LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129759.D
Acq On : 12 Aug 2022 23:12
Operator : CG\JU
Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-081022

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129759.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	539	542	554	rBV	288791	331226	6.76%	0.673%
2	6.492	712	715	724	rBV	309631	302656	6.17%	0.615%
3	6.651	739	742	746	rBV	54265	53164	1.08%	0.108%
4	6.834	769	773	776	rBV	758407	625568	12.76%	1.271%
5	7.398	865	869	871	rBV	190382	190191	3.88%	0.386%
6	8.116	987	991	993	rBV	904870	855606	17.45%	1.738%
7	8.139	993	995	998	rVB	1485892	1107586	22.59%	2.250%
8	8.828	1109	1112	1116	rBV	692800	527075	10.75%	1.071%
9	8.928	1124	1129	1132	rBV	371434	306912	6.26%	0.624%
10	9.186	1169	1173	1177	rVB	451256	342022	6.98%	0.695%
11	9.292	1188	1191	1196	rVB	130435	115420	2.35%	0.235%
12	9.386	1204	1207	1212	rVB	79018	80058	1.63%	0.163%
13	9.451	1214	1218	1223	rBV	146735	199296	4.07%	0.405%
14	9.527	1227	1231	1234	rBV	198440	202377	4.13%	0.411%
15	9.557	1234	1236	1242	rVB2	121645	113765	2.32%	0.231%
16	9.645	1247	1251	1256	rVB	100224	106875	2.18%	0.217%
17	9.733	1262	1266	1269	rBV2	107609	97792	1.99%	0.199%
18	9.851	1283	1286	1287	rBV	82427	80160	1.64%	0.163%
19	9.869	1287	1289	1292	rVV	872812	773180	15.77%	1.571%
20	9.904	1292	1295	1298	rVB	939985	704885	14.38%	1.432%
21	9.969	1304	1306	1311	rVB	38077	49913	1.02%	0.101%
22	10.027	1311	1316	1318	rBV2	50591	67140	1.37%	0.136%
23	10.075	1320	1324	1327	rVV	736091	624162	12.73%	1.268%
24	10.110	1327	1330	1334	rVB3	76117	79080	1.61%	0.161%
25	10.186	1339	1343	1346	rBV	65599	79075	1.61%	0.161%
26	10.216	1346	1348	1354	rVB	57440	50859	1.04%	0.103%
27	10.286	1354	1360	1364	rBV4	85383	129172	2.63%	0.262%
28	10.422	1379	1383	1386	rBV	1246830	1015150	20.71%	2.063%
29	10.504	1395	1397	1400	rVB	161188	129573	2.64%	0.263%
30	10.557	1403	1406	1407	rVV2	59132	58274	1.19%	0.118%
31	10.575	1407	1409	1416	rVB	186989	153978	3.14%	0.313%
32	10.663	1420	1424	1428	rVV2	348855	414936	8.46%	0.843%
33	10.710	1428	1432	1434	rVB3	40991	53584	1.09%	0.109%
34	10.763	1438	1441	1450	rVB3	103137	169416	3.46%	0.344%
35	10.969	1470	1476	1479	rBV2	194381	223708	4.56%	0.455%
36	10.998	1479	1481	1483	rVB	73834	53480	1.09%	0.109%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-081022

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.051	1487	1490	1493	rVB2	82956	72510	1.48%	0.147%
38	11.092	1493	1497	1499	rBV4	67880	96563	1.97%	0.196%
39	11.210	1513	1517	1520	rBV	168940	164741	3.36%	0.335%
40	11.257	1523	1525	1530	rVB	306187	281626	5.74%	0.572%
41	11.363	1539	1543	1545	rBV	901022	895394	18.26%	1.819%
42	11.392	1545	1548	1551	rVV	4544454	4156104	84.77%	8.445%
43	11.439	1551	1556	1559	rVV	1427012	1281971	26.15%	2.605%
44	11.474	1559	1562	1567	rVV2	81820	102851	2.10%	0.209%
45	11.522	1567	1570	1575	rVV3	48399	61097	1.25%	0.124%
46	11.598	1578	1583	1587	rVV	545365	563813	11.50%	1.146%
47	11.633	1587	1589	1591	rVV2	96819	85939	1.75%	0.175%
48	11.657	1591	1593	1597	rVV3	76271	105201	2.15%	0.214%
49	11.698	1597	1600	1604	rVB4	69202	95539	1.95%	0.194%
50	11.739	1604	1607	1611	rBV	1291681	1026553	20.94%	2.086%
51	11.863	1625	1628	1631	rBV	428661	438271	8.94%	0.890%
52	11.892	1631	1633	1637	rVB	633066	563272	11.49%	1.144%
53	11.945	1638	1642	1645	rBV	245393	256396	5.23%	0.521%
54	11.980	1645	1648	1650	rVV	820172	798708	16.29%	1.623%
55	11.998	1650	1651	1656	rVB	269251	217001	4.43%	0.441%
56	12.045	1656	1659	1662	rBV2	150335	139578	2.85%	0.284%
57	12.157	1675	1678	1682	rVB	267858	247765	5.05%	0.503%
58	12.310	1701	1704	1707	rVB	68322	52368	1.07%	0.106%
59	12.339	1707	1709	1711	rBV	91089	72460	1.48%	0.147%
60	12.369	1711	1714	1717	rVB	90104	68911	1.41%	0.140%
61	12.433	1719	1725	1727	rBV	4832325	4902569	100.00%	9.961%
62	12.451	1727	1728	1734	rVB2	3437306	2676737	54.60%	5.439%
63	12.516	1734	1739	1740	rBV4	86987	140750	2.87%	0.286%
64	12.533	1740	1742	1747	rVB	672194	527104	10.75%	1.071%
65	12.592	1747	1752	1755	rBV	3701972	3822610	77.97%	7.767%
66	12.621	1755	1757	1759	rVV	68070	63161	1.29%	0.128%
67	12.645	1759	1761	1764	rVB	102859	80900	1.65%	0.164%
68	12.733	1774	1776	1779	rVB2	116411	101080	2.06%	0.205%
69	12.821	1784	1791	1795	rVV2	2942695	3661113	74.68%	7.439%
70	12.863	1795	1798	1802	rVB2	188447	193690	3.95%	0.394%
71	12.945	1807	1812	1815	rBV2	473273	581682	11.86%	1.182%
72	12.974	1815	1817	1820	rVB	186090	169353	3.45%	0.344%
73	13.021	1822	1825	1830	rBV3	215728	385446	7.86%	0.783%
74	13.068	1831	1833	1835	rBV	90339	62944	1.28%	0.128%
75	13.121	1839	1842	1843	rVV3	191448	220910	4.51%	0.449%
76	13.145	1843	1846	1848	rVB	656030	595630	12.15%	1.210%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
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Acq On : 12 Aug 2022 23:12
Operator : CG\JU
Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-081022

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.210	1854	1857	1859	rBV	728142	570979	11.65%	1.160%
78	13.245	1859	1863	1870	rVV4	259339	424907	8.67%	0.863%
79	13.339	1877	1879	1882	rBV	119372	101849	2.08%	0.207%
80	13.374	1882	1885	1892	rVV4	133076	204105	4.16%	0.415%
81	13.627	1925	1928	1930	rBV	105488	126482	2.58%	0.257%
82	13.657	1931	1933	1936	rVB3	113601	112800	2.30%	0.229%
83	13.763	1949	1951	1953	rBV	187725	160159	3.27%	0.325%
84	13.792	1953	1956	1958	rVB	213638	152175	3.10%	0.309%
85	13.815	1958	1960	1961	rBV	143921	107598	2.19%	0.219%
86	14.010	1989	1993	1997	rBV2	1610109	2304135	47.00%	4.682%
87	14.045	1997	1999	2006	rVB	1246007	1035946	21.13%	2.105%
88	14.121	2010	2012	2015	rBV	271131	202236	4.13%	0.411%
89	15.068	2169	2173	2175	rBV	725310	1026300	20.93%	2.085%
90	15.368	2221	2224	2229	rVB	399375	485105	9.89%	0.986%
91	15.433	2232	2235	2239	rVB	650635	755738	15.42%	1.536%
92	15.498	2243	2246	2249	rVB	378018	402525	8.21%	0.818%
93	16.980	2496	2498	2507	rVB	317230	545805	11.13%	1.109%

Sum of corrected areas: 49216469

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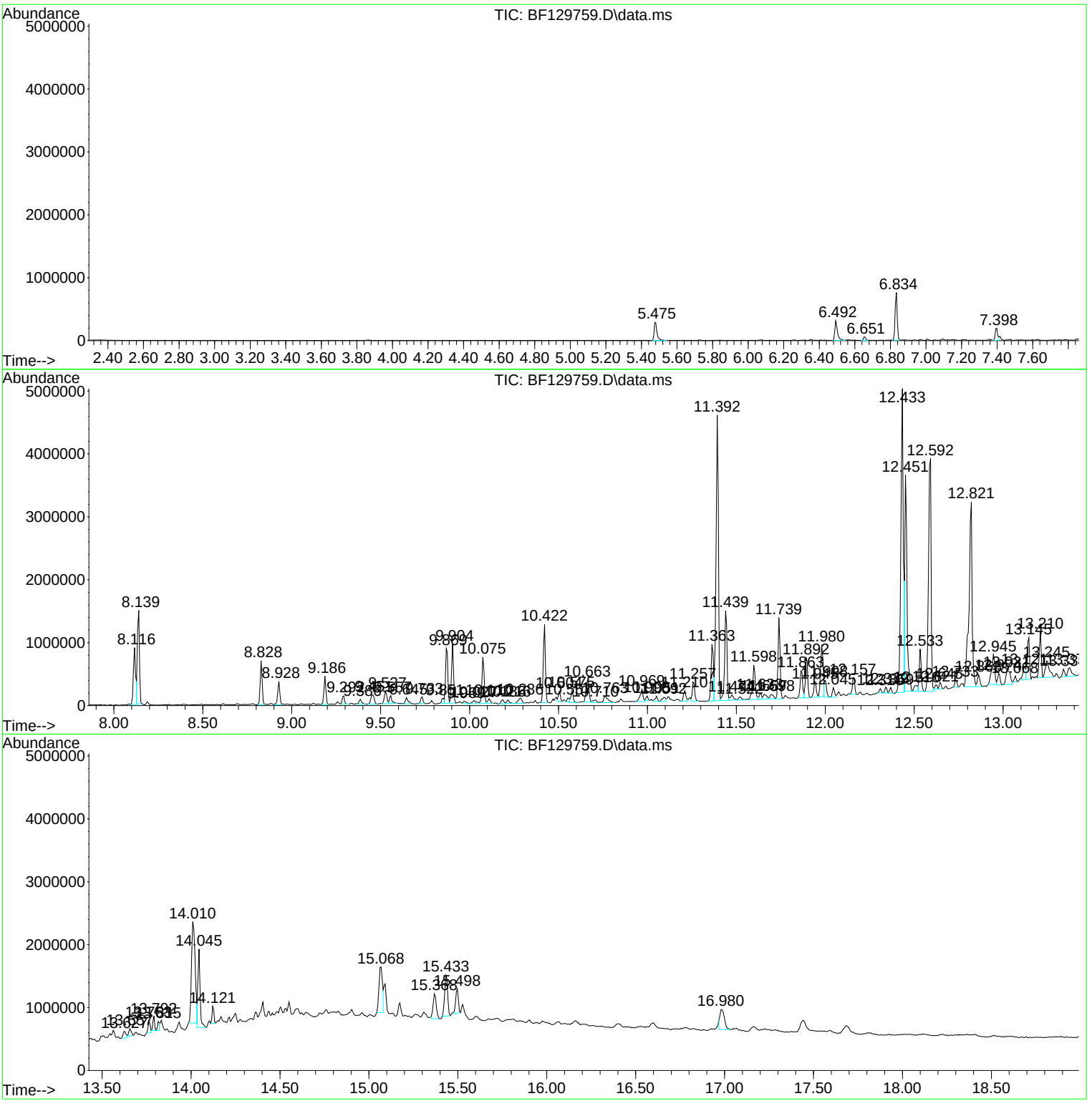
Instrument :
BNA_F
ClientSampleId :
EO-03-081022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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\BF081222\
Data File : BF129759.D
Acq On : 12 Aug 2022 23:12
Operator : CG\JU
Sample : N4152-03 5X
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

