

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031665.D
 Acq On : 24 May 2024 17:39
 Operator : MA/JU
 Sample : P2548-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031665.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.617	103	107	119	rBV	45765	78246	1.07%	0.095%
2	3.711	119	123	132	rVV	107604	140645	1.92%	0.171%
3	4.822	307	312	317	rVV	43328	60874	0.83%	0.074%
4	5.963	500	506	513	rVB2	28869	51145	0.70%	0.062%
5	6.852	649	657	666	rVV	442813	733569	10.02%	0.892%
6	7.028	680	687	694	rBV	412355	639649	8.74%	0.778%
7	7.222	713	720	727	rBV	452001	734222	10.03%	0.893%
8	7.293	728	732	745	rVB3	25037	69985	0.96%	0.085%
9	7.687	791	799	807	rVV	1823640	2973818	40.62%	3.615%
10	8.387	912	918	925	rVV2	445717	719220	9.82%	0.874%
11	8.840	988	995	1004	rBV	419763	694679	9.49%	0.844%
12	9.410	1086	1092	1098	rVB	46711	71686	0.98%	0.087%
13	9.557	1109	1117	1124	rBV	276362	462172	6.31%	0.562%
14	10.087	1200	1207	1215	rBV	467078	787671	10.76%	0.957%
15	10.252	1230	1235	1244	rVB	35989	57930	0.79%	0.070%
16	10.469	1263	1272	1279	rBV	2450211	4170809	56.98%	5.070%
17	10.522	1279	1281	1287	rVV	62274	79486	1.09%	0.097%
18	10.610	1289	1296	1306	rVB	194075	341878	4.67%	0.416%
19	11.210	1390	1398	1410	rBV	124444	233786	3.19%	0.284%
20	12.140	1550	1556	1561	rBV	46240	75538	1.03%	0.092%
