

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020467.D
 Acq On : 21 May 2019 19:31
 Operator : JU/SJ
 Sample : K2923-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4250

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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	6.893	659	664	675	rVB	119444	215247	13.88%	1.275%
2	7.063	688	693	705	rBV	87389	158573	10.23%	0.940%
3	7.251	720	725	732	rBV	140633	221688	14.30%	1.313%
4	7.722	800	805	814	rBV	185432	302495	19.51%	1.792%
5	8.428	919	925	939	rVB	128848	230402	14.86%	1.365%
6	8.892	998	1004	1017	rBV	107621	197522	12.74%	1.170%
7	9.610	1120	1126	1132	rBV	84118	143953	9.28%	0.853%
8	10.139	1209	1216	1225	rBV	128317	241446	15.57%	1.431%
9	10.510	1273	1279	1286	rBV	218494	375114	24.19%	2.223%
10	10.563	1286	1288	1297	rVB2	7998	11105	0.72%	0.066%
11	10.669	1300	1306	1318	rBV	72744	154365	9.95%	0.915%
12	12.186	1560	1564	1573	rVB3	4029	8055	0.52%	0.048%
13	12.410	1596	1602	1609	rVB2	3957	7606	0.49%	0.045%
14	13.692	1816	1820	1824	rVB3	2853	4055	0.26%	0.024%
15	13.786	1831	1836	1840	rVV	244936	339159	21.87%	2.009%
16	13.833	1840	1844	1850	rVB	72003	106030	6.84%	0.628%
17	14.069	1878	1884	1895	rBV	280925	464559	29.96%	2.752%
18	14.251	1909	1915	1920	rBV4	5610	12219	0.79%	0.072%
