

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057237.D
 Acq On : 29 Apr 2023 4:27
 Operator : CG/JU
 Sample : 02417-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8X7

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_G\Methods\SFAM-EPA-BG042823.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG057237.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.573	3	6	7	rVB	650	550	0.19%	0.017%
2	3.591	7	9	11	rBV	721	638	0.22%	0.020%
3	3.608	11	12	15	rVB	720	593	0.20%	0.018%
4	3.655	19	20	23	rVB	1303	1053	0.36%	0.033%
5	3.843	50	52	55	rBV	445	456	0.15%	0.014%
6	3.873	55	57	60	rVV2	563	498	0.17%	0.015%
7	3.896	60	61	64	rVV2	745	428	0.14%	0.013%
8	4.114	96	98	99	rBV	693	418	0.14%	0.013%
9	4.143	101	103	107	rVV2	690	690	0.23%	0.021%
10	4.208	112	114	120	rVB	955	1341	0.45%	0.041%
11	4.278	124	126	127	rBV	543	400	0.14%	0.012%
12	4.343	135	137	142	rVB3	1507	1945	0.66%	0.060%
13	4.454	154	156	160	rVB	815	561	0.19%	0.017%
14	4.548	169	172	174	rBV2	589	700	0.24%	0.022%
15	4.936	237	238	240	rBV	522	440	0.15%	0.014%
16	5.394	312	316	320	rBV3	1503	2558	0.86%	0.079%
17	5.899	399	402	403	rVB	681	663	0.22%	0.020%
