LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098123.D
Acq On : 29 Aug 2017 21:01
Operator : SJ/JU
Sample : I4994-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-082517-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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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	4.910	477	480	491	rBV	19475	24620	2.33%	0.227%
2	5.328	547	551	566	rBV	293865	285754	27.04%	2.639%
3	6.357	723	726	739	rBV	323264	308324	29.17%	2.847%
4	6.492	746	749	756	rBV	323216	304066	28.77%	2.808%
5	6.734	786	790	793	rBV	883404	802106	75.90%	7.408%
6	6.886	812	816	824	rBV	259760	225040	21.29%	2.078%
7	7.292	881	885	894	rBV	185882	170421	16.13%	1.574%
8	8.016	1003	1008	1025	rBV	1214646	1056827	100.00%	9.760%
9	9.092	1187	1191	1202	rBV	351334	311490	29.47%	2.877%
10	9.486	1255	1258	1263	rBV	48010	43812	4.15%	0.405%
11	9.769	1302	1306	1309	rBV	1209978	1006211	95.21%	9.293%
12	9.798	1309	1311	1316	rVB	61399	51634	4.89%	0.477%
13	9.974	1336	1341	1345	rBV	26459	25205	2.38%	0.233%
14	10.316	1396	1399	1403	rBV	64750	56140	5.31%	0.518%
15	10.551	1435	1439	1446	rBV	146753	142708	13.50%	1.318%
