LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137778.D
Acq On : 30 Apr 2024 19:02
Operator : CG\JU
Sample : P2310-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-042924

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-BF043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137778.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.387	47	51	56	rVB	45443	57802	3.16%	0.316%
2	5.663	605	608	612	rBV	365758	339998	18.61%	1.860%
3	6.657	773	777	786	rBV	428578	340792	18.66%	1.864%
4	7.057	841	845	848	rBV	1626761	1303817	71.38%	7.133%
5	7.610	935	939	942	rBV	270644	204190	11.18%	1.117%
6	8.339	1059	1063	1066	rBV	2159445	1734742	94.97%	9.491%
7	9.157	1196	1202	1205	rBV2	24958	26347	1.44%	0.144%
8	9.410	1242	1245	1249	rBV	601262	458115	25.08%	2.506%
9	9.686	1286	1292	1295	rBV3	34200	49728	2.72%	0.272%
10	9.757	1296	1304	1306	rBV	59640	63644	3.48%	0.348%
11	9.781	1306	1308	1310	rVV	31171	22131	1.21%	0.121%
12	9.875	1320	1324	1326	rBV	35081	35597	1.95%	0.195%
13	9.963	1333	1339	1342	rBV2	70204	63394	3.47%	0.347%
14	10.016	1343	1348	1350	rVV	30880	27854	1.52%	0.152%
15	10.104	1359	1363	1366	rVB	2164867	1826619	100.00%	9.993%
16	10.133	1366	1368	1371	rVB	50804	35702	1.95%	0.195%
17	10.304	1394	1397	1400	rVB2	63848	62941	3.45%	0.344%
18	10.339	1400	1403	1407	rVB2	41236	34948	1.91%	0.191%
19	10.416	1412	1416	1418	rBV2	32368	34310	1.88%	0.188%
20	10.445	1418	1421	1425	rVB	28283	27227	1.49%	0.149%
21	10.516	1426	1433	1437	rBV2	43226	63432	3.47%	0.347%
22	10.651	1452	1456	1462	rVB	169361	156459	8.57%	0.856%
23	10.804	1477	1482	1486	rVB3	39477	48078	2.63%	0.263%
24	10.886	1493	1496	1501	rVB	265386	225324	12.34%	1.233%
25	10.992	1511	1514	1515	rBV	29478	24745	1.35%	0.135%
26	11.198	1544	1549	1551	rBV2	57681	65517	3.59%	0.358%
27	11.228	1551	1554	1557	rVB2	36322	29408	1.61%	0.161%
28	11.280	1561	1563	1566	rVB	29285	25719	1.41%	0.141%
29	11.322	1566	1570	1572	rBV2	23580	28906	1.58%	0.158%
30	11.398	1581	1583	1586	rVB2	24418	23071	1.26%	0.126%
31	11.439	1587	1590	1593	rVV	42280	39326	2.15%	0.215%
32	11.492	1597	1599	1604	rVB	66716	53496	2.93%	0.293%
33	11.598	1613	1617	1619	rBV	1822330	1518734	83.14%	8.309%
34	11.622	1619	1621	1624	rVV	1059555	776549	42.51%	4.249%
35	11.669	1627	1629	1632	rVV	210093	186956	10.24%	1.023%
36	11.698	1632	1634	1638	rVB3	18401	23954	1.31%	0.131%

LSC Area Percent Report

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Acq On : 30 Apr 2024 19:02
Operator : CG\JU
Sample : P2310-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-042924