19	14.374	1930	1936	1944	rVV2	326390	475770	30.68%	2.819%
20	14.439	1944	1947	1950	rVB2	2898	3701	0.24%	0.022%
21	14.604	1969	1975	1987	rBV2	27099	70770	4.56%	0.419%
22	14.698	1989	1991	1996	rVV3	2528	4257	0.27%	0.025%
23	14.780	2000	2005	2010	rVV4	6339	10801	0.70%	0.064%
24	15.368	2098	2105	2111	rBV	356192	509330	32.85%	3.018%
25	15.421	2111	2114	2125	rVB4	8109	17340	1.12%	0.103%
26	15.510	2125	2129	2138	rBV	68131	94047	6.07%	0.557%
27	15.721	2161	2165	2169	rVB3	5703	7688	0.50%	0.046%
28	15.868	2186	2190	2198	rVB2	5263	9514	0.61%	0.056%
29	16.439	2283	2287	2289	rVB4	3605	3986	0.26%	0.024%
30	16.657	2320	2324	2328	rBV2	5991	9293	0.60%	0.055%
31	16.698	2328	2331	2334	rVV2	4814	6215	0.40%	0.037%
32	16.786	2342	2346	2352	rBV3	11888	18474	1.19%	0.109%
33	16.857	2352	2358	2364	rVB4	6117	12093	0.78%	0.072%
34	16.951	2369	2374	2381	rVB2	6261	10802	0.70%	0.064%

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35	17.127	2398	2404	2408	rBV2	424249	597631	38.54%	3.541%
36	17.168	2408	2411	2416	rVV	280835	381424	24.60%	2.260%
37	17.227	2416	2421	2425	rVV	395604	568298	36.65%	3.367%
38	17.257	2425	2426	2436	rVV	51317	72490	4.67%	0.429%
39	17.327	2436	2438	2444	rVB3	3552	6630	0.43%	0.039%
40	17.451	2456	2459	2463	rVB3	3969	4365	0.28%	0.026%
