

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047428.D
 Acq On : 24 Nov 2020 1:45
 Operator : CG/JU
 Sample : L4749-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B13

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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	3.614	42	47	58	rVB7	4933	12331	1.19%	0.122%
2	3.708	60	63	64	rBV2	3336	4098	0.40%	0.041%
3	3.890	91	94	97	rBV3	2400	2830	0.27%	0.028%
4	4.055	119	122	125	rVB3	3375	4003	0.39%	0.040%
5	4.149	134	138	140	rBV4	7380	8562	0.83%	0.085%
6	4.290	157	162	167	rBV4	7095	11198	1.08%	0.111%
7	4.395	176	180	181	rBV3	1874	2715	0.26%	0.027%
8	4.995	279	282	286	rVV2	1523	2816	0.27%	0.028%
9	5.330	335	339	342	rBV2	4400	5375	0.52%	0.053%
10	5.946	440	444	445	rVB2	2876	3086	0.30%	0.031%
11	6.322	505	508	511	rBV3	2239	3260	0.32%	0.032%
12	6.875	600	602	606	rVB2	3979	3956	0.38%	0.039%
13	6.922	606	610	614	rBV2	2643	4269	0.41%	0.042%
14	7.409	686	693	703	rVV3	95943	194358	18.83%	1.926%
15	7.586	717	723	732	rVB2	57316	101851	9.87%	1.009%
16	7.686	739	740	744	rVV	2375	3129	0.30%	0.031%
17	7.803	752	760	768	rVB2	94555	174953	16.95%	1.733%
18	7.880	770	773	776	rBV2	2910	3642	0.35%	0.036%
19	8.279	833	841	848	rBV2	176597	299711	29.04%	2.969%
20	8.831	932	935	939	rBV	2798	3853	0.37%	0.038%
21	8.966	952	958	965	rVB	98399	172946	16.76%	1.713%
22	9.290	1008	1013	1016	rBV	1420	2712	0.26%	0.027%
23	9.442	1029	1039	1047	rVB	94905	175031	16.96%	1.734%
24	9.854	1103	1109	1114	rBV3	10397	18291	1.77%	0.181%
25	10.171	1154	1163	1169	rVB2	86420	155644	15.08%	1.542%
26	10.359	1191	1195	1198	rVB	3691	3870	0.37%	0.038%
27	10.553	1226	1228	1231	rBV	3105	2952	0.29%	0.029%
28	10.600	1234	1236	1240	rBV	1579	2816	0.27%	0.028%
29	10.706	1246	1254	1263	rVB2	127859	234151	22.69%	2.320%
30	11.099	1314	1321	1328	rVV	211057	395269	38.30%	3.916%
31	11.223	1336	1342	1350	rBV2	91539	172433	16.71%	1.708%
32	12.233	1512	1514	1518	rVB2	2669	2970	0.29%	0.029%
33	12.298	1518	1525	1526	rBV2	2293	3860	0.37%	0.038%
34	12.486	1554	1557	1561	rVV2	3568	4228	0.41%	0.042%

