

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021873.D
 Acq On : 12 May 2016 17:54
 Operator : UM/SJ
 Sample : H2936-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK0

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	3.281	71	75	79	rVB	8145	9994	0.43%	0.035%
2	3.551	117	121	125	rBV	7550	10272	0.45%	0.036%
3	4.086	208	212	218	rBV6	3602	6123	0.27%	0.021%
4	7.317	754	762	775	rBV	133991	279409	12.15%	0.978%
5	7.488	783	791	803	rVV	118453	232533	10.11%	0.814%
6	7.699	819	827	839	rBV	158897	320245	13.93%	1.121%
7	8.175	896	908	918	rBV	138079	284865	12.39%	0.997%
8	8.869	1019	1026	1038	rBV	216222	434404	18.89%	1.520%
9	9.339	1098	1106	1120	rVV	133849	291695	12.69%	1.021%
10	10.067	1221	1230	1242	rBV	120450	265098	11.53%	0.928%
11	10.608	1313	1322	1343	rBV	233331	493218	21.45%	1.726%
12	10.990	1379	1387	1395	rBV	283546	579895	25.22%	2.029%
13	11.125	1402	1410	1427	rBV	162926	384642	16.73%	1.346%
14	11.988	1552	1557	1562	rVB3	4820	7488	0.33%	0.026%
15	12.376	1618	1623	1628	rVB3	4900	8061	0.35%	0.028%
16	12.488	1639	1642	1649	rVB3	3572	7254	0.32%	0.025%
17	12.564	1649	1655	1661	rVV3	4368	7907	0.34%	0.028%
18	12.635	1661	1667	1675	rVB	11263	20717	0.90%	0.073%