41	17.545	2466	2475	2481	rBV3	14125	29350	1.89%	0.174%
42	17.598	2482	2484	2488	rVB5	5957	7468	0.48%	0.044%
43	17.645	2488	2492	2497	rBV	7784	10443	0.67%	0.062%
44	17.715	2500	2504	2511	rBV4	4024	9634	0.62%	0.057%
45	17.927	2536	2540	2544	rBV3	2794	4238	0.27%	0.025%
46	18.004	2548	2553	2557	rVV2	66184	95593	6.16%	0.566%
47	18.051	2557	2561	2568	rVV	60913	89068	5.74%	0.528%
48	18.133	2570	2575	2579	rVV2	11376	18967	1.22%	0.112%
49	18.198	2580	2586	2590	rVV2	46118	87018	5.61%	0.516%
50	18.233	2590	2592	2598	rVV2	27784	37001	2.39%	0.219%
51	18.298	2600	2603	2605	rVV4	3393	4571	0.29%	0.027%
52	18.362	2610	2614	2617	rBV3	4318	6142	0.40%	0.036%
53	18.398	2617	2620	2625	rBV5	2152	3718	0.24%	0.022%
54	18.451	2625	2629	2633	rBV6	2945	3694	0.24%	0.022%
55	18.509	2633	2639	2643	rVV	30529	41072	2.65%	0.243%
56	18.557	2643	2647	2654	rVV2	36809	56281	3.63%	0.333%
57	18.751	2677	2680	2684	rVB4	7921	10299	0.66%	0.061%
58	18.804	2684	2689	2692	rBV4	10791	14275	0.92%	0.085%
59	18.845	2692	2696	2701	rVB2	8986	9693	0.63%	0.057%
60	18.921	2705	2709	2715	rBV2	29909	51789	3.34%	0.307%
61	18.974	2715	2718	2723	rVV5	8185	14517	0.94%	0.086%
62	19.015	2723	2725	2729	rVB	15437	16555	1.07%	0.098%
63	19.074	2729	2735	2743	rBV2	43044	76242	4.92%	0.452%
