LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139726.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.922	299	311	318	rBV	16776	31466	1.71%	0.147%
2	5.069	500	506	523	rVB	369967	517197	28.05%	2.424%
3	5.340	548	552	557	rBV	23849	30187	1.64%	0.141%
4	5.451	563	571	574	rBV	23502	43807	2.38%	0.205%
5	5.481	574	576	586	rVB	21076	30527	1.66%	0.143%
6	6.493	744	748	756	rBV	113165	163506	8.87%	0.766%
7	6.863	806	811	816	rBV	398219	487850	26.46%	2.287%
8	7.275	873	881	889	rBV	21064	35075	1.90%	0.164%
9	7.422	898	906	911	rBV	173509	220304	11.95%	1.033%
10	7.804	966	971	980	rBV2	15500	25788	1.40%	0.121%
11	7.934	988	993	1001	rVB	13012	21486	1.17%	0.101%
12	8.145	1024	1029	1037	rVB2	511298	802470	43.52%	3.761%
13	8.504	1085	1090	1097	rBV2	14266	21827	1.18%	0.102%
14	8.857	1146	1150	1156	rVB	53135	65641	3.56%	0.308%
15	8.957	1163	1167	1172	rBV	52896	62186	3.37%	0.291%
16	9.216	1207	1211	1220	rVB	247724	312730	16.96%	1.466%
17	9.322	1226	1229	1234	rVB	15484	20101	1.09%	0.094%
18	9.416	1241	1245	1252	rVB	13000	19020	1.03%	0.089%
19	9.486	1252	1257	1262	rBV	30903	49234	2.67%	0.231%
20	9.557	1262	1269	1272	rVV	61418	89477	4.85%	0.419%
21	9.586	1272	1274	1279	rVV	30052	33482	1.82%	0.157%
22	9.675	1282	1289	1297	rVV2	29452	55567	3.01%	0.260%
23	9.757	1297	1303	1308	rVB	32118	42638	2.31%	0.200%
24	9.898	1318	1327	1331	rBV	544216	743505	40.32%	3.485%
25	9.933	1331	1333	1337	rVV	199527	202423	10.98%	0.949%
26	10.057	1349	1354	1357	rBV2	28124	40838	2.21%	0.191%
27	10.104	1357	1362	1366	rBV2	104827	134603	7.30%	0.631%
28	10.139	1366	1368	1377	rVB	28748	34997	1.90%	0.164%
29	10.216	1377	1381	1384	rBV3	33982	52141	2.83%	0.244%
30	10.245	1384	1386	1391	rVB2	19399	21225	1.15%	0.099%
31	10.304	1391	1396	1403	rVB3	28697	62838	3.41%	0.295%
32	10.445	1415	1420	1425	rBV	206052	269805	14.63%	1.265%
33	10.516	1425	1432	1433	rBV2	43581	79476	4.31%	0.373%
34	10.610	1443	1448	1452	rVB3	101114	156982	8.51%	0.736%
35	10.686	1452	1461	1465	rBV	65597	111794	6.06%	0.524%
36	10.733	1465	1469	1473	rVB2	16742	28198	1.53%	0.132%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.810	1473	1482	1488	rVB4	25313	52369	2.84%	0.245%
38	10.886	1488	1495	1498	rBV3	17616	34288	1.86%	0.161%
39	10.992	1507	1513	1516	rBV3	70317	123806	6.71%	0.580%
40	11.022	1516	1518	1522	rVB2	33051	37696	2.04%	0.177%
41	11.080	1524	1528	1530	rVB	28620	36471	1.98%	0.171%
42	11.122	1530	1535	1537	rBV2	30903	52371	2.84%	0.245%
43	11.192	1544	1547	1551	rVB3	20657	24976	1.35%	0.117%
44	11.239	1551	1555	1559	rVV3	48657	81468	4.42%	0.382%
45	11.286	1559	1563	1568	rVB	82156	111809	6.06%	0.524%
46	11.392	1575	1581	1582	rBV	476294	647107	35.10%	3.033%
47	11.416	1582	1585	1589	rVV	1411564	1756191	95.25%	8.232%
48	11.463	1589	1593	1597	rVV	371979	485667	26.34%	2.276%
49	11.498	1597	1599	1604	rVB2	45011	54342	2.95%	0.255%
50	11.622	1615	1620	1626	rVV	86974	131446	7.13%	0.616%
51	11.680	1626	1630	1634	rVV2	47689	63546	3.45%	0.298%
52	11.722	1634	1637	1641	rVB2	26965	35175	1.91%	0.165%
53	11.798	1648	1650	1655	rVB	15758	19841	1.08%	0.093%
54	11.892	1660	1666	1668	rBV	208408	309277	16.77%	1.450%
55	11.916	1668	1670	1675	rVV	273014	332015	18.01%	1.556%
56	11.963	1675	1678	1681	rVV	125892	167611	9.09%	0.786%
57	12.004	1681	1685	1693	rVB2	365116	659088	35.75%	3.089%
58	12.075	1693	1697	1703	rBV6	26584	57558	3.12%	0.270%
59	12.186	1712	1716	1719	rBV	116277	141023	7.65%	0.661%
60	12.333	1736	1741	1744	rBV	63693	95985	5.21%	0.450%
61	12.363	1744	1746	1749	rVV	24387	29946	1.62%	0.140%
62	12.439	1755	1759	1762	rBV	112064	156572	8.49%	0.734%
63	12.474	1762	1765	1771	rVB2	77481	133065	7.22%	0.624%
64	12.527	1771	1774	1782	rVB3	54196	100224	5.44%	0.470%
65	12.604	1782	1787	1792	rBV	1295641	1693024	91.82%	7.936%
66	12.639	1792	1793	1796	rVB2	22581	20988	1.14%	0.098%
67	12.757	1810	1813	1816	rVB	30269	33791	1.83%	0.158%
68	12.833	1819	1826	1832	rBV	1177058	1843791	100.00%	8.642%
69	12.880	1832	1834	1839	rVB2	70153	87790	4.76%	0.411%
70	12.969	1842	1849	1857	rVB3	169837	360816	19.57%	1.691%
71	13.045	1857	1862	1870	rBV5	102988	221104	11.99%	1.036%
72	13.157	1874	1881	1885	rVB2	199942	343077	18.61%	1.608%
73	13.227	1889	1893	1896	rBV	164575	208442	11.31%	0.977%
74	13.263	1896	1899	1902	rVB2	97137	108807	5.90%	0.510%
75	13.357	1911	1915	1917	rBV	70664	89168	4.84%	0.418%
76	13.386	1917	1920	1928	rVB2	84710	120735	6.55%	0.566%

LSC Area Percent Report

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Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.780	1983	1987	1989	rBV	58107	88382	4.79%	0.414%
78	13.804	1989	1991	1994	rVV	51808	62817	3.41%	0.294%
79	14.021	2022	2028	2032	rBV2	721879	1343950	72.89%	6.299%
80	14.057	2032	2034	2041	rVB	493162	561507	30.45%	2.632%
81	14.133	2044	2047	2051	rVV	84620	101182	5.49%	0.474%
82	14.416	2091	2095	2098	rBV	91039	117198	6.36%	0.549%
83	15.074	2202	2207	2216	rBV	398628	907698	49.23%	4.255%
84	15.180	2222	2225	2229	rVB	74264	90789	4.92%	0.426%
85	15.380	2254	2259	2264	rVB	233095	360618	19.56%	1.690%
86	15.439	2264	2269	2275	rVB	376071	572508	31.05%	2.683%
87	15.504	2275	2280	2284	rBV	283587	479158	25.99%	2.246%
88	16.974	2525	2530	2540	rVB2	120949	259594	14.08%	1.217%
89	17.421	2601	2606	2618	rVB	90694	206532	11.20%	0.968%

Sum of corrected areas: 21334790

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
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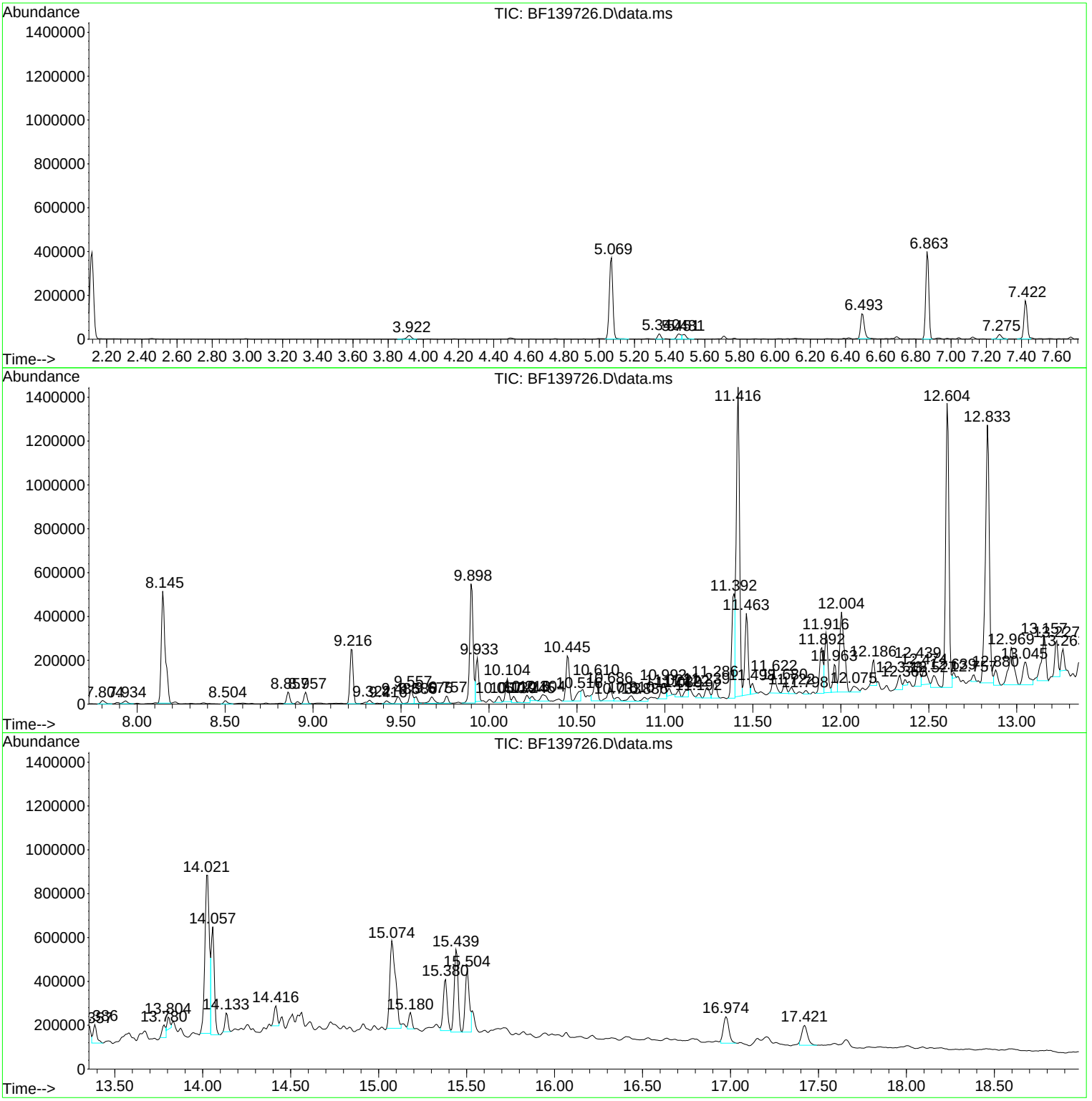
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

