LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135383.D
Acq On : 21 Sep 2023 16:38
Operator : CG\JU
Sample : 04394-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-07

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.804	288	292	299	rVB	23627	34374	1.32%	0.140%
2	5.392	558	562	583	rVB	2600128	2596983	100.00%	10.575%
3	6.398	729	733	750	rBV	2370241	2570884	99.00%	10.469%
4	6.757	790	794	800	rBV	1103699	887452	34.17%	3.614%
5	7.322	886	890	893	rBV	1797354	1529236	58.89%	6.227%
6	8.033	1007	1011	1014	rBV	1260895	1092046	42.05%	4.447%
7	9.110	1190	1194	1198	rBV	2289102	2119009	81.60%	8.629%
8	9.233	1211	1215	1218	rVB2	27845	29070	1.12%	0.118%
9	9.651	1283	1286	1290	rVB	72152	56832	2.19%	0.231%
10	9.792	1306	1310	1313	rBV	1186396	993973	38.27%	4.047%
11	9.822	1313	1315	1325	rVB	114067	105754	4.07%	0.431%
12	9.998	1341	1345	1349	rBV2	34139	37483	1.44%	0.153%
13	10.339	1400	1403	1409	rVB2	59278	55426	2.13%	0.226%
14	10.586	1441	1445	1457	rBV	1064976	1112873	42.85%	4.532%
15	10.710	1462	1466	1470	rVB5	20460	26166	1.01%	0.107%
16	10.892	1490	1497	1500	rBV4	29307	43871	1.69%	0.179%
