LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	9	16	rVB	404849	484972	28.06%	2.116%
2	5.081	506	509	513	rVB	33766	29922	1.73%	0.131%
3	5.498	576	580	587	rBV	543419	468129	27.09%	2.042%
4	6.510	749	752	759	rBV	541613	478027	27.66%	2.086%
5	6.881	811	815	818	rBV	1475892	1312227	75.93%	5.725%
6	7.434	906	909	914	rVB	394954	302422	17.50%	1.319%
7	8.157	1029	1032	1035	rBV	2004710	1728097	100.00%	7.539%
8	8.181	1035	1036	1039	rVB	147606	73054	4.23%	0.319%
9	8.869	1150	1153	1156	rBV	232905	171305	9.91%	0.747%
10	8.969	1165	1170	1173	rBV	203483	164108	9.50%	0.716%
11	9.228	1211	1214	1218	rBV	844595	680742	39.39%	2.970%
12	9.428	1246	1248	1253	rVB	32895	34143	1.98%	0.149%
13	9.498	1255	1260	1263	rBV	120045	150474	8.71%	0.656%
14	9.569	1268	1272	1274	rBV	199706	177725	10.28%	0.775%
15	9.592	1274	1276	1280	rVB	116895	99990	5.79%	0.436%
16	9.686	1289	1292	1294	rBV	99117	88021	5.09%	0.384%
17	9.769	1303	1306	1310	rVB	120764	104584	6.05%	0.456%
18	9.910	1327	1330	1334	rVV	2127220	1720505	99.56%	7.506%
19	9.945	1334	1336	1339	rVB2	90521	70115	4.06%	0.306%
20	10.016	1344	1348	1352	rVB3	43618	56320	3.26%	0.246%
21	10.110	1358	1364	1368	rVB3	88347	95479	5.53%	0.417%
22	10.151	1368	1371	1375	rBV	89672	69812	4.04%	0.305%
23	10.227	1380	1384	1386	rBV2	78745	87211	5.05%	0.380%
24	10.251	1386	1388	1391	rVB	53821	45170	2.61%	0.197%
25	10.316	1395	1399	1401	rBV2	49445	66532	3.85%	0.290%
26	10.333	1401	1402	1405	rVB2	52850	33913	1.96%	0.148%
27	10.457	1420	1423	1429	rVB	198716	194162	11.24%	0.847%
28	10.610	1444	1449	1453	rVB4	40902	56445	3.27%	0.246%
29	10.698	1458	1464	1468	rBV2	296934	285823	16.54%	1.247%
30	10.822	1480	1485	1491	rVB3	59626	73114	4.23%	0.319%
31	11.004	1511	1516	1519	rBV2	129828	154339	8.93%	0.673%
32	11.033	1519	1521	1524	rVV	105770	90504	5.24%	0.395%
33	11.086	1527	1530	1533	rVV2	92830	82220	4.76%	0.359%
34	11.133	1533	1538	1539	rVV3	31136	43962	2.54%	0.192%
35	11.157	1540	1542	1547	rVV	40365	47468	2.75%	0.207%
36	11.204	1547	1550	1553	rVV3	45351	45978	2.66%	0.201%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.245	1554	1557	1561	rVV3	29807	52028	3.01%	0.227%
38	11.292	1562	1565	1570	rVB	104089	100291	5.80%	0.438%
39	11.398	1579	1583	1585	rBV	1626715	1375025	79.57%	5.999%
40	11.422	1585	1587	1590	rVV	652938	493949	28.58%	2.155%
41	11.469	1593	1595	1598	rVB	114530	92697	5.36%	0.404%
42	11.504	1598	1601	1604	rBV2	62129	69453	4.02%	0.303%
43	11.633	1620	1623	1628	rBV4	28832	57857	3.35%	0.252%
44	11.727	1636	1639	1642	rVB	82236	71220	4.12%	0.311%
45	11.810	1650	1653	1657	rVB	59658	64366	3.72%	0.281%
46	11.898	1665	1668	1670	rBV	278123	242335	14.02%	1.057%
47	11.927	1670	1673	1676	rVB	320771	309213	17.89%	1.349%
48	11.974	1677	1681	1683	rBV	99145	100069	5.79%	0.437%
49	12.010	1683	1687	1689	rVV2	315688	353290	20.44%	1.541%
50	12.033	1689	1691	1695	rVB	228703	192837	11.16%	0.841%
51	12.092	1697	1701	1705	rBV6	22960	32993	1.91%	0.144%
52	12.127	1705	1707	1710	rVB2	42106	36744	2.13%	0.160%
53	12.192	1715	1718	1720	rBV2	93747	74648	4.32%	0.326%
54	12.339	1741	1743	1746	rVV	66255	55220	3.20%	0.241%
55	12.369	1746	1748	1751	rVV	96127	93001	5.38%	0.406%
56	12.398	1751	1753	1755	rVB2	68651	56312	3.26%	0.246%
57	12.445	1758	1761	1764	rBV	247851	250949	14.52%	1.095%
58	12.480	1764	1767	1773	rVV3	182274	350146	20.26%	1.528%
59	12.533	1773	1776	1785	rVB3	84740	179828	10.41%	0.785%
60	12.610	1785	1789	1792	rBV	506317	476594	27.58%	2.079%
61	12.651	1794	1796	1798	rVV	50544	46223	2.67%	0.202%
62	12.674	1798	1800	1802	rVV2	50318	43816	2.54%	0.191%
63	12.704	1802	1805	1807	rVB2	56677	44713	2.59%	0.195%
64	12.763	1812	1815	1817	rBV2	50912	50007	2.89%	0.218%
65	12.839	1822	1828	1834	rBV	694760	759669	43.96%	3.314%
66	12.892	1834	1837	1840	rVB2	73040	73544	4.26%	0.321%
67	12.933	1840	1844	1846	rBV3	53983	75530	4.37%	0.330%
68	12.980	1848	1852	1858	rVB	501438	561739	32.51%	2.451%
69	13.051	1861	1864	1872	rBV2	124191	188629	10.92%	0.823%
70	13.110	1872	1874	1876	rBV2	55970	48433	2.80%	0.211%
71	13.139	1876	1879	1881	rBV3	101512	128422	7.43%	0.560%
72	13.163	1881	1883	1886	rVB	253723	204763	11.85%	0.893%
73	13.210	1888	1891	1892	rBV3	45561	40656	2.35%	0.177%
74	13.227	1892	1894	1897	rVB	150020	128296	7.42%	0.560%
75	13.268	1897	1901	1904	rBV	223796	199178	11.53%	0.869%
76	13.327	1909	1911	1914	rVV2	37130	54389	3.15%	0.237%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.363	1914	1917	1919	rVV	176191	176942	10.24%	0.772%
78	13.392	1919	1922	1925	rVV	195411	203171	11.76%	0.886%
79	13.421	1925	1927	1931	rVB4	31958	34272	1.98%	0.150%
80	13.568	1949	1952	1953	rBV	45319	39892	2.31%	0.174%
81	13.586	1953	1955	1958	rVB	56121	48776	2.82%	0.213%
82	13.651	1962	1966	1967	rBV2	71248	89555	5.18%	0.391%
83	13.733	1978	1980	1982	rVB	47093	33131	1.92%	0.145%
84	13.786	1983	1989	1991	rBV3	97063	153429	8.88%	0.669%
85	13.810	1991	1993	1995	rVV	57280	41782	2.42%	0.182%
86	13.880	2003	2005	2008	rBV3	59295	66393	3.84%	0.290%
87	14.033	2025	2031	2034	rBV2	1519721	1669924	96.63%	7.286%
88	14.057	2034	2035	2042	rVB	383950	280444	16.23%	1.224%
89	14.115	2043	2045	2047	rVV	43895	31192	1.80%	0.136%
90	14.286	2072	2074	2077	rVB	41185	34434	1.99%	0.150%
91	14.380	2088	2090	2092	rBV	53399	49573	2.87%	0.216%
92	14.421	2092	2097	2100	rVV	178200	222860	12.90%	0.972%
93	14.451	2100	2102	2105	rVB	120325	97123	5.62%	0.424%
94	14.510	2110	2112	2115	rVB2	77812	66690	3.86%	0.291%
95	14.545	2115	2118	2120	rBV	106412	98656	5.71%	0.430%
96	14.810	2160	2163	2165	rBV	49400	48033	2.78%	0.210%
97	15.074	2204	2208	2215	rVB	157943	305720	17.69%	1.334%
98	15.374	2256	2259	2263	rBV	116203	132682	7.68%	0.579%
99	15.439	2266	2270	2276	rBV	173898	233172	13.49%	1.017%
100	15.504	2276	2281	2285	rBV	825714	1066930	61.74%	4.655%

