

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047441.D
 Acq On : 24 Nov 2020 11:16
 Operator : CG/JU
 Sample : L4751-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B80

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	3.514	27	30	32	rBV2	1983	2408	0.43%	0.042%
2	3.614	43	47	53	rVB5	3773	5889	1.04%	0.102%
3	3.808	77	80	82	rBV2	3842	3637	0.64%	0.063%
4	3.855	86	88	89	rBV	2253	1740	0.31%	0.030%
5	3.914	96	98	100	rBV	2594	1684	0.30%	0.029%
6	3.996	110	112	113	rVB	2865	1813	0.32%	0.031%
7	4.055	118	122	126	rBV2	2583	4991	0.88%	0.086%
8	4.155	134	139	145	rBV2	10947	18411	3.26%	0.319%
9	4.284	160	161	165	rVB3	5137	5383	0.95%	0.093%
10	4.360	172	174	175	rBV3	3180	1690	0.30%	0.029%
11	4.513	197	200	201	rBV3	1751	1721	0.31%	0.030%
12	4.660	222	225	227	rVB3	1976	1691	0.30%	0.029%
13	4.719	233	235	237	rBV	2642	2186	0.39%	0.038%
14	4.913	266	268	270	rBV	2240	1708	0.30%	0.030%
15	5.154	306	309	312	rBV	1576	1585	0.28%	0.027%
16	5.283	329	331	332	rBV	2706	1565	0.28%	0.027%
17	5.336	335	340	343	rVV3	2394	4612	0.82%	0.080%
18	5.494	365	367	372	rBV3	1489	2028	0.36%	0.035%
19	5.547	372	376	378	rBV3	1478	1711	0.30%	0.030%
20	5.865	426	430	431	rVB3	2233	2163	0.38%	0.037%
21	6.147	476	478	482	rBV3	1649	1746	0.31%	0.030%
22	6.311	502	506	509	rBV2	3637	4431	0.79%	0.077%
23	6.681	566	569	571	rBV2	1329	1699	0.30%	0.029%
24	6.840	593	596	599	rBV2	1038	1572	0.28%	0.027%
25	6.922	608	610	611	rBV2	2604	1576	0.28%	0.027%
26	7.016	622	626	628	rBV2	1733	1965	0.35%	0.034%
27	7.122	642	644	647	rVB2	2440	2379	0.42%	0.041%
28	7.216	657	660	663	rBV	1811	2459	0.44%	0.043%
29	7.298	673	674	676	rBV	2354	1735	0.31%	0.030%
30	7.404	683	692	704	rBV3	88914	179297	31.79%	3.103%
31	7.586	715	723	729	rBV	51941	89566	15.88%	1.550%
32	7.645	732	733	737	rVB	1664	1673	0.30%	0.029%
33	7.686	737	740	742	rBV	1386	1800	0.32%	0.031%
34	7.751	748	751	752	rBV	1650	1651	0.29%	0.029%