17	10.974	1505	1511	1514	rVB4	26828	38631	1.49%	0.157%
18	11.133	1534	1538	1543	rBV4	19667	32611	1.26%	0.133%
19	11.180	1543	1546	1553	rVB	40240	44181	1.70%	0.180%
20	11.286	1560	1564	1566	rBV	935126	876631	33.76%	3.570%
21	11.310	1566	1568	1571	rVV	339605	272437	10.49%	1.109%
22	11.357	1571	1576	1580	rVB	179573	174881	6.73%	0.712%
23	11.521	1600	1604	1610	rBV3	31450	48841	1.88%	0.199%
24	11.616	1617	1620	1625	rVB2	21256	26032	1.00%	0.106%
25	11.786	1646	1649	1652	rBV	78851	75453	2.91%	0.307%
26	11.821	1652	1655	1659	rBV	156272	157247	6.05%	0.640%
27	11.863	1659	1662	1665	rVB	65321	54851	2.11%	0.223%
28	11.898	1665	1668	1671	rBV	158160	174465	6.72%	0.710%
29	12.086	1697	1700	1703	rVB	64410	49583	1.91%	0.202%
30	12.233	1720	1725	1728	rBV3	39373	51824	2.00%	0.211%
31	12.339	1740	1743	1746	rBV	71777	69375	2.67%	0.282%
32	12.380	1746	1750	1752	rVV2	61303	63758	2.46%	0.260%
33	12.433	1755	1759	1767	rVB4	46289	76031	2.93%	0.310%
34	12.504	1767	1771	1775	rBV	840743	700335	26.97%	2.852%
35	12.598	1784	1787	1791	rBV	25132	36234	1.40%	0.148%