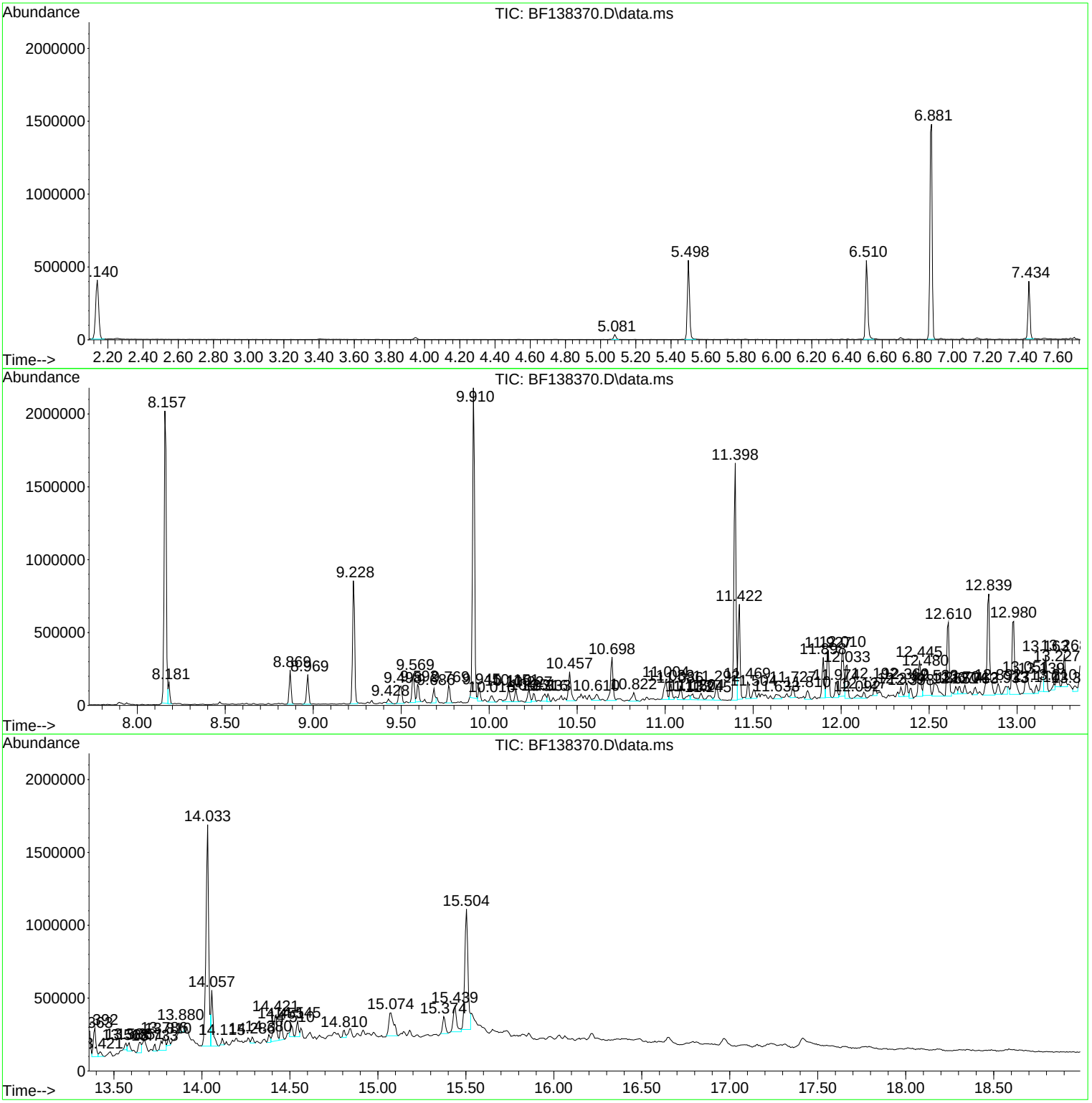
Sum of corrected areas: 22920862

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

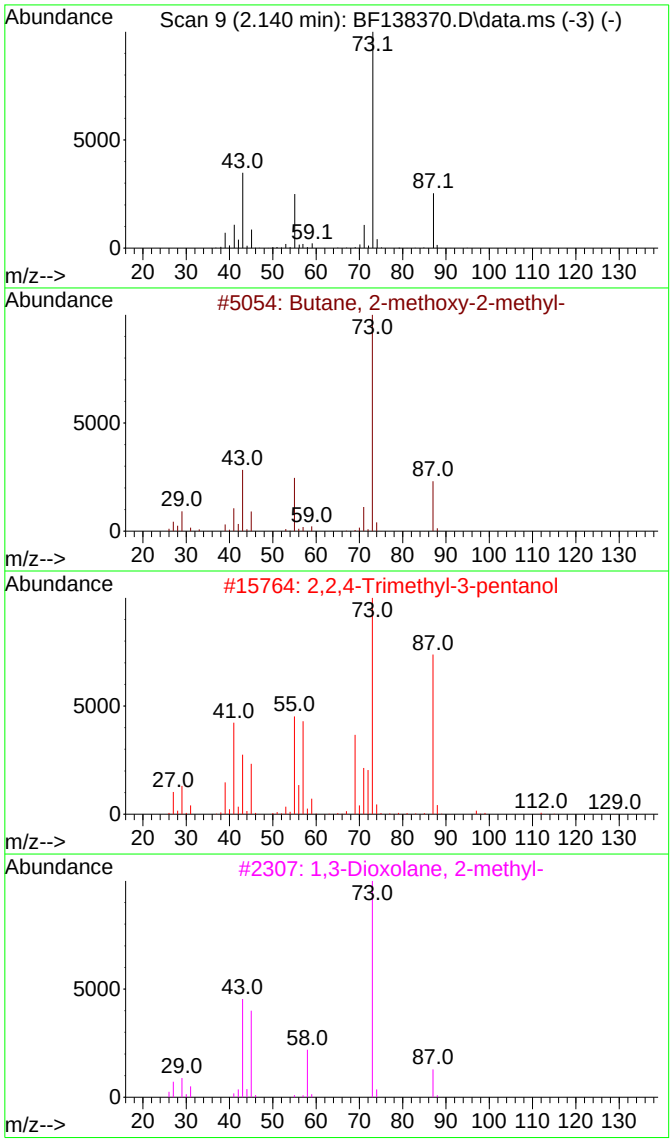
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

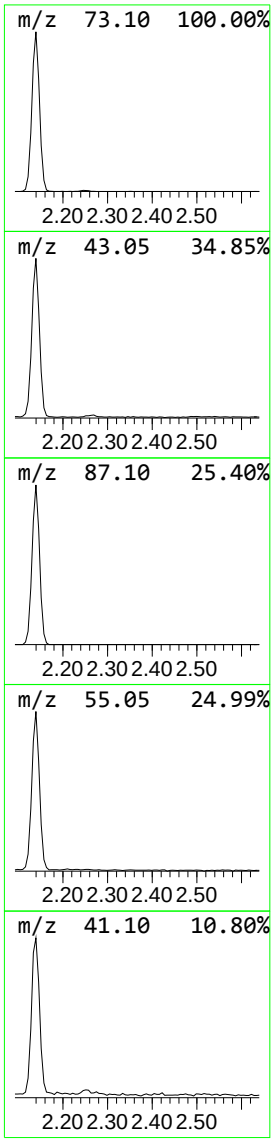
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	7.39 ng	484972	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

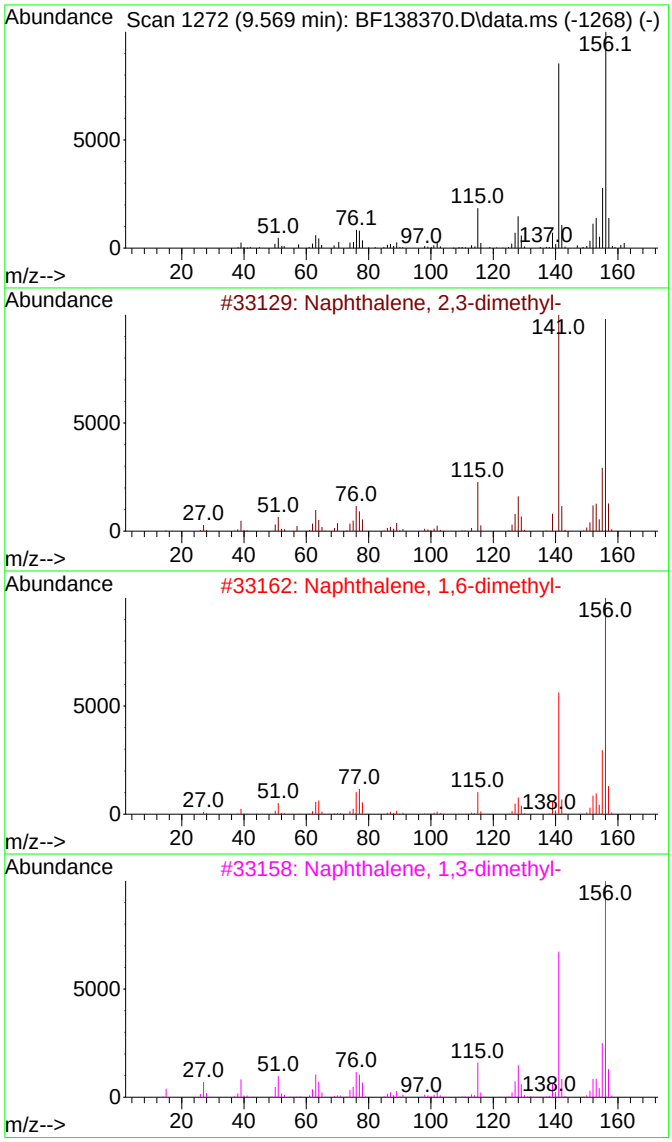
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

