LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12(0.5-1)

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-BF052022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128446.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	471	474	480	rBV	17257	22368	1.28%	0.111%
2	5.469	538	541	562	rBV	1589458	1611641	92.29%	7.987%
3	6.486	710	714	729	rBV	1643327	1579605	90.46%	7.829%
4	6.586	729	731	741	rVB	35413	42738	2.45%	0.212%
5	6.845	771	775	782	rBV	594366	489679	28.04%	2.427%
6	7.410	867	871	879	rBV	1150088	1020196	58.42%	5.056%
7	8.127	989	993	995	rBV	694623	564073	32.30%	2.796%
8	8.151	995	997	999	rVB	54163	44987	2.58%	0.223%
9	9.198	1171	1175	1179	rBV	1728302	1593697	91.26%	7.898%
10	9.269	1182	1187	1190	rVB	22551	18876	1.08%	0.094%
11	9.745	1265	1268	1273	rVB	22953	22109	1.27%	0.110%
12	9.886	1288	1292	1295	rBV	619159	567804	32.52%	2.814%
13	9.916	1295	1297	1303	rVB	104587	78959	4.52%	0.391%
14	10.092	1321	1327	1330	rVB	60947	56543	3.24%	0.280%
15	10.433	1381	1385	1389	rBV	68069	57237	3.28%	0.284%
16	10.674	1423	1426	1436	rBV	937576	932192	53.38%	4.620%
17	10.774	1440	1443	1447	rBV3	19293	23793	1.36%	0.118%
18	10.980	1471	1478	1481	rBV5	15841	25953	1.49%	0.129%
19	11.186	1509	1513	1516	rBV	76351	65322	3.74%	0.324%
20	11.221	1516	1519	1522	rVV2	27761	31766	1.82%	0.157%
21	11.274	1525	1528	1533	rVB	54368	47848	2.74%	0.237%
22	11.374	1542	1545	1547	rBV	698512	601415	34.44%	2.981%
23	11.398	1547	1549	1553	rVV	798219	716642	41.04%	3.552%
24	11.451	1553	1558	1562	rVV	199704	184693	10.58%	0.915%
25	11.492	1562	1565	1569	rVB	22388	25119	1.44%	0.124%
26	11.616	1580	1586	1589	rBV2	114118	135778	7.78%	0.673%
27	11.710	1599	1602	1606	rVB3	13283	18958	1.09%	0.094%
28	11.751	1606	1609	1612	rBV	137468	113909	6.52%	0.565%
29	11.880	1627	1631	1632	rBV	72756	67346	3.86%	0.334%
30	11.904	1632	1635	1640	rVV2	121736	137007	7.85%	0.679%
31	11.957	1641	1644	1646	rVB	34471	28914	1.66%	0.143%
32	11.992	1646	1650	1652	rBV	126806	129748	7.43%	0.643%
33	12.015	1652	1654	1657	rVB	44158	35276	2.02%	0.175%
34	12.057	1659	1661	1664	rBV3	26401	28285	1.62%	0.140%
35	12.174	1677	1681	1684	rVB	68723	65831	3.77%	0.326%
36	12.210	1684	1687	1691	rBV	88405	74751	4.28%	0.370%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

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-BF052022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.321	1701	1706	1709	rBV4	26856	36014	2.06%	0.178%
38	12.380	1714	1716	1720	rVB3	21397	19138	1.10%	0.095%
39	12.427	1721	1724	1726	rBV	44558	50988	2.92%	0.253%
40	12.463	1726	1730	1733	rVV2	226031	223949	12.82%	1.110%
41	12.521	1736	1740	1743	rBV2	45286	60769	3.48%	0.301%
42	12.545	1743	1744	1748	rVB2	35723	27294	1.56%	0.135%
43	12.598	1749	1753	1756	rBV	1175586	1110483	63.59%	5.504%
44	12.657	1761	1763	1766	rBV	25116	22051	1.26%	0.109%
45	12.745	1775	1778	1780	rBV2	44392	36444	2.09%	0.181%
46	12.804	1785	1788	1789	rBV	214773	186445	10.68%	0.924%
47	12.827	1789	1792	1795	rVV	1003381	896831	51.36%	4.445%
48	12.868	1797	1799	1803	rVB2	47306	50498	2.89%	0.250%
49	12.962	1808	1815	1818	rBV	1891512	1746271	100.00%	8.655%
50	12.986	1818	1819	1824	rVB	58058	49939	2.86%	0.248%
51	13.045	1824	1829	1833	rBV3	64177	114096	6.53%	0.565%
52	13.080	1833	1835	1839	rVB	31524	31092	1.78%	0.154%
53	13.151	1840	1847	1850	rBV	132382	190561	10.91%	0.944%
54	13.215	1856	1858	1861	rBV	87237	76740	4.39%	0.380%
55	13.257	1861	1865	1867	rBV2	72797	83845	4.80%	0.416%
56	13.351	1878	1881	1883	rBV	44044	39998	2.29%	0.198%
57	13.380	1883	1886	1892	rBV3	42825	62523	3.58%	0.310%
58	13.433	1892	1895	1899	rBV3	37369	47968	2.75%	0.238%
59	13.515	1906	1909	1912	rBV4	35589	45988	2.63%	0.228%
60	13.668	1932	1935	1939	rVB	75565	67027	3.84%	0.332%
61	13.774	1950	1953	1955	rBV	116592	91644	5.25%	0.454%
62	13.798	1955	1957	1960	rBV	76368	55289	3.17%	0.274%
63	13.827	1960	1962	1963	rBV	62291	50560	2.90%	0.251%
64	13.880	1968	1971	1977	rVB2	117968	157049	8.99%	0.778%
65	13.986	1986	1989	1991	rBV	153279	158691	9.09%	0.786%
66	14.027	1991	1996	1998	rVV2	714977	1106656	63.37%	5.485%
67	14.051	1998	2000	2004	rVB	492164	414829	23.76%	2.056%
68	14.133	2012	2014	2016	rVB	77097	54476	3.12%	0.270%
69	15.074	2171	2174	2177	rBV	327604	463724	26.56%	2.298%
70	15.186	2191	2193	2198	rVB	63209	62206	3.56%	0.308%
71	15.386	2223	2227	2233	rVB	181798	209306	11.99%	1.037%
72	15.451	2234	2238	2242	rBV	251733	308537	17.67%	1.529%
73	15.509	2245	2248	2252	rVV2	243362	265732	15.22%	1.317%
74	17.015	2500	2504	2512	rVB	125918	240598	13.78%	1.192%

Sum of corrected areas: 20177307

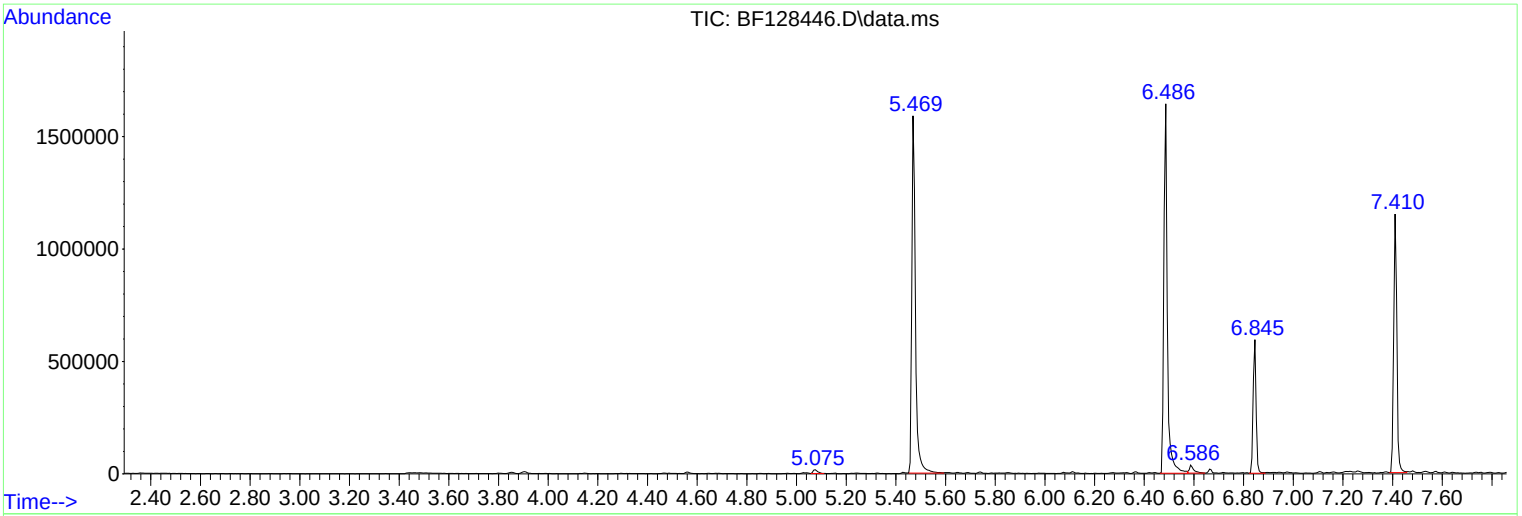
Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

