

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021875.D
 Acq On : 12 May 2016 19:14
 Operator : UM/SJ
 Sample : H2936-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK2

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	3.284	72	76	80	rBV	8641	11369	0.51%	0.045%
2	3.554	118	122	128	rVB2	8295	13491	0.60%	0.054%
3	4.083	207	212	218	rVB5	3482	6777	0.30%	0.027%
4	7.321	756	763	776	rVV	143478	293134	13.14%	1.170%
5	7.491	785	792	806	rBV2	122570	235519	10.55%	0.940%
6	7.702	820	828	839	rBV	170634	335039	15.01%	1.337%
7	8.172	896	908	920	rBV	187609	374359	16.77%	1.494%
8	8.872	1019	1027	1046	rVV	226605	459185	20.58%	1.832%
9	9.342	1099	1107	1118	rBV	138494	297571	13.33%	1.187%
10	10.070	1223	1231	1241	rBV	119568	256289	11.48%	1.023%
11	10.605	1314	1322	1336	rBV	234866	495231	22.19%	1.976%
12	10.993	1380	1388	1402	rVB	372239	751050	33.65%	2.997%
13	11.128	1402	1411	1428	rBV	133830	318009	14.25%	1.269%
14	11.986	1550	1557	1562	rBV4	4980	7981	0.36%	0.032%
15	12.385	1620	1625	1630	rVB3	4183	7631	0.34%	0.030%
16	12.567	1651	1656	1661	rBV4	4805	8691	0.39%	0.035%
17	12.638	1661	1668	1674	rVB2	9310	17666	0.79%	0.070%
18	12.855	1697	1705	1711	rBV2	8485	16992	0.76%	0.068%
19	13.319	1779	1784	1791	rVB6	4326	8210	0.37%	0.033%
20	13.601	1826	1832	1840	rBV5	11109	21325	0.96%	0.085%
21	13.672	1840	1844	1851	rVB7	5651	11216	0.50%	0.045%