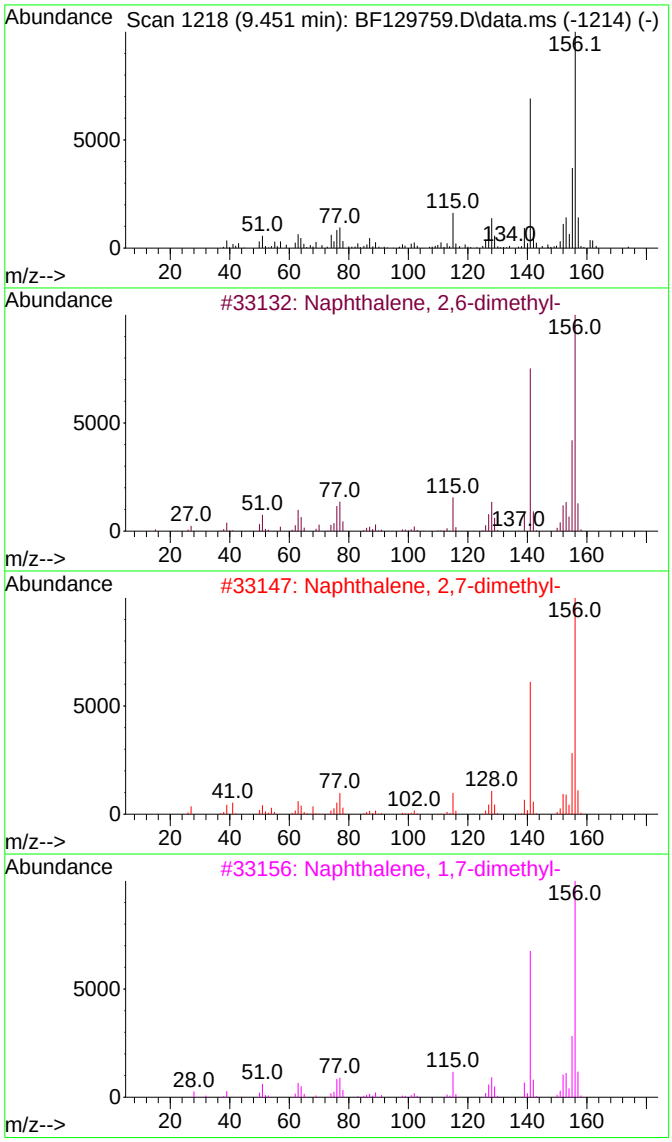
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

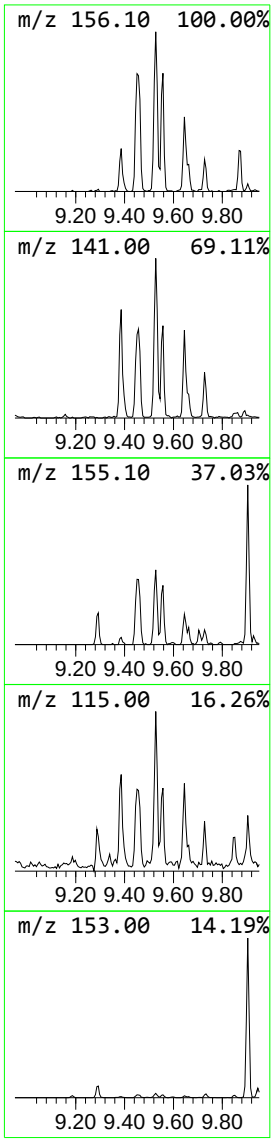
****

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	5.16 ng	199296	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129759.D
Acq On : 12 Aug 2022 23:12
Operator : CG\JU
Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-081022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

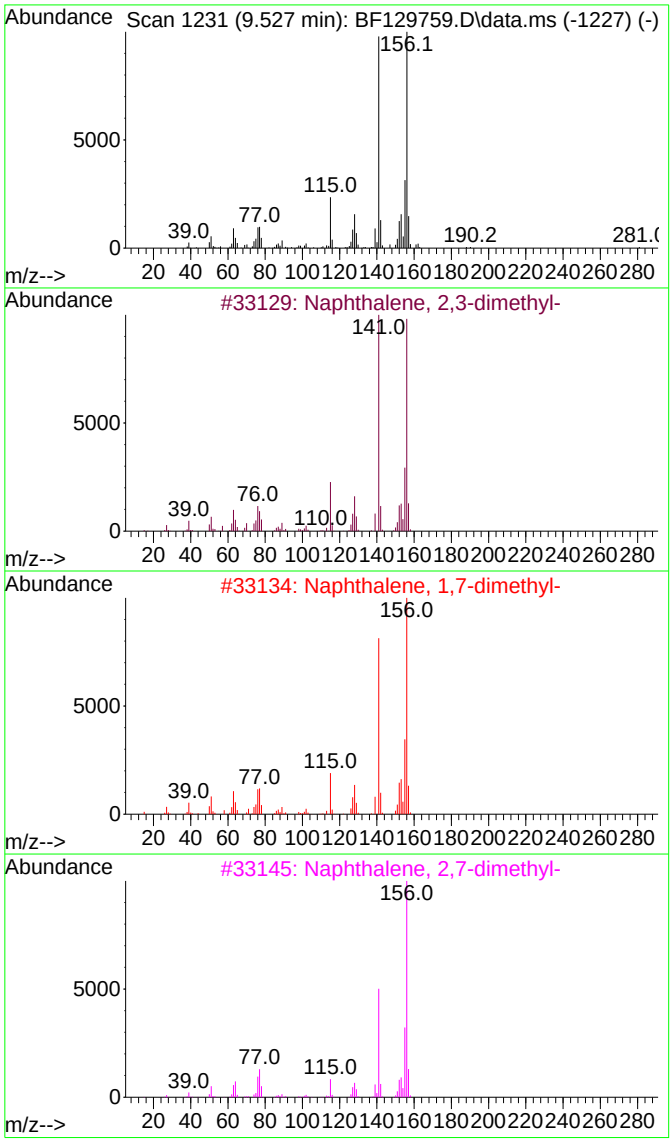
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

