

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037911.D
 Acq On : 09 Dec 2022 11:36
 Operator : CG/JU
 Sample : N5832-19DL 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL4DL

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: BM037911.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.193	134	137	143	rVB2	13550	18384	0.19%	0.049%
2	7.239	648	655	664	rVB	26652	50179	0.51%	0.135%
3	7.404	678	683	690	rBV2	19046	34448	0.35%	0.092%
4	7.604	712	717	725	rBV2	23912	44094	0.44%	0.118%
5	8.081	791	798	810	rBV	874096	1340050	13.50%	3.593%
6	8.628	884	891	899	rBV3	13154	29135	0.29%	0.078%
7	8.792	913	919	929	rBV2	26322	50727	0.51%	0.136%
8	9.257	993	998	1007	rVB	22157	39915	0.40%	0.107%
9	9.980	1116	1121	1127	rVB3	15835	26964	0.27%	0.072%
10	10.522	1208	1213	1222	rVB2	20765	37255	0.38%	0.100%
11	10.904	1270	1278	1284	rBV	1143638	1864505	18.78%	4.999%
12	10.951	1284	1286	1294	rVB	63489	89592	0.90%	0.240%
13	11.045	1298	1302	1312	rVV5	10731	24076	0.24%	0.065%
14	12.551	1551	1558	1563	rBV	77034	117047	1.18%	0.314%
15	12.769	1590	1595	1600	rVB4	7280	12082	0.12%	0.032%
16	13.527	1718	1724	1725	rBV4	9704	12496	0.13%	0.034%
17	13.551	1725	1728	1732	rVB2	22532	28072	0.28%	0.075%
18	13.874	1779	1783	1791	rBV3	13939	30384	0.31%	0.081%
19	14.033	1805	1810	1817	rBV7	7448	15145	0.15%	0.041%
