

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
 Data File : BP004232.D
 Acq On : 11 Dec 2020 17:29
 Operator : CG/JU
 Sample : L5000-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A2

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_P\METHODS\SOM-EPA-BP121020MA.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	5.922	462	465	474	rVB	29872	47835	0.53%	0.047%
2	6.987	640	646	657	rBV	599481	977893	10.88%	0.967%
3	7.163	670	676	690	rVB	528074	883083	9.82%	0.874%
4	7.357	703	709	719	rBV	595518	964581	10.73%	0.954%
5	7.828	783	789	797	rVB	1176369	1901635	21.15%	1.881%
6	8.528	901	908	919	rBV	639001	1036523	11.53%	1.025%
7	8.645	924	928	937	rVB2	28398	53126	0.59%	0.053%
8	8.981	978	985	995	rVB	610915	1005482	11.18%	0.995%
9	9.428	1057	1061	1067	rVB4	22759	37848	0.42%	0.037%
10	9.704	1101	1108	1122	rVB	329822	553967	6.16%	0.548%
11	10.239	1191	1199	1211	rBV	668783	1093189	12.16%	1.081%
12	10.622	1256	1264	1270	rBV	1594829	2694068	29.97%	2.665%
13	10.675	1270	1273	1279	rVV	81840	127087	1.41%	0.126%
14	10.757	1279	1287	1301	rVV	540619	970143	10.79%	0.960%
15	12.286	1541	1547	1553	rVB	53036	85171	0.95%	0.084%