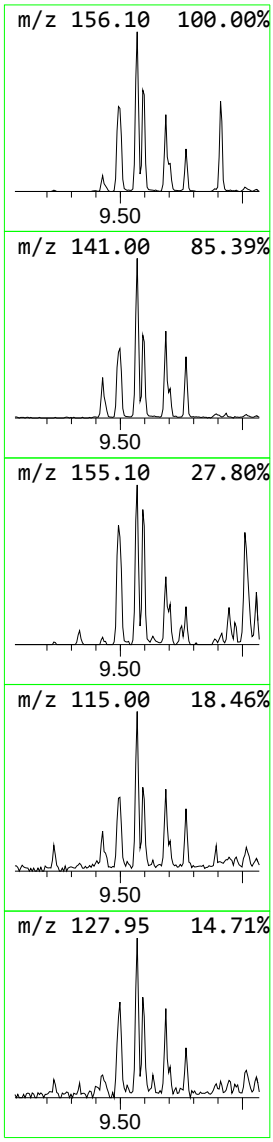
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	2.07 ng	177725	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

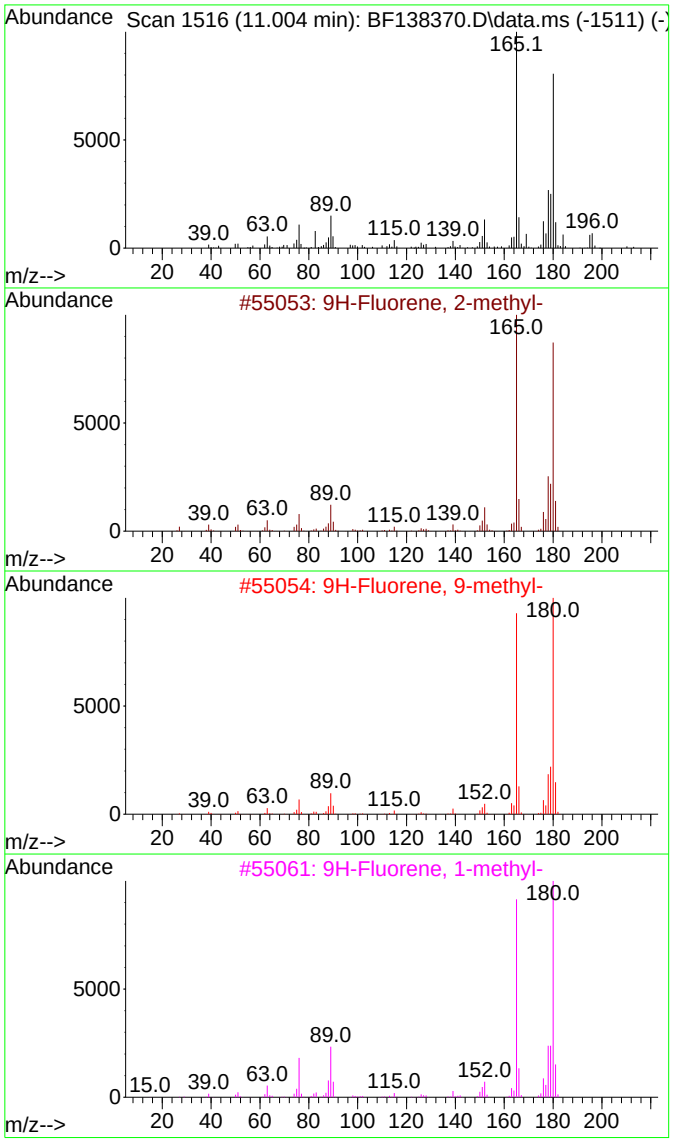
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

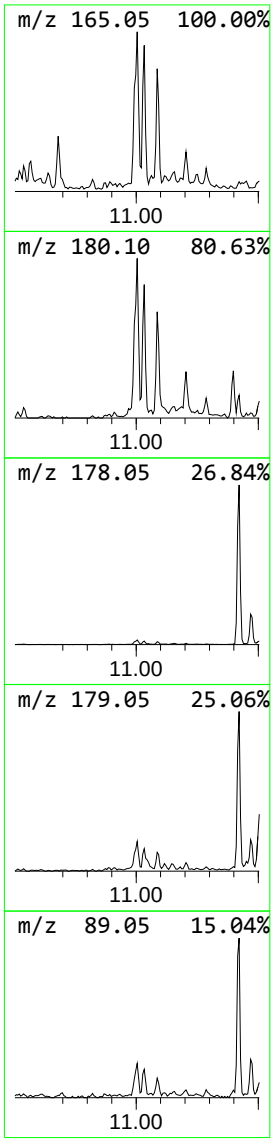
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	2.24 ng	154339	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

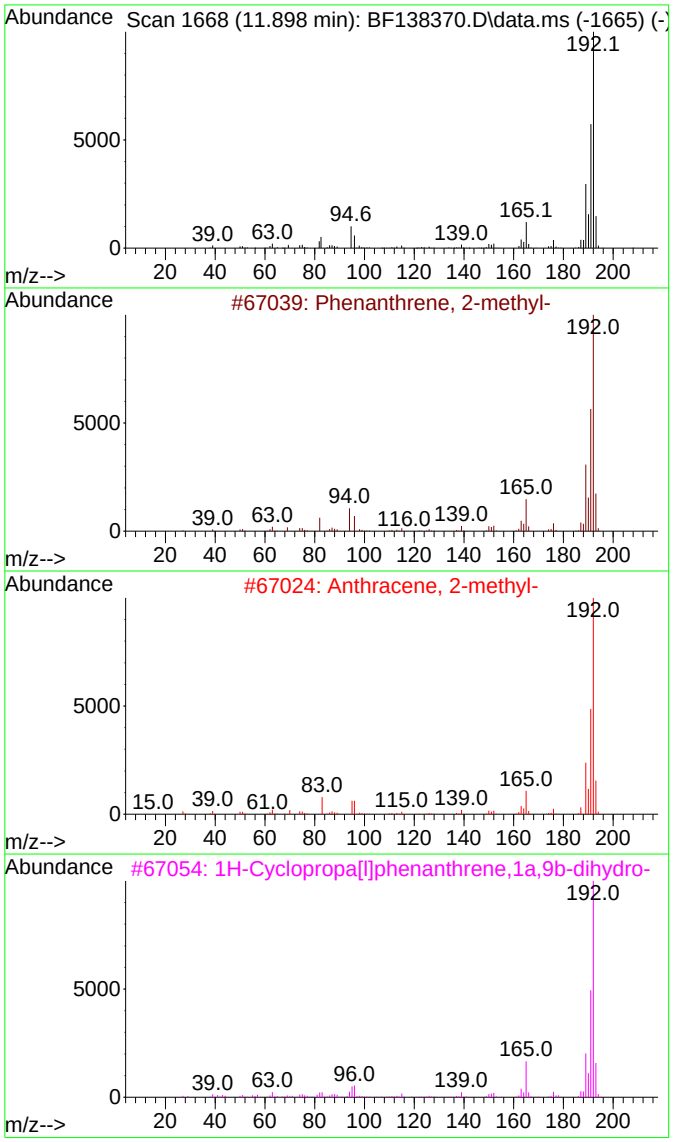
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

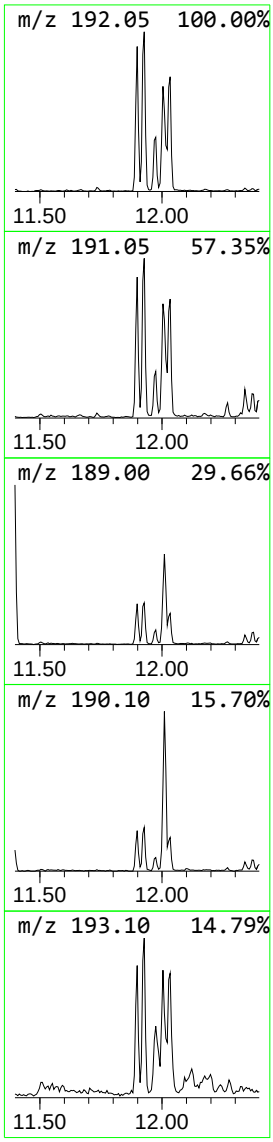
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	3.52 ng	242335	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

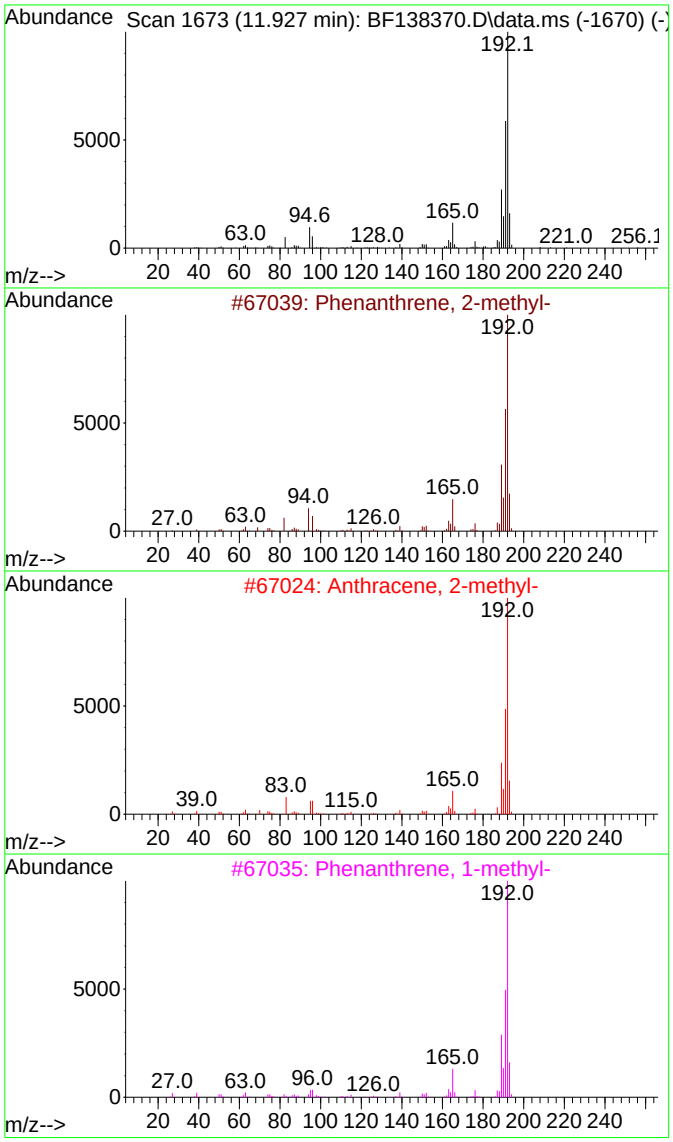
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