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-BF043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.822	1652	1655	1661	rBV	43949	53363	2.92%	0.292%
38	11.927	1670	1673	1676	rVB2	37871	34819	1.91%	0.190%
39	12.010	1684	1687	1691	rBV	20392	23056	1.26%	0.126%
40	12.098	1698	1702	1704	rBV	188279	164061	8.98%	0.898%
41	12.127	1704	1707	1711	rVV	179600	153754	8.42%	0.841%
42	12.175	1712	1715	1718	rVV	59502	51436	2.82%	0.281%
43	12.216	1718	1722	1724	rVV2	187416	229999	12.59%	1.258%
44	12.233	1724	1725	1728	rVB	98928	56302	3.08%	0.308%
45	12.392	1749	1752	1754	rBV	83724	68733	3.76%	0.376%
46	12.416	1754	1756	1760	rVB2	35263	33002	1.81%	0.181%
47	12.575	1780	1783	1785	rVB	28210	20846	1.14%	0.114%
48	12.651	1792	1796	1799	rBV	66170	88177	4.83%	0.482%
49	12.686	1799	1802	1804	rVV2	41489	50902	2.79%	0.278%
50	12.733	1807	1810	1814	rBV2	41475	54125	2.96%	0.296%
51	12.816	1820	1824	1827	rBV	997661	805104	44.08%	4.405%
52	12.857	1828	1831	1833	rBV	26063	21191	1.16%	0.116%
53	12.910	1838	1840	1843	rVB	31195	26864	1.47%	0.147%
54	12.969	1848	1850	1852	rBV	32486	29612	1.62%	0.162%
55	13.027	1857	1860	1861	rBV2	119137	121349	6.64%	0.664%
56	13.045	1861	1863	1869	rVB	749021	646042	35.37%	3.534%
57	13.092	1869	1871	1876	rVB2	43229	49918	2.73%	0.273%
58	13.180	1879	1886	1889	rBV	404162	368132	20.15%	2.014%
59	13.263	1895	1900	1904	rBV3	62474	110044	6.02%	0.602%
60	13.345	1912	1914	1916	rBV3	37050	42003	2.30%	0.230%
61	13.374	1916	1919	1922	rVB	133091	125363	6.86%	0.686%
62	13.439	1927	1930	1933	rVB2	113705	84566	4.63%	0.463%
63	13.480	1933	1937	1939	rBV2	73296	80861	4.43%	0.442%
64	13.574	1950	1953	1955	rBV	44450	41449	2.27%	0.227%
65	13.604	1956	1958	1960	rVV2	37255	30275	1.66%	0.166%
66	13.880	2003	2005	2009	rVB	44023	42034	2.30%	0.230%
67	14.027	2027	2030	2031	rBV	54862	46181	2.53%	0.253%
68	14.051	2031	2034	2035	rBV	36208	35670	1.95%	0.195%
69	14.245	2062	2067	2070	rBV2	1481970	1724160	94.39%	9.433%
70	14.274	2070	2072	2078	rVB	359456	321393	17.59%	1.758%
71	14.392	2089	2092	2096	rBV2	76357	75978	4.16%	0.416%
72	15.345	2250	2254	2258	rBV	283961	493987	27.04%	2.703%
73	15.680	2309	2311	2317	rVB	163225	195521	10.70%	1.070%
74	15.751	2319	2323	2329	rBV	239085	347897	19.05%	1.903%
75	15.821	2331	2335	2340	rBV	962436	1290439	70.65%	7.060%

LSC Area Percent Report

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Acq On : 30 Apr 2024 19:02
Operator : CG\JU
Sample : P2310-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-042924

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-BF043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

