

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037900.D
 Acq On : 08 Dec 2022 23:21
 Operator : CG/JU
 Sample : N5832-08 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK5

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_M\Methods\SFAM-EPA-BM120722.M
 Title : SVOA CALIBRATION

Signal : TIC: BM037900.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.428	4	7	16	rVB5	9202	16202	0.51%	0.051%
2	3.893	83	86	89	rBV3	14521	20935	0.65%	0.065%
3	3.969	95	99	105	rVB4	16539	24769	0.77%	0.077%
4	4.099	117	121	129	rVB3	11371	18132	0.57%	0.057%
5	4.199	134	138	142	rVB2	19125	28513	0.89%	0.089%
6	4.769	232	235	242	rVB8	4911	7645	0.24%	0.024%
7	5.157	298	301	304	rVB3	5062	7073	0.22%	0.022%
8	7.240	648	655	664	rBV	151624	249193	7.78%	0.779%
9	7.404	675	683	693	rBV	125847	204643	6.39%	0.640%
10	7.610	712	718	724	rBV	156379	243220	7.59%	0.761%
11	7.734	735	739	745	rBV9	4254	9575	0.30%	0.030%
12	8.087	791	799	806	rBV	1089708	1711909	53.42%	5.353%
13	8.357	841	845	850	rBV5	5348	8209	0.26%	0.026%
14	8.628	884	891	902	rBV2	26481	62907	1.96%	0.197%
15	8.792	911	919	927	rBV	168986	277381	8.66%	0.867%
16	8.922	934	941	946	rVB2	23553	41450	1.29%	0.130%
17	9.257	991	998	1005	rBV	139950	233427	7.28%	0.730%