16	10.680	1457	1461	1464	rBV3	13346	17536	1.66%	0.162%
17	10.863	1487	1492	1494	rBV	12611	14047	1.33%	0.130%
18	11.145	1538	1540	1545	rVB	25276	24851	2.35%	0.230%
19	11.251	1554	1558	1560	rBV	991799	869672	82.29%	8.032%
20	11.274	1560	1562	1565	rVV	387312	300324	28.42%	2.774%
21	11.327	1565	1571	1575	rVB	82401	85437	8.08%	0.789%
22	11.480	1591	1597	1604	rBV	54626	52016	4.92%	0.480%
23	11.545	1606	1608	1612	rBV2	12053	12081	1.14%	0.112%
24	11.751	1640	1643	1645	rBV	42217	34569	3.27%	0.319%
25	11.780	1645	1648	1651	rVB	59835	49613	4.69%	0.458%
26	11.827	1651	1656	1658	rBV	15533	15023	1.42%	0.139%
27	11.863	1658	1662	1664	rVV	90931	91140	8.62%	0.842%
28	11.886	1664	1666	1671	rVB	24993	21863	2.07%	0.202%
29	12.045	1691	1693	1695	rBV	29996	22299	2.11%	0.206%
30	12.074	1695	1698	1701	rVB2	21693	22497	2.13%	0.208%
31	12.227	1721	1724	1726	rBV2	12527	12343	1.17%	0.114%
32	12.298	1732	1736	1739	rBV	28375	27999	2.65%	0.259%
33	12.339	1739	1743	1748	rVV2	19361	32108	3.04%	0.297%
34	12.380	1748	1750	1755	rVV2	20410	22005	2.08%	0.203%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.457	1760	1763	1767	rVV	558775	483602	45.76%	4.466%
