

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020454.D
 Acq On : 23 Dec 2015 22:05
 Operator : UM/SJ
 Sample : G4848-15DL 25X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N61DL

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-BG121415.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	3.110	41	46	52	rBV3	6912	14311	1.99%	0.251%
2	3.181	56	58	64	rVB3	2108	2919	0.41%	0.051%
3	8.081	886	892	903	rBB	72860	123082	17.12%	2.161%
4	8.627	980	985	991	rBB2	4050	6267	0.87%	0.110%
5	9.250	1088	1091	1096	rBV2	1667	2652	0.37%	0.047%
6	10.525	1303	1308	1313	rBB2	1943	3680	0.51%	0.065%
7	10.901	1364	1372	1376	rBV	110857	199682	27.78%	3.505%
8	10.948	1376	1380	1391	rVV	107267	191518	26.64%	3.362%
9	11.072	1398	1401	1406	rVB2	2271	3588	0.50%	0.063%
10	12.546	1645	1652	1662	rBB	61675	102087	14.20%	1.792%
11	12.770	1684	1690	1697	rVB	30188	49214	6.85%	0.864%
12	13.551	1817	1823	1832	rBB	24274	36494	5.08%	0.641%
13	13.745	1851	1856	1865	rBB	6752	10956	1.52%	0.192%
14	13.886	1874	1880	1889	rBB4	8316	21628	3.01%	0.380%
15	14.039	1899	1906	1911	rBV2	12849	22432	3.12%	0.394%
