LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099278.D
Acq On : 9 Oct 2017 22:38
Operator : SJ/JU
Sample : I5715-04 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-100517-B

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-BF092317.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	5.481	575	577	589	rBB	21435	24999	3.04%	0.309%
2	6.492	747	749	760	rBV	27143	27601	3.35%	0.341%
3	6.634	770	773	777	rBV	41047	33123	4.03%	0.409%
4	6.863	808	812	816	rBV	661818	521259	63.35%	6.436%
5	7.016	835	838	843	rBB	32232	26501	3.22%	0.327%
6	7.422	905	907	915	rBB	14472	16037	1.95%	0.198%
7	8.145	1026	1030	1033	rBV	837976	691505	84.04%	8.538%
8	9.216	1209	1212	1222	rBB	47012	37860	4.60%	0.467%
9	9.763	1302	1305	1310	rVB	20941	17271	2.10%	0.213%
10	9.898	1324	1328	1332	rBV2	803539	701987	85.32%	8.667%
11	9.928	1332	1333	1340	rVB	29202	24751	3.01%	0.306%
12	10.104	1358	1363	1366	rBV2	14470	13011	1.58%	0.161%
13	10.445	1418	1421	1428	rBB	35747	31996	3.89%	0.395%
14	10.686	1459	1462	1467	rBB2	15888	18732	2.28%	0.231%
15	10.992	1509	1514	1517	rBB2	8014	8424	1.02%	0.104%
16	11.192	1546	1548	1552	rBB	12540	10746	1.31%	0.133%
17	11.280	1561	1563	1567	rVB	9875	8623	1.05%	0.106%
18	11.386	1577	1581	1583	rBV	721022	596716	72.52%	7.368%
19	11.410	1583	1585	1589	rVV	280903	214266	26.04%	2.646%
20	11.463	1589	1594	1597	rVV	91173	76354	9.28%	0.943%
21	11.622	1614	1621	1626	rBV3	13510	18605	2.26%	0.230%
22	11.886	1663	1666	1669	rBV	34924	30520	3.71%	0.377%
23	11.916	1669	1671	1676	rVV	52658	41300	5.02%	0.510%
24	11.963	1676	1679	1682	rVV	26487	21466	2.61%	0.265%
25	11.998	1682	1685	1688	rVV	60595	69477	8.44%	0.858%
26	12.022	1688	1689	1693	rVB	24265	14282	1.74%	0.176%
27	12.180	1713	1716	1719	rVV	24853	18842	2.29%	0.233%
28	12.210	1719	1721	1727	rVB	11871	10484	1.27%	0.129%
29	12.433	1754	1759	1762	rBV	24126	24263	2.95%	0.300%
30	12.474	1762	1766	1768	rVV2	13928	17637	2.14%	0.218%
31	12.527	1771	1775	1780	rVB2	27749	29903	3.63%	0.369%
32	12.598	1783	1787	1791	rBV	501883	421671	51.25%	5.206%
33	12.827	1819	1826	1832	rBV	405253	425065	51.66%	5.248%
34	12.880	1832	1835	1840	rVB2	18801	19600	2.38%	0.242%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.945	1842	1846	1847	rBV2	21513	19009	2.31%	0.235%
36	12.963	1847	1849	1851	rVV	38347	29391	3.57%	0.363%
37	12.986	1851	1853	1858	rVB	14297	14228	1.73%	0.176%
38	13.039	1858	1862	1868	rBV3	29425	53053	6.45%	0.655%
39	13.127	1874	1877	1879	rBV2	25326	29780	3.62%	0.368%
40	13.157	1879	1882	1885	rVB	60840	58542	7.11%	0.723%
41	13.221	1890	1893	1896	rBV	46106	37946	4.61%	0.469%
42	13.257	1896	1899	1902	rBV2	45289	49619	6.03%	0.613%
43	13.316	1907	1909	1912	rBV2	9097	8916	1.08%	0.110%
44	13.351	1912	1915	1918	rVB	23352	20678	2.51%	0.255%
45	13.380	1918	1920	1924	rBV3	21240	24091	2.93%	0.297%
46	13.533	1943	1946	1948	rBV3	6716	9239	1.12%	0.114%
47	13.574	1951	1953	1956	rVB	10110	9603	1.17%	0.119%
48	13.639	1961	1964	1966	rVV3	9300	11376	1.38%	0.140%
49	13.663	1966	1968	1972	rVB	43808	41486	5.04%	0.512%
50	13.774	1983	1987	1989	rBV2	40937	41528	5.05%	0.513%
51	13.804	1989	1992	1994	rVV	33773	32891	4.00%	0.406%
52	13.827	1994	1996	1997	rVV	30801	23965	2.91%	0.296%
53	13.874	2001	2004	2011	rVB	42867	46959	5.71%	0.580%
54	13.945	2011	2016	2020	rBV2	11331	19475	2.37%	0.240%
55	14.027	2020	2030	2032	rBV2	633016	822814	100.00%	10.159%
56	14.051	2032	2034	2042	rVB	232481	207138	25.17%	2.558%
57	14.133	2045	2048	2050	rBV	28179	23256	2.83%	0.287%
58	14.174	2052	2055	2058	rBV2	22269	23369	2.84%	0.289%
59	14.239	2064	2066	2071	rVB2	21229	34652	4.21%	0.428%
60	14.286	2071	2074	2076	rBV3	12795	14768	1.79%	0.182%
61	14.345	2081	2084	2086	rBV3	9459	8467	1.03%	0.105%
62	14.374	2086	2089	2091	rBV2	18922	22016	2.68%	0.272%
63	14.410	2091	2095	2098	rVV2	63829	68146	8.28%	0.841%
64	14.445	2098	2101	2105	rVV	28424	30109	3.66%	0.372%
65	14.510	2105	2112	2113	rVV3	24138	39392	4.79%	0.486%
66	14.533	2113	2116	2118	rVV3	33284	38635	4.70%	0.477%
67	14.557	2118	2120	2123	rVV2	32483	28900	3.51%	0.357%
68	14.604	2127	2128	2131	rVB	13688	10409	1.27%	0.129%
69	14.727	2147	2149	2151	rBV3	13357	13191	1.60%	0.163%
70	14.751	2151	2153	2159	rVB6	8983	14121	1.72%	0.174%
71	14.810	2159	2163	2164	rBV4	10529	13868	1.69%	0.171%

