LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120029.D
Acq On : 16 Apr 2020 12:07
Operator : MA/SJ
Sample : L2230-21 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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	5.322	547	550	563	rVB	603262	567424	51.05%	4.247%
2	6.351	722	725	736	rBV	627360	585590	52.68%	4.383%
3	6.722	784	788	792	rBV	1086196	842575	75.80%	6.307%
4	6.804	795	802	805	rVB3	17213	20093	1.81%	0.150%
5	6.875	811	814	818	rBV	595116	507556	45.66%	3.799%
6	7.281	880	883	888	rBV	456413	382280	34.39%	2.861%
7	7.322	888	890	895	rVB2	24343	22322	2.01%	0.167%
8	7.757	961	964	969	rVB2	47623	41593	3.74%	0.311%
9	8.010	1003	1007	1010	rBV	1296301	1083634	97.49%	8.111%
10	8.581	1102	1104	1107	rBV	18665	16541	1.49%	0.124%
11	8.722	1121	1128	1131	rVB	15086	14991	1.35%	0.112%
12	9.086	1186	1190	1193	rBV	949973	732323	65.89%	5.481%
13	9.422	1244	1247	1250	rBV	13616	12606	1.13%	0.094%
14	9.481	1254	1257	1265	rVB	106659	105104	9.46%	0.787%
15	9.763	1299	1305	1309	rBV	1303956	1111514	100.00%	8.320%
16	9.798	1309	1311	1315	rVB	45313	36628	3.30%	0.274%
17	9.969	1337	1340	1344	rBV	27801	23277	2.09%	0.174%
18	10.310	1395	1398	1402	rBV	36200	31061	2.79%	0.232%
19	10.422	1415	1417	1420	rBV2	15741	13430	1.21%	0.101%
20	10.551	1435	1439	1444	rBV	421586	355996	32.03%	2.665%
21	10.675	1458	1460	1465	rBV2	17115	23213	2.09%	0.174%
22	10.839	1486	1488	1495	rBV3	11012	22415	2.02%	0.168%
23	11.110	1530	1534	1535	rBV3	13124	14823	1.33%	0.111%
24	11.145	1539	1540	1548	rVB2	18722	18509	1.67%	0.139%
25	11.251	1554	1558	1560	rBV	1301528	1029990	92.67%	7.709%
26	11.275	1560	1562	1565	rVV	309155	230193	20.71%	1.723%
27	11.322	1565	1570	1573	rVB	64922	63556	5.72%	0.476%
28	11.480	1592	1597	1599	rBV	29763	26642	2.40%	0.199%
29	11.557	1607	1610	1612	rBV2	15271	17236	1.55%	0.129%
30	11.580	1612	1614	1620	rVB4	12962	13417	1.21%	0.100%
31	11.751	1639	1643	1645	rBV	44878	38594	3.47%	0.289%
32	11.780	1645	1648	1653	rVV3	120989	157622	14.18%	1.180%
33	11.822	1653	1655	1658	rVV2	40142	43162	3.88%	0.323%
34	11.863	1658	1662	1664	rVV	81433	80435	7.24%	0.602%