16	12.504	1579	1584	1592	rVB	36166	62574	0.70%	0.062%
17	13.304	1715	1720	1726	rVB4	24836	41086	0.46%	0.041%
18	13.369	1726	1731	1740	rBV3	29634	50796	0.57%	0.050%
19	13.792	1798	1803	1808	rBV3	27740	51245	0.57%	0.051%
20	13.880	1808	1818	1822	rVV	1282335	1779048	19.79%	1.760%
21	13.927	1822	1826	1831	rVB	332696	468111	5.21%	0.463%
22	14.163	1856	1866	1880	rBV	1653118	2512135	27.94%	2.485%
23	14.474	1909	1919	1925	rBV	2247466	3458634	38.47%	3.421%
24	14.533	1925	1929	1937	rVB	231580	359051	3.99%	0.355%
25	14.651	1944	1949	1963	rBV	182136	306850	3.41%	0.304%
26	14.874	1982	1987	1994	rVB	131936	210300	2.34%	0.208%
27	15.468	2081	2088	2094	rVV	2170001	2987349	33.23%	2.955%
28	15.521	2094	2097	2102	rVV2	262294	388017	4.32%	0.384%
29	15.574	2102	2106	2112	rVV	181647	297717	3.31%	0.295%
30	15.651	2116	2119	2122	rVV	35667	54822	0.61%	0.054%
31	15.692	2122	2126	2132	rVV3	40544	101774	1.13%	0.101%
32	15.821	2144	2148	2156	rVB	51488	88784	0.99%	0.088%
33	15.968	2167	2173	2180	rVV	54656	114465	1.27%	0.113%
34	16.210	2210	2214	2219	rVV7	22927	43723	0.49%	0.043%

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35	16.533	2253	2269	2274	rBV6	40127	120085	1.34%	0.119%