36	12.521	1769	1774	1777	rVB2	11290	13897	1.31%	0.128%
37	12.610	1783	1789	1793	rBV3	16448	23360	2.21%	0.216%
38	12.686	1796	1802	1805	rBV	465585	445260	42.13%	4.112%
39	12.739	1809	1811	1817	rVB2	17063	21418	2.03%	0.198%
40	12.810	1819	1823	1824	rBV	21564	22316	2.11%	0.206%
41	12.833	1824	1827	1833	rVB	247542	233386	22.08%	2.155%
42	12.910	1835	1840	1843	rBV4	22655	39322	3.72%	0.363%
43	13.015	1855	1858	1861	rVB	76211	67375	6.38%	0.622%
44	13.080	1865	1869	1872	rBV2	51556	55249	5.23%	0.510%
45	13.115	1872	1875	1878	rVB	32595	35348	3.34%	0.326%
46	13.210	1888	1891	1894	rVB	22494	17592	1.66%	0.162%
47	13.239	1894	1896	1900	rBV	23308	22846	2.16%	0.211%
48	13.521	1937	1944	1950	rBV3	24741	47633	4.51%	0.440%
49	13.633	1958	1963	1965	rBV3	30758	38595	3.65%	0.356%
50	13.662	1965	1968	1970	rVV	30423	31239	2.96%	0.288%
51	13.680	1970	1971	1974	rVV	26490	29665	2.81%	0.274%
52	13.733	1977	1980	1983	rVB2	26664	32277	3.05%	0.298%
53	13.880	2000	2005	2008	rBV2	820324	948527	89.75%	8.760%
54	13.910	2008	2010	2015	rVB	191214	166065	15.71%	1.534%
55	13.986	2021	2023	2025	rBV	36029	29673	2.81%	0.274%
