LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136780.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.516	409	413	417	rVB	31710	33653	2.38%	0.165%
2	5.016	494	498	506	rVB	31076	37711	2.66%	0.185%
3	5.422	563	567	583	rBV	1307151	1221999	86.33%	5.994%
4	6.428	734	738	741	rBV	1319908	1176576	83.12%	5.771%
5	6.781	795	798	802	rBV	489745	376850	26.62%	1.849%
6	7.345	889	894	897	rBV	923864	778996	55.03%	3.821%
7	8.057	1012	1015	1018	rBV	589182	461073	32.57%	2.262%
8	8.081	1018	1019	1022	rVB	38252	18839	1.33%	0.092%
9	8.769	1134	1136	1139	rBV	20093	16743	1.18%	0.082%
10	8.869	1150	1153	1157	rVB	25322	19784	1.40%	0.097%
11	9.133	1194	1198	1202	rBV	1607173	1415566	100.00%	6.944%
12	9.216	1207	1212	1214	rBV3	22486	26351	1.86%	0.129%
13	9.475	1253	1256	1258	rBV	21105	20240	1.43%	0.099%
14	9.675	1287	1290	1293	rBV2	18072	18168	1.28%	0.089%
15	9.816	1307	1314	1317	rBV	543920	457304	32.31%	2.243%
16	9.845	1317	1319	1324	rVV	172870	137540	9.72%	0.675%
17	9.916	1328	1331	1335	rVB4	13536	19928	1.41%	0.098%
18	10.022	1345	1349	1353	rBV	79952	76171	5.38%	0.374%
19	10.363	1404	1407	1413	rBV	159288	136013	9.61%	0.667%
20	10.451	1420	1422	1424	rBV	17403	15731	1.11%	0.077%
21	10.522	1432	1434	1438	rVB	39075	32692	2.31%	0.160%
22	10.610	1445	1449	1459	rVB	717651	685520	48.43%	3.363%
23	10.733	1465	1470	1478	rVB	53226	71088	5.02%	0.349%
24	10.916	1495	1501	1503	rBV2	31167	36978	2.61%	0.181%
25	11.116	1531	1535	1538	rVB	42603	40940	2.89%	0.201%
26	11.151	1538	1541	1543	rVV3	15594	17682	1.25%	0.087%
27	11.204	1547	1550	1557	rVB	87149	79773	5.64%	0.391%
28	11.310	1564	1568	1569	rBV	439601	383305	27.08%	1.880%
29	11.333	1569	1572	1575	rVV	1265641	1007920	71.20%	4.944%
30	11.386	1575	1581	1584	rVV	276873	276324	19.52%	1.355%
31	11.416	1584	1586	1592	rVB2	23974	27508	1.94%	0.135%
32	11.539	1601	1607	1613	rBV2	129619	154345	10.90%	0.757%
33	11.604	1615	1618	1622	rVV3	34183	34493	2.44%	0.169%
34	11.645	1622	1625	1629	rVB4	17180	22896	1.62%	0.112%
35	11.810	1649	1653	1656	rBV	104253	94311	6.66%	0.463%
36	11.839	1656	1658	1663	rVV	266746	241591	17.07%	1.185%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.886	1663	1666	1669	rVV	57836	57986	4.10%	0.284%
38	11.921	1669	1672	1675	rVV	191171	197816	13.97%	0.970%
39	11.945	1675	1676	1681	rVB	71549	45223	3.19%	0.222%
40	11.992	1681	1684	1686	rBV2	16911	17459	1.23%	0.086%
41	12.021	1686	1689	1691	rBV2	18206	16484	1.16%	0.081%
42	12.110	1700	1704	1706	rBV	77580	64575	4.56%	0.317%
43	12.133	1706	1708	1712	rVB	64258	59308	4.19%	0.291%
44	12.257	1726	1729	1732	rVB3	23062	20604	1.46%	0.101%
45	12.292	1732	1735	1737	rBV	20184	17728	1.25%	0.087%
46	12.363	1744	1747	1749	rBV	38143	40809	2.88%	0.200%
47	12.404	1751	1754	1759	rVB5	35614	51757	3.66%	0.254%
48	12.451	1759	1762	1767	rVB	51333	51445	3.63%	0.252%
49	12.533	1771	1776	1779	rBV	1461013	1285204	90.79%	6.304%
50	12.568	1779	1782	1784	rBV4	21084	18845	1.33%	0.092%
51	12.592	1784	1786	1789	rVB	29581	24236	1.71%	0.119%
52	12.633	1789	1793	1795	rBV3	31733	41234	2.91%	0.202%
53	12.674	1797	1800	1803	rVB2	38883	44094	3.11%	0.216%
54	12.763	1808	1815	1818	rVV	1145428	1280867	90.48%	6.283%
55	12.804	1820	1822	1826	rVB2	51462	52182	3.69%	0.256%
56	12.880	1831	1835	1836	rBV	67390	77209	5.45%	0.379%
57	12.904	1836	1839	1845	rVB	1393941	1234089	87.18%	6.054%
58	12.980	1846	1852	1855	rBV2	59938	108268	7.65%	0.531%
59	13.010	1855	1857	1860	rVB	37032	28704	2.03%	0.141%
60	13.063	1863	1866	1867	rBV3	60518	55642	3.93%	0.273%
61	13.086	1867	1870	1874	rVB2	166555	164808	11.64%	0.808%
62	13.157	1874	1882	1884	rBV	128918	148246	10.47%	0.727%
63	13.192	1884	1888	1890	rBV2	92912	103546	7.31%	0.508%
64	13.215	1890	1892	1895	rVB	34402	33486	2.37%	0.164%
65	13.251	1895	1898	1900	rVB2	19725	17609	1.24%	0.086%
66	13.286	1901	1904	1906	rBV	40012	36525	2.58%	0.179%
67	13.315	1906	1909	1913	rBV2	48760	50601	3.57%	0.248%
68	13.392	1919	1922	1927	rVB5	41097	53451	3.78%	0.262%
69	13.480	1933	1937	1938	rBV4	27022	33051	2.33%	0.162%
70	13.574	1950	1953	1954	rBV3	24269	24451	1.73%	0.120%
71	13.598	1954	1957	1961	rVB	72470	76667	5.42%	0.376%
72	13.710	1972	1976	1978	rBV2	108433	106596	7.53%	0.523%
73	13.739	1978	1981	1983	rVV	86084	70010	4.95%	0.343%
74	13.762	1983	1985	1986	rVV	71805	52875	3.74%	0.259%
75	13.810	1990	1993	1996	rVB	106163	91432	6.46%	0.448%
76	13.857	1996	2001	2004	rBV5	54548	123465	8.72%	0.606%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.957	2011	2018	2022	rBV2	757589	1190973	84.13%	5.842%
78	13.992	2022	2024	2027	rVB	577772	429633	30.35%	2.107%
79	14.068	2034	2037	2040	rVB	123937	96190	6.80%	0.472%
80	14.110	2042	2044	2046	rVV2	25022	25218	1.78%	0.124%
81	14.157	2050	2052	2054	rVV	45413	44094	3.11%	0.216%
82	14.198	2057	2059	2061	rVB	58165	47811	3.38%	0.235%
83	14.227	2061	2064	2066	rVB4	21646	19896	1.41%	0.098%
84	14.315	2077	2079	2081	rBV	22476	16541	1.17%	0.081%
85	14.351	2082	2085	2088	rVB2	83704	80620	5.70%	0.395%
86	14.386	2088	2091	2095	rVB2	42239	40437	2.86%	0.198%
87	14.445	2098	2101	2104	rVV2	50550	57236	4.04%	0.281%
88	14.474	2104	2106	2108	rVV	48883	46449	3.28%	0.228%
89	14.498	2108	2110	2113	rVB2	62034	55069	3.89%	0.270%
90	14.662	2136	2138	2141	rBV2	37405	37472	2.65%	0.184%
91	14.727	2147	2149	2151	rBV2	32274	35851	2.53%	0.176%
92	15.015	2193	2198	2201	rBV	427982	680073	48.04%	3.336%
93	15.092	2208	2211	2213	rVV2	37775	40878	2.89%	0.201%
94	15.121	2213	2216	2220	rVB	76836	78635	5.56%	0.386%
95	15.321	2246	2250	2256	rVB	209444	272416	19.24%	1.336%
96	15.380	2256	2260	2266	rVB	332765	427882	30.23%	2.099%
97	15.445	2267	2271	2274	rVV	255360	308605	21.80%	1.514%
98	15.474	2274	2276	2284	rVB	107801	146042	10.32%	0.716%
99	16.945	2521	2526	2536	rVB2	124587	267933	18.93%	1.314%
100	17.403	2599	2604	2614	rVB	91720	189191	13.37%	0.928%

