

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047836.D
Acq On : 04 Oct 2024 10:24
Operator : RC/JU
Sample : P4084-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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-BM092724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM047836.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.687	116	119	126	rBV2	19431	32197	0.86%	0.095%
2	3.993	168	171	177	rVB	35181	51166	1.37%	0.150%
3	6.969	670	677	684	rBV	62289	110839	2.97%	0.326%
4	7.128	700	704	712	rBV	55677	92581	2.48%	0.272%
5	7.334	733	739	746	rVB2	64714	105873	2.84%	0.311%
6	7.798	811	818	826	rBV	863951	1392941	37.37%	4.092%
7	8.175	879	882	886	rVB5	7098	10661	0.29%	0.031%
8	8.504	933	938	947	rBV2	70391	120953	3.24%	0.355%
9	8.951	1008	1014	1021	rBV	59205	108912	2.92%	0.320%
10	9.675	1131	1137	1145	rBV2	37215	68243	1.83%	0.200%
11	10.216	1221	1229	1239	rBV	67122	132454	3.55%	0.389%
12	10.592	1284	1293	1298	rBV	1183262	1980346	53.13%	5.817%
13	10.639	1298	1301	1309	rVV	372274	617876	16.58%	1.815%
14	10.734	1309	1317	1327	rVV2	56806	145574	3.91%	0.428%
15	12.251	1569	1575	1583	rBV	171572	282113	7.57%	0.829%
16	12.386	1591	1598	1603	rBV4	9794	17617	0.47%	0.052%
17	12.475	1605	1613	1622	rVB	91985	153811	4.13%	0.452%
18	13.269	1741	1748	1754	rBV	62697	98853	2.65%	0.290%
19	13.469	1774	1782	1794	rVB2	25136	51246	1.37%	0.151%
20	13.598	1800	1804	1805	rBV3	27543	37218	1.00%	0.109%
21	13.757	1824	1831	1836	rVV2	47461	88803	2.38%	0.261%
22	13.810	1836	1840	1841	rVV2	33688	39879	1.07%	0.117%
23	13.839	1841	1845	1857	rVB	162334	234637	6.29%	0.689%
24	13.992	1864	1871	1875	rBV4	22479	37850	1.02%	0.111%
25	14.127	1888	1894	1905	rBV	180554	292219	7.84%	0.858%
26	14.339	1927	1930	1936	rVB7	4838	8585	0.23%	0.025%
27	14.433	1936	1946	1952	rBV	1765957	2576304	69.11%	7.568%
28	14.498	1952	1957	1966	rVV	625305	943423	25.31%	2.771%
29	14.569	1966	1969	1975	rVV8	5607	10057	0.27%	0.030%
30	14.633	1975	1980	1992	rVV7	25158	68090	1.83%	0.200%
31	14.745	1992	1999	2004	rVV3	24820	46583	1.25%	0.137%
32	14.833	2007	2014	2022	rVV	366022	560594	15.04%	1.647%
33	14.910	2022	2027	2032	rVV2	16347	26367	0.71%	0.077%
34	15.057	2044	2052	2056	rBV7	9377	19232	0.52%	0.056%
35	15.104	2056	2060	2065	rBV3	11950	16876	0.45%	0.050%
36	15.210	2073	2078	2079	rBV4	7008	7889	0.21%	0.023%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
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37	15.221	2079	2080	2084	rVV4	9385	11079	0.30%	0.033%
38	15.251	2084	2085	2089	rVV4	6815	8441	0.23%	0.025%
39	15.369	2100	2105	2107	rBV4	5352	8085	0.22%	0.024%
40	15.427	2107	2115	2119	rVV	239044	363145	9.74%	1.067%

41	15.480	2119	2124	2130	rVV	576740	834504	22.39%	2.451%
42	15.533	2130	2133	2138	rVV2	31224	57432	1.54%	0.169%
43	15.574	2138	2140	2142	rVV3	23883	27825	0.75%	0.082%
44	15.604	2142	2145	2148	rVV2	37478	55807	1.50%	0.164%
45	15.639	2148	2151	2157	rVV3	66865	102823	2.76%	0.302%

