LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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: BF128864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	529	532	543	rBV	1195121	1135040	42.46%	3.108%
2	6.440	702	706	716	rBV	1237978	1183693	44.28%	3.241%
3	6.781	760	764	767	rBV	739972	581535	21.75%	1.592%
4	7.345	856	860	863	rVB	932964	728815	27.26%	1.995%
5	7.810	935	939	942	rBV3	57168	79286	2.97%	0.217%
6	8.063	979	982	984	rBV	732810	624477	23.36%	1.710%
7	8.087	984	986	989	rVB	790363	576169	21.55%	1.578%
8	8.781	1100	1104	1107	rVB	888667	674598	25.23%	1.847%
9	8.881	1115	1121	1124	rBV	634669	580579	21.72%	1.590%
10	9.139	1162	1165	1168	rVB	1593106	1203862	45.03%	3.296%
11	9.239	1180	1182	1188	rVB	120907	102207	3.82%	0.280%
12	9.339	1196	1199	1204	rVB	128456	156862	5.87%	0.429%
13	9.410	1204	1211	1214	rBV	299307	383056	14.33%	1.049%
14	9.481	1219	1223	1225	rBV	472703	436482	16.33%	1.195%
15	9.504	1225	1227	1232	rVB	252139	218239	8.16%	0.598%
16	9.598	1239	1243	1245	rBV	238416	214066	8.01%	0.586%
17	9.681	1254	1257	1261	rVB	422829	347682	13.00%	0.952%
18	9.822	1278	1281	1284	rVB	789235	605896	22.66%	1.659%
19	9.851	1284	1286	1290	rVB2	249214	227390	8.51%	0.623%
20	9.928	1295	1299	1303	rBV2	111039	141916	5.31%	0.389%
21	9.969	1303	1306	1309	rBV3	35795	60667	2.27%	0.166%
22	10.022	1309	1315	1319	rVB2	236685	267091	9.99%	0.731%
23	10.063	1319	1322	1325	rVB	166030	124495	4.66%	0.341%
24	10.139	1331	1335	1337	rBV3	132417	156855	5.87%	0.429%
25	10.169	1337	1340	1346	rVB	104500	103215	3.86%	0.283%
26	10.228	1346	1350	1352	rBV2	97640	146396	5.48%	0.401%
27	10.245	1352	1353	1356	rVB	134678	89457	3.35%	0.245%
28	10.322	1360	1366	1368	rBV3	62245	76260	2.85%	0.209%
29	10.369	1371	1374	1380	rVB	510484	473485	17.71%	1.296%
30	10.457	1387	1389	1391	rVV3	64240	62007	2.32%	0.170%
31	10.481	1391	1393	1396	rVV	69447	64365	2.41%	0.176%
32	10.522	1397	1400	1404	rVB2	80419	90653	3.39%	0.248%
33	10.592	1409	1412	1413	rBV	84285	71343	2.67%	0.195%
34	10.616	1413	1416	1419	rVB	618313	558028	20.87%	1.528%
35	10.733	1431	1436	1442	rVB3	125969	188934	7.07%	0.517%
36	10.916	1463	1467	1470	rBV2	160621	204032	7.63%	0.559%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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	10.945	1470	1472	1475	rVV	146522	115178	4.31%	0.315%
38	11.004	1479	1482	1484	rVB	94004	85099	3.18%	0.233%
39	11.045	1484	1489	1491	rBV3	54792	82888	3.10%	0.227%
40	11.069	1491	1493	1499	rVV3	67275	80445	3.01%	0.220%
41	11.116	1499	1501	1504	rVV2	105517	87559	3.28%	0.240%
42	11.169	1506	1510	1513	rVV3	85352	112329	4.20%	0.308%
43	11.204	1513	1516	1521	rVB	292458	271616	10.16%	0.744%
44	11.310	1531	1534	1536	rBV	701647	645485	24.14%	1.767%
45	11.339	1536	1539	1542	rVV	2391784	1881684	70.38%	5.152%
46	11.386	1544	1547	1550	rVB	525664	401601	15.02%	1.100%
47	11.422	1550	1553	1555	rBV2	96158	102450	3.83%	0.281%
48	11.545	1571	1574	1577	rBV	115016	117111	4.38%	0.321%
49	11.604	1581	1584	1586	rVV2	103265	95536	3.57%	0.262%
50	11.639	1587	1590	1595	rVB	174815	174572	6.53%	0.478%
51	11.722	1602	1604	1609	rVB	123594	136392	5.10%	0.373%
52	11.816	1616	1620	1622	rVV	521107	500629	18.73%	1.371%
53	11.845	1622	1625	1628	rVV	624836	548465	20.52%	1.502%
54	11.892	1629	1633	1635	rVV	189466	186328	6.97%	0.510%
55	11.927	1635	1639	1641	rVV2	746535	817186	30.57%	2.237%
56	11.951	1641	1643	1647	rVB	376534	302134	11.30%	0.827%
57	12.010	1648	1653	1657	rBV4	66943	103978	3.89%	0.285%
58	12.045	1657	1659	1662	rBV	84150	69889	2.61%	0.191%
59	12.110	1667	1670	1672	rVV	263306	237148	8.87%	0.649%
60	12.139	1672	1675	1680	rVB2	191511	182723	6.83%	0.500%
61	12.239	1690	1692	1694	rBV	84202	85472	3.20%	0.234%
62	12.257	1694	1695	1698	rVV	106179	69843	2.61%	0.191%
63	12.292	1698	1701	1703	rVV	156517	138817	5.19%	0.380%
64	12.316	1703	1705	1707	rVB	117748	93625	3.50%	0.256%
65	12.363	1710	1713	1716	rBV	368629	402566	15.06%	1.102%
66	12.404	1716	1720	1725	rVB5	330967	617088	23.08%	1.690%
67	12.457	1725	1729	1733	rBV2	192724	251229	9.40%	0.688%
68	12.492	1733	1735	1738	rVB3	72002	59185	2.21%	0.162%
69	12.533	1738	1742	1745	rBV	2600474	2179247	81.51%	5.967%
70	12.574	1746	1749	1750	rBV	77185	60721	2.27%	0.166%
71	12.592	1750	1752	1755	rVB2	92931	73845	2.76%	0.202%
72	12.622	1755	1757	1760	rBV	134986	114262	4.27%	0.313%
73	12.680	1764	1767	1770	rVB2	118045	113112	4.23%	0.310%
74	12.763	1774	1781	1786	rBV	2413012	2673460	100.00%	7.320%
75	12.816	1786	1790	1793	rVB2	142422	180477	6.75%	0.494%
76	12.874	1797	1800	1801	rBV2	134613	120185	4.50%	0.329%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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	12.898	1801	1804	1807	rBV	1259153	966599	36.16%	2.647%
78	12.974	1813	1817	1821	rBV2	225602	336944	12.60%	0.923%
79	13.033	1824	1827	1829	rBV	77705	60657	2.27%	0.166%
80	13.063	1829	1832	1833	rBV2	187125	188015	7.03%	0.515%
81	13.086	1834	1836	1839	rVB	469785	405472	15.17%	1.110%
82	13.127	1840	1843	1845	rBV4	87271	104841	3.92%	0.287%
83	13.157	1845	1848	1850	rVB	326913	295740	11.06%	0.810%
84	13.192	1850	1854	1857	rBV2	361981	355592	13.30%	0.974%
85	13.286	1867	1870	1872	rBV	215912	172755	6.46%	0.473%
86	13.316	1872	1875	1878	rBV	243827	225689	8.44%	0.618%
87	13.598	1921	1923	1927	rVB	158985	162821	6.09%	0.446%
88	13.710	1939	1942	1944	rBV	185373	161976	6.06%	0.443%
89	13.733	1944	1946	1948	rVB	172553	119729	4.48%	0.328%
90	13.763	1948	1951	1955	rBV2	108630	157502	5.89%	0.431%
91	13.951	1980	1983	1987	rBV2	1109886	1571560	58.78%	4.303%
92	13.986	1987	1989	1997	rVB	914355	867532	32.45%	2.375%
93	14.110	2008	2010	2016	rVB4	125972	169856	6.35%	0.465%
94	14.351	2048	2051	2053	rVB	195605	183291	6.86%	0.502%
95	14.380	2054	2056	2060	rVB	102846	90589	3.39%	0.248%
96	15.004	2158	2162	2165	rBV	521442	757396	28.33%	2.074%
97	15.298	2209	2212	2219	rVB	306916	377763	14.13%	1.034%
98	15.363	2219	2223	2229	rBV	512550	637952	23.86%	1.747%
99	15.421	2230	2233	2237	rBV2	312960	397479	14.87%	1.088%
100	16.874	2476	2480	2487	rVB2	138938	244948	9.16%	0.671%