56	14.027	2028	2030	2032	rBV2	14664	12981	1.23%	0.120%
57	14.268	2069	2071	2074	rVB	32942	26254	2.48%	0.242%
58	14.304	2074	2077	2080	rBV	21669	22113	2.09%	0.204%
59	14.362	2084	2087	2089	rVB2	23852	22311	2.11%	0.206%
60	14.392	2090	2092	2094	rBV3	18572	16199	1.53%	0.150%
61	14.898	2174	2178	2181	rBV	172106	259931	24.60%	2.400%
62	15.180	2223	2226	2233	rVB	89615	107177	10.14%	0.990%
63	15.239	2233	2236	2242	rBV	126660	163128	15.44%	1.507%
64	15.304	2242	2247	2250	rBV	528227	641083	60.66%	5.920%
65	15.745	2319	2322	2327	rBV3	31277	48345	4.57%	0.446%
66	16.674	2475	2480	2486	rVB2	51243	98143	9.29%	0.906%
67	17.080	2544	2549	2555	rBV2	34946	64114	6.07%	0.592%

Sum of corrected areas: 10828205

LSC Report - Integrated Chromatogram

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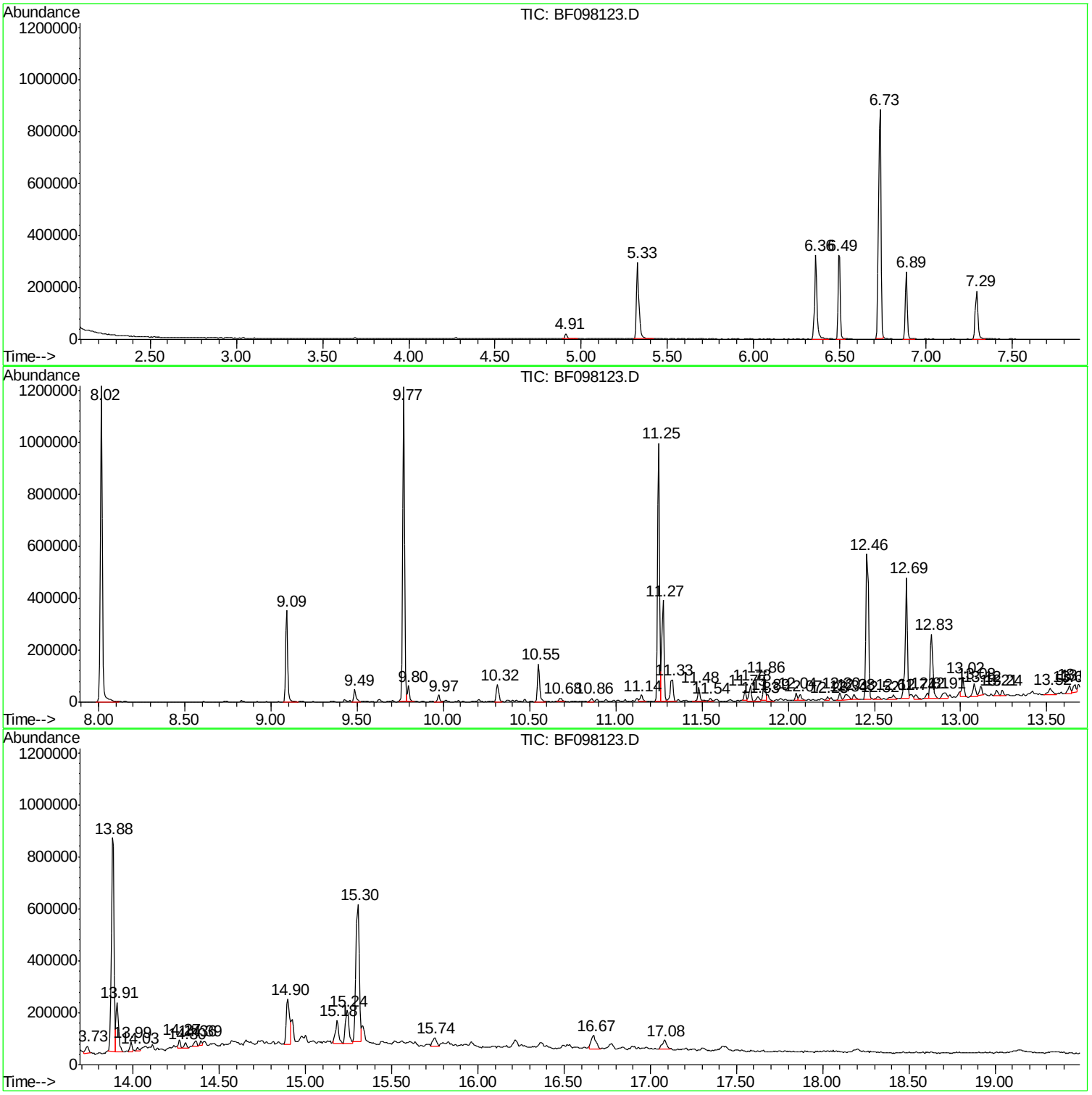
Instrument : BNA_F
ClientSampleId : EO-01-082517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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

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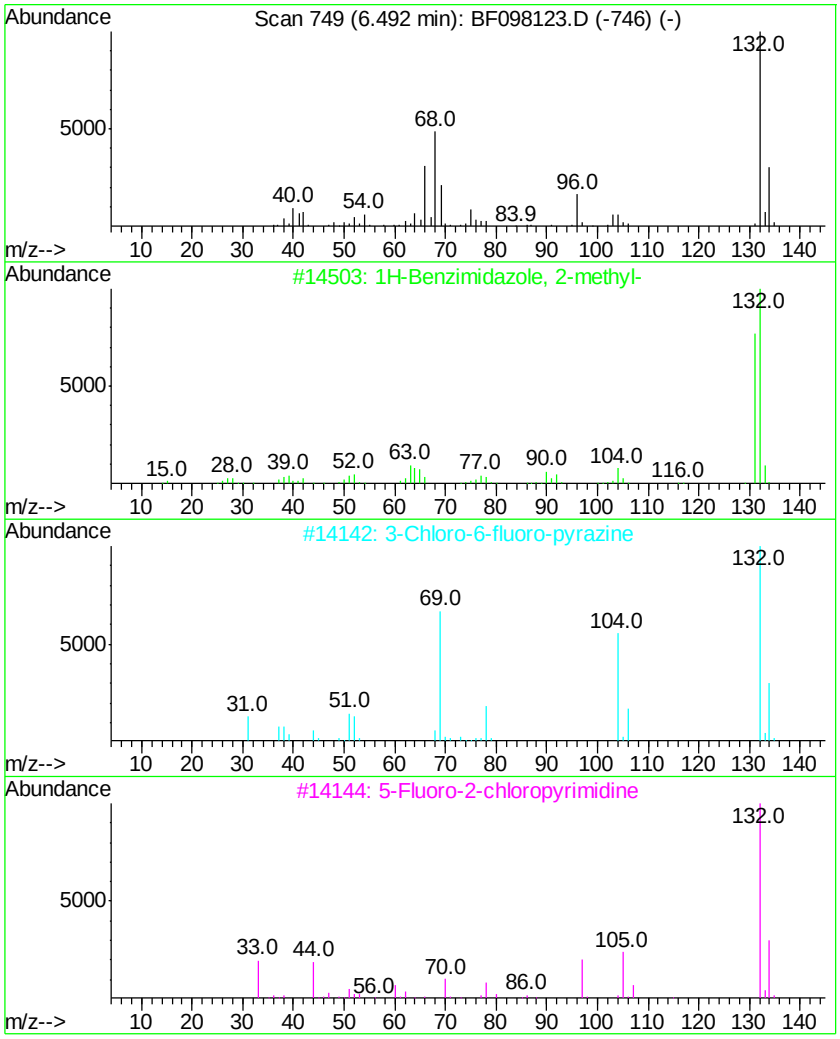
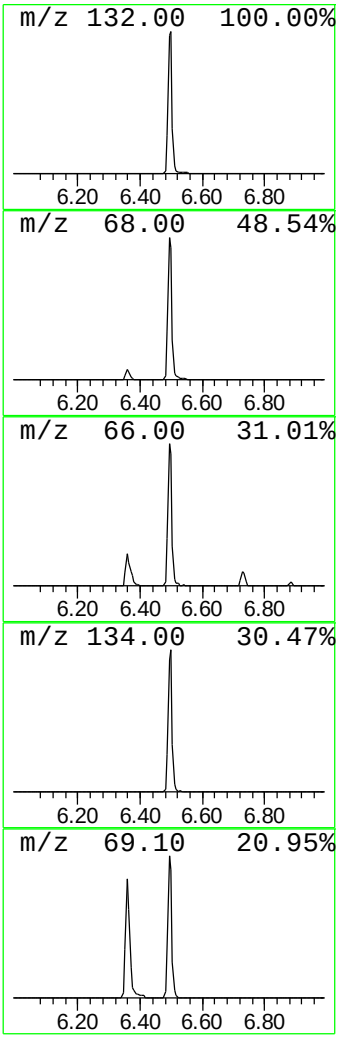