18	9.363	1016	1016	1022	rVB7	4176	8999	0.28%	0.028%
19	9.981	1114	1121	1129	rBV	98995	166902	5.21%	0.522%
20	10.322	1173	1179	1180	rBV5	5720	7543	0.24%	0.024%
21	10.522	1205	1213	1221	rBV	150429	260120	8.12%	0.813%
22	10.904	1269	1278	1284	rBV	1422584	2297393	71.69%	7.184%
23	10.957	1284	1287	1294	rVB2	46210	70988	2.22%	0.222%
24	11.045	1294	1302	1312	rBV	79069	156761	4.89%	0.490%
25	11.686	1405	1411	1415	rBV7	6289	14171	0.44%	0.044%
26	12.298	1509	1515	1520	rVB7	6182	12070	0.38%	0.038%
27	12.398	1526	1532	1539	rBV6	6494	15174	0.47%	0.047%
28	12.480	1543	1546	1550	rVV5	5300	7163	0.22%	0.022%
29	12.551	1553	1558	1565	rVB	18180	30318	0.95%	0.095%
30	12.674	1575	1579	1584	rBV7	5759	9909	0.31%	0.031%
31	12.769	1590	1595	1602	rVB3	10678	18408	0.57%	0.058%
32	13.527	1720	1724	1726	rBV4	8149	10527	0.33%	0.033%
33	13.604	1733	1737	1741	rBV6	6479	11287	0.35%	0.035%
34	13.680	1747	1750	1757	rVB6	4213	8080	0.25%	0.025%
35	14.033	1806	1810	1811	rBV4	4894	6004	0.19%	0.019%
36	14.116	1816	1824	1829	rBV	229514	330385	10.31%	1.033%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
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37	14.174	1829	1834	1838	rVB7	10914	24601	0.77%	0.077%
38	14.239	1843	1845	1850	rBV2	7360	13423	0.42%	0.042%