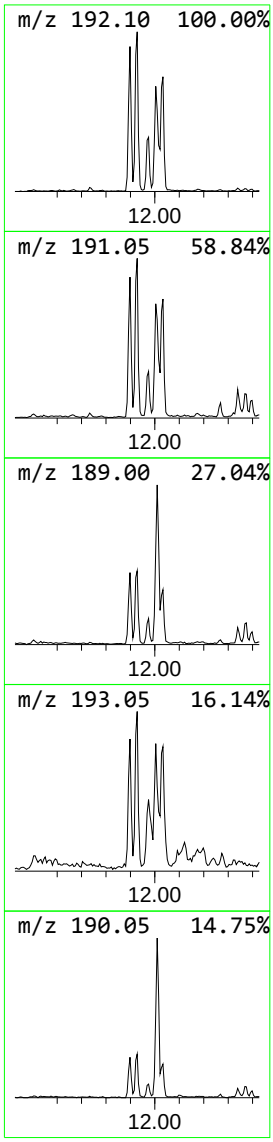
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	4.50 ng	309213	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-062424

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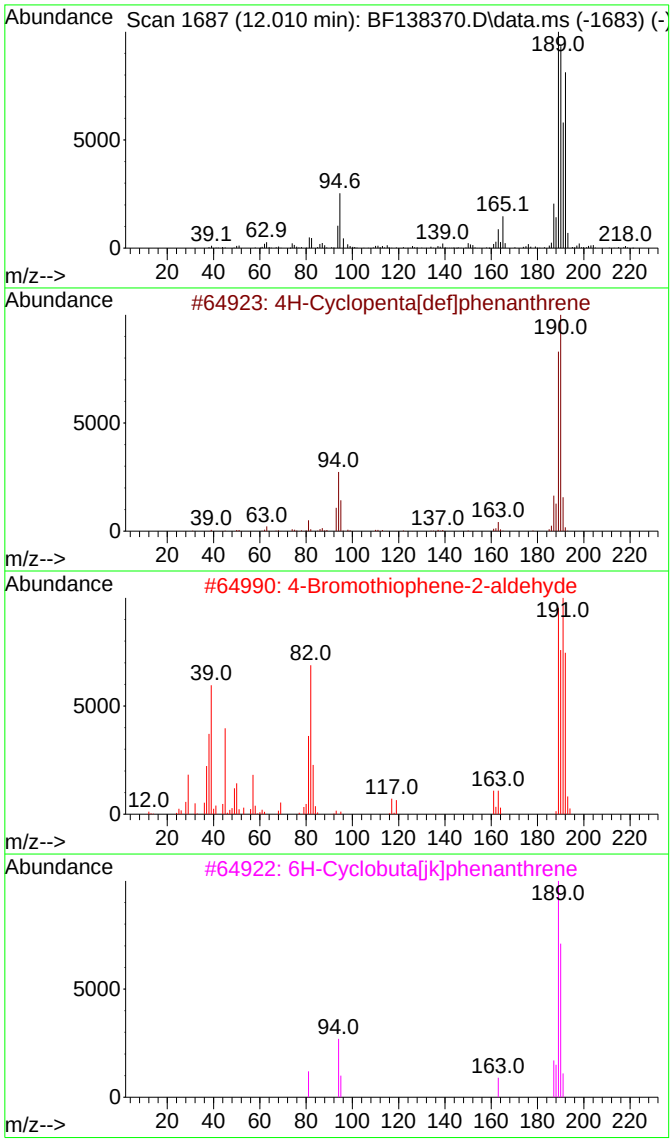
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

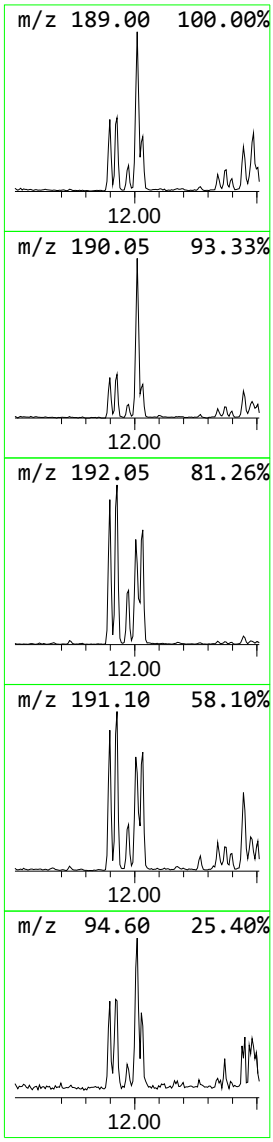
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	5.14 ng	353290	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	3-Bromo-2-hydroxy-2-cyclohexen-1...	190	C6H7BrO2	010324-65-9	43
5	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	38





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Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

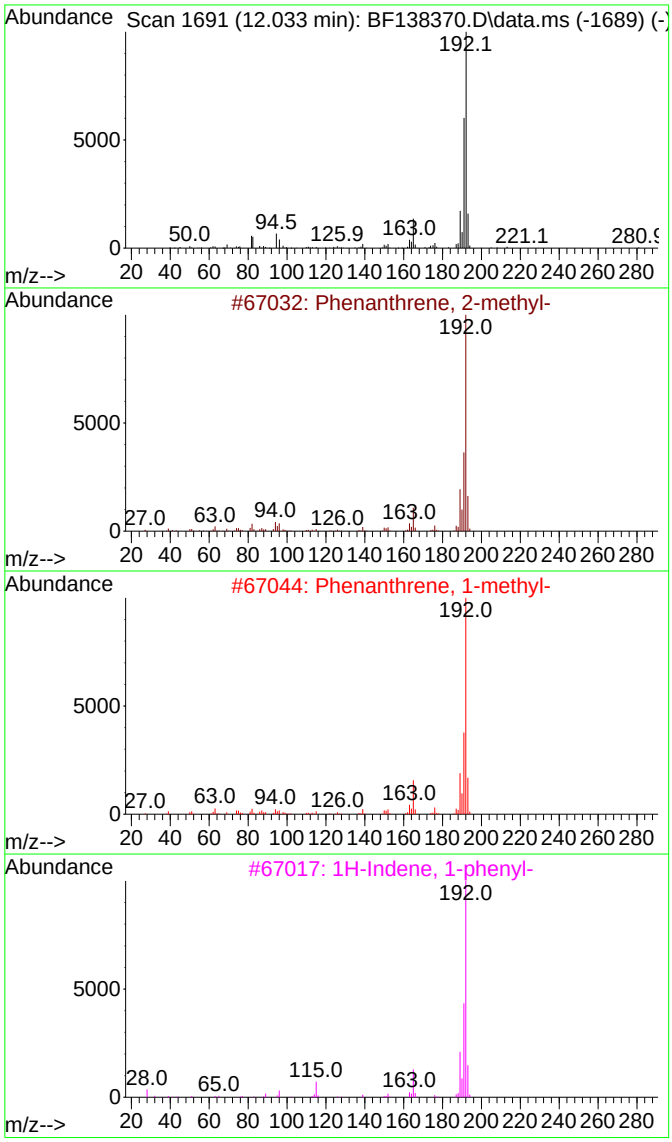
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

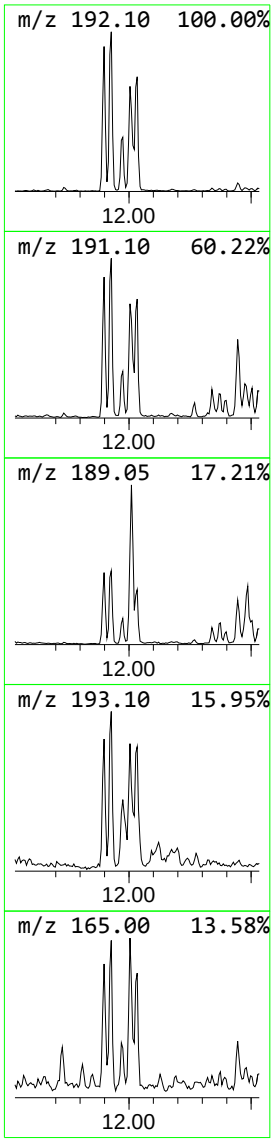
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	2.80 ng	192837	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	93





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Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

