

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010103.D
 Acq On : 05 Mar 2020 06:39
 Operator : CG/JU
 Sample : L1617-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDT4

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-BN021220MA.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	4.564	263	268	277	rBV	22393	39733	0.90%	0.069%
2	6.564	603	608	627	rBV	437069	759808	17.14%	1.320%
3	6.716	627	634	646	rBV	295542	502789	11.34%	0.874%
4	6.899	659	665	675	rBV	442008	719038	16.22%	1.250%
5	7.352	736	742	756	rBV	445938	735036	16.58%	1.277%
6	7.887	828	833	839	rBV2	24853	46769	1.05%	0.081%
7	8.075	858	865	880	rBV	509235	916091	20.66%	1.592%
8	8.499	930	937	947	rBV	423647	762458	17.20%	1.325%
9	9.210	1052	1058	1075	rVB	378522	665097	15.00%	1.156%
10	9.746	1142	1149	1169	rBV	474535	924492	20.85%	1.607%
11	10.099	1202	1209	1222	rBV	652646	1049087	23.66%	1.823%
12	10.263	1230	1237	1254	rBV	392991	891039	20.10%	1.549%
13	13.428	1769	1775	1786	rVV	882895	1285549	29.00%	2.234%
14	13.687	1812	1819	1831	rBV	1042813	1579448	35.62%	2.745%
15	13.998	1864	1872	1878	rVV	962129	1377999	31.08%	2.395%
16	14.063	1878	1883	1893	rVB	159246	231352	5.22%	0.402%
17	14.263	1911	1917	1938	rVV	267923	645780	14.57%	1.122%
18	14.410	1938	1942	1949	rVB	64020	100992	2.28%	0.176%
19	15.004	2037	2043	2049	rVV	1228310	1796833	40.53%	3.123%
20	15.063	2049	2053	2059	rVB2	125941	187836	4.24%	0.326%
21	15.175	2067	2072	2079	rBV	393860	671331	15.14%	1.167%
22	15.310	2091	2095	2100	rVB4	23439	36802	0.83%	0.064%
23	15.510	2124	2129	2138	rVV4	19628	43833	0.99%	0.076%
24	15.757	2166	2171	2174	rBV4	41339	73060	1.65%	0.127%
25	16.434	2281	2286	2292	rVB4	20592	35155	0.79%	0.061%
26	16.557	2303	2307	2308	rBV3	30273	33958	0.77%	0.059%