36	16.763	2300	2308	2311	rBV5	25572	53343	0.59%	0.053%
37	16.880	2323	2328	2336	rVB	50855	86628	0.96%	0.086%
38	16.980	2343	2345	2348	rVV3	25803	38708	0.43%	0.038%
39	17.051	2352	2357	2364	rVB	136813	208296	2.32%	0.206%
40	17.233	2381	2388	2391	rBV	2713216	4051824	45.07%	4.008%
41	17.274	2391	2395	2400	rVV	3073587	4196003	46.67%	4.151%
42	17.327	2400	2404	2408	rVV	2236392	3310112	36.82%	3.274%
43	17.363	2408	2410	2416	rVV	687614	860158	9.57%	0.851%
44	17.415	2416	2419	2427	rVB5	46938	79967	0.89%	0.079%
45	17.633	2447	2456	2461	rBV	256536	380777	4.24%	0.377%
46	17.751	2472	2476	2482	rBV3	50620	71640	0.80%	0.071%
47	17.821	2483	2488	2489	rBV2	63933	92752	1.03%	0.092%
48	17.957	2506	2511	2518	rVB4	51334	84483	0.94%	0.084%
49	18.104	2527	2536	2539	rBV	268823	438528	4.88%	0.434%
50	18.145	2539	2543	2550	rVB	375547	562232	6.25%	0.556%
51	18.227	2550	2557	2561	rBV2	109839	158685	1.77%	0.157%
52	18.292	2562	2568	2571	rBV2	488775	806509	8.97%	0.798%
53	18.321	2571	2573	2582	rVB	179934	254877	2.84%	0.252%
54	18.586	2613	2618	2621	rVV	235318	317923	3.54%	0.314%
