

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005871.D
 Acq On : 23 May 2019 03:32
 Operator : JU/SJ
 Sample : K2927-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A7

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_N\METHODS\SOM-EPA-BN051819MA.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	6.769	638	643	659	rVB	142176	353947	12.59%	1.025%
2	6.911	662	667	678	rVB	141544	236465	8.41%	0.685%
3	7.105	695	700	713	rBV	198024	363625	12.94%	1.053%
4	7.558	772	777	788	rVB	357485	629023	22.38%	1.821%
5	8.287	895	901	916	rBV2	181547	401039	14.27%	1.161%
6	8.716	967	974	986	rBV	194776	372194	13.24%	1.077%
7	9.428	1089	1095	1107	rBV2	147967	290376	10.33%	0.841%
8	9.993	1184	1191	1212	rBV	152016	461668	16.42%	1.336%
9	10.322	1240	1247	1254	rBV	520846	899092	31.98%	2.603%
10	10.510	1273	1279	1296	rBV4	35058	115367	4.10%	0.334%
11	12.022	1530	1536	1546	rBV4	6805	16184	0.58%	0.047%
12	12.240	1567	1573	1580	rBV3	6181	13385	0.48%	0.039%
13	13.522	1784	1791	1796	rBV2	11651	21764	0.77%	0.063%
14	13.616	1801	1807	1812	rVV	554488	808804	28.77%	2.341%
15	13.669	1812	1816	1823	rVV	159248	259239	9.22%	0.750%
16	13.887	1847	1853	1865	rBV	600030	1010893	35.96%	2.926%
17	14.022	1872	1876	1880	rVB2	10845	13646	0.49%	0.040%