27	16.581	2308	2311	2315	rVB	30827	33356	0.75%	0.058%
28	16.763	2336	2342	2345	rBV	1113722	1559874	35.18%	2.711%
29	16.804	2345	2349	2354	rVV	945235	1330063	30.00%	2.312%
30	16.863	2354	2359	2362	rVV	1395280	1956293	44.12%	3.400%
31	16.898	2362	2365	2372	rVV	428738	597735	13.48%	1.039%
32	16.975	2373	2378	2383	rVV4	21189	36259	0.82%	0.063%
33	17.181	2405	2413	2418	rBV2	100792	192435	4.34%	0.334%
34	17.292	2428	2432	2439	rBV4	50479	72286	1.63%	0.126%

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35	17.481	2460	2464	2472	rVB8	18515	34304	0.77%	0.060%
36	17.639	2483	2491	2495	rBV2	108852	162362	3.66%	0.282%
37	17.692	2495	2500	2508	rVV	146030	227957	5.14%	0.396%
38	17.775	2508	2514	2518	rVV	44498	62289	1.40%	0.108%
39	17.834	2518	2524	2528	rVV	236073	359882	8.12%	0.625%
40	17.869	2528	2530	2538	rVB2	67846	91278	2.06%	0.159%
41	17.992	2547	2551	2556	rVB5	53190	81469	1.84%	0.142%
42	18.045	2556	2560	2564	rBV6	26885	43858	0.99%	0.076%
43	18.151	2573	2578	2582	rVB	82800	105671	2.38%	0.184%
44	18.198	2582	2586	2593	rBV	226298	303378	6.84%	0.527%
45	18.398	2616	2620	2624	rVB4	39337	57461	1.30%	0.100%
46	18.451	2624	2629	2633	rBV	34222	44903	1.01%	0.078%
47	18.492	2633	2636	2641	rVB3	31762	46322	1.04%	0.081%
48	18.575	2645	2650	2654	rBV2	54922	86928	1.96%	0.151%
49	18.634	2655	2660	2663	rBV5	48415	76662	1.73%	0.133%
50	18.722	2669	2675	2681	rBV	141180	233806	5.27%	0.406%
51	18.839	2688	2695	2701	rBV	3345295	4433562	100.00%	7.705%
52	18.910	2704	2707	2710	rVV	35735	49599	1.12%	0.086%
53	18.945	2710	2713	2717	rVB2	76565	89354	2.02%	0.155%
54	19.075	2729	2735	2741	rVB3	121902	235749	5.32%	0.410%
55	19.175	2746	2752	2754	rVV	2112660	2923719	65.95%	5.081%