36	12.657	1794	1797	1800	rVV	36628	41692	1.61%	0.170%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
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Acq On : 21 Sep 2023 16:38
Operator : CG\JU
Sample : 04394-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B103-07

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.733	1804	1810	1813	rVV	905969	945510	36.41%	3.850%
38	12.786	1816	1819	1823	rVB2	54077	62138	2.39%	0.253%
39	12.880	1831	1835	1838	rBV	1588352	1372611	52.85%	5.589%
40	12.951	1843	1847	1851	rBV2	71054	110825	4.27%	0.451%
41	13.039	1859	1862	1864	rBV4	61645	78072	3.01%	0.318%
42	13.063	1864	1866	1870	rVB	159134	150146	5.78%	0.611%
43	13.133	1870	1878	1881	rBV	153913	188230	7.25%	0.766%
44	13.168	1881	1884	1887	rBV2	120051	123598	4.76%	0.503%
45	13.263	1897	1900	1903	rBV	70436	56592	2.18%	0.230%
46	13.292	1903	1905	1908	rBV	78962	68558	2.64%	0.279%
47	13.368	1914	1918	1923	rVB	182235	191855	7.39%	0.781%
48	13.551	1947	1949	1951	rBV	31259	28642	1.10%	0.117%
49	13.580	1951	1954	1958	rVB	67334	75920	2.92%	0.309%
50	13.692	1970	1973	1975	rBV	48276	48981	1.89%	0.199%
51	13.715	1975	1977	1979	rVV	85653	68912	2.65%	0.281%
