

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023282.D
 Acq On : 19 Oct 2019 11:31
 Operator : JU
 Sample : K5262-18DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB79DL

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-BM101419MA.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	3.681	114	118	123	rVB	44691	61311	0.58%	0.064%
2	3.893	150	154	159	rVB	74792	95895	0.91%	0.100%
3	6.828	646	653	663	rBV2	84645	182507	1.73%	0.190%
4	6.992	675	681	688	rBV2	62599	115109	1.09%	0.120%
5	7.187	709	714	719	rVB2	84740	141890	1.34%	0.148%
6	7.651	787	793	804	rVV	1516594	2375161	22.50%	2.474%
7	8.357	907	913	919	rBV2	93729	164397	1.56%	0.171%
8	8.763	971	982	984	rBV6	21290	58361	0.55%	0.061%
9	8.798	984	988	994	rVB	73219	119050	1.13%	0.124%
10	9.516	1103	1110	1119	rBV3	53389	104548	0.99%	0.109%
11	9.622	1126	1128	1137	rVB10	24668	48441	0.46%	0.050%
12	10.051	1193	1201	1210	rBV	93346	177118	1.68%	0.184%
13	10.433	1258	1266	1271	rBV	1917303	3218530	30.49%	3.352%
14	10.480	1271	1274	1280	rVB	88292	142038	1.35%	0.148%
15	10.569	1283	1289	1297	rVV3	42795	83098	0.79%	0.087%
16	12.104	1542	1550	1558	rBV	52527	90550	0.86%	0.094%
