

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047440.D
 Acq On : 24 Nov 2020 10:35
 Operator : CG/JU
 Sample : L4751-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B82

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	4.283	158	161	162	rBV2	3460	3484	0.48%	0.047%
2	4.383	176	178	180	rBV	3119	3044	0.42%	0.041%
3	4.465	188	192	193	rBV	2189	2486	0.34%	0.034%
4	5.211	317	319	323	rVB2	2246	2694	0.37%	0.037%
5	5.317	334	337	338	rBV	2968	2753	0.38%	0.037%
6	5.329	338	339	343	rVB	3738	3610	0.49%	0.049%
7	5.517	368	371	373	rBV	2051	2155	0.30%	0.029%
8	6.263	496	498	500	rVB	2131	1936	0.27%	0.026%
9	6.439	524	528	530	rBV2	1470	2312	0.32%	0.031%
10	6.821	590	593	594	rBV2	2213	1799	0.25%	0.024%
11	7.403	686	692	702	rVB2	98632	198248	27.16%	2.690%
12	7.585	715	723	729	rBV	57090	100662	13.79%	1.366%
13	7.708	743	744	748	rVB	2251	1792	0.25%	0.024%
14	7.796	748	759	765	rBV2	90485	167461	22.94%	2.273%
15	7.873	769	772	773	rBV2	1975	1939	0.27%	0.026%
16	8.272	834	840	847	rBV	134909	233721	32.02%	3.172%
17	8.549	885	887	890	rBV	2801	2457	0.34%	0.033%
18	8.966	950	958	965	rBV3	107468	190369	26.08%	2.584%
19	9.265	1005	1009	1010	rBV3	2085	2035	0.28%	0.028%
20	9.436	1032	1038	1046	rBV	90674	170843	23.41%	2.319%
21	9.577	1059	1062	1064	rBV	2252	2266	0.31%	0.031%
22	9.847	1105	1108	1114	rVB2	4638	7788	1.07%	0.106%
23	10.164	1155	1162	1170	rBV2	86528	156770	21.48%	2.128%
24	10.411	1199	1204	1206	rBV2	1324	1931	0.26%	0.026%
25	10.711	1247	1255	1264	rVB	125741	234106	32.07%	3.177%
26	11.104	1314	1322	1329	rVB	169362	313300	42.92%	4.252%
27	11.222	1334	1342	1349	rBV	93999	172590	23.64%	2.342%
28	11.621	1407	1410	1413	rBV	1835	2019	0.28%	0.027%
29	11.992	1471	1473	1476	rVB	2055	1803	0.25%	0.024%
30	12.150	1496	1500	1504	rBV	1667	2471	0.34%	0.034%
31	12.544	1564	1567	1571	rVB	3418	4016	0.55%	0.055%
32	12.614	1576	1579	1582	rVV	1571	1998	0.27%	0.027%
33	12.656	1585	1586	1590	rVB2	2644	3071	0.42%	0.042%
34	13.126	1664	1666	1669	rBV2	1435	1914	0.26%	0.026%

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35	13.255	1684	1688	1690	rBV2	2450	1872	0.26%	0.025%
36	13.502	1726	1730	1731	rBV	1576	1803	0.25%	0.024%
37	14.118	1833	1835	1838	rBV	1913	2584	0.35%	0.035%
38	14.207	1848	1850	1855	rVB	2193	2004	0.27%	0.027%
39	14.277	1855	1862	1866	rBV	209876	319656	43.79%	4.338%
40	14.318	1866	1869	1876	rVB	45073	62683	8.59%	0.851%
41	14.583	1907	1914	1923	rVB	216247	352374	48.27%	4.782%
42	14.753	1940	1943	1944	rBV3	1818	2067	0.28%	0.028%
43	14.882	1959	1965	1972	rVB2	270406	423196	57.98%	5.743%
44	15.041	1985	1992	2000	rBV	89720	140360	19.23%	1.905%
45	15.194	2016	2018	2021	rBV	2579	2197	0.30%	0.030%
46	15.282	2026	2033	2036	rBV2	9675	16823	2.30%	0.228%
47	15.464	2061	2064	2066	rVB	2780	2522	0.35%	0.034%
48	15.523	2072	2074	2077	rVB	2963	2428	0.33%	0.033%
49	15.552	2077	2079	2082	rVB	2208	2166	0.30%	0.029%
50	15.746	2109	2112	2113	rBV	1944	2104	0.29%	0.029%
51	15.869	2126	2133	2138	rBV	272394	428873	58.76%	5.820%
52	15.922	2141	2142	2146	rVV	7997	6419	0.88%	0.087%
53	15.969	2146	2150	2158	rVB3	33116	49677	6.81%	0.674%
54	16.093	2168	2171	2172	rBV	2521	2391	0.33%	0.032%
55	16.187	2184	2187	2189	rBV	2166	2546	0.35%	0.035%
56	16.621	2259	2261	2264	rBV	2881	2771	0.38%	0.038%
57	16.745	2280	2282	2285	rVB	3426	2122	0.29%	0.029%
58	17.039	2330	2332	2333	rBV	3283	2043	0.28%	0.028%
59	17.250	2366	2368	2369	rBV	2685	2429	0.33%	0.033%
60	17.262	2369	2370	2375	rVB2	5185	6528	0.89%	0.089%
61	17.432	2397	2399	2402	rVB	6765	6922	0.95%	0.094%
62	17.620	2425	2431	2434	rBV	333701	491476	67.33%	6.670%
63	17.661	2435	2438	2442	rVV	145232	201555	27.61%	2.735%
64	17.714	2442	2447	2459	rVB	298658	480066	65.77%	6.515%
65	17.844	2464	2469	2472	rBV5	10984	17680	2.42%	0.240%
66	18.008	2493	2497	2502	rVB	17041	26573	3.64%	0.361%
67	18.243	2535	2537	2541	rBV	3559	5311	0.73%	0.072%
68	18.537	2583	2587	2595	rVB4	25419	41478	5.68%	0.563%
69	18.684	2607	2612	2616	rBV3	30647	57345	7.86%	0.778%
70	18.977	2658	2662	2664	rBV3	20023	24732	3.39%	0.336%
71	19.013	2665	2668	2673	rVB2	33971	47468	6.50%	0.644%

