

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
 Data File : BG021513.D
 Acq On : 25 Mar 2016 14:19
 Operator : UM/SJ
 Sample : H1909-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T47

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-BG031616.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	3.193	57	60	68	rVB3	5213	7879	2.16%	0.167%
2	3.305	77	79	83	rVB2	1129	1161	0.32%	0.025%
3	3.463	102	106	110	rVB2	1715	2336	0.64%	0.049%
4	3.992	193	196	202	rVB5	1483	2260	0.62%	0.048%
5	5.144	387	392	397	rBV3	1248	2200	0.60%	0.047%
6	7.341	761	766	771	rBV2	41084	77125	21.11%	1.634%
7	7.388	771	774	783	rVB	33830	56290	15.41%	1.192%
8	7.641	811	817	826	rBB	47430	76387	20.91%	1.618%
9	8.064	882	889	898	rBB	54563	90225	24.69%	1.911%
10	8.851	1017	1023	1035	rBB	57777	98853	27.06%	2.094%
11	9.233	1080	1088	1097	rBB	51283	84110	23.02%	1.782%
12	9.956	1205	1211	1220	rBB2	45075	75568	20.68%	1.601%
13	10.573	1310	1316	1324	rBB	59497	105074	28.76%	2.226%
14	10.872	1360	1367	1373	rBV	88167	154366	42.25%	3.270%
15	10.919	1373	1375	1381	rVB	2927	4163	1.14%	0.088%
16	11.013	1385	1391	1400	rBV	60566	108973	29.83%	2.308%