18	6.011	418	421	428	rVB2	932	1696	0.57%	0.052%
19	6.704	538	539	542	rVB	590	408	0.14%	0.013%
20	7.227	626	628	631	rBV2	294	431	0.15%	0.013%
21	7.515	671	677	687	rVB	30482	50700	17.13%	1.565%
22	7.679	698	705	713	rBV	21869	36916	12.47%	1.140%
23	7.820	727	729	731	rBV	462	399	0.13%	0.012%
24	7.903	737	743	752	rBV	29154	49255	16.64%	1.521%
25	8.044	763	767	769	rVB2	354	463	0.16%	0.014%
26	8.378	816	824	831	rBV	48209	80651	27.24%	2.490%
27	8.449	834	836	840	rBV2	417	567	0.19%	0.018%
28	8.660	870	872	875	rBV2	347	528	0.18%	0.016%
29	8.807	893	897	899	rBV	291	534	0.18%	0.016%
30	8.919	913	916	920	rBV2	261	470	0.16%	0.015%
31	8.995	927	929	931	rVB	449	397	0.13%	0.012%
32	9.077	937	943	952	rVB2	25033	46134	15.58%	1.424%
33	9.213	959	966	973	rVB3	3318	6341	2.14%	0.196%
34	9.553	1017	1024	1035	rVB2	33787	60609	20.47%	1.871%
35	9.636	1035	1038	1041	rBV	344	456	0.15%	0.014%
36	9.917	1082	1086	1088	rBV2	445	447	0.15%	0.014%

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37	10.152	1124	1126	1129	rBV2	347	505	0.17%	0.016%
38	10.282	1140	1148	1155	rBV2	26378	46738	15.79%	1.443%
39	10.558	1193	1195	1197	rVB	475	483	0.16%	0.015%