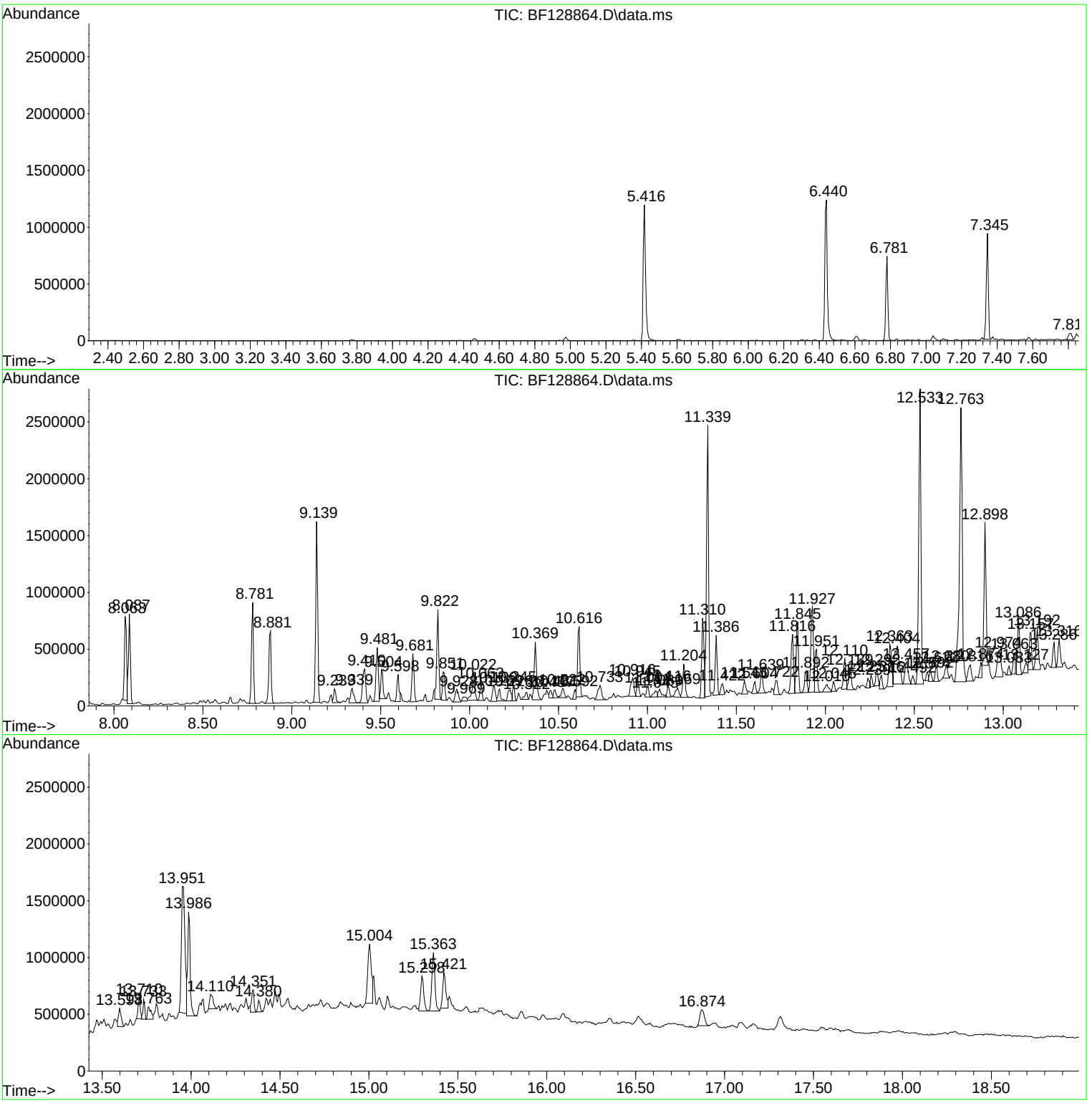
Sum of corrected areas: 36523390

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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 : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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

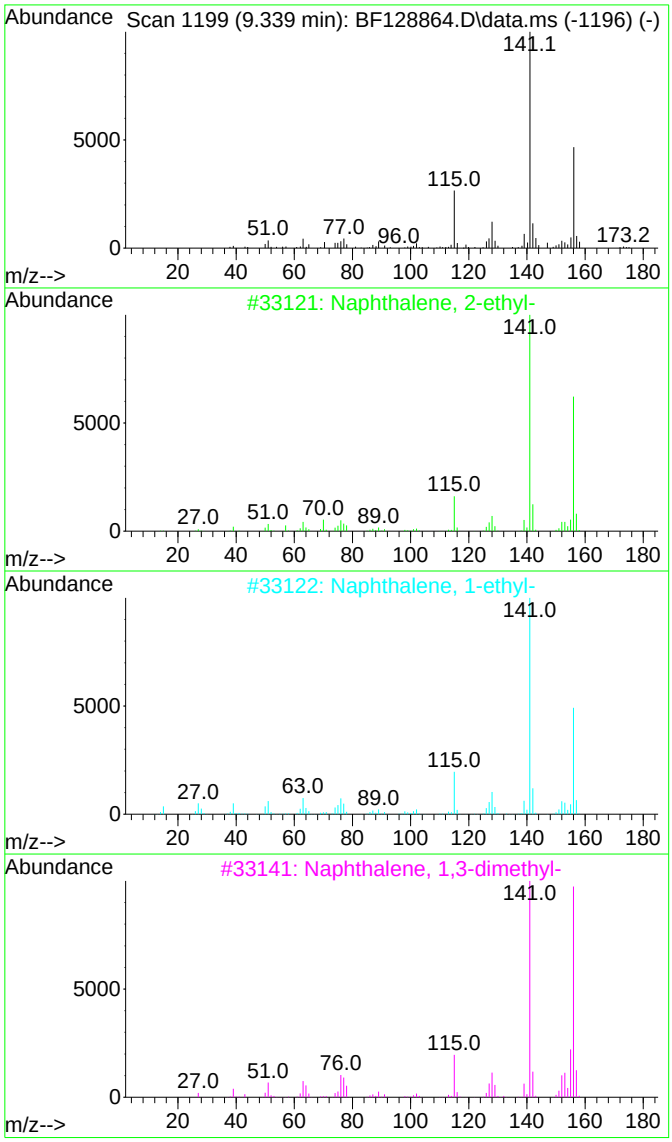
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

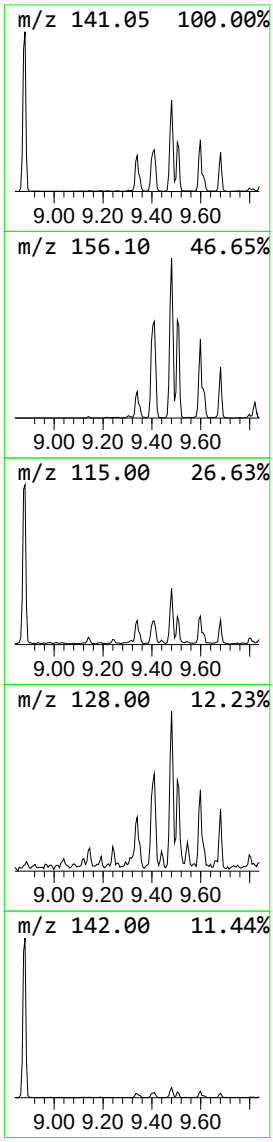
****

Peak Number 1 Naphthalene, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	5.18 ng	156862	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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

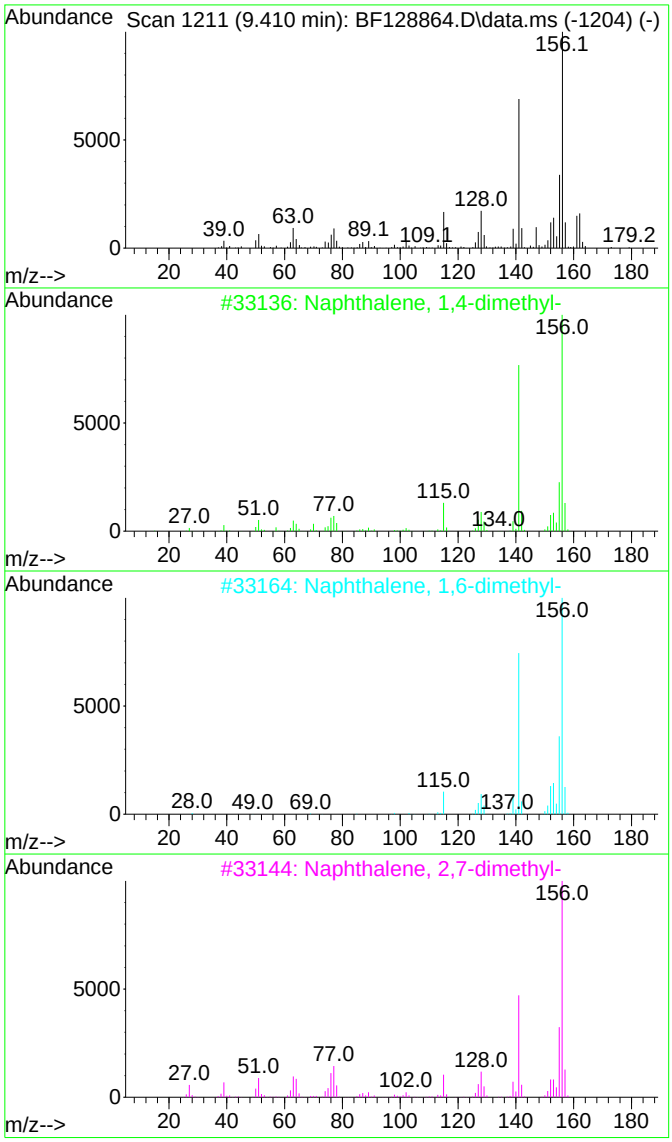
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

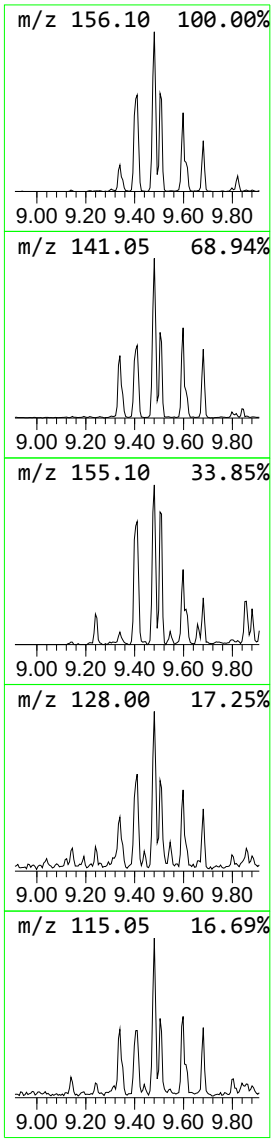
****

Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	12.64 ng	383056	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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

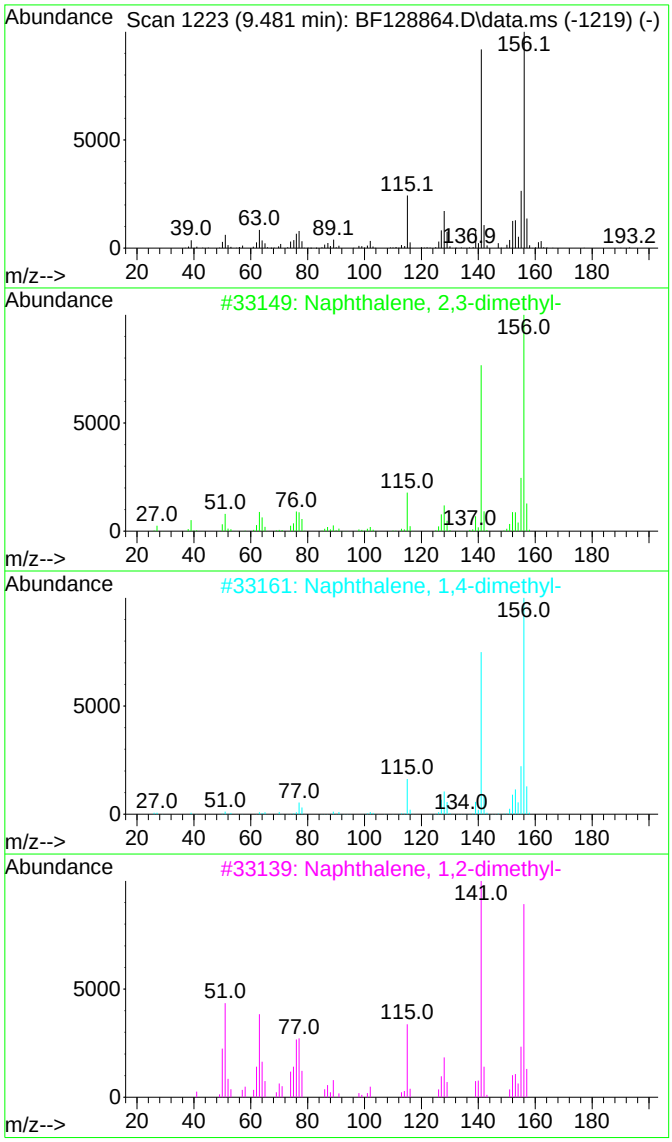
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