39	14.410	1866	1874	1877	rVV2	294337	451625	14.09%	1.412%
40	14.439	1877	1879	1889	rVV	116720	172934	5.40%	0.541%
41	14.527	1892	1894	1901	rVV8	4328	7481	0.23%	0.023%
42	14.592	1901	1905	1909	rVV	22949	28519	0.89%	0.089%
43	14.716	1919	1926	1933	rBV	1668677	2488894	77.66%	7.783%
44	14.774	1933	1936	1945	rVB2	46683	83749	2.61%	0.262%
45	14.910	1954	1959	1970	rBV2	45424	87599	2.73%	0.274%
46	15.110	1987	1993	2001	rBV	39181	68656	2.14%	0.215%
47	15.204	2007	2009	2014	rVB6	8213	9638	0.30%	0.030%
48	15.327	2027	2030	2035	rVB5	9641	14562	0.45%	0.046%
49	15.474	2051	2055	2056	rBV4	6443	6672	0.21%	0.021%
50	15.539	2061	2066	2069	rVB	35816	46928	1.46%	0.147%
51	15.586	2069	2074	2075	rBV5	8136	10025	0.31%	0.031%
52	15.698	2088	2093	2099	rVV	353799	518813	16.19%	1.622%
53	15.757	2099	2103	2109	rVV2	56659	102343	3.19%	0.320%
54	15.815	2109	2113	2121	rVB3	53017	89498	2.79%	0.280%
55	15.945	2128	2135	2139	rBV3	22376	42437	1.32%	0.133%
56	16.057	2148	2154	2158	rBV4	24115	51131	1.60%	0.160%
57	16.162	2169	2172	2174	rBV4	7379	8507	0.27%	0.027%
58	16.186	2174	2176	2183	rVB7	9738	14296	0.45%	0.045%
59	16.398	2207	2212	2214	rBV	99355	141299	4.41%	0.442%
60	16.421	2214	2216	2222	rVB2	72035	104659	3.27%	0.327%
61	16.745	2266	2271	2274	rBV7	14948	28177	0.88%	0.088%
