LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118819.D
Acq On : 4 Feb 2020 23:30
Operator : CG/JU
Sample : L1383-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

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-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	9	13	18	rVB4	18600	28944	1.24%	0.102%
2	5.422	563	567	571	rBV	1123271	1002594	42.97%	3.541%
3	6.434	735	739	748	rBV	1269527	1027378	44.03%	3.628%
4	6.816	800	804	807	rBV	1700983	1538040	65.91%	5.432%
5	6.969	826	830	834	rBV	1127759	885601	37.95%	3.128%
6	7.369	894	898	901	rBV	774612	661589	28.35%	2.336%
7	8.092	1017	1021	1024	rBV	2261853	2046386	87.70%	7.227%
8	8.804	1139	1142	1146	rBV	49754	41802	1.79%	0.148%
9	8.904	1155	1159	1162	rBV	45135	37011	1.59%	0.131%
10	9.169	1200	1204	1207	rBV	1648285	1266859	54.29%	4.474%
11	9.263	1214	1220	1223	rBV2	20168	27538	1.18%	0.097%
12	9.510	1258	1262	1264	rBV	36872	36863	1.58%	0.130%
13	9.557	1268	1270	1276	rVV2	48843	66130	2.83%	0.234%
14	9.622	1279	1281	1287	rBV3	19930	24793	1.06%	0.088%