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72	19.653	2771	2777	2783	rVB	450786	671593	92.01%	9.114%
73	19.982	2827	2833	2836	rBV2	438628	729932	100.00%	9.906%
74	21.898	3152	3159	3164	rBV2	299642	721833	98.89%	9.796%

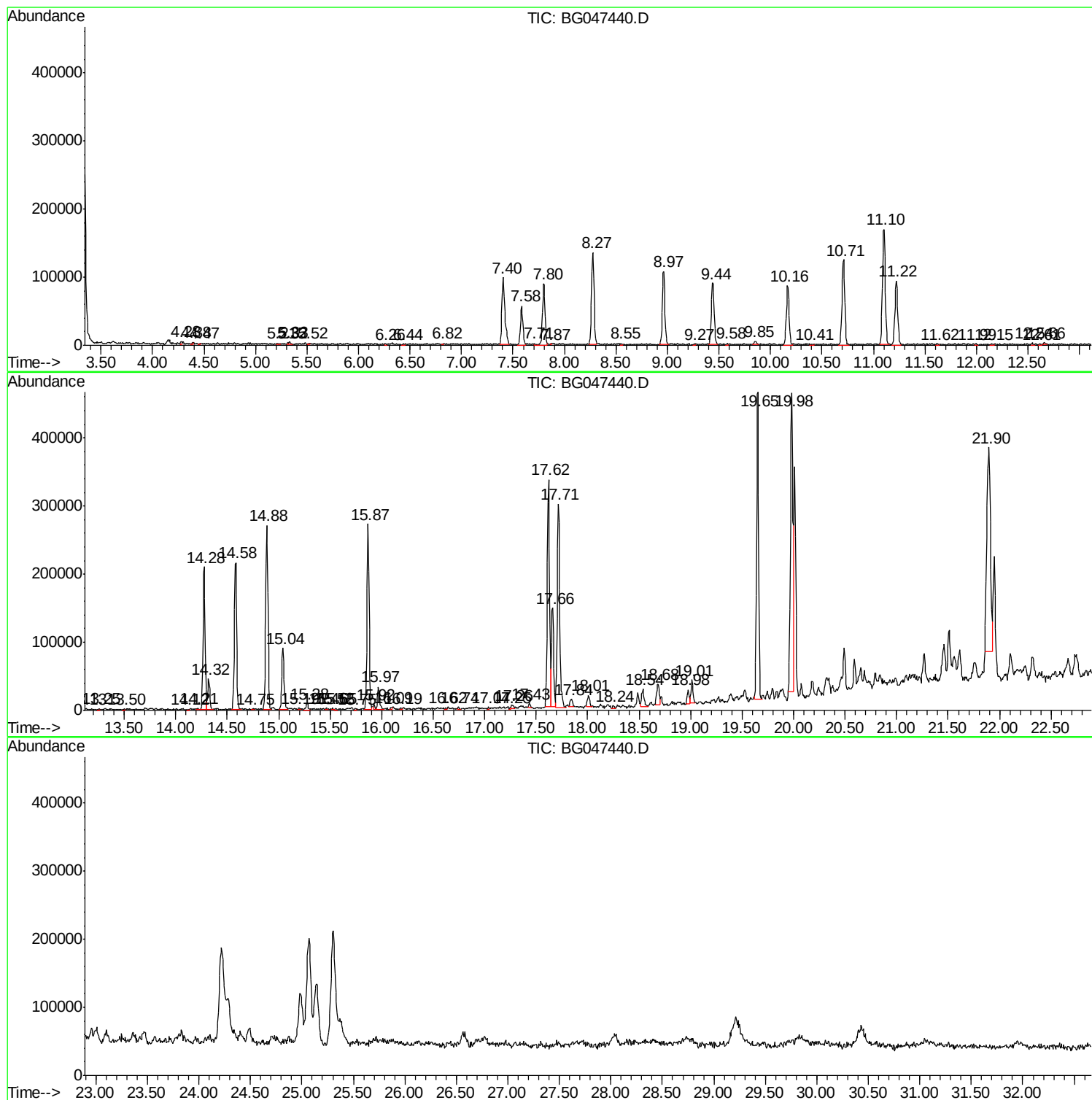
Sum of corrected areas: 7368445

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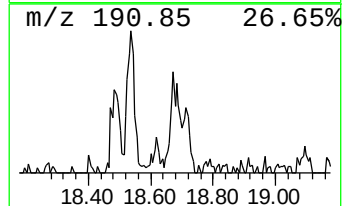
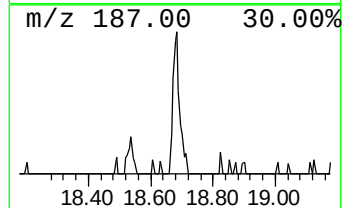
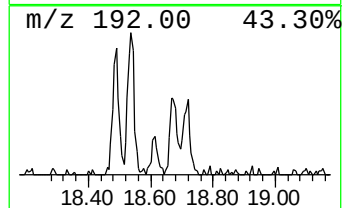
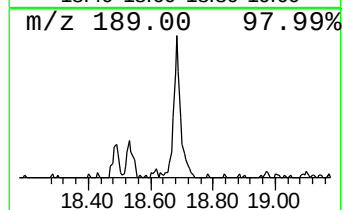
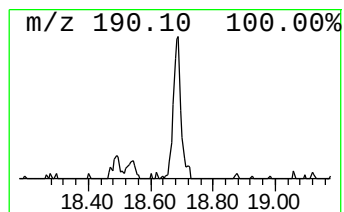