17	12.517	1643	1647	1652	rBB	3757	6217	1.70%	0.132%
18	12.735	1680	1684	1689	rBB2	3498	5651	1.55%	0.120%
19	13.481	1809	1811	1814	rBB	1364	1051	0.29%	0.022%
20	13.563	1822	1825	1829	rBB	1166	1227	0.34%	0.026%
21	13.710	1847	1850	1856	rBB2	1007	1498	0.41%	0.032%
22	13.845	1869	1873	1874	rBV	1176	1444	0.40%	0.031%
23	13.857	1874	1875	1879	rVB	1421	1366	0.37%	0.029%
24	14.004	1895	1900	1904	rBB	2461	3658	1.00%	0.077%
25	14.080	1905	1913	1918	rBV	118706	172902	47.32%	3.663%
26	14.127	1918	1921	1927	rVB	34852	45468	12.44%	0.963%
27	14.239	1936	1940	1943	rBB	738	1031	0.28%	0.022%
28	14.374	1957	1963	1971	rBV	130388	205333	56.20%	4.350%
29	14.544	1988	1992	1997	rBB	4469	6052	1.66%	0.128%
30	14.680	2007	2015	2022	rBB2	137765	220753	60.42%	4.676%
31	14.744	2023	2026	2030	rBB	2818	4089	1.12%	0.087%
32	14.879	2045	2049	2050	rBV	774	975	0.27%	0.021%
33	14.985	2064	2067	2069	rBV	1162	1314	0.36%	0.028%
34	15.097	2080	2086	2095	rBV2	33829	63881	17.48%	1.353%

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 Title : SVOA CALIBRATION

35	15.484	2144	2152	2158	rBB2	15620	28031	7.67%	0.594%
36	15.667	2176	2183	2189	rBV	174256	258850	70.85%	5.483%
