LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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: BF128811.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	546	rBV	1927033	1696160	60.71%	3.997%
2	6.434	701	705	718	rBV	1921075	1721566	61.62%	4.057%
3	6.781	760	764	767	rBV	590274	484048	17.32%	1.141%
4	7.345	855	860	863	rBV	1347825	1141744	40.86%	2.691%
5	8.063	976	982	984	rBV	753204	593256	21.23%	1.398%
6	8.081	984	985	990	rVB	50967	47769	1.71%	0.113%
7	8.775	1100	1103	1106	rVB	66595	47538	1.70%	0.112%
8	8.875	1116	1120	1124	rVB	83270	64139	2.30%	0.151%
9	9.139	1159	1165	1168	rBV	2462465	2004467	71.74%	4.724%
10	9.404	1205	1210	1213	rBV	41115	55058	1.97%	0.130%
11	9.475	1219	1222	1225	rBV	102143	103682	3.71%	0.244%
12	9.504	1225	1227	1229	rVV	59214	48834	1.75%	0.115%
13	9.545	1232	1234	1239	rVV	57081	51850	1.86%	0.122%
14	9.592	1239	1242	1248	rVB	56091	62802	2.25%	0.148%
15	9.680	1253	1257	1260	rBV	295143	234037	8.38%	0.552%
16	9.816	1274	1280	1283	rBV	649227	611676	21.89%	1.442%
17	9.851	1283	1286	1289	rVB	134523	106433	3.81%	0.251%
18	10.022	1311	1315	1319	rVV	88941	83750	3.00%	0.197%
19	10.063	1319	1322	1325	rVB	67134	60111	2.15%	0.142%
20	10.133	1330	1334	1337	rBV2	83439	89196	3.19%	0.210%
21	10.163	1337	1339	1341	rVV	51225	39991	1.43%	0.094%
22	10.222	1345	1349	1351	rBV2	51396	69201	2.48%	0.163%
23	10.363	1371	1373	1380	rVB2	122307	147347	5.27%	0.347%
24	10.610	1409	1415	1419	rBV	1092677	933914	33.43%	2.201%
25	10.733	1431	1436	1440	rVB2	110170	113250	4.05%	0.267%
26	10.916	1462	1467	1469	rBV3	79194	95858	3.43%	0.226%
27	10.945	1469	1472	1474	rVV	61091	53419	1.91%	0.126%
28	10.998	1478	1481	1484	rVV	50961	44479	1.59%	0.105%
29	11.045	1484	1489	1491	rVV2	42896	56970	2.04%	0.134%
30	11.069	1491	1493	1498	rVV	54107	64656	2.31%	0.152%
31	11.110	1498	1500	1504	rVV2	97848	102274	3.66%	0.241%
32	11.169	1505	1510	1513	rVV3	40775	80592	2.88%	0.190%
33	11.204	1513	1516	1521	rVB	86410	89521	3.20%	0.211%
34	11.310	1530	1534	1535	rBV	514763	473564	16.95%	1.116%
35	11.333	1535	1538	1541	rVV	1504771	1199551	42.93%	2.827%
36	11.380	1544	1546	1549	rVB	278363	212497	7.61%	0.501%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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	11.416	1549	1552	1555	rBV3	71083	91753	3.28%	0.216%
38	11.539	1571	1573	1576	rBV	89702	81928	2.93%	0.193%
39	11.604	1581	1584	1586	rVV	73125	65468	2.34%	0.154%
40	11.639	1587	1590	1594	rVB3	101703	94112	3.37%	0.222%
41	11.722	1602	1604	1609	rVB	50793	53891	1.93%	0.127%
42	11.763	1609	1611	1614	rBV	47532	45962	1.65%	0.108%
43	11.810	1616	1619	1622	rBV	569721	515828	18.46%	1.216%
44	11.839	1622	1624	1628	rVB	809722	625947	22.40%	1.475%
45	11.886	1629	1632	1635	rVV	125152	116445	4.17%	0.274%
46	11.922	1635	1638	1640	rVV2	623329	626104	22.41%	1.476%
47	11.945	1640	1642	1646	rVB	420187	323961	11.60%	0.763%
48	11.992	1648	1650	1652	rBV3	40691	45656	1.63%	0.108%
49	12.045	1656	1659	1661	rVB	52424	49015	1.75%	0.116%
50	12.104	1666	1669	1672	rVV	215776	234316	8.39%	0.552%
51	12.133	1672	1674	1680	rVB	291158	258157	9.24%	0.608%
52	12.257	1692	1695	1698	rBV	175678	134291	4.81%	0.316%
53	12.286	1698	1700	1702	rBV	333450	247128	8.85%	0.582%
54	12.310	1702	1704	1707	rVB	228794	183860	6.58%	0.433%
55	12.363	1709	1713	1716	rBV	657630	655326	23.46%	1.544%
56	12.398	1716	1719	1721	rVV2	313890	358505	12.83%	0.845%
57	12.421	1721	1723	1725	rVB	191392	143552	5.14%	0.338%
58	12.451	1725	1728	1732	rBV2	325144	385425	13.80%	0.908%
59	12.527	1737	1741	1744	rBV	2215408	2123873	76.02%	5.005%
60	12.569	1745	1748	1750	rBV	88944	95335	3.41%	0.225%
61	12.621	1754	1757	1759	rVB	118114	97638	3.49%	0.230%
62	12.663	1761	1764	1769	rBV4	87468	153031	5.48%	0.361%
63	12.763	1774	1781	1786	rBV	2391545	2793945	100.00%	6.585%
64	12.810	1786	1789	1792	rVB2	377250	384729	13.77%	0.907%
65	12.869	1795	1799	1801	rBV2	143138	179165	6.41%	0.422%
66	12.898	1801	1804	1807	rBV	1725409	1382499	49.48%	3.258%
67	12.974	1812	1817	1821	rBV2	329925	556922	19.93%	1.313%
68	13.027	1824	1826	1828	rBV2	89926	77936	2.79%	0.184%
69	13.063	1828	1832	1833	rVV2	278843	334020	11.96%	0.787%
70	13.086	1833	1836	1838	rVB	501892	491388	17.59%	1.158%
71	13.151	1844	1847	1849	rBV	325062	239523	8.57%	0.564%
72	13.186	1849	1853	1856	rBV2	576348	565460	20.24%	1.333%
73	13.251	1861	1864	1866	rBV2	80256	106523	3.81%	0.251%
74	13.280	1866	1869	1871	rVV	487938	419400	15.01%	0.988%
75	13.310	1871	1874	1877	rVV	432880	421769	15.10%	0.994%
76	13.345	1877	1880	1885	rVV2	155637	167090	5.98%	0.394%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	13.398	1886	1889	1892	rVB2	112834	115468	4.13%	0.272%
78	13.568	1915	1918	1919	rBV2	96155	101712	3.64%	0.240%
79	13.592	1919	1922	1927	rVB	421110	407462	14.58%	0.960%
80	13.651	1930	1932	1935	rVB	195305	179495	6.42%	0.423%
81	13.704	1936	1941	1944	rVV4	345900	598912	21.44%	1.411%
82	13.727	1944	1945	1948	rVV	237162	197824	7.08%	0.466%
83	13.757	1948	1950	1955	rVV2	167784	304539	10.90%	0.718%
84	13.804	1955	1958	1961	rVB	386393	342696	12.27%	0.808%
85	13.951	1979	1983	1986	rBV2	1486715	1942655	69.53%	4.578%
86	13.986	1986	1989	1995	rVB	1564575	1417402	50.73%	3.340%
87	14.051	1996	2000	2004	rBV3	364772	609488	21.81%	1.436%
88	14.104	2006	2009	2015	rBV4	203142	354462	12.69%	0.835%
89	14.304	2041	2043	2045	rBV	145477	144403	5.17%	0.340%
90	14.345	2045	2050	2053	rVV	561436	655478	23.46%	1.545%
91	14.374	2053	2055	2059	rVB	327197	311471	11.15%	0.734%
92	14.468	2068	2071	2073	rBV2	264719	241497	8.64%	0.569%
93	14.998	2156	2161	2164	rBV	994051	1535392	54.95%	3.619%
94	15.098	2175	2178	2182	rVB	203078	191538	6.86%	0.451%
95	15.292	2207	2211	2216	rVB	631063	840608	30.09%	1.981%
96	15.357	2217	2222	2227	rBV	945719	1149891	41.16%	2.710%
97	15.410	2228	2231	2234	rVV	286902	372765	13.34%	0.879%
98	15.439	2234	2236	2244	rVB3	238706	397282	14.22%	0.936%
99	16.851	2472	2476	2482	rVB2	295831	502508	17.99%	1.184%
100	17.286	2546	2550	2559	rVB	249461	504148	18.04%	1.188%

