

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
 Data File : BG021893.D
 Acq On : 15 May 2016 14:55
 Operator : UM/SJ
 Sample : H3096-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG0

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.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	3.545	115	120	129	rVB4	5120	11417	0.78%	0.074%
2	4.080	207	211	218	rVB4	2633	4561	0.31%	0.030%
3	4.309	246	250	255	rVB4	1670	2421	0.16%	0.016%
4	7.311	754	761	775	rBV	67476	137756	9.38%	0.896%
5	7.481	783	790	803	rBV	68149	137037	9.33%	0.891%
6	7.693	819	826	837	rBV2	84485	170190	11.59%	1.107%
7	8.169	899	907	917	rVV	104101	210982	14.37%	1.372%
8	8.862	1015	1025	1038	rBV	76528	158331	10.78%	1.029%
9	9.332	1097	1105	1114	rBV	73483	160862	10.96%	1.046%
10	9.420	1116	1120	1128	rVB4	6127	12097	0.82%	0.079%
11	10.061	1222	1229	1237	rBV	60385	124783	8.50%	0.811%
12	10.601	1314	1321	1336	rBV	117235	245198	16.70%	1.594%
13	10.983	1376	1386	1399	rBV	192226	405687	27.63%	2.638%
14	11.118	1401	1409	1420	rBV	85381	194512	13.25%	1.265%
15	12.558	1649	1654	1658	rBV2	2990	5232	0.36%	0.034%
16	12.628	1662	1666	1675	rVB3	3040	5729	0.39%	0.037%
17	12.846	1698	1703	1709	rBV4	2715	5096	0.35%	0.033%