55	18.621	2621	2624	2628	rVB2	120177	161264	1.79%	0.160%
56	18.827	2655	2659	2663	rVV2	60770	74298	0.83%	0.073%
57	18.874	2663	2667	2670	rVV	56748	72728	0.81%	0.072%
58	18.909	2670	2673	2677	rVB2	50339	66629	0.74%	0.066%
59	18.992	2682	2687	2691	rBV	131598	217150	2.42%	0.215%
60	19.051	2691	2697	2700	rVV4	80828	180849	2.01%	0.179%
61	19.080	2700	2702	2706	rVV2	62548	70708	0.79%	0.070%
62	19.121	2706	2709	2718	rVB2	115213	191966	2.14%	0.190%
63	19.245	2724	2730	2737	rVB	4764907	6170186	68.63%	6.104%
64	19.433	2758	2762	2764	rBV5	24653	41031	0.46%	0.041%
65	19.480	2767	2770	2774	rVB	111853	147420	1.64%	0.146%
66	19.568	2779	2785	2788	rBV2	3801901	5896285	65.59%	5.833%
67	19.598	2788	2790	2798	rVV	4119687	4751517	52.85%	4.700%
68	19.668	2798	2802	2808	rVB2	149979	230692	2.57%	0.228%
69	19.774	2815	2820	2826	rBV	195293	300838	3.35%	0.298%
70	19.827	2826	2829	2835	rVB	77279	111526	1.24%	0.110%
71	19.915	2838	2844	2850	rBV3	198428	486826	5.42%	0.482%

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72	19.962	2850	2852	2856	rVB	50872	56483	0.63%	0.056%
73	20.045	2862	2866	2868	rBV3	148914	223415	2.49%	0.221%
74	20.080	2868	2872	2876	rVB	481446	648174	7.21%	0.641%
