

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028226.D
 Acq On : 22 Dec 2020 02:32
 Operator : JU/CG
 Sample : L5110-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54M8

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-BM121520MA.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	3.216	3	5	13	rVB	16262	21472	1.01%	0.091%
2	3.416	35	39	43	rVB	11952	15359	0.73%	0.065%
3	3.875	113	117	126	rVB	12134	19467	0.92%	0.082%
4	3.987	131	136	143	rVV	58152	79152	3.74%	0.335%
5	4.069	145	150	155	rVV	8863	12346	0.58%	0.052%
6	4.463	213	217	224	rVB	10004	14828	0.70%	0.063%
7	5.310	357	361	366	rBV2	6815	10201	0.48%	0.043%
8	7.334	699	705	716	rVB	190296	312597	14.77%	1.322%
9	7.510	729	735	744	rBV	165209	258871	12.23%	1.095%
10	7.722	764	771	778	rVB	205672	329673	15.58%	1.395%
11	8.198	844	852	859	rBV	526862	825629	39.01%	3.493%
12	8.898	964	971	979	rBV	162756	261062	12.34%	1.104%
13	9.375	1044	1052	1059	rBV	183160	303234	14.33%	1.283%
14	10.098	1169	1175	1182	rVB	140156	228855	10.81%	0.968%
15	10.639	1260	1267	1276	rBV	207354	338644	16.00%	1.433%
16	11.028	1323	1333	1339	rBV	696761	1158888	54.76%	4.902%
17	11.075	1339	1341	1347	rVB	14541	20985	0.99%	0.089%
