

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056899.D
 Acq On : 9 Mar 2023 3:27
 Operator : CG/JU
 Sample : 01784-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCAD4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Title : SVOA CALIBRATION

Signal : TIC: BG056899.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.691	22	26	31	rVB	3692	4929	0.57%	0.068%
2	4.132	97	101	110	rBV	27329	44840	5.15%	0.622%
3	4.384	140	144	147	rBV3	1560	1794	0.21%	0.025%
4	7.539	674	681	689	rBB2	26322	45527	5.23%	0.632%
5	7.716	705	711	719	rBB	57551	94546	10.87%	1.312%
6	7.939	742	749	757	rBB	61758	99063	11.39%	1.375%
7	8.415	824	830	837	rVB	46189	78992	9.08%	1.096%
8	9.102	941	947	955	rBB	57571	98747	11.35%	1.370%
9	9.267	971	975	980	rBB3	4380	6984	0.80%	0.097%
10	9.513	1013	1017	1023	rBB2	1698	2465	0.28%	0.034%
11	9.590	1023	1030	1038	rBB	81592	141550	16.27%	1.964%
12	9.895	1078	1082	1086	rBB	2001	2161	0.25%	0.030%
13	10.318	1148	1154	1163	rVB	68417	120416	13.84%	1.671%
14	10.865	1239	1247	1256	rBB	99187	175793	20.21%	2.440%
15	11.258	1306	1314	1321	rBV	68046	121952	14.02%	1.692%
16	11.382	1327	1335	1343	rBB2	80781	148563	17.08%	2.062%
17	12.792	1570	1575	1582	rVB6	3792	7739	0.89%	0.107%
18	13.092	1621	1626	1631	rBB2	2189	3199	0.37%	0.044%
19	13.168	1635	1639	1644	rVB3	8639	11644	1.34%	0.162%
20	13.374	1670	1674	1675	rBV2	1976	1903	0.22%	0.026%
21	13.538	1699	1702	1707	rBV3	2692	3765	0.43%	0.052%
22	13.714	1727	1732	1736	rBV3	4987	6352	0.73%	0.088%
23	13.867	1752	1758	1767	rVB	16546	26357	3.03%	0.366%
24	14.414	1845	1851	1857	rBV	258031	373022	42.88%	5.177%
25	14.731	1898	1905	1913	rBV2	247393	391644	45.02%	5.435%
26	15.031	1950	1956	1962	rVB	131750	203541	23.40%	2.825%
27	15.095	1962	1967	1972	rVB2	5801	8034	0.92%	0.111%
28	15.154	1972	1977	1979	rBV	14637	21578	2.48%	0.299%
29	15.189	1979	1983	1991	rVB2	42782	67786	7.79%	0.941%
30	15.289	1996	2000	2006	rBV3	9408	13538	1.56%	0.188%
31	15.365	2010	2013	2016	rBV2	1443	1923	0.22%	0.027%
32	15.424	2016	2023	2029	rVB	70075	102938	11.83%	1.429%
33	15.724	2068	2074	2075	rBV2	1653	1922	0.22%	0.027%
34	15.788	2080	2085	2090	rBV2	3611	5674	0.65%	0.079%
35	16.018	2117	2124	2129	rBV	354256	548129	63.01%	7.607%
36	16.070	2129	2133	2136	rVV2	31479	50923	5.85%	0.707%