22	13.972	1894	1895	1905	rVB6	5014	7527	0.34%	0.030%
23	14.118	1913	1920	1925	rVV4	25059	43553	1.95%	0.174%
24	14.195	1925	1933	1938	rVV	484368	802421	35.96%	3.202%
25	14.242	1938	1941	1948	rVV	87123	138612	6.21%	0.553%
26	14.301	1948	1951	1955	rVV4	4670	8573	0.38%	0.034%
27	14.354	1957	1960	1969	rVB5	6107	15895	0.71%	0.063%
28	14.489	1976	1983	1996	rBV	624947	1122159	50.28%	4.477%
29	14.671	2009	2014	2019	rVB	27804	40278	1.80%	0.161%
30	14.794	2022	2035	2043	rBV2	660021	1193475	53.48%	4.762%
31	14.865	2043	2047	2054	rVB7	8941	18268	0.82%	0.073%
32	14.988	2060	2068	2080	rBV	98160	248808	11.15%	0.993%
33	15.194	2096	2103	2106	rBV3	13422	22522	1.01%	0.090%
34	15.270	2112	2116	2124	rVB9	9090	20866	0.93%	0.083%

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Integration Parameters: LSCINT.P

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35	15.399	2134	2138	2142	rBV5	7772	12667	0.57%	0.051%
36	15.458	2145	2148	2152	rVB4	5744	9683	0.43%	0.039%
37	15.576	2163	2168	2171	rBV6	10712	19189	0.86%	0.077%
38	15.617	2171	2175	2181	rVB2	44506	63495	2.85%	0.253%
39	15.675	2181	2185	2189	rBV7	4031	8068	0.36%	0.032%
40	15.787	2193	2204	2210	rVV	803717	1397225	62.61%	5.575%
41	15.840	2210	2213	2217	rVV	28460	46318	2.08%	0.185%
42	15.899	2218	2223	2231	rVV	70613	142575	6.39%	0.569%
43	16.022	2235	2244	2256	rVB5	25794	67477	3.02%	0.269%
44	16.128	2256	2262	2268	rBV3	16975	32233	1.44%	0.129%