21	12.357	1588	1593	1600	rVB	46465	78191	1.07%	0.095%
22	13.645	1806	1812	1817	rBV2	48244	80332	1.10%	0.098%
23	13.740	1823	1828	1834	rVV	739171	1026574	14.02%	1.248%
24	14.016	1865	1875	1888	rBV	875459	1489666	20.35%	1.811%
25	14.328	1918	1928	1934	rVV	3006176	4413174	60.29%	5.365%
26	14.387	1934	1938	1946	rVV	214921	335946	4.59%	0.408%
27	14.528	1955	1962	1973	rVV5	160898	439865	6.01%	0.535%
28	14.728	1990	1996	2004	rVB	140956	235182	3.21%	0.286%
29	15.122	2055	2063	2066	rBV5	22826	52486	0.72%	0.064%
30	15.322	2090	2097	2102	rVV	1031589	1485839	20.30%	1.806%
31	15.375	2102	2106	2111	rVV	215497	315391	4.31%	0.383%
32	15.434	2111	2116	2121	rVV2	100598	159803	2.18%	0.194%
33	15.669	2151	2156	2162	rVB	67262	102371	1.40%	0.124%
34	15.816	2175	2181	2189	rVV	70504	146480	2.00%	0.178%
35	16.051	2215	2221	2229	rVB3	50456	93347	1.28%	0.113%
36	16.351	2266	2272	2273	rBV2	34331	50670	0.69%	0.062%

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37	16.381	2274	2277	2281	rVV2	48614	76431	1.04%	0.093%
38	16.604	2308	2315	2319	rBV2	32313	61392	0.84%	0.075%
39	16.728	2331	2336	2342	rVB	116320	174060	2.38%	0.212%
40	16.798	2343	2348	2350	rBV2	43763	70769	0.97%	0.086%
41	16.886	2359	2363	2373	rVB	143534	229762	3.14%	0.279%
42	17.069	2388	2394	2398	rVV	2669127	4022667	54.95%	4.890%
43	17.110	2398	2401	2407	rVV	2655145	3792102	51.80%	4.610%