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35	12.662	1584	1587	1592	rVV2	3487	3805	0.37%	0.038%
36	12.733	1597	1599	1603	rVB2	7387	7846	0.76%	0.078%
37	12.950	1631	1636	1641	rBV3	4954	9308	0.90%	0.092%
38	13.420	1710	1716	1721	rBV	2726	4700	0.46%	0.047%
39	13.491	1726	1728	1734	rBV3	2244	3997	0.39%	0.040%
40	13.702	1761	1764	1766	rBV3	3046	4399	0.43%	0.044%
41	13.767	1771	1775	1779	rVB2	4013	6602	0.64%	0.065%
42	13.837	1782	1787	1789	rBV2	1878	3122	0.30%	0.031%
43	13.925	1798	1802	1805	rVB2	3838	4609	0.45%	0.046%
44	14.172	1840	1844	1847	rBV3	5474	6087	0.59%	0.060%
45	14.213	1847	1851	1853	rVV2	4265	5861	0.57%	0.058%
46	14.278	1856	1862	1866	rVV	221288	333360	32.30%	3.303%
47	14.325	1866	1870	1875	rVB	63052	89290	8.65%	0.885%
48	14.583	1905	1914	1924	rBV	237322	374480	36.28%	3.710%
49	14.766	1939	1945	1948	rBV2	3875	5864	0.57%	0.058%
50	14.842	1955	1958	1959	rBV2	3302	3447	0.33%	0.034%
51	14.883	1959	1965	1972	rVV	338832	551339	53.42%	5.462%
52	14.948	1972	1976	1983	rVB	40595	64433	6.24%	0.638%
53	15.042	1986	1992	1999	rBV	84561	131305	12.72%	1.301%
54	15.200	2013	2019	2021	rBV3	5227	8012	0.78%	0.079%
55	15.277	2027	2032	2037	rVB2	20050	30871	2.99%	0.306%
56	15.665	2092	2098	2102	rVB3	14686	19280	1.87%	0.191%
57	15.700	2102	2104	2106	rBV2	2878	3376	0.33%	0.033%
58	15.753	2110	2113	2115	rBV3	3286	4527	0.44%	0.045%
59	15.870	2125	2133	2138	rBV	284787	451165	43.71%	4.470%
60	15.923	2138	2142	2146	rVV2	28914	41483	4.02%	0.411%
61	15.970	2146	2150	2157	rVB2	28154	43637	4.23%	0.432%
62	16.046	2161	2163	2166	rBV3	5777	7083	0.69%	0.070%
63	16.176	2181	2185	2187	rBV3	4456	6351	0.62%	0.063%
64	16.217	2189	2192	2196	rVB	7799	11139	1.08%	0.110%
65	16.364	2214	2217	2222	rVB2	6714	11433	1.11%	0.113%
66	16.458	2230	2233	2237	rVB3	3331	4248	0.41%	0.042%
67	16.593	2253	2256	2260	rVB5	7436	11854	1.15%	0.117%
68	16.652	2264	2266	2269	rBV3	3541	3189	0.31%	0.032%
69	16.851	2297	2300	2304	rVB4	3354	4421	0.43%	0.044%
70	16.887	2304	2306	2307	rBV2	4178	3360	0.33%	0.033%
71	16.975	2317	2321	2326	rVB5	5244	8962	0.87%	0.089%

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72	17.039	2330	2332	2337	rBV3	3773	8052	0.78%	0.080%
73	17.127	2345	2347	2350	rBV2	3572	3986	0.39%	0.039%
74	17.157	2350	2352	2354	rVB2	5219	4552	0.44%	0.045%
75	17.192	2354	2358	2360	rBV3	9238	8876	0.86%	0.088%
76	17.269	2365	2371	2378	rBV3	14090	25305	2.45%	0.251%
77	17.439	2396	2400	2405	rVB2	17522	24272	2.35%	0.240%
78	17.492	2408	2409	2411	rVB2	4791	3287	0.32%	0.033%
79	17.527	2414	2415	2417	rBV2	3759	3518	0.34%	0.035%
80	17.621	2424	2431	2435	rBV	420656	668519	64.77%	6.623%
81	17.662	2435	2438	2443	rVB	308568	414754	40.18%	4.109%
82	17.721	2443	2448	2452	rBV	286079	437501	42.39%	4.334%
83	17.797	2459	2461	2466	rBV2	10021	15699	1.52%	0.156%
84	17.833	2466	2467	2468	rBV	6412	3968	0.38%	0.039%
85	18.015	2492	2498	2502	rVB	40902	69679	6.75%	0.690%
86	18.408	2563	2565	2568	rVB4	7961	6524	0.63%	0.065%
87	18.438	2568	2570	2571	rBV	5800	4494	0.44%	0.045%
88	18.455	2571	2573	2575	rVV3	6985	7469	0.72%	0.074%
89	18.491	2575	2579	2582	rVV3	32377	50106	4.85%	0.496%
90	18.538	2582	2587	2593	rVB2	42789	74299	7.20%	0.736%
91	18.614	2598	2600	2605	rVB3	18756	22799	2.21%	0.226%
92	18.684	2606	2612	2616	rBV3	58798	109157	10.58%	1.081%
93	18.825	2633	2636	2642	rVB8	13479	18235	1.77%	0.181%
94	18.978	2656	2662	2665	rBV2	34204	57169	5.54%	0.566%
95	19.014	2665	2668	2673	rVB3	39852	63523	6.15%	0.629%
96	19.654	2771	2777	2782	rVB	587418	839945	81.38%	8.321%
97	19.983	2828	2833	2836	rBV3	436380	746738	72.35%	7.398%
98	20.012	2836	2838	2845	rVB	469848	540787	52.40%	5.358%
99	21.898	3151	3159	3164	rBV2	413046	1032123	100.00%	10.225%
100	21.951	3165	3168	3180	rVB	204324	343017	33.23%	3.398%

