

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031660.D
 Acq On : 24 May 2024 14:20
 Operator : MA/JU
 Sample : P2548-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH609

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: BN031660.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.205	33	37	44	rVB	46643	65152	1.12%	0.094%
2	3.464	79	81	86	rBV	27385	35656	0.61%	0.052%
3	3.605	103	105	118	rBV	374721	563315	9.64%	0.814%
4	3.711	119	123	132	rVV	142629	197762	3.38%	0.286%
5	3.928	156	160	166	rVB	25494	36797	0.63%	0.053%
6	4.822	307	312	319	rBV	44259	71161	1.22%	0.103%
7	4.916	324	328	339	rVB	19415	31987	0.55%	0.046%
8	5.181	367	373	381	rVB	19355	32444	0.56%	0.047%
9	5.963	500	506	515	rVB3	28008	46628	0.80%	0.067%
10	6.852	649	657	666	rBV	665600	1078162	18.45%	1.559%
11	7.028	681	687	699	rVB	588292	929114	15.90%	1.343%
12	7.222	713	720	727	rBV	692779	1096715	18.77%	1.586%
13	7.310	730	735	740	rBV5	17544	33305	0.57%	0.048%
14	7.687	792	799	808	rBV	1408598	2327243	39.83%	3.364%
15	8.228	886	891	901	rVB2	18614	38935	0.67%	0.056%
16	8.387	911	918	926	rBV	713669	1132508	19.38%	1.637%
17	8.510	934	939	948	rVB	32813	54177	0.93%	0.078%
18	8.840	988	995	1005	rBV	597026	998774	17.10%	1.444%