37	15.720	2189	2192	2198	rVB2	4693	7418	2.03%	0.157%
38	15.796	2200	2205	2211	rBB	48514	68961	18.87%	1.461%
39	15.884	2216	2220	2221	rBV	2805	2886	0.79%	0.061%
40	15.902	2221	2223	2227	rVB2	3159	3792	1.04%	0.080%
41	16.054	2246	2249	2251	rBV2	1237	1013	0.28%	0.021%
42	16.119	2254	2260	2262	rBB	1194	1321	0.36%	0.028%
43	16.360	2295	2301	2308	rBV2	11076	22364	6.12%	0.474%
44	16.701	2353	2359	2362	rBV5	2276	5046	1.38%	0.107%
45	16.724	2362	2363	2365	rVV	2008	1171	0.32%	0.025%
46	16.765	2367	2370	2375	rVB3	1738	2288	0.63%	0.048%
47	16.865	2383	2387	2392	rVB2	1742	2455	0.67%	0.052%
48	16.924	2395	2397	2399	rBV2	1082	1173	0.32%	0.025%
49	17.083	2417	2424	2427	rBV2	4205	6348	1.74%	0.134%
50	17.147	2430	2435	2440	rBV4	5941	10186	2.79%	0.216%
51	17.241	2447	2451	2455	rVV	8953	11801	3.23%	0.250%
52	17.423	2475	2482	2485	rBV	169674	256876	70.31%	5.442%
53	17.465	2485	2489	2493	rVV	93460	138295	37.85%	2.930%
54	17.517	2493	2498	2508	rVB2	170664	262135	71.75%	5.553%
55	17.676	2524	2525	2529	rBV	976	1195	0.33%	0.025%
56	17.876	2557	2559	2564	rVB2	2954	3743	1.02%	0.079%
57	17.929	2564	2568	2572	rVB3	2389	3543	0.97%	0.075%