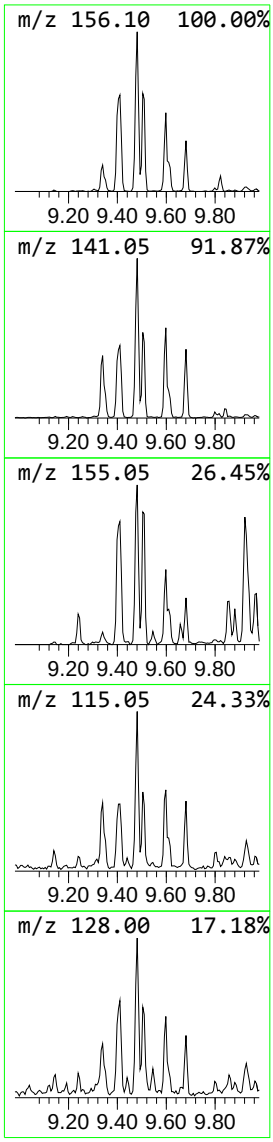
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	14.41 ng	436482	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, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

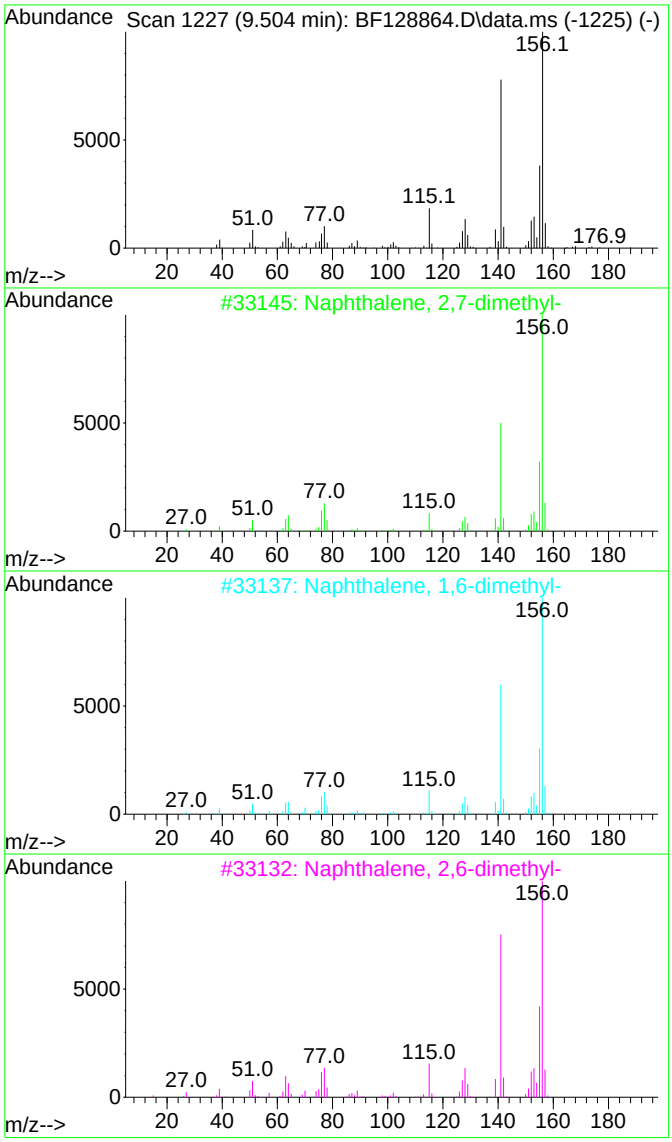
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

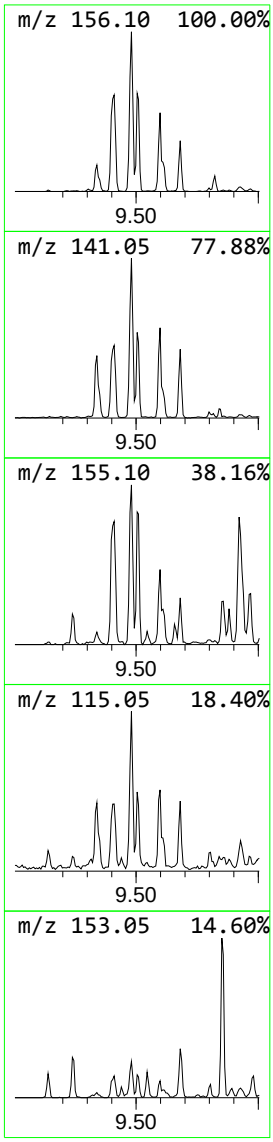
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	7.20 ng	218239	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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

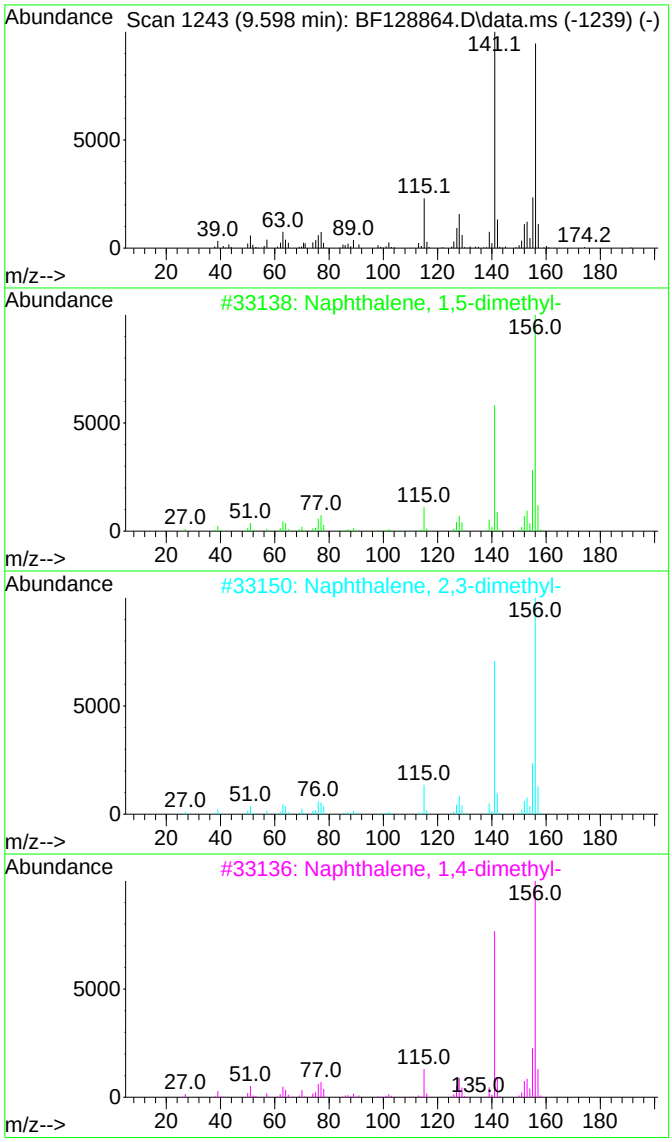
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

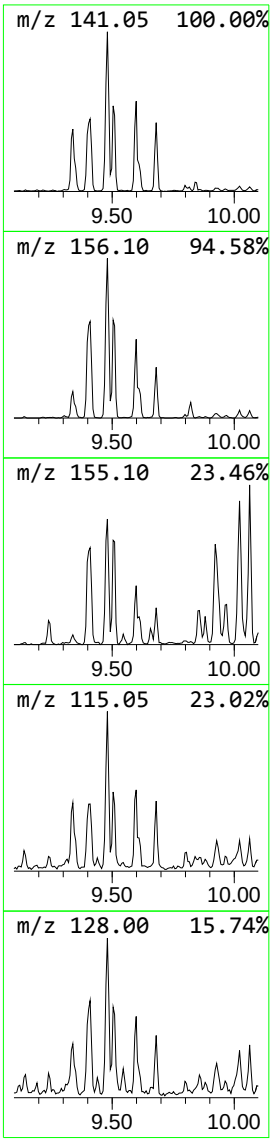
****

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	7.07 ng	214066	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-03-(0-3.5)

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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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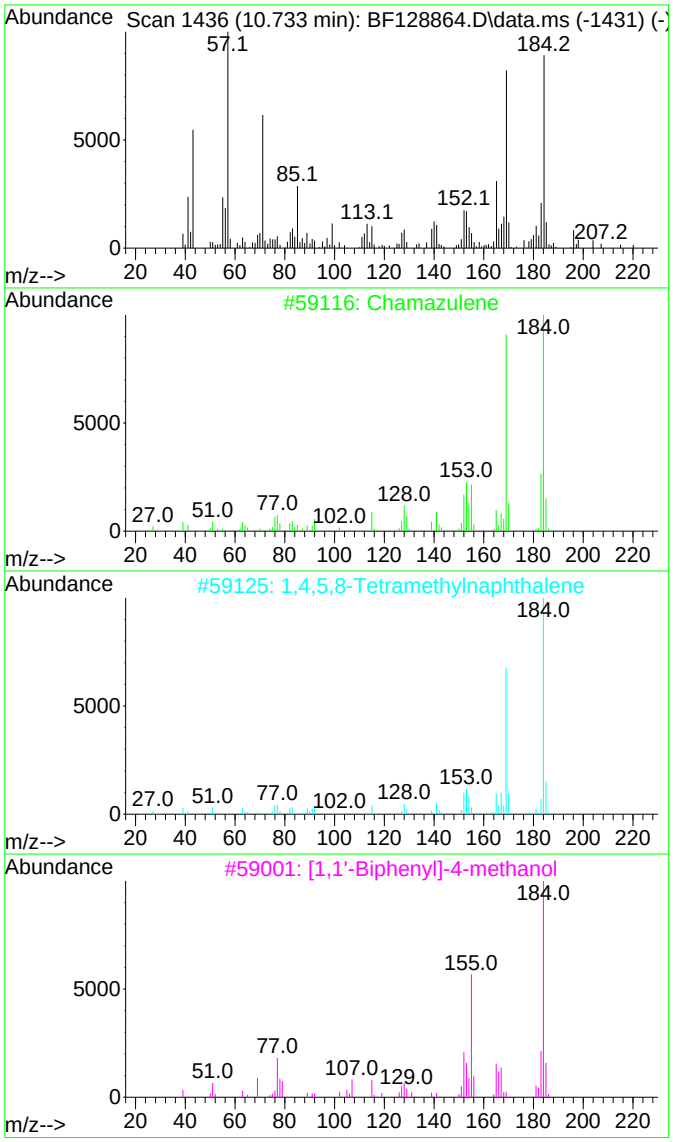
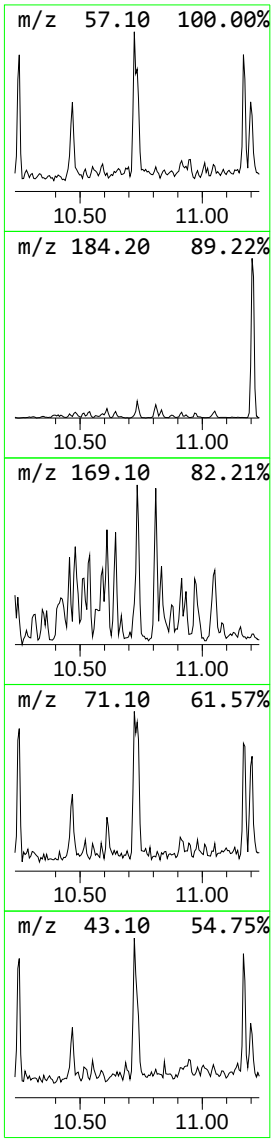
Peak Number 6 Chamazulene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	5.85 ng	188934	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	93
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	92
3	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	80
4	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	78
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	58





