

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047806.D
 Acq On : 23 Dec 2020 19:55
 Operator : CG/JU
 Sample : L5112-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A54N4

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-BG120720MA.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	3.600	41	44	47	rBV2	3018	4178	0.41%	0.046%
2	3.817	77	81	83	rBV3	1921	2207	0.22%	0.025%
3	4.070	119	124	130	rVB4	5858	11363	1.12%	0.126%
4	4.199	144	146	149	rVB3	4139	3061	0.30%	0.034%
5	5.351	339	342	344	rBV	2538	3018	0.30%	0.034%
6	6.543	542	545	547	rBV	2713	2232	0.22%	0.025%
7	7.172	651	652	657	rBV	2305	2584	0.25%	0.029%
8	7.331	673	679	691	rVB	110209	211802	20.84%	2.357%
9	7.507	703	709	717	rVB	68858	113781	11.20%	1.266%
10	7.619	727	728	734	rBV	1926	2810	0.28%	0.031%
11	7.724	738	746	753	rBV2	109832	195187	19.20%	2.172%
12	8.100	808	810	816	rVB	1992	2291	0.23%	0.025%
13	8.200	820	827	833	rVB	109828	188993	18.60%	2.103%
14	8.429	864	866	870	rBV	1355	2486	0.24%	0.028%
15	8.894	938	945	952	rBV	127238	220101	21.66%	2.449%
16	9.017	963	966	968	rBV2	3379	3489	0.34%	0.039%
17	9.299	1012	1014	1017	rVB2	2566	2474	0.24%	0.028%
18	9.364	1018	1025	1034	rVB2	105840	195060	19.19%	2.170%
19	9.769	1090	1094	1099	rVB2	4632	7003	0.69%	0.078%