58	17.999	2572	2580	2584	rBV4	8239	15726	4.30%	0.333%
59	18.140	2598	2604	2612	rVB	5456	9529	2.61%	0.202%
60	18.222	2615	2618	2622	rVB2	1521	1793	0.49%	0.038%
61	18.287	2624	2629	2634	rBV	26303	38736	10.60%	0.821%
62	18.340	2634	2638	2644	rVB	29469	42517	11.64%	0.901%
63	18.481	2657	2662	2666	rBV4	17218	31823	8.71%	0.674%
64	18.522	2666	2669	2674	rVB	14751	19952	5.46%	0.423%
65	18.569	2674	2677	2680	rBV3	2395	3084	0.84%	0.065%
66	18.593	2680	2681	2683	rVB	1510	966	0.26%	0.020%
67	18.616	2683	2685	2686	rBV2	1084	974	0.27%	0.021%
68	18.634	2686	2688	2693	rVB3	1305	1659	0.45%	0.035%
69	18.687	2693	2697	2700	rBV3	1903	2632	0.72%	0.056%
70	18.734	2704	2705	2709	rVB4	1266	1009	0.28%	0.021%
71	18.781	2709	2713	2717	rBV	11668	16846	4.61%	0.357%

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72	18.834	2717	2722	2727	rVB3	12157	17669	4.84%	0.374%
73	18.910	2730	2735	2737	rBV2	3761	4989	1.37%	0.106%
74	18.992	2747	2749	2750	rBV2	1429	1125	0.31%	0.024%
75	19.027	2750	2755	2759	rBV3	6763	8663	2.37%	0.184%
76	19.080	2760	2764	2767	rBV4	3914	4583	1.25%	0.097%
77	19.110	2767	2769	2774	rVB4	3343	3870	1.06%	0.082%