44	17.169	2407	2411	2414	rVV	925000	1329280	18.16%	1.616%
45	17.204	2414	2417	2423	rVV	540870	732041	10.00%	0.890%
46	17.257	2423	2426	2433	rVB3	33826	54944	0.75%	0.067%
47	17.475	2455	2463	2473	rBV	256376	423692	5.79%	0.515%
48	17.592	2479	2483	2489	rBV3	44994	67640	0.92%	0.082%
49	17.651	2489	2493	2502	rVB2	59410	98301	1.34%	0.119%
50	17.945	2537	2543	2546	rBV	296396	450635	6.16%	0.548%
51	17.992	2547	2551	2557	rVB	422627	648121	8.85%	0.788%
52	18.075	2557	2565	2569	rBV2	112023	184814	2.52%	0.225%
53	18.139	2570	2576	2580	rBV2	412806	748692	10.23%	0.910%
54	18.175	2580	2582	2589	rVB	202914	257266	3.51%	0.313%
55	18.269	2591	2598	2600	rBV4	32832	81009	1.11%	0.098%
56	18.292	2600	2602	2607	rVB3	40438	51659	0.71%	0.063%
57	18.451	2624	2629	2632	rVV	215475	302562	4.13%	0.368%
58	18.486	2632	2635	2642	rVB2	196967	281716	3.85%	0.342%
59	18.698	2667	2671	2675	rVV	65320	84678	1.16%	0.103%
60	18.745	2675	2679	2682	rVV	73197	96407	1.32%	0.117%
61	18.786	2682	2686	2690	rVB2	67124	94243	1.29%	0.115%
62	18.869	2695	2700	2704	rBV	187939	293573	4.01%	0.357%
63	18.928	2704	2710	2713	rVV4	109583	227992	3.11%	0.277%
64	18.957	2713	2715	2719	rVV	60060	70578	0.96%	0.086%
65	19.004	2719	2723	2732	rVV	161949	280757	3.84%	0.341%
66	19.133	2739	2745	2751	rVB	3705421	5123301	69.99%	6.228%