20	10.092	1142	1149	1157	rVB3	108841	193048	18.99%	2.148%
21	10.633	1234	1241	1248	rBV2	150697	268554	26.42%	2.988%
22	11.020	1300	1307	1319	rVB	138673	247651	24.37%	2.755%
23	11.144	1322	1328	1336	rBV	112727	201678	19.84%	2.244%
24	12.589	1570	1574	1578	rBV	3209	5415	0.53%	0.060%
25	13.300	1691	1695	1699	rVB	1816	2751	0.27%	0.031%
26	13.424	1713	1716	1717	rBV	2990	2467	0.24%	0.027%
27	14.211	1842	1850	1855	rBV	269340	396875	39.05%	4.416%
28	14.258	1855	1858	1863	rVB2	19538	26755	2.63%	0.298%
29	14.516	1895	1902	1914	rVB	266389	435684	42.87%	4.847%
30	14.687	1929	1931	1935	rVB	2720	2410	0.24%	0.027%
31	14.816	1947	1953	1965	rVB2	221541	361838	35.60%	4.026%
32	14.986	1976	1982	1992	rBV2	100758	175717	17.29%	1.955%
33	15.216	2017	2021	2028	rVB2	15431	22375	2.20%	0.249%
34	15.756	2108	2113	2114	rBV2	1770	2715	0.27%	0.030%

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35	15.803	2114	2121	2128	rVV	347418	534179	52.56%	5.943%
36	15.909	2135	2139	2146	rBV2	128228	187347	18.43%	2.084%
37	16.044	2159	2162	2166	rVB4	4825	7032	0.69%	0.078%
38	16.767	2284	2285	2289	rVB	1924	2271	0.22%	0.025%
39	16.861	2297	2301	2302	rBV2	3366	2831	0.28%	0.031%
40	17.078	2335	2338	2342	rBV2	3895	5659	0.56%	0.063%
41	17.207	2356	2360	2364	rBV2	3463	4796	0.47%	0.053%
42	17.278	2367	2372	2378	rBV4	5650	11131	1.10%	0.124%