16	14.092	1911	1915	1917	rBV2	8202	12539	1.74%	0.220%
17	14.274	1940	1946	1949	rBV2	3993	6157	0.86%	0.108%
18	14.409	1964	1969	1972	rBV2	8006	12579	1.75%	0.221%
19	14.714	2010	2021	2027	rBV2	193410	331906	46.17%	5.826%
20	14.779	2027	2032	2039	rVV	156596	239399	33.30%	4.203%
21	14.844	2039	2043	2050	rVB	5516	8362	1.16%	0.147%
22	14.908	2051	2054	2057	rBV	1955	2703	0.38%	0.047%
23	15.026	2066	2074	2078	rBV3	3907	7162	1.00%	0.126%
24	15.114	2081	2089	2097	rBV	104288	157154	21.86%	2.759%
25	15.184	2097	2101	2104	rVB	3089	3798	0.53%	0.067%
26	15.320	2121	2124	2130	rBB	1391	2574	0.36%	0.045%
27	15.384	2131	2135	2139	rBB	1804	2530	0.35%	0.044%
28	15.496	2147	2154	2158	rBV2	1188	2559	0.36%	0.045%
29	15.707	2181	2190	2194	rBV2	12238	20021	2.78%	0.351%
30	15.760	2194	2199	2210	rVV	137771	204964	28.51%	3.598%
31	15.854	2210	2215	2217	rVV2	4461	6422	0.89%	0.113%
32	15.884	2217	2220	2223	rVV2	8617	11722	1.63%	0.206%
33	15.925	2223	2227	2232	rVV3	14597	22536	3.13%	0.396%
34	15.966	2232	2234	2238	rVV	2508	4074	0.57%	0.072%

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35	16.013	2238	2242	2245	rVV3	6447	10272	1.43%	0.180%