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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.886	1664	1666	1670	rVB	33246	31039	2.79%	0.232%
36	11.963	1676	1679	1681	rBV	18096	21879	1.97%	0.164%
37	12.051	1691	1694	1695	rBV	28100	21969	1.98%	0.164%
38	12.075	1695	1698	1702	rVB5	25988	29080	2.62%	0.218%
39	12.198	1716	1719	1722	rBV4	17754	16619	1.50%	0.124%
40	12.227	1722	1724	1726	rVB	16660	13789	1.24%	0.103%
41	12.251	1726	1728	1731	rBV4	16303	12833	1.15%	0.096%
42	12.304	1734	1737	1739	rBV	26078	27663	2.49%	0.207%
43	12.386	1748	1751	1756	rVB5	23635	34563	3.11%	0.259%
44	12.463	1760	1764	1769	rVV	394143	328494	29.55%	2.459%
45	12.510	1769	1772	1778	rVB3	88191	88935	8.00%	0.666%
46	12.569	1778	1782	1788	rBV7	47603	84339	7.59%	0.631%
47	12.692	1796	1803	1806	rBV	313511	352035	31.67%	2.635%
48	12.745	1810	1812	1816	rVB3	22672	25240	2.27%	0.189%
49	12.810	1820	1823	1824	rBV2	19277	15262	1.37%	0.114%
50	12.839	1824	1828	1833	rVB	605611	572493	51.51%	4.285%
51	12.916	1836	1841	1844	rBV3	27950	42250	3.80%	0.316%
52	12.945	1844	1846	1849	rVB3	17602	15127	1.36%	0.113%
53	13.022	1856	1859	1861	rVB2	48556	49418	4.45%	0.370%
54	13.086	1867	1870	1872	rBV2	49356	41145	3.70%	0.308%
55	13.121	1872	1876	1879	rBV2	39070	51386	4.62%	0.385%
56	13.174	1883	1885	1889	rVV4	19501	20936	1.88%	0.157%
57	13.216	1889	1892	1895	rVV	67655	68100	6.13%	0.510%
58	13.245	1895	1897	1901	rVB2	20964	21654	1.95%	0.162%
59	13.321	1906	1910	1913	rBV2	56418	67165	6.04%	0.503%
60	13.374	1916	1919	1922	rBV3	29961	27609	2.48%	0.207%
61	13.421	1925	1927	1929	rBV2	28109	22604	2.03%	0.169%
62	13.527	1942	1945	1949	rVB	20128	28503	2.56%	0.213%
63	13.639	1961	1964	1966	rBV2	20502	21570	1.94%	0.161%
64	13.669	1966	1969	1970	rVV	26560	17669	1.59%	0.132%
65	13.886	1999	2006	2009	rBV2	871990	1040960	93.65%	7.791%
66	13.916	2009	2011	2013	rVB	149978	118554	10.67%	0.887%
67	13.992	2022	2024	2027	rVB2	31633	22717	2.04%	0.170%
68	14.068	2035	2037	2041	rVB3	29006	26410	2.38%	0.198%
69	14.280	2070	2073	2074	rVB	29614	24940	2.24%	0.187%
70	14.374	2086	2089	2091	rVB3	43326	36139	3.25%	0.270%
71	14.404	2091	2094	2095	rBV3	21746	22740	2.05%	0.170%

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72	14.492	2107	2109	2112	rVB	130571	96865	8.71%	0.725%
73	14.904	2176	2179	2183	rBV	150989	224582	20.21%	1.681%
74	15.010	2192	2197	2200	rVB2	40637	64569	5.81%	0.483%
75	15.192	2225	2228	2235	rVB	99629	123233	11.09%	0.922%
76	15.251	2235	2238	2242	rBV	137860	151656	13.64%	1.135%
77	15.315	2244	2249	2252	rBV	601892	684647	61.60%	5.124%
78	15.762	2323	2325	2330	rVB5	26704	34863	3.14%	0.261%
79	15.839	2336	2338	2343	rVB6	17866	25905	2.33%	0.194%
80	16.692	2479	2483	2489	rVB2	57036	108187	9.73%	0.810%
81	17.109	2549	2554	2563	rVB	46978	95660	8.61%	0.716%

