

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037901.D
 Acq On : 08 Dec 2022 23:57
 Operator : CG/JU
 Sample : N5832-21 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL6

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: BM037901.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.422	3	6	13	rVB3	8584	13744	0.42%	0.040%
2	3.881	79	84	95	rBV2	42896	92676	2.82%	0.272%
3	3.969	95	99	106	rVV5	18957	33335	1.01%	0.098%
4	4.040	109	111	116	rBV6	4960	7401	0.22%	0.022%
5	4.099	116	121	124	rVB4	9104	14140	0.43%	0.041%
6	4.193	132	137	145	rVB	21846	35947	1.09%	0.105%
7	4.775	232	236	241	rVB8	4961	8989	0.27%	0.026%
8	5.146	296	299	306	rVB7	4243	8457	0.26%	0.025%
9	6.046	448	452	461	rVB5	8121	14652	0.45%	0.043%
10	7.240	649	655	665	rVV	166068	282284	8.57%	0.827%
11	7.404	678	683	691	rVB	130122	204617	6.22%	0.600%
12	7.610	712	718	725	rBV	166944	263978	8.02%	0.774%
13	7.734	734	739	743	rBV7	6055	10030	0.30%	0.029%
14	8.087	791	799	806	rBV	1204030	1903529	57.82%	5.578%
15	8.363	839	846	851	rVB5	4645	8819	0.27%	0.026%
16	8.628	886	891	904	rBV2	35938	73763	2.24%	0.216%
17	8.792	912	919	927	rBV2	187804	305626	9.28%	0.896%
18	8.916	935	940	950	rVB2	31453	56830	1.73%	0.167%
19	9.257	992	998	1005	rBV	150164	251536	7.64%	0.737%
20	9.357	1011	1015	1020	rVB7	5444	8249	0.25%	0.024%
