LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052716\
Data File : BG022104.D
Acq On : 27 May 2016 11:18
Operator : UM/SJ
Sample : H3201-13DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG052116.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.213	402	404	408	rBV3	909	996	0.15%	0.020%
2	6.165	565	566	569	rVB2	1153	1029	0.16%	0.020%
3	6.194	569	571	574	rBV3	897	1298	0.20%	0.026%
4	6.382	602	603	607	rBV4	834	1049	0.16%	0.021%
5	7.422	777	780	782	rBV3	744	1000	0.16%	0.020%
6	7.546	799	801	804	rVB2	949	886	0.14%	0.018%
7	7.693	822	826	829	rBV3	1697	2673	0.41%	0.053%
8	8.157	898	905	917	rBV	83205	170969	26.50%	3.388%
9	8.521	966	967	970	rVB2	1542	908	0.14%	0.018%
10	8.874	1024	1027	1028	rBV	1533	1537	0.24%	0.030%
11	8.938	1035	1038	1042	rVB4	872	1404	0.22%	0.028%
12	9.220	1085	1086	1092	rVB2	882	1065	0.17%	0.021%
13	9.273	1092	1095	1099	rBV	688	930	0.14%	0.018%
14	9.326	1102	1104	1105	rBV2	1552	921	0.14%	0.018%
15	10.055	1226	1228	1232	rBV3	997	1387	0.22%	0.027%
16	10.084	1232	1233	1237	rVB2	1054	1185	0.18%	0.023%
17	10.125	1237	1240	1242	rBV2	846	1062	0.16%	0.021%
18	10.196	1251	1252	1258	rBV2	577	890	0.14%	0.018%
19	10.348	1276	1278	1280	rVB2	979	882	0.14%	0.017%
20	10.378	1280	1283	1285	rBV	904	996	0.15%	0.020%
21	10.548	1310	1312	1314	rVB	1086	938	0.15%	0.019%
22	10.566	1314	1315	1318	rBV	981	1150	0.18%	0.023%
23	10.977	1374	1385	1391	rBV	159832	340343	52.76%	6.745%
24	11.788	1519	1523	1526	rVB2	692	1113	0.17%	0.022%
25	12.352	1616	1619	1625	rVB3	2204	3641	0.56%	0.072%
26	12.411	1625	1629	1631	rBV	724	953	0.15%	0.019%
27	12.616	1660	1664	1670	rBV2	6257	12476	1.93%	0.247%
28	12.751	1684	1687	1690	rVB2	1320	1395	0.22%	0.028%
29	12.781	1690	1692	1694	rBV2	993	949	0.15%	0.019%
30	12.834	1694	1701	1707	rBV2	5653	11253	1.74%	0.223%
31	13.286	1774	1778	1786	rBV3	1255	3311	0.51%	0.066%
32	13.580	1822	1828	1831	rBV3	3356	5680	0.88%	0.113%
33	13.627	1835	1836	1842	rVB	1741	1488	0.23%	0.029%
34	13.738	1854	1855	1858	rBV2	1157	917	0.14%	0.018%

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG052116.M
Title : SVOA CALIBRATION