15	9.704	1292	1295	1301	rVB	69438	67458	2.89%	0.238%
16	9.845	1316	1319	1323	rVV	2484953	2306309	98.84%	8.145%
17	9.880	1323	1325	1329	rVB	42936	34368	1.47%	0.121%
18	10.051	1351	1354	1358	rVB2	24348	25883	1.11%	0.091%
19	10.163	1368	1373	1376	rBV3	20631	25859	1.11%	0.091%
20	10.286	1391	1394	1400	rVB4	24497	36040	1.54%	0.127%
21	10.392	1409	1412	1418	rBV2	50511	56461	2.42%	0.199%
22	10.457	1418	1423	1425	rBV4	19227	26198	1.12%	0.093%
23	10.504	1429	1431	1435	rVB3	33719	33274	1.43%	0.118%
24	10.627	1449	1452	1457	rBV	825529	795105	34.07%	2.808%
25	10.757	1471	1474	1479	rVB2	56518	78072	3.35%	0.276%
26	10.939	1501	1505	1508	rBV4	27056	37055	1.59%	0.131%
27	11.092	1528	1531	1534	rVB2	28728	26945	1.15%	0.095%
28	11.133	1536	1538	1542	rVB3	27557	25093	1.08%	0.089%
29	11.204	1548	1550	1552	rVV2	35299	26231	1.12%	0.093%
30	11.233	1552	1555	1561	rVB2	49641	68915	2.95%	0.243%
31	11.333	1567	1572	1574	rBV	2264566	2195143	94.07%	7.752%
32	11.351	1574	1575	1579	rVV	428505	328371	14.07%	1.160%
33	11.404	1581	1584	1587	rVB	128734	107164	4.59%	0.378%