17	12.321	1578	1587	1593	rVB	46227	76229	0.72%	0.079%
18	13.621	1802	1808	1813	rBV2	50957	83927	0.80%	0.087%
19	13.674	1813	1817	1819	rVV3	30281	43755	0.41%	0.046%
20	13.716	1819	1824	1828	rVV	172425	254489	2.41%	0.265%
21	13.757	1828	1831	1840	rVB	68935	103052	0.98%	0.107%
22	13.857	1844	1848	1851	rVV2	28277	39892	0.38%	0.042%
23	13.986	1862	1870	1873	rBV	194149	327016	3.10%	0.341%
24	14.015	1873	1875	1884	rVB	151283	197607	1.87%	0.206%
25	14.298	1916	1923	1929	rVV	2821014	4137081	39.19%	4.309%
26	14.363	1929	1934	1941	rVV	211234	318784	3.02%	0.332%
27	14.498	1952	1957	1963	rBV5	30633	65446	0.62%	0.068%
28	14.698	1986	1991	1999	rVB	191868	305895	2.90%	0.319%
29	14.780	1999	2005	2012	rBV3	26337	38776	0.37%	0.040%
30	14.921	2025	2029	2034	rBV4	21492	40032	0.38%	0.042%
31	15.098	2052	2059	2062	rBV5	20569	38355	0.36%	0.040%
32	15.292	2086	2092	2096	rVV	292313	419230	3.97%	0.437%
33	15.345	2096	2101	2107	rVV	269868	414241	3.92%	0.431%
34	15.410	2107	2112	2115	rVV5	33439	55477	0.53%	0.058%

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35	15.445	2115	2118	2120	rVV4	27068	37755	0.36%	0.039%