21	9.851	1092	1099	1105	rVB	11788	19581	0.59%	0.057%
22	9.981	1115	1121	1130	rBV2	114149	188901	5.74%	0.554%
23	10.334	1177	1181	1187	rVB8	5873	8900	0.27%	0.026%
24	10.522	1206	1213	1222	rBV	172113	291531	8.86%	0.854%
25	10.904	1268	1278	1283	rBV	1581720	2585529	78.54%	7.576%
26	10.951	1283	1286	1295	rVB	213121	357269	10.85%	1.047%
27	11.045	1295	1302	1311	rBV2	127824	254527	7.73%	0.746%
28	12.286	1509	1513	1518	rBV7	9719	19337	0.59%	0.057%
29	12.404	1527	1533	1537	rBV3	7598	14475	0.44%	0.042%
30	12.551	1550	1558	1567	rVB	85145	135910	4.13%	0.398%
31	12.680	1574	1580	1585	rBV4	10671	22217	0.67%	0.065%
32	12.775	1590	1596	1602	rVB2	36731	62834	1.91%	0.184%
33	13.251	1671	1677	1679	rBV6	4801	8077	0.25%	0.024%
34	13.527	1718	1724	1725	rBV3	13252	17646	0.54%	0.052%
35	13.551	1725	1728	1734	rVV	26832	39872	1.21%	0.117%
36	13.692	1747	1752	1756	rVB5	8053	12114	0.37%	0.035%

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37	13.745	1758	1761	1768	rVB3	9023	13401	0.41%	0.039%
38	13.874	1778	1783	1793	rVB7	12552	31004	0.94%	0.091%
39	14.033	1805	1810	1814	rBV3	19153	31702	0.96%	0.093%
40	14.116	1816	1824	1830	rVV	265387	388294	11.79%	1.138%
41	14.174	1830	1834	1838	rVV7	17016	29223	0.89%	0.086%
42	14.239	1842	1845	1848	rVV4	6883	9584	0.29%	0.028%
