LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123395.D
Acq On : 18 Mar 2021 21:31
Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7A

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-BF031721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123395.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.793	285	290	297	rVB	86368	120077	2.88%	0.205%
2	5.410	562	565	583	rVB	838697	896485	21.47%	1.528%
3	6.428	735	738	754	rBV	874093	946174	22.66%	1.612%
4	6.787	796	799	807	rBV	1445461	1253959	30.04%	2.137%
5	7.351	891	895	906	rVB	601758	567822	13.60%	0.968%
6	8.075	1014	1018	1020	rBV	1983544	1696346	40.63%	2.891%
7	8.092	1020	1021	1027	rVV	319672	229409	5.50%	0.391%
8	8.786	1136	1139	1146	rVB	124560	97910	2.35%	0.167%
9	9.145	1197	1200	1206	rBV	1234597	1020830	24.45%	1.739%
10	9.416	1241	1246	1250	rBV	76887	115954	2.78%	0.198%
11	9.486	1255	1258	1261	rBV	138206	131943	3.16%	0.225%
12	9.686	1289	1292	1297	rVB	568050	486437	11.65%	0.829%
13	9.828	1310	1316	1319	rBV	2068177	1766798	42.32%	3.011%
14	9.863	1319	1322	1325	rVB	162825	150650	3.61%	0.257%
15	10.033	1347	1351	1355	rVV	319369	274048	6.56%	0.467%
16	10.069	1355	1357	1366	rVB	107655	104507	2.50%	0.178%
17	10.145	1366	1370	1373	rBV2	138487	143850	3.45%	0.245%
18	10.233	1381	1385	1387	rBV2	86327	107043	2.56%	0.182%
19	10.375	1406	1409	1415	rVB2	485091	475294	11.39%	0.810%
20	10.439	1415	1420	1422	rBV2	68589	99926	2.39%	0.170%
21	10.486	1426	1428	1431	rVV2	99199	105172	2.52%	0.179%
22	10.533	1433	1436	1440	rVV	234047	225776	5.41%	0.385%
23	10.616	1444	1450	1454	rVV	691074	727946	17.44%	1.240%
24	10.745	1467	1472	1478	rVB2	168321	206385	4.94%	0.352%
25	10.928	1498	1503	1505	rBV2	202972	250166	5.99%	0.426%
26	10.951	1505	1507	1510	rVV2	93624	96138	2.30%	0.164%
27	11.010	1514	1517	1520	rVV	123342	117795	2.82%	0.201%
28	11.057	1520	1525	1527	rVV3	210661	272445	6.53%	0.464%
29	11.075	1527	1528	1530	rVV	188818	145172	3.48%	0.247%
30	11.122	1534	1536	1540	rVV2	103774	108892	2.61%	0.186%
31	11.163	1540	1543	1549	rVV2	212793	312515	7.49%	0.533%
32	11.210	1549	1551	1557	rVB	225775	253934	6.08%	0.433%
33	11.316	1565	1569	1571	rBV	1655249	1466948	35.14%	2.500%
34	11.339	1571	1573	1577	rVV	1940008	1698508	40.69%	2.894%
35	11.392	1579	1582	1585	rVB	1018472	778539	18.65%	1.327%
36	11.422	1585	1587	1591	rBV2	157500	187722	4.50%	0.320%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123395.D
Acq On : 18 Mar 2021 21:31
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7A

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.569	1610	1612	1617	rVV2	120898	151325	3.62%	0.258%
38	11.616	1617	1620	1624	rVV2	148853	139553	3.34%	0.238%
39	11.822	1651	1655	1657	rVV	462037	438565	10.51%	0.747%
40	11.845	1657	1659	1664	rVB	668450	608809	14.58%	1.037%
41	11.892	1664	1667	1670	rBV	426287	406817	9.74%	0.693%
42	11.933	1670	1674	1676	rVV	1071681	1100249	26.36%	1.875%
43	11.951	1676	1677	1682	rVB	356682	303287	7.26%	0.517%
44	12.116	1702	1705	1708	rVV	379165	335557	8.04%	0.572%
45	12.269	1728	1731	1733	rVB	117309	104319	2.50%	0.178%
46	12.298	1733	1736	1738	rVB	205409	160464	3.84%	0.273%
47	12.322	1738	1740	1742	rVB	162385	124639	2.99%	0.212%
48	12.369	1742	1748	1751	rBV	424703	534812	12.81%	0.911%
49	12.410	1751	1755	1757	rVV	341007	378231	9.06%	0.644%
50	12.457	1760	1763	1769	rVB2	316688	420965	10.08%	0.717%
51	12.539	1772	1777	1780	rBV	3716379	3562517	85.34%	6.070%
52	12.598	1785	1787	1790	rVB2	156909	116500	2.79%	0.199%
53	12.627	1790	1792	1795	rVB	408947	327875	7.85%	0.559%
54	12.680	1795	1801	1804	rBV2	208765	304072	7.28%	0.518%
55	12.769	1809	1816	1821	rBV2	3373057	4174653	100.00%	7.113%
56	12.816	1821	1824	1829	rVB3	277974	359433	8.61%	0.612%
57	12.880	1832	1835	1837	rBV	369885	366451	8.78%	0.624%
58	12.904	1837	1839	1841	rBV	704383	507756	12.16%	0.865%
59	12.980	1847	1852	1856	rBV2	419033	700303	16.78%	1.193%
60	13.069	1864	1867	1868	rVV2	367033	380958	9.13%	0.649%
61	13.092	1868	1871	1874	rVB	946153	908241	21.76%	1.548%
62	13.139	1874	1879	1880	rBV2	105596	184668	4.42%	0.315%
63	13.157	1880	1882	1885	rVV	687511	562990	13.49%	0.959%
64	13.198	1885	1889	1892	rVV2	611200	707214	16.94%	1.205%
65	13.251	1896	1898	1901	rBV	133652	138613	3.32%	0.236%
66	13.286	1901	1904	1907	rVB	358882	305945	7.33%	0.521%
67	13.321	1907	1910	1913	rBV2	308319	343949	8.24%	0.586%
68	13.480	1933	1937	1938	rBV3	105505	149625	3.58%	0.255%
69	13.516	1941	1943	1945	rVB	172606	137933	3.30%	0.235%
70	13.574	1950	1953	1955	rVV	175296	181458	4.35%	0.309%
71	13.604	1955	1958	1962	rVB	281308	343835	8.24%	0.586%
72	13.710	1973	1976	1979	rBV2	265452	318869	7.64%	0.543%
73	13.739	1979	1981	1983	rVV	459917	390402	9.35%	0.665%
74	13.763	1983	1985	1991	rVV3	378292	543230	13.01%	0.926%
75	13.810	1991	1993	2000	rVB	306837	339697	8.14%	0.579%
76	13.957	2012	2018	2022	rBV2	2261406	3570717	85.53%	6.084%

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-7A

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.992	2022	2024	2030	rVB	1900180	1850206	44.32%	3.153%
78	14.068	2035	2037	2040	rBV	335954	280318	6.71%	0.478%
79	14.110	2041	2044	2047	rBV	358080	301982	7.23%	0.515%
80	14.180	2054	2056	2057	rBV	141781	115787	2.77%	0.197%
81	14.316	2076	2079	2081	rBV3	149435	153901	3.69%	0.262%
82	14.351	2081	2085	2088	rVV	615632	629727	15.08%	1.073%
83	14.386	2088	2091	2094	rVB	295039	242371	5.81%	0.413%
84	14.445	2099	2101	2104	rVV	336261	411476	9.86%	0.701%
85	14.474	2104	2106	2108	rVV2	363539	370866	8.88%	0.632%
86	14.498	2108	2110	2114	rVV2	406412	383784	9.19%	0.654%
87	14.551	2116	2119	2124	rVB2	174353	208642	5.00%	0.356%
88	14.663	2135	2138	2140	rBV2	185380	189601	4.54%	0.323%
89	14.739	2148	2151	2154	rBV2	121100	154726	3.71%	0.264%
90	14.839	2166	2168	2176	rVB2	192352	279902	6.70%	0.477%
91	15.004	2190	2196	2198	rBV	1669080	2534367	60.71%	4.318%
92	15.104	2210	2213	2216	rVB	546951	546992	13.10%	0.932%
93	15.292	2241	2245	2251	rVB	1006514	1418314	33.97%	2.417%
94	15.357	2251	2256	2261	rVV	1582700	2040784	48.89%	3.477%
95	15.415	2262	2266	2268	rVV	760643	933085	22.35%	1.590%
96	15.445	2268	2271	2278	rVB2	522888	743819	17.82%	1.267%
97	15.962	2356	2359	2362	rVB2	105718	121001	2.90%	0.206%
98	16.845	2503	2509	2517	rVB2	581429	1139754	27.30%	1.942%
99	17.015	2534	2538	2542	rVB	116973	175286	4.20%	0.299%
100	17.274	2577	2582	2591	rVB	360048	685147	16.41%	1.167%