19	9.410	1087	1092	1098	rVB	45193	68140	1.17%	0.099%
20	9.557	1110	1117	1124	rBV	410321	684278	11.71%	0.989%
21	10.087	1200	1207	1218	rVV	697507	1174535	20.10%	1.698%
22	10.469	1264	1272	1279	rBV	1772698	3048353	52.18%	4.407%
23	10.610	1287	1296	1305	rBV	523470	909538	15.57%	1.315%
24	11.016	1358	1365	1371	rVB9	15023	33112	0.57%	0.048%
25	11.216	1393	1399	1404	rBV	48254	91207	1.56%	0.132%
26	12.357	1589	1593	1600	rVB2	17945	29575	0.51%	0.043%
27	13.645	1806	1812	1818	rBV4	23018	36065	0.62%	0.052%
28	13.739	1823	1828	1833	rVV	1093305	1514490	25.92%	2.189%
29	14.016	1869	1875	1894	rVV2	1344236	2279480	39.02%	3.295%
30	14.328	1920	1928	1934	rBV	2182307	3256859	55.75%	4.708%
31	14.392	1934	1939	1947	rVB2	31939	59978	1.03%	0.087%
32	14.522	1954	1961	1973	rBV	345579	630966	10.80%	0.912%
33	14.728	1992	1996	2004	rVB5	23348	52186	0.89%	0.075%
34	14.939	2025	2032	2038	rBV8	20342	50399	0.86%	0.073%
35	15.192	2071	2075	2081	rBV3	23836	39151	0.67%	0.057%
36	15.322	2090	2097	2103	rVV	1611464	2315896	39.64%	3.348%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
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37	15.375	2103	2106	2111	rVV3	39814	73164	1.25%	0.106%
38	15.433	2111	2116	2124	rVV	219569	315403	5.40%	0.456%