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-03-(0-3.5)

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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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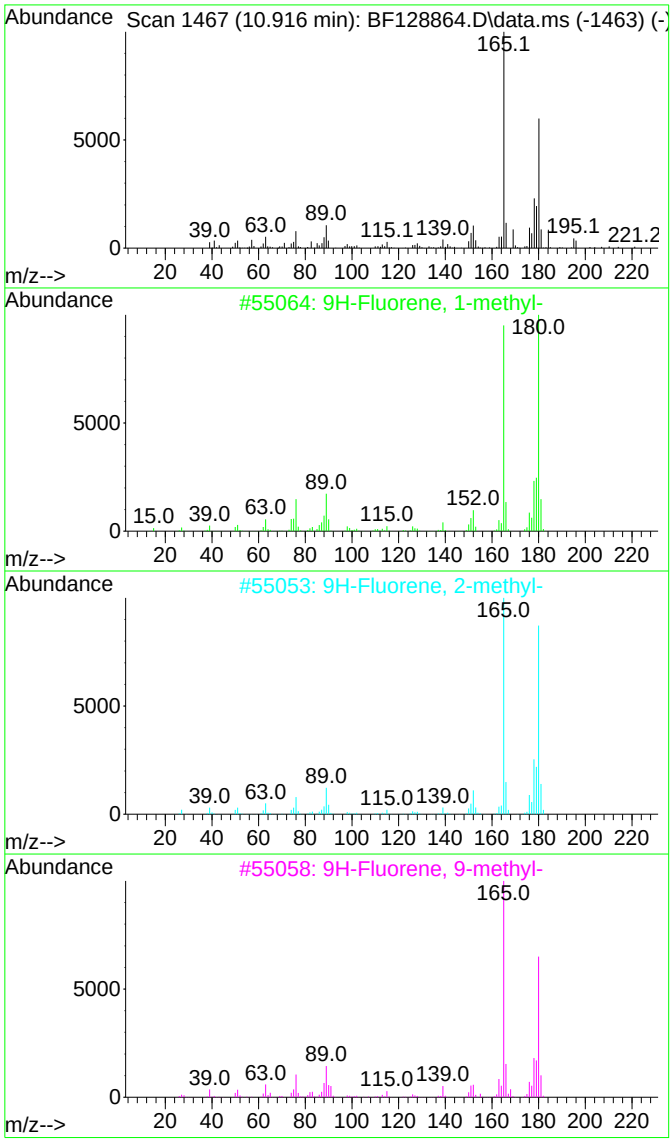
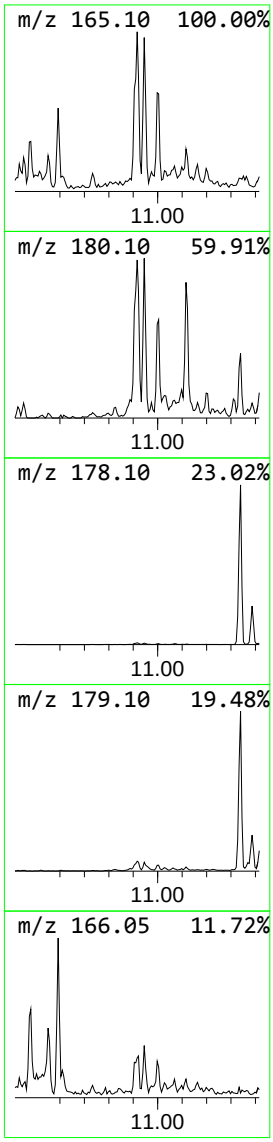
Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	6.32 ng	204032	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-03-(0-3.5)

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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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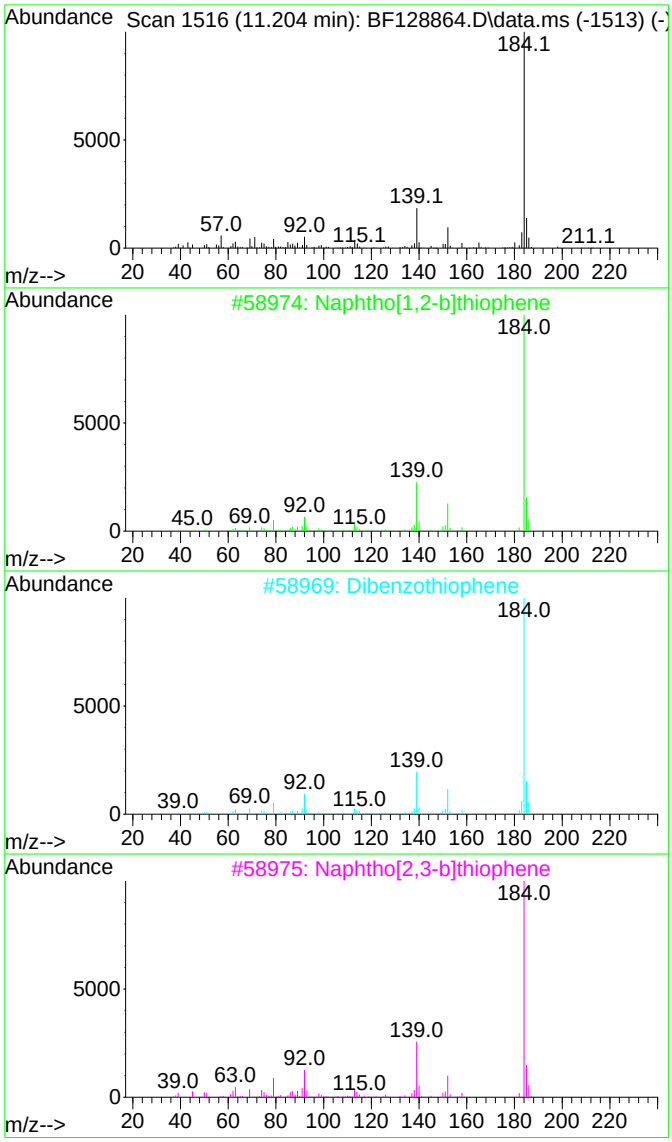
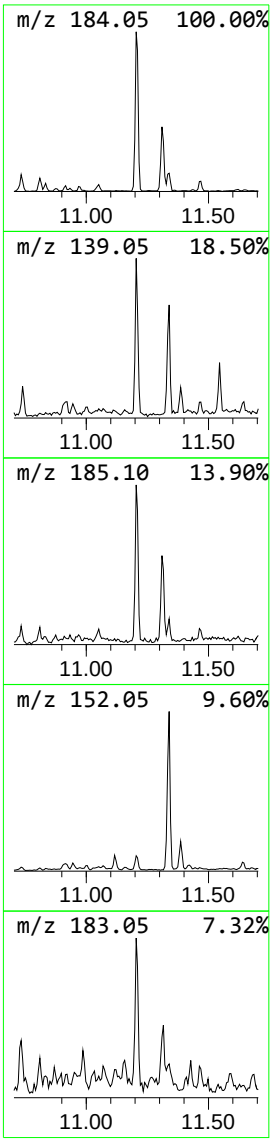
Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	8.42 ng	271616	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-03-(0-3.5)

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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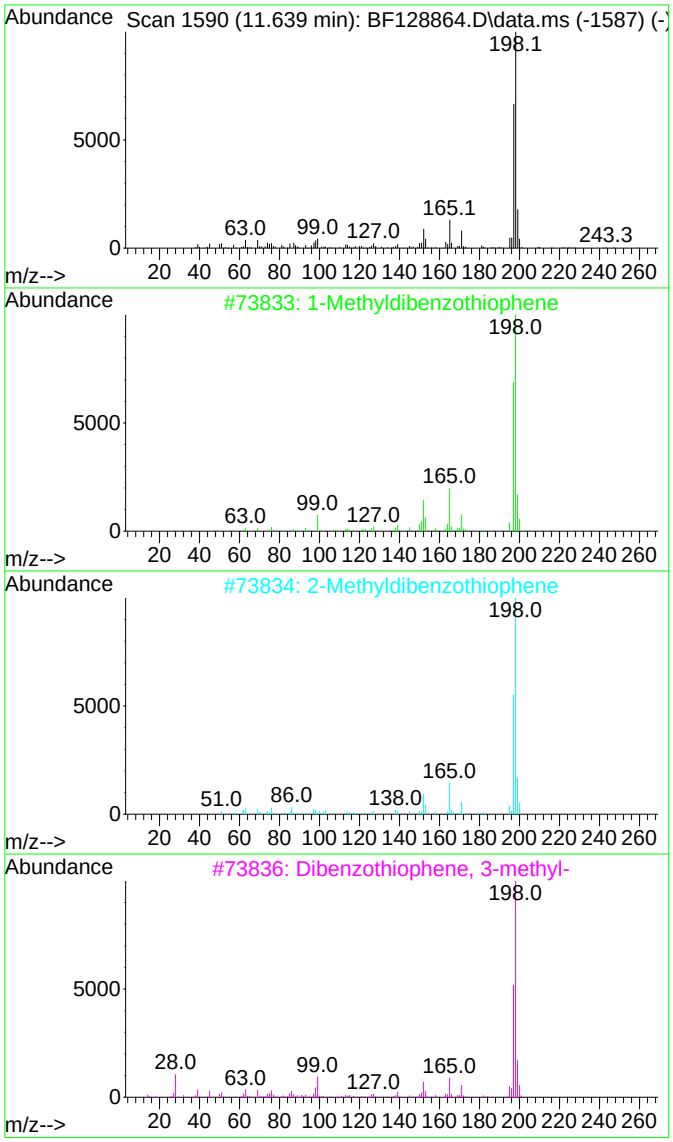
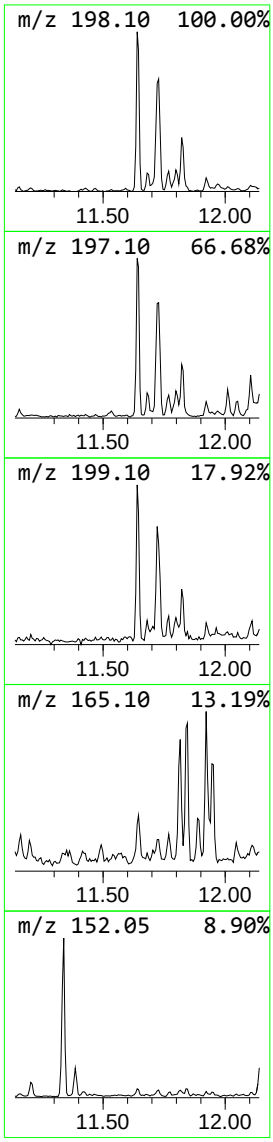
Peak Number 9 1-Methyldibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	5.41 ng	174572	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-03-(0-3.5)

