LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128863.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	456	460	467	rVB	48162	65439	1.89%	0.144%
2	5.422	529	533	549	rBV	2676742	2590889	74.80%	5.716%
3	6.440	702	706	718	rBV	2783520	2740200	79.11%	6.046%
4	6.781	760	764	767	rBV	768655	596477	17.22%	1.316%
5	7.351	856	861	863	rBV	1820236	1789992	51.68%	3.949%
6	8.063	979	982	984	rBV	857876	673779	19.45%	1.487%
7	8.087	984	986	989	rVB	426108	306437	8.85%	0.676%
8	8.651	1079	1082	1086	rBV	91740	77592	2.24%	0.171%
9	8.775	1100	1103	1107	rVB	595920	511406	14.76%	1.128%
10	8.875	1116	1120	1124	rVB	495856	413303	11.93%	0.912%
11	9.145	1161	1166	1169	rVB	3491591	3143445	90.75%	6.935%
12	9.216	1175	1178	1180	rBV	115382	103287	2.98%	0.228%
13	9.239	1180	1182	1185	rVB	109832	80283	2.32%	0.177%
14	9.333	1196	1198	1204	rVB	236578	226105	6.53%	0.499%
15	9.410	1206	1211	1214	rVB	261443	323475	9.34%	0.714%
16	9.481	1219	1223	1225	rBV	395364	395590	11.42%	0.873%
17	9.504	1225	1227	1230	rVB	260808	181655	5.24%	0.401%
18	9.598	1239	1243	1245	rBV	220648	207809	6.00%	0.458%
19	9.681	1254	1257	1261	rVB	211146	172086	4.97%	0.380%
20	9.745	1266	1268	1272	rVB	86262	72243	2.09%	0.159%
21	9.798	1274	1277	1278	rBV	133921	110938	3.20%	0.245%
22	9.822	1278	1281	1283	rVV	925082	714786	20.64%	1.577%
23	9.851	1283	1286	1290	rVB	570344	486520	14.05%	1.073%
24	9.922	1295	1298	1303	rBV	141268	185367	5.35%	0.409%
25	9.975	1303	1307	1310	rBV2	105044	138892	4.01%	0.306%
26	10.022	1311	1315	1319	rVV	257277	253742	7.33%	0.560%
27	10.063	1319	1322	1326	rVB2	140341	120556	3.48%	0.266%
28	10.139	1331	1335	1337	rBV	110035	119948	3.46%	0.265%
29	10.163	1337	1339	1342	rVV	102958	89198	2.58%	0.197%
30	10.228	1346	1350	1351	rBV2	109913	134590	3.89%	0.297%
31	10.245	1351	1353	1356	rVB	167426	137485	3.97%	0.303%
32	10.369	1370	1374	1379	rBV	506408	458459	13.24%	1.011%
33	10.433	1383	1385	1387	rVV	98070	71514	2.06%	0.158%
34	10.457	1387	1389	1391	rVB	88146	68783	1.99%	0.152%
35	10.522	1398	1400	1404	rVB	112374	120210	3.47%	0.265%
36	10.616	1412	1416	1419	rBV	810062	731893	21.13%	1.615%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.733	1431	1436	1442	rVB5	127585	198335	5.73%	0.438%
38	10.916	1462	1467	1470	rBV3	119260	176825	5.10%	0.390%
39	10.945	1470	1472	1475	rVB2	105398	82795	2.39%	0.183%
40	11.045	1484	1489	1491	rBV3	60191	100792	2.91%	0.222%
41	11.116	1498	1501	1504	rVV	462309	380462	10.98%	0.839%
42	11.169	1506	1510	1513	rVV2	100560	125066	3.61%	0.276%
43	11.204	1513	1516	1522	rVB	426284	387934	11.20%	0.856%
44	11.310	1530	1534	1536	rBV	576804	586538	16.93%	1.294%
45	11.345	1536	1540	1542	rVV	3513077	3463833	100.00%	7.642%
46	11.386	1544	1547	1550	rVV	612365	475814	13.74%	1.050%
47	11.492	1562	1565	1567	rVB	96738	82709	2.39%	0.182%
48	11.545	1571	1574	1578	rVV	93494	116628	3.37%	0.257%
49	11.604	1581	1584	1587	rVV2	175838	157574	4.55%	0.348%
50	11.639	1587	1590	1596	rVB2	241987	257749	7.44%	0.569%
51	11.704	1598	1601	1602	rVV2	102025	88679	2.56%	0.196%
52	11.722	1602	1604	1608	rVB	140275	145247	4.19%	0.320%
53	11.769	1609	1612	1616	rBV	119106	125423	3.62%	0.277%
54	11.816	1616	1620	1622	rVV	775267	694798	20.06%	1.533%
55	11.845	1622	1625	1628	rVV	917082	773025	22.32%	1.705%
56	11.886	1630	1632	1635	rVV	143166	134911	3.89%	0.298%
57	11.922	1635	1638	1641	rVV2	761329	848593	24.50%	1.872%
58	11.951	1641	1643	1646	rVB	549352	422158	12.19%	0.931%
59	12.004	1648	1652	1657	rBV5	100471	142025	4.10%	0.313%
60	12.110	1666	1670	1672	rVV	433259	373263	10.78%	0.824%
61	12.139	1672	1675	1680	rVB	710592	605526	17.48%	1.336%
62	12.257	1693	1695	1698	rVV2	142969	120774	3.49%	0.266%
63	12.286	1698	1700	1702	rVV	112920	89808	2.59%	0.198%
64	12.310	1702	1704	1709	rVB2	69805	71261	2.06%	0.157%
65	12.363	1710	1713	1715	rBV	298896	291766	8.42%	0.644%
66	12.392	1715	1718	1725	rVB5	283964	551947	15.93%	1.218%
67	12.451	1725	1728	1733	rBV	317734	340466	9.83%	0.751%
68	12.533	1737	1742	1744	rVV	1762486	1707348	49.29%	3.767%
69	12.569	1744	1748	1750	rVV	83960	85505	2.47%	0.189%
70	12.592	1750	1752	1755	rVB2	87497	77199	2.23%	0.170%
71	12.663	1761	1764	1770	rVB3	194640	233815	6.75%	0.516%
72	12.763	1775	1781	1786	rBV	2447016	2437417	70.37%	5.378%
73	12.804	1786	1788	1793	rVB2	88836	122753	3.54%	0.271%
74	12.898	1800	1804	1810	rVB	2406383	2284756	65.96%	5.041%
75	12.974	1813	1817	1821	rBV3	218506	298015	8.60%	0.657%
76	13.063	1829	1832	1834	rBV3	185755	243321	7.02%	0.537%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.086	1834	1836	1839	rVB	243274	209537	6.05%	0.462%
78	13.127	1840	1843	1844	rBV2	74622	71198	2.06%	0.157%
79	13.151	1845	1847	1850	rVV	121595	92509	2.67%	0.204%
80	13.192	1850	1854	1856	rVV	281412	251950	7.27%	0.556%
81	13.280	1866	1869	1872	rBV	232434	204317	5.90%	0.451%
82	13.316	1872	1875	1878	rVB	220302	202124	5.84%	0.446%
83	13.598	1920	1923	1927	rVB	284363	283495	8.18%	0.625%
84	13.704	1938	1941	1944	rBV	219268	219666	6.34%	0.485%
85	13.733	1944	1946	1948	rVB	183368	138024	3.98%	0.305%
86	13.757	1948	1950	1954	rBV2	90465	105629	3.05%	0.233%
87	13.804	1955	1958	1968	rVB2	231177	385568	11.13%	0.851%
88	13.951	1979	1983	1987	rBV2	930341	1328625	38.36%	2.931%
89	13.986	1987	1989	1996	rVB	840460	681692	19.68%	1.504%
90	14.051	1997	2000	2001	rBV2	86791	102413	2.96%	0.226%
91	14.110	2007	2010	2016	rBV5	93825	184475	5.33%	0.407%
92	14.345	2048	2050	2053	rVB	222276	171911	4.96%	0.379%
93	14.380	2053	2056	2060	rBV	110272	102182	2.95%	0.225%
94	14.421	2060	2063	2065	rBV2	111433	140535	4.06%	0.310%
95	14.468	2069	2071	2073	rBV	109316	104524	3.02%	0.231%
96	14.710	2109	2112	2118	rVB2	301204	320225	9.24%	0.706%
97	14.998	2157	2161	2164	rBV	350312	508519	14.68%	1.122%
98	15.292	2208	2211	2217	rVB	203574	235007	6.78%	0.518%
99	15.357	2218	2222	2226	rVB	312652	359329	10.37%	0.793%
100	15.415	2228	2232	2236	rBV	290159	405401	11.70%	0.894%

