LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101992.D
Acq On : 10 Jan 2018 21:16
Operator : SJ/JU
Sample : J1076-09 50X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-42-02

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:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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	3.693	269	273	279	rVB	15709	21554	1.12%	0.105%
2	6.357	722	726	732	rVB2	49451	60093	3.13%	0.293%
3	6.487	746	748	752	rVB	31159	22806	1.19%	0.111%
4	6.728	785	789	792	rBV	1577271	1316521	68.48%	6.416%
5	6.987	829	833	836	rBV	130309	116906	6.08%	0.570%
6	8.010	1002	1007	1009	rBV	2060166	1922455	100.00%	9.368%
7	8.028	1009	1010	1014	rVB	938502	599147	31.17%	2.920%
8	8.722	1124	1128	1131	rBV	129535	105848	5.51%	0.516%
9	8.816	1139	1144	1147	rBV	77920	64308	3.35%	0.313%
10	9.080	1186	1189	1193	rVB	30119	22521	1.17%	0.110%
11	9.186	1200	1207	1209	rBV	24533	23846	1.24%	0.116%
12	9.351	1231	1235	1238	rBV3	18804	23499	1.22%	0.115%
13	9.422	1244	1247	1249	rBV	33402	29461	1.53%	0.144%
14	9.622	1277	1281	1285	rBV	186713	153767	8.00%	0.749%
15	9.763	1298	1305	1308	rBV	2026967	1825991	94.98%	8.898%
16	9.792	1308	1310	1314	rVB2	45531	45459	2.36%	0.222%
17	9.963	1336	1339	1343	rVB	112559	85505	4.45%	0.417%
18	10.304	1394	1397	1403	rVB	233085	194776	10.13%	0.949%
19	10.463	1421	1424	1427	rBV	49721	38866	2.02%	0.189%
20	10.539	1433	1437	1443	rVB2	53947	67261	3.50%	0.328%
21	10.851	1481	1490	1493	rBV2	48610	57196	2.98%	0.279%
22	11.045	1520	1523	1528	rVB	44871	41104	2.14%	0.200%
23	11.092	1528	1531	1533	rBV	21394	21922	1.14%	0.107%
24	11.139	1536	1539	1545	rVB	69919	61073	3.18%	0.298%
25	11.245	1553	1557	1559	rBV	1915894	1811244	94.22%	8.826%
26	11.269	1559	1561	1564	rVV	1198779	936008	48.69%	4.561%
27	11.316	1564	1569	1572	rVV	388618	317546	16.52%	1.547%
28	11.345	1572	1574	1578	rVB3	24954	25448	1.32%	0.124%
29	11.469	1589	1595	1598	rBV	87848	95327	4.96%	0.465%
30	11.539	1604	1607	1610	rBV	36488	28095	1.46%	0.137%
31	11.569	1610	1612	1616	rVB3	29701	30747	1.60%	0.150%
32	11.651	1622	1626	1631	rVB	21158	25312	1.32%	0.123%
33	11.739	1638	1641	1644	rBV	129765	125246	6.51%	0.610%
34	11.769	1644	1646	1650	rVB	219057	162331	8.44%	0.791%