34	11.439	1587	1590	1593	rBV4	26593	32582	1.40%	0.115%

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Misc :
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Instrument : BNA_F
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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-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.627	1619	1622	1625	rVB2	58431	49974	2.14%	0.176%
36	11.663	1625	1628	1630	rBV	43334	35937	1.54%	0.127%
37	11.786	1646	1649	1651	rBV3	22067	27407	1.17%	0.097%
38	11.833	1653	1657	1659	rVV	141140	141767	6.08%	0.501%
39	11.857	1659	1661	1665	rVV	224346	220609	9.45%	0.779%
40	11.904	1666	1669	1672	rVV	81261	87489	3.75%	0.309%
41	11.939	1672	1675	1678	rVV2	215016	262577	11.25%	0.927%
42	11.963	1678	1679	1684	rVB	118742	95607	4.10%	0.338%
43	12.033	1689	1691	1694	rVB2	32409	33015	1.41%	0.117%
44	12.121	1700	1706	1709	rBV2	82813	117228	5.02%	0.414%
45	12.274	1730	1732	1735	rVB	52631	42538	1.82%	0.150%
46	12.310	1735	1738	1739	rBV	38210	35893	1.54%	0.127%
47	12.327	1739	1741	1744	rVB2	53405	41484	1.78%	0.147%
48	12.380	1747	1750	1753	rBV	150803	155054	6.64%	0.548%
49	12.421	1753	1757	1762	rVV3	84928	142217	6.09%	0.502%
50	12.463	1762	1764	1769	rVV3	61746	87209	3.74%	0.308%
51	12.539	1774	1777	1780	rVV	557392	469725	20.13%	1.659%
52	12.586	1782	1785	1787	rVV	100592	87481	3.75%	0.309%
53	12.633	1791	1793	1796	rVB	90770	76439	3.28%	0.270%
54	12.768	1811	1816	1819	rBV	802596	798925	34.24%	2.822%
55	12.792	1819	1820	1823	rVB2	86826	54588	2.34%	0.193%
56	12.910	1837	1840	1848	rVB	1188880	1030198	44.15%	3.638%
57	12.986	1850	1853	1857	rBV2	115381	156014	6.69%	0.551%
58	13.045	1861	1863	1865	rBV2	36445	27771	1.19%	0.098%
59	13.074	1865	1868	1869	rVV2	93323	105139	4.51%	0.371%
60	13.092	1869	1871	1874	rVB	153785	157039	6.73%	0.555%
61	13.162	1880	1883	1886	rVB2	90756	79798	3.42%	0.282%
62	13.198	1886	1889	1892	rBV	147829	131878	5.65%	0.466%
63	13.292	1902	1905	1908	rVB	114946	100886	4.32%	0.356%
64	13.321	1908	1910	1914	rBV	127568	122659	5.26%	0.433%
65	13.815	1991	1994	1998	rVB2	99701	126443	5.42%	0.447%