67	19.327	2774	2778	2781	rBV2	49776	71073	0.97%	0.086%
68	19.375	2782	2786	2790	rBV	115775	157615	2.15%	0.192%
69	19.469	2796	2802	2803	rBV2	1569666	2124537	29.02%	2.583%
70	19.498	2803	2807	2814	rVV	3002751	4511010	61.62%	5.483%
71	19.569	2815	2819	2823	rVV2	148106	209747	2.87%	0.255%
72	19.610	2823	2826	2831	rVB	196967	233701	3.19%	0.284%
73	19.675	2833	2837	2843	rVV	171442	237620	3.25%	0.289%
74	19.733	2844	2847	2853	rVB2	68396	101931	1.39%	0.124%
75	19.822	2856	2862	2868	rBV3	196453	512842	7.01%	0.623%
76	19.875	2869	2871	2875	rVB	57953	56084	0.77%	0.068%

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 Title : SVOA CALIBRATION

77	19.957	2880	2885	2887	rVV4	154068	260322	3.56%	0.316%
78	19.992	2887	2891	2895	rVB2	443350	611555	8.35%	0.743%
79	20.092	2904	2908	2911	rBV	257736	324393	4.43%	0.394%
80	20.151	2913	2918	2922	rVB2	251384	392798	5.37%	0.477%
81	20.286	2938	2941	2945	rBV	161055	208705	2.85%	0.254%
82	20.333	2945	2949	2953	rVV	167130	225907	3.09%	0.275%
83	20.404	2959	2961	2964	rBV2	49685	54046	0.74%	0.066%
84	20.557	2984	2987	2994	rBV2	151508	243867	3.33%	0.296%
85	20.739	3014	3018	3025	rVB	317161	437721	5.98%	0.532%
86	20.910	3041	3047	3051	rBV2	287364	521787	7.13%	0.634%
87	20.951	3051	3054	3058	rVV	280365	396444	5.42%	0.482%
88	20.992	3058	3061	3067	rVV3	384234	723685	9.89%	0.880%