Sum of corrected areas: 13360340

LSC Report - Integrated Chromatogram

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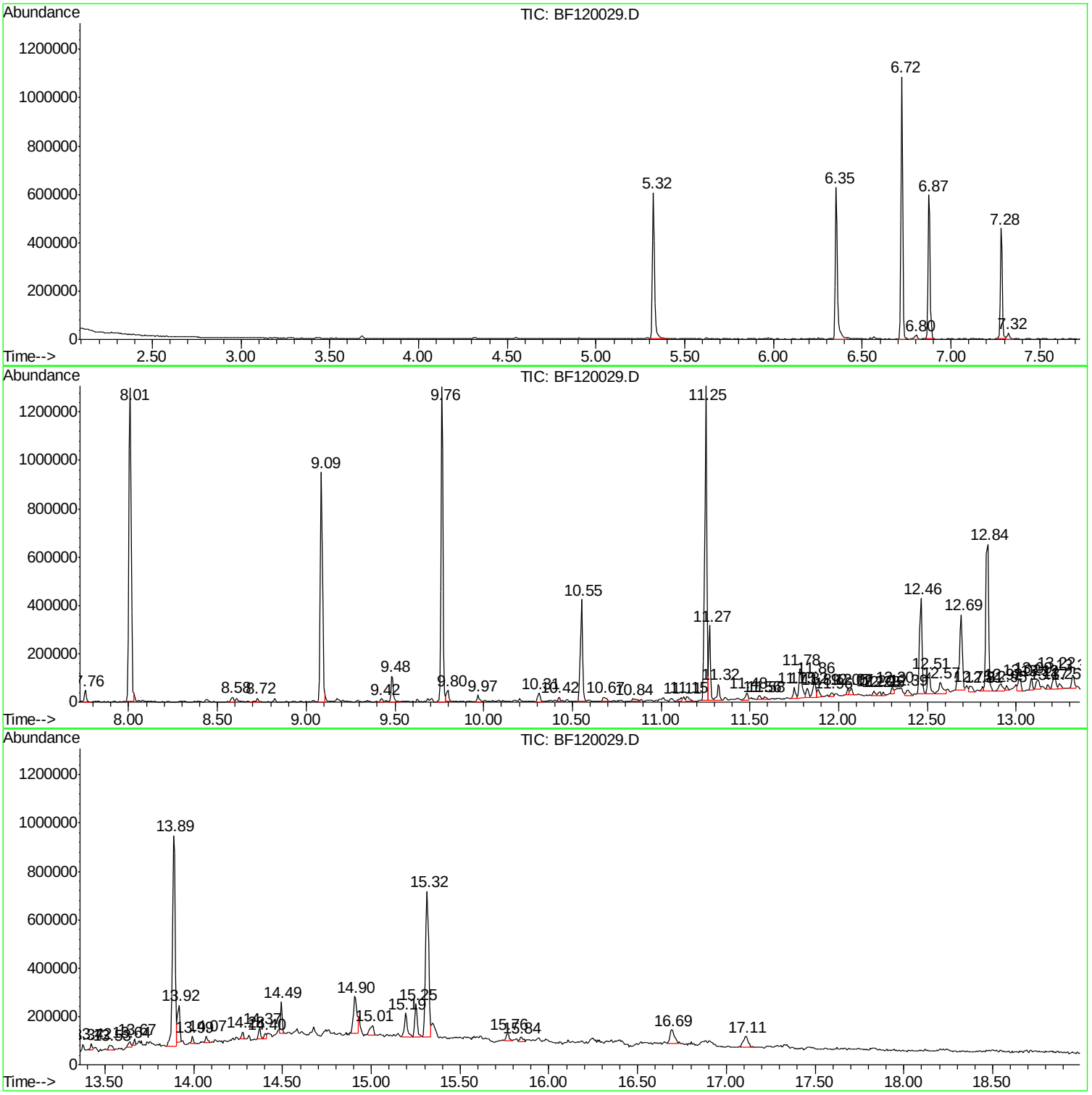
Instrument : BNA_F
ClientSampleId : TP-12-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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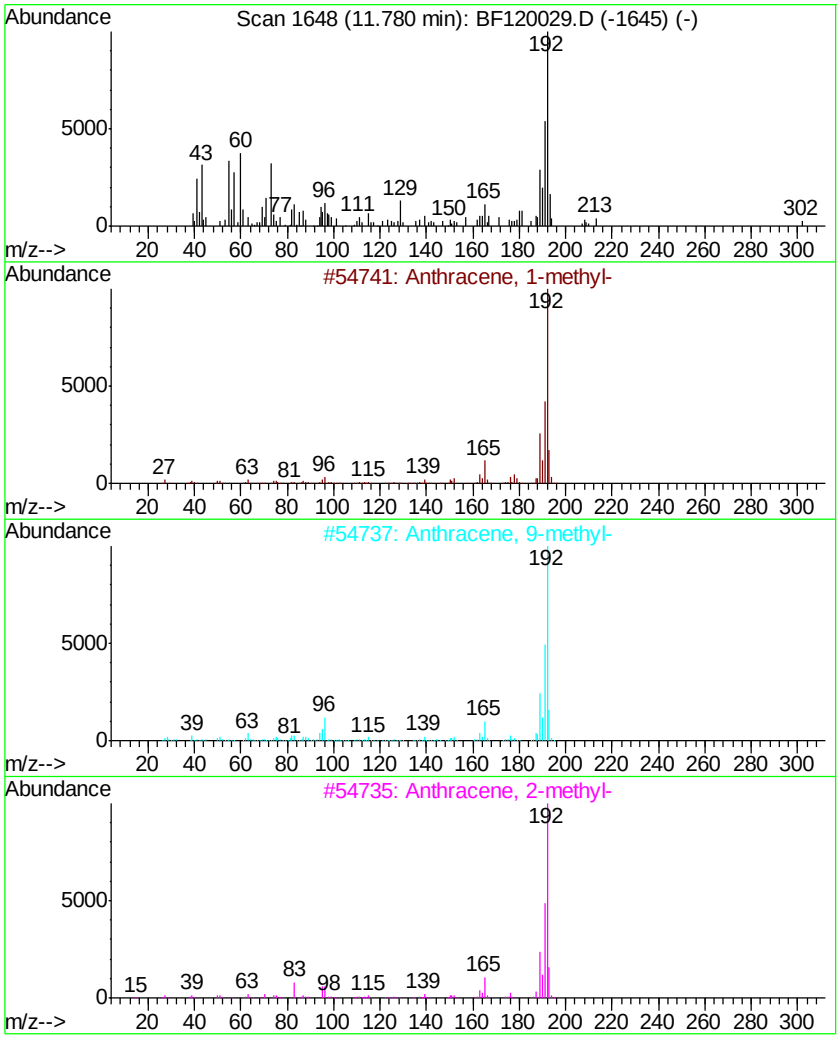
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