18	11.157	1347	1355	1365	rBV	153998	265284	12.54%	1.122%
19	12.669	1605	1612	1618	rBV	11795	17665	0.83%	0.075%
20	12.886	1641	1649	1655	rBV	12850	20539	0.97%	0.087%
21	14.004	1828	1839	1846	rBV5	4675	11952	0.56%	0.051%
22	14.151	1858	1864	1869	rBV3	12781	21094	1.00%	0.089%
23	14.222	1869	1876	1881	rBV	373642	506998	23.96%	2.145%
24	14.269	1881	1884	1890	rVB	30680	40877	1.93%	0.173%
25	14.386	1900	1904	1908	rBV	7260	9430	0.45%	0.040%
26	14.522	1921	1927	1938	rBV	435971	624293	29.50%	2.641%
27	14.827	1969	1979	1985	rBV	968016	1372275	64.84%	5.805%
28	14.886	1985	1989	1996	rVB	50675	75597	3.57%	0.320%
29	14.992	2003	2007	2016	rVV	44526	73259	3.46%	0.310%
30	15.069	2016	2020	2028	rVV2	16629	27995	1.32%	0.118%
31	15.139	2028	2032	2039	rVV7	4204	9853	0.47%	0.042%
32	15.216	2039	2045	2051	rVV	36472	53646	2.53%	0.227%
33	15.286	2051	2057	2064	rVB2	5514	9718	0.46%	0.041%
34	15.433	2076	2082	2086	rBV3	5983	9299	0.44%	0.039%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	15.604	2104	2111	2114	rBV6	5963	10627	0.50%	0.045%
36	15.810	2139	2146	2151	rBV	531782	758671	35.85%	3.209%
37	15.863	2151	2155	2159	rVV	41726	58337	2.76%	0.247%
38	15.916	2159	2164	2172	rVV	72225	105094	4.97%	0.445%