35	13.809	1864	1867	1873	rBV3	2104	4522	0.70%	0.090%
36	13.938	1887	1889	1890	rBV	1422	1224	0.19%	0.024%
37	13.956	1890	1892	1895	rVB2	1197	1375	0.21%	0.027%
38	14.109	1909	1918	1921	rBV4	2953	5590	0.87%	0.111%
39	14.173	1921	1929	1934	rVV	13236	22341	3.46%	0.443%
40	14.220	1934	1937	1942	rVB2	5026	7549	1.17%	0.150%
41	14.320	1949	1954	1955	rBV2	1097	1143	0.18%	0.023%
42	14.479	1976	1981	1990	rVB	14372	27286	4.23%	0.541%
43	14.643	2005	2009	2016	rBV3	3801	6553	1.02%	0.130%
44	14.778	2022	2032	2039	rBV2	280972	509719	79.01%	10.101%
45	14.843	2039	2043	2051	rVB	72508	120543	18.69%	2.389%
46	14.972	2064	2065	2067	rBV	1530	1261	0.20%	0.025%
47	15.084	2080	2084	2090	rVB	4005	7210	1.12%	0.143%
48	15.178	2095	2100	2109	rBV	17692	31502	4.88%	0.624%
49	15.337	2126	2127	2130	rVB2	1454	905	0.14%	0.018%
50	15.389	2135	2136	2142	rVB2	2147	2176	0.34%	0.043%
51	15.442	2142	2145	2150	rBV3	1237	2098	0.33%	0.042%
52	15.489	2150	2153	2154	rBV	885	917	0.14%	0.018%
53	15.554	2162	2164	2166	rBV2	982	1145	0.18%	0.023%
54	15.589	2166	2170	2176	rVB5	4330	7168	1.11%	0.142%
55	15.719	2190	2192	2194	rBV2	1661	1029	0.16%	0.020%
56	15.766	2194	2200	2205	rBV2	20200	37871	5.87%	0.751%
57	15.824	2205	2210	2217	rVB	43249	76979	11.93%	1.526%
58	15.918	2223	2226	2228	rBV3	3202	4185	0.65%	0.083%
59	15.948	2228	2231	2234	rVV4	4923	8063	1.25%	0.160%
60	15.989	2235	2238	2243	rVV5	6786	10415	1.61%	0.206%
61	16.030	2243	2245	2248	rVB3	1922	1424	0.22%	0.028%
62	16.118	2256	2260	2264	rVB4	3826	6531	1.01%	0.129%
63	16.206	2272	2275	2278	rBV4	1535	1716	0.27%	0.034%
64	16.265	2280	2285	2291	rVV5	5091	11177	1.73%	0.221%
65	16.330	2294	2296	2298	rBV3	1065	1080	0.17%	0.021%
66	16.453	2314	2317	2320	rBV5	2875	3504	0.54%	0.069%
67	16.788	2371	2374	2376	rBV4	2438	3308	0.51%	0.066%
68	17.087	2421	2425	2429	rVB6	2412	4169	0.65%	0.083%
69	17.182	2437	2441	2447	rVB5	4764	8680	1.35%	0.172%
70	17.346	2464	2469	2475	rVB2	13934	24854	3.85%	0.493%
71	17.522	2493	2499	2503	rBV	302292	535507	83.01%	10.612%

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Instrument : BNA_G
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Title : SVOA CALIBRATION

72	17.563	2503	2506	2512	rVV	353112	586927	90.98%	11.631%
73	17.628	2513	2517	2518	rVV3	31952	47238	7.32%	0.936%
74	17.657	2518	2522	2529	rVB	89505	148239	22.98%	2.938%
75	17.928	2564	2568	2576	rVB	22101	39826	6.17%	0.789%
76	18.398	2643	2648	2652	rBV3	25329	42512	6.59%	0.842%
77	18.445	2652	2656	2663	rVB	34982	58117	9.01%	1.152%
78	18.592	2676	2681	2692	rVB2	56107	128764	19.96%	2.552%
79	18.885	2729	2731	2736	rVB	15694	20116	3.12%	0.399%
80	19.567	2842	2847	2854	rVB	403285	614026	95.18%	12.168%
81	19.896	2899	2903	2904	rBV	103282	122056	18.92%	2.419%
82	19.931	2905	2909	2917	rVB	310270	511737	79.33%	10.141%
83	21.800	3221	3227	3233	rBV2	283738	645104	100.00%	12.784%