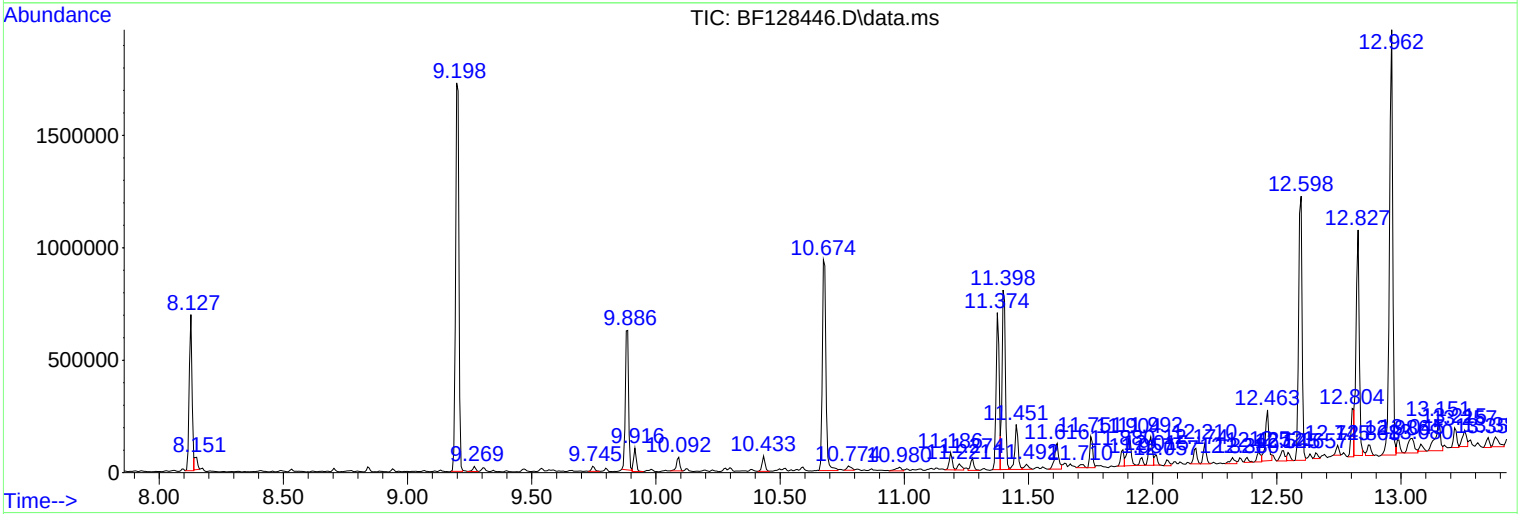
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

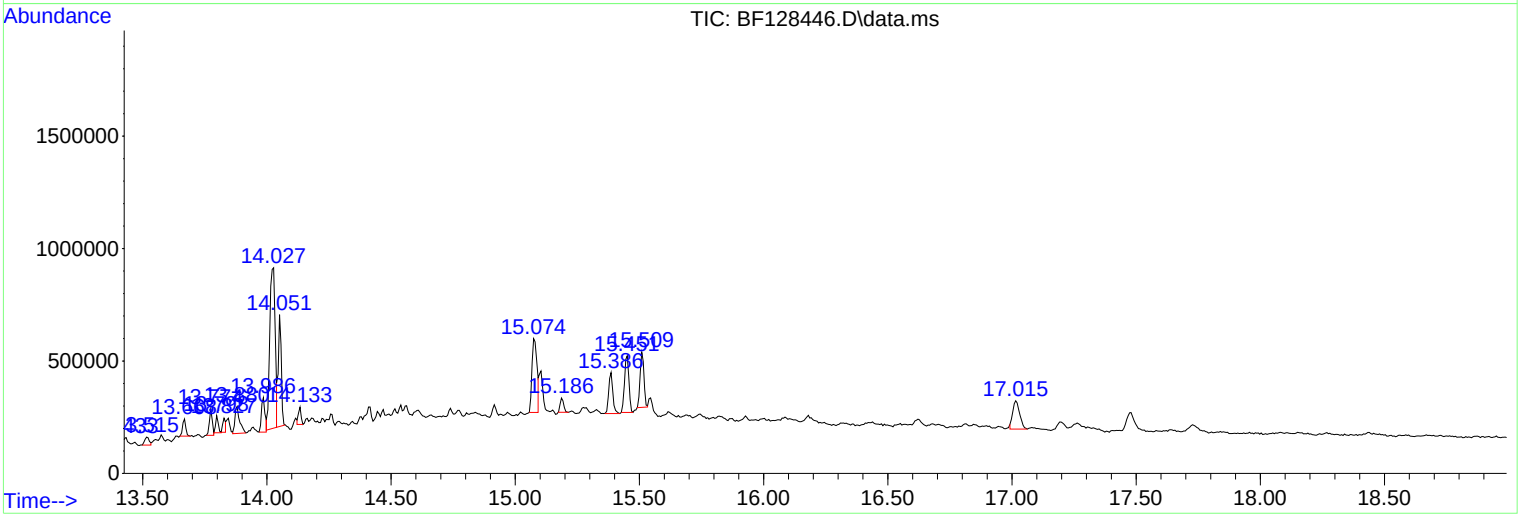
Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

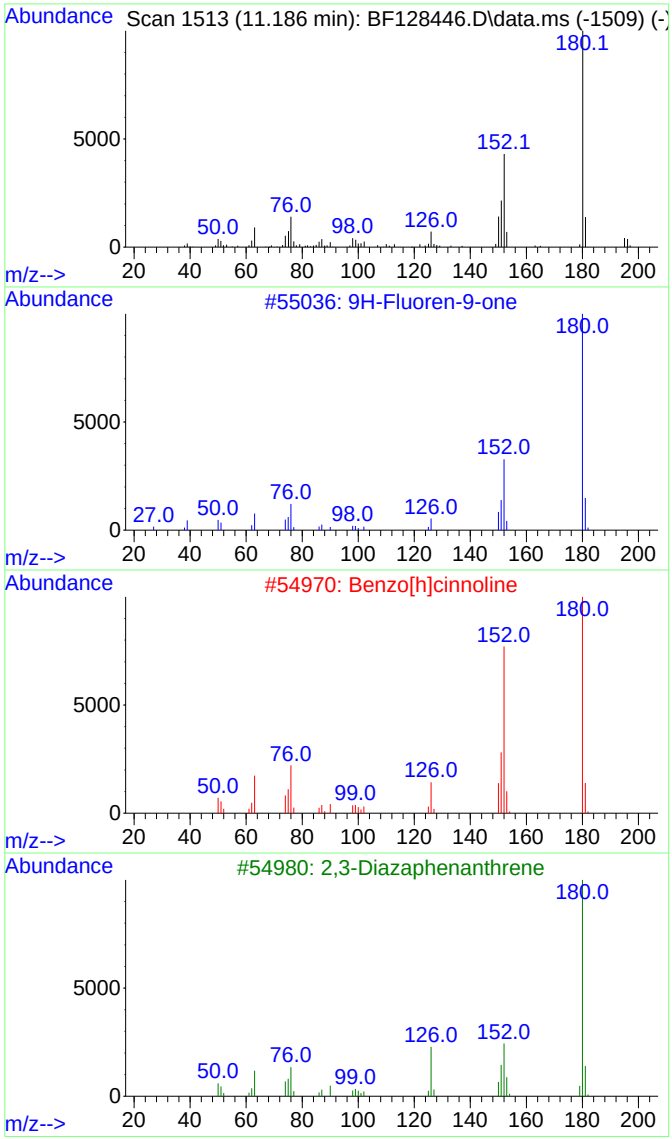
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