56	19.204	2754	2757	2766	rVV	2699126	3526908	79.55%	6.129%
57	19.281	2766	2770	2777	rVB2	110307	185440	4.18%	0.322%
58	19.392	2785	2789	2795	rBV	175466	244827	5.52%	0.425%
59	19.457	2795	2800	2805	rVB	229202	316674	7.14%	0.550%
60	19.539	2808	2814	2821	rBV4	146181	347051	7.83%	0.603%
61	19.598	2821	2824	2827	rVB2	39266	44881	1.01%	0.078%
62	19.686	2832	2839	2840	rBV3	159543	294329	6.64%	0.512%
63	19.710	2840	2843	2848	rVB	285492	414567	9.35%	0.720%
64	19.763	2849	2852	2856	rBV3	52138	78305	1.77%	0.136%
65	19.810	2857	2860	2865	rBV	238344	286221	6.46%	0.497%
66	19.869	2865	2870	2874	rBV2	201598	345779	7.80%	0.601%
67	19.951	2882	2884	2888	rVB2	48391	59241	1.34%	0.103%
68	20.010	2890	2894	2898	rBV	131126	168523	3.80%	0.293%
69	20.057	2898	2902	2908	rBV4	106082	170863	3.85%	0.297%
70	20.269	2936	2938	2942	rBV4	29700	32869	0.74%	0.057%
71	20.433	2962	2966	2969	rBV4	66077	99479	2.24%	0.173%

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72	20.475	2969	2973	2980	rVV2	162816	232703	5.25%	0.404%
73	20.633	2996	3000	3003	rBV	198310	253474	5.72%	0.441%
74	20.669	3003	3006	3009	rBV2	189413	223346	5.04%	0.388%
75	20.704	3009	3012	3014	rBV	177698	181241	4.09%	0.315%
76	20.780	3021	3025	3029	rBV2	239561	304319	6.86%	0.529%
77	20.986	3049	3060	3064	rBV3	1715463	3596176	81.11%	6.250%
78	21.022	3064	3066	3077	rVB	1151055	1476993	33.31%	2.567%
79	21.116	3078	3082	3083	rBV2	89258	108843	2.45%	0.189%
80	21.139	3083	3086	3089	rVV	230478	257871	5.82%	0.448%
81	21.169	3089	3091	3095	rVB4	72744	84871	1.91%	0.147%
82	21.292	3109	3112	3119	rVB2	129025	222536	5.02%	0.387%
83	21.357	3120	3123	3126	rVB4	61994	69696	1.57%	0.121%
84	21.480	3141	3144	3146	rBV2	56769	60616	1.37%	0.105%