20	14.115	1817	1824	1831	rVV	39940	64441	0.65%	0.173%
21	14.180	1831	1835	1839	rVB5	6511	10592	0.11%	0.028%
22	14.268	1843	1850	1854	rBV2	22895	38138	0.38%	0.102%
23	14.410	1869	1874	1876	rBV2	49341	75329	0.76%	0.202%
24	14.439	1876	1879	1888	rVB	52585	87749	0.88%	0.235%
25	14.592	1900	1905	1909	rBV	25084	31670	0.32%	0.085%
26	14.715	1913	1926	1932	rBV	1395260	2110342	21.26%	5.658%
27	14.774	1932	1936	1944	rVB	50425	89742	0.90%	0.241%
28	15.110	1985	1993	2003	rBV	123895	203262	2.05%	0.545%
29	15.327	2024	2030	2034	rBV8	10169	17444	0.18%	0.047%
30	15.374	2034	2038	2041	rVB2	9770	12929	0.13%	0.035%
31	15.486	2051	2057	2061	rBV7	7324	17783	0.18%	0.048%
32	15.533	2061	2065	2070	rVB	32404	42310	0.43%	0.113%
33	15.698	2089	2093	2097	rBV	61746	85139	0.86%	0.228%
34	15.757	2097	2103	2110	rVV	350041	518289	5.22%	1.390%
35	15.915	2127	2130	2132	rBV4	10818	14797	0.15%	0.040%
36	16.004	2141	2145	2149	rBV2	25707	31269	0.31%	0.084%

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37	16.045	2149	2152	2158	rVB7	17674	26574	0.27%	0.071%
38	16.168	2168	2173	2174	rBV3	20659	29023	0.29%	0.078%
39	16.192	2174	2177	2184	rVV3	22484	49421	0.50%	0.132%
40	16.280	2186	2192	2198	rVB10	7907	19330	0.19%	0.052%
41	16.398	2207	2212	2214	rBV2	60208	84972	0.86%	0.228%
42	16.551	2234	2238	2244	rVB8	8125	13282	0.13%	0.036%