66	13.962	2014	2019	2022	rBV2	1991091	2333434	100.00%	8.241%
67	13.992	2022	2024	2029	rVB	446452	411192	17.62%	1.452%
68	14.068	2035	2037	2041	rBV	108260	121192	5.19%	0.428%
69	14.104	2041	2043	2046	rVB	95542	75093	3.22%	0.265%
70	14.351	2083	2085	2088	rVB	144366	104125	4.46%	0.368%
71	14.386	2089	2091	2094	rVB	125395	96670	4.14%	0.341%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.992	2190	2194	2204	rBV	457551	931951	39.94%	3.291%
73	15.286	2241	2244	2250	rVB	395391	467799	20.05%	1.652%
74	15.345	2250	2254	2260	rVB	621694	795979	34.11%	2.811%
75	15.409	2260	2265	2269	rBV	1532841	1993708	85.44%	7.041%
76	16.833	2503	2507	2516	rVB2	254576	479262	20.54%	1.693%
77	17.262	2577	2580	2589	rVB	211056	380131	16.29%	1.342%

Sum of corrected areas: 28315578

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Sample : L1383-01 5X
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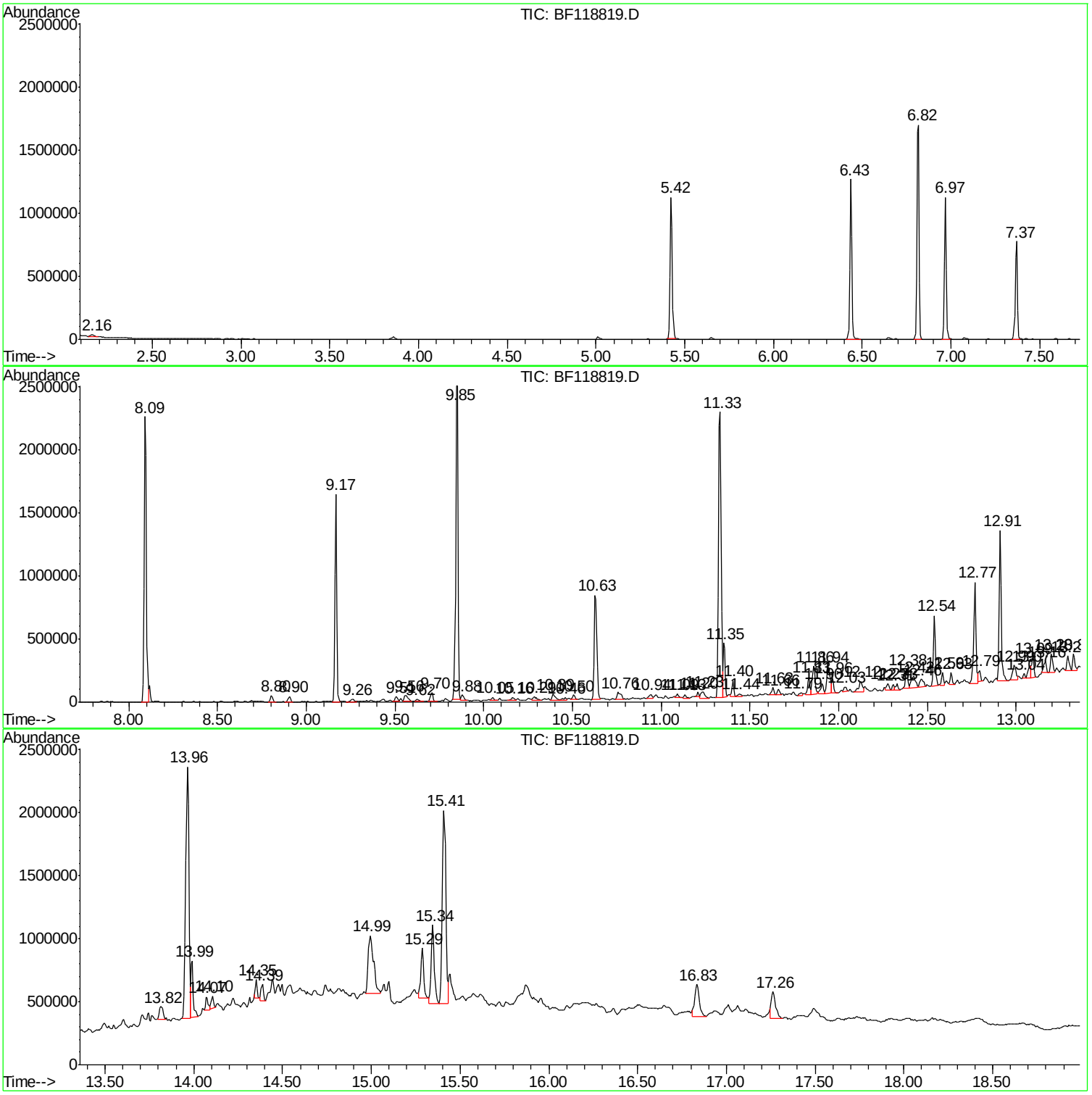
Instrument :
BNA_F
ClientSampleId :
TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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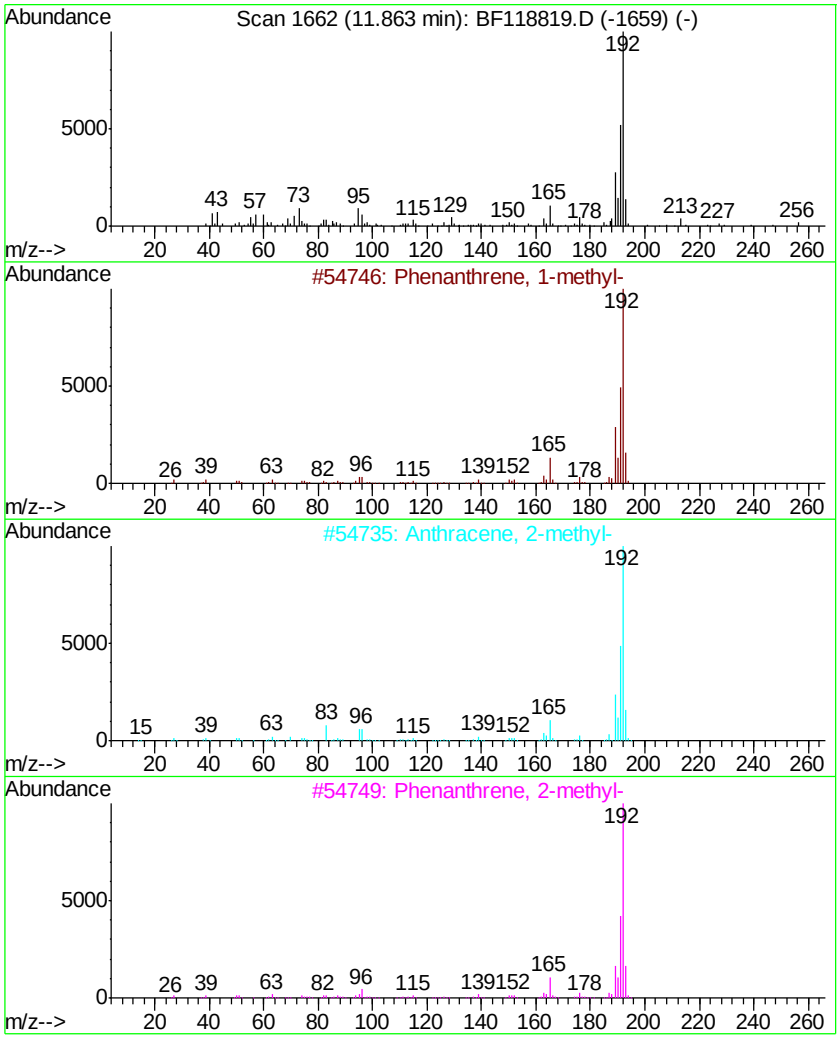
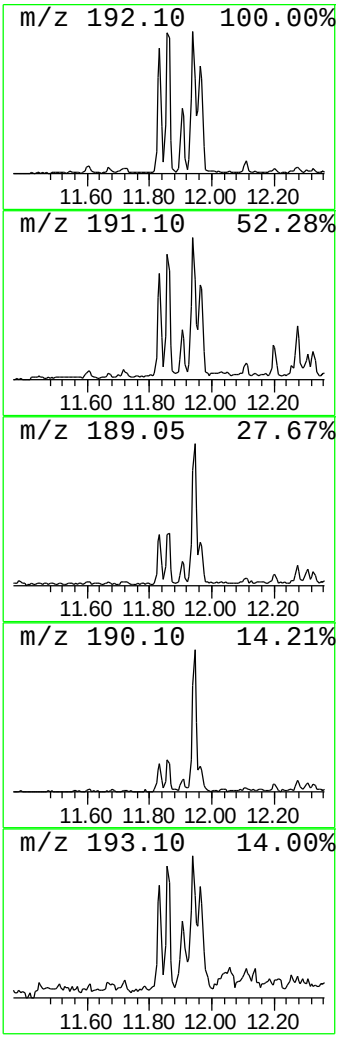
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.01 ng	220609	Phenanthrene-d10	11.33

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
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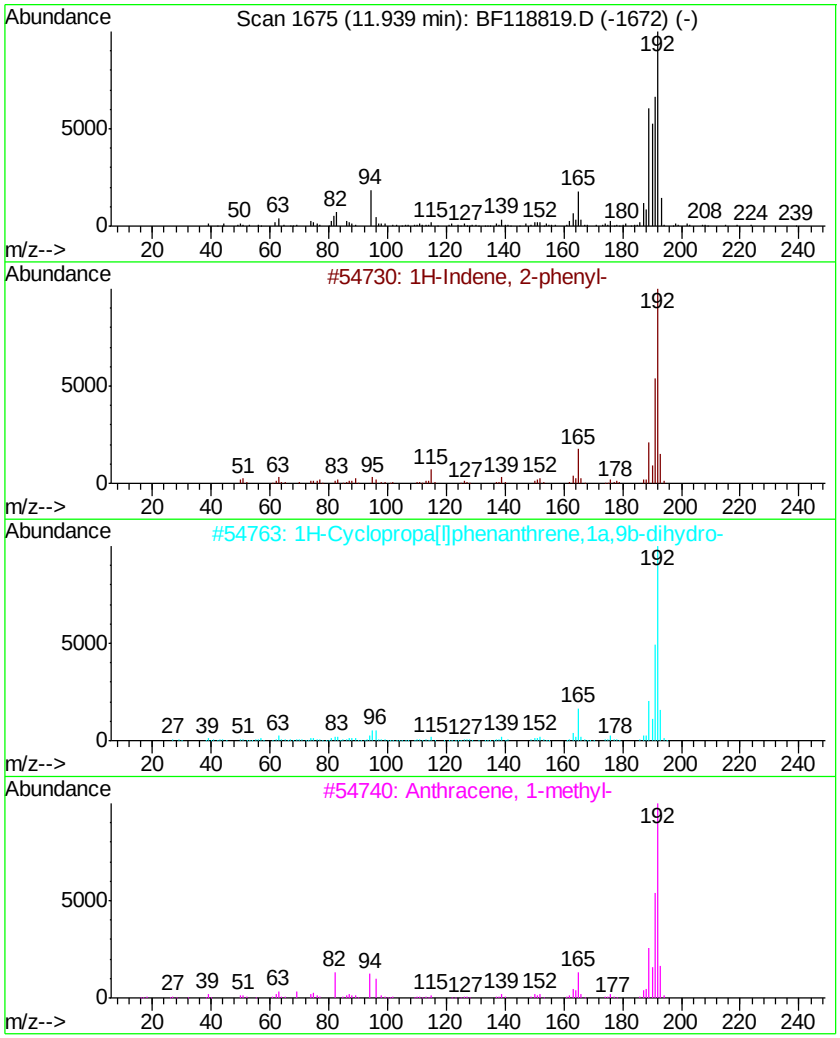
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

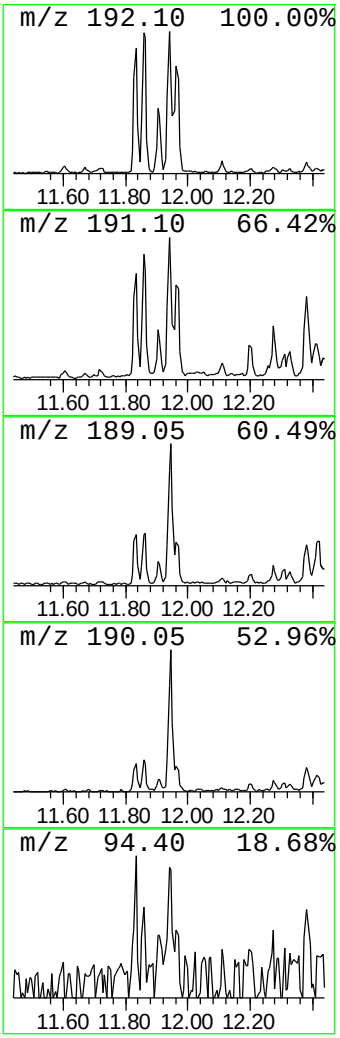
****

Peak Number 3 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.39 ng	262577	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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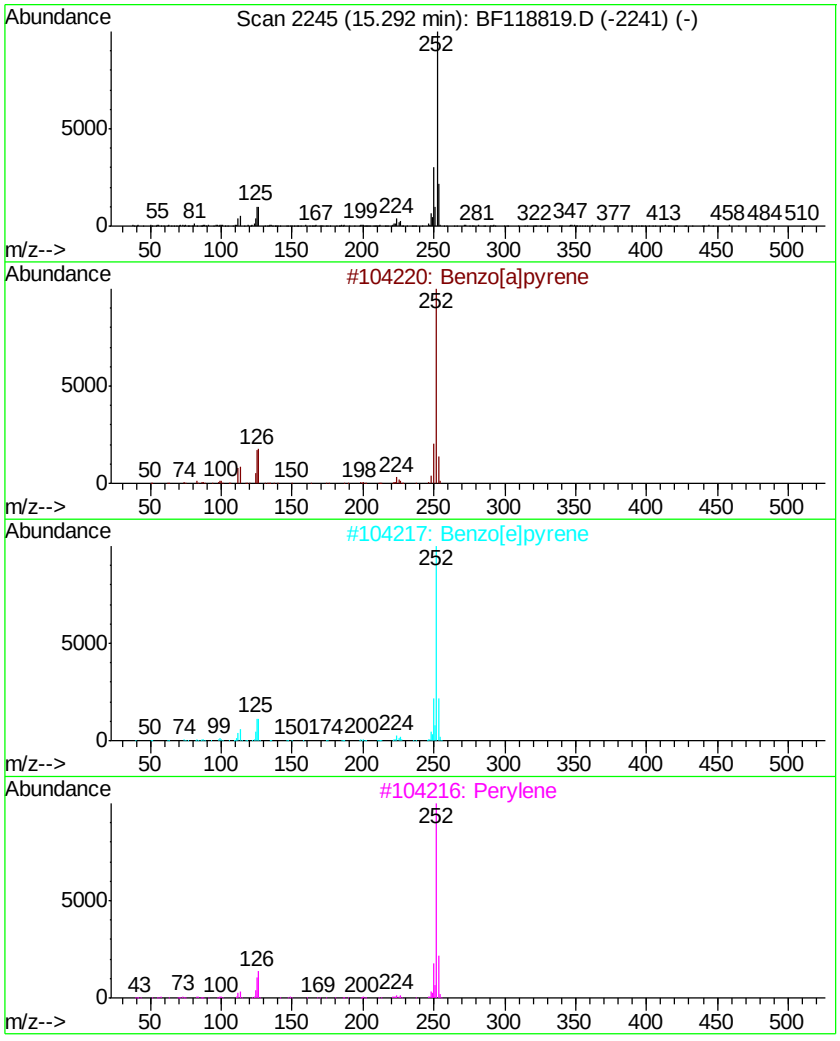
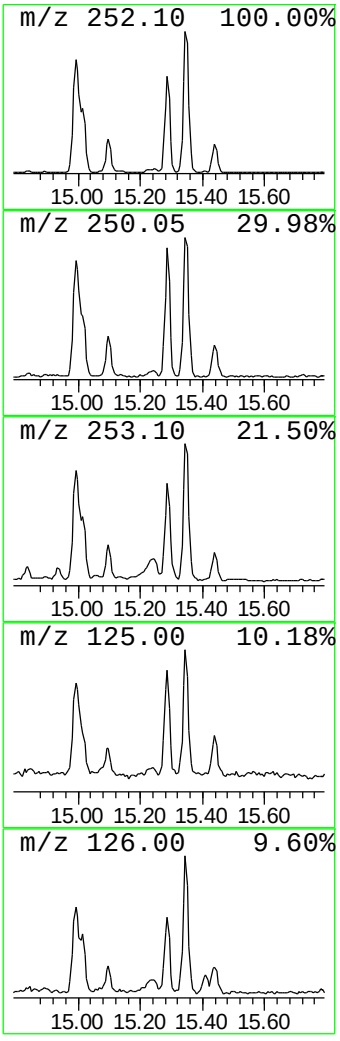
Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	4.69 ng	467799	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1-m...	11.86	2.0	ng	220609	4	11.33	2195140	20.0
1H-Indene, 2-phenyl-	11.94	2.4	ng	262577	4	11.33	2195140	20.0
Benzo[e]pyrene	15.29	4.7	ng	467799	6	15.41	1993710	20.0