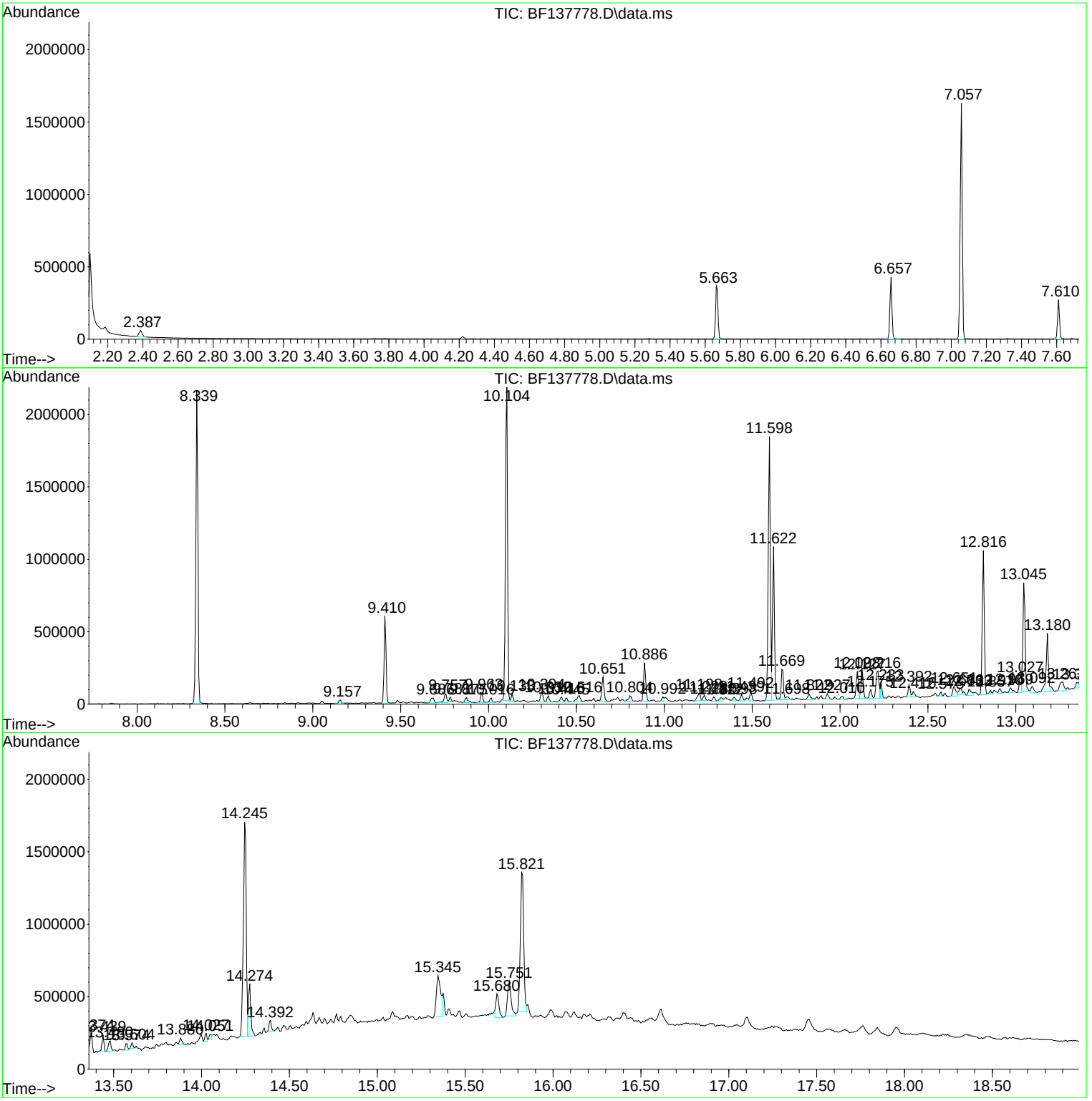
Sum of corrected areas: 18278180

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137778.D
Acq On : 30 Apr 2024 19:02
Operator : CG\JU
Sample : P2310-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-042924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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\BF043024\
Data File : BF137778.D
Acq On : 30 Apr 2024 19:02
Operator : CG\JU
Sample : P2310-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-042924

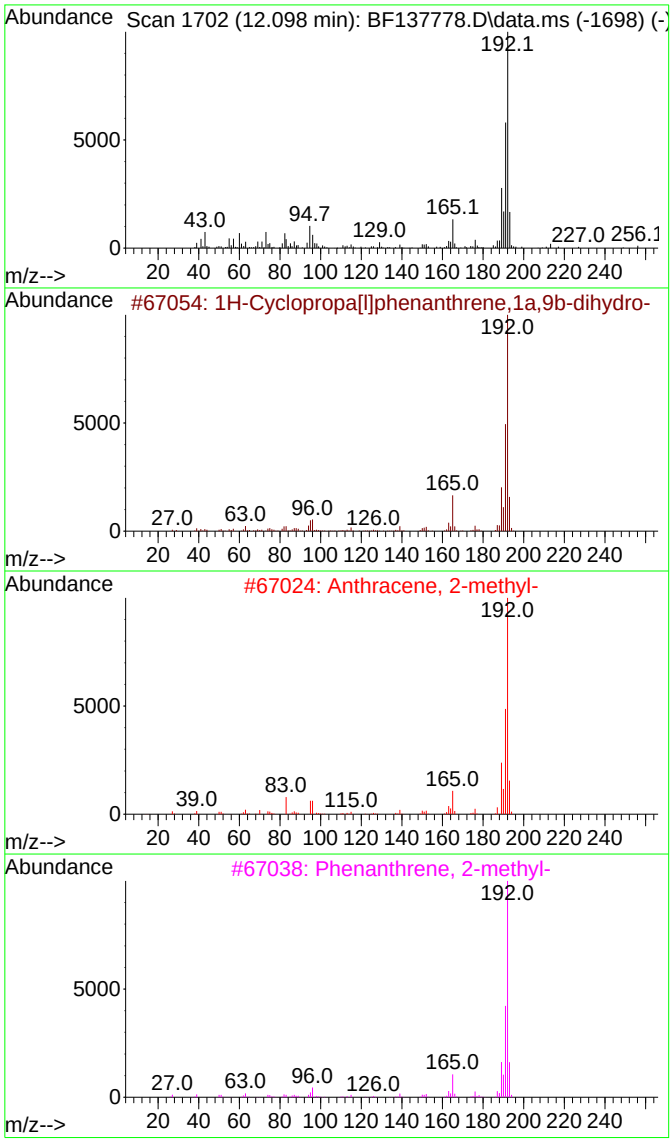
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