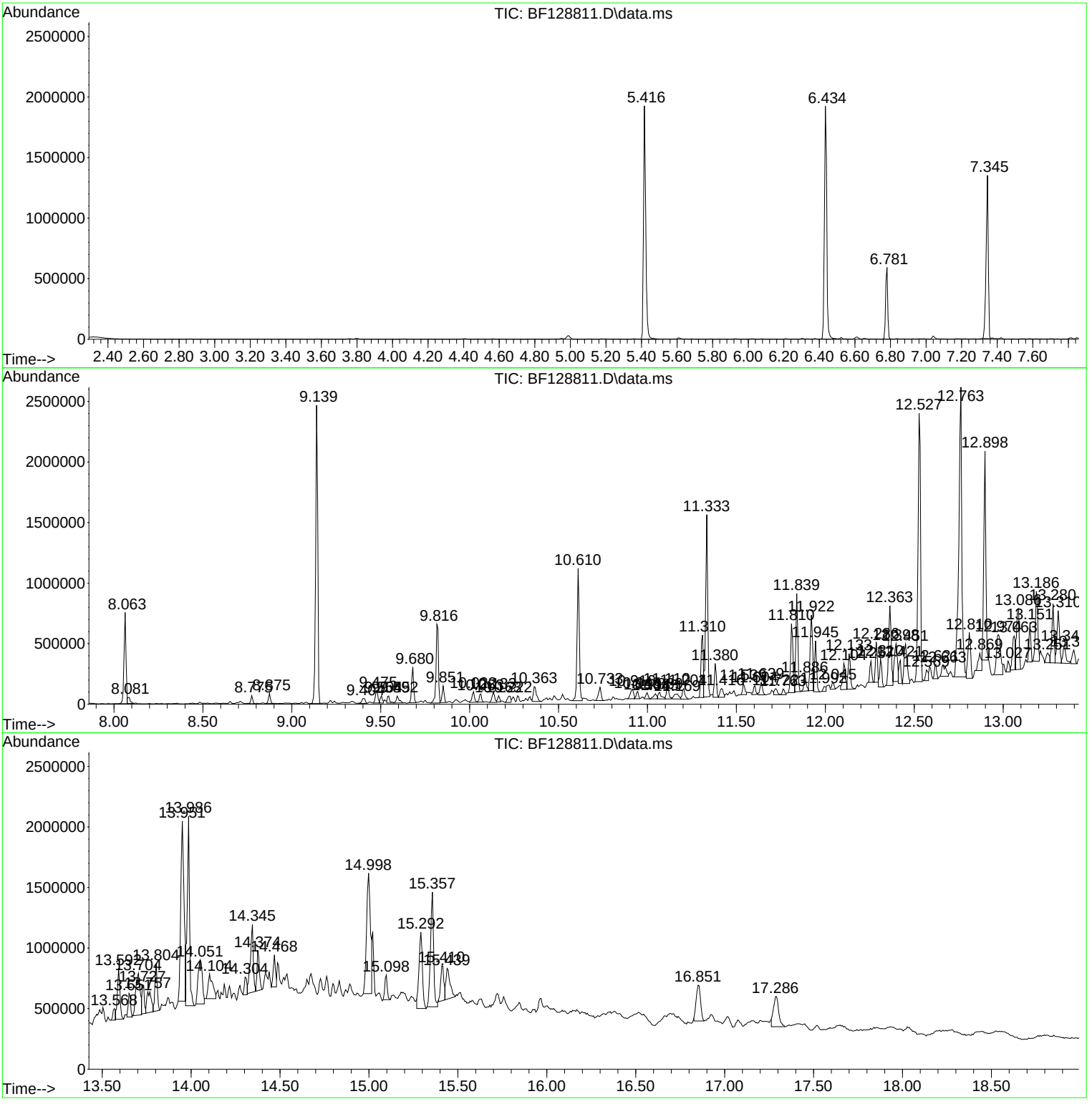
Sum of corrected areas: 42431172

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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\BF061422\
Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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

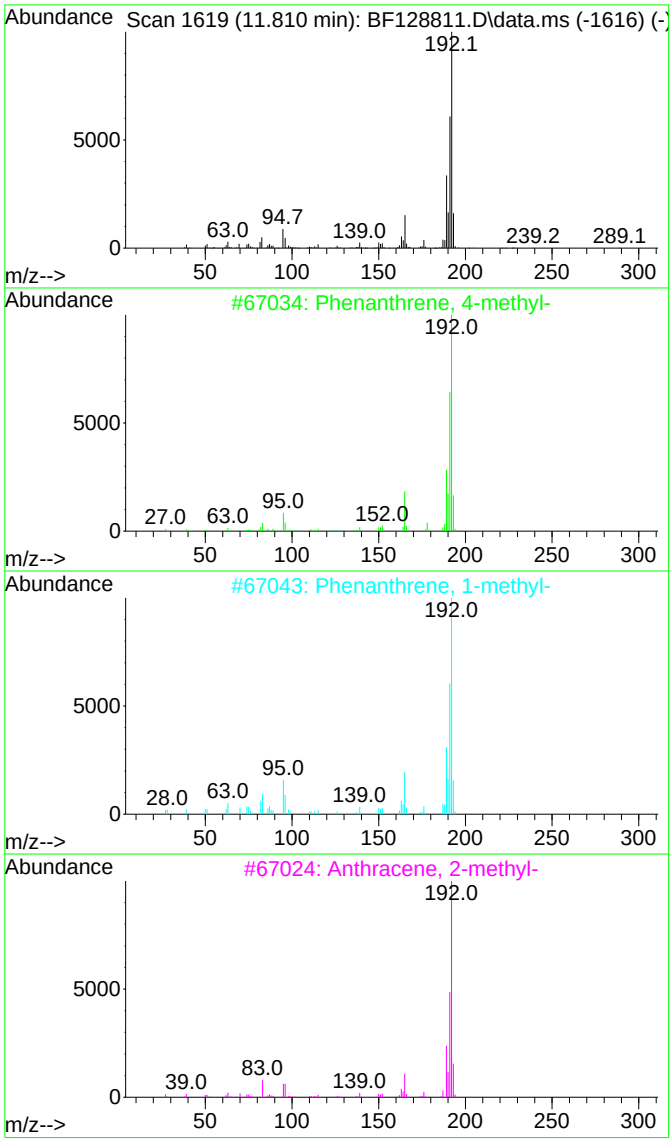
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

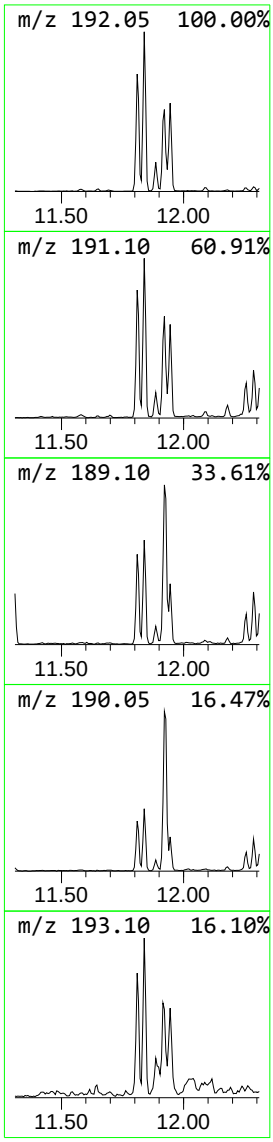
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	21.78 ng	515828	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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

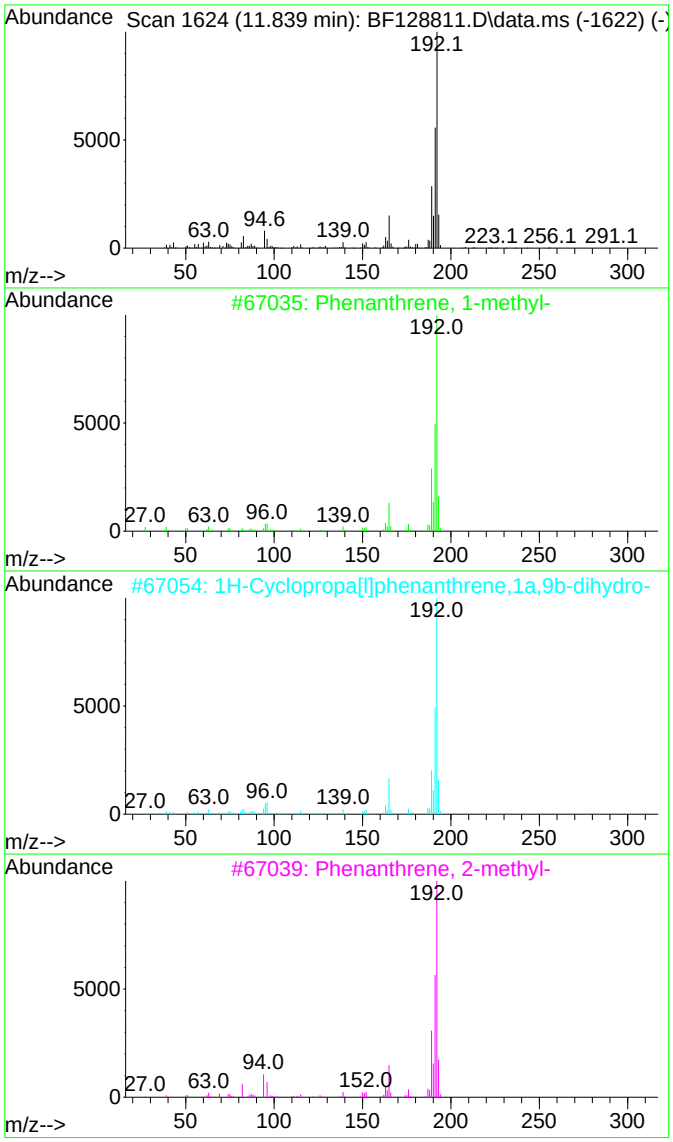
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

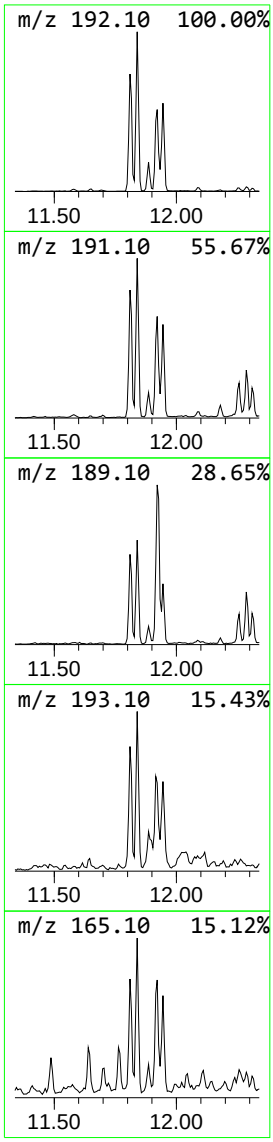
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	26.44 ng	625947	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

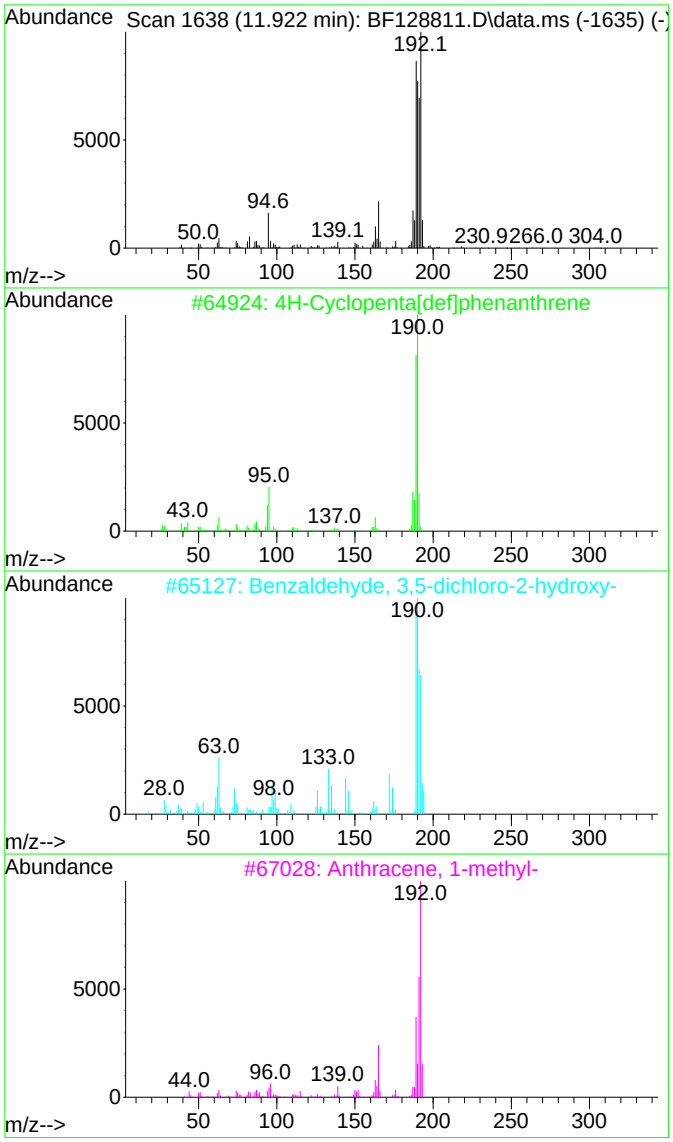
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