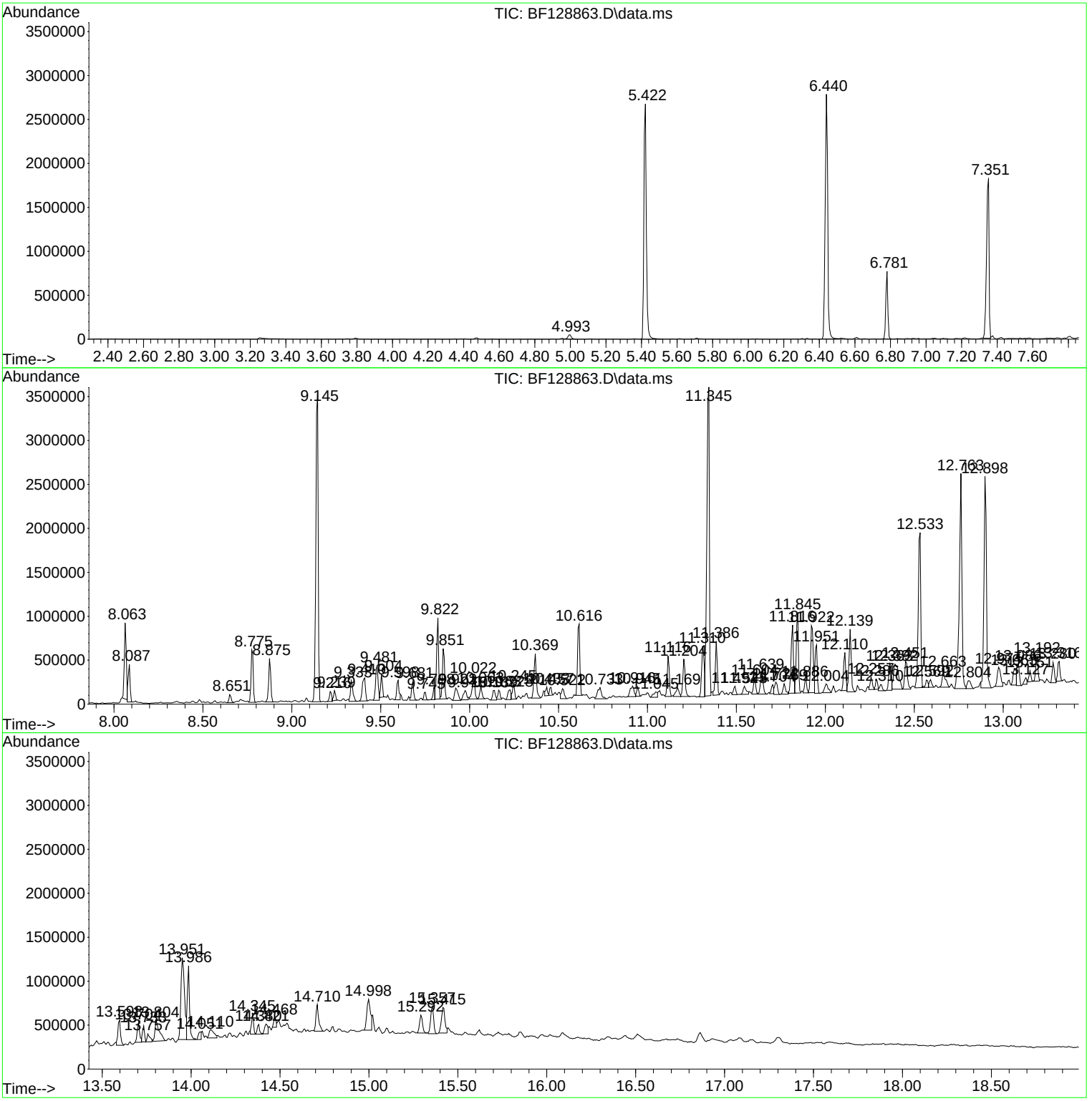
Sum of corrected areas: 45326081

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF061722\
Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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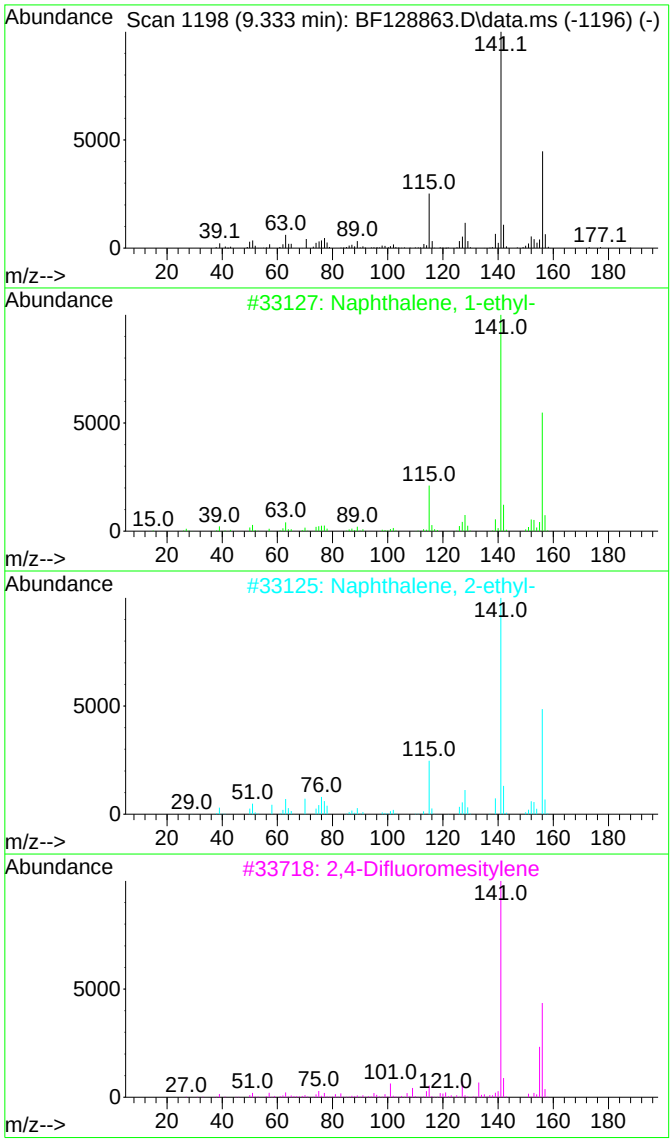
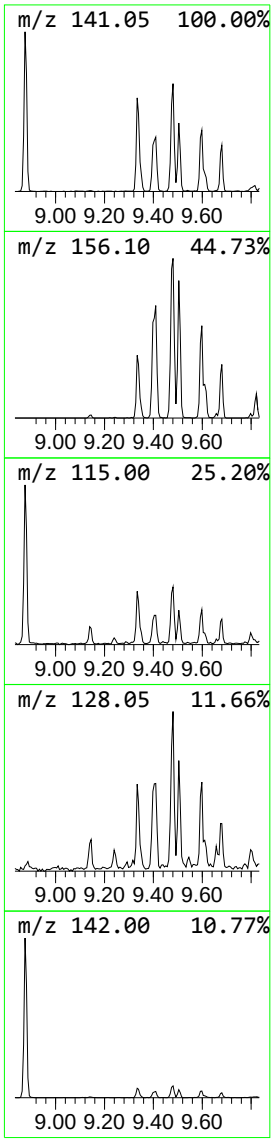
Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	6.33 ng	226105	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
4	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53
5	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

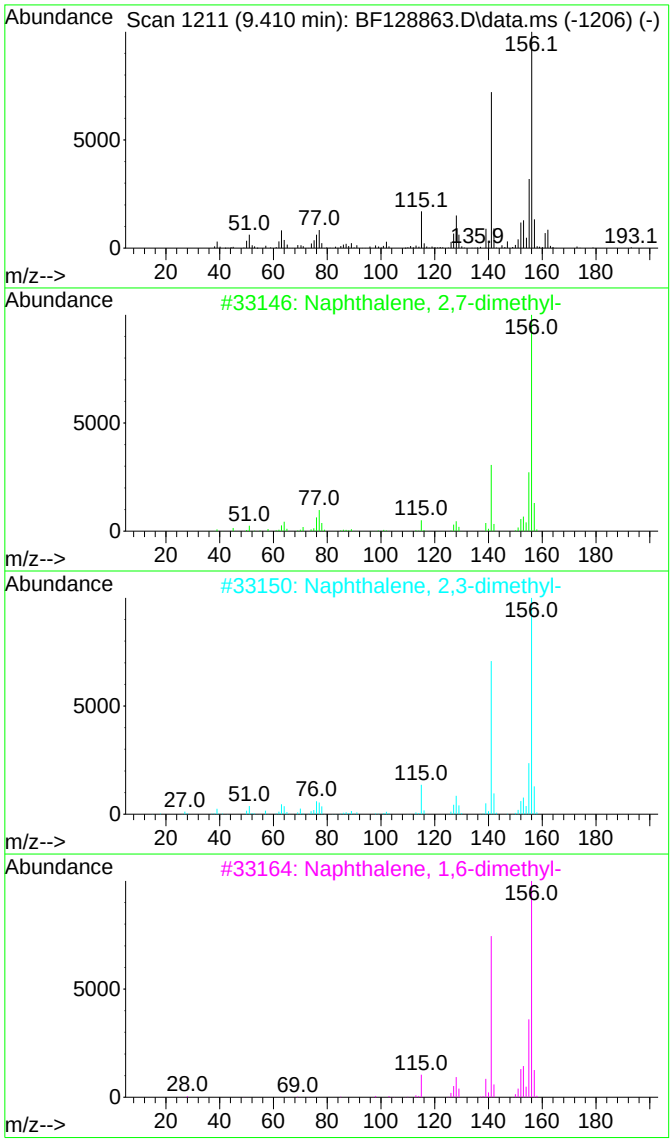
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