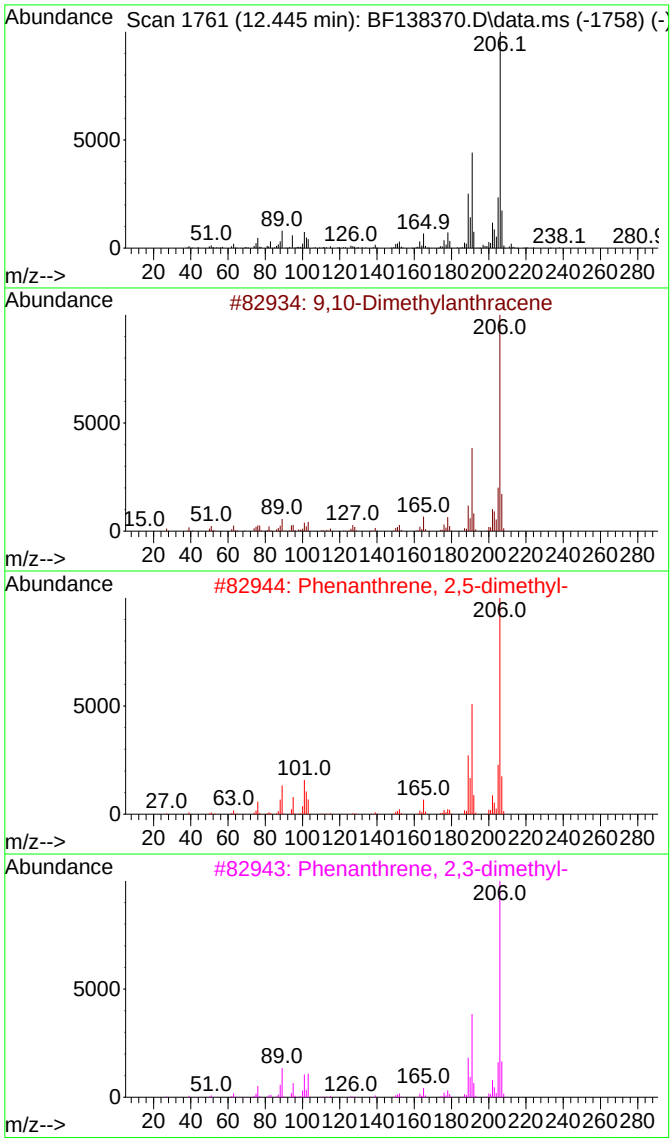
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

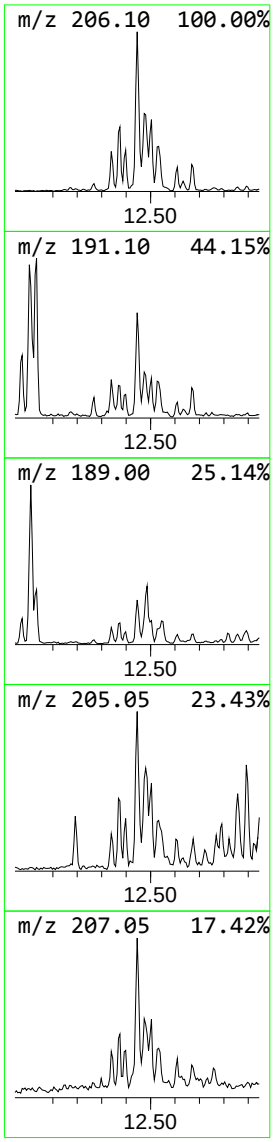
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	3.65 ng	250949	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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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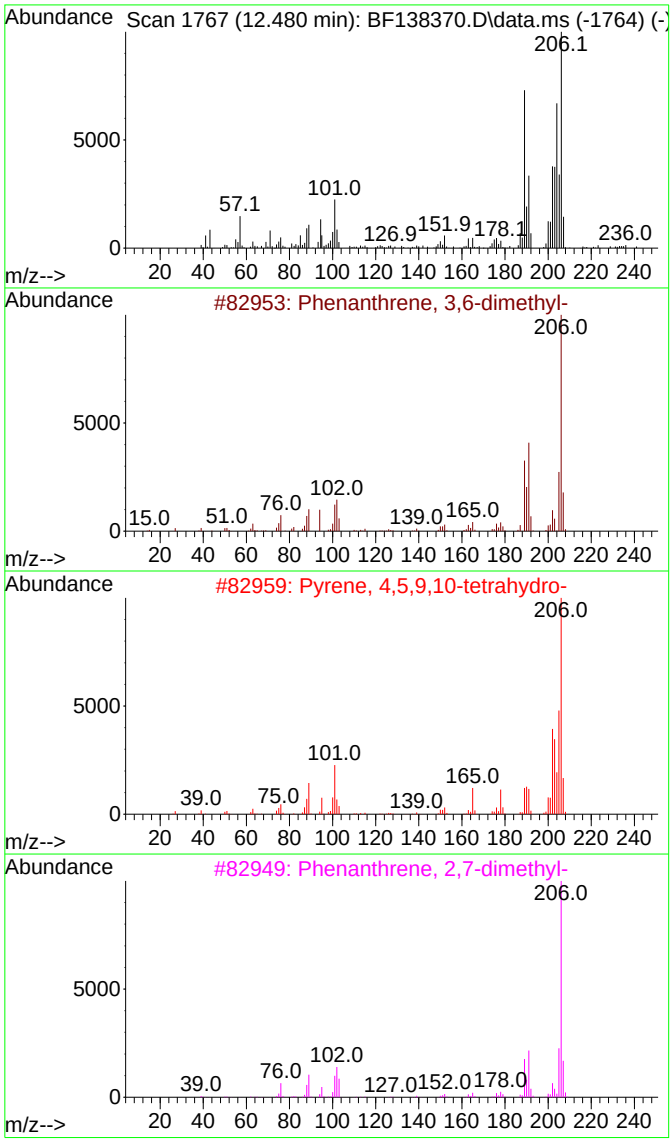
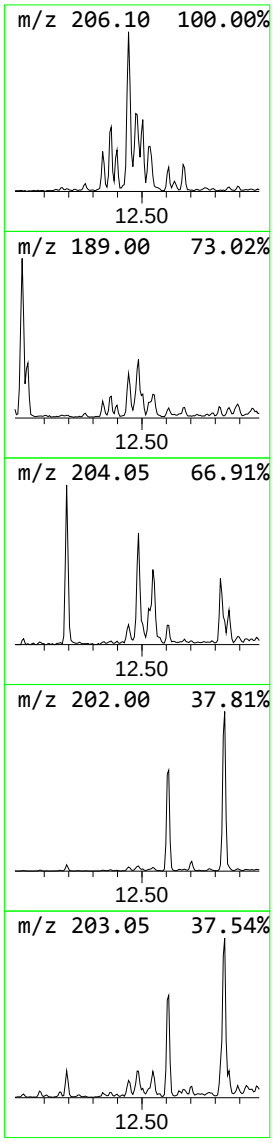
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	5.09 ng	350146	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	64
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	49
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	49





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Sample : P3047-01 10X
Misc :
ALS Vial : 10 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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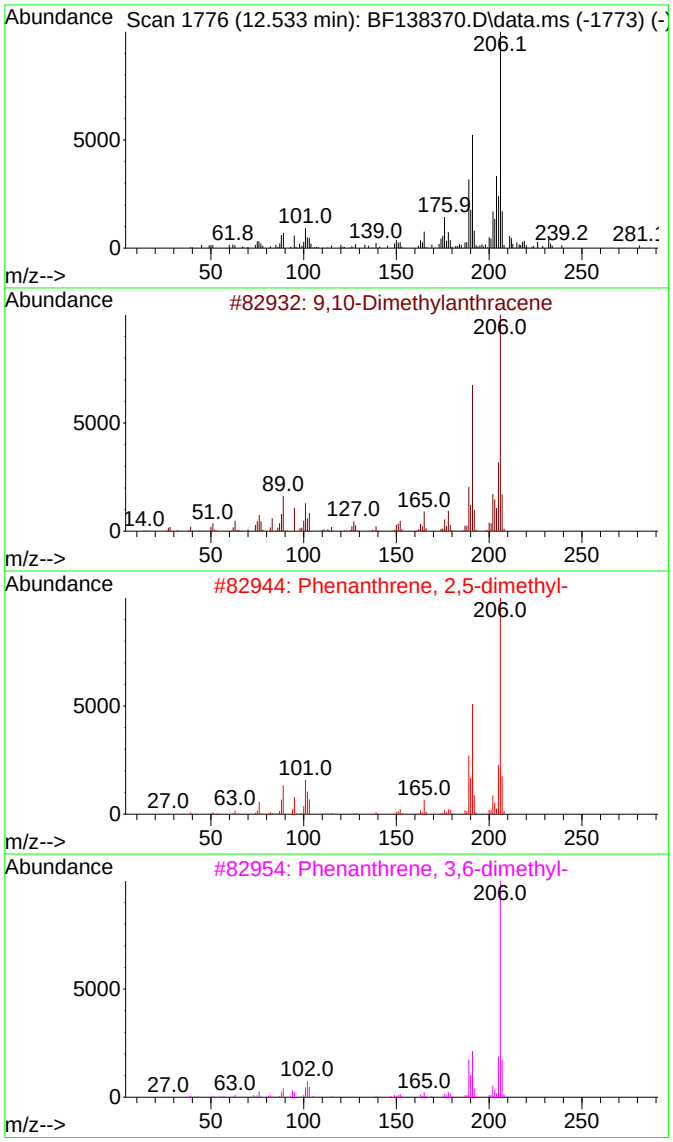
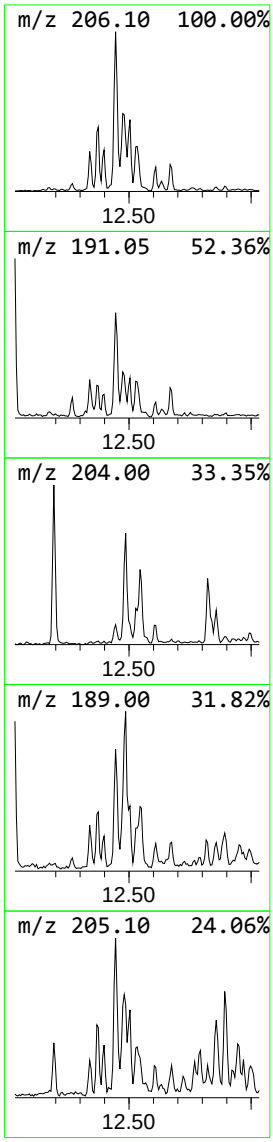
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	2.62 ng	179828	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-062424