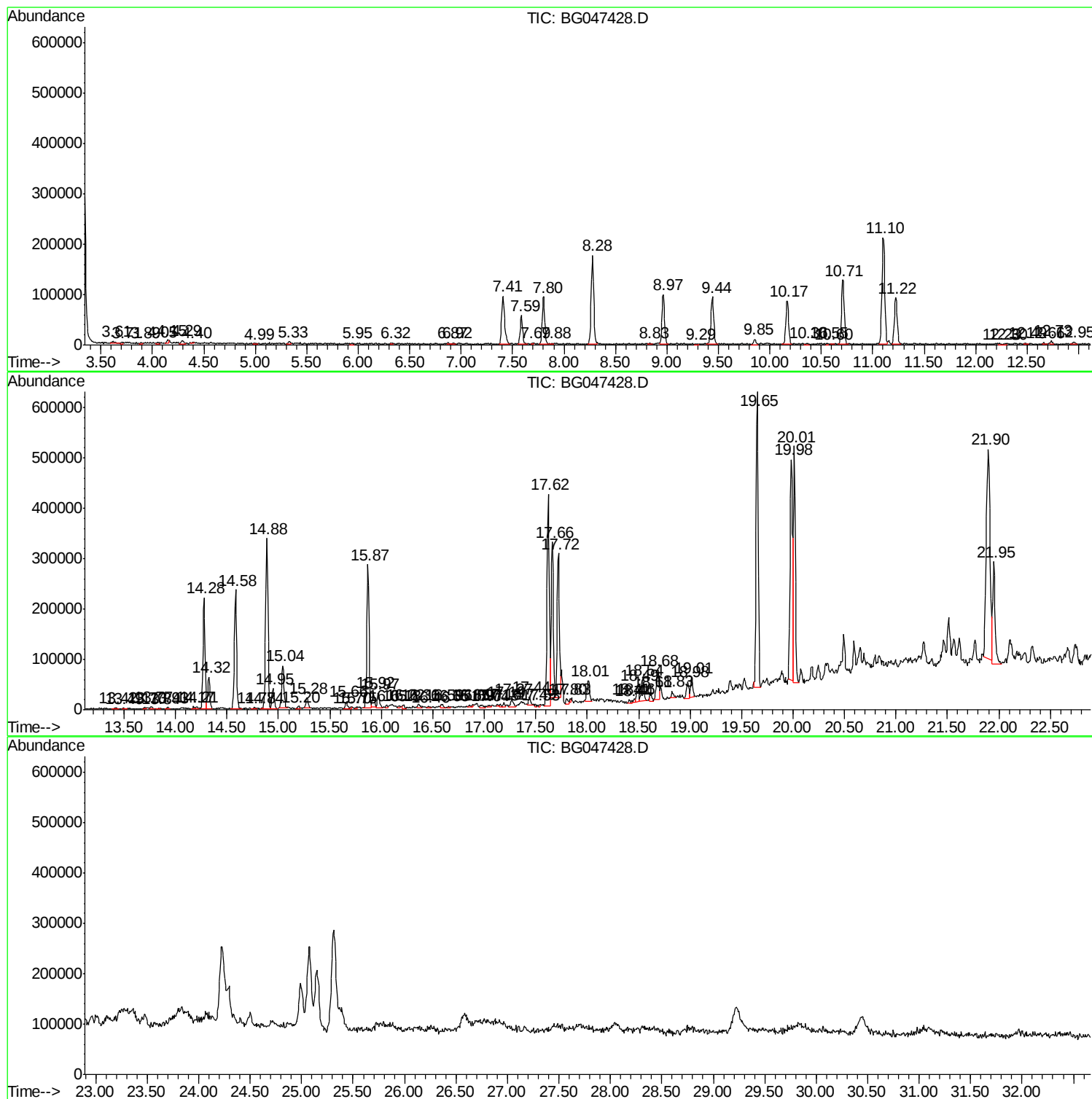
Sum of corrected areas: 10093767

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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