36	15.468	2120	2122	2126	rVV3	37912	56864	0.54%	0.059%
37	15.509	2126	2129	2134	rVV	40904	67752	0.64%	0.071%
38	15.645	2147	2152	2163	rVB	84523	150563	1.43%	0.157%
39	15.792	2173	2177	2186	rVB	87805	177700	1.68%	0.185%
40	15.880	2187	2192	2198	rVB3	29773	52119	0.49%	0.054%
41	16.021	2209	2216	2224	rBV9	29916	70077	0.66%	0.073%
42	16.357	2269	2273	2277	rVB2	44537	72467	0.69%	0.075%
43	16.404	2277	2281	2287	rVB2	35099	56817	0.54%	0.059%
44	16.504	2294	2298	2303	rVB2	23439	38886	0.37%	0.040%
45	16.586	2303	2312	2315	rBV5	58226	98451	0.93%	0.103%
46	16.627	2315	2319	2323	rVV4	47909	60131	0.57%	0.063%
47	16.698	2326	2331	2339	rVB	159884	258883	2.45%	0.270%
48	16.786	2340	2346	2351	rBV4	54684	125872	1.19%	0.131%
49	16.856	2354	2358	2364	rVB	176578	253866	2.40%	0.264%
50	17.045	2383	2390	2393	rBV2	3213466	4767808	45.17%	4.966%
51	17.086	2393	2397	2402	rVV	3637952	5053973	47.88%	5.264%
52	17.139	2402	2406	2409	rVV2	353860	558283	5.29%	0.581%
53	17.174	2409	2412	2418	rVV	742465	988468	9.36%	1.029%
54	17.233	2418	2422	2428	rVB3	74651	121977	1.16%	0.127%
55	17.439	2449	2457	2462	rBV2	309509	527092	4.99%	0.549%
56	17.568	2475	2479	2483	rVV3	58045	85866	0.81%	0.089%