Sum of corrected areas: 58686849

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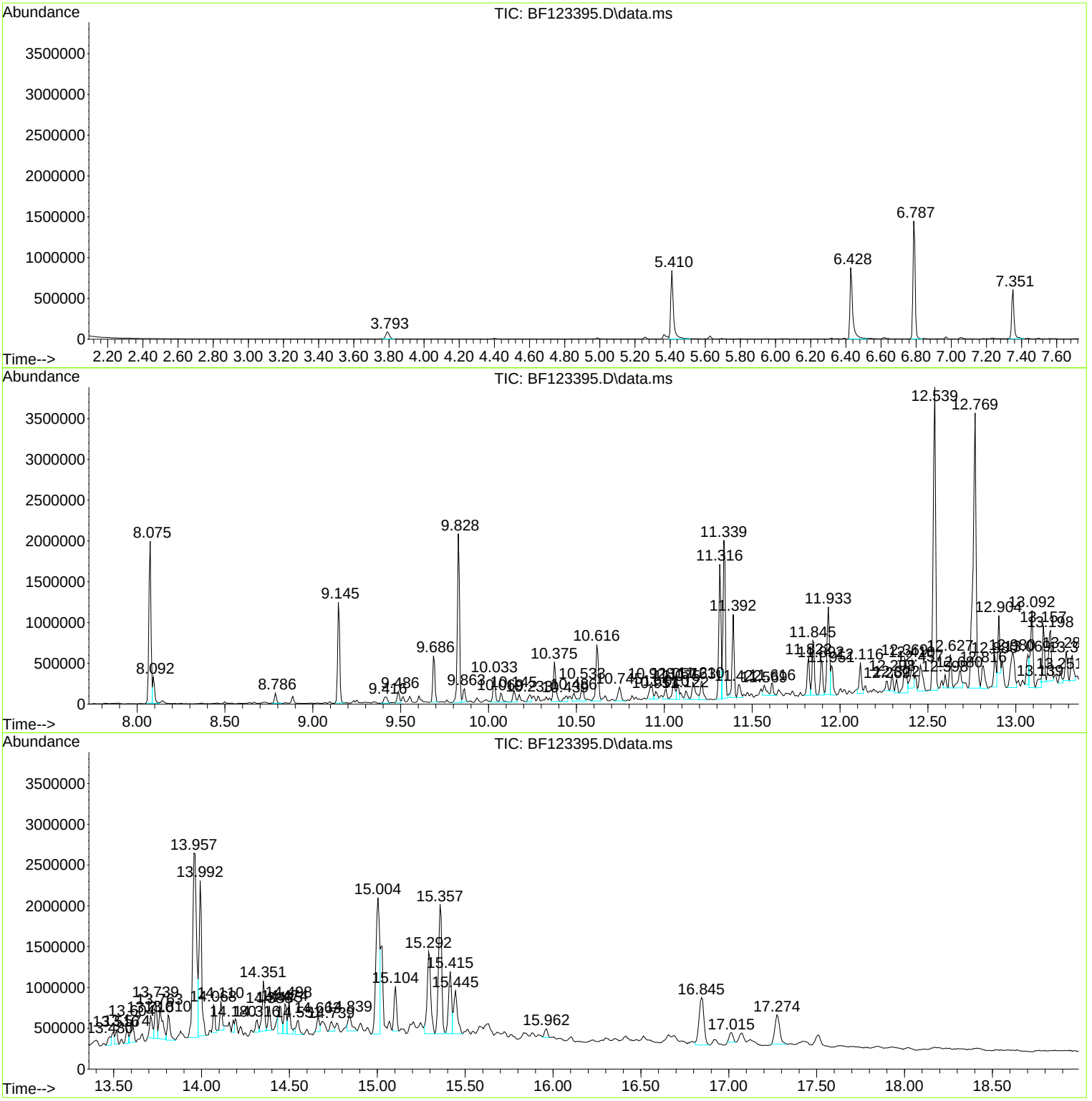
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123395.D
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Misc :
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Instrument :
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ClientSampleId :
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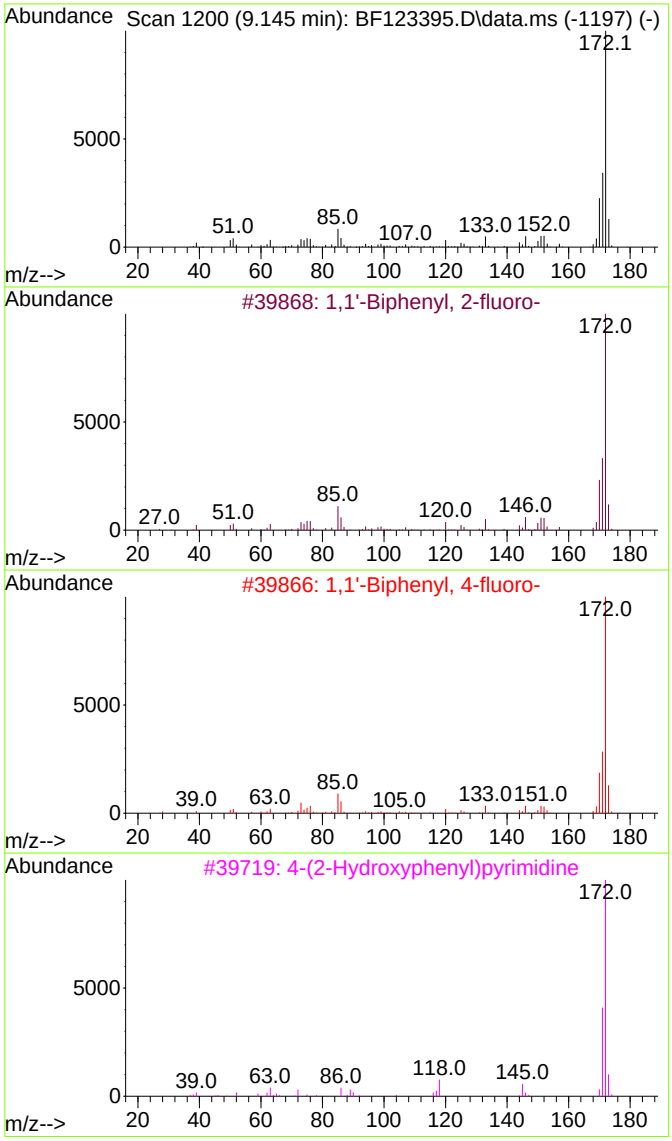
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

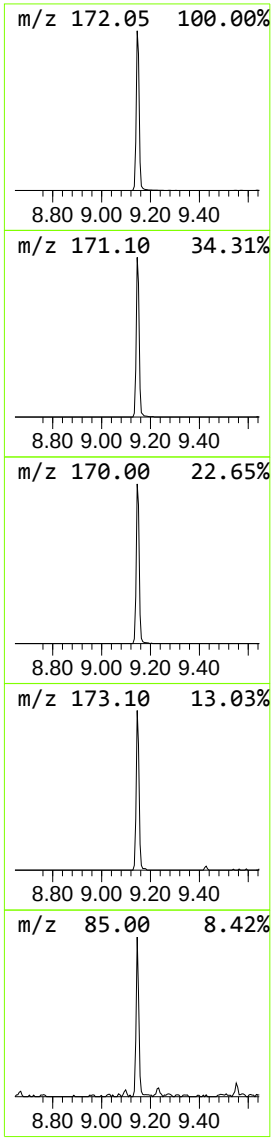
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,1'-Biphenyl, 2-fluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.145	11.56 ng	1020830	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	94
3	4-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	068535-55-7	59
4	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	42
5	DL-Norleucine, N-propoxycarbonyl...	301	C16H31NO4	1000339-03-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
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Instrument : BNA_F
ClientSampleId : TP-7A

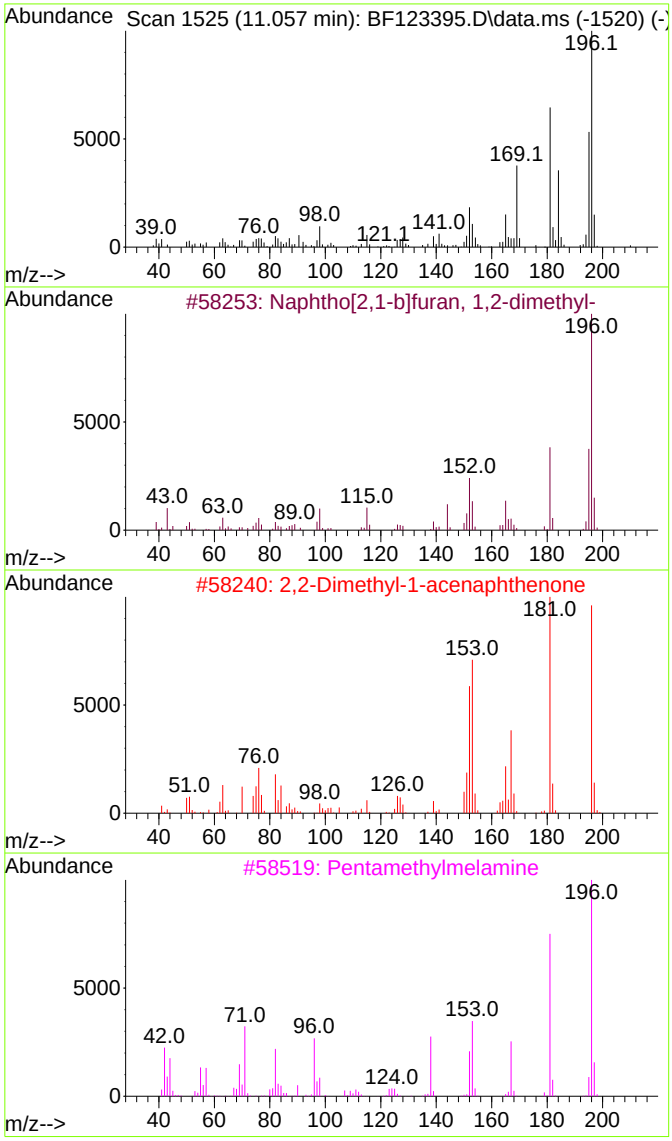
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

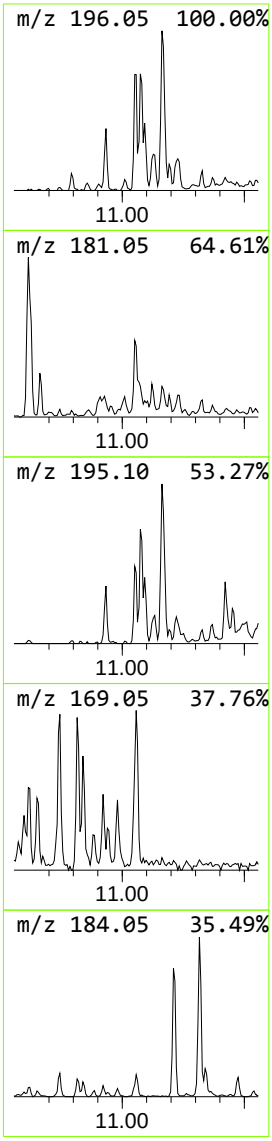
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.057	3.71 ng	272445	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	83
2	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	78
3	Pentamethylmelamine	196	C8H16N6	035832-09-8	49
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	47
5	Silane, (4-methoxyphenoxy)trimet...	196	C10H16O2Si	006689-38-9	46





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-7A

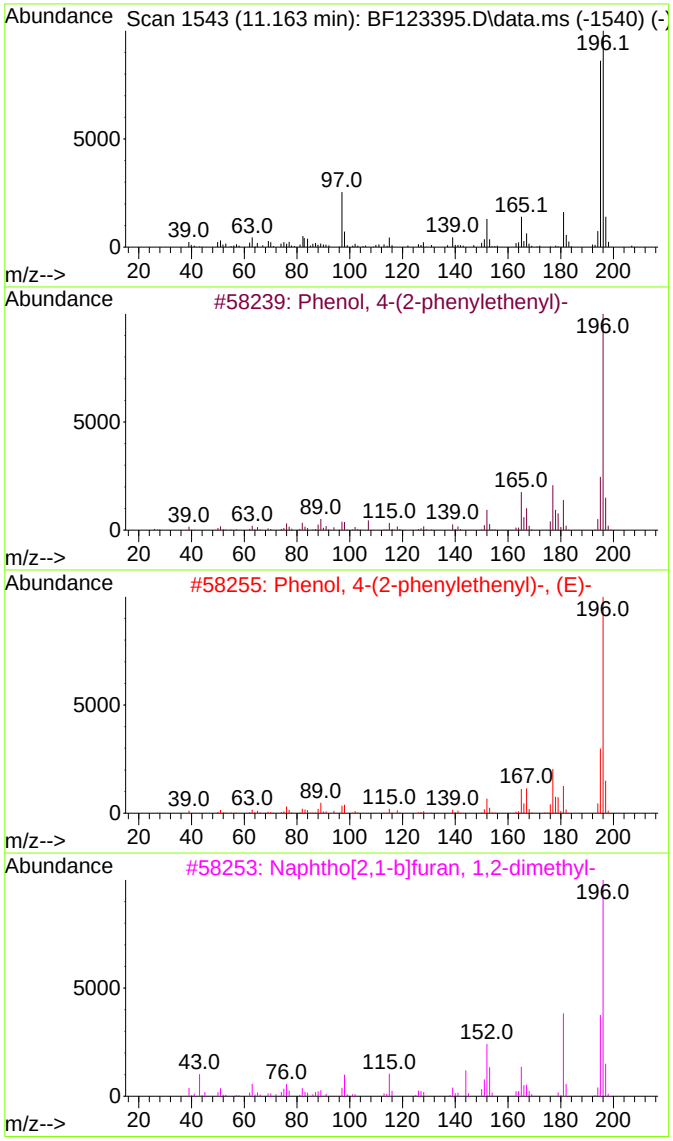
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