45	16.240	2277	2281	2283	rBV4	6585	9441	0.42%	0.038%
46	16.281	2283	2288	2295	rVB2	16942	36733	1.65%	0.147%
47	16.363	2297	2302	2308	rVB6	7753	17380	0.78%	0.069%
48	16.480	2316	2322	2324	rBV	48346	76211	3.41%	0.304%
49	16.839	2374	2383	2389	rBV4	21617	57842	2.59%	0.231%
50	16.886	2389	2391	2395	rVV5	11400	16922	0.76%	0.068%
51	16.933	2397	2399	2404	rVV5	9428	14147	0.63%	0.056%
52	16.986	2404	2408	2416	rVV9	13038	20455	0.92%	0.082%
53	17.062	2416	2421	2425	rVV4	18190	34650	1.55%	0.138%
54	17.109	2426	2429	2437	rVV4	15713	34401	1.54%	0.137%
55	17.191	2438	2443	2448	rVV3	25186	47507	2.13%	0.190%
56	17.268	2451	2456	2462	rVV2	39775	73819	3.31%	0.295%
57	17.326	2462	2466	2468	rVV5	13168	21369	0.96%	0.085%
58	17.362	2468	2472	2476	rVV	19070	32253	1.45%	0.129%
59	17.538	2495	2502	2506	rBV	740987	1305506	58.50%	5.209%
60	17.579	2506	2509	2514	rVV	416904	690253	30.93%	2.754%
61	17.638	2514	2519	2530	rVB	790659	1382536	61.95%	5.516%
62	17.814	2545	2549	2550	rBV4	5546	7094	0.32%	0.028%
63	17.891	2559	2562	2564	rBV4	5784	7377	0.33%	0.029%
64	17.938	2566	2570	2579	rVV4	25363	72578	3.25%	0.290%
65	18.008	2580	2582	2586	rVV3	18570	21280	0.95%	0.085%
66	18.055	2586	2590	2595	rVV5	12399	20035	0.90%	0.080%
67	18.126	2598	2602	2609	rVB7	16081	32722	1.47%	0.131%
68	18.413	2645	2651	2655	rBV	95447	169008	7.57%	0.674%
69	18.460	2655	2659	2668	rVB2	106261	187899	8.42%	0.750%