57	17.627	2485	2489	2492	rVB3	54869	74285	0.70%	0.077%
58	17.768	2509	2513	2517	rVB	37408	62081	0.59%	0.065%
59	17.921	2533	2539	2542	rVV	349500	506266	4.80%	0.527%
60	17.968	2542	2547	2554	rVB	520376	778369	7.37%	0.811%
61	18.045	2555	2560	2565	rBV	164634	257967	2.44%	0.269%
62	18.109	2565	2571	2575	rVV2	534815	945323	8.96%	0.985%
63	18.151	2575	2578	2582	rVB	247474	324882	3.08%	0.338%
64	18.421	2620	2624	2627	rBV	273908	369171	3.50%	0.384%
65	18.456	2627	2630	2635	rVB	264277	347298	3.29%	0.362%
66	18.550	2643	2646	2652	rBV3	36933	53546	0.51%	0.056%
67	18.674	2664	2667	2671	rBV2	86881	110759	1.05%	0.115%
68	18.721	2672	2675	2678	rVV	76596	92289	0.87%	0.096%
69	18.762	2679	2682	2686	rVB2	77368	103719	0.98%	0.108%
70	18.845	2691	2696	2701	rBV3	227671	392910	3.72%	0.409%
71	18.909	2702	2707	2710	rBV3	100531	184016	1.74%	0.192%

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72	18.980	2715	2719	2728	rVB2	248565	402856	3.82%	0.420%
73	19.103	2734	2740	2747	rBV	6213330	8136156	77.07%	8.474%
74	19.174	2749	2752	2755	rBV	90015	126162	1.20%	0.131%
75	19.345	2778	2781	2786	rVB	172914	227604	2.16%	0.237%