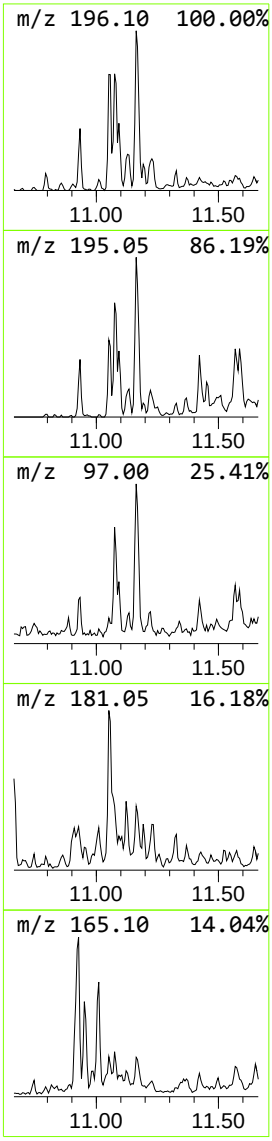
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 4-(2-phenylethenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	4.26 ng	312515	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
3	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	46
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46
5	.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123395.D
Acq On : 18 Mar 2021 21:31
Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

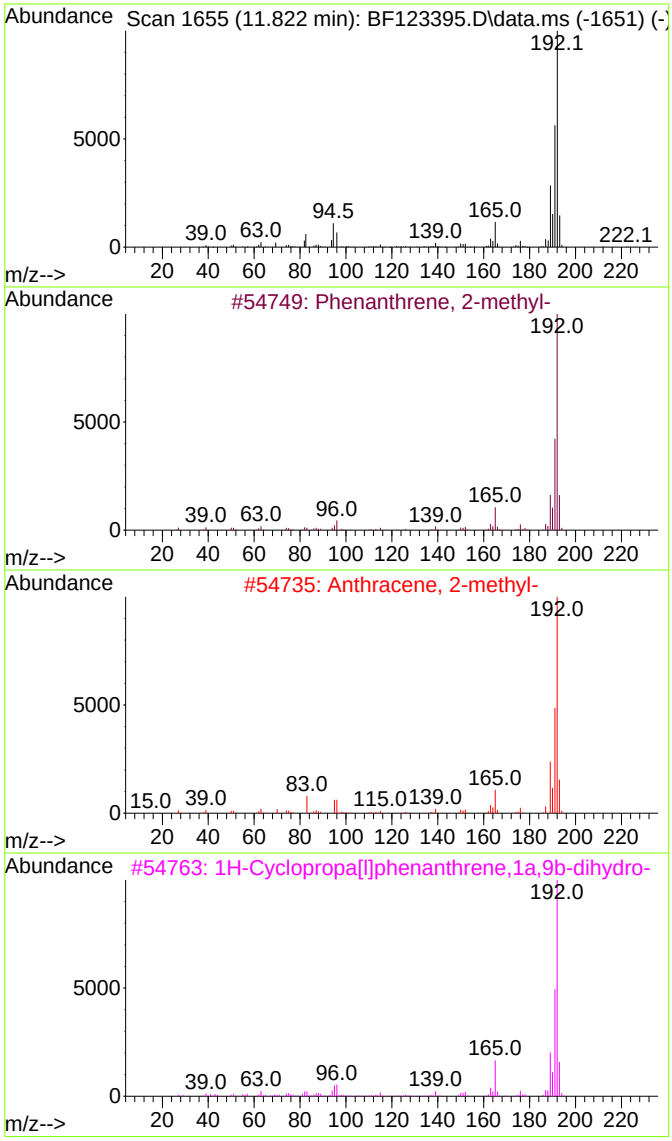
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

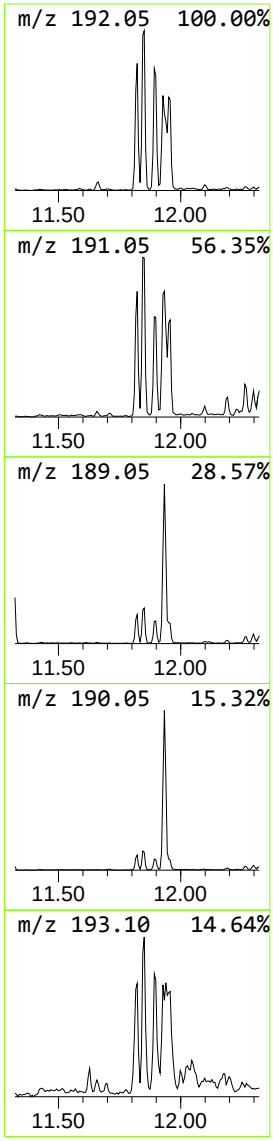
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	5.98 ng	438565	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123395.D
Acq On : 18 Mar 2021 21:31
Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

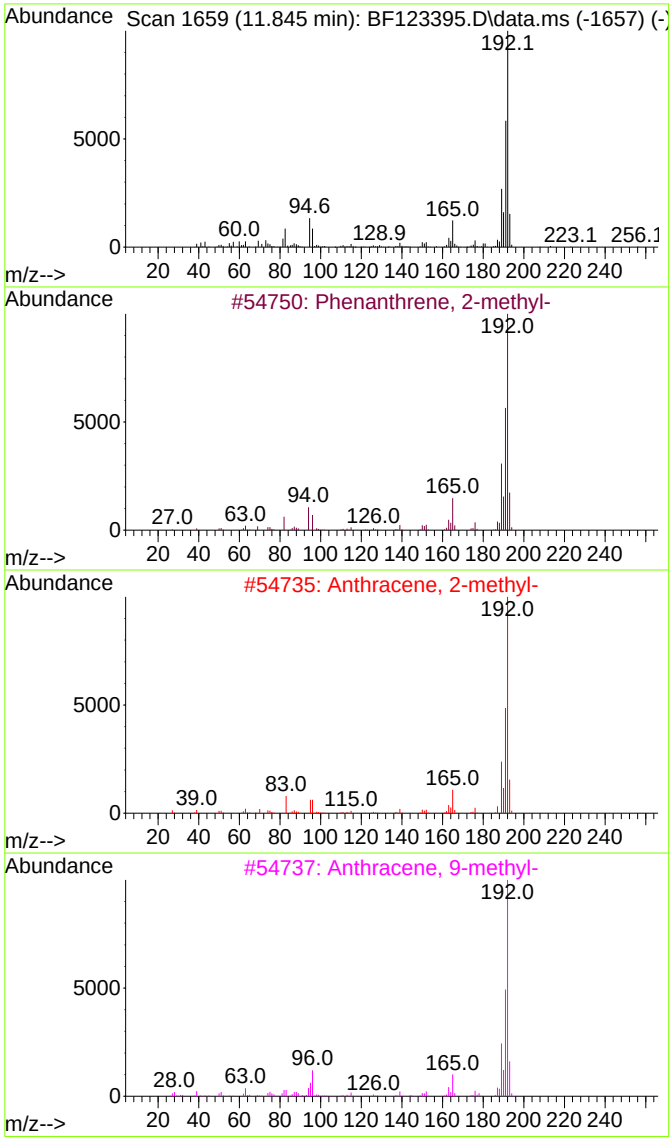
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

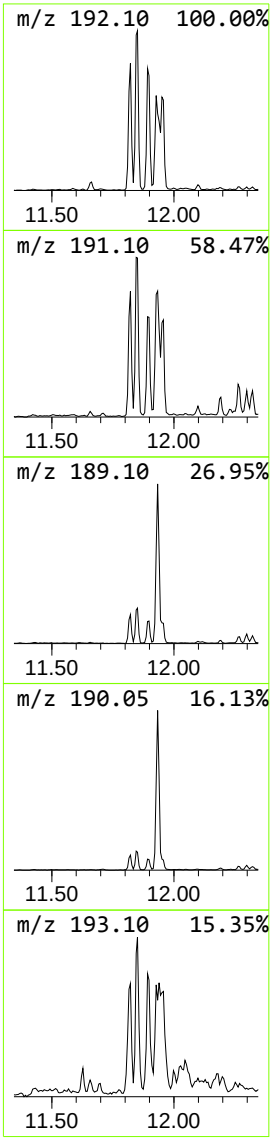
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	8.30 ng	608809	Phenanthrene-d10	11.316

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Acq On : 18 Mar 2021 21:31
Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

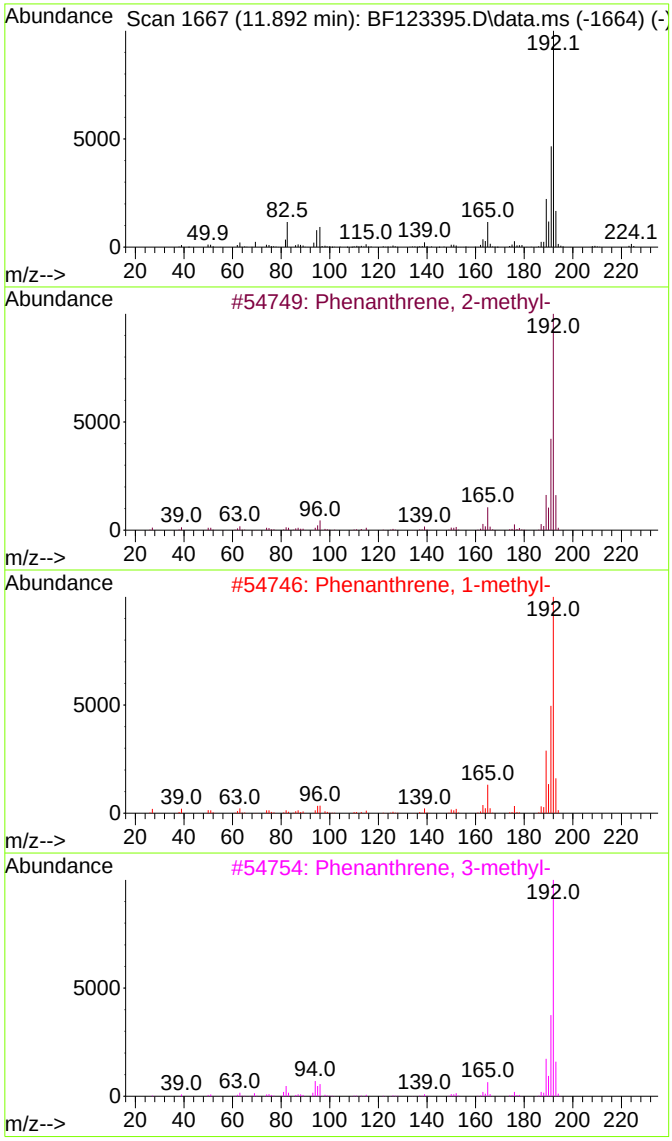
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