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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.816	1650	1654	1657	rBV	72402	61955	3.22%	0.302%
36	11.851	1657	1660	1663	rVV	293942	290152	15.09%	1.414%
37	11.874	1663	1664	1667	rVB	99603	60112	3.13%	0.293%
38	12.039	1689	1692	1694	rBV	112998	94651	4.92%	0.461%
39	12.057	1694	1695	1702	rVB2	43294	38321	1.99%	0.187%
40	12.186	1711	1717	1719	rBV2	17564	22220	1.16%	0.108%
41	12.216	1719	1722	1724	rBV	28389	22871	1.19%	0.111%
42	12.286	1730	1734	1737	rBV	74030	77967	4.06%	0.380%
43	12.327	1737	1741	1743	rVV2	50669	60963	3.17%	0.297%
44	12.374	1746	1749	1754	rVB2	57417	66911	3.48%	0.326%
45	12.451	1758	1762	1765	rBV	1353605	1109388	57.71%	5.406%
46	12.504	1767	1771	1772	rBV2	21708	27240	1.42%	0.133%
47	12.545	1775	1778	1781	rVB	176747	143947	7.49%	0.701%
48	12.604	1781	1788	1789	rBV3	32533	47609	2.48%	0.232%
49	12.680	1794	1801	1804	rBV2	1011191	992164	51.61%	4.835%
50	12.727	1806	1809	1814	rVB2	46113	54995	2.86%	0.268%
51	12.798	1818	1821	1823	rBV	80033	62676	3.26%	0.305%
52	12.827	1823	1826	1833	rVB2	50260	65126	3.39%	0.317%
53	12.898	1833	1838	1841	rBV2	77253	124059	6.45%	0.605%
54	12.980	1848	1852	1854	rBV4	66698	81932	4.26%	0.399%
55	13.004	1854	1856	1860	rVB	194032	162360	8.45%	0.791%
56	13.074	1865	1868	1870	rVV	144021	122978	6.40%	0.599%
57	13.110	1870	1874	1877	rVV2	107539	112542	5.85%	0.548%
58	13.168	1881	1884	1887	rBV3	31912	37748	1.96%	0.184%
59	13.198	1887	1889	1892	rVB	54848	46714	2.43%	0.228%
60	13.227	1892	1894	1899	rBV	58100	62686	3.26%	0.305%
61	13.410	1918	1925	1927	rBV7	25848	55709	2.90%	0.271%
62	13.486	1934	1938	1940	rBV5	21272	30111	1.57%	0.147%
63	13.510	1940	1942	1947	rVB	49897	54844	2.85%	0.267%
64	13.621	1956	1961	1964	rBV2	71275	97139	5.05%	0.473%
65	13.651	1964	1966	1968	rVV	86496	79924	4.16%	0.389%
66	13.674	1968	1970	1974	rVV2	63776	87157	4.53%	0.425%
67	13.715	1974	1977	1983	rVB2	61148	73158	3.81%	0.357%
68	13.874	1996	2004	2007	rBV2	1405159	1710473	88.97%	8.335%
69	13.898	2007	2008	2011	rVB	332505	196422	10.22%	0.957%
70	14.015	2023	2028	2030	rBV2	56820	66020	3.43%	0.322%
71	14.063	2032	2036	2038	rVV2	31832	41667	2.17%	0.203%

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72	14.098	2041	2042	2046	rVB2	31004	29029	1.51%	0.141%
73	14.198	2055	2059	2061	rBV5	18868	25073	1.30%	0.122%
74	14.221	2061	2063	2065	rVV2	23798	28124	1.46%	0.137%
75	14.257	2066	2069	2072	rVV	92260	102636	5.34%	0.500%
76	14.292	2072	2075	2078	rVV	46297	46511	2.42%	0.227%
77	14.351	2082	2085	2088	rVV3	63319	69393	3.61%	0.338%
78	14.380	2088	2090	2092	rVV2	48115	51513	2.68%	0.251%
79	14.404	2092	2094	2099	rVV3	53878	60882	3.17%	0.297%
80	14.457	2099	2103	2106	rVB4	27316	38342	1.99%	0.187%
81	14.510	2109	2112	2117	rVV7	12460	22929	1.19%	0.112%
82	14.639	2131	2134	2135	rBV3	23094	22910	1.19%	0.112%
83	14.886	2171	2176	2186	rBV	290734	576598	29.99%	2.810%
84	14.986	2190	2193	2197	rVB	87280	99845	5.19%	0.487%
85	15.174	2220	2225	2230	rVB	160327	206009	10.72%	1.004%
86	15.227	2230	2234	2239	rBV	254957	308548	16.05%	1.504%
87	15.292	2240	2245	2249	rVV	932721	1118133	58.16%	5.449%
88	15.321	2249	2250	2257	rVB2	81560	92005	4.79%	0.448%
89	15.751	2319	2323	2326	rBV5	21934	33901	1.76%	0.165%
90	15.815	2331	2334	2338	rVB3	21088	21326	1.11%	0.104%
91	16.227	2399	2404	2410	rBV7	24337	60490	3.15%	0.295%
92	16.656	2472	2477	2485	rVB2	111319	224402	11.67%	1.094%
93	16.733	2488	2490	2493	rBV4	14618	20251	1.05%	0.099%
94	16.827	2503	2506	2510	rVB3	22117	34665	1.80%	0.169%
95	17.068	2541	2547	2554	rBV	98459	183414	9.54%	0.894%
96	17.198	2565	2569	2571	rBV5	14841	21701	1.13%	0.106%