62	16.851	2287	2289	2293	rVB5	11477	12655	0.39%	0.040%
63	16.904	2296	2298	2300	rVB2	11040	9558	0.30%	0.030%
64	16.974	2307	2310	2314	rBV6	15211	21924	0.68%	0.069%
65	17.104	2327	2332	2337	rBV3	42236	70089	2.19%	0.219%
66	17.186	2342	2346	2351	rBV	82989	107157	3.34%	0.335%
67	17.239	2351	2355	2359	rBV	60073	90256	2.82%	0.282%
68	17.345	2371	2373	2377	rBV5	11893	10844	0.34%	0.034%
69	17.451	2385	2391	2396	rBV	1791286	2542959	79.35%	7.952%
70	17.492	2396	2398	2403	rVV	187851	246591	7.69%	0.771%
71	17.551	2403	2408	2410	rVV	363109	493014	15.38%	1.542%
72	17.586	2410	2414	2420	rVB	744985	1031441	32.18%	3.225%
73	17.856	2455	2460	2464	rVV2	69095	103302	3.22%	0.323%
74	17.927	2468	2472	2476	rVB	98523	108633	3.39%	0.340%
75	18.327	2536	2540	2544	rBV3	87424	124803	3.89%	0.390%
76	18.368	2545	2547	2555	rVB4	36158	50027	1.56%	0.156%

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77	18.456	2559	2562	2568	rVB	48947	66788	2.08%	0.209%
78	18.527	2569	2574	2578	rBV	134754	194545	6.07%	0.608%
79	18.615	2586	2589	2595	rVB	93968	113435	3.54%	0.355%
80	18.715	2603	2606	2609	rBV	50661	68386	2.13%	0.214%
81	18.745	2609	2611	2617	rVB3	40876	50711	1.58%	0.159%
82	18.862	2628	2631	2636	rBV3	65534	82811	2.58%	0.259%