70	18.543	2668	2673	2678	rVB	23771	33257	1.49%	0.133%
71	18.607	2678	2684	2688	rBV3	92065	203827	9.13%	0.813%

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72	18.695	2696	2699	2705	rBV7	14273	29002	1.30%	0.116%
73	18.754	2706	2709	2712	rVB4	8300	11228	0.50%	0.045%
74	18.901	2730	2734	2738	rBV	54826	85494	3.83%	0.341%
75	18.948	2738	2742	2748	rVB	43236	68673	3.08%	0.274%
76	19.148	2773	2776	2781	rVB5	19581	22523	1.01%	0.090%
77	19.195	2781	2784	2788	rBV2	20809	30077	1.35%	0.120%
78	19.318	2800	2805	2810	rBV2	70253	121421	5.44%	0.484%
79	19.377	2810	2815	2818	rBV3	24526	49308	2.21%	0.197%
80	19.459	2825	2829	2836	rVB4	47629	88591	3.97%	0.353%
81	19.583	2844	2850	2856	rVB	792935	1224351	54.86%	4.885%
82	19.636	2857	2859	2861	rBV2	17278	17125	0.77%	0.068%
83	19.677	2862	2866	2870	rVV3	33806	56235	2.52%	0.224%
84	19.730	2872	2875	2879	rVB	29069	39840	1.79%	0.159%
85	19.918	2900	2907	2910	rBV	1056865	1925530	86.28%	7.683%
86	20.006	2919	2922	2930	rVB2	48995	90658	4.06%	0.362%
87	20.117	2938	2941	2946	rVB	34848	55877	2.50%	0.223%
88	20.270	2960	2967	2972	rVB3	59211	134282	6.02%	0.536%
89	20.429	2990	2994	3000	rVB	130858	203628	9.12%	0.812%
90	20.529	3008	3011	3014	rBV2	51141	60292	2.70%	0.241%
91	20.728	3042	3045	3049	rBV	34648	48606	2.18%	0.194%
92	21.198	3122	3125	3132	rVB	79504	131329	5.88%	0.524%