46	15.692	2157	2160	2162	rVV2	14773	19981	0.54%	0.059%
47	15.733	2162	2167	2170	rVV	33988	52955	1.42%	0.156%
48	15.774	2170	2174	2183	rVB3	92407	169096	4.54%	0.497%
49	15.921	2192	2199	2206	rBV	80032	157345	4.22%	0.462%
50	16.010	2212	2214	2221	rVB2	16361	19785	0.53%	0.058%

51	16.145	2228	2237	2245	rBV2	15226	37545	1.01%	0.110%
52	16.274	2250	2259	2265	rBV5	21823	38533	1.03%	0.113%
53	16.439	2283	2287	2288	rBV2	15782	18385	0.49%	0.054%
54	16.480	2289	2294	2299	rVV3	49083	91497	2.45%	0.269%
55	16.527	2299	2302	2308	rVV4	20337	37213	1.00%	0.109%

56	16.580	2308	2311	2314	rVV5	7851	12927	0.35%	0.038%
57	16.633	2315	2320	2323	rVV3	20810	34572	0.93%	0.102%
58	16.680	2325	2328	2330	rVV3	10815	12871	0.35%	0.038%
59	16.710	2330	2333	2336	rVV	20558	31469	0.84%	0.092%
60	16.751	2336	2340	2344	rVV3	24084	40570	1.09%	0.119%

61	16.786	2344	2346	2348	rVV3	9961	12189	0.33%	0.036%
62	16.833	2351	2354	2361	rVB8	14650	22473	0.60%	0.066%
63	16.910	2361	2367	2368	rBV2	23912	34949	0.94%	0.103%
64	16.927	2368	2370	2374	rVV4	26917	37445	1.00%	0.110%
65	16.992	2376	2381	2389	rVB	133215	192771	5.17%	0.566%

66	17.174	2405	2412	2415	rBV	2117036	2988796	80.18%	8.780%
67	17.215	2415	2419	2424	rVV	2207228	3054985	81.95%	8.974%
68	17.268	2424	2428	2431	rVV	284876	412685	11.07%	1.212%
69	17.304	2431	2434	2440	rVV	374092	506559	13.59%	1.488%
70	17.357	2440	2443	2450	rVB5	14133	27495	0.74%	0.081%

71	17.445	2455	2458	2462	rBV4	7281	9232	0.25%	0.027%
72	17.574	2474	2480	2490	rVB	101421	162760	4.37%	0.478%
73	17.692	2496	2500	2505	rVB	31849	42301	1.13%	0.124%
74	17.751	2507	2510	2517	rVB5	13227	20967	0.56%	0.062%
75	17.892	2530	2534	2538	rBV3	13010	19502	0.52%	0.057%

76	18.045	2555	2560	2564	rVV	116946	198383	5.32%	0.583%
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77	18.092	2564	2568	2574	rVV	157351	233333	6.26%	0.685%
78	18.174	2576	2582	2587	rVV	40609	68684	1.84%	0.202%
79	18.245	2587	2594	2598	rVV2	254565	435548	11.68%	1.279%
80	18.274	2598	2599	2605	rVB	60234	62134	1.67%	0.183%
81	18.545	2641	2645	2649	rBV	93234	126076	3.38%	0.370%
82	18.674	2664	2667	2671	rVB6	7055	7916	0.21%	0.023%
83	18.792	2684	2687	2689	rBV4	18919	20431	0.55%	0.060%
84	18.845	2692	2696	2699	rBV4	13229	20020	0.54%	0.059%
85	18.874	2699	2701	2705	rBV4	11967	15843	0.43%	0.047%
86	18.921	2707	2709	2712	rBV3	7867	7791	0.21%	0.023%
87	18.957	2712	2715	2720	rBV4	20058	30656	0.82%	0.090%
88	19.027	2720	2727	2730	rBV6	16904	38080	1.02%	0.112%
89	19.227	2755	2761	2767	rBV	1522658	2063802	55.36%	6.062%
90	19.286	2767	2771	2775	rVB2	122677	156376	4.20%	0.459%
91	19.468	2798	2802	2809	rVB	36550	55859	1.50%	0.164%
92	19.556	2812	2817	2819	rBV2	587467	802714	21.53%	2.358%
93	19.586	2819	2822	2830	rVV	1048579	1388104	37.24%	4.078%
94	19.656	2831	2834	2840	rVB	39061	55178	1.48%	0.162%
95	19.768	2849	2853	2858	rBV	40931	57261	1.54%	0.168%
96	19.909	2872	2877	2878	rBV2	39209	59738	1.60%	0.175%
97	20.080	2902	2906	2912	rVB	127257	177208	4.75%	0.521%
98	20.180	2919	2923	2927	rBV	138634	176290	4.73%	0.518%
99	21.398	3122	3130	3135	rBV	2319960	3727640	100.00%	10.950%
100	24.397	3631	3640	3657	rVB	1393534	3679300	98.70%	10.808%