19	12.852	1697	1704	1712	rBV2	8576	16988	0.74%	0.059%
20	13.604	1824	1832	1839	rVV8	8819	23495	1.02%	0.082%
21	13.675	1839	1844	1851	rVV6	8318	18166	0.79%	0.064%
22	13.968	1892	1894	1900	rVB5	4310	6886	0.30%	0.024%
23	14.121	1913	1920	1925	rBV4	10791	20450	0.89%	0.072%
24	14.192	1925	1932	1937	rVV	481996	795827	34.61%	2.785%
25	14.239	1937	1940	1947	rVV	94967	154456	6.72%	0.541%
26	14.350	1955	1959	1967	rVB6	5038	12977	0.56%	0.045%
27	14.491	1975	1983	1997	rBV	614514	1124489	48.91%	3.935%
28	14.668	2009	2013	2020	rVB	27468	39707	1.73%	0.139%
29	14.797	2022	2035	2042	rBV2	542916	971809	42.27%	3.401%
30	14.862	2042	2046	2051	rVB	27267	49689	2.16%	0.174%
31	14.920	2051	2056	2060	rBV3	8446	15639	0.68%	0.055%
32	14.985	2060	2067	2071	rBV	100231	197234	8.58%	0.690%
33	15.044	2071	2077	2096	rVV	650212	1303959	56.71%	4.563%
34	15.167	2096	2098	2099	rVV2	11765	12144	0.53%	0.043%

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35	15.191	2099	2102	2108	rVV2	20423	38676	1.68%	0.135%
36	15.261	2111	2114	2116	rVV4	5101	6749	0.29%	0.024%
37	15.279	2116	2117	2126	rVB8	9128	15210	0.66%	0.053%
38	15.355	2126	2130	2135	rVB4	5743	8030	0.35%	0.028%
39	15.402	2135	2138	2142	rBV5	5179	9400	0.41%	0.033%
40	15.578	2162	2168	2170	rBV4	8151	12361	0.54%	0.043%
