

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047439.D
 Acq On : 24 Nov 2020 9:55
 Operator : CG/JU
 Sample : L4751-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B79

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	3.725	64	66	67	rBV	2345	1820	0.26%	0.026%
2	4.154	134	139	144	rBV3	8468	13185	1.87%	0.189%
3	4.512	199	200	204	rBV2	1903	1690	0.24%	0.024%
4	4.600	213	215	217	rVB2	2006	1923	0.27%	0.028%
5	4.724	233	236	238	rVB2	2331	2235	0.32%	0.032%
6	4.847	255	257	262	rVB2	1765	1857	0.26%	0.027%
7	5.199	313	317	318	rVB	2528	2545	0.36%	0.036%
8	5.429	354	356	358	rVB	2738	1955	0.28%	0.028%
9	5.699	401	402	405	rBV	2210	1956	0.28%	0.028%
10	6.563	548	549	553	rBV	2005	1650	0.23%	0.024%
11	6.833	594	595	600	rVB	1899	2385	0.34%	0.034%
12	6.874	600	602	604	rBV	1755	1813	0.26%	0.026%
13	6.974	614	619	620	rBV	2204	3048	0.43%	0.044%
14	7.215	658	660	661	rBV	2978	1670	0.24%	0.024%
15	7.250	664	666	669	rVV	2298	2793	0.40%	0.040%
16	7.279	669	671	673	rVB	1932	1653	0.23%	0.024%
17	7.403	685	692	702	rBV3	86386	181596	25.80%	2.602%
18	7.585	716	723	729	rBV	55069	90930	12.92%	1.303%
19	7.796	753	759	767	rBV2	87666	155822	22.14%	2.233%
20	7.879	771	773	777	rBV2	1672	1990	0.28%	0.029%
21	8.161	818	821	822	rBV	1503	1842	0.26%	0.026%
22	8.272	834	840	847	rBV	136318	237956	33.80%	3.410%
23	8.419	863	865	869	rBV	1432	1917	0.27%	0.027%
24	8.754	917	922	924	rBV	1508	2655	0.38%	0.038%