43	16.751	2265	2272	2277	rBV7	23766	53551	0.54%	0.144%
44	16.804	2277	2281	2286	rVB6	14036	26251	0.26%	0.070%
45	16.904	2295	2298	2301	rBV3	13336	14871	0.15%	0.040%
46	16.974	2303	2310	2314	rBV6	16111	42923	0.43%	0.115%
47	17.021	2316	2318	2323	rVB5	13553	18626	0.19%	0.050%
48	17.104	2328	2332	2338	rVB4	28588	41111	0.41%	0.110%
49	17.186	2342	2346	2352	rVV3	64482	102176	1.03%	0.274%
50	17.239	2352	2355	2357	rVV2	36144	47572	0.48%	0.128%
51	17.268	2357	2360	2367	rVB	51470	75042	0.76%	0.201%
52	17.451	2385	2391	2395	rBV	1598592	2251650	22.68%	6.037%
53	17.492	2395	2398	2404	rVB	875673	1200957	12.10%	3.220%
54	17.586	2404	2414	2422	rBV	6833006	9926803	100.00%	26.614%
55	17.727	2434	2438	2446	rVB	78348	121381	1.22%	0.325%
56	17.856	2454	2460	2468	rBV	922632	1347506	13.57%	3.613%
57	17.927	2469	2472	2476	rVV	65990	79611	0.80%	0.213%
58	17.968	2476	2479	2484	rVB3	25189	32808	0.33%	0.088%
59	18.327	2536	2540	2544	rBV3	51953	76001	0.77%	0.204%
60	18.374	2544	2548	2553	rVB	81030	115529	1.16%	0.310%
61	18.456	2557	2562	2567	rVB	163485	228068	2.30%	0.611%
62	18.527	2568	2574	2577	rBV	286637	445012	4.48%	1.193%
63	18.615	2586	2589	2594	rVB2	70026	92797	0.93%	0.249%
64	18.668	2595	2598	2602	rBV	29483	36899	0.37%	0.099%
65	18.721	2602	2607	2611	rBV3	29471	47562	0.48%	0.128%
66	18.821	2621	2624	2627	rVB	31139	38011	0.38%	0.102%
