

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
 Data File : BG057325.D
 Acq On : 8 May 2023 10:31
 Operator : CG/JU
 Sample : 02589-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JREA1

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: BG057325.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.650	15	19	22	rBV3	931	1173	0.35%	0.045%
2	3.956	67	71	73	rVV	341	573	0.17%	0.022%
3	4.026	80	83	85	rVB	739	689	0.21%	0.026%
4	4.326	133	134	136	rBV	588	538	0.16%	0.020%
5	4.443	152	154	157	rBV	671	857	0.26%	0.033%
6	7.516	672	677	686	rBB2	14646	24754	7.40%	0.940%
7	7.680	699	705	710	rBB	11112	18028	5.39%	0.685%
8	7.903	738	743	749	rBB2	13988	22290	6.67%	0.846%
9	8.373	816	823	830	rBB	57843	93558	27.98%	3.553%
10	9.072	937	942	952	rBB	17003	30214	9.04%	1.147%
11	9.208	962	965	967	rBV	747	732	0.22%	0.028%
12	9.554	1017	1024	1031	rVB2	14849	25528	7.63%	0.969%
13	10.283	1142	1148	1154	rBV2	11765	20085	6.01%	0.763%
14	10.835	1235	1242	1249	rBV3	18020	33443	10.00%	1.270%
15	11.211	1299	1306	1316	rVB	85740	151081	45.18%	5.737%
16	11.340	1323	1328	1334	rVV	5442	10190	3.05%	0.387%
17	11.675	1378	1385	1388	rBB	257	576	0.17%	0.022%
18	12.615	1541	1545	1549	rBV	316	682	0.20%	0.026%
19	13.913	1761	1766	1769	rBV	986	1038	0.31%	0.039%