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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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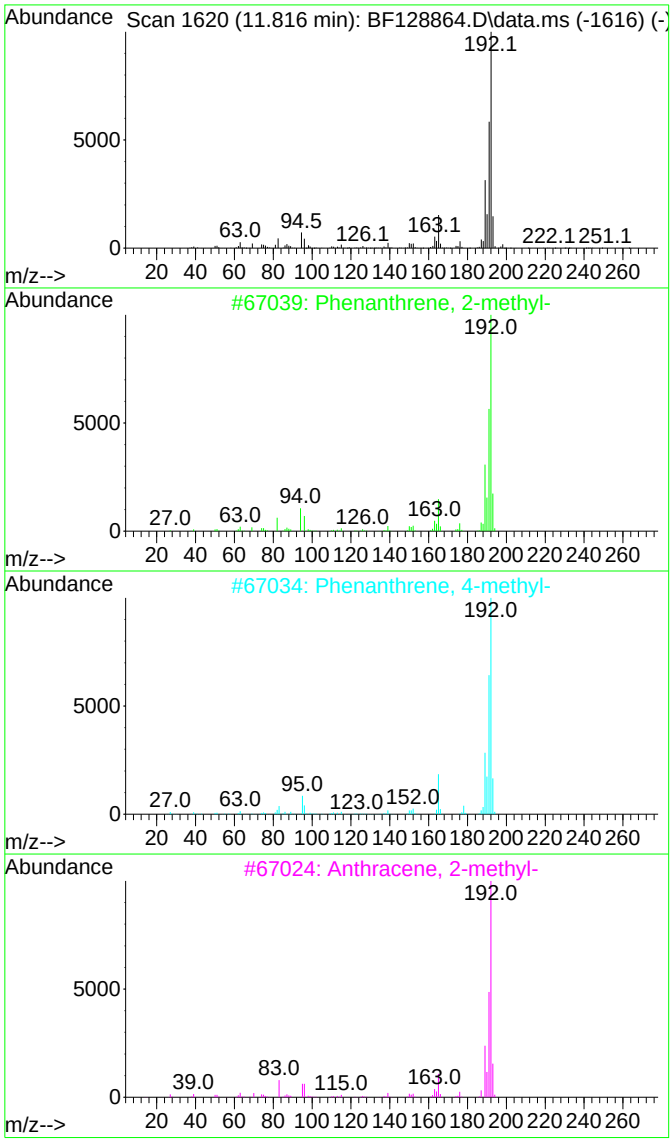
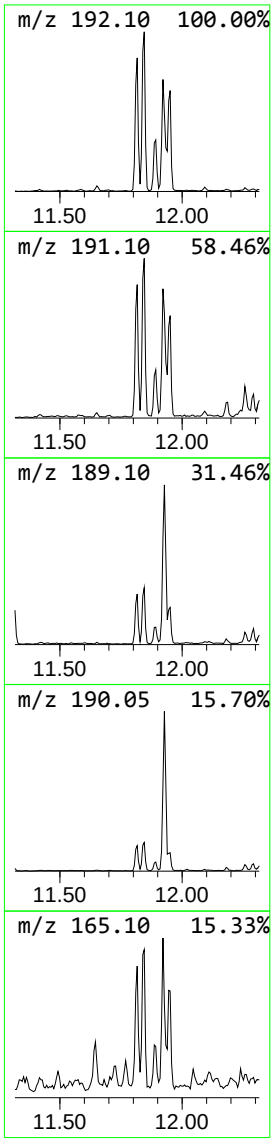
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	15.51 ng	500629	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-03-(0-3.5)

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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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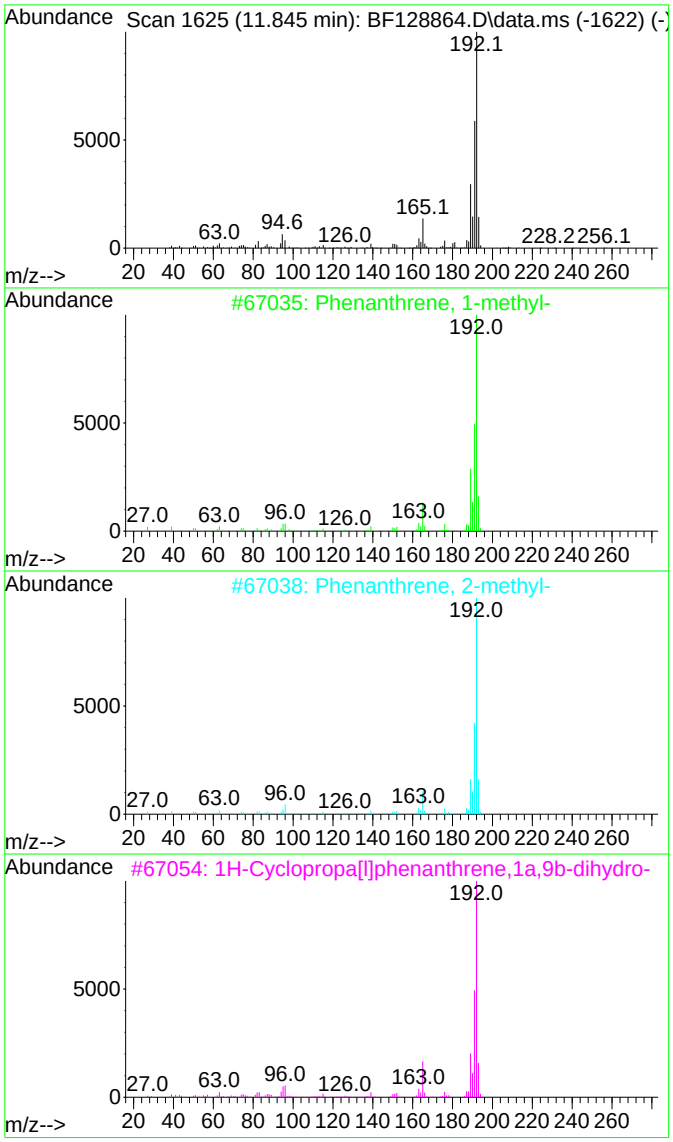
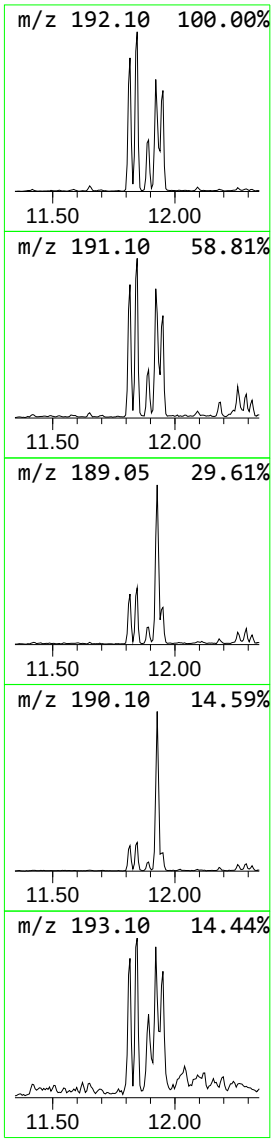
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	16.99 ng	548465	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, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-03-(0-3.5)

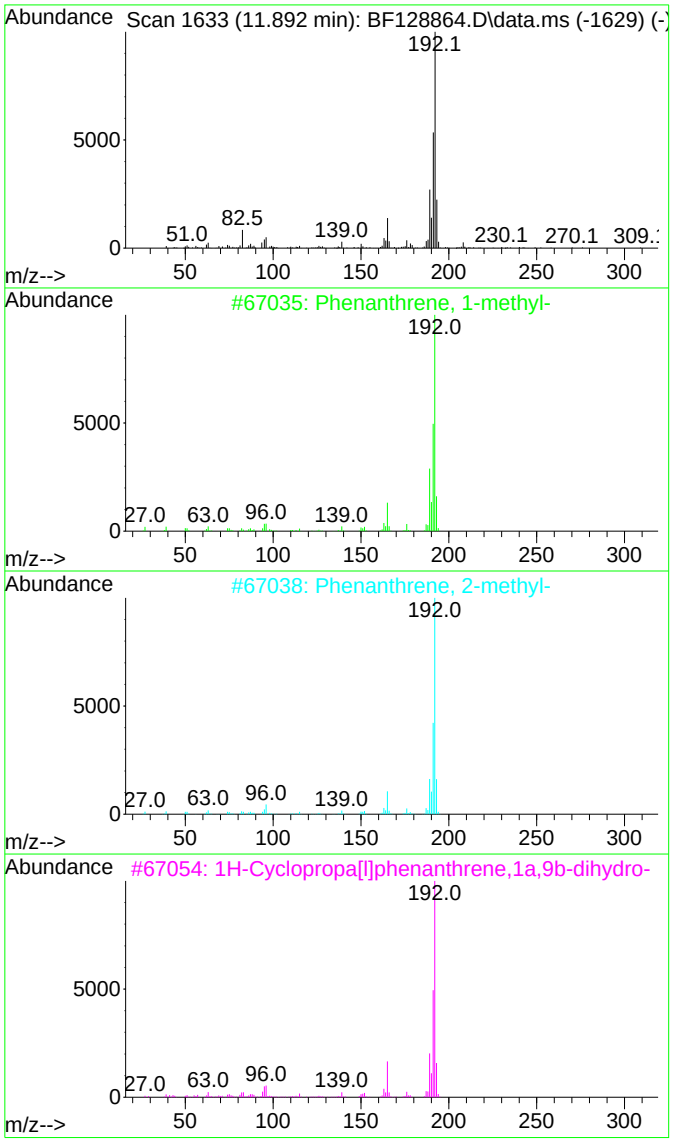
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