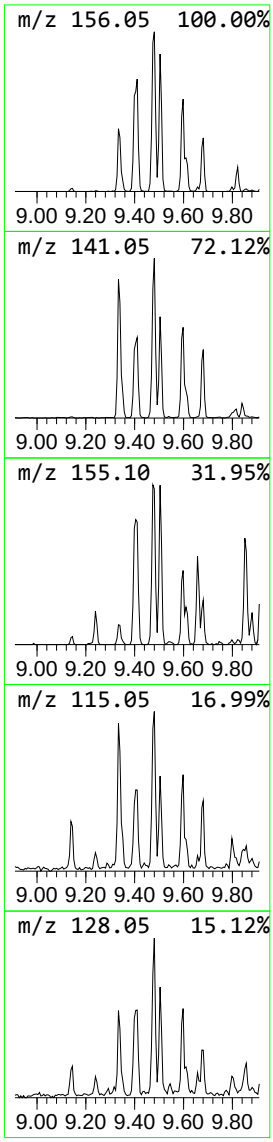
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	9.05 ng	323475	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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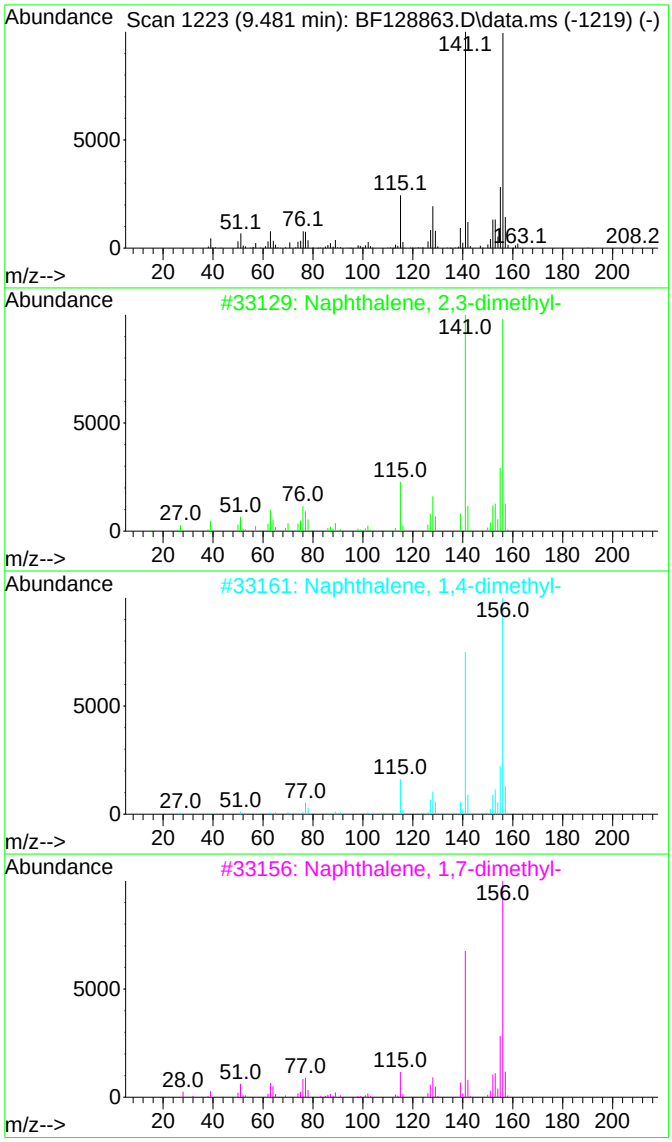
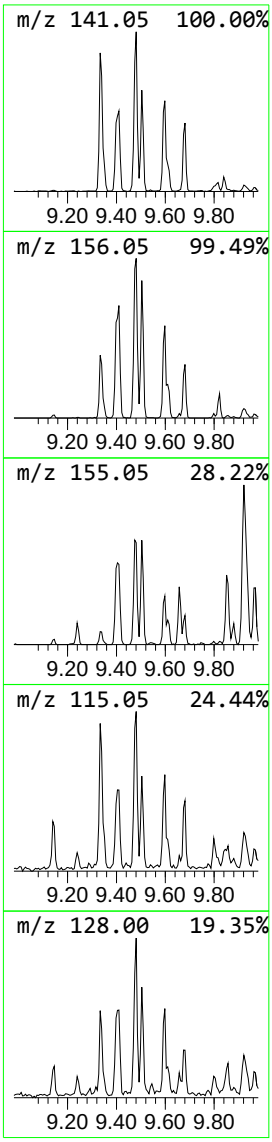
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	11.07 ng	395590	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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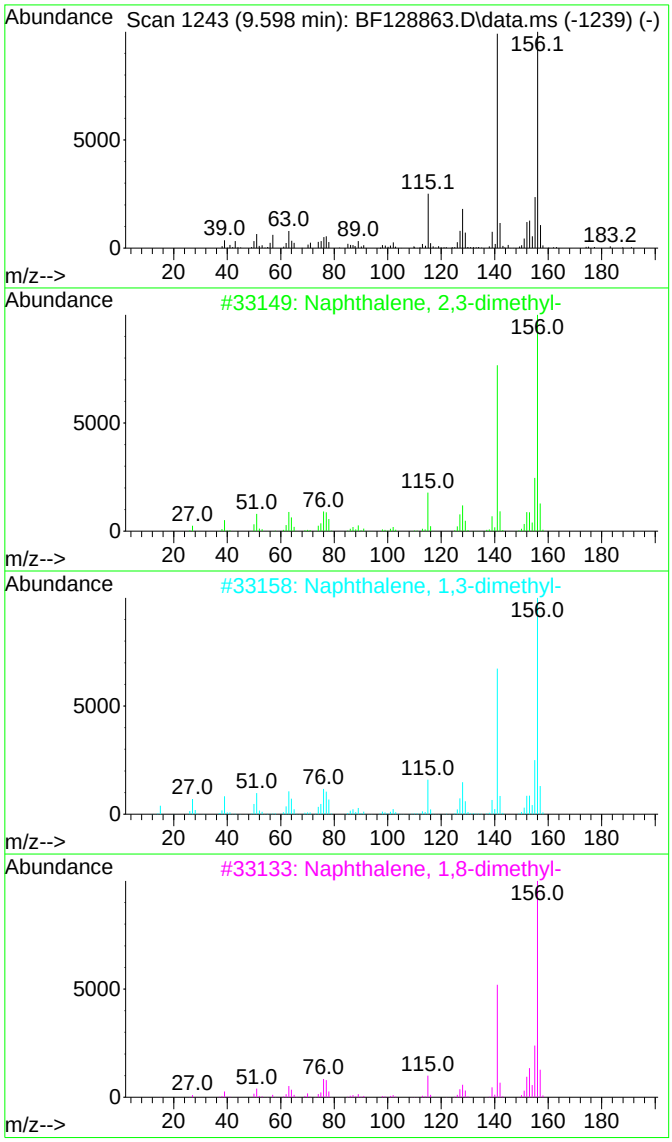
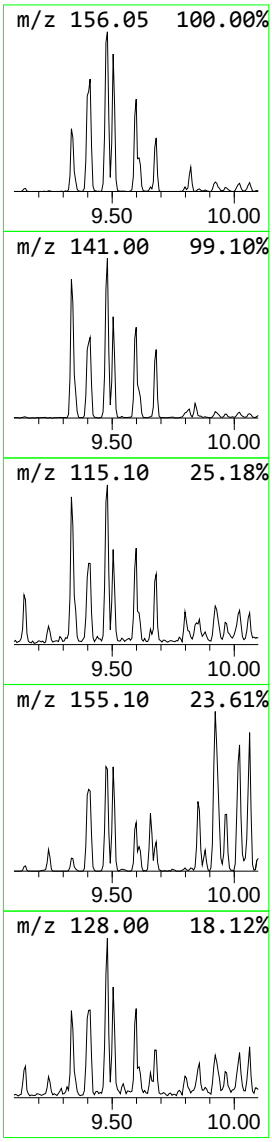
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	5.81 ng	207809	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

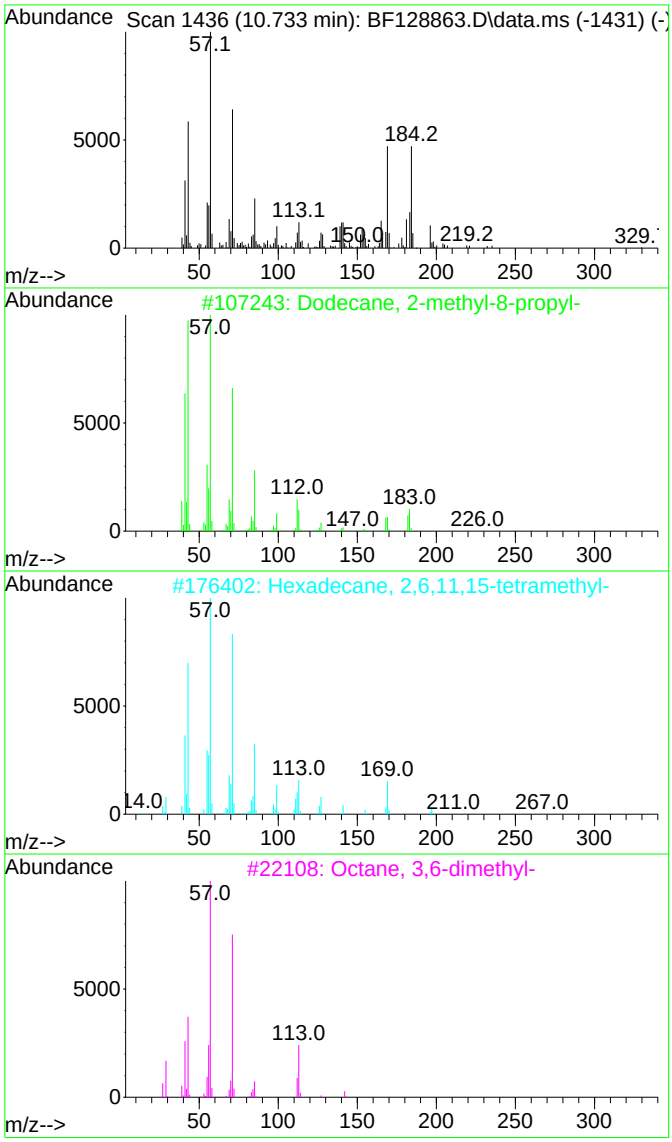
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

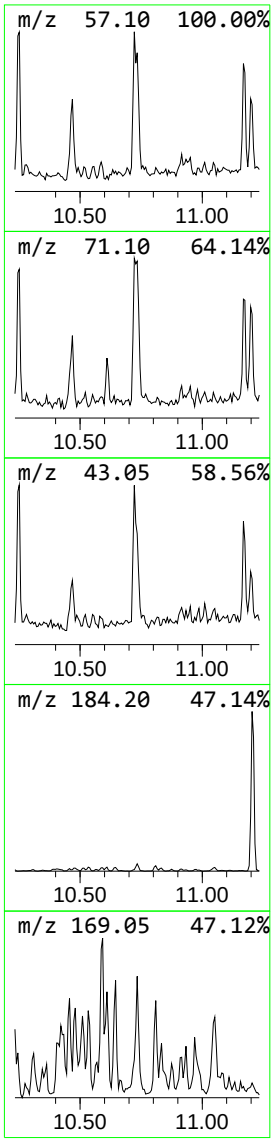
****

Peak Number 5 unknown10.733 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	6.76 ng	198335	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	27
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	25
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	25
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	22
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	18





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Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
RB-04-(3-5)

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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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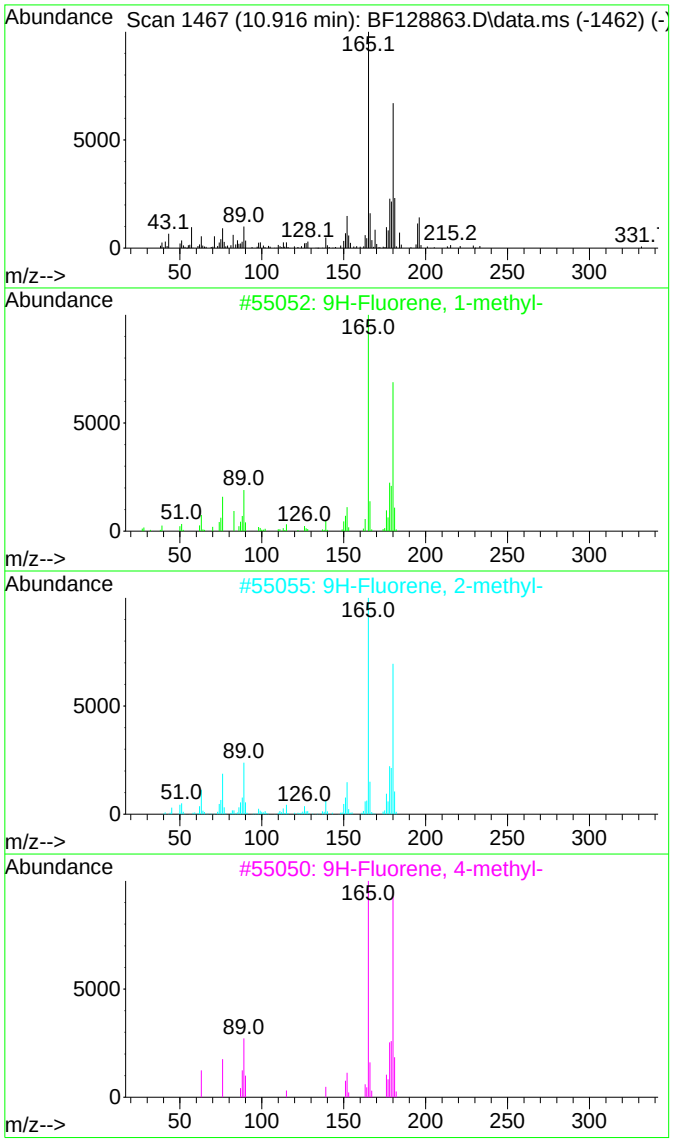
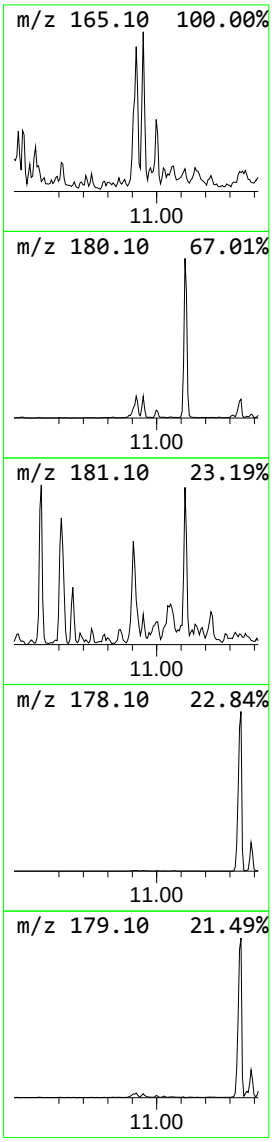
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	6.03 ng	176825	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	62
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	60
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	58