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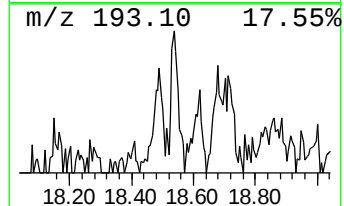
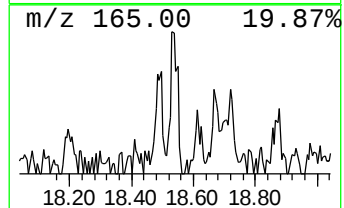
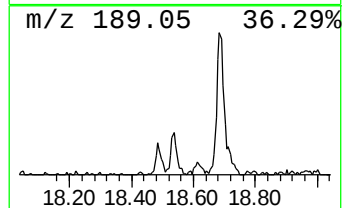
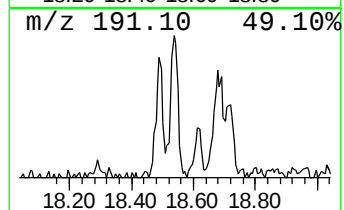
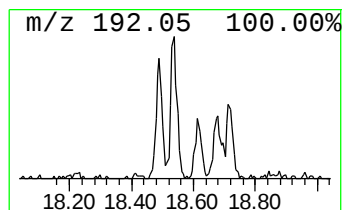
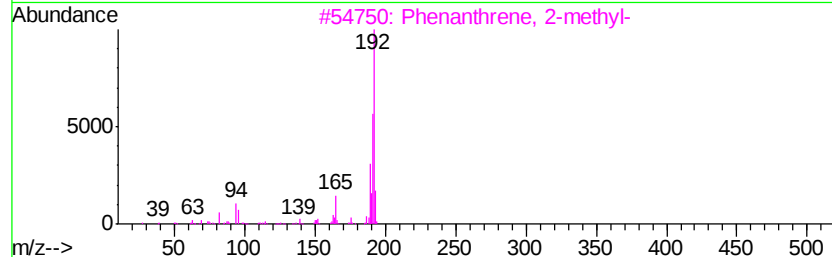
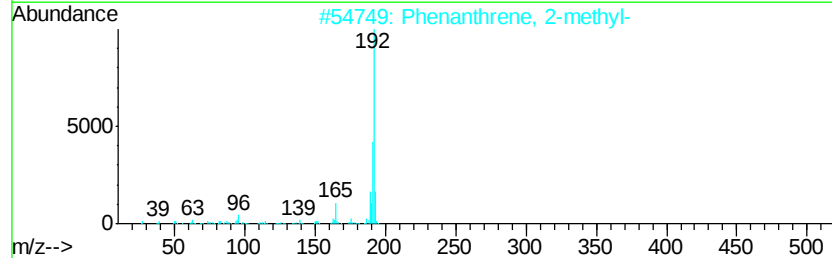
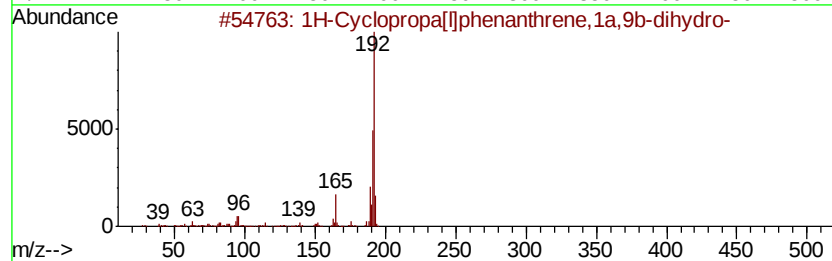
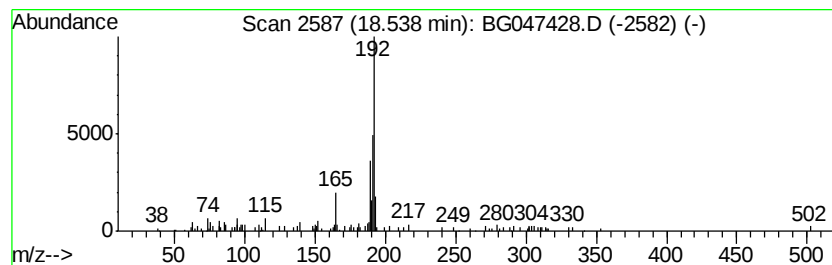
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.22 ng/ul	74299	Phenanthrene-d10	17.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