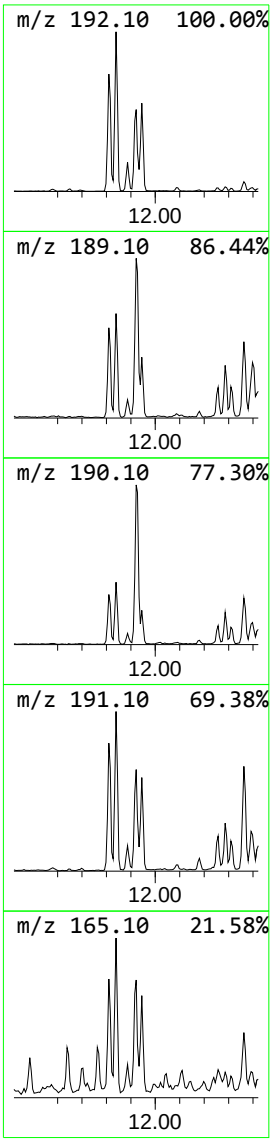
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	26.44 ng	626104	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

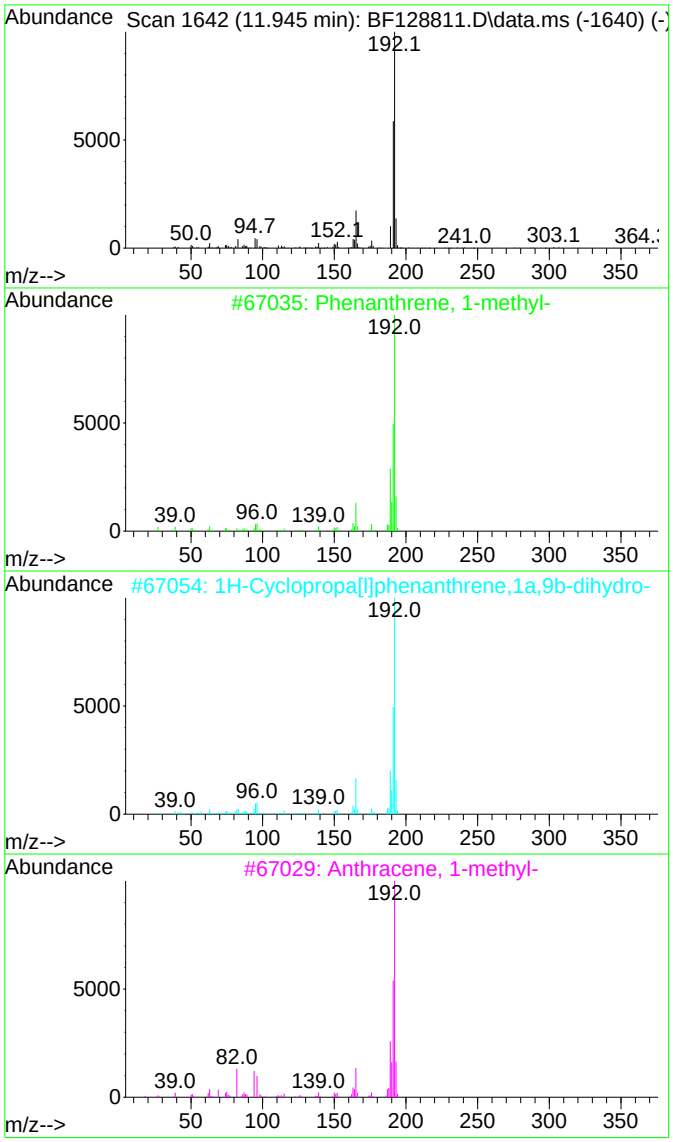
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

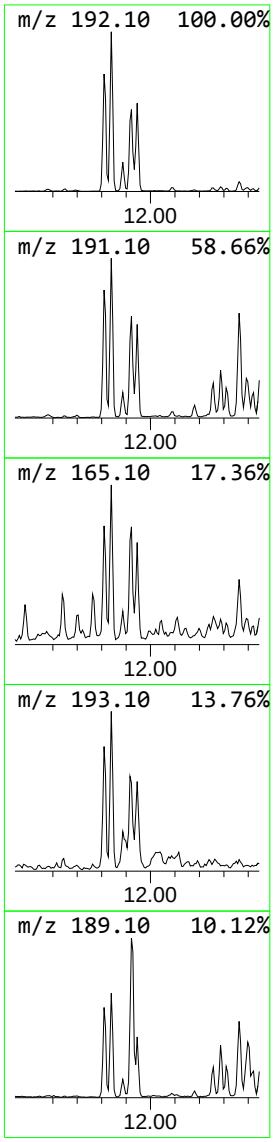
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	13.68 ng	323961	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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

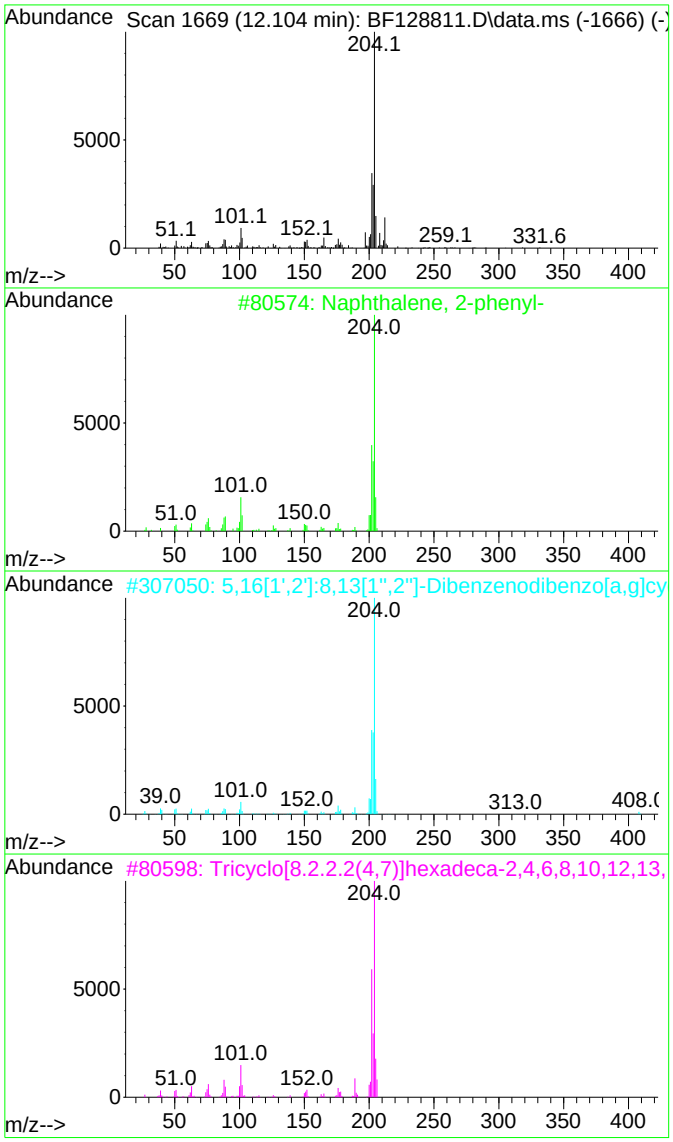
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

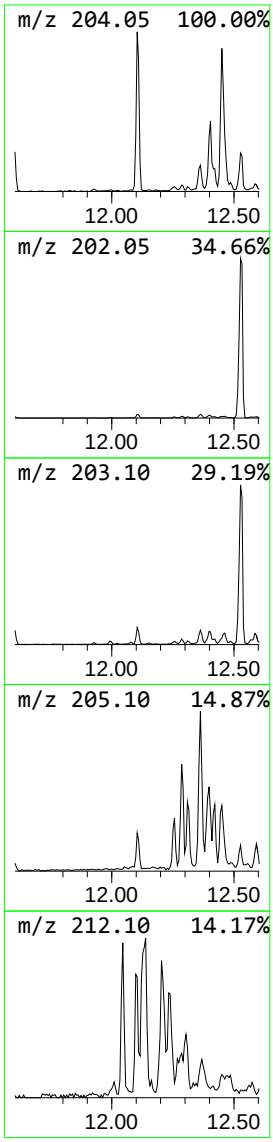
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	9.90 ng	234316	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Operator : CG\JU
Sample : N3327-05
Misc :
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ClientSampleId :
EW-WMR-COMP-3

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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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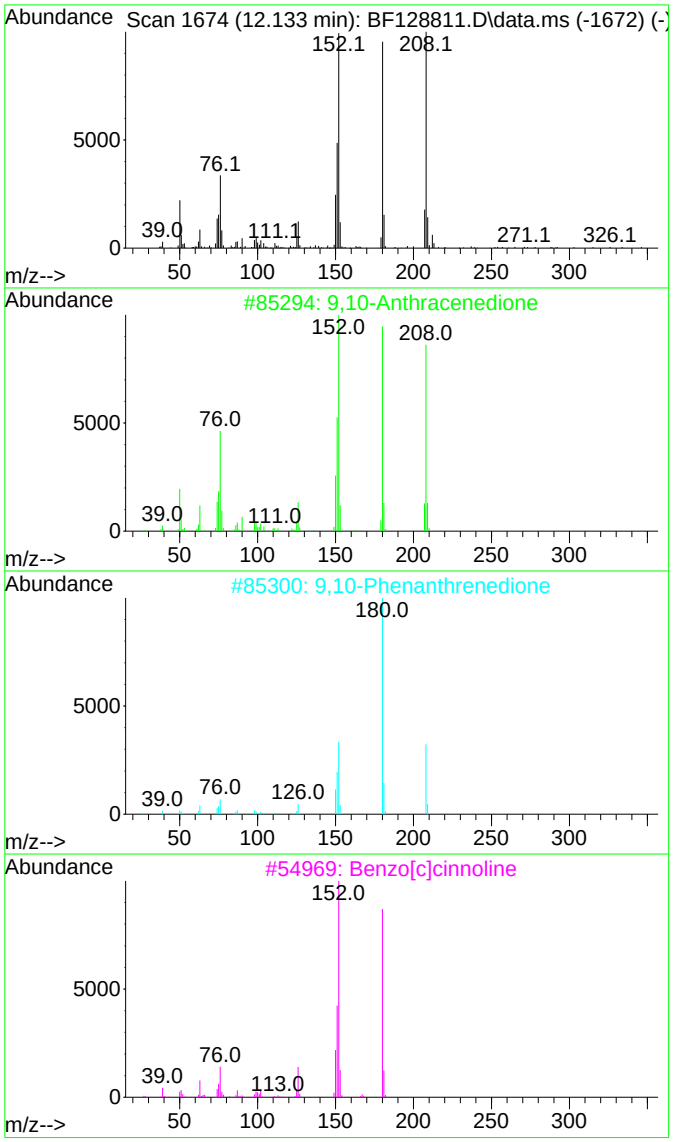
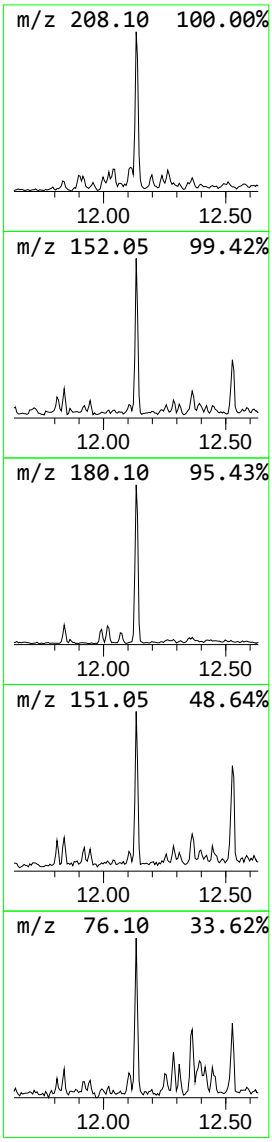
Peak Number 6 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	10.90 ng	258157	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	92
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58