39	15.980	2172	2175	2179	rVV3	7826	10529	0.50%	0.045%
40	16.027	2179	2183	2189	rVV5	11155	22006	1.04%	0.093%
41	16.151	2200	2204	2209	rVB	18071	25947	1.23%	0.110%
42	16.298	2224	2229	2236	rVB	19493	35489	1.68%	0.150%
43	16.827	2314	2319	2321	rBV4	7907	13061	0.62%	0.055%
44	16.857	2321	2324	2328	rVB3	10107	13702	0.65%	0.058%
45	16.898	2328	2331	2337	rVB4	6858	10511	0.50%	0.044%
46	17.074	2355	2361	2365	rBV5	15987	25568	1.21%	0.108%
47	17.121	2365	2369	2372	rVV2	9448	10643	0.50%	0.045%
48	17.204	2378	2383	2388	rVB	32486	46298	2.19%	0.196%
49	17.274	2390	2395	2403	rBV4	14968	39086	1.85%	0.165%
50	17.368	2407	2411	2416	rVB	31563	44485	2.10%	0.188%
51	17.545	2435	2441	2445	rBV	988734	1443621	68.21%	6.107%
52	17.586	2445	2448	2453	rVV	676172	918938	43.42%	3.887%
53	17.645	2453	2458	2462	rVV	556245	785694	37.13%	3.324%
54	17.680	2462	2464	2469	rVB	116007	124998	5.91%	0.529%
55	17.939	2502	2508	2518	rBV	57726	101149	4.78%	0.428%
56	18.057	2524	2528	2534	rBV2	13866	22321	1.05%	0.094%
57	18.115	2534	2538	2548	rVB6	12410	23529	1.11%	0.100%
58	18.333	2571	2575	2580	rBV6	6360	10874	0.51%	0.046%
59	18.410	2583	2588	2592	rVV	85720	126341	5.97%	0.534%
60	18.457	2592	2596	2601	rVB	106943	150704	7.12%	0.638%