41	15.619	2170	2175	2180	rVB	41747	61598	2.68%	0.216%
42	15.672	2180	2184	2189	rBV7	3905	7607	0.33%	0.027%
43	15.784	2192	2203	2209	rBV	811039	1436780	62.49%	5.028%
44	15.837	2209	2212	2218	rVB2	28379	46201	2.01%	0.162%
45	15.901	2218	2223	2232	rBV	51561	113733	4.95%	0.398%
46	16.019	2236	2243	2248	rVB6	20998	42786	1.86%	0.150%
47	16.119	2257	2260	2266	rVB7	7999	15918	0.69%	0.056%
48	16.272	2284	2286	2291	rVB3	4146	6119	0.27%	0.021%
49	16.477	2316	2321	2323	rBV2	44534	64207	2.79%	0.225%
50	16.812	2372	2378	2379	rBV6	9322	14190	0.62%	0.050%
51	16.883	2388	2390	2393	rVB4	5802	6499	0.28%	0.023%
52	16.983	2404	2407	2412	rVB4	7171	10570	0.46%	0.037%
53	17.053	2415	2419	2424	rBV7	6243	14653	0.64%	0.051%
54	17.194	2438	2443	2449	rVV2	24243	48637	2.12%	0.170%
55	17.270	2451	2456	2461	rVV3	34714	61957	2.69%	0.217%
56	17.323	2461	2465	2467	rVV4	11113	19538	0.85%	0.068%
57	17.359	2468	2471	2477	rVB2	19616	30844	1.34%	0.108%
58	17.541	2494	2502	2506	rBV2	649393	1117321	48.60%	3.910%
59	17.582	2506	2509	2513	rVV	321033	493227	21.45%	1.726%
60	17.641	2513	2519	2531	rVV2	758501	1477453	64.26%	5.171%
61	17.735	2531	2535	2543	rVV6	13725	36550	1.59%	0.128%
62	17.811	2543	2548	2554	rVV9	6631	17584	0.76%	0.062%