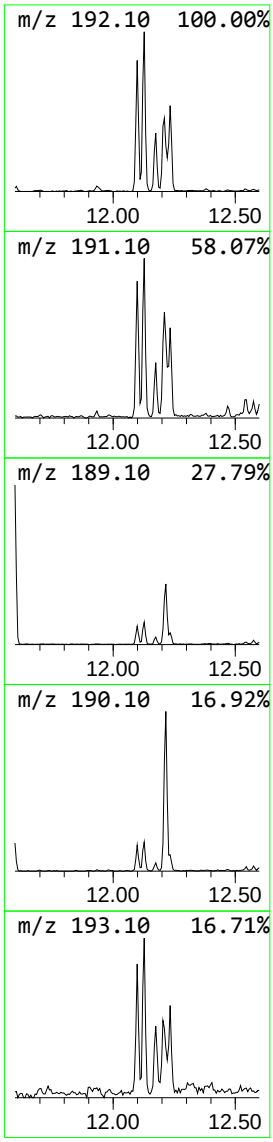
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	2.16 ng	164061	Phenanthrene-d10	11.598

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137778.D
Acq On : 30 Apr 2024 19:02
Operator : CG\JU
Sample : P2310-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-042924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

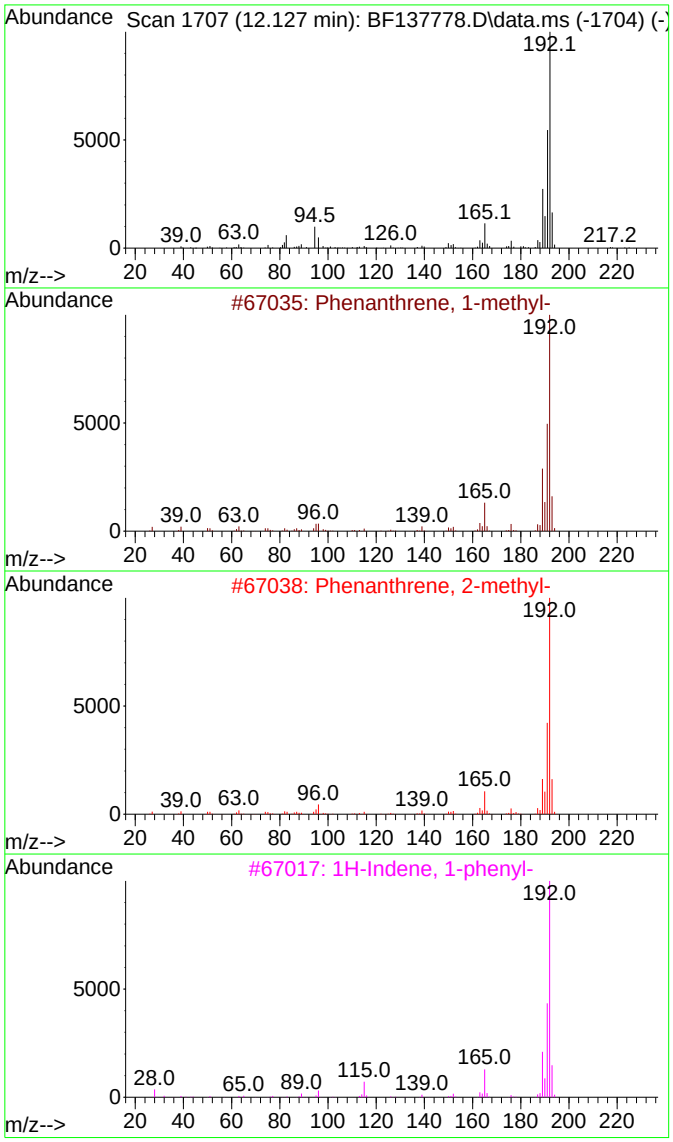
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