83	19.245	2692	2696	2701	rVB3	85777	107406	3.35%	0.336%
84	19.380	2714	2719	2726	rBV	170737	295425	9.22%	0.924%
85	19.498	2735	2739	2744	rVB	598177	758756	23.68%	2.373%
86	19.592	2753	2755	2760	rVB	67465	73866	2.30%	0.231%
87	19.721	2774	2777	2784	rBV2	82552	131474	4.10%	0.411%
88	19.833	2790	2796	2798	rBV3	534662	823312	25.69%	2.575%
89	19.862	2798	2801	2809	rVB	1116926	1408753	43.96%	4.405%
90	20.103	2838	2842	2848	rVB	311286	414669	12.94%	1.297%
91	20.398	2890	2892	2897	rVB	72460	77913	2.43%	0.244%
92	20.650	2932	2935	2938	rBV	122703	146393	4.57%	0.458%
93	21.303	3043	3046	3049	rBV2	159796	184732	5.76%	0.578%
94	21.339	3050	3052	3057	rVB	217289	261426	8.16%	0.817%
95	21.621	3094	3100	3105	rBV	2089498	3204729	100.00%	10.021%
96	23.344	3388	3393	3406	rVB	924630	2619092	81.73%	8.190%
97	23.886	3481	3485	3490	rBV	318484	551705	17.22%	1.725%
98	23.944	3491	3495	3499	rVV3	311984	612981	19.13%	1.917%
99	23.991	3500	3503	3510	rVB	459998	799355	24.94%	2.500%
100	24.103	3516	3522	3529	rBV2	1342467	2683181	83.73%	8.390%

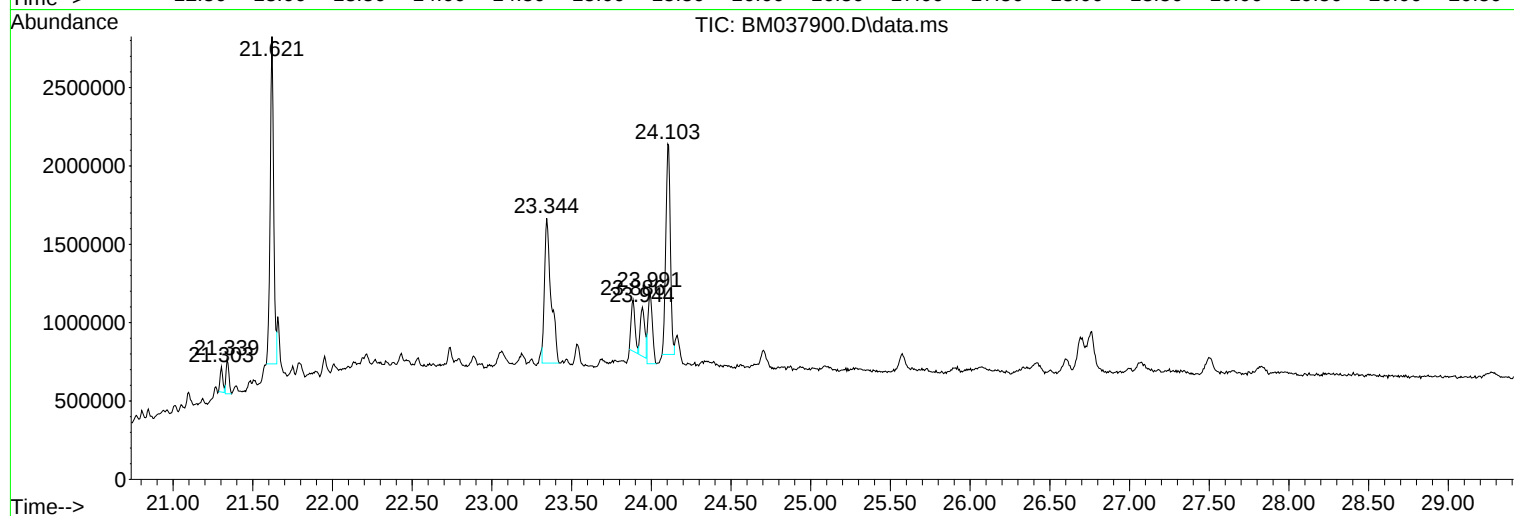
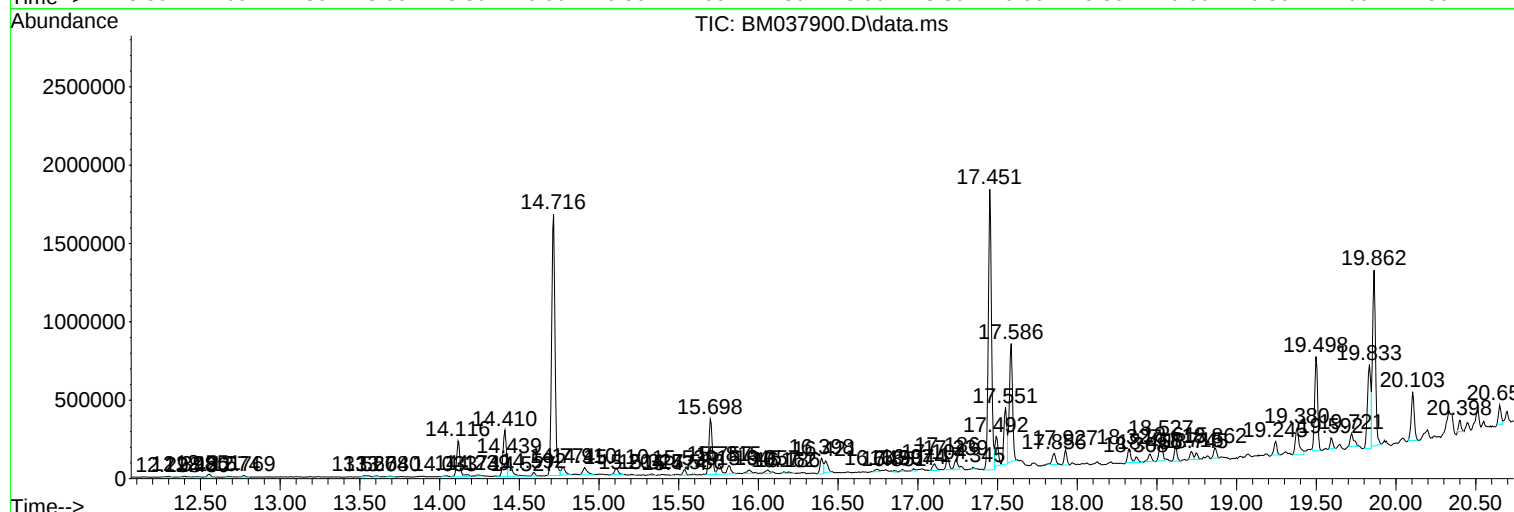
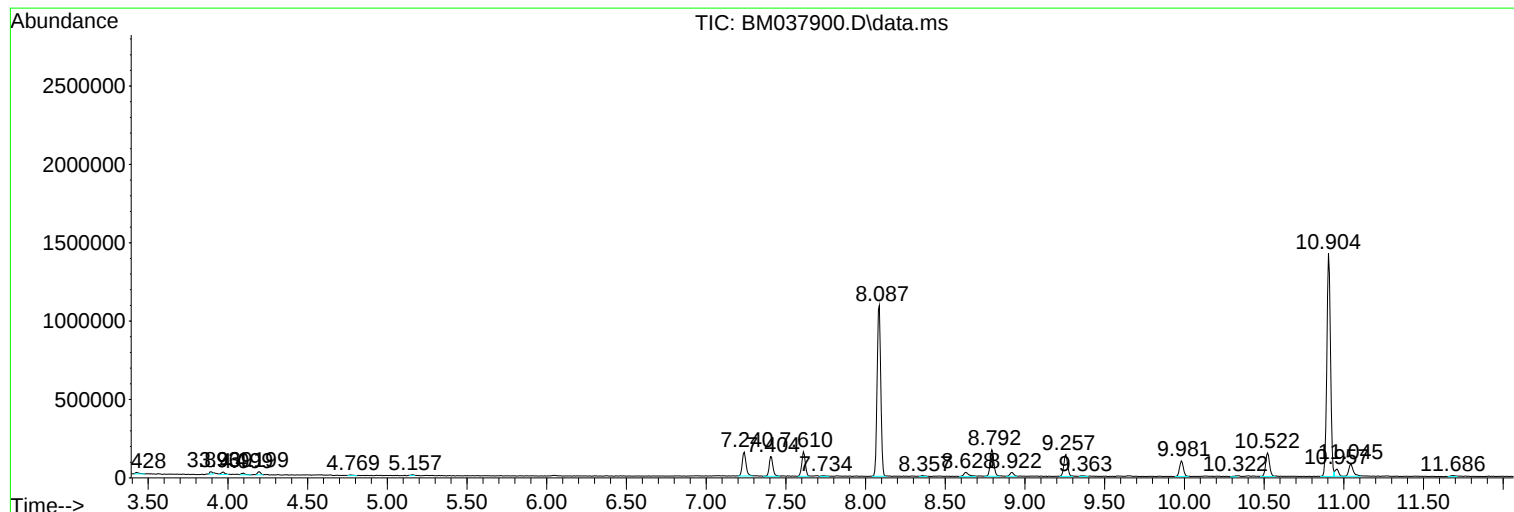
Sum of corrected areas: 31978948

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