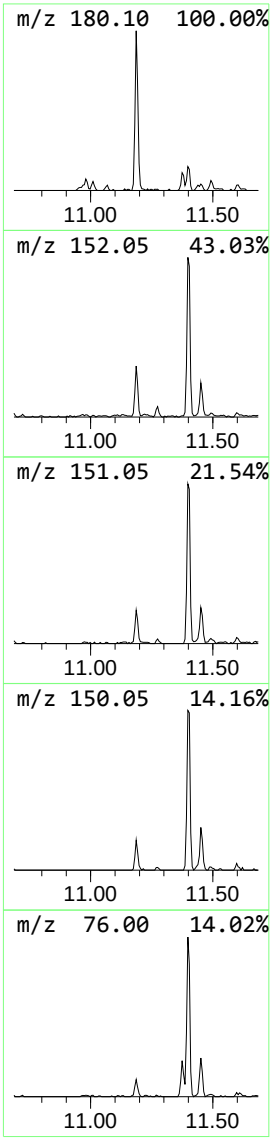
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.186	2.17 ng	65322	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	52
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52
5	2-Benzothiophen-4(5H)-one, 6,7-d...	180	C10H12OS	1000338-11-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

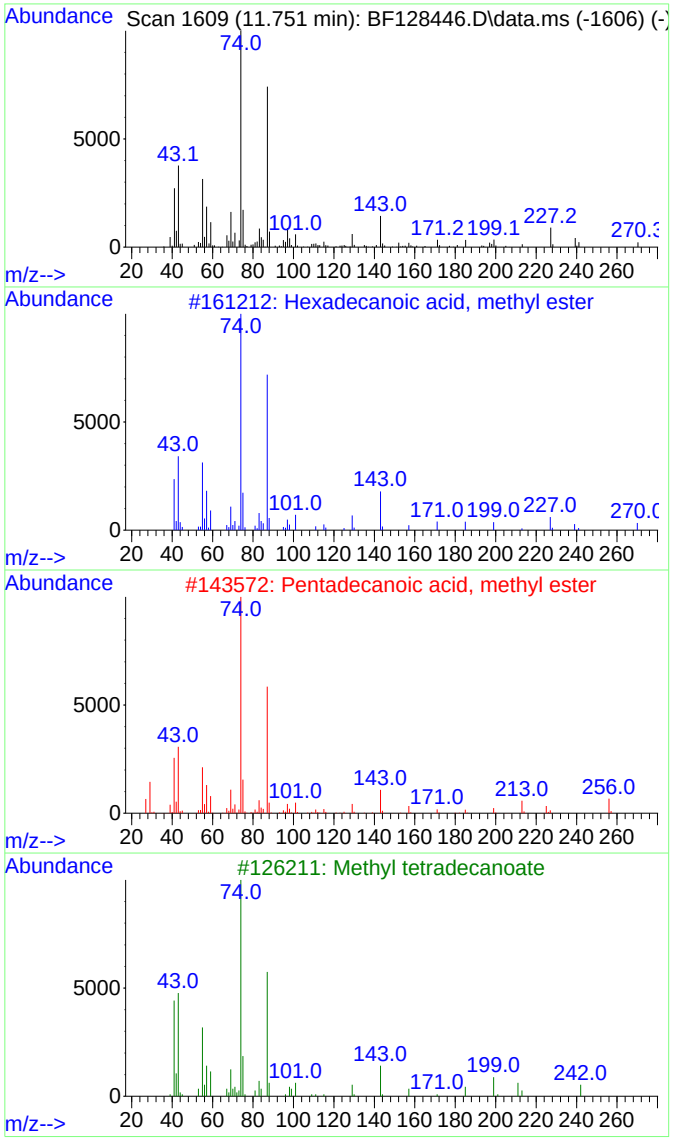
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

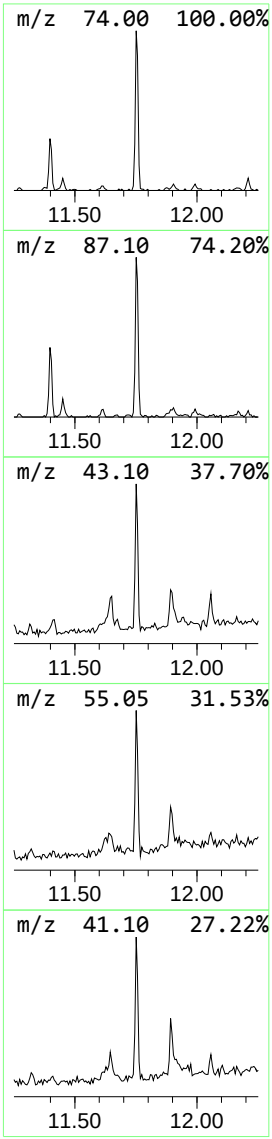
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	3.79 ng	113909	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

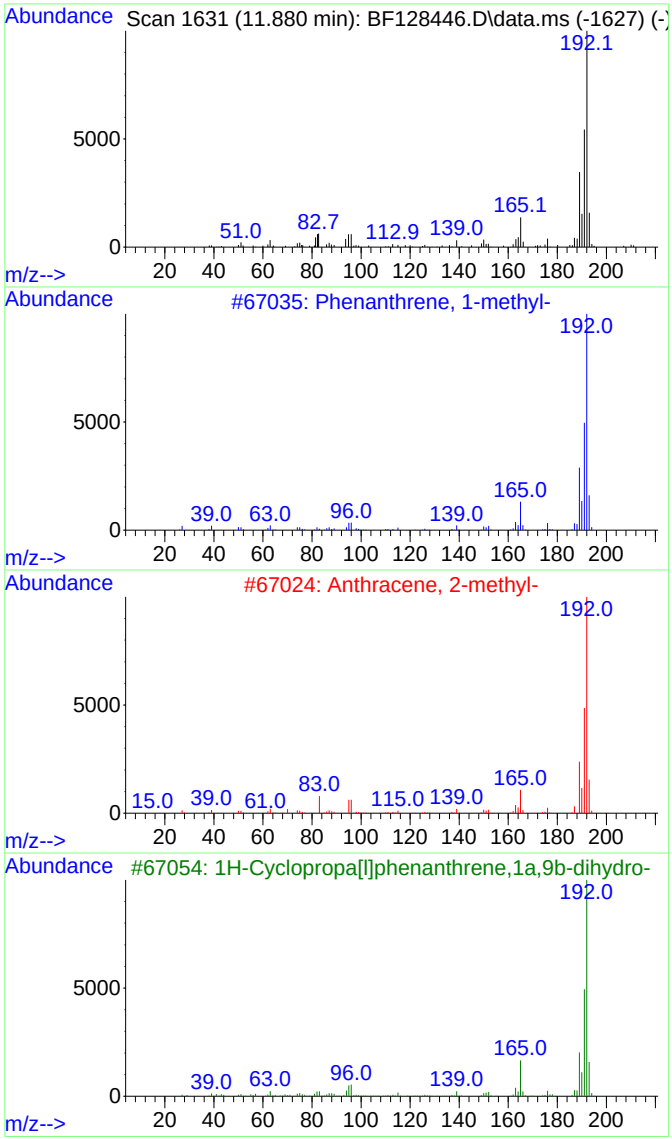
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

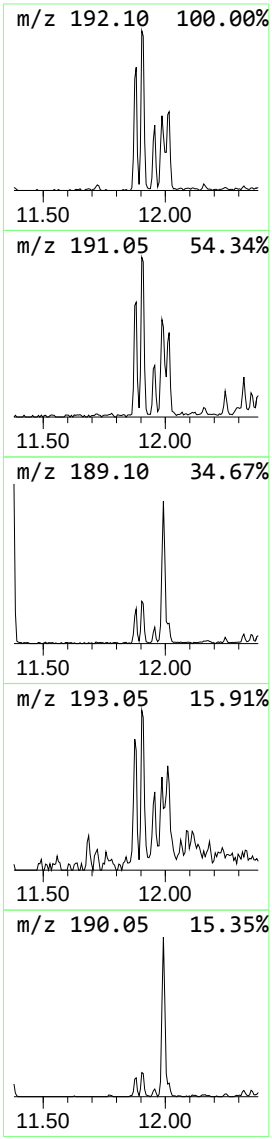
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	2.24 ng	67346	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
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Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

