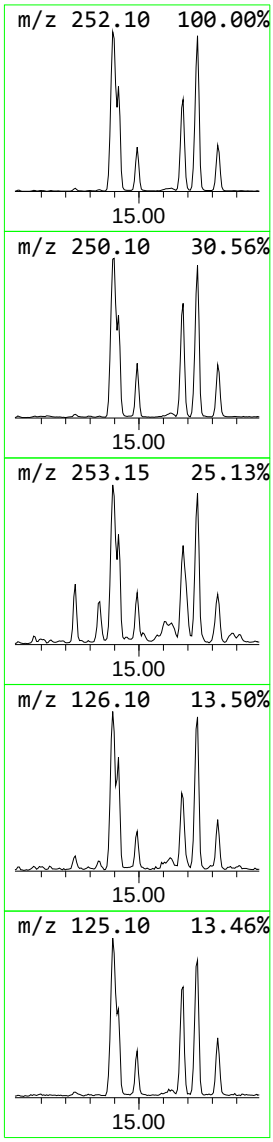
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	9.03 ng	532516	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	87





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Data File : BF133307.D
Acq On : 08 May 2023 21:49
Operator : CG\JU
Sample : 02655-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

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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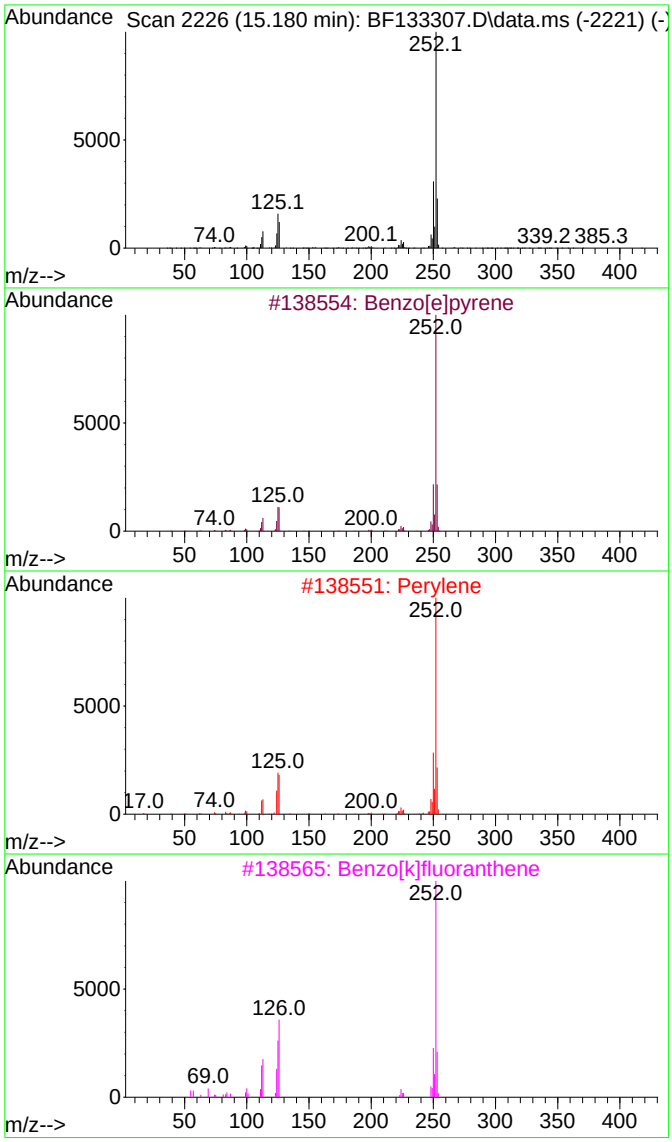
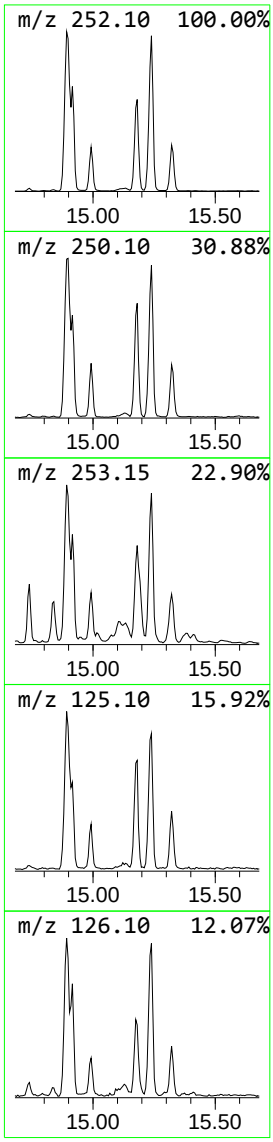
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	26.59 ng	1568660	Perylene-d12	15.292

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[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Sample : 02655-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