Sum of corrected areas: 20520730

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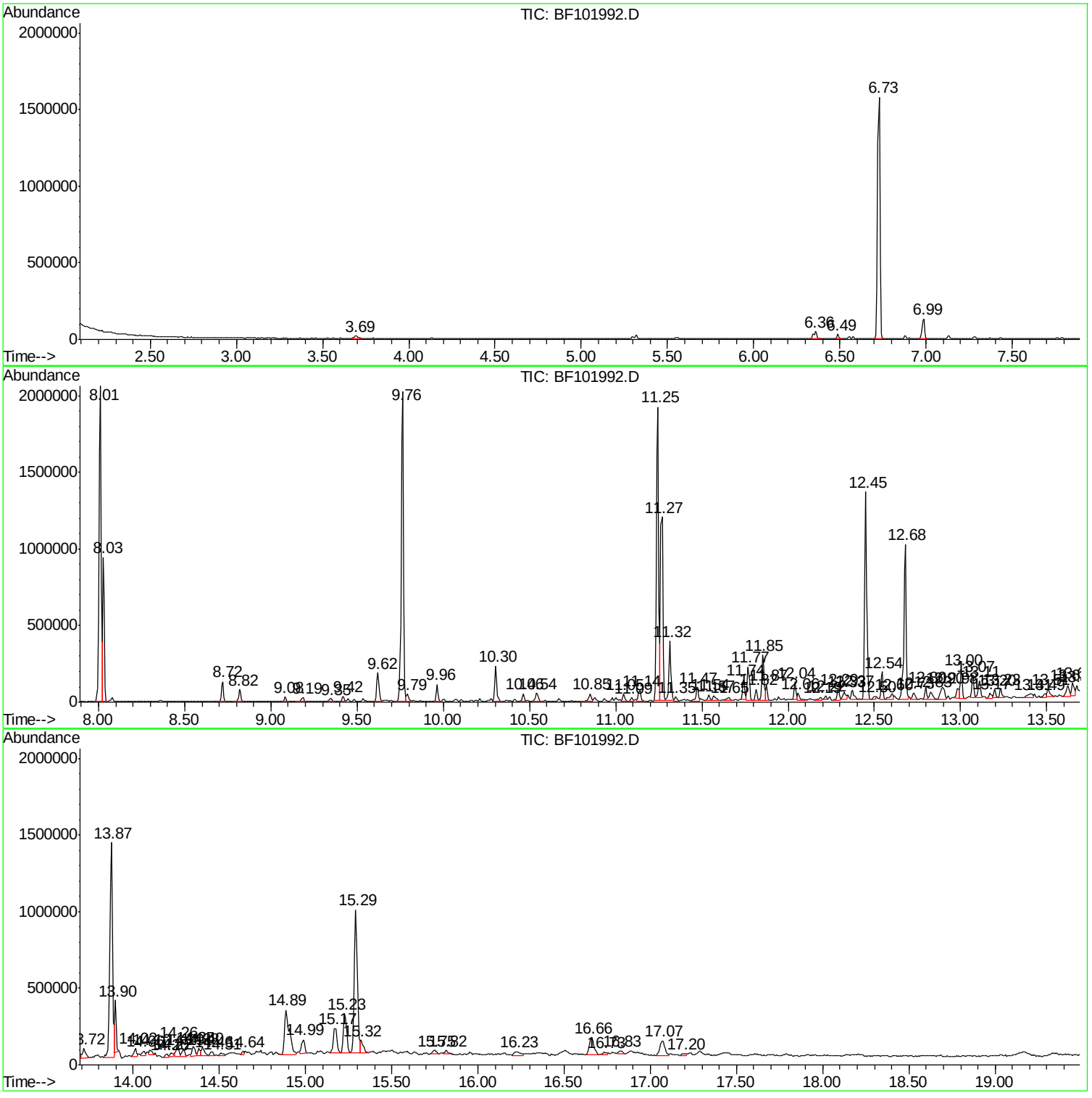
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