64	19.192	2746	2755	2763	rBV	776568	1014987	65.46%	6.014%
65	19.251	2763	2765	2768	rBV4	5768	5441	0.35%	0.032%
66	19.292	2768	2772	2777	rBV7	26748	34242	2.21%	0.203%
67	19.345	2777	2781	2785	rBV	53482	70698	4.56%	0.419%
68	19.404	2786	2791	2794	rBV4	12797	22638	1.46%	0.134%
69	19.445	2794	2798	2799	rVV	11552	12080	0.78%	0.072%
70	19.527	2806	2812	2815	rBV2	672386	1009848	65.12%	5.983%
71	19.556	2815	2817	2825	rVV	649509	789274	50.90%	4.676%

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72	19.627	2825	2829	2835	rVB2	37528	53561	3.45%	0.317%
73	19.739	2844	2848	2854	rVB	35623	53234	3.43%	0.315%
74	19.792	2854	2857	2864	rVB6	15144	26620	1.72%	0.158%
75	19.886	2866	2873	2879	rBV2	43789	112110	7.23%	0.664%
76	20.027	2890	2897	2898	rBV4	35353	69583	4.49%	0.412%
77	20.051	2899	2901	2906	rVB2	49730	62088	4.00%	0.368%
78	20.115	2910	2912	2914	rBV3	6616	7461	0.48%	0.044%
79	20.156	2915	2919	2921	rBV3	17204	20751	1.34%	0.123%
80	20.209	2921	2928	2933	rBV2	57452	107777	6.95%	0.639%
81	20.251	2933	2935	2938	rVB5	11686	10881	0.70%	0.064%
82	20.292	2938	2942	2944	rBV4	20562	22777	1.47%	0.135%
83	20.351	2948	2952	2956	rBV	36658	56359	3.63%	0.334%
84	20.398	2956	2960	2963	rVV3	29638	40903	2.64%	0.242%
85	20.598	2992	2994	2995	rBV2	11199	10264	0.66%	0.061%