18	14.110	1883	1891	1895	rBV5	7217	11759	0.42%	0.034%
19	14.198	1900	1906	1913	rVV2	865476	1308147	46.53%	3.787%
20	14.263	1913	1917	1925	rVB	54210	81537	2.90%	0.236%
21	14.493	1951	1956	1972	rBV5	58885	225553	8.02%	0.653%
22	14.616	1972	1977	1986	rVV	54020	105342	3.75%	0.305%
23	14.687	1986	1989	1995	rVB3	12496	19627	0.70%	0.057%
24	14.828	2007	2013	2019	rBV5	10563	24555	0.87%	0.071%
25	15.075	2051	2055	2060	rBV5	9835	12558	0.45%	0.036%
26	15.204	2070	2077	2083	rVV	822276	1214204	43.19%	3.515%
27	15.263	2083	2087	2093	rVV	63054	100038	3.56%	0.290%
28	15.381	2099	2107	2112	rBV3	73097	146534	5.21%	0.424%
29	15.428	2112	2115	2117	rVV3	17095	26299	0.94%	0.076%
30	15.469	2121	2122	2127	rVV4	10887	15233	0.54%	0.044%
31	15.563	2134	2138	2143	rVV2	23516	36361	1.29%	0.105%
32	15.710	2160	2163	2169	rVB3	22430	42149	1.50%	0.122%
33	15.804	2169	2179	2183	rVB9	9124	22285	0.79%	0.065%
34	15.945	2198	2203	2208	rBV6	19326	42806	1.52%	0.124%

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35	16.269	2250	2258	2262	rBV4	19889	36725	1.31%	0.106%
36	16.316	2262	2266	2271	rVB5	15821	22297	0.79%	0.065%
37	16.416	2280	2283	2288	rVB4	12150	15269	0.54%	0.044%
38	16.498	2293	2297	2300	rBV3	15255	20960	0.75%	0.061%