Sum of corrected areas: 5046055

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Instrument : BNA_G
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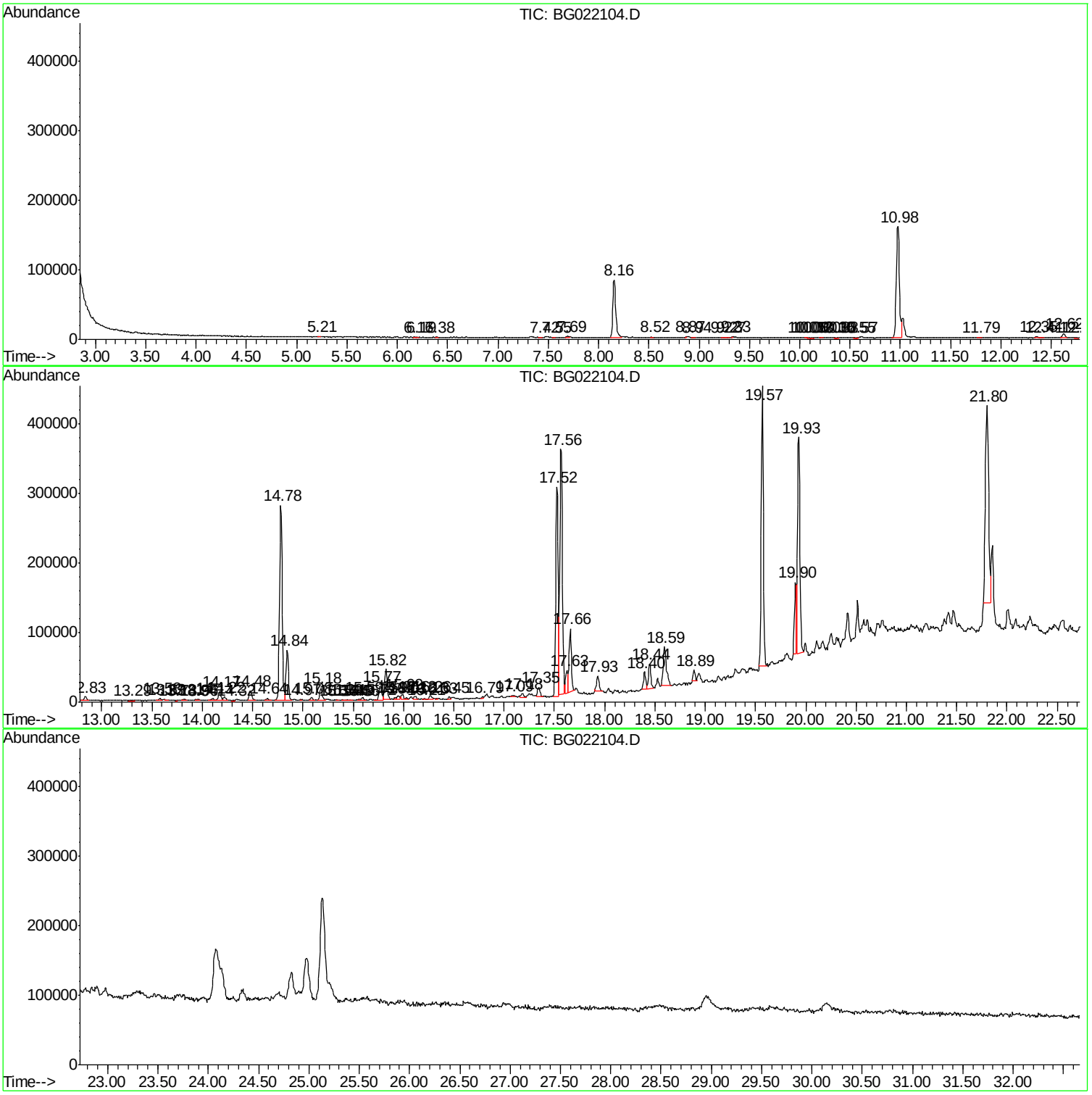
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