36	16.054	2245	2249	2255	rVB	17429	24376	3.39%	0.428%
37	16.201	2267	2274	2284	rBV2	18744	36749	5.11%	0.645%
38	16.295	2284	2290	2297	rVB3	2645	4356	0.61%	0.076%
39	16.553	2330	2334	2338	rVB2	4048	5775	0.80%	0.101%
40	16.765	2363	2370	2374	rVB3	10602	17624	2.45%	0.309%
41	16.812	2374	2378	2384	rVB4	3979	6164	0.86%	0.108%
42	16.912	2390	2395	2401	rVB3	4768	7108	0.99%	0.125%
43	16.988	2405	2408	2410	rVV	3502	4484	0.62%	0.079%
44	17.029	2411	2415	2418	rVV2	4827	6895	0.96%	0.121%
45	17.112	2426	2429	2436	rVV4	2176	3847	0.54%	0.068%
46	17.188	2436	2442	2449	rVV4	4584	10604	1.48%	0.186%
47	17.282	2449	2458	2465	rVB	28657	44049	6.13%	0.773%
48	17.464	2482	2489	2492	rBV	255676	401649	55.87%	7.051%
49	17.505	2492	2496	2502	rVV	495858	718890	100.00%	12.620%
50	17.558	2502	2505	2508	rVV	13862	20604	2.87%	0.362%
51	17.593	2508	2511	2516	rVB	26327	36044	5.01%	0.633%
52	17.864	2552	2557	2564	rBV	15228	23477	3.27%	0.412%
53	17.975	2572	2576	2581	rVB	5657	7973	1.11%	0.140%
54	18.046	2581	2588	2591	rBV4	2132	4253	0.59%	0.075%
55	18.181	2607	2611	2618	rVB2	1918	3782	0.53%	0.066%