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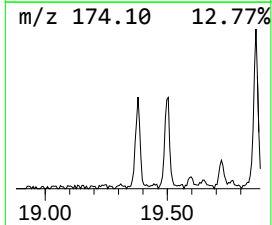
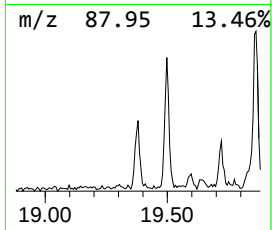
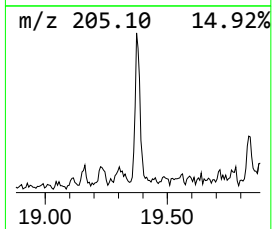
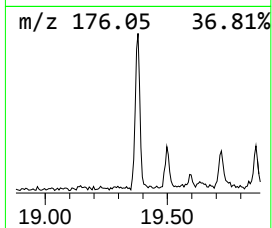
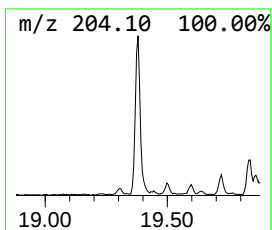
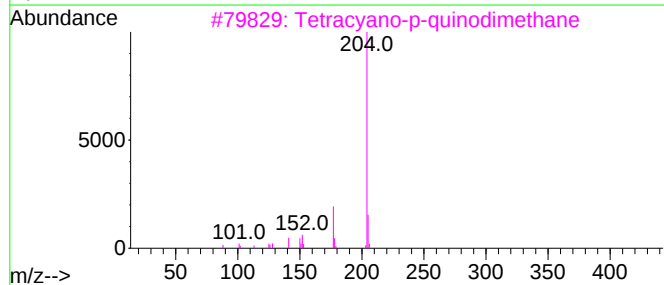
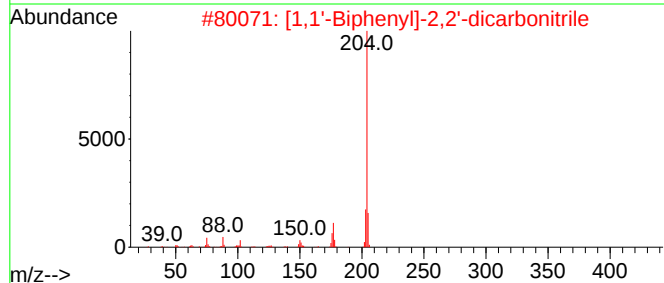
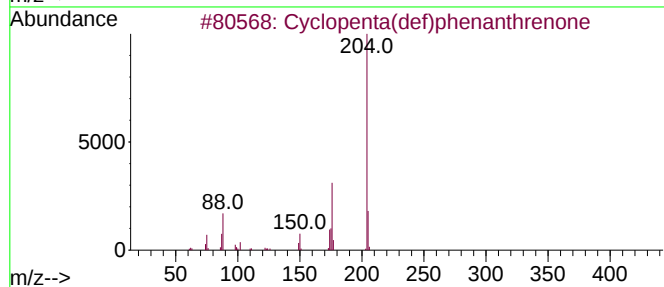
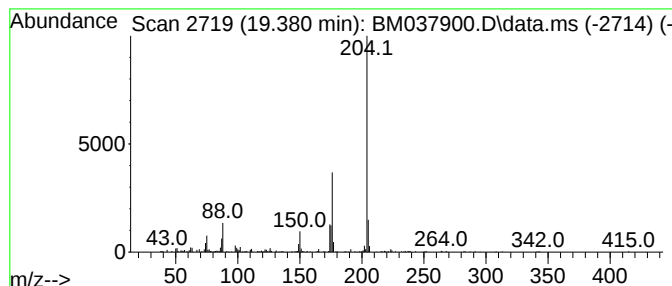
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	2.32 ng/ul	295425	Phenanthrene-d10	17.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3			Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50
4			Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47



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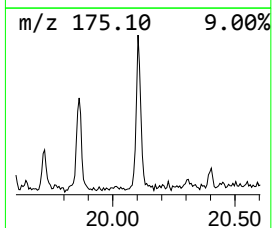
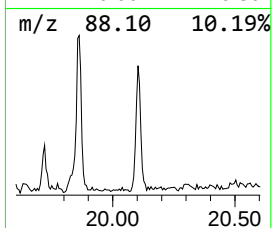
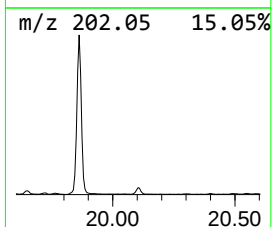
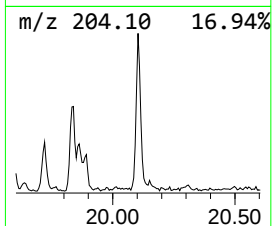
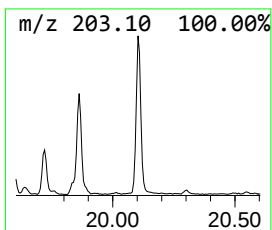
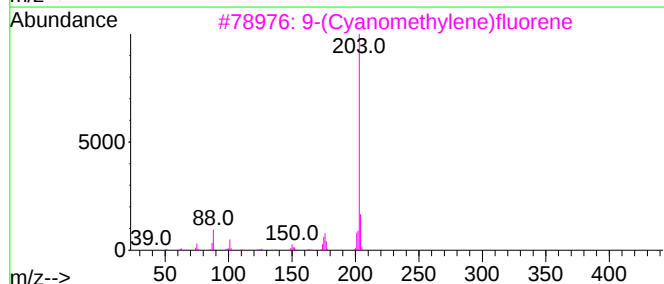
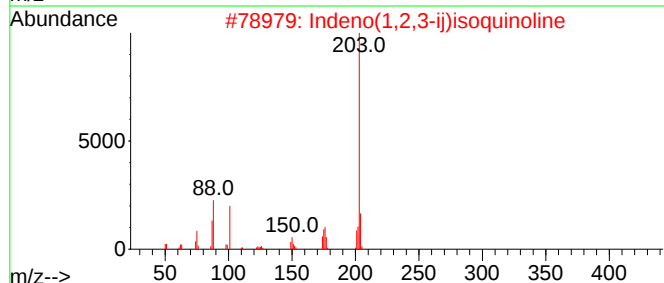
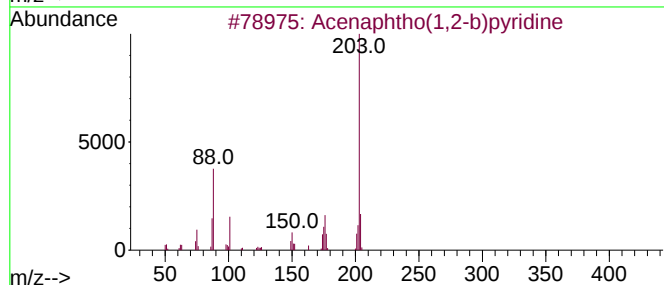
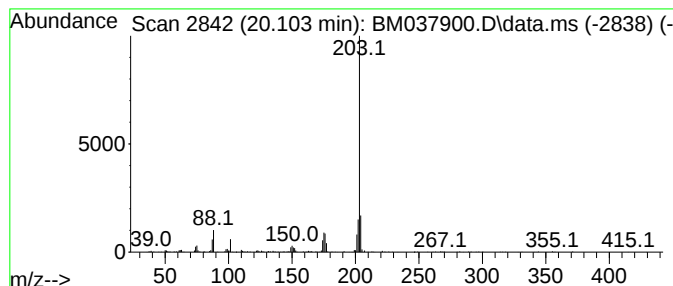
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Acenaphtho(1,2-b)pyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.103	2.59 ng/ul	414669	Chrysene-d12	21.621