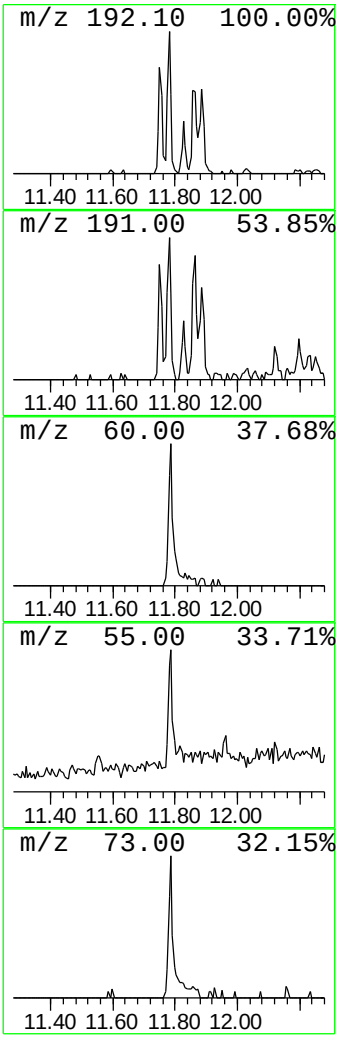
****

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	3.06 ng	157622	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	86