43	14.269	1848	1850	1852	rVV3	7362	7571	0.23%	0.022%
44	14.292	1852	1854	1859	rVB5	7319	8720	0.26%	0.026%
45	14.410	1868	1874	1877	rBV	313120	519756	15.79%	1.523%
46	14.439	1877	1879	1890	rVB	179928	247760	7.53%	0.726%
47	14.592	1900	1905	1909	rVB	32546	44324	1.35%	0.130%
48	14.716	1916	1926	1933	rVV	1965738	2891816	87.84%	8.474%
49	14.774	1933	1936	1944	rVV	101218	166827	5.07%	0.489%
50	14.851	1944	1949	1954	rVV6	11191	26373	0.80%	0.077%
51	14.910	1954	1959	1968	rVV2	48387	103806	3.15%	0.304%
52	15.110	1986	1993	2002	rBV	122693	196646	5.97%	0.576%
53	15.333	2028	2031	2035	rVB6	8860	12098	0.37%	0.035%
54	15.492	2053	2058	2061	rBV7	8638	16437	0.50%	0.048%
55	15.533	2061	2065	2070	rVB	46962	62330	1.89%	0.183%
56	15.586	2070	2074	2077	rBV4	10431	17947	0.55%	0.053%
57	15.698	2088	2093	2098	rBV	396971	560372	17.02%	1.642%
58	15.757	2098	2103	2109	rVB	59482	93587	2.84%	0.274%
59	15.816	2109	2113	2121	rVB2	62610	95679	2.91%	0.280%
60	15.939	2128	2134	2139	rBV2	30426	62341	1.89%	0.183%
61	16.063	2148	2155	2158	rBV2	72354	124450	3.78%	0.365%
62	16.157	2168	2171	2174	rBV4	12608	17365	0.53%	0.051%
63	16.192	2174	2177	2185	rVB	26113	49467	1.50%	0.145%
64	16.398	2207	2212	2214	rBV	94494	136473	4.15%	0.400%
65	16.421	2214	2216	2225	rVB4	115337	181461	5.51%	0.532%