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ClientSampleId :
RB-04-(3-5)

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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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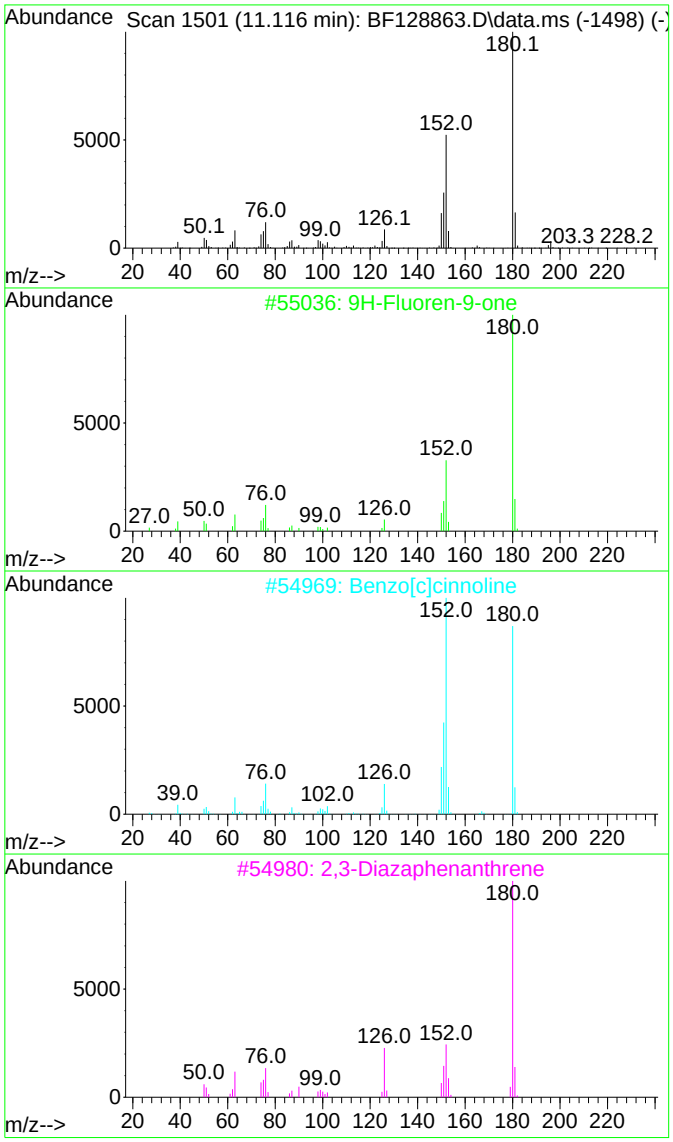
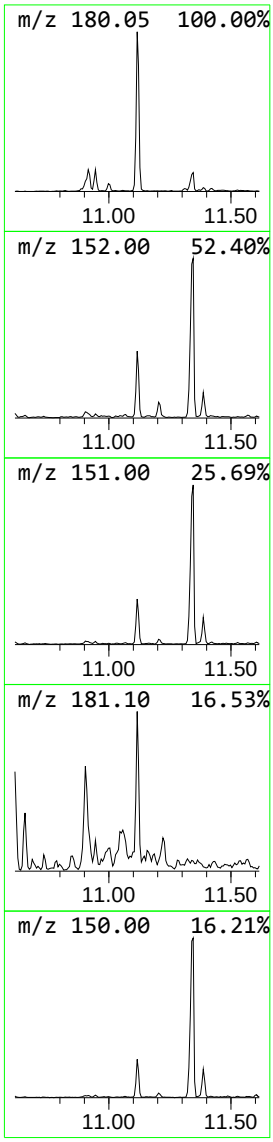
Peak Number 7 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	12.97 ng	380462	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
5	(E)-Stilbene	180	C14H12	000103-30-0	46





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ClientSampleId :
RB-04-(3-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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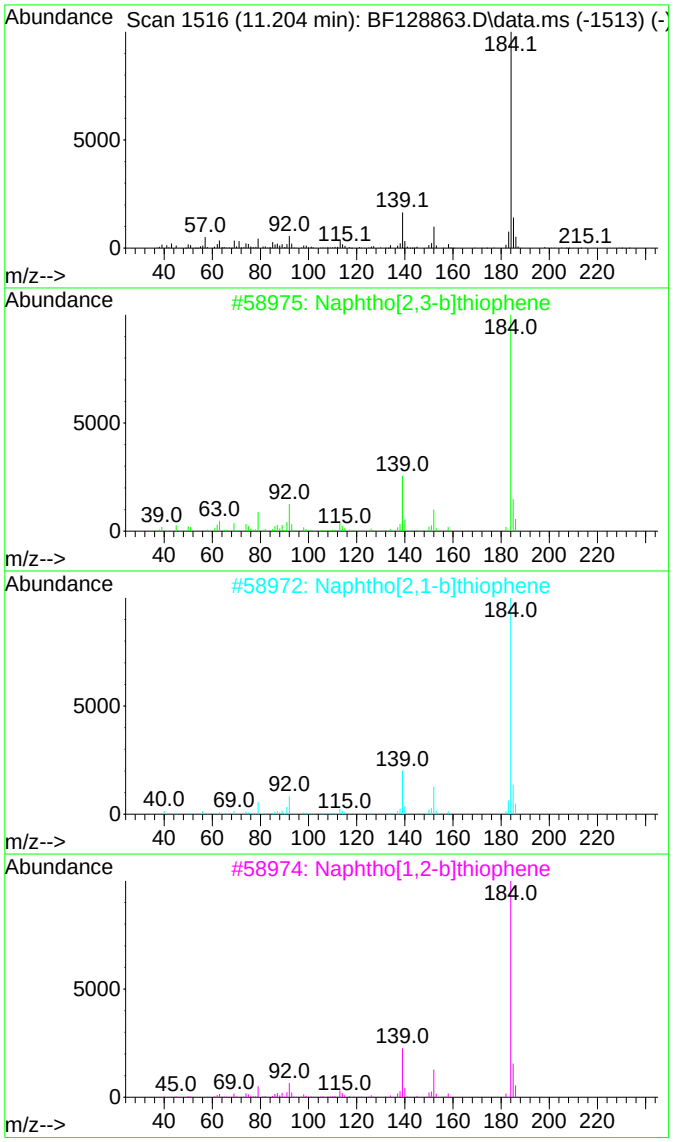
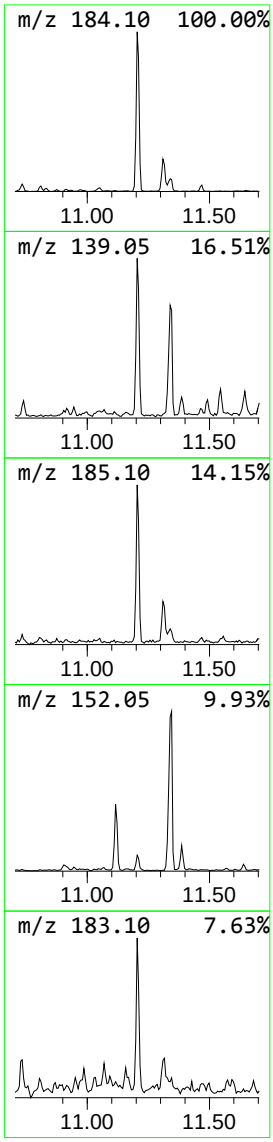
Peak Number 8 Naphtho[2,3-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	13.23 ng	387934	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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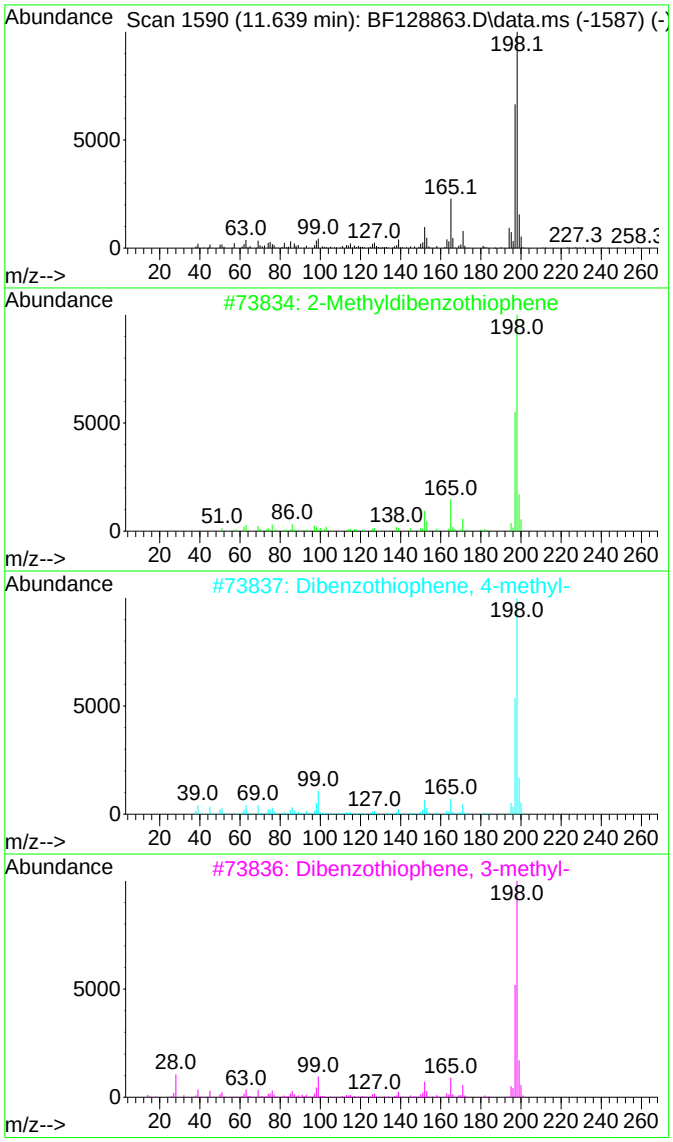
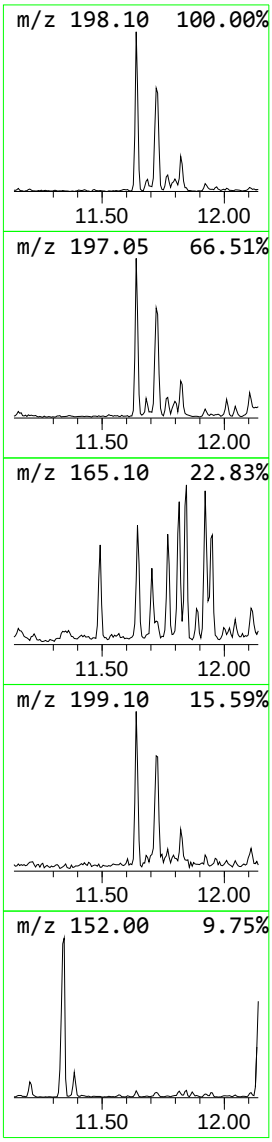
Peak Number 9 2-Methyldibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	8.79 ng	257749	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	74