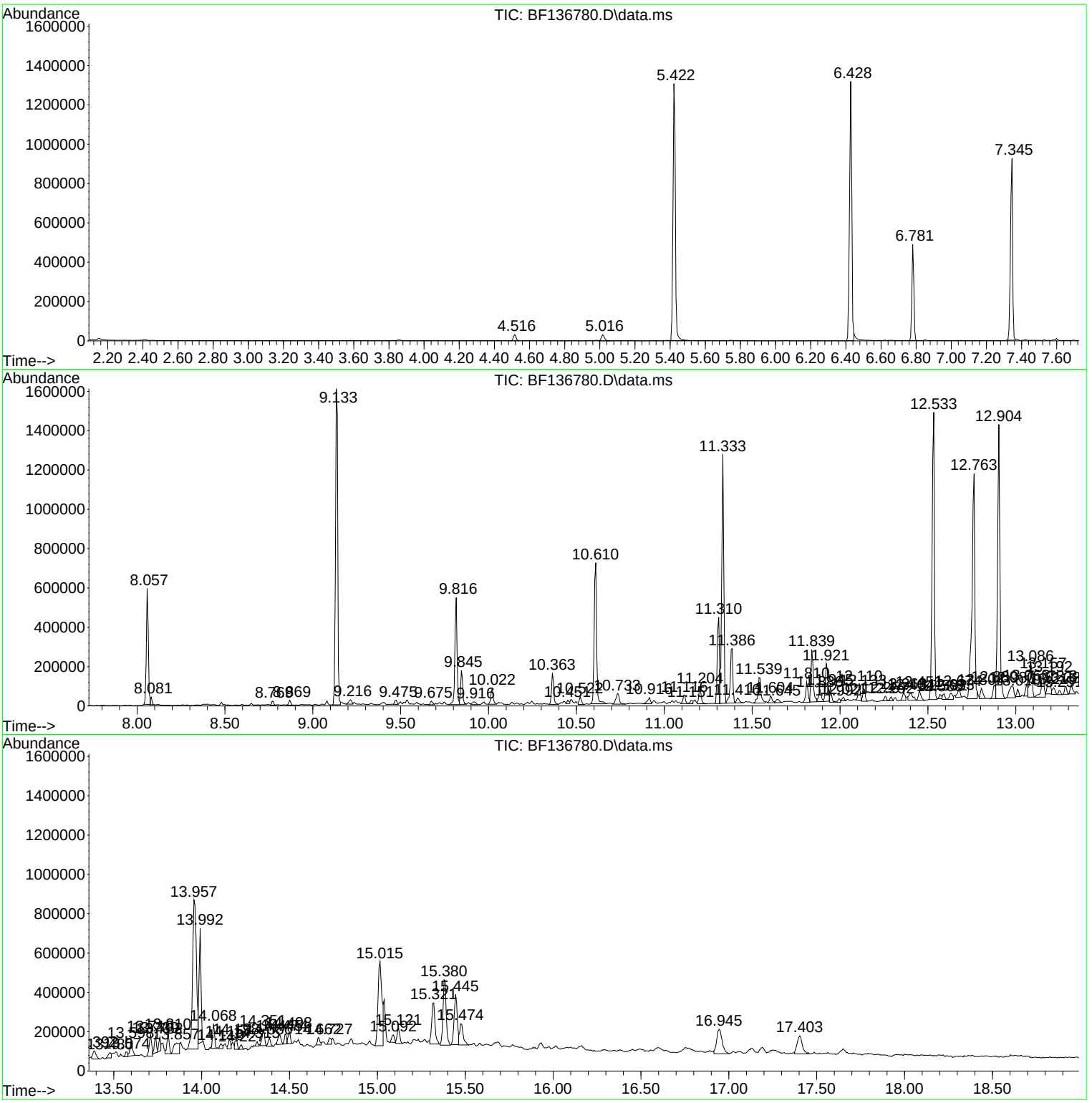
Sum of corrected areas: 20386334

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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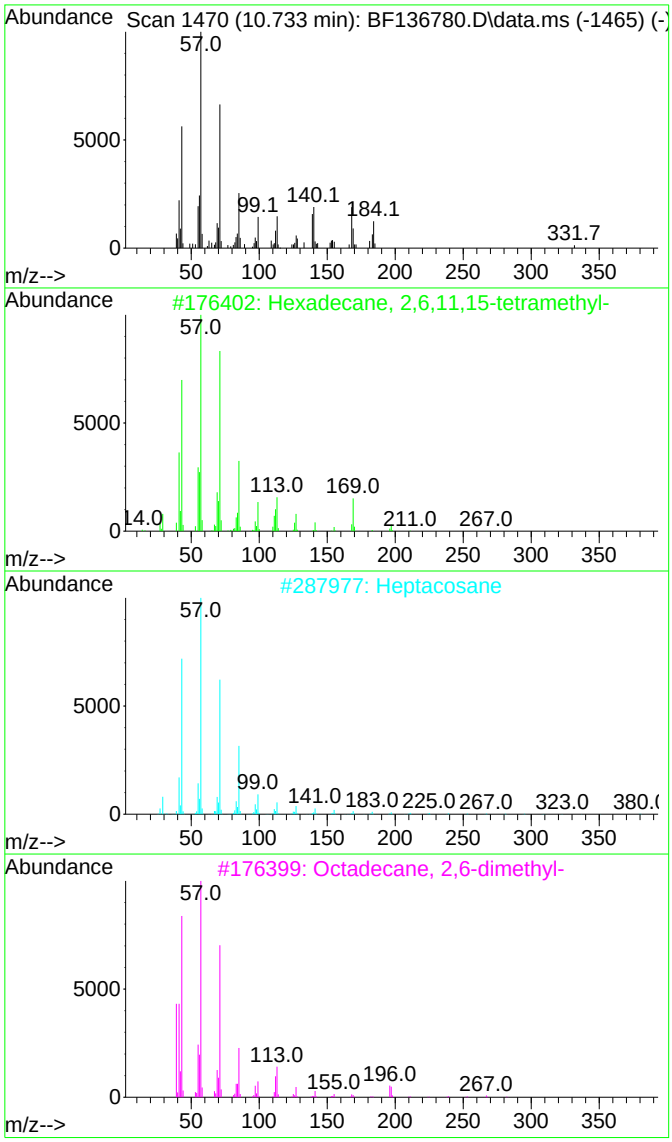
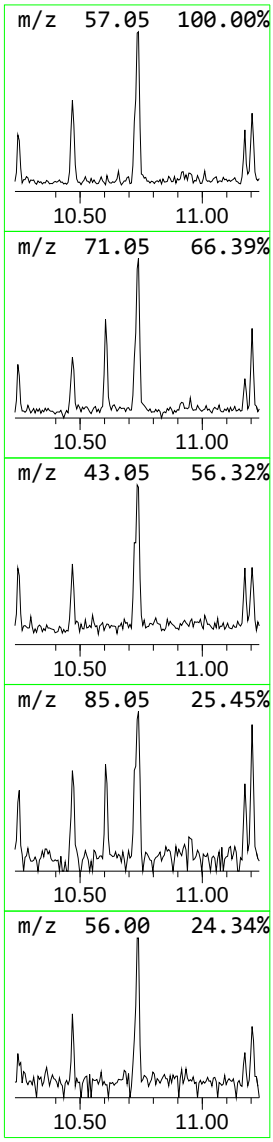
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecane, 2,6,11,15-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	3.71 ng	71088	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
2	Heptacosane	380	C27H56	000593-49-7	52
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	52
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

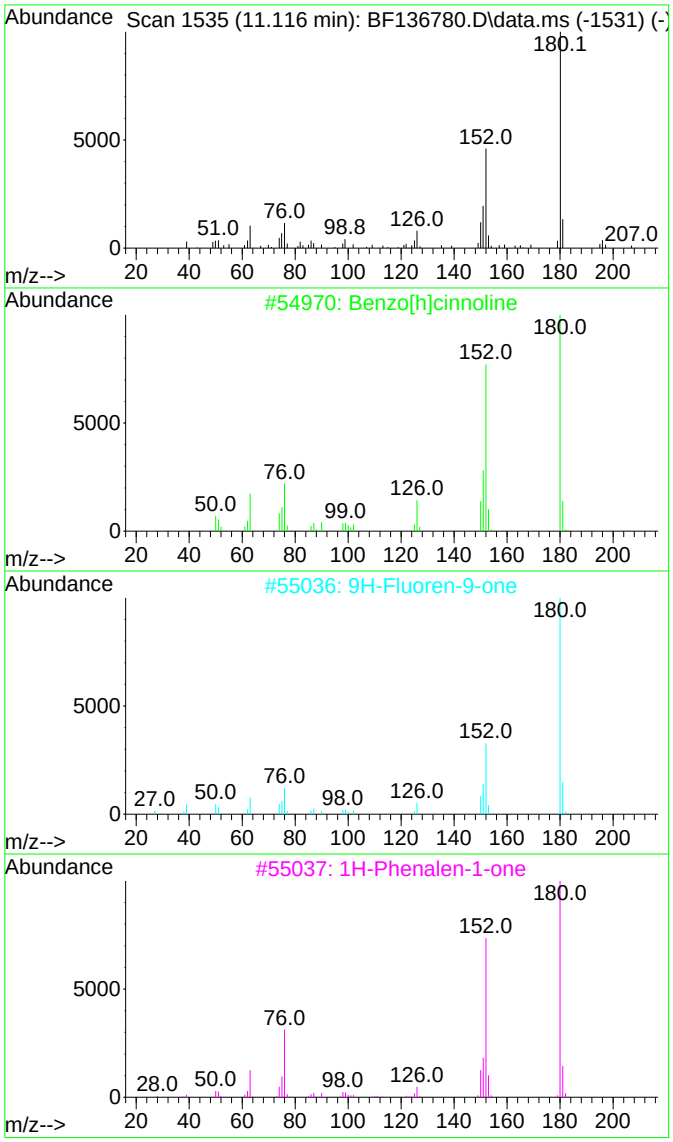
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

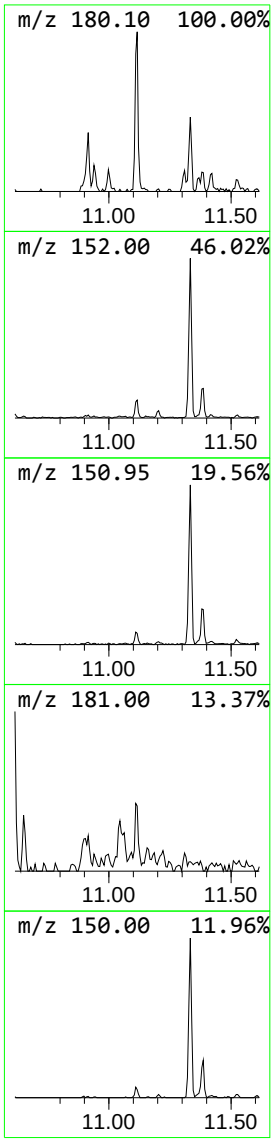
****

Peak Number 2 Benzo[h]cinnoline Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	2.14 ng	40940	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	64
5	Benzo(f)quinoxaline	180	C12H8N2	000230-33-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

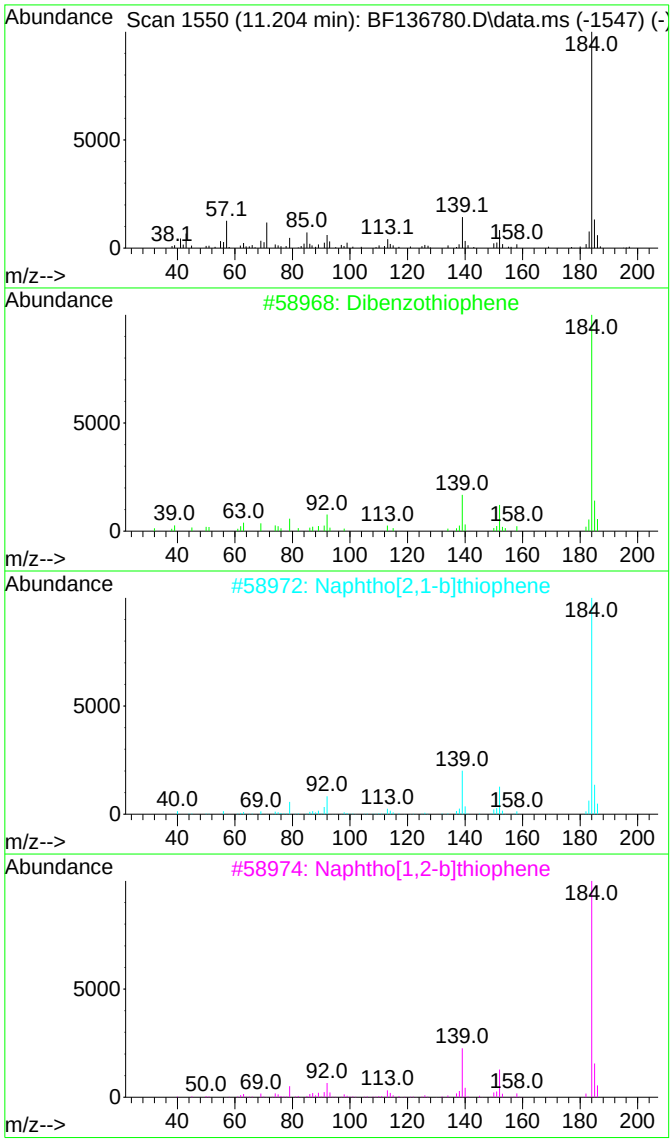
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