93	21.433	3162	3165	3170	rVB	111627	160525	7.19%	0.640%
94	21.539	3180	3183	3193	rVB	85966	161966	7.26%	0.646%
95	21.692	3205	3209	3216	rVB	118468	189992	8.51%	0.758%
96	21.821	3223	3231	3237	rBV2	901489	2231682	100.00%	8.904%
97	21.874	3237	3240	3252	rVB	293192	539615	24.18%	2.153%
98	24.107	3612	3620	3627	rBV3	199077	679342	30.44%	2.711%
99	24.941	3753	3762	3769	rBV2	390698	1090707	48.87%	4.352%
100	25.170	3791	3801	3810	rBV	482446	1459761	65.41%	5.824%

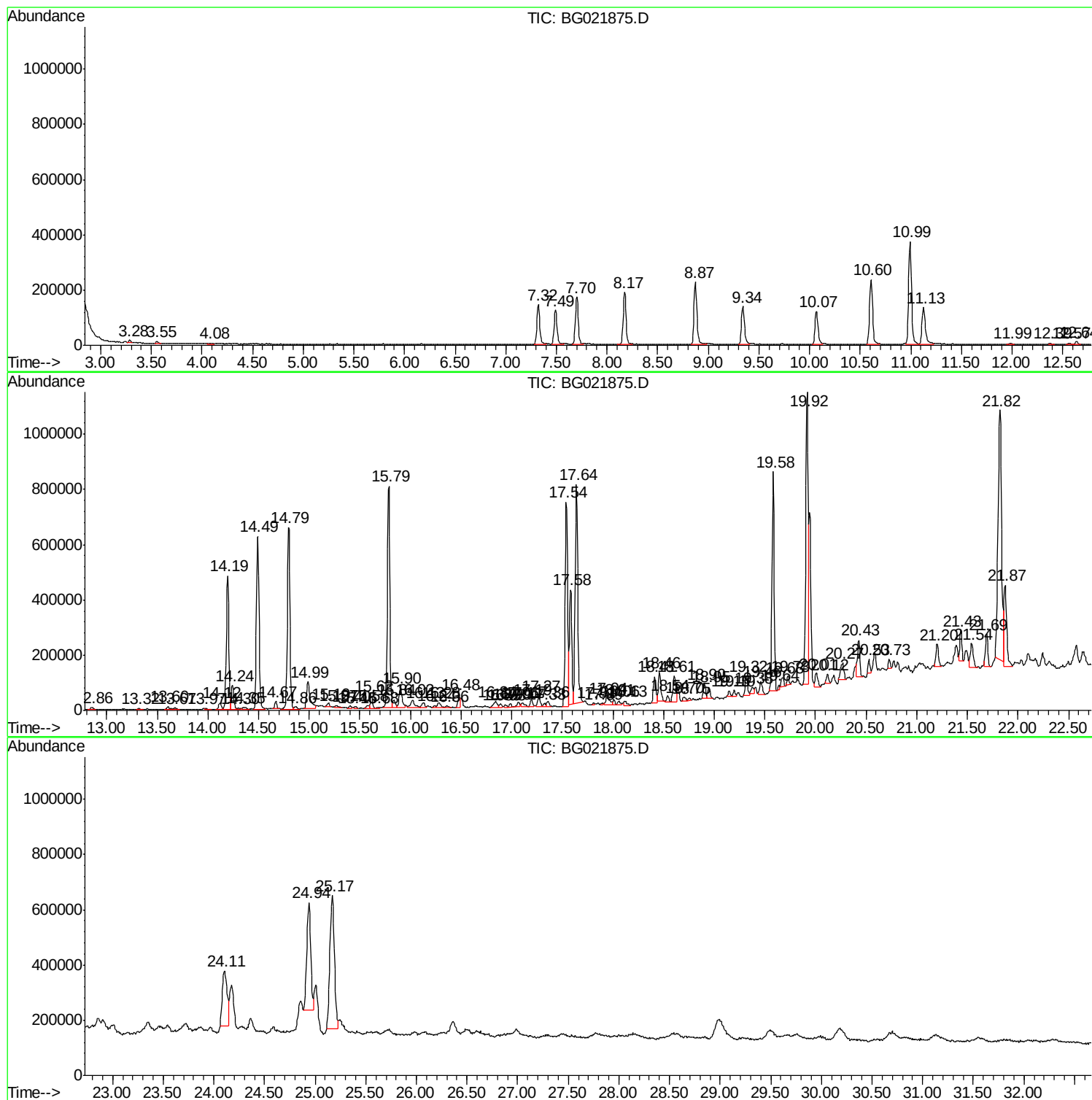
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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



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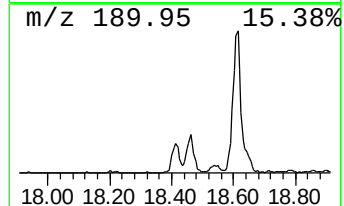
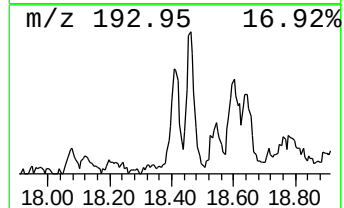
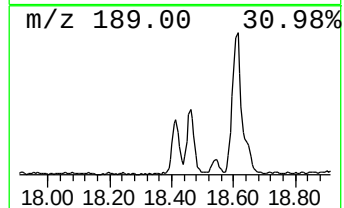
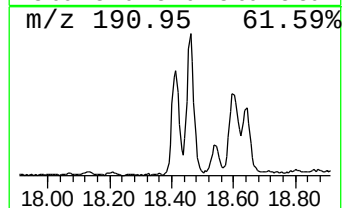
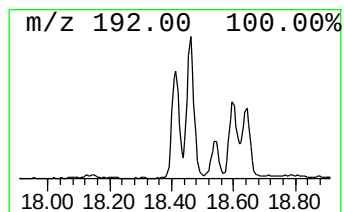
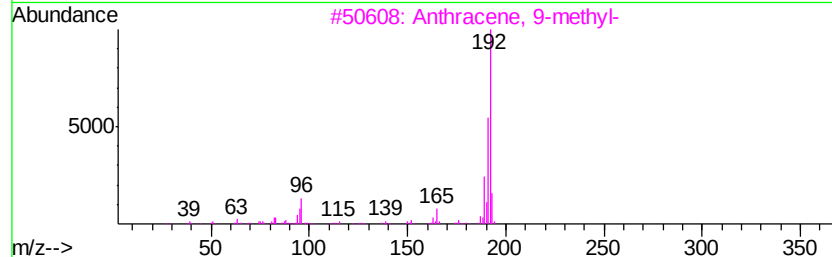
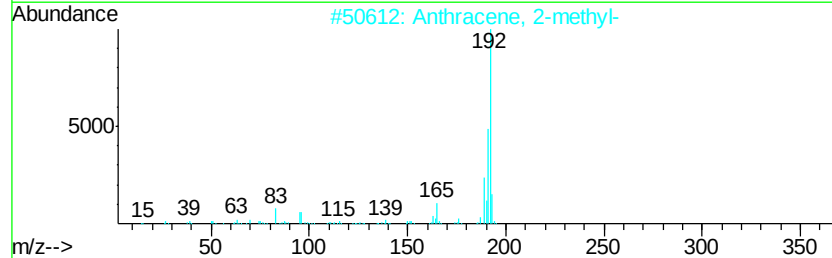
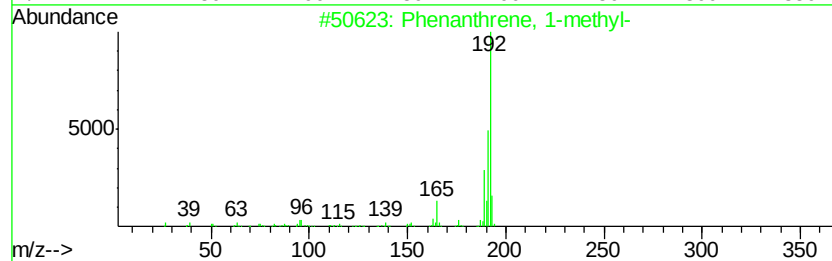
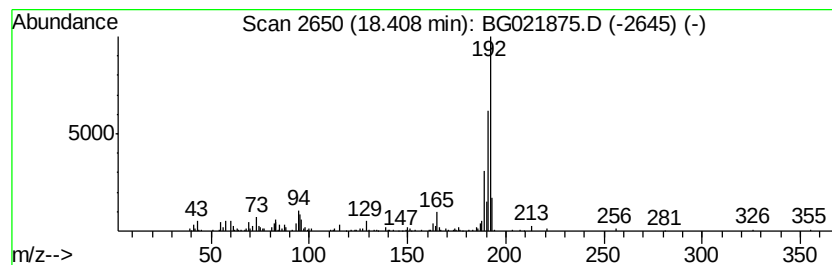
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.59 ng/ul	169008	Phenanthrene-d10	17.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83



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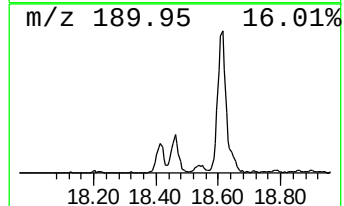
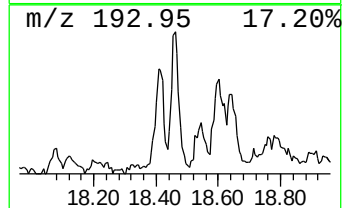
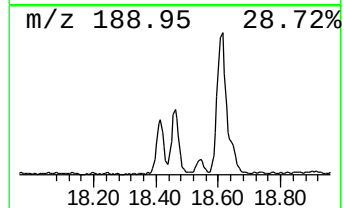
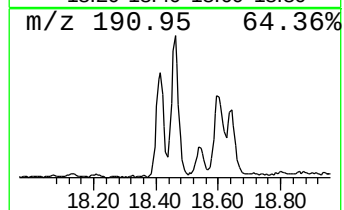