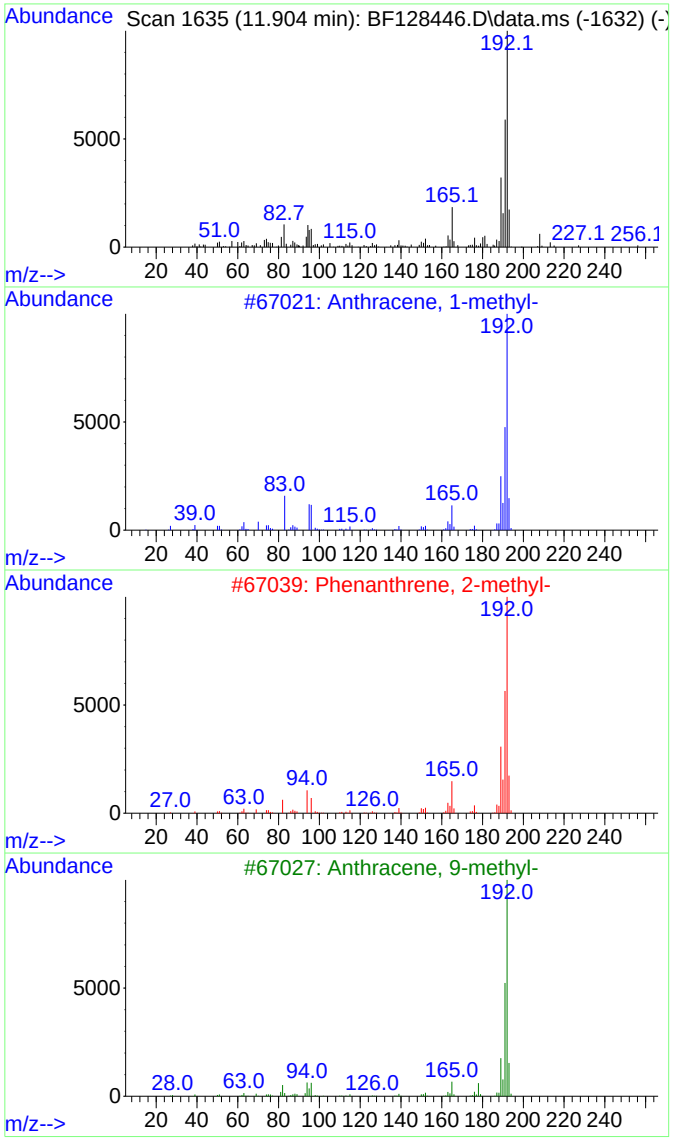
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

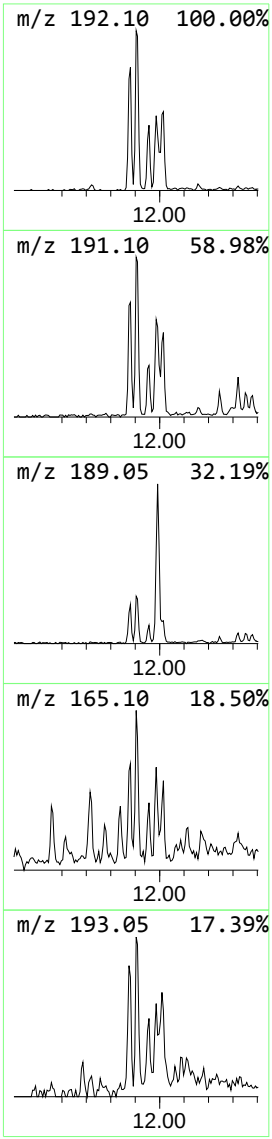
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	4.56 ng	137007	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

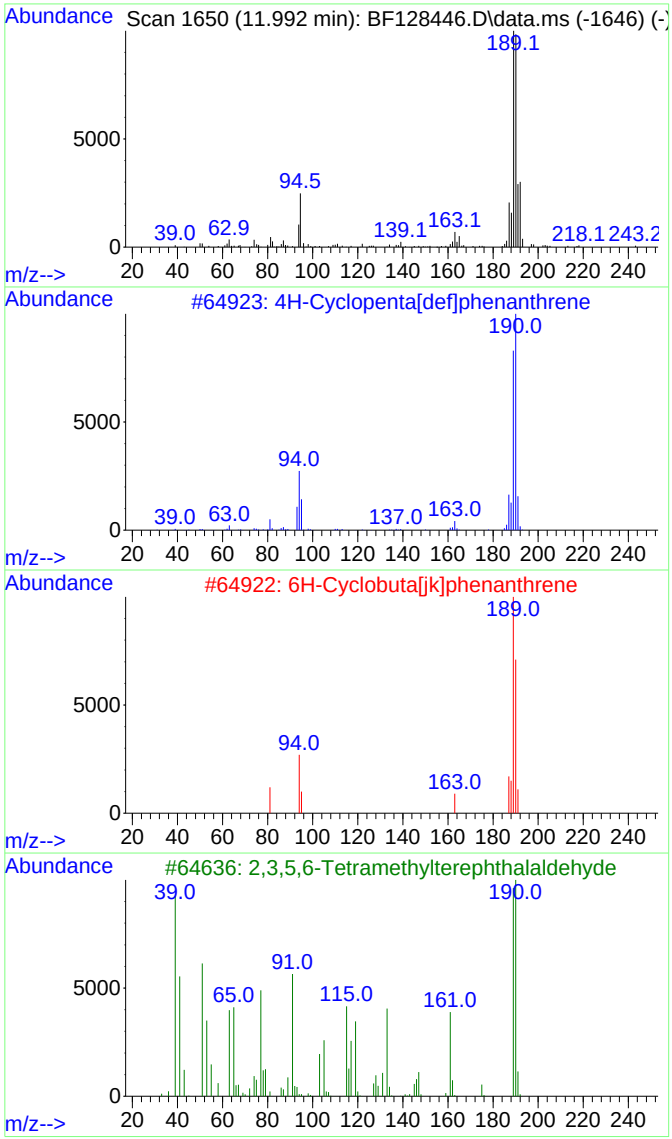
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

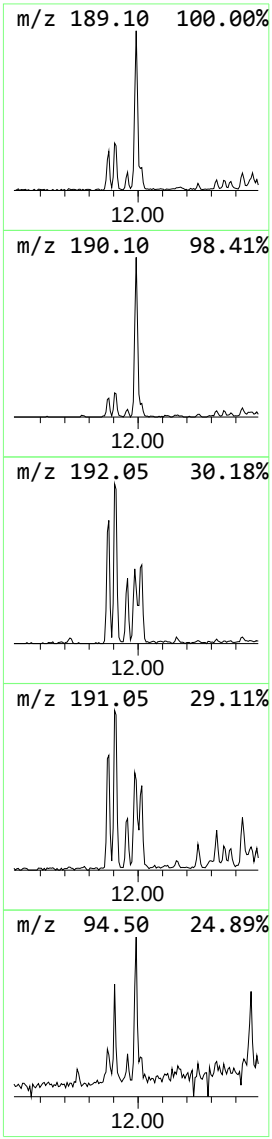
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	4.31 ng	129748	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
5	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