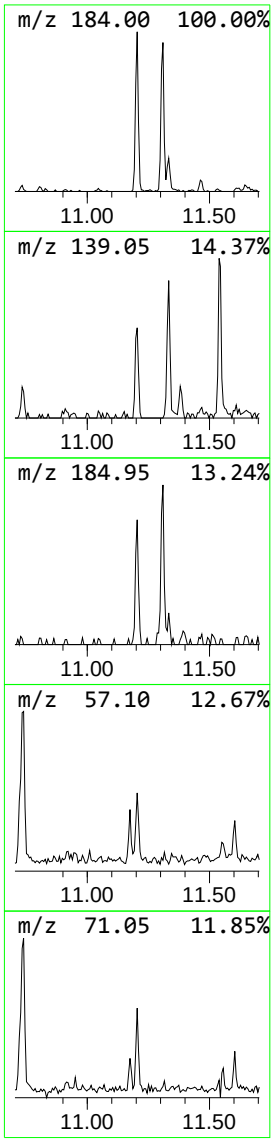
****

Peak Number 3 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	4.16 ng	79773	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

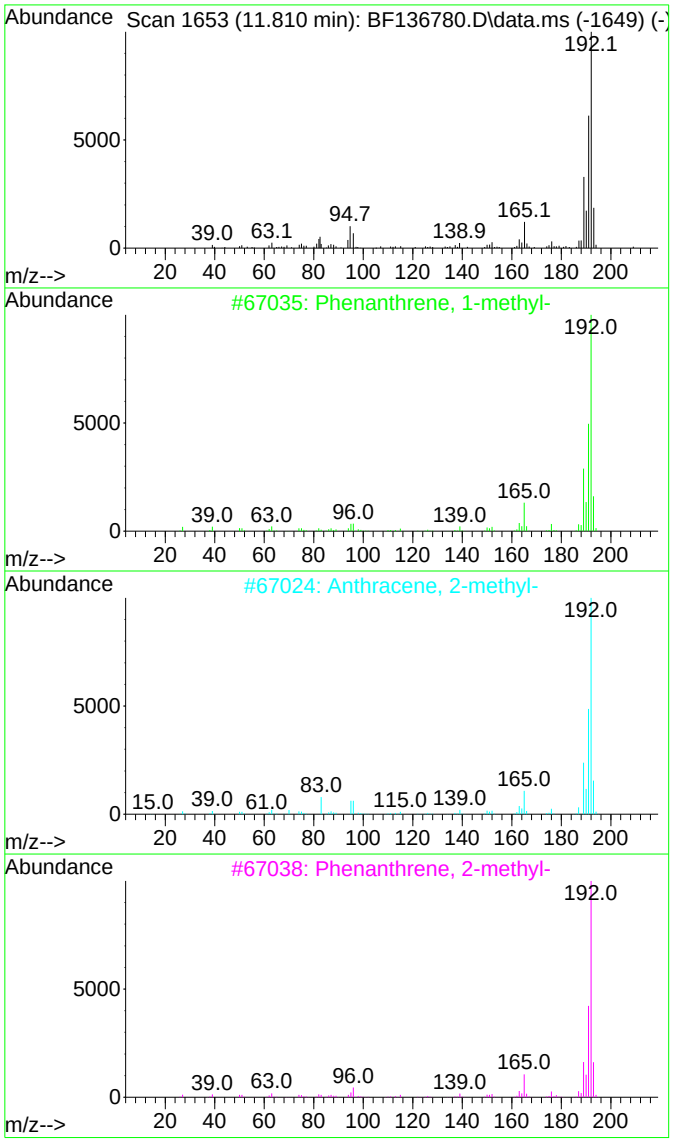
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

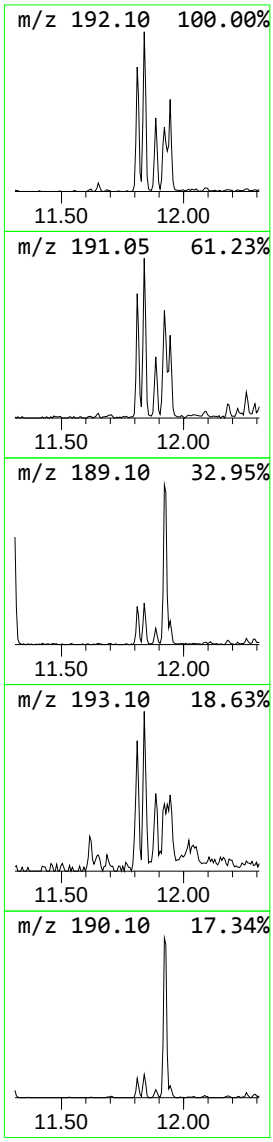
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	4.92 ng	94311	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

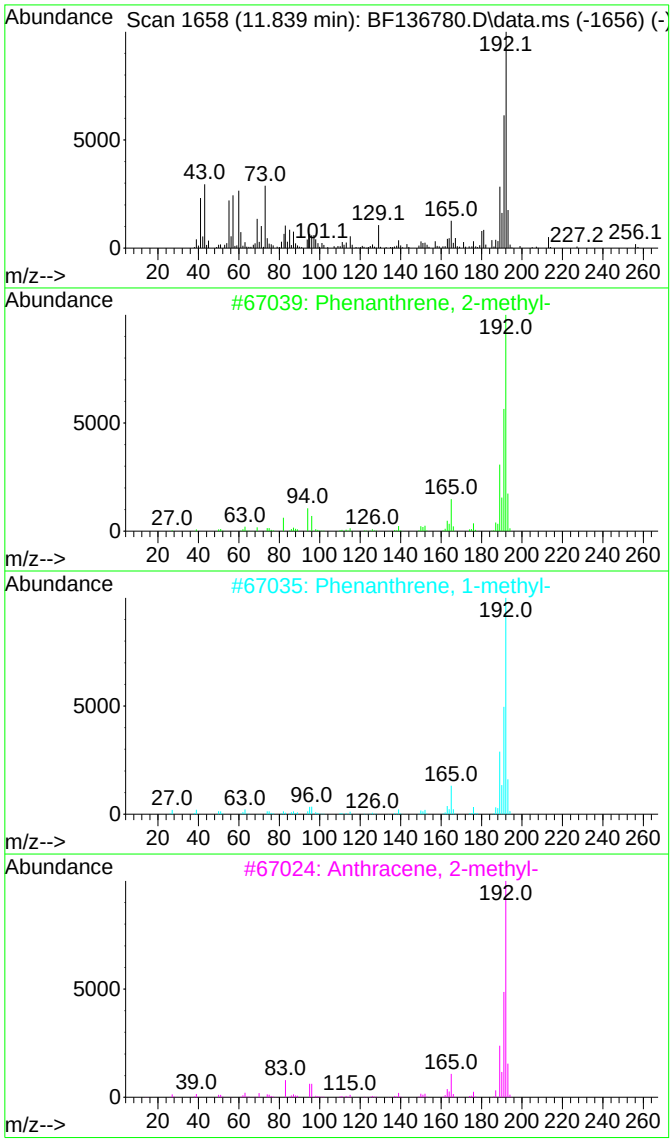
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

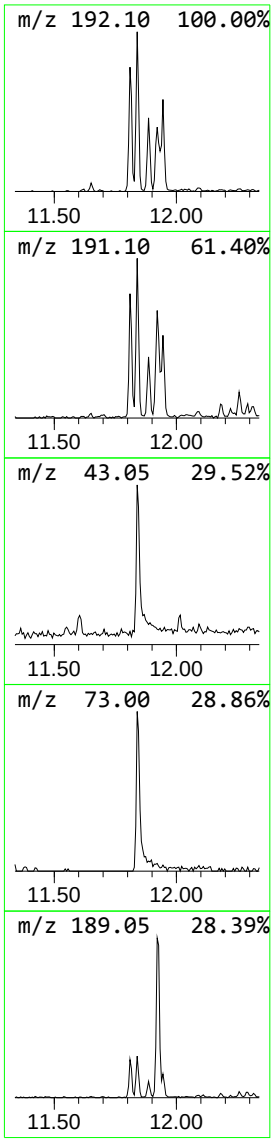
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	12.61 ng	241591	Phenanthrene-d10	11.310

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	97
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : 06018-02
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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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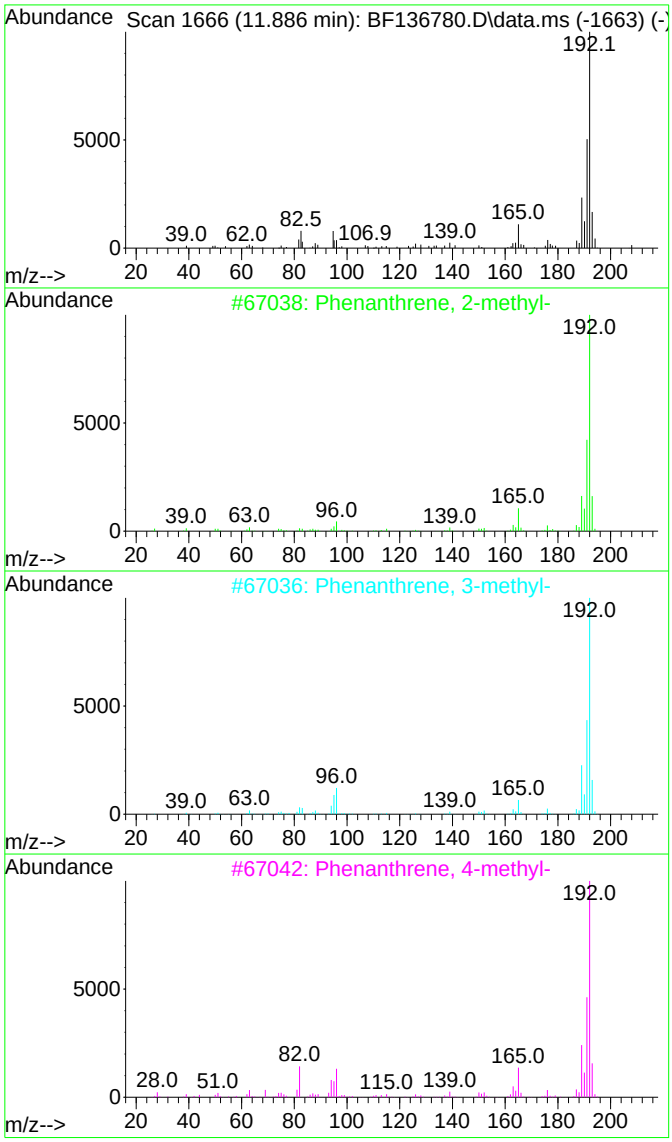
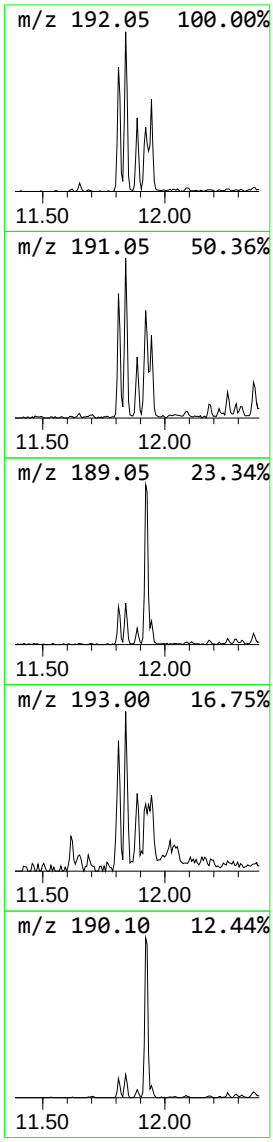
Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	3.03 ng	57986	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, 3-methyl-	192	C15H12	000832-71-3	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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