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37	16.117	2136	2141	2150	rVV2	180360	271115	31.17%	3.762%
38	16.206	2150	2156	2161	rVB3	5541	9787	1.13%	0.136%
39	16.259	2161	2165	2170	rVB	1781	1955	0.22%	0.027%
40	16.311	2171	2174	2177	rVV	1360	1812	0.21%	0.025%
41	16.352	2177	2181	2188	rVB4	5482	9731	1.12%	0.135%
42	16.494	2202	2205	2212	rVB3	3038	4870	0.56%	0.068%
43	16.599	2220	2223	2228	rVB2	1507	2328	0.27%	0.032%
44	16.699	2236	2240	2244	rBV3	3734	5886	0.68%	0.082%
45	16.740	2244	2247	2252	rVB	7772	11037	1.27%	0.153%
46	16.928	2269	2279	2286	rBV2	19171	34298	3.94%	0.476%
47	17.005	2286	2292	2297	rBV	31361	46152	5.31%	0.640%
48	17.228	2326	2330	2332	rBV3	3748	5319	0.61%	0.074%
49	17.251	2332	2334	2338	rVB3	2963	2970	0.34%	0.041%
50	17.345	2348	2350	2353	rVB	1443	1536	0.18%	0.021%
51	17.416	2353	2362	2370	rBV4	27303	48712	5.60%	0.676%
52	17.539	2378	2383	2388	rBV4	5671	8240	0.95%	0.114%
53	17.586	2388	2391	2395	rBV2	3190	3945	0.45%	0.055%
54	17.633	2397	2399	2402	rBV2	1616	1838	0.21%	0.026%
55	17.692	2406	2409	2414	rBV2	7661	10299	1.18%	0.143%
56	17.768	2414	2422	2428	rBV	191384	306855	35.28%	4.258%
57	17.868	2433	2439	2447	rVB	449045	674302	77.52%	9.358%
58	17.998	2459	2461	2462	rBV	1453	1396	0.16%	0.019%
59	18.051	2467	2470	2472	rBV3	2263	2671	0.31%	0.037%
60	18.121	2475	2482	2485	rVV2	9424	14475	1.66%	0.201%
61	18.162	2485	2489	2498	rVB	57579	91623	10.53%	1.272%
62	18.315	2510	2515	2520	rBV	12773	18432	2.12%	0.256%
63	18.397	2526	2529	2534	rVB4	2676	3826	0.44%	0.053%
64	18.509	2542	2548	2551	rBV3	3551	5584	0.64%	0.077%
65	18.609	2559	2565	2570	rVB4	10220	15150	1.74%	0.210%
66	18.691	2576	2579	2584	rVB5	7822	9783	1.12%	0.136%
67	18.744	2584	2588	2592	rVB3	3108	4738	0.54%	0.066%
68	18.838	2600	2604	2608	rVB2	7122	9910	1.14%	0.138%
69	18.891	2610	2613	2619	rVV2	4093	6018	0.69%	0.084%
70	18.938	2619	2621	2625	rVB4	2635	2730	0.31%	0.038%
71	18.985	2625	2629	2631	rBV2	1177	1557	0.18%	0.022%
72	19.055	2639	2641	2643	rBV2	1965	2002	0.23%	0.028%
73	19.290	2677	2681	2685	rBV2	1023	1504	0.17%	0.021%
74	19.455	2705	2709	2712	rBV4	2056	2895	0.33%	0.040%
75	19.613	2732	2736	2737	rBV	1393	1398	0.16%	0.019%
76	19.672	2743	2746	2747	rBV2	1731	1966	0.23%	0.027%

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77	19.696	2747	2750	2756	rVV5	6670	11081	1.27%	0.154%
78	19.766	2757	2762	2765	rVV2	5877	10145	1.17%	0.141%
79	19.801	2765	2768	2773	rVB2	7975	11527	1.33%	0.160%
80	19.860	2775	2778	2782	rVV5	3089	5133	0.59%	0.071%
81	20.007	2800	2803	2806	rVB4	2494	3096	0.36%	0.043%
82	20.136	2818	2825	2835	rBV	603475	869862	100.00%	12.072%
83	20.377	2865	2866	2871	rVB3	2467	2609	0.30%	0.036%
84	20.430	2871	2875	2876	rBV3	1793	1805	0.21%	0.025%
85	20.524	2888	2891	2895	rVB4	4169	5746	0.66%	0.080%
86	20.577	2897	2900	2907	rVB4	11638	17884	2.06%	0.248%
87	21.423	3042	3044	3046	rBV3	1746	1444	0.17%	0.020%
88	21.664	3081	3085	3090	rVB6	7961	14124	1.62%	0.196%
89	22.093	3150	3158	3166	rBV2	200513	346483	39.83%	4.808%
90	23.685	3425	3429	3432	rVB4	3433	4704	0.54%	0.065%
91	23.726	3434	3436	3437	rBV2	2610	1763	0.20%	0.024%
92	23.897	3460	3465	3470	rVB3	10713	21499	2.47%	0.298%
93	24.249	3523	3525	3527	rBV3	1945	2070	0.24%	0.029%
94	25.401	3709	3721	3735	rVB2	280253	825799	94.93%	11.460%
95	25.642	3751	3762	3776	rVB2	110901	339403	39.02%	4.710%
96	26.294	3871	3873	3875	rBV3	1546	1501	0.17%	0.021%
97	27.545	4084	4086	4087	rBV2	2044	1583	0.18%	0.022%
98	27.816	4130	4132	4135	rBV4	2095	2385	0.27%	0.033%
99	28.062	4172	4174	4177	rBV3	2040	2102	0.24%	0.029%
100	28.938	4321	4323	4325	rBV2	1760	1467	0.17%	0.020%