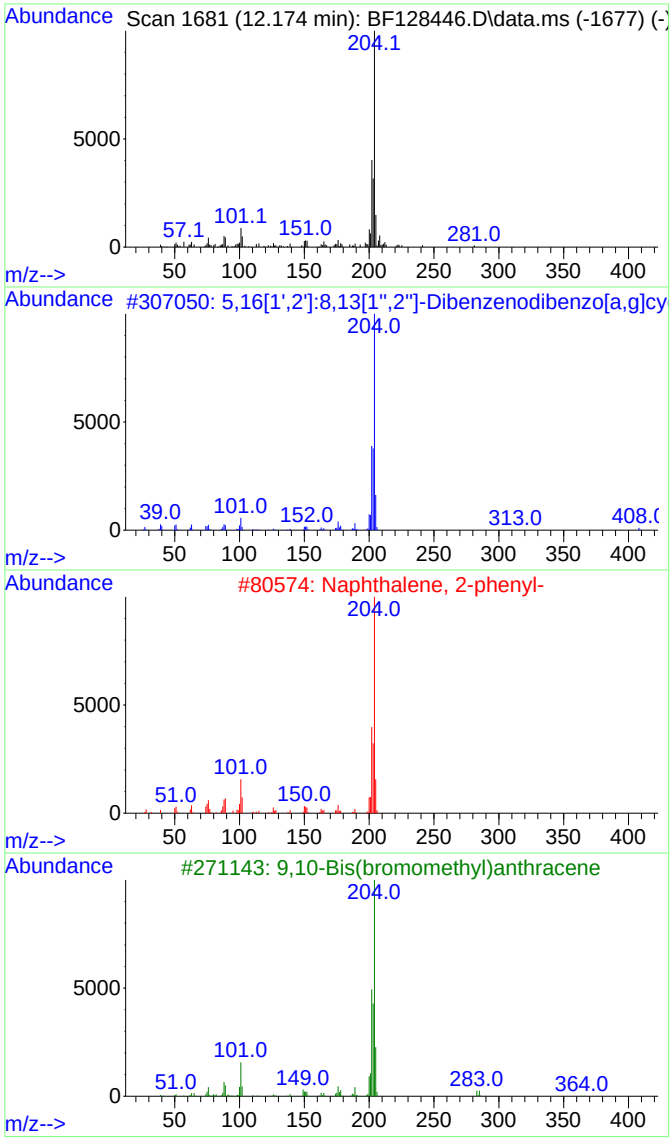
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

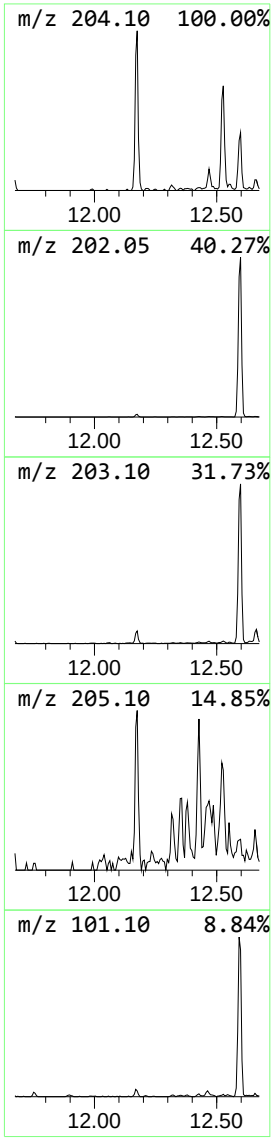
****

Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	2.19 ng	65831	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

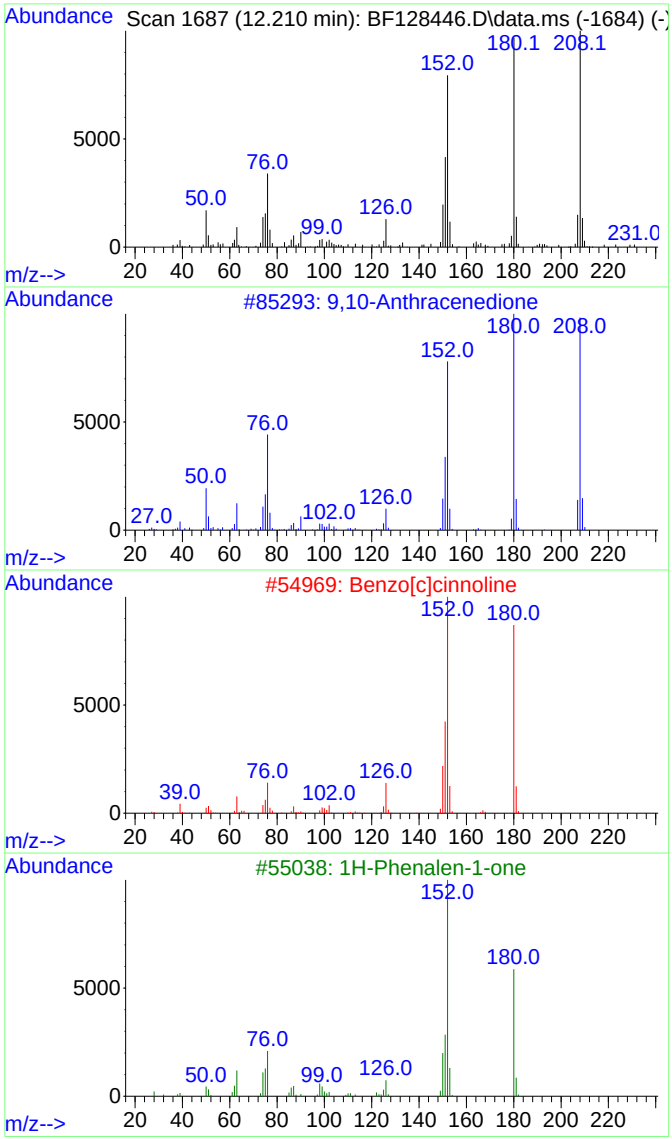
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

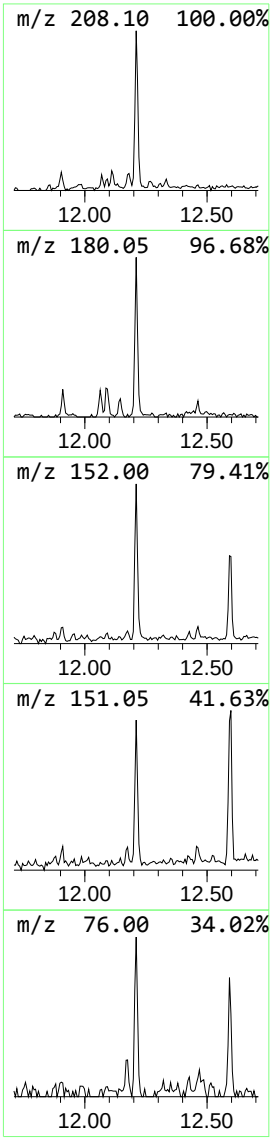
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	2.49 ng	74751	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12(0.5-1)

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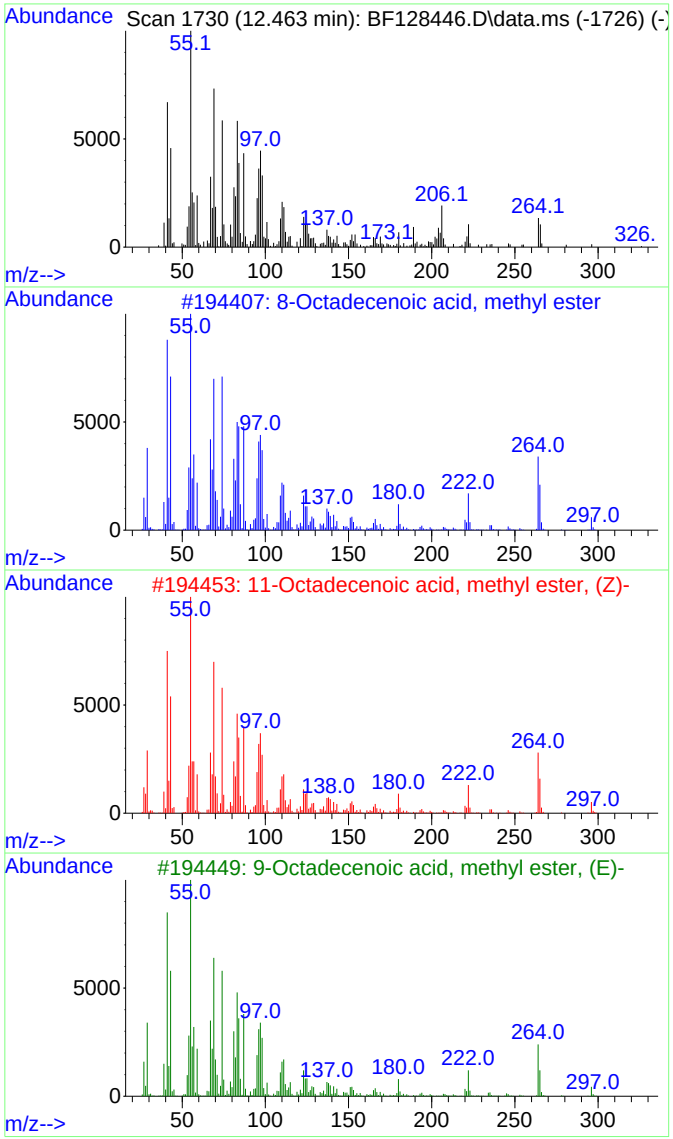
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