39	16.540	2300	2304	2307	rVB4	15475	17708	0.63%	0.051%
40	16.628	2314	2319	2325	rVB3	43033	69791	2.48%	0.202%
41	16.710	2325	2333	2340	rBV8	30683	86981	3.09%	0.252%
42	16.781	2340	2345	2352	rVB	55683	85633	3.05%	0.248%
43	16.957	2369	2375	2379	rBV	1183983	1755706	62.46%	5.082%
44	16.998	2379	2382	2387	rVV	952208	1257409	44.73%	3.640%
45	17.057	2387	2392	2397	rVV2	937967	1438007	51.15%	4.163%
46	17.098	2397	2399	2405	rVB	193043	218492	7.77%	0.632%
47	17.169	2405	2411	2416	rBV3	19342	39096	1.39%	0.113%
48	17.245	2421	2424	2428	rBV6	8643	12897	0.46%	0.037%
49	17.381	2440	2447	2460	rBV2	78509	199718	7.10%	0.578%
50	17.481	2460	2464	2467	rVB3	15585	22420	0.80%	0.065%
51	17.687	2494	2499	2503	rBV5	20555	34306	1.22%	0.099%
52	17.769	2510	2513	2517	rBV4	7657	11417	0.41%	0.033%
53	17.839	2519	2525	2528	rBV	128293	187744	6.68%	0.543%
54	17.887	2528	2533	2539	rVV	199437	365287	12.99%	1.057%
55	17.934	2539	2541	2544	rVV	20912	27451	0.98%	0.079%
56	17.975	2544	2548	2552	rVV	62778	89992	3.20%	0.261%
57	18.034	2552	2558	2562	rVV2	188638	327285	11.64%	0.947%
58	18.075	2562	2565	2574	rVB	95794	135285	4.81%	0.392%
59	18.157	2575	2579	2583	rBV5	21731	38042	1.35%	0.110%
60	18.245	2591	2594	2598	rBV6	17766	23103	0.82%	0.067%