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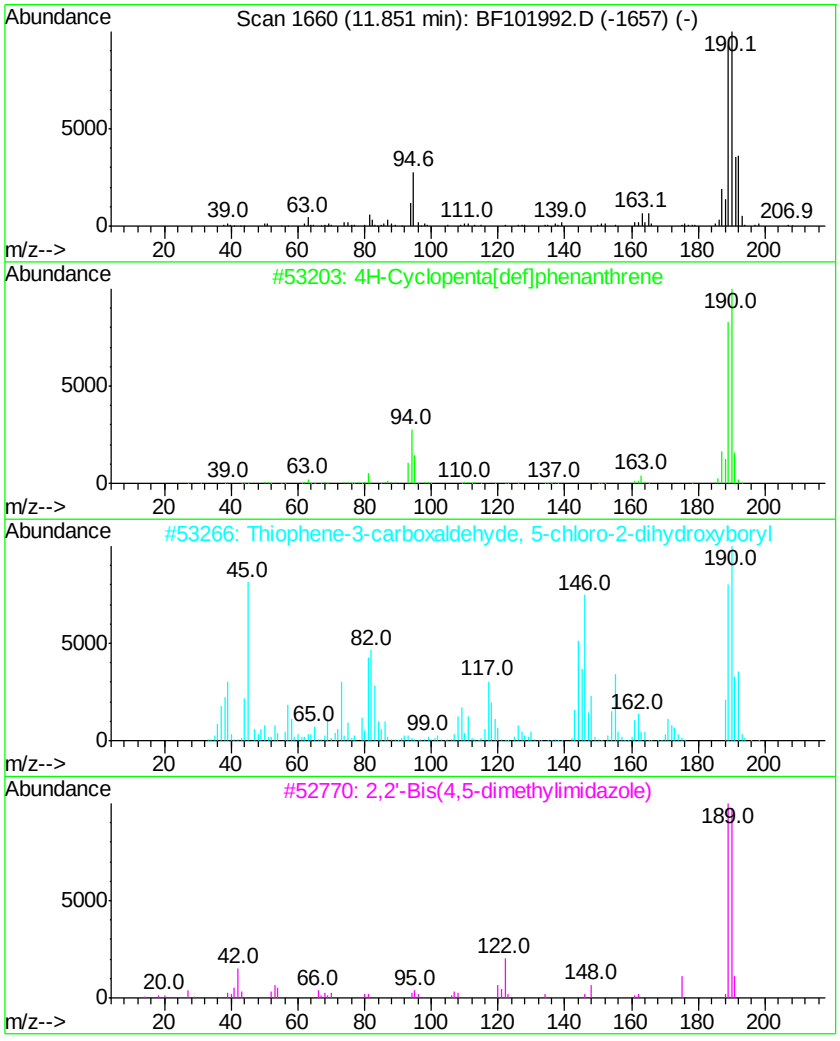
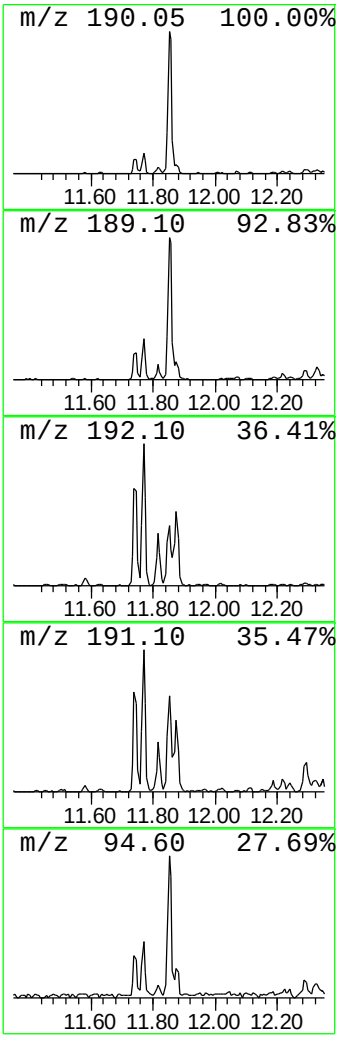
****