18	13.316	1777	1783	1786	rVB3	1346	2211	0.15%	0.014%
19	13.392	1792	1796	1799	rBV2	2323	3248	0.22%	0.021%
20	13.592	1828	1830	1834	rVV4	2405	3643	0.25%	0.024%
21	13.668	1838	1843	1849	rVB4	6851	10815	0.74%	0.070%
22	14.038	1901	1906	1911	rBV3	2438	4851	0.33%	0.032%
23	14.109	1913	1918	1924	rVV3	4526	6993	0.48%	0.045%
24	14.185	1924	1931	1935	rVV	300437	482354	32.85%	3.136%
25	14.232	1935	1939	1946	rVV	120090	191459	13.04%	1.245%
26	14.485	1974	1982	1994	rBV	386346	690894	47.05%	4.492%
27	14.661	2006	2012	2017	rBV3	11626	17348	1.18%	0.113%
28	14.743	2021	2026	2027	rBV5	1961	2849	0.19%	0.019%
29	14.790	2027	2034	2041	rBV2	355940	636276	43.33%	4.137%
30	14.855	2041	2045	2051	rVB	18804	30862	2.10%	0.201%
31	14.931	2051	2058	2061	rBV3	2008	3196	0.22%	0.021%
32	14.984	2061	2067	2071	rBV	31605	70453	4.80%	0.458%
33	15.037	2071	2076	2085	rVB	88205	166995	11.37%	1.086%
34	15.178	2097	2100	2109	rVB4	9428	20410	1.39%	0.133%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	15.349	2126	2129	2132	rVB3	2504	3372	0.23%	0.022%
36	15.390	2134	2136	2139	rBV3	3227	3728	0.25%	0.024%
37	15.566	2162	2166	2170	rVV5	6011	10049	0.68%	0.065%
38	15.607	2170	2173	2180	rVV	19523	29230	1.99%	0.190%