85	21.527	3150	3152	3156	rVB	140927	143891	3.25%	0.250%
86	21.710	3179	3183	3186	rBV2	119305	167973	3.79%	0.292%
87	21.992	3227	3231	3233	rBV4	73646	112795	2.54%	0.196%
88	22.022	3233	3236	3243	rVB4	134788	195511	4.41%	0.340%
89	22.245	3270	3274	3279	rBV2	129002	213098	4.81%	0.370%
90	22.474	3307	3313	3318	rBV	1248838	2619711	59.09%	4.553%
91	22.627	3335	3339	3344	rVB	192183	273242	6.16%	0.475%
92	22.904	3381	3386	3390	rBV	552617	962256	21.70%	1.672%
93	22.951	3390	3394	3398	rVV	1224323	1996570	45.03%	3.470%
94	22.992	3398	3401	3407	rVV	836510	1246887	28.12%	2.167%
95	23.080	3410	3416	3421	rVV	937818	1690166	38.12%	2.937%
96	23.122	3421	3423	3431	rVB	265870	427951	9.65%	0.744%
97	23.574	3495	3500	3505	rVB	174894	299627	6.76%	0.521%
98	24.233	3607	3612	3619	rBV2	151141	298013	6.72%	0.518%
99	25.110	3754	3761	3771	rVB4	483906	1236683	27.89%	2.149%
100	25.721	3860	3865	3874	rVB2	140519	327427	7.39%	0.569%

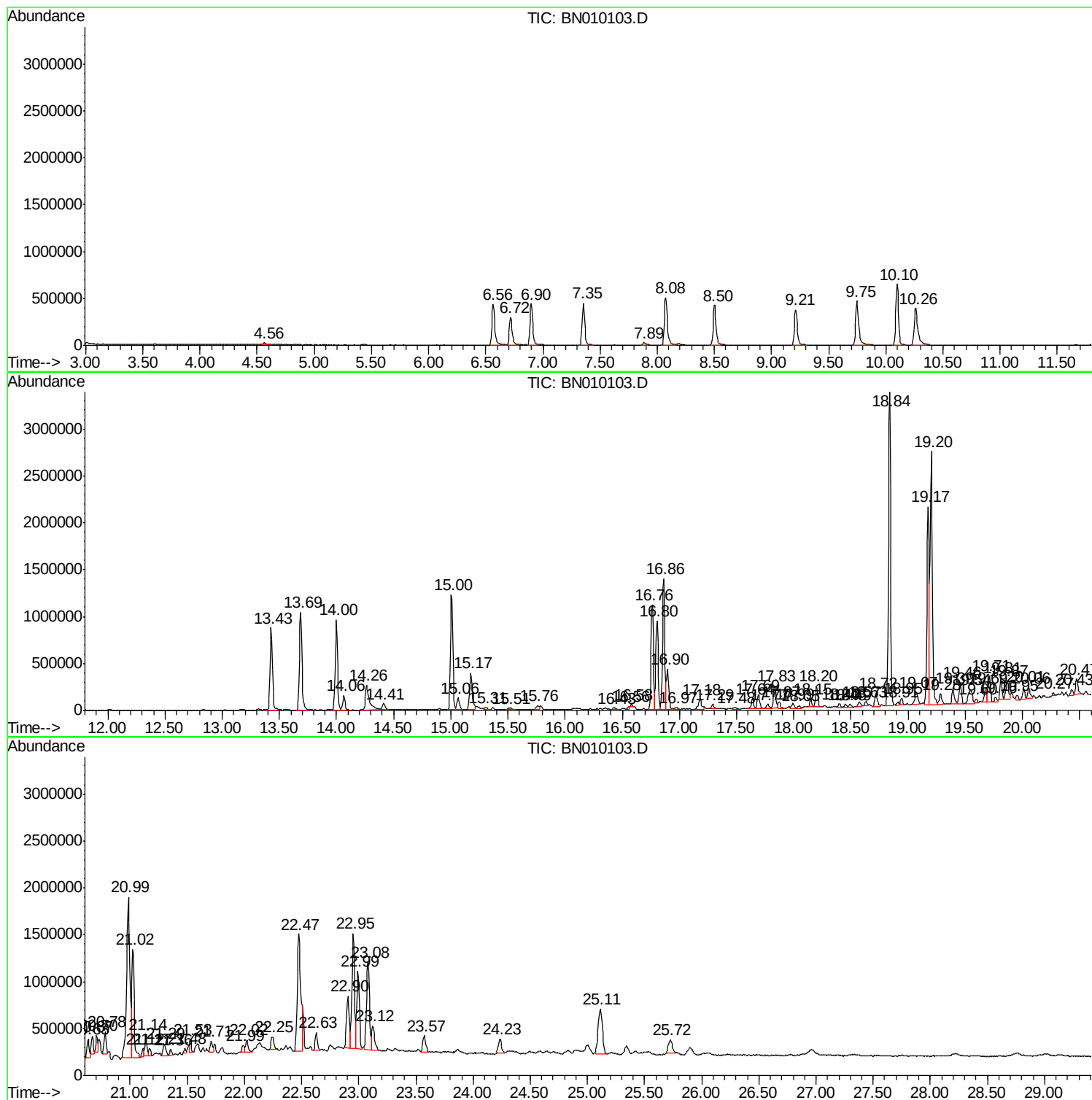
Sum of corrected areas: 57540622

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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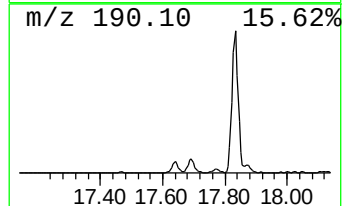
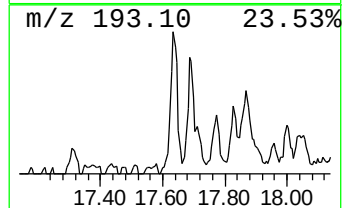
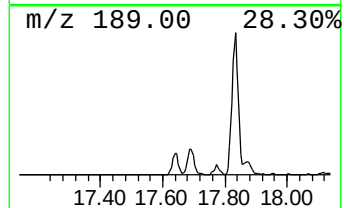
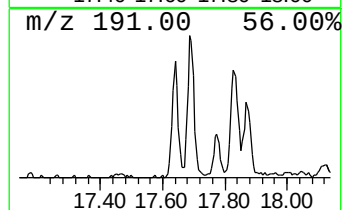
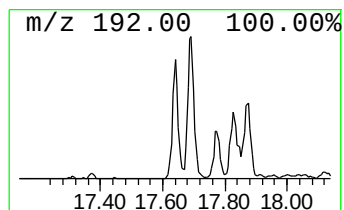
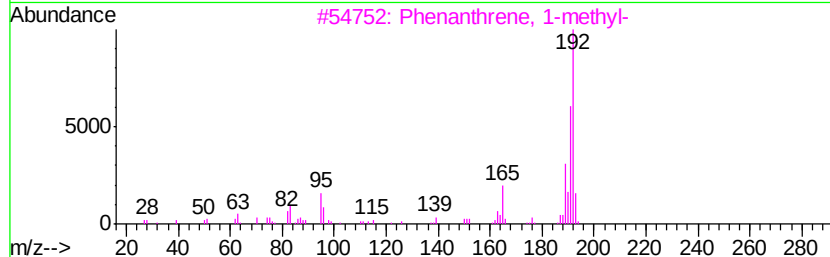
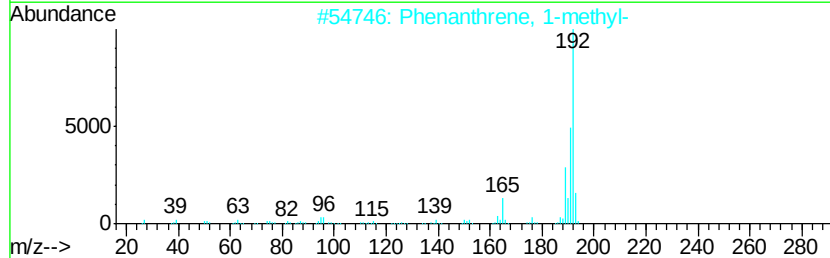
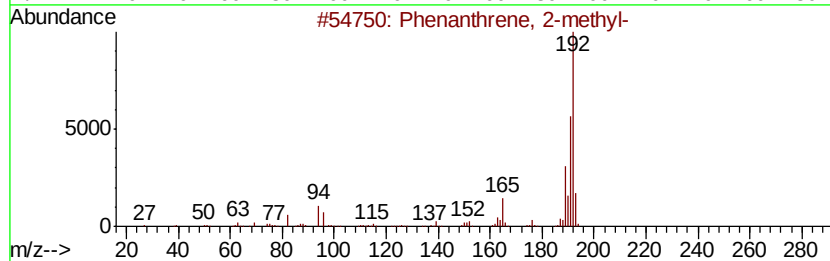
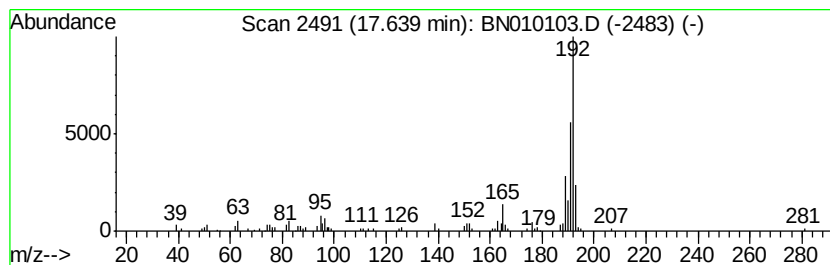
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	2.08 ng/ul	162362	Phenanthrene-d10	16.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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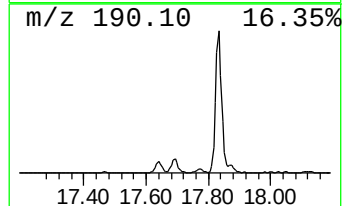
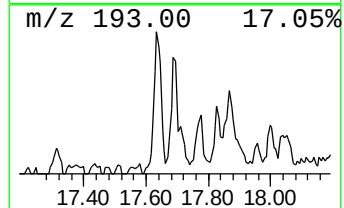