63	17.899	2558	2563	2564	rVV4	20491	28550	1.24%	0.100%
64	17.940	2565	2570	2577	rVV2	50786	104631	4.55%	0.366%
65	18.011	2577	2582	2585	rVV4	15214	26160	1.14%	0.092%
66	18.058	2587	2590	2593	rVV5	6802	7824	0.34%	0.027%
67	18.111	2594	2599	2604	rVB7	21534	35512	1.54%	0.124%
68	18.410	2645	2650	2654	rBV	50807	101717	4.42%	0.356%
69	18.457	2654	2658	2666	rVB2	55198	106865	4.65%	0.374%
70	18.545	2668	2673	2676	rVB3	15249	22466	0.98%	0.079%
71	18.604	2677	2683	2688	rBV3	61119	128528	5.59%	0.450%

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72	18.698	2694	2699	2705	rBV4	21964	36807	1.60%	0.129%
73	18.751	2705	2708	2713	rVV7	7382	10990	0.48%	0.038%
74	18.904	2729	2734	2738	rBV	28126	48164	2.09%	0.169%
75	18.951	2738	2742	2746	rVB4	14785	23526	1.02%	0.082%
76	19.151	2763	2776	2781	rBV4	34262	115876	5.04%	0.406%
77	19.315	2800	2804	2809	rBV2	32808	48819	2.12%	0.171%
78	19.456	2824	2828	2836	rBV2	20353	40725	1.77%	0.143%
79	19.580	2843	2849	2856	rVB	716651	1140220	49.59%	3.990%
80	19.674	2861	2865	2871	rBV5	31781	60525	2.63%	0.212%
81	19.914	2899	2906	2909	rBV	1074880	1899515	82.62%	6.648%
82	20.179	2947	2951	2957	rVB	41911	64540	2.81%	0.226%
83	20.261	2960	2965	2971	rVV3	41610	95450	4.15%	0.334%