43	17.554	2411	2419	2424	rBV	318667	479430	47.17%	5.334%
44	17.654	2430	2436	2446	rVB	396981	612338	60.25%	6.813%
45	17.965	2484	2489	2490	rBV2	4864	8686	0.85%	0.097%
46	18.424	2563	2567	2572	rBV3	11821	19068	1.88%	0.212%
47	18.471	2572	2575	2580	rVB3	17137	23764	2.34%	0.264%
48	18.623	2594	2601	2613	rVB2	44228	95420	9.39%	1.062%
49	18.911	2648	2650	2654	rVB2	19680	20851	2.05%	0.232%
50	19.322	2717	2720	2725	rBV5	20073	33853	3.33%	0.377%
51	19.469	2741	2745	2754	rVB3	34690	59508	5.86%	0.662%
52	19.593	2760	2766	2772	rVB	462711	668685	65.79%	7.440%
53	19.675	2778	2780	2785	rVB4	11320	15823	1.56%	0.176%
54	19.922	2816	2822	2825	rBV3	554418	915763	90.10%	10.189%
55	20.022	2835	2839	2845	rVB2	21481	36272	3.57%	0.404%
56	20.122	2853	2856	2862	rVB2	28589	41403	4.07%	0.461%
57	20.533	2922	2926	2930	rBV	72876	93726	9.22%	1.043%
58	21.814	3138	3144	3151	rBV3	379818	1016339	100.00%	11.308%
59	24.105	3527	3534	3542	rBV2	175527	571603	56.24%	6.360%

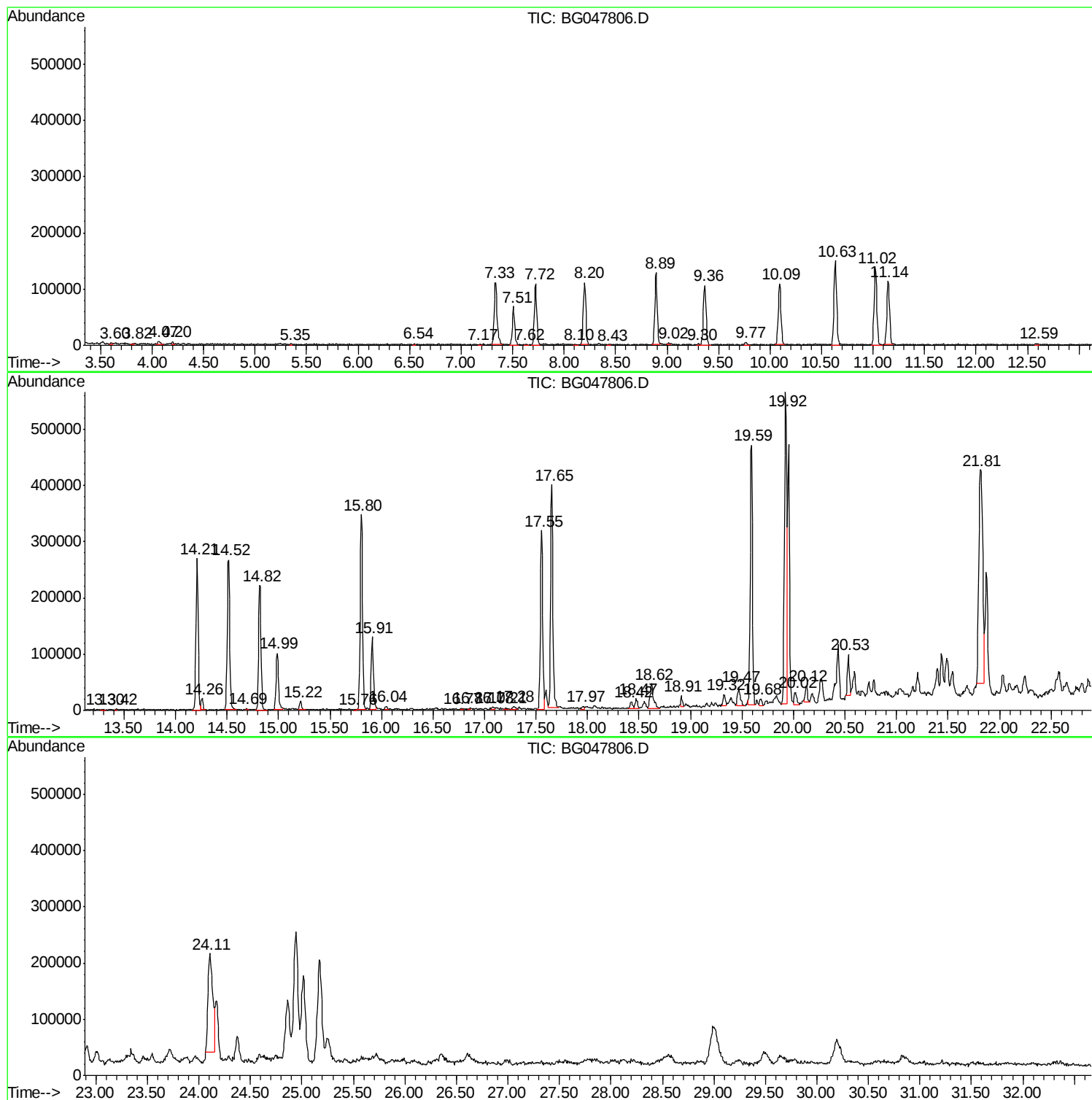
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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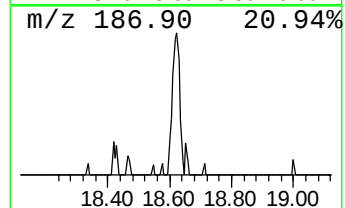
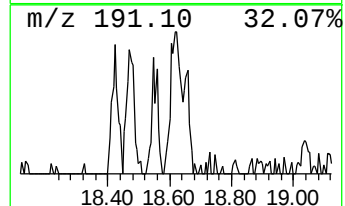
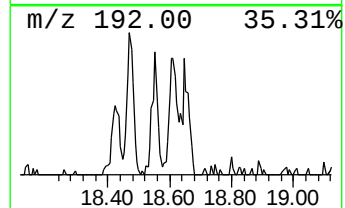
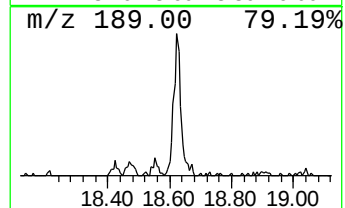