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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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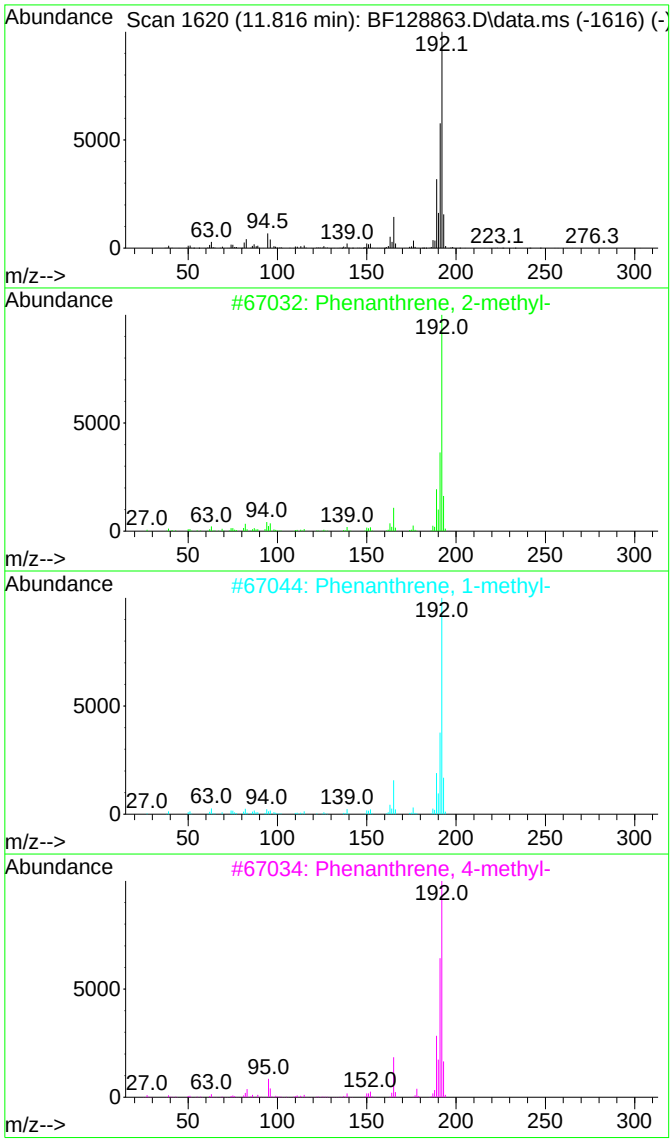
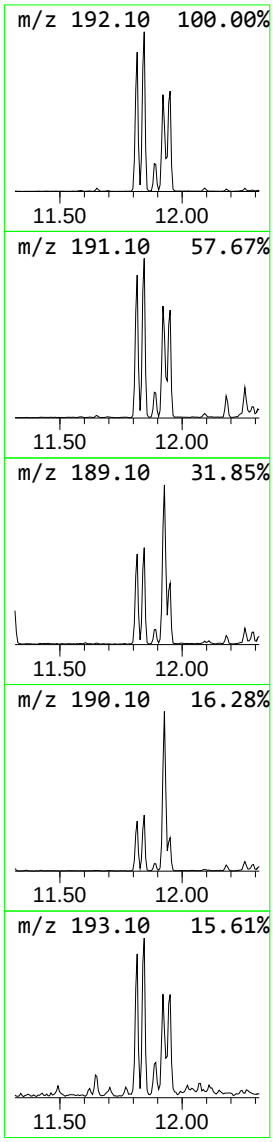
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	23.69 ng	694798	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 17 Jun 2022 19:40
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Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

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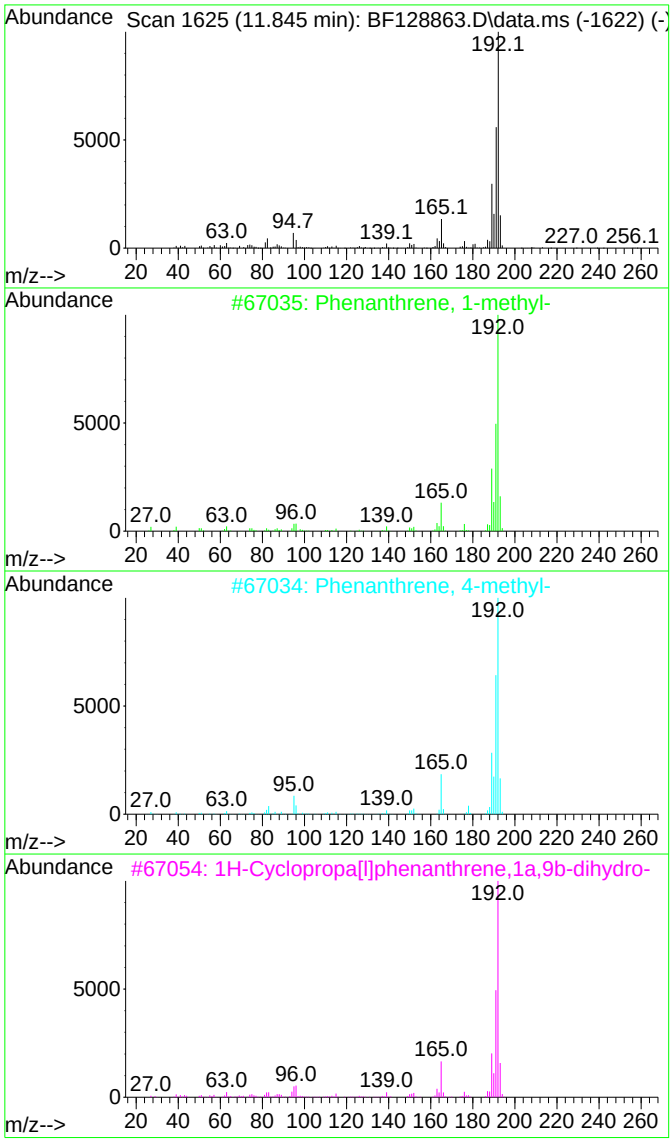
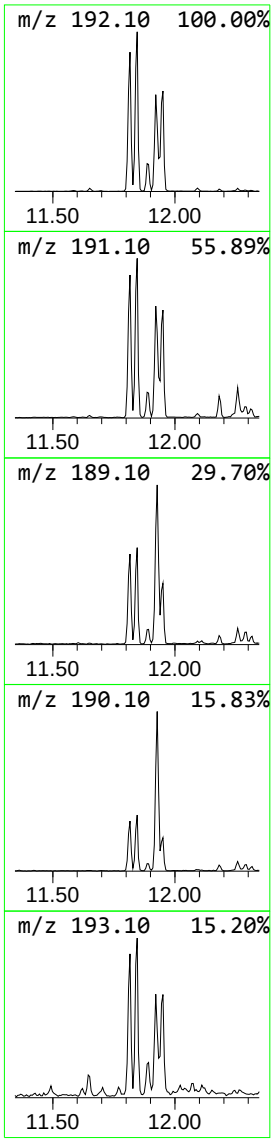
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	26.36 ng	773025	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 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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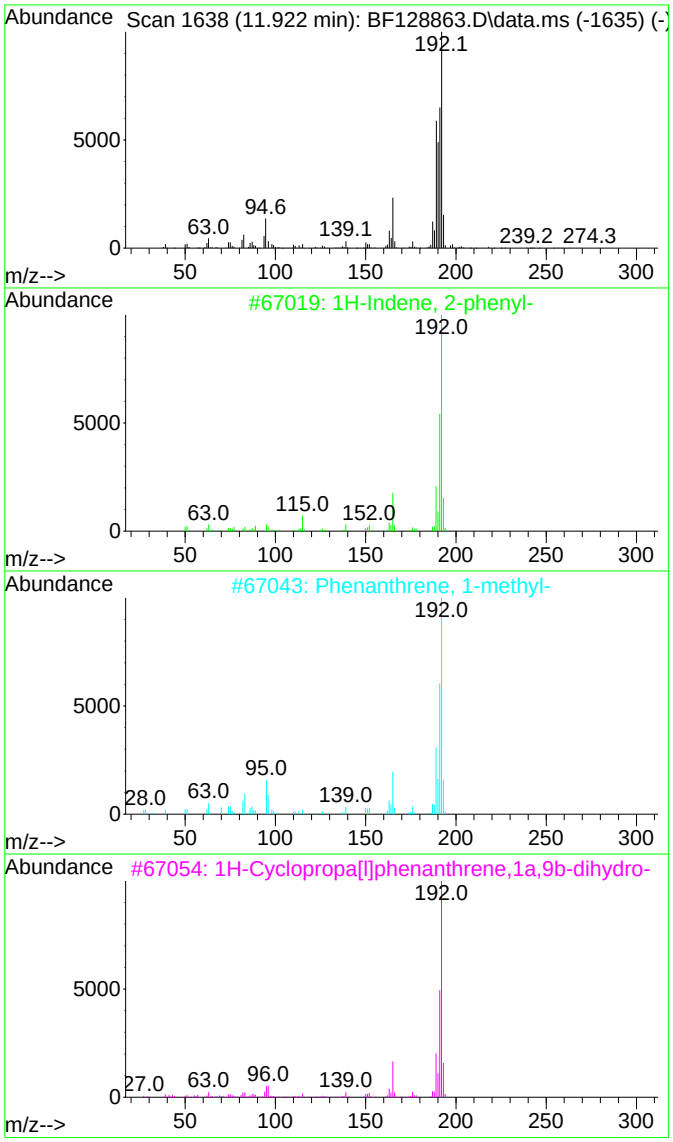
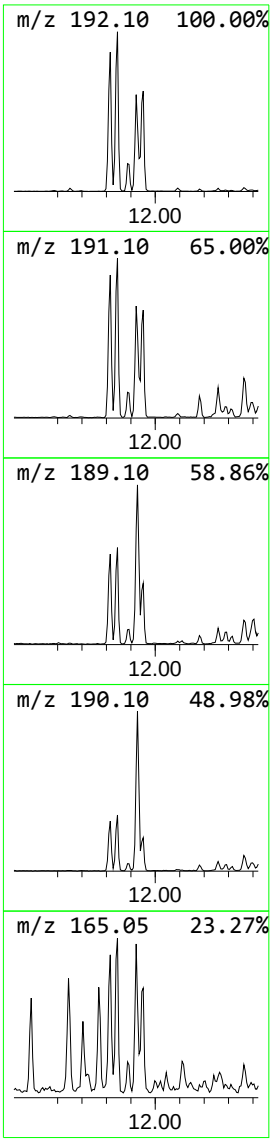
Peak Number 12 1H-Indene, 2-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	28.94 ng	848593	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60