89	21.051	3067	3071	3079	rVB2	330617	526608	7.19%	0.640%
90	21.298	3105	3113	3118	rBV2	3292022	7320358	100.00%	8.898%
91	21.345	3118	3121	3131	rVB	1657210	2437161	33.29%	2.963%
92	21.486	3141	3145	3152	rBV2	164226	322638	4.41%	0.392%
93	21.680	3173	3178	3184	rBV2	174657	356419	4.87%	0.433%
94	21.974	3226	3228	3234	rVB	239699	324480	4.43%	0.394%
95	23.316	3448	3456	3463	rBV	1195412	3681222	50.29%	4.475%
96	23.545	3491	3495	3503	rVB	220115	413500	5.65%	0.503%
97	23.968	3560	3567	3573	rBV	653698	1518594	20.74%	1.846%
98	24.033	3573	3578	3584	rVV2	642781	1585433	21.66%	1.927%
99	24.104	3584	3590	3600	rVB	1019559	2437393	33.30%	2.963%
100	24.239	3605	3613	3621	rBV	1836715	4630781	63.26%	5.629%

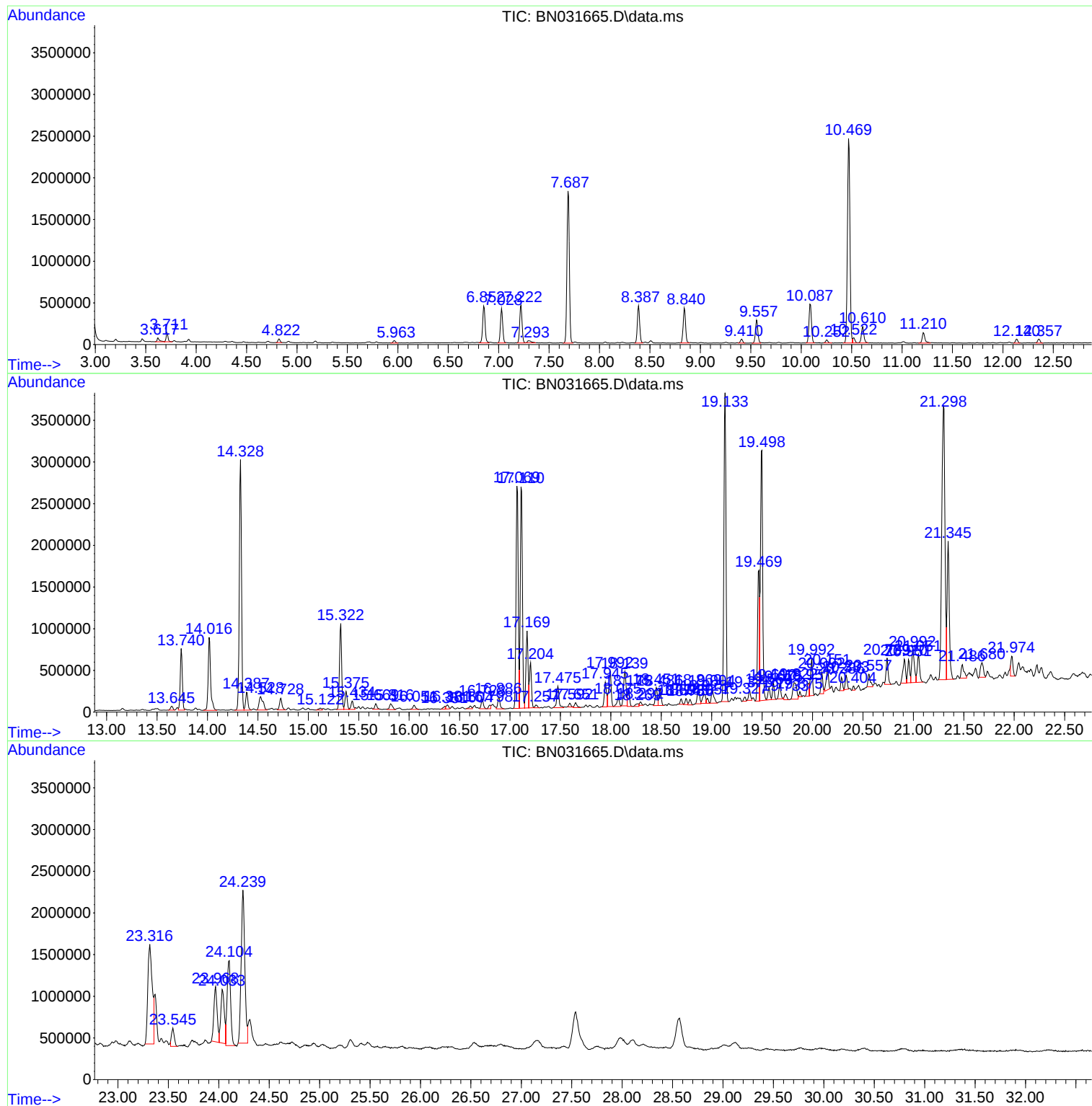
Sum of corrected areas: 82265386

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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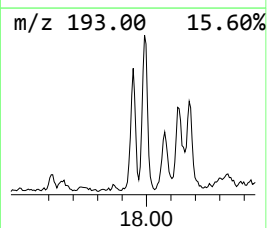
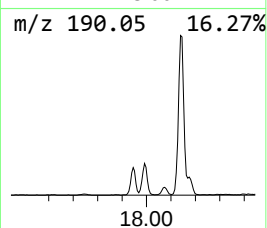
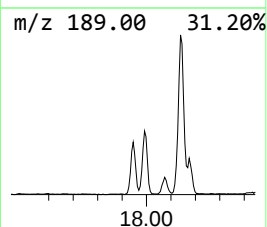
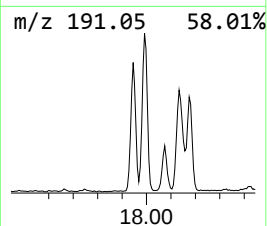
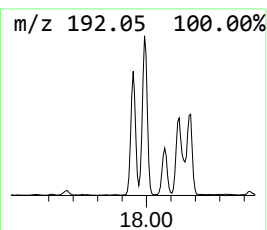
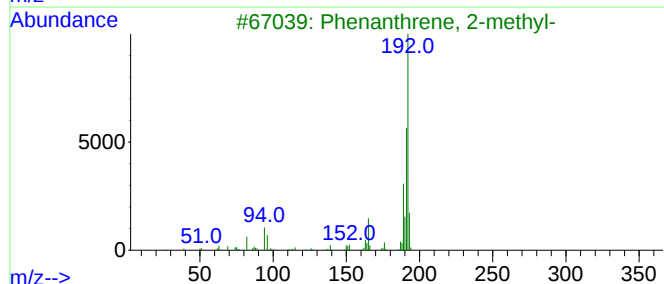
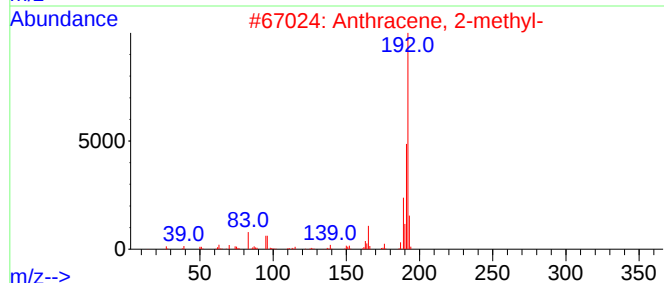
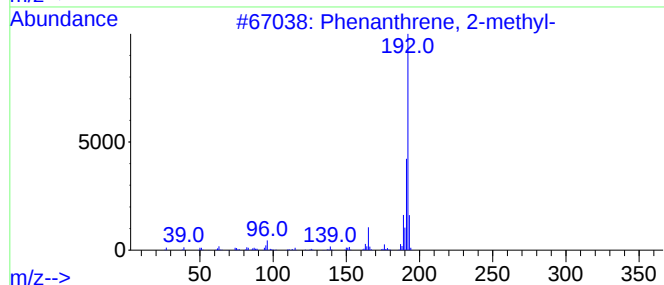
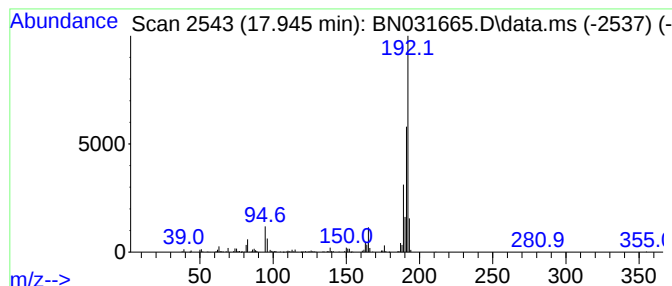
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	2.24 ng/ul	450635	Phenanthrene-d10	17.075