Sum of corrected areas: 7205793

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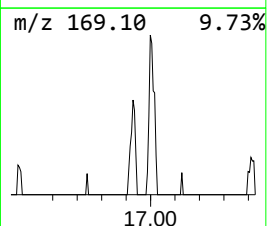
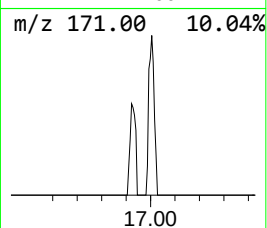
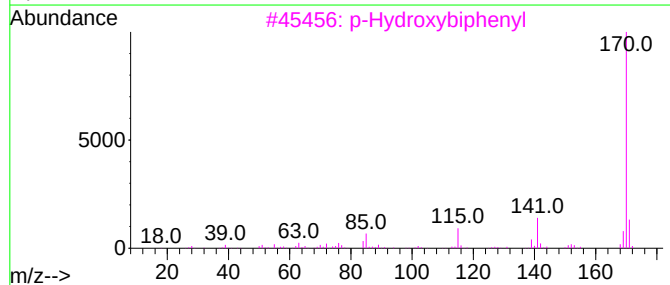
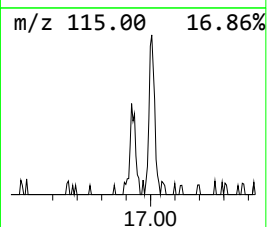
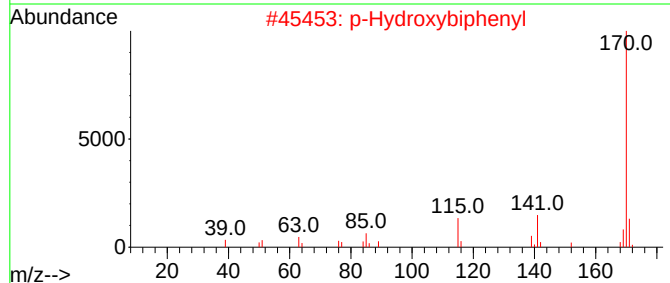
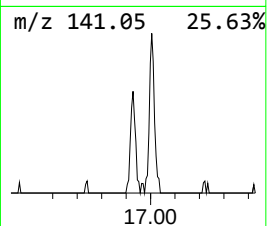
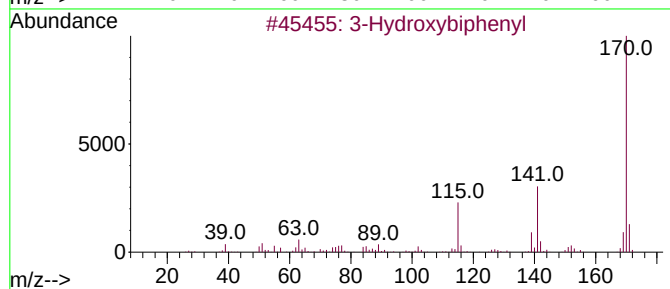
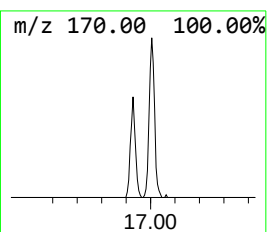
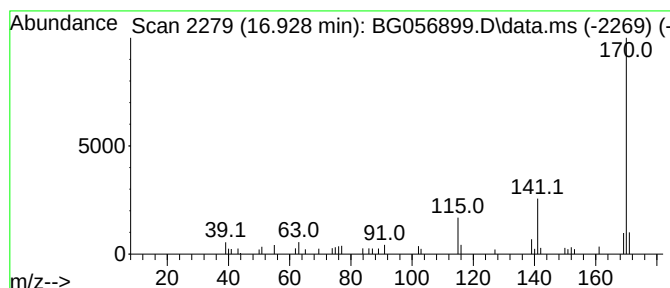
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Hydroxybiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.928	2.24 ng/ul	34298	Phenanthrene-d10	17.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hydroxybiphenyl	170	C12H10O	000580-51-8	87
2			p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87
3			p-Hydroxybiphenyl	170	C12H10O	000092-69-3	83
4			3-Hydroxybiphenyl	170	C12H10O	000580-51-8	83
5			p-Hydroxybiphenyl	170	C12H10O	000092-69-3	81