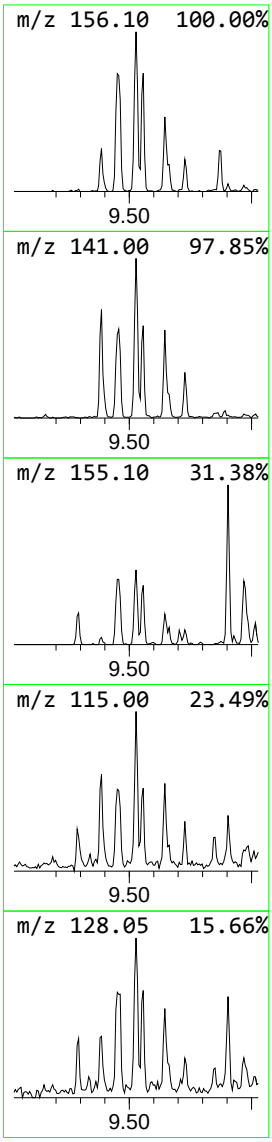
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.527	5.23 ng	202377	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
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Acq On : 12 Aug 2022 23:12
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Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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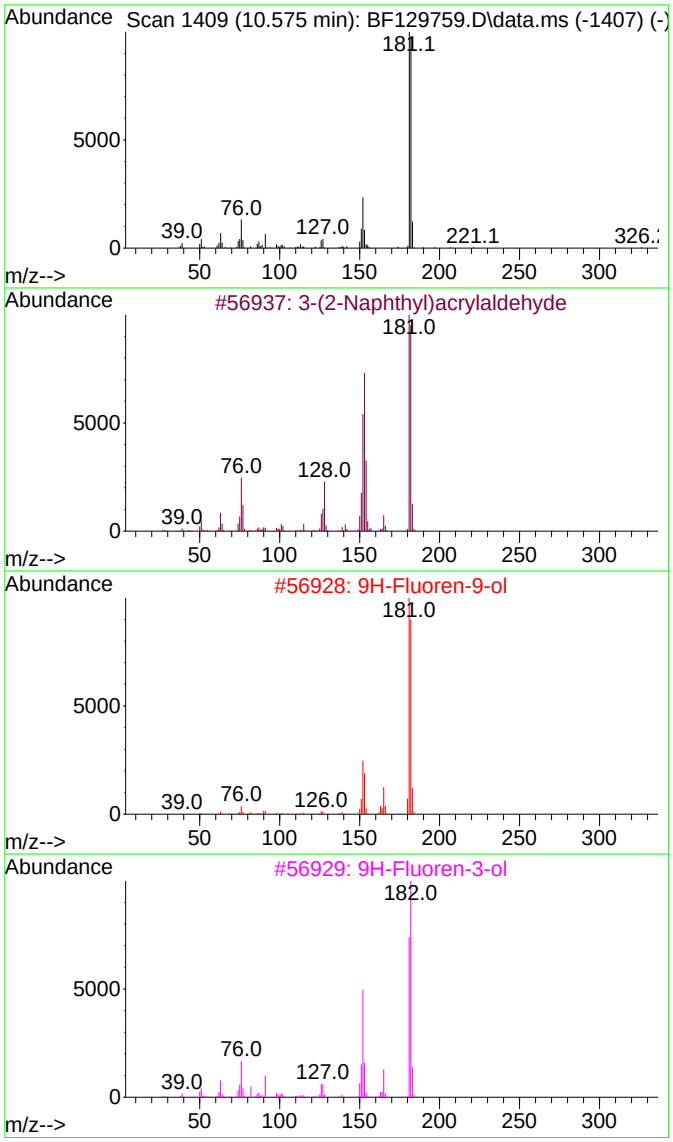
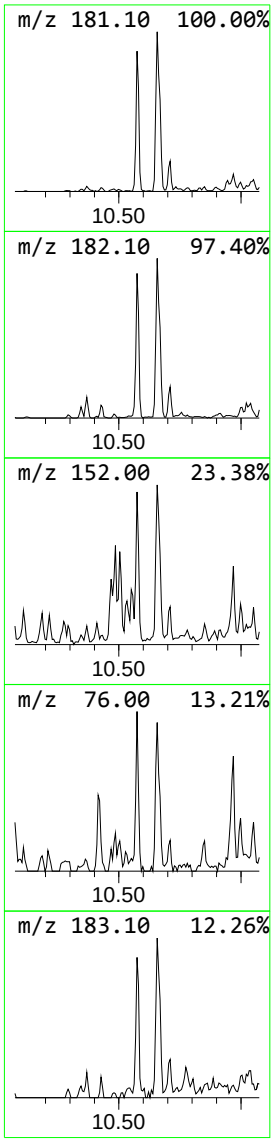
Peak Number 3 3-(2-Naphthyl)acrylaldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	3.98 ng	153978	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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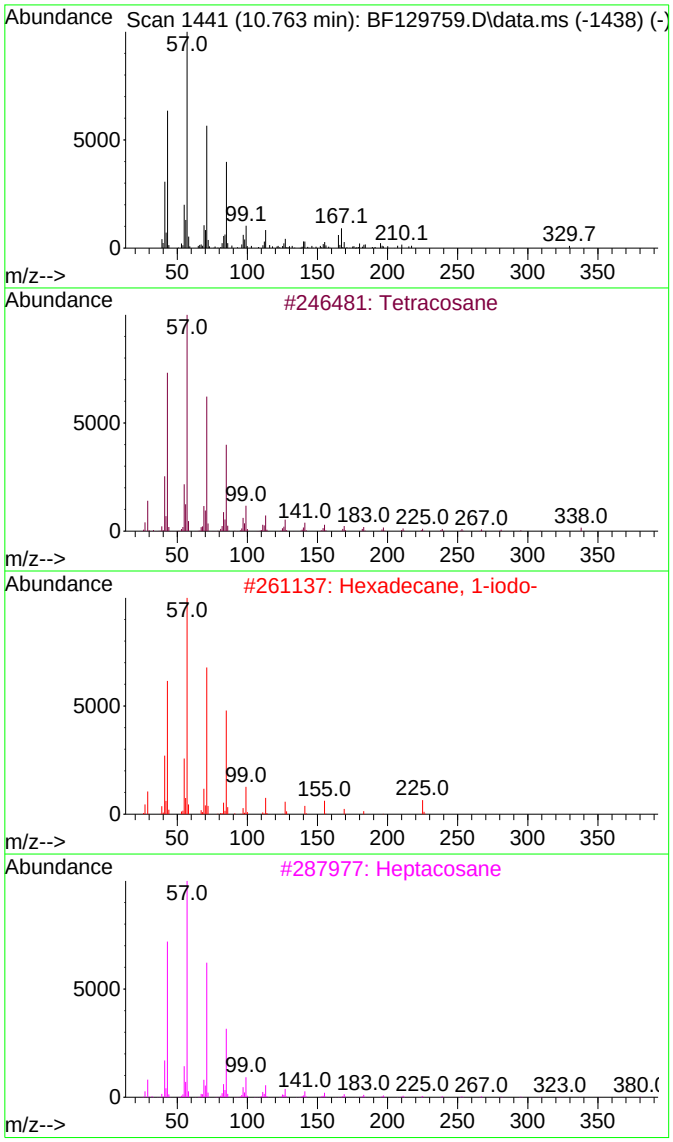
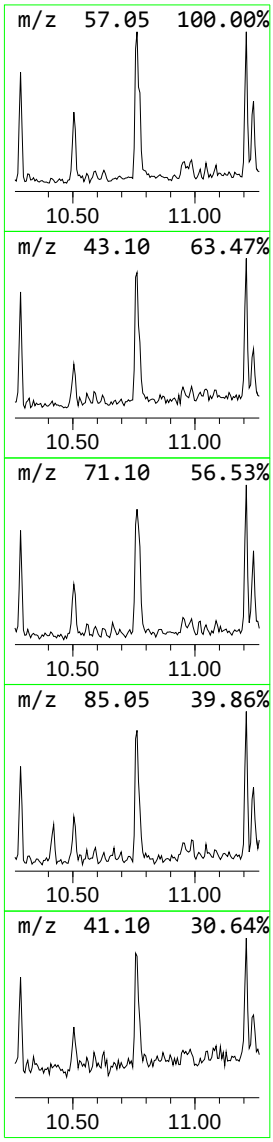
Peak Number 4 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	3.78 ng	169416	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	74
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	74
3	Heptacosane	380	C27H56	000593-49-7	74
4	Eicosane	282	C20H42	000112-95-8	74
5	Nonadecane	268	C19H40	000629-92-5	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129759.D
Acq On : 12 Aug 2022 23:12
Operator : CG\JU
Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-081022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

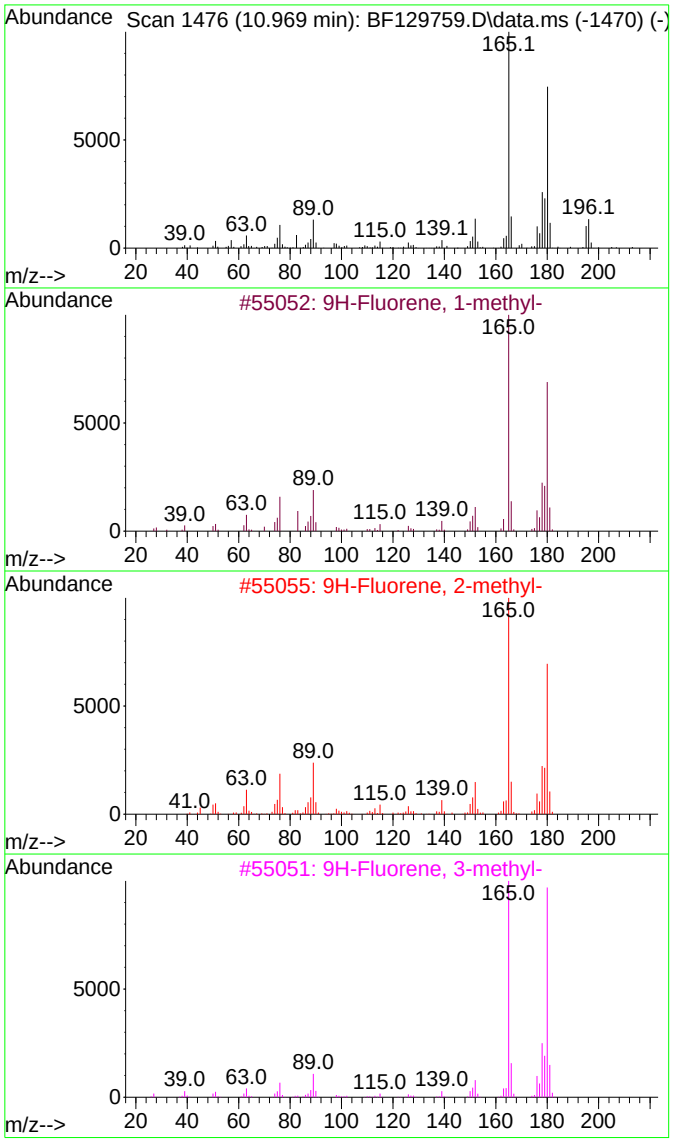
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

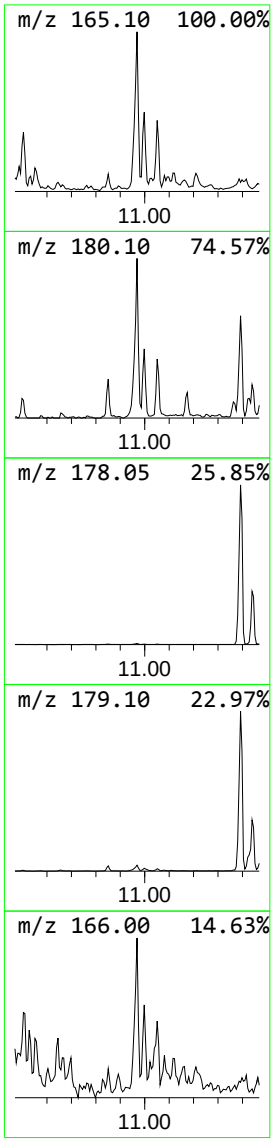
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	5.00 ng	223708	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129759.D
Acq On : 12 Aug 2022 23:12
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Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-081022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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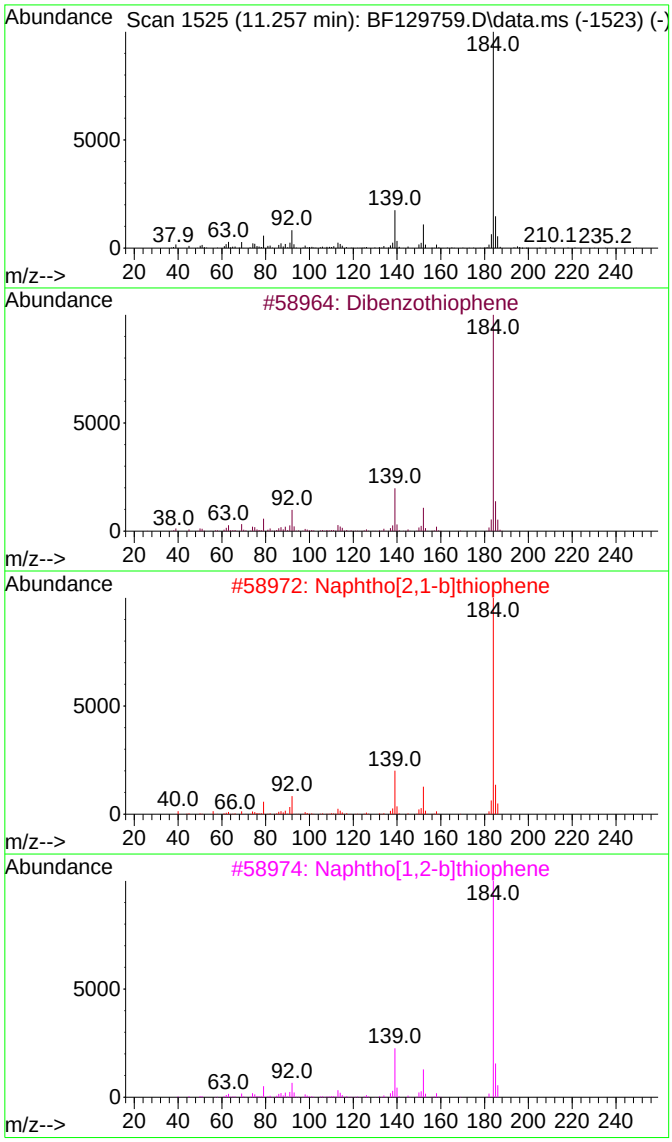
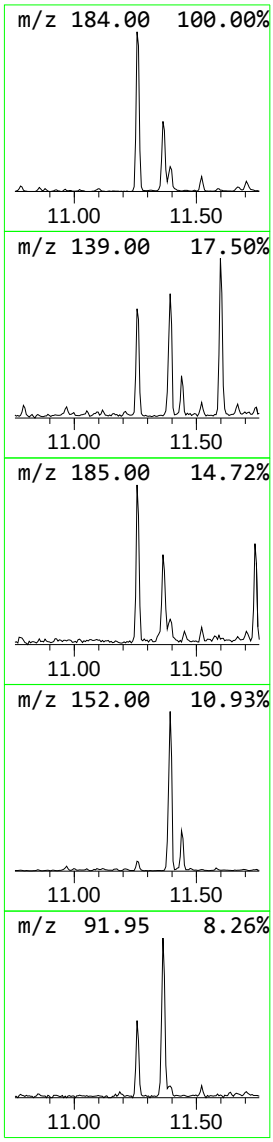
Peak Number 6 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	6.29 ng	281626	Phenanthrene-d10	11.363