25	8.966	951	958	968	rVB	95847	167449	23.79%	2.400%
26	9.442	1032	1039	1047	rVB	90339	157198	22.33%	2.253%
27	9.765	1092	1094	1096	rBV	1786	1821	0.26%	0.026%
28	9.853	1105	1109	1113	rVB2	4755	6311	0.90%	0.090%
29	9.929	1121	1122	1125	rVB2	2279	1702	0.24%	0.024%
30	10.035	1138	1140	1143	rBV2	1396	1736	0.25%	0.025%
31	10.082	1146	1148	1152	rBV2	2281	3238	0.46%	0.046%
32	10.170	1155	1163	1171	rVV2	79364	144056	20.46%	2.064%
33	10.446	1207	1210	1213	rBV2	2349	2823	0.40%	0.040%
34	10.576	1230	1232	1237	rBV2	1378	2206	0.31%	0.032%

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35	10.640	1242	1243	1246	rVV2	1840	1621	0.23%	0.023%
36	10.705	1248	1254	1263	rVB	112184	207260	29.44%	2.970%
37	10.852	1276	1279	1281	rVB	1399	1612	0.23%	0.023%
38	10.910	1286	1289	1291	rBV	1776	1607	0.23%	0.023%
39	10.963	1294	1298	1300	rBV	1573	2443	0.35%	0.035%
40	11.098	1314	1321	1329	rBV	167323	308956	43.89%	4.428%
41	11.222	1335	1342	1351	rBV2	76973	145913	20.73%	2.091%
42	11.557	1395	1399	1401	rBV2	1766	2158	0.31%	0.031%
43	11.621	1406	1410	1413	rBV2	2293	2824	0.40%	0.040%
44	11.698	1421	1423	1426	rBV2	1898	1948	0.28%	0.028%
45	11.757	1430	1433	1435	rBV2	1778	1568	0.22%	0.022%
46	11.821	1442	1444	1448	rVB2	1558	1799	0.26%	0.026%
47	12.021	1473	1478	1482	rVB2	1986	3758	0.53%	0.054%
48	12.097	1489	1491	1495	rBV2	1851	1800	0.26%	0.026%
49	12.326	1528	1530	1532	rVB2	2383	1580	0.22%	0.023%