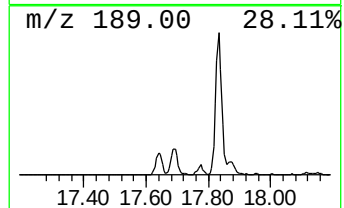
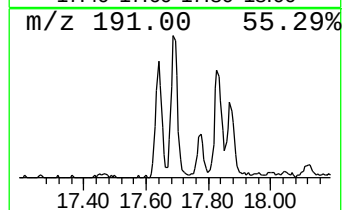
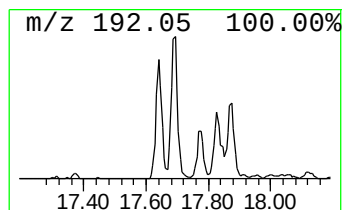
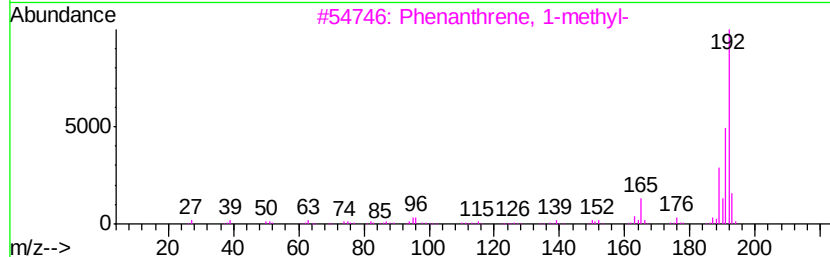
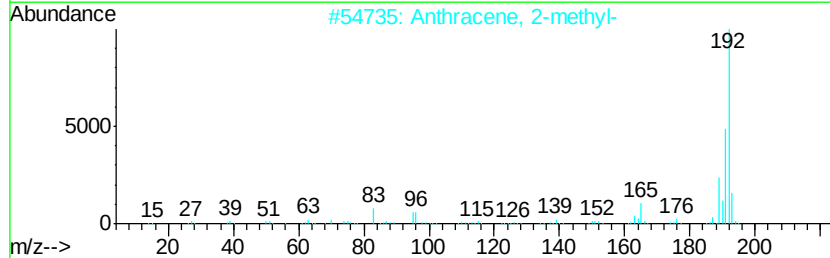
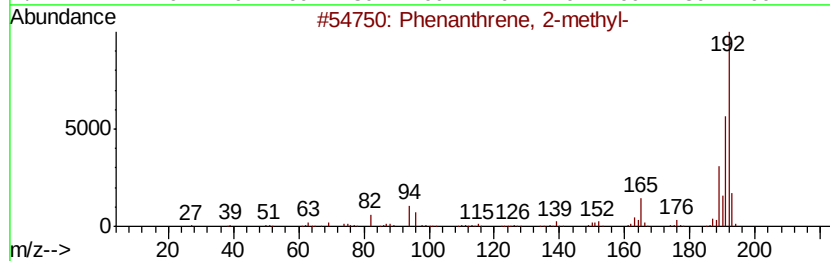
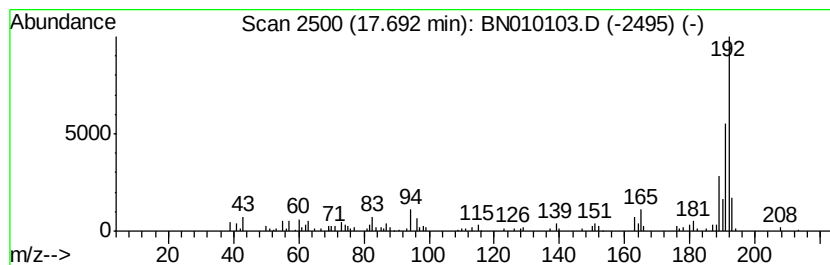
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.69	2.92 ng/ul	227957	Phenanthrene-d10	16.76		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96	
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95	
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94	
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94	



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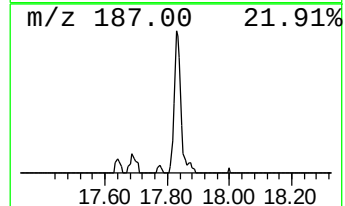
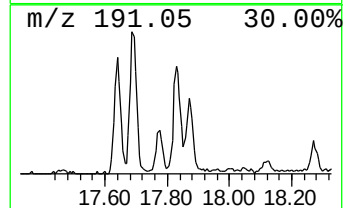
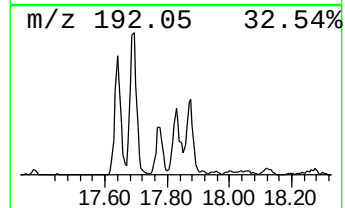
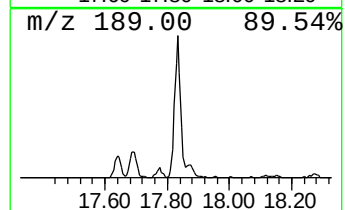
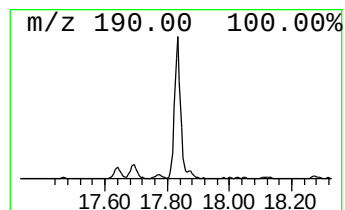
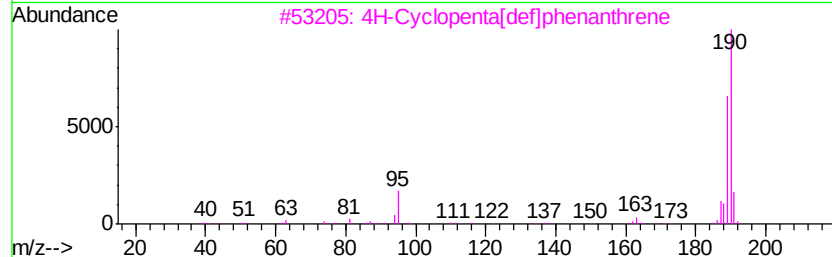
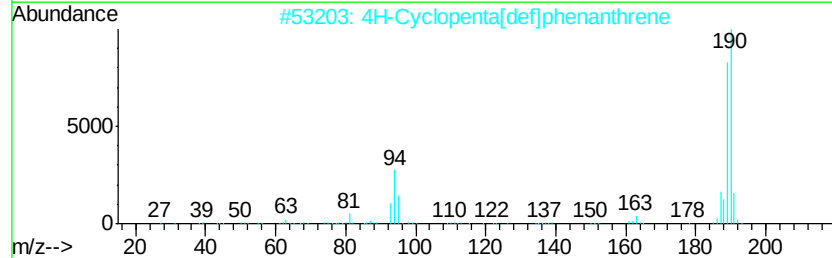
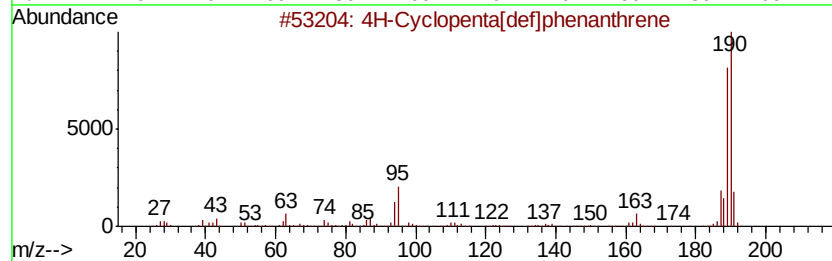
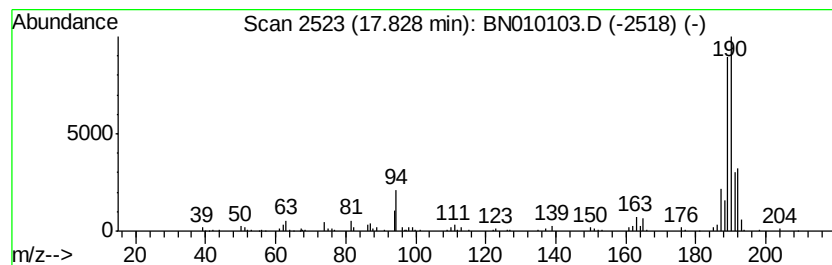
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.61 ng/ul	359882	Phenanthrene-d10	16.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4			Methyl diselenide	190	C2H6Se2	007101-31-7	55
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010103.D
Acq On : 05 Mar 2020 06:39
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDT4

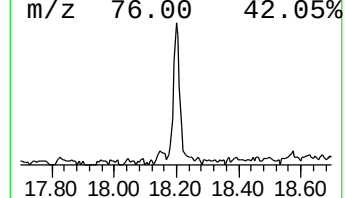
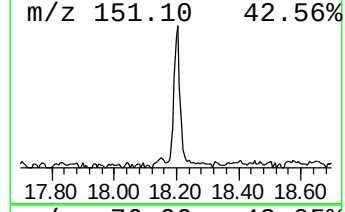
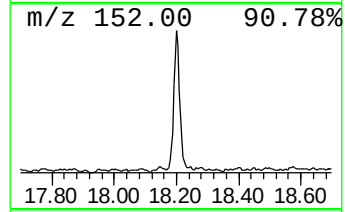
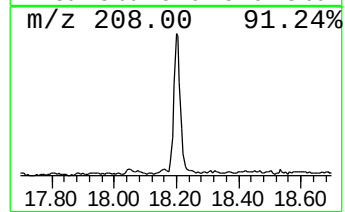
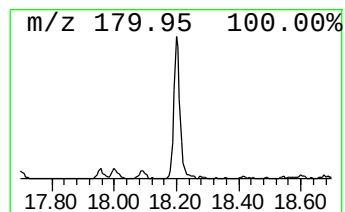
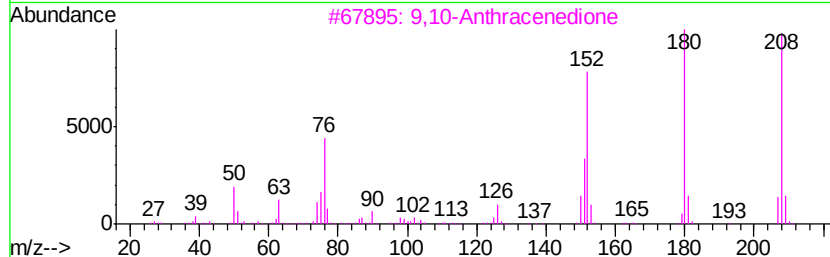
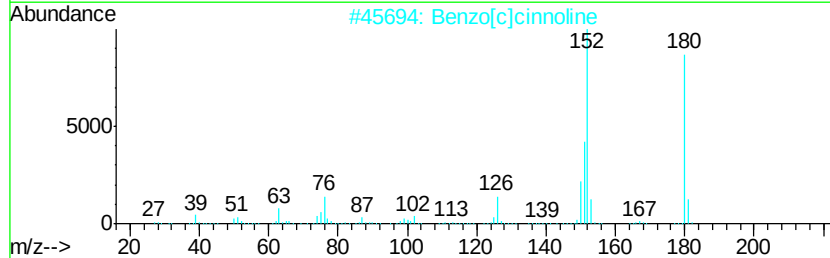
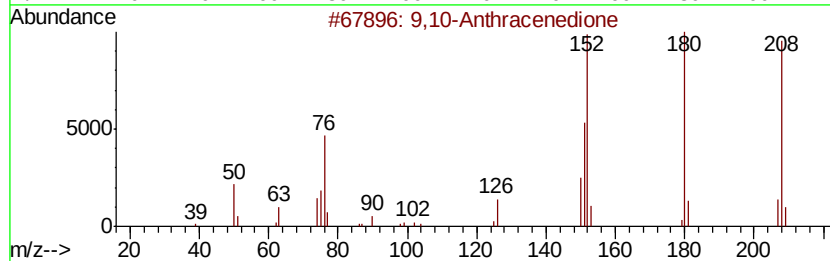