61	18.345	2607	2611	2617	rBV	99607	147114	5.23%	0.426%
62	18.410	2617	2622	2629	rVV	83691	132709	4.72%	0.384%
63	18.475	2629	2633	2635	rVB4	15169	16107	0.57%	0.047%
64	18.598	2646	2654	2658	rBV5	38766	81461	2.90%	0.236%
65	18.651	2659	2663	2666	rVV	40083	49457	1.76%	0.143%
66	18.692	2666	2670	2675	rVB	33355	41487	1.48%	0.120%
67	18.769	2678	2683	2687	rBV	112915	169157	6.02%	0.490%
68	18.828	2687	2693	2697	rVV4	49225	118261	4.21%	0.342%
69	18.863	2697	2699	2703	rVB2	42676	44776	1.59%	0.130%
70	18.928	2703	2710	2715	rBV3	80149	161811	5.76%	0.468%
71	19.034	2723	2728	2736	rVB	1494330	2011231	71.54%	5.822%

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72	19.104	2737	2740	2743	rBV2	31316	36989	1.32%	0.107%
73	19.145	2743	2747	2750	rBV4	29746	46755	1.66%	0.135%
74	19.186	2752	2754	2760	rVB2	44598	60189	2.14%	0.174%
75	19.281	2765	2770	2774	rVB4	59153	101182	3.60%	0.293%
76	19.375	2780	2786	2788	rBV	1389247	1915830	68.15%	5.546%
77	19.404	2788	2791	2800	rVV	1278933	1735872	61.75%	5.025%
78	19.486	2801	2805	2811	rVB2	91469	142431	5.07%	0.412%
79	19.592	2818	2823	2829	rBV	89019	132125	4.70%	0.382%
80	19.733	2842	2847	2849	rBV2	114945	188784	6.72%	0.546%
81	19.910	2874	2877	2884	rVB	201107	273098	9.71%	0.791%
82	20.010	2891	2894	2898	rBV	104680	127728	4.54%	0.370%