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 Title : SVOA CALIBRATION

35	7.798	753	759	765	rVB	90082	152186	26.98%	2.634%
36	7.880	771	773	779	rVB	1504	2388	0.42%	0.041%
37	8.273	833	840	846	rBV	133323	225729	40.02%	3.907%
38	8.573	888	891	893	rBV	2995	2210	0.39%	0.038%
39	8.638	900	902	904	rBV	1793	1695	0.30%	0.029%
40	8.961	951	957	968	rVB2	93241	161402	28.62%	2.794%
41	9.366	1023	1026	1028	rBV2	1663	1607	0.28%	0.028%
42	9.437	1030	1038	1046	rVV2	85561	162658	28.84%	2.815%
43	9.742	1085	1090	1091	rBV2	1744	2328	0.41%	0.040%
44	9.842	1104	1107	1109	rBV	2555	2909	0.52%	0.050%
45	10.165	1155	1162	1172	rBV2	75838	142222	25.22%	2.462%
46	10.353	1191	1194	1196	rBV2	1392	1861	0.33%	0.032%
47	10.541	1224	1226	1229	rBV2	1937	2402	0.43%	0.042%
48	10.706	1247	1254	1262	rVB2	112249	202616	35.92%	3.507%
49	10.759	1262	1263	1266	rBV2	2161	2072	0.37%	0.036%
50	10.964	1293	1298	1300	rBV2	2017	2757	0.49%	0.048%
51	11.100	1314	1321	1329	rBV	157012	293083	51.96%	5.073%
52	11.223	1334	1342	1349	rVB2	66303	125599	22.27%	2.174%
53	11.364	1363	1366	1368	rBV2	2255	1810	0.32%	0.031%
54	11.611	1405	1408	1411	rBV2	2220	2548	0.45%	0.044%
55	11.728	1426	1428	1431	rBV2	1748	1619	0.29%	0.028%
56	12.134	1494	1497	1498	rVB2	1789	1608	0.29%	0.028%
57	12.292	1522	1524	1526	rBV2	1646	1635	0.29%	0.028%
58	12.480	1553	1556	1558	rBV2	1968	1939	0.34%	0.034%
59	12.621	1577	1580	1582	rVB2	1540	1619	0.29%	0.028%
60	12.733	1596	1599	1601	rBV2	1802	2251	0.40%	0.039%
61	13.697	1761	1763	1766	rBV2	3578	3629	0.64%	0.063%
62	14.078	1826	1828	1831	rVB2	2810	1783	0.32%	0.031%
63	14.108	1831	1833	1835	rBV2	1942	2125	0.38%	0.037%
64	14.278	1856	1862	1866	rBV	178063	272811	48.37%	4.722%
65	14.325	1866	1870	1876	rVB2	40282	56840	10.08%	0.984%
66	14.478	1894	1896	1899	rBV2	1360	1563	0.28%	0.027%
67	14.578	1907	1913	1920	rVB	187178	301430	53.44%	5.217%
68	14.766	1943	1945	1947	rVB	1916	1640	0.29%	0.028%
69	14.783	1947	1948	1953	rBV	2240	2556	0.45%	0.044%
70	14.883	1958	1965	1973	rBV2	259942	406160	72.01%	7.030%
71	14.948	1973	1976	1979	rBV2	3435	3706	0.66%	0.064%

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72	15.036	1985	1991	1998	rBV2	75107	127518	22.61%	2.207%
73	15.201	2014	2019	2025	rVV3	4186	6972	1.24%	0.121%
74	15.277	2028	2032	2035	rVV3	7250	10457	1.85%	0.181%
75	15.306	2035	2037	2041	rVB	2521	2036	0.36%	0.035%
76	15.782	2115	2118	2119	rBV	2819	1987	0.35%	0.034%
77	15.870	2126	2133	2139	rVV	242910	366520	64.98%	6.344%
78	15.970	2145	2150	2156	rVB3	26752	41017	7.27%	0.710%
79	16.282	2201	2203	2206	rVB3	1539	1625	0.29%	0.028%
80	16.405	2222	2224	2225	rBV	1855	1574	0.28%	0.027%
81	16.493	2237	2239	2240	rBV	3390	2079	0.37%	0.036%
82	16.552	2246	2249	2253	rVB2	3403	3929	0.70%	0.068%
83	16.587	2253	2255	2256	rBV2	2456	2140	0.38%	0.037%
84	16.840	2294	2298	2299	rBV	2957	3049	0.54%	0.053%
85	16.993	2322	2324	2327	rBV	2629	2082	0.37%	0.036%
86	17.145	2347	2350	2354	rBV2	4032	7327	1.30%	0.127%
87	17.339	2380	2383	2385	rBV2	3155	4212	0.75%	0.073%
88	17.516	2411	2413	2416	rBV2	4162	3986	0.71%	0.069%
89	17.615	2424	2430	2435	rBV	313167	503975	89.35%	8.723%
90	17.657	2435	2437	2442	rVV	101436	136141	24.14%	2.356%
91	17.715	2442	2447	2453	rVV2	253298	371358	65.84%	6.428%
92	17.845	2465	2469	2474	rVB3	6714	9901	1.76%	0.171%
93	18.303	2545	2547	2548	rBV2	3687	2159	0.38%	0.037%
94	18.485	2576	2578	2581	rVB4	13838	12067	2.14%	0.209%
95	18.538	2583	2587	2593	rVB2	20409	30187	5.35%	0.523%
96	18.685	2605	2612	2615	rBV4	21065	41149	7.30%	0.712%
97	18.973	2658	2661	2664	rBV2	13346	18362	3.26%	0.318%
98	19.014	2664	2668	2673	rVB2	38909	52938	9.39%	0.916%
99	19.648	2771	2776	2782	rVB	361947	527469	93.52%	9.130%
100	19.977	2827	2832	2835	rBV2	349010	564030	100.00%	9.763%