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72	14.904	2176	2179	2184	rVB2	21781	27669	3.36%	0.342%
73	14.968	2187	2190	2195	rBV6	6945	12159	1.48%	0.150%
74	15.068	2202	2207	2210	rBV	231690	335999	40.84%	4.149%
75	15.180	2222	2226	2230	rBV	51496	60797	7.39%	0.751%
76	15.268	2237	2241	2242	rBV3	15778	17161	2.09%	0.212%
77	15.374	2254	2259	2265	rVB	123644	157094	19.09%	1.940%
78	15.439	2265	2270	2276	rBV	180952	221280	26.89%	2.732%
79	15.504	2276	2281	2284	rVV	397130	505429	61.43%	6.241%
80	15.533	2284	2286	2294	rVB2	54879	77561	9.43%	0.958%
81	15.721	2316	2318	2324	rVB3	13654	18152	2.21%	0.224%
82	15.821	2330	2335	2339	rVB6	9643	14315	1.74%	0.177%
83	15.933	2352	2354	2360	rVB6	10584	18088	2.20%	0.223%
84	15.980	2360	2362	2366	rBV4	7696	10533	1.28%	0.130%
85	16.068	2373	2377	2381	rBV5	13135	19821	2.41%	0.245%
86	16.792	2493	2500	2503	rBV2	12771	33809	4.11%	0.417%
87	16.986	2526	2533	2543	rBV2	65194	143125	17.39%	1.767%
88	17.156	2558	2562	2568	rBV4	14774	29351	3.57%	0.362%
89	17.221	2570	2573	2577	rVB4	7929	12233	1.49%	0.151%
90	17.433	2601	2609	2621	rBV2	45166	106612	12.96%	1.316%
91	17.680	2646	2651	2654	rBV3	11015	18015	2.19%	0.222%