86	20.803	3025	3029	3035	rBV	94082	147701	9.53%	0.875%
87	20.968	3053	3057	3061	rBV2	47814	75802	4.89%	0.449%
88	21.009	3061	3064	3068	rVV2	80084	127832	8.24%	0.757%
89	21.045	3068	3070	3076	rVV2	62075	107335	6.92%	0.636%
90	21.103	3076	3080	3087	rVB	87934	125978	8.12%	0.746%
91	21.321	3110	3117	3121	rBV2	811972	1550639	100.00%	9.187%
92	21.362	3121	3124	3135	rVB	366564	525227	33.87%	3.112%
93	21.539	3151	3154	3157	rBV3	43995	49511	3.19%	0.293%
94	21.880	3209	3212	3217	rVB2	64367	92537	5.97%	0.548%
95	22.362	3290	3294	3300	rBV6	100112	193642	12.49%	1.147%
96	22.915	3382	3388	3393	rBV	337099	804884	51.91%	4.769%
97	23.403	3466	3471	3474	rBV	168677	297601	19.19%	1.763%
98	23.450	3474	3479	3484	rVV2	483269	944615	60.92%	5.597%
99	23.497	3484	3487	3494	rVB	310991	511096	32.96%	3.028%
100	23.597	3498	3504	3510	rBV	469478	923751	59.57%	5.473%

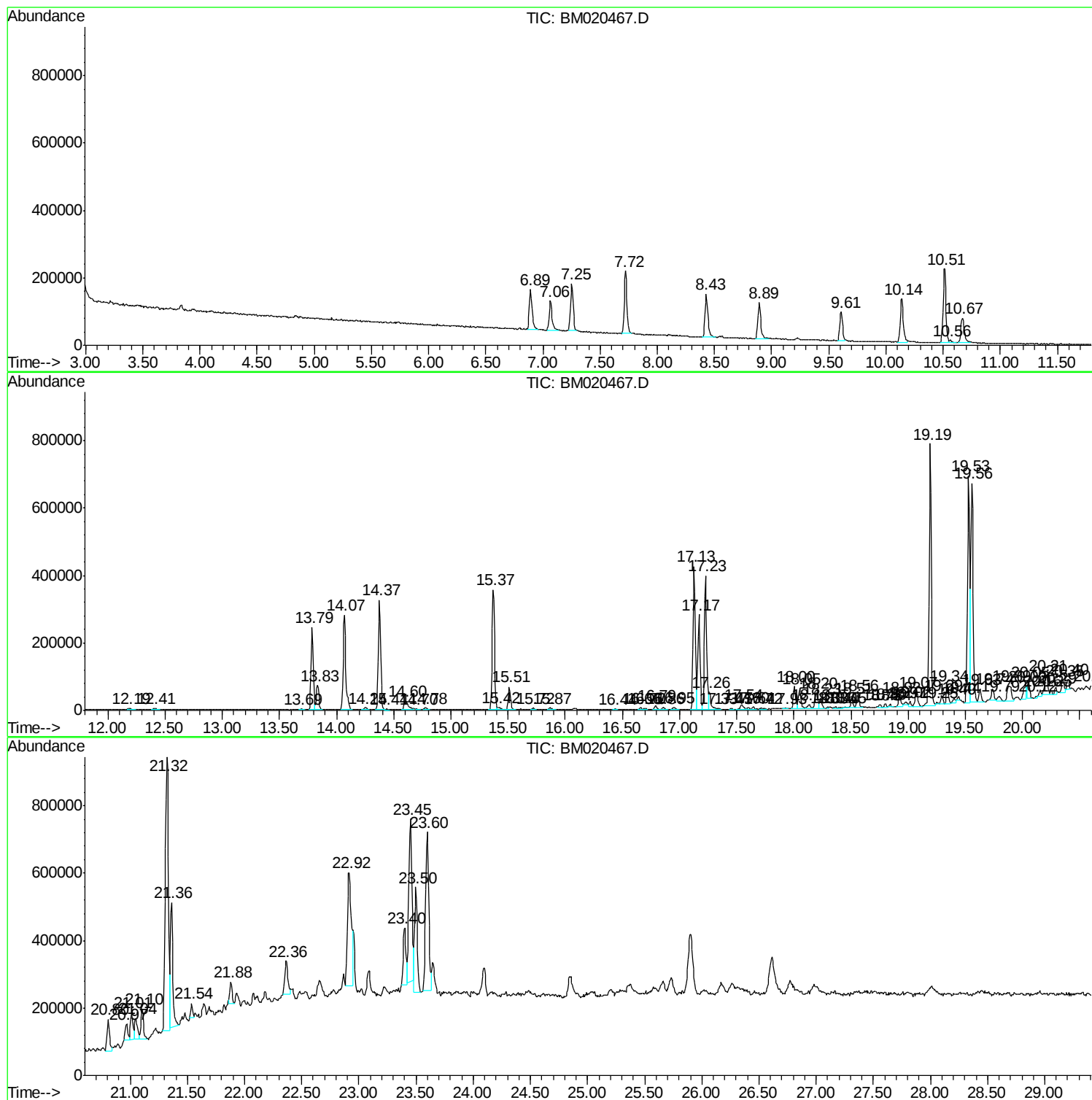
Sum of corrected areas: 16877868

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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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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ClientSampled :
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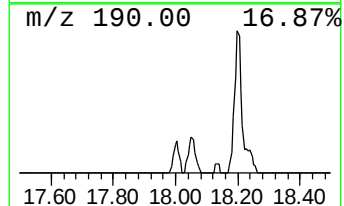