39	15.586	2135	2142	2148	rVB7	18026	42863	0.73%	0.062%
40	15.816	2179	2181	2189	rVB5	17518	31681	0.54%	0.046%
41	16.051	2215	2221	2228	rBV4	46124	81969	1.40%	0.119%
42	16.386	2270	2278	2281	rVV6	19810	48957	0.84%	0.071%
43	16.728	2332	2336	2344	rVB2	45980	79756	1.37%	0.115%
44	16.892	2360	2364	2370	rVB	45140	64483	1.10%	0.093%
45	16.975	2374	2378	2382	rBV6	19466	36345	0.62%	0.053%
46	17.069	2388	2394	2398	rBV	2265180	3290462	56.32%	4.757%
47	17.110	2398	2401	2406	rVV	742735	1068263	18.28%	1.544%
48	17.169	2406	2411	2415	rVV	1632489	2357848	40.36%	3.409%
49	17.204	2415	2417	2422	rVV	196353	233082	3.99%	0.337%
50	17.263	2422	2427	2432	rVB4	34684	62870	1.08%	0.091%
51	17.445	2454	2458	2459	rBV4	26563	29617	0.51%	0.043%
52	17.475	2460	2463	2467	rVB	62911	81904	1.40%	0.118%
53	17.592	2480	2483	2487	rVB	23133	29871	0.51%	0.043%
54	17.651	2489	2493	2502	rVB2	42877	60842	1.04%	0.088%
55	17.786	2513	2516	2522	rVB3	21843	35884	0.61%	0.052%
56	17.945	2538	2543	2545	rBV	169526	250749	4.29%	0.363%
57	17.975	2545	2548	2549	rBV	136997	147582	2.53%	0.213%
58	18.045	2557	2560	2562	rBV	28671	35266	0.60%	0.051%
59	18.075	2562	2565	2570	rVV	52345	69352	1.19%	0.100%
60	18.139	2570	2576	2580	rVV2	241360	459598	7.87%	0.664%
61	18.175	2580	2582	2589	rVB	149145	184469	3.16%	0.267%