20	14.371	1838	1844	1851	rVB	43375	63692	19.05%	2.419%
21	14.688	1892	1898	1905	rVB	51225	78769	23.56%	2.991%
22	14.870	1923	1929	1942	rBV2	25352	41978	12.55%	1.594%
23	14.988	1942	1949	1958	rVB	158599	247902	74.14%	9.414%
24	15.188	1980	1983	1994	rVB4	3234	7572	2.26%	0.288%
25	15.969	2111	2116	2124	rVB	71297	105757	31.63%	4.016%
26	16.104	2135	2139	2146	rBV2	4273	6232	1.86%	0.237%
27	16.321	2171	2176	2183	rBV	17770	24945	7.46%	0.947%
28	16.680	2233	2237	2245	rBV2	7591	13338	3.99%	0.506%
29	17.520	2376	2380	2382	rBV2	544	693	0.21%	0.026%
30	17.584	2387	2391	2395	rVB2	401	676	0.20%	0.026%
31	17.725	2409	2415	2422	rVV	207892	320312	95.79%	12.163%
32	17.825	2426	2432	2438	rBV2	85879	127212	38.04%	4.831%
33	17.896	2440	2444	2447	rVB	2041	2138	0.64%	0.081%
34	17.996	2459	2461	2467	rVB2	419	752	0.22%	0.029%
35	18.207	2495	2497	2500	rVV2	1308	1720	0.51%	0.065%
36	18.242	2500	2503	2504	rVV2	790	958	0.29%	0.036%

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37	18.254	2504	2505	2507	rVV2	750	626	0.19%	0.024%
38	18.583	2556	2561	2562	rBV2	1319	1513	0.45%	0.057%
39	18.624	2567	2568	2571	rVV2	809	806	0.24%	0.031%
40	19.135	2653	2655	2658	rBV2	755	874	0.26%	0.033%
41	19.259	2673	2676	2679	rBV2	1046	1300	0.39%	0.049%