40	10.828	1235	1241	1250	rBV	38913	67318	22.74%	2.078%
41	11.216	1300	1307	1315	rVB	71356	123833	41.83%	3.823%
42	11.292	1317	1320	1322	rBV	314	443	0.15%	0.014%
43	11.339	1322	1328	1337	rBV	27757	49201	16.62%	1.519%
44	12.772	1569	1572	1576	rBV2	464	619	0.21%	0.019%
45	13.853	1752	1756	1759	rVB	830	913	0.31%	0.028%
46	13.912	1763	1766	1770	rVB2	748	1029	0.35%	0.032%
47	13.988	1775	1779	1781	rBV	489	546	0.18%	0.017%
48	14.370	1838	1844	1852	rVB	92996	134627	45.48%	4.157%
49	14.500	1861	1866	1873	rVB	25550	39544	13.36%	1.221%
50	14.688	1891	1898	1905	rBV2	103400	154221	52.09%	4.761%
51	14.987	1942	1949	1956	rBV	133609	205961	69.57%	6.359%
52	15.175	1975	1981	1991	rBV	16700	32854	11.10%	1.014%
53	15.381	2012	2016	2019	rVB2	1649	1618	0.55%	0.050%
54	15.445	2024	2027	2029	rBV	464	494	0.17%	0.015%
55	15.974	2110	2117	2125	rVB	141840	206737	69.83%	6.383%
56	16.086	2131	2136	2142	rBV	23235	33060	11.17%	1.021%
57	16.321	2170	2176	2182	rBV2	40441	56259	19.00%	1.737%
58	17.237	2329	2332	2336	rVB2	1806	1678	0.57%	0.052%
59	17.519	2377	2380	2381	rBV2	513	534	0.18%	0.016%
60	17.589	2389	2392	2393	rBV2	759	692	0.23%	0.021%