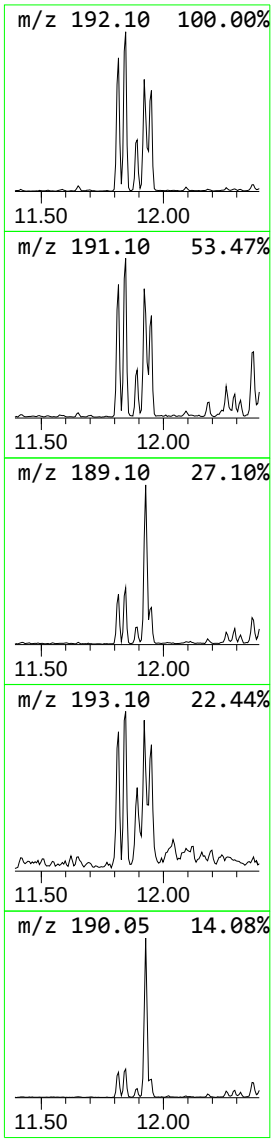
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.77 ng	186328	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Sample : N3383-01 2X
Misc :
ALS Vial : 18 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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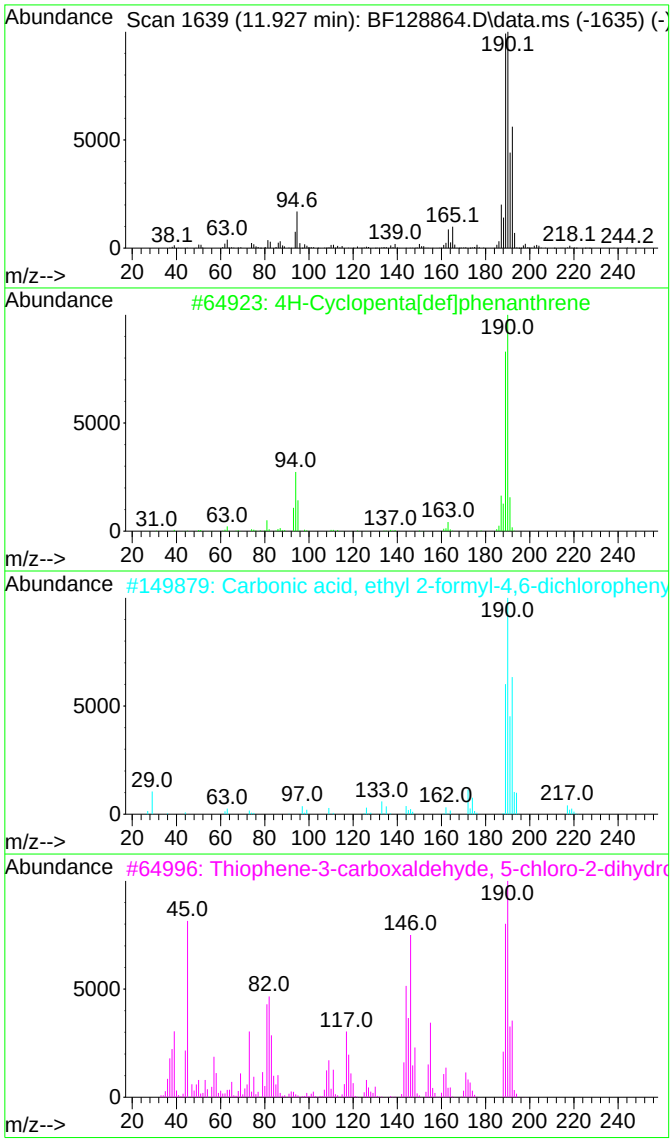
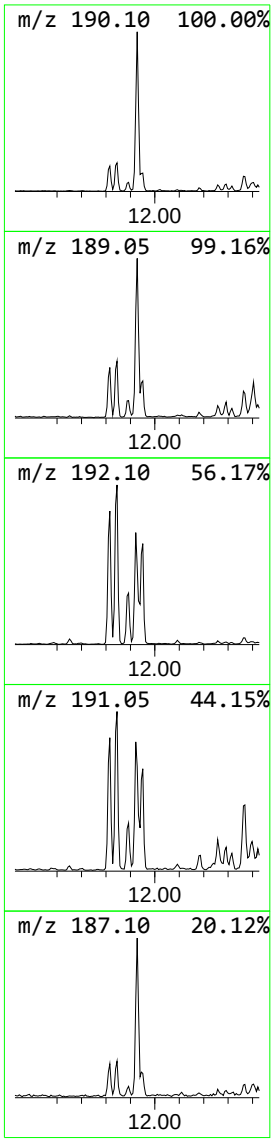
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	25.32 ng	817186	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38





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Misc :
ALS Vial : 18 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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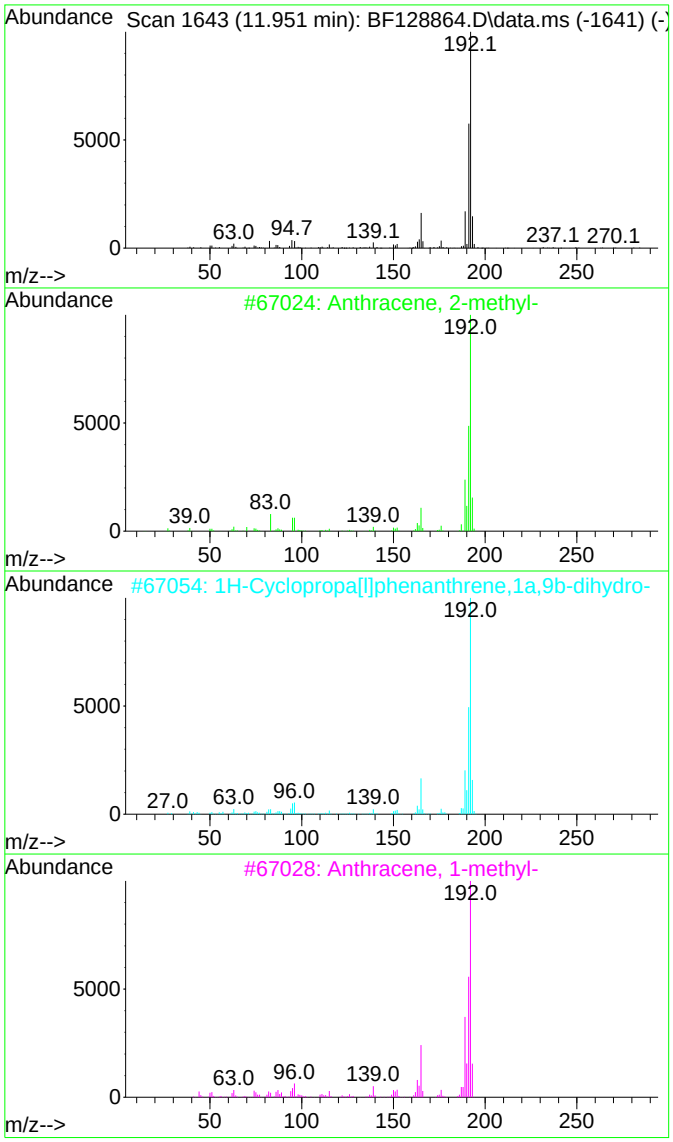
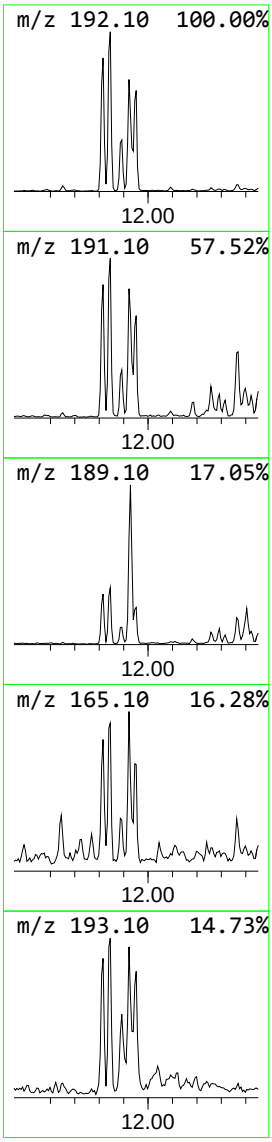
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	9.36 ng	302134	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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Misc :
ALS Vial : 18 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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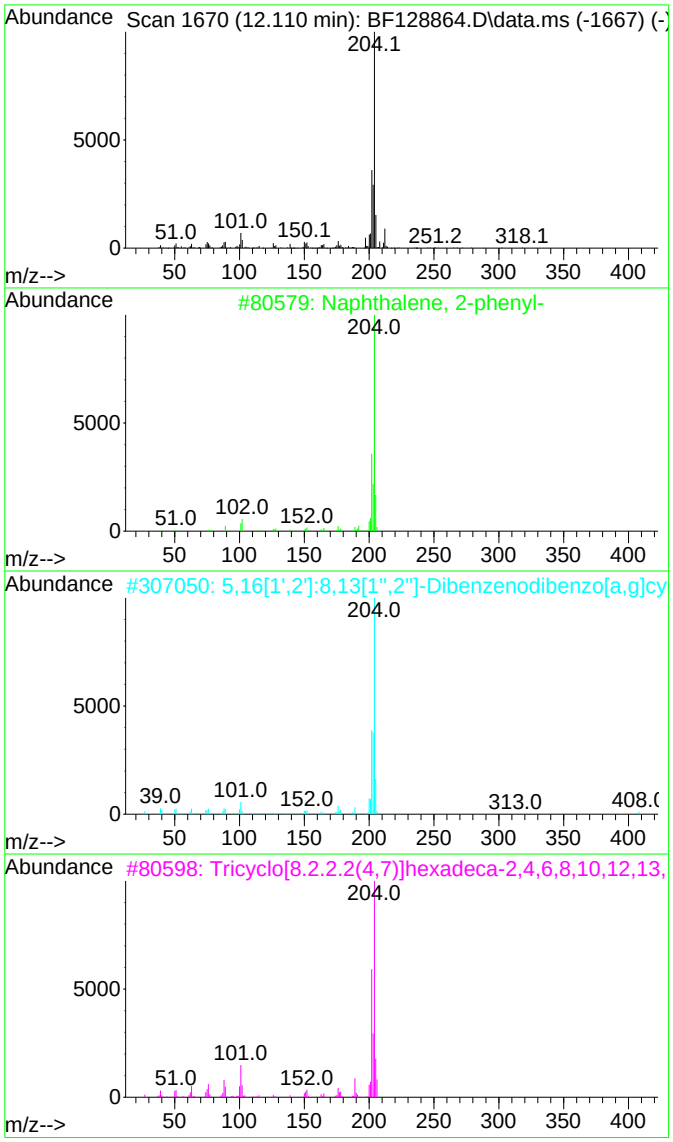
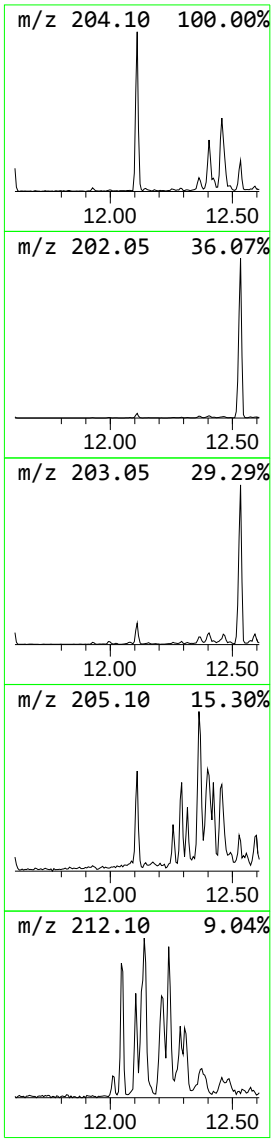
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	7.35 ng	237148	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	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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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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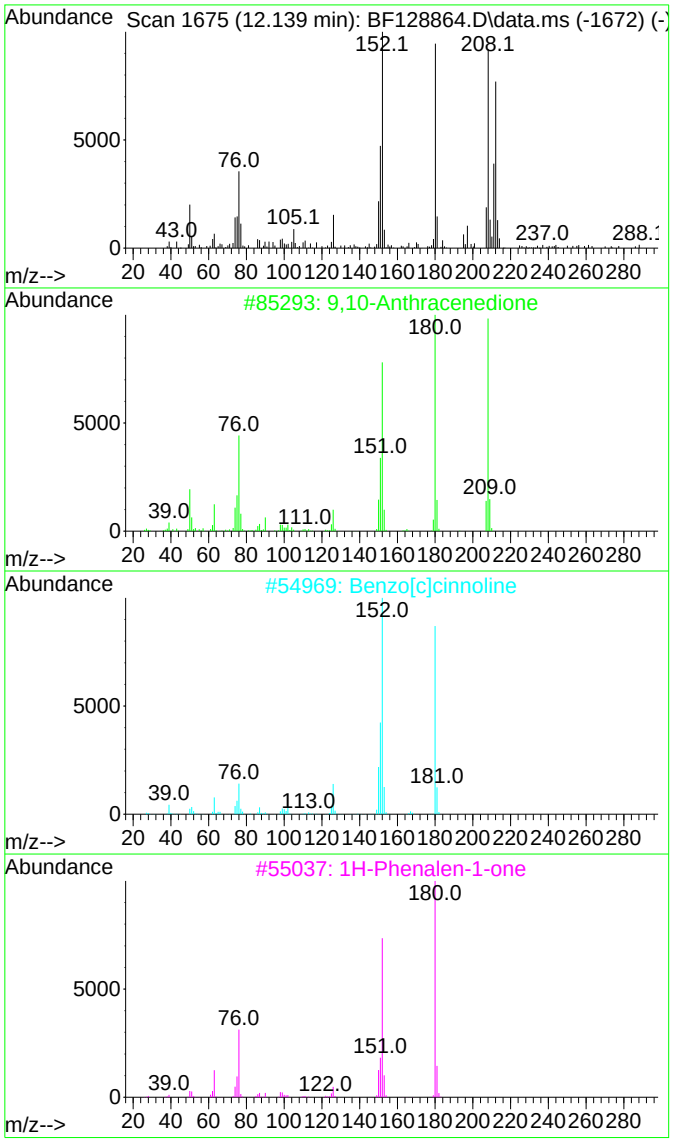
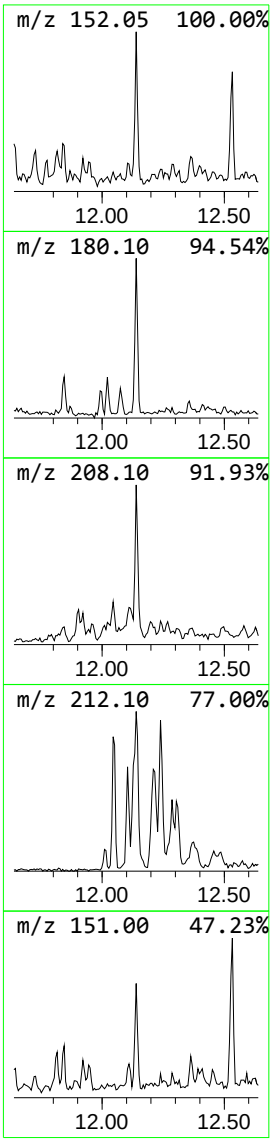
Peak Number 16 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	5.66 ng	182723	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	70
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	46
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	41