39	15.660	2180	2182	2186	rVB5	1531	2101	0.14%	0.014%
40	15.778	2192	2202	2208	rBV	531302	898936	61.22%	5.845%
41	15.830	2208	2211	2216	rVV2	19015	32147	2.19%	0.209%
42	15.889	2216	2221	2229	rVV	82388	138896	9.46%	0.903%
43	16.013	2236	2242	2248	rVB8	14193	26408	1.80%	0.172%
44	16.118	2256	2260	2264	rVB3	6654	9848	0.67%	0.064%
45	16.230	2277	2279	2283	rVB4	2076	2492	0.17%	0.016%
46	16.277	2283	2287	2291	rBV4	4522	8270	0.56%	0.054%
47	16.412	2306	2310	2312	rBV3	2655	3312	0.23%	0.022%
48	16.471	2315	2320	2333	rBV3	25838	62010	4.22%	0.403%
49	16.630	2345	2347	2349	rVV3	2454	2525	0.17%	0.016%
50	16.659	2349	2352	2355	rVB5	3675	4048	0.28%	0.026%
51	16.741	2363	2366	2370	rVB4	2877	4185	0.29%	0.027%
52	16.806	2373	2377	2378	rVV2	5736	6601	0.45%	0.043%
53	16.818	2378	2379	2380	rVV	7562	4575	0.31%	0.030%
54	16.841	2380	2383	2385	rVV4	7423	9119	0.62%	0.059%
55	16.882	2388	2390	2393	rVB4	3376	3823	0.26%	0.025%
56	16.988	2403	2408	2413	rVB7	7544	13220	0.90%	0.086%
57	17.053	2413	2419	2420	rBV4	6027	9131	0.62%	0.059%
58	17.182	2436	2441	2448	rVB6	21401	36775	2.50%	0.239%
59	17.264	2449	2455	2459	rBV2	25953	40773	2.78%	0.265%
60	17.311	2461	2463	2467	rVV5	6079	8496	0.58%	0.055%