76	19.468	2792	2802	2810	rBV	5041407	8567880	81.16%	8.923%
77	19.539	2811	2814	2821	rVB2	179111	297495	2.82%	0.310%
78	19.650	2829	2833	2837	rBV	278276	361103	3.42%	0.376%
79	19.703	2839	2842	2849	rVB	257543	403426	3.82%	0.420%
80	19.803	2852	2859	2863	rBV4	301859	748022	7.09%	0.779%
81	19.933	2877	2881	2883	rBV2	222928	350971	3.32%	0.366%
82	19.968	2883	2887	2892	rVB2	560119	792167	7.50%	0.825%
83	20.068	2900	2904	2907	rBV	321521	418617	3.97%	0.436%
84	20.127	2908	2914	2918	rVV2	431072	711276	6.74%	0.741%
85	20.262	2934	2937	2941	rBV	220620	276084	2.62%	0.288%
86	20.309	2941	2945	2950	rBV3	234223	365057	3.46%	0.380%
87	20.715	3010	3014	3019	rVB	482344	675149	6.40%	0.703%
88	20.880	3037	3042	3045	rBV2	449206	697449	6.61%	0.726%
89	20.921	3045	3049	3051	rVV	403891	501735	4.75%	0.523%
90	20.956	3051	3055	3060	rVV2	456350	927098	8.78%	0.966%
91	21.009	3061	3064	3072	rVB	511368	763945	7.24%	0.796%
92	21.227	3095	3101	3105	rBV3	5494069	10556234	100.00%	10.994%
93	21.268	3105	3108	3116	rVB	2932888	3754238	35.56%	3.910%
94	21.386	3125	3128	3132	rBV	364393	493246	4.67%	0.514%
95	21.539	3151	3154	3160	rVB2	436523	530721	5.03%	0.553%