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Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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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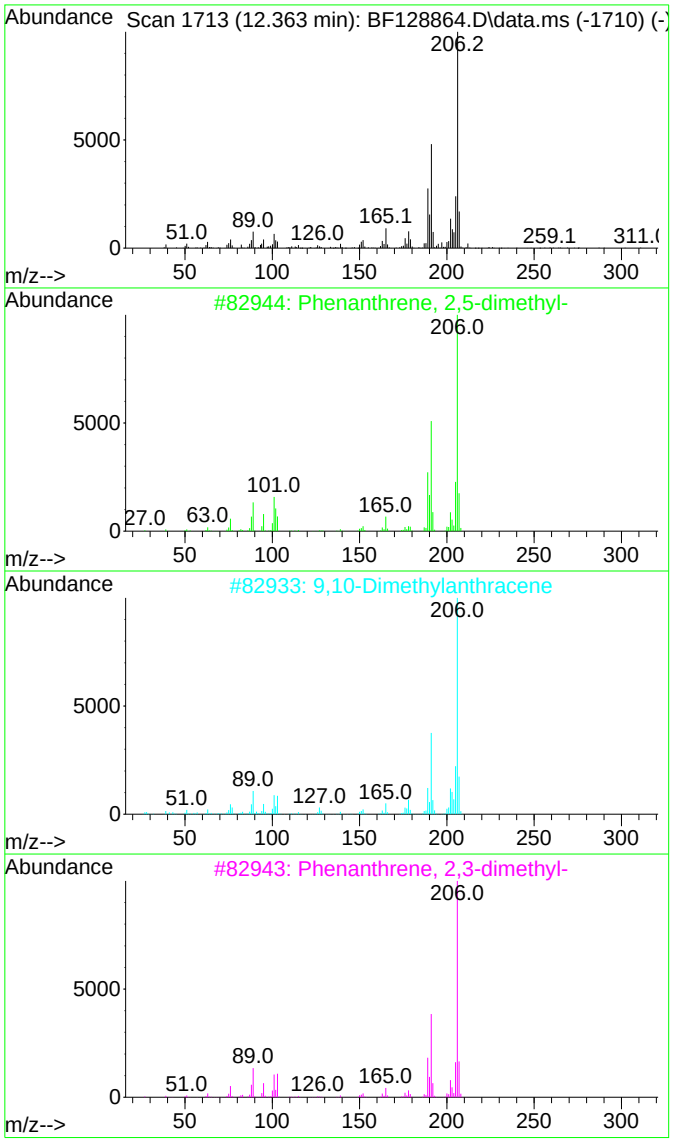
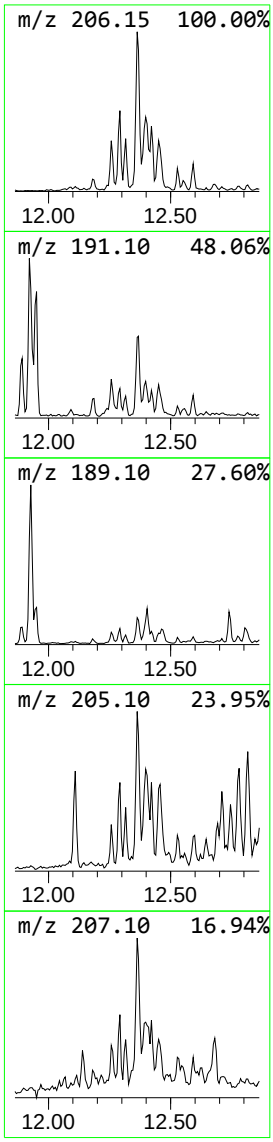
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	12.47 ng	402566	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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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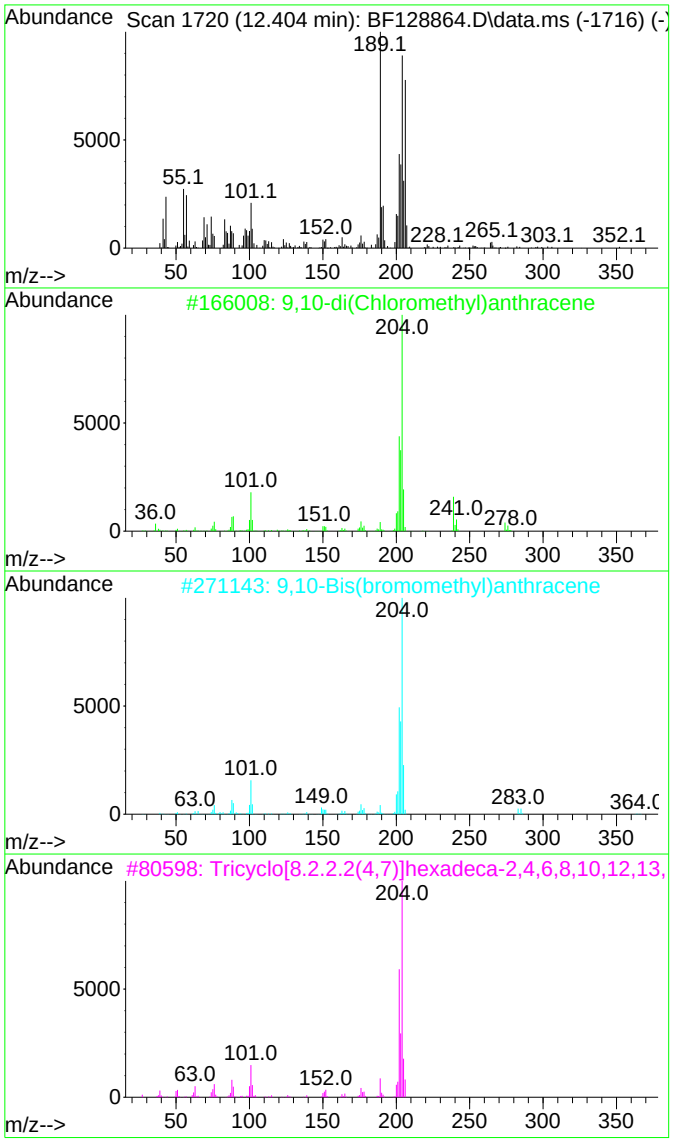
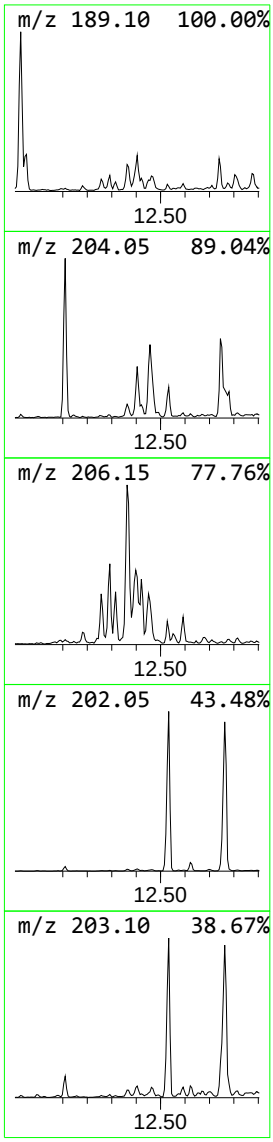
Peak Number 18 unknown12.404 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	19.12 ng	617088	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	42
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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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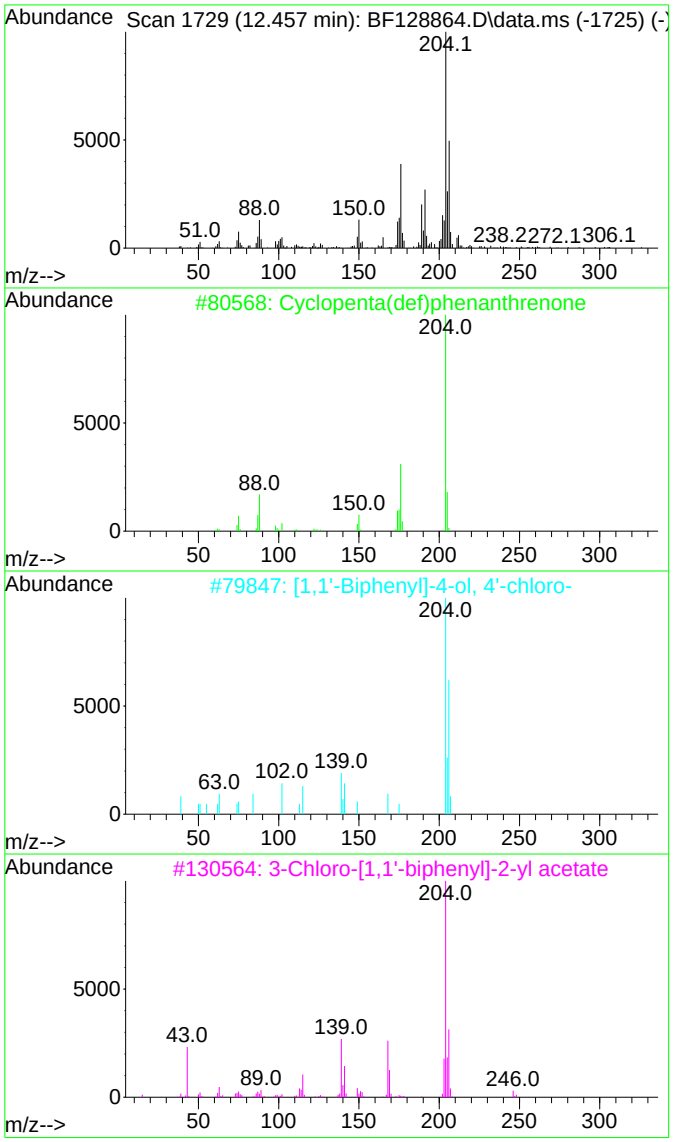
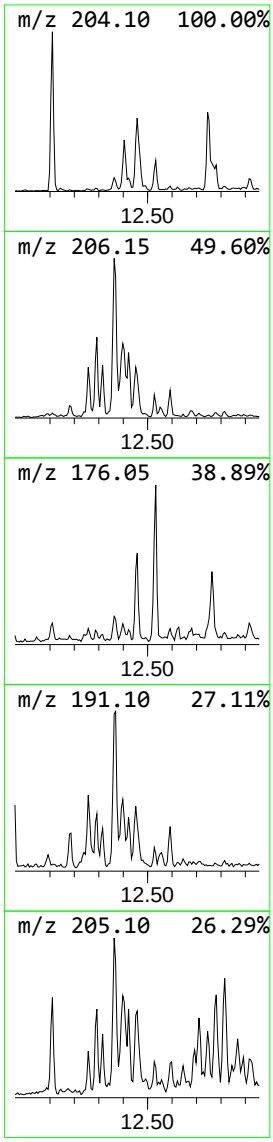
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	7.78 ng	251229	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	3-Chloro-[1,1'-biphenyl]-2-yl ac...	246	C14H11ClO2	007460-70-0	43
4	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38
5	2,4-Dichloro-3-ethyl-5-methylphe...	290	C13H16Cl2O3	1000487-42-8	38