66	16.733	2263	2269	2277	rBV10	31168	96882	2.94%	0.284%
67	16.898	2295	2297	2301	rBV4	15265	20681	0.63%	0.061%
68	16.968	2306	2309	2313	rBV6	18906	34064	1.03%	0.100%
69	17.027	2316	2319	2326	rVB2	24312	35946	1.09%	0.105%
70	17.104	2328	2332	2339	rBV2	105906	156355	4.75%	0.458%
71	17.186	2342	2346	2350	rBV	108685	129065	3.92%	0.378%
72	17.239	2351	2355	2359	rBV	86253	123088	3.74%	0.361%
73	17.451	2385	2391	2395	rBV	1992978	2864022	87.00%	8.392%
74	17.492	2395	2398	2403	rVV	477506	672450	20.43%	1.970%
75	17.551	2403	2408	2410	rVV2	394884	552569	16.78%	1.619%
76	17.586	2410	2414	2422	rVB	665185	982187	29.83%	2.878%

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77	17.721	2435	2437	2444	rVB6	25430	38321	1.16%	0.112%
78	17.851	2455	2459	2465	rBV	90075	131344	3.99%	0.385%
79	17.927	2468	2472	2476	rBV	129665	145422	4.42%	0.426%
80	18.327	2536	2540	2544	rBV2	120551	154171	4.68%	0.452%
81	18.374	2545	2548	2554	rVB2	66405	88680	2.69%	0.260%
82	18.457	2558	2562	2567	rVB	82152	120675	3.67%	0.354%
83	18.527	2569	2574	2579	rBV2	105346	184881	5.62%	0.542%
84	18.615	2585	2589	2594	rBV	139570	180746	5.49%	0.530%
85	18.715	2602	2606	2610	rBV	77370	125667	3.82%	0.368%
86	18.862	2628	2631	2635	rBV3	74151	91524	2.78%	0.268%
87	19.245	2692	2696	2701	rVB3	127860	152010	4.62%	0.445%