84	20.426	2983	2993	2999	rBV	133310	291546	12.68%	1.020%
85	20.525	3006	3010	3014	rBV2	92160	143500	6.24%	0.502%
86	20.731	3041	3045	3048	rBV2	40779	59383	2.58%	0.208%
87	21.195	3122	3124	3130	rVB	44603	68546	2.98%	0.240%
88	21.389	3153	3157	3161	rBV	73555	119819	5.21%	0.419%
89	21.436	3161	3165	3169	rVV2	106918	154254	6.71%	0.540%
90	21.483	3170	3173	3179	rVB2	48567	83662	3.64%	0.293%
91	21.689	3204	3208	3215	rVB2	100607	162811	7.08%	0.570%
92	21.818	3222	3230	3236	rBV3	845708	2299156	100.00%	8.046%
93	21.871	3236	3239	3252	rVB	471422	855511	37.21%	2.994%
94	22.024	3263	3265	3272	rVB	66752	105401	4.58%	0.369%
95	22.247	3297	3303	3309	rVB2	78344	172412	7.50%	0.603%
96	24.104	3609	3619	3627	rBV2	466574	1684877	73.28%	5.897%
97	24.856	3738	3747	3753	rBV2	254605	823814	35.83%	2.883%
98	24.938	3754	3761	3767	rVV2	460630	1406577	61.18%	4.923%
99	25.008	3768	3773	3785	rVB	364659	1022638	44.48%	3.579%
100	25.167	3790	3800	3808	rBV2	405258	1330398	57.86%	4.656%

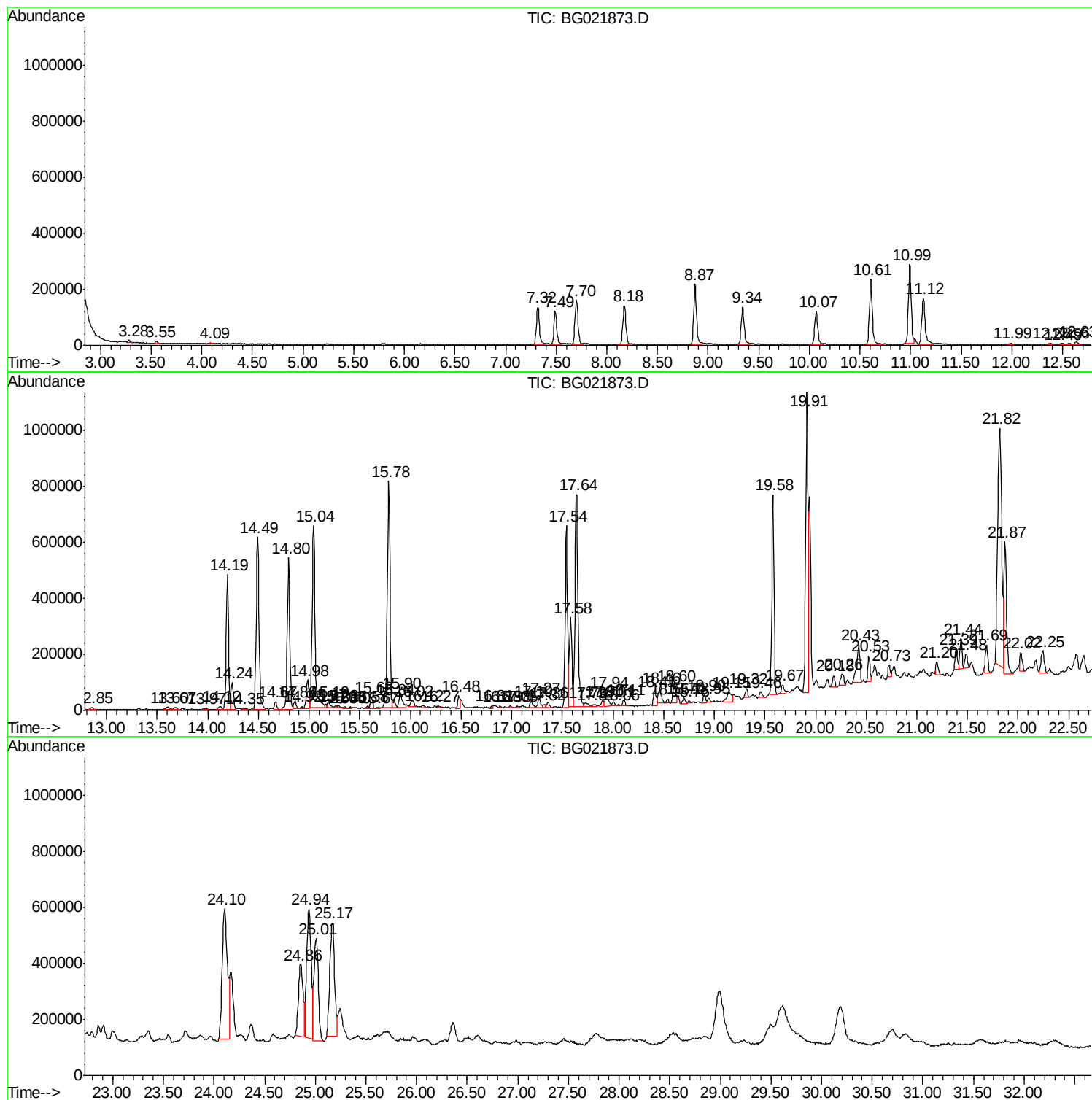
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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



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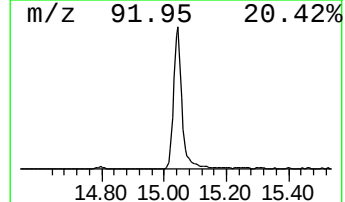