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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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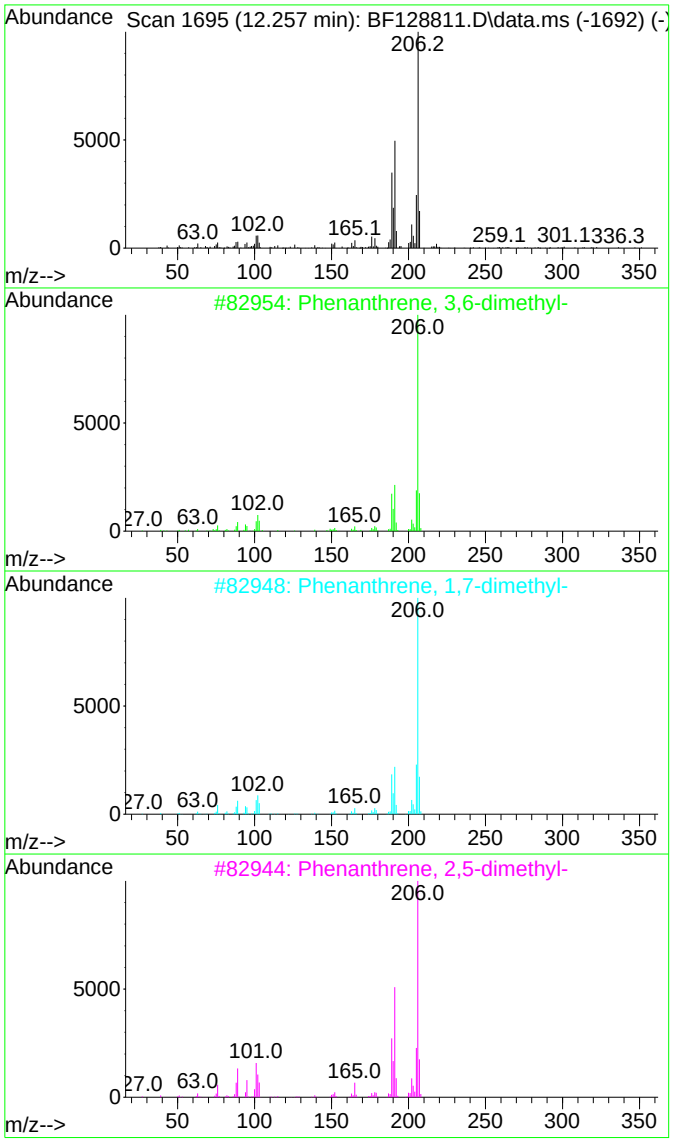
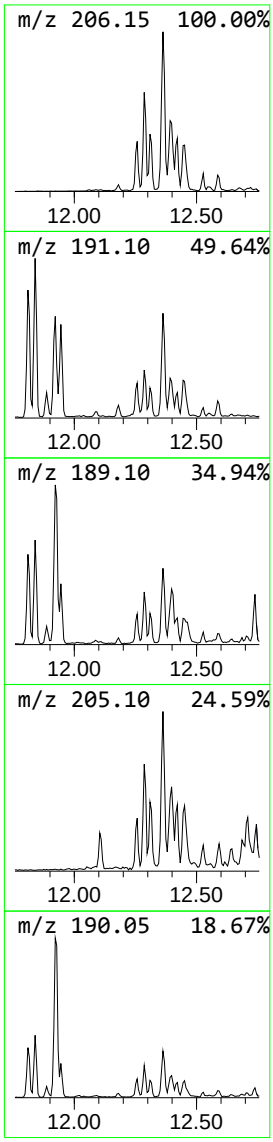
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	5.67 ng	134291	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	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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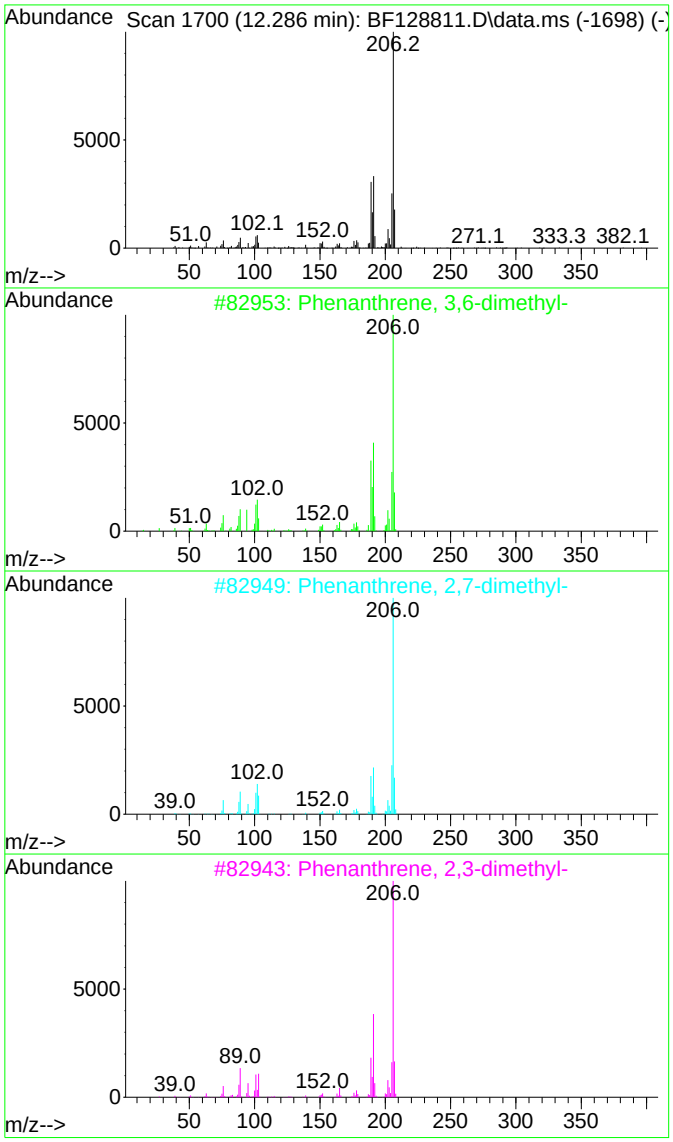
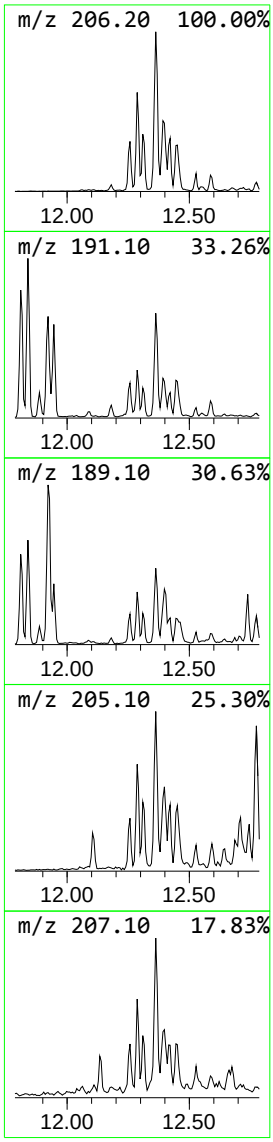
Peak Number 8 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	10.44 ng	247128	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	74