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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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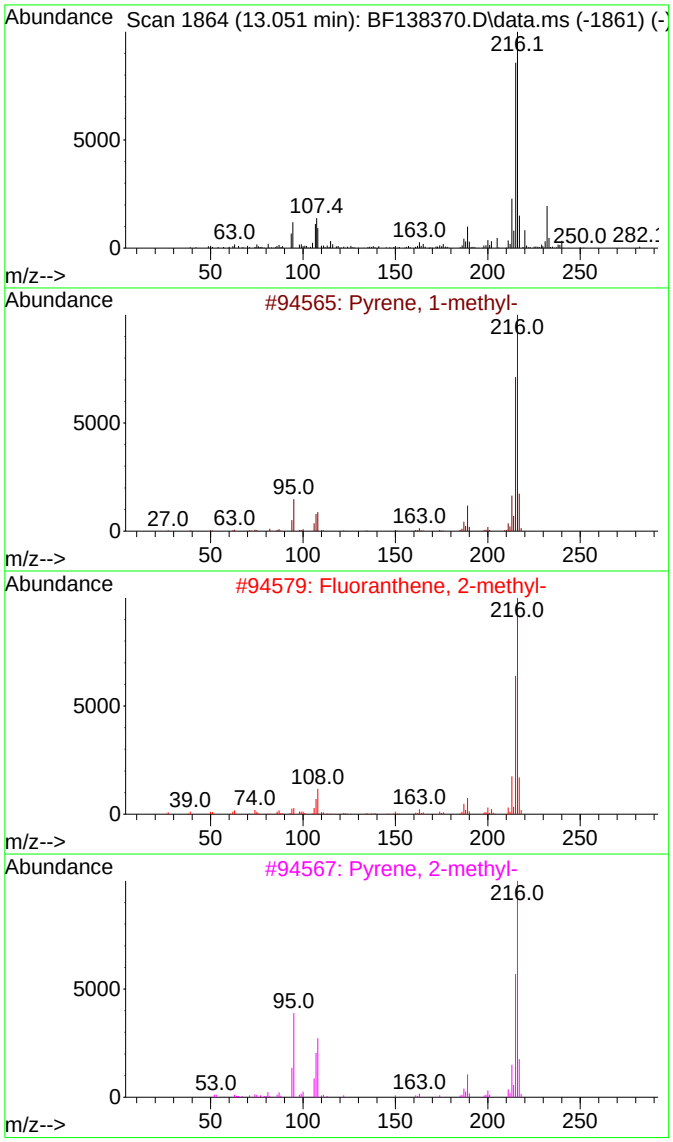
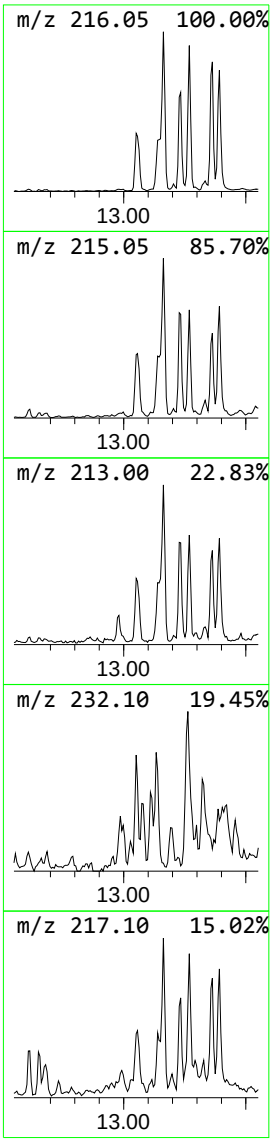
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	2.26 ng	188629	Chrysene-d12	14.033

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	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





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Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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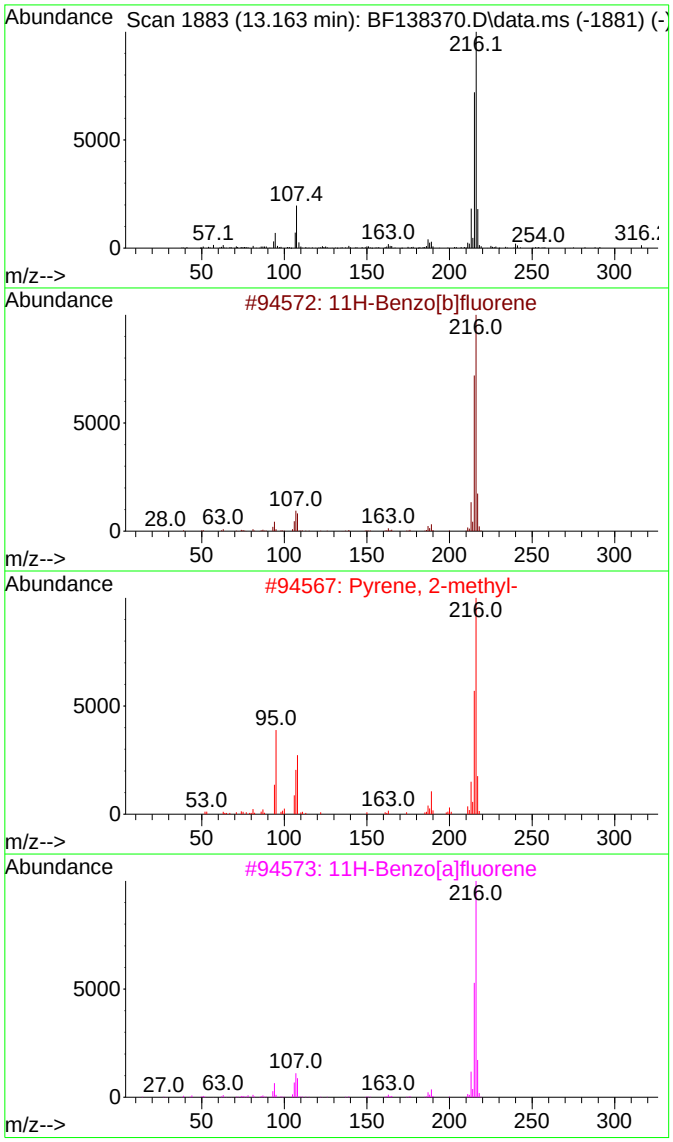
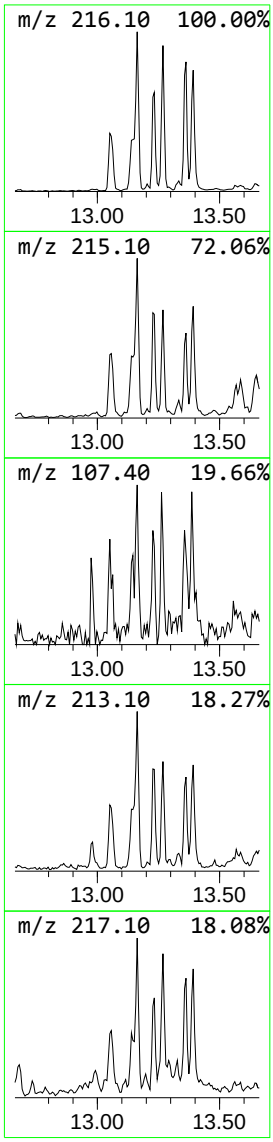
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.45 ng	204763	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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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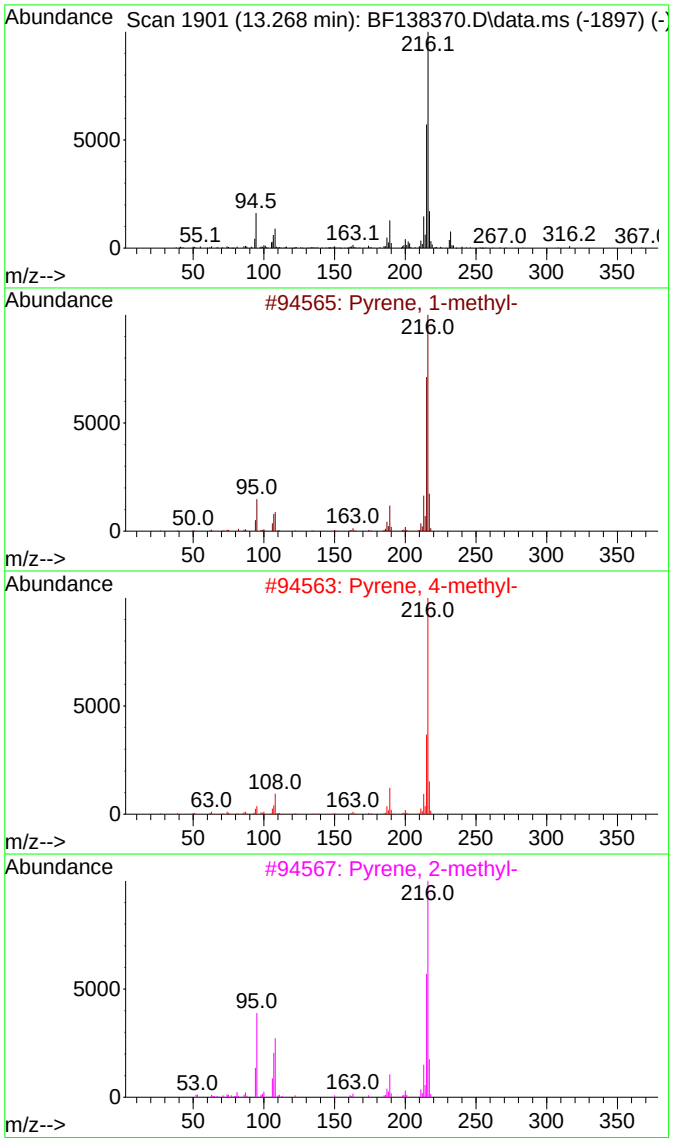
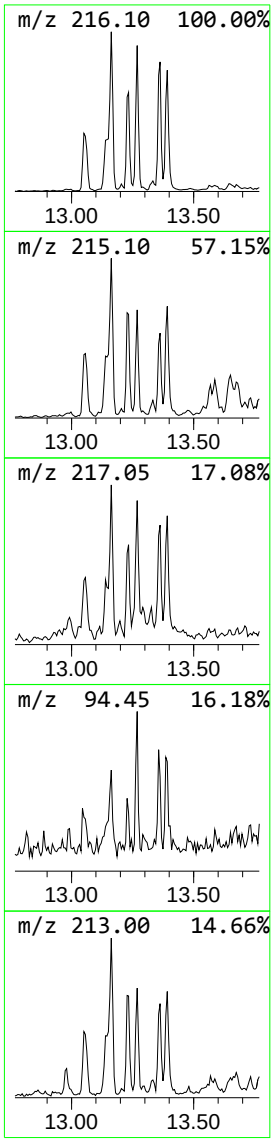
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	2.39 ng	199178	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-062424