42	19.311	2683	2685	2688	rVB2	483	609	0.18%	0.023%
43	19.335	2688	2689	2690	rBV	986	537	0.16%	0.020%
44	19.441	2704	2707	2708	rBV	643	543	0.16%	0.021%
45	19.470	2710	2712	2714	rVV2	1128	935	0.28%	0.036%
46	19.488	2714	2715	2717	rVV	728	523	0.16%	0.020%
47	19.558	2725	2727	2730	rVB	861	839	0.25%	0.032%
48	19.588	2730	2732	2735	rBV2	574	669	0.20%	0.025%
49	19.664	2740	2745	2748	rVB5	1287	2165	0.65%	0.082%
50	19.717	2748	2754	2755	rBV4	1146	1663	0.50%	0.063%
51	19.734	2755	2757	2759	rVB3	1223	992	0.30%	0.038%
52	19.764	2759	2762	2763	rBV3	857	853	0.26%	0.032%
53	19.840	2773	2775	2776	rBV	1191	537	0.16%	0.020%
54	19.887	2781	2783	2784	rVV	888	684	0.20%	0.026%
55	19.905	2784	2786	2787	rVV	911	648	0.19%	0.025%
56	19.958	2790	2795	2800	rVB6	1942	3724	1.11%	0.141%
57	20.034	2805	2808	2810	rVV2	2328	2120	0.63%	0.081%
58	20.058	2810	2812	2813	rVV2	890	606	0.18%	0.023%
59	20.093	2813	2818	2826	rVB	119606	169808	50.78%	6.448%
60	20.169	2829	2831	2832	rBV	1418	1017	0.30%	0.039%
61	20.228	2839	2841	2844	rVB3	1546	1625	0.49%	0.062%
62	20.328	2856	2858	2860	rBV3	1302	1063	0.32%	0.040%
63	20.398	2866	2870	2871	rBV4	1084	1562	0.47%	0.059%
64	20.445	2876	2878	2880	rBV3	1850	1625	0.49%	0.062%