56	18.334	2630	2637	2641	rBV	23691	34631	4.82%	0.608%
57	18.381	2641	2645	2651	rVB	31158	45834	6.38%	0.805%
58	18.463	2654	2659	2664	rVB	8501	13368	1.86%	0.235%
59	18.533	2664	2671	2675	rBV2	53856	89051	12.39%	1.563%
60	18.768	2708	2711	2716	rBV3	1746	2849	0.40%	0.050%
61	18.827	2716	2721	2726	rVV	20704	28008	3.90%	0.492%
62	18.868	2726	2728	2734	rVV3	3311	4891	0.68%	0.086%
63	18.951	2737	2742	2747	rBV2	2306	2810	0.39%	0.049%
64	19.074	2759	2763	2768	rVB	3445	3567	0.50%	0.063%
65	19.121	2768	2771	2775	rVV2	2808	3435	0.48%	0.060%
66	19.162	2775	2778	2782	rVB2	2818	2874	0.40%	0.050%
67	19.244	2787	2792	2796	rBV	5537	9056	1.26%	0.159%
68	19.309	2797	2803	2811	rVB5	3848	9093	1.26%	0.160%
69	19.385	2811	2816	2817	rBV	1884	2671	0.37%	0.047%
70	19.509	2831	2837	2844	rBV	309007	419277	58.32%	7.360%
71	19.562	2844	2846	2850	rVV2	2403	3123	0.43%	0.055%

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72	19.756	2874	2879	2887	rVB	7108	11201	1.56%	0.197%
73	19.844	2887	2894	2895	rBV2	58682	87073	12.11%	1.529%
74	19.873	2895	2899	2907	rVV	180394	271437	37.76%	4.765%
75	19.938	2907	2910	2916	rVB2	5985	9202	1.28%	0.162%