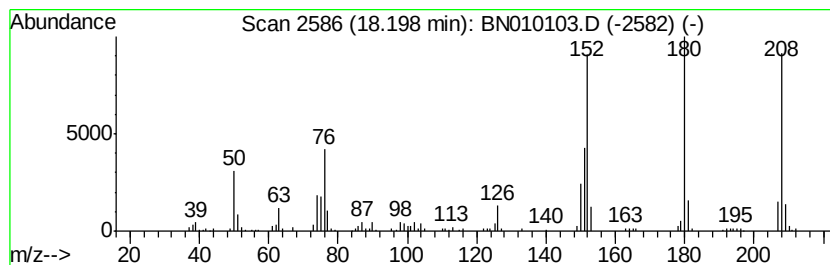
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.89 ng/ul	303378	Phenanthrene-d10	16.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	96
3	9,10-Anthracenedione		208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione		208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010103.D
Acq On : 05 Mar 2020 06:39
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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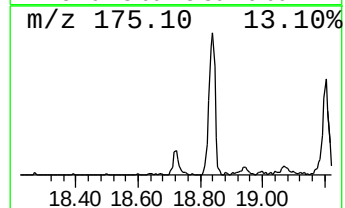
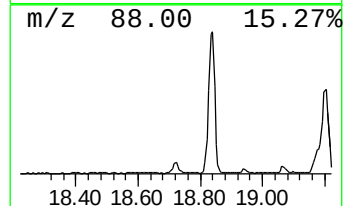
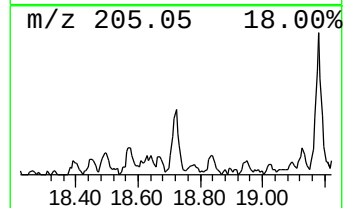
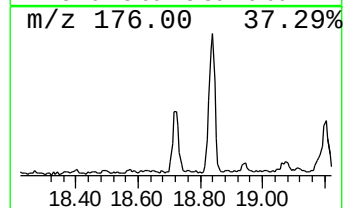
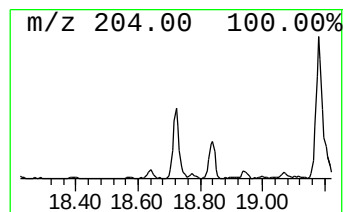
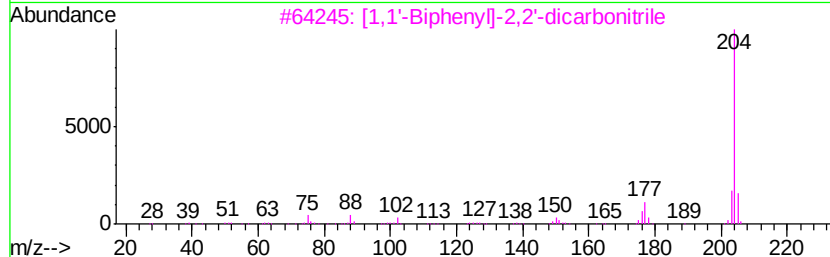
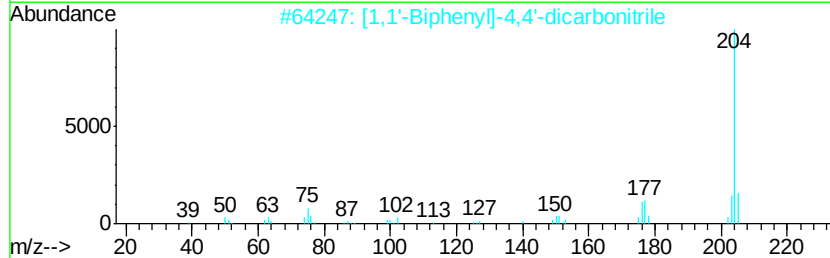
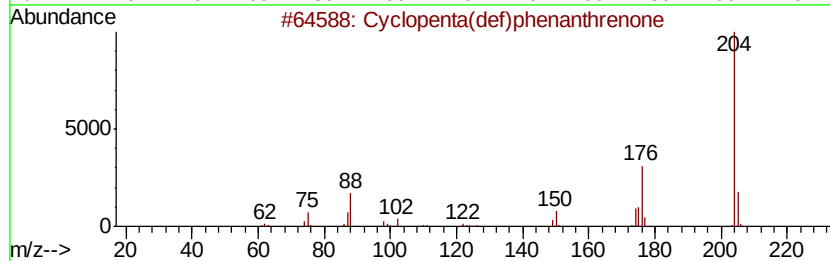
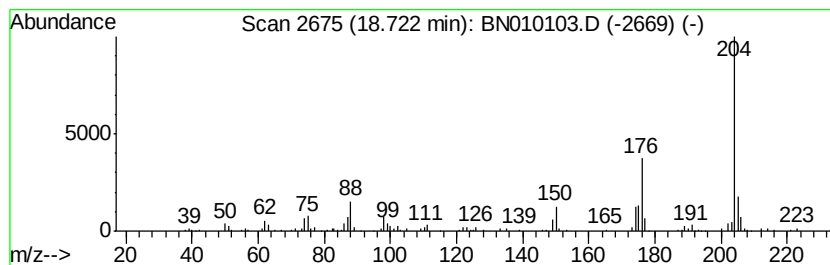
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.00 ng/ul	233806	Phenanthrene-d10	16.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	94
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
4		4-Methyl-6,7-methylenedioxy coumarin	204	C11H8O4	015071-04-2	58
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010103.D
Acq On : 05 Mar 2020 06:39
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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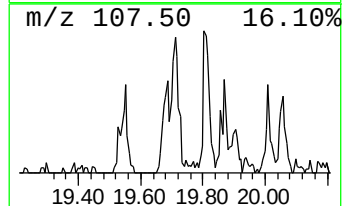
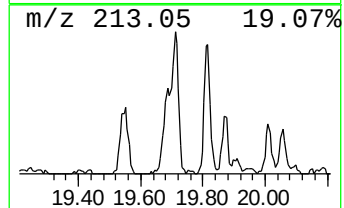
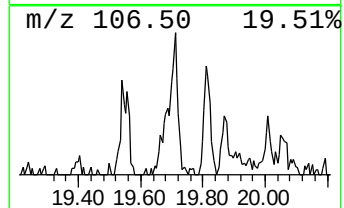
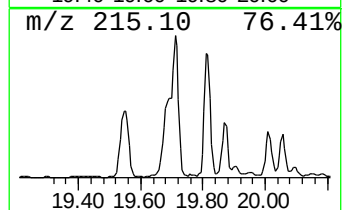
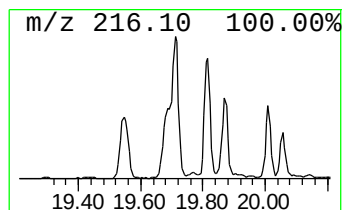
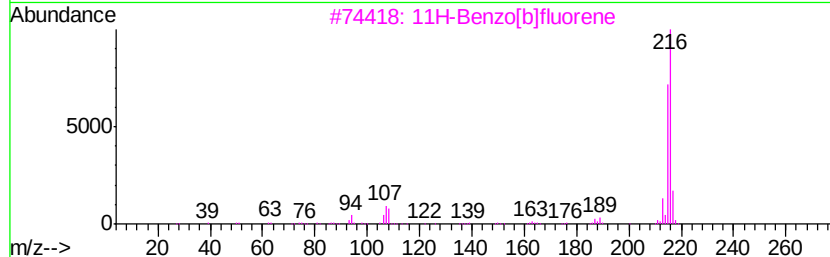
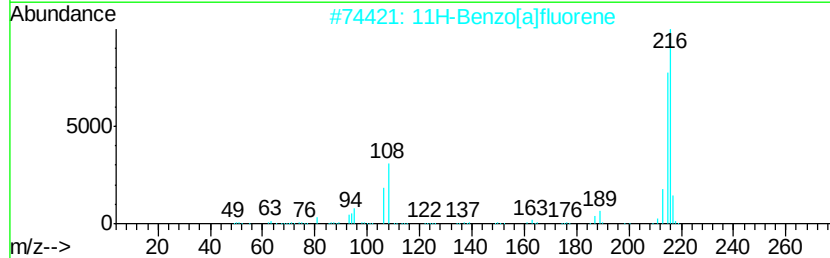
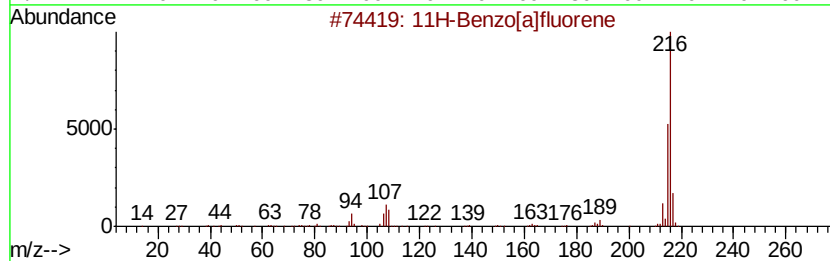
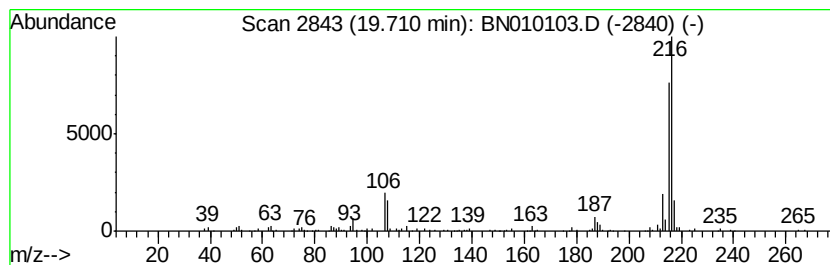