61	17.625	2396	2398	2400	rVB	460	392	0.13%	0.012%
62	17.725	2409	2415	2422	rBV	187630	276437	93.38%	8.535%
63	17.824	2426	2432	2439	rVB2	150823	225589	76.20%	6.965%
64	17.971	2453	2457	2458	rBV	612	561	0.19%	0.017%
65	18.054	2467	2471	2472	rBV	378	514	0.17%	0.016%
66	18.465	2539	2541	2544	rVB3	1216	1235	0.42%	0.038%
67	18.523	2549	2551	2552	rBV3	1236	919	0.31%	0.028%
68	18.565	2554	2558	2564	rVV3	18833	29931	10.11%	0.924%
69	18.647	2568	2572	2577	rVB	2277	3390	1.15%	0.105%
70	18.729	2584	2586	2587	rBV	647	394	0.13%	0.012%
71	18.882	2610	2612	2613	rBV	716	569	0.19%	0.018%
72	18.964	2624	2626	2627	rBV	647	596	0.20%	0.018%
73	18.988	2627	2630	2634	rVB4	5236	6171	2.08%	0.191%
74	19.093	2645	2648	2650	rVB2	1127	1108	0.37%	0.034%
75	19.152	2655	2658	2661	rVB3	925	1330	0.45%	0.041%
76	19.240	2671	2673	2675	rBV	815	645	0.22%	0.020%

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77	19.364	2692	2694	2696	rBV2	1076	939	0.32%	0.029%
78	19.428	2704	2705	2706	rBV	954	604	0.20%	0.019%
79	19.469	2710	2712	2717	rVB3	1574	1550	0.52%	0.048%
80	19.569	2726	2729	2734	rBV3	2922	3211	1.08%	0.099%
81	19.616	2735	2737	2739	rVB	1221	814	0.27%	0.025%