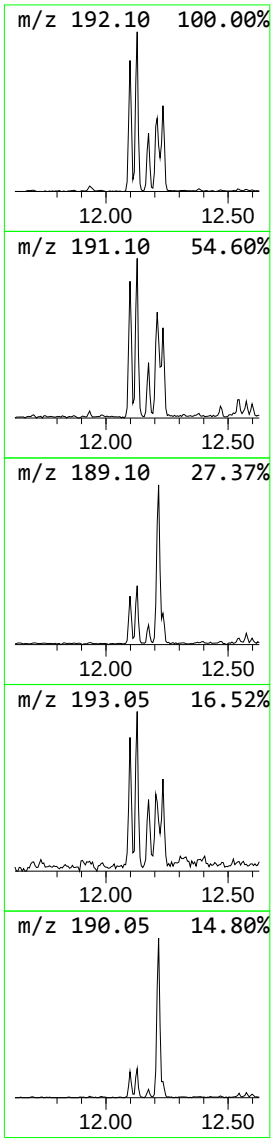
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.128	2.02 ng	153754	Phenanthrene-d10	11.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137778.D
Acq On : 30 Apr 2024 19:02
Operator : CG\JU
Sample : P2310-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-042924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

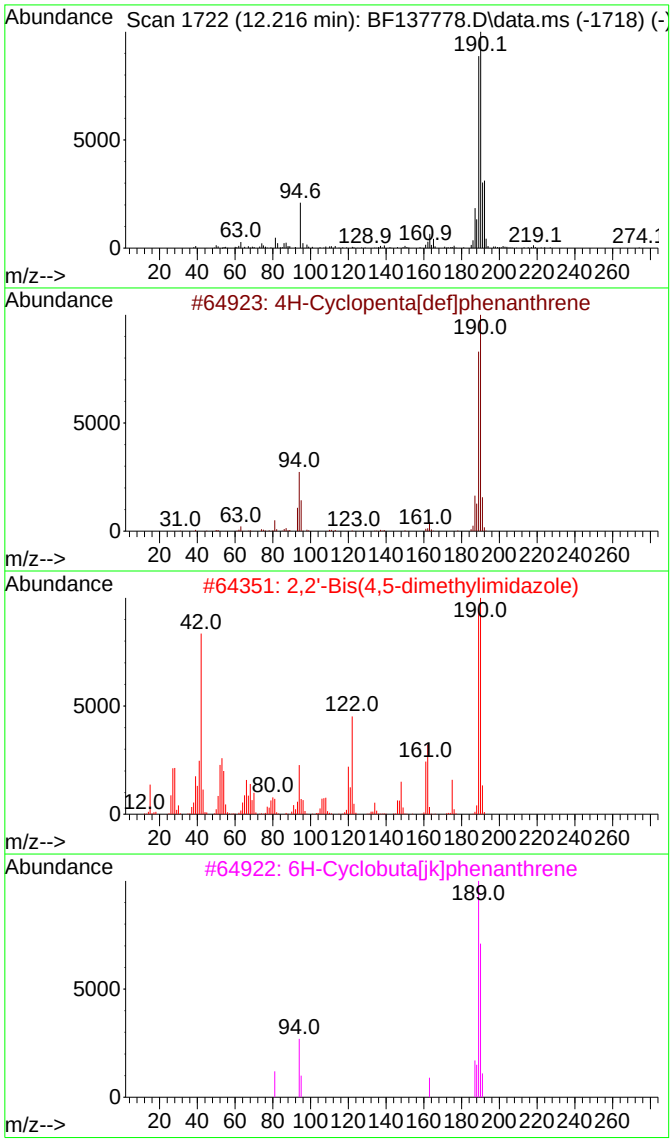
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

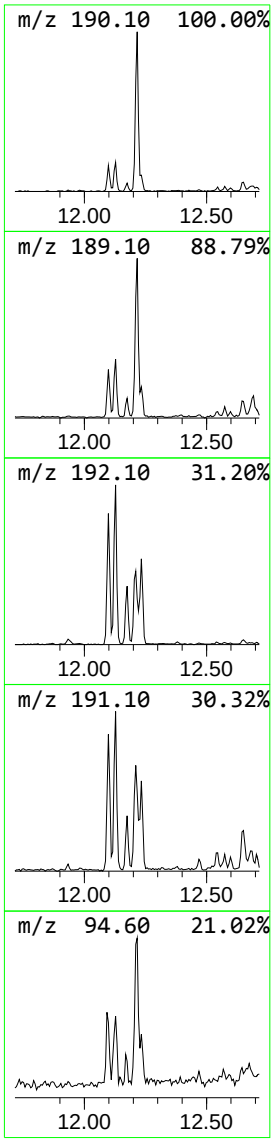
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	3.03 ng	229999	Phenanthrene-d10	11.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	33
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137778.D
Acq On : 30 Apr 2024 19:02
Operator : CG\JU
Sample : P2310-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-042924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