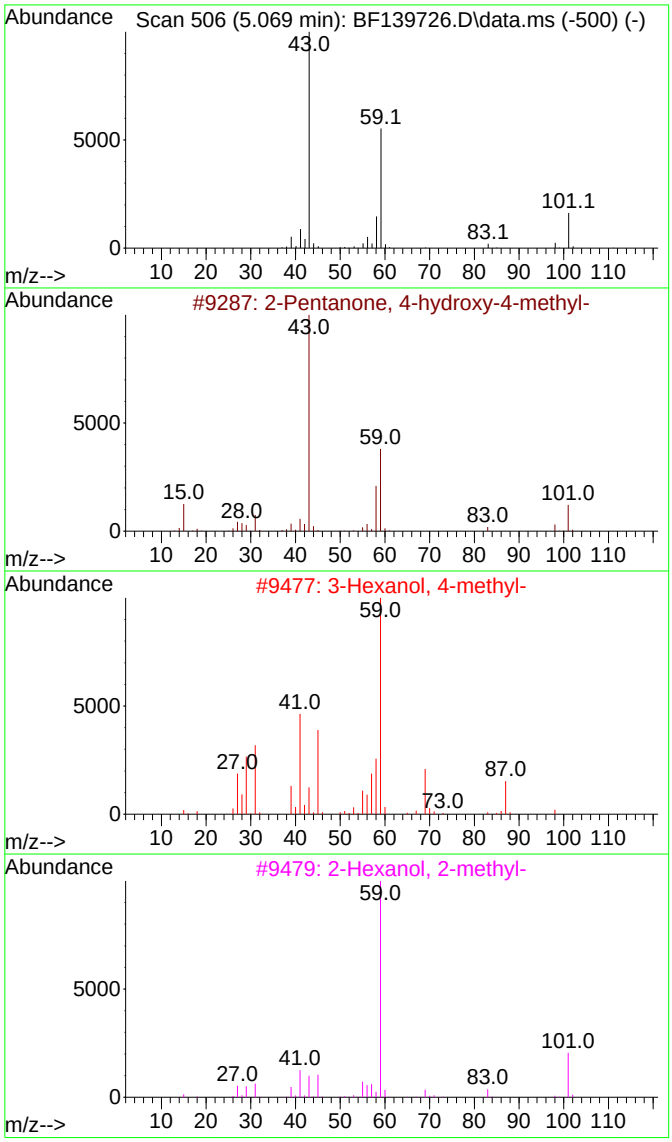
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

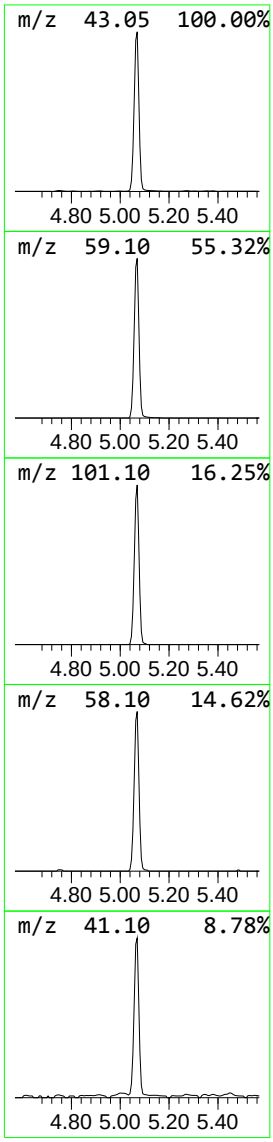
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	21.20 ng	517197	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

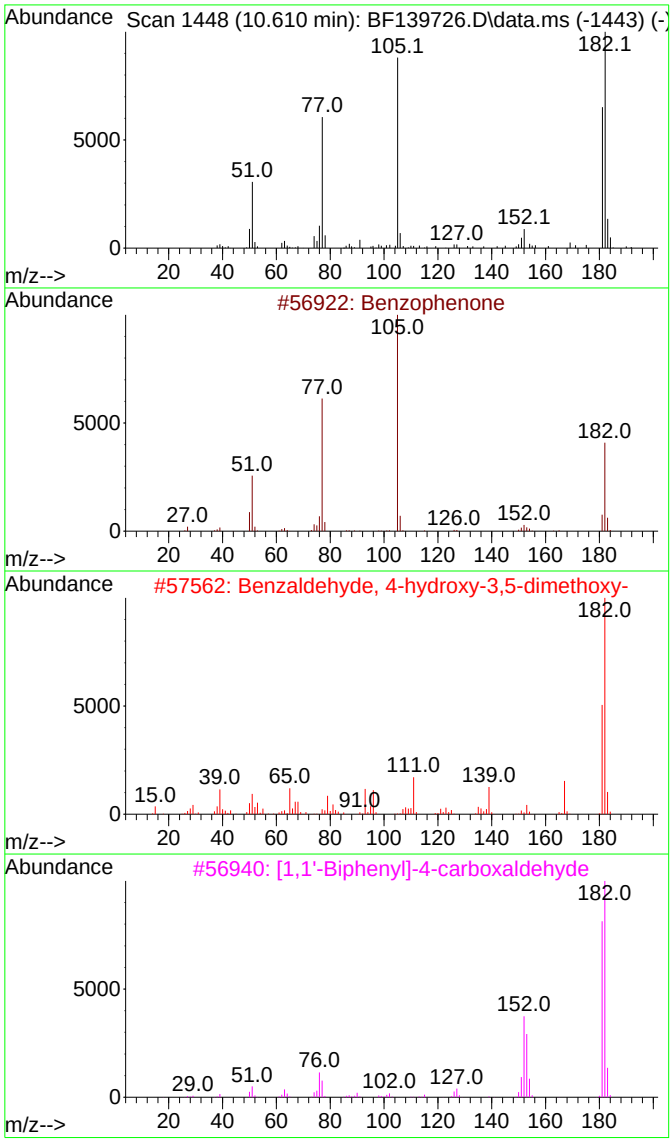
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

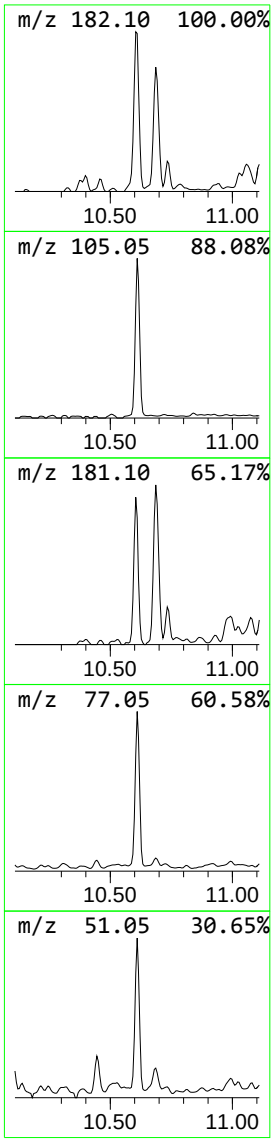
****

Peak Number 2 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	4.22 ng	156982	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	49
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
4	3-Mercaptobenzoic acid, S-methyl...	182	C9H10O2S	090721-40-7	38
5	9H-Xanthene	182	C13H10O	000092-83-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

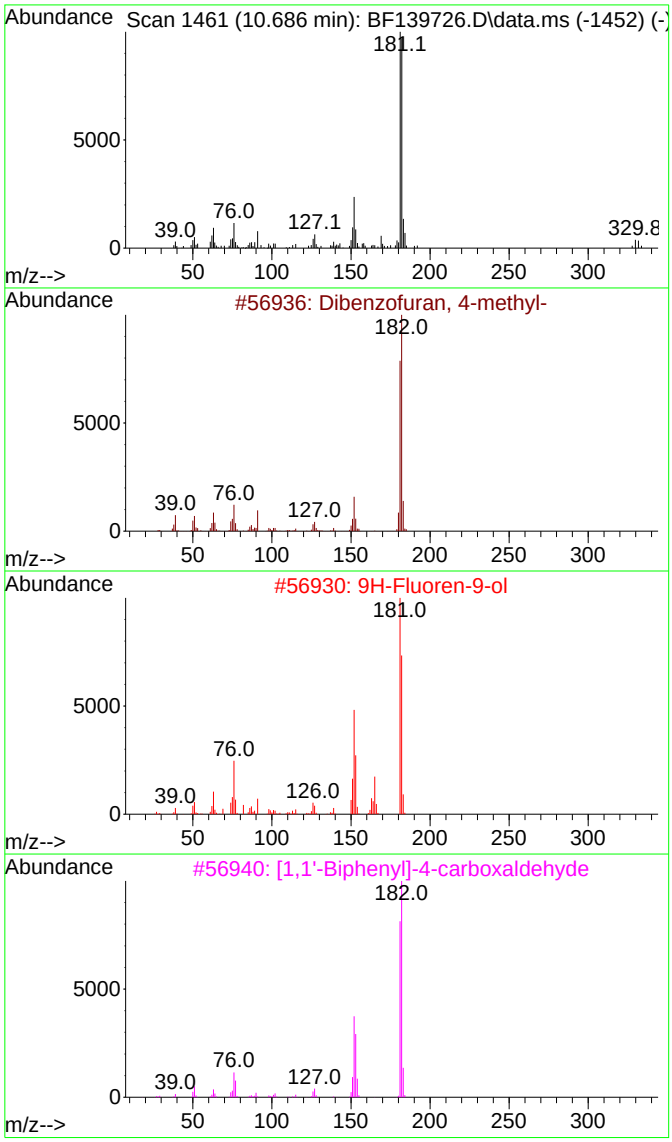
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