61	18.539	2605	2610	2615	rVB	34403	47249	2.23%	0.200%
62	18.604	2615	2621	2625	rBV2	91814	181967	8.60%	0.770%
63	18.639	2625	2627	2632	rVB2	58512	65140	3.08%	0.276%
64	18.704	2634	2638	2642	rVV4	6199	9910	0.47%	0.042%
65	18.739	2642	2644	2649	rVB3	7393	10434	0.49%	0.044%
66	18.898	2666	2671	2675	rBV	60448	81889	3.87%	0.346%
67	18.939	2675	2678	2685	rVV	36561	51111	2.42%	0.216%
68	19.021	2689	2692	2697	rVB4	9742	12360	0.58%	0.052%
69	19.139	2708	2712	2715	rBV	20949	28568	1.35%	0.121%
70	19.192	2717	2721	2724	rVB	13462	14700	0.69%	0.062%
71	19.227	2724	2727	2732	rVB3	16474	20204	0.95%	0.085%

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72	19.309	2735	2741	2745	rBV	45754	73536	3.47%	0.311%
73	19.374	2745	2752	2754	rBV5	19324	38617	1.82%	0.163%
74	19.451	2760	2765	2771	rBV2	38402	66678	3.15%	0.282%
75	19.574	2780	2786	2791	rVV	941290	1266693	59.85%	5.358%
76	19.627	2792	2795	2797	rVV	15584	18141	0.86%	0.077%
77	19.662	2798	2801	2805	rVB4	23497	34409	1.63%	0.146%
78	19.809	2820	2826	2830	rBV3	32886	54765	2.59%	0.232%
79	19.904	2835	2842	2844	rBV2	776006	1144184	54.06%	4.840%
80	19.933	2844	2847	2853	rVV	823695	1037070	49.00%	4.387%
81	19.998	2854	2858	2863	rVB2	42992	62143	2.94%	0.263%