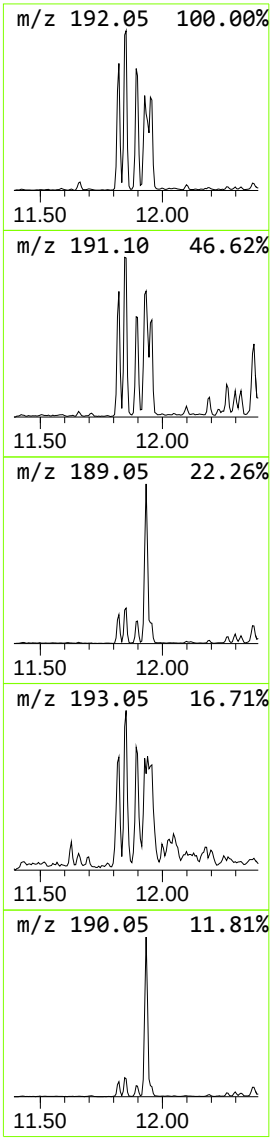
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.55 ng	406817	Phenanthrene-d10	11.316

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	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

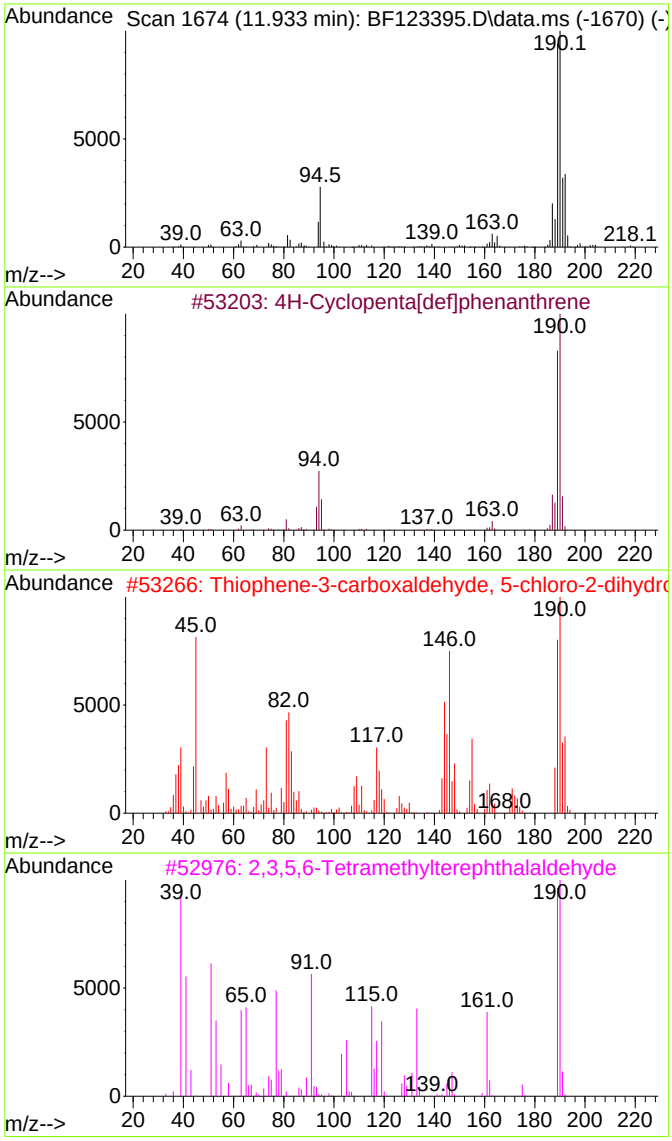
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

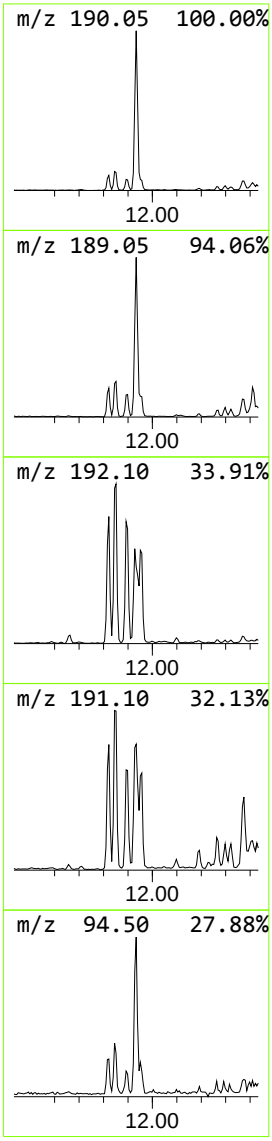
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	15.00 ng	1100250	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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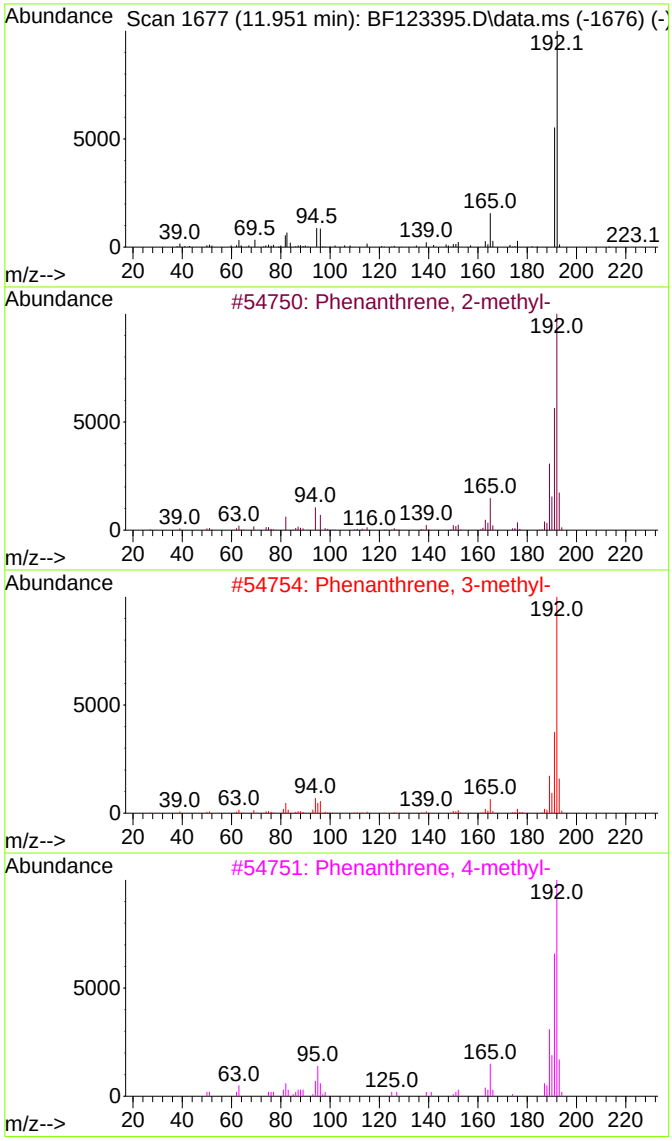
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

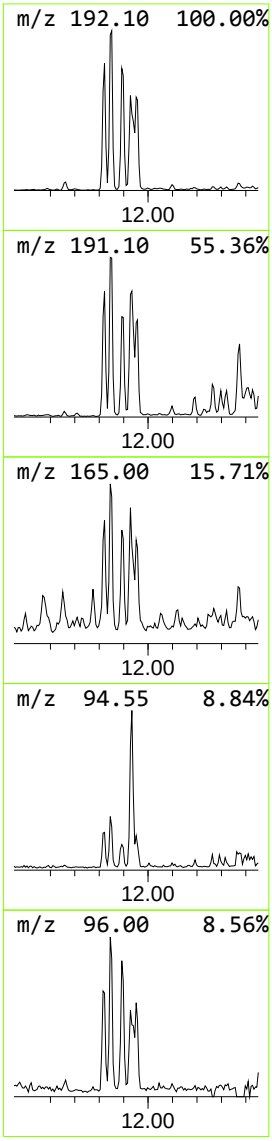
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	4.13 ng	303287	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





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Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

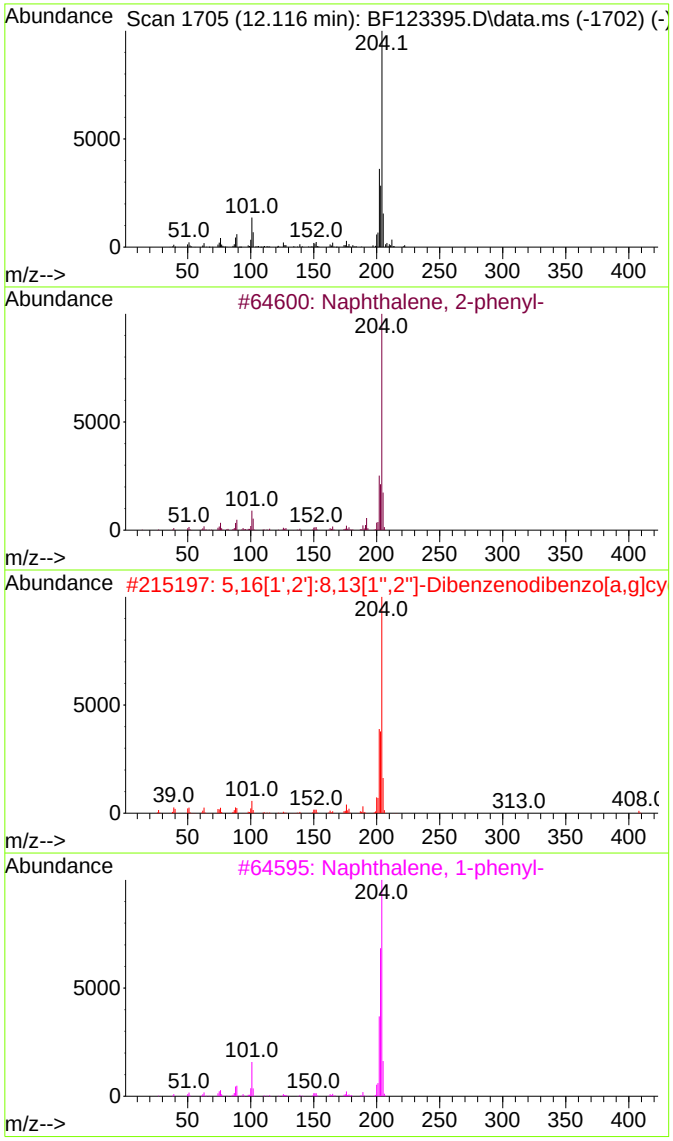
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