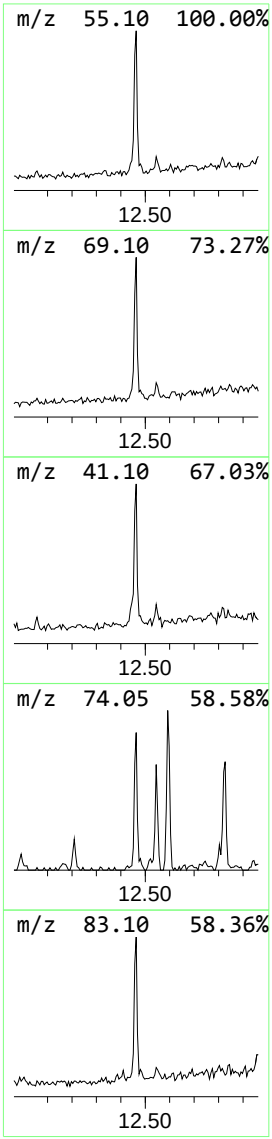
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 8-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	7.45 ng	223949	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

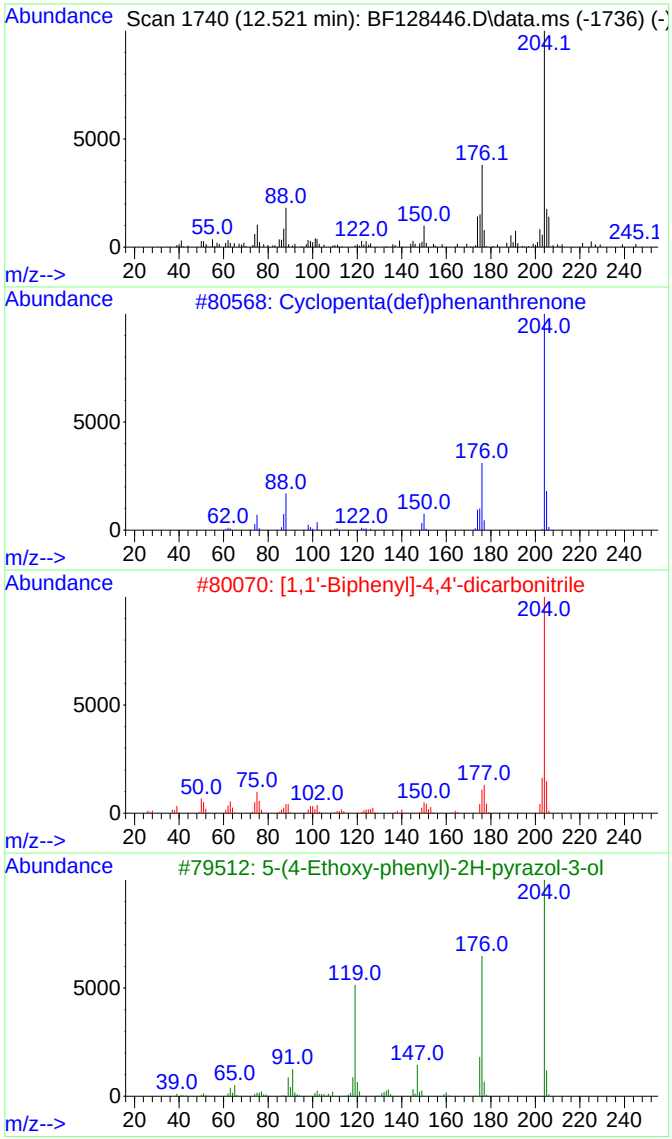
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

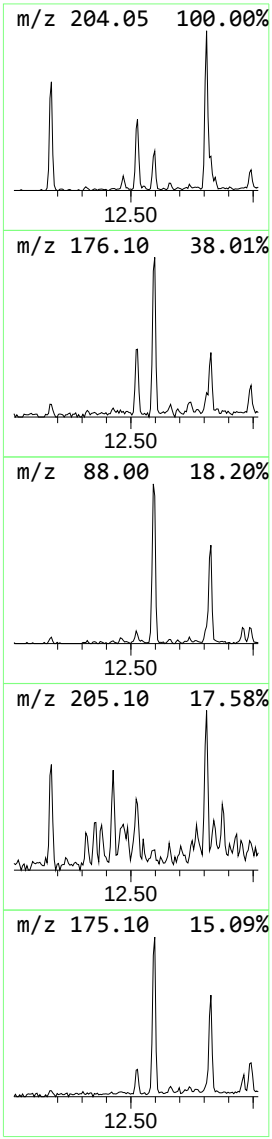
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.521	2.02 ng	60769	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
4	3-(4-Fluorophenoxy)phenol	204	C12H9FO2	025967-60-6	52
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	50





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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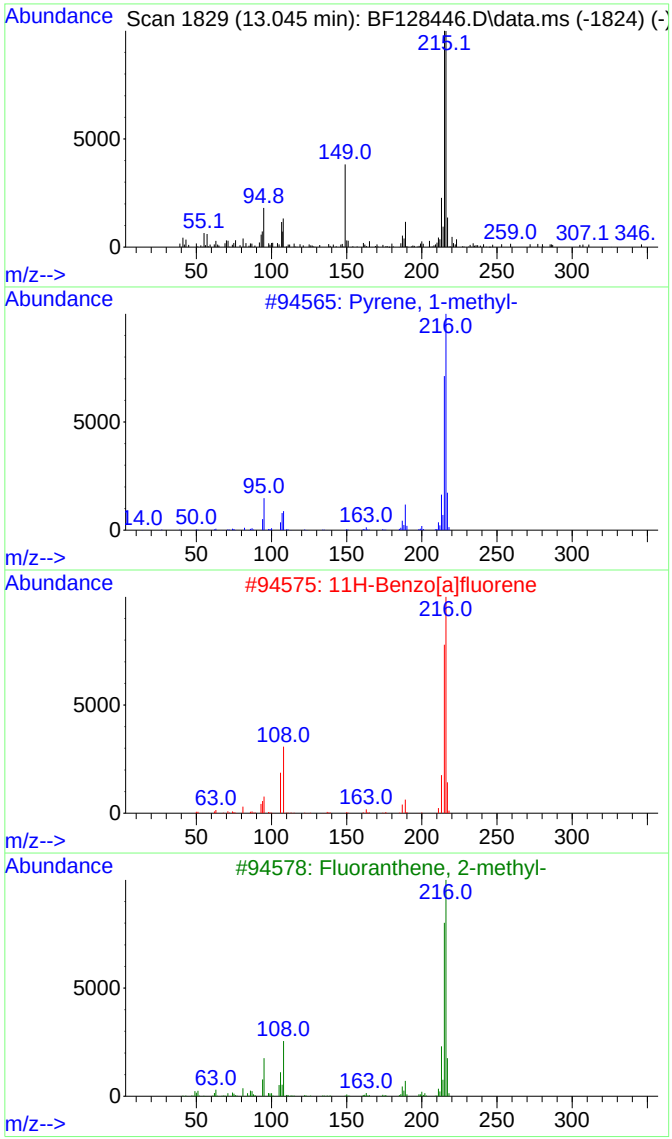
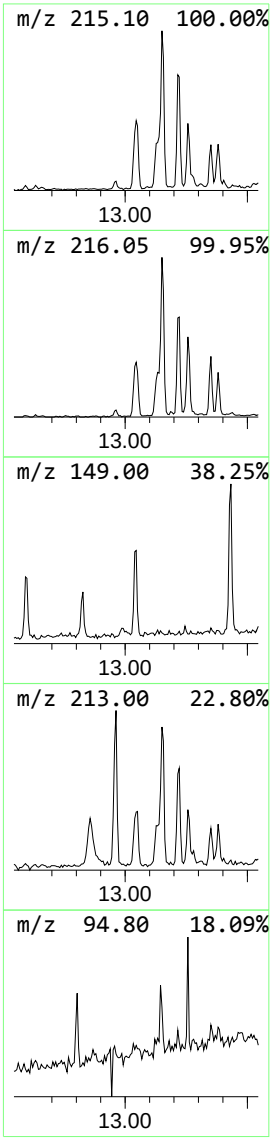
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	2.06 ng	114096	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	59