52	13.739	1979	1981	1983	rVV	71539	65298	2.51%	0.266%
53	13.792	1987	1990	1993	rVB	46720	46496	1.79%	0.189%
54	13.939	2010	2015	2018	rBV2	948371	1272571	49.00%	5.182%
55	13.968	2018	2020	2028	rVB	486855	418393	16.11%	1.704%
56	14.045	2031	2033	2036	rVB	101160	79820	3.07%	0.325%
57	14.292	2073	2075	2077	rBV2	41136	37081	1.43%	0.151%
58	14.333	2077	2082	2085	rVV	125184	151923	5.85%	0.619%
59	14.362	2085	2087	2091	rVB	54988	51710	1.99%	0.211%
60	14.457	2100	2103	2105	rBV2	67326	66341	2.55%	0.270%
61	14.827	2163	2166	2169	rBV	35046	43486	1.67%	0.177%
62	14.986	2188	2193	2196	rBV	323548	540446	20.81%	2.201%
63	15.092	2208	2211	2215	rVB	82980	84905	3.27%	0.346%
64	15.280	2240	2243	2250	rVB	183666	247715	9.54%	1.009%
65	15.345	2250	2254	2260	rVV	331890	380350	14.65%	1.549%
66	15.409	2260	2265	2268	rVV	474377	612595	23.59%	2.494%
67	15.439	2268	2270	2277	rVB2	97906	124155	4.78%	0.506%
68	16.886	2511	2516	2524	rVB3	125252	246049	9.47%	1.002%
69	17.333	2588	2592	2601	rVB	82880	161558	6.22%	0.658%

Sum of corrected areas: 24558007

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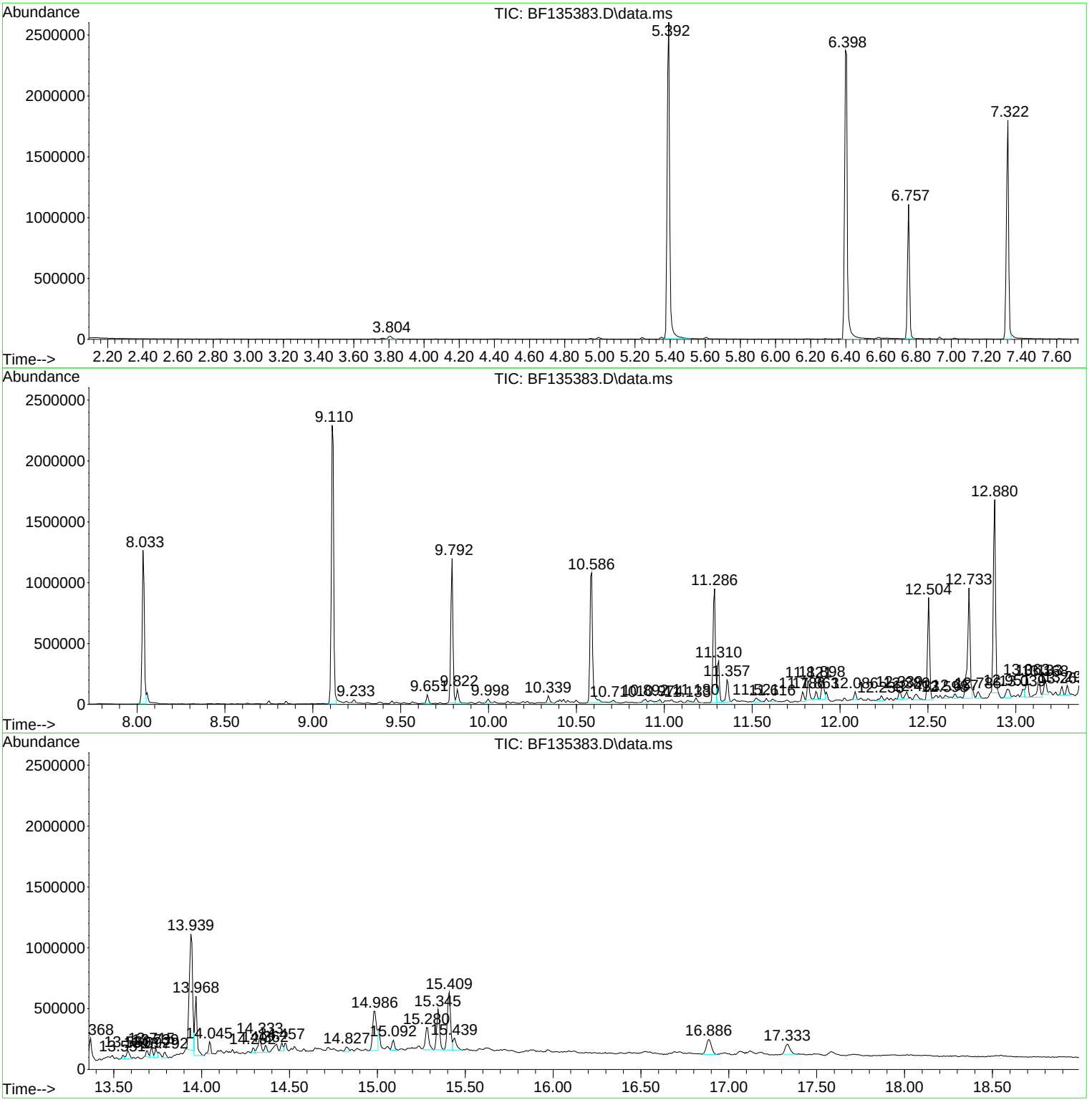