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



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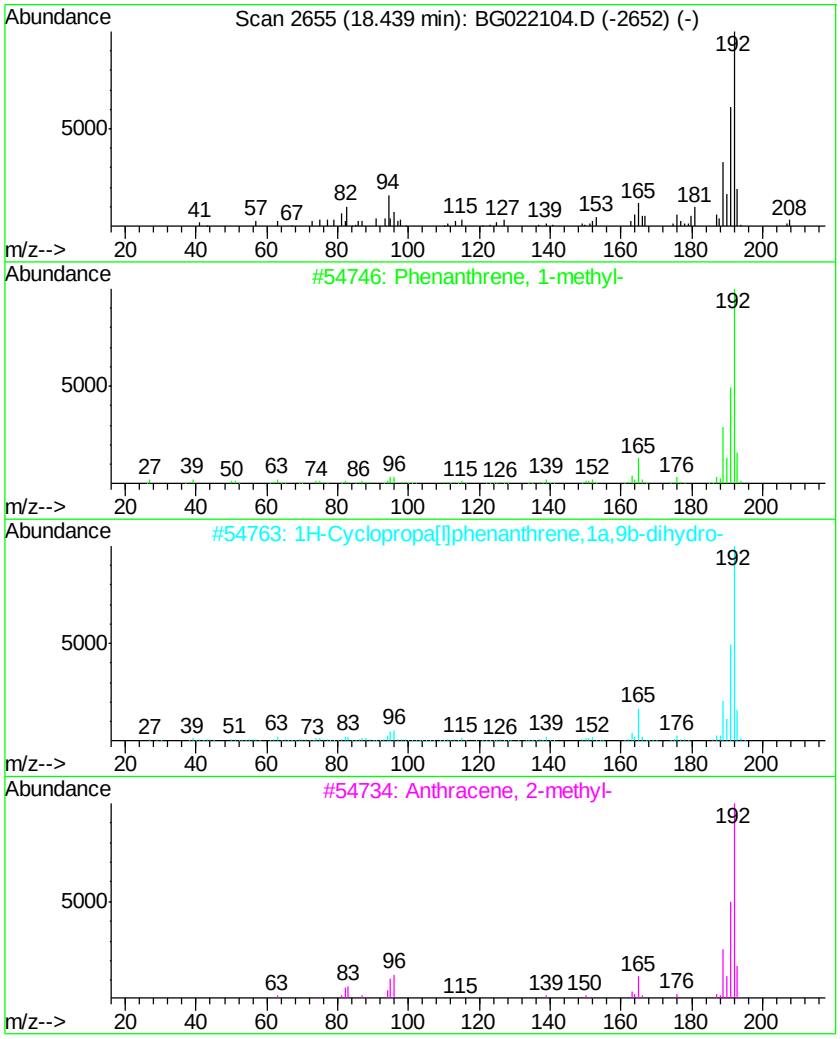
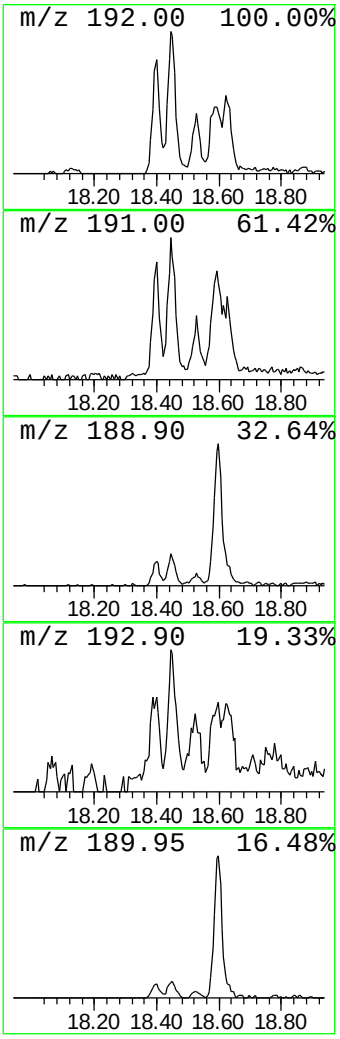
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.17 ng/ul	58117	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