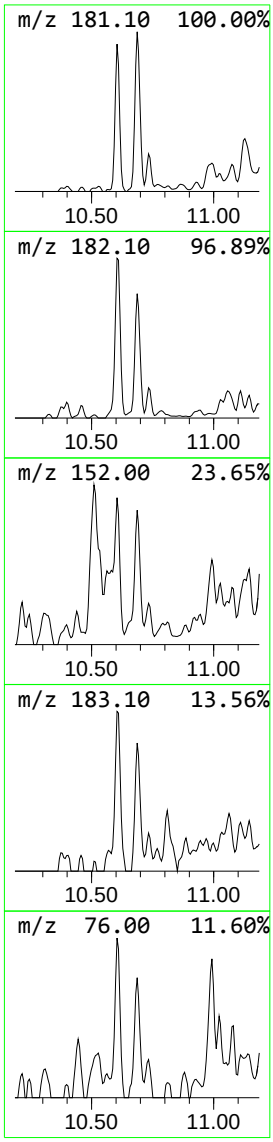
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.686	3.46 ng	111794	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

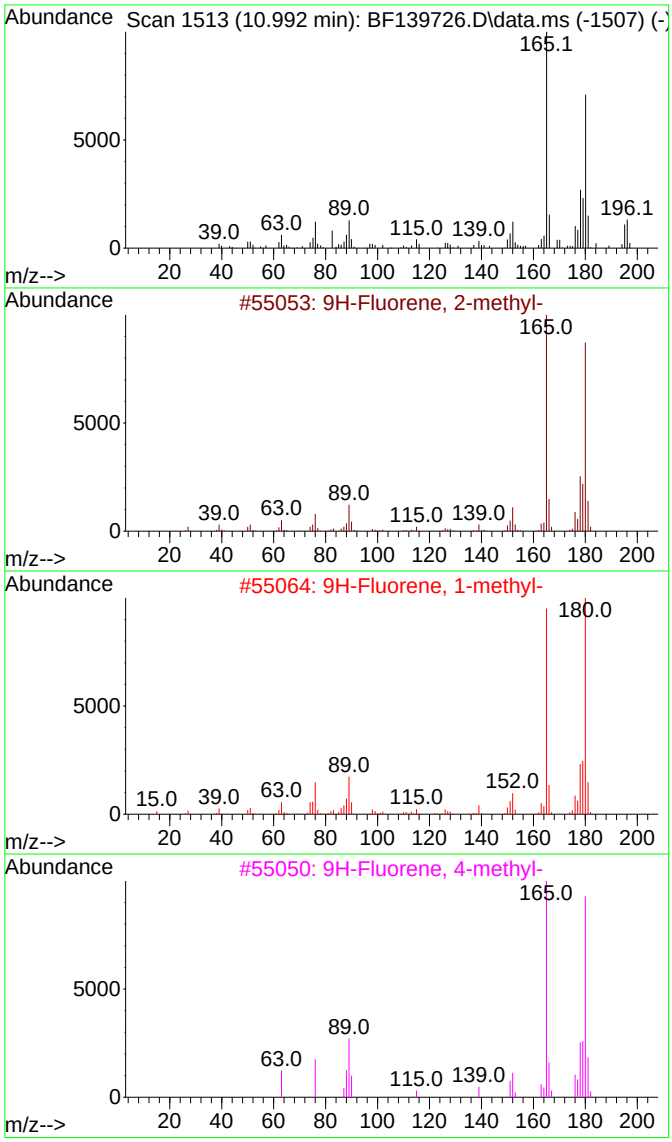
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

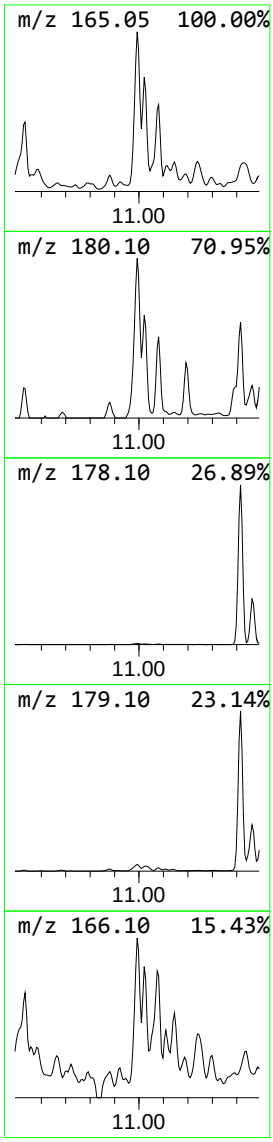
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	3.83 ng	123806	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

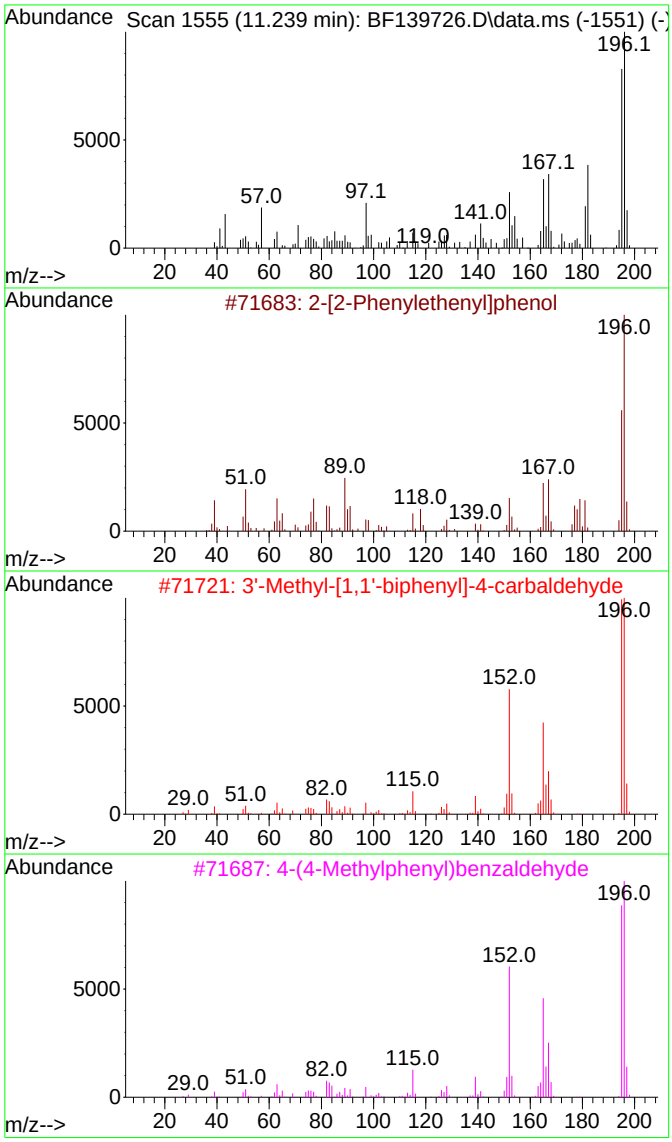
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

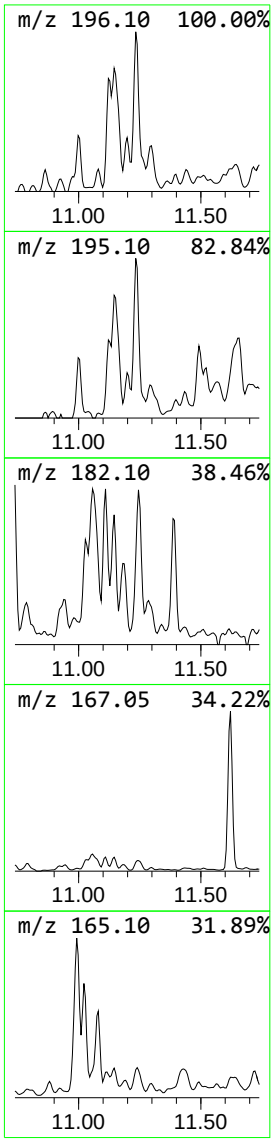
****

Peak Number 5 2-[2-Phenylethenyl]phenol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	2.52 ng	81468	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	89
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	83
3	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	64
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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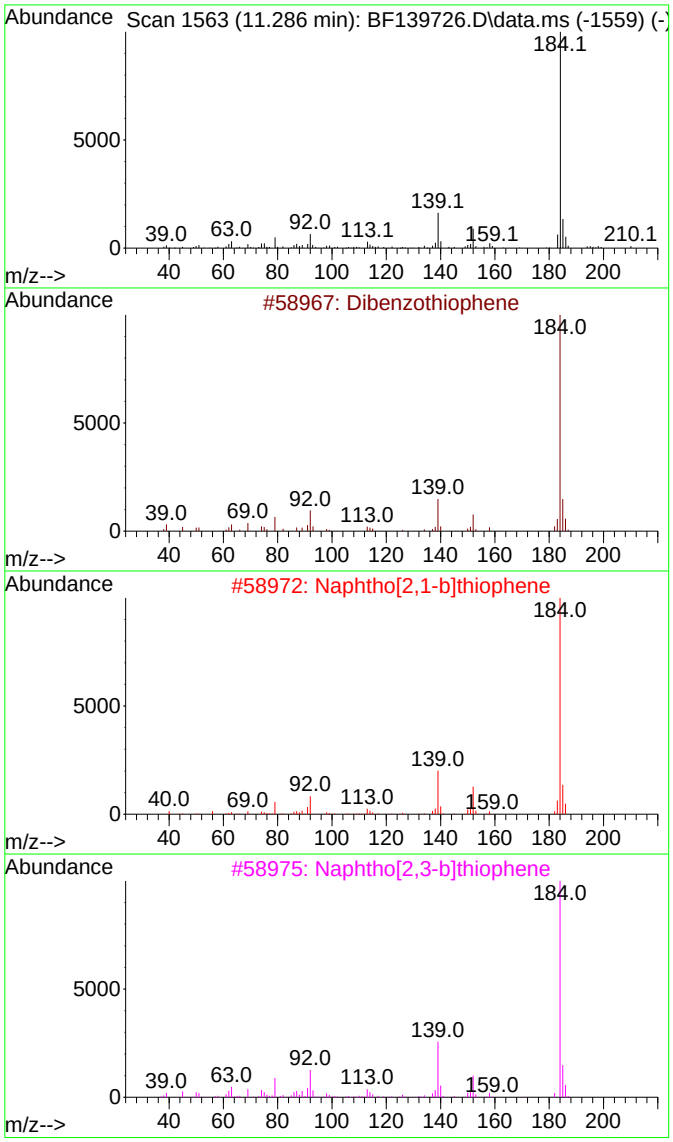
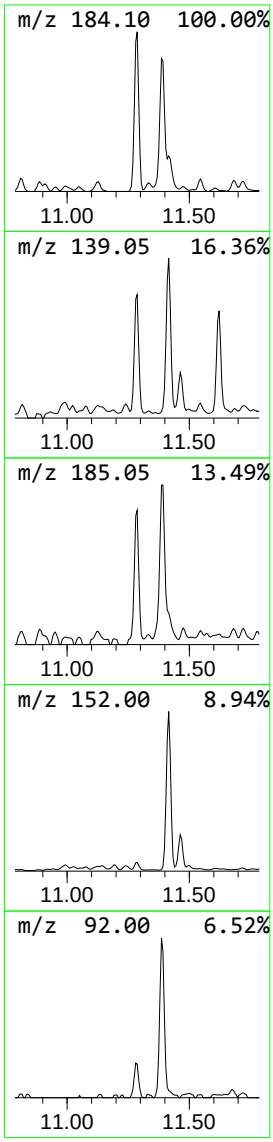
Peak Number 6 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	3.46 ng	111809	Phenanthrene-d10	11.386