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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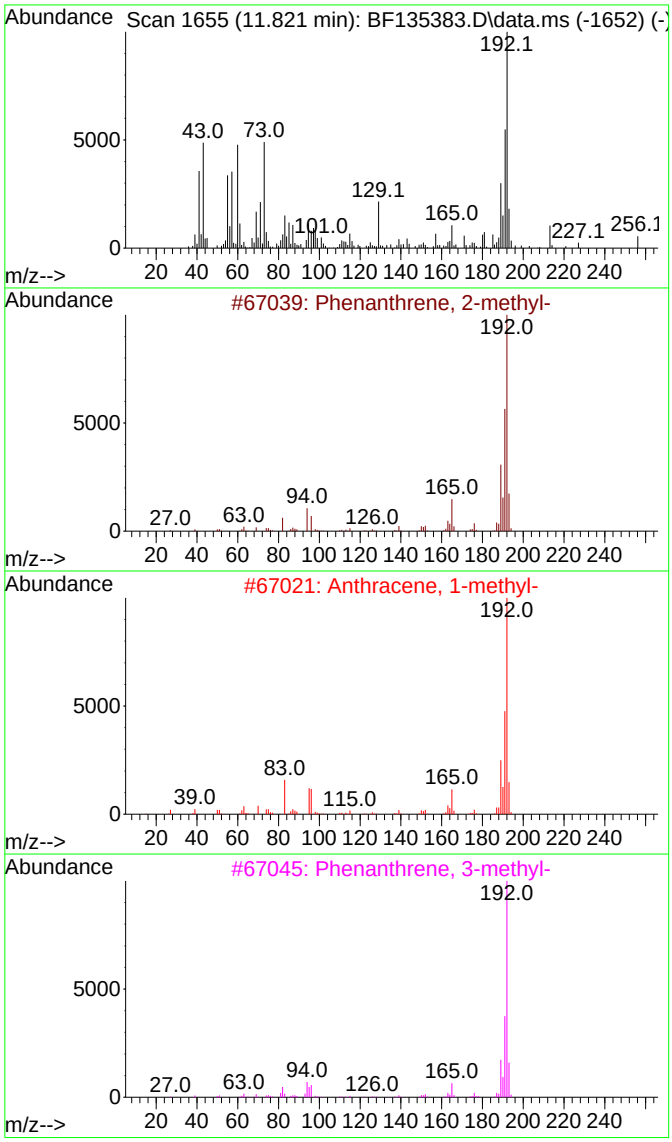
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

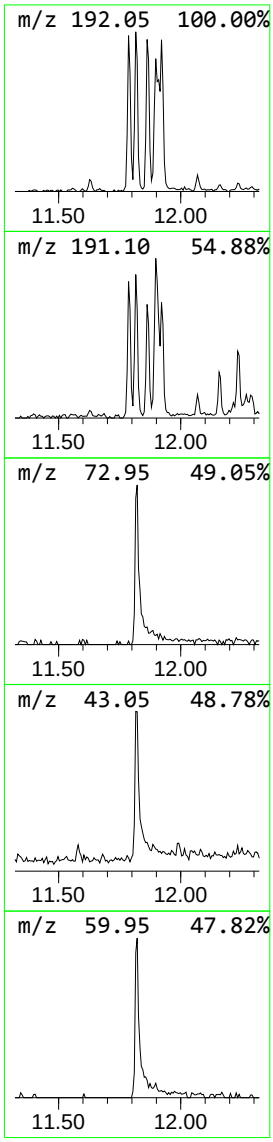
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.821	3.59 ng	157247	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	60
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





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Data File : BF135383.D
Acq On : 21 Sep 2023 16:38
Operator : CG\JU
Sample : 04394-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-07

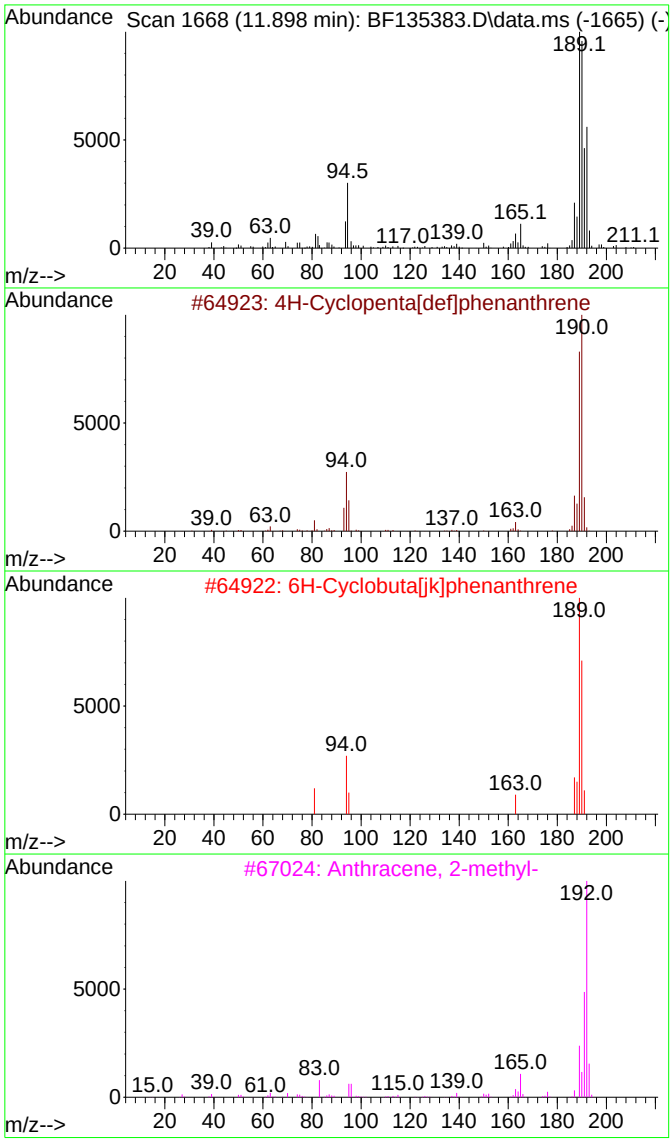
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

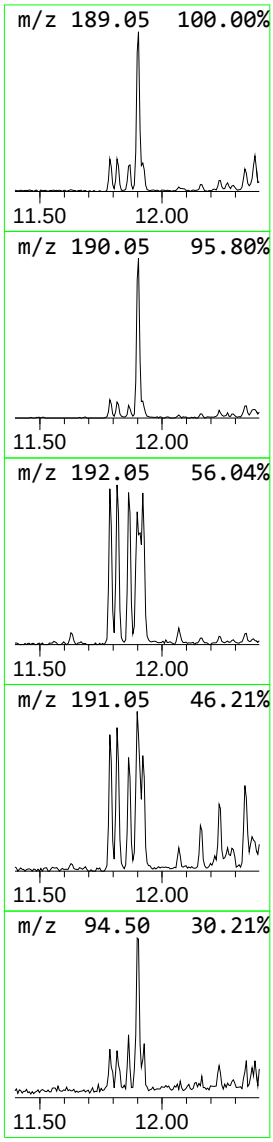
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	3.98 ng	174465	Phenanthrene-d10	11.286

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	53
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	22
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	18