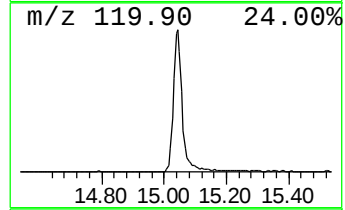
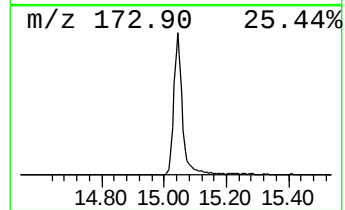
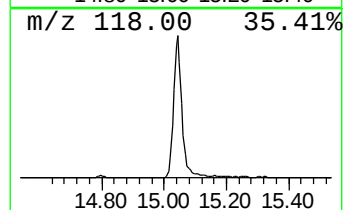
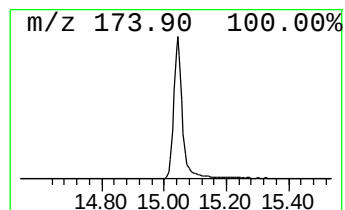
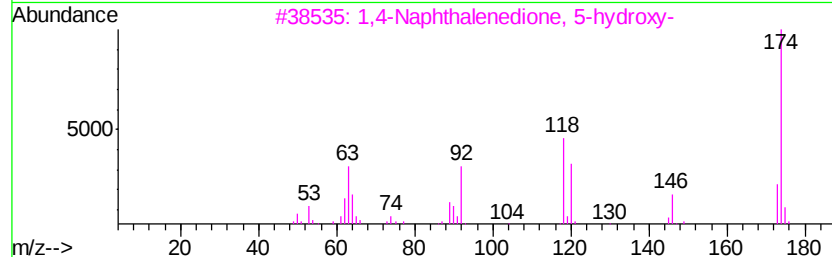
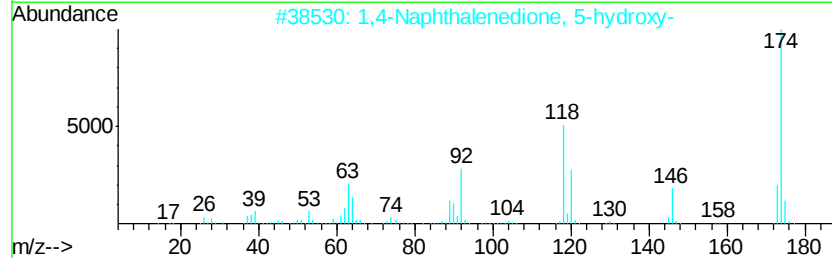
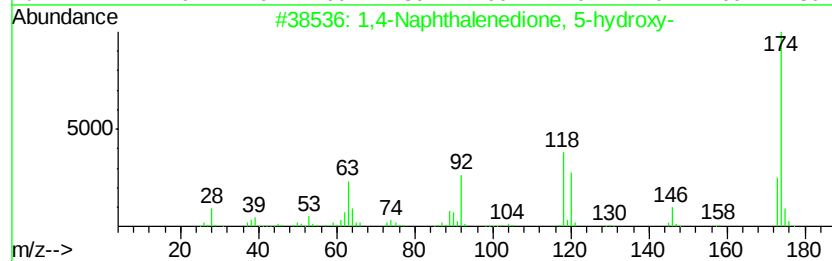
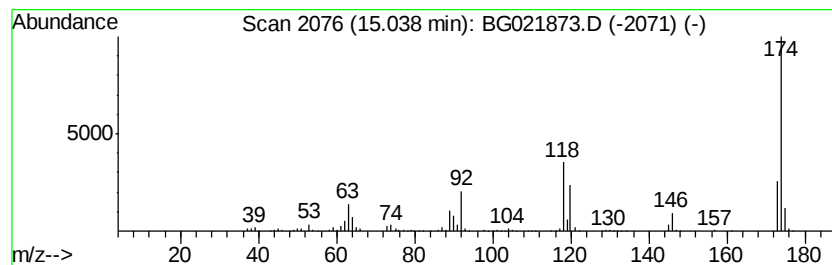
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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	26.84 ng/ul	1303960	Acenaphthene-d10	14.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	96
2			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	91
3			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	86
4			2-(1-Methyl-1H-1,2,4-triazol-3-y...	174	C9H10N4	038154-38-0	47
5			2,3-Dimethylchromone	174	C11H10O2	017584-90-6	43



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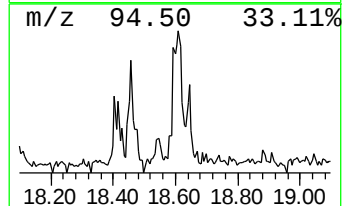
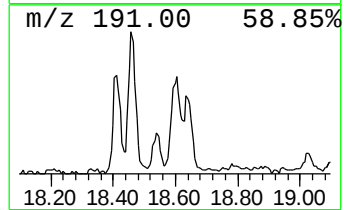
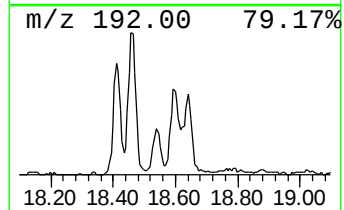
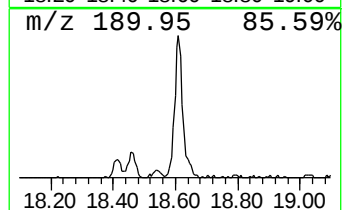
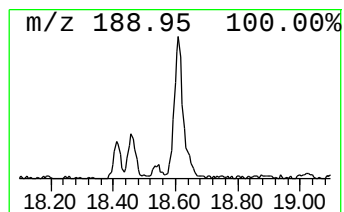
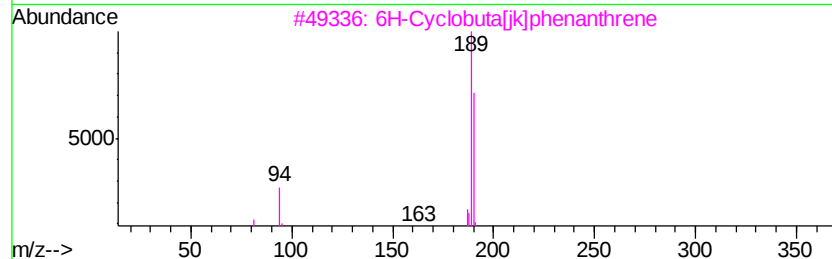
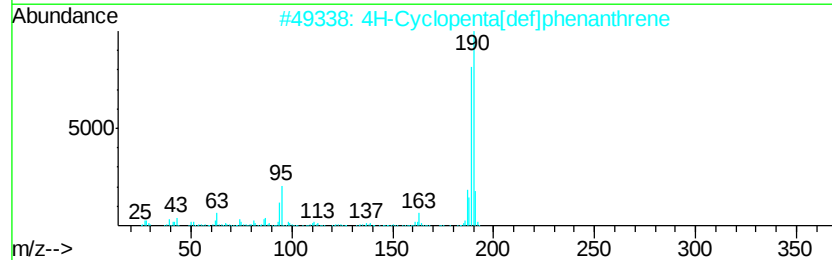
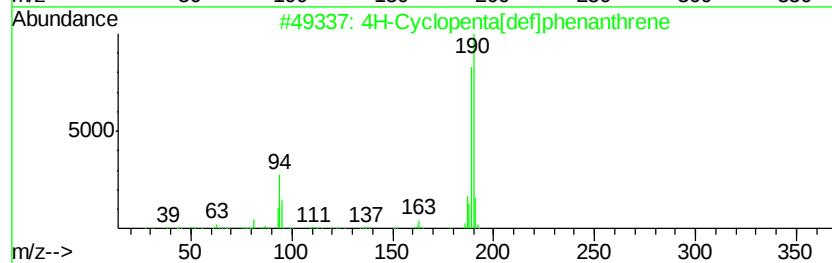
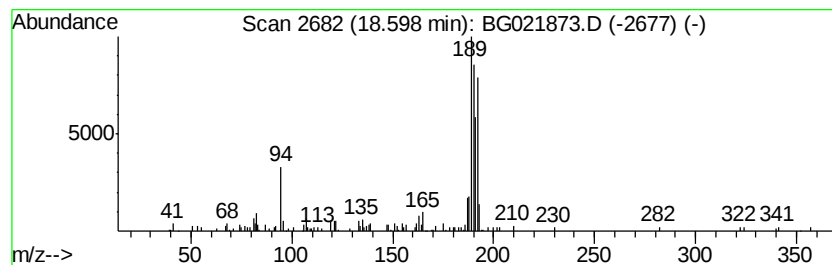