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Misc :
ALS Vial : 15 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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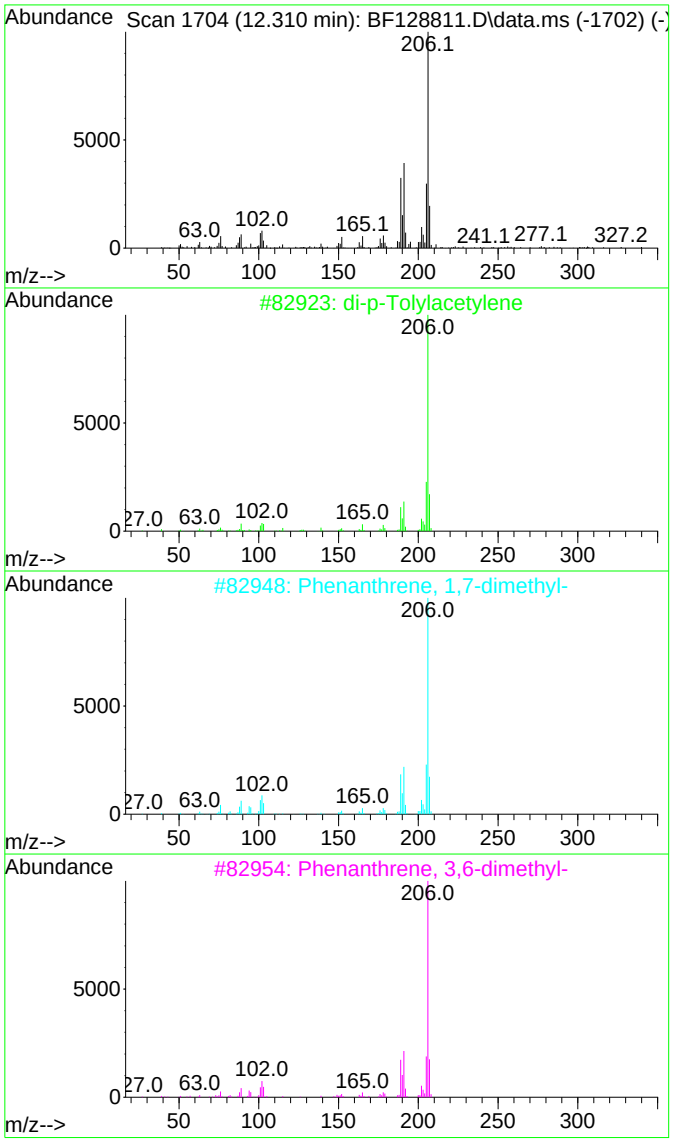
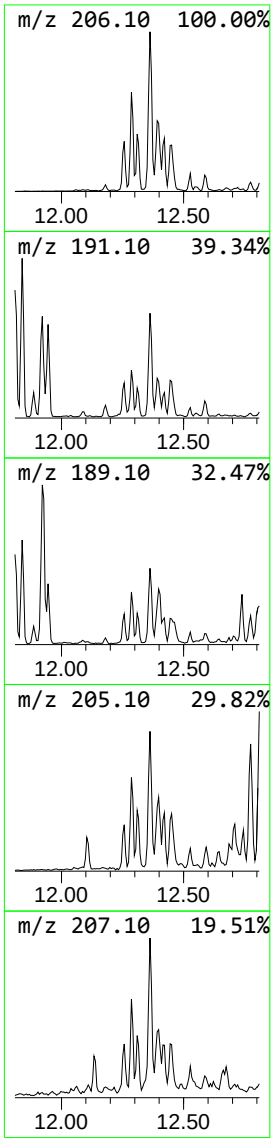
Peak Number 9 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	7.76 ng	183860	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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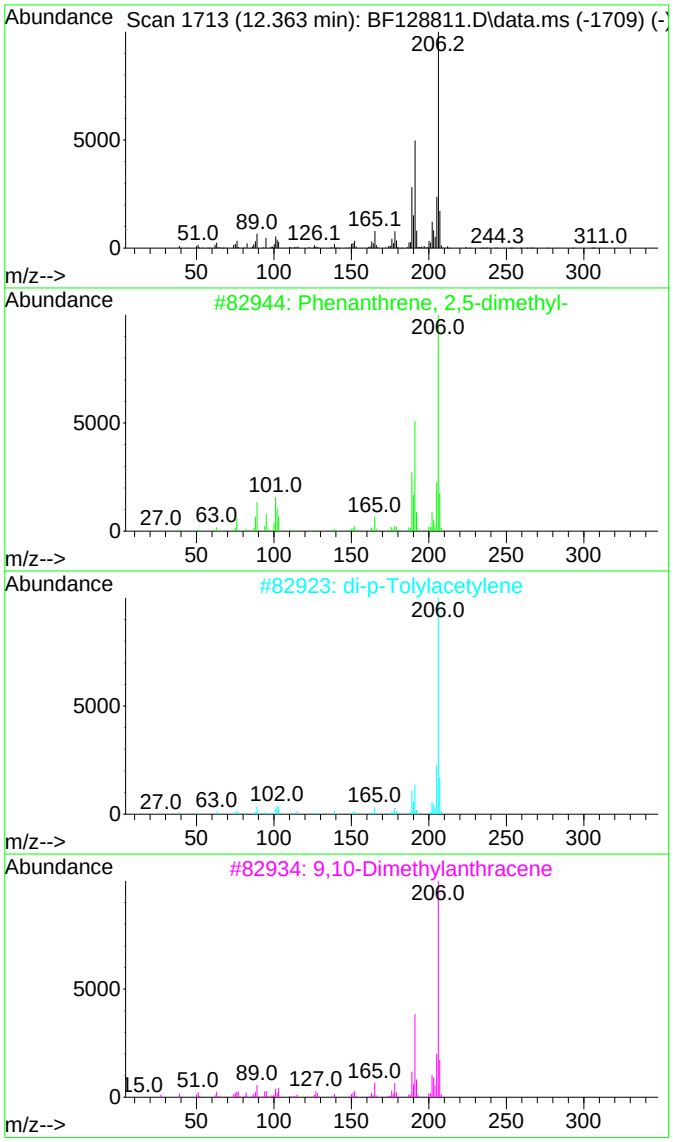
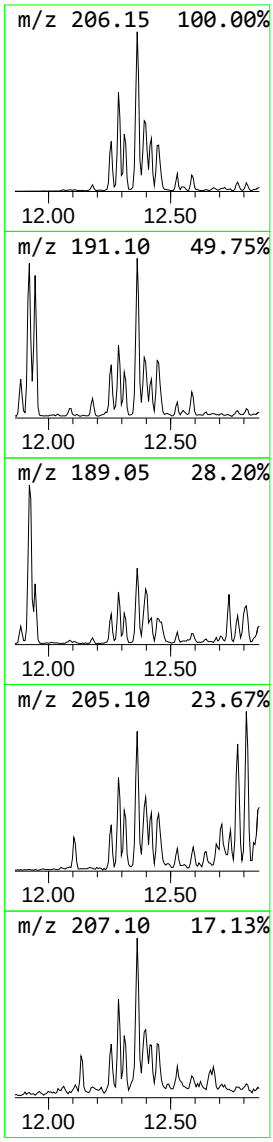
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	27.68 ng	655326	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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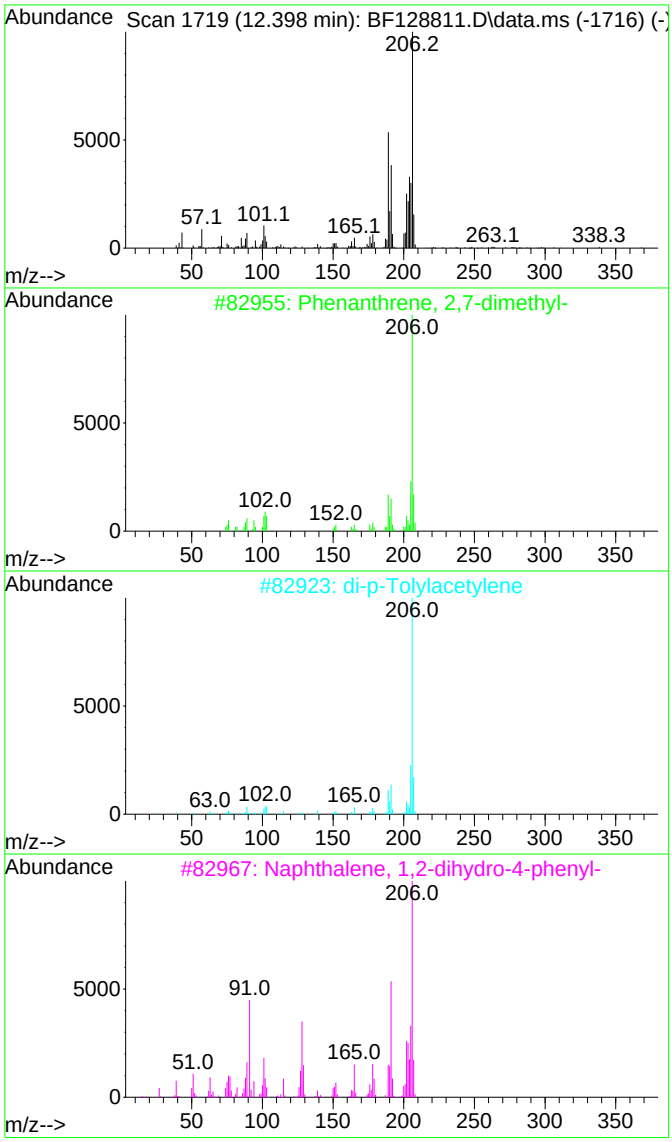
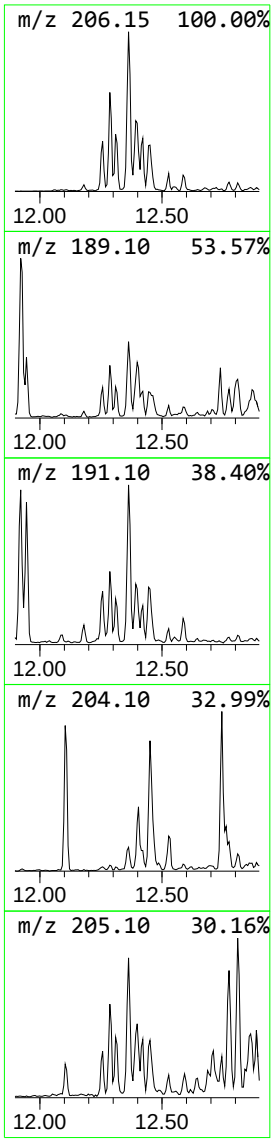
Peak Number 11 Naphthalene, 1,2-dihydro-4-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	15.14 ng	358505	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64





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Misc :
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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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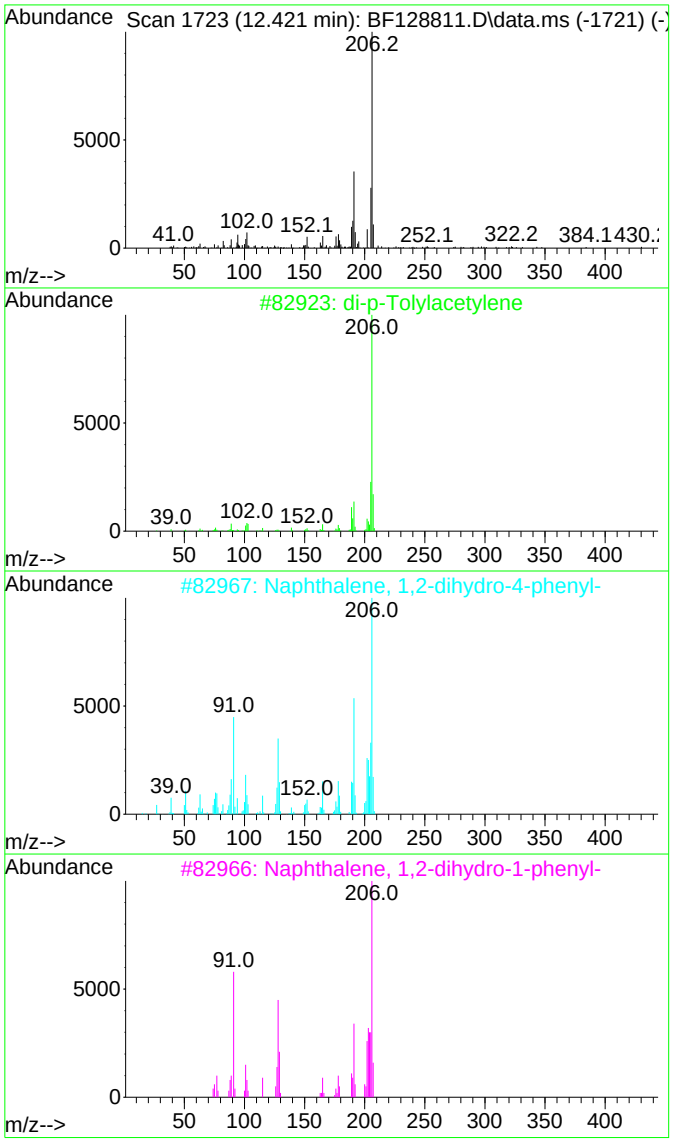
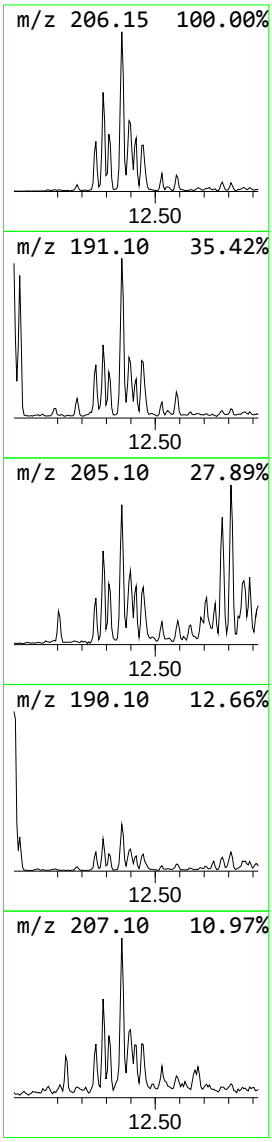
Peak Number 12 Naphthalene, 1,2-dihydro-1-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	6.06 ng	143552	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	80
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80
5	7-Methoxy-6-methyl-2,4-pteridine...	206	C8H10N6O	343347-40-0	64