65	20.563	2894	2898	2900	rBV4	3608	3925	1.17%	0.149%
66	20.686	2918	2919	2920	rBV	1379	593	0.18%	0.023%
67	20.739	2926	2928	2930	rVB2	1834	1068	0.32%	0.041%
68	20.757	2930	2931	2932	rVB	1604	565	0.17%	0.021%
69	20.780	2932	2935	2937	rBV4	2138	2953	0.88%	0.112%
70	21.062	2980	2983	2987	rVB6	2613	4507	1.35%	0.171%
71	21.144	2995	2997	2999	rBV3	2274	1946	0.58%	0.074%
72	21.268	3016	3018	3019	rVB2	2763	1337	0.40%	0.051%
73	21.597	3071	3074	3078	rBV6	6544	10640	3.18%	0.404%
74	21.626	3078	3079	3081	rBV2	2529	2191	0.66%	0.083%
75	22.043	3142	3150	3158	rBV	193933	334373	100.00%	12.697%
76	22.178	3167	3173	3178	rBV6	5611	11959	3.58%	0.454%

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77	22.313	3194	3196	3199	rBV4	2200	1672	0.50%	0.063%
78	22.360	3202	3204	3206	rVB2	2896	1702	0.51%	0.065%
79	22.507	3227	3229	3230	rBV2	2104	1673	0.50%	0.064%
80	22.830	3280	3284	3290	rVB3	10270	16404	4.91%	0.623%
81	23.570	3405	3410	3417	rBV8	9179	18391	5.50%	0.698%
82	24.446	3552	3559	3569	rBV3	15316	33470	10.01%	1.271%
83	25.227	3688	3692	3696	rVB7	2635	4044	1.21%	0.154%
84	25.309	3699	3706	3716	rVB2	47244	136042	40.69%	5.166%
85	25.468	3731	3733	3734	rBV2	3531	3345	1.00%	0.127%
86	25.562	3740	3749	3760	rVB2	105649	307162	91.86%	11.664%