78	19.192	2778	2783	2787	rBV3	11751	20570	5.63%	0.436%
79	19.345	2804	2809	2813	rBV4	8930	14538	3.98%	0.308%
80	19.386	2815	2816	2820	rBV5	1916	1678	0.46%	0.036%
81	19.462	2824	2829	2834	rVB	61701	84842	23.22%	1.797%
82	19.515	2836	2838	2841	rBV3	3430	2842	0.78%	0.060%
83	19.550	2843	2844	2847	rBV3	2411	2407	0.66%	0.051%
84	19.662	2859	2863	2866	rBV5	4266	6130	1.68%	0.130%
85	19.797	2878	2886	2889	rBV2	220394	345749	94.63%	7.324%
86	19.891	2899	2902	2907	rVB7	5979	9488	2.60%	0.201%
87	19.932	2907	2909	2910	rBV2	2623	1706	0.47%	0.036%
88	20.144	2941	2945	2947	rBV4	8844	14581	3.99%	0.309%
89	20.297	2964	2971	2978	rBV2	16681	41599	11.39%	0.881%
90	20.414	2987	2991	2994	rBV	8699	12254	3.35%	0.260%
91	20.473	2998	3001	3006	rVB2	14384	17172	4.70%	0.364%
92	20.608	3021	3024	3027	rBV	10656	13152	3.60%	0.279%
93	20.790	3053	3055	3060	rVB5	12071	12359	3.38%	0.262%
94	21.248	3128	3133	3139	rBV8	15285	35396	9.69%	0.750%
95	21.295	3139	3141	3146	rVB3	13073	14110	3.86%	0.299%
96	21.677	3199	3206	3211	rBV	207737	365368	100.00%	7.740%
97	21.724	3211	3214	3218	rVB	24596	36405	9.96%	0.771%
98	24.680	3710	3717	3725	rVB	112701	287069	78.57%	6.081%