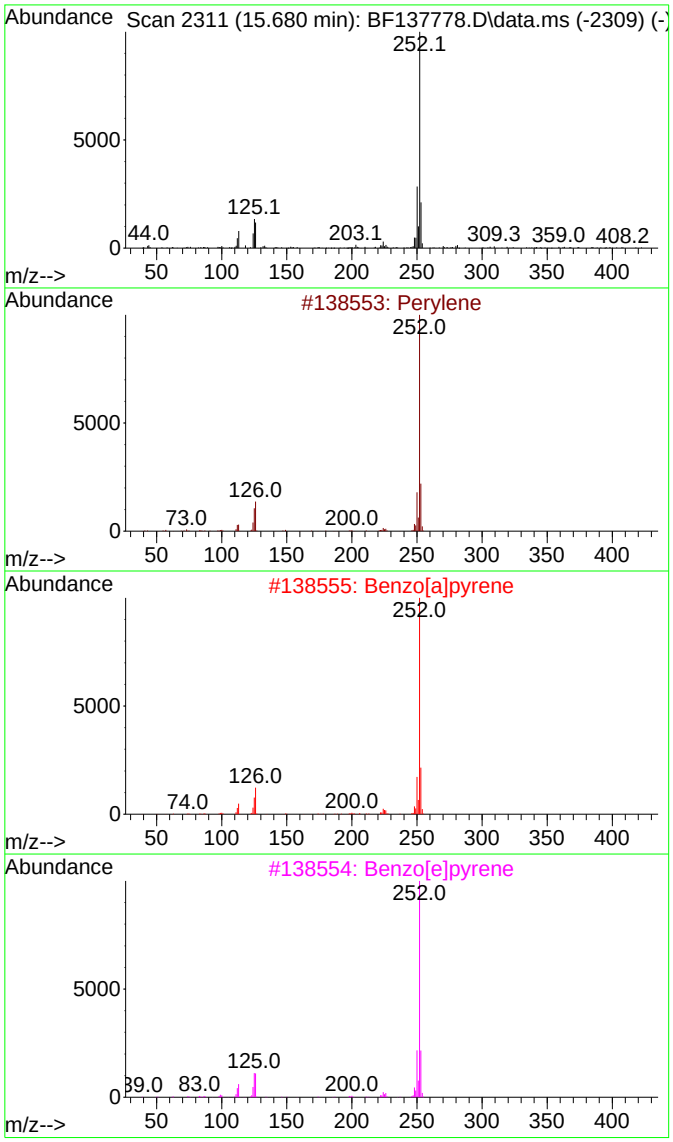
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

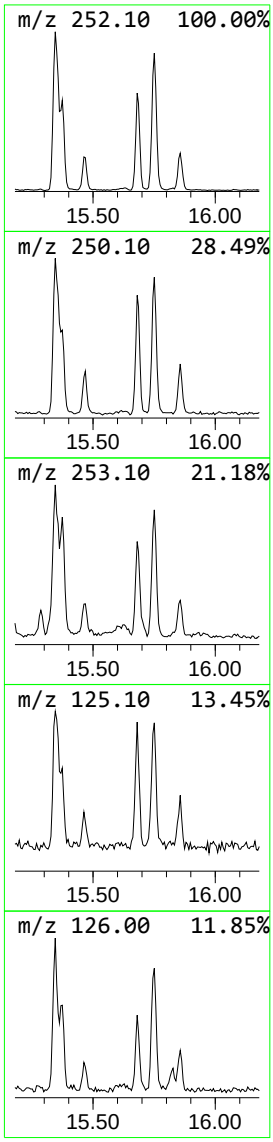
****

Peak Number 4 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.680	3.03 ng	195521	Perylene-d12	15.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137778.D
Acq On : 30 Apr 2024 19:02
Operator : CG\JU
Sample : P2310-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-042924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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
1H-Cyclopropa[l...	12.098	2.2	ng	164061	4	11.598	1518730	20.0
Phenanthrene, 1...	12.128	2.0	ng	153754	4	11.598	1518730	20.0
4H-Cyclopenta[d...	12.216	3.0	ng	229999	4	11.598	1518730	20.0
Perylene	15.680	3.0	ng	195521	6	15.821	1290440	20.0