75	20.180	2884	2889	2892	rBV	328052	423306	4.71%	0.419%
76	20.233	2893	2898	2902	rVV3	298986	467485	5.20%	0.462%
77	20.274	2902	2905	2908	rVB	111997	132418	1.47%	0.131%
78	20.368	2918	2921	2925	rBV	149673	188885	2.10%	0.187%
79	20.415	2925	2929	2933	rVV2	171740	228712	2.54%	0.226%
80	20.809	2992	2996	3003	rVB	208568	309157	3.44%	0.306%
81	20.974	3018	3024	3027	rBV2	303777	464638	5.17%	0.460%
82	21.015	3027	3031	3033	rVV	312734	413599	4.60%	0.409%
83	21.051	3033	3037	3041	rVV2	402536	722114	8.03%	0.714%
84	21.098	3042	3045	3057	rVB2	286736	477579	5.31%	0.472%
85	21.245	3067	3070	3073	rVB	101766	105179	1.17%	0.104%
86	21.315	3075	3082	3087	rVV2	4675788	8990251	100.00%	8.893%
87	21.356	3087	3089	3099	rVB	1999351	2471632	27.49%	2.445%
88	21.480	3106	3110	3115	rBV	408138	543225	6.04%	0.537%
89	21.639	3133	3137	3143	rBV2	232532	362123	4.03%	0.358%
90	21.892	3177	3180	3184	rVB	238255	299515	3.33%	0.296%
91	21.945	3185	3189	3195	rVB	230378	351837	3.91%	0.348%
92	22.098	3212	3215	3217	rBV	116509	120469	1.34%	0.119%
93	22.962	3355	3362	3367	rBV	1617706	4021153	44.73%	3.978%