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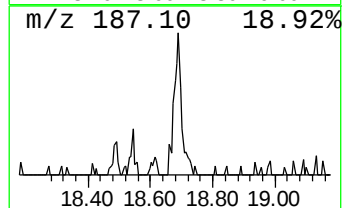
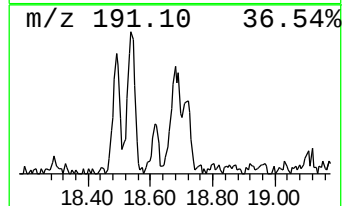
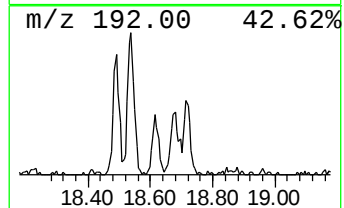
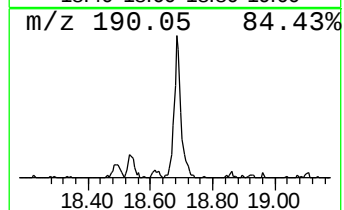
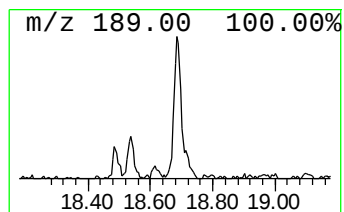
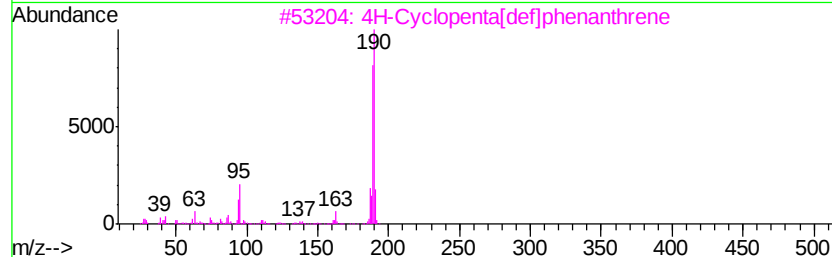
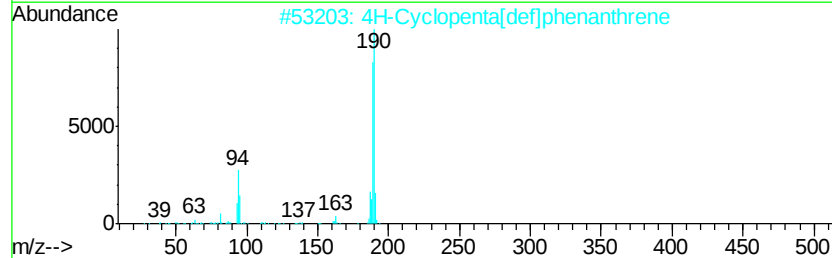
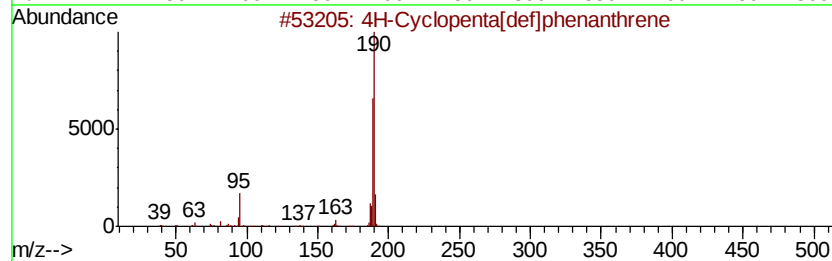
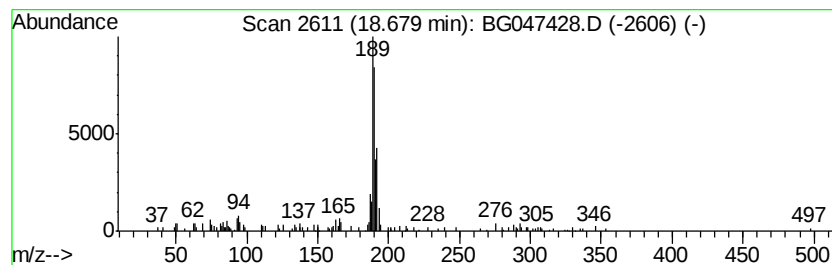
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Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.27 ng/ul	109157	Phenanthrene-d10	17.62

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	87	
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81	
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59	
5	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	53	



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1H-Cyclopropa[l]p...	18.54	2.2	ng/ul	74299	4	17.62	668519	20.0
4H-Cyclopenta[def...	18.68	3.3	ng/ul	109157	4	17.62	668519	20.0