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	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

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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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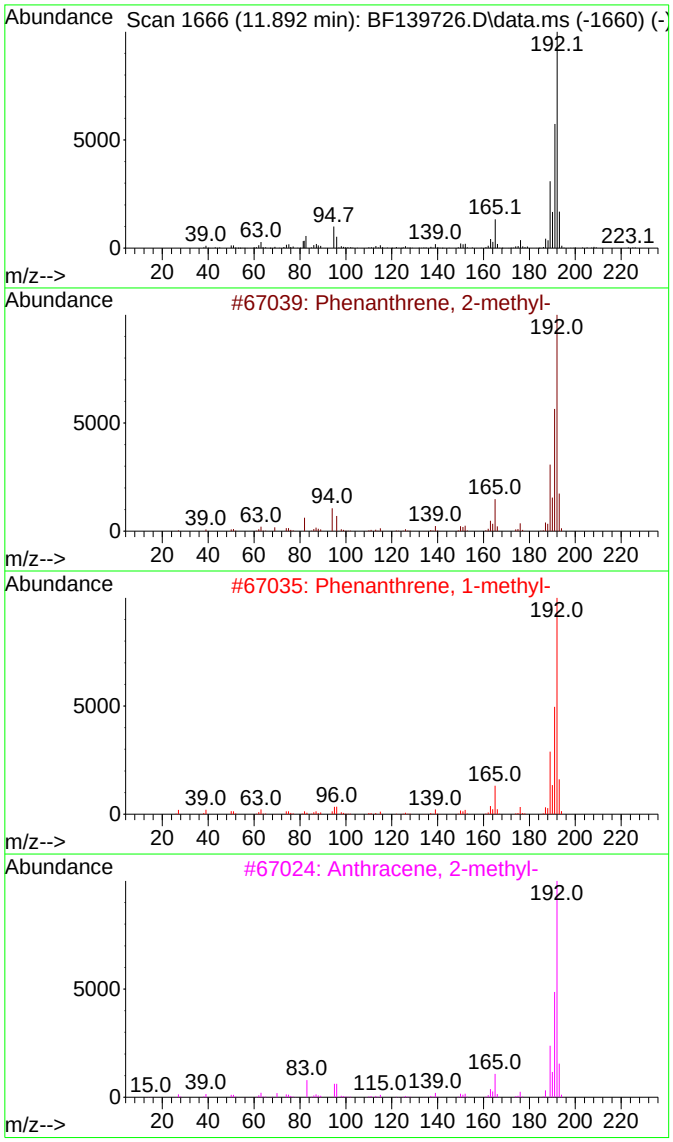
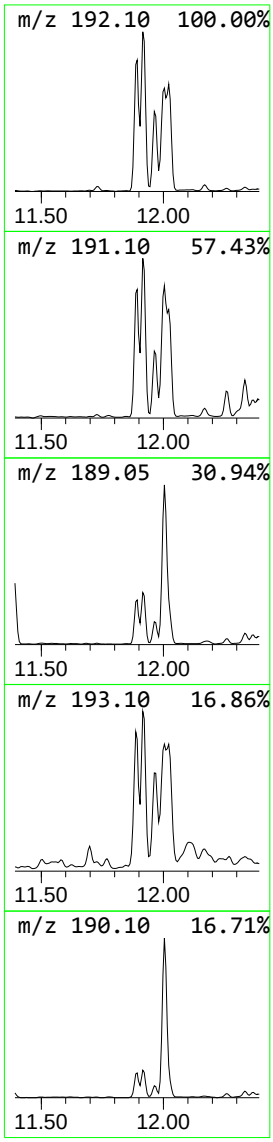
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	9.56 ng	309277	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
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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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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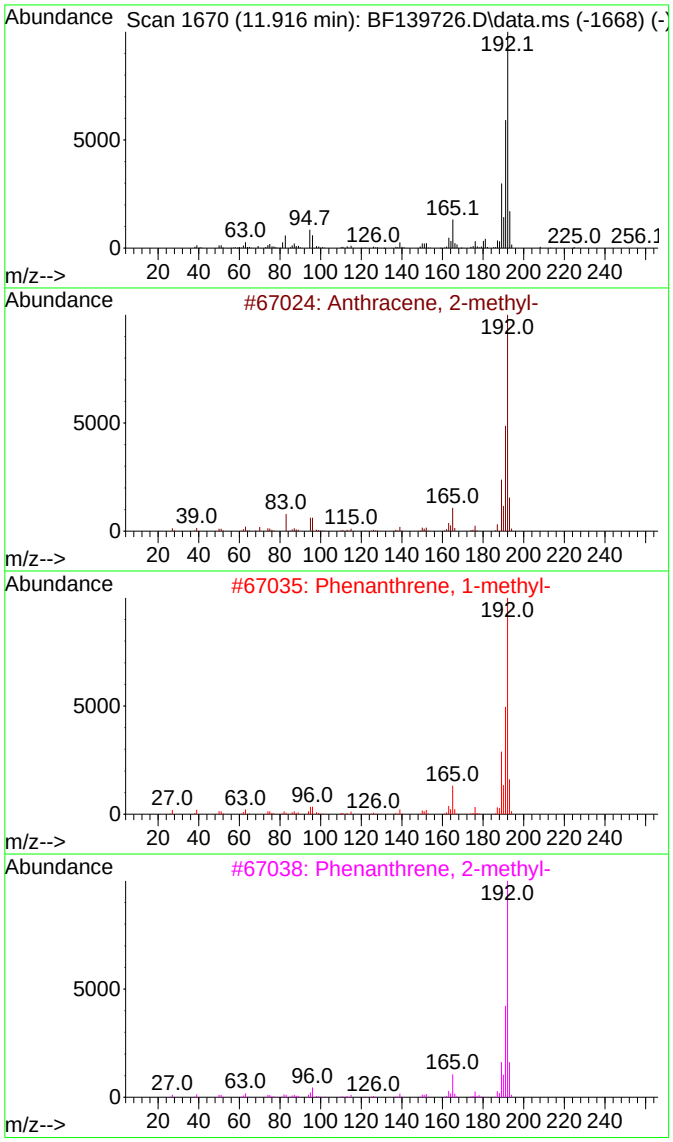
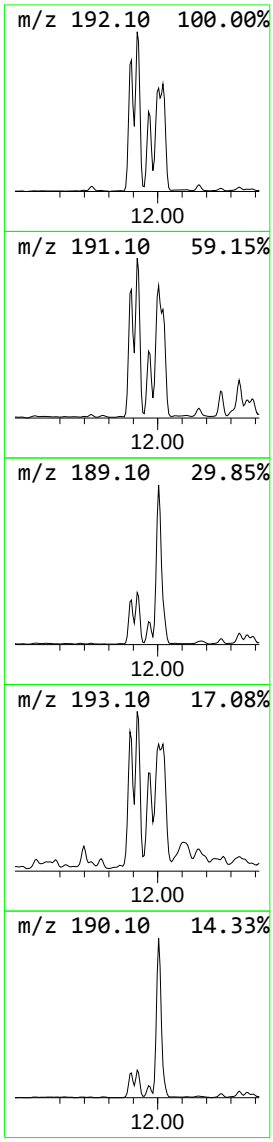
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	10.26 ng	332015	Phenanthrene-d10	11.386