50	12.479	1555	1556	1559	rVB2	2262	1628	0.23%	0.023%
51	12.603	1574	1577	1580	rBV2	2781	2386	0.34%	0.034%
52	12.661	1585	1587	1593	rVB	2423	3772	0.54%	0.054%
53	12.726	1596	1598	1599	rBV	2700	1620	0.23%	0.023%
54	12.820	1610	1614	1616	rVB	1621	1939	0.28%	0.028%
55	13.125	1662	1666	1667	rBV	1611	1827	0.26%	0.026%
56	13.695	1761	1763	1764	rBV	2895	2106	0.30%	0.030%
57	14.054	1820	1824	1826	rBV	2037	1953	0.28%	0.028%
58	14.277	1856	1862	1866	rBV	192880	279177	39.66%	4.001%
59	14.324	1866	1870	1875	rVB	45886	65349	9.28%	0.937%
60	14.406	1882	1884	1887	rVB	1749	1938	0.28%	0.028%
61	14.442	1887	1890	1892	rBV	3014	2762	0.39%	0.040%
62	14.583	1907	1914	1921	rVB	196834	315057	44.76%	4.515%
63	14.759	1940	1944	1945	rBV	2379	3372	0.48%	0.048%
64	14.882	1959	1965	1972	rVB2	264448	424467	60.30%	6.083%
65	14.947	1972	1976	1983	rVB3	11752	18323	2.60%	0.263%
66	15.041	1986	1992	1999	rBV	86962	136430	19.38%	1.955%
67	15.200	2017	2019	2021	rVV	2947	2171	0.31%	0.031%
68	15.276	2027	2032	2038	rVB3	15023	24352	3.46%	0.349%
69	15.341	2038	2043	2044	rBV3	2751	3582	0.51%	0.051%
70	15.458	2061	2063	2066	rBV	2303	2629	0.37%	0.038%
71	15.493	2067	2069	2074	rVB	2157	2556	0.36%	0.037%

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72	15.869	2127	2133	2138	rBV	250313	376762	53.52%	5.399%
73	15.916	2139	2141	2146	rVV2	13060	20837	2.96%	0.299%
74	15.969	2146	2150	2156	rVB3	30583	45851	6.51%	0.657%
75	16.046	2161	2163	2167	rBV2	4770	3583	0.51%	0.051%