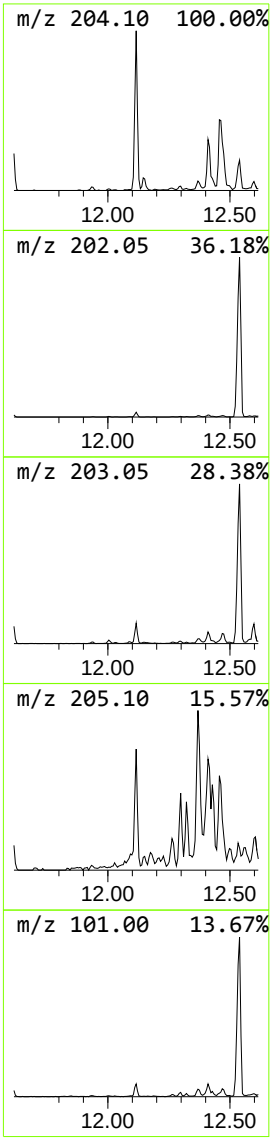
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	4.57 ng	335557	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

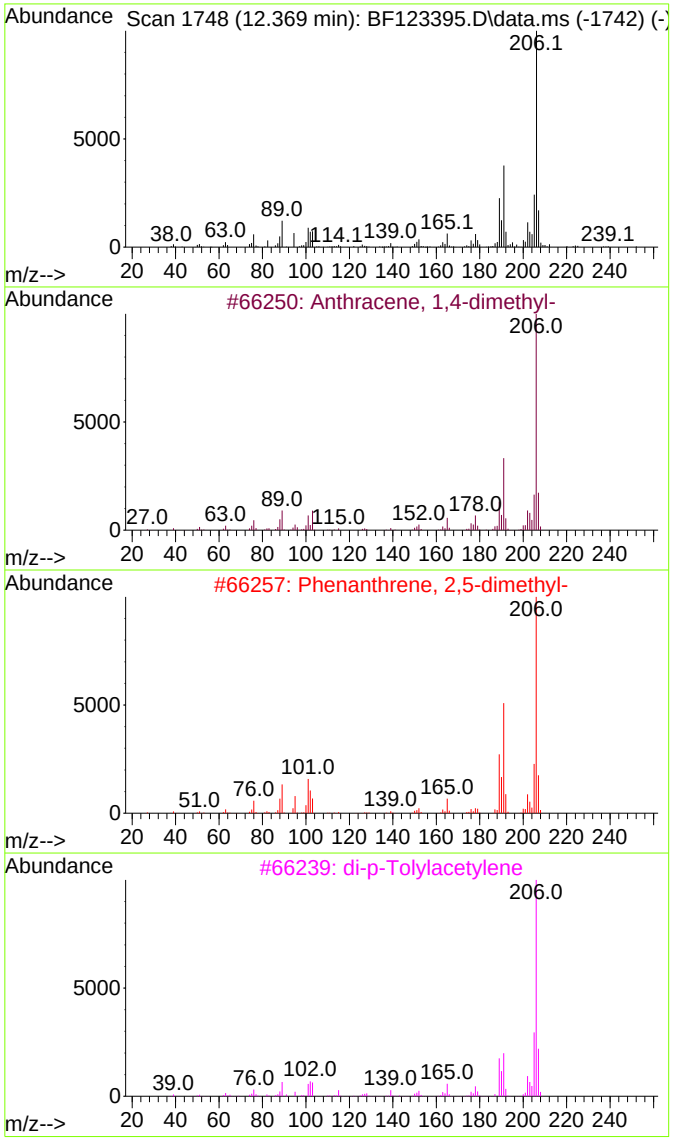
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

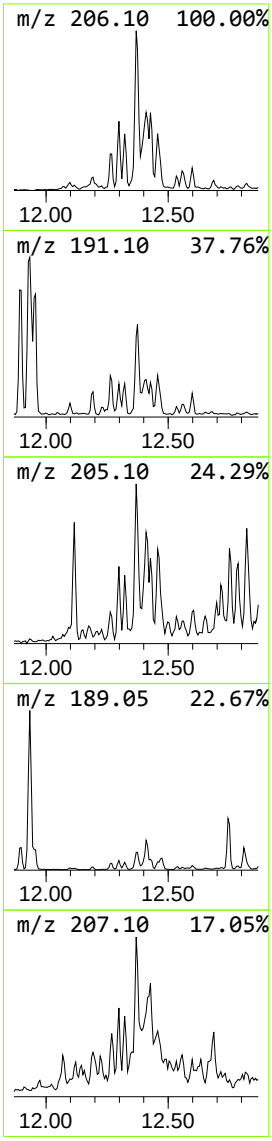
****

Peak Number 10 Anthracene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	7.29 ng	534812	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95





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Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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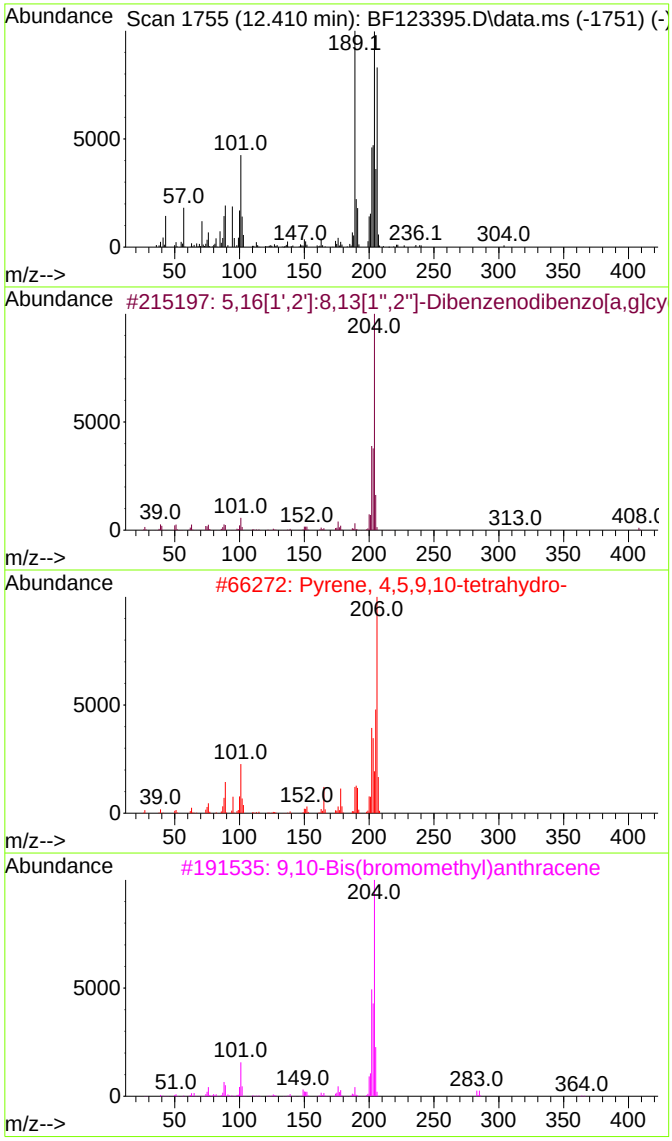
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

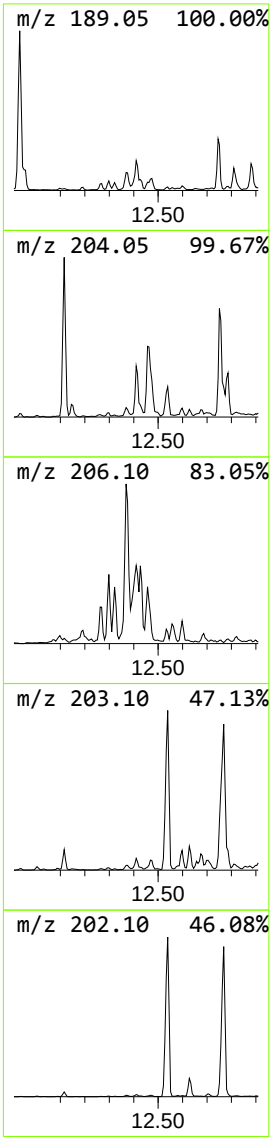
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown12.410 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	5.16 ng	378231	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4	Propanehydrazide, N2-(4-bromo-2-...	260	C9H10BrFN2O	1000272-78-2	35
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35





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Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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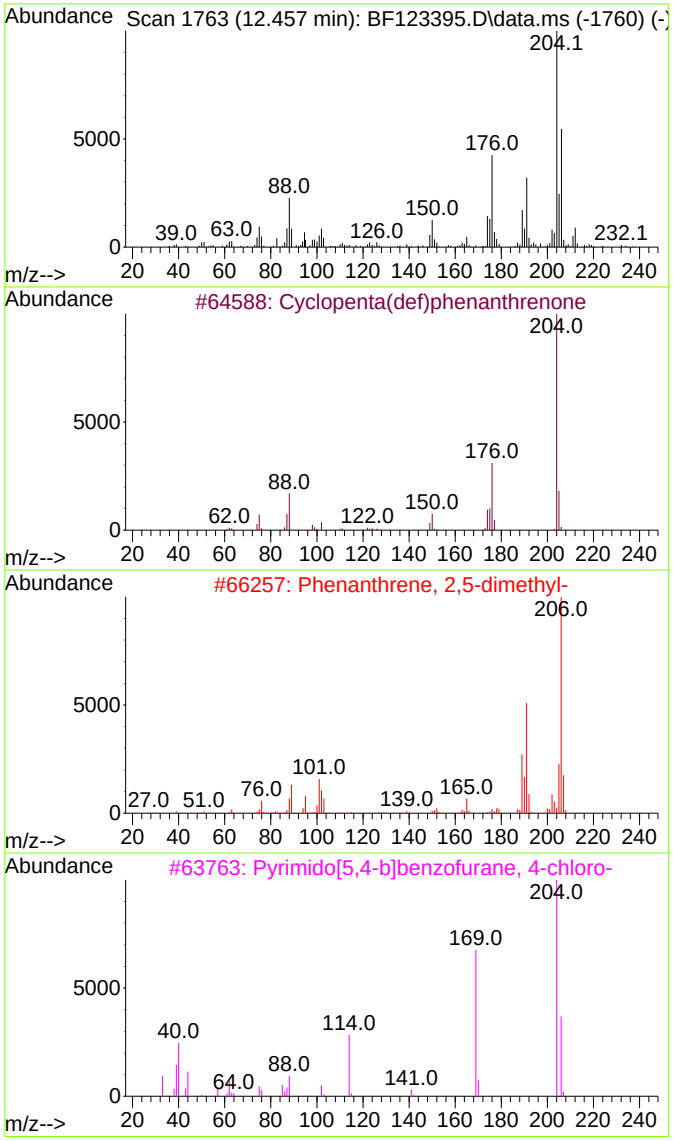
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