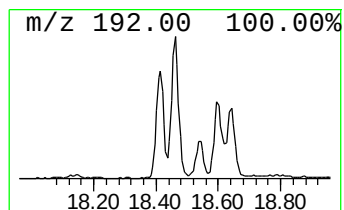
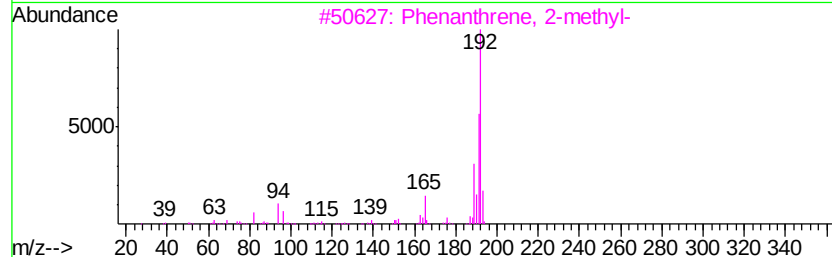
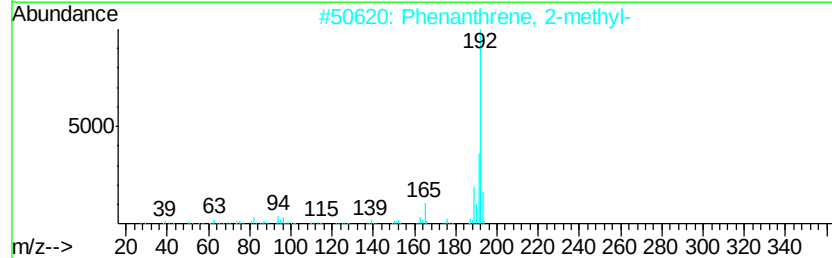
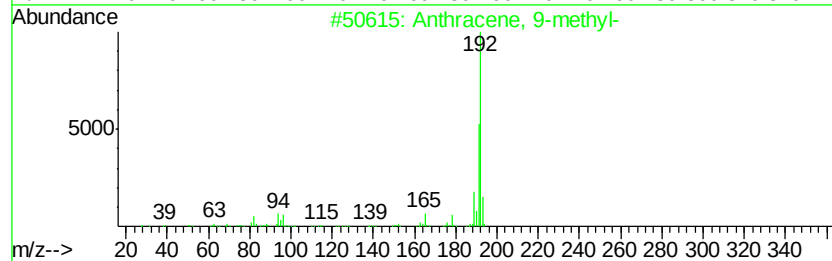
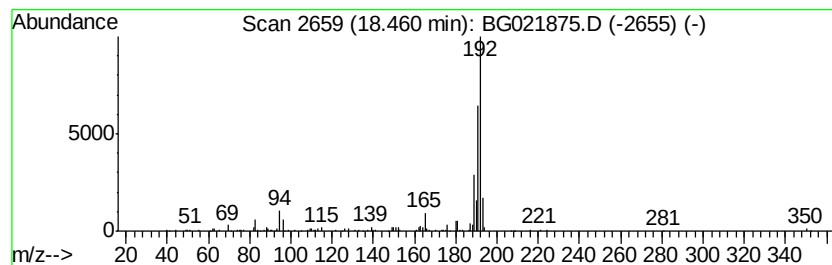
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.46	2.88 ng/ul	187899	Phenanthrene-d10		17.54	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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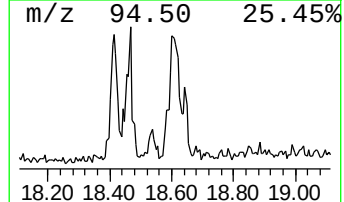
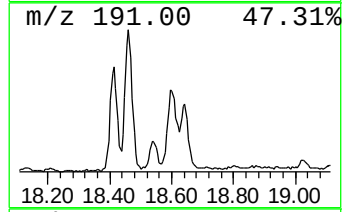
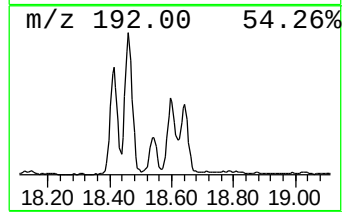
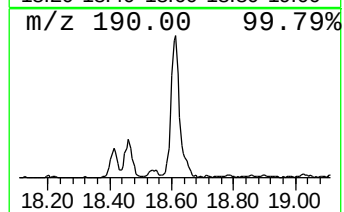
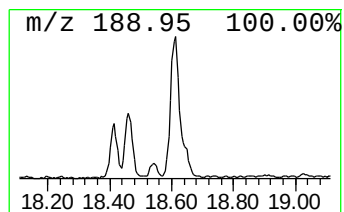
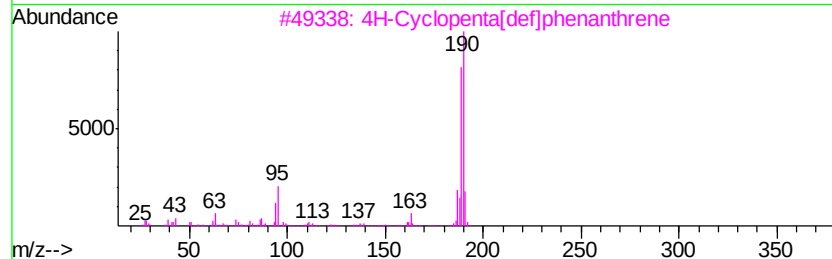
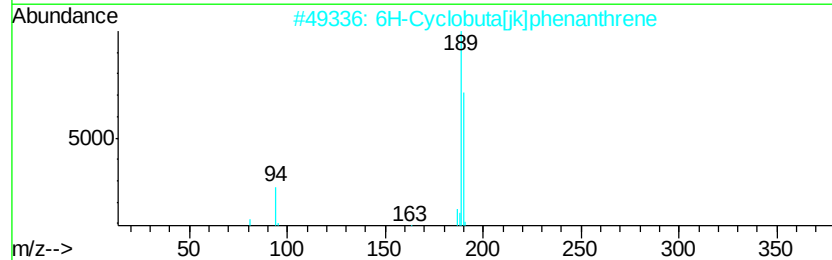
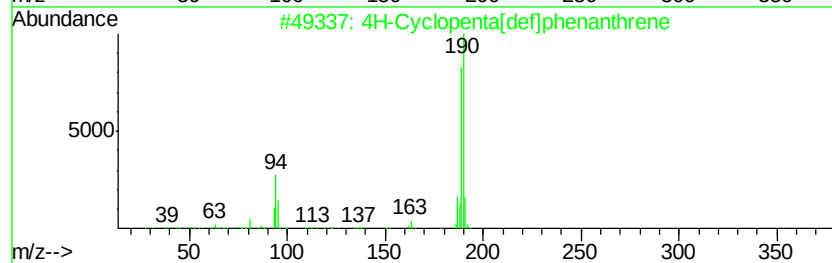
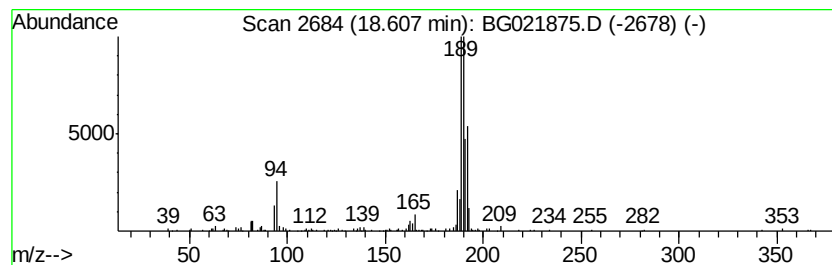
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TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.61	3.12 ng/ul	203827	Phenanthrene-d10	17.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021875.D
Acq On : 12 May 2016 19:14
Operator : UM/SJ
Sample : H2936-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK2

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
Phenanthrene, 1-m...	18.41	2.6	ng/ul	169008	4	17.54	1305510	20.0
Anthracene, 9-met...	18.46	2.9	ng/ul	187899	4	17.54	1305510	20.0
4H-Cyclopenta[def...	18.61	3.1	ng/ul	203827	4	17.54	1305510	20.0