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

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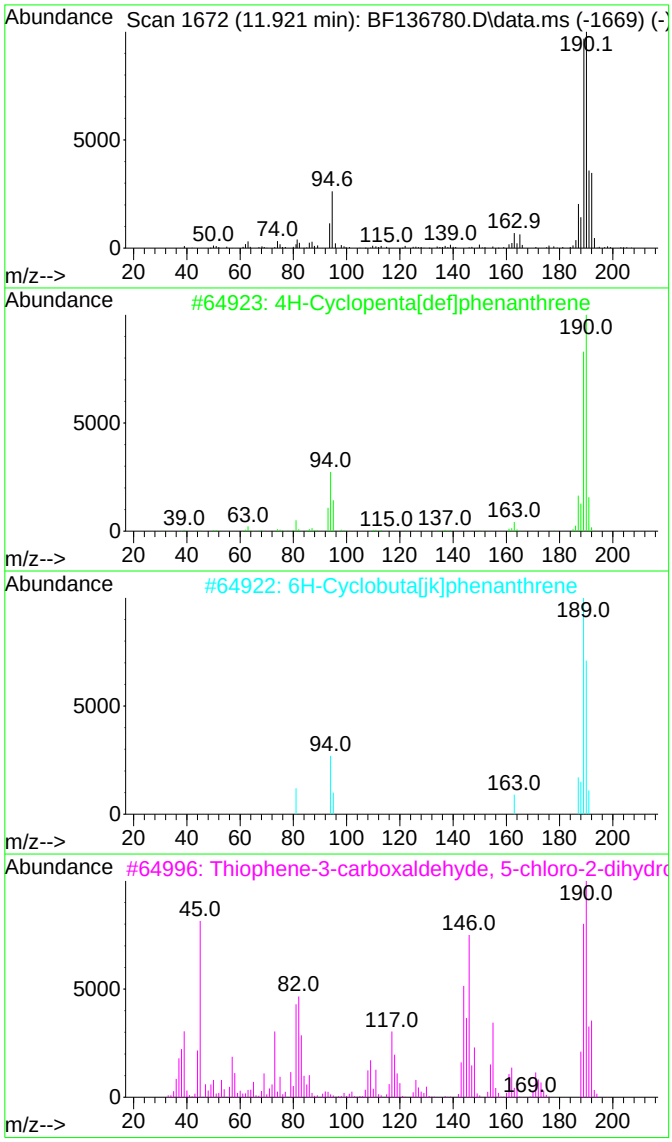
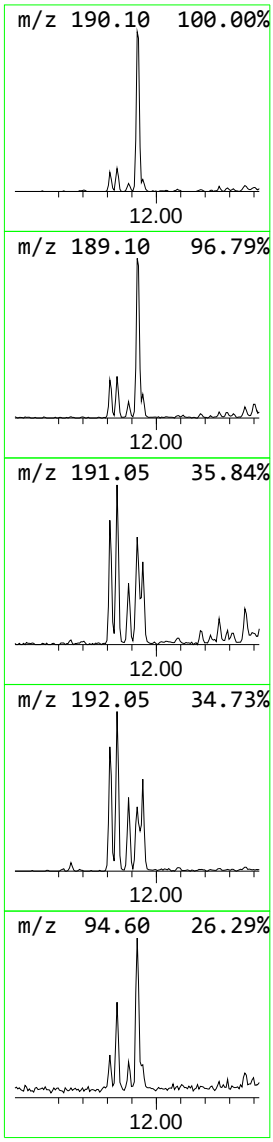
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	10.32 ng	197816	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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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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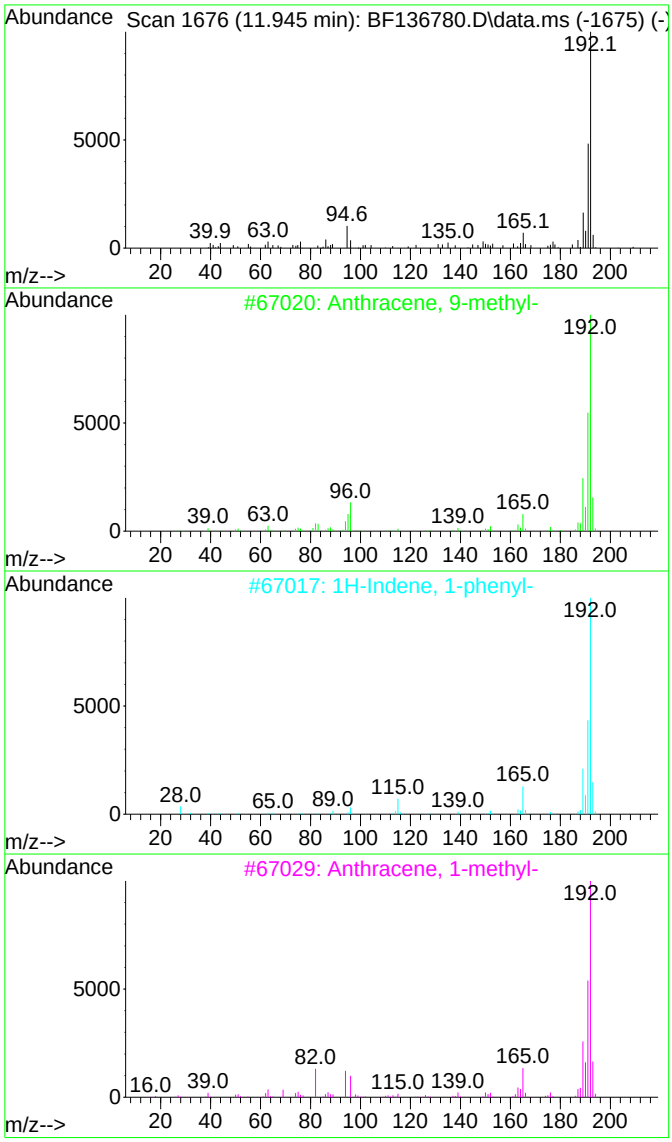
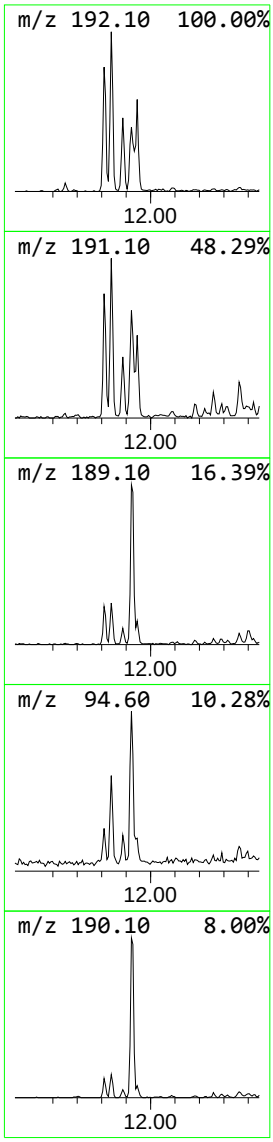
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	2.36 ng	45223	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	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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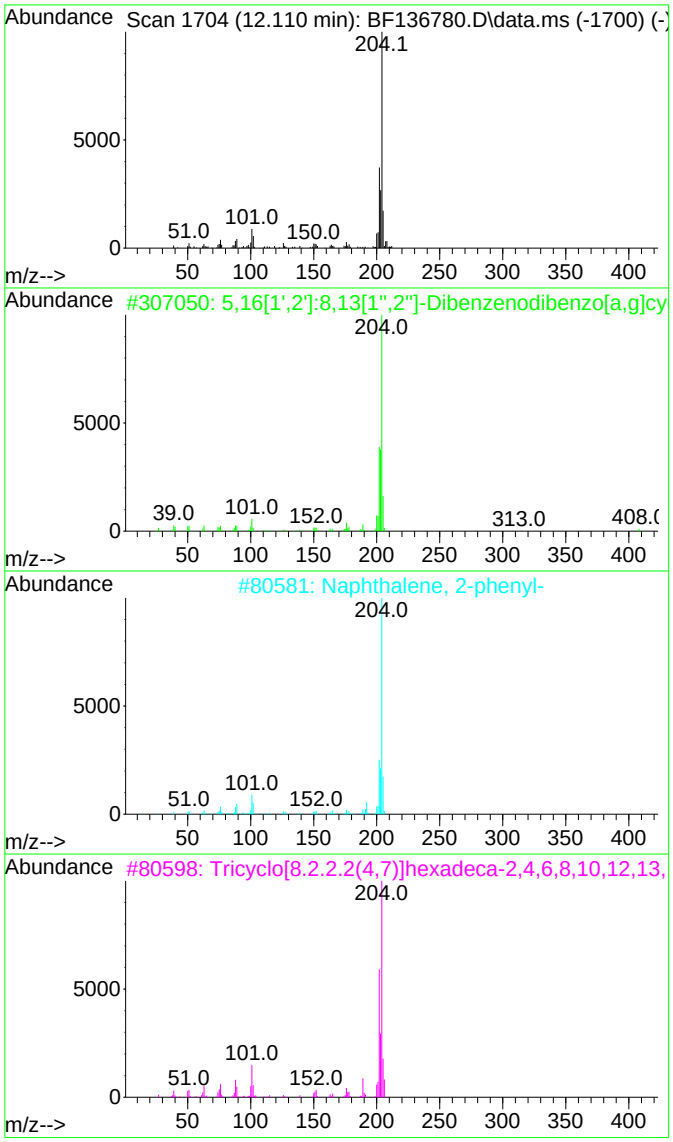
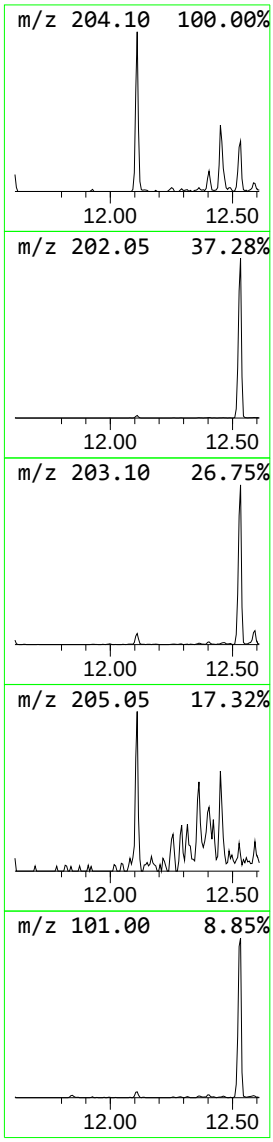
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.37 ng	64575	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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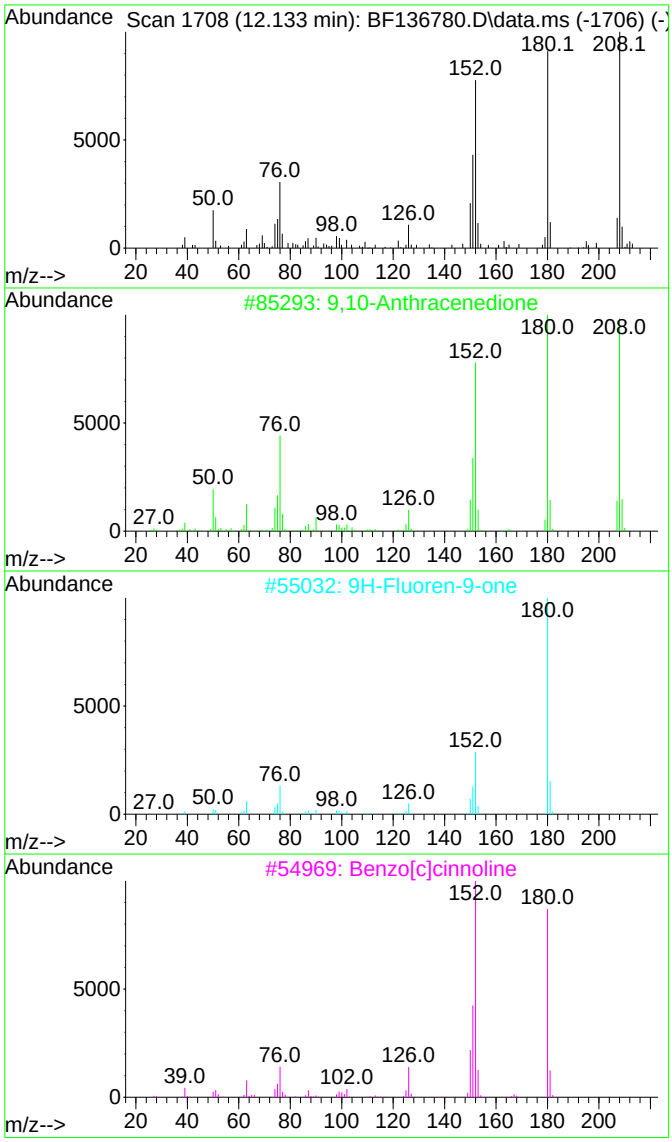
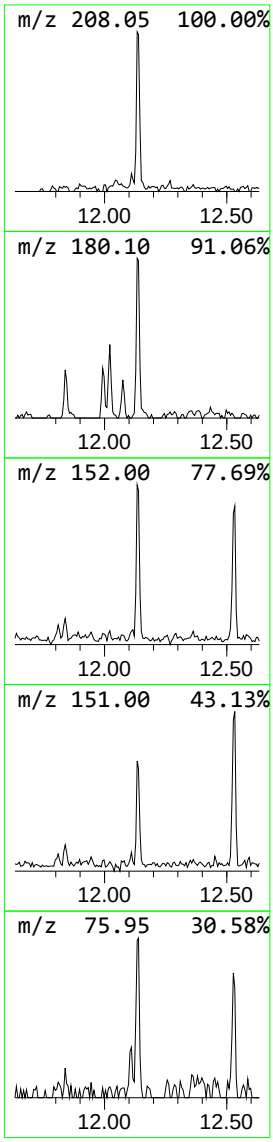
Peak Number 10 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	3.09 ng	59308	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53