94	23.139	3389	3392	3402	rVB	237495	422723	4.70%	0.418%
95	23.468	3442	3448	3452	rBV	908331	1819043	20.23%	1.799%
96	23.515	3452	3456	3461	rVV	2046502	3946670	43.90%	3.904%
97	23.568	3461	3465	3474	rVB	1390649	2776796	30.89%	2.747%
98	23.668	3475	3482	3488	rBV	2480041	5161735	57.41%	5.106%
99	26.080	3884	3892	3905	rVB2	712560	2247437	25.00%	2.223%
100	26.815	4011	4017	4038	rVB	463013	1542797	17.16%	1.526%

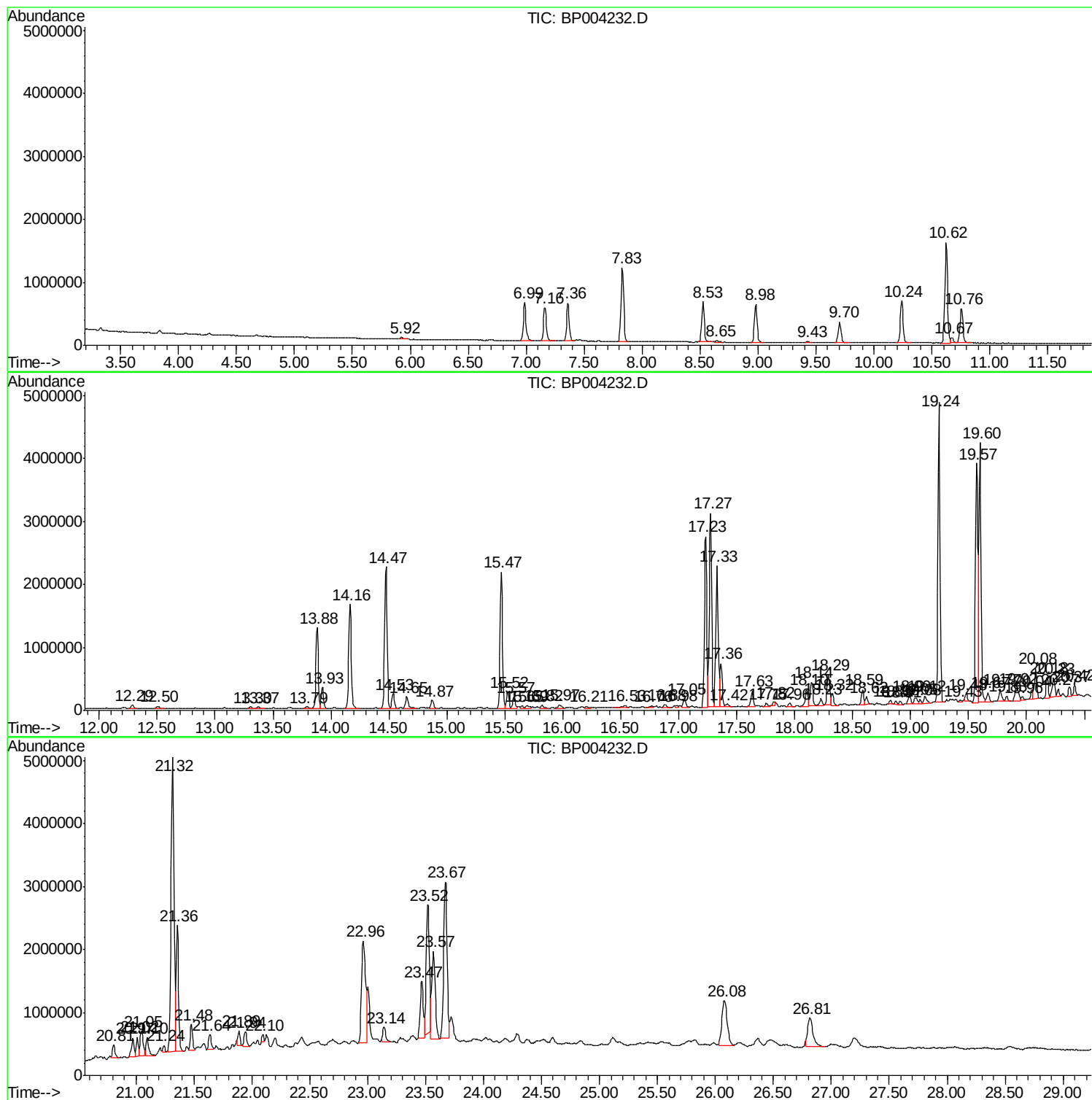
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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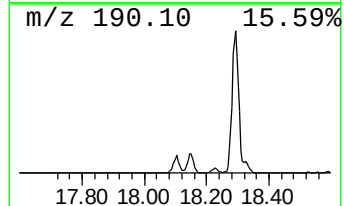
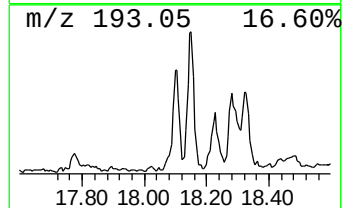
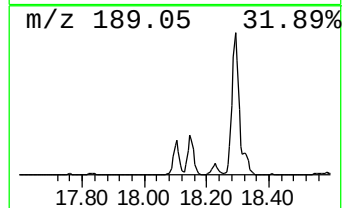
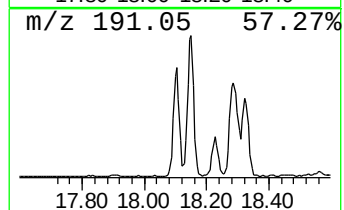
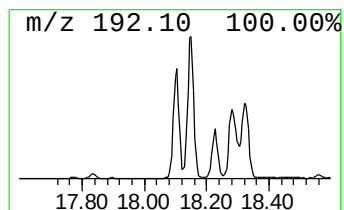
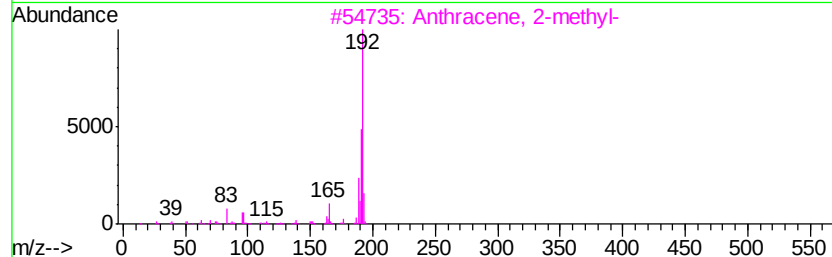
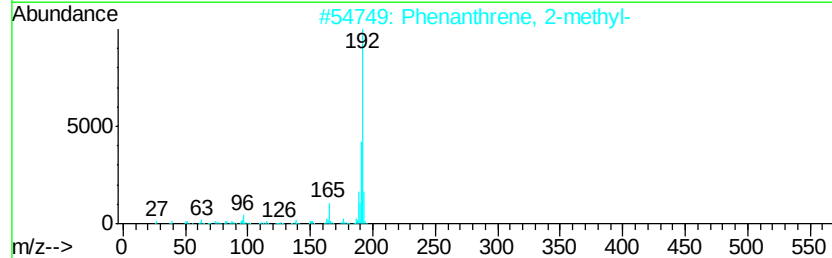
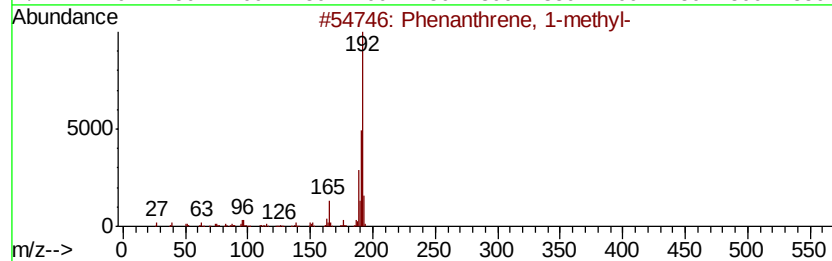
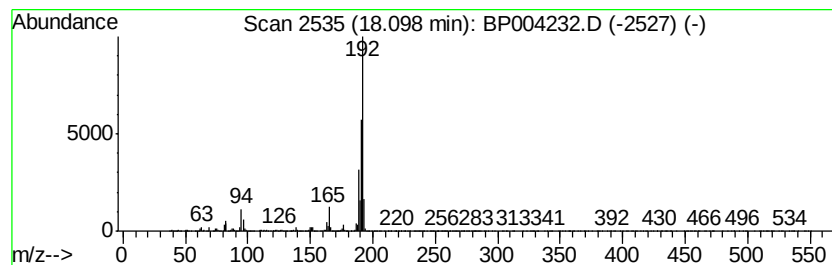
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.10	2.16 ng/ul	438528	Phenanthrene-d10	17.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96	
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96	