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	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Acq On : 12 Aug 2022 23:12
Operator : CG\JU
Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-081022

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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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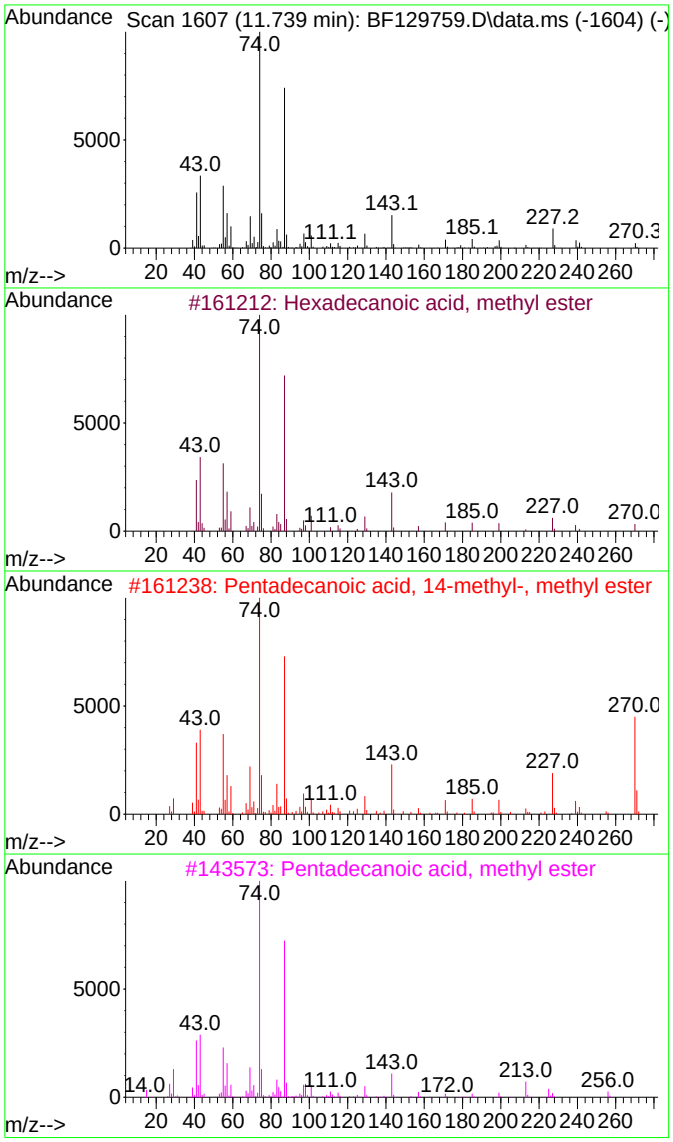
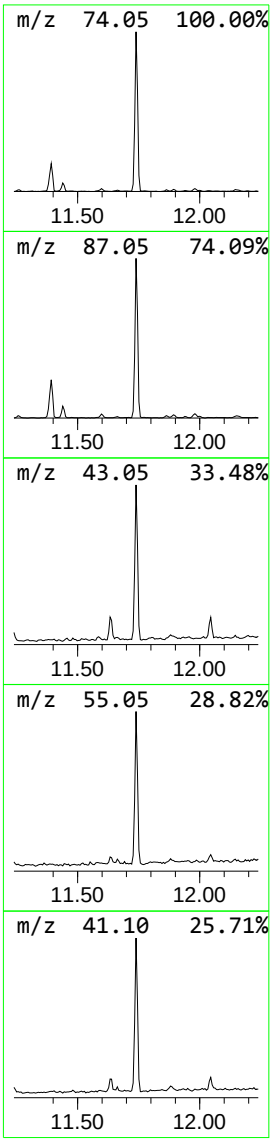
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	22.93 ng	1026550	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-081022

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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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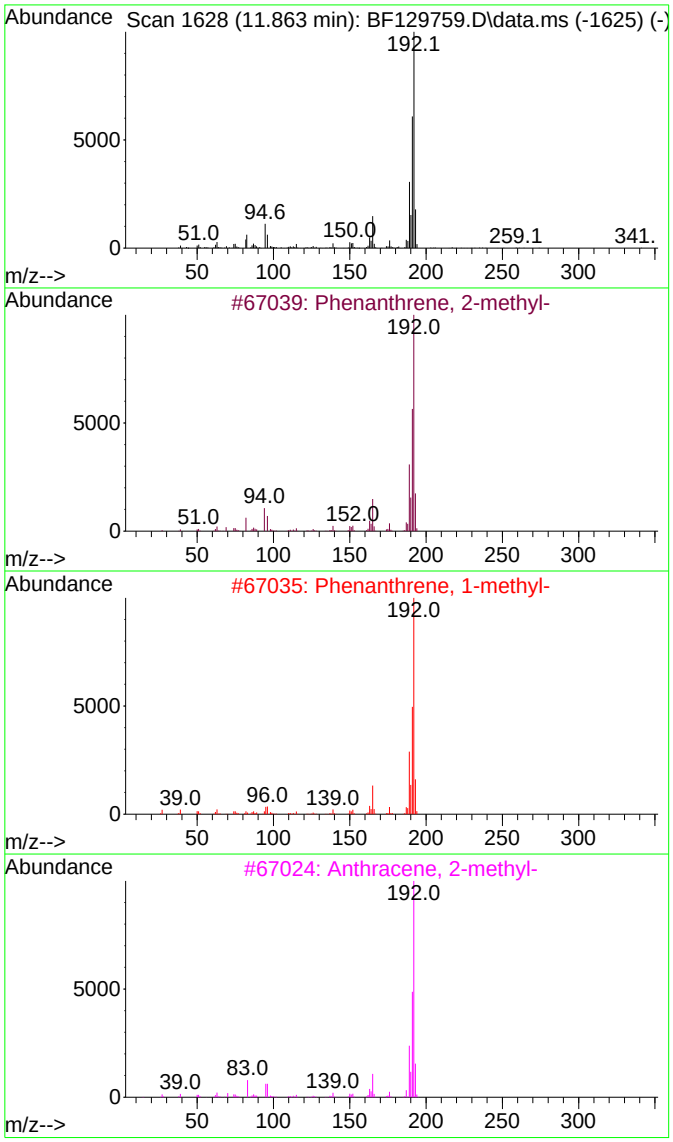
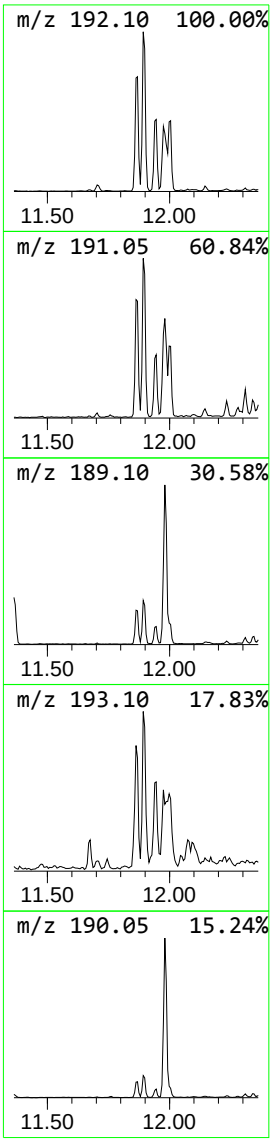
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	9.79 ng	438271	Phenanthrene-d10	11.363

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	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-081022

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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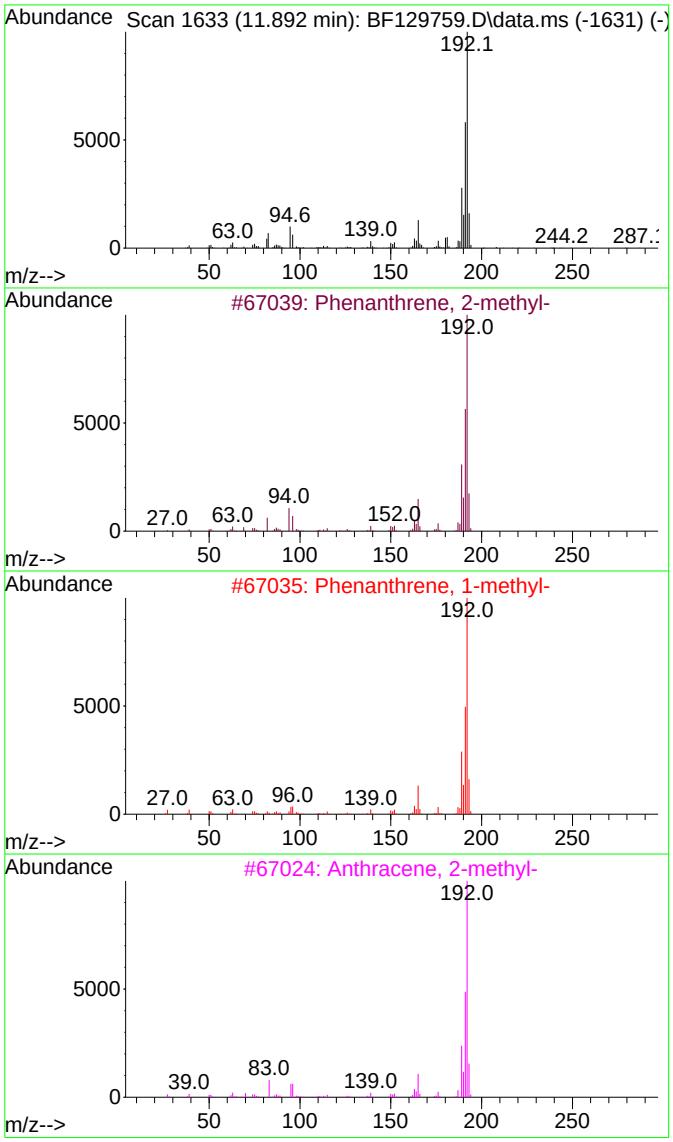
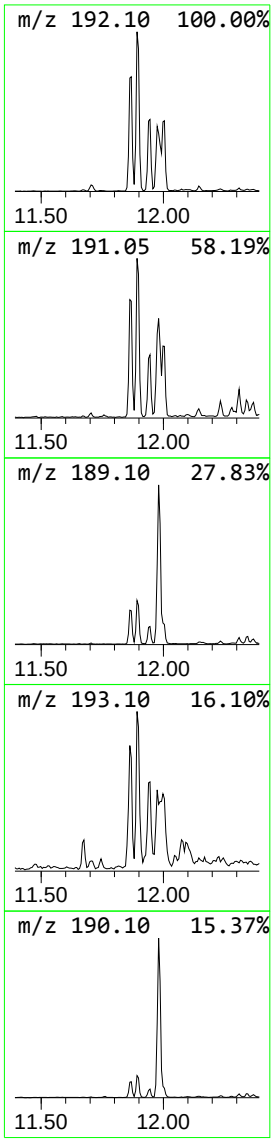
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	12.58 ng	563272	Phenanthrene-d10	11.363