62	18.451	2625	2629	2632	rBV	104176	142506	2.44%	0.206%
63	18.486	2632	2635	2642	rVB2	146684	209052	3.58%	0.302%
64	18.698	2667	2671	2675	rVB2	58228	71058	1.22%	0.103%
65	18.745	2675	2679	2682	rVV2	85918	118404	2.03%	0.171%
66	18.786	2683	2686	2689	rVB2	61303	83505	1.43%	0.121%
67	18.869	2695	2700	2704	rBV	197923	298234	5.10%	0.431%
68	18.927	2705	2710	2713	rVV4	83597	172864	2.96%	0.250%
69	18.963	2713	2716	2719	rVB	60308	69094	1.18%	0.100%
70	19.004	2719	2723	2731	rBV2	125043	263635	4.51%	0.381%
71	19.133	2739	2745	2751	rVB	2104290	2829188	48.43%	4.090%
72	19.233	2759	2762	2763	rBV2	40040	40575	0.69%	0.059%
73	19.257	2763	2766	2768	rBV	68459	70789	1.21%	0.102%
74	19.333	2776	2779	2782	rVB2	36450	45815	0.78%	0.066%
75	19.374	2783	2786	2789	rBV	59047	70454	1.21%	0.102%
76	19.463	2796	2801	2804	rBV	2247829	3310329	56.66%	4.786%

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Integration Parameters: LSCINT.P

Integrator: RTE

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 Title : SVOA CALIBRATION

77	19.492	2804	2806	2815	rVV	1956285	2617413	44.80%	3.784%
78	19.574	2815	2820	2824	rVV2	96539	156904	2.69%	0.227%
79	19.674	2834	2837	2843	rVB	74159	107315	1.84%	0.155%