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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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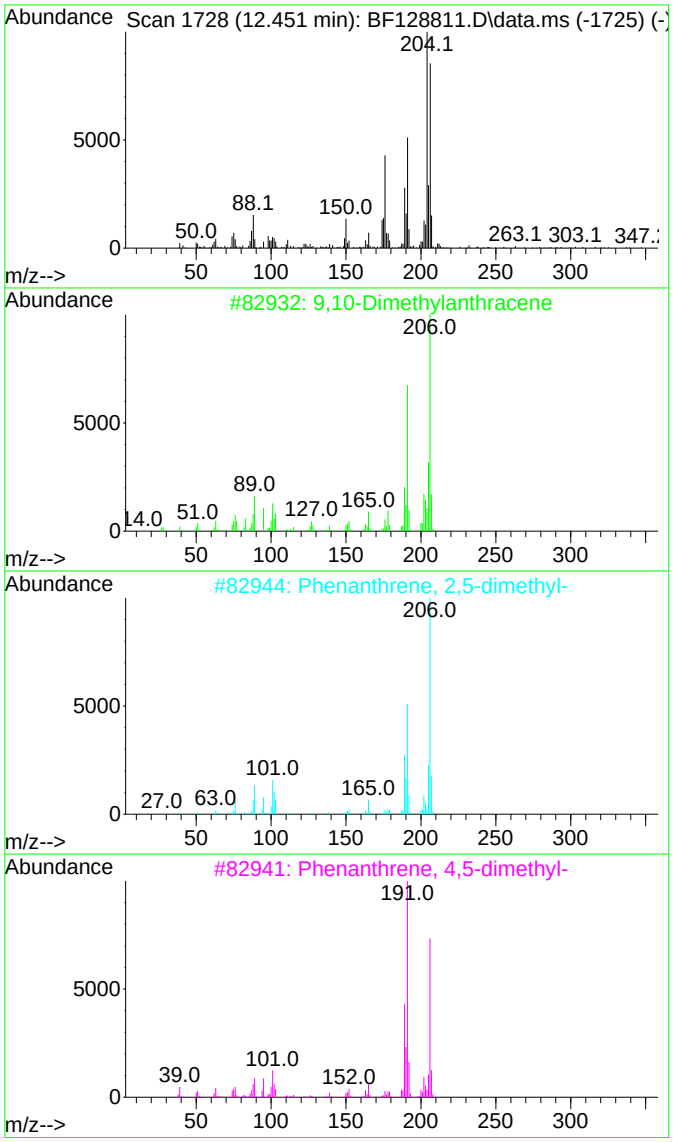
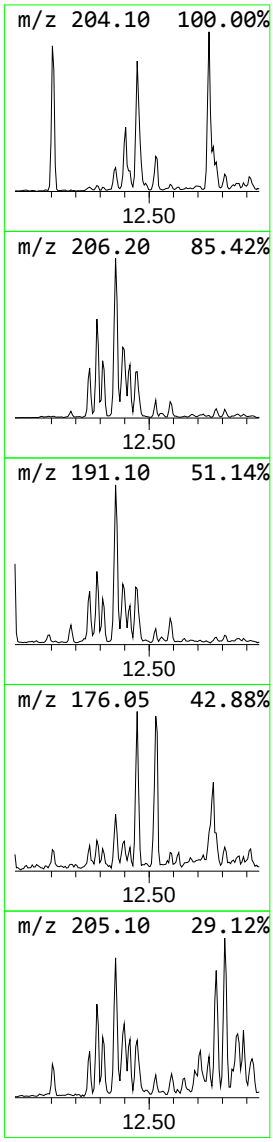
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	16.28 ng	385425	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	49





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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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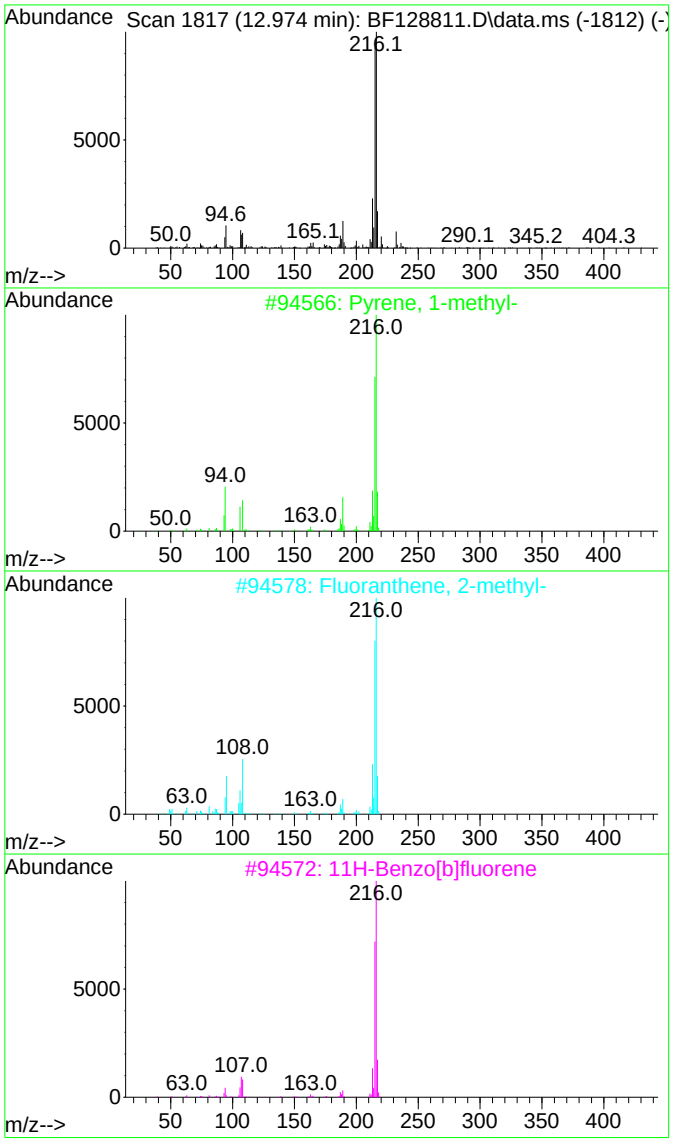
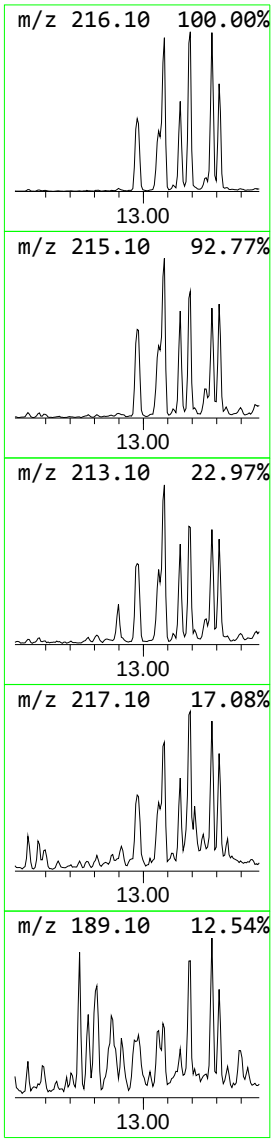
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.974	5.73 ng	556922	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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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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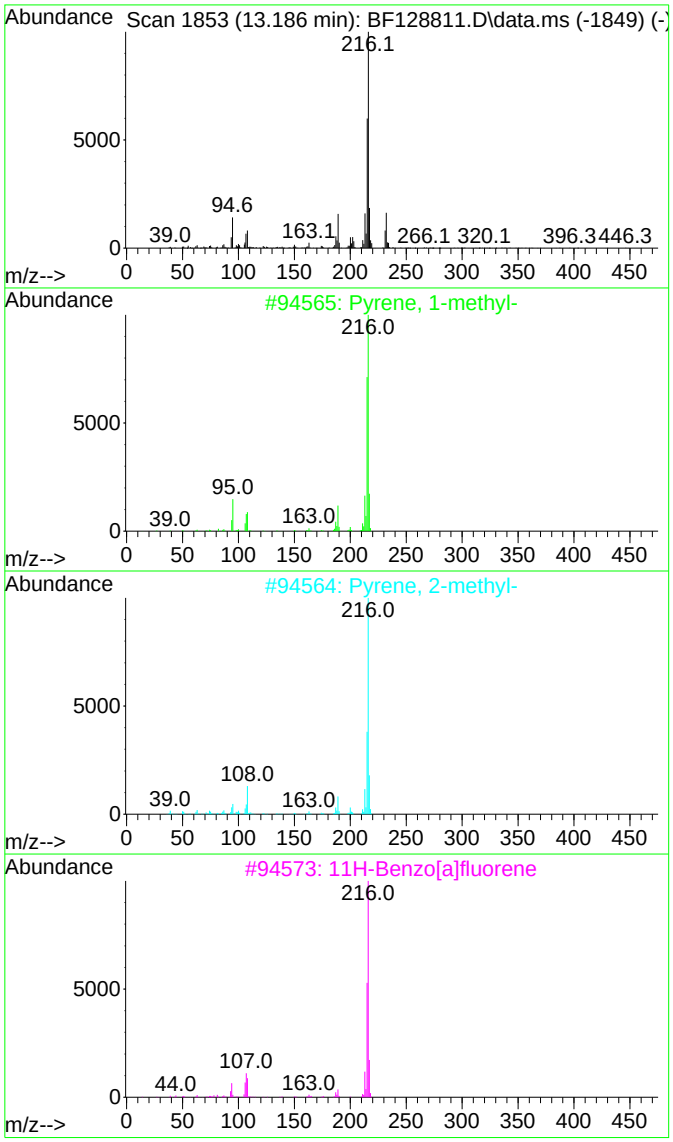
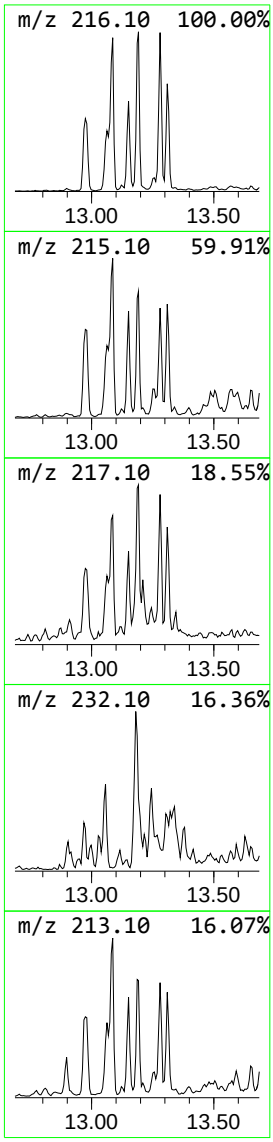
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	5.82 ng	565460	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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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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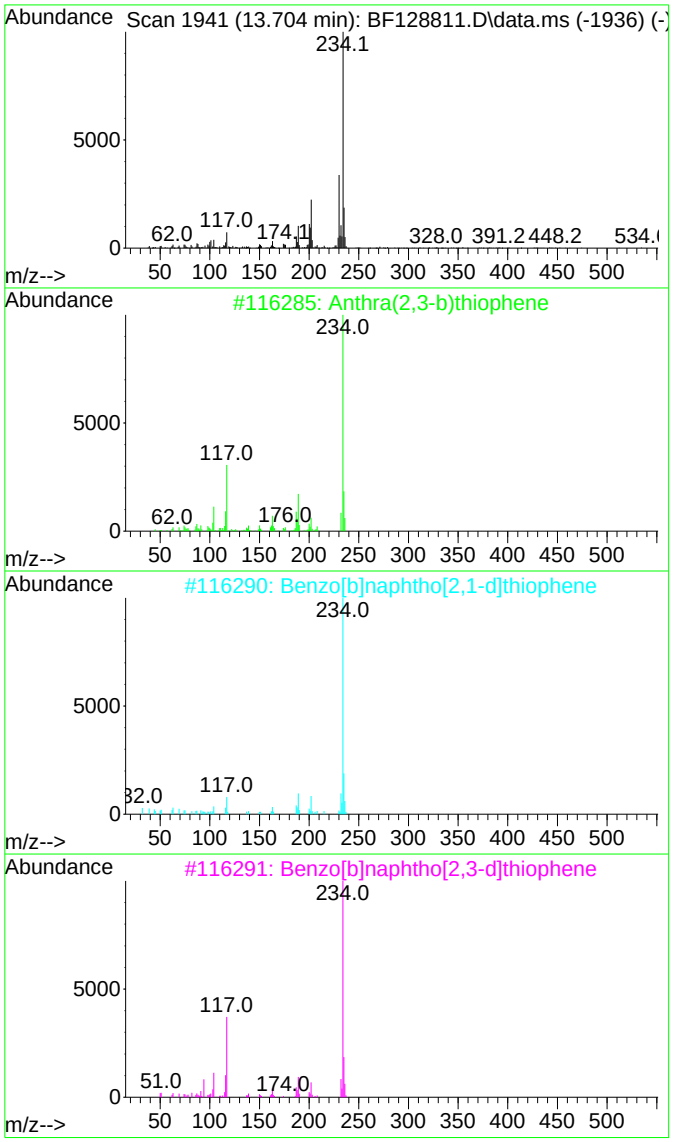
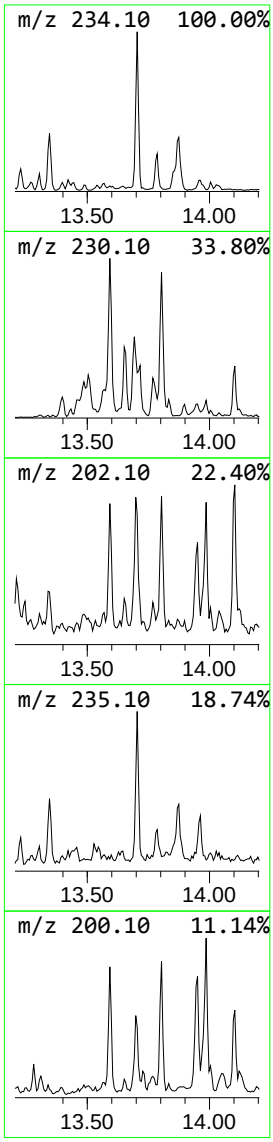
Peak Number 16 Anthra(2,3-b)thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	6.17 ng	598912	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	46
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	43