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Misc :
ALS Vial : 22 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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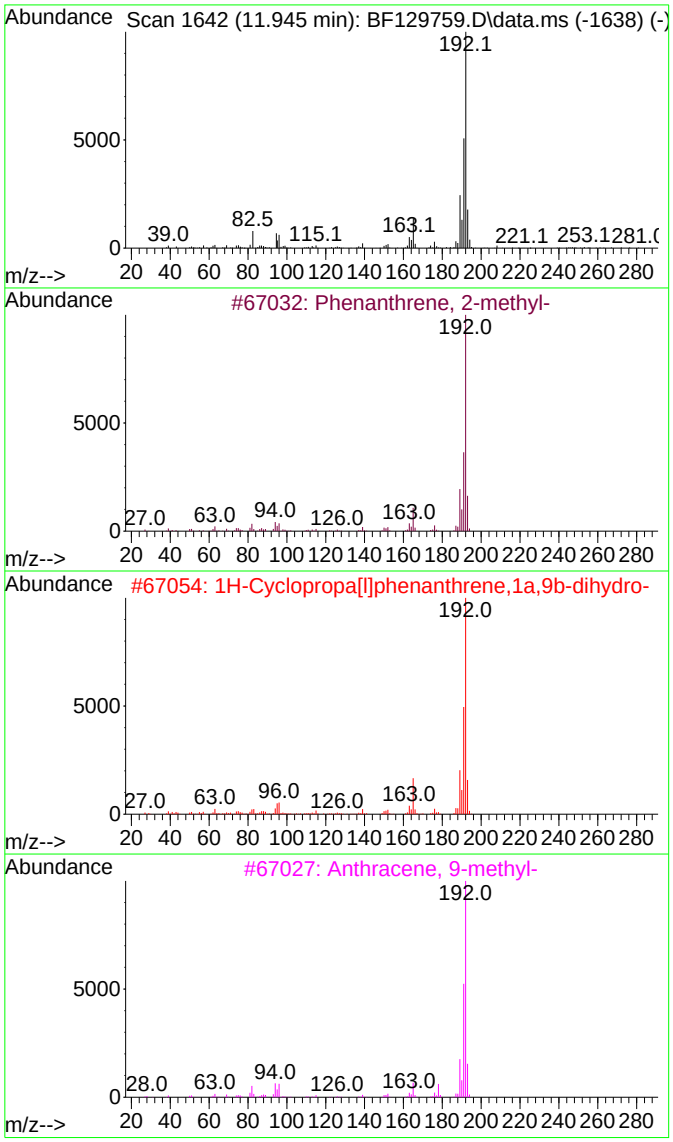
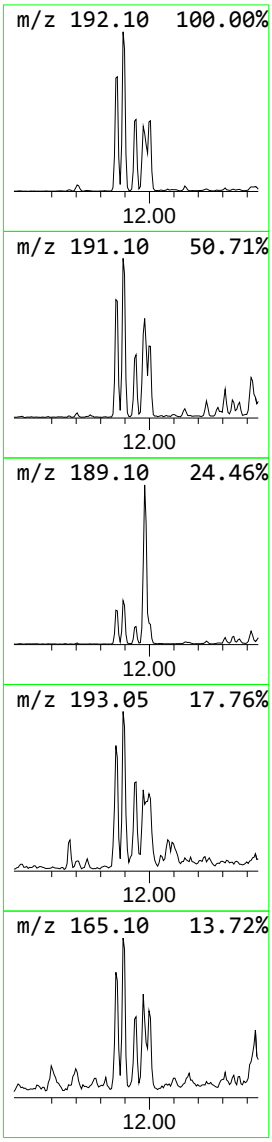
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.73 ng	256396	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
EO-03-081022

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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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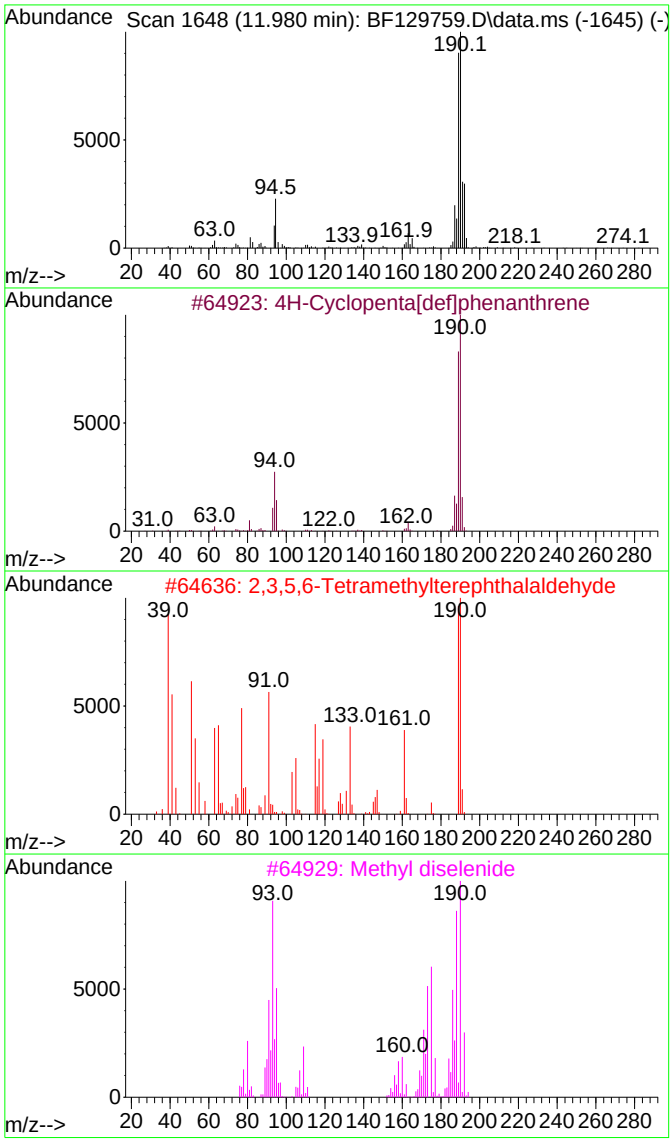
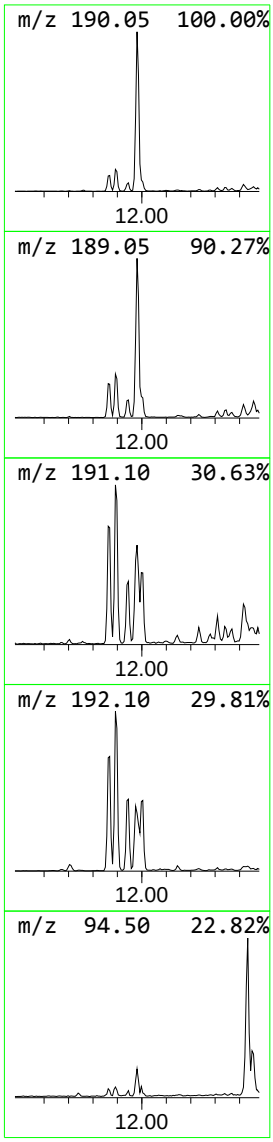
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	17.84 ng	798708	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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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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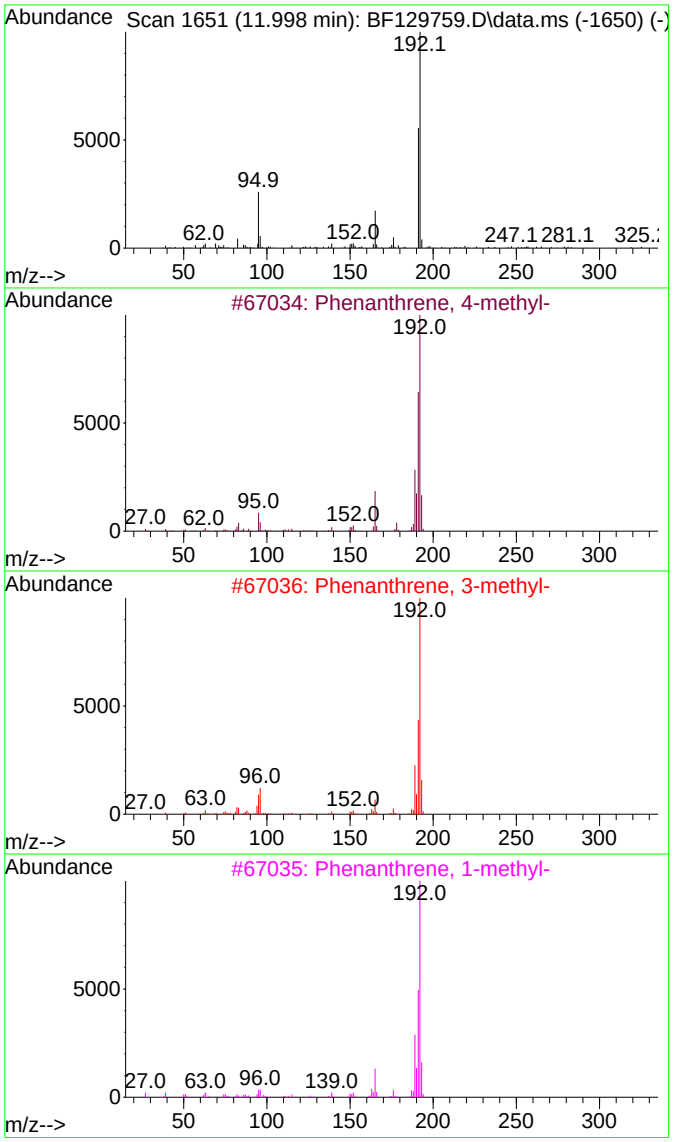
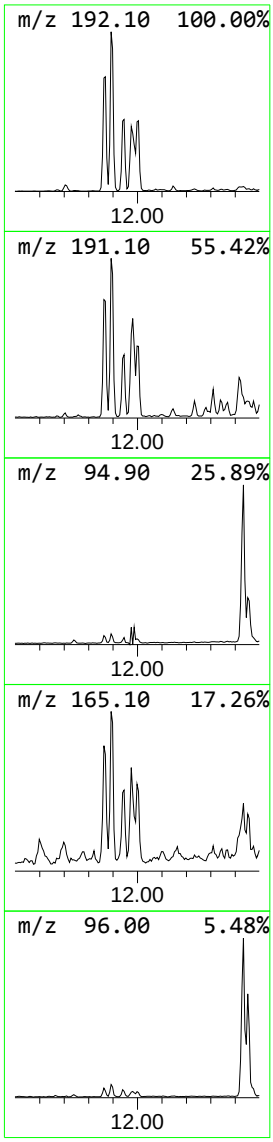
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	4.85 ng	217001	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74