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.60	2.30 ng/ul	128528	Phenanthrene-d10	17.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50



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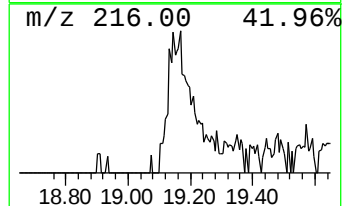
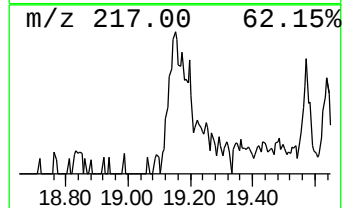
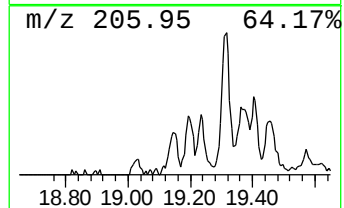
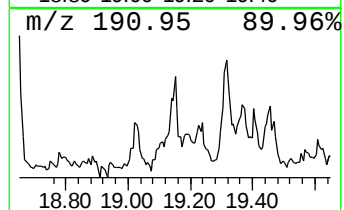
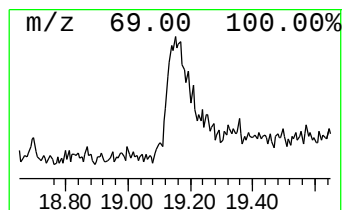
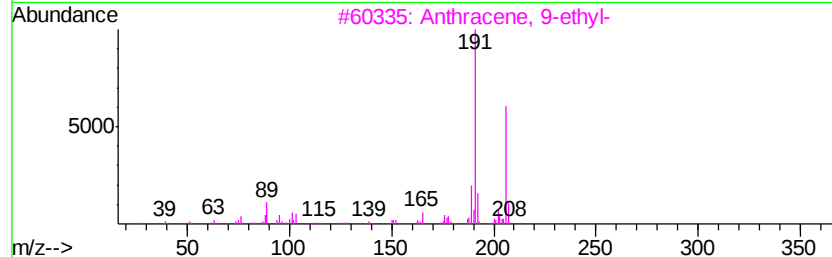
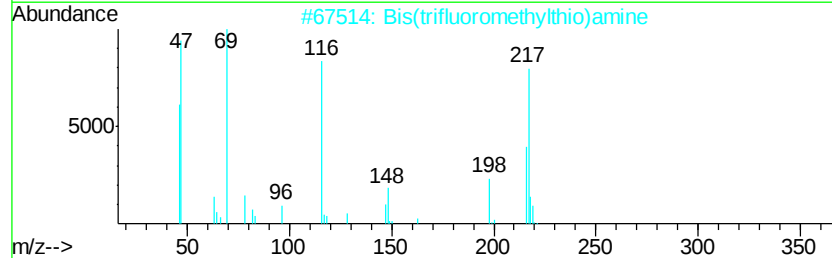
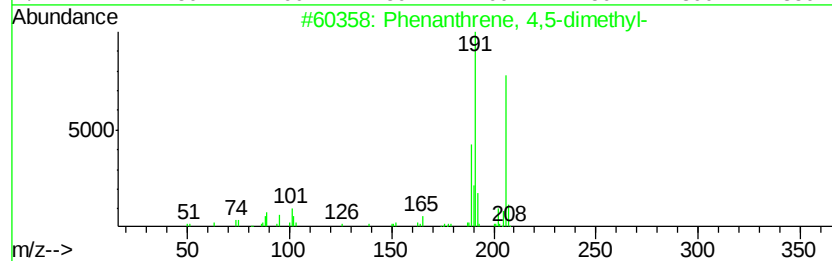
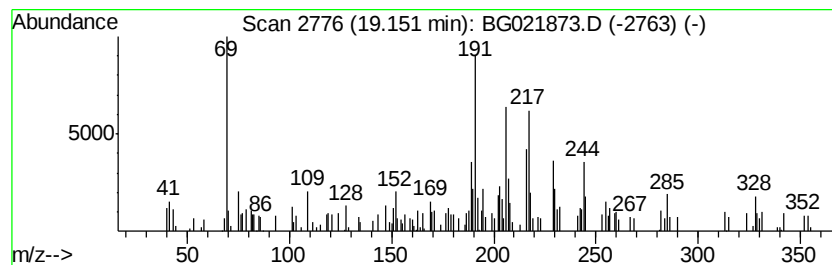
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Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.15	2.07 ng/ul	115876	Phenanthrene-d10	17.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	38
2	Bis(trifluoromethylthio)amine	217	C2HF6NS2	000763-24-6	38
3	Anthracene, 9-ethyl-	206	C16H14	000605-83-4	25
4	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	25
5	1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021873.D
Acq On : 12 May 2016 17:54
Operator : UM/SJ
Sample : H2936-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

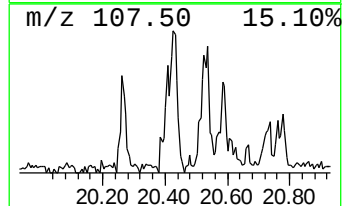
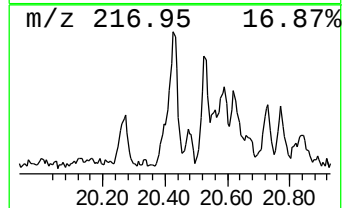