82	20.104	2872	2876	2881	rVB	46589	60316	2.85%	0.255%
83	20.162	2882	2886	2890	rBV3	14260	21846	1.03%	0.092%
84	20.239	2894	2899	2900	rBV3	57101	70867	3.35%	0.300%
85	20.380	2918	2923	2925	rBV4	42156	76552	3.62%	0.324%
86	20.409	2925	2928	2933	rVB	68448	99186	4.69%	0.420%
87	20.568	2949	2955	2959	rBV3	74343	140645	6.65%	0.595%
88	20.609	2959	2962	2964	rBV4	24971	32049	1.51%	0.136%
89	20.709	2976	2979	2982	rVB	38189	44168	2.09%	0.187%
90	20.751	2984	2986	2989	rVB	30918	32309	1.53%	0.137%
91	21.145	3049	3053	3057	rBV	83499	108841	5.14%	0.460%
92	21.345	3084	3087	3091	rBV	189171	232159	10.97%	0.982%
93	21.433	3100	3102	3110	rVB	74391	93317	4.41%	0.395%
94	21.656	3133	3140	3144	rBV2	1234498	2116320	100.00%	8.953%
95	21.692	3144	3146	3156	rVB	377778	469049	22.16%	1.984%
96	23.303	3415	3420	3426	rBV	269472	636989	30.10%	2.695%
97	23.815	3503	3507	3511	rBV	132340	227150	10.73%	0.961%
98	23.868	3511	3516	3521	rVV	444181	823121	38.89%	3.482%
99	23.915	3521	3524	3532	rVB	244931	426821	20.17%	1.806%
100	24.021	3536	3542	3548	rBV	695227	1308514	61.83%	5.535%

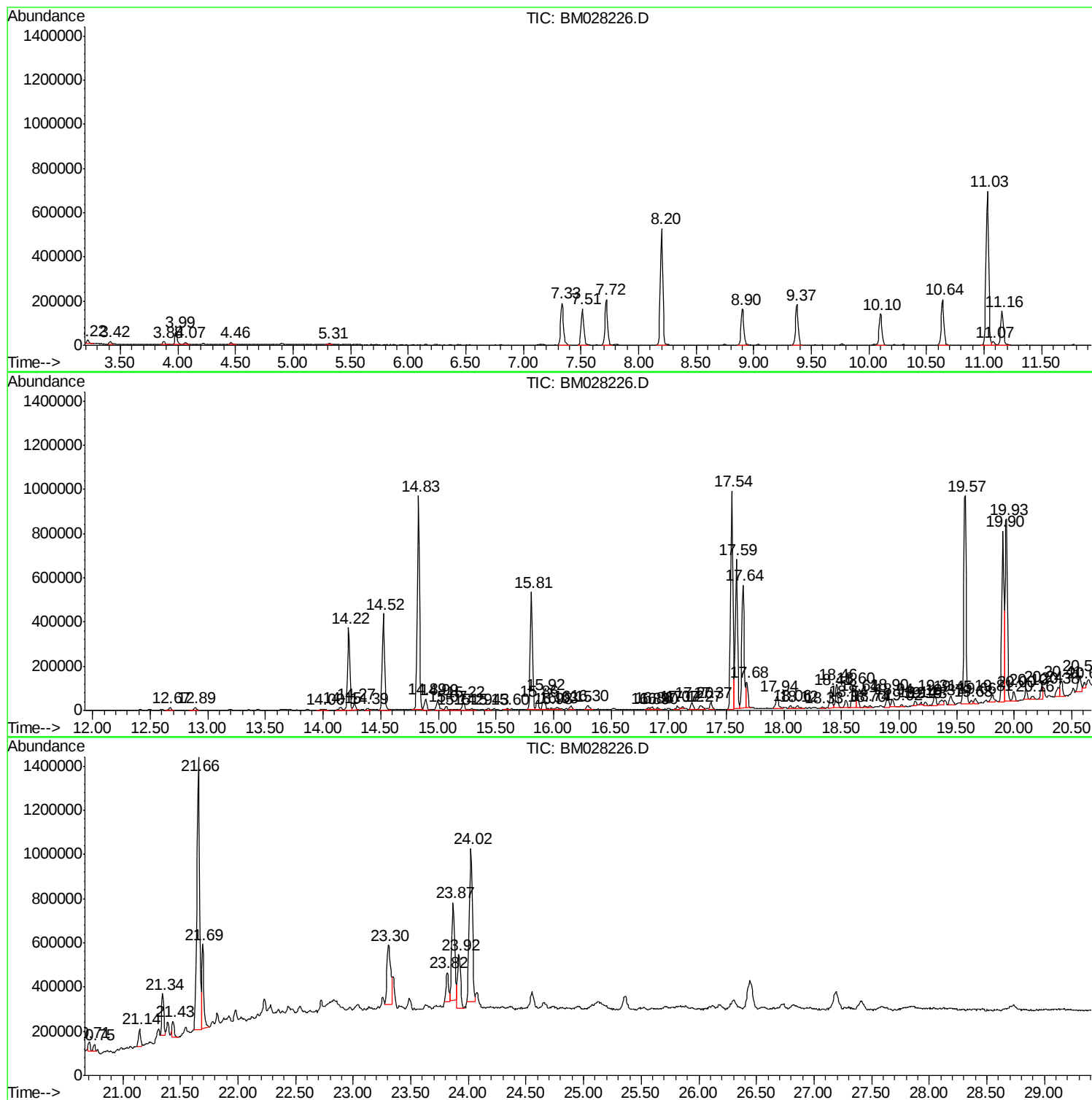
Sum of corrected areas: 23639247