80	19.733	2844	2847	2854	rVB2	89934	139213	2.38%	0.201%
81	19.822	2857	2862	2868	rBV5	154264	367055	6.28%	0.531%
82	19.957	2881	2885	2887	rBV3	112442	175348	3.00%	0.253%
83	19.992	2887	2891	2895	rVB	286181	407290	6.97%	0.589%
84	20.092	2904	2908	2912	rBV	169088	222454	3.81%	0.322%
85	20.151	2913	2918	2922	rVV3	236863	350681	6.00%	0.507%
86	20.292	2938	2942	2945	rBV	150802	182952	3.13%	0.264%
87	20.333	2946	2949	2955	rVV	154906	230842	3.95%	0.334%
88	20.404	2959	2961	2966	rVB2	67294	70013	1.20%	0.101%
89	20.739	3014	3018	3025	rVB	254368	383058	6.56%	0.554%
90	20.957	3052	3055	3058	rBV	148084	171515	2.94%	0.248%
91	20.998	3058	3062	3067	rVV3	372981	606589	10.38%	0.877%
92	21.051	3068	3071	3080	rVB	245045	367436	6.29%	0.531%
93	21.221	3097	3100	3104	rBV	215838	266623	4.56%	0.385%
94	21.304	3106	3114	3118	rVV3	2886863	5842315	100.00%	8.446%
95	21.345	3118	3121	3132	rVB	1144701	1770559	30.31%	2.560%
96	23.315	3449	3456	3463	rBV	881882	2657176	45.48%	3.841%
97	23.968	3561	3567	3572	rBV2	493421	1099181	18.81%	1.589%
98	24.039	3572	3579	3584	rVV2	1228641	2791428	47.78%	4.036%
99	24.098	3585	3589	3602	rVB	765089	1854110	31.74%	2.680%
100	24.245	3605	3614	3621	rBV	1646322	4321946	73.98%	6.248%

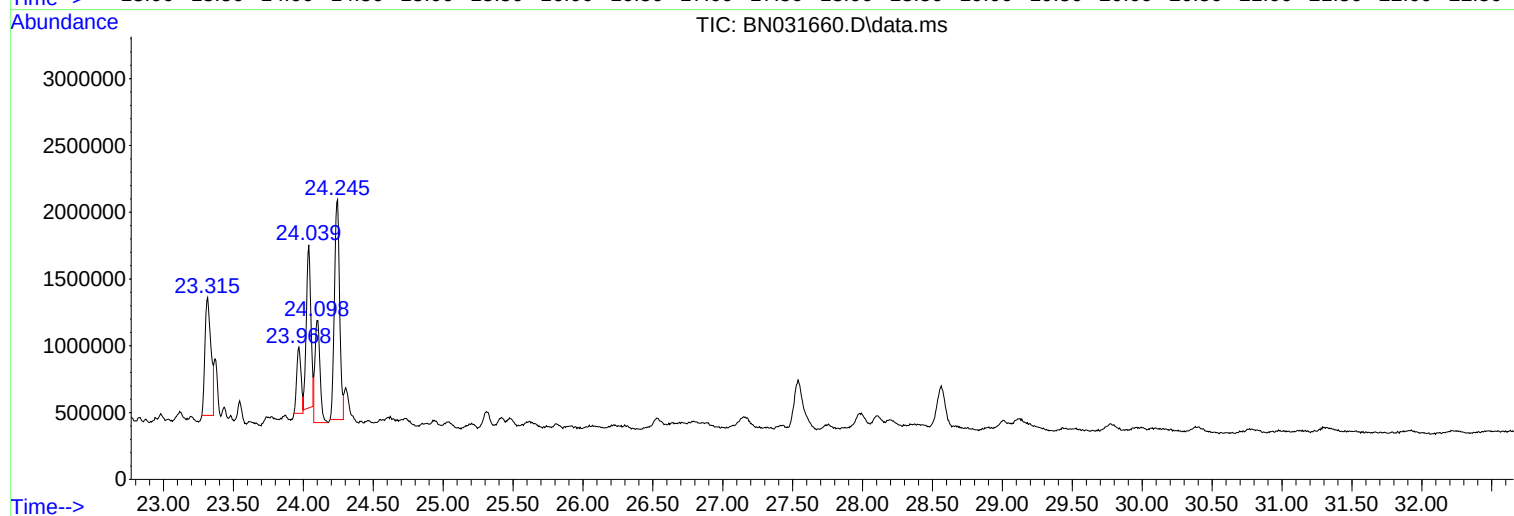