99	24.903	3748	3755	3766	rVB	116374	309740	84.77%	6.561%
100	27.300	4158	4163	4174	rVB6	17157	51507	14.10%	1.091%

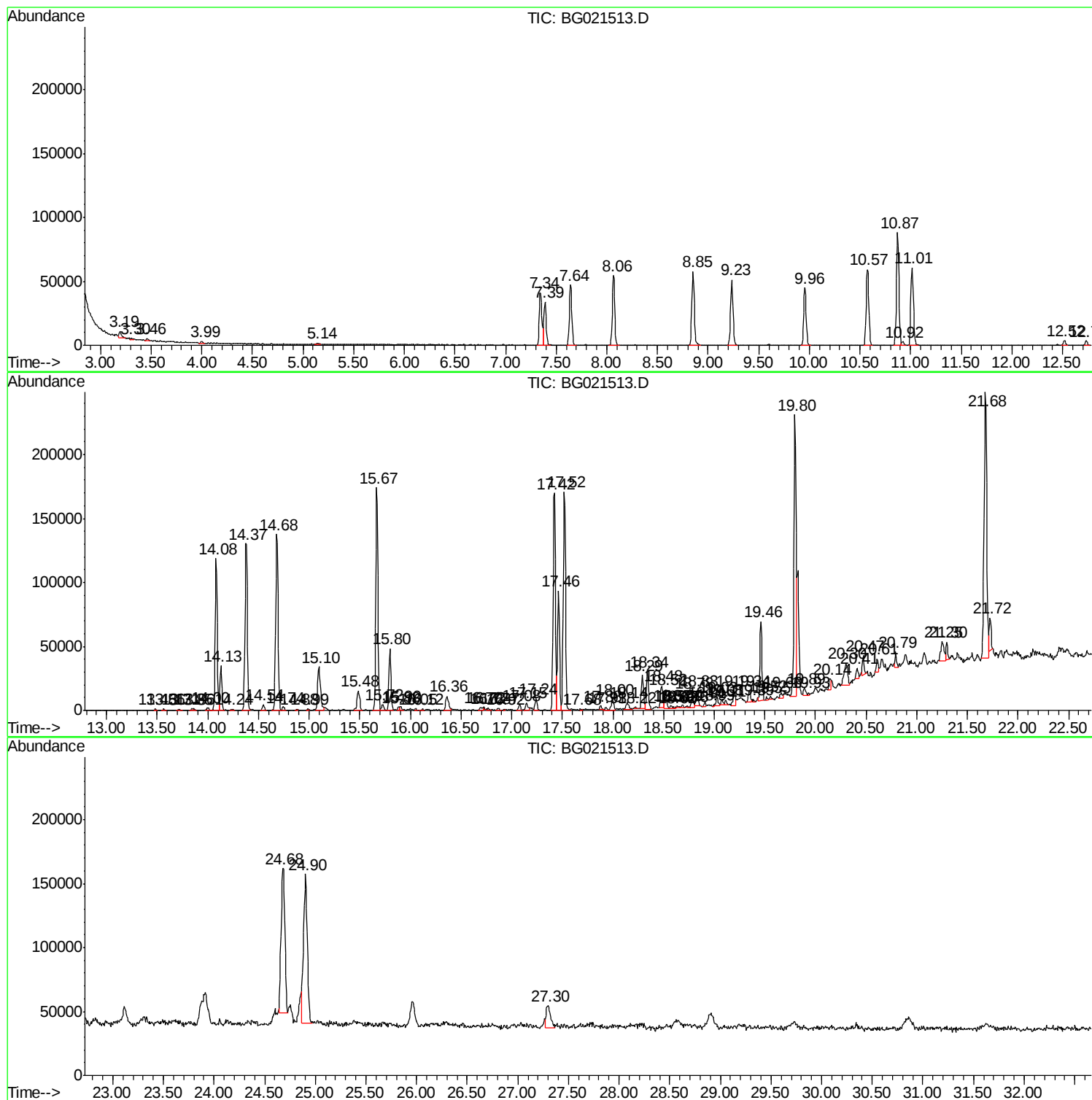
Sum of corrected areas: 4720578

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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



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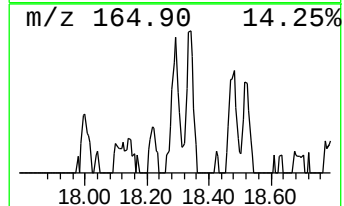
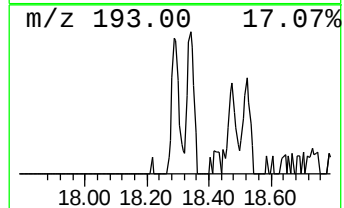
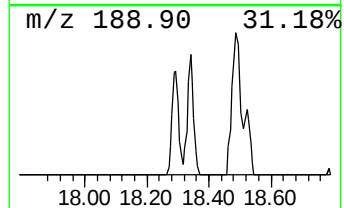
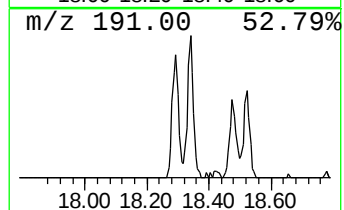
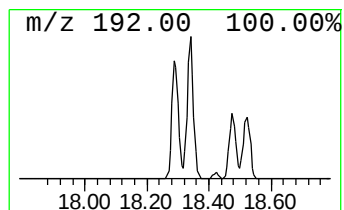
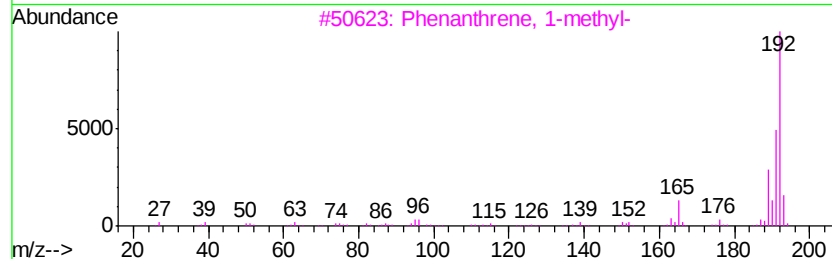
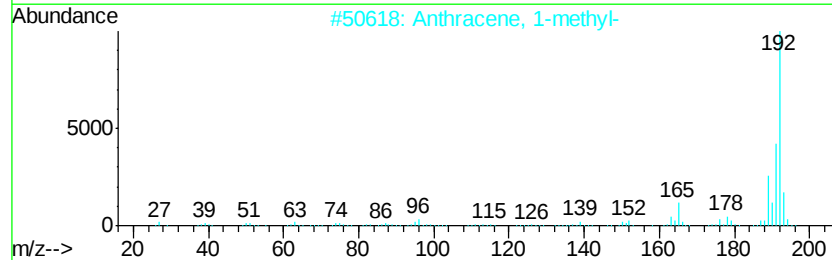
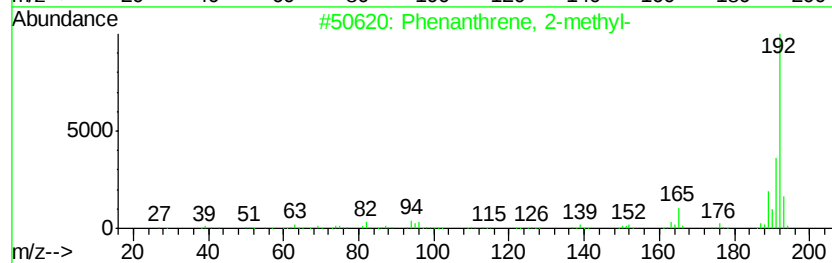
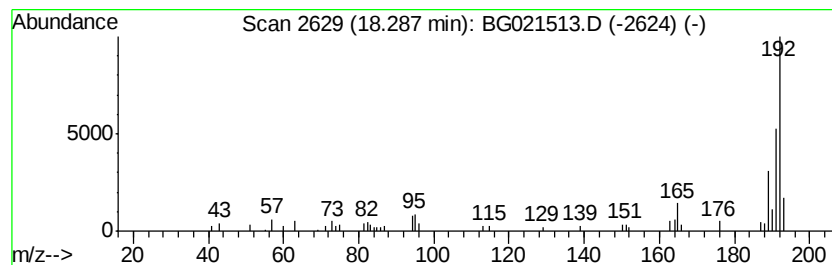
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.29	3.02 ng/ul	38736	Phenanthrene-d10	17.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



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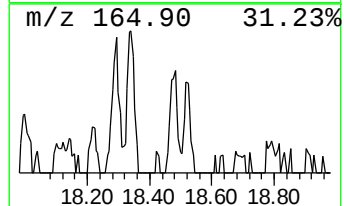
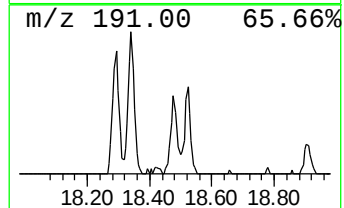
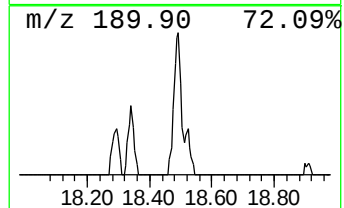
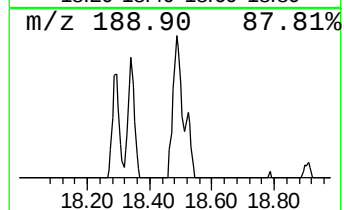
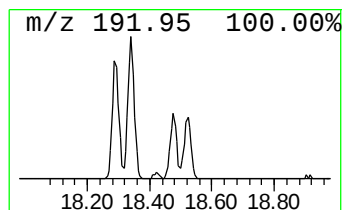