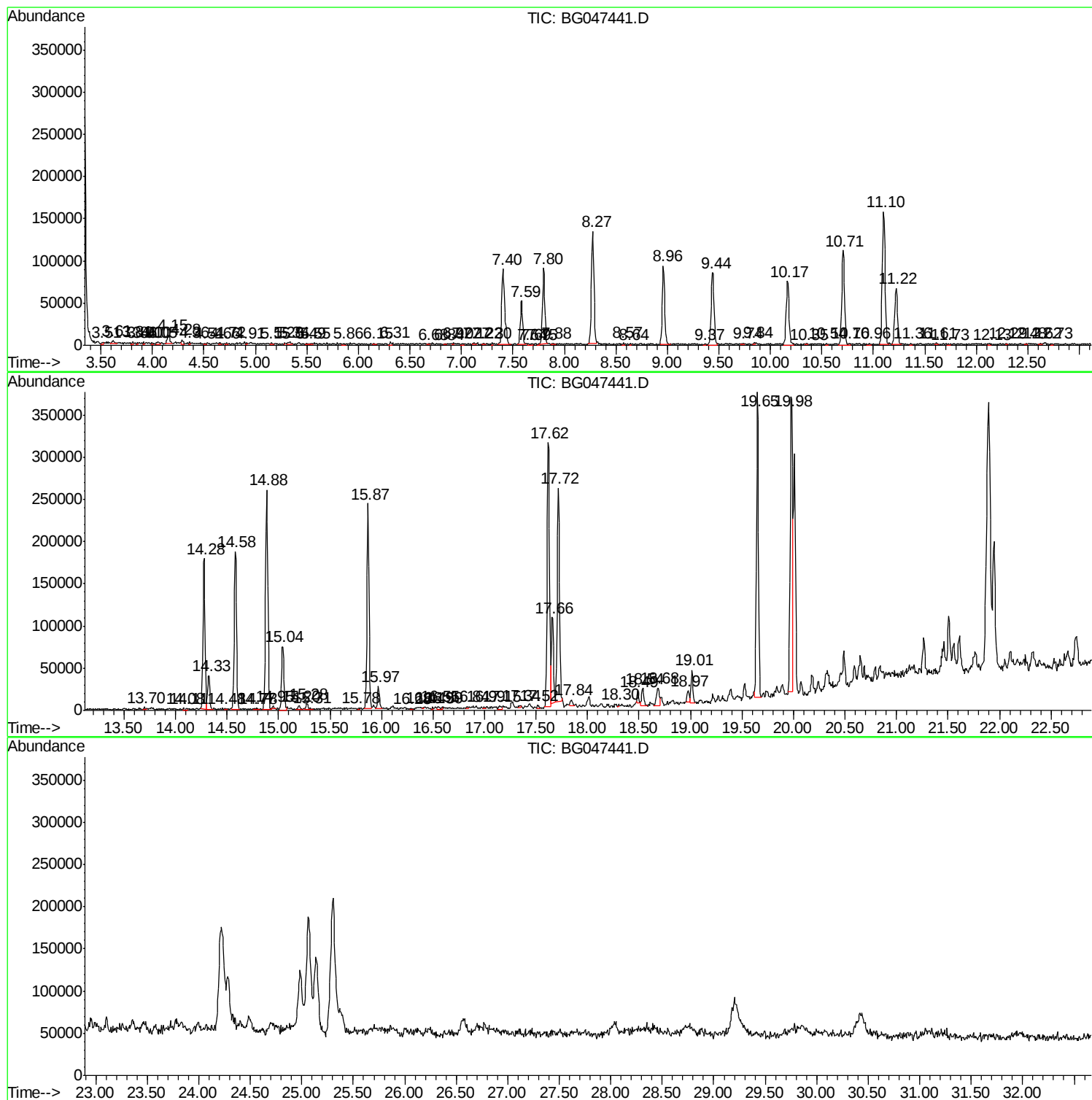
Sum of corrected areas: 5777407

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



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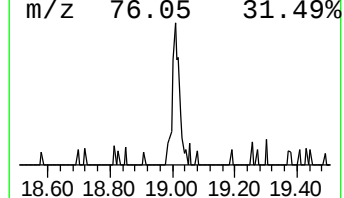
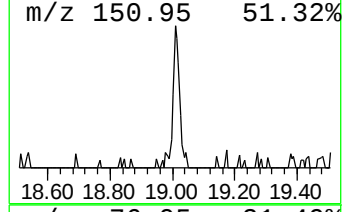
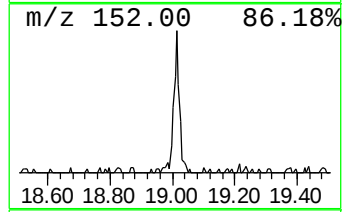
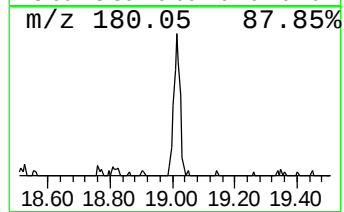
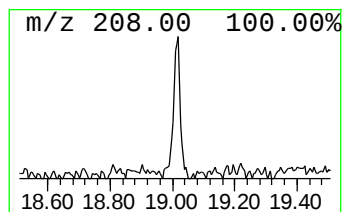