82	19.657	2739	2744	2748	rBV6	3039	5922	2.00%	0.183%
83	19.704	2749	2752	2757	rBV5	6847	10834	3.66%	0.334%
84	19.822	2768	2772	2779	rBV4	5022	8522	2.88%	0.263%
85	20.092	2812	2818	2826	rBV	200373	286404	96.74%	8.843%
86	20.186	2832	2834	2837	rBV2	1233	1321	0.45%	0.041%
87	21.061	2981	2983	2986	rVB3	3367	3007	1.02%	0.093%
88	21.596	3071	3074	3085	rBV9	11348	25849	8.73%	0.798%
89	22.036	3142	3149	3155	rBV	172098	296045	100.00%	9.140%
90	23.570	3407	3410	3416	rVB4	11535	18253	6.17%	0.564%
91	25.303	3696	3705	3716	rVB2	86502	243915	82.39%	7.531%
92	25.543	3738	3746	3757	rVB2	91370	269407	91.00%	8.318%
93	26.448	3898	3900	3902	rBV3	2091	1309	0.44%	0.040%

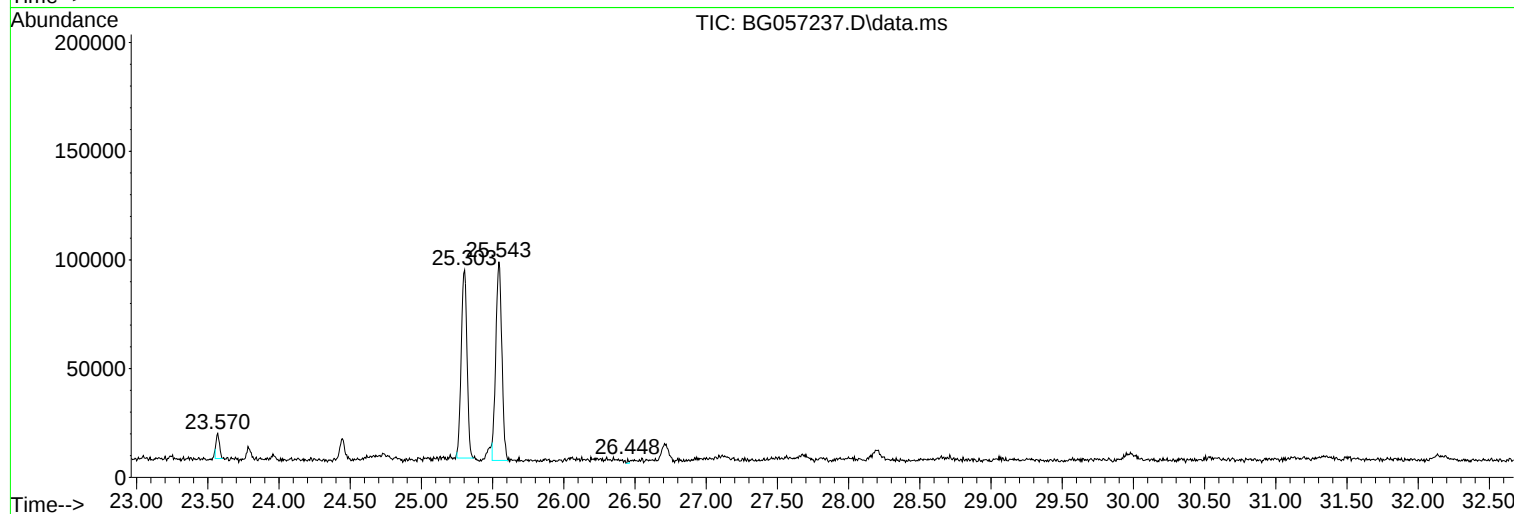
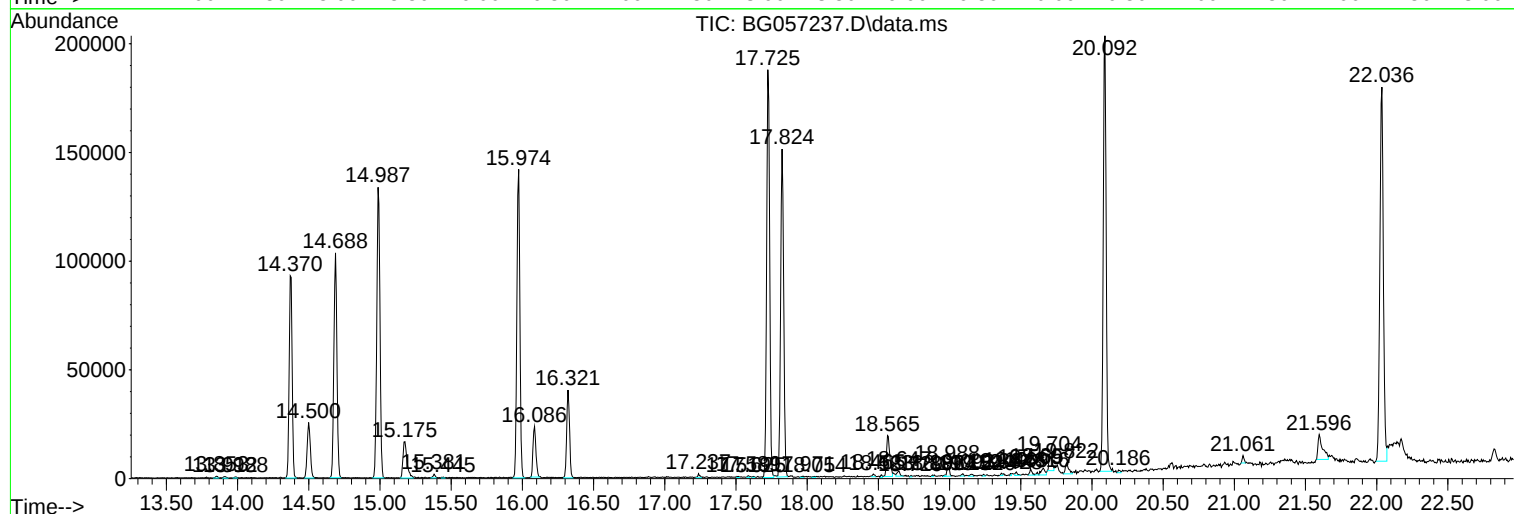
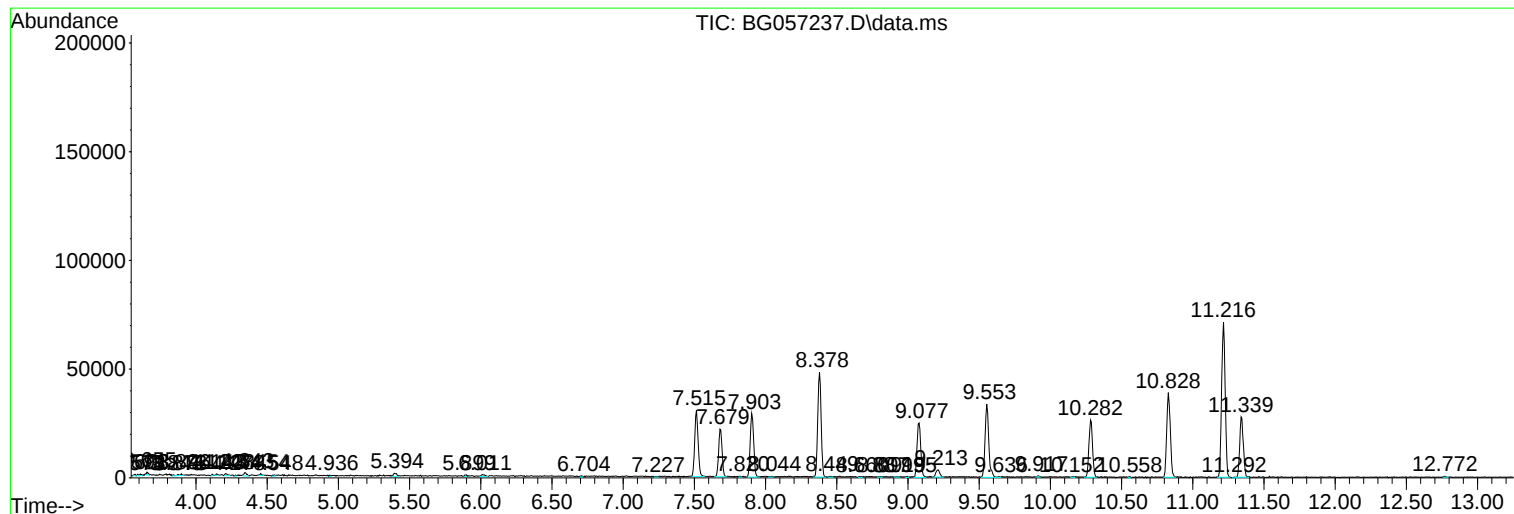
Sum of corrected areas: 3238928

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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



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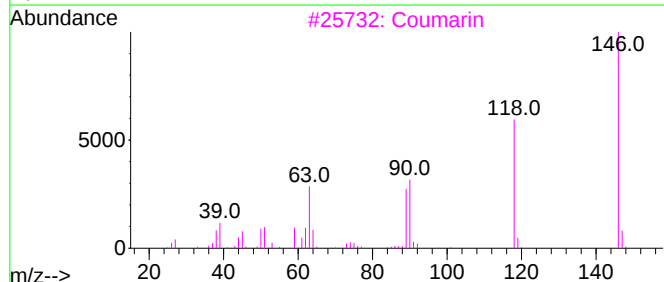
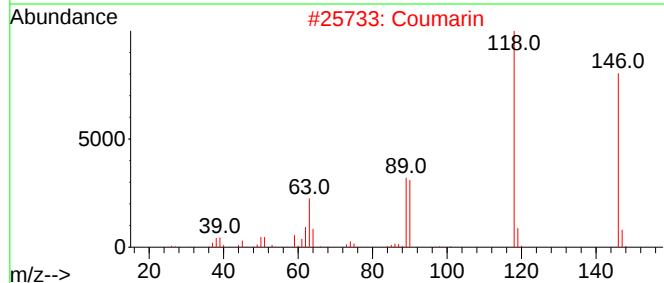
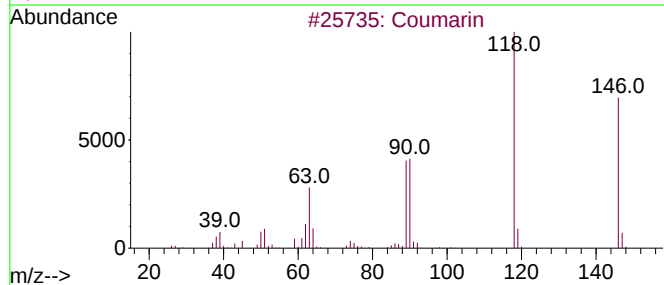