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Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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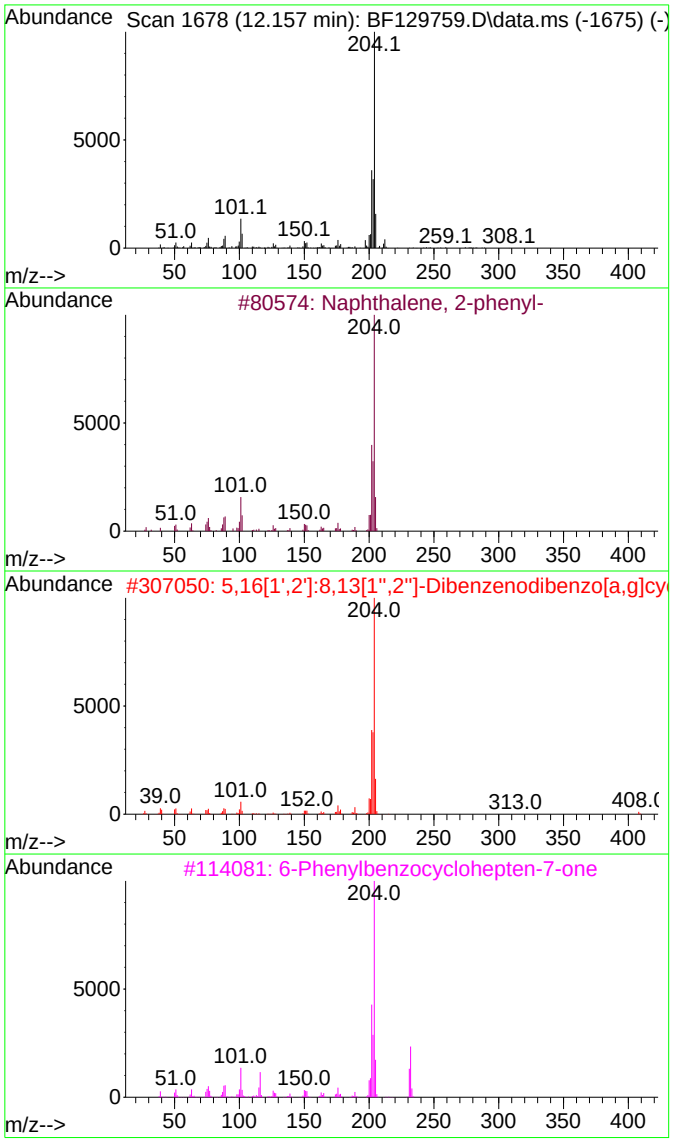
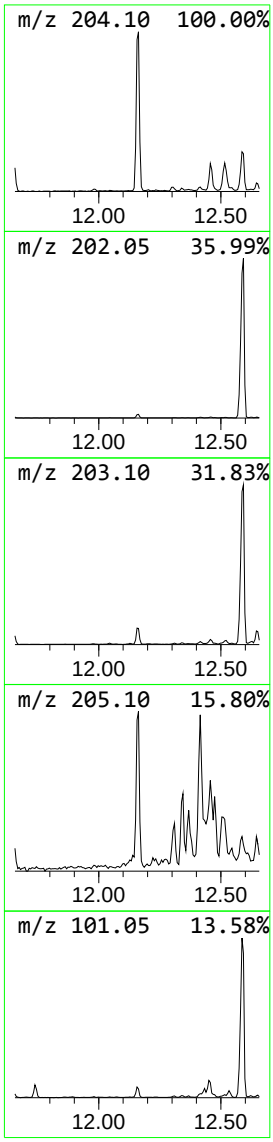
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	5.53 ng	247765	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





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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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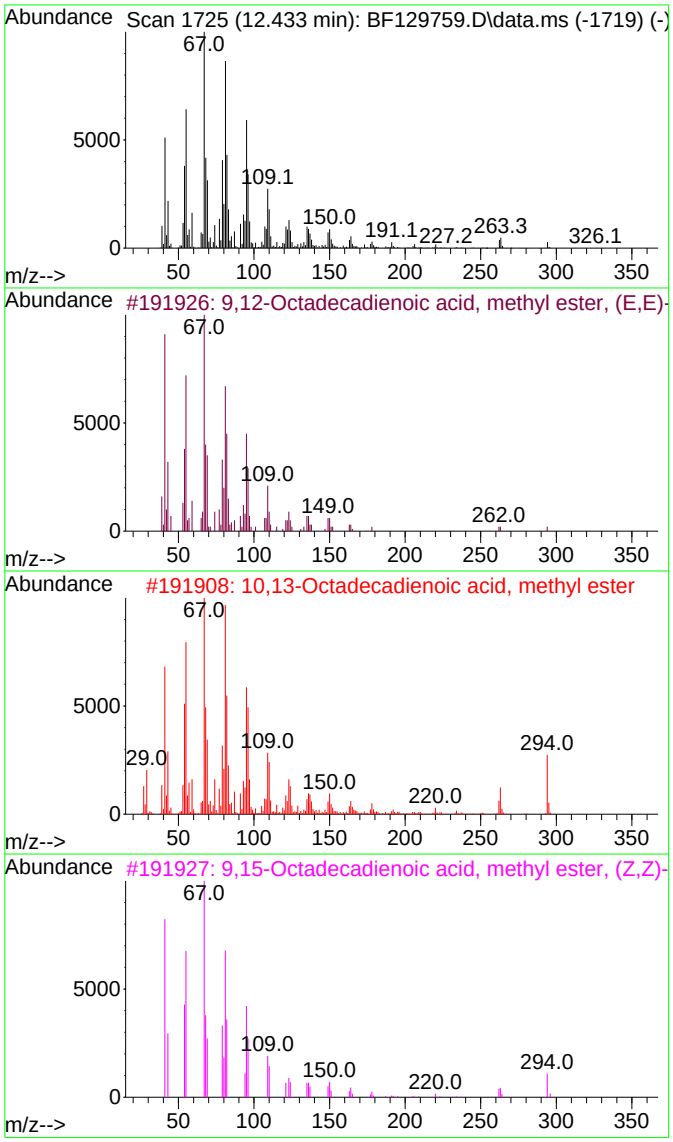
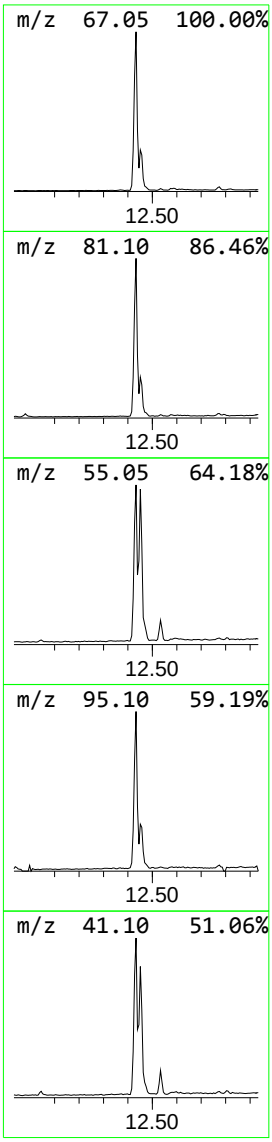
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	109.51 ng	4902570	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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ALS Vial : 22 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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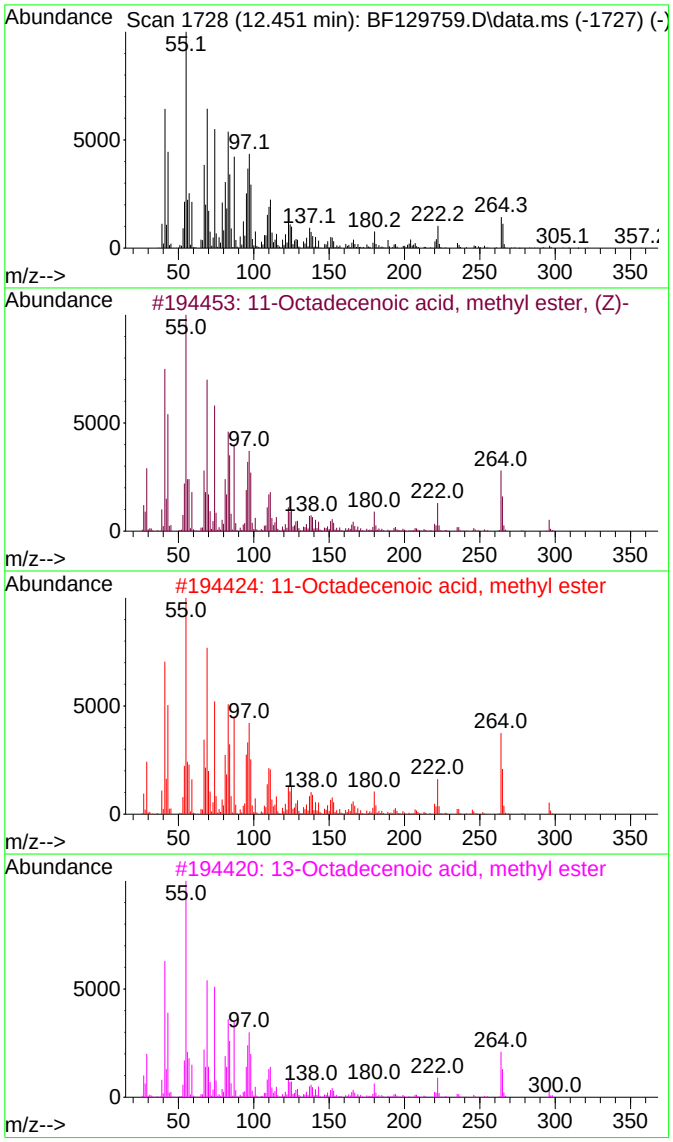
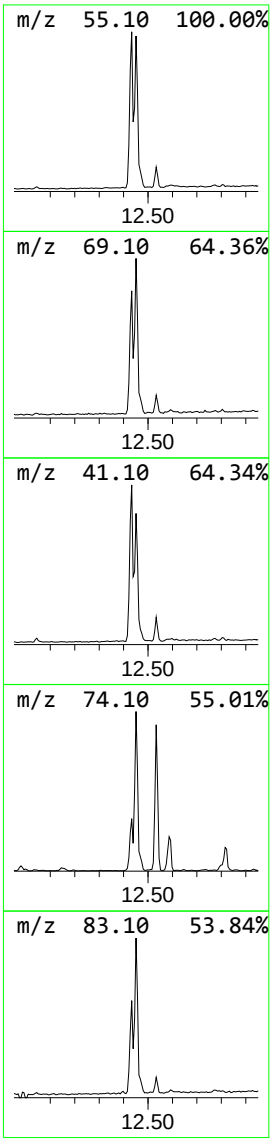
Peak Number 15 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	59.79 ng	2676740	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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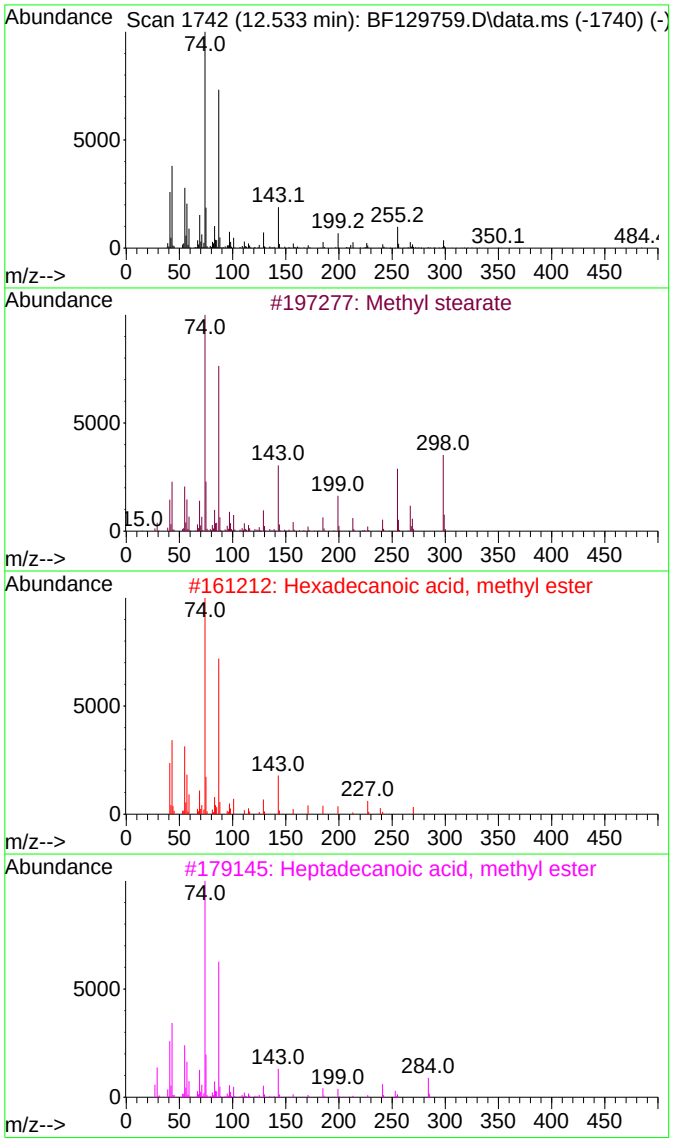
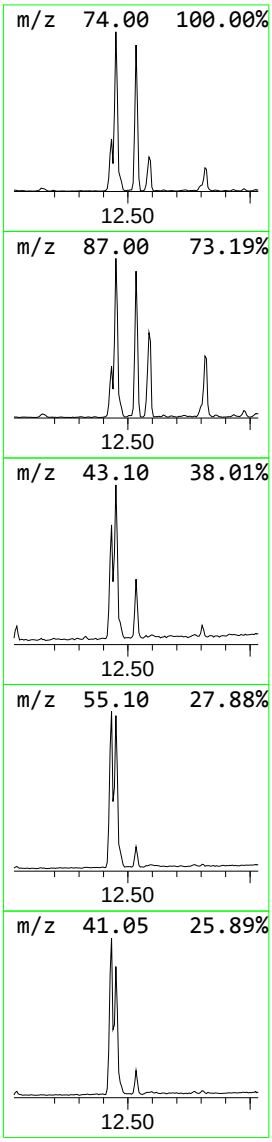
Peak Number 16 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	11.77 ng	527104	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	86