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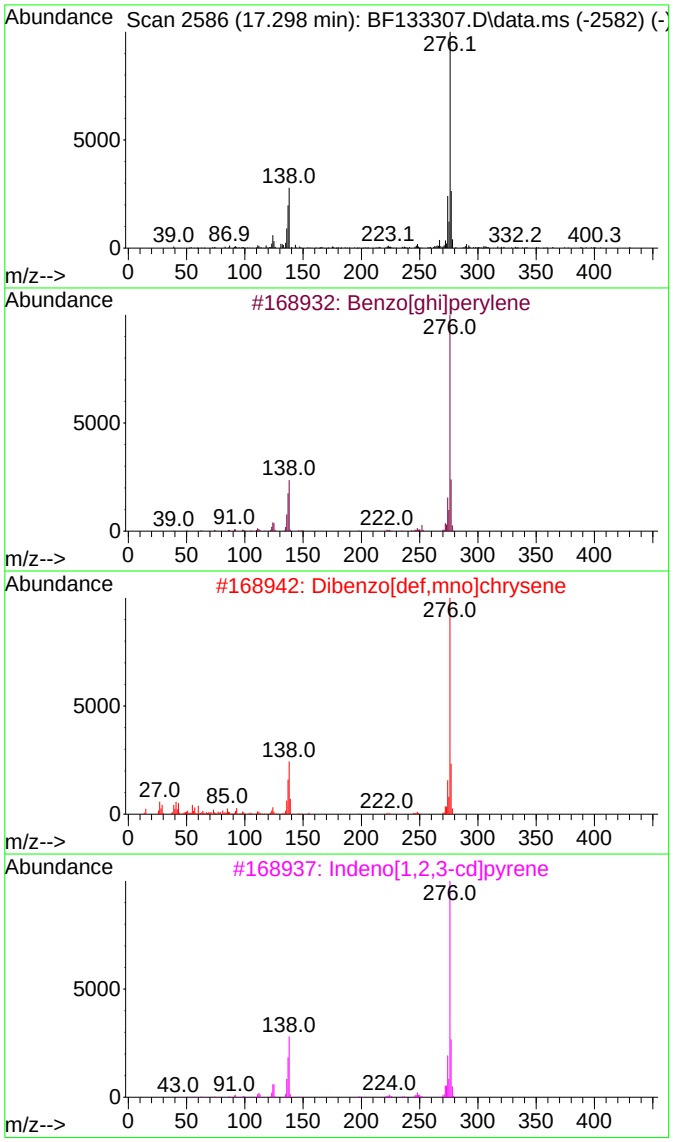
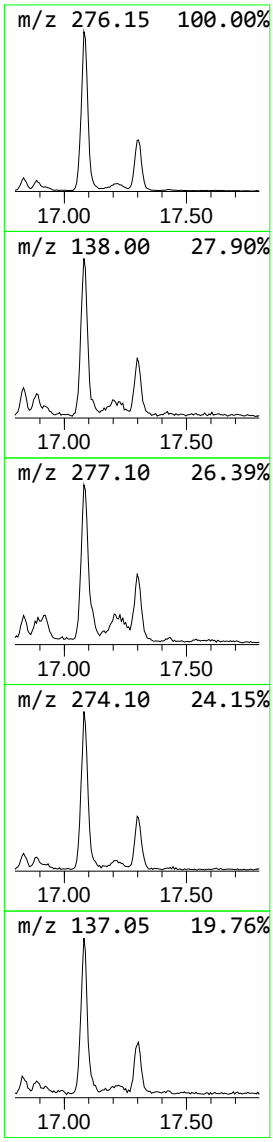
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.298	7.51 ng	443284	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5	Benzoic acid, 2-acetoxy-6-bromo-...	316	C12H13BrO5	1000268-53-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
Data File : BF133307.D
Acq On : 08 May 2023 21:49
Operator : CG\JU
Sample : 02655-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

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-...	4.910	22.7	ng	1299750	1	6.722	1146170	20.0
Dibenzofuran, 4...	10.463	5.5	ng	426107	3	9.757	1554940	20.0
9H-Fluorene, 2-...	10.851	5.1	ng	309974	4	11.240	1206320	20.0
Dibenzothiophene	11.134	5.7	ng	342230	4	11.240	1206320	20.0
Phenanthrene, 2...	11.740	9.6	ng	576316	4	11.240	1206320	20.0
Phenanthrene, 1...	11.769	13.9	ng	838750	4	11.240	1206320	20.0
Anthracene, 2-m...	11.816	6.9	ng	413795	4	11.240	1206320	20.0
4H-Cyclopenta[d...	11.851	19.5	ng	1178580	4	11.240	1206320	20.0
Anthracene, 9-m...	11.869	4.5	ng	270098	4	11.240	1206320	20.0
Naphthalene, 2-...	12.034	5.5	ng	334630	4	11.240	1206320	20.0
9,10-Dimethylan...	12.287	4.9	ng	296765	4	11.240	1206320	20.0
unknown12.328	12.328	4.8	ng	292574	4	11.240	1206320	20.0
Cyclopenta(def)...	12.369	3.8	ng	231221	4	11.240	1206320	20.0
Fluoranthene, 2...	13.004	4.3	ng	907640	5	13.875	4214210	20.0
11H-Benzo[a]flu...	13.069	4.3	ng	914752	5	13.875	4214210	20.0
Cyclopenta(cd)p...	13.980	4.6	ng	978198	5	13.875	4214210	20.0
unknown14.739	14.739	4.6	ng	271662	6	15.292	1179920	20.0
Benzo[e]pyrene	14.992	9.0	ng	532516	6	15.292	1179920	20.0
Perylene	15.180	26.6	ng	1568660	6	15.292	1179920	20.0
Dibenzo[def,mno...	17.298	7.5	ng	443284	6	15.292	1179920	20.0