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	7.58 ng	304066	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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ClientSampleId : EO-01-082517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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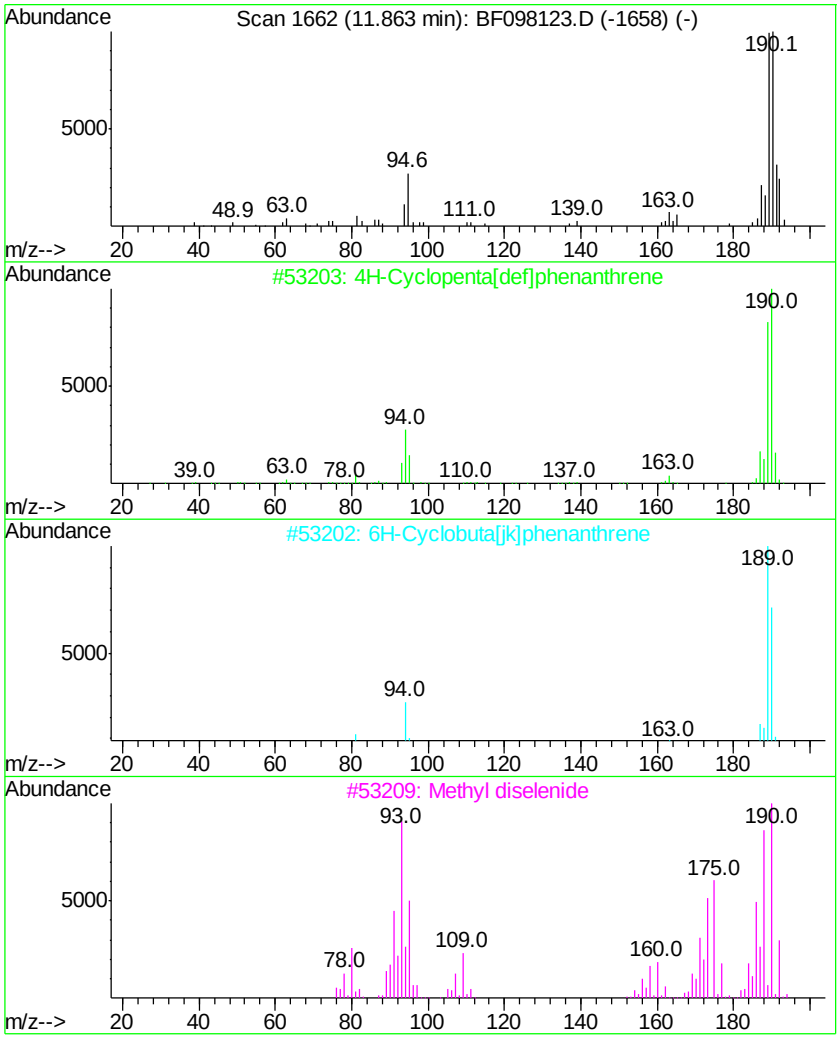
TIC Integration Parameters: LSCINT.P

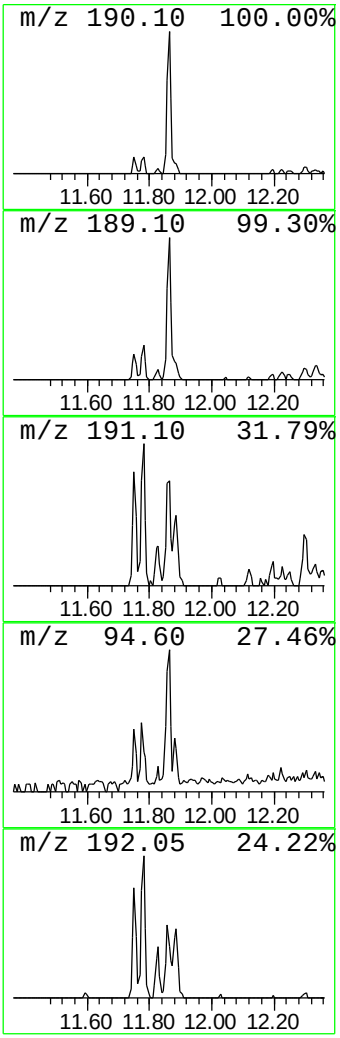
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.10 ng	91140	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	10





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ALS Vial : 17 Sample Multiplier: 1

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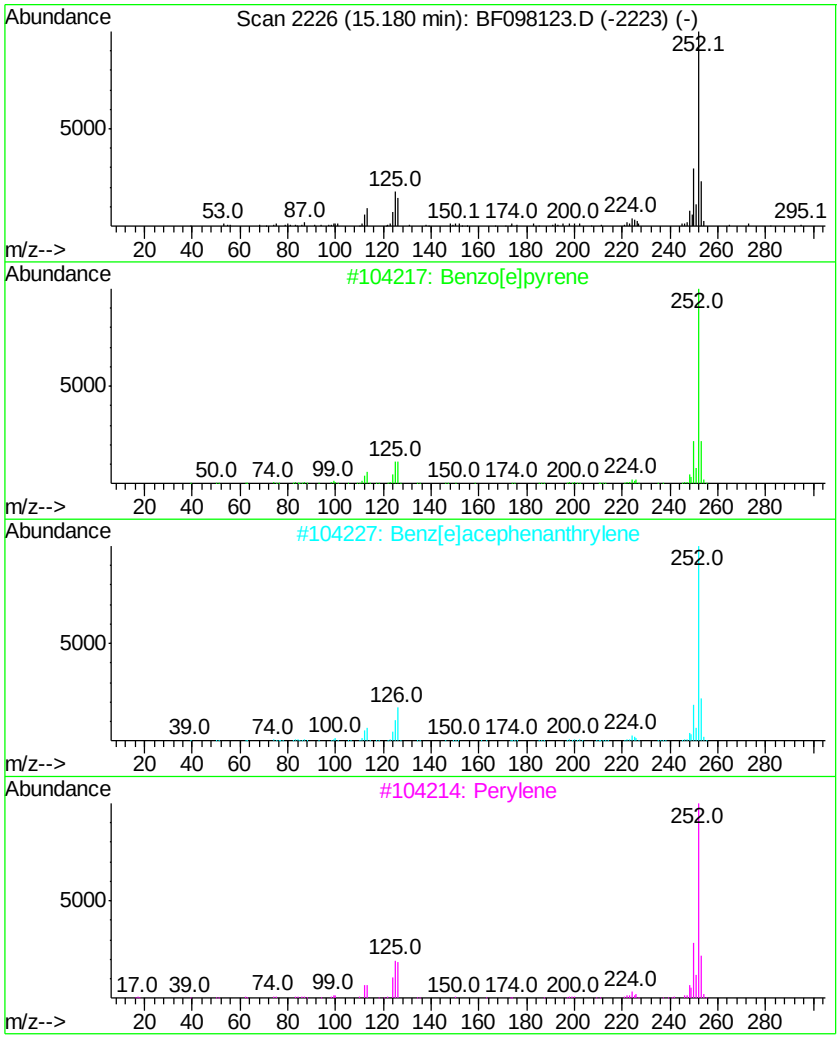
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

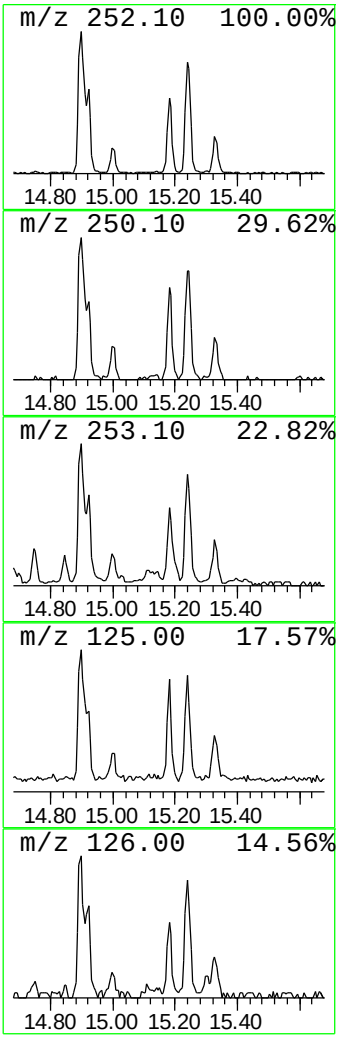
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	3.34 ng	107177	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.49	6.49	7.6	ng	304066	1	6.73	802106	20.0
4H-Cyclopenta[def...	11.86	2.1	ng	91140	4	11.25	869672	20.0
Benzo[e]pyrene	15.18	3.3	ng	107177	6	15.30	641083	20.0