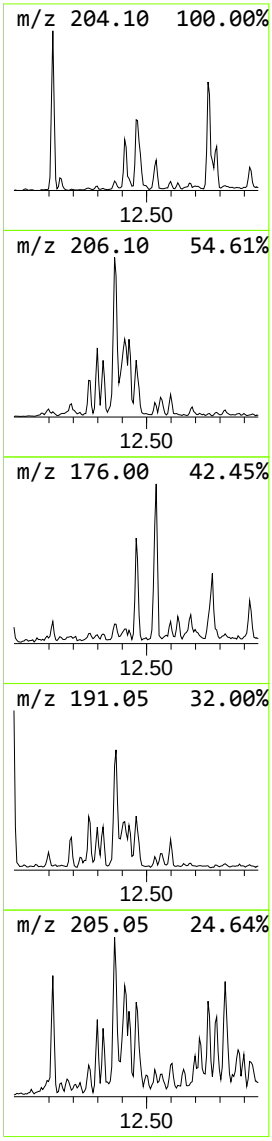
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	5.74 ng	420965	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	44
3	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	42
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38





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Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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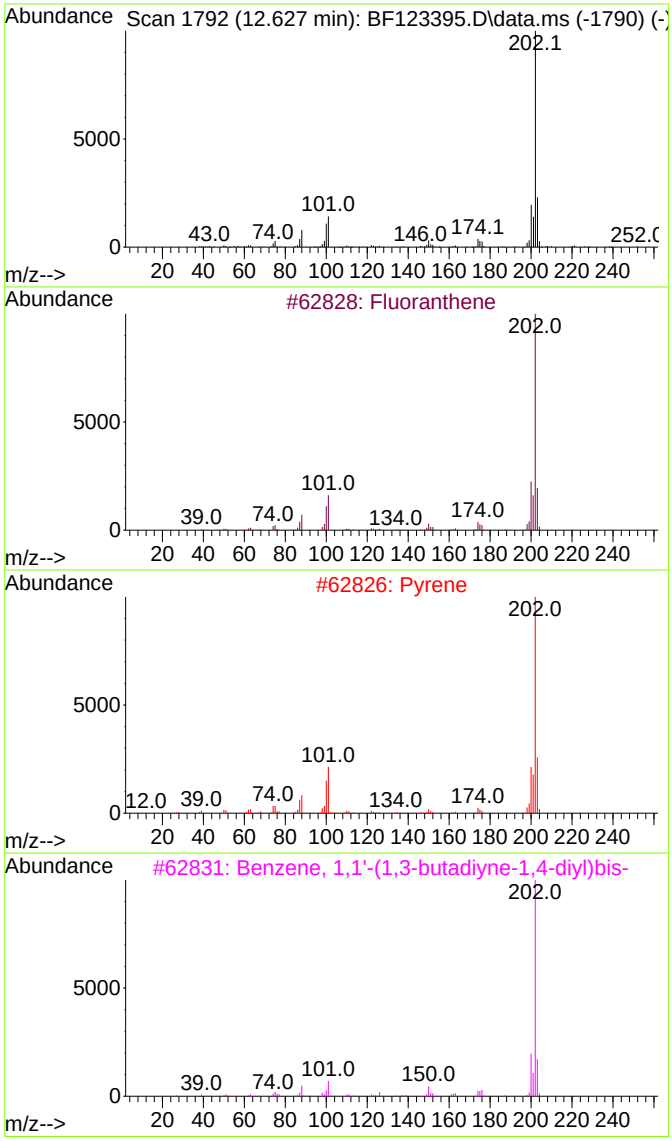
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

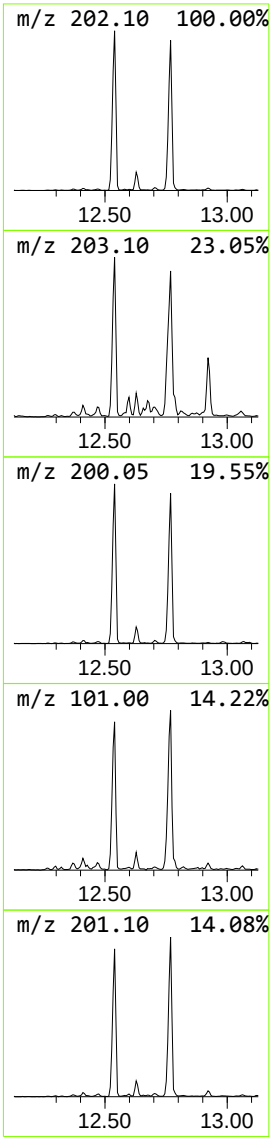
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	4.47 ng	327875	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	91
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	72
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	49
5	Pyridazine-3,6(1H,2H)-dione, 1-(...	202	C11H10N2O2	034019-60-8	42





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Sample : M1713-03 5X
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ALS Vial : 18 Sample Multiplier: 1

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

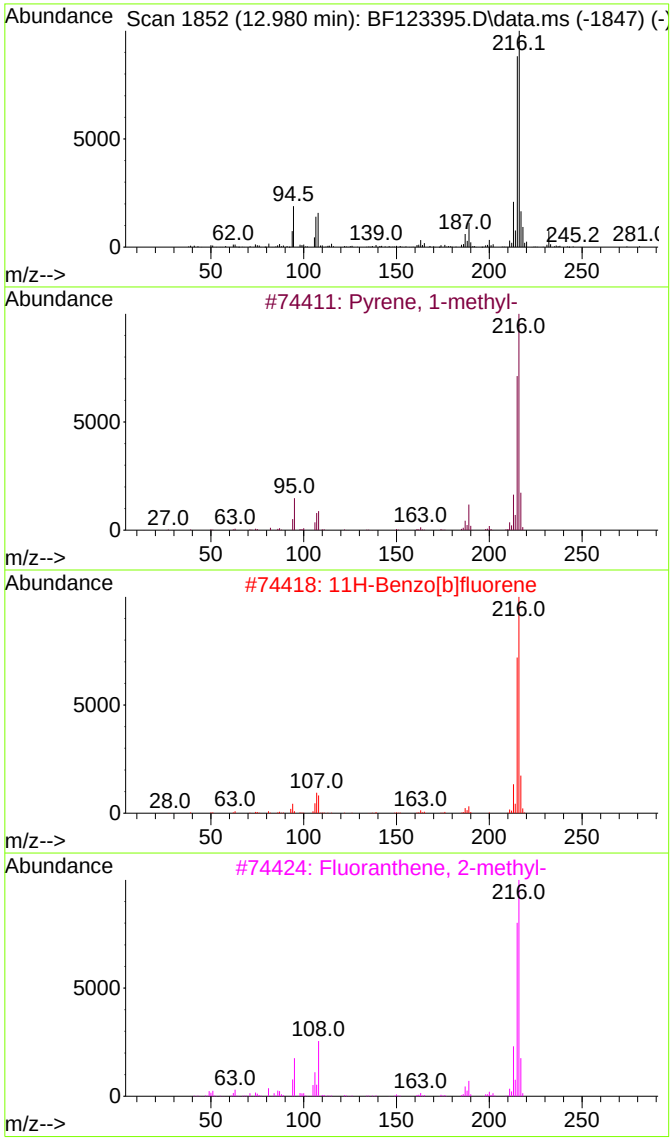
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

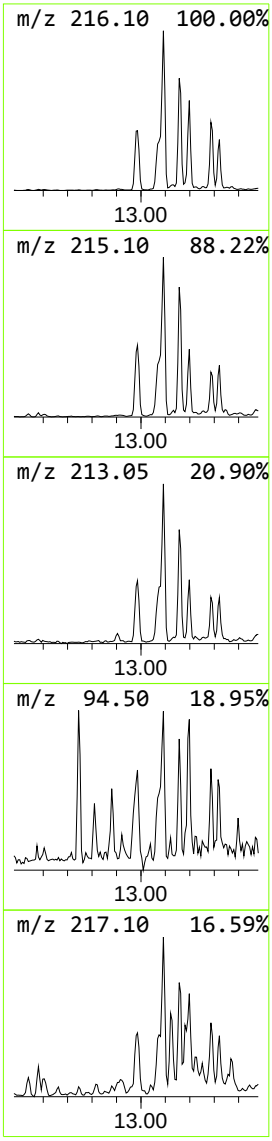
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	3.92 ng	700303	Chrysene-d12	13.969

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

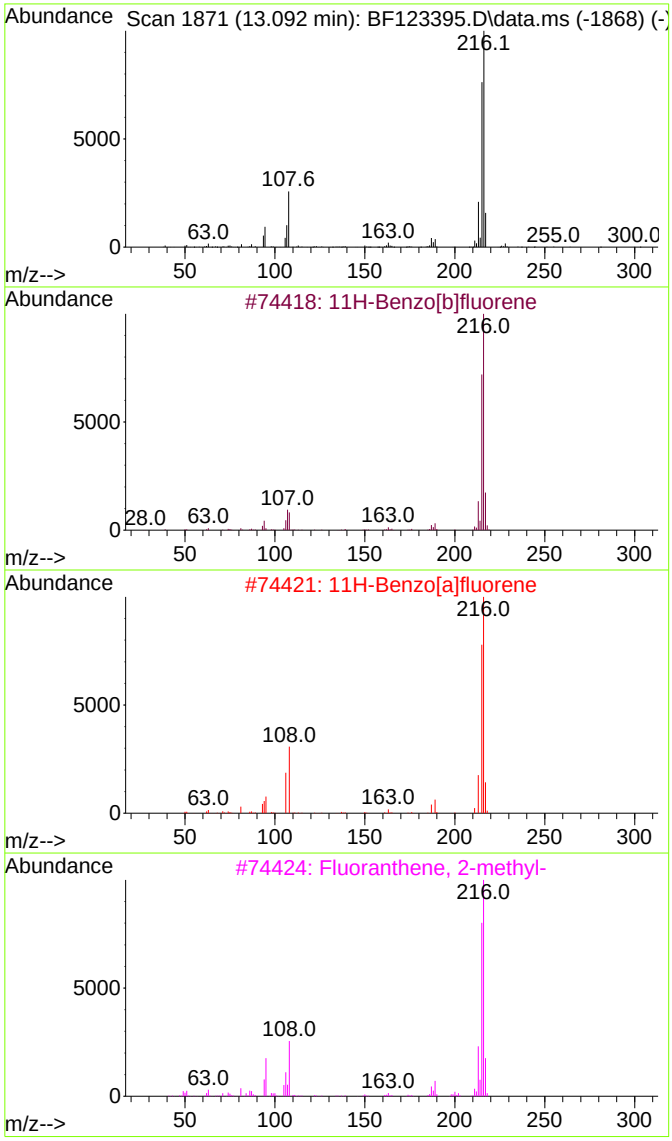
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