67	18.862	2628	2631	2635	rBV4	42796	54186	0.55%	0.145%
68	19.239	2692	2695	2699	rVB4	57434	75380	0.76%	0.202%
69	19.380	2714	2719	2726	rBV	97123	178946	1.80%	0.480%
70	19.498	2734	2739	2746	rBV	1381909	1805583	18.19%	4.841%
71	19.597	2753	2756	2760	rVB2	37409	47845	0.48%	0.128%
72	19.739	2774	2780	2789	rVB2	75223	172969	1.74%	0.464%
73	19.827	2790	2795	2797	rBV2	277122	419097	4.22%	1.124%
74	19.862	2797	2801	2809	rVB	1660472	2179772	21.96%	5.844%
75	20.039	2828	2831	2836	rVB	63805	84693	0.85%	0.227%
76	20.103	2838	2842	2849	rVB	169578	235231	2.37%	0.631%

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77	20.350	2881	2884	2888	rVB	186616	242640	2.44%	0.651%
78	20.450	2897	2901	2905	rBV2	130539	175805	1.77%	0.471%
79	20.650	2932	2935	2938	rBV	95704	117676	1.19%	0.315%
80	20.692	2940	2942	2948	rVB	63975	83572	0.84%	0.224%
81	21.262	3037	3039	3042	rBV	77782	84323	0.85%	0.226%
82	21.339	3049	3052	3057	rVB2	149526	193549	1.95%	0.519%
83	21.621	3093	3100	3104	rBV2	1693796	2837987	28.59%	7.609%
84	21.656	3104	3106	3116	rVB	545087	743371	7.49%	1.993%
85	23.344	3388	3393	3407	rVB	522517	1500771	15.12%	4.024%
86	24.103	3516	3522	3530	rBV	1037229	2064956	20.80%	5.536%

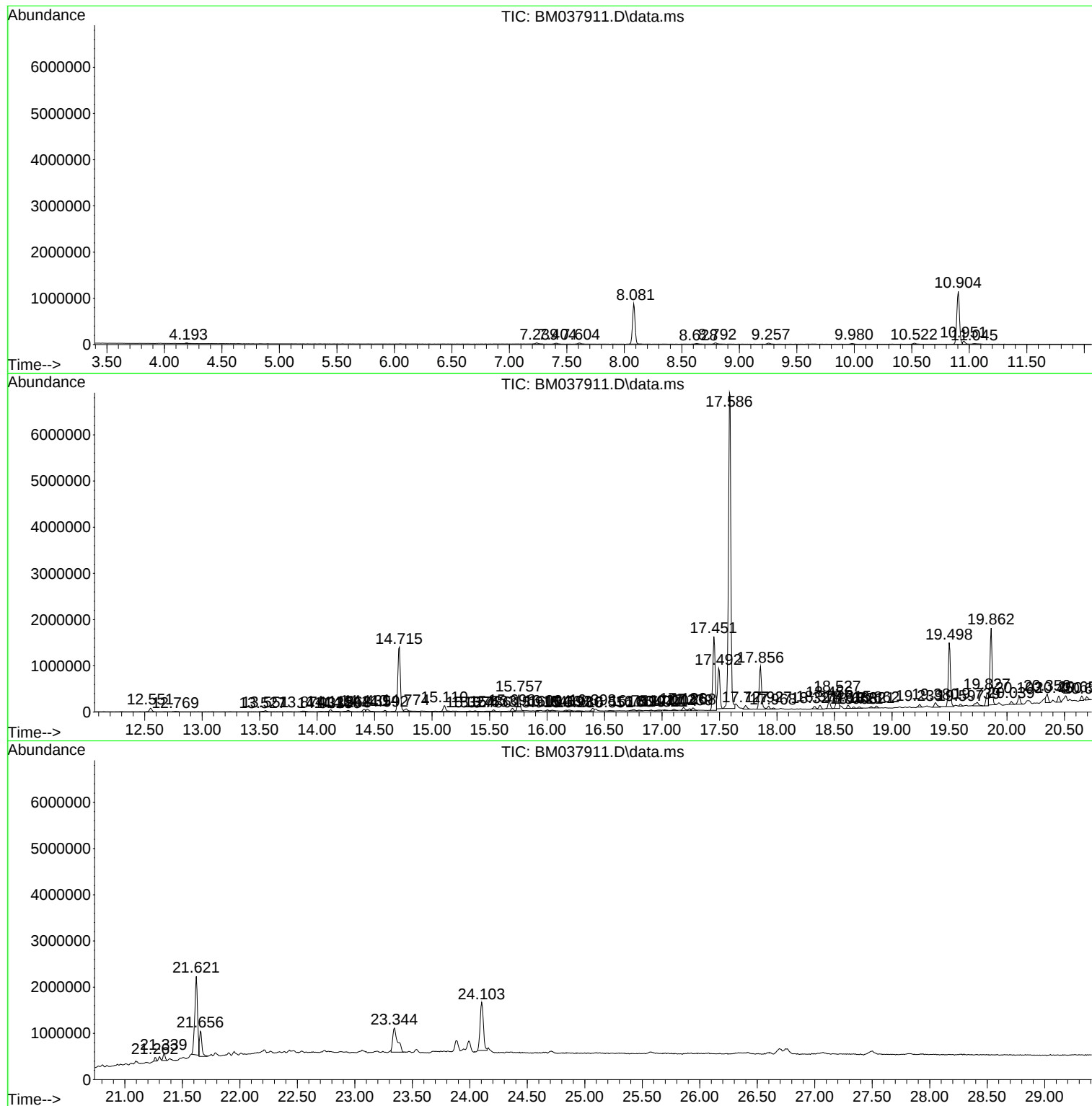
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