96	22.780	3360	3365	3370	rBV	2931266	6425995	60.87%	6.693%
97	23.244	3440	3444	3450	rBV	1426444	2423439	22.96%	2.524%
98	23.338	3455	3460	3466	rBV	2196138	3708908	35.13%	3.863%
99	23.438	3471	3477	3482	rBV	3123247	5446427	51.59%	5.672%
100	25.650	3846	3853	3864	rVB2	1646143	4503594	42.66%	4.691%

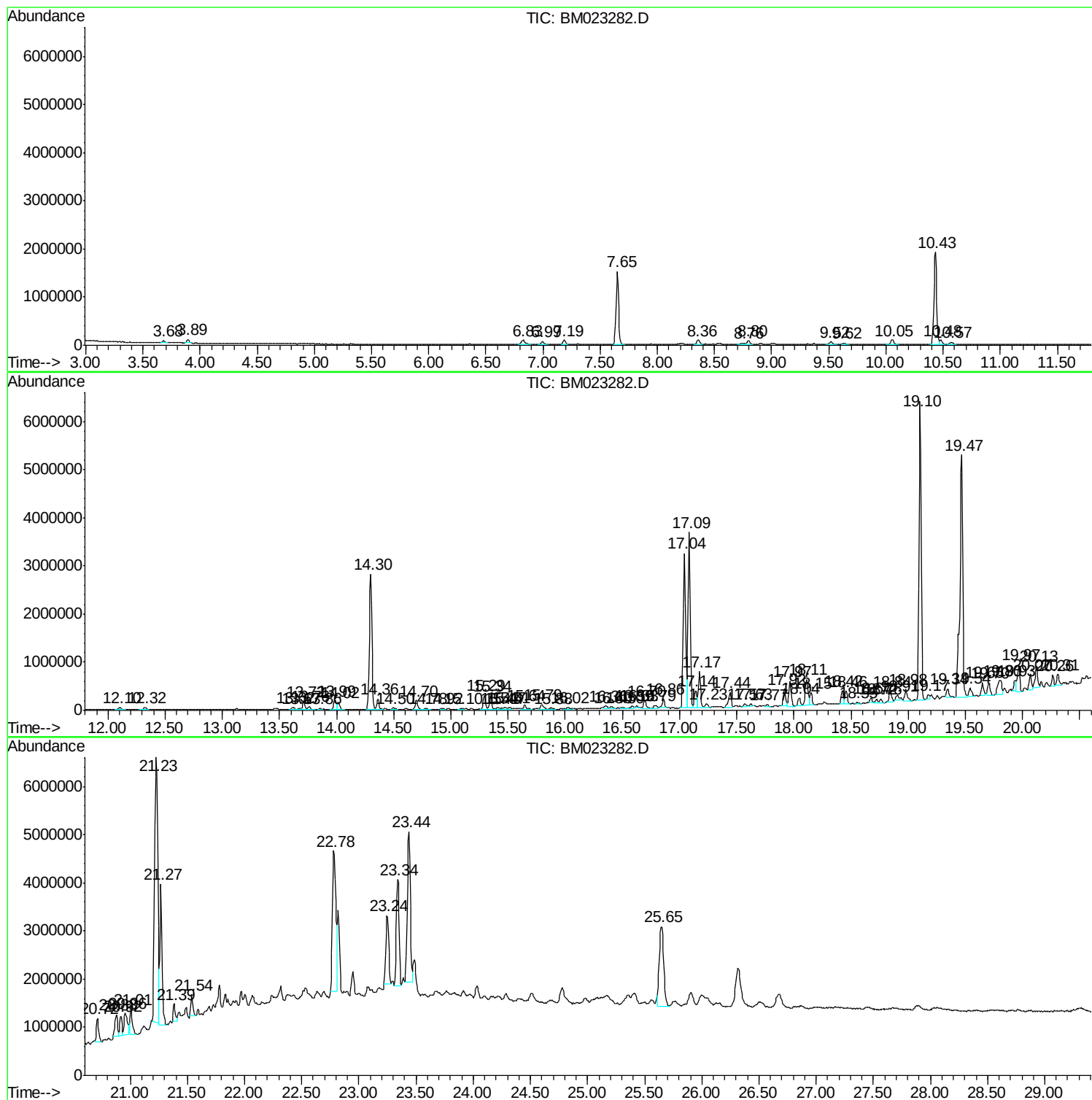
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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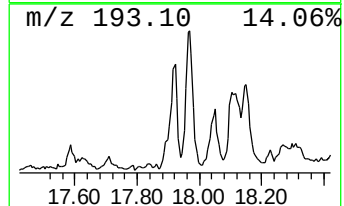
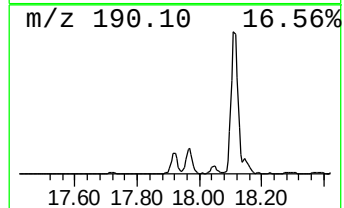
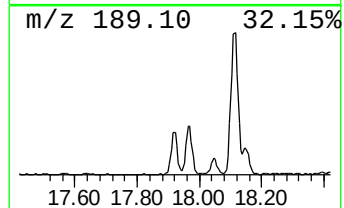
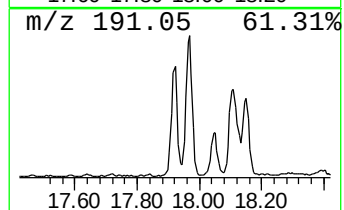
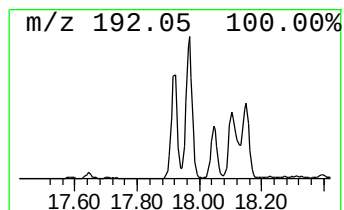
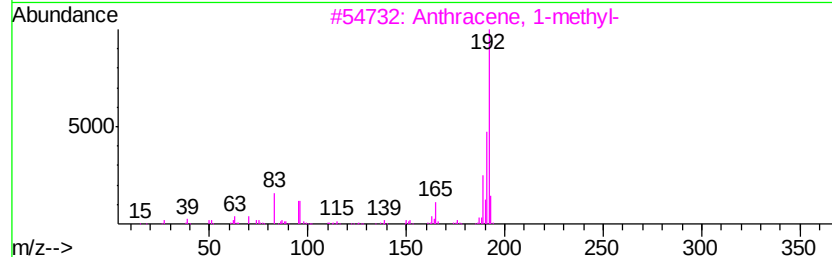
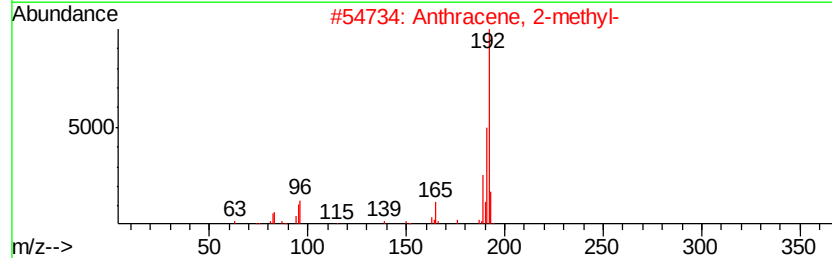
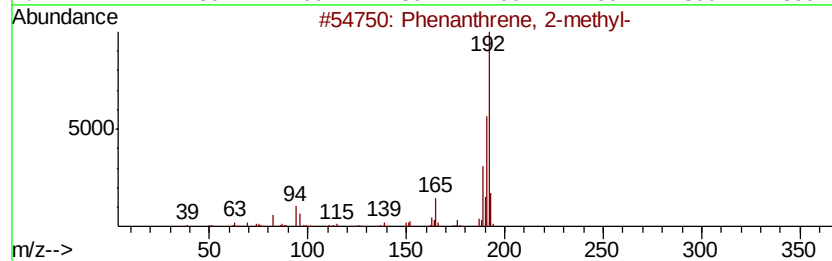
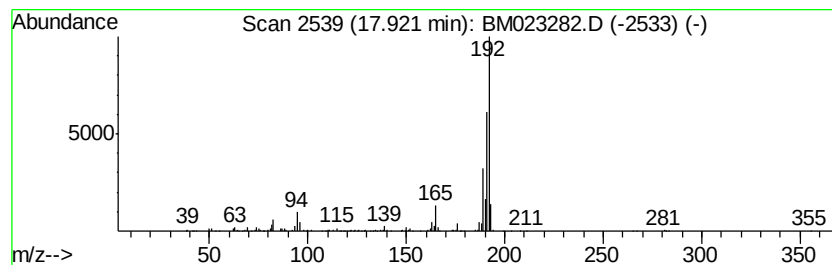
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.92	2.12 ng/ul	506266	Phenanthrene-d10		17.04		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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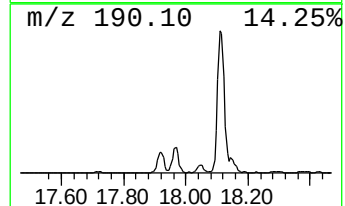
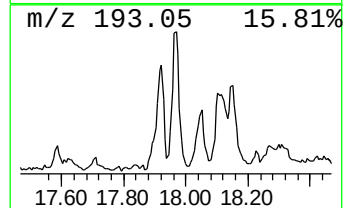
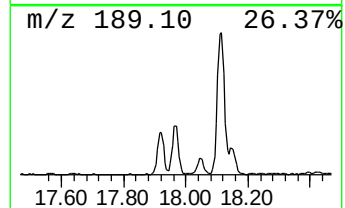