83	20.069	2899	2904	2909	rBV2	144977	249501	8.88%	0.722%
84	20.210	2925	2928	2932	rVB	84805	107996	3.84%	0.313%
85	20.257	2932	2936	2941	rBV2	104517	161440	5.74%	0.467%
86	20.680	3004	3008	3014	rVB	138747	192841	6.86%	0.558%
87	20.833	3031	3034	3037	rBV	123768	148074	5.27%	0.429%
88	20.869	3037	3040	3044	rVV	118783	126580	4.50%	0.366%
89	20.910	3044	3047	3056	rVV3	141154	279227	9.93%	0.808%
90	20.980	3056	3059	3063	rVB	141077	172682	6.14%	0.500%
91	21.110	3077	3081	3086	rBV	866518	905918	32.23%	2.622%
92	21.192	3088	3095	3098	rVV2	1535447	2811148	100.00%	8.138%
93	21.227	3098	3101	3106	rVB	634119	798678	28.41%	2.312%
94	21.351	3118	3122	3125	rBV2	104153	141654	5.04%	0.410%
95	21.745	3186	3189	3192	rVB	143597	160717	5.72%	0.465%
96	22.233	3269	3272	3276	rBV3	120319	149755	5.33%	0.434%
97	22.745	3352	3359	3363	rBV2	505089	1247875	44.39%	3.612%
98	23.204	3432	3437	3441	rBV	281269	514460	18.30%	1.489%
99	23.251	3441	3445	3449	rBV	585783	1034285	36.79%	2.994%
100	23.392	3463	3469	3474	rBV	725075	1366906	48.62%	3.957%

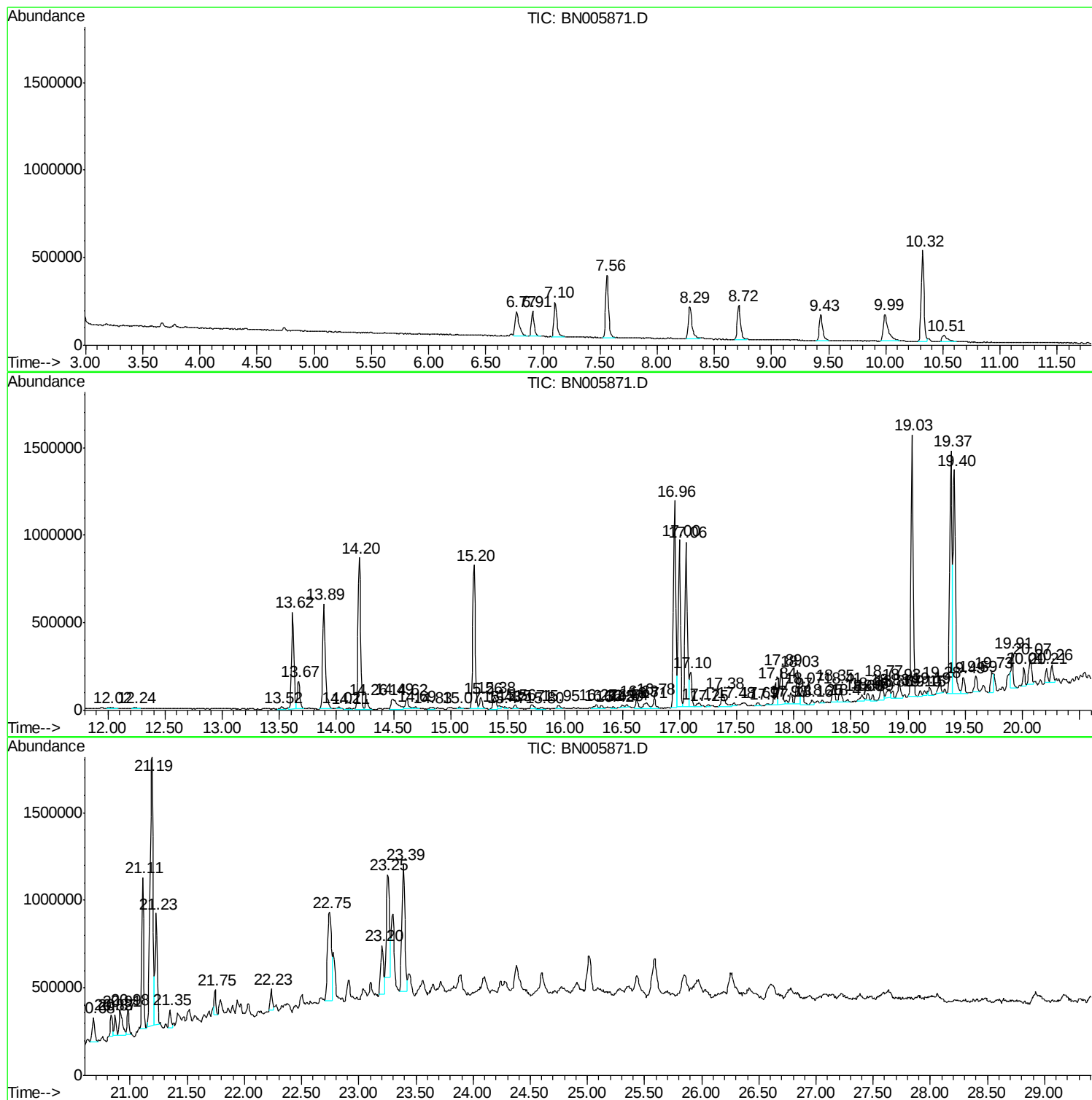
Sum of corrected areas: 34545010

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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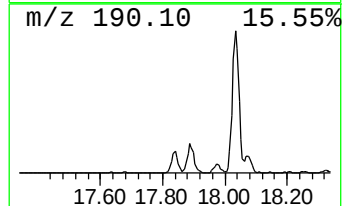