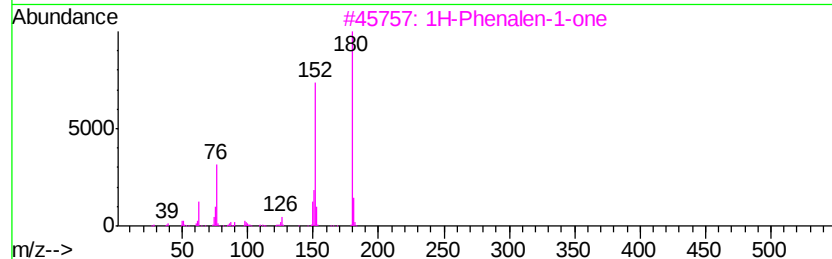
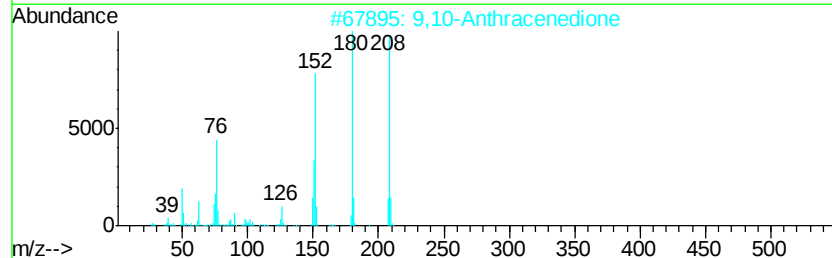
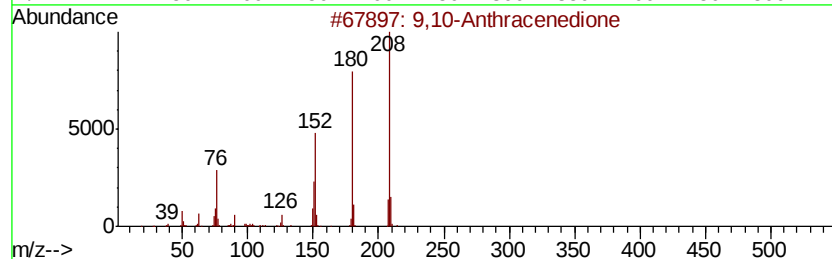
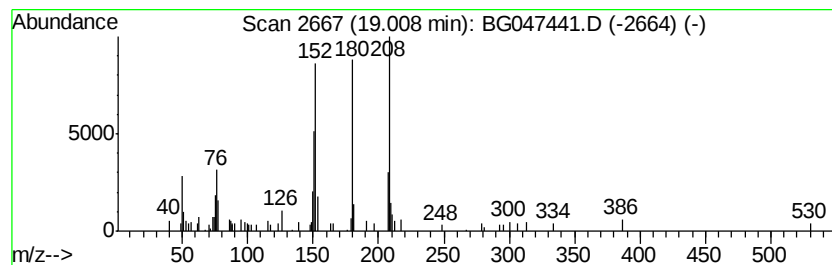
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.10 ng/ul	52938	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	68
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
9,10-Anthracenedione	19.01	2.1	ng/ul	52938	4	17.62	503975	20.0