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Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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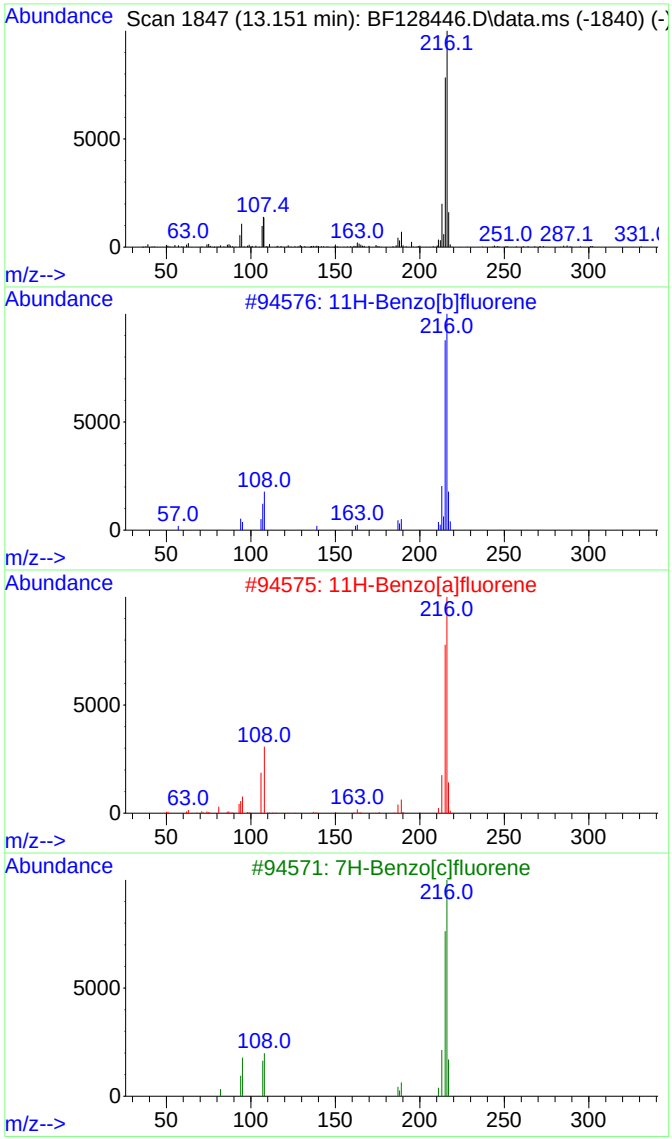
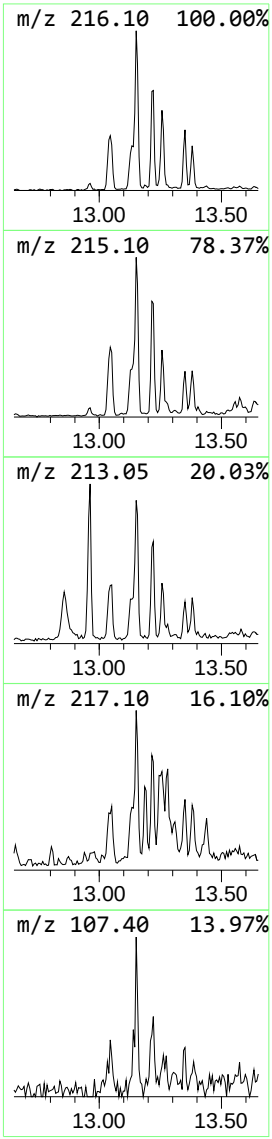
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	3.44 ng	190561	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Operator : CG\JU
Sample : N2981-07
Misc :
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Instrument :
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ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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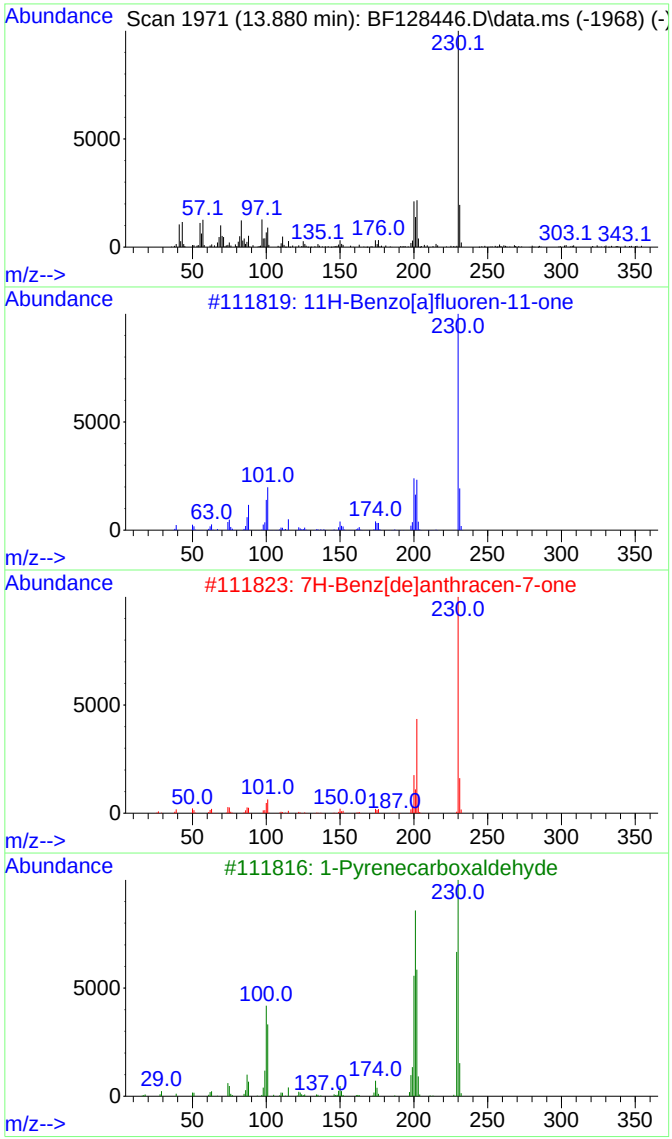
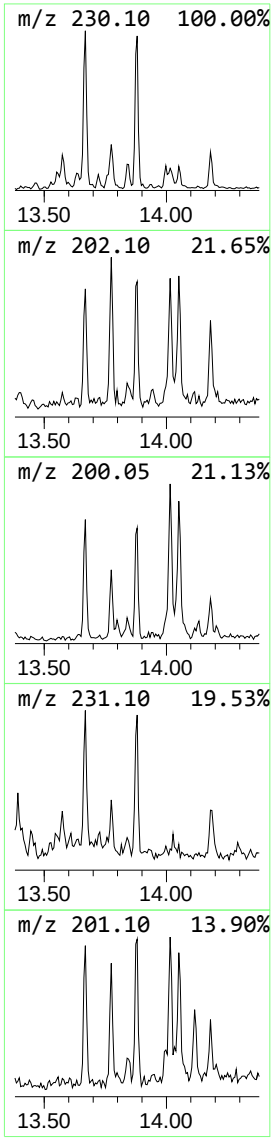
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	2.84 ng	157049	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	o-Terphenyl	230	C18H14	000084-15-1	64
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59