Sum of corrected areas: 34042221

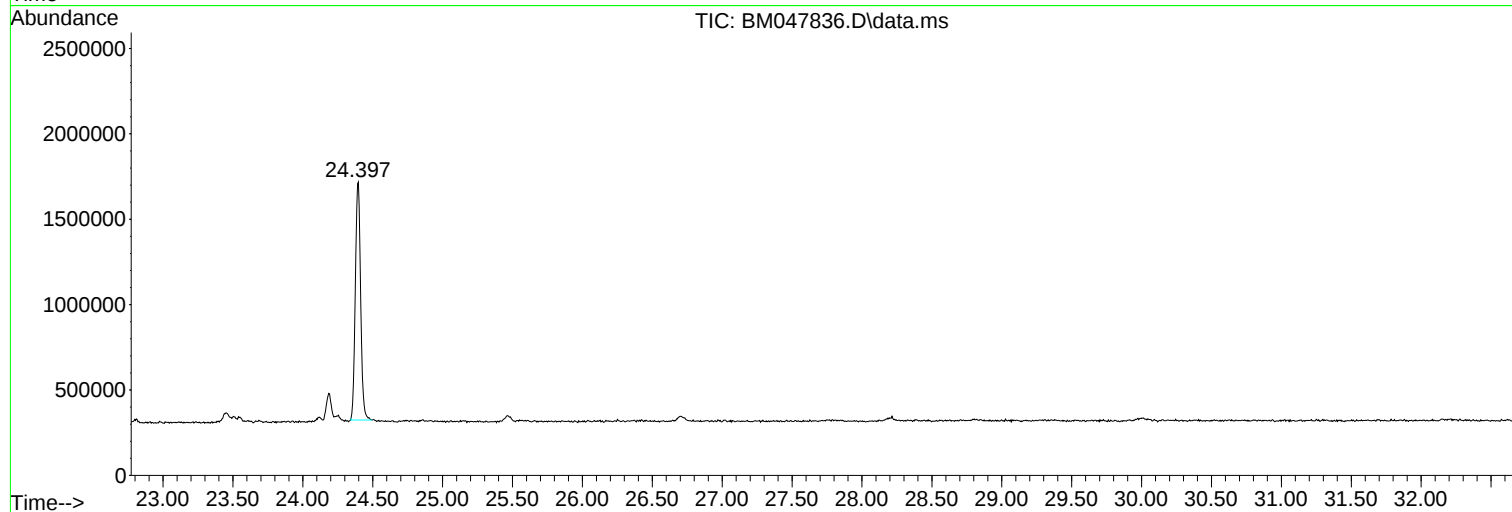
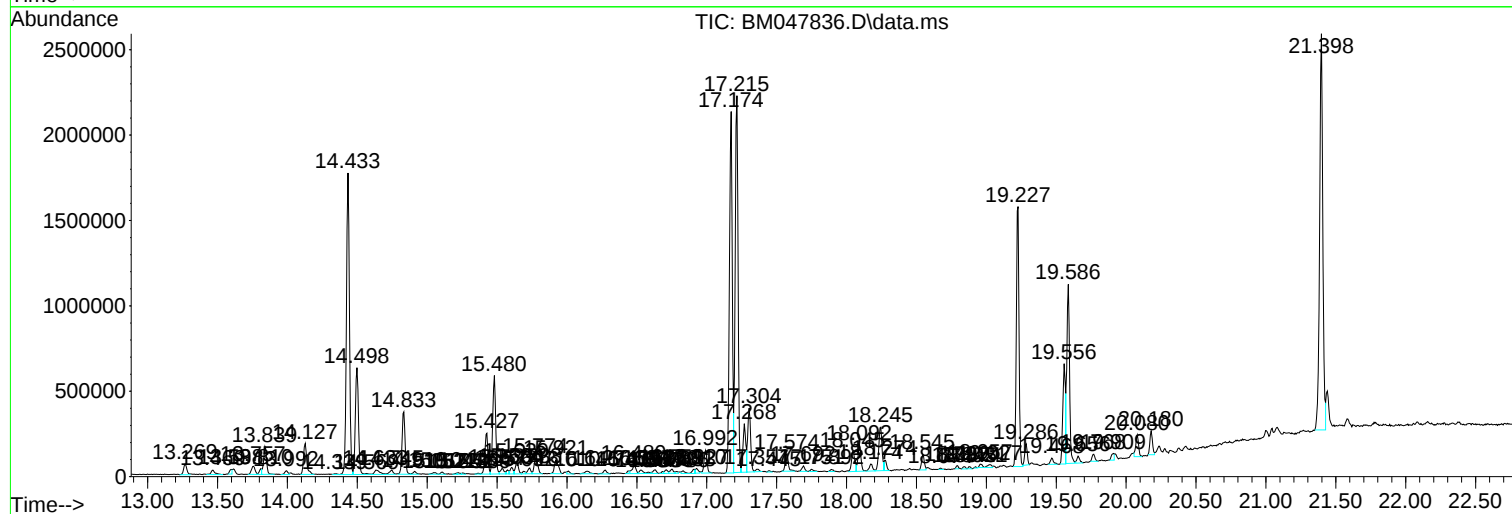
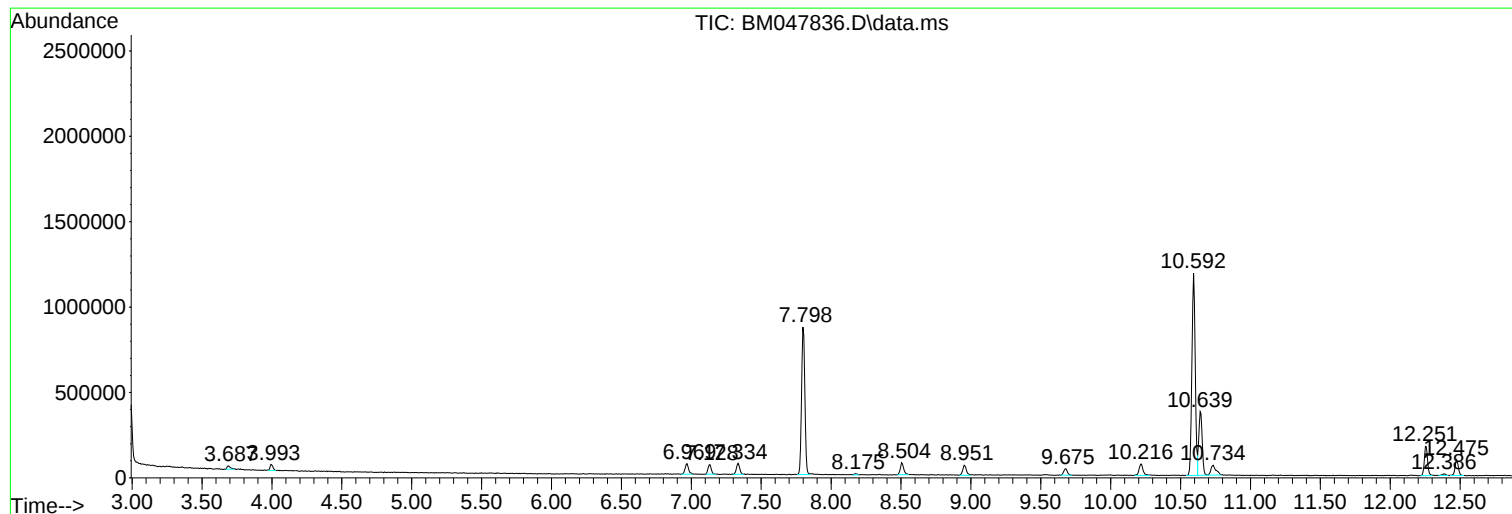
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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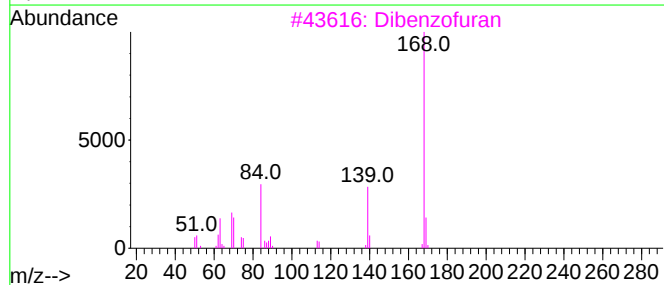
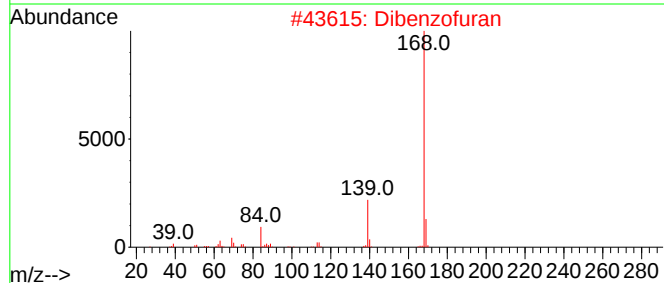