76	16.075	2167	2168	2169	rBV	2987	2016	0.29%	0.029%
77	16.257	2198	2199	2202	rBV	1923	2124	0.30%	0.030%
78	16.457	2229	2233	2236	rVB	2880	3809	0.54%	0.055%
79	16.645	2261	2265	2268	rBV	3290	3439	0.49%	0.049%
80	16.768	2284	2286	2287	rBV	2277	1612	0.23%	0.023%
81	16.839	2297	2298	2300	rBV	2915	2505	0.36%	0.036%
82	16.968	2318	2320	2324	rVB2	5439	5183	0.74%	0.074%
83	17.274	2368	2372	2378	rVB4	9614	15290	2.17%	0.219%
84	17.438	2396	2400	2404	rVB3	11625	15314	2.18%	0.219%
85	17.620	2424	2431	2435	rBV	318595	527318	74.91%	7.557%
86	17.661	2435	2438	2443	rVB	209677	283214	40.23%	4.059%
87	17.714	2443	2447	2452	rBV	248549	384108	54.56%	5.505%
88	17.885	2474	2476	2478	rBV2	3383	2459	0.35%	0.035%
89	17.973	2489	2491	2492	rBV	2640	1963	0.28%	0.028%
90	18.008	2494	2497	2502	rVB2	12048	17397	2.47%	0.249%
91	18.267	2538	2541	2543	rBV2	2498	3005	0.43%	0.043%
92	18.490	2575	2579	2582	rBV	26735	34755	4.94%	0.498%
93	18.537	2583	2587	2592	rVB	37338	55395	7.87%	0.794%
94	18.613	2597	2600	2605	rVB2	14002	19331	2.75%	0.277%
95	18.684	2606	2612	2615	rBV5	36667	67867	9.64%	0.973%
96	18.972	2658	2661	2664	rBV2	25473	29530	4.19%	0.423%
97	19.013	2665	2668	2674	rVB2	28621	40576	5.76%	0.581%
98	19.647	2772	2776	2783	rVB	376883	533733	75.82%	7.649%
99	19.982	2827	2833	2835	rBV2	380891	581235	82.57%	8.330%
100	21.898	3152	3159	3164	rBV2	310993	703947	100.00%	10.088%

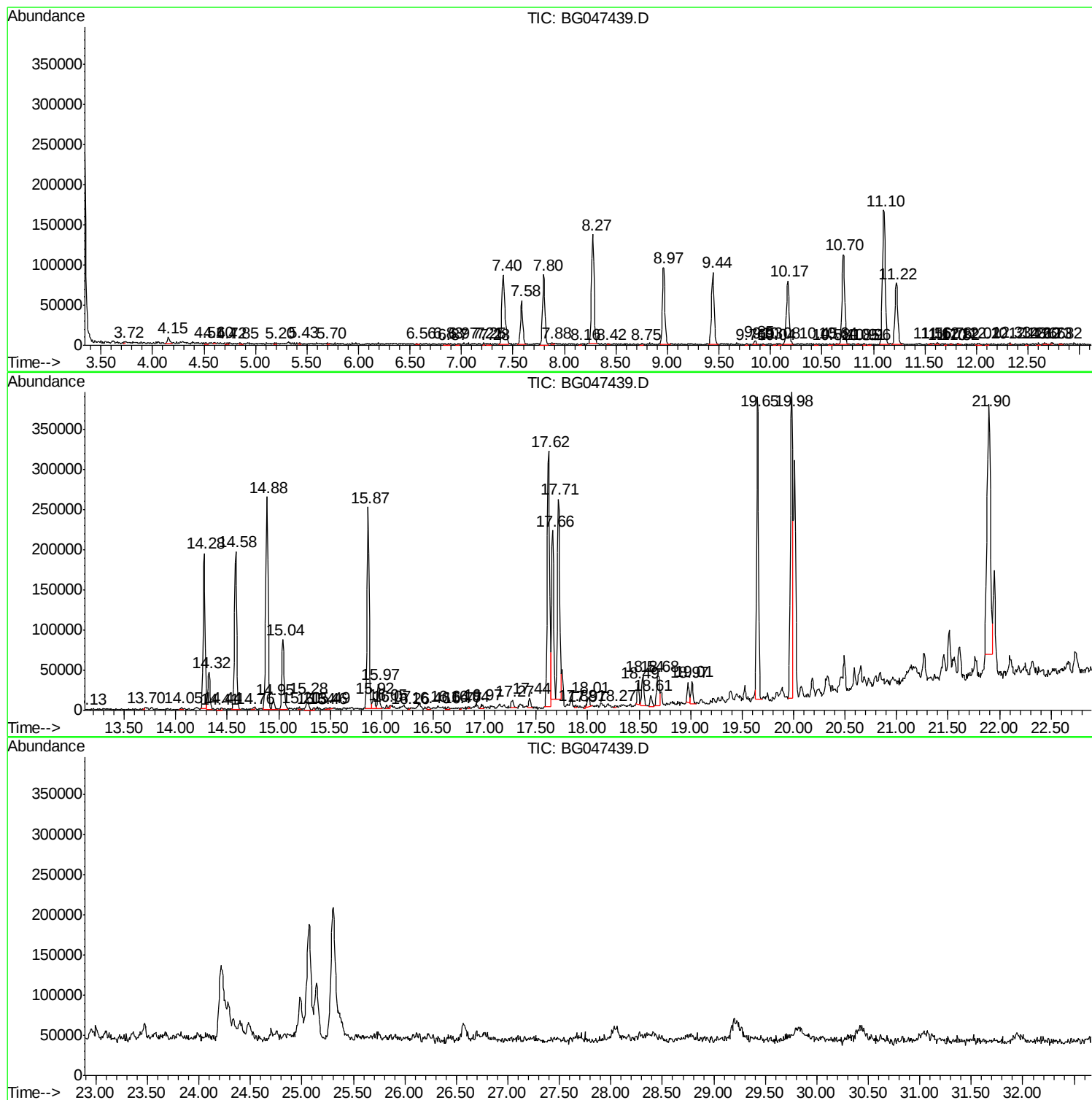