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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



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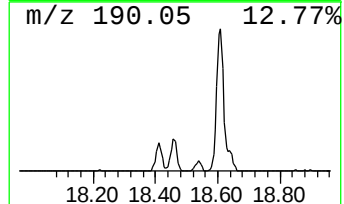
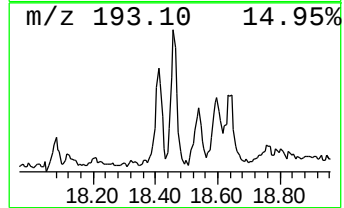
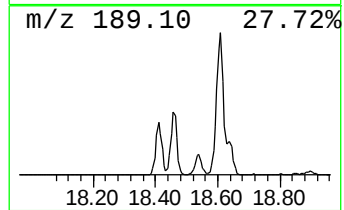
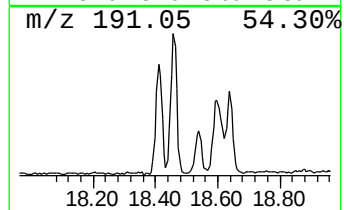
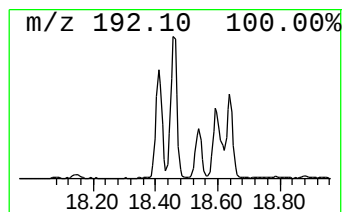
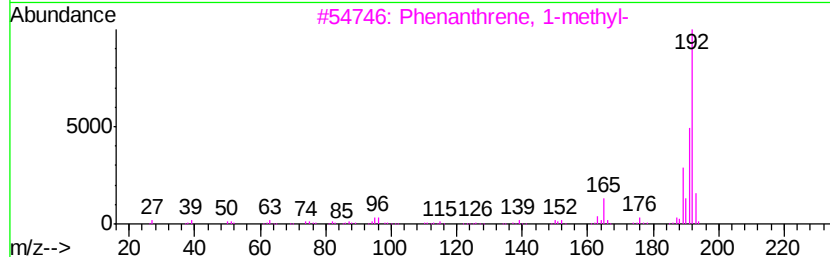
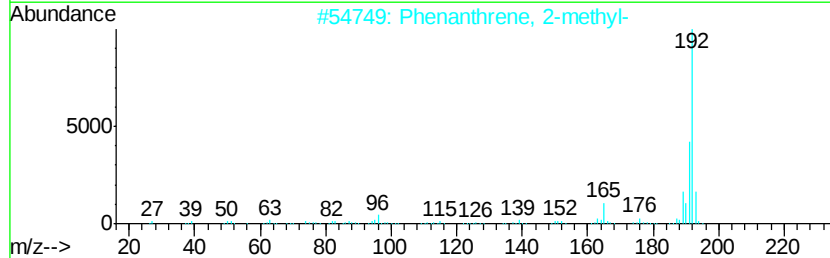
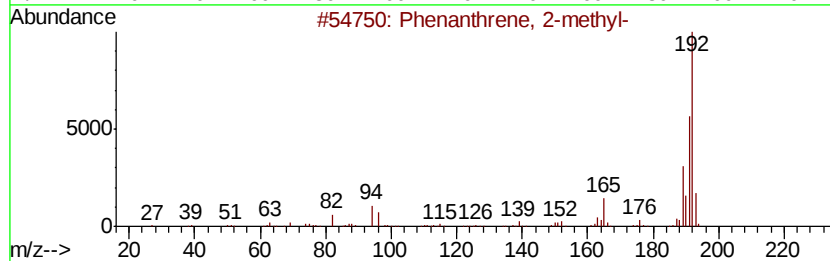
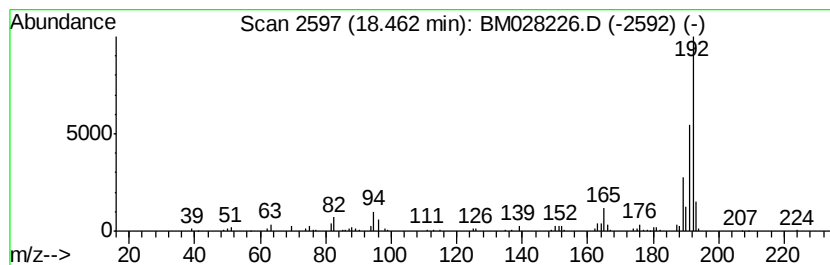
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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.		
18.46	2.09 ng/ul	150704	Phenanthrene-d10	17.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96	
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96	
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95	



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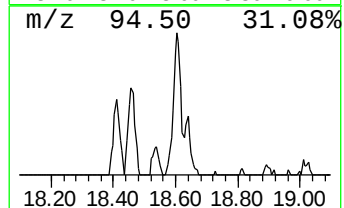
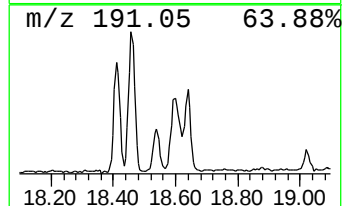
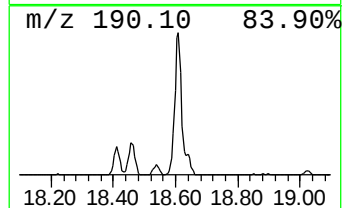
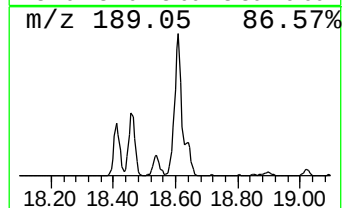
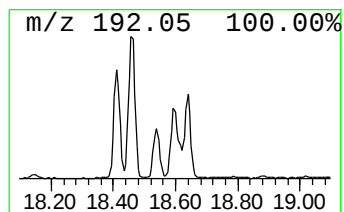
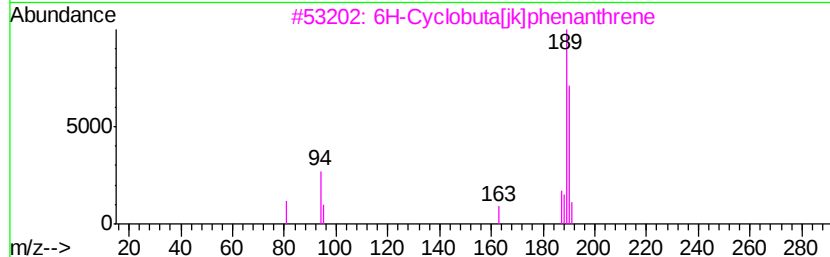
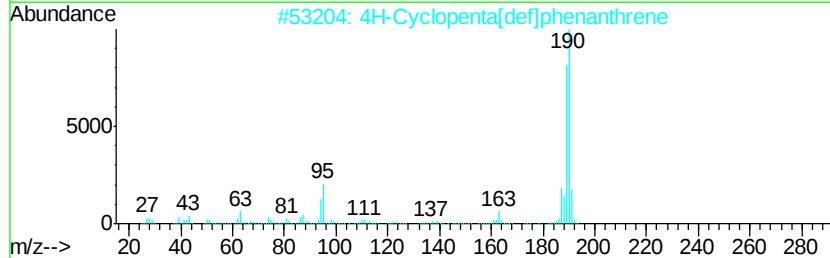
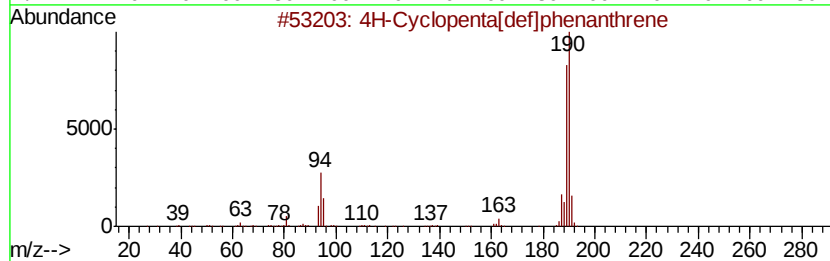