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, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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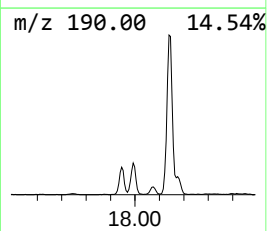
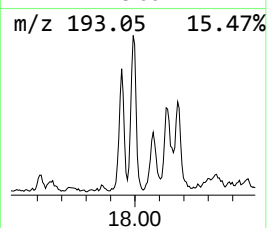
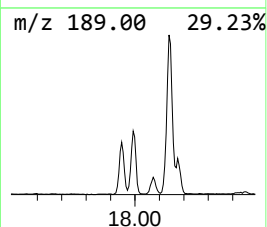
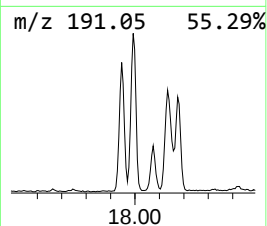
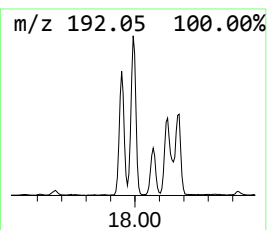
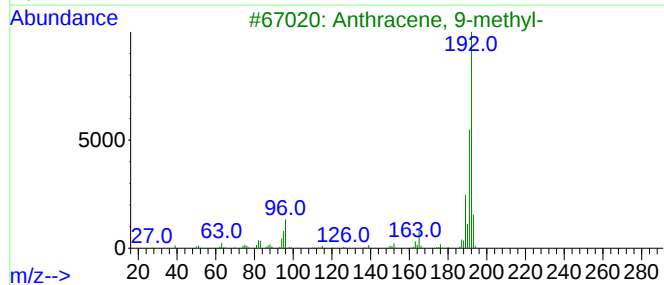
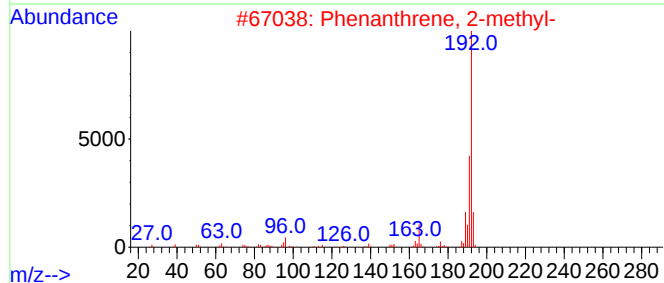
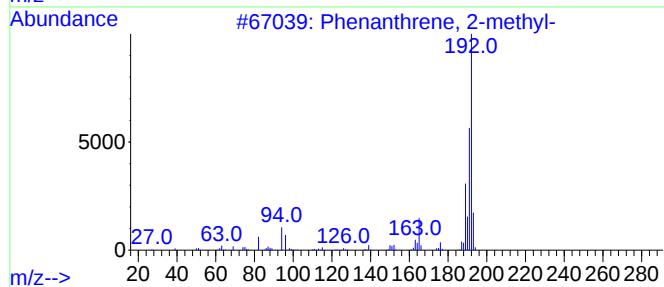
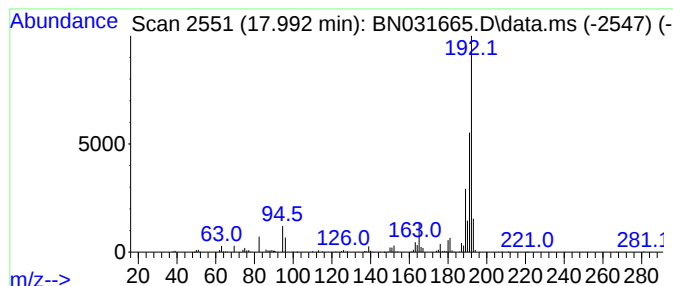
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	3.22 ng/ul	648121	Phenanthrene-d10	17.075

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		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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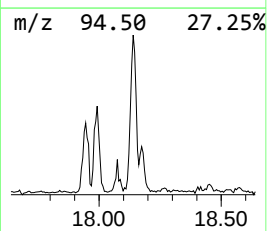
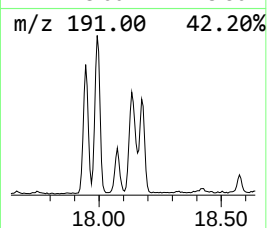
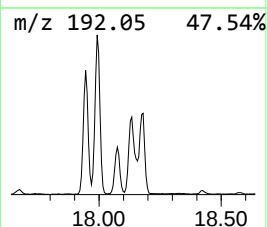
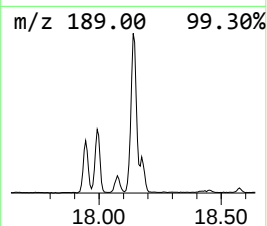
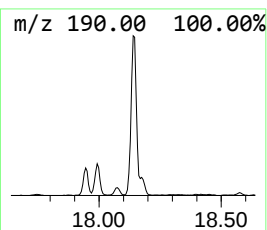
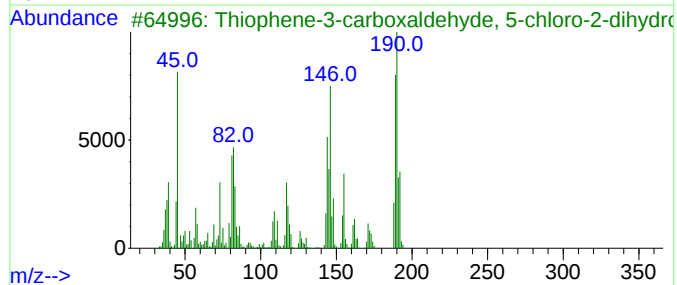
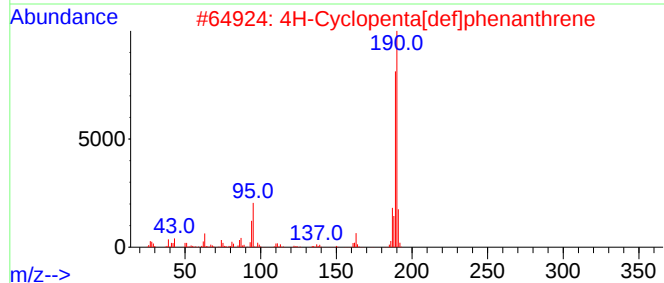
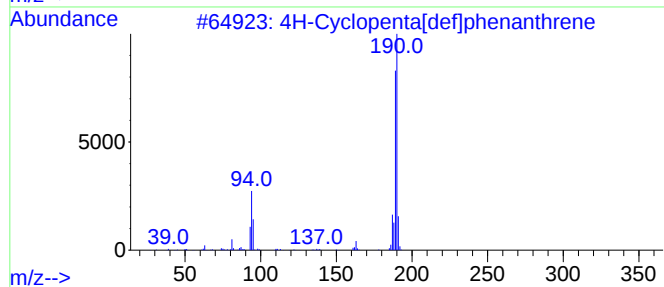
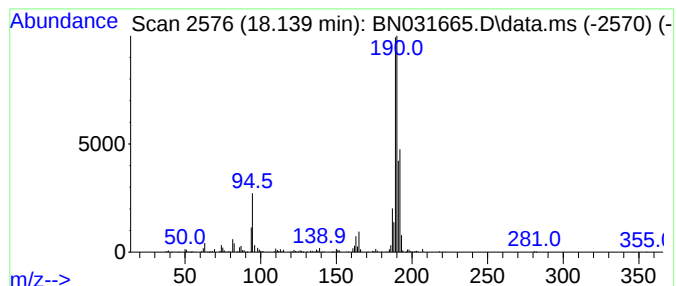
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.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.