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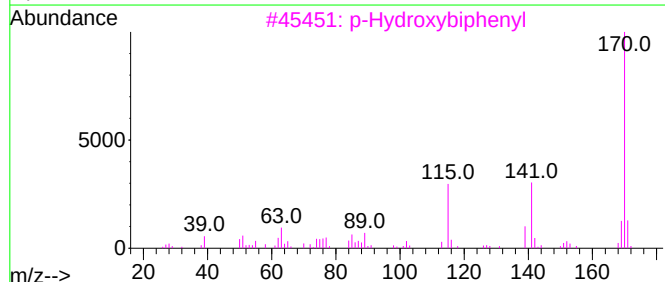
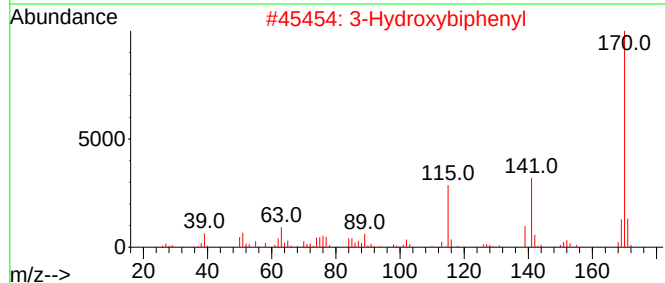
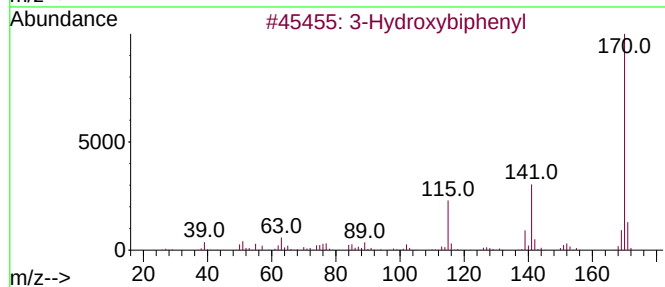
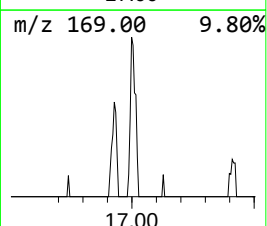
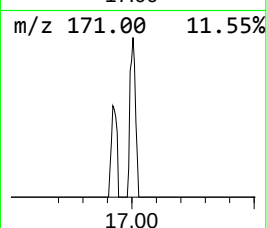
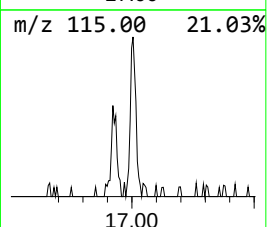
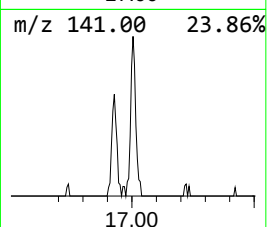
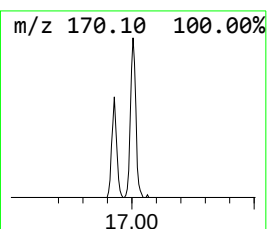
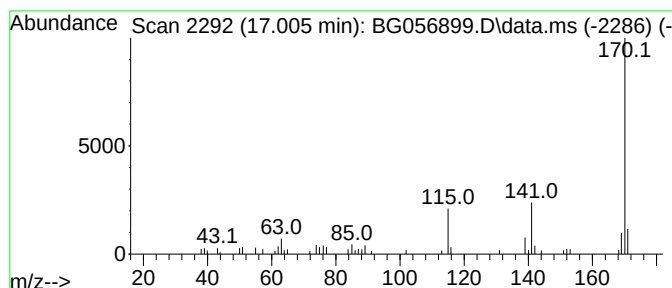
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 p-Hydroxybiphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.005	3.01 ng/ul	46152	Phenanthrene-d10	17.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hydroxybiphenyl	170	C12H10O	000580-51-8	95
2		3-Hydroxybiphenyl	170	C12H10O	000580-51-8	95
3		p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
4		p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
5		3-Hydroxybiphenyl	170	C12H10O	000580-51-8	93



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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Hydroxybiphenyl	16.928	2.2	ng/u1	34298	4	17.769	306855	20.0
p-Hydroxybiphenyl	17.005	3.0	ng/u1	46152	4	17.769	306855	20.0