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





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Misc :
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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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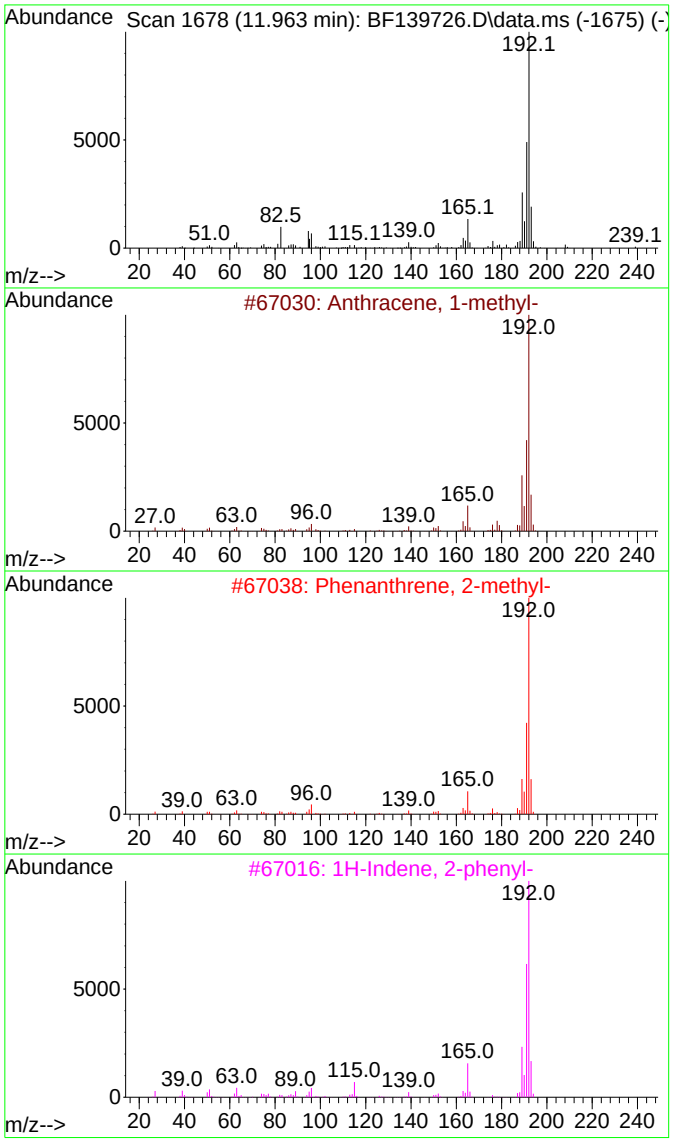
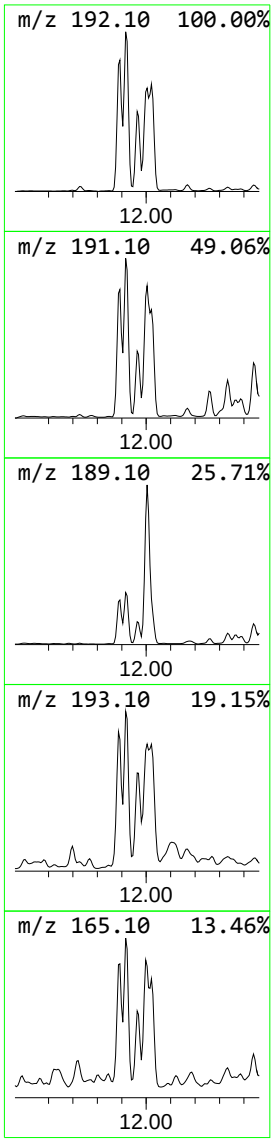
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	5.18 ng	167611	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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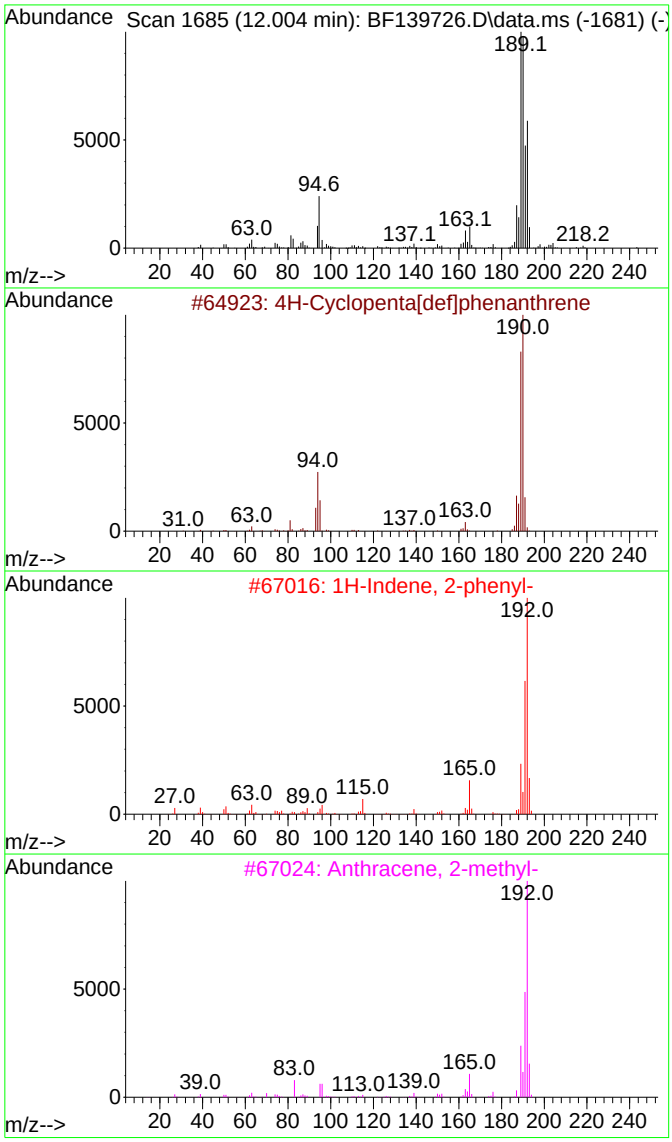
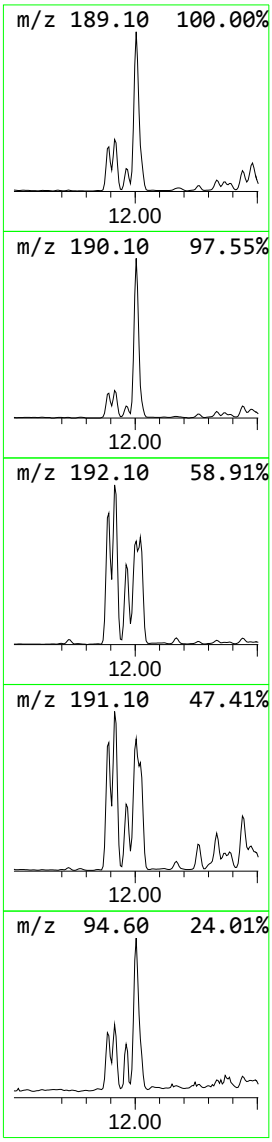
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	20.37 ng	659088	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18





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Misc :
ALS Vial : 16 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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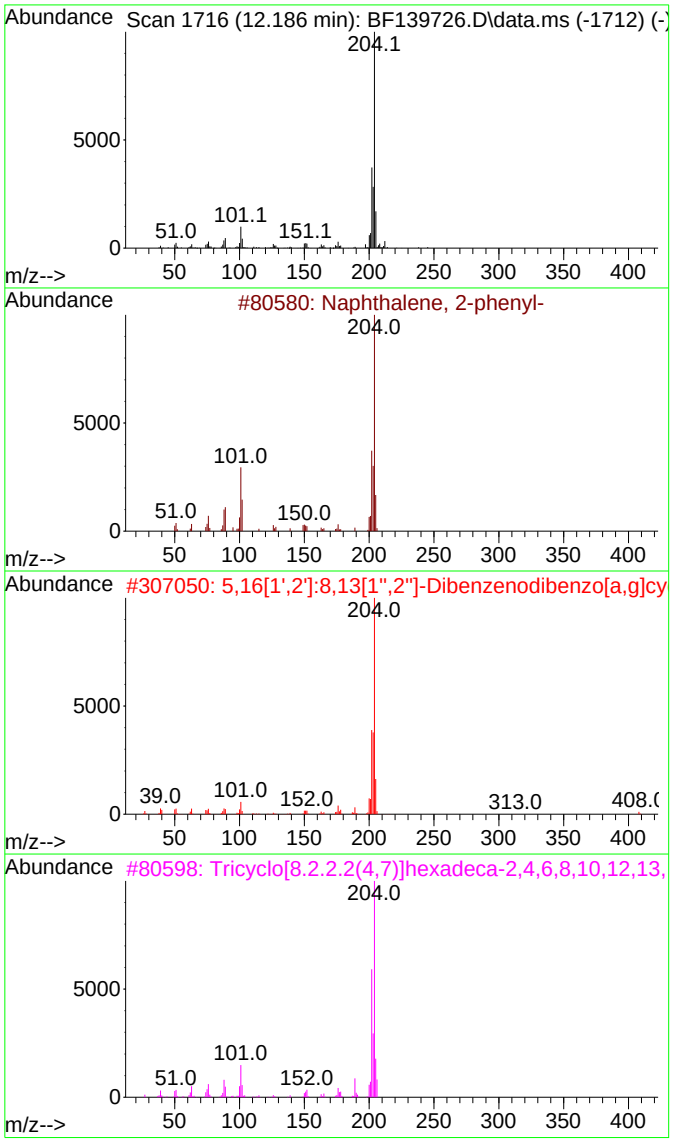
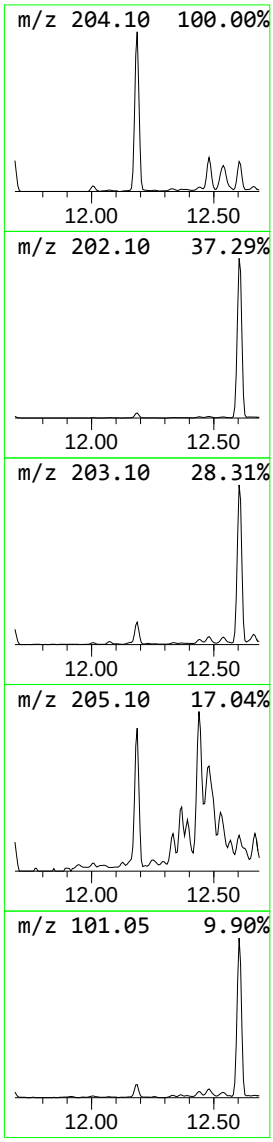
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	4.36 ng	141023	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	52