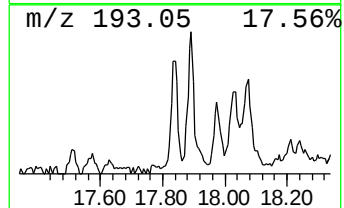
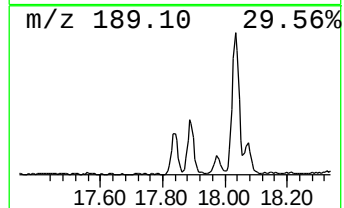
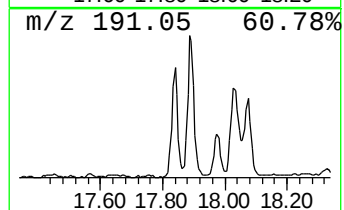
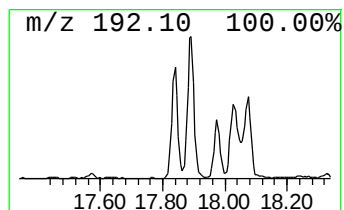
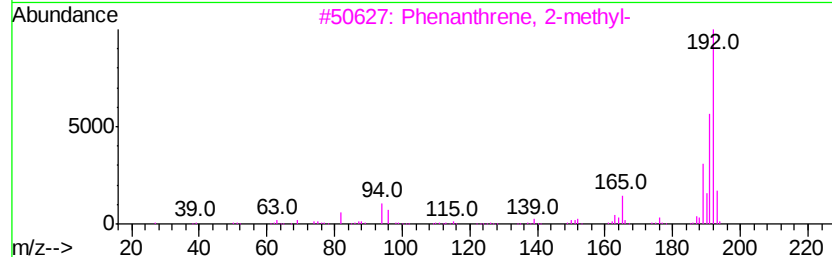
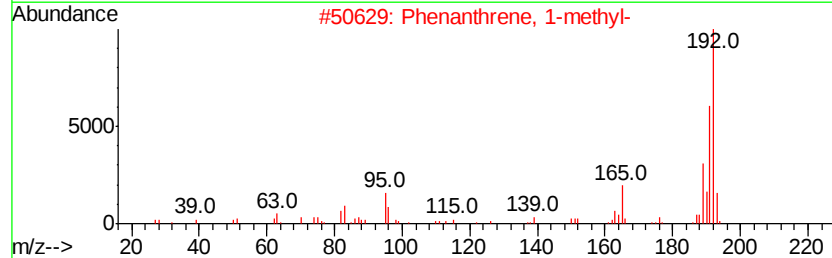
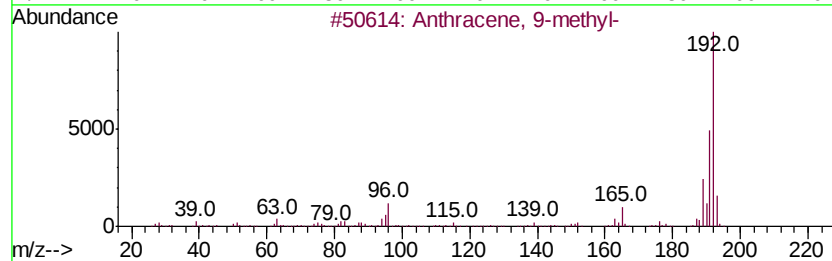
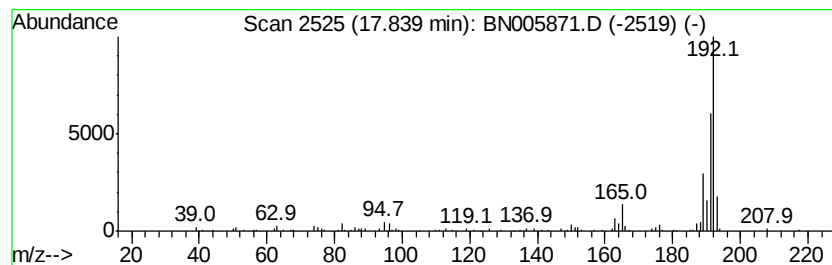
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.14 ng/ul	187744	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



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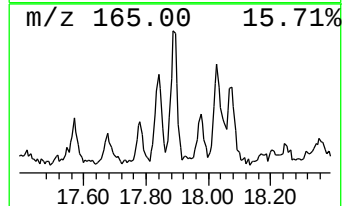
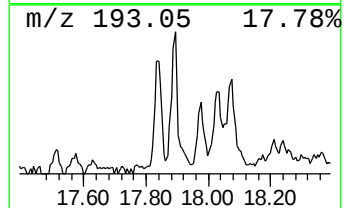
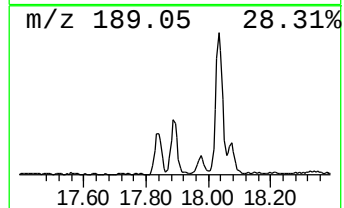
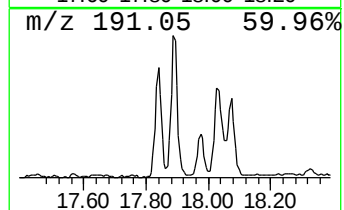
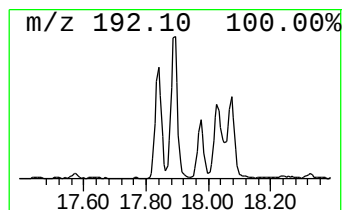
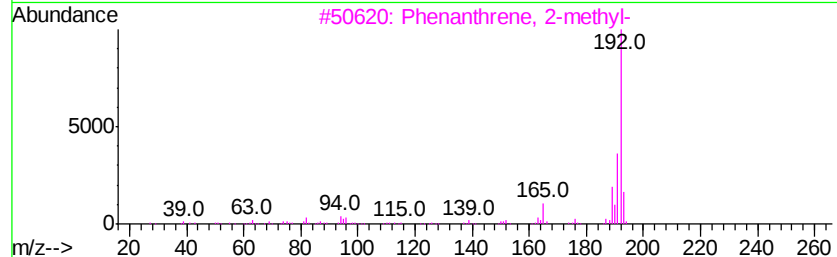
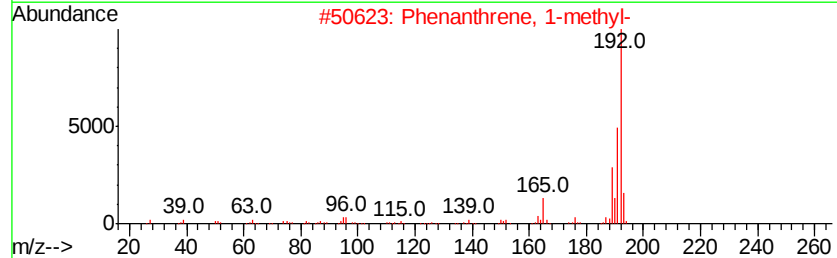
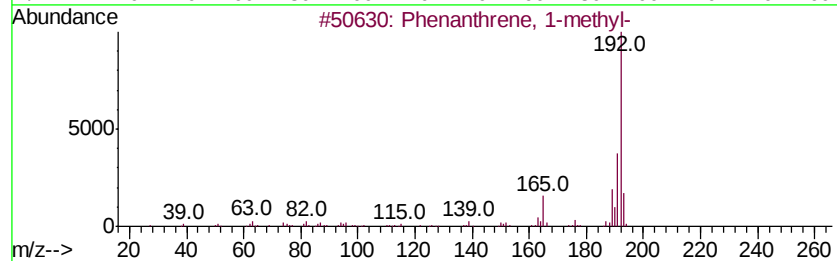
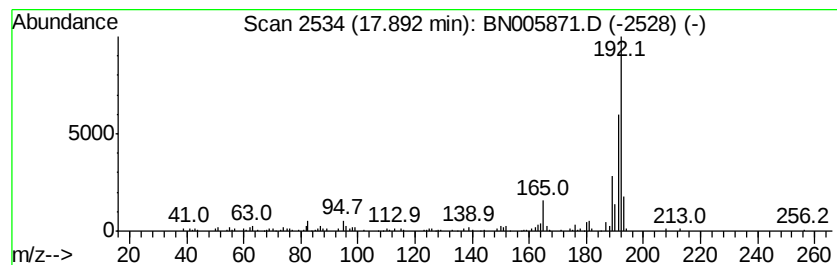
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.16 ng/ul	365287	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



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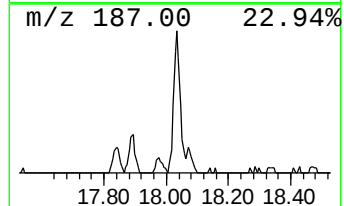
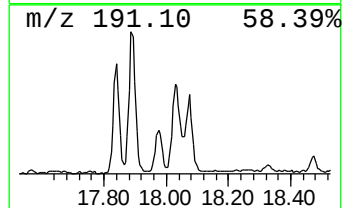
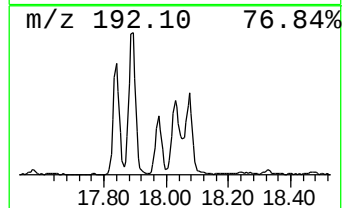