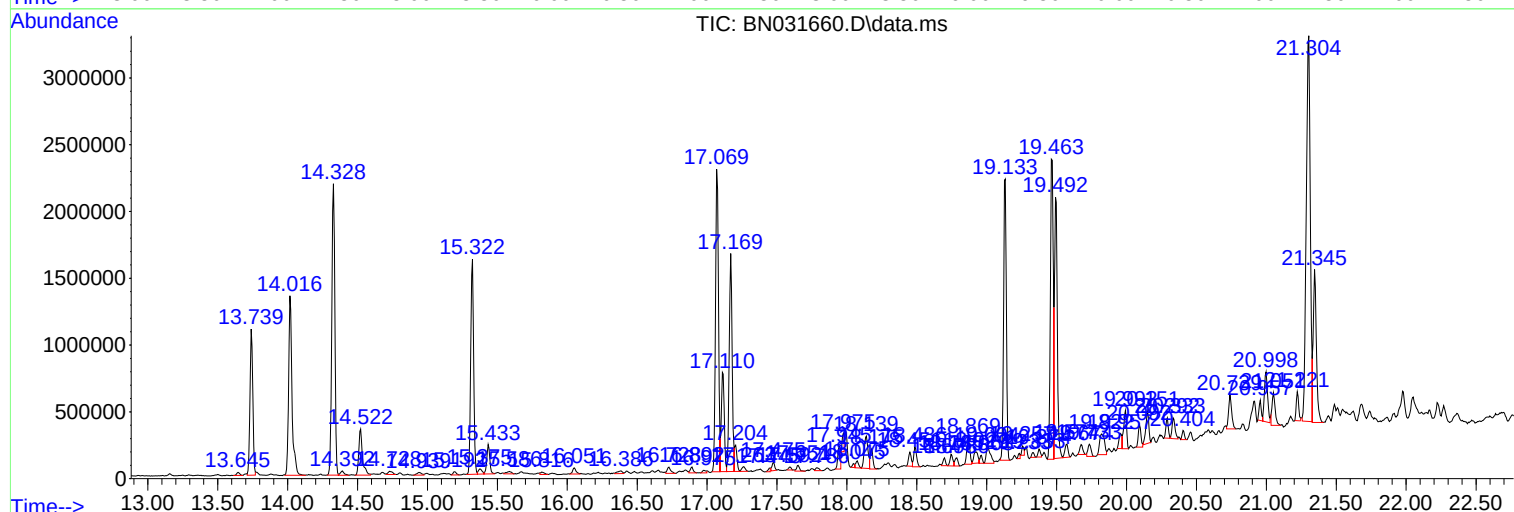
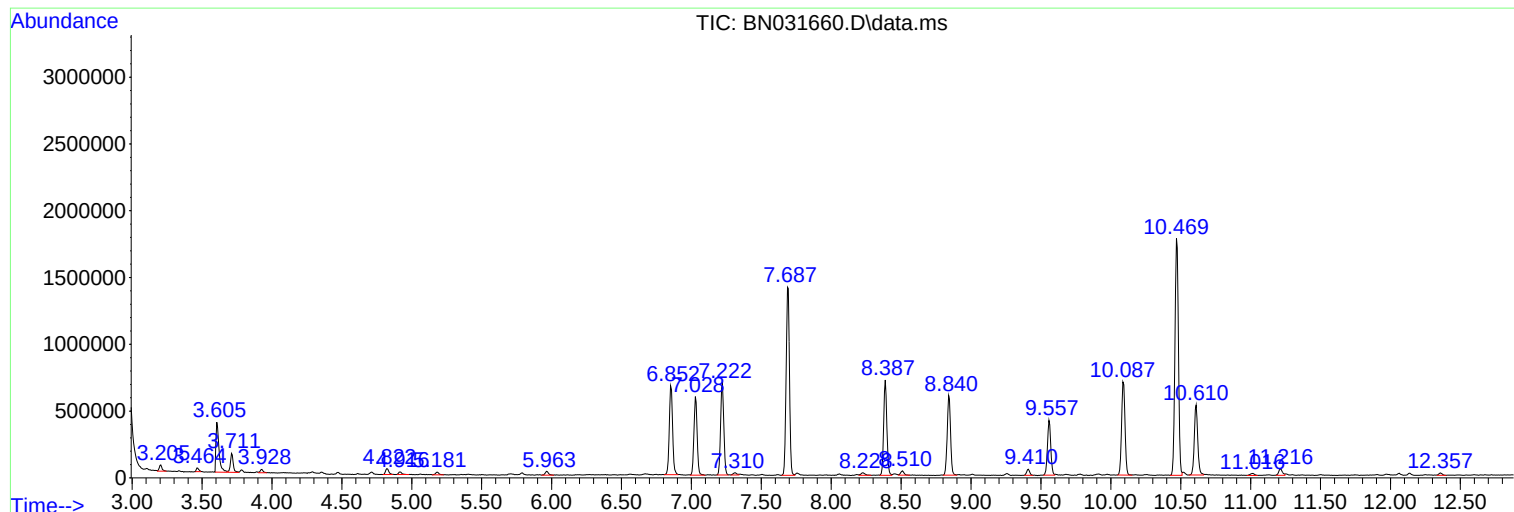
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH609

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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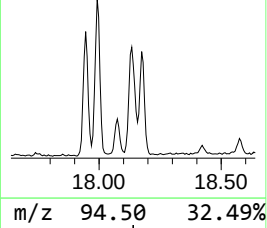
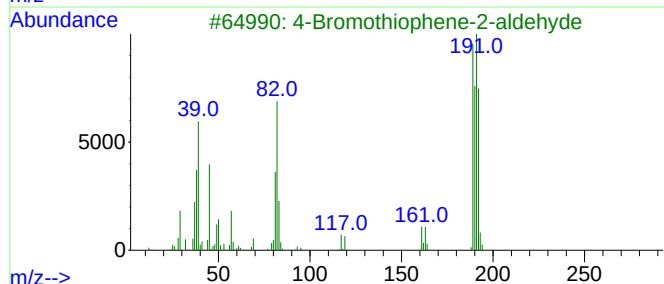
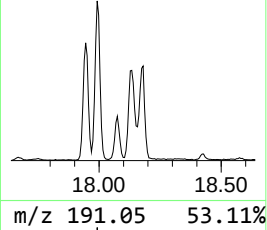
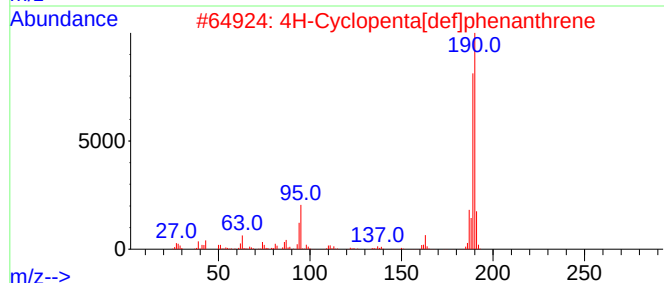
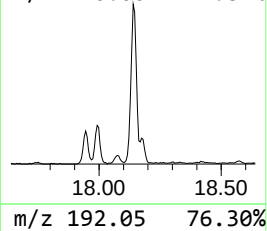
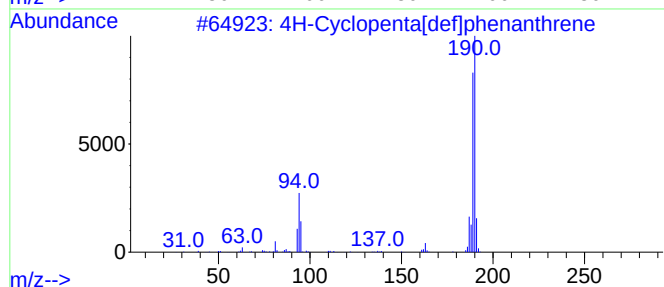
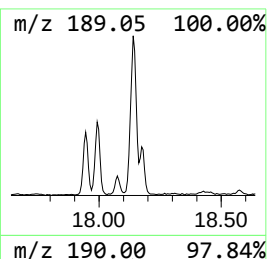
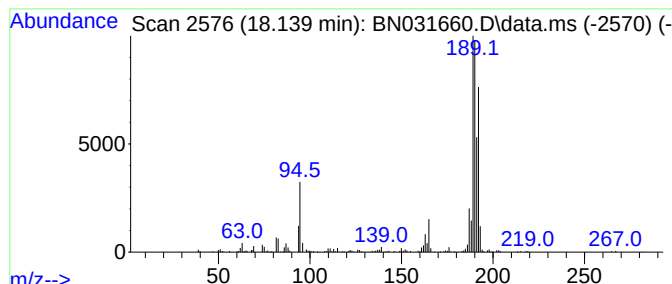
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.139	2.79 ng/ul	459598	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	50
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



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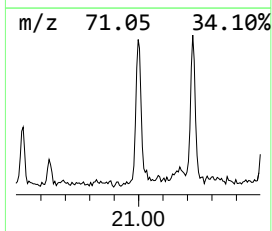
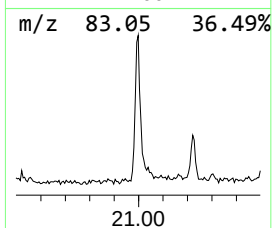
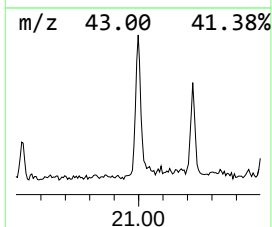
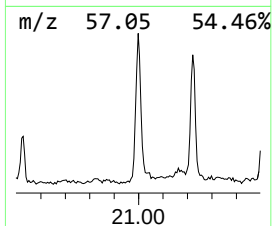
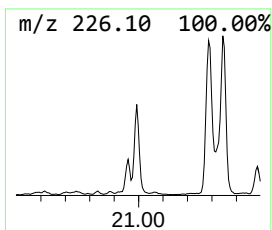
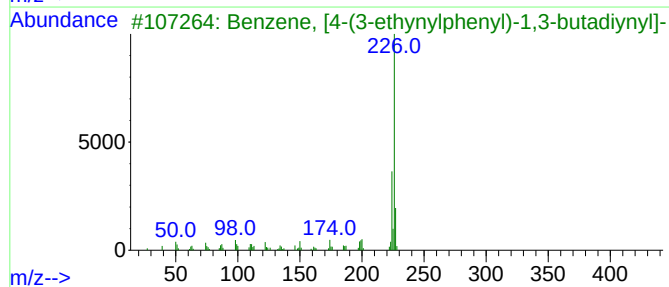
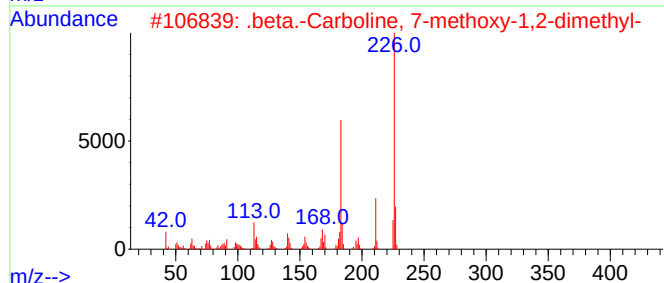
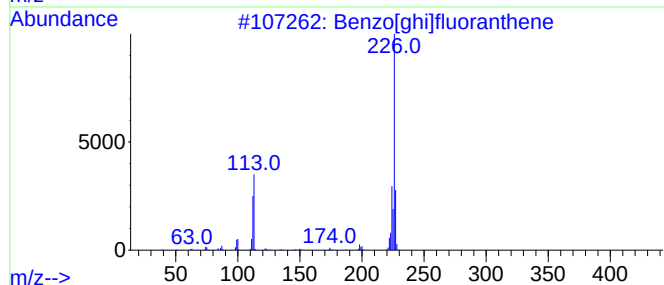
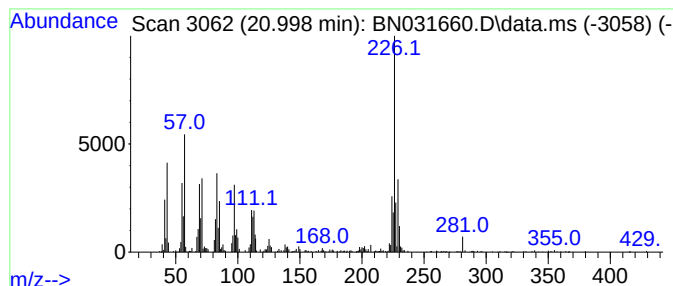