76	20.043	2924	2928	2934	rBV	8633	11818	1.64%	0.207%
77	20.190	2947	2953	2959	rVV3	8466	18139	2.52%	0.318%
78	20.243	2959	2962	2970	rVB3	3256	5510	0.77%	0.097%
79	20.361	2970	2982	2988	rBV	25812	47430	6.60%	0.833%
80	20.455	2993	2998	3003	rBV	28075	41147	5.72%	0.722%
81	20.519	3003	3009	3012	rVV5	7324	13286	1.85%	0.233%
82	20.555	3012	3015	3019	rVB2	5005	5799	0.81%	0.102%
83	20.596	3019	3022	3026	rVB2	2538	3682	0.51%	0.065%
84	20.654	3029	3032	3036	rBV	3680	4725	0.66%	0.083%
85	20.701	3037	3040	3044	rVV2	3908	4529	0.63%	0.080%
86	20.884	3067	3071	3075	rBV4	2220	3121	0.43%	0.055%
87	20.948	3079	3082	3084	rBV4	1878	2758	0.38%	0.048%
88	21.083	3100	3105	3108	rBV6	3001	5803	0.81%	0.102%
89	21.125	3110	3112	3118	rVB6	2786	4133	0.57%	0.073%
90	21.313	3140	3144	3147	rBV	5595	7439	1.03%	0.131%
91	21.354	3147	3151	3155	rVB2	6094	8899	1.24%	0.156%
92	21.401	3155	3159	3166	rBV2	4815	9172	1.28%	0.161%
93	21.595	3190	3192	3197	rVB3	2344	2732	0.38%	0.048%
94	21.736	3207	3216	3221	rBV	332486	600585	83.54%	10.543%
95	21.777	3221	3223	3229	rVB	30452	45892	6.38%	0.806%
96	21.935	3246	3250	3259	rVB2	8272	14620	2.03%	0.257%