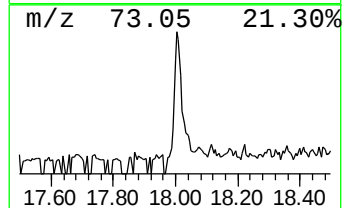
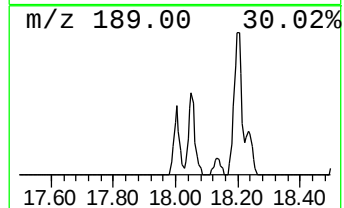
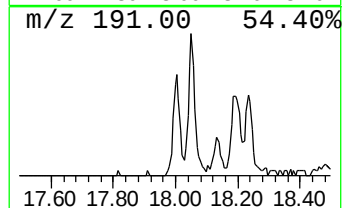
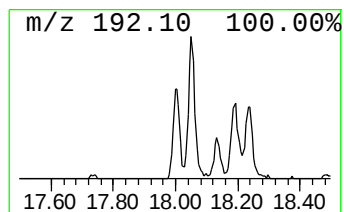
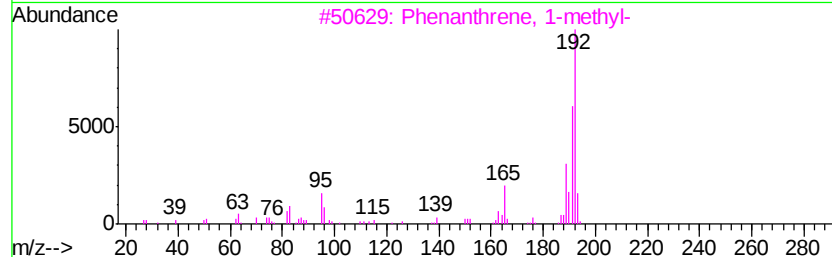
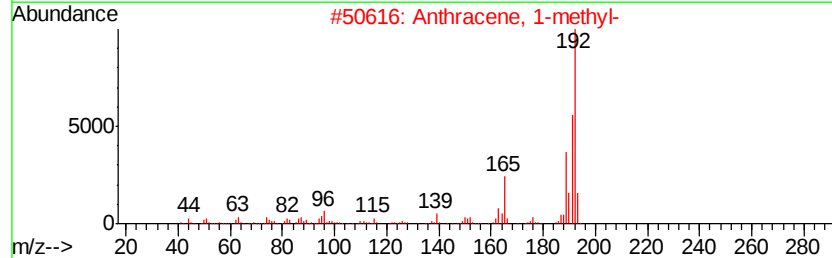
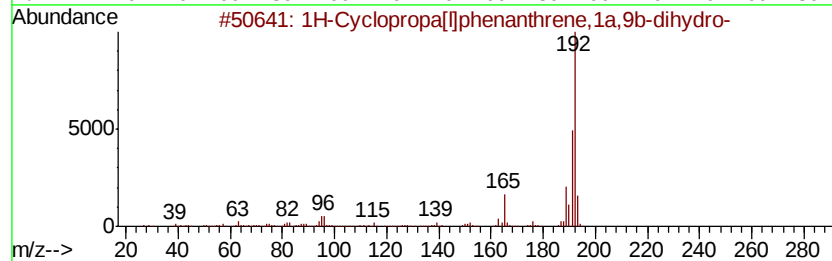
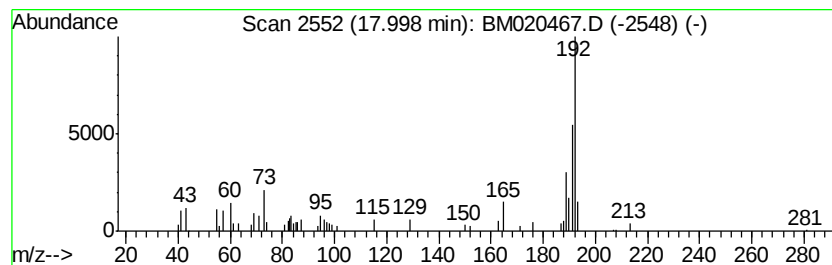
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.20 ng/ul	95593	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	70



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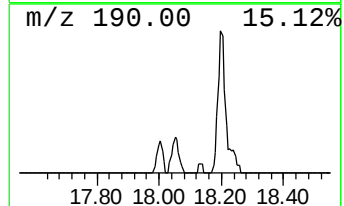
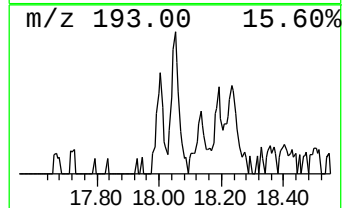
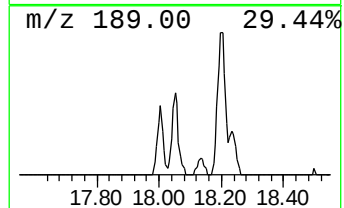
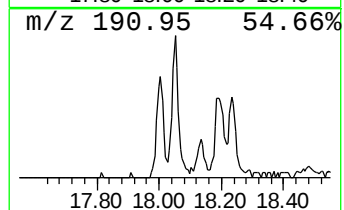
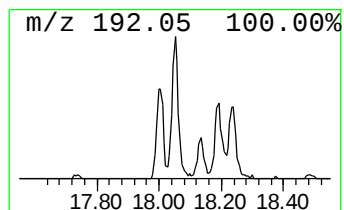
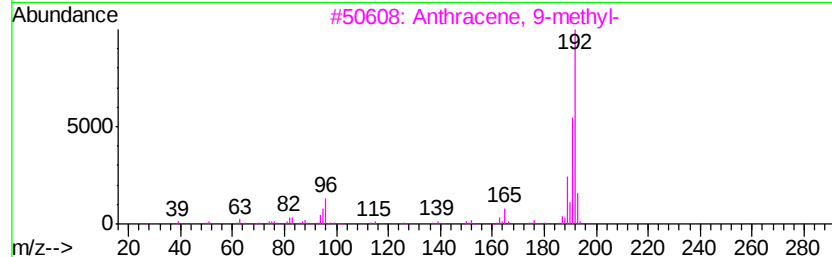
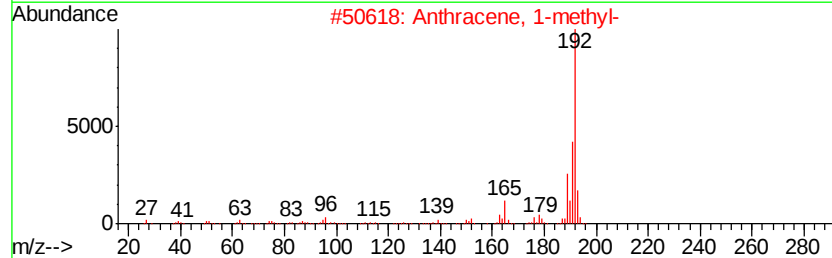
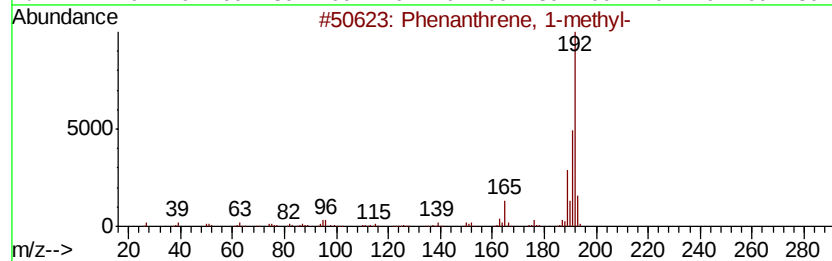
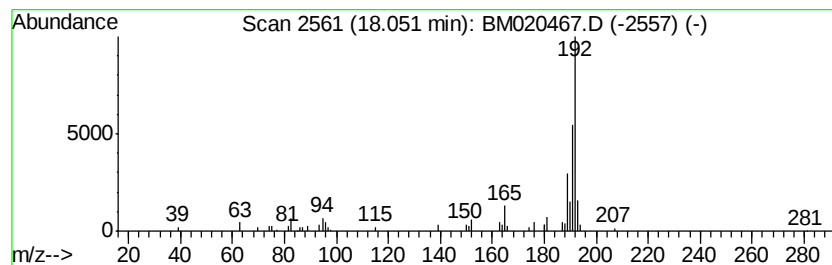
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.05	2.98 ng/ul	89068	Phenanthrene-d10		17.13	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94



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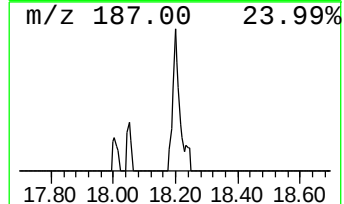
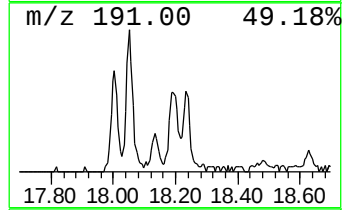
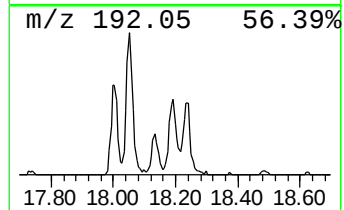
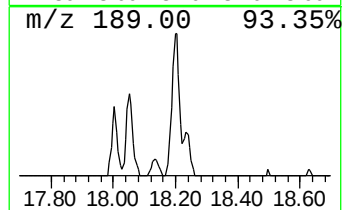