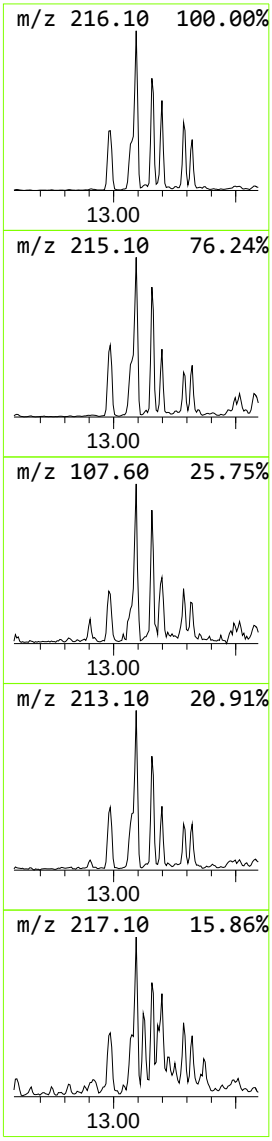
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	5.09 ng	908241	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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ALS Vial : 18 Sample Multiplier: 1

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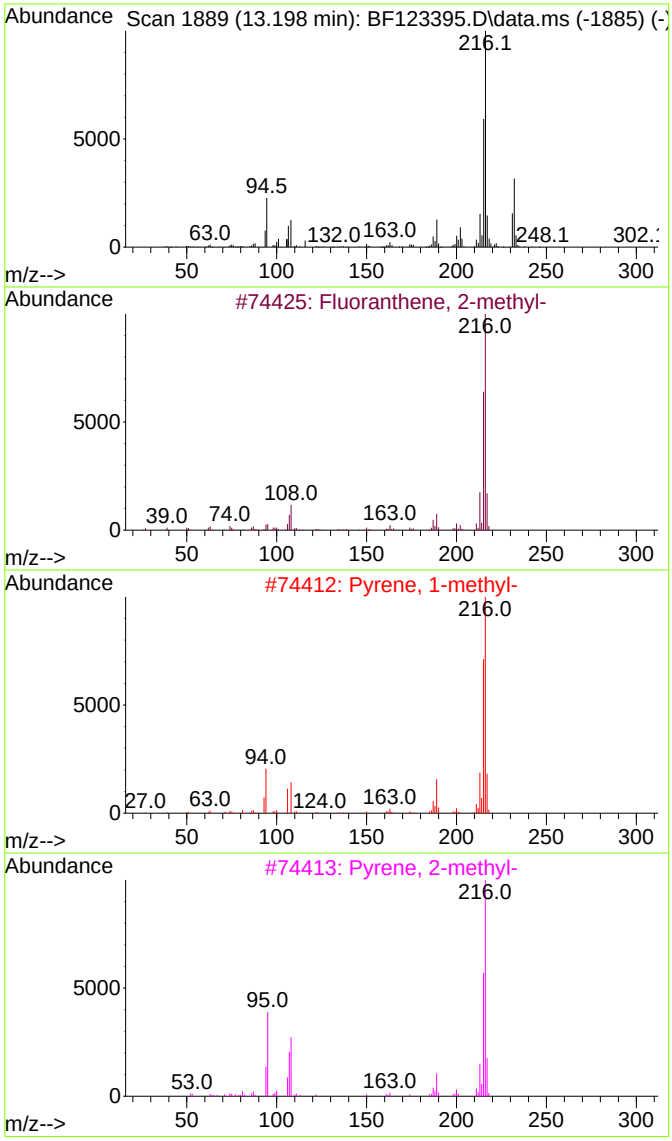
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

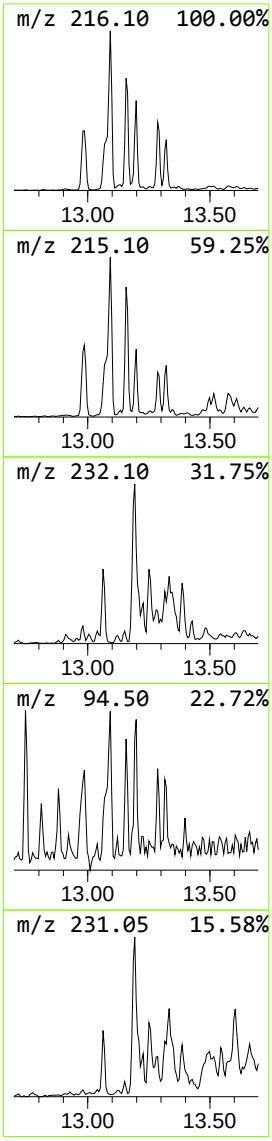
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	3.96 ng	707214	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62





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Data File : BF123395.D
Acq On : 18 Mar 2021 21:31
Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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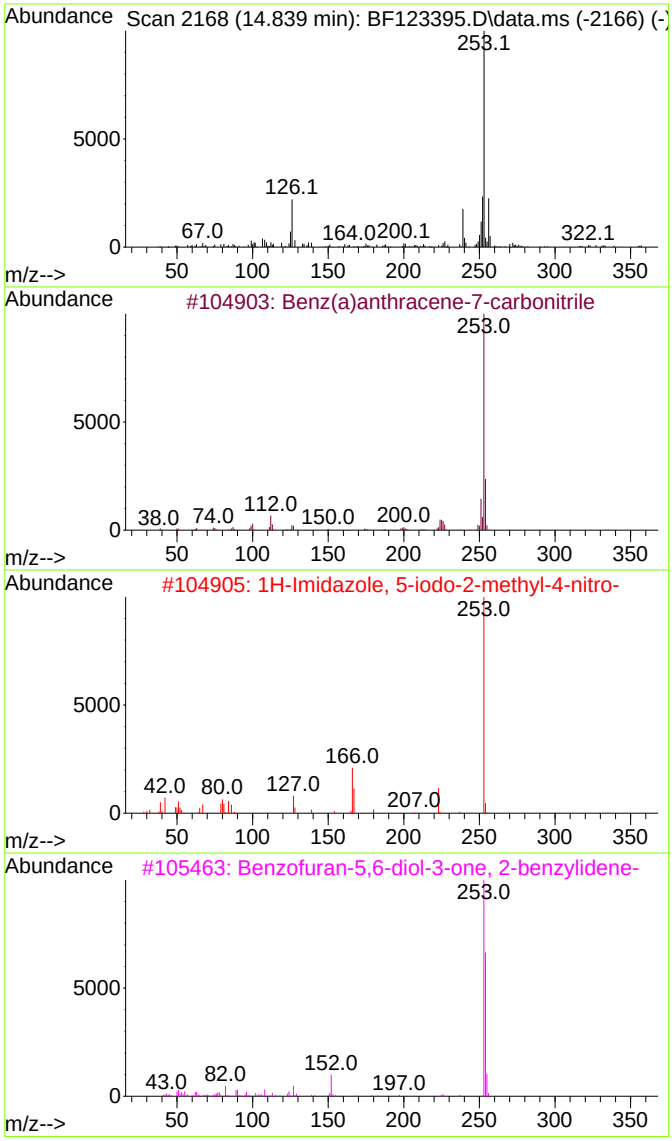
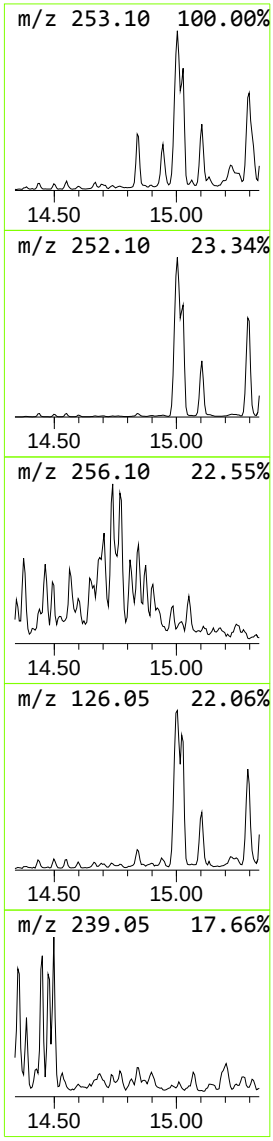
Peak Number 17 unknown14.839 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	6.00 ng	279902	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	38
2	1H-Imidazole, 5-iodo-2-methyl-4-...	253	C4H4IN3O2	1000362-18-4	25
3	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	17
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	13
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	12





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Data File : BF123395.D
Acq On : 18 Mar 2021 21:31
Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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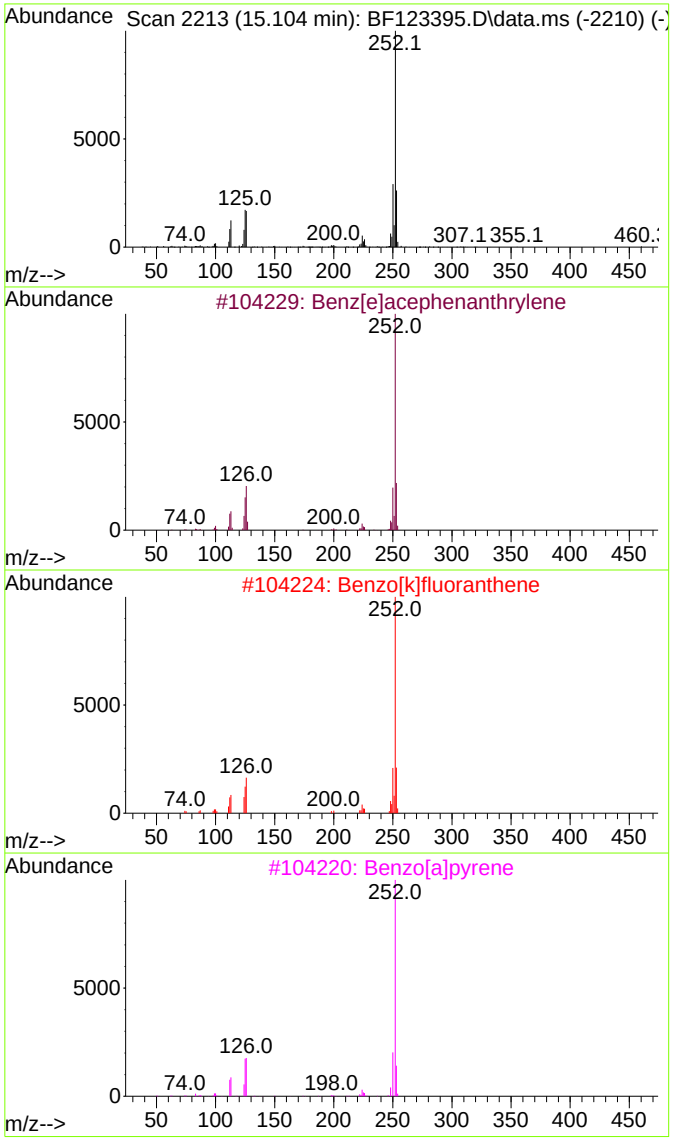
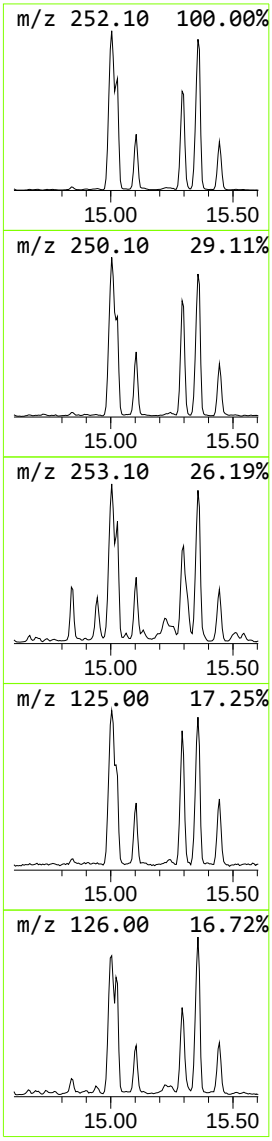
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	11.72 ng	546992	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Perylene	252	C20H12	000198-55-0	93