97	23.962	3589	3595	3601	rBV2	8160	21949	3.05%	0.385%
98	25.008	3761	3773	3788	rBV2	162774	487786	67.85%	8.563%
99	26.142	3958	3966	3973	rVB8	5153	14415	2.01%	0.253%
100	29.162	4472	4480	4481	rBV5	4442	9105	1.27%	0.160%

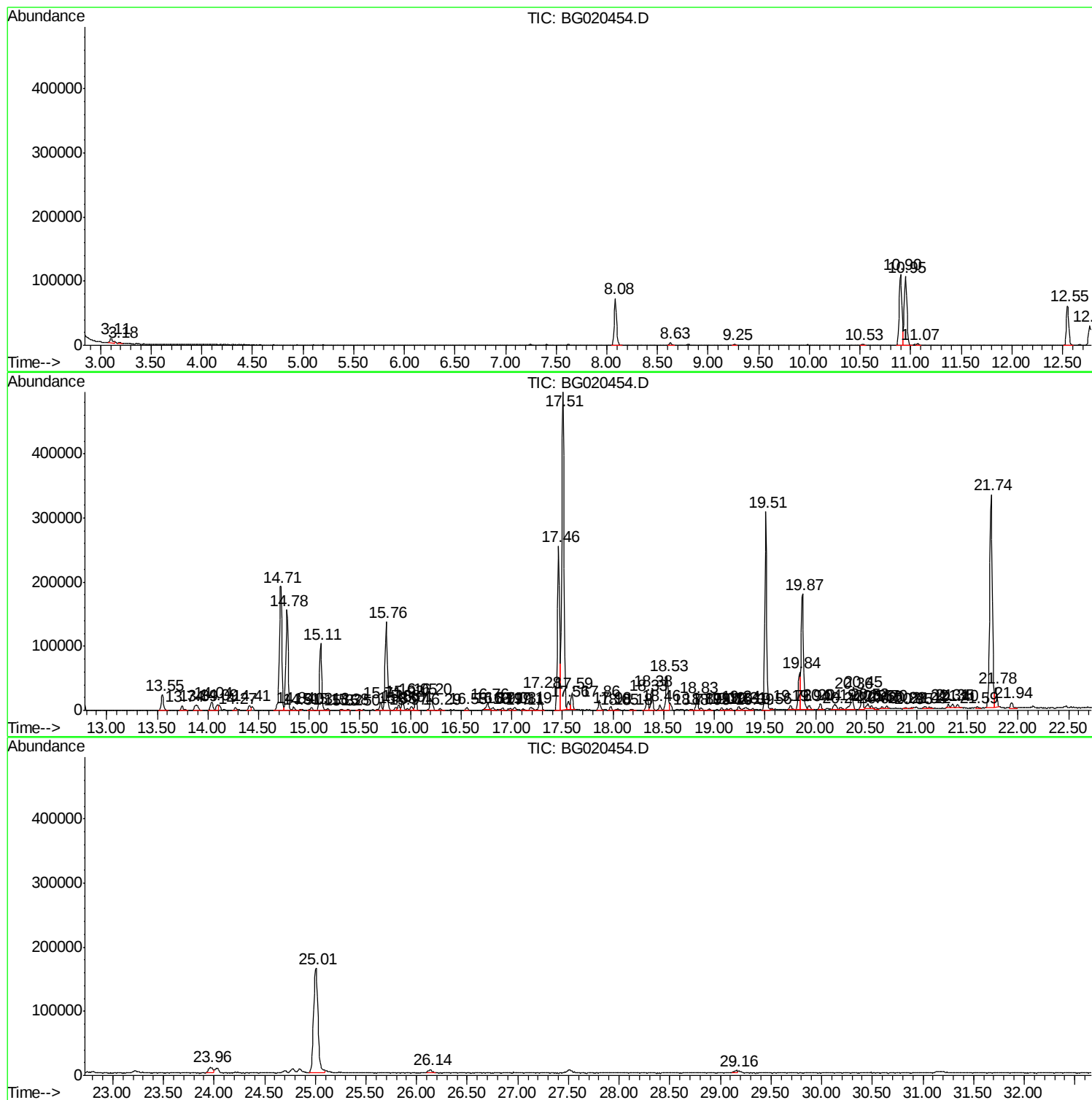
Sum of corrected areas: 5696571

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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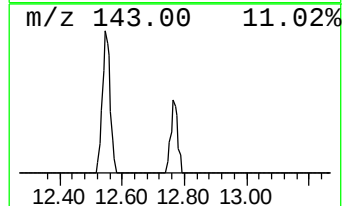
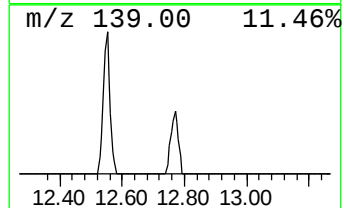
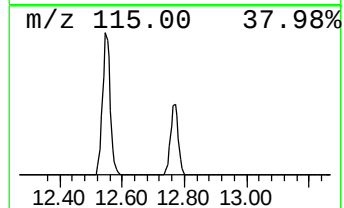
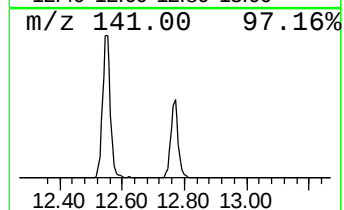
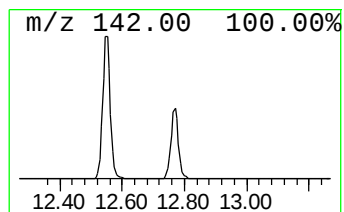
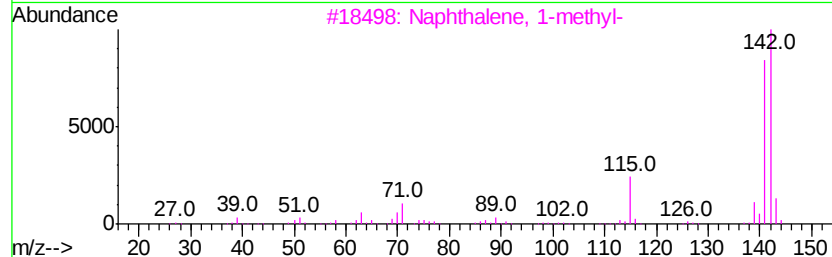
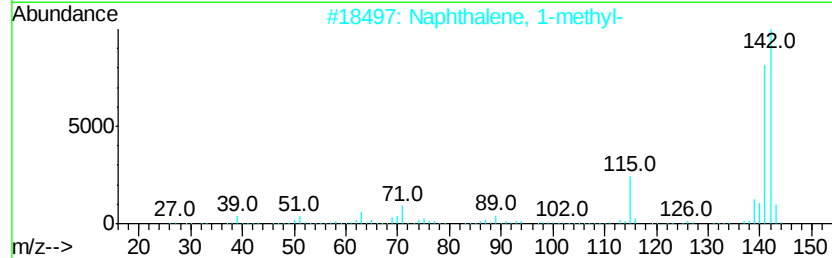
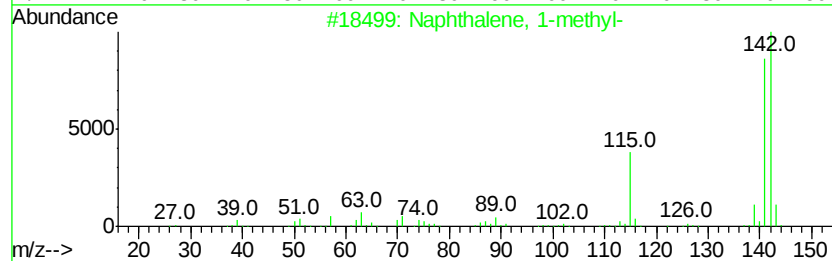
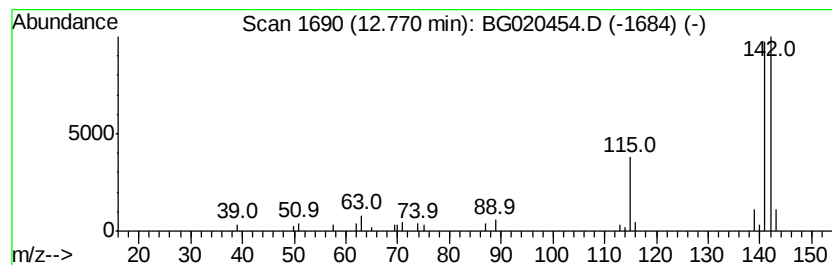
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.93 ng/ul	49214	Naphthalene-d8	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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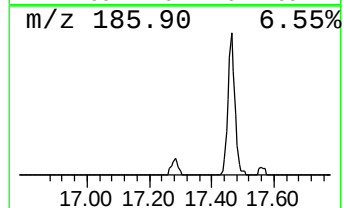
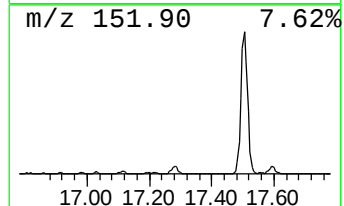
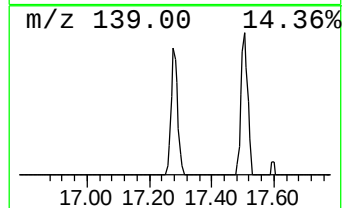