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Sample : 04394-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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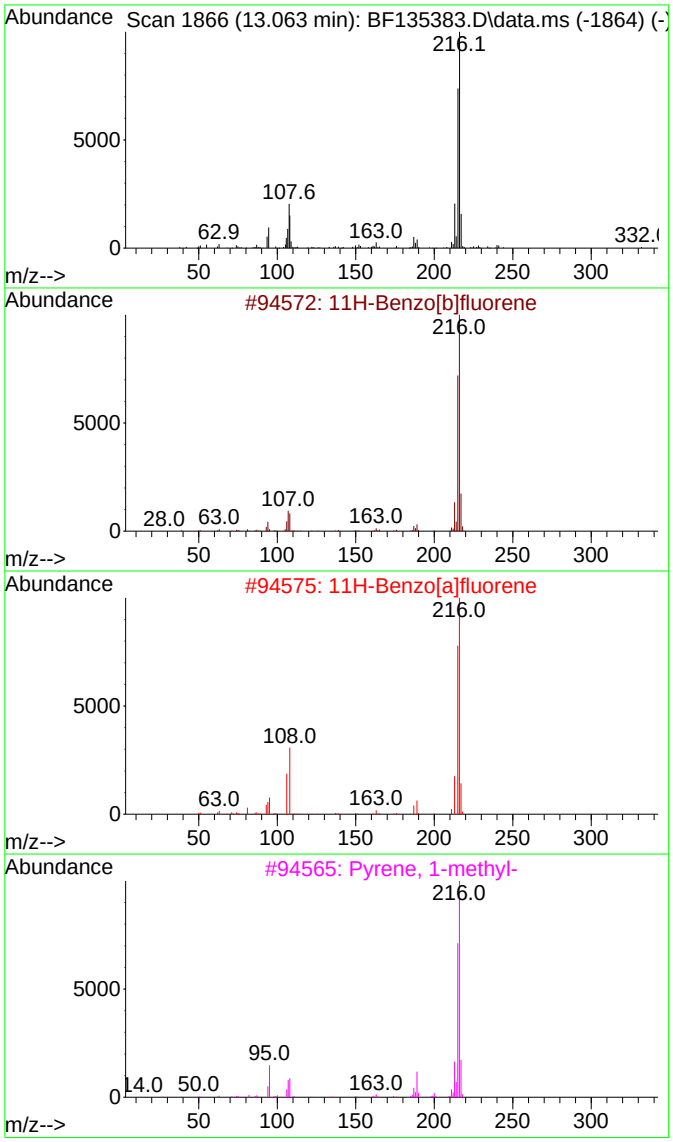
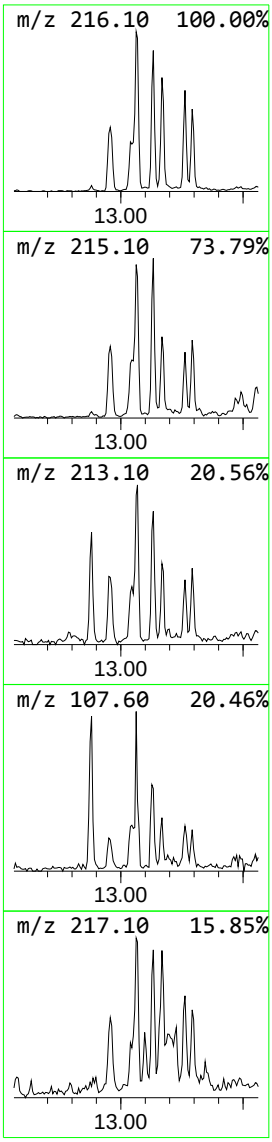
Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	2.36 ng	150146	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
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Acq On : 21 Sep 2023 16:38
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Sample : 04394-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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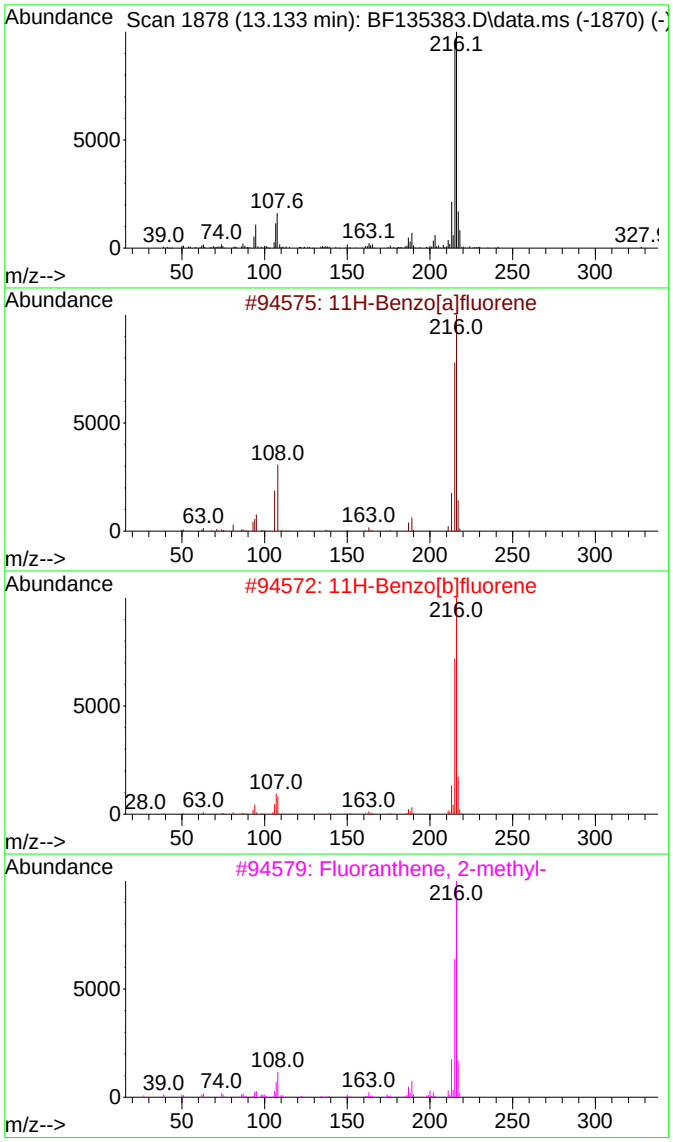
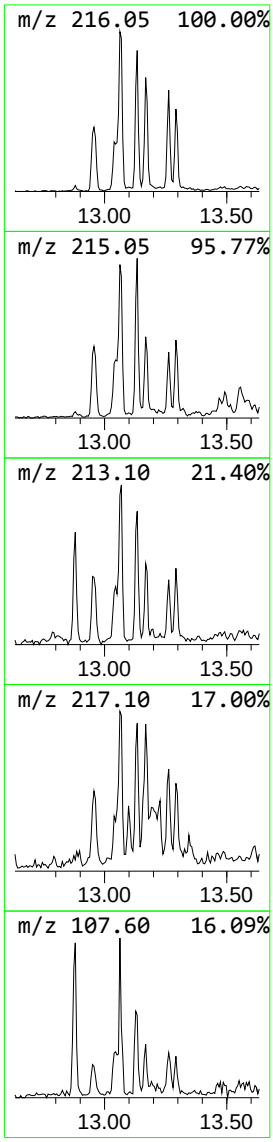
Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	2.96 ng	188230	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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Acq On : 21 Sep 2023 16:38
Operator : CG\JU
Sample : 04394-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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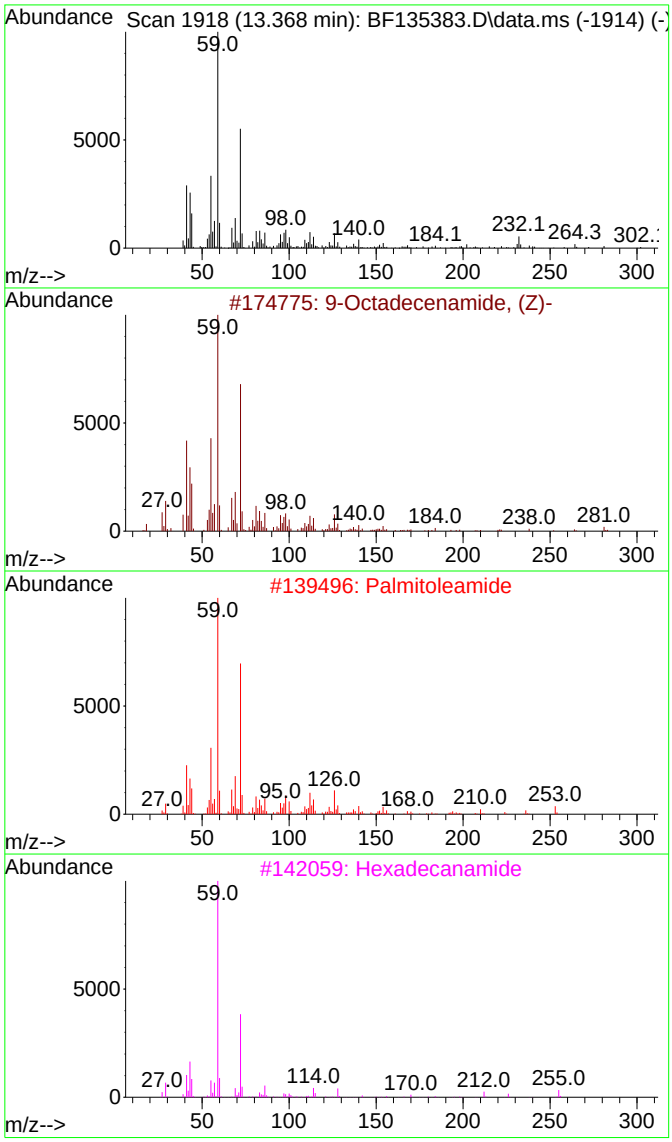
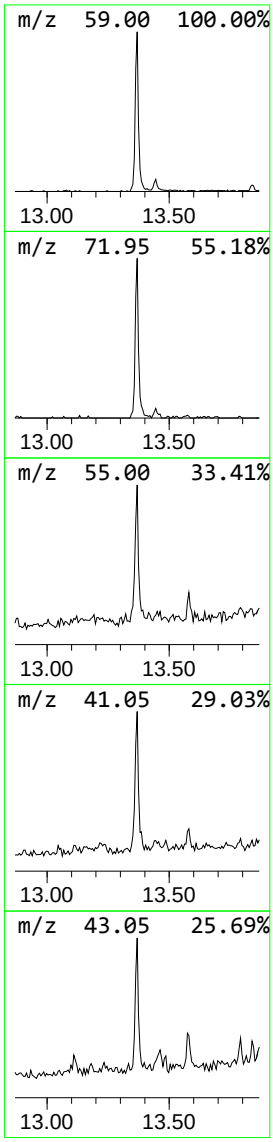