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Operator : CG\JU
Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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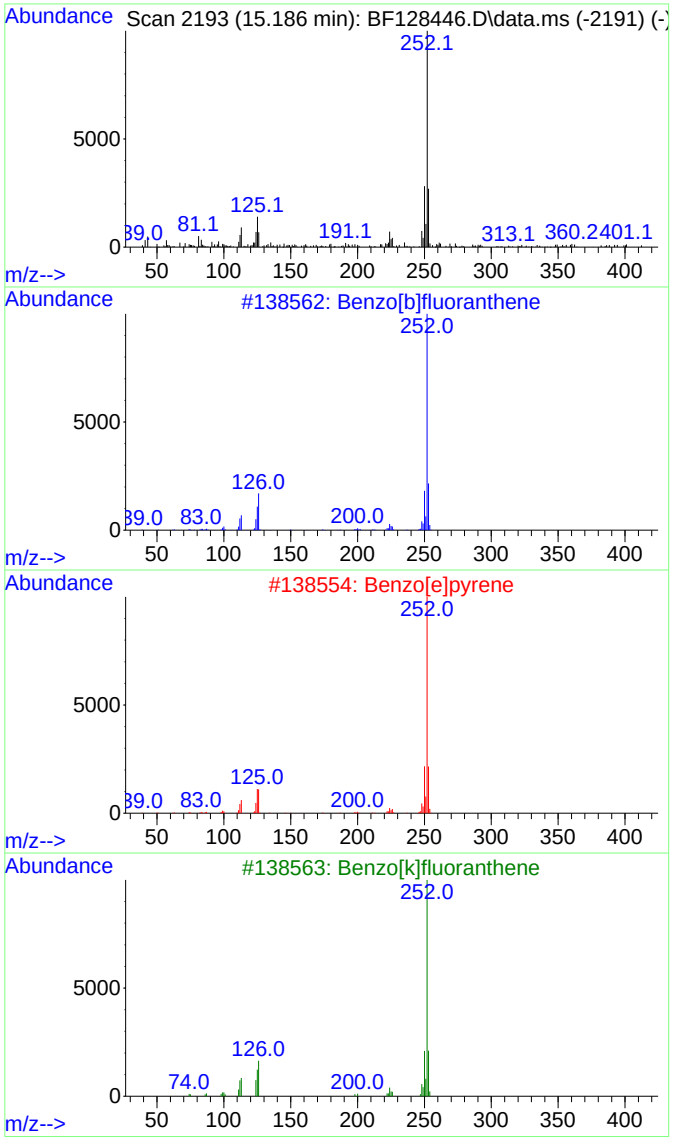
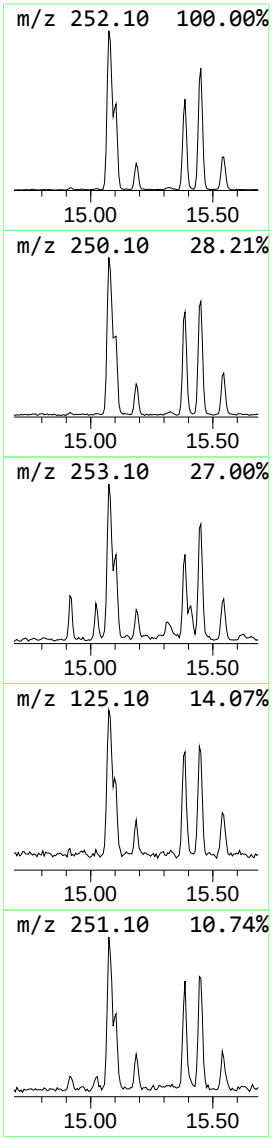
Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	4.68 ng	62206	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Perylene	252	C20H12	000198-55-0	86
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	78





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Acq On : 24 May 2022 20:41
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Sample : N2981-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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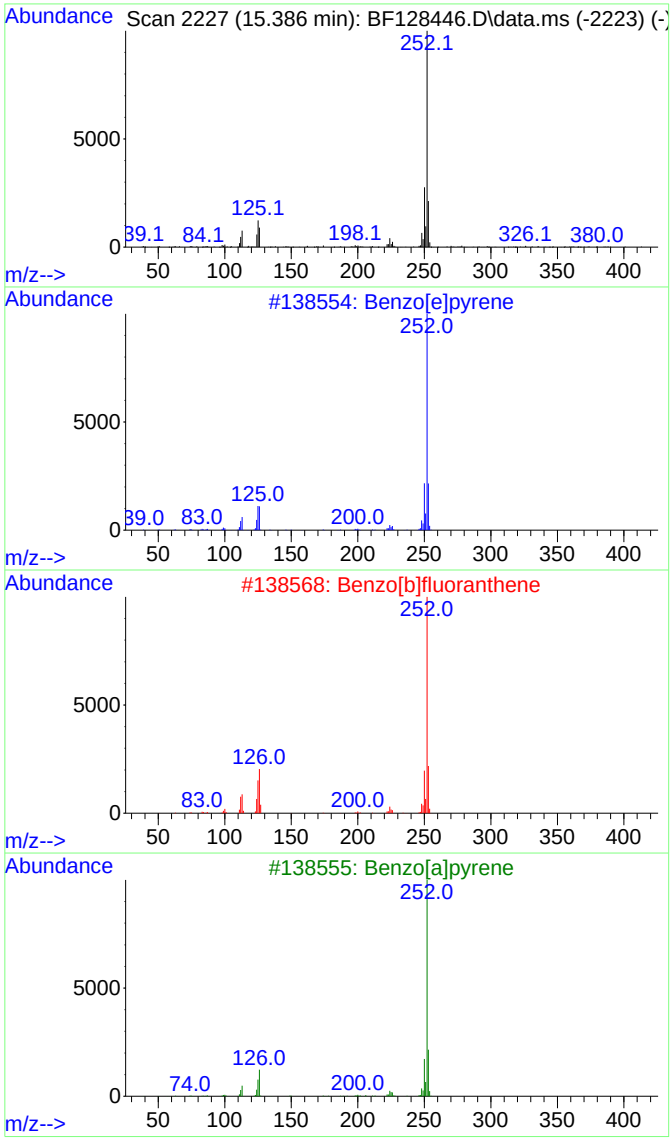
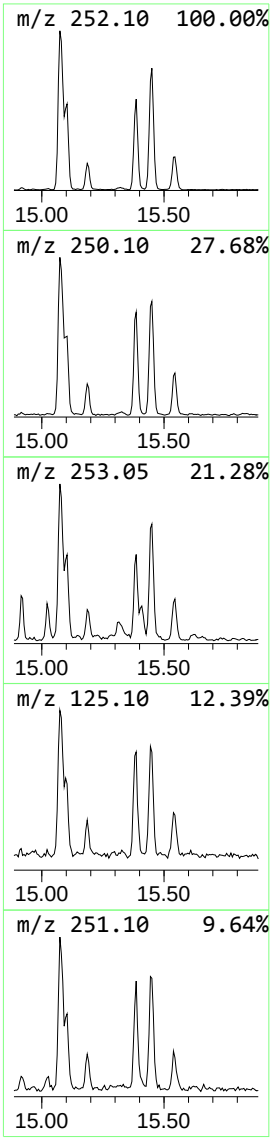
Peak Number 14 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	15.75 ng	209306	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128446.D
Acq On : 24 May 2022 20:41
Operator : CG\JU
Sample : N2981-07
Misc :
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Instrument :
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ClientSampleId :
SB-12(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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
9H-Fluoren-9-one	11.186	2.2	ng	65322	4	11.374	601415	20.0
Hexadecanoic ac...	11.751	3.8	ng	113909	4	11.374	601415	20.0
Phenanthrene, 1...	11.880	2.2	ng	67346	4	11.374	601415	20.0
Anthracene, 1-m...	11.904	4.6	ng	137007	4	11.374	601415	20.0
4H-Cyclopenta[d...	11.992	4.3	ng	129748	4	11.374	601415	20.0
5,16[1',2']:8,1...	12.174	2.2	ng	65831	4	11.374	601415	20.0
9,10-Anthracene...	12.210	2.5	ng	74751	4	11.374	601415	20.0
8-Octadecenoic ...	12.463	7.5	ng	223949	4	11.374	601415	20.0
Cyclopenta(def)...	12.521	2.0	ng	60769	4	11.374	601415	20.0
Pyrene, 1-methyl-	13.045	2.1	ng	114096	5	14.027	1106660	20.0
11H-Benzo[b]flu...	13.151	3.4	ng	190561	5	14.027	1106660	20.0
11H-Benzo[a]flu...	13.880	2.8	ng	157049	5	14.027	1106660	20.0
Benzo[e]pyrene	15.186	4.7	ng	62206	6	15.509	265732	20.0
Perylene	15.386	15.8	ng	209306	6	15.509	265732	20.0