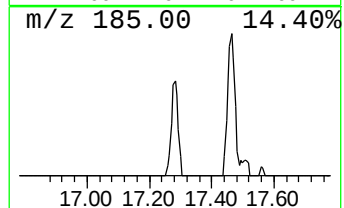
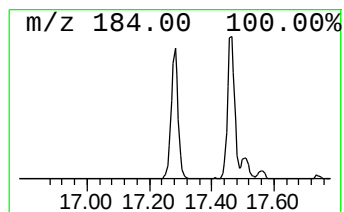
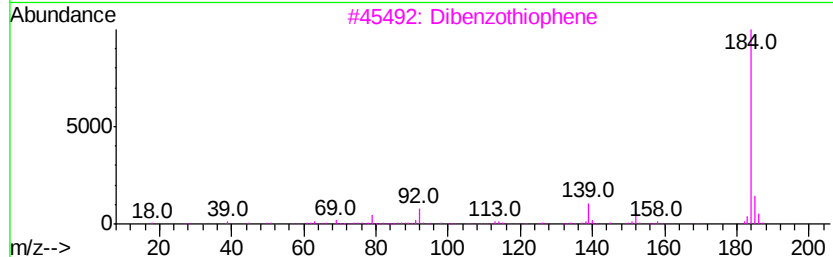
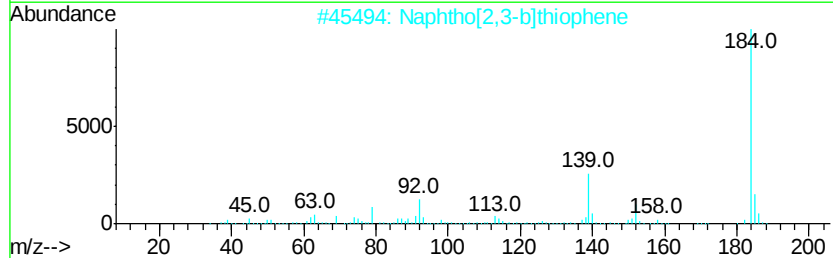
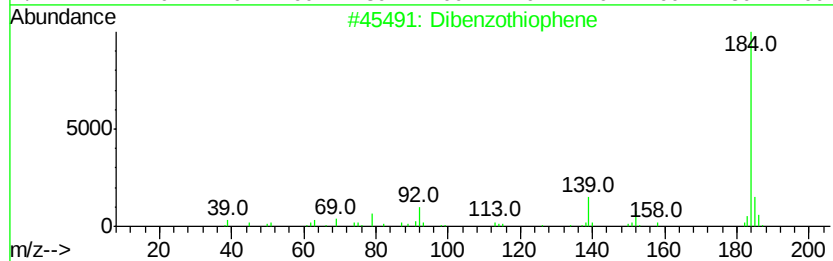
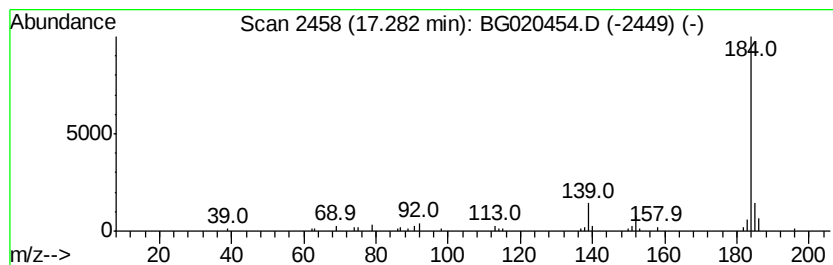
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	2.19 ng/ul	44049	Phenanthrene-d10	17.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Dibenzothiophene	184	C12H8S	000132-65-0	91
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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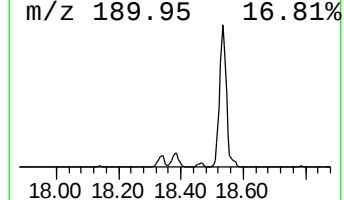
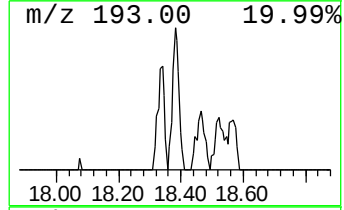
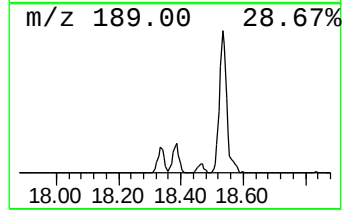
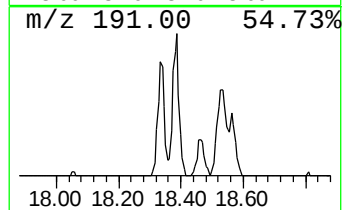
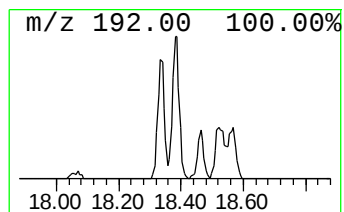
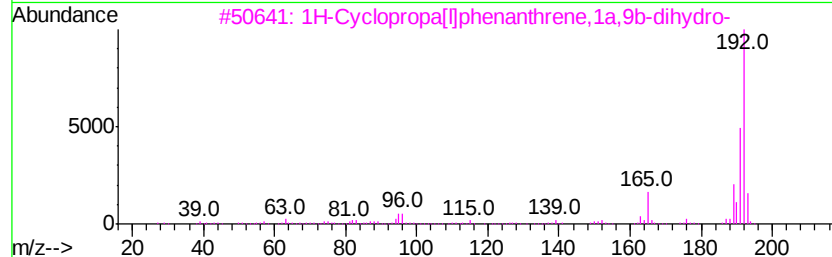
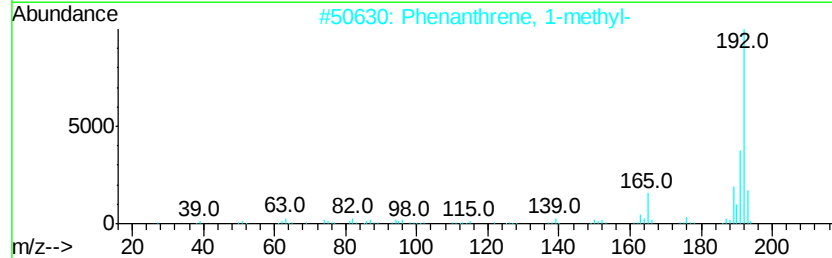
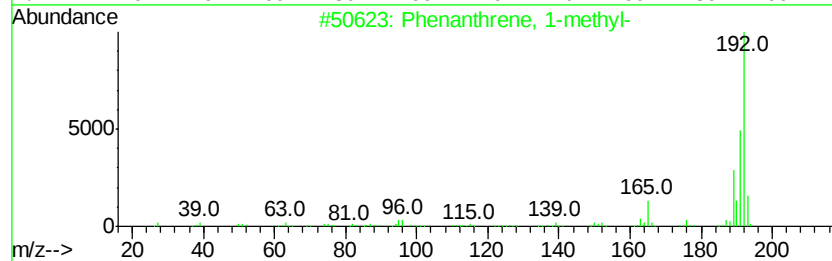
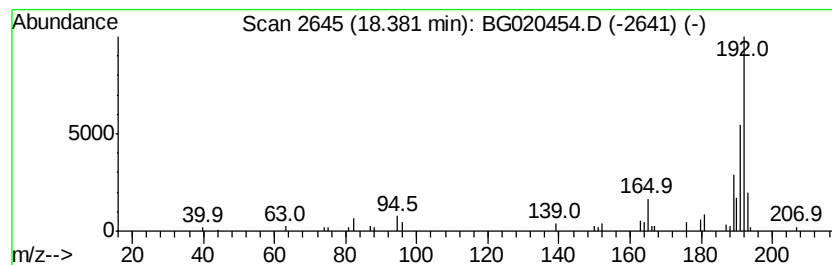
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Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.28 ng/ul	45834	Phenanthrene-d10	17.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95	