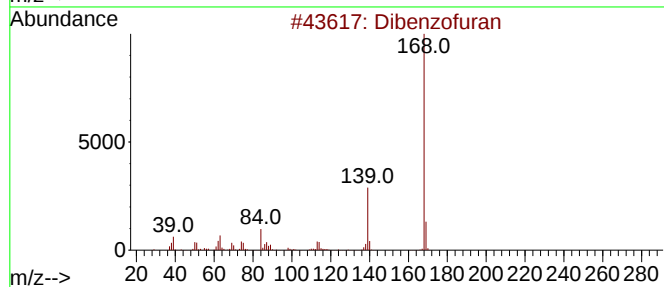
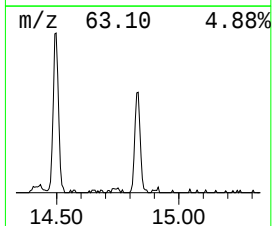
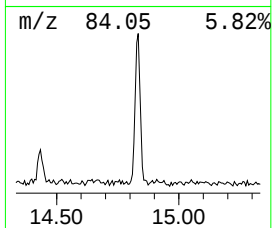
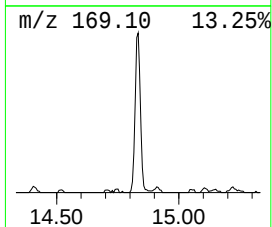
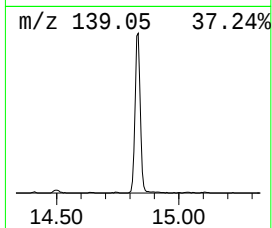
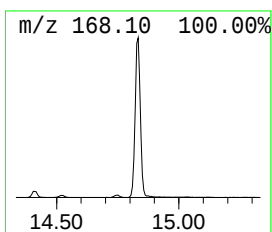
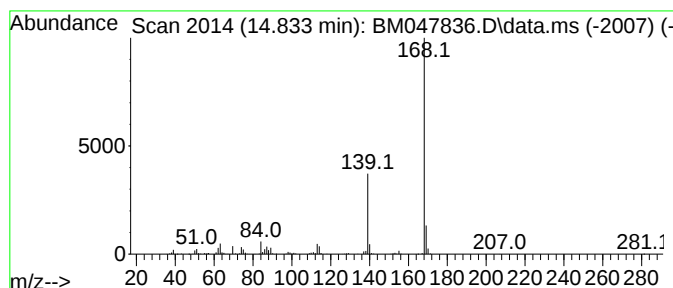
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dibenzo furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	4.35 ng/ul	560594	Acenaphthene-d10	14.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	91
2			Dibenzofuran	168	C12H8O	000132-64-9	86
3			Dibenzofuran	168	C12H8O	000132-64-9	72
4			1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	59
5			Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	58