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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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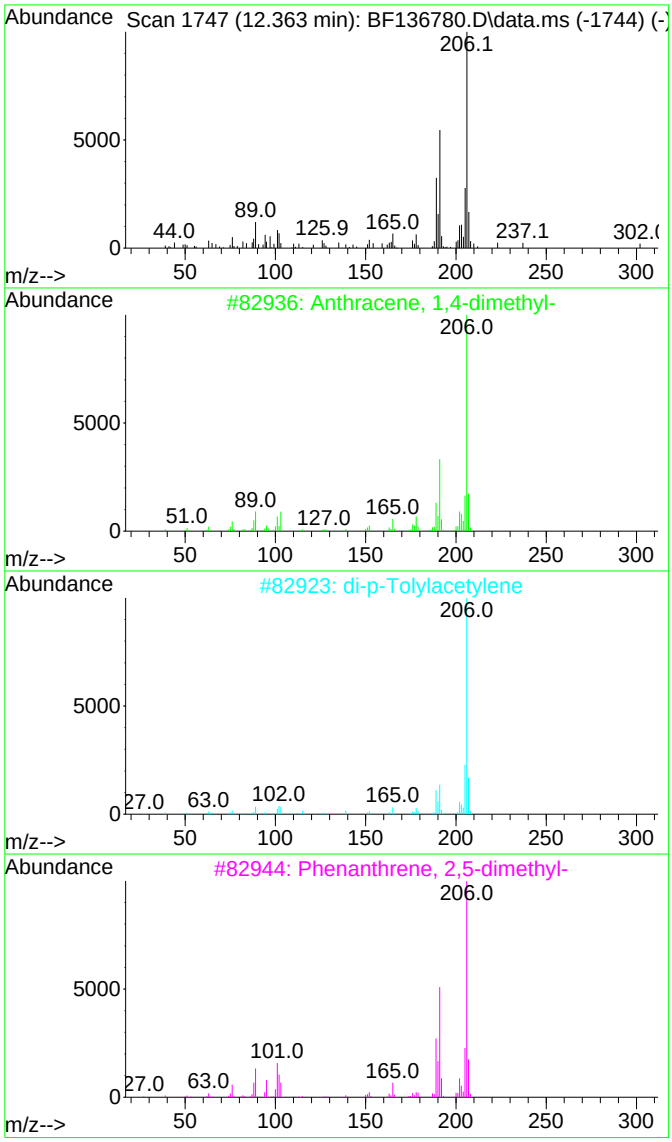
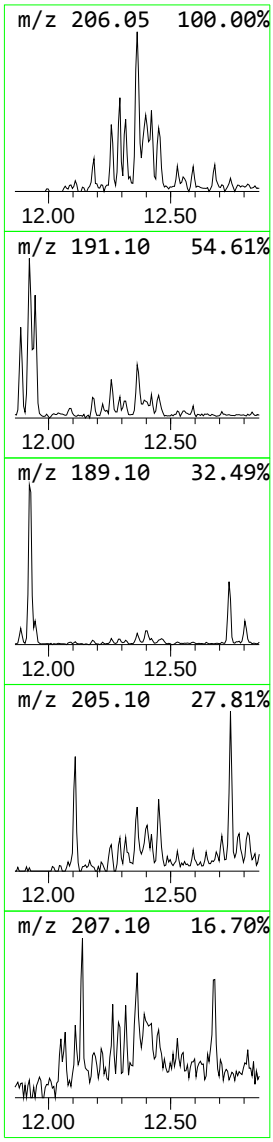
Peak Number 11 Anthracene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	2.13 ng	40809	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





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Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

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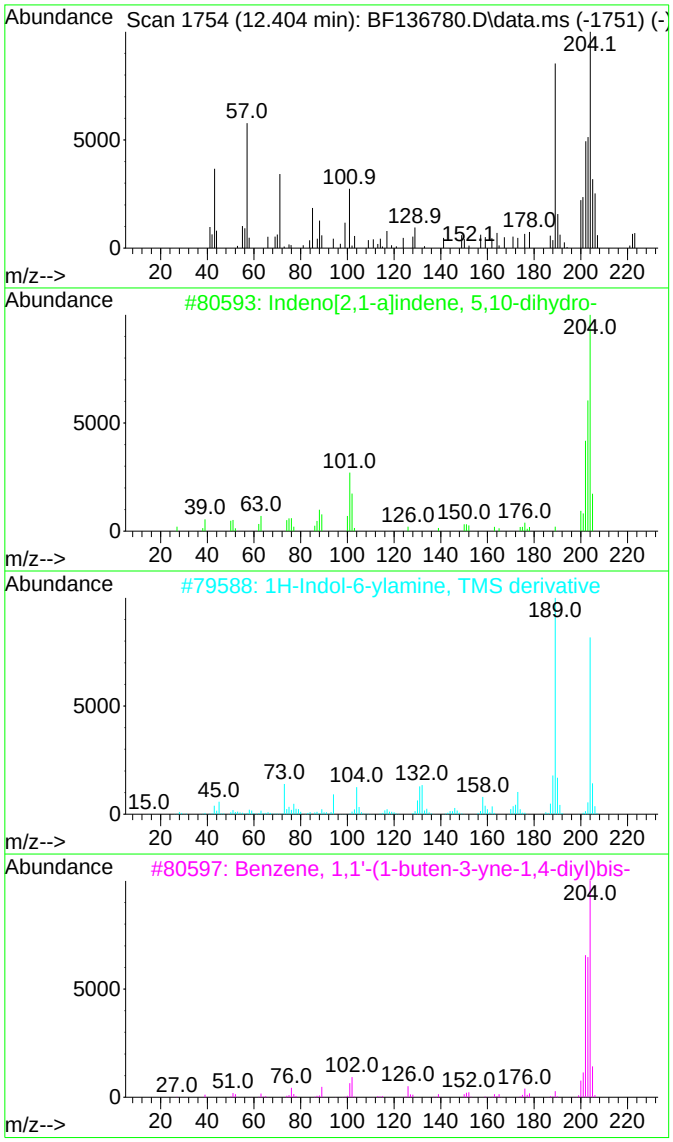
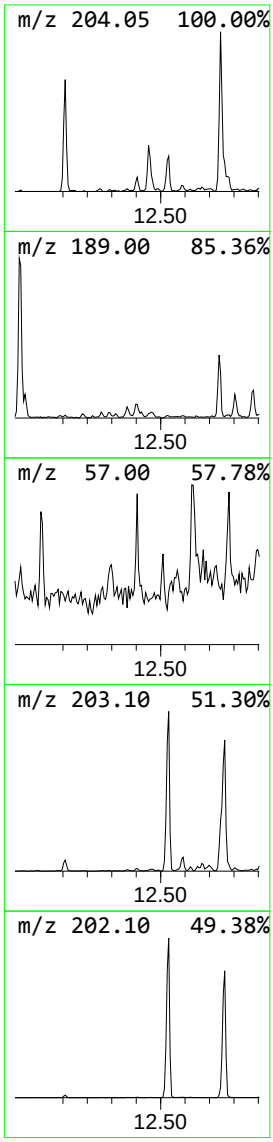
Peak Number 12 unknown12.404 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	2.70 ng	51757	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
2	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	38
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	35
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	25
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	22