61	17.352	2467	2470	2476	rVB	9513	14562	0.99%	0.095%
62	17.405	2476	2479	2482	rVB4	3917	3326	0.23%	0.022%
63	17.464	2486	2489	2492	rBV5	3187	3676	0.25%	0.024%
64	17.534	2494	2501	2505	rBV2	464270	837533	57.04%	5.446%
65	17.575	2505	2508	2512	rVV	252489	381892	26.01%	2.483%
66	17.628	2512	2517	2530	rVB2	527341	1022527	69.64%	6.648%
67	17.799	2542	2546	2549	rBV5	4812	4880	0.33%	0.032%
68	17.852	2553	2555	2556	rBV2	3095	2100	0.14%	0.014%
69	17.934	2562	2569	2576	rBV3	24983	52363	3.57%	0.340%
70	17.998	2577	2580	2584	rVB4	13606	18110	1.23%	0.118%
71	18.051	2586	2589	2592	rVV5	7484	8391	0.57%	0.055%

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72	18.110	2595	2599	2604	rVB8	9137	13892	0.95%	0.090%
73	18.169	2607	2609	2611	rBV3	3048	3343	0.23%	0.022%
74	18.257	2623	2624	2625	rBV	4109	2209	0.15%	0.014%
75	18.328	2633	2636	2639	rBV5	4302	4820	0.33%	0.031%
76	18.404	2644	2649	2653	rBV2	38244	64177	4.37%	0.417%
77	18.451	2653	2657	2664	rVB3	41090	73868	5.03%	0.480%
78	18.533	2668	2671	2676	rVB3	14840	20832	1.42%	0.135%
79	18.598	2676	2682	2687	rBV3	53770	116194	7.91%	0.755%
80	18.692	2695	2698	2699	rBV3	8465	9206	0.63%	0.060%
81	18.897	2729	2733	2737	rBV	24615	38127	2.60%	0.248%