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Acq On : 09 Dec 2022 11:36
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Sample : N5832-19DL 30X
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4DL

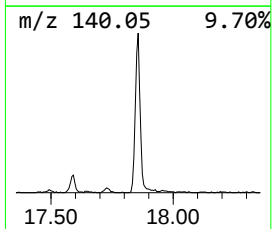
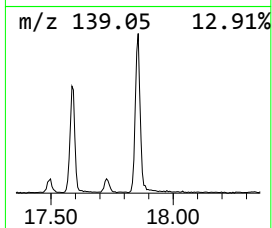
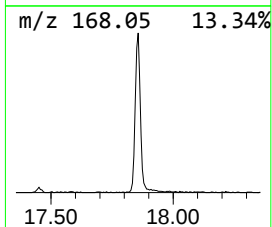
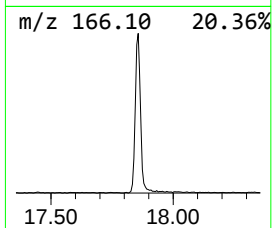
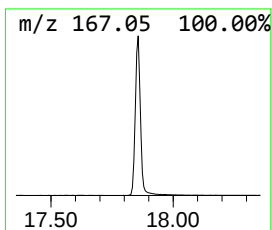
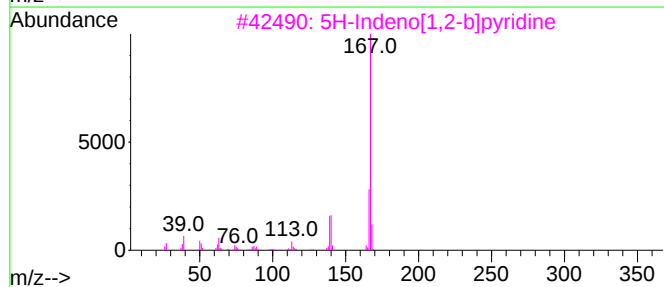
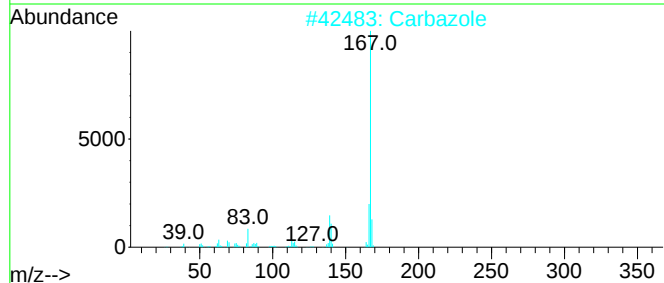
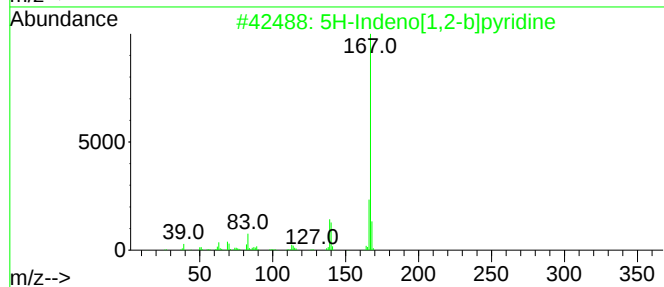
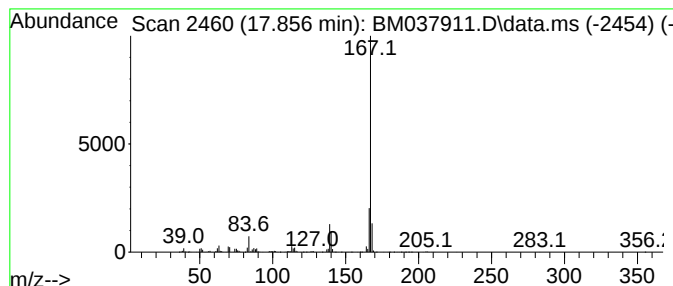
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 5H-Indeno[1,2-b]pyridine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.856	11.97 ng/ul	1347510	Phenanthrene-d10	17.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2			Carbazole	167	C12H9N	000086-74-8	97
3			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4			Carbazole	167	C12H9N	000086-74-8	91
5			1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	72



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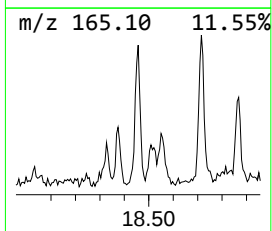
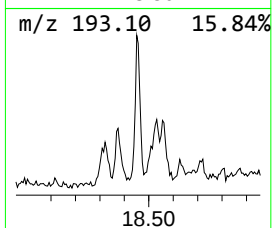
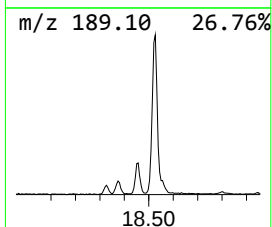
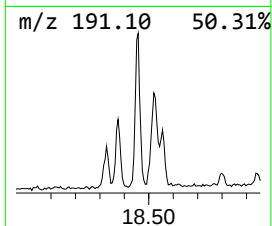
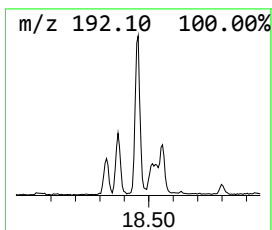
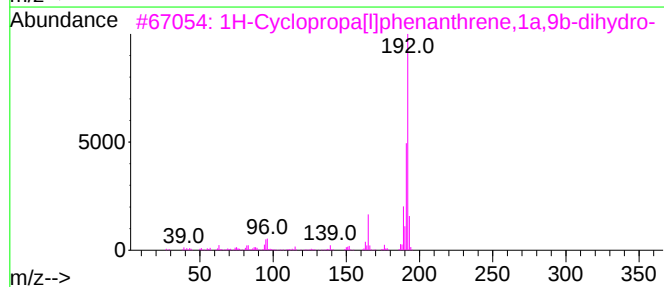