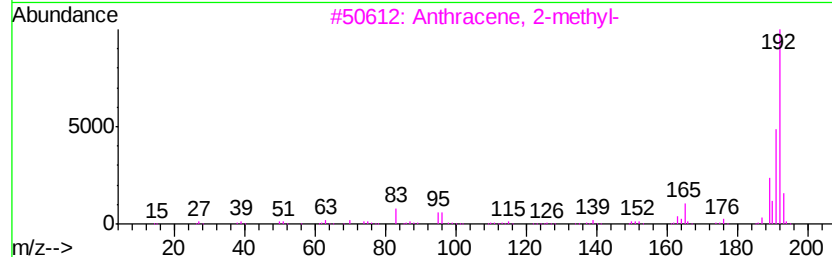
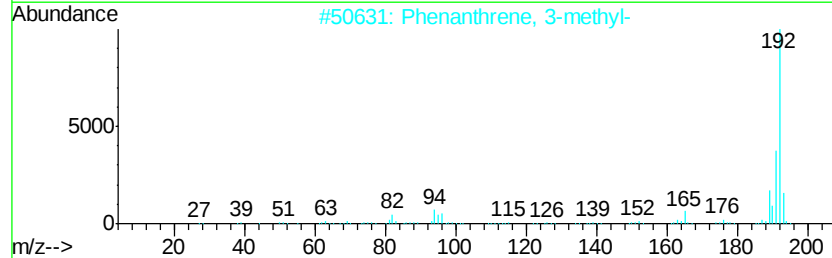
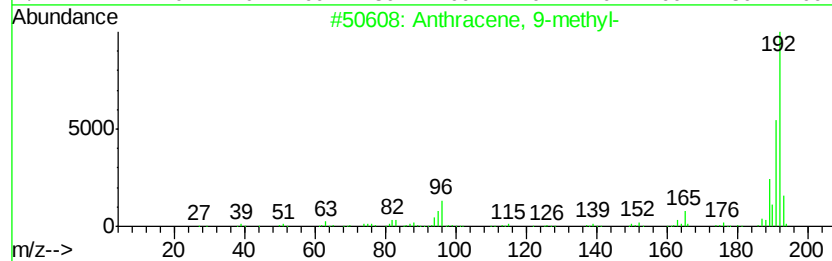
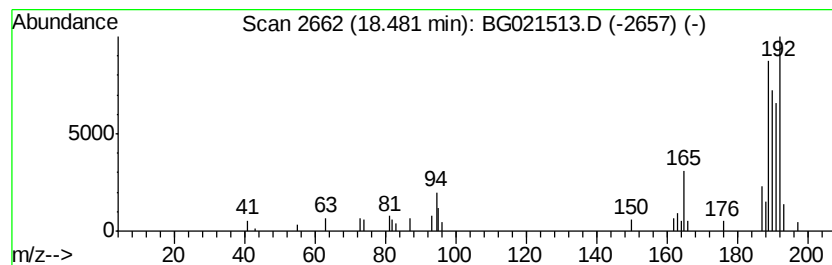
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.48	2.48 ng/ul	31823	Phenanthrene-d10	17.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	53
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46



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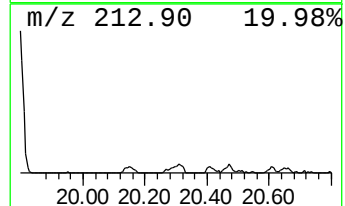
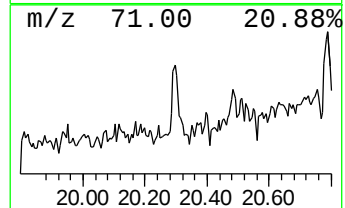
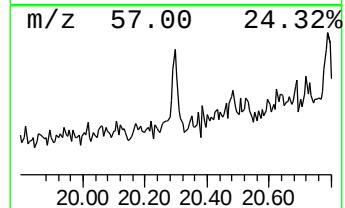
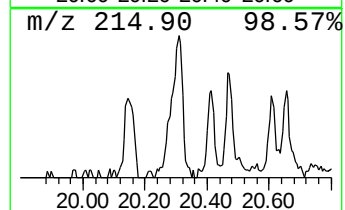
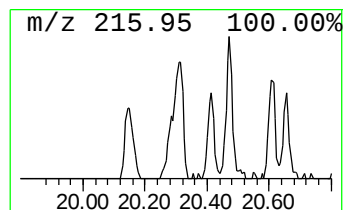
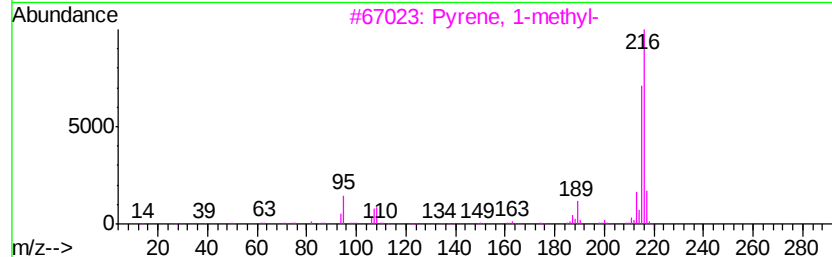
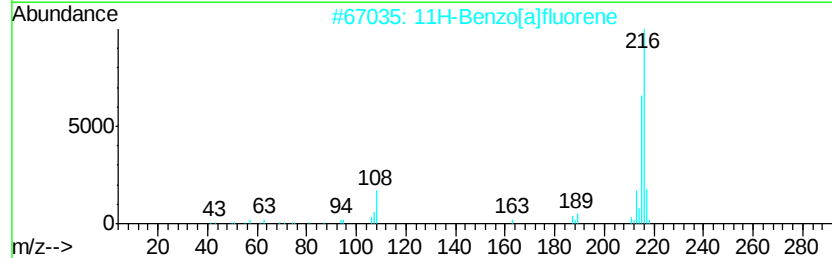
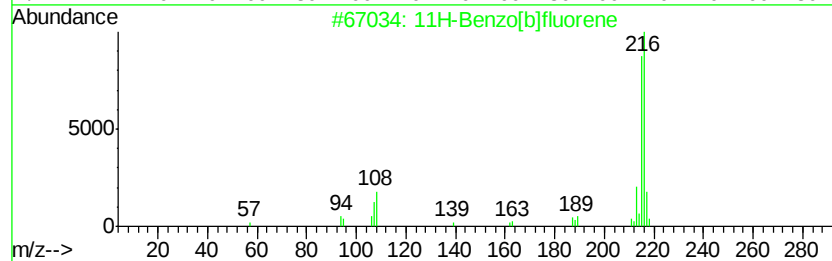
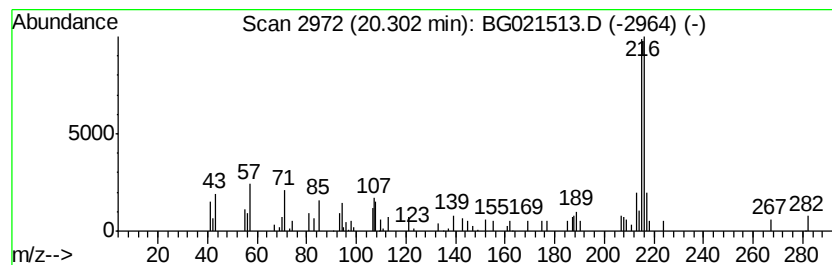
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.28 ng/ul	41599	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	58
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021513.D
Acq On : 25 Mar 2016 14:19
Operator : UM/SJ
Sample : H1909-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4T47

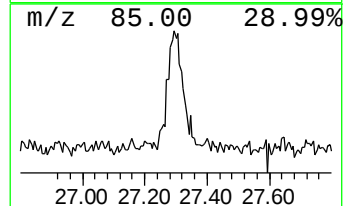