Sum of corrected areas: 8099106

LSC Report - Integrated Chromatogram

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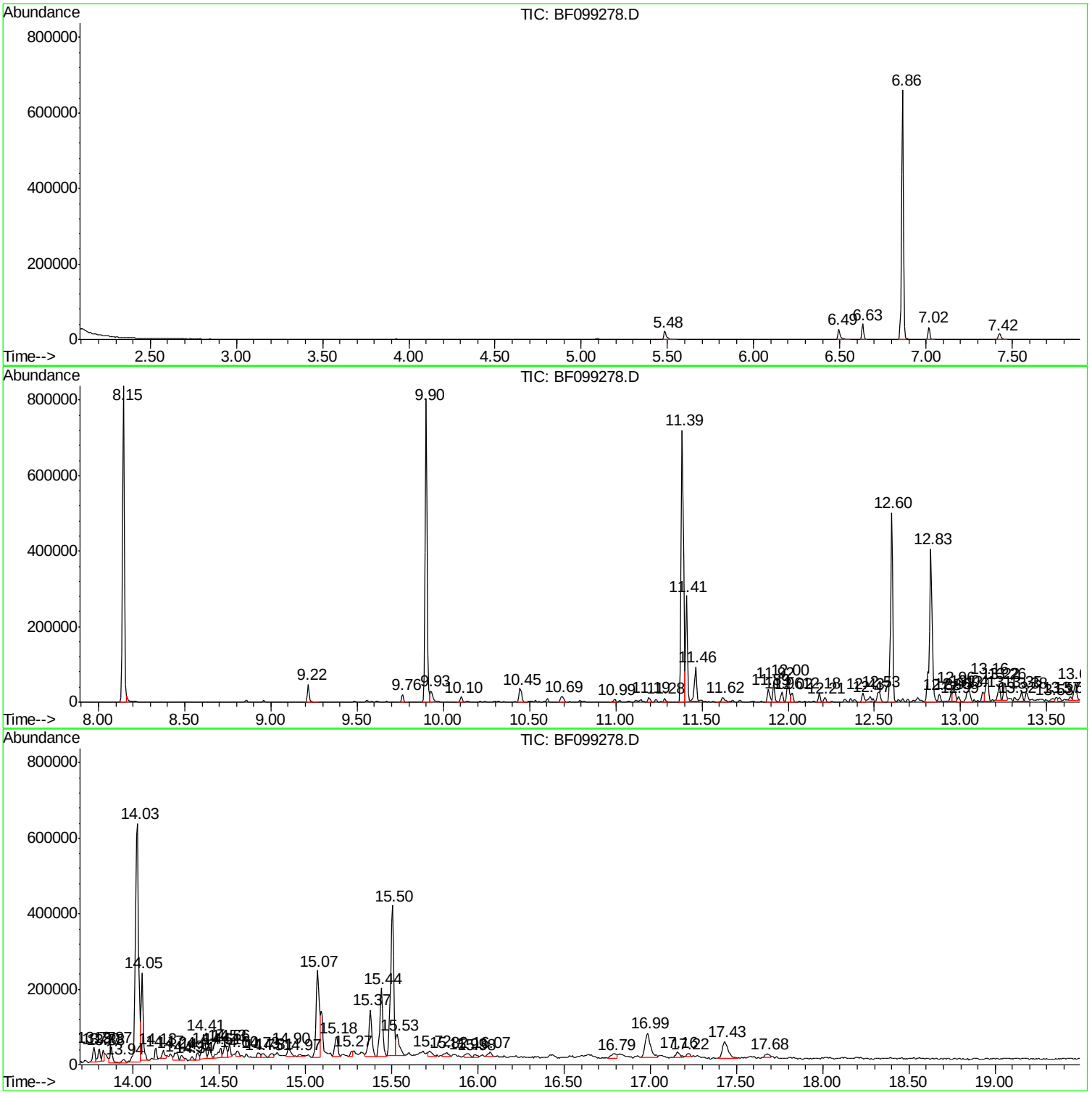
Instrument : BNA_F