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

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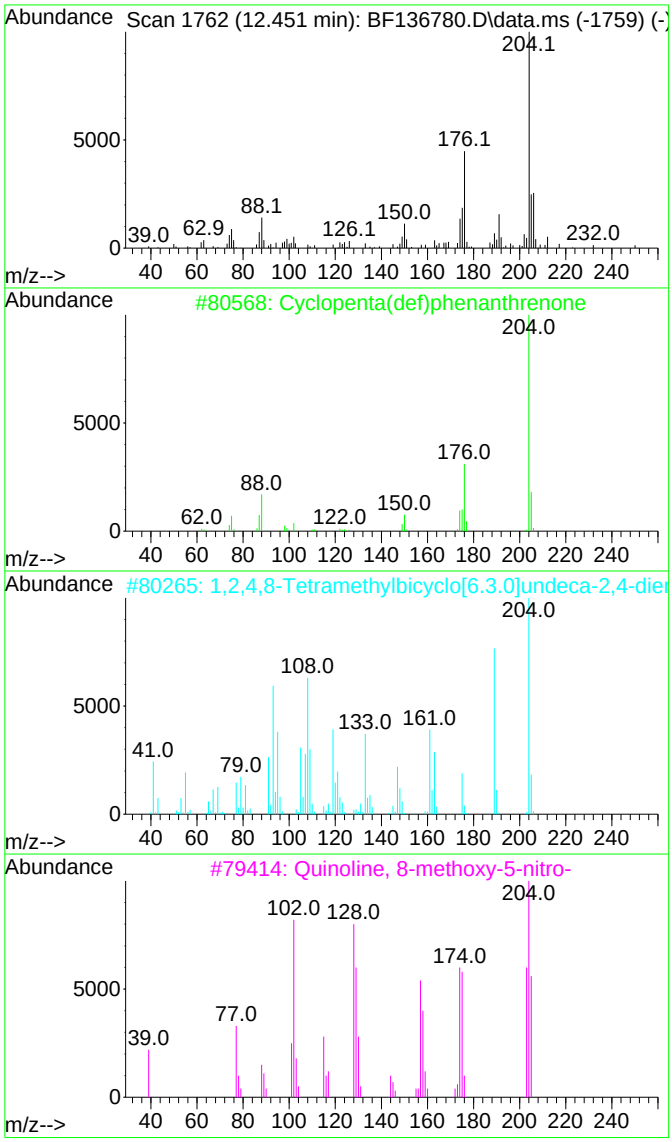
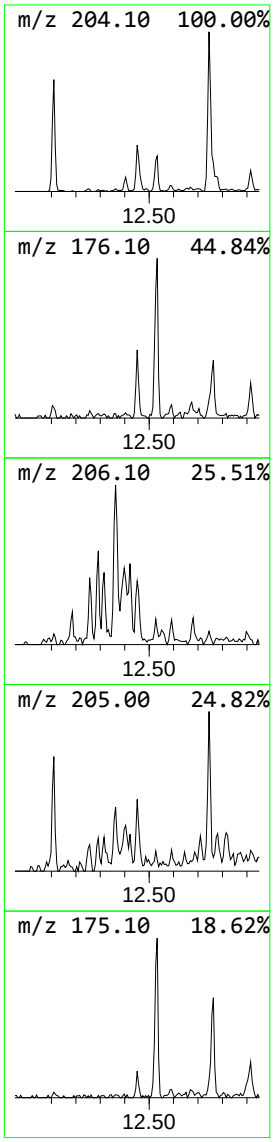
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	2.68 ng	51445	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	6-Chloro[1,2,4]triazolo[3,4-a]ph...	204	C9H5ClN4	052494-53-8	38





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

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

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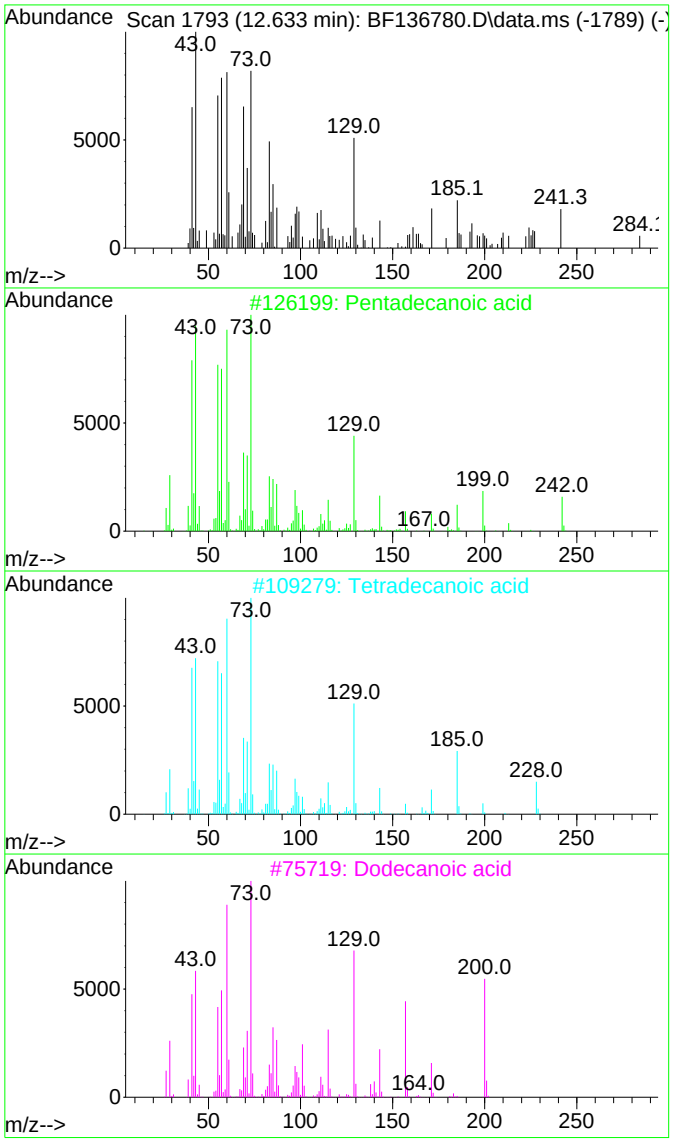
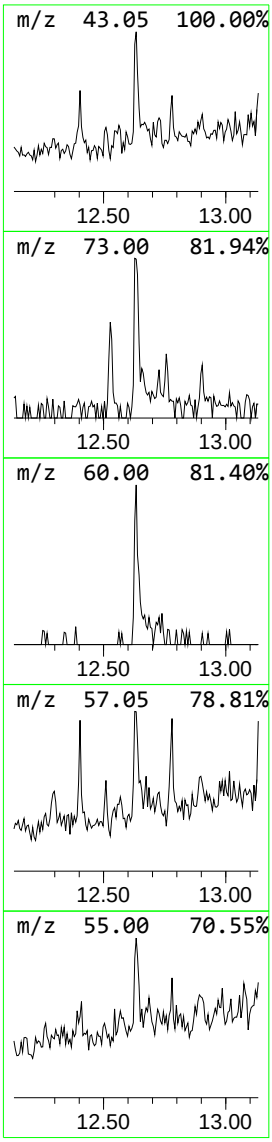
Peak Number 14 Pentadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	2.15 ng	41234	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Dodecanoic acid	200	C12H24O2	000143-07-7	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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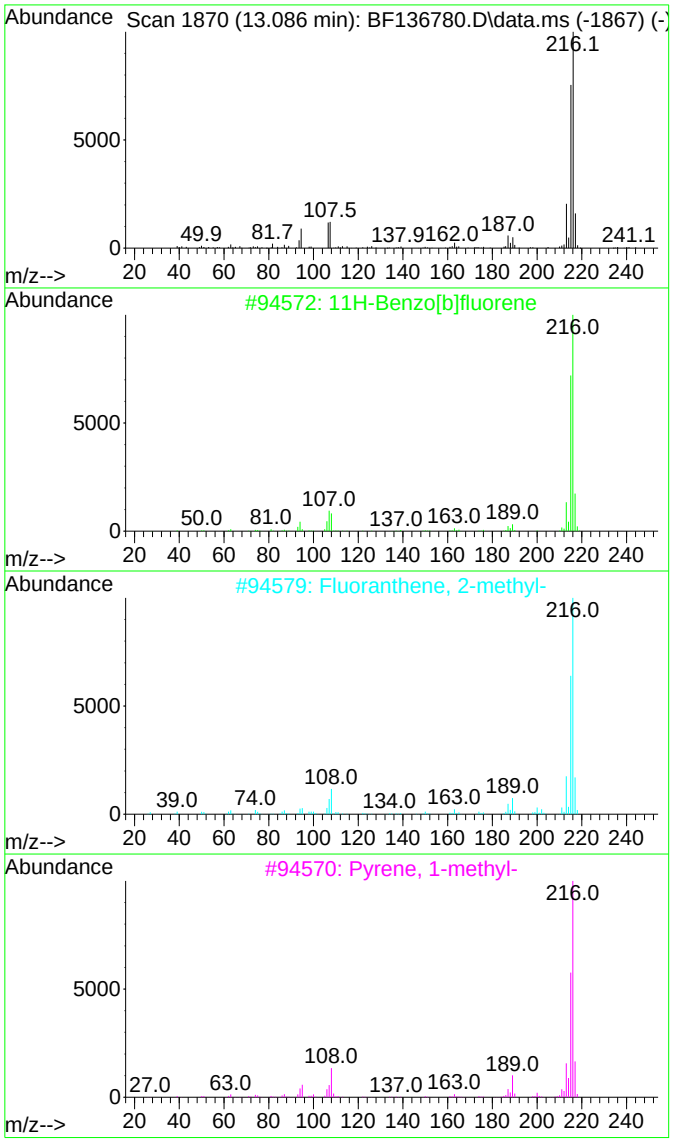
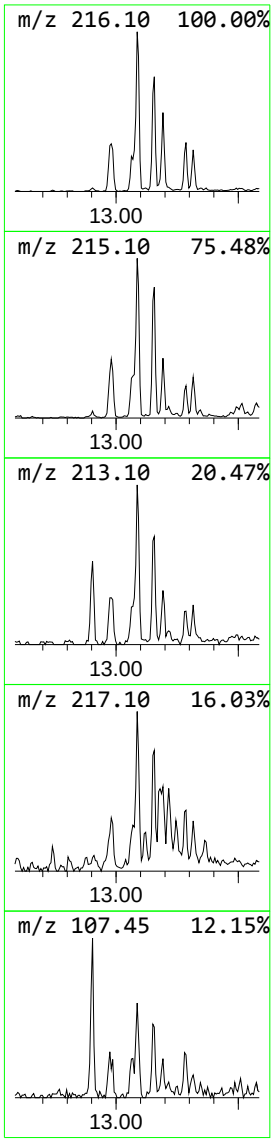
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	2.77 ng	164808	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