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Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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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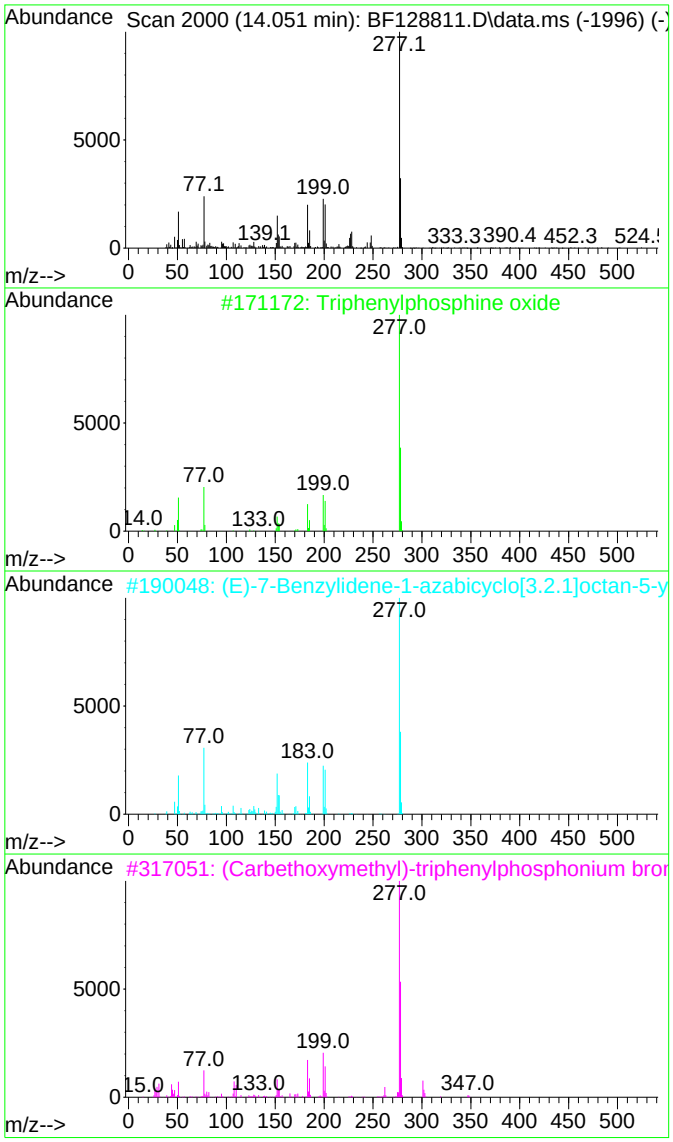
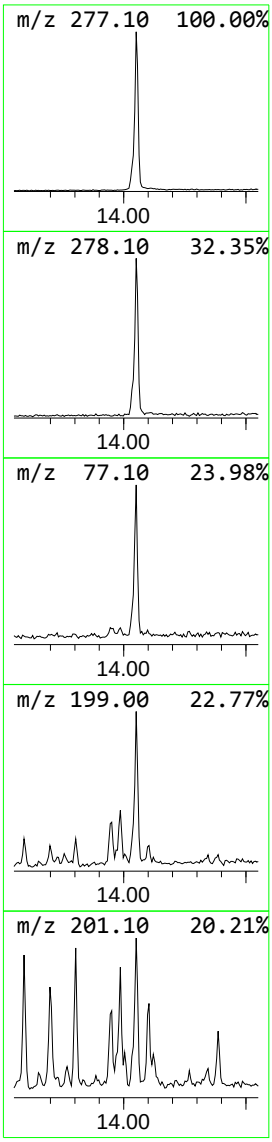
Peak Number 17 Triphenylphosphine oxide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.051	6.27 ng	609488	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	98
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	64
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	43
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	37
5	[1,2,4]Triazolo[1,5-a]pyrimidine...	278	C15H14N6	1000350-69-0	27





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Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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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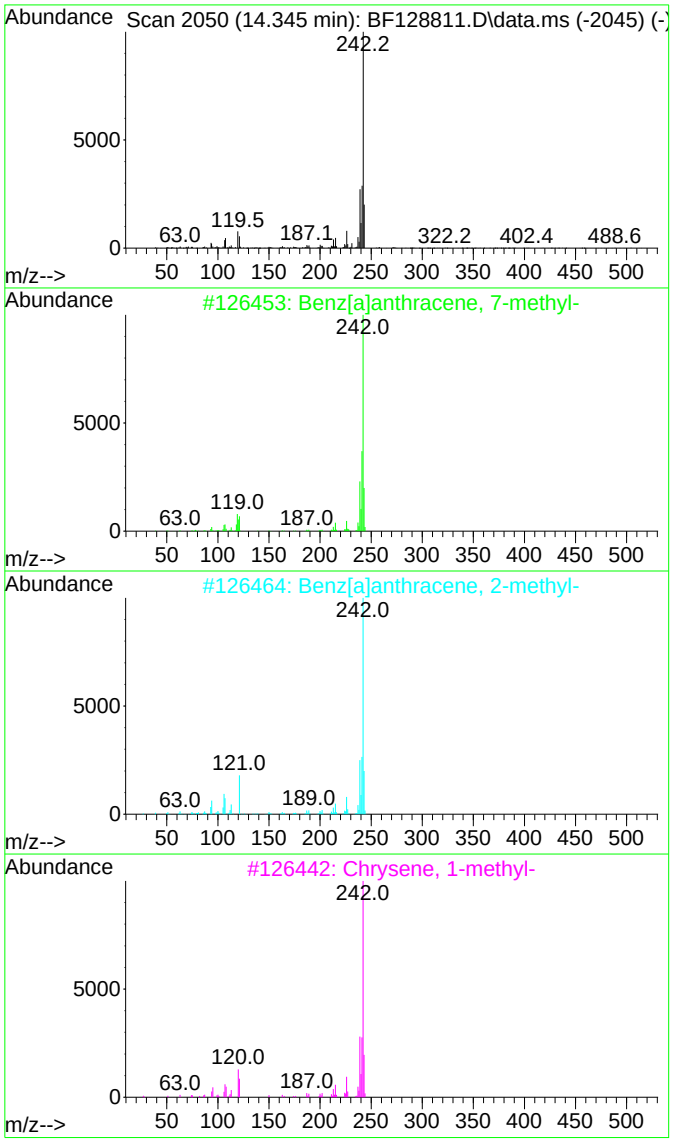
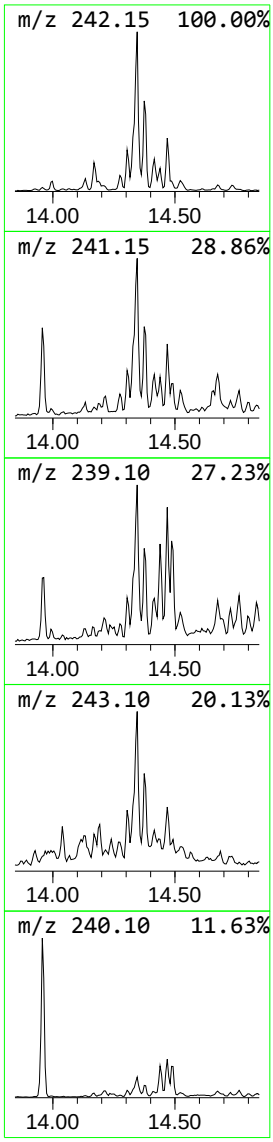
Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	6.75 ng	655478	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	2-Methylchrysene	242	C19H14	003351-32-4	91
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91