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Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

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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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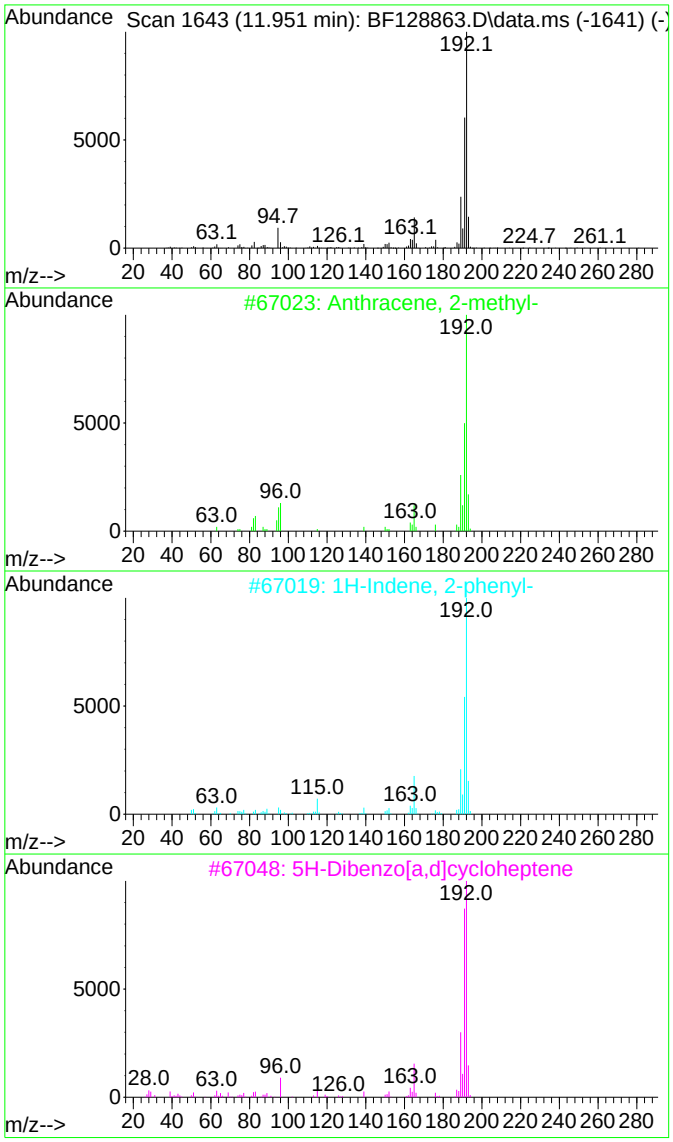
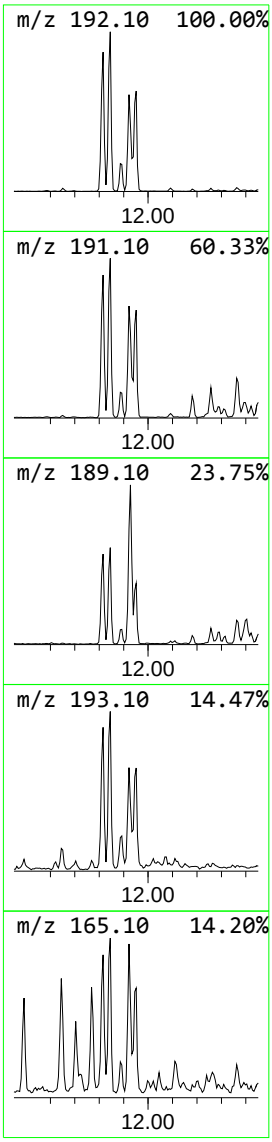
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	14.39 ng	422158	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





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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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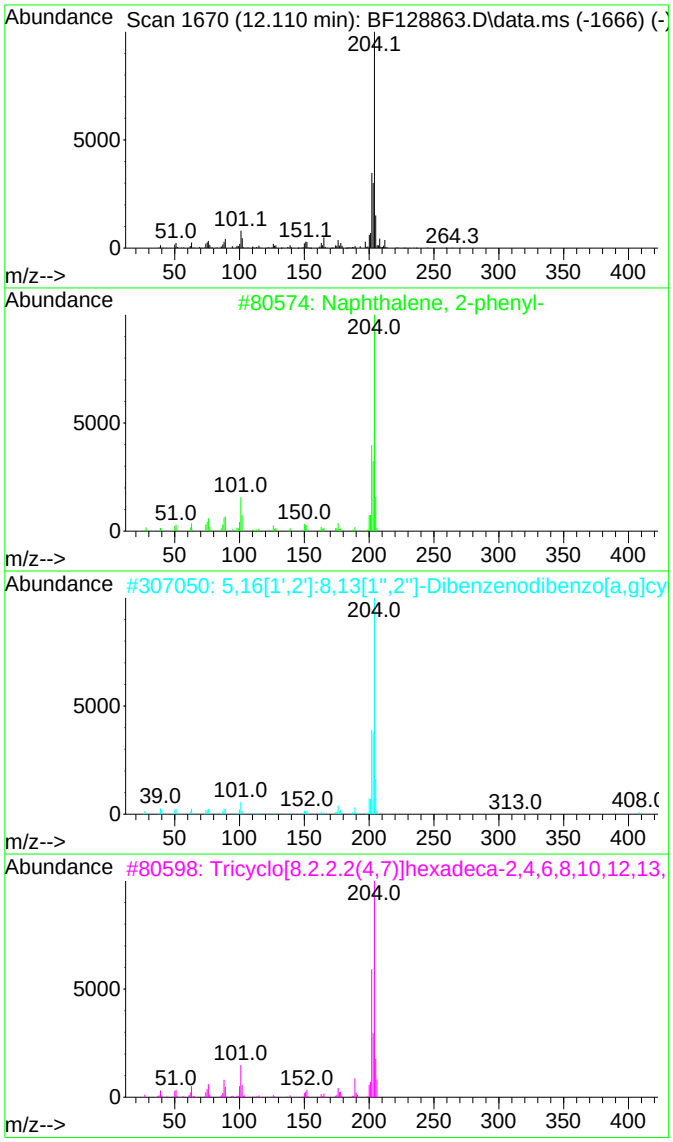
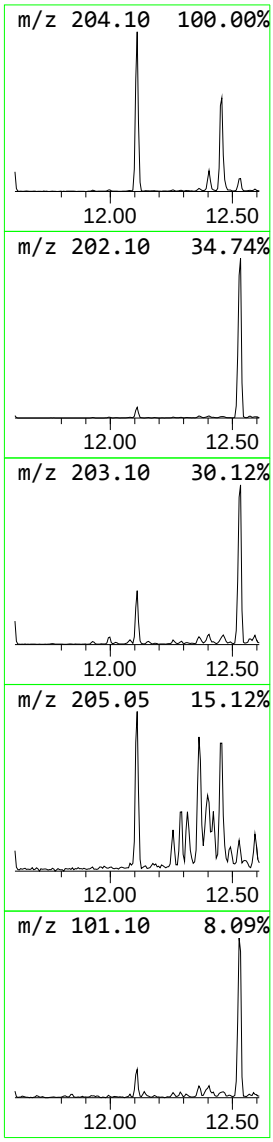
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	12.73 ng	373263	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	58
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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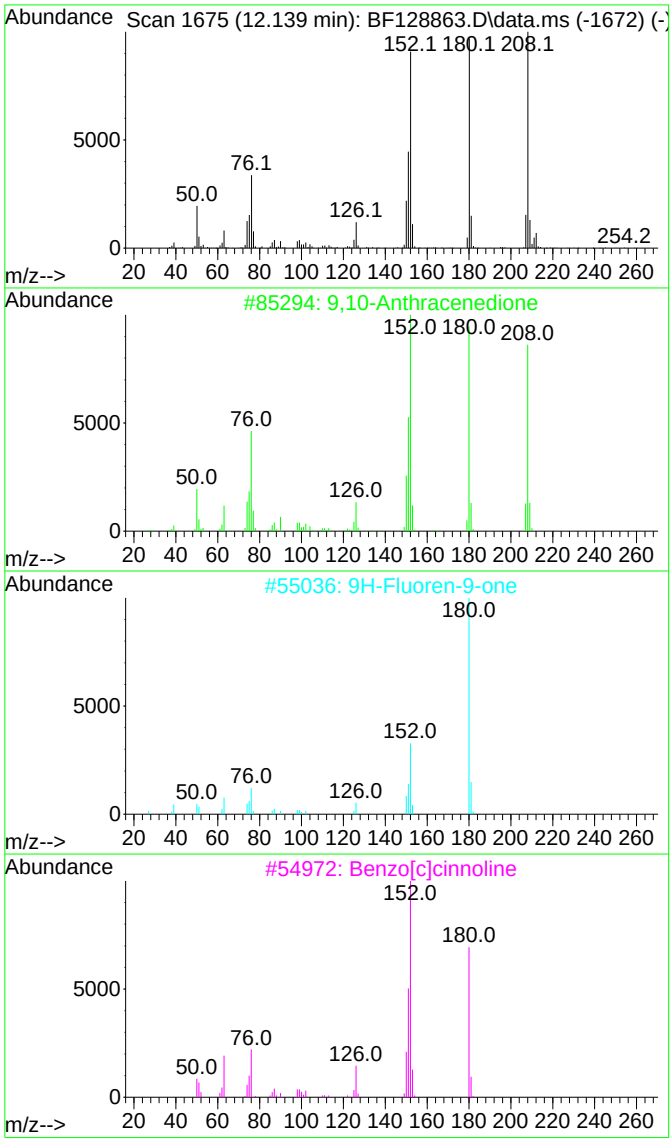
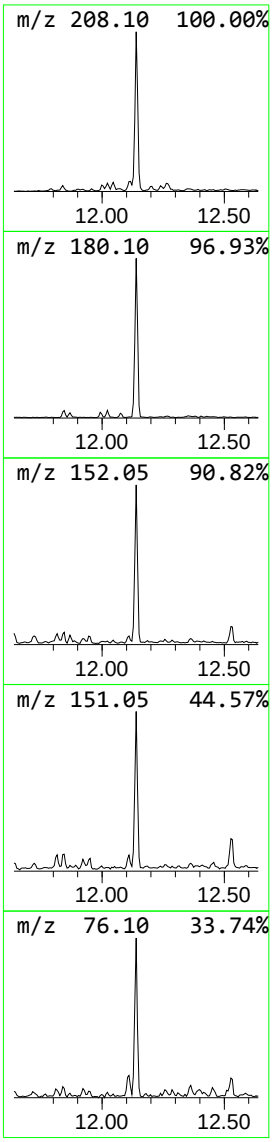
Peak Number 15 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	20.65 ng	605526	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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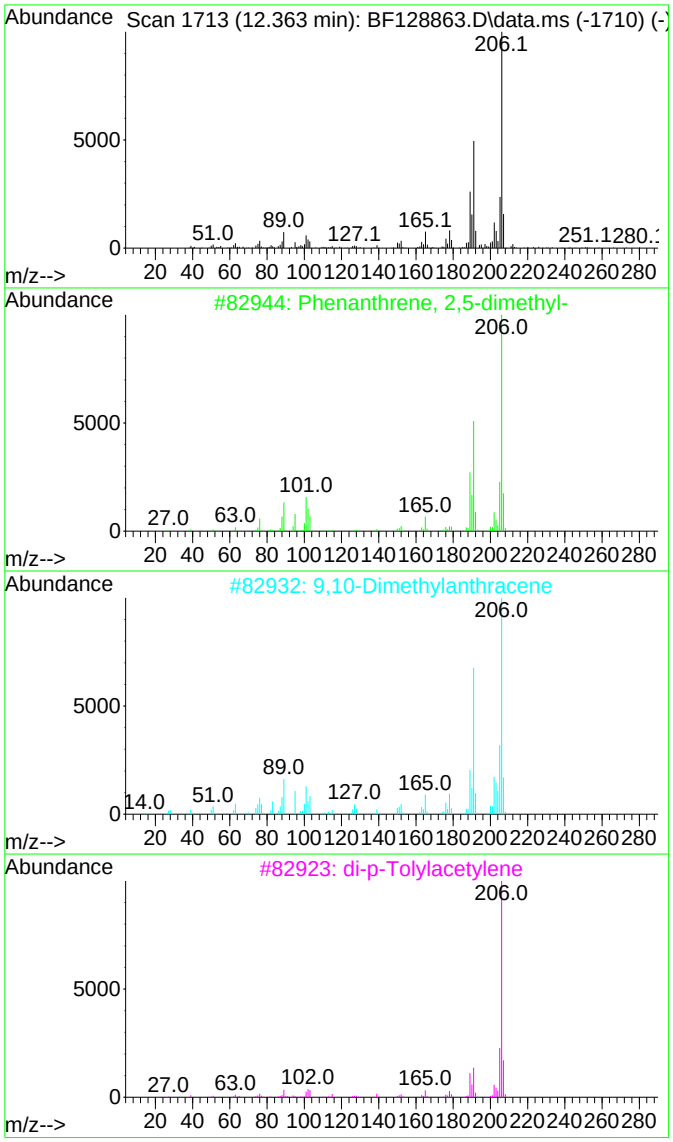
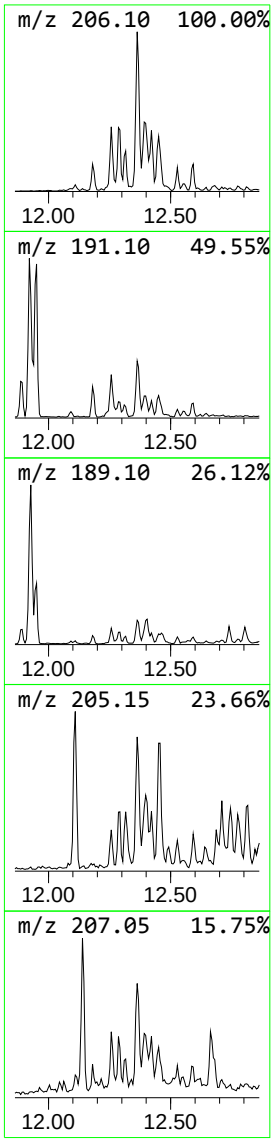
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	9.95 ng	291766	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