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.368	3.02 ng	191855	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Palmitoleamide	253	C16H31NO	106010-22-4	72
3	Hexadecanamide	255	C16H33NO	000629-54-9	64
4	Dodecanamide	199	C12H25NO	001120-16-7	59
5	Octanamide	143	C8H17NO	000629-01-6	56





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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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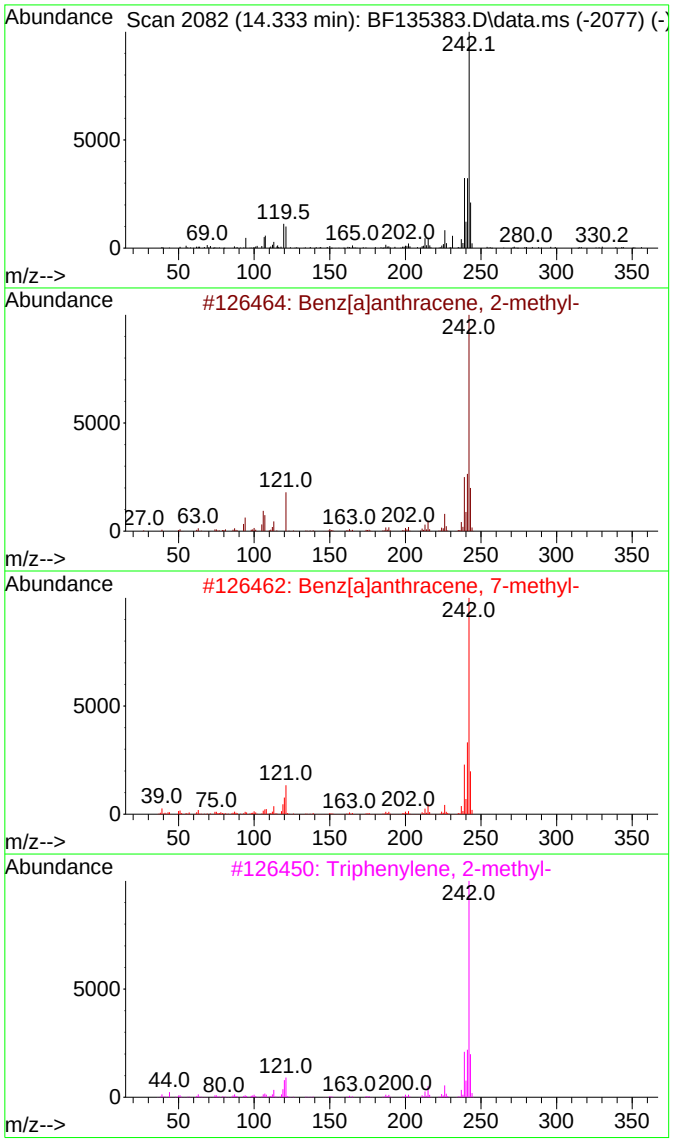
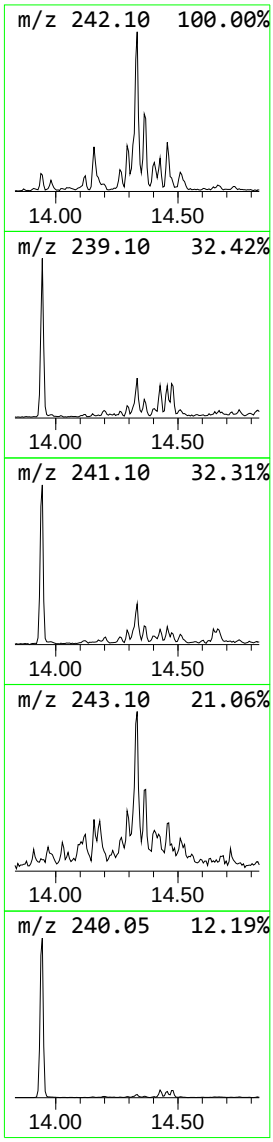
Peak Number 6 Benz[a]anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.333	2.39 ng	151923	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	98
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
4	2-Methylchrysene	242	C19H14	003351-32-4	93
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135383.D
Acq On : 21 Sep 2023 16:38
Operator : CG\JU
Sample : 04394-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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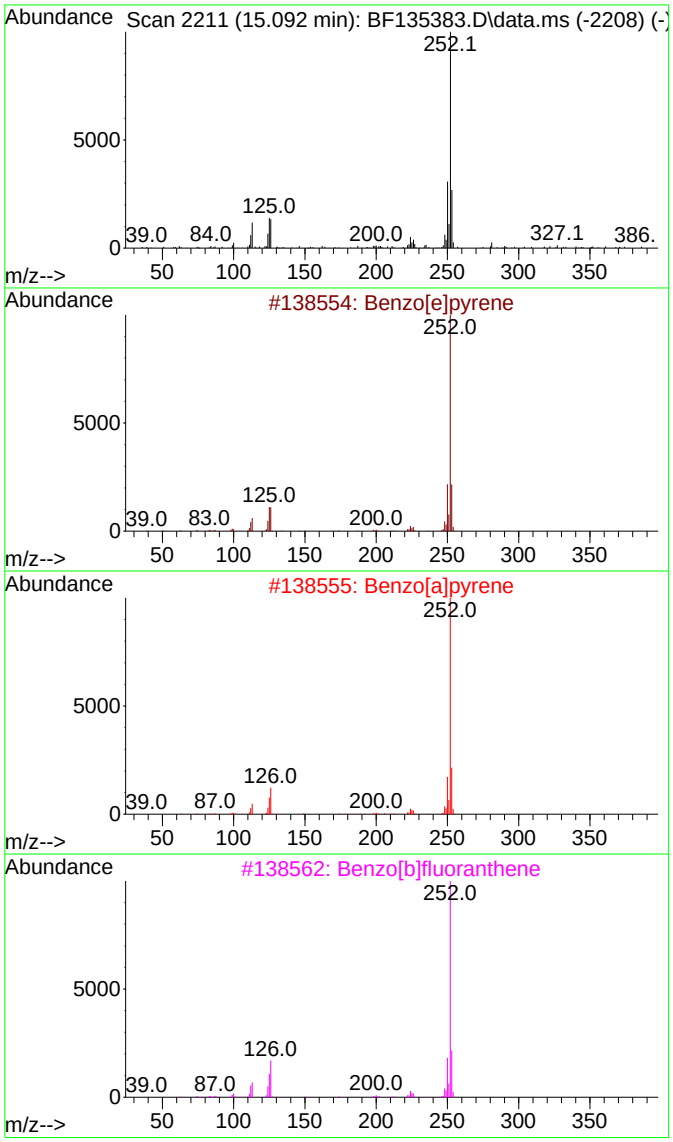
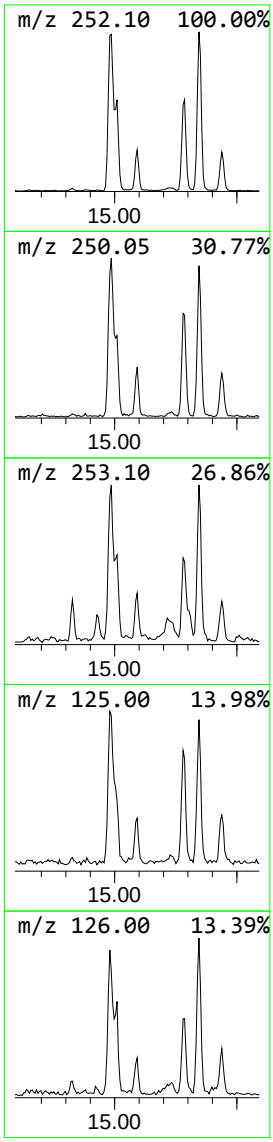
Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	2.77 ng	84905	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135383.D
Acq On : 21 Sep 2023 16:38
Operator : CG\JU
Sample : 04394-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

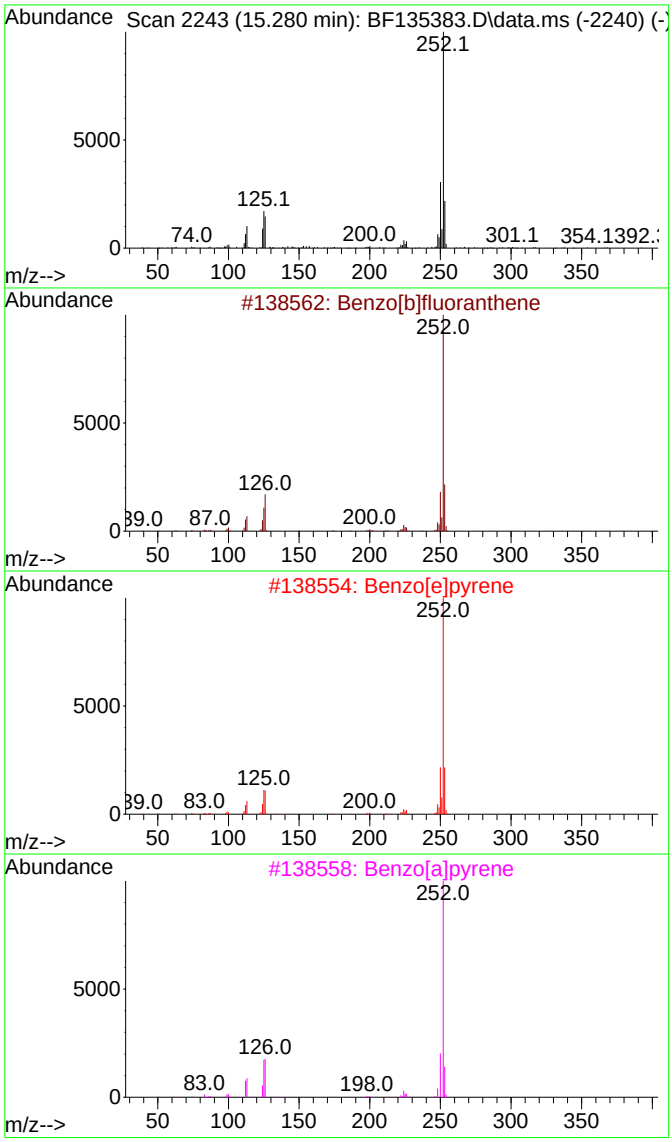
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

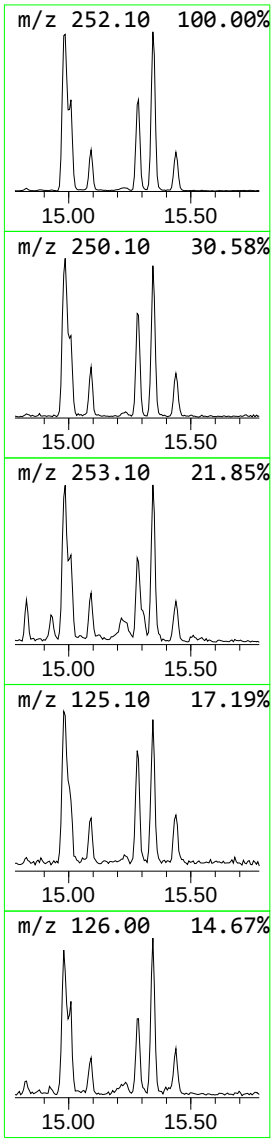
****

Peak Number 8 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	8.09 ng	247715	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135383.D
Acq On : 21 Sep 2023 16:38
Operator : CG\JU
Sample : 04394-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2...	11.821	3.6	ng	157247	4	11.286	876631	20.0
4H-Cyclopenta[d...	11.898	4.0	ng	174465	4	11.286	876631	20.0
11H-Benzo[b]flu...	13.063	2.4	ng	150146	5	13.945	1272570	20.0
11H-Benzo[a]flu...	13.133	3.0	ng	188230	5	13.945	1272570	20.0
9-Octadecenamid...	13.368	3.0	ng	191855	5	13.945	1272570	20.0
Benz[a]anthrace...	14.333	2.4	ng	151923	5	13.945	1272570	20.0
Benzo[e]pyrene	15.092	2.8	ng	84905	6	15.409	612595	20.0
Perylene	15.280	8.1	ng	247715	6	15.409	612595	20.0