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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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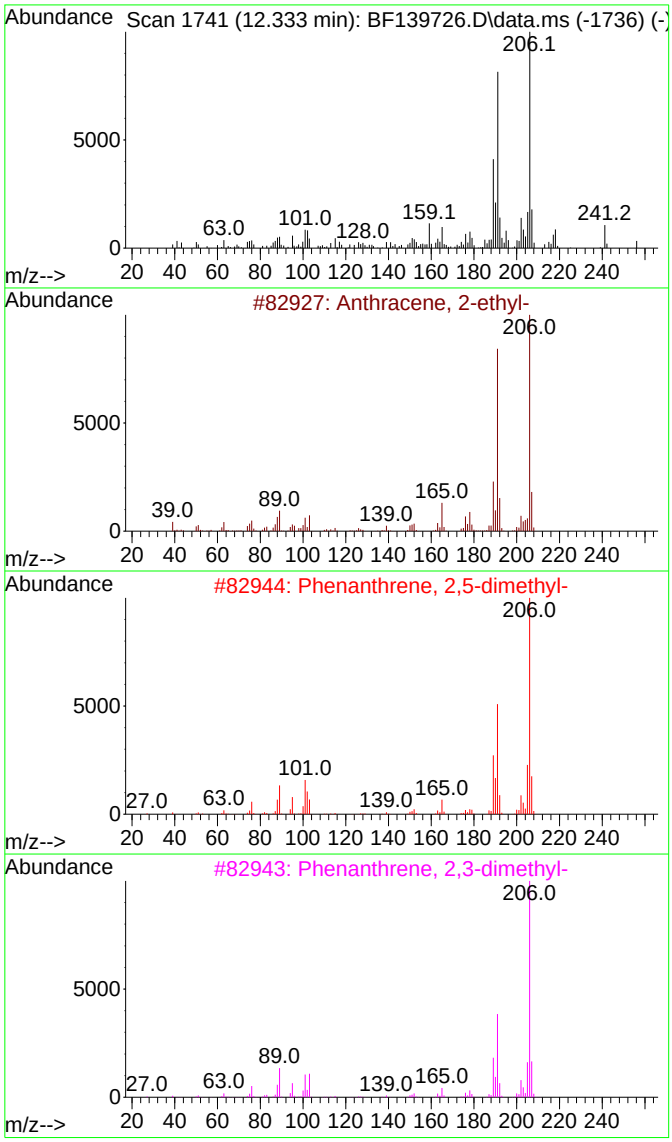
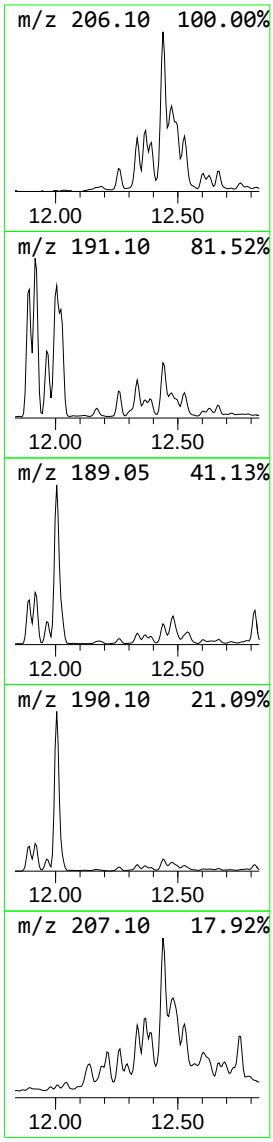
Peak Number 12 Anthracene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	2.97 ng	95985	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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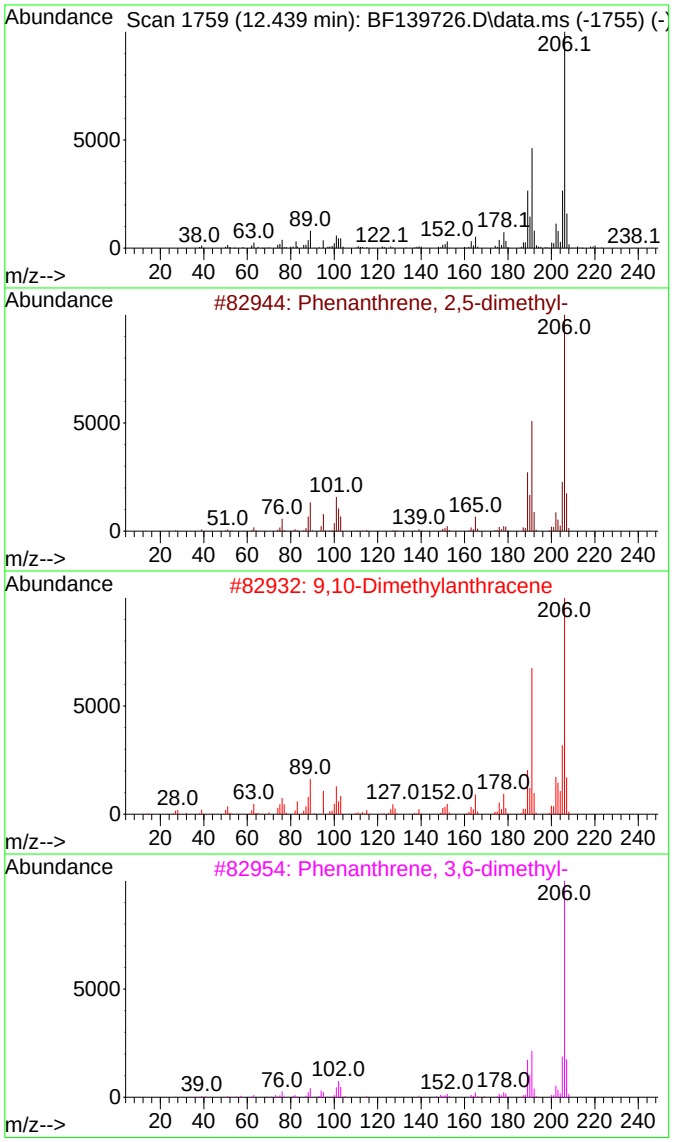
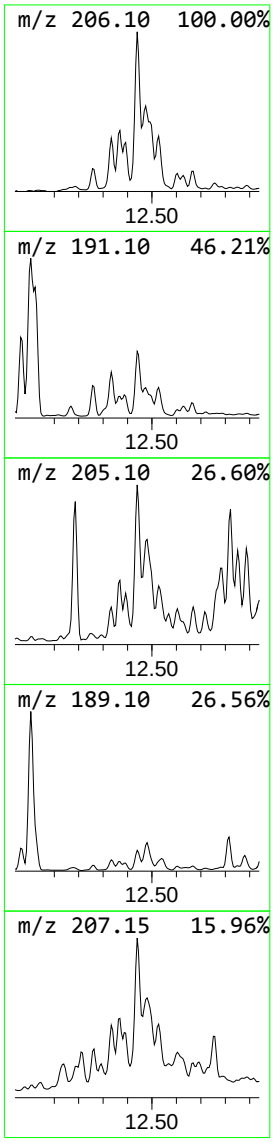
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	4.84 ng	156572	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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ALS Vial : 16 Sample Multiplier: 1

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

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

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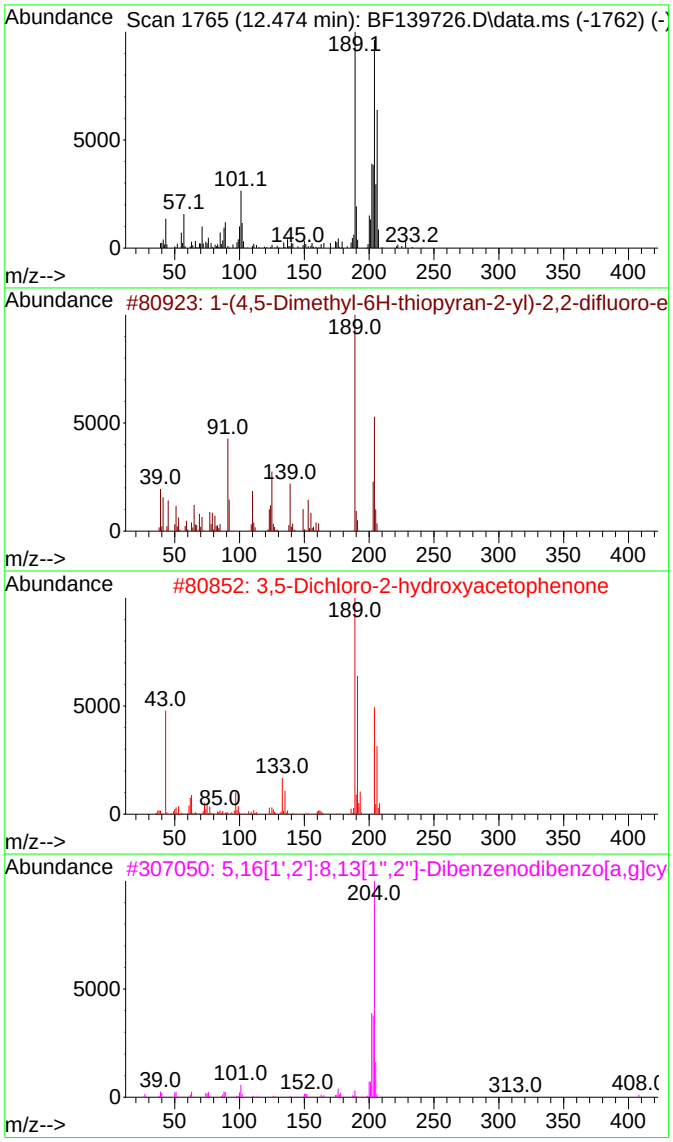
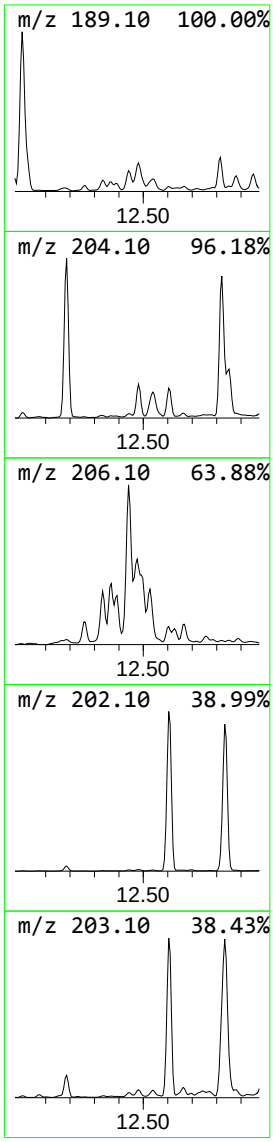
Peak Number 14 1-(4,5-Dimethyl-6H-thiopyra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	4.11 ng	133065	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	50
2	3,5-Dichloro-2-hydroxyacetophenone	204	C8H6Cl2O2	003321-92-4	49
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	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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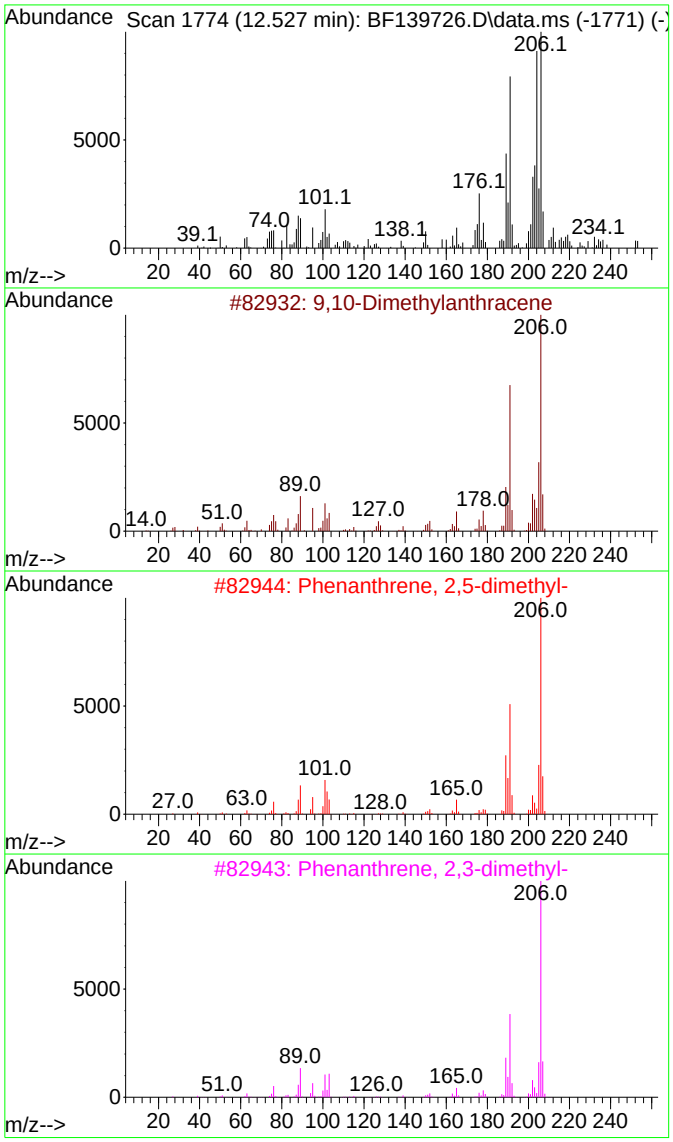
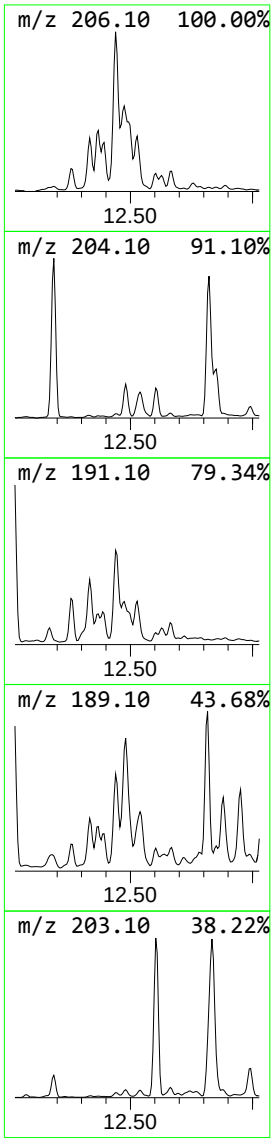
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	3.10 ng	100224	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	55