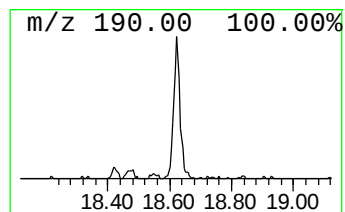
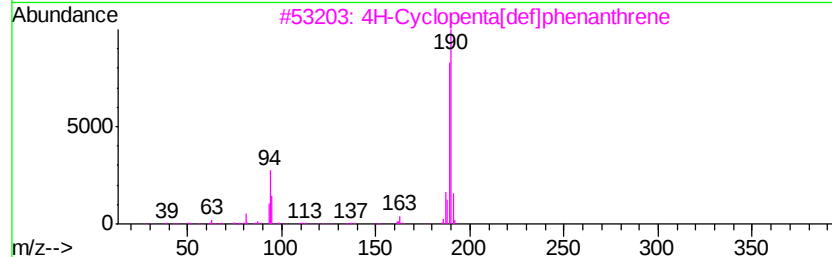
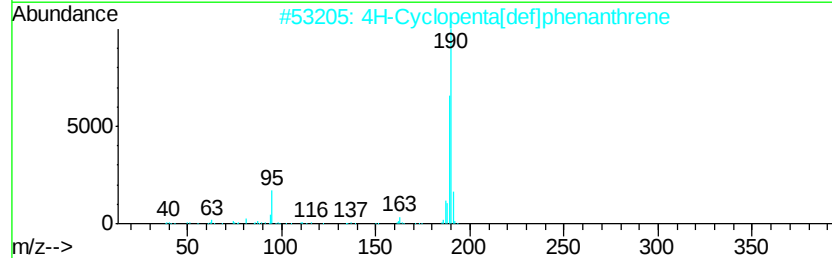
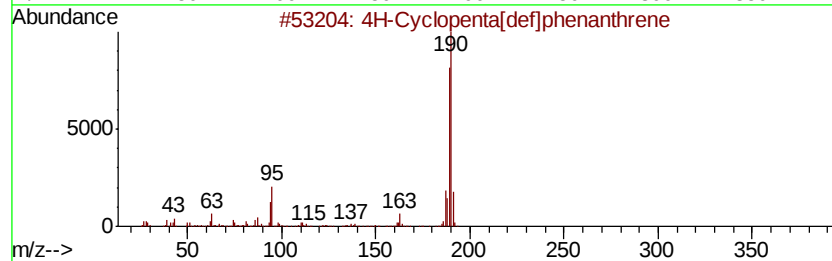
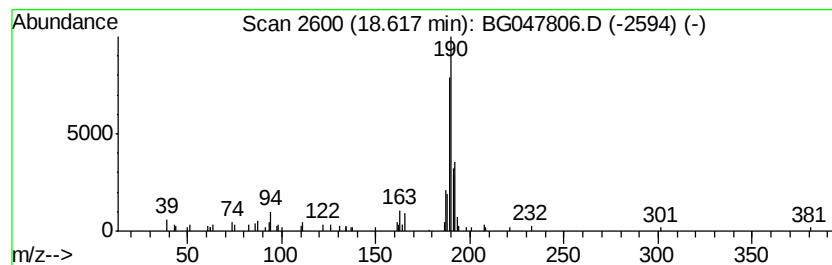
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.98 ng/ul	95420	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	72
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	59



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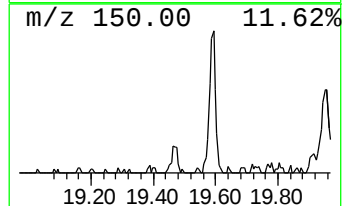
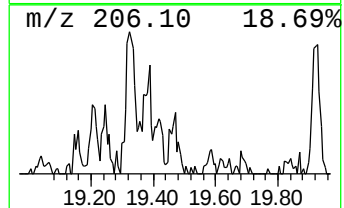
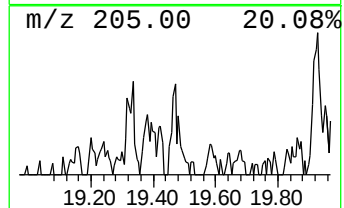
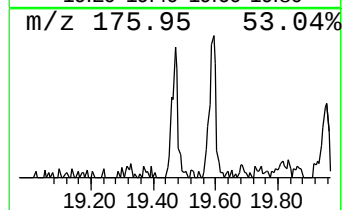
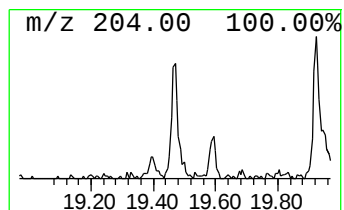
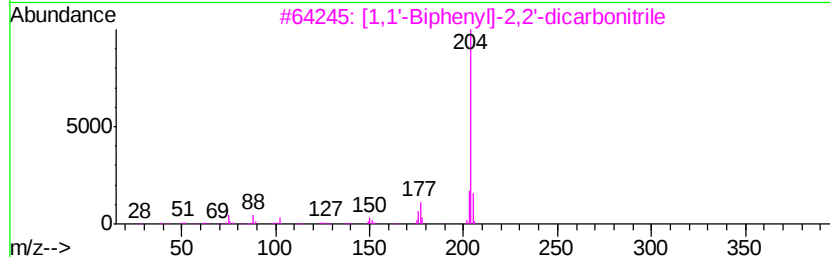
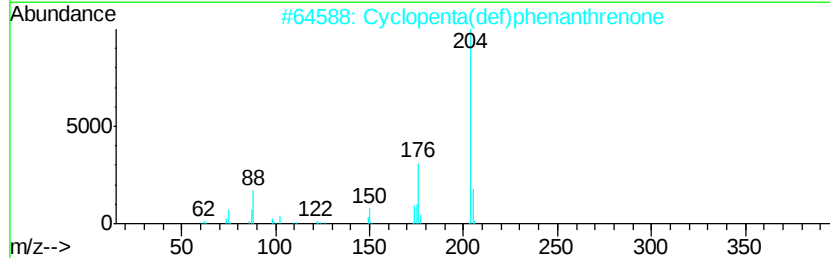
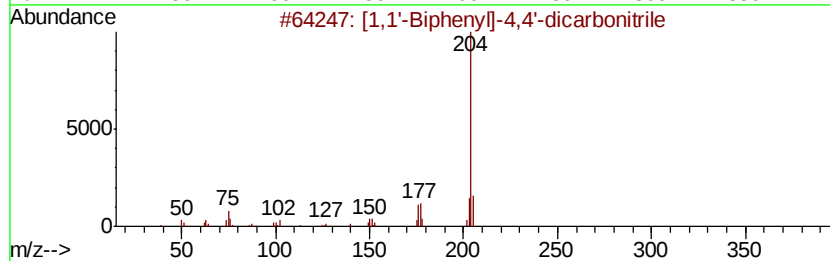
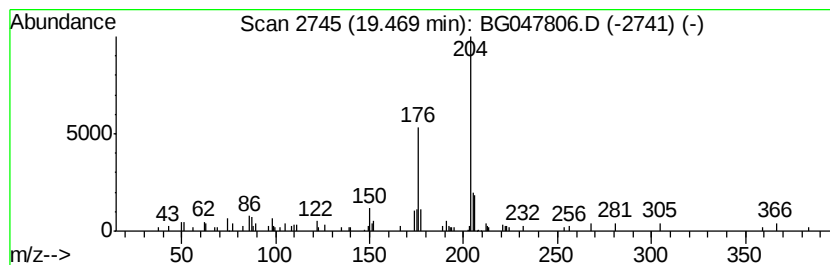
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 [1,1'-Biphenyl]-4,4'-dicarb... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.47	2.48 ng/ul	59508	Phenanthrene-d10	17.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
2		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	47
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	18.62	4.0	ng/ul	95420	4	17.55	479430	20.0
[1,1'-Biphenyl]-4...	19.47	2.5	ng/ul	59508	4	17.55	479430	20.0