88	19.374	2715	2718	2723	rBV	79277	134634	4.09%	0.395%
89	19.498	2734	2739	2745	rVB	1010008	1247792	37.90%	3.656%
90	19.592	2752	2755	2760	rBV4	74967	104721	3.18%	0.307%
91	19.721	2773	2777	2790	rVB2	103157	203752	6.19%	0.597%
92	19.833	2790	2796	2798	rBV2	630073	967776	29.40%	2.836%
93	19.862	2798	2801	2809	rVB	827690	1090760	33.13%	3.196%
94	20.103	2838	2842	2847	rBV	495942	637554	19.37%	1.868%
95	20.398	2889	2892	2896	rBV	182475	219934	6.68%	0.644%
96	21.303	3043	3046	3049	rBV2	182703	193811	5.89%	0.568%
97	21.621	3094	3100	3104	rBV2	2198880	3292142	100.00%	9.647%
98	23.339	3388	3392	3399	rBV	777625	1592233	48.36%	4.666%
99	23.886	3480	3485	3490	rBV2	427239	844486	25.65%	2.475%
100	24.103	3516	3522	3528	rBV2	1360196	2732049	82.99%	8.006%

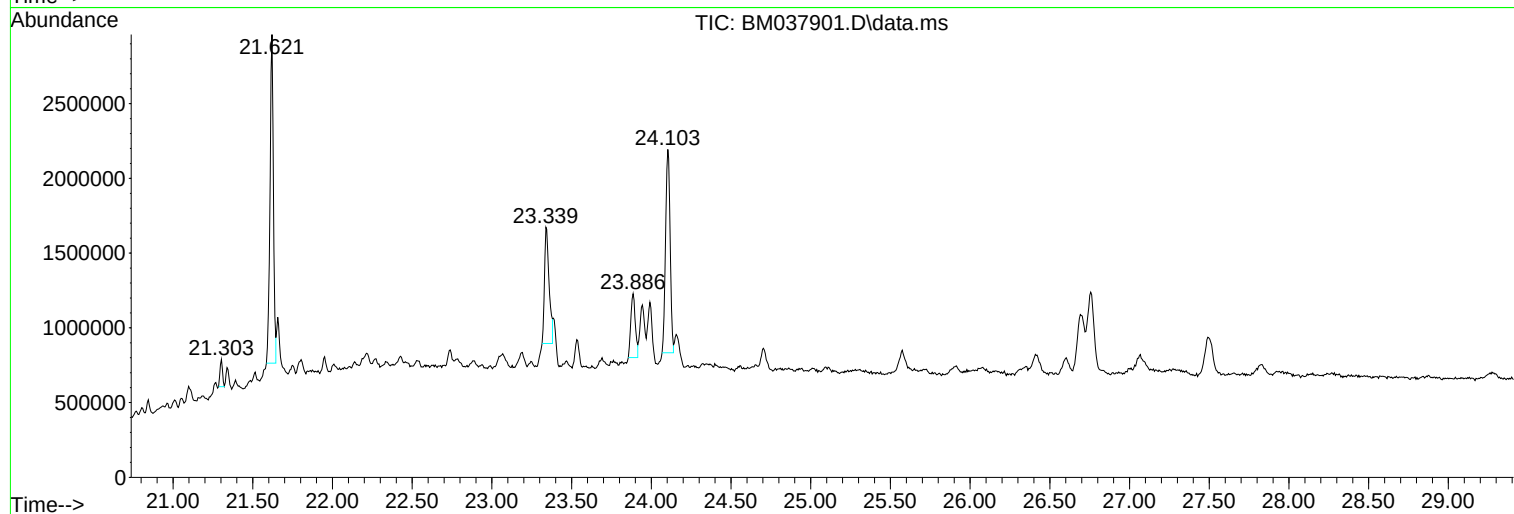
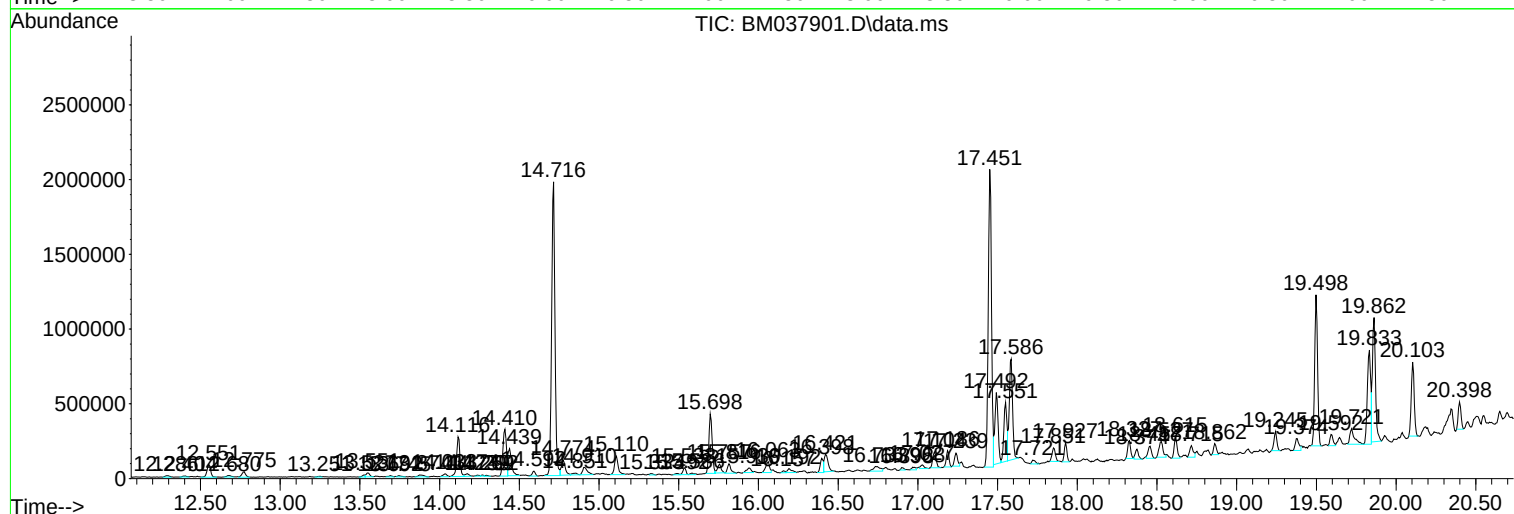
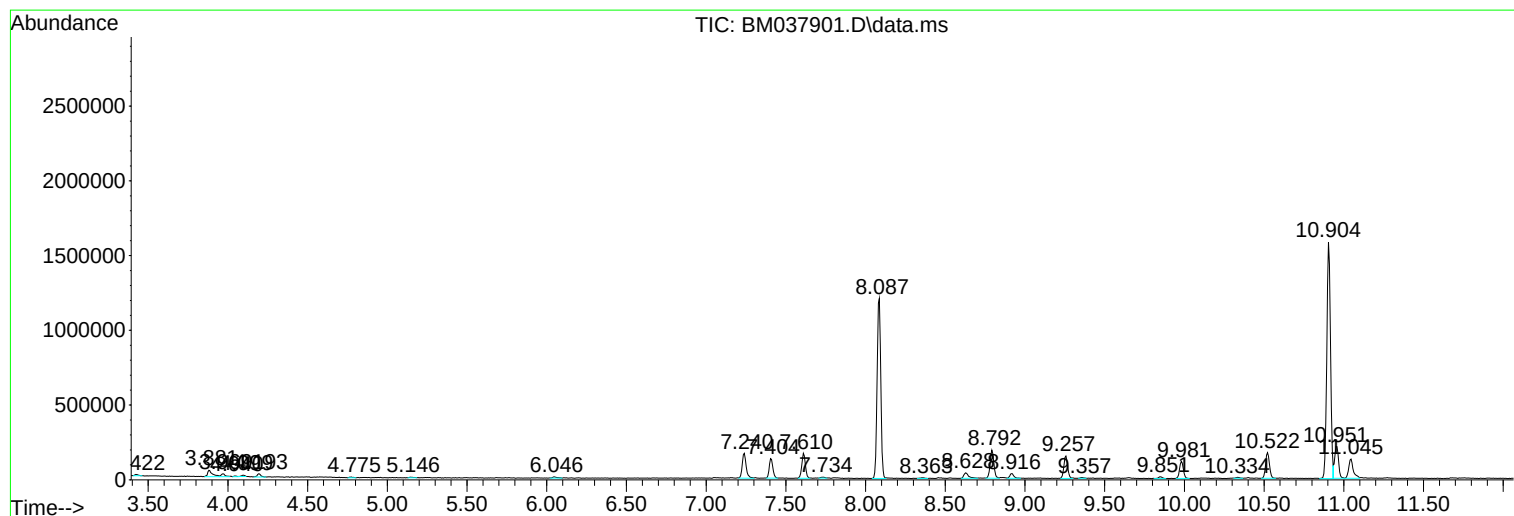
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



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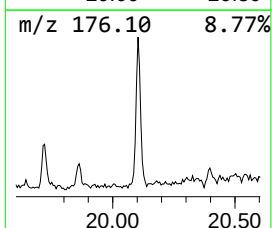
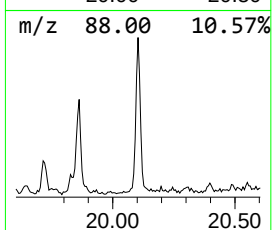
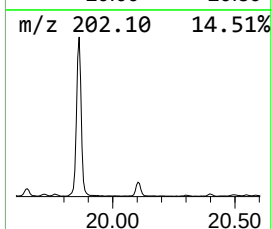
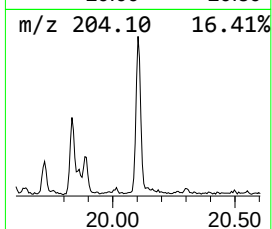
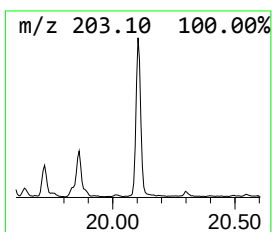
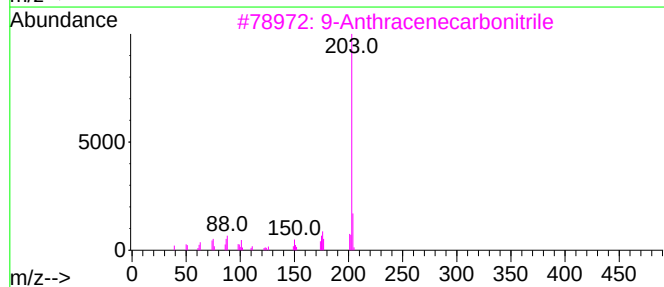
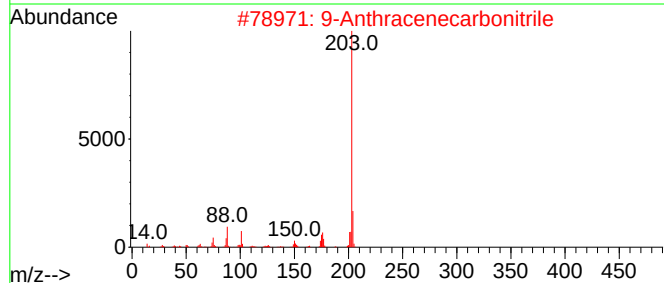