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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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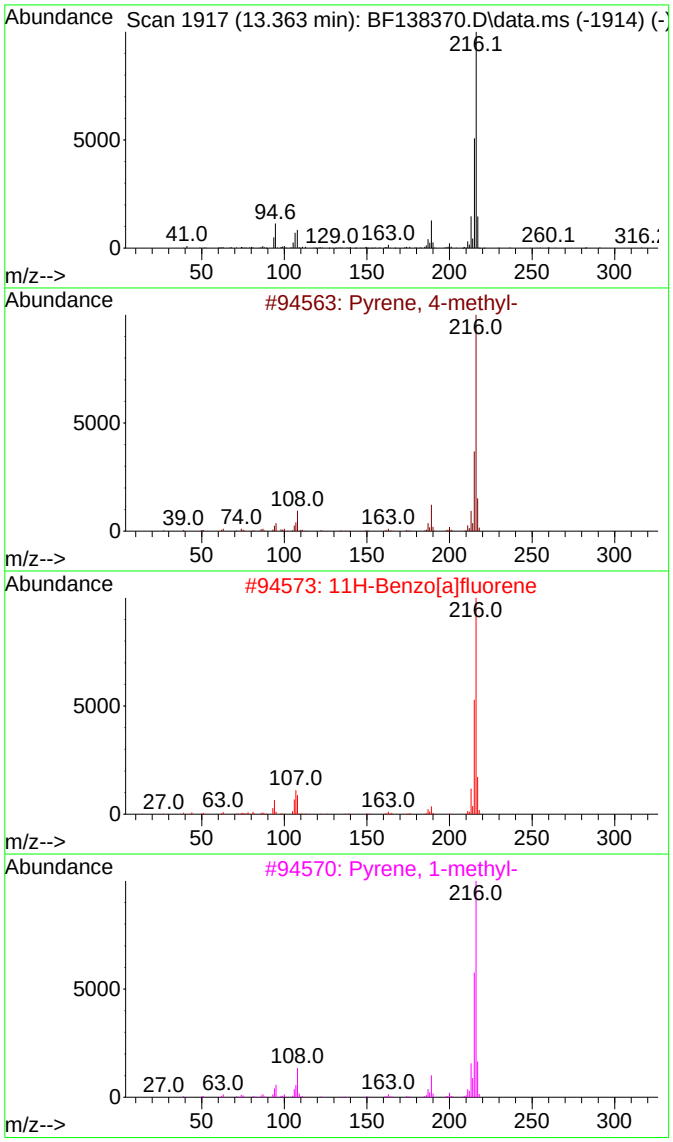
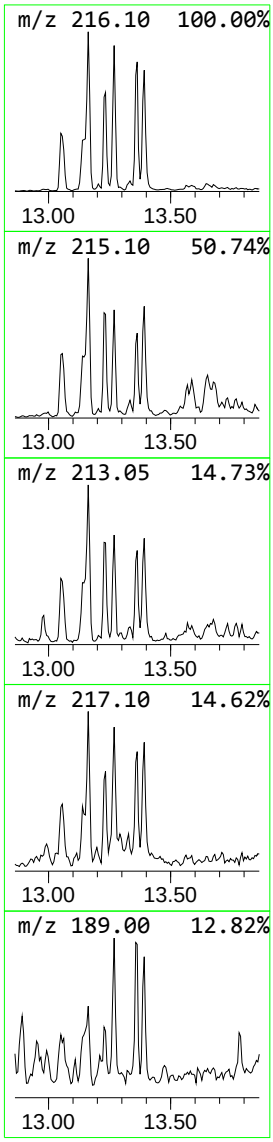
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	2.12 ng	176942	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





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Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-062424

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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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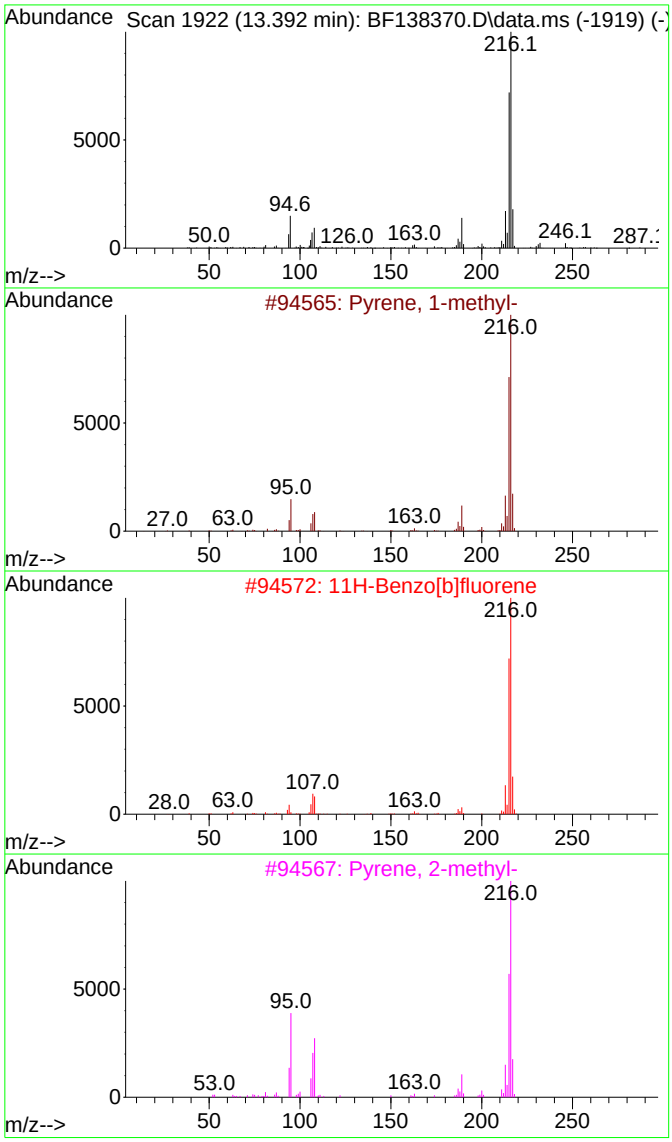
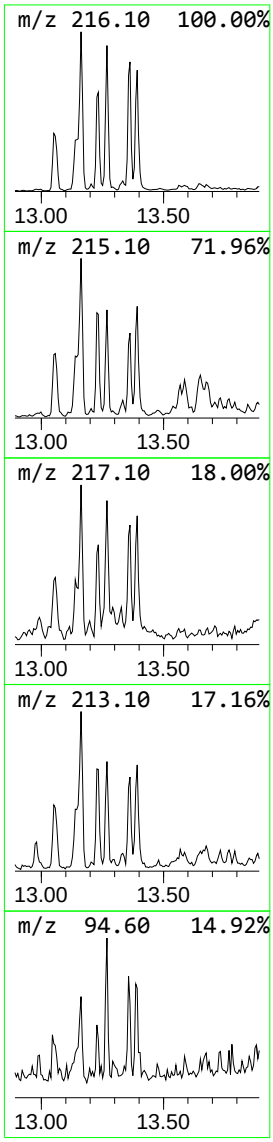
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	2.43 ng	203171	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89