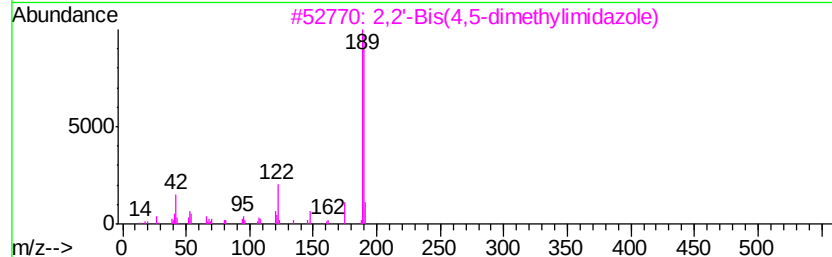
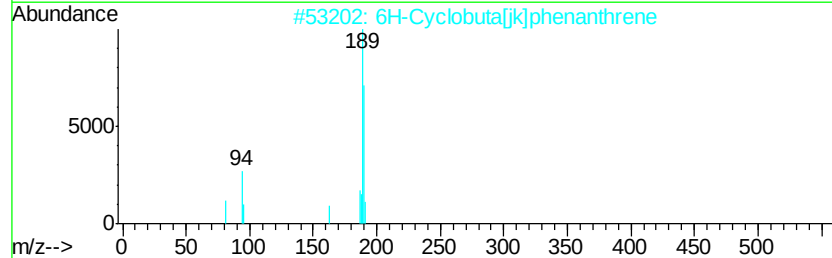
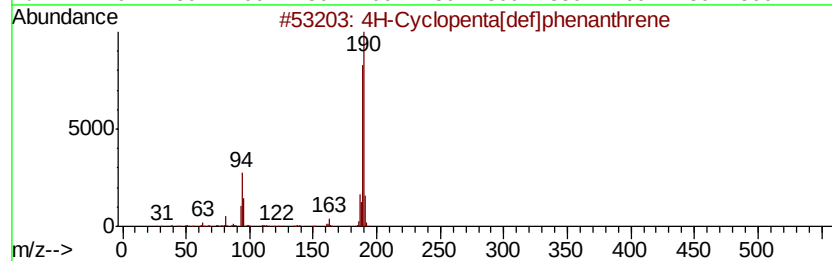
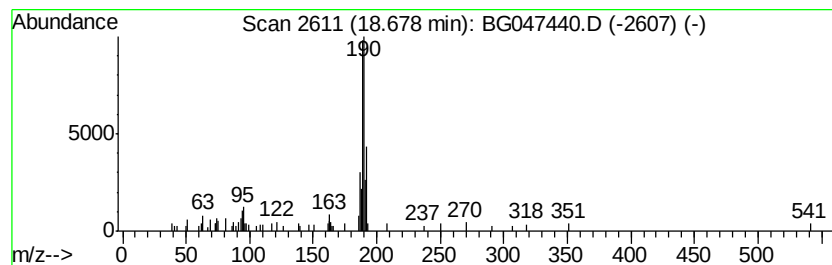
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.68	2.33 ng/ul	57345	Phenanthrene-d10	17.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72	
2	6H-Cyclobuta[i]phenanthrene	190	C15H10	083469-43-6	72	
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53	
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50	
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	18.68	2.3	ng/ul	57345	4	17.62	491476	20.0