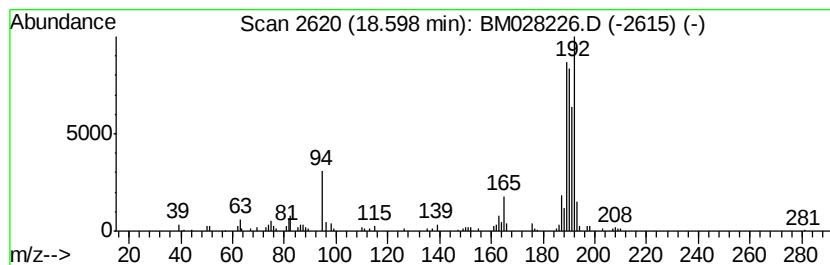
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.52 ng/ul	181967	Phenanthrene-d10	17.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76	
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64	
3	6H-Cyclobuta[f]phenanthrene	190	C15H10	083469-43-6	58	
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45	
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20	



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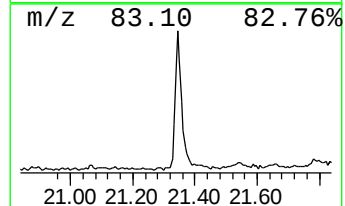
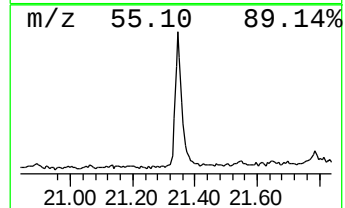
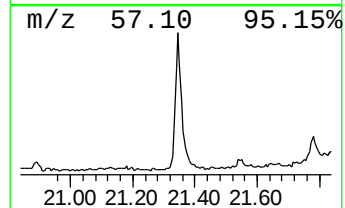
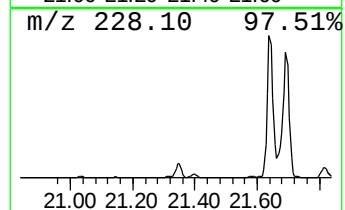
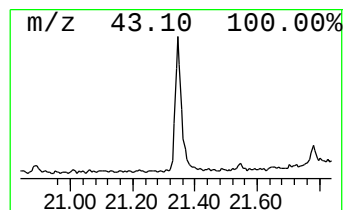
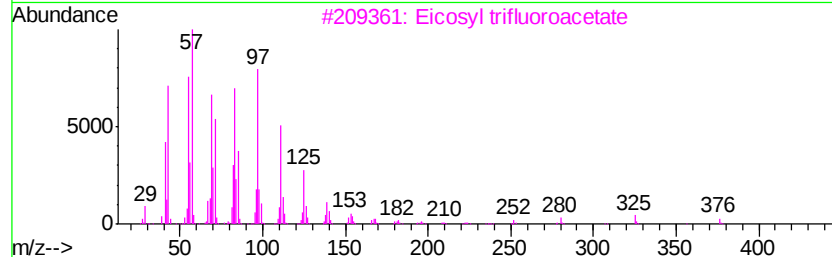
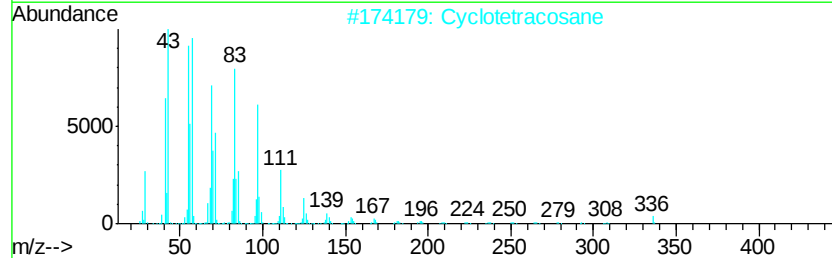
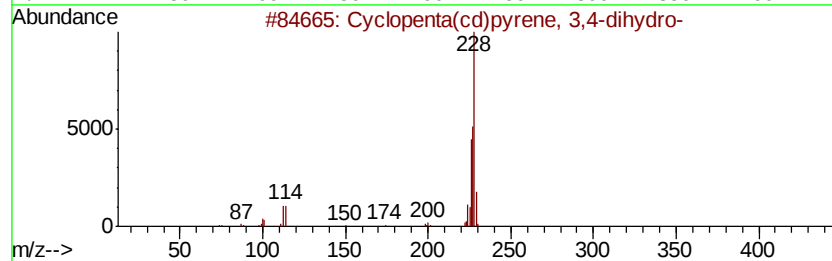
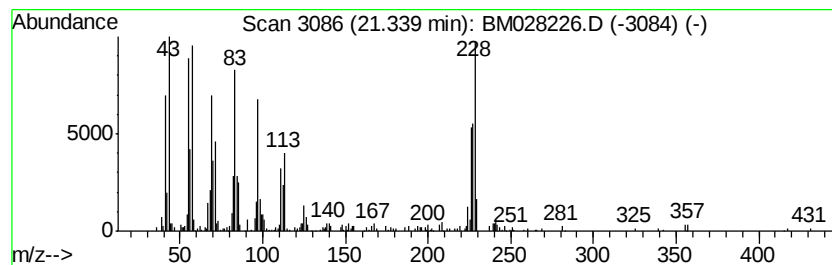
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.19 ng/ul	232159	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	45
2		Cyclotetracosane	336	C24H48	000297-03-0	25
3		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	25
4		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	25