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.31 ng/ul	414567	Chrysene-d12	20.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010103.D
Acq On : 05 Mar 2020 06:39
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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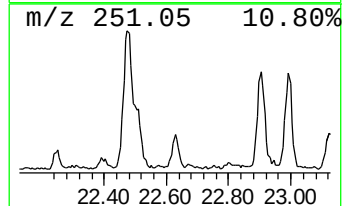
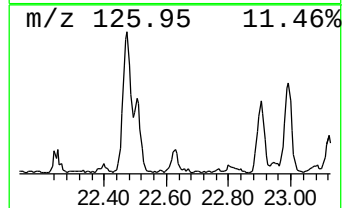
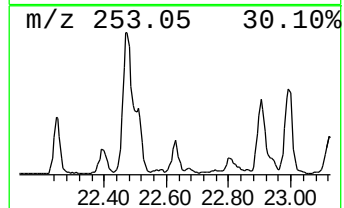
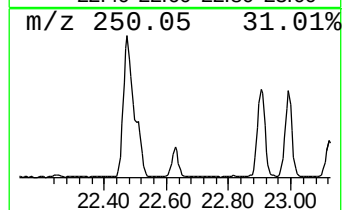
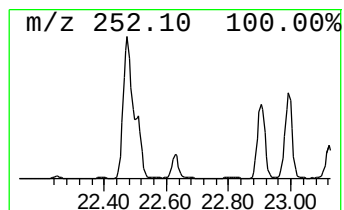
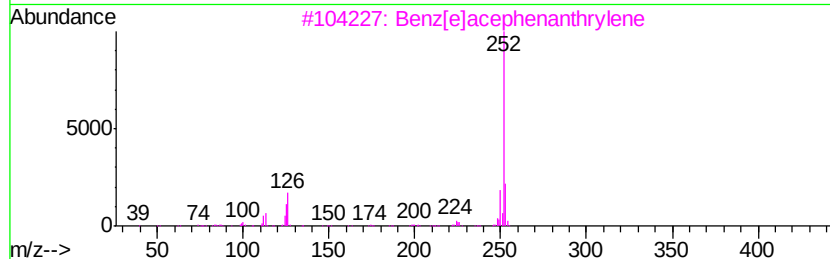
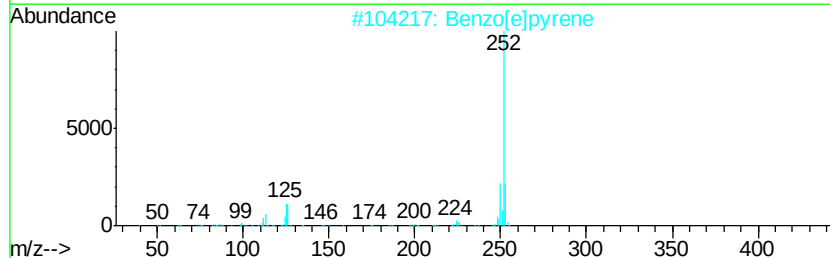
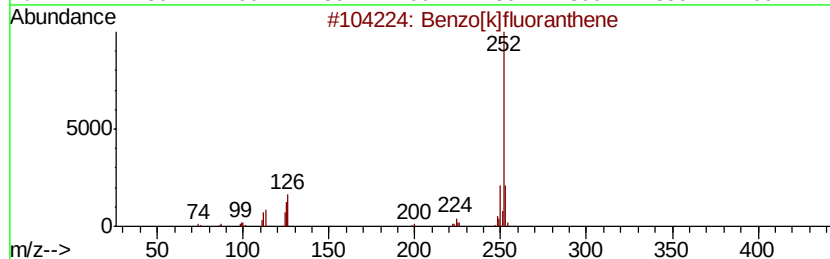
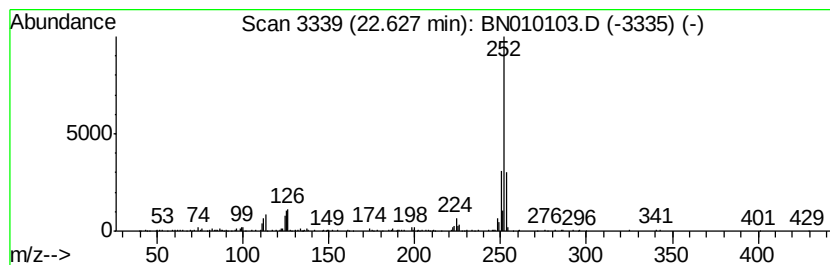
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	3.23 ng/ul	273242	Perylene-d12	23.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2		Benzo[e]pyrene	252	C20H12	000192-97-2	95
3		Benzo[a]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	87
5		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010103.D
Acq On : 05 Mar 2020 06:39
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Sample : L1617-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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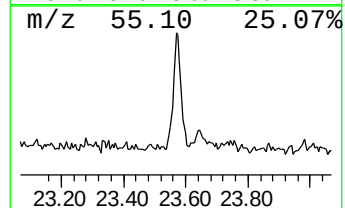
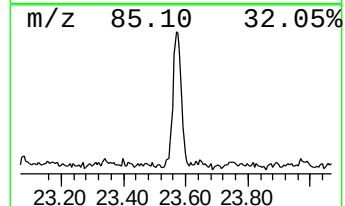
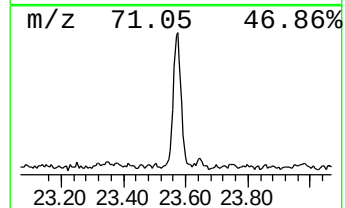
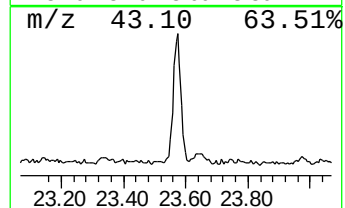
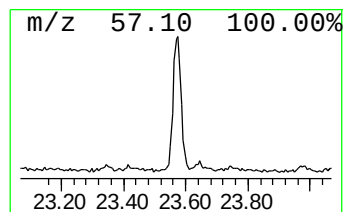
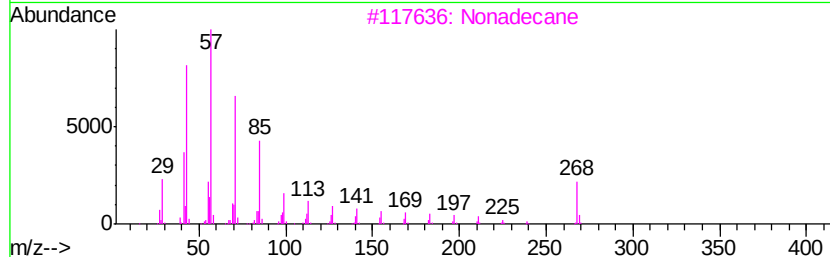
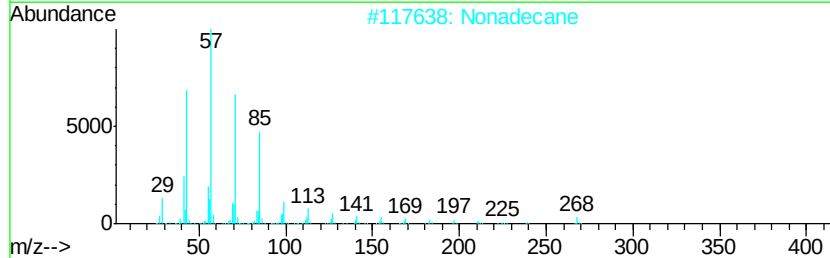
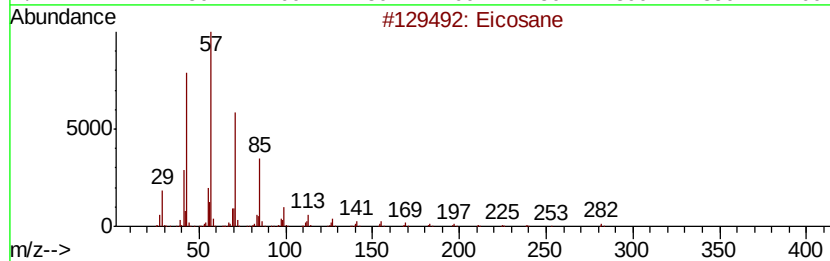
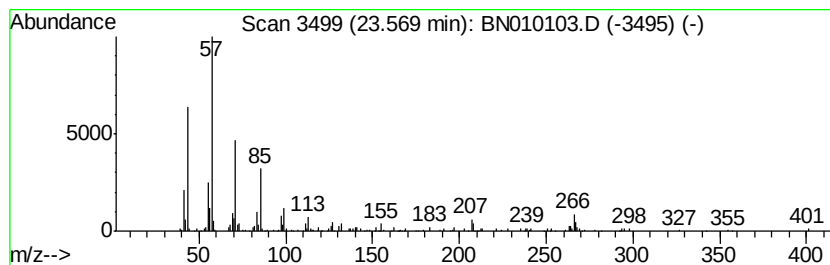
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	3.55 ng/ul	299627	Perylene-d12	23.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Nonadecane	268	C19H40	000629-92-5	96