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	96
2			Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	96
3			9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
4			4-Azapyrene	203	C15H9N	000194-03-6	95
5			Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	95



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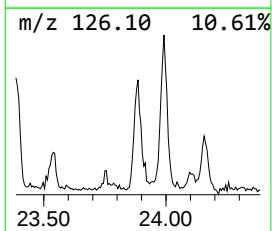
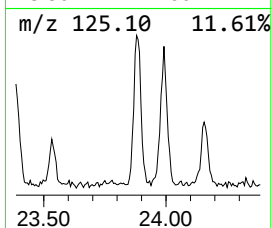
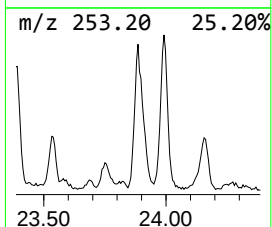
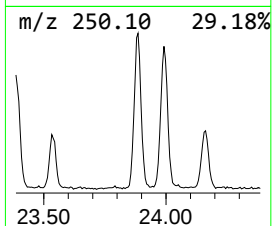
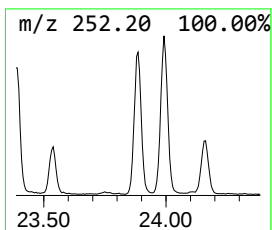
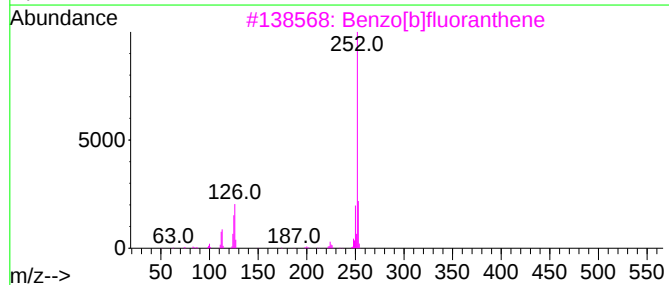
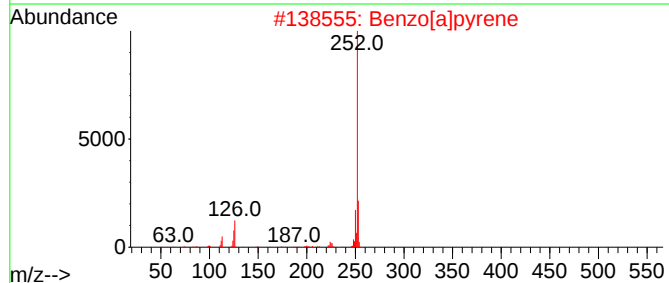
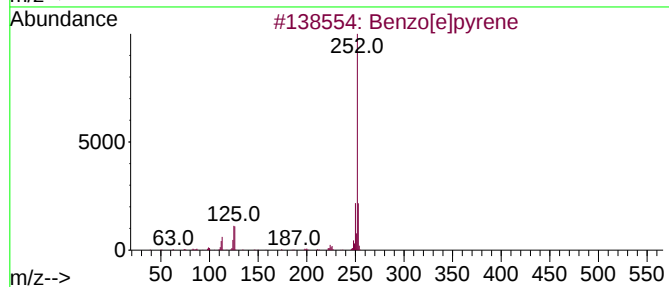
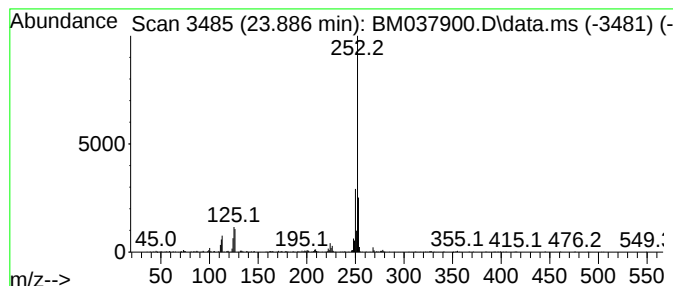
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	4.11 ng/ul	551705	Perylene-d12	24.103

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037900.D
Acq On : 08 Dec 2022 23:21
Operator : CG/JU
Sample : N5832-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.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
Cyclopenta(def)...	19.380	2.3	ng/ul	295425	4	17.451	2542960	20.0
Acenaphtho(1,2-...	20.103	2.6	ng/ul	414669	5	21.621	3204730	20.0
Benzo[e]pyrene	23.886	4.1	ng/ul	551705	6	24.103	2683180	20.0