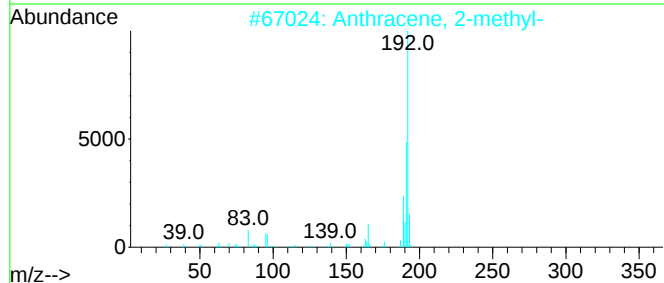
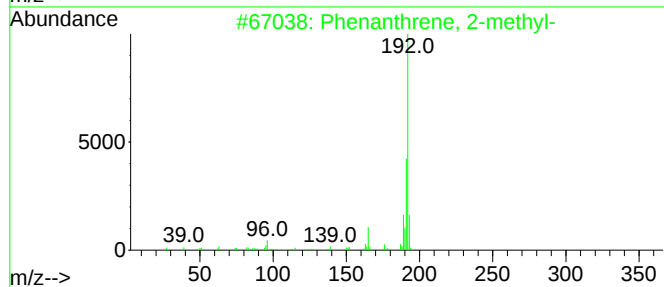
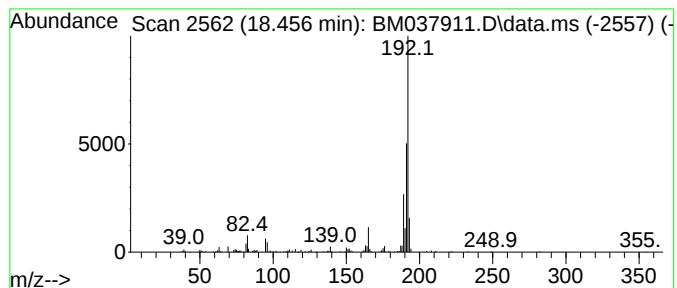
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	2.03 ng/ul	228068	Phenanthrene-d10	17.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	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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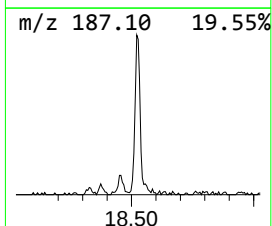
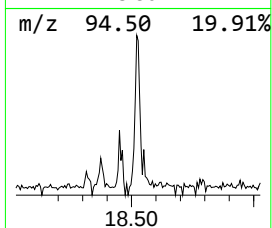
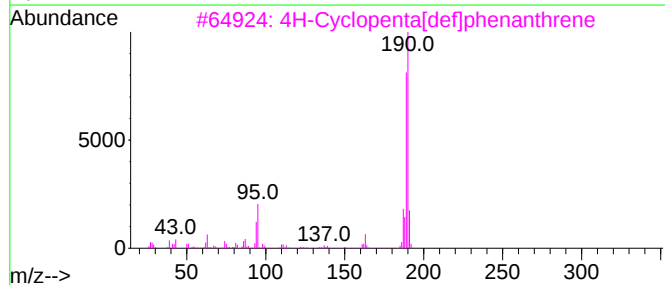
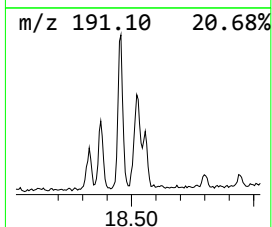
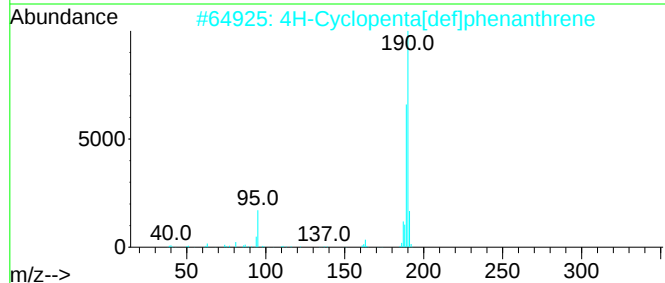
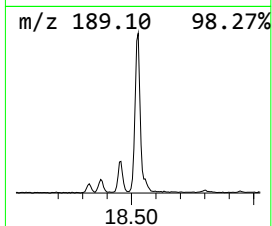
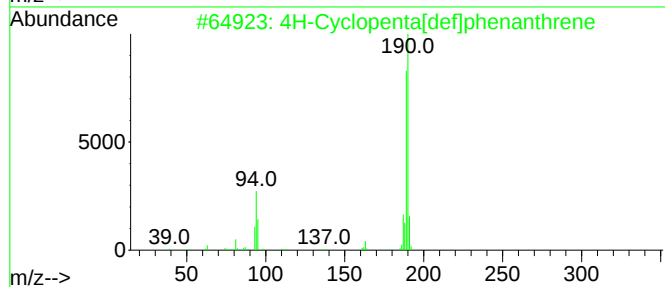
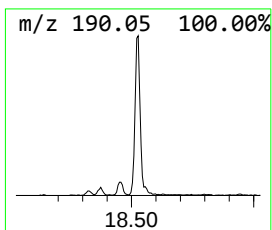
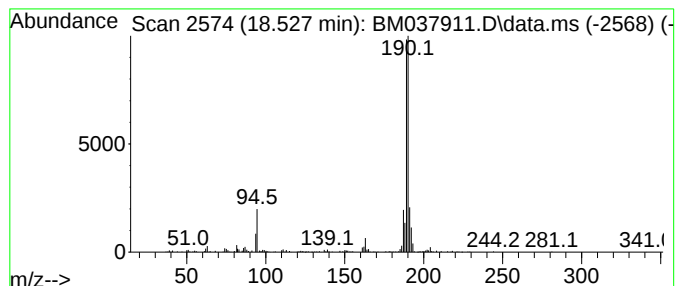
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	3.95 ng/ul	445012	Phenanthrene-d10	17.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4			Phenol, 4-(2-thienylmethyl)-	190	C11H10O5	091680-55-6	64
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56



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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
5H-Indeno[1,2-b...	17.856	12.0	ng/u1	1347510	4	17.451	2251650	20.0
Phenanthrene, 2...	18.456	2.0	ng/u1	228068	4	17.451	2251650	20.0
4H-Cyclopenta[d...	18.527	4.0	ng/u1	445012	4	17.451	2251650	20.0