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.20 ng	290152	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	38
5	Megastigmatrienone	190	C13H18O	038818-55-2	18





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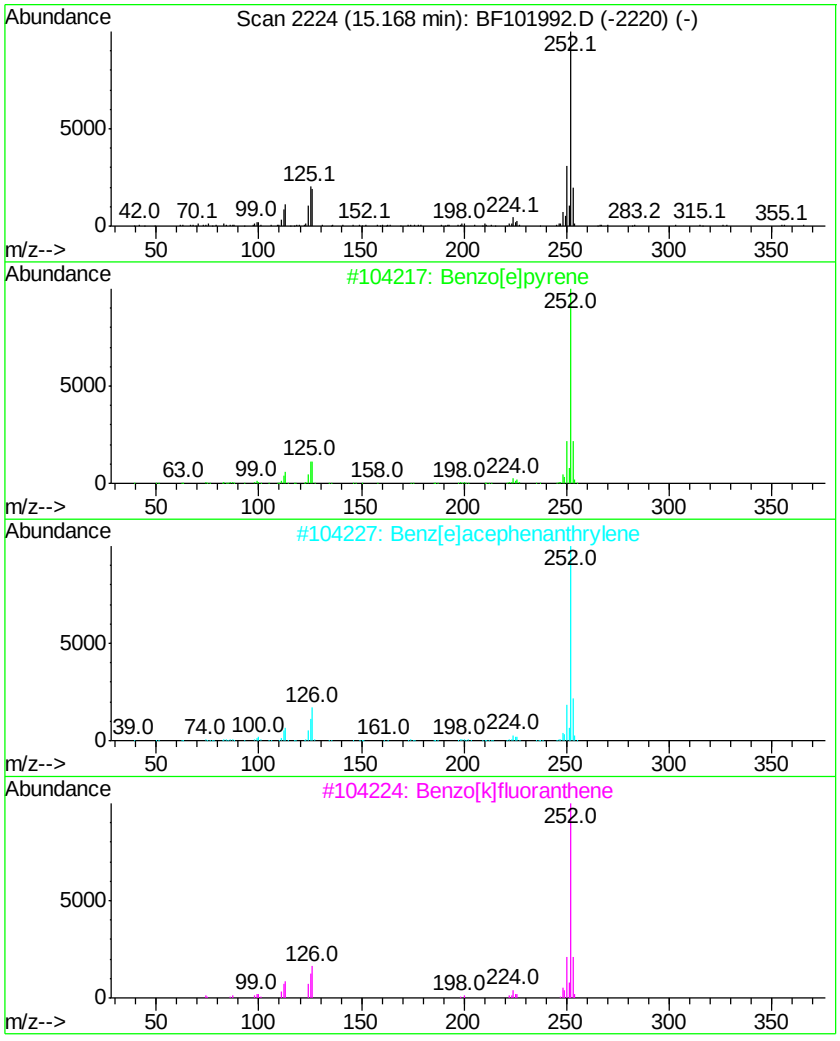
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

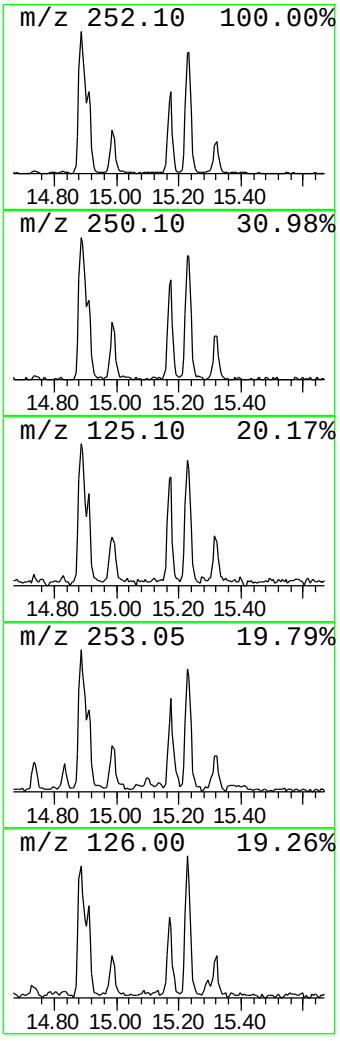
****

Peak Number 2 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.68 ng	206009	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4H-Cyclopenta[def...	11.85	3.2	ng	290152	4	11.25	1811240	20.0
Benzo[e]pyrene	15.17	3.7	ng	206009	6	15.29	1118130	20.0