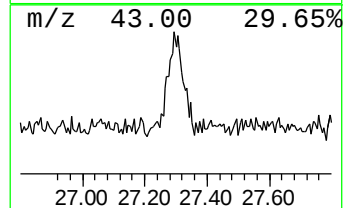
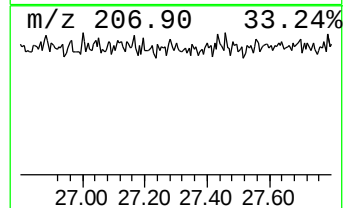
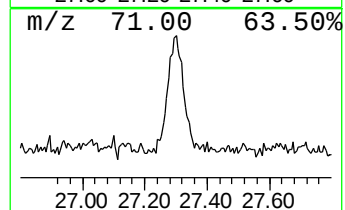
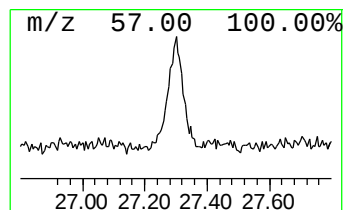
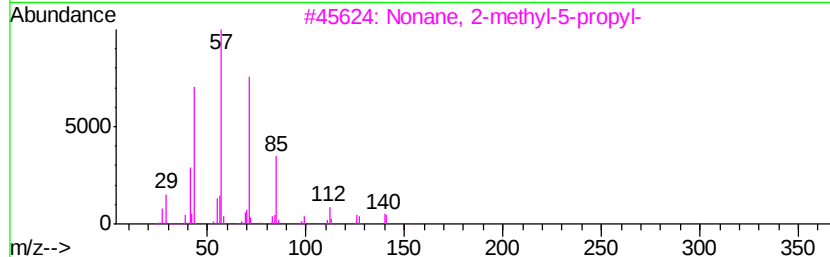
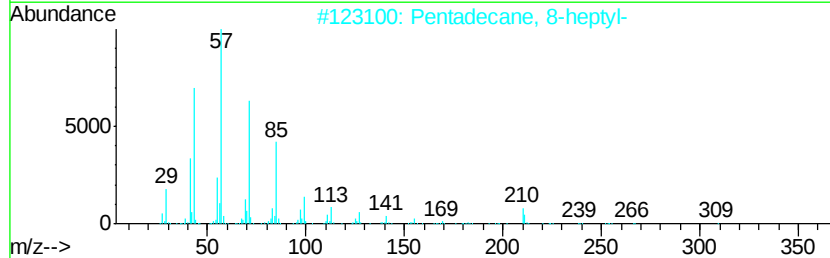
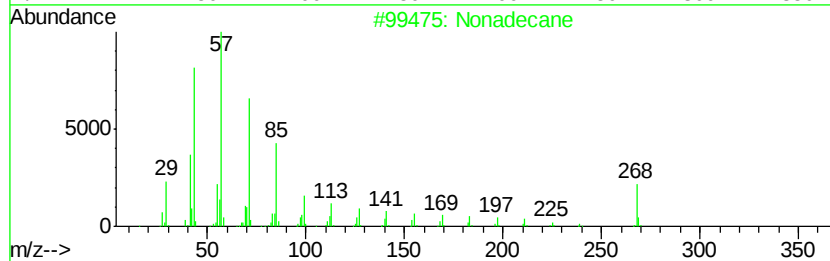
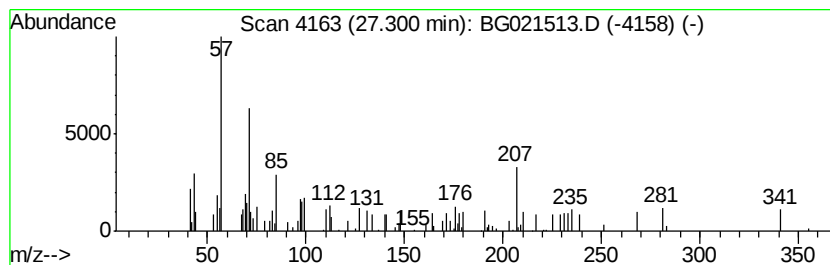
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.30	3.33 ng/ul	51507	Perylene-d12	24.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	35
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	35
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	27
4		Octacosane	394	C28H58	000630-02-4	27
5		Hexadecane	226	C16H34	000544-76-3	27



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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4T47

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.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, 2-m...	18.29	3.0	ng/ul	38736	4	17.42	256876	20.0
Anthracene, 9-met...	18.48	2.5	ng/ul	31823	4	17.42	256876	20.0
11H-Benzo[b]fluorene	20.30	2.3	ng/ul	41599	5	21.68	365368	20.0
(DEL) Alkane: Str...	27.30	3.3	ng/ul	51507	6	24.90	309740	20.0