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Misc :
ALS Vial : 22 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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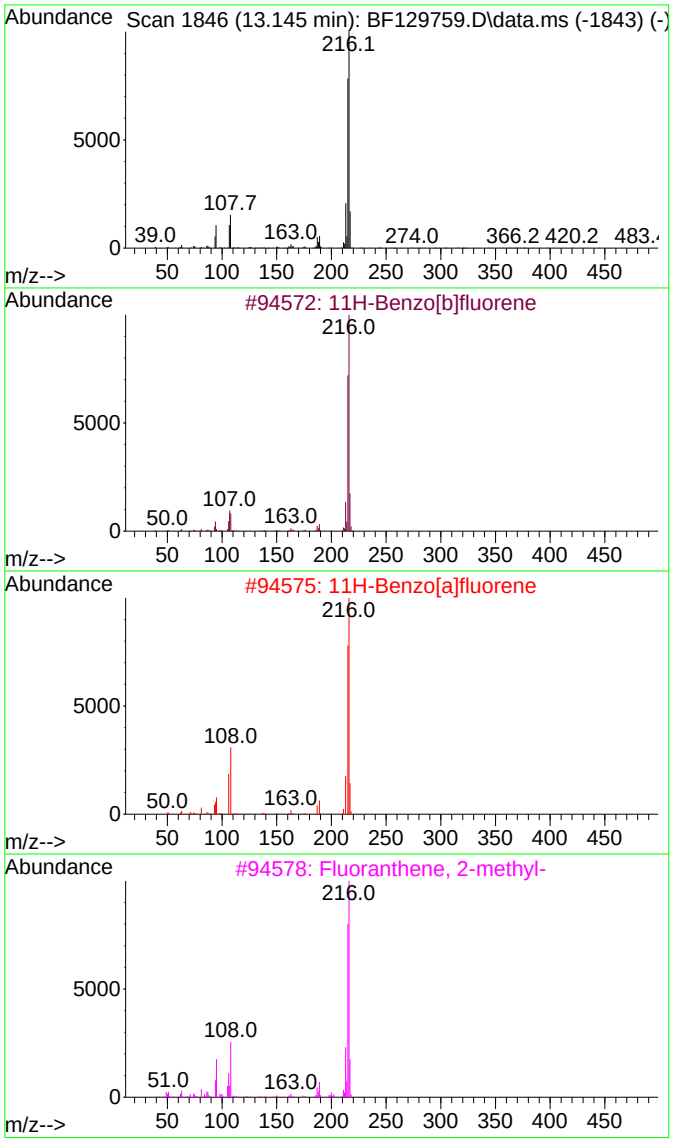
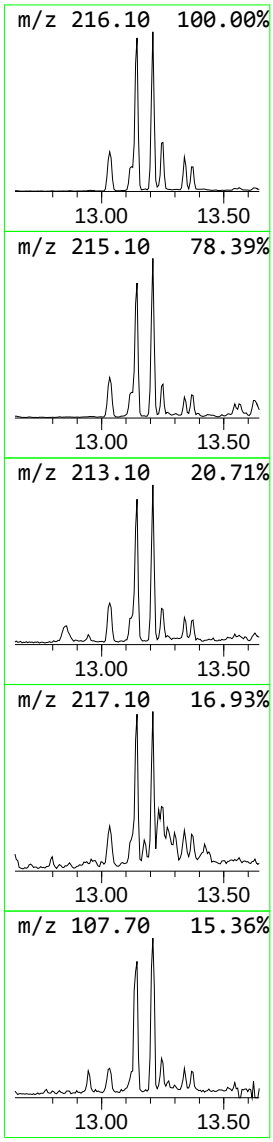
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	5.17 ng	595630	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BF129759.D
Acq On : 12 Aug 2022 23:12
Operator : CG\JU
Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-081022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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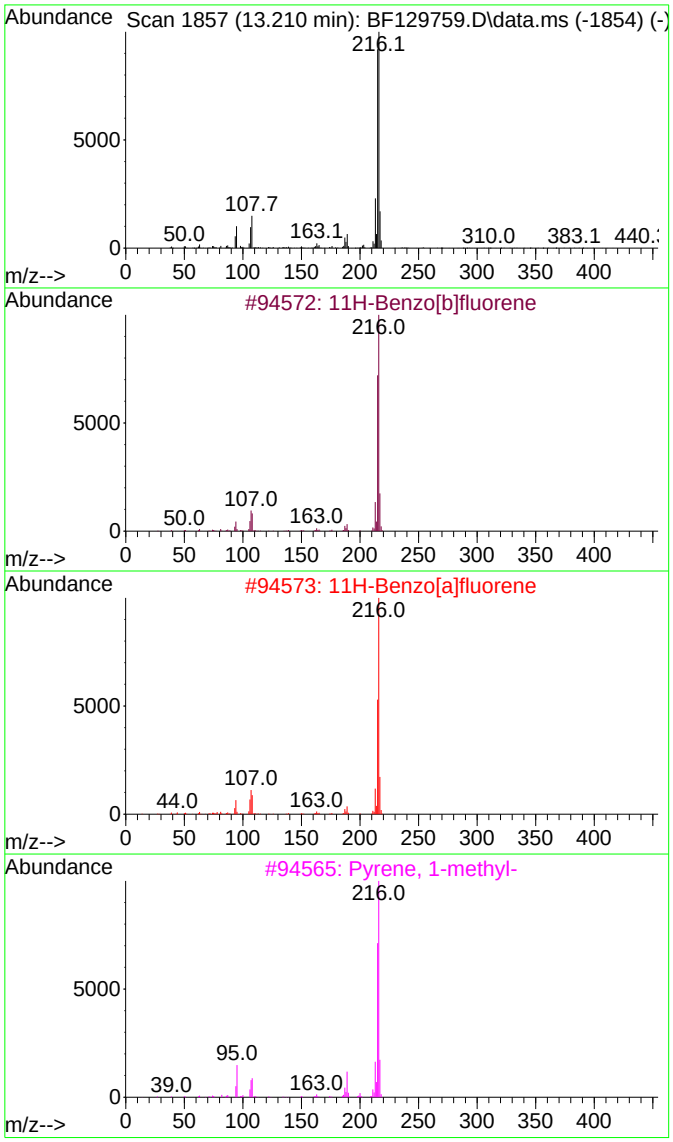
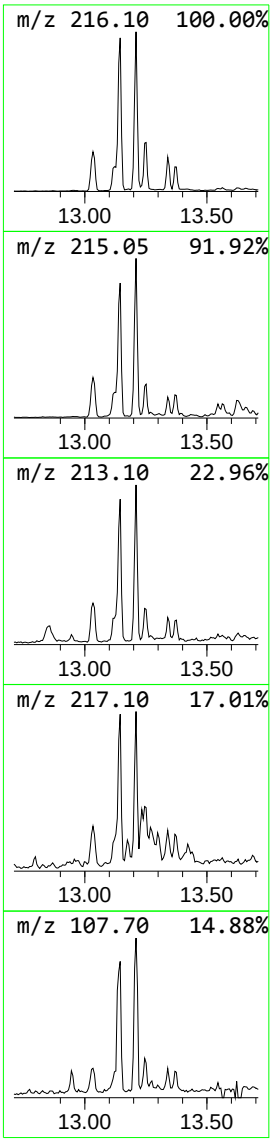
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	4.96 ng	570979	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	53