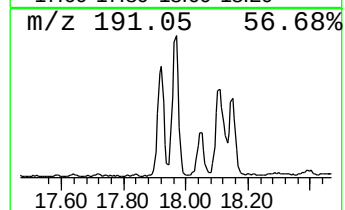
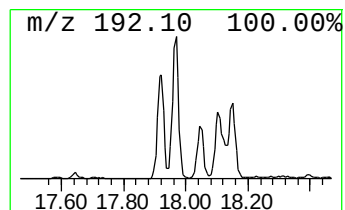
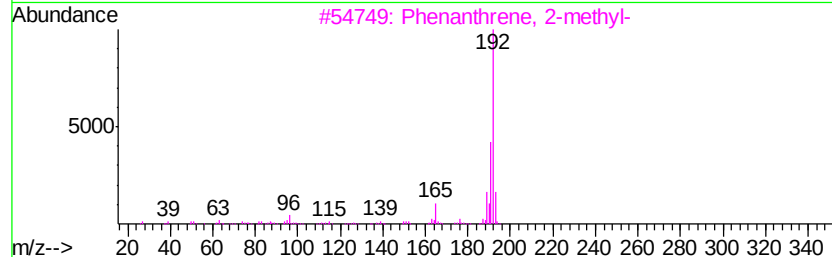
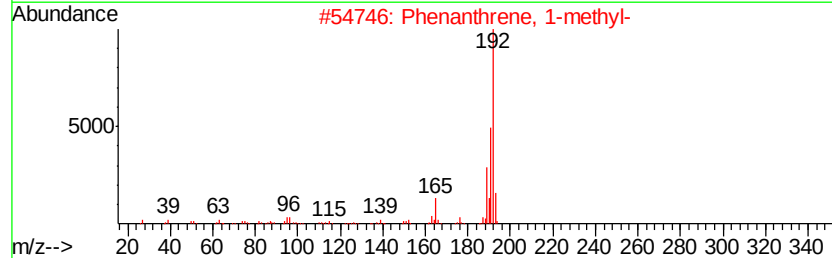
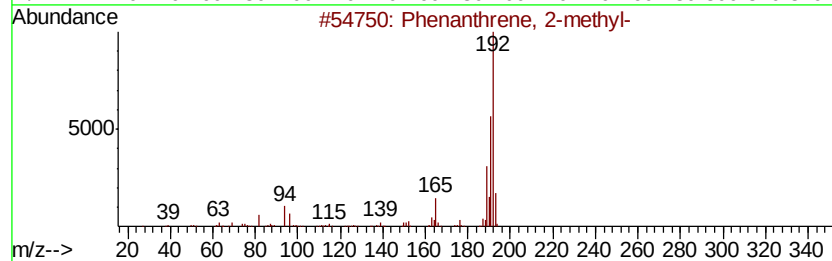
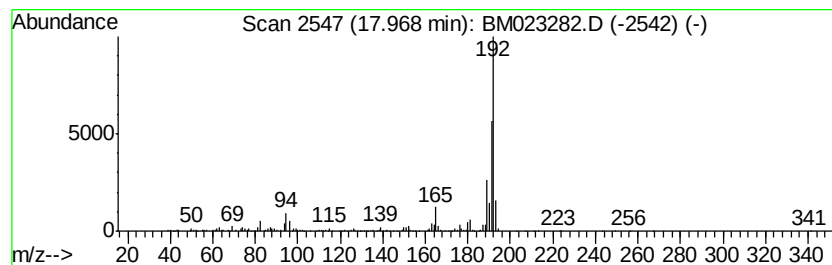
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.27 ng/ul	778369	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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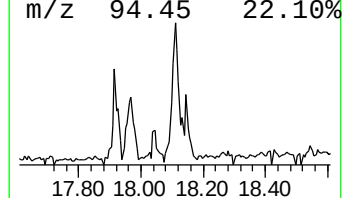
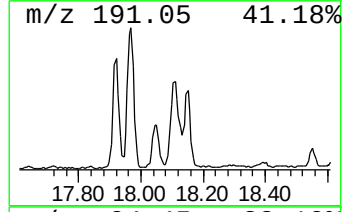
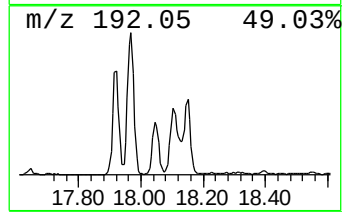
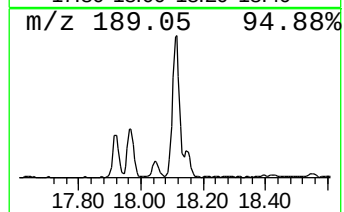
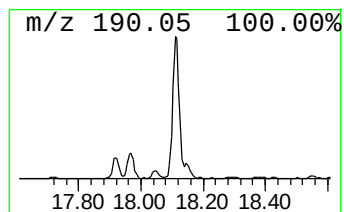
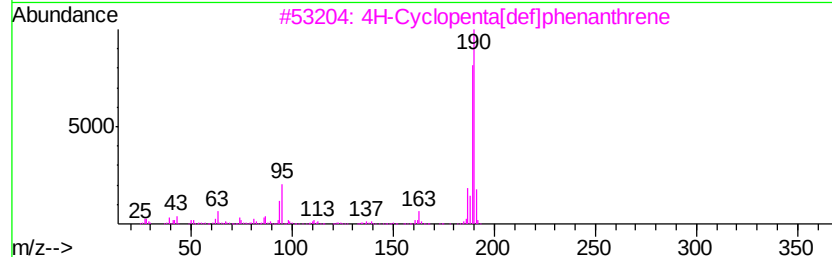
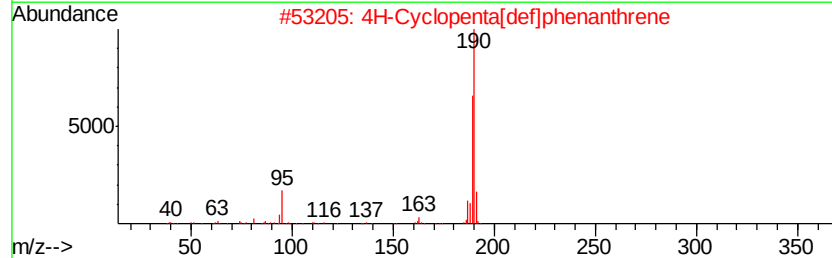
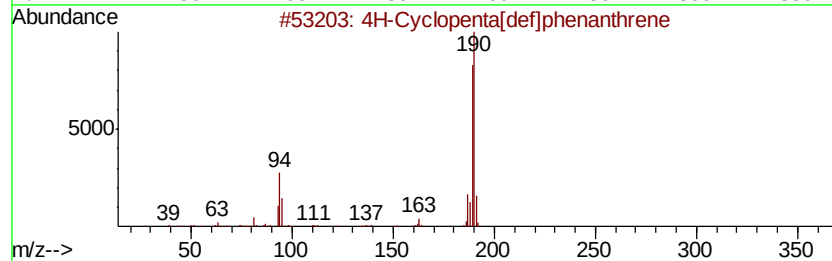
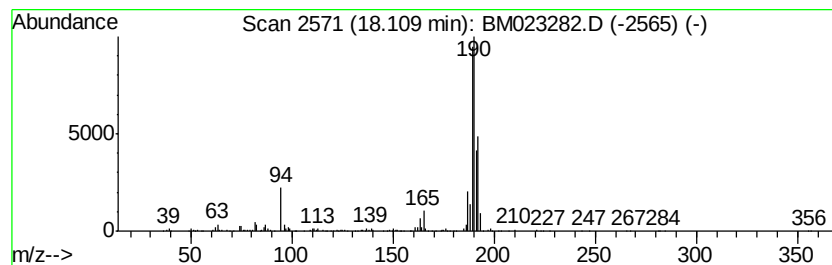
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.11	3.97 ng/ul	945323	Phenanthrene-d10		17.04		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023282.D
Acq On : 19 Oct 2019 11:31
Operator : JU
Sample : K5262-18DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BFB79DL

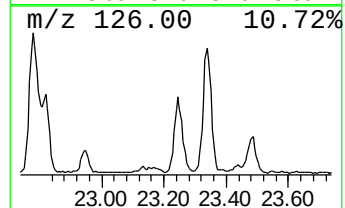
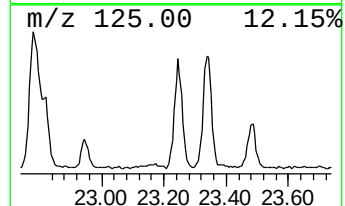