Sum of corrected areas: 6977827

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



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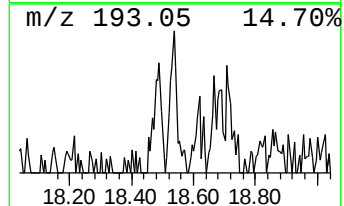
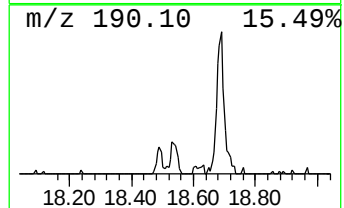
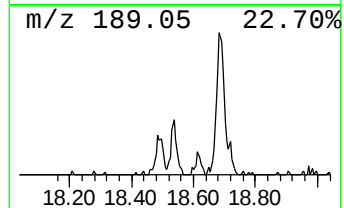
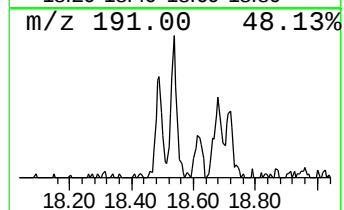
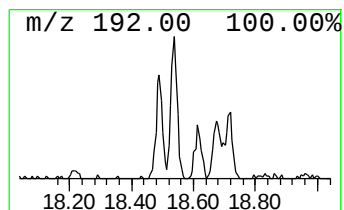
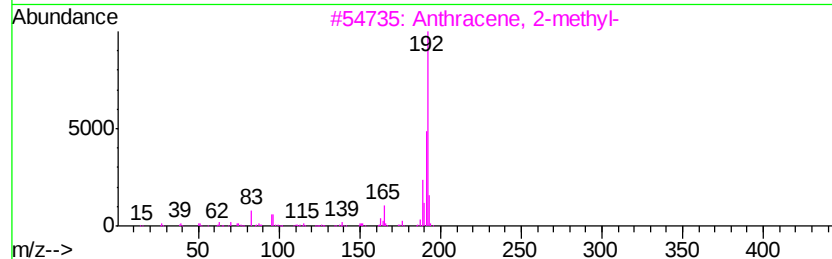
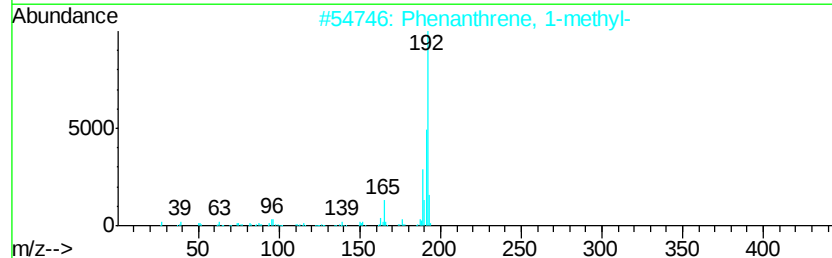
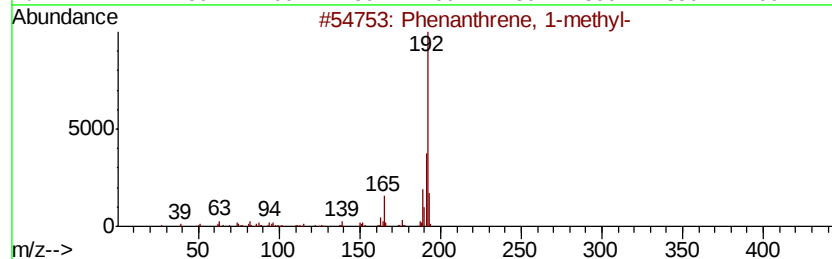
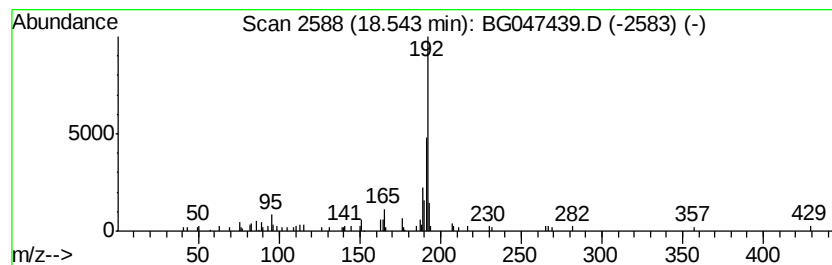
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.54	2.10 ng/ul	55395	Phenanthrene-d10	17.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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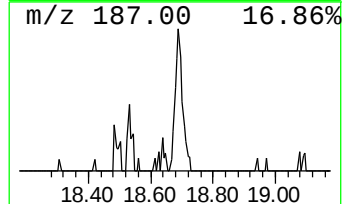
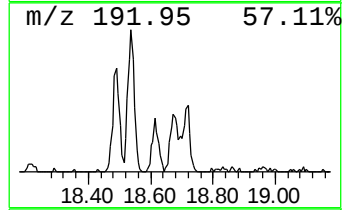
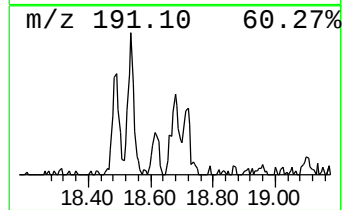
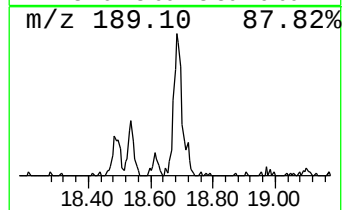
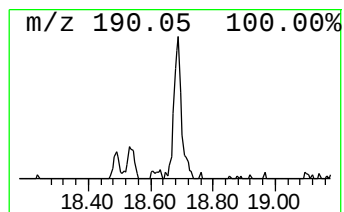
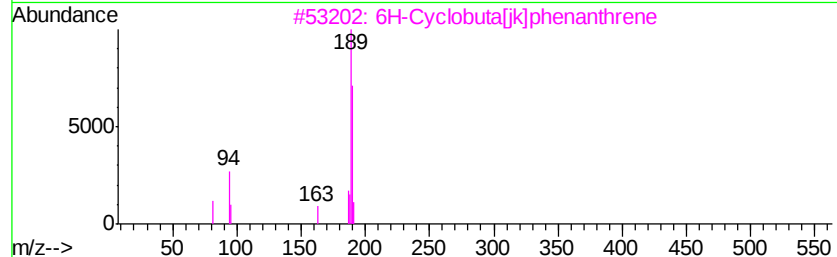
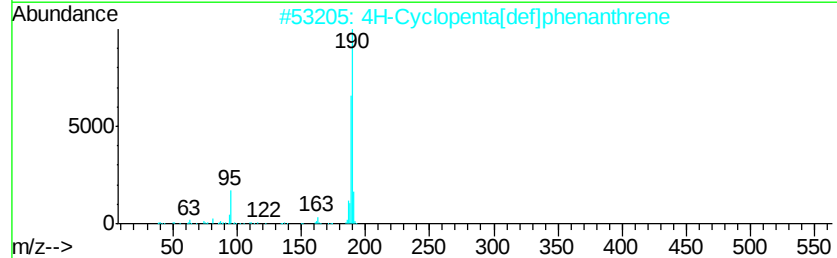
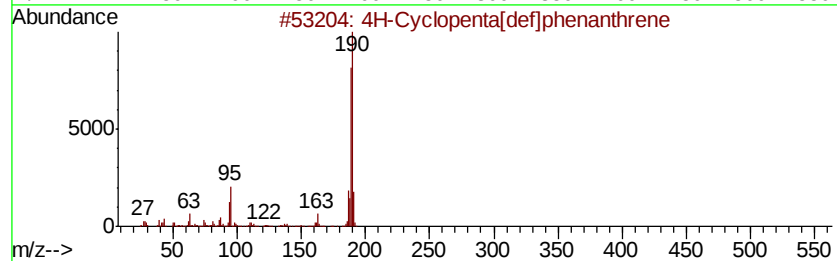
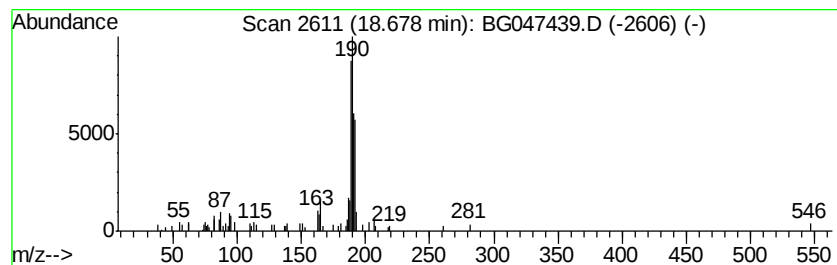
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Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.68	2.57 ng/ul	67867	Phenanthrene-d10	17.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1-m...	18.54	2.1	ng/ul	55395	4	17.62	527318	20.0
4H-Cyclopenta[def...	18.68	2.6	ng/ul	67867	4	17.62	527318	20.0