3		Nonadecane	268	C19H40	000629-92-5	76
4		Octadecane	254	C18H38	000593-45-3	68
5		Heptacosane	380	C27H56	000593-49-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010103.D
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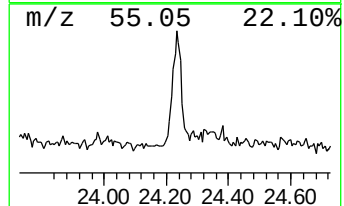
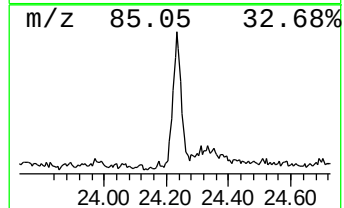
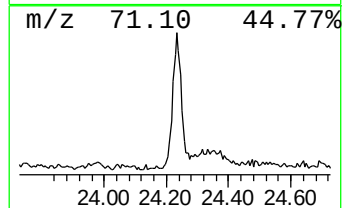
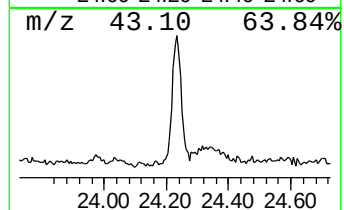
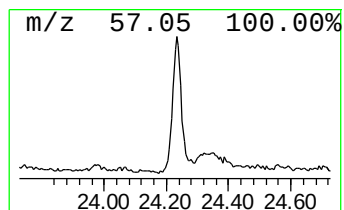
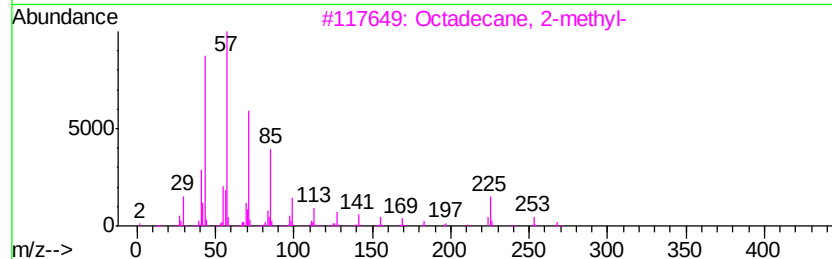
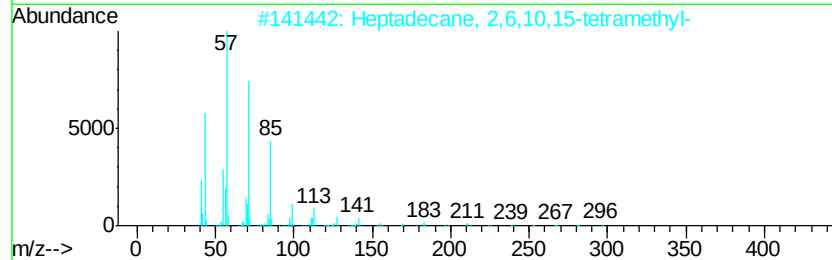
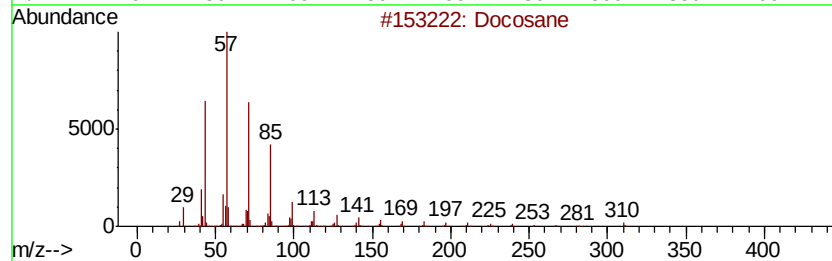
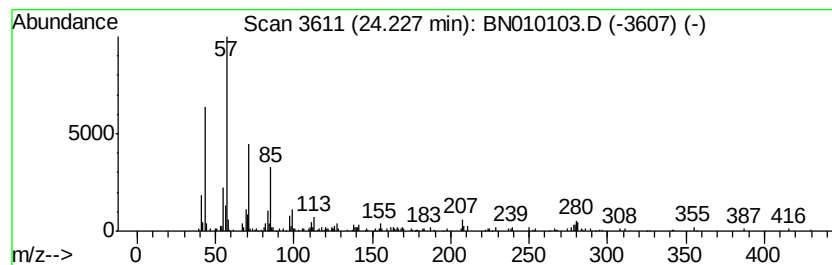
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	3.53 ng/ul	298013	Perylene-d12	23.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	94
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Heneicosane, 10-methyl-	310	C22H46	013287-25-7	87
5		Tetracosane	338	C24H50	000646-31-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010103.D
Acq On : 05 Mar 2020 06:39
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBDT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
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Anthracene, 2-met...	17.69	2.9	ng/ul	227957	4	16.76	1559870	20.0
4H-Cyclopenta[def...	17.83	4.6	ng/ul	359882	4	16.76	1559870	20.0
9,10-Anthracenedione	18.20	3.9	ng/ul	303378	4	16.76	1559870	20.0
Cyclopenta(def)ph...	18.72	3.0	ng/ul	233806	4	16.76	1559870	20.0
11H-Benzo[a]fluorene	19.71	2.3	ng/ul	414567	5	20.99	3596180	20.0
Pyrido[2,3-g]indo...	22.25	2.5	ng/ul	213098	6	23.08	1690170	20.0
Benzo[e]pyrene	22.63	3.2	ng/ul	273242	6	23.08	1690170	20.0
(DEL) Alkane: Str...	23.57	3.5	ng/ul	299627	6	23.08	1690170	20.0
(DEL) Alkane: Str...	24.23	3.5	ng/ul	298013	6	23.08	1690170	20.0