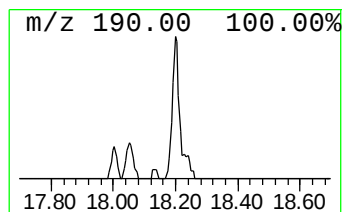
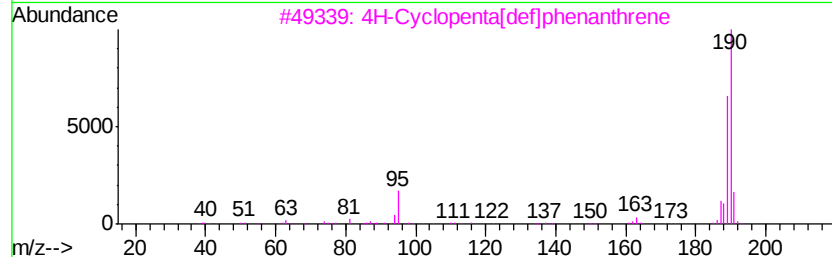
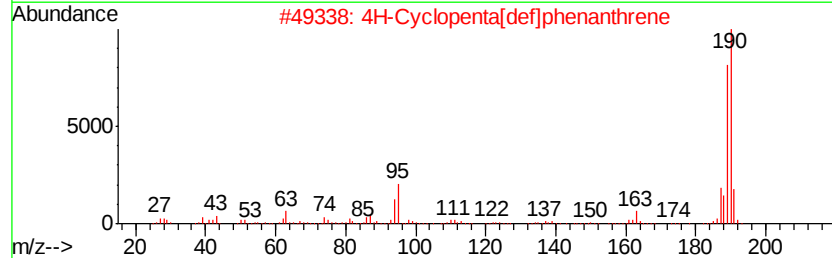
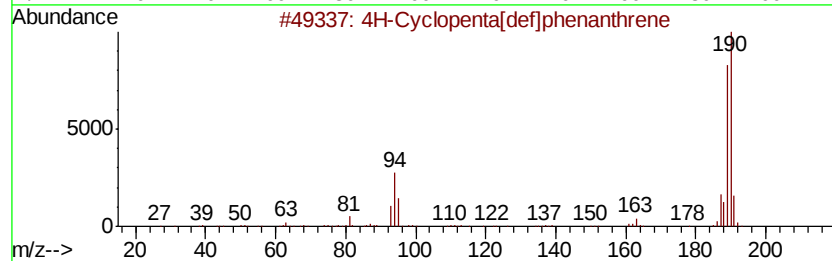
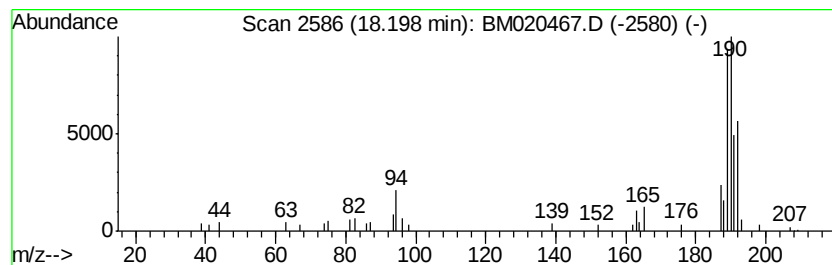
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.91 ng/ul	87018	Phenanthrene-d10	17.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	50
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020467.D
Acq On : 21 May 2019 19:31
Operator : JU/SJ
Sample : K2923-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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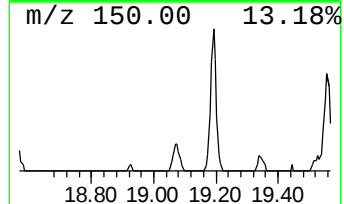
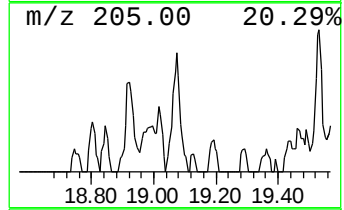
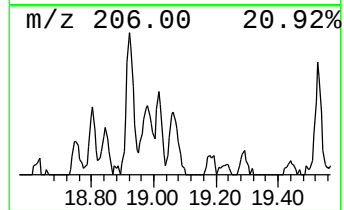
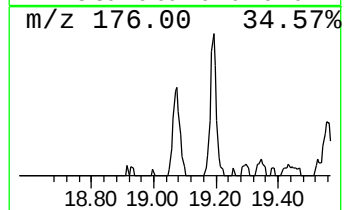
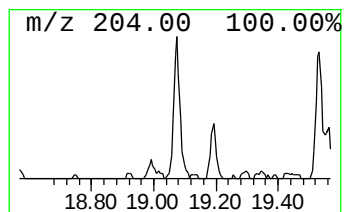
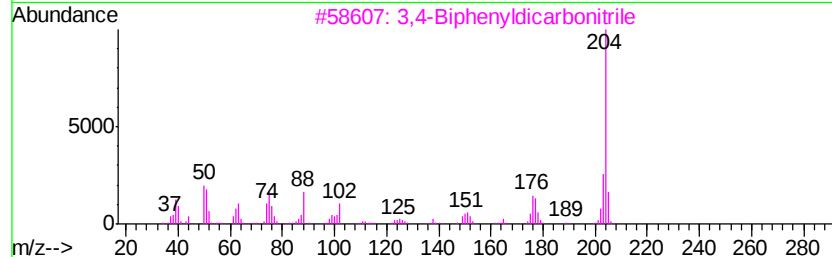
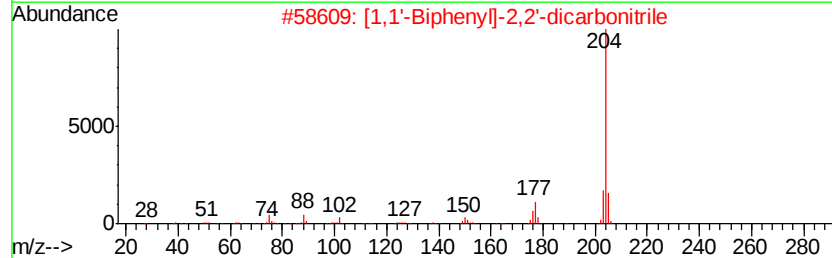
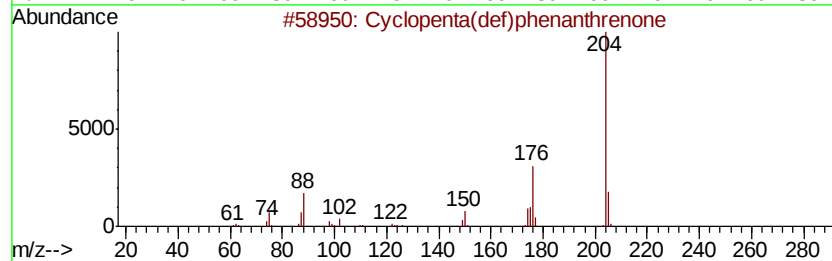
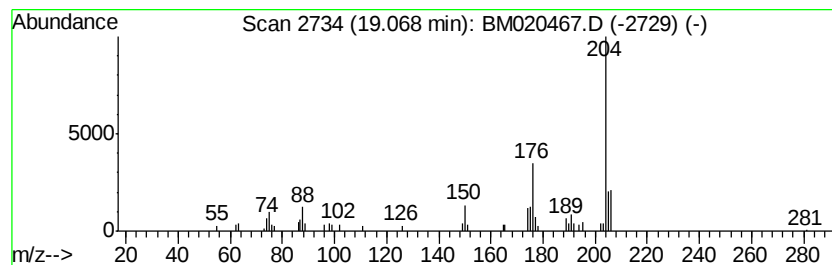
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.55 ng/ul	76242	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
5		Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020467.D
Acq On : 21 May 2019 19:31
Operator : JU/SJ