82	18.944	2737	2741	2745	rVB2	15492	24326	1.66%	0.158%
83	19.138	2771	2774	2780	rBV7	12864	22151	1.51%	0.144%
84	19.315	2799	2804	2809	rBV2	25226	44776	3.05%	0.291%
85	19.456	2824	2828	2834	rVB2	26355	52078	3.55%	0.339%
86	19.573	2842	2848	2854	rVB	495750	757985	51.62%	4.928%
87	19.667	2862	2864	2869	rVB5	17397	24243	1.65%	0.158%
88	19.908	2898	2905	2909	rBV2	760620	1468350	100.00%	9.547%
89	20.002	2919	2921	2927	rVB3	26387	33553	2.29%	0.218%
90	20.249	2959	2963	2964	rBV2	29624	37442	2.55%	0.243%
91	20.425	2989	2993	2998	rVB	60436	97307	6.63%	0.633%
92	20.525	3007	3010	3013	rBV2	28770	34341	2.34%	0.223%
93	21.195	3121	3124	3131	rVB2	38579	61218	4.17%	0.398%
94	21.430	3161	3164	3168	rVB2	51936	68238	4.65%	0.444%
95	21.812	3221	3229	3235	rBV2	533136	1392155	94.81%	9.052%
96	21.865	3235	3238	3247	rVB	184993	324757	22.12%	2.112%
97	24.091	3609	3617	3624	rBV2	150871	509794	34.72%	3.315%
98	24.838	3738	3744	3750	rBV2	69563	189183	12.88%	1.230%
99	24.920	3750	3758	3765	rVV2	282776	779918	53.12%	5.071%
100	25.149	3787	3797	3808	rBV	313902	1051263	71.59%	6.835%

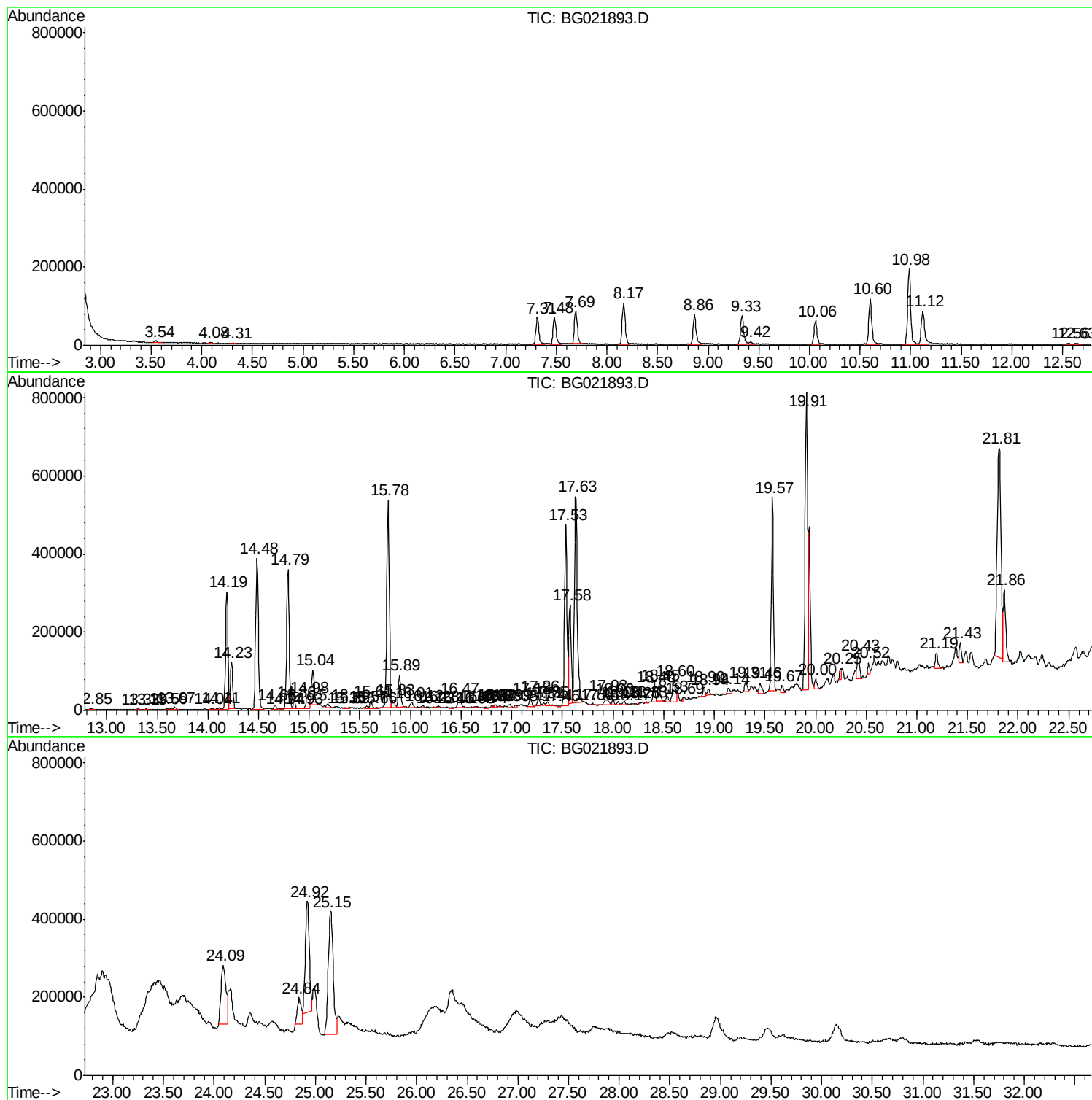
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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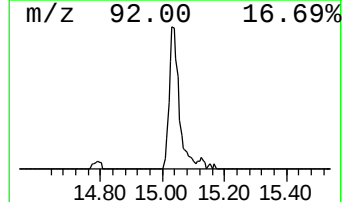