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

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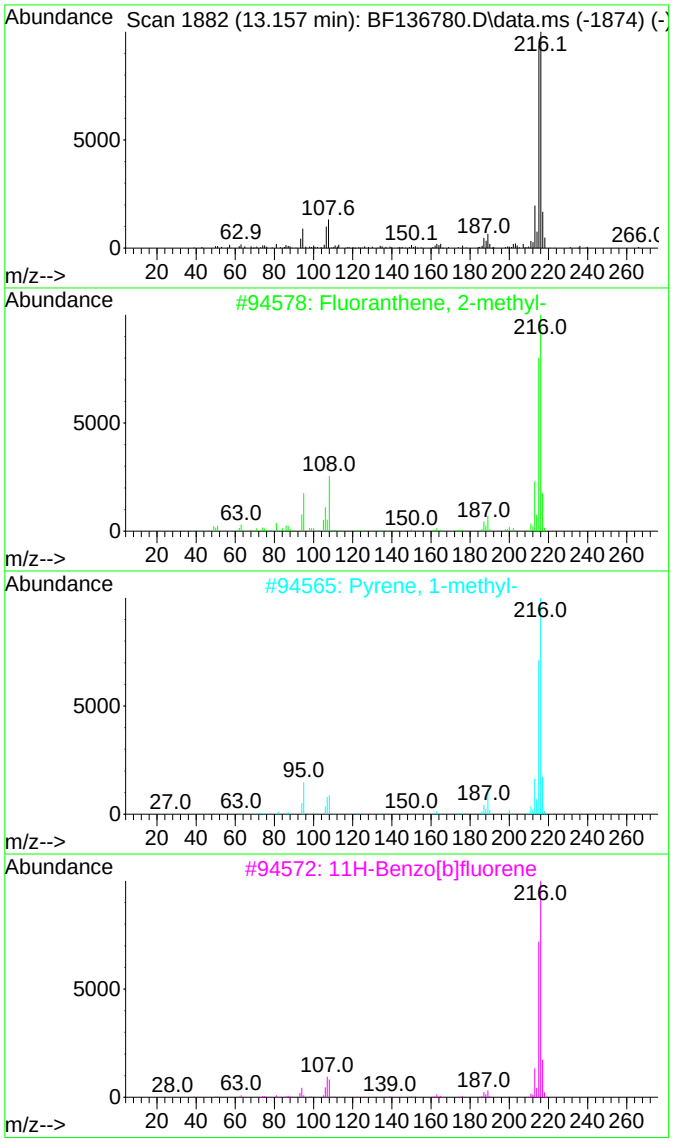
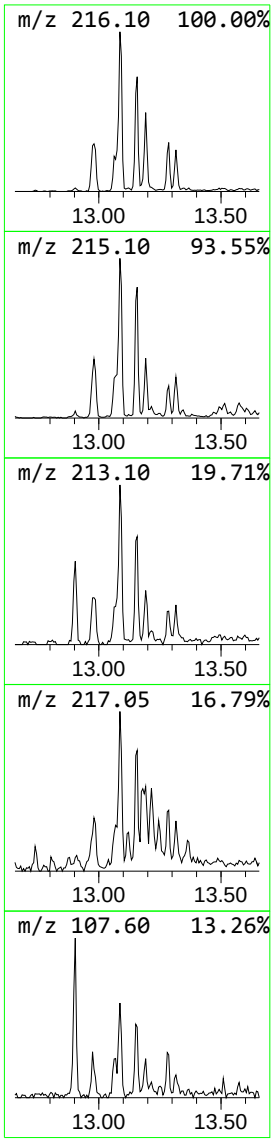
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.49 ng	148246	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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