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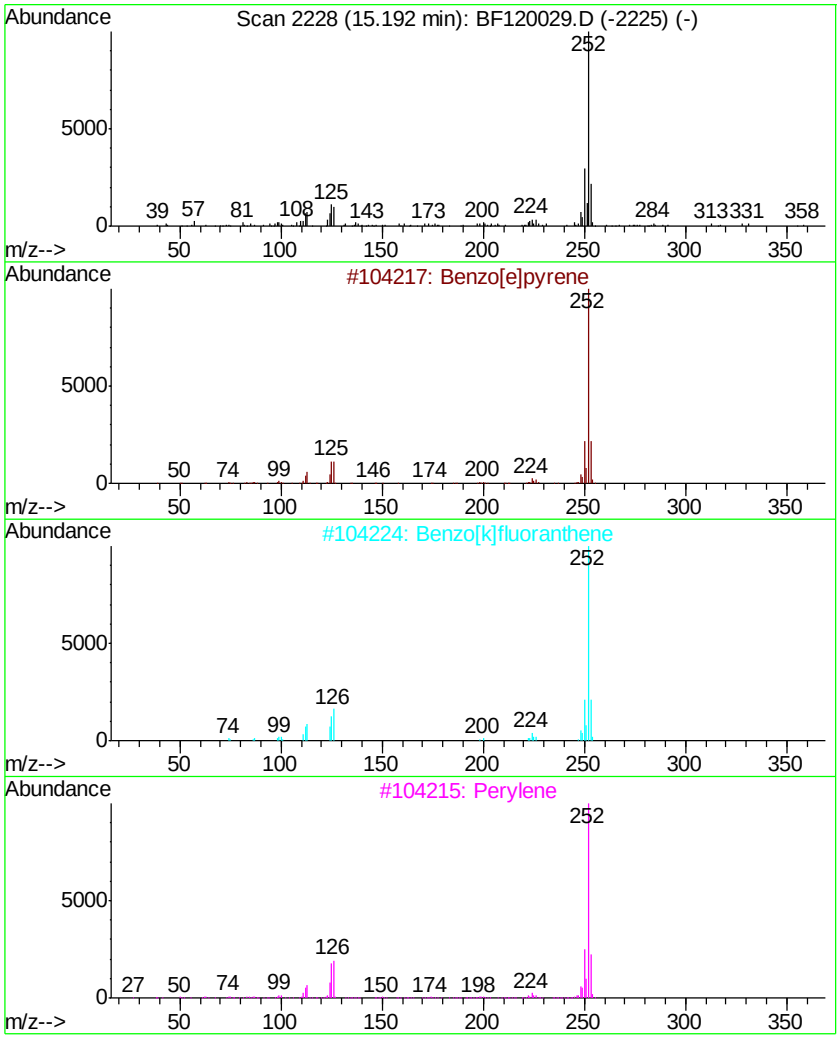
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

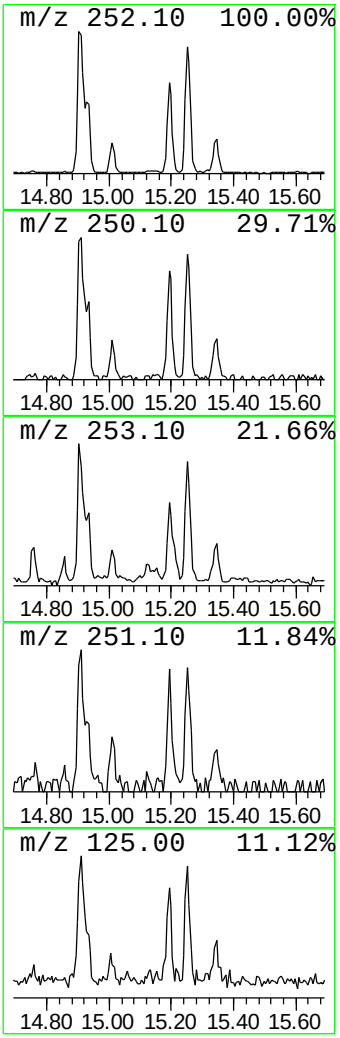
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.60 ng	123233	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 1-met...	11.78	3.1	ng	157622	4	11.25	1029990	20.0
Benzo[e]pyrene	15.19	3.6	ng	123233	6	15.32	684647	20.0