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	



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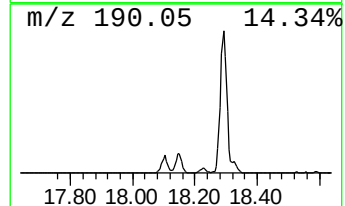
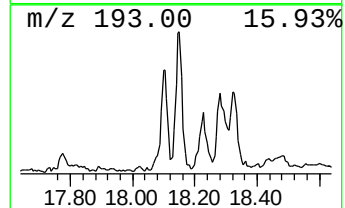
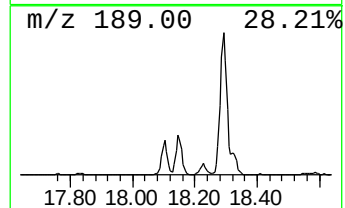
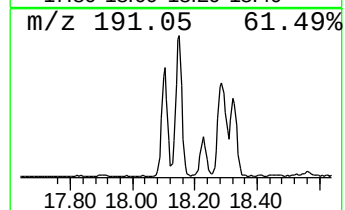
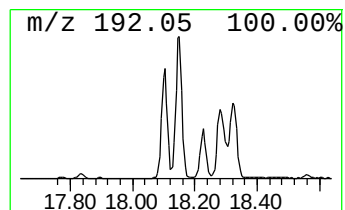
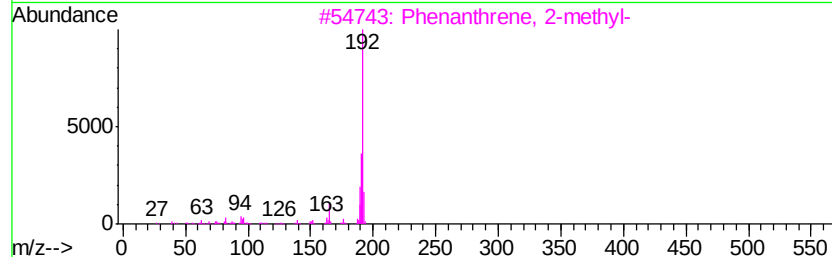
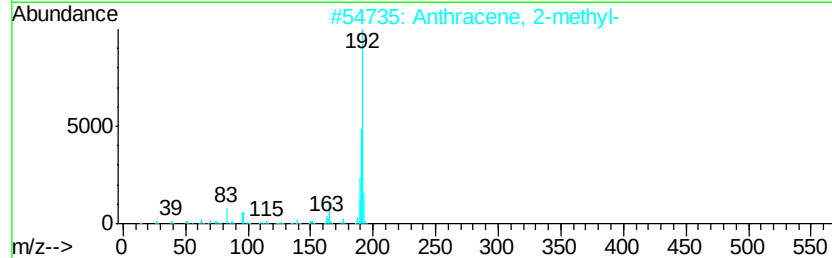
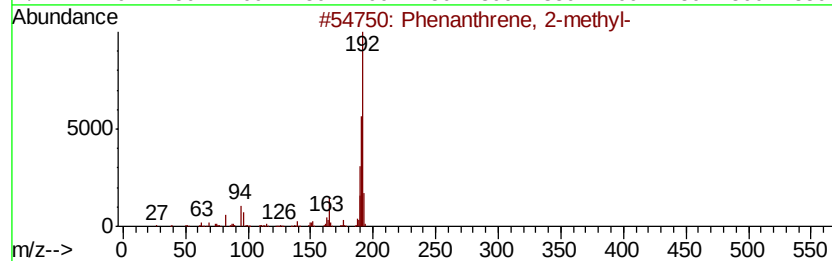
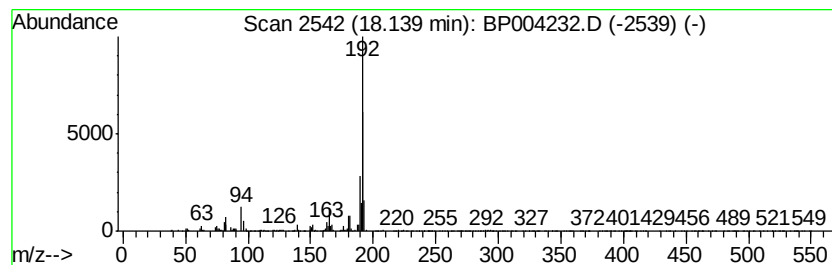
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.14	2.78 ng/ul	562232	Phenanthrene-d10	17.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



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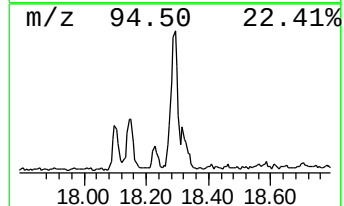
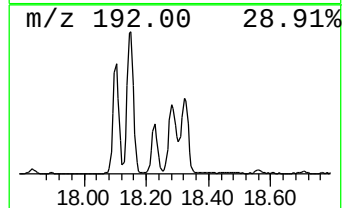
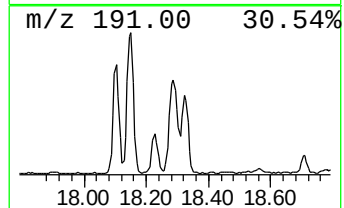
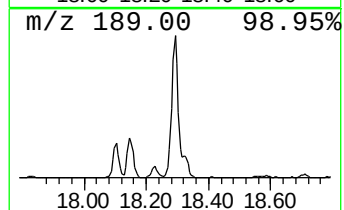
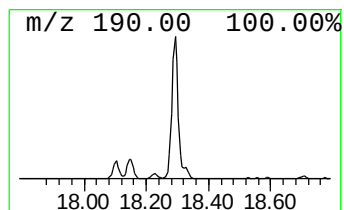
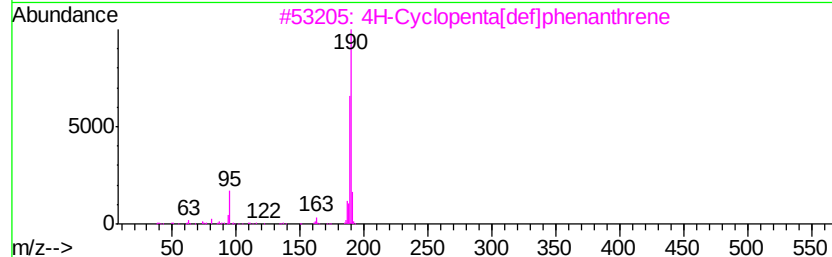
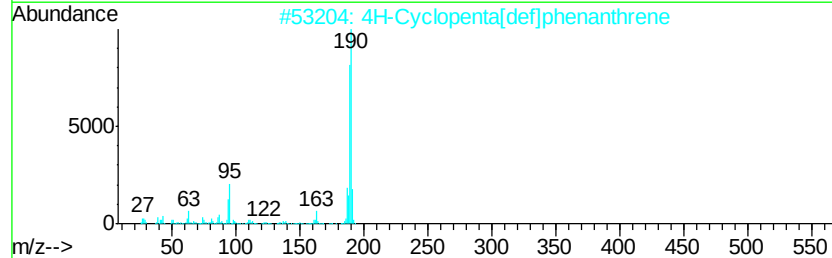
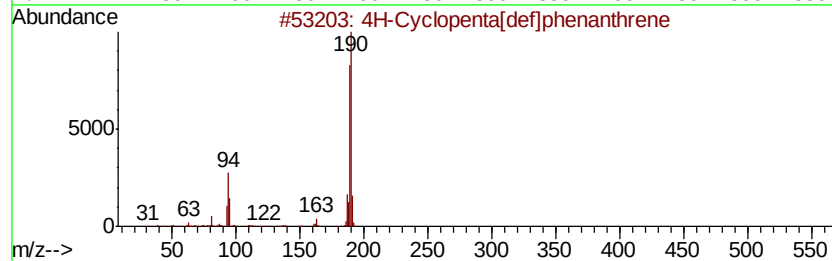
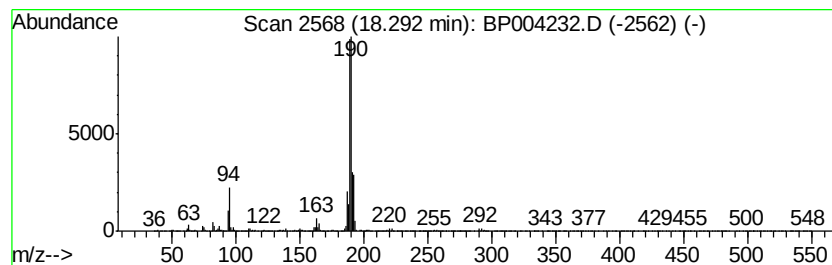
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.29	3.98 ng/ul	806509	Phenanthrene-d10	17.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	56