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Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

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

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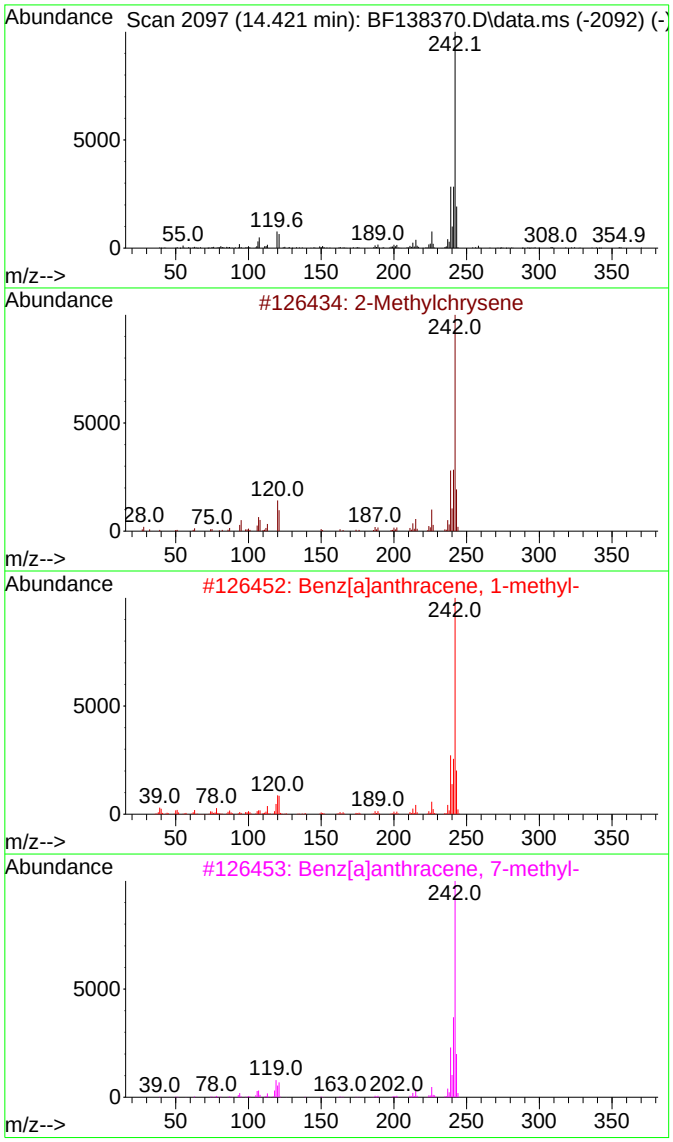
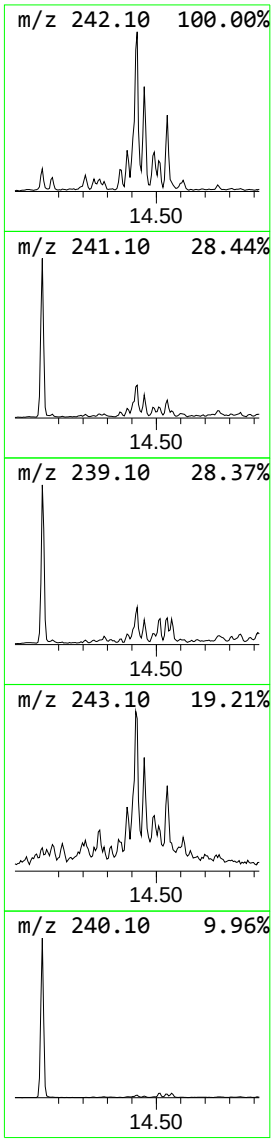
Peak Number 17 2-Methylchrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.421	2.67 ng	222860	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	93
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90





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Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

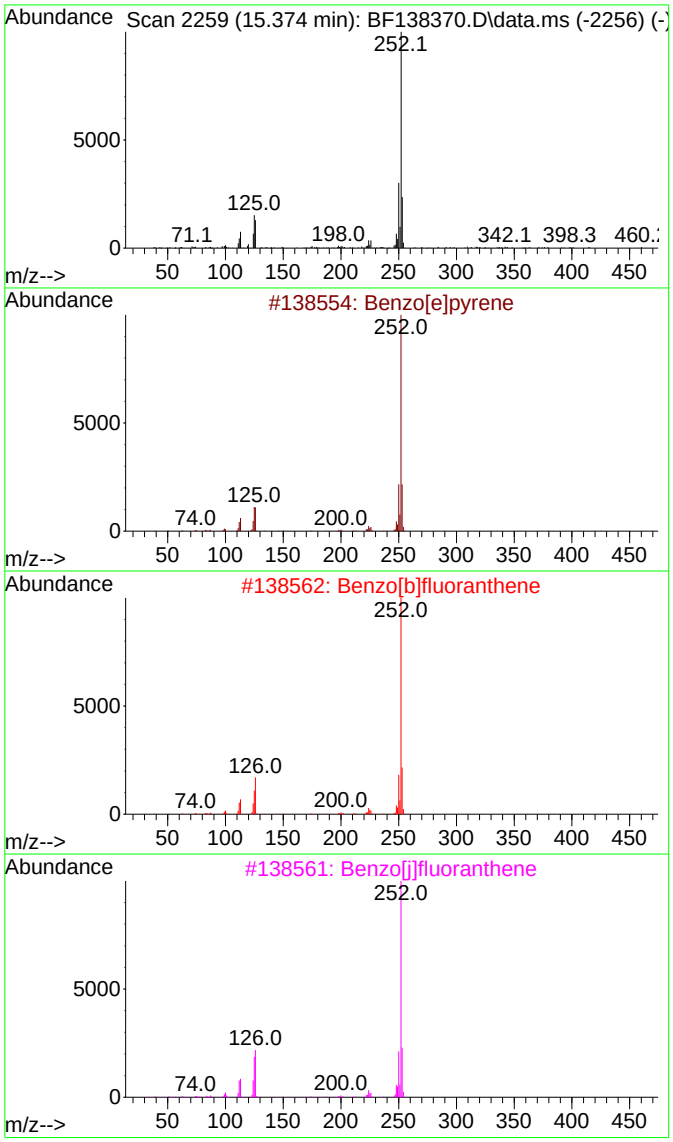
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

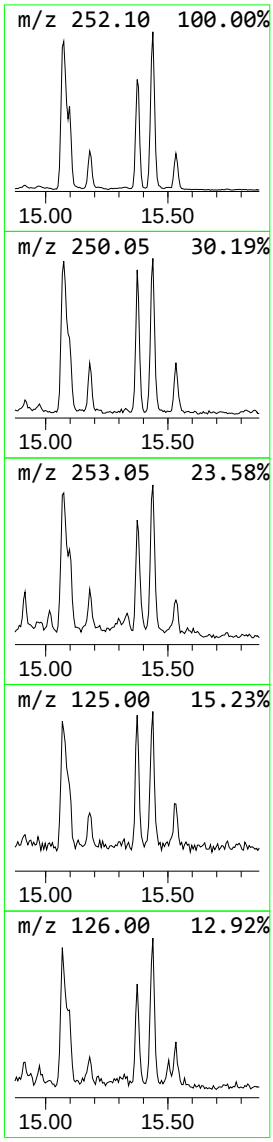
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	2.49 ng	132682	Perylene-d12	15.504

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	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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
Butane, 2-metho...	2.140	7.4	ng	484972	1	6.881	1312230	20.0
Naphthalene, 2,...	9.569	2.1	ng	177725	3	9.910	1720510	20.0
9H-Fluorene, 2-...	11.004	2.2	ng	154339	4	11.398	1375030	20.0
Phenanthrene, 2...	11.898	3.5	ng	242335	4	11.398	1375030	20.0
Anthracene, 2-m...	11.927	4.5	ng	309213	4	11.398	1375030	20.0
4H-Cyclopenta[d...	12.010	5.1	ng	353290	4	11.398	1375030	20.0
Phenanthrene, 1...	12.033	2.8	ng	192837	4	11.398	1375030	20.0
9,10-Dimethylan...	12.445	3.6	ng	250949	4	11.398	1375030	20.0
Phenanthrene, 3...	12.480	5.1	ng	350146	4	11.398	1375030	20.0
Phenanthrene, 2...	12.533	2.6	ng	179828	4	11.398	1375030	20.0
Pyrene, 1-methyl-	13.051	2.3	ng	188629	5	14.033	1669920	20.0
11H-Benzo[b]flu...	13.163	2.5	ng	204763	5	14.033	1669920	20.0
Pyrene, 4-methyl-	13.269	2.4	ng	199178	5	14.033	1669920	20.0
11H-Benzo[a]flu...	13.363	2.1	ng	176942	5	14.033	1669920	20.0
Pyrene, 2-methyl-	13.392	2.4	ng	203171	5	14.033	1669920	20.0
2-Methylchrysene	14.421	2.7	ng	222860	5	14.033	1669920	20.0
Benzo[e]pyrene	15.374	2.5	ng	132682	6	15.504	1066930	20.0