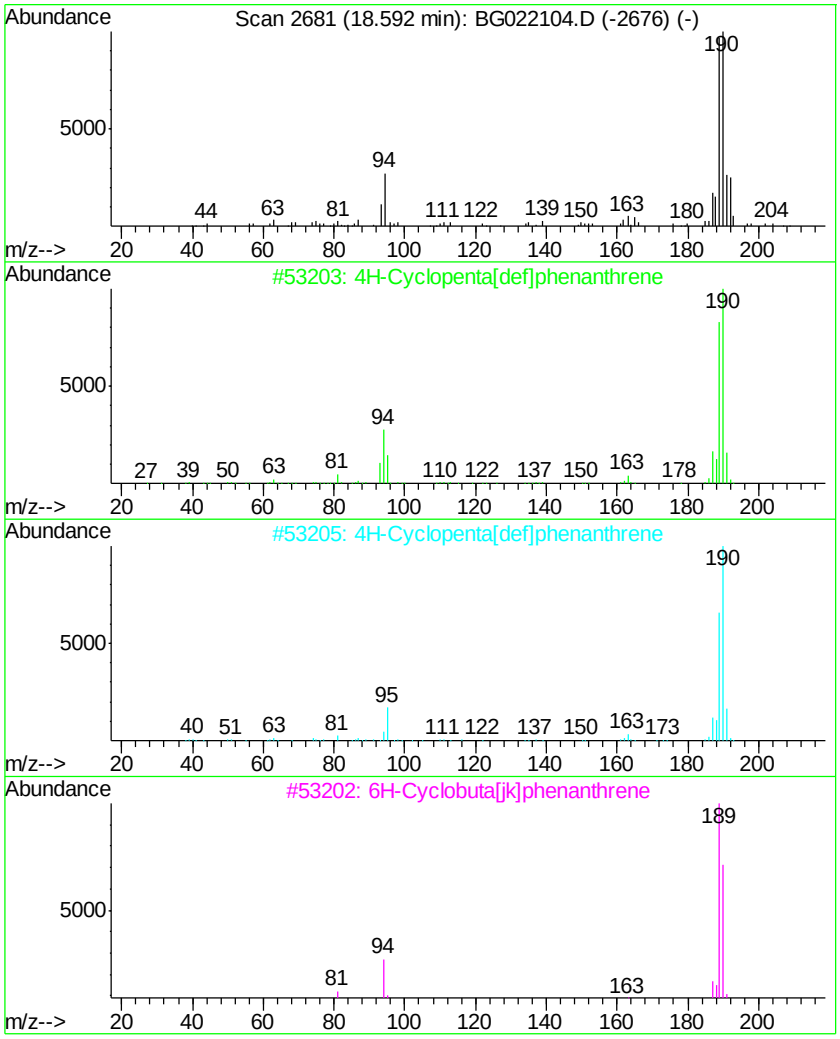
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

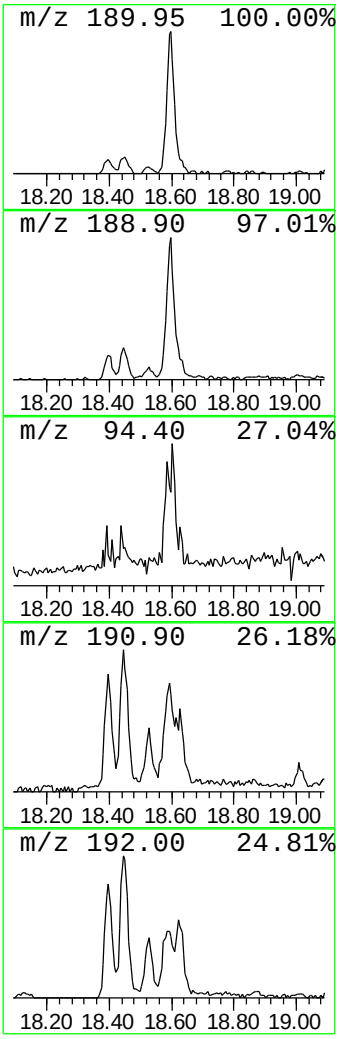
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	4.81 ng/ul	128764	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1-m...	18.44	2.2	ng/ul	58117	4	17.52	535507	20.0
4H-Cyclopenta[def...	18.59	4.8	ng/ul	128764	4	17.52	535507	20.0