87	26.326	3877	3879	3881	rBV3	2740	1815	0.54%	0.069%
88	26.713	3937	3945	3947	rBV7	14049	27960	8.36%	1.062%
89	26.813	3960	3962	3963	rBV2	2337	1588	0.47%	0.060%
90	28.534	4252	4255	4258	rBV5	2101	2063	0.62%	0.078%
91	29.051	4341	4343	4344	rBV2	2401	1957	0.59%	0.074%
92	30.250	4545	4547	4548	rVB2	2253	1207	0.36%	0.046%
93	30.479	4584	4586	4588	rBV3	2257	2104	0.63%	0.080%
94	30.931	4661	4663	4664	rBV2	2117	1047	0.31%	0.040%
95	31.131	4695	4697	4698	rBV2	2126	1858	0.56%	0.071%
96	31.354	4733	4735	4738	rBV4	2578	2955	0.88%	0.112%
97	31.430	4746	4748	4750	rBV3	2423	1910	0.57%	0.073%
98	31.507	4759	4761	4764	rBV3	2175	2385	0.71%	0.091%
99	32.077	4856	4858	4859	rBV2	2199	1398	0.42%	0.053%
100	32.300	4895	4896	4899	rBV3	2417	2113	0.63%	0.080%

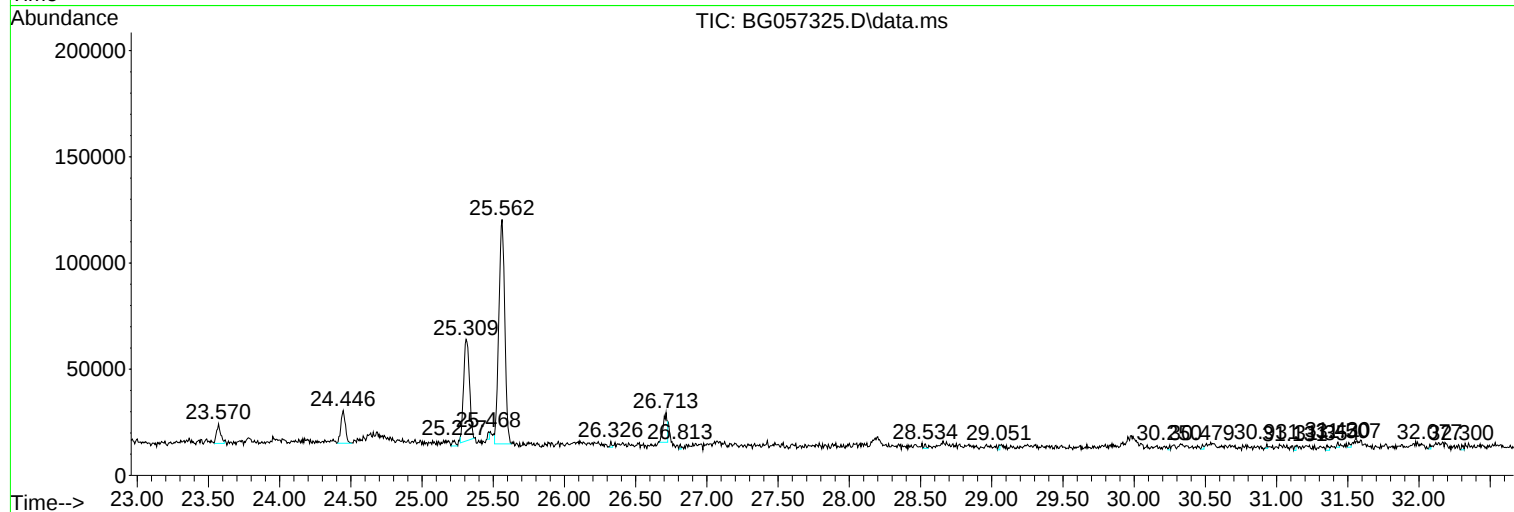
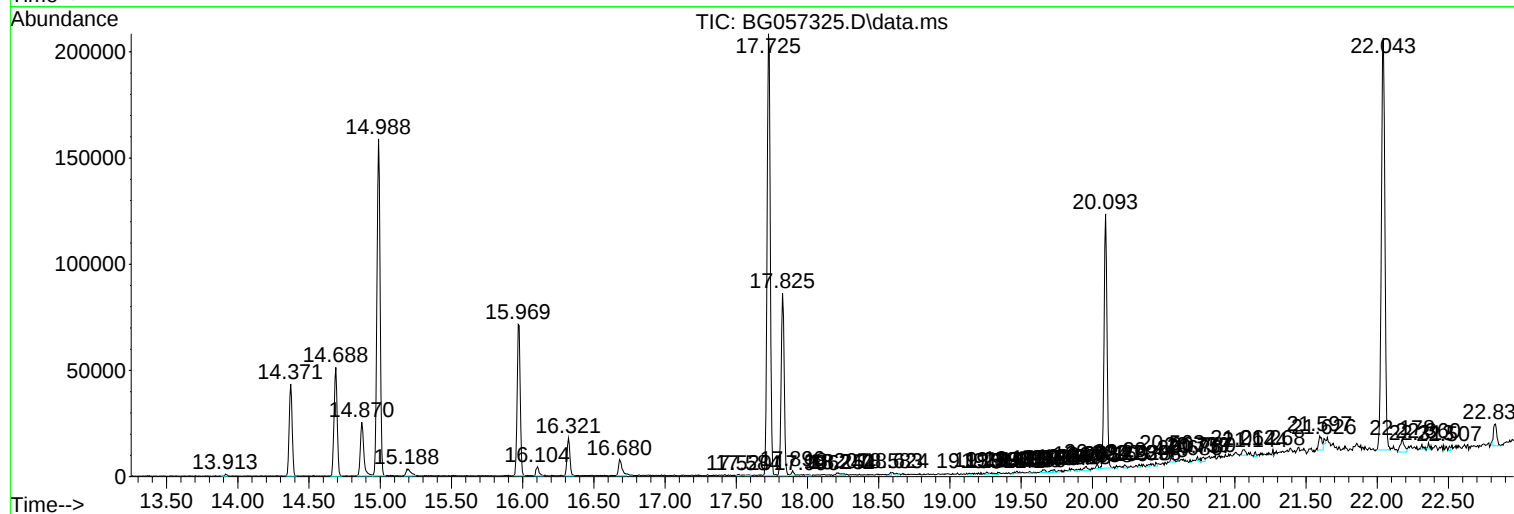
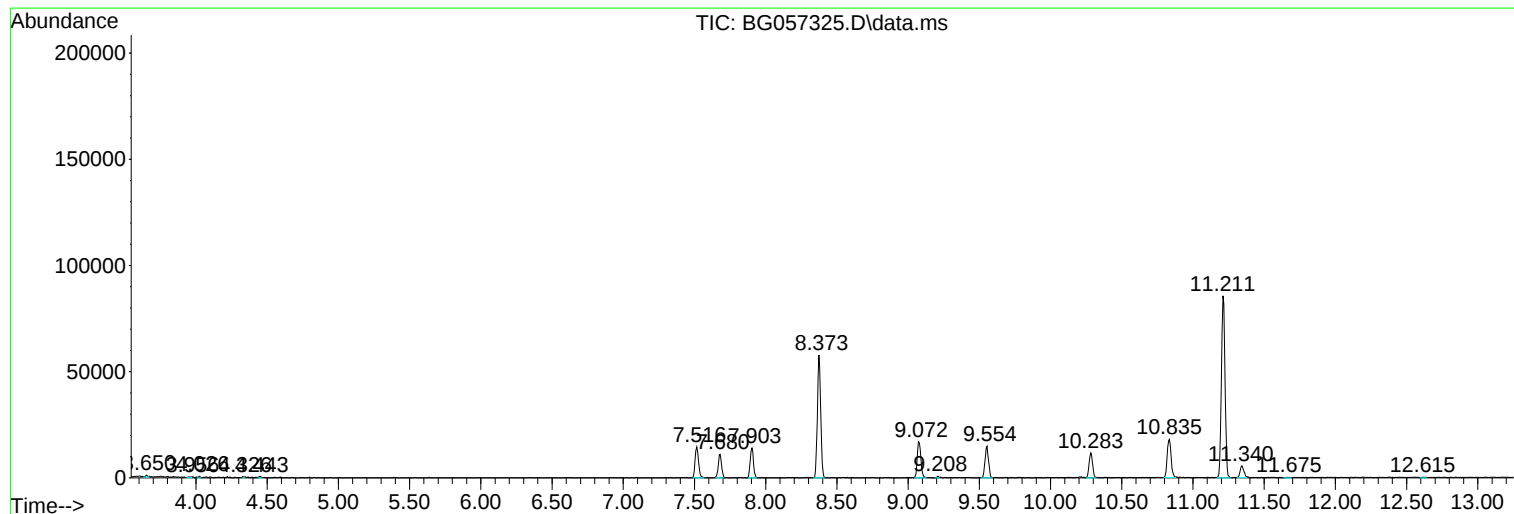
Sum of corrected areas: 2633463

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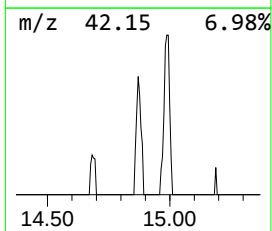
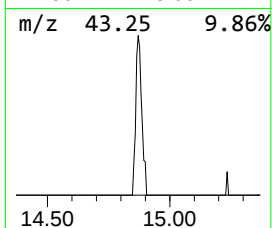
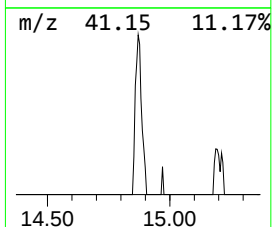
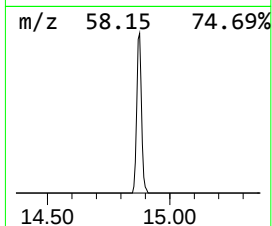
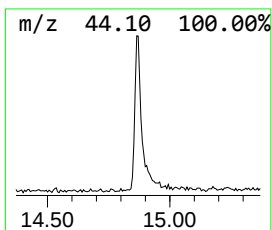
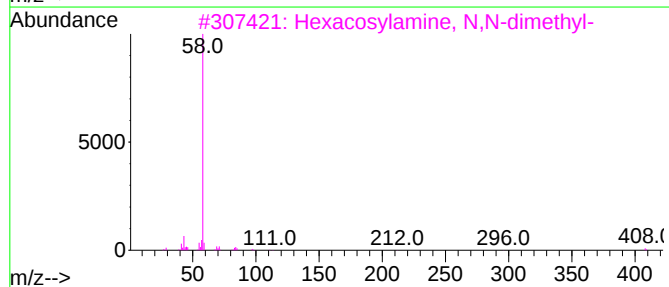
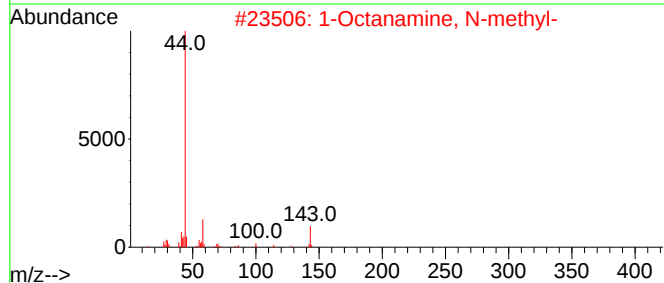