ClientSampleId : PL-02-100517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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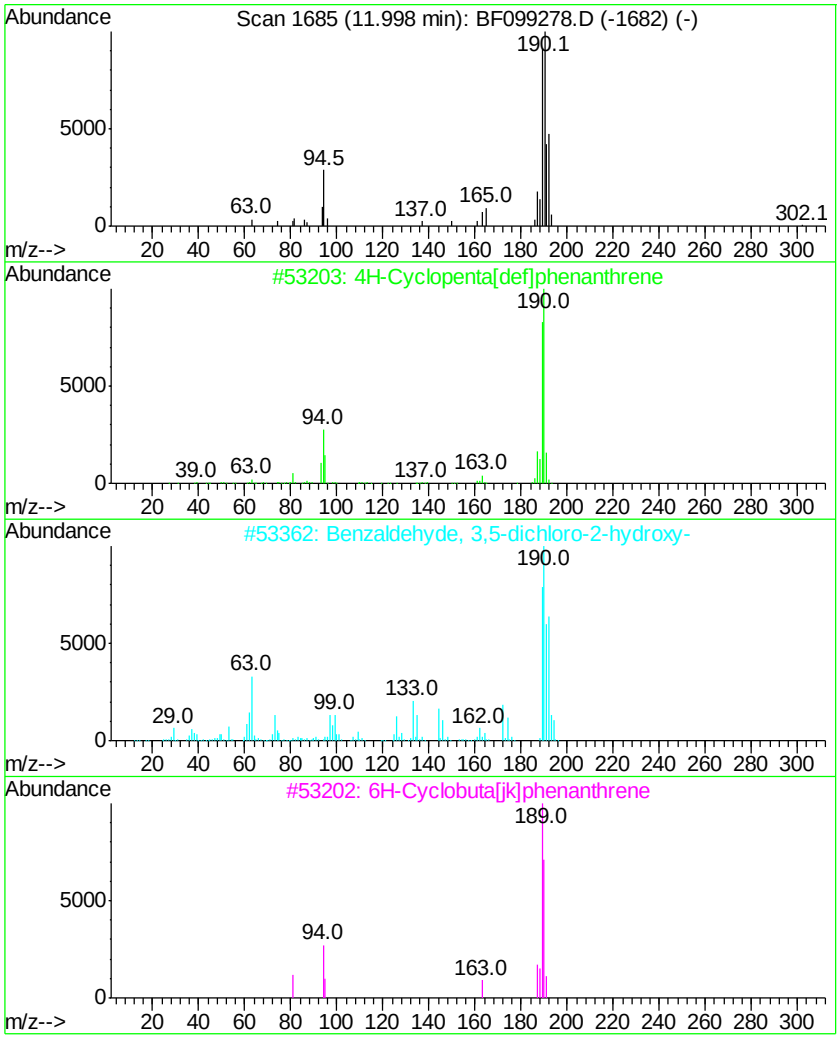
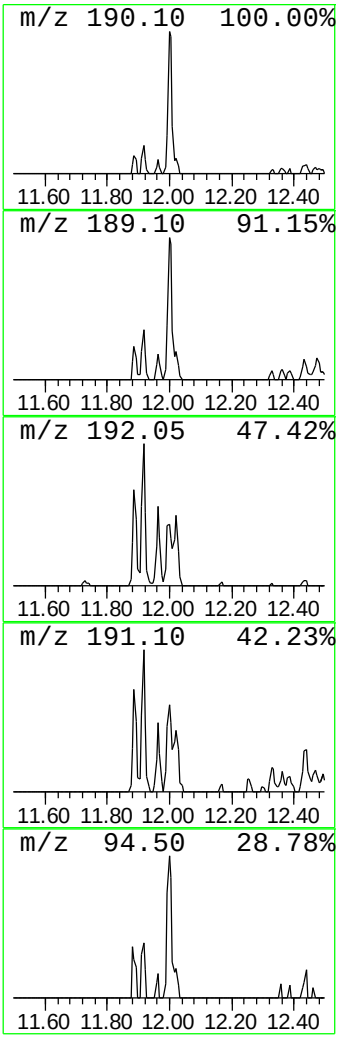
****