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
Data File : BP004232.D
Acq On : 11 Dec 2020 17:29
Operator : CG/JU
Sample : L5000-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54A2

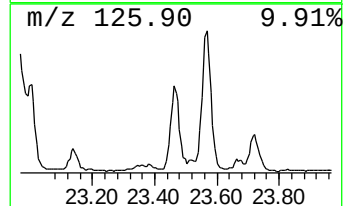
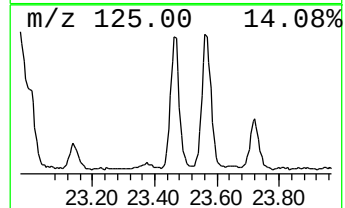
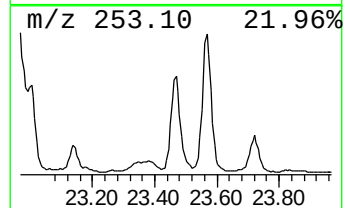
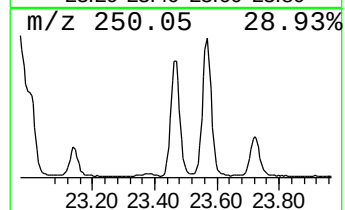
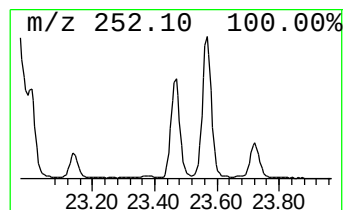
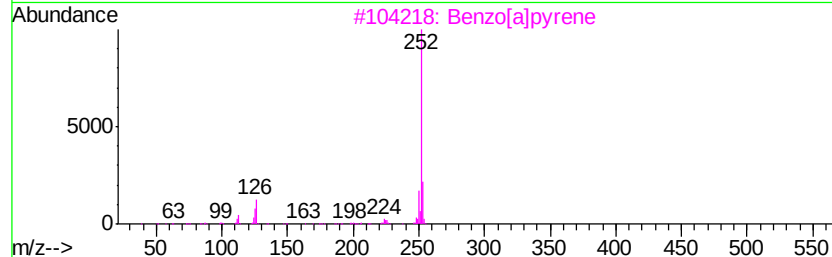
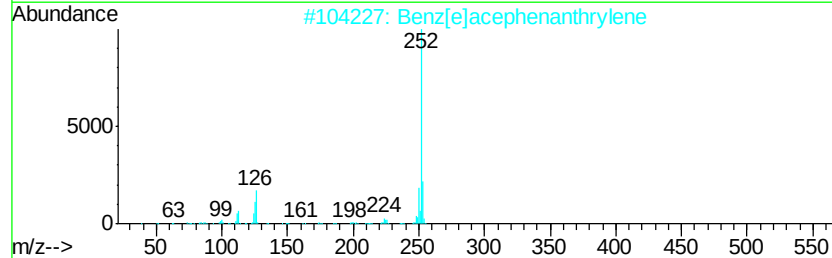
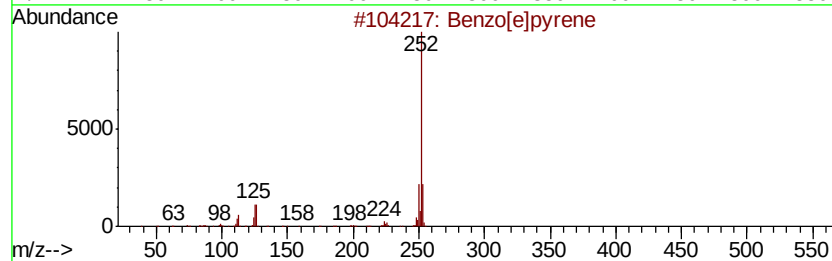
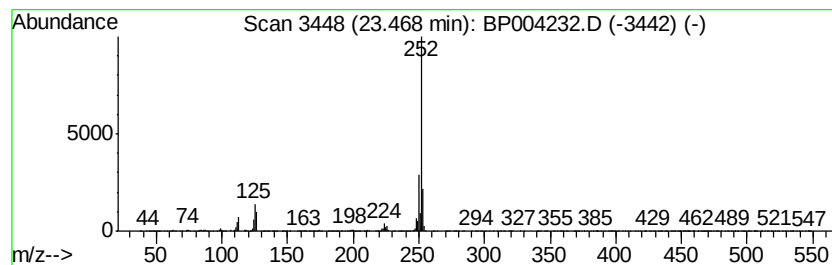
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	7.05 ng/ul	1819040	Perylene-d12	23.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121220\
Data File : BP004232.D
Acq On : 11 Dec 2020 17:29
Operator : CG/JU
Sample : L5000-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1-m...	18.10	2.2	ng/ul	438528	4	17.23	4051820	20.0
Phenanthrene, 2-m...	18.14	2.8	ng/ul	562232	4	17.23	4051820	20.0
4H-Cyclopenta[def...	18.29	4.0	ng/ul	806509	4	17.23	4051820	20.0
Benzo[e]pyrene	23.47	7.0	ng/ul	1819040	6	23.67	5161740	20.0