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	2.08 ng/ul	606589	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	45
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
3			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	42
4			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	35
5			Benzenamine, 3-nitro-N-(phenylme...	226	C13H10N2O2	005341-44-6	27



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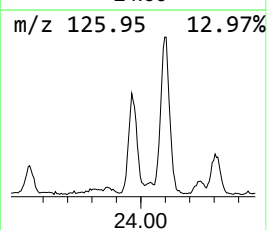
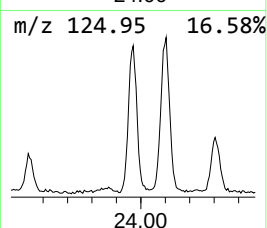
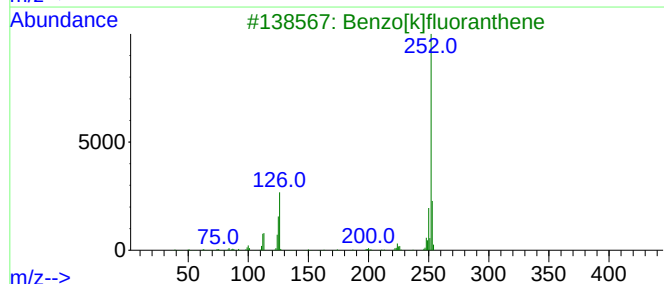
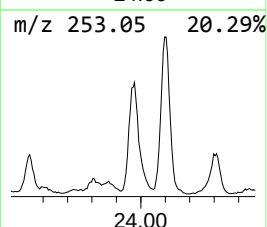
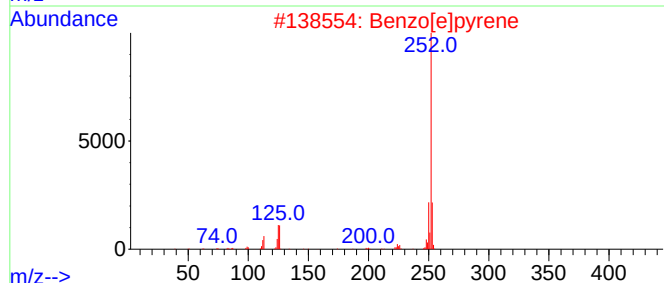
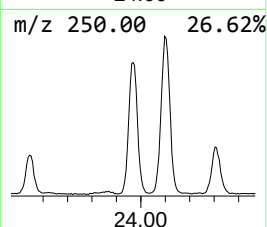
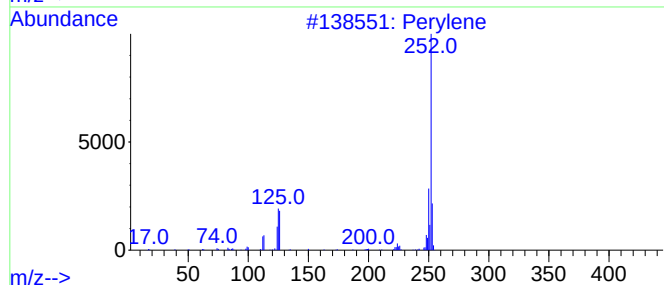
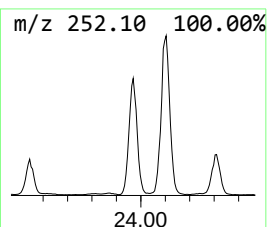
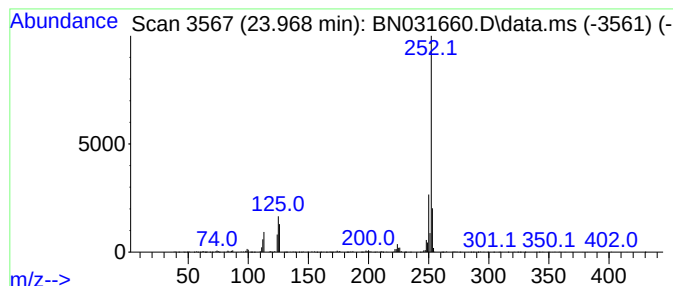
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.968	5.09 ng/ul	1099180	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031660.D
Acq On : 24 May 2024 14:20
Operator : MA/JU
Sample : P2548-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH609

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
4H-Cyclopenta[d... unknown-01	18.139 20.998	2.8 2.1	ng/ul ng/ul	459598 606589	4 5	17.069 21.304	3290460 5842320	20.0 20.0
Perylene	23.968	5.1	ng/ul	1099180	6	24.245	4321950	20.0