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.33 ng	69477	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	4-(O-Tolyl)-2-thiazolamine	190	C10H10N2S	005330-79-0	32





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

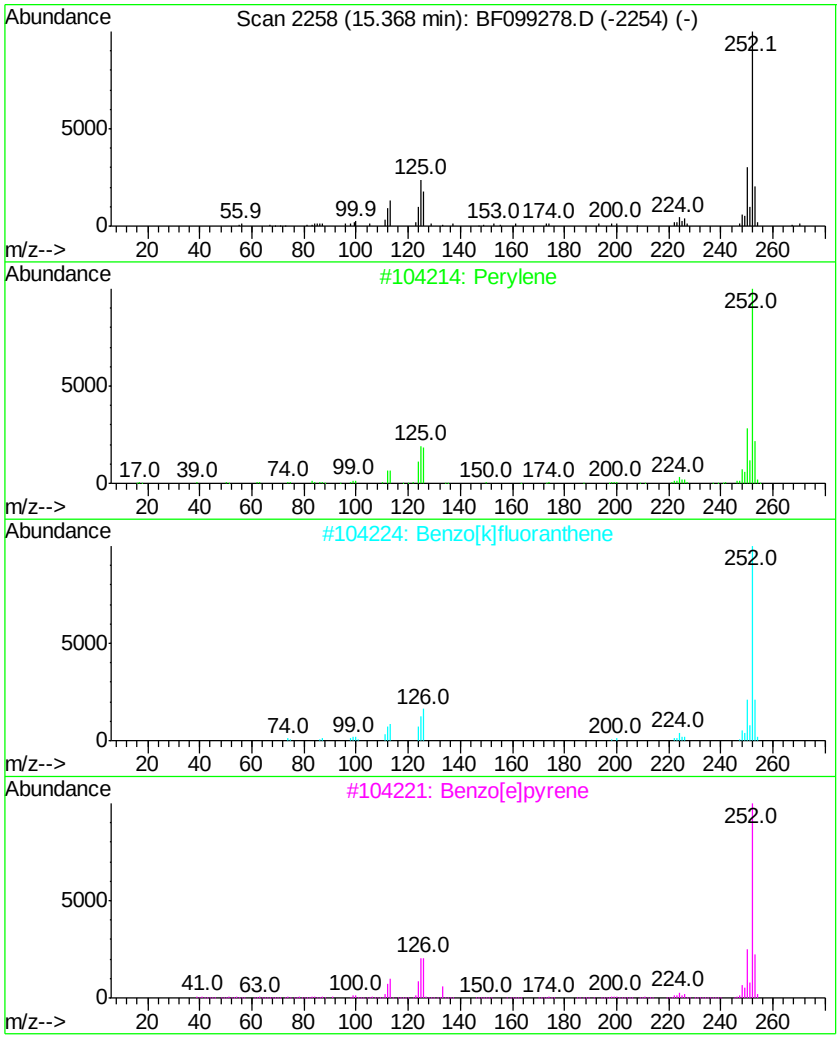
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

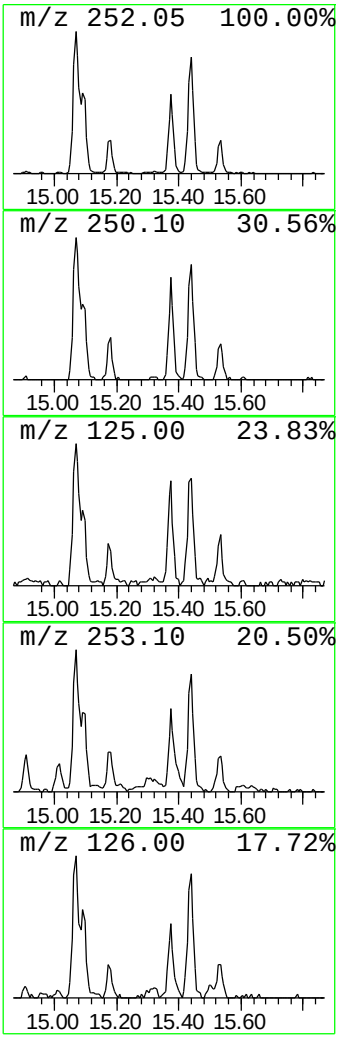
****

Peak Number 3 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	6.22 ng	157094	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	99
3	Benzo[e]pyrene	252	C20H12	000192-97-2	99
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98





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
4H-Cyclopenta[def...	12.00	2.3	ng	69477	4	11.39	596716	20.0
Perylene	15.37	6.2	ng	157094	6	15.50	505429	20.0