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95	
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95	
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020454.D
Acq On : 23 Dec 2015 22:05
Operator : UM/SJ
Sample : G4848-15DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N61DL

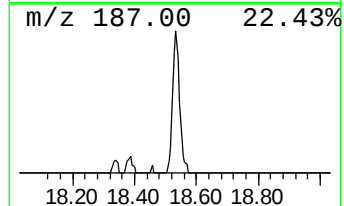
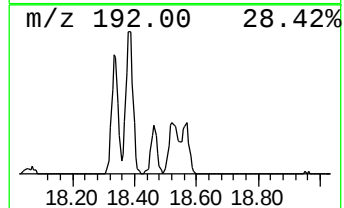
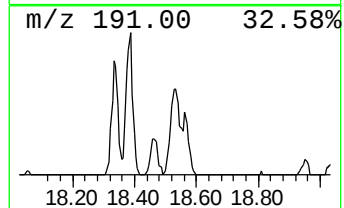
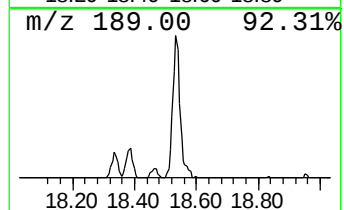
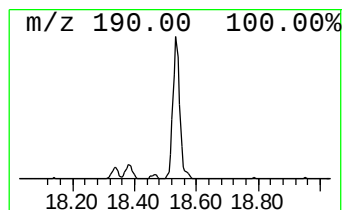
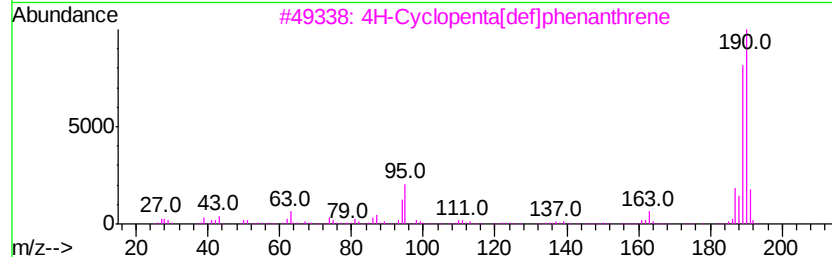
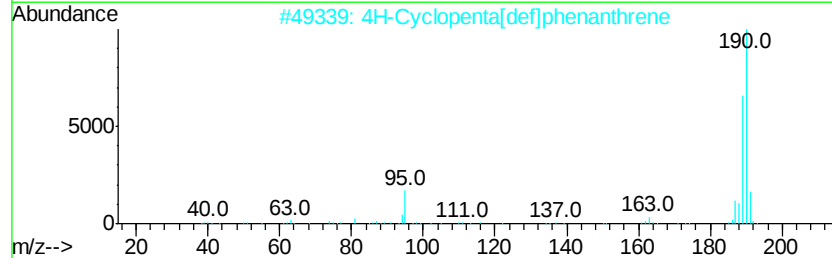
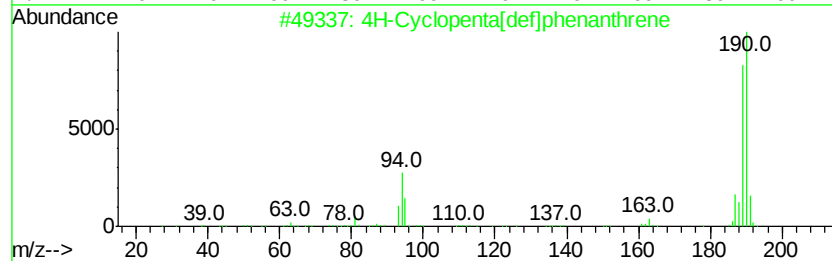
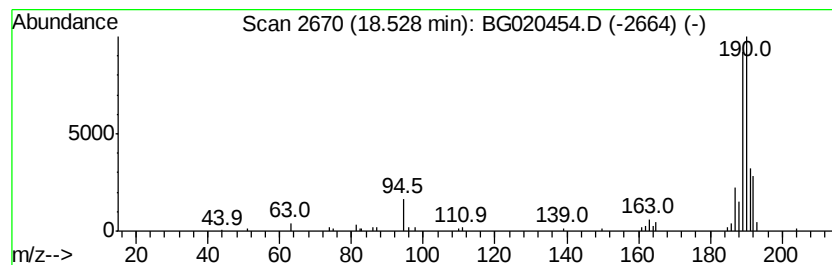
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	4.43 ng/ul	89051	Phenanthrene-d10	17.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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
Naphthalene, 1-me...	12.77	4.9	ng/ul	49214	2	10.90	199682	20.0
Dibenzothiophene	17.28	2.2	ng/ul	44049	4	17.46	401649	20.0
Phenanthrene, 1-m...	18.38	2.3	ng/ul	45834	4	17.46	401649	20.0
4H-Cyclopenta[def...	18.53	4.4	ng/ul	89051	4	17.46	401649	20.0