18.139	3.72 ng/ul	748692	Phenanthrene-d10	17.075

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	55
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
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Acq On : 24 May 2024 17:39
Operator : MA/JU
Sample : P2548-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5Y0

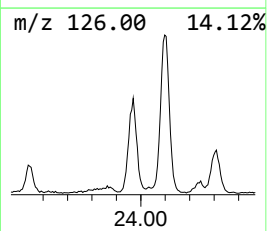
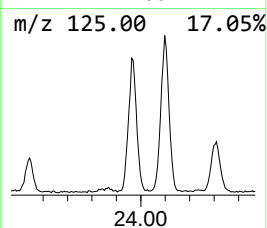
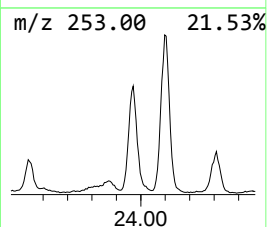
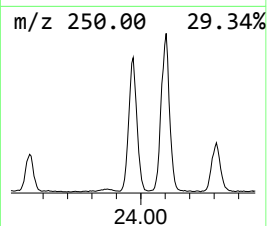
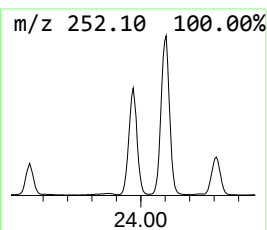
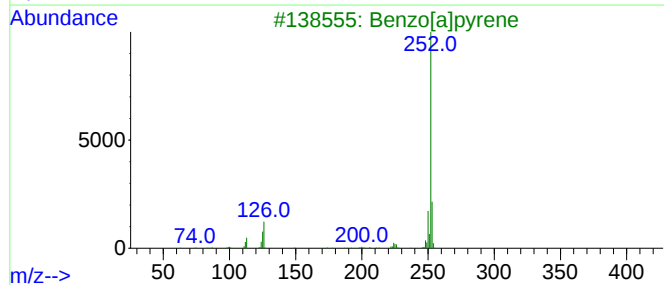
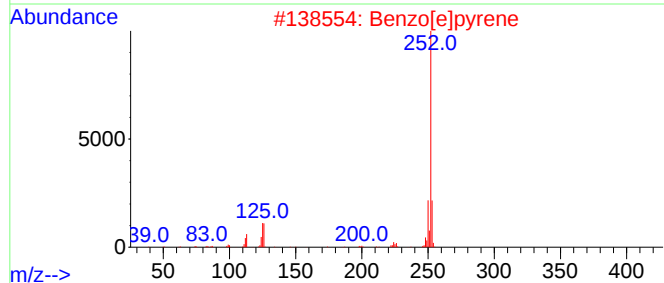
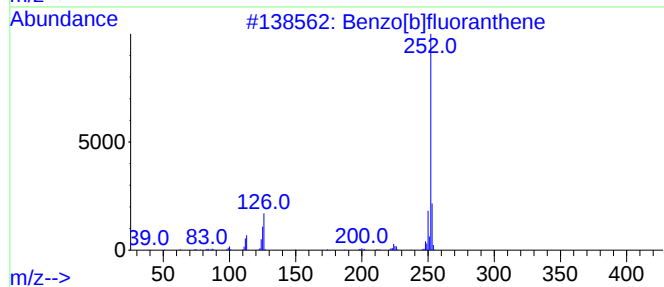
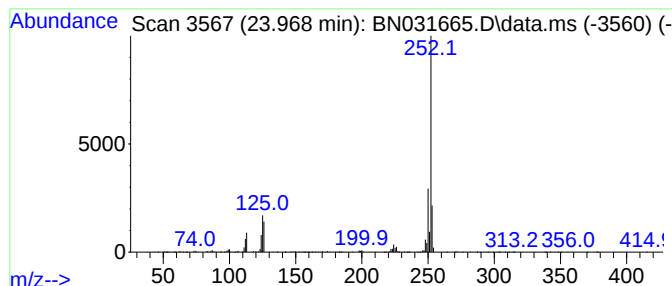
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.968	6.56 ng/ul	1518590	Perylene-d12	24.239

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031665.D
Acq On : 24 May 2024 17:39
Operator : MA/JU
Sample : P2548-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5Y0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2...	17.945	2.2	ng/ul	450635	4	17.075	4022670	20.0
Anthracene, 9-m...	17.992	3.2	ng/ul	648121	4	17.075	4022670	20.0
4H-Cyclopenta[d...	18.139	3.7	ng/ul	748692	4	17.075	4022670	20.0
Benzo[e]pyrene	23.968	6.6	ng/ul	1518590	6	24.239	4630780	20.0