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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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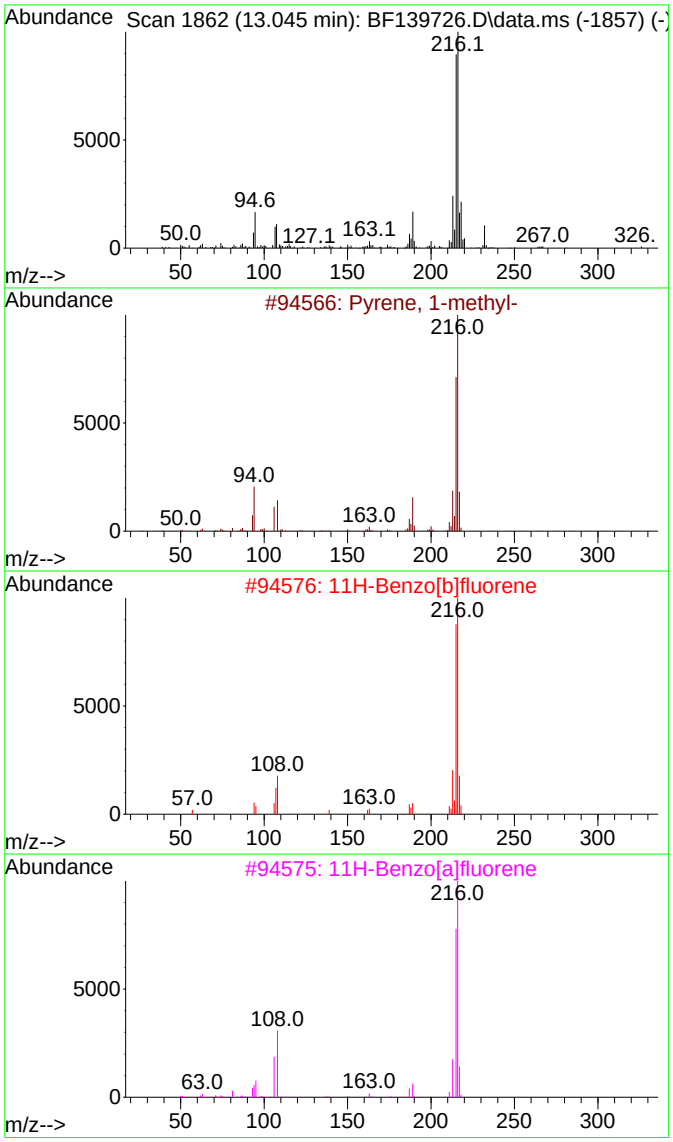
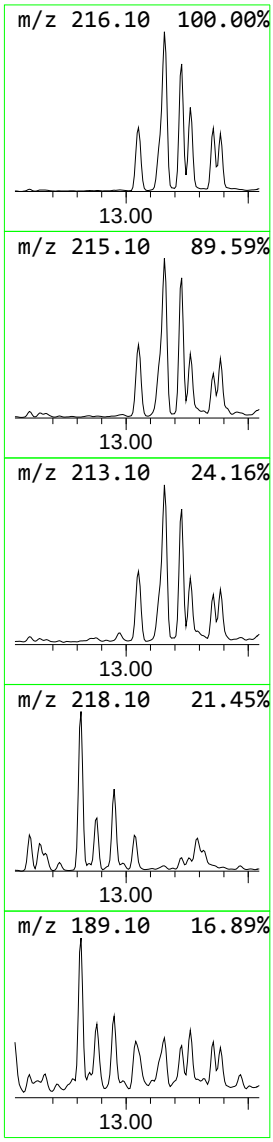
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	3.29 ng	221104	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Misc :
ALS Vial : 16 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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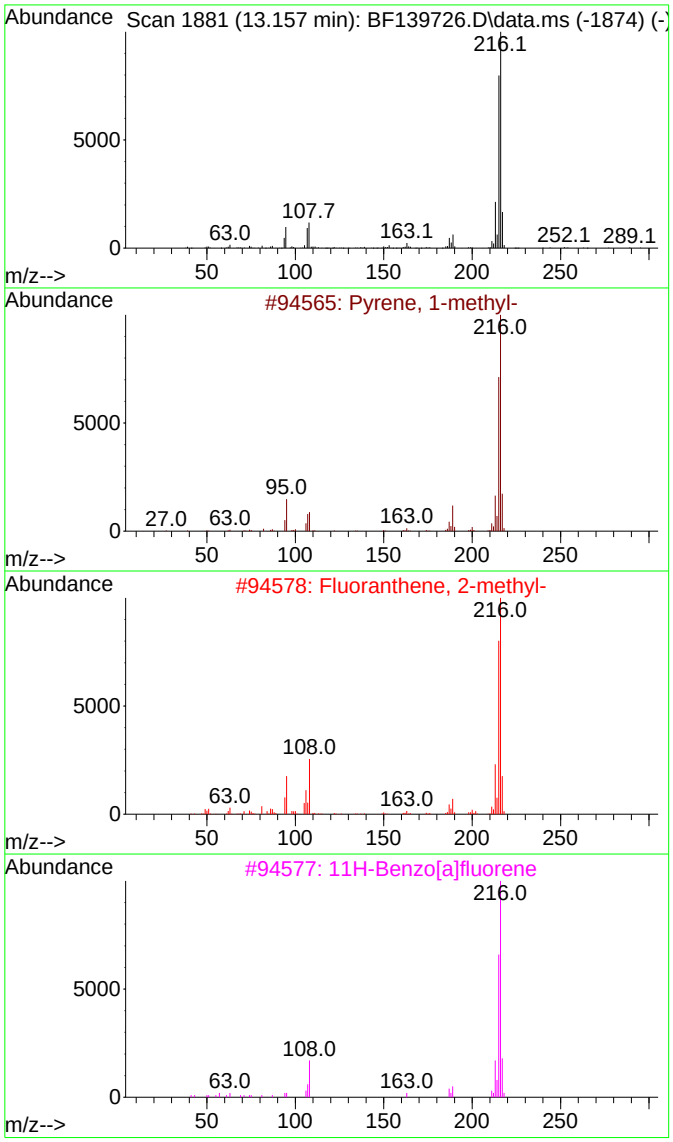
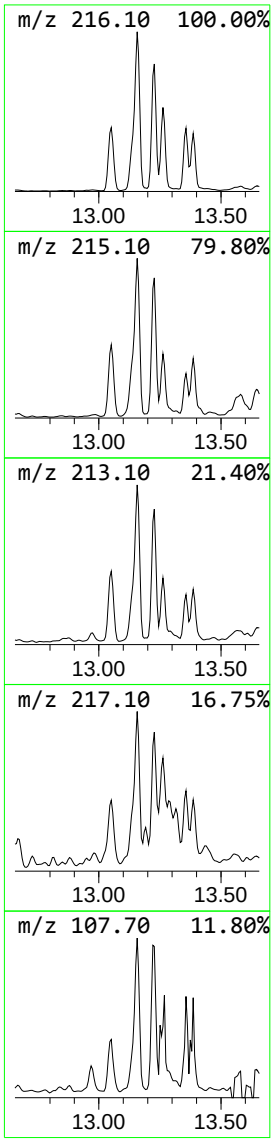
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	5.11 ng	343077	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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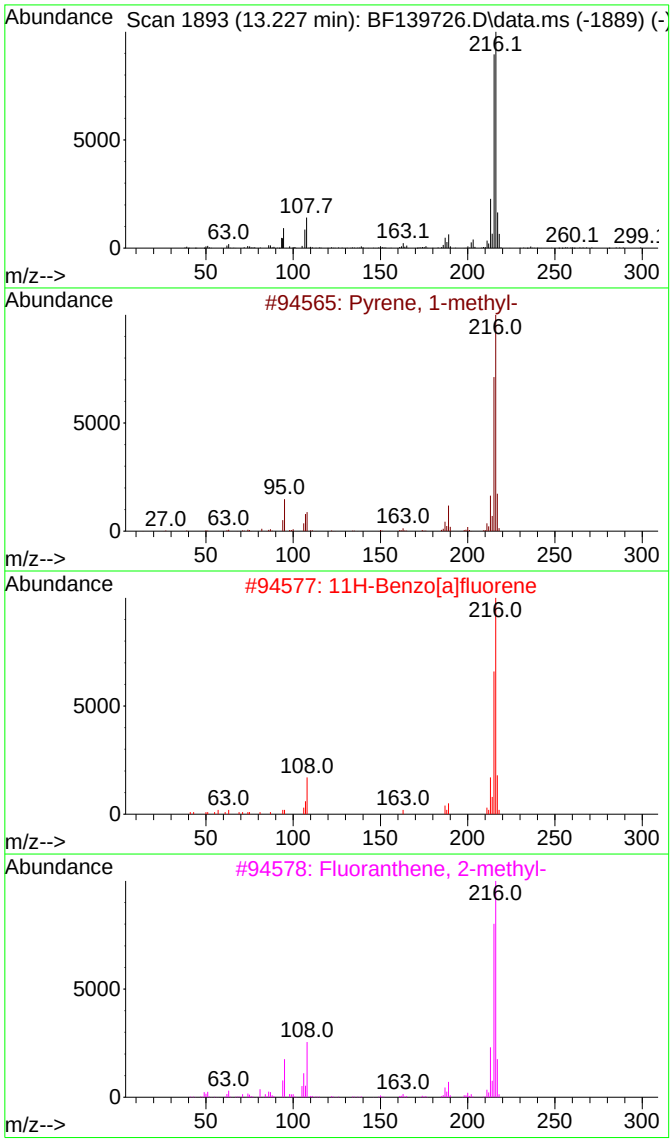
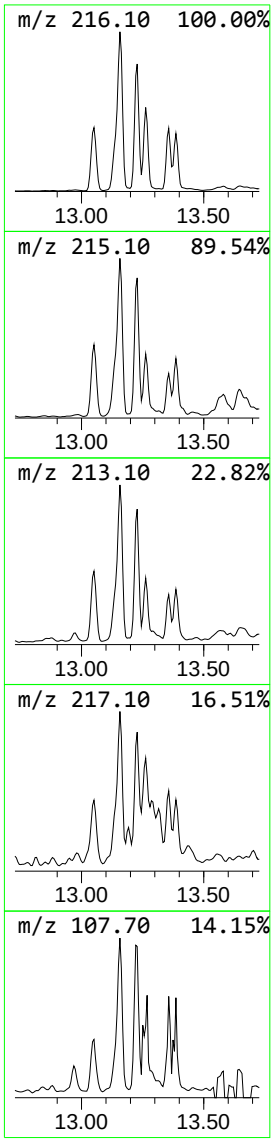
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	3.10 ng	208442	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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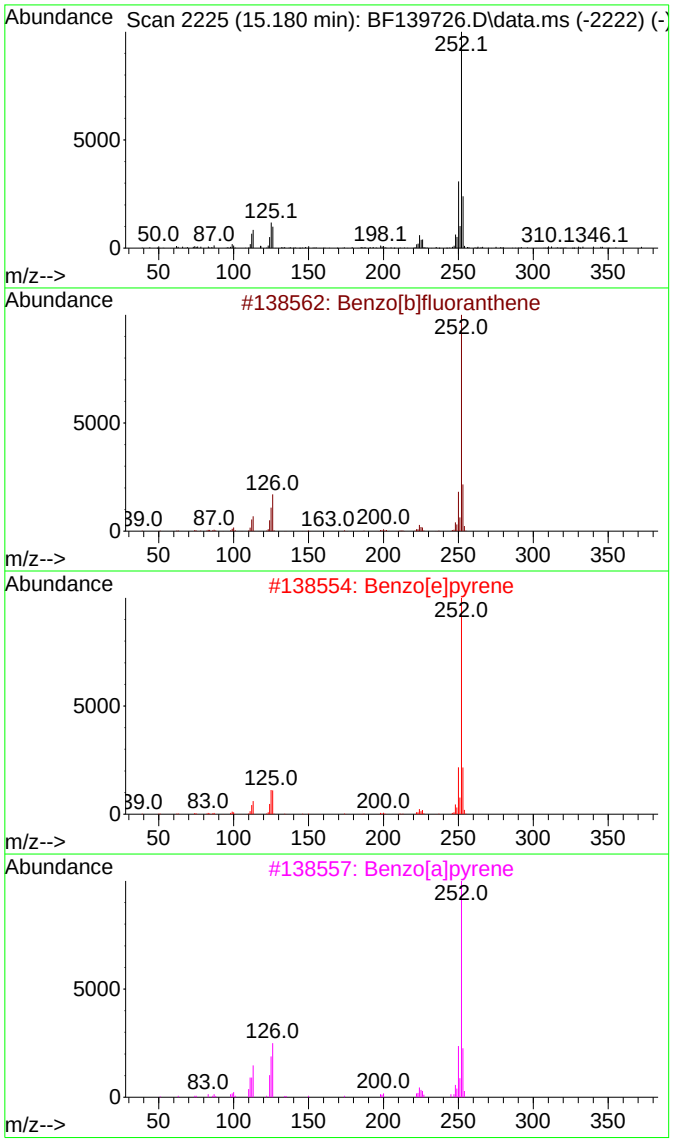
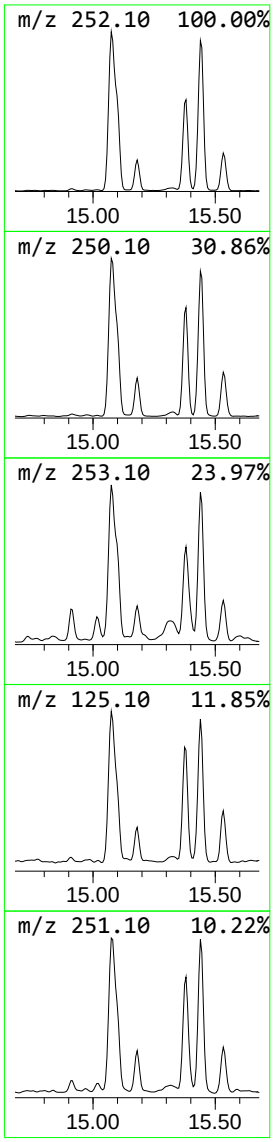
Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	3.79 ng	90789	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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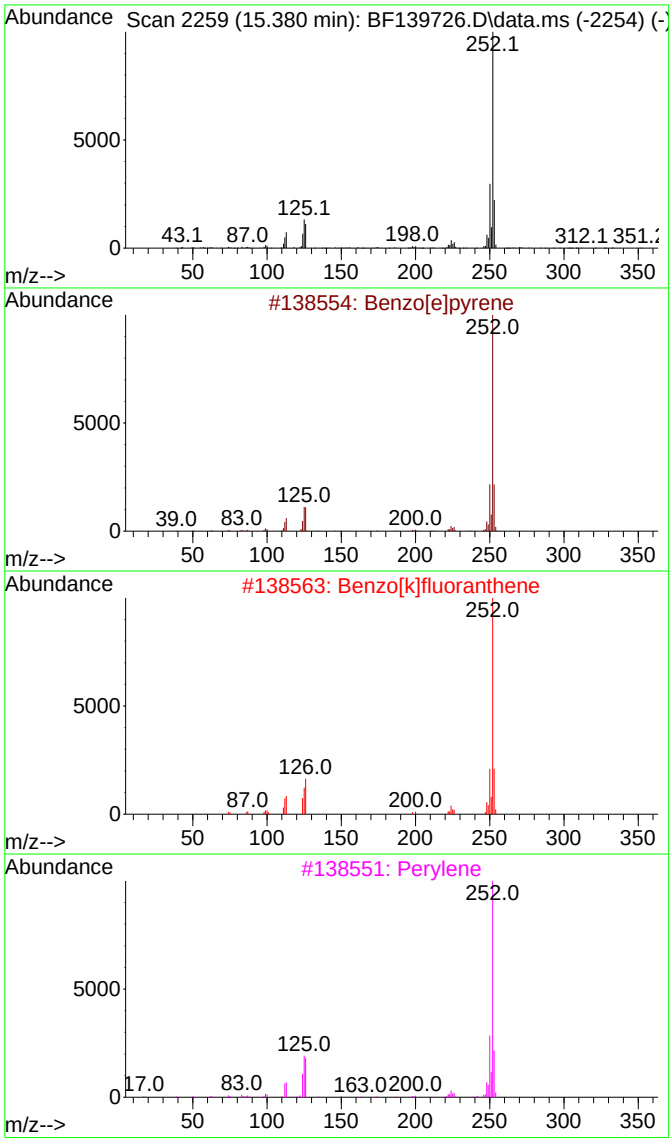
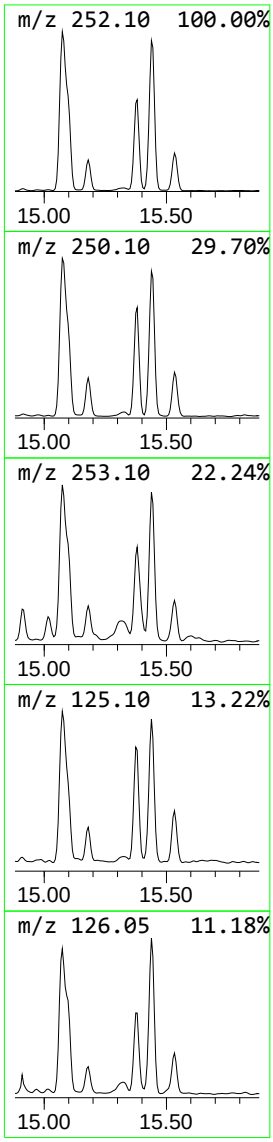
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	15.05 ng	360618	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139726.D