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Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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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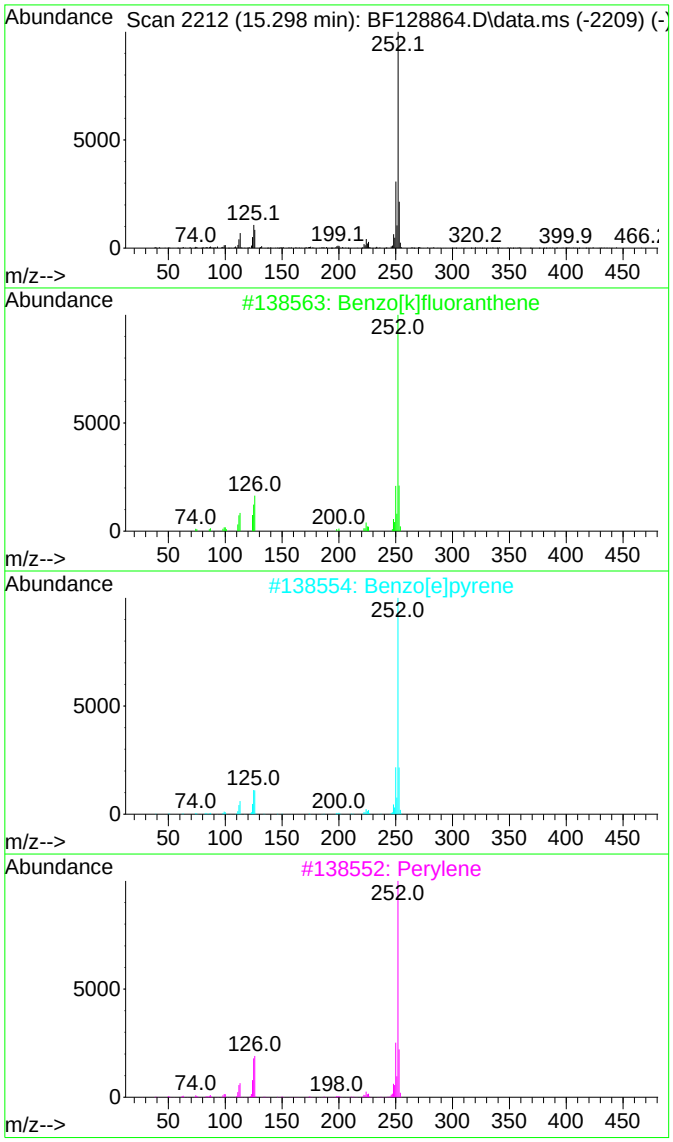
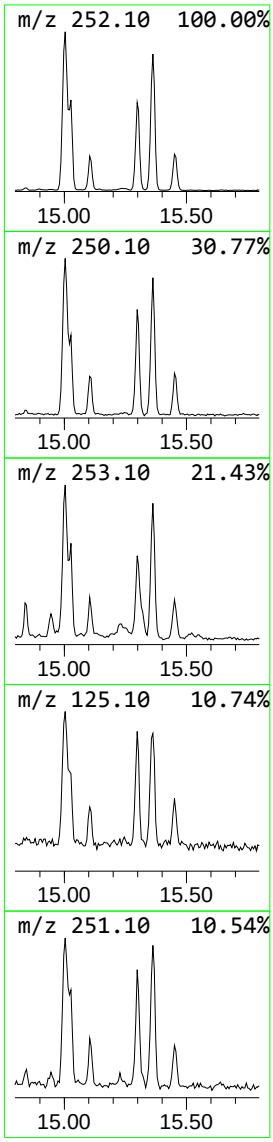
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	19.01 ng	377763	Perylene-d12	15.421

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128864.D
Acq On : 17 Jun 2022 20:11
Operator : CG\JU
Sample : N3383-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-03-(0-3.5)

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, 2-...	9.339	5.2	ng	156862	3	9.822	605896	20.0
Naphthalene, 1,...	9.410	12.6	ng	383056	3	9.822	605896	20.0
Naphthalene, 2,...	9.481	14.4	ng	436482	3	9.822	605896	20.0
Naphthalene, 2,...	9.504	7.2	ng	218239	3	9.822	605896	20.0
Naphthalene, 1,...	9.598	7.1	ng	214066	3	9.822	605896	20.0
Chamazulene	10.733	5.8	ng	188934	4	11.310	645485	20.0
9H-Fluorene, 1-...	10.916	6.3	ng	204032	4	11.310	645485	20.0
Naphtho[1,2-b]t...	11.204	8.4	ng	271616	4	11.310	645485	20.0
1-Methyldibenzo...	11.639	5.4	ng	174572	4	11.310	645485	20.0
Phenanthrene, 2...	11.816	15.5	ng	500629	4	11.310	645485	20.0
Phenanthrene, 1...	11.845	17.0	ng	548465	4	11.310	645485	20.0
1H-Cyclopropa[l...	11.892	5.8	ng	186328	4	11.310	645485	20.0
4H-Cyclopenta[d...	11.928	25.3	ng	817186	4	11.310	645485	20.0
Anthracene, 2-m...	11.951	9.4	ng	302134	4	11.310	645485	20.0
Naphthalene, 2-...	12.110	7.3	ng	237148	4	11.310	645485	20.0
9,10-Anthracene...	12.139	5.7	ng	182723	4	11.310	645485	20.0
Phenanthrene, 2...	12.363	12.5	ng	402566	4	11.310	645485	20.0
unknown12.404	12.404	19.1	ng	617088	4	11.310	645485	20.0
Cyclopenta(def)...	12.457	7.8	ng	251229	4	11.310	645485	20.0
Benzo[e]pyrene	15.298	19.0	ng	377763	6	15.421	397479	20.0