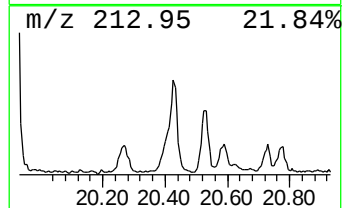
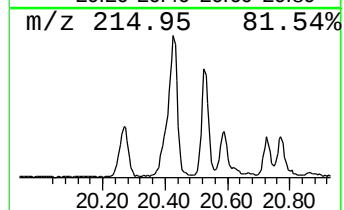
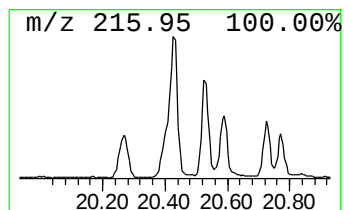
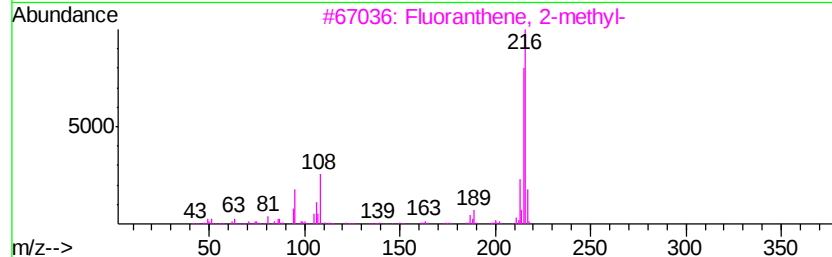
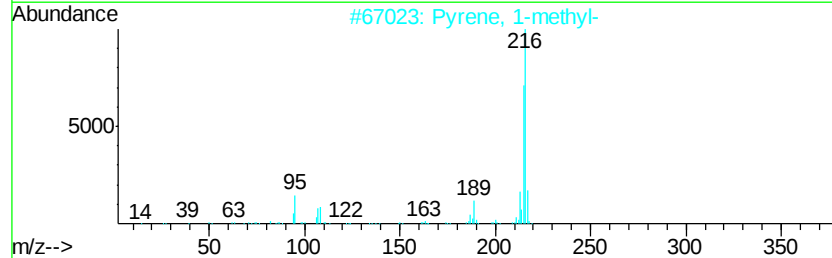
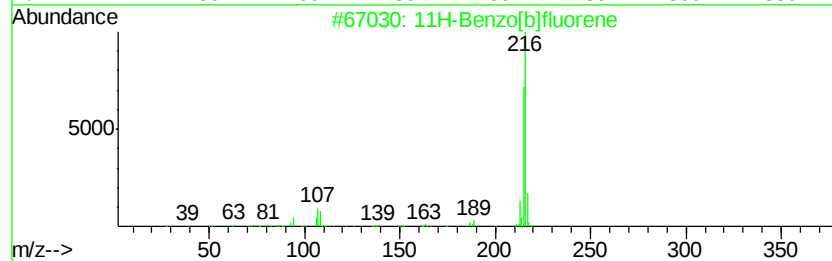
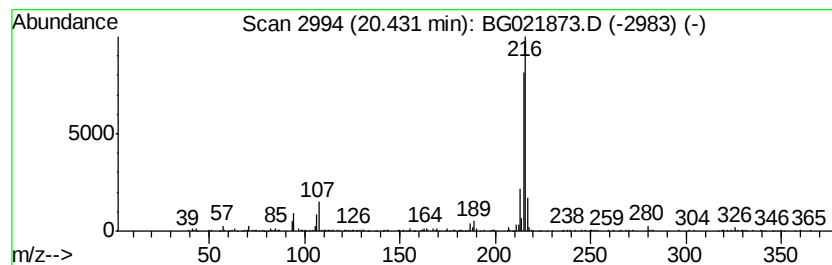
Instrument :
BNA_G
ClientSampleId :
D9WK0

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 4 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.54 ng/ul	291546	Chrysene-d12	21.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4 90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7 87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6 87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4 83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2 76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021873.D
Acq On : 12 May 2016 17:54
Operator : UM/SJ
Sample : H2936-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK0

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	26.8	ng/ul	1303960	3	14.80	971809	20.0
4H-Cyclopenta[def...	18.60	2.3	ng/ul	128528	4	17.54	1117320	20.0
unknown-01	19.15	2.1	ng/ul	115876	4	17.54	1117320	20.0
11H-Benzo[b]fluorene	20.43	2.5	ng/ul	291546	5	21.82	2299160	20.0