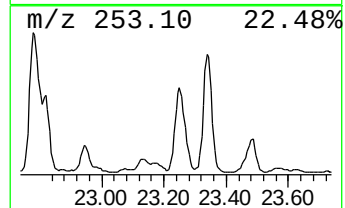
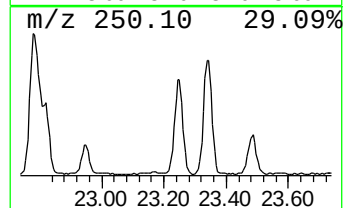
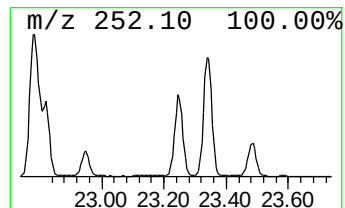
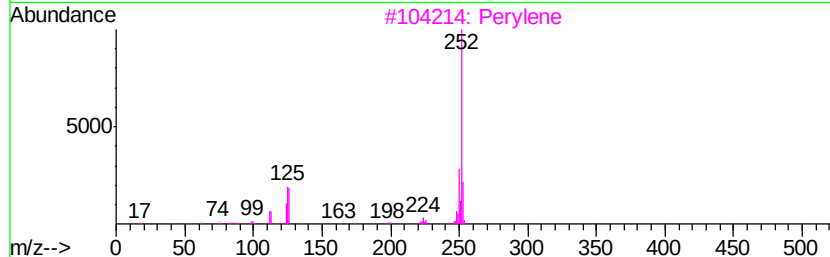
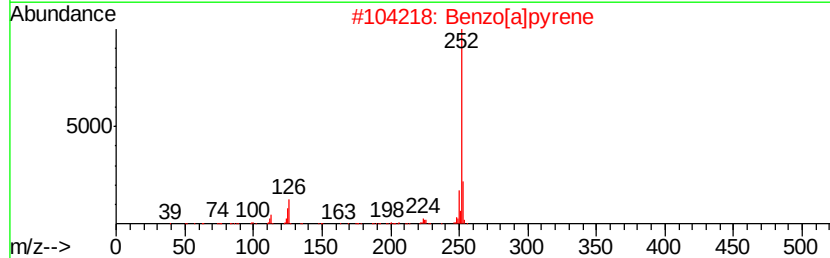
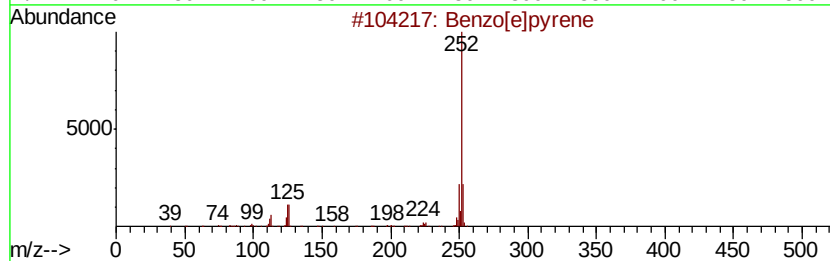
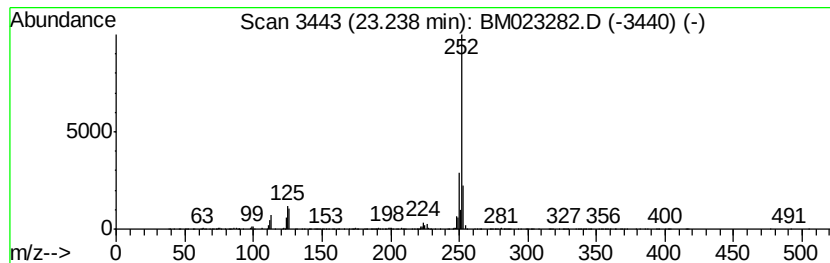
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Quant Title : SVOA CALIBRATION

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.
23.24	8.90 ng/ul	2423440	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	97
3		Perylene	252	C20H12	000198-55-0	96
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5		Perylene	252	C20H12	000198-55-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101919\
Data File : BM023282.D
Acq On : 19 Oct 2019 11:31
Operator : JU
Sample : K5262-18DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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, 2-m...	17.92	2.1	ng/ul	506266	4	17.04	4767810	20.0
Phenanthrene, 1-m...	17.97	3.3	ng/ul	778369	4	17.04	4767810	20.0
4H-Cyclopenta[def...	18.11	4.0	ng/ul	945323	4	17.04	4767810	20.0
Benzo[e]pyrene	23.24	8.9	ng/ul	2423440	6	23.44	5446430	20.0