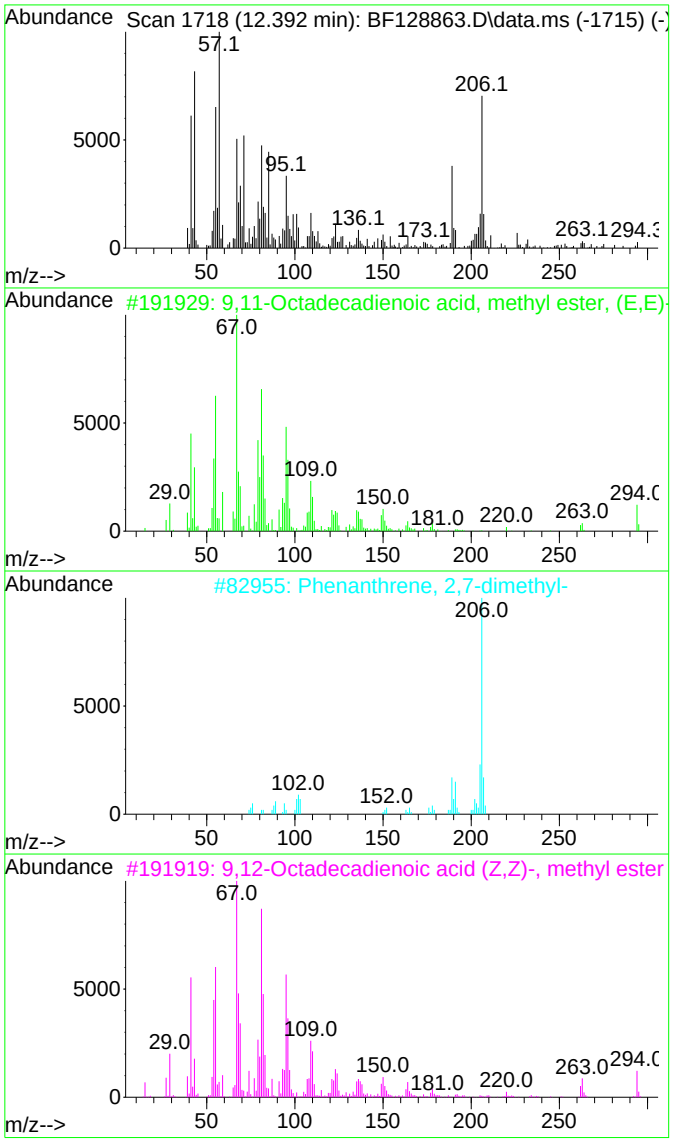
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

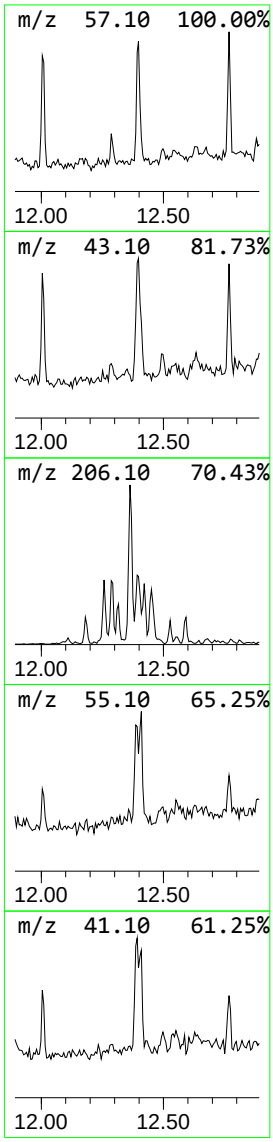
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,11-Octadecadienoic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	18.82 ng	551947	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	55
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	44
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	40
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	38





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Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
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Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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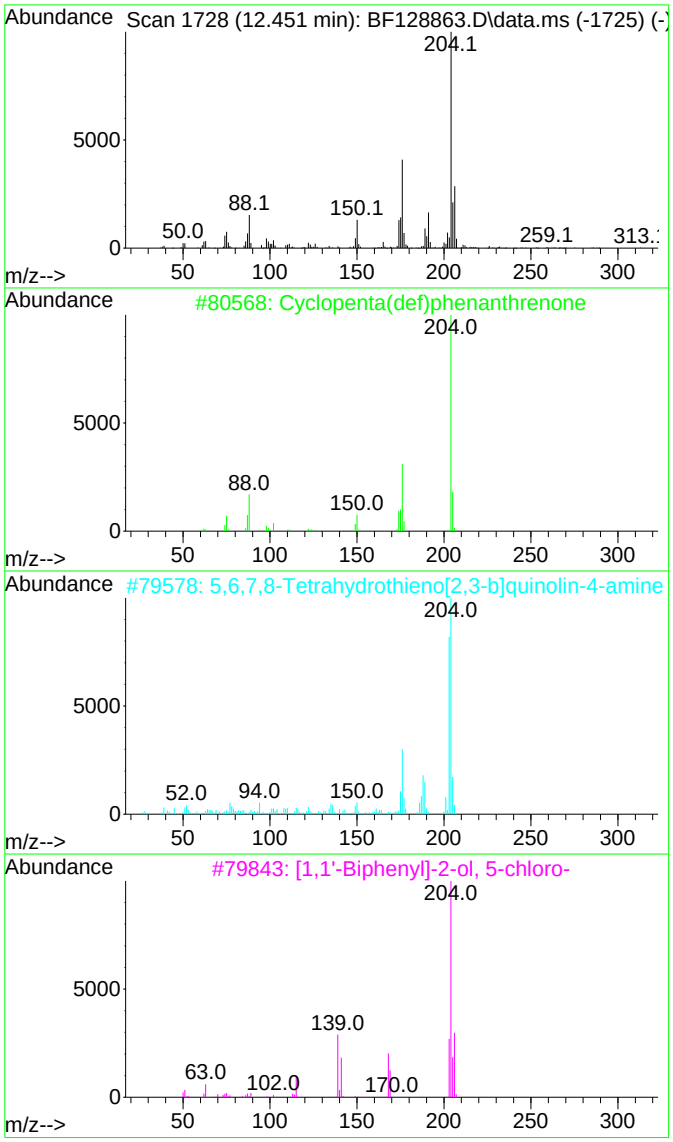
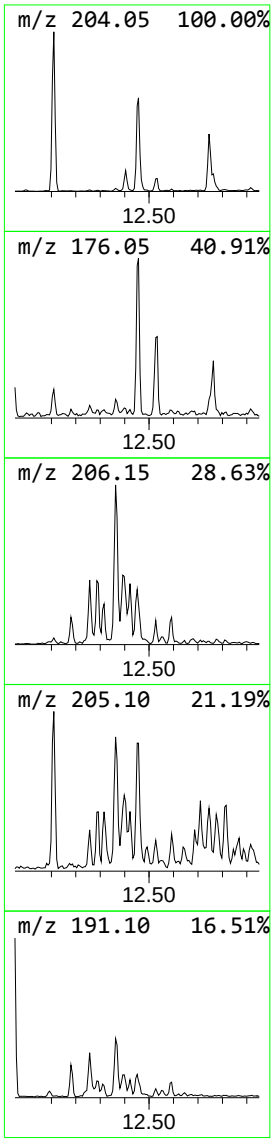
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	11.61 ng	340466	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