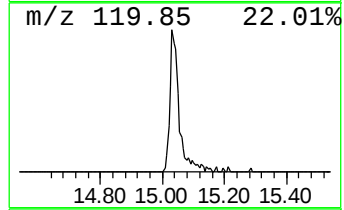
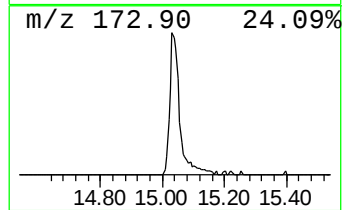
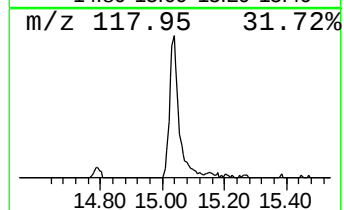
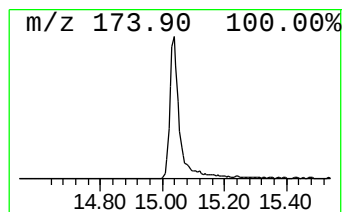
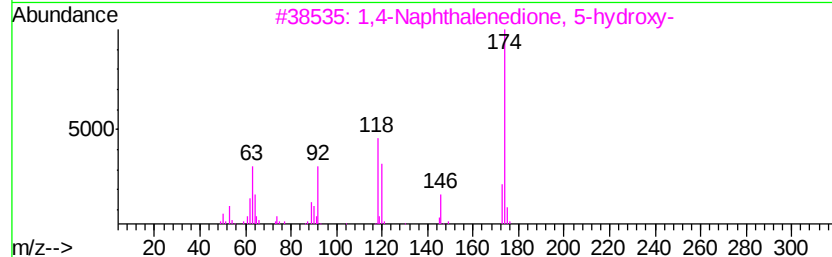
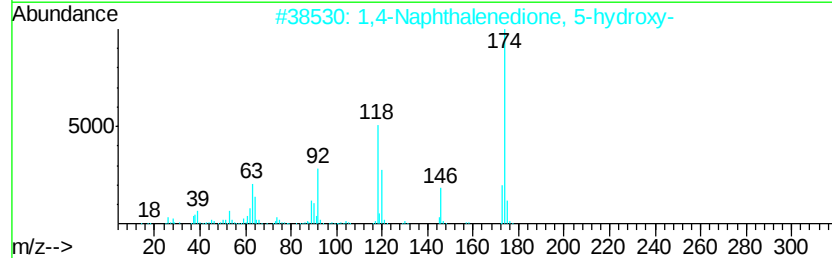
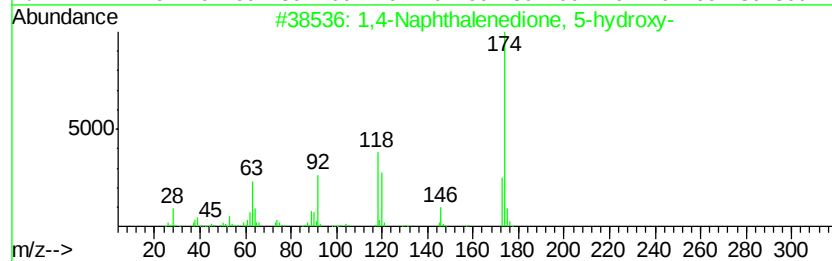
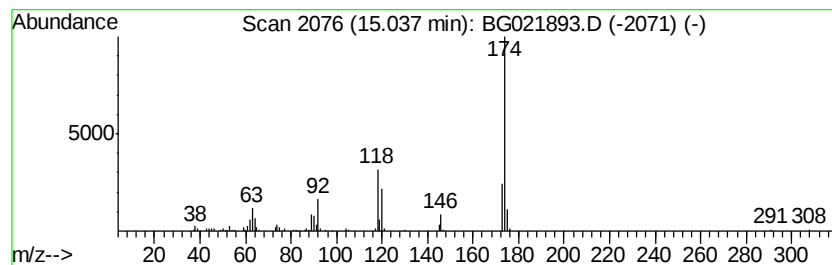
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1,4-Naphthalenedione, 5-hyd... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.04	5.25 ng/ul	166995	Acenaphthene-d10	14.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	95
2	1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	94
3	1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	91
4	4(1H)-Pyrimidinone, 5-bromo-	174	C4H3BrN2O	019808-30-1	50
5	Acetic acid, 5,8-dihydro-5,8-dio...	216	C12H8O4	005196-28-1	50



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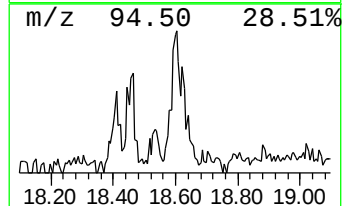
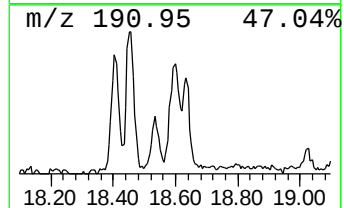
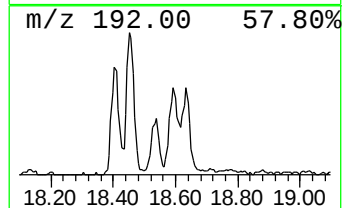
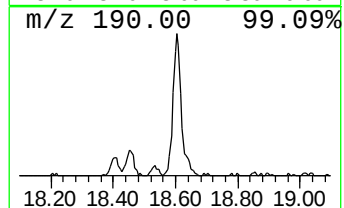
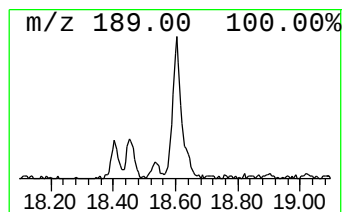
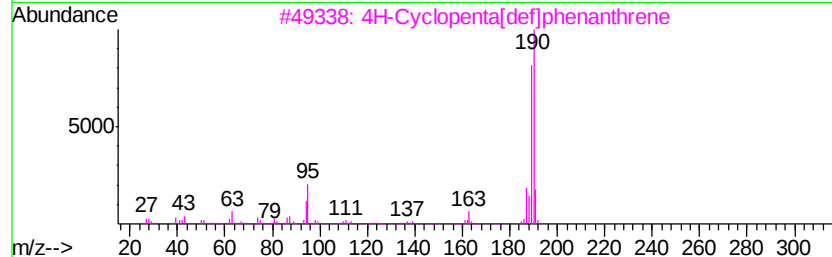
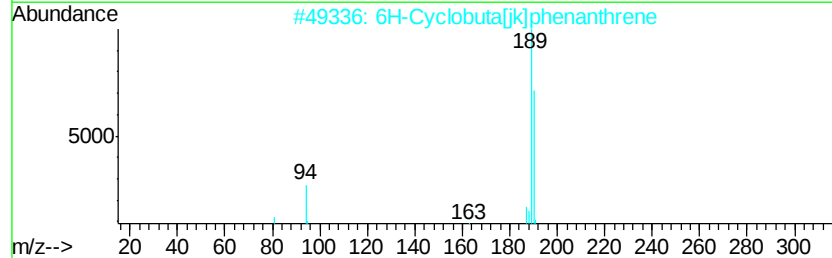