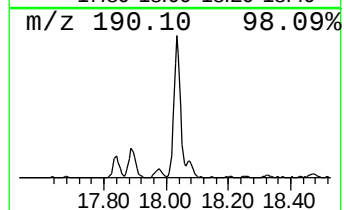
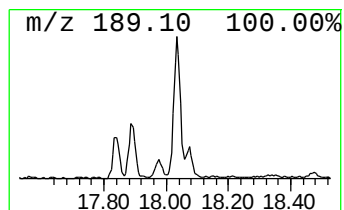
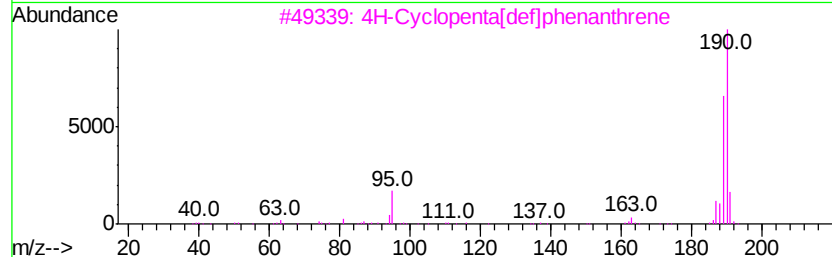
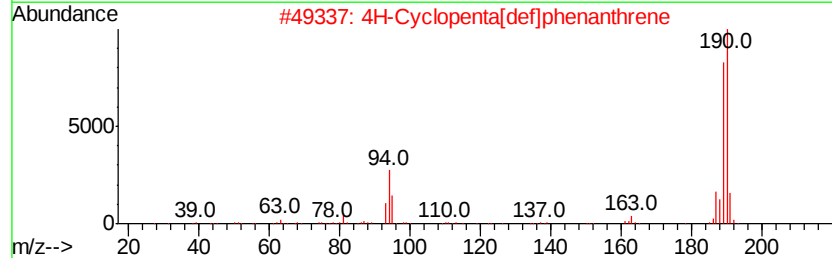
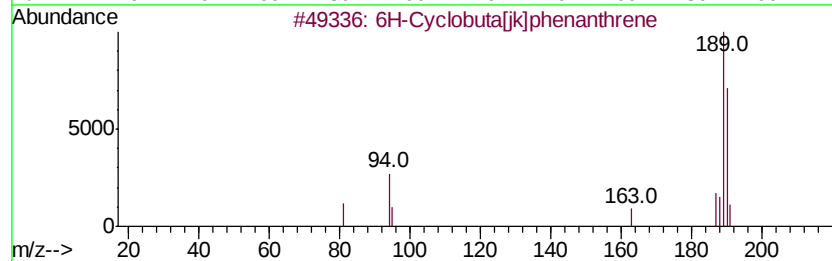
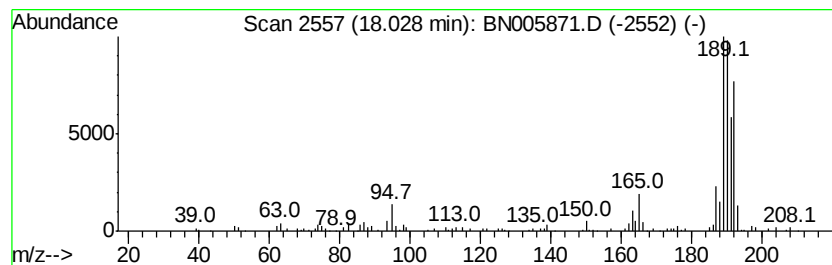
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 6H-Cyclobuta[jk]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.03	3.73 ng/ul	327285	Phenanthrene-d10		16.96		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta	[ik]	phenanthrene	190	C15H10	083469-43-6	58
2	4H-Cyclopenta	[def]	phenanthrene	190	C15H10	000203-64-5	52
3	4H-Cyclopenta	[def]	phenanthrene	190	C15H10	000203-64-5	50
4	Benzaldehyd	e, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	50
5	Benzaldehyde, 3,5-dichloro-2-hyd...			190	C7H4Cl2O2	000090-60-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005871.D
Acq On : 23 May 2019 03:32
Operator : JU/SJ
Sample : K2927-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42A7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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
Anthracene, 9-met...	17.84	2.1	ng/ul	187744	4	16.96	1755710	20.0
Phenanthrene, 1-m...	17.89	4.2	ng/ul	365287	4	16.96	1755710	20.0
6H-Cyclobuta[jk]p...	18.03	3.7	ng/ul	327285	4	16.96	1755710	20.0