5		1-Octadecanol	270	C18H38O	000112-92-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028226.D
Acq On : 22 Dec 2020 02:32
Operator : JU/CG
Sample : L5110-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54M8

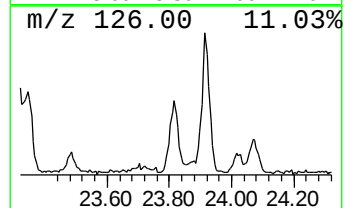
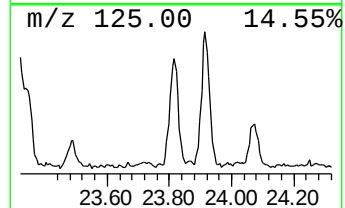
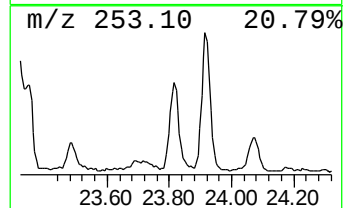
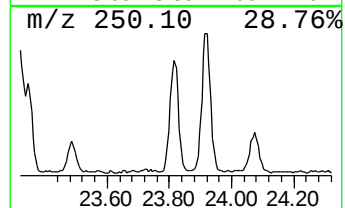
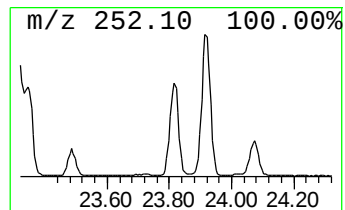
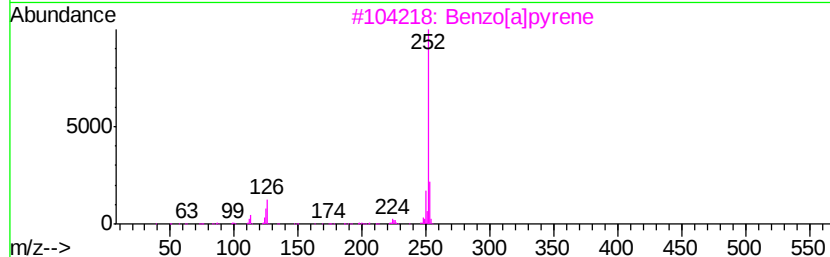
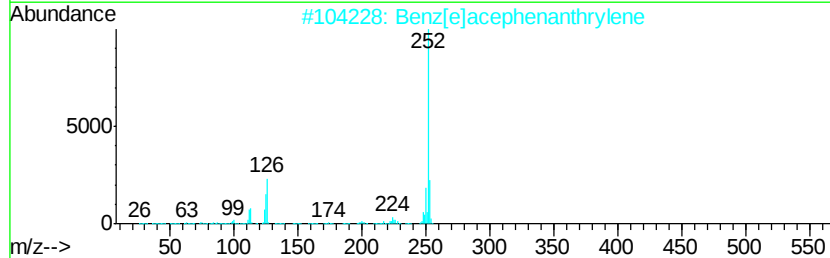
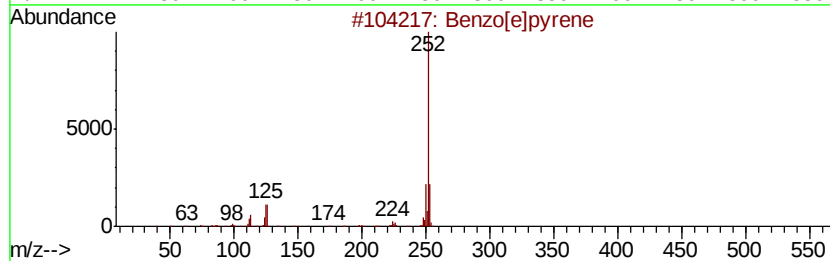
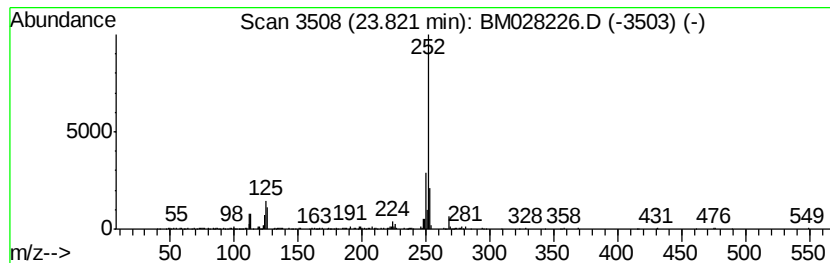
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Quant Title : SVOA CALIBRATION

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.
23.82	3.47 ng/ul	227150	Perylene-d12	24.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122120\
Data File : BM028226.D
Acq On : 22 Dec 2020 02:32
Operator : JU/CG
Sample : L5110-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.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...	18.46	2.1	ng/ul	150704	4	17.54	1443620	20.0
4H-Cyclopenta[def...	18.60	2.5	ng/ul	181967	4	17.54	1443620	20.0
unknown-01	21.34	2.2	ng/ul	232159	5	21.66	2116320	20.0
Benzo[e]pyrene	23.82	3.5	ng/ul	227150	6	24.02	1308510	20.0