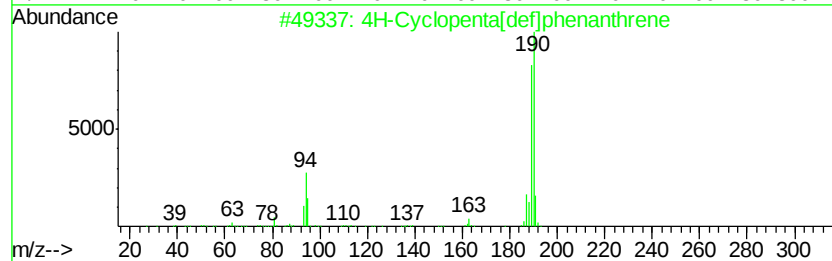
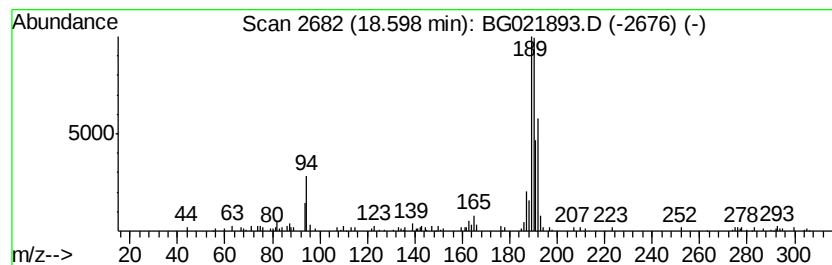
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.77 ng/ul	116194	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	11



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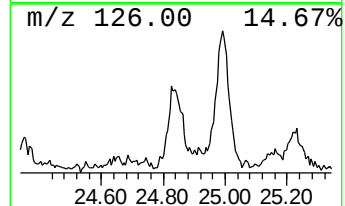
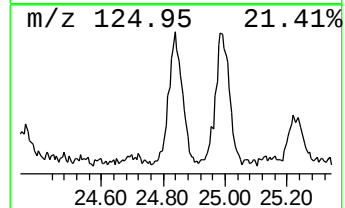
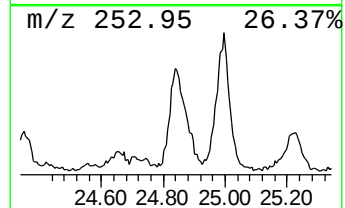
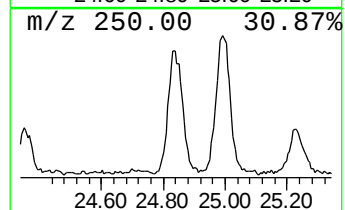
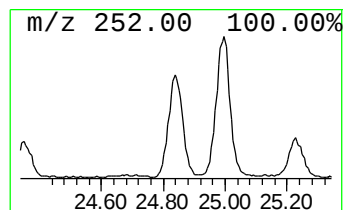
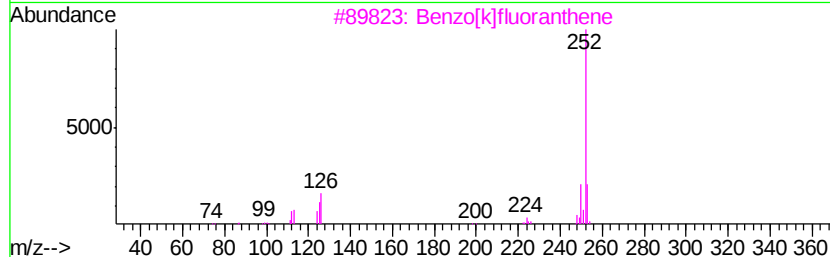
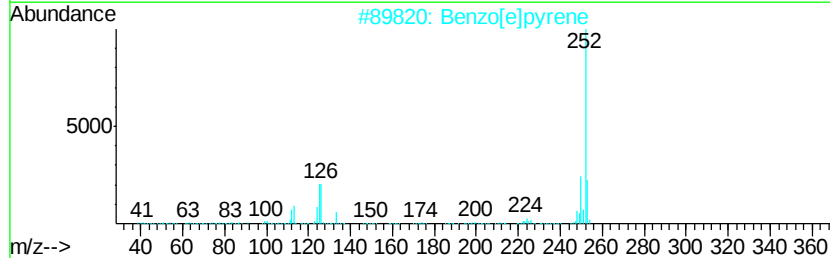
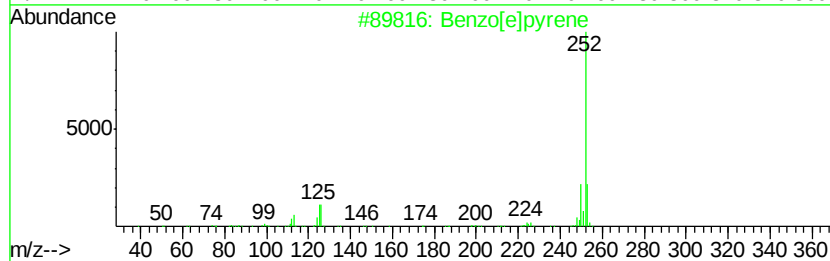
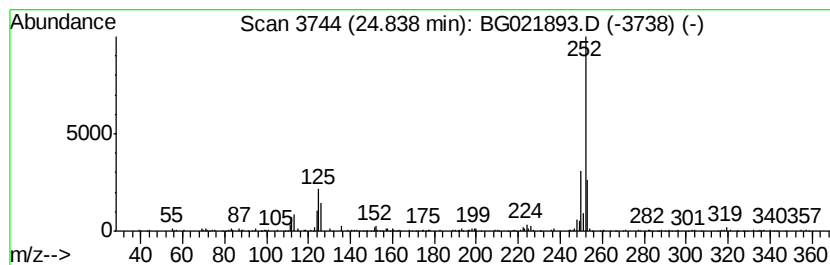
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.84	3.60 ng/ul	189183	Perylene-d12	25.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[e]pyrene	252	C20H12	000192-97-2	91
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021893.D
Acq On : 15 May 2016 14:55
Operator : UM/SJ
Sample : H3096-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,4-Naphthalenedi...	15.04	5.3	ng/ul	166995	3	14.79	636276	20.0
4H-Cyclopenta[def...	18.60	2.8	ng/ul	116194	4	17.53	837533	20.0
Benzo[e]pyrene	24.84	3.6	ng/ul	189183	6	25.15	1051260	20.0