Acq On : 09 Oct 2024 17:00
Operator : RC/JU
Sample : P4340-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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
2-Pentanone, 4-...	5.069	21.2	ng	517197	1	6.863	487850	20.0
Benzophenone	10.610	4.2	ng	156982	3	9.898	743505	20.0
Dibenzofuran, 4...	10.686	3.5	ng	111794	4	11.386	647107	20.0
9H-Fluorene, 2-...	10.992	3.8	ng	123806	4	11.386	647107	20.0
2-[2-Phenylethe...	11.239	2.5	ng	81468	4	11.386	647107	20.0
Dibenzothiophene	11.286	3.5	ng	111809	4	11.386	647107	20.0
Phenanthrene, 2...	11.892	9.6	ng	309277	4	11.386	647107	20.0
Anthracene, 2-m...	11.916	10.3	ng	332015	4	11.386	647107	20.0
Anthracene, 1-m...	11.963	5.2	ng	167611	4	11.386	647107	20.0
4H-Cyclopenta[d...	12.004	20.4	ng	659088	4	11.386	647107	20.0
Naphthalene, 2-...	12.186	4.4	ng	141023	4	11.386	647107	20.0
Anthracene, 2-e...	12.333	3.0	ng	95985	4	11.386	647107	20.0
Phenanthrene, 2...	12.439	4.8	ng	156572	4	11.386	647107	20.0
1-(4,5-Dimethyl...	12.475	4.1	ng	133065	4	11.386	647107	20.0
9,10-Dimethylan...	12.527	3.1	ng	100224	4	11.386	647107	20.0
Pyrene, 1-methyl-	13.045	3.3	ng	221104	5	14.033	1343950	20.0
Fluoranthene, 2...	13.157	5.1	ng	343077	5	14.033	1343950	20.0
11H-Benzo[a]flu...	13.227	3.1	ng	208442	5	14.033	1343950	20.0
Benzo[e]pyrene	15.180	3.8	ng	90789	6	15.504	479158	20.0
Perylene	15.380	15.1	ng	360618	6	15.504	479158	20.0