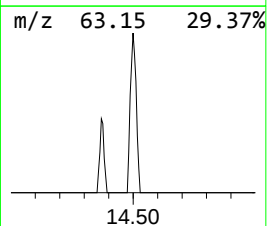
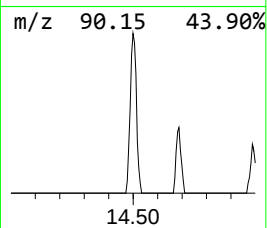
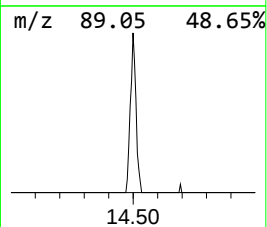
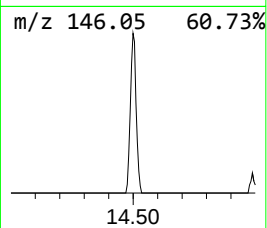
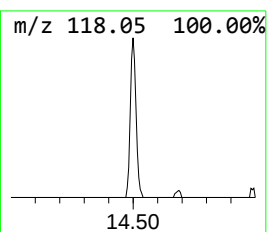
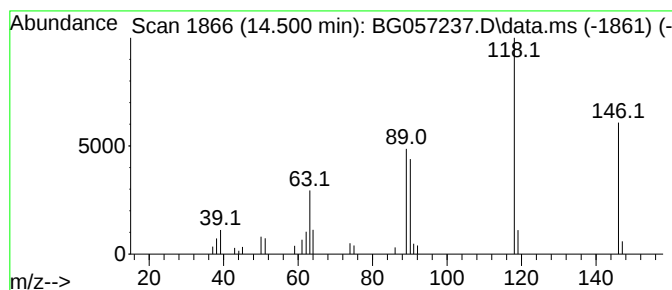
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Coumarin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	3.84 ng/ul	39544	Acenaphthene-d10	14.987

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coumarin			146	C9H6O2	000091-64-5	96
2	Coumarin			146	C9H6O2	000091-64-5	94
3	Coumarin			146	C9H6O2	000091-64-5	94
4	Coumarin			146	C9H6O2	000091-64-5	91
5	Coumarin			146	C9H6O2	000091-64-5	91



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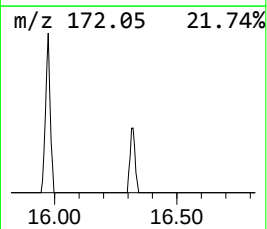
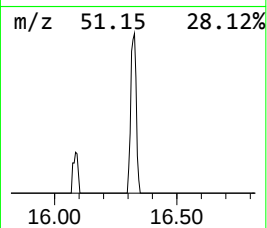
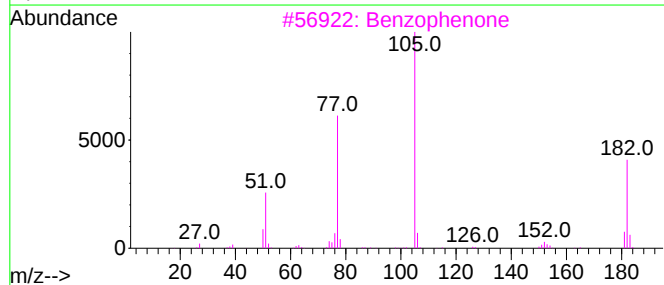
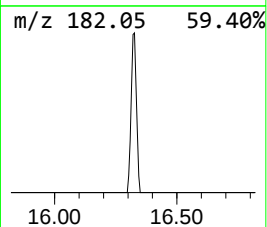
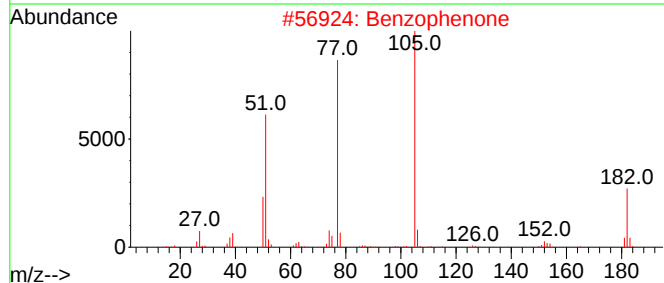
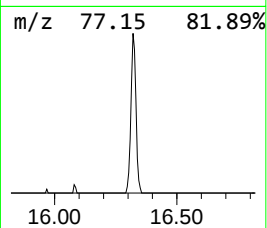
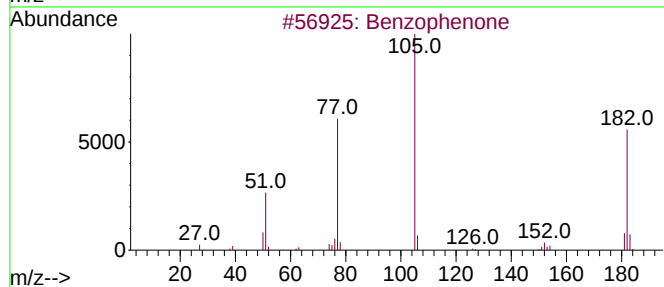
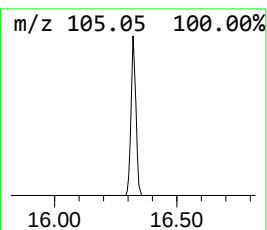
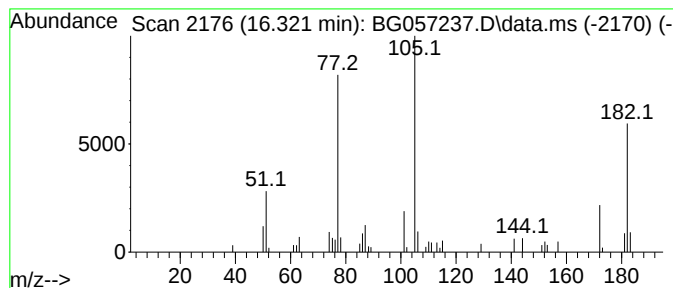
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.321	5.46 ng/ul	56259	Acenaphthene-d10	14.987