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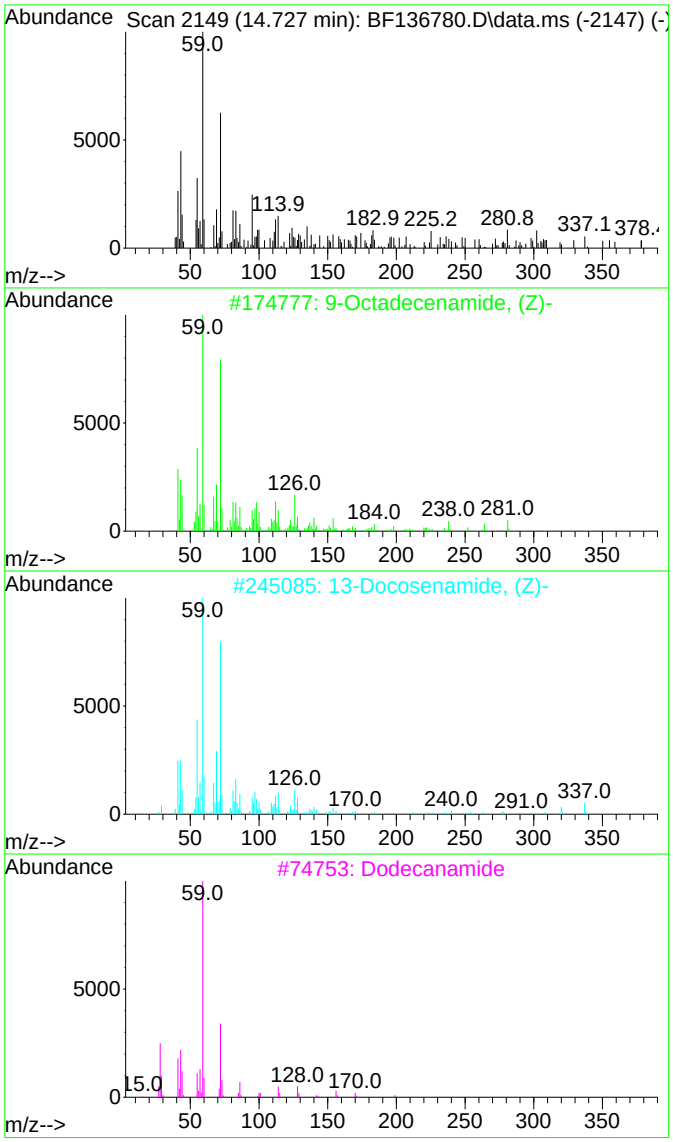
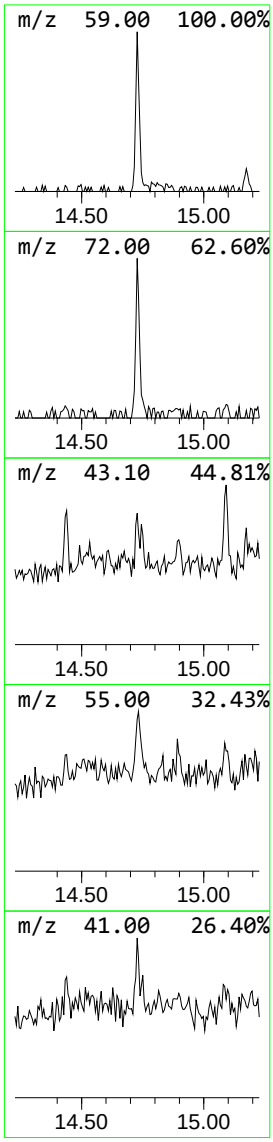
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	2.32 ng	35851	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64
3	Dodecanamide	199	C12H25NO	001120-16-7	49
4	Octanamide	143	C8H17NO	000629-01-6	43
5	1,4-Bis(dimethylsilyl)butane	174	C8H22Si2	1010434-36-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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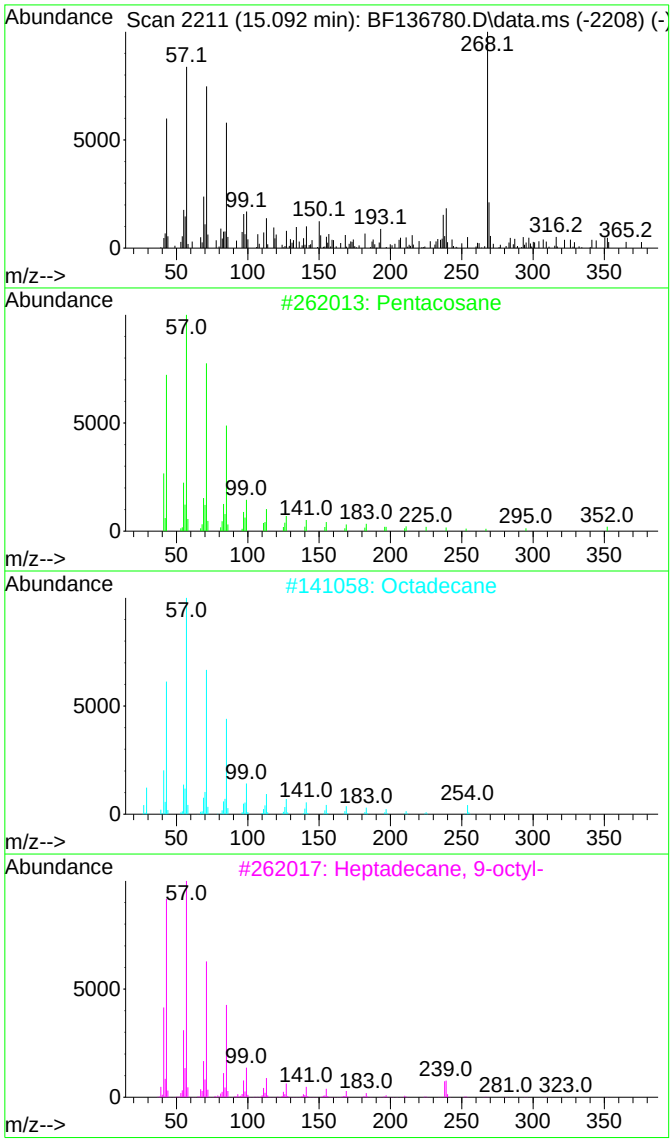
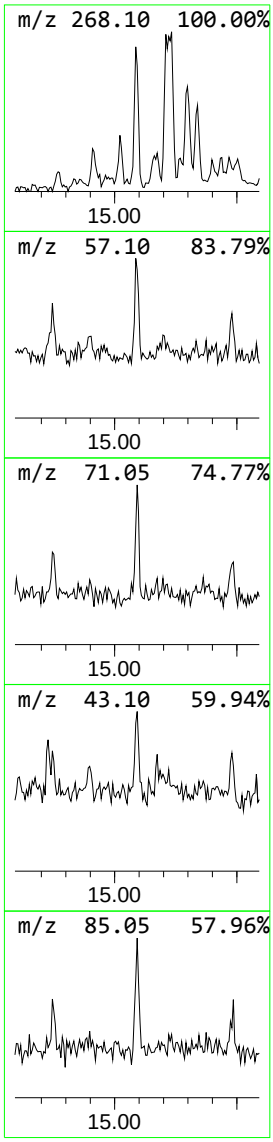
Peak Number 18 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	2.65 ng	40878	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	64
2	Octadecane	254	C18H38	000593-45-3	62
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	41
4	Hentriacontane	437	C31H64	000630-04-6	41
5	2-(4-Ethoxyphenyl)-6-methyl-2H-1...	268	C15H16N4O	355818-00-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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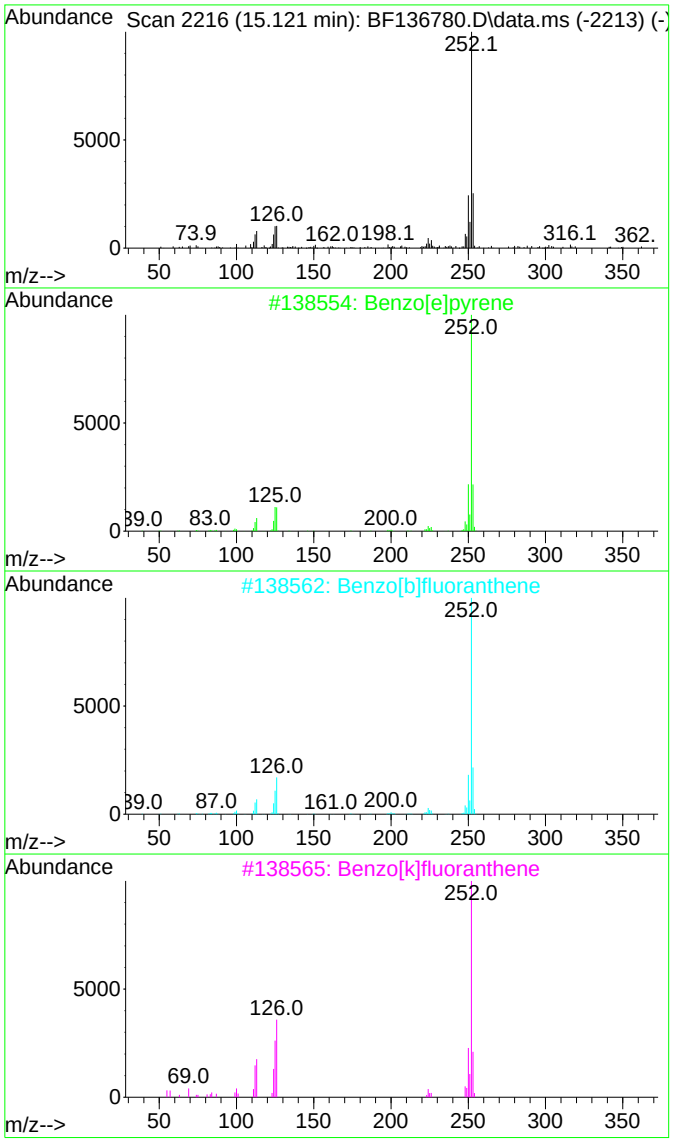
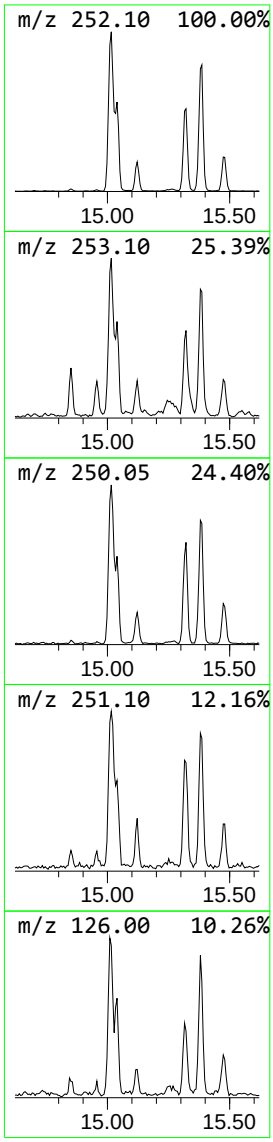
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	5.10 ng	78635	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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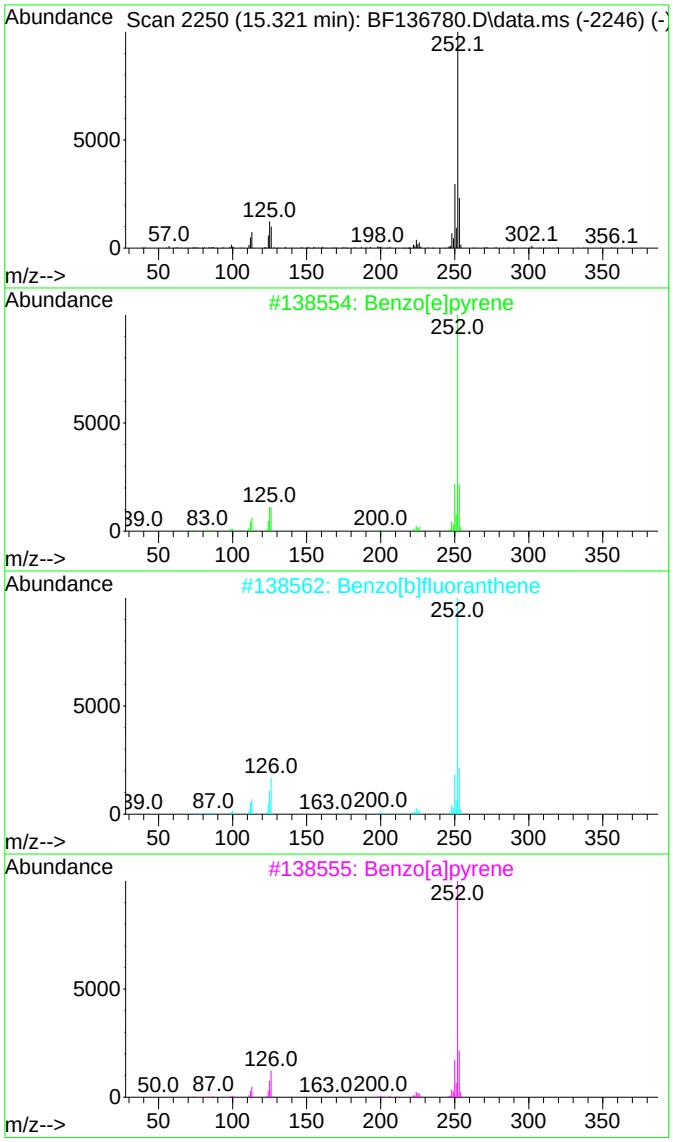
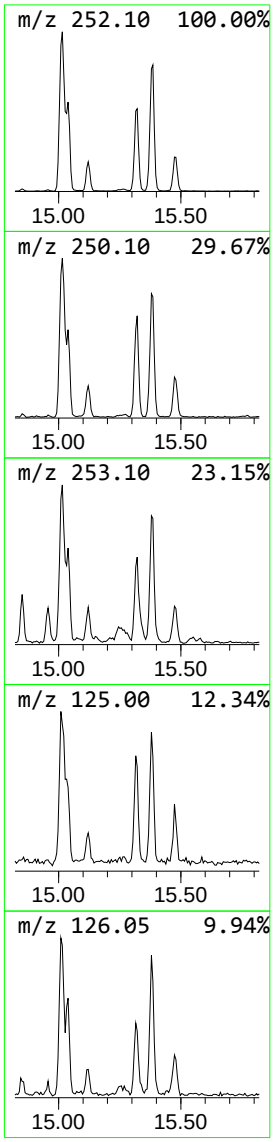
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	17.65 ng	272416	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136780.D
Acq On : 28 Dec 2023 02:38
Operator : CG\JU
Sample : 06018-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Hexadecane, 2,6...	10.733	3.7	ng	71088	4	11.310	383305	20.0
Benzo[h]cinnoline	11.116	2.1	ng	40940	4	11.310	383305	20.0
Dibenzothiophene	11.204	4.2	ng	79773	4	11.310	383305	20.0
Phenanthrene, 1...	11.810	4.9	ng	94311	4	11.310	383305	20.0
Phenanthrene, 2...	11.839	12.6	ng	241591	4	11.310	383305	20.0
Phenanthrene, 3...	11.886	3.0	ng	57986	4	11.310	383305	20.0
4H-Cyclopenta[d...	11.921	10.3	ng	197816	4	11.310	383305	20.0
Anthracene, 9-m...	11.945	2.4	ng	45223	4	11.310	383305	20.0
5,16[1',2']:8,1...	12.110	3.4	ng	64575	4	11.310	383305	20.0
9,10-Anthracene...	12.133	3.1	ng	59308	4	11.310	383305	20.0
Anthracene, 1,4...	12.363	2.1	ng	40809	4	11.310	383305	20.0
unknown12.404	12.404	2.7	ng	51757	4	11.310	383305	20.0
Cyclopenta(def)...	12.451	2.7	ng	51445	4	11.310	383305	20.0
Pentadecanoic acid	12.633	2.1	ng	41234	4	11.310	383305	20.0
11H-Benzo[b]flu...	13.086	2.8	ng	164808	5	13.968	1190970	20.0
Fluoranthene, 2...	13.157	2.5	ng	148246	5	13.968	1190970	20.0
9-Octadecenamid...	14.727	2.3	ng	35851	6	15.445	308605	20.0
Pentacosane	15.092	2.6	ng	40878	6	15.445	308605	20.0
Benzo[e]pyrene	15.121	5.1	ng	78635	6	15.445	308605	20.0
Perylene	15.321	17.6	ng	272416	6	15.445	308605	20.0