Sample : K2923-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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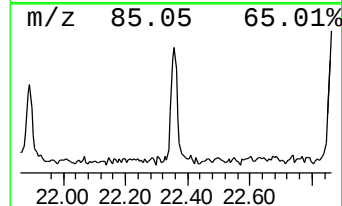
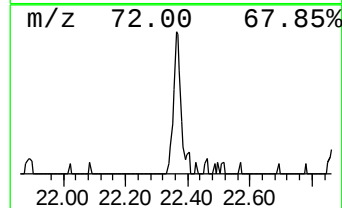
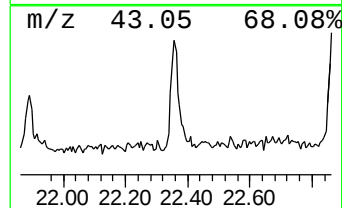
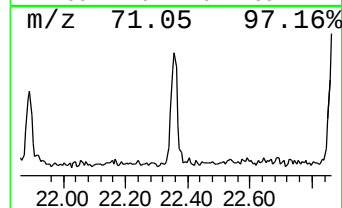
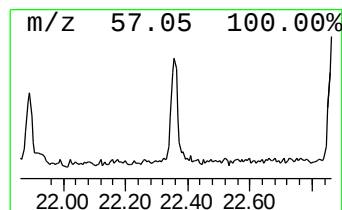
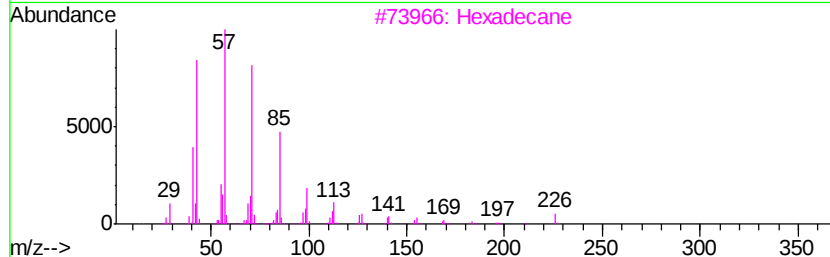
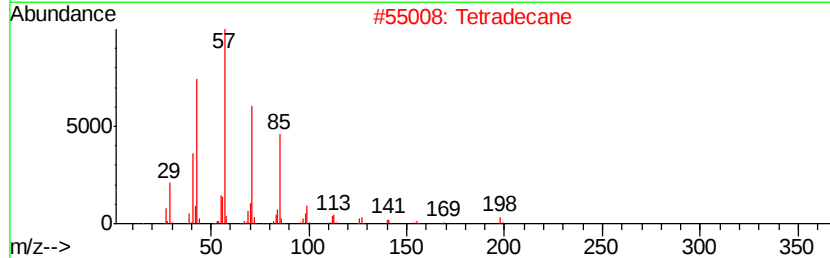
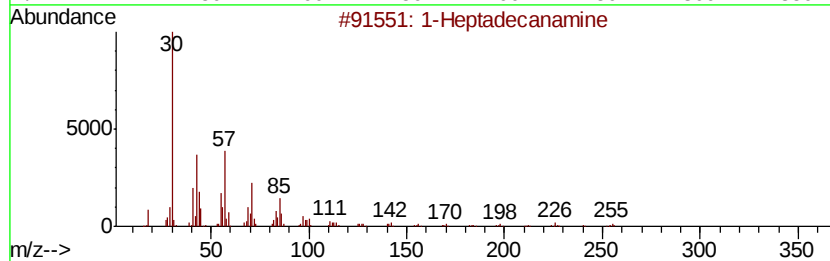
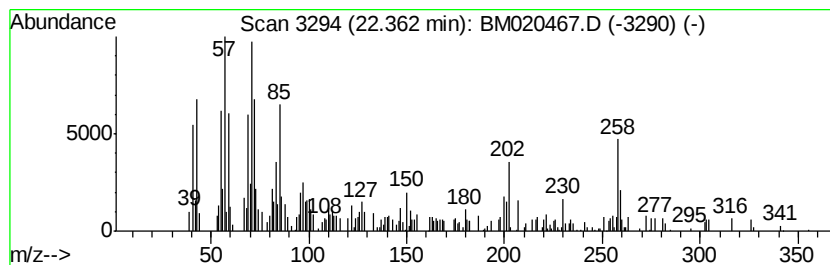
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.50 ng/ul	193642	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanamine	255	C17H37N	004200-95-7	45
2	Tetradecane	198	C14H30	000629-59-4	38
3	Hexadecane	226	C16H34	000544-76-3	38
4	Hexadecane	226	C16H34	000544-76-3	38
5	Octadecane	254	C18H38	000593-45-3	38



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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4250

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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
1H-Cyclopropa[l]p...	18.00	3.2	ng/ul	95593	4	17.13	597631	20.0
Phenanthrene, 1-m...	18.05	3.0	ng/ul	89068	4	17.13	597631	20.0
4H-Cyclopenta[def...	18.20	2.9	ng/ul	87018	4	17.13	597631	20.0
Cyclopenta(def)ph...	19.07	2.5	ng/ul	76242	4	17.13	597631	20.0
unknown-01	22.36	2.5	ng/ul	193642	5	21.33	1550640	20.0