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Data File : BF123395.D
Acq On : 18 Mar 2021 21:31
Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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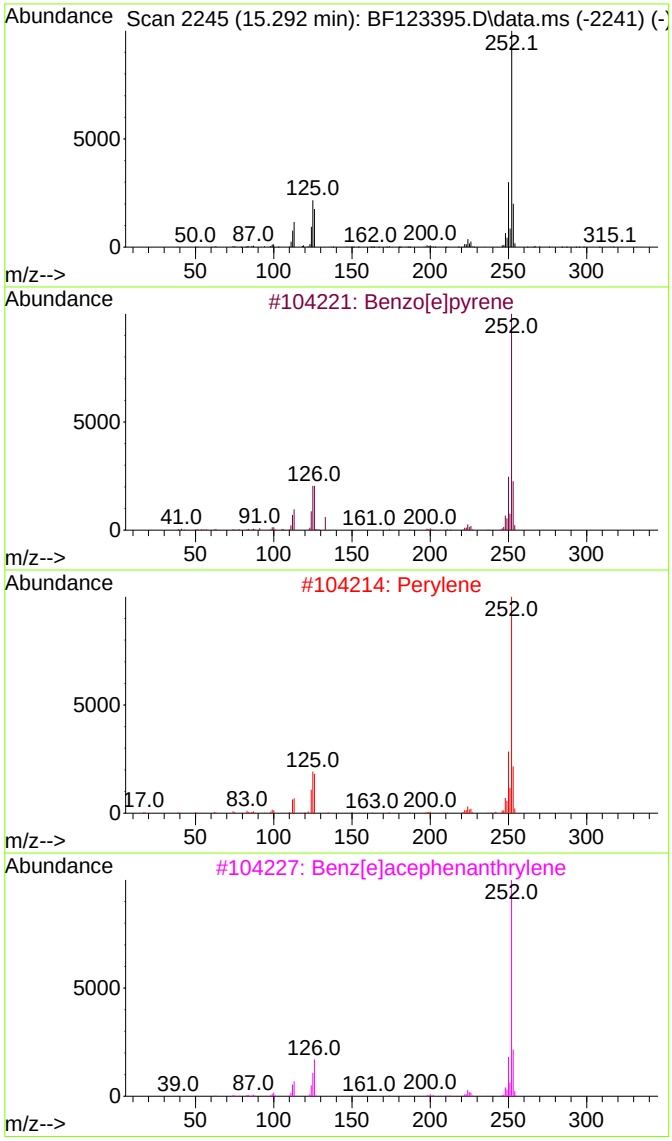
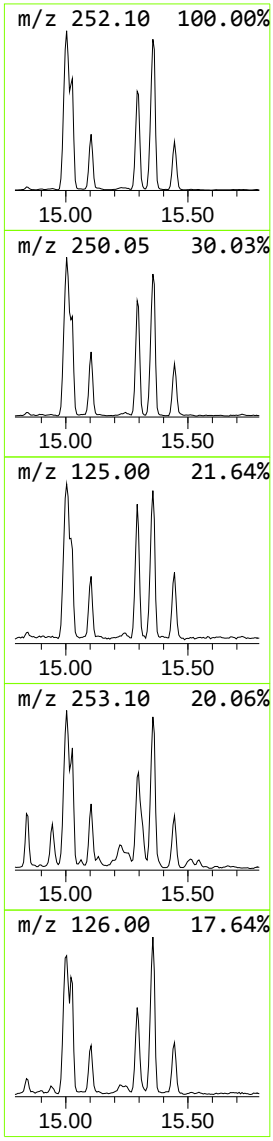
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	30.40 ng	1418310	Perylene-d12	15.416

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123395.D
Acq On : 18 Mar 2021 21:31
Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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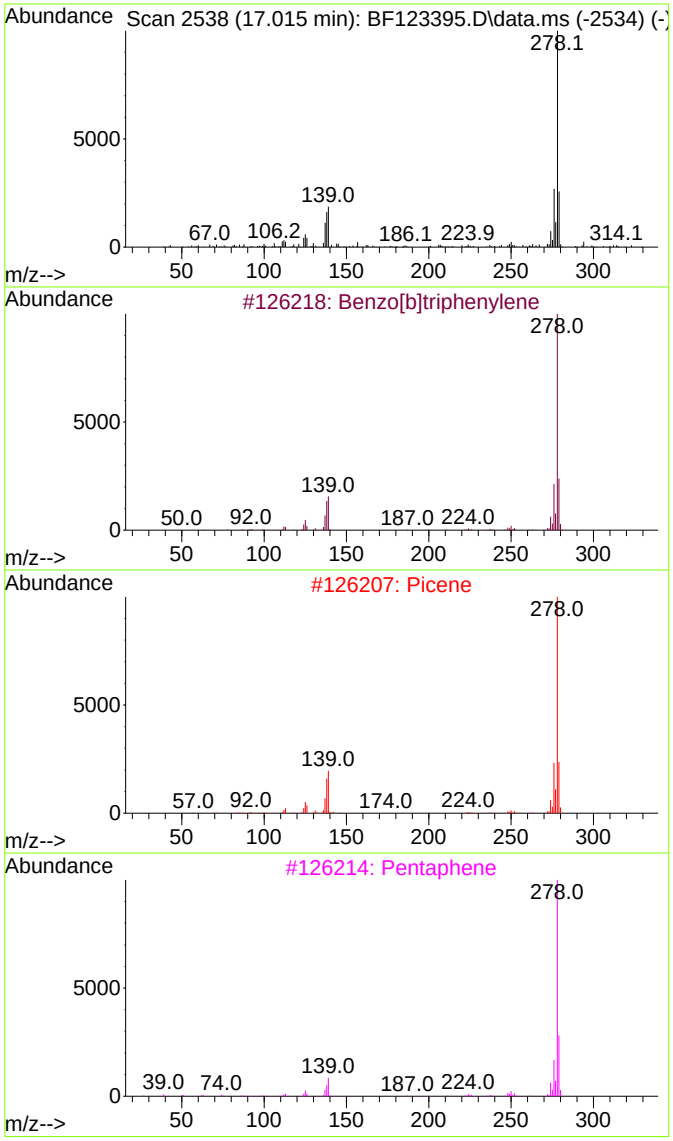
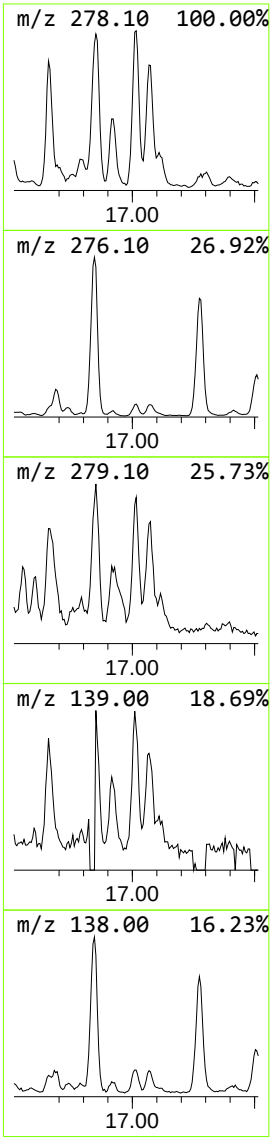
Peak Number 20 Benzo[b]triphenylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.015	3.76 ng	175286	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	Picene	278	C22H14	000213-46-7	93
3	Pentaphene	278	C22H14	000222-93-5	90
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
5	Benzo[b]chrysene	278	C22H14	000214-17-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123395.D
Acq On : 18 Mar 2021 21:31
Operator : JU/CG
Sample : M1713-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,1'-Biphenyl, ...	9.145	11.6	ng	1020830	3	9.828	1766800	20.0
Naphtho[2,1-b]f...	11.057	3.7	ng	272445	4	11.316	1466950	20.0
Phenol, 4-(2-ph...	11.163	4.3	ng	312515	4	11.316	1466950	20.0
Phenanthrene, 2...	11.822	6.0	ng	438565	4	11.316	1466950	20.0
Anthracene, 2-m...	11.845	8.3	ng	608809	4	11.316	1466950	20.0
Phenanthrene, 1...	11.892	5.5	ng	406817	4	11.316	1466950	20.0
4H-Cyclopenta[d...	11.933	15.0	ng	1100250	4	11.316	1466950	20.0
Phenanthrene, 3...	11.951	4.1	ng	303287	4	11.316	1466950	20.0
Naphthalene, 2-...	12.116	4.6	ng	335557	4	11.316	1466950	20.0
Anthracene, 1,4...	12.369	7.3	ng	534812	4	11.316	1466950	20.0
unknown12.410	12.410	5.2	ng	378231	4	11.316	1466950	20.0
Cyclopenta(def)...	12.457	5.7	ng	420965	4	11.316	1466950	20.0
Benzene, 1,1'-(...	12.627	4.5	ng	327875	4	11.316	1466950	20.0
Pyrene, 1-methyl-	12.980	3.9	ng	700303	5	13.969	3570720	20.0
11H-Benzo[b]flu...	13.092	5.1	ng	908241	5	13.969	3570720	20.0
Fluoranthene, 2...	13.198	4.0	ng	707214	5	13.969	3570720	20.0
unknown14.839	14.839	6.0	ng	279902	6	15.416	933085	20.0
Benzo[e]pyrene	15.104	11.7	ng	546992	6	15.416	933085	20.0
Perylene	15.292	30.4	ng	1418310	6	15.416	933085	20.0
Benzo[b]triphen...	17.015	3.8	ng	175286	6	15.416	933085	20.0