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Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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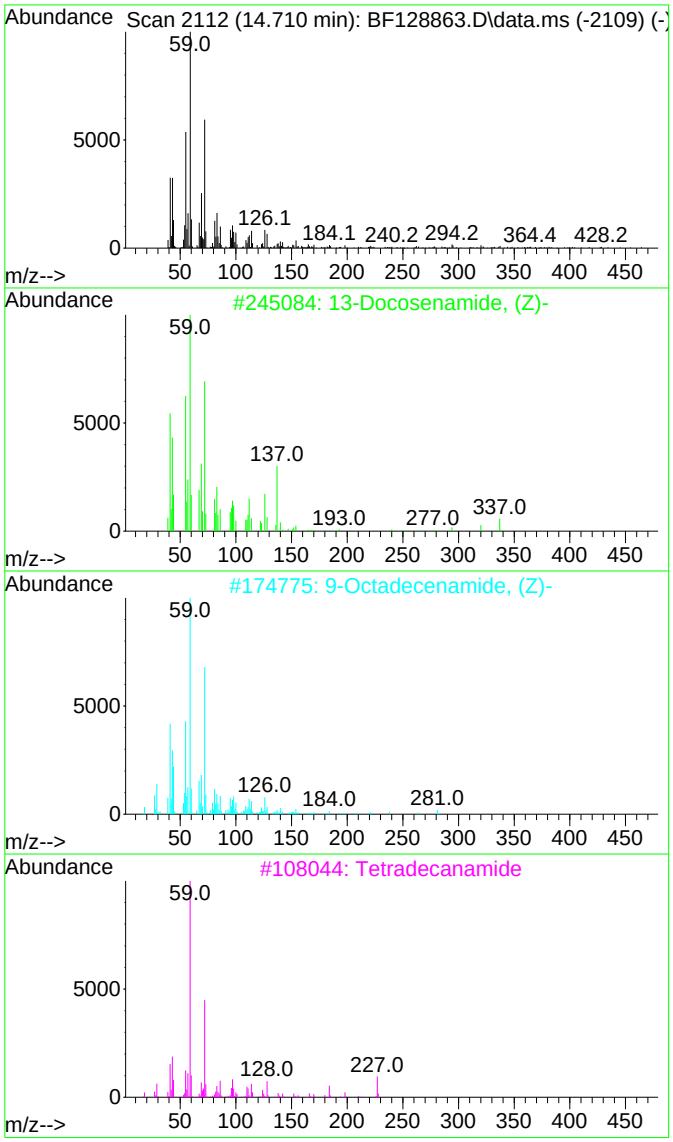
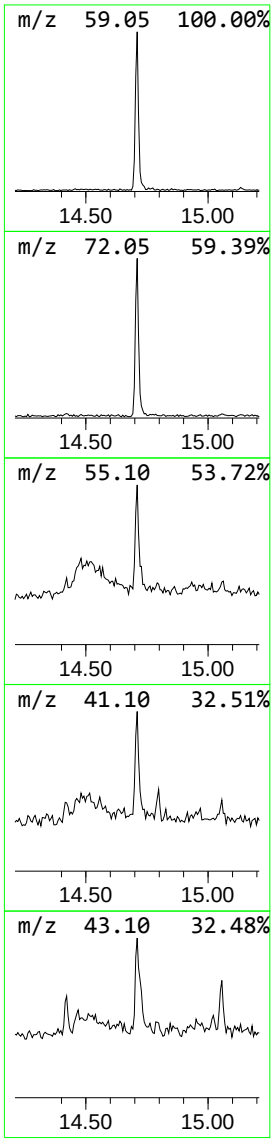
Peak Number 19 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	15.80 ng	320225	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Tetradecanamide	227	C14H29NO	000638-58-4	78
4	Octadecanamide	283	C18H37NO	000124-26-5	72
5	7-Nonenamide	155	C9H17NO	090949-53-4	59





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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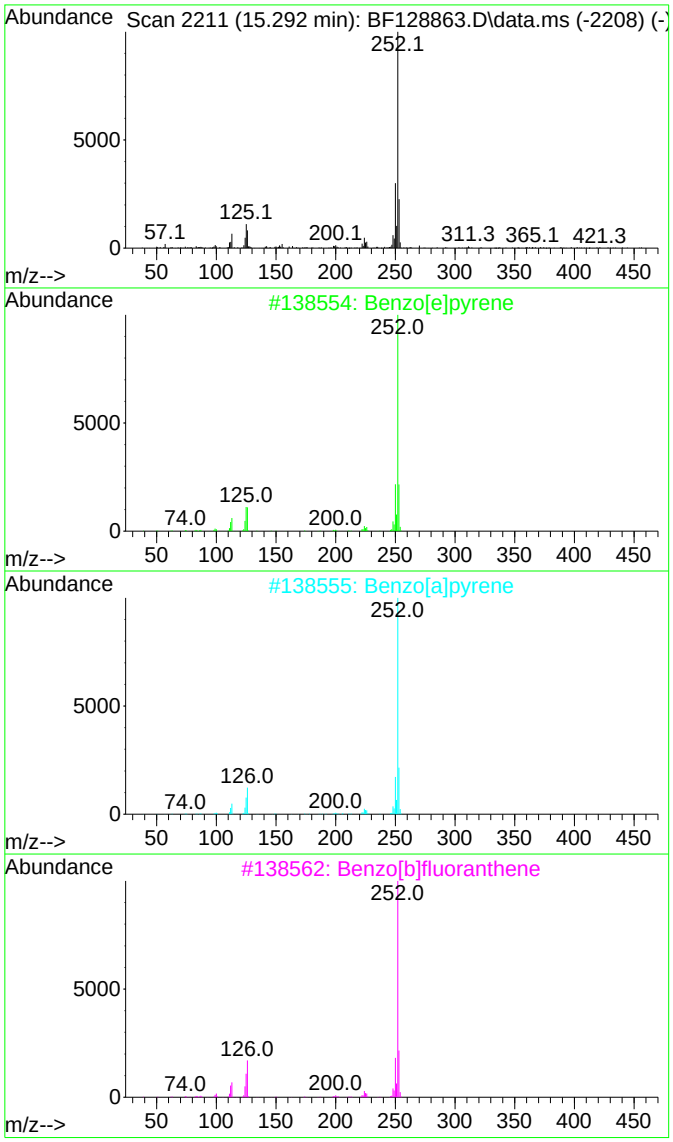
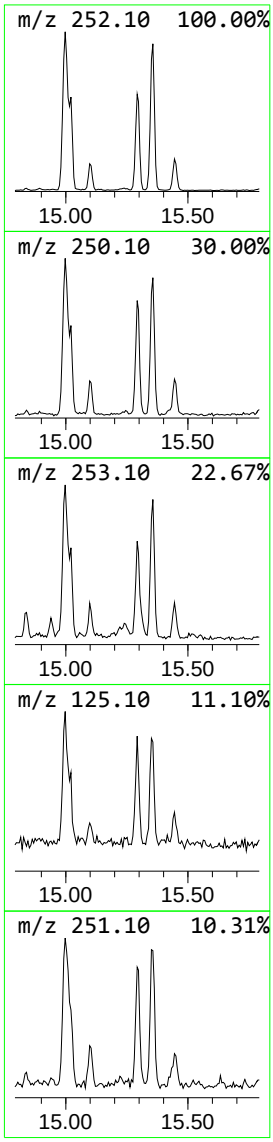
Peak Number 20 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	11.59 ng	235007	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

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Data File : BF128863.D
Acq On : 17 Jun 2022 19:40
Operator : CG\JU
Sample : N3383-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
Naphthalene, 1-...	9.333	6.3	ng	226105	3	9.822	714786	20.0
Naphthalene, 2,...	9.410	9.1	ng	323475	3	9.822	714786	20.0
Naphthalene, 2,...	9.481	11.1	ng	395590	3	9.822	714786	20.0
Naphthalene, 1,...	9.598	5.8	ng	207809	3	9.822	714786	20.0
unknown10.733	10.733	6.8	ng	198335	4	11.310	586538	20.0
9H-Fluorene, 1-...	10.916	6.0	ng	176825	4	11.310	586538	20.0
9H-Fluoren-9-one	11.116	13.0	ng	380462	4	11.310	586538	20.0
Naphtho[2,3-b]t...	11.204	13.2	ng	387934	4	11.310	586538	20.0
2-Methyldibenzo...	11.639	8.8	ng	257749	4	11.310	586538	20.0
Phenanthrene, 2...	11.816	23.7	ng	694798	4	11.310	586538	20.0
Phenanthrene, 1...	11.845	26.4	ng	773025	4	11.310	586538	20.0
1H-Indene, 2-ph...	11.922	28.9	ng	848593	4	11.310	586538	20.0
Anthracene, 2-m...	11.951	14.4	ng	422158	4	11.310	586538	20.0
Naphthalene, 2-...	12.110	12.7	ng	373263	4	11.310	586538	20.0
9,10-Anthracene...	12.139	20.6	ng	605526	4	11.310	586538	20.0
Phenanthrene, 2...	12.363	9.9	ng	291766	4	11.310	586538	20.0
9,11-Octadecadi...	12.392	18.8	ng	551947	4	11.310	586538	20.0
Cyclopenta(def)...	12.451	11.6	ng	340466	4	11.310	586538	20.0
13-Docosenamide...	14.710	15.8	ng	320225	6	15.415	405401	20.0
Benzo[e]pyrene	15.292	11.6	ng	235007	6	15.415	405401	20.0