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Data File : BF129759.D
Acq On : 12 Aug 2022 23:12
Operator : CG\JU
Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-081022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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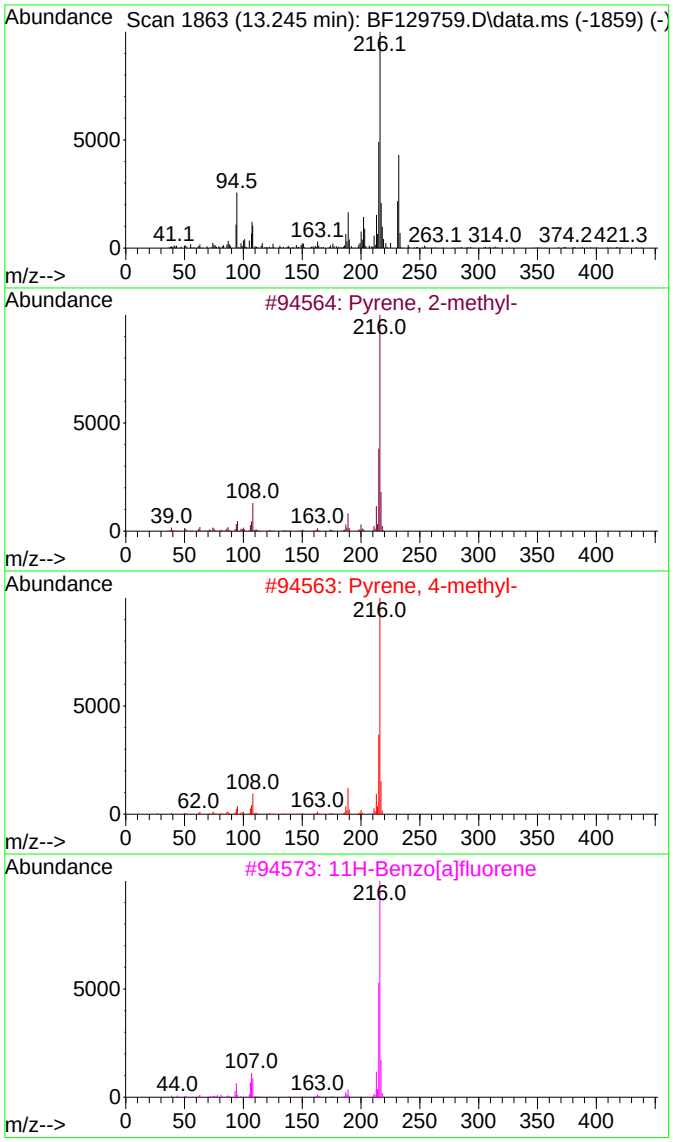
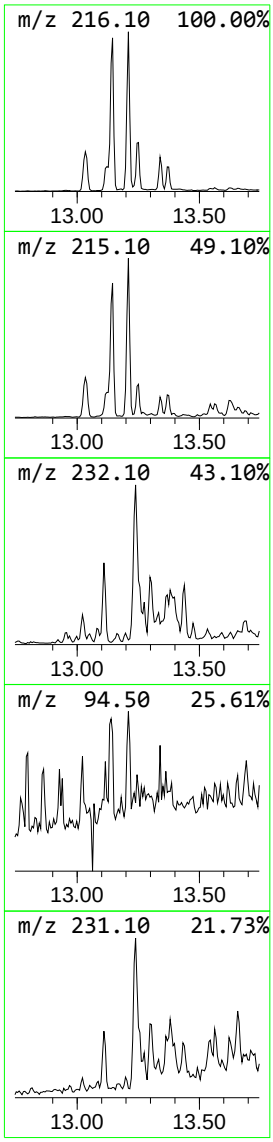
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	3.69 ng	424907	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	52
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	49
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129759.D
Acq On : 12 Aug 2022 23:12
Operator : CG\JU
Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-081022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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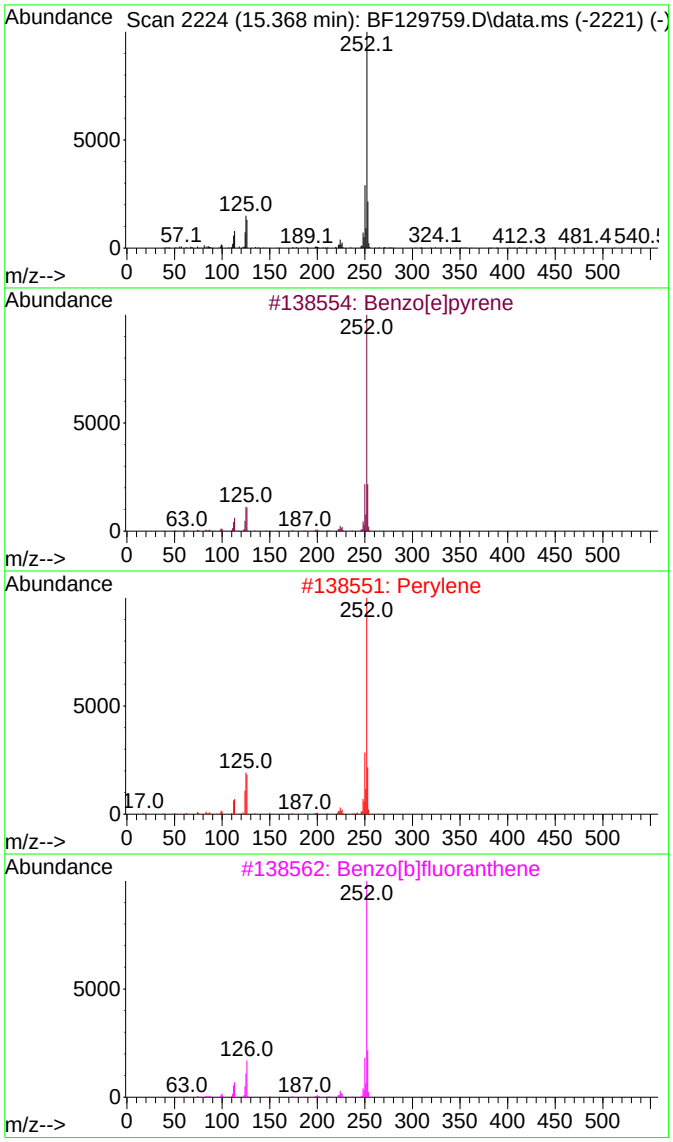
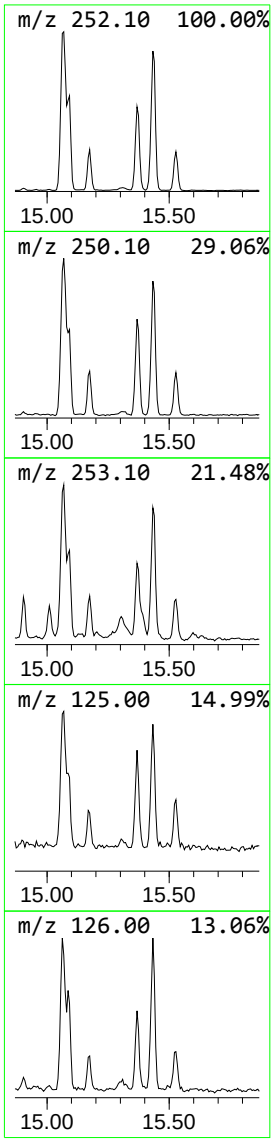
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	24.10 ng	485105	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	99
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129759.D
Acq On : 12 Aug 2022 23:12
Operator : CG\JU
Sample : N4152-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-081022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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,...	9.451	5.2	ng	199296	3	9.869	773180	20.0
Naphthalene, 2,...	9.527	5.2	ng	202377	3	9.869	773180	20.0
3-(2-Naphthyl)a...	10.575	4.0	ng	153978	3	9.869	773180	20.0
Tetracosane	10.763	3.8	ng	169416	4	11.363	895394	20.0
9H-Fluorene, 1-...	10.969	5.0	ng	223708	4	11.363	895394	20.0
Dibenzothiophene	11.257	6.3	ng	281626	4	11.363	895394	20.0
Hexadecanoic ac...	11.739	22.9	ng	1026550	4	11.363	895394	20.0
Phenanthrene, 2...	11.863	9.8	ng	438271	4	11.363	895394	20.0
Phenanthrene, 1...	11.892	12.6	ng	563272	4	11.363	895394	20.0
1H-Cyclopropa[l...	11.945	5.7	ng	256396	4	11.363	895394	20.0
4H-Cyclopenta[d...	11.980	17.8	ng	798708	4	11.363	895394	20.0
Phenanthrene, 4...	11.998	4.8	ng	217001	4	11.363	895394	20.0
Naphthalene, 2-...	12.157	5.5	ng	247765	4	11.363	895394	20.0
9,12-Octadecadi...	12.433	109.5	ng	4902570	4	11.363	895394	20.0
11-Octadecenoic...	12.451	59.8	ng	2676740	4	11.363	895394	20.0
Methyl stearate	12.533	11.8	ng	527104	4	11.363	895394	20.0
11H-Benzo[b]flu...	13.145	5.2	ng	595630	5	14.021	2304140	20.0
11H-Benzo[a]flu...	13.210	5.0	ng	570979	5	14.021	2304140	20.0
Pyrene, 2-methyl-	13.245	3.7	ng	424907	5	14.021	2304140	20.0
Benzo[e]pyrene	15.368	24.1	ng	485105	6	15.498	402525	20.0