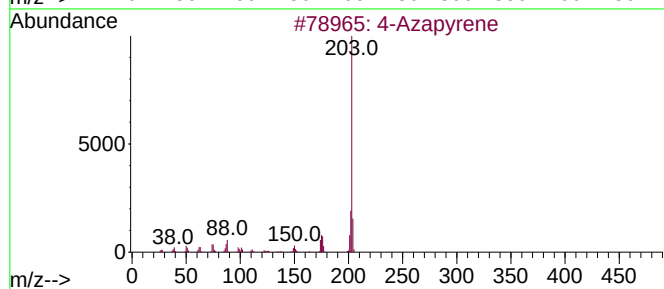
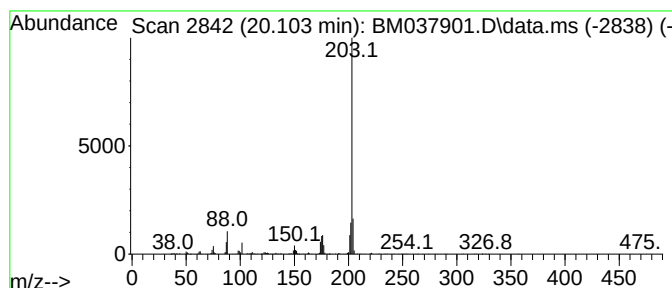
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 4-Azapyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.104	3.87 ng/ul	637554	Chrysene-d12	21.621

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Azapyrene	203	C15H9N	000194-03-6	97
2			9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
3			9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
4			Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
5			9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96



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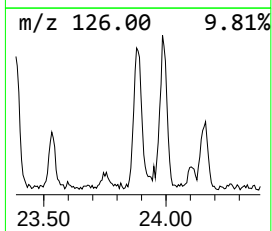
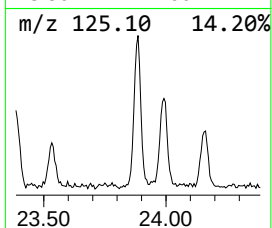
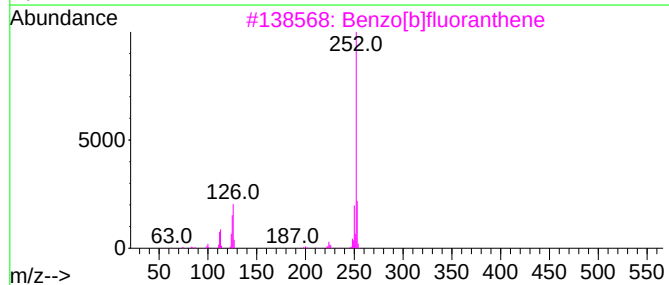
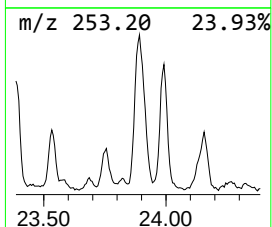
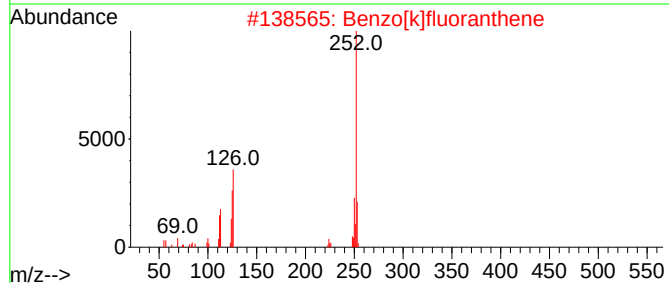
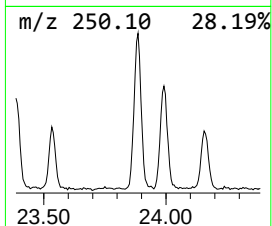
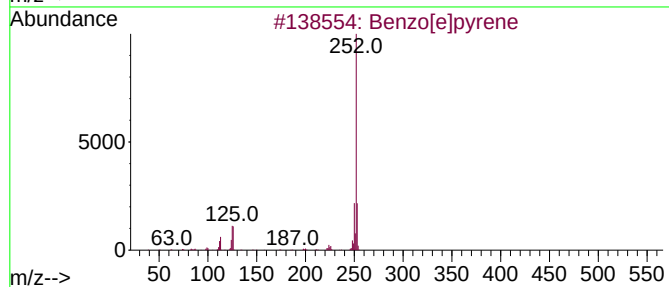
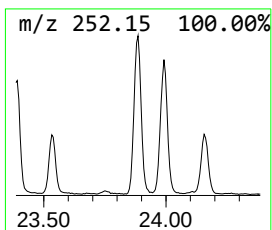
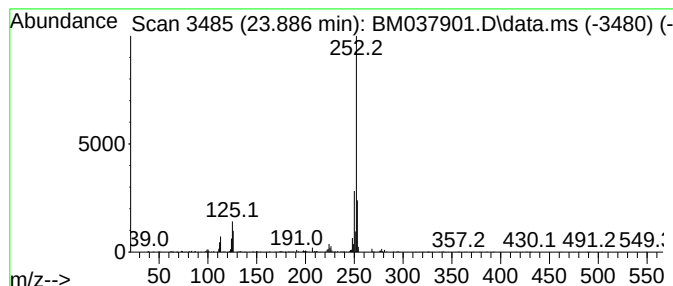
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	6.18 ng/ul	844486	Perylene-d12	24.103

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4-Azapyrene	20.104	3.9	ng/u1	637554	5	21.621	3292140	20.0
Benzo[e]pyrene	23.886	6.2	ng/u1	844486	6	24.103	2732050	20.0