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	93
2			Benzophenone	182	C13H10O	000119-61-9	81
3			Benzophenone	182	C13H10O	000119-61-9	81
4			Benzophenone	182	C13H10O	000119-61-9	81
5			Benzophenone	182	C13H10O	000119-61-9	74



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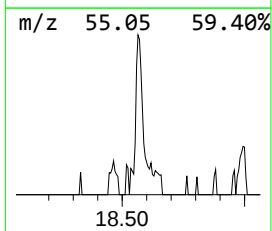
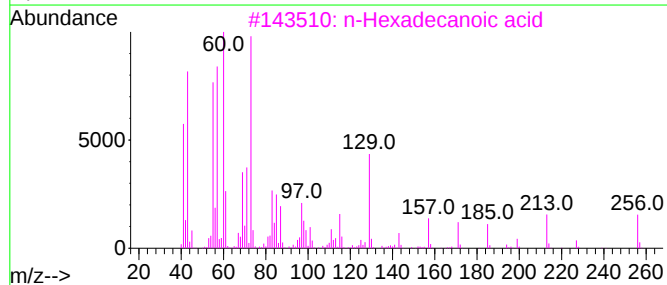
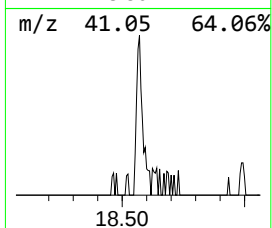
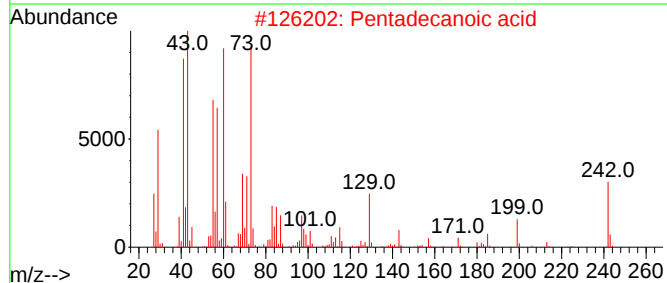
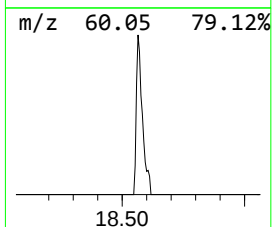
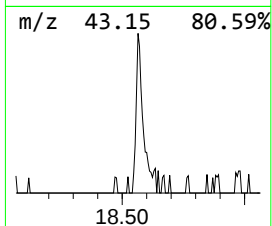
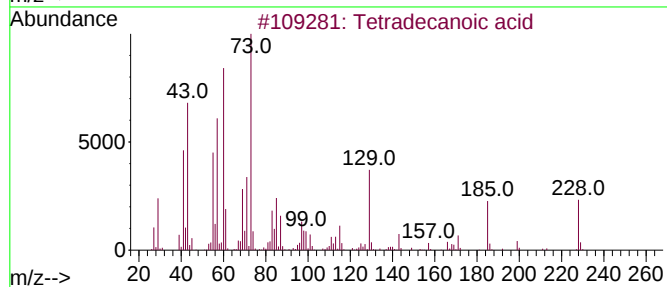
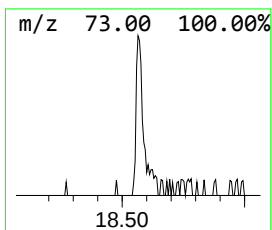
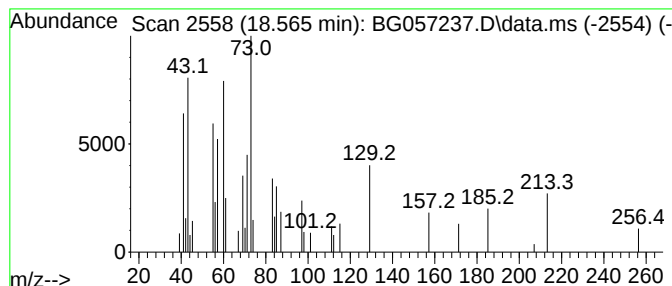
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.565	2.17 ng/ul	29931	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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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	--Internal Standard--			
					#	RT	Resp	Conc
Coumarin	14.499	3.8	ng/ul	39544	3	14.987	205961	20.0
Benzophenone	16.321	5.5	ng/ul	56259	3	14.987	205961	20.0
Tetradecanoic acid	18.565	2.2	ng/ul	29931	4	17.725	276437	20.0