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Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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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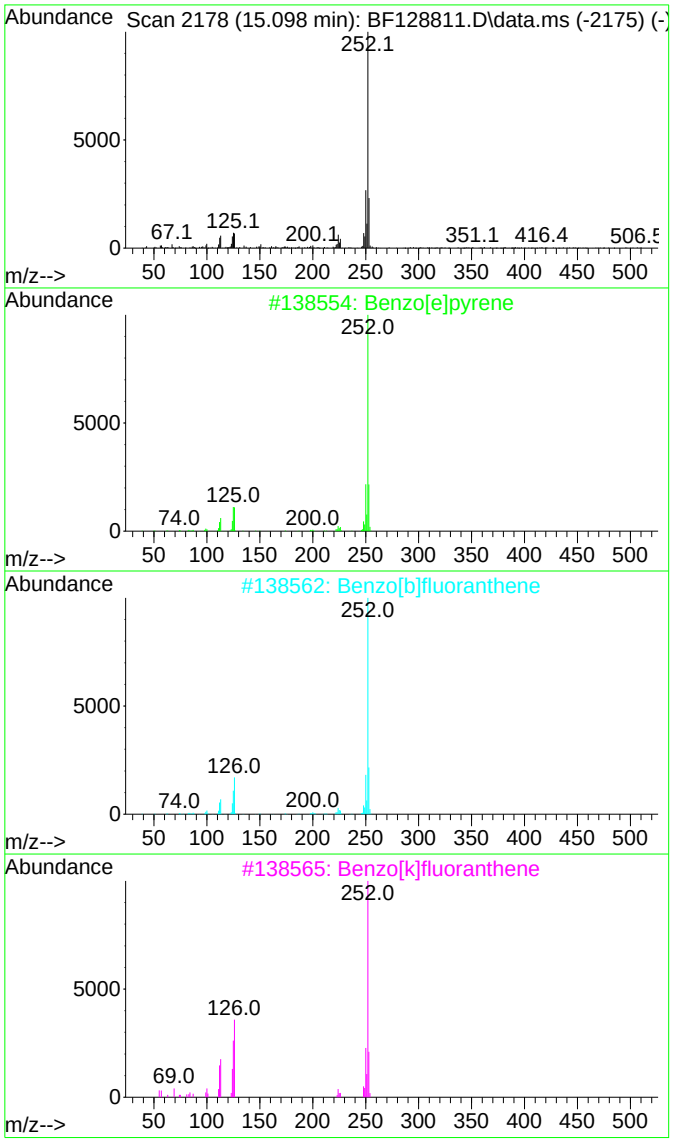
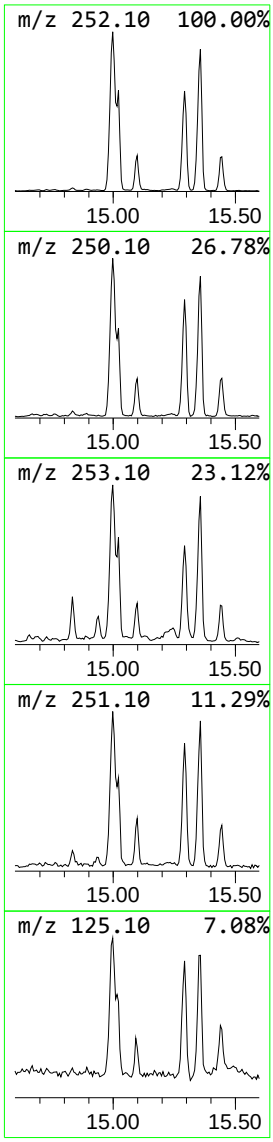
Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	10.28 ng	191538	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	76
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72





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Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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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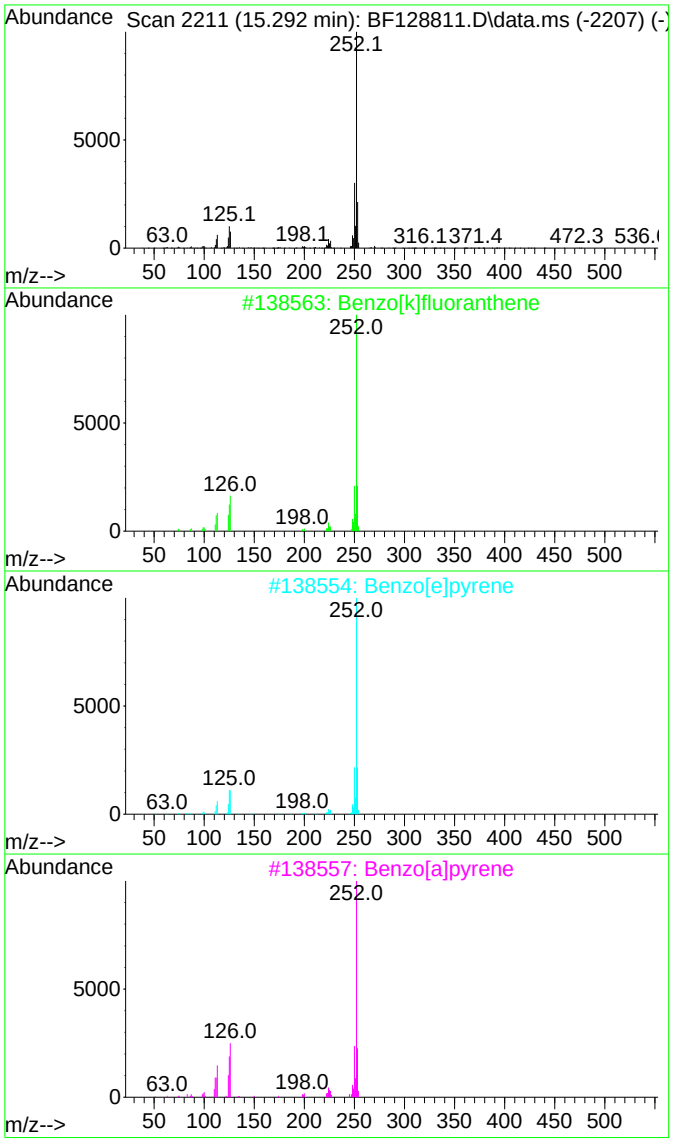
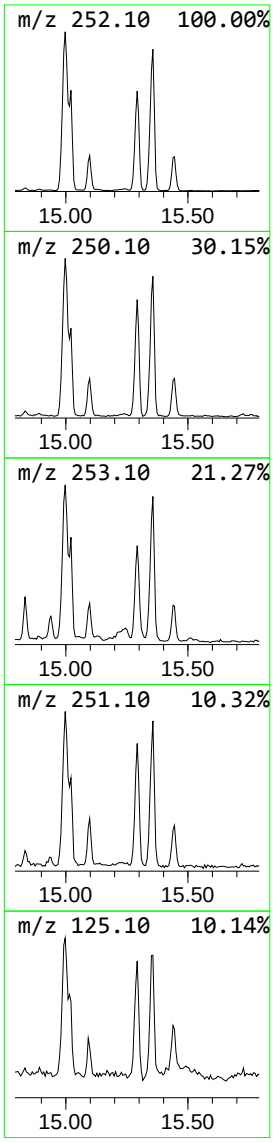
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	45.10 ng	840608	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128811.D
Acq On : 14 Jun 2022 20:44
Operator : CG\JU
Sample : N3327-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3

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
Phenanthrene, 4...	11.810	21.8	ng	515828	4	11.310	473564	20.0
Phenanthrene, 1...	11.839	26.4	ng	625947	4	11.310	473564	20.0
4H-Cyclopenta[d...	11.922	26.4	ng	626104	4	11.310	473564	20.0
1H-Cyclopropa[l...	11.945	13.7	ng	323961	4	11.310	473564	20.0
Naphthalene, 2-...	12.104	9.9	ng	234316	4	11.310	473564	20.0
9,10-Anthracene...	12.133	10.9	ng	258157	4	11.310	473564	20.0
Phenanthrene, 3...	12.257	5.7	ng	134291	4	11.310	473564	20.0
Phenanthrene, 2...	12.286	10.4	ng	247128	4	11.310	473564	20.0
di-p-Tolylacety...	12.310	7.8	ng	183860	4	11.310	473564	20.0
Phenanthrene, 2...	12.363	27.7	ng	655326	4	11.310	473564	20.0
Naphthalene, 1,...	12.398	15.1	ng	358505	4	11.310	473564	20.0
Naphthalene, 1,...	12.422	6.1	ng	143552	4	11.310	473564	20.0
9,10-Dimethylan...	12.451	16.3	ng	385425	4	11.310	473564	20.0
Pyrene, 1-methyl-	12.974	5.7	ng	556922	5	13.957	1942660	20.0
Pyrene, 2-methyl-	13.186	5.8	ng	565460	5	13.957	1942660	20.0
Anthra(2,3-b)th...	13.704	6.2	ng	598912	5	13.957	1942660	20.0
Triphenylphosph...	14.051	6.3	ng	609488	5	13.957	1942660	20.0
Benz[a]anthrace...	14.345	6.8	ng	655478	5	13.957	1942660	20.0
Benzo[e]pyrene	15.098	10.3	ng	191538	6	15.415	372765	20.0
Perylene	15.292	45.1	ng	840608	6	15.415	372765	20.0