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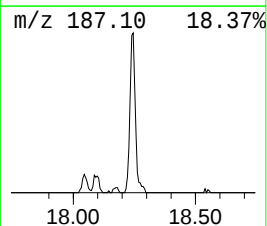
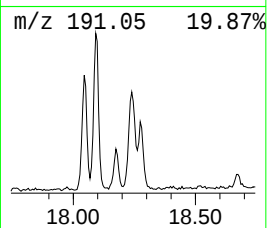
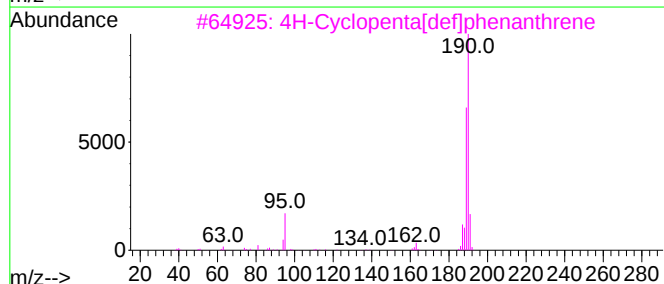
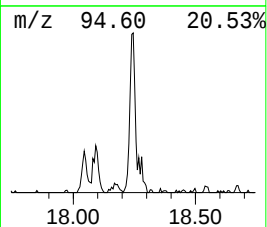
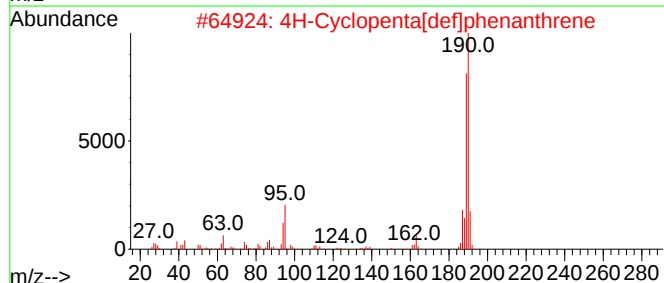
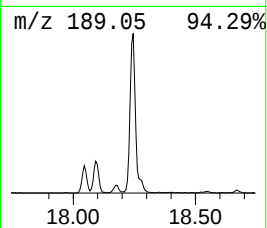
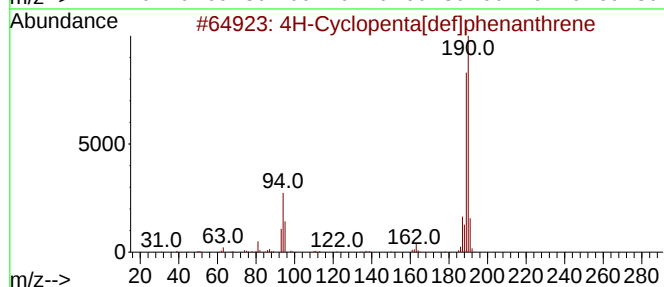
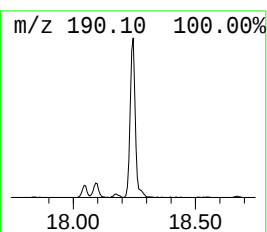
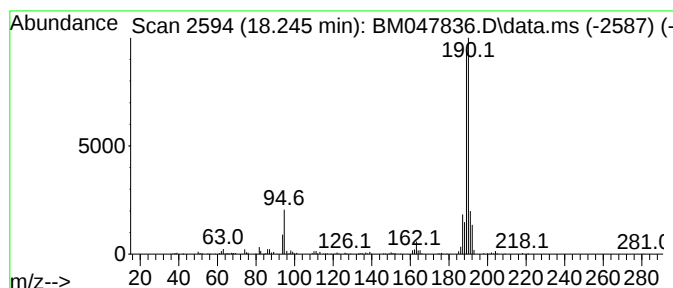
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.245	2.91 ng/ul	435548	Phenanthrene-d10		17.174	
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	91
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	90
4	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	72
5	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	72



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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dibenzo furan	14.833	4.3	ng/ul	560594	3	14.433	2576300	20.0
4H-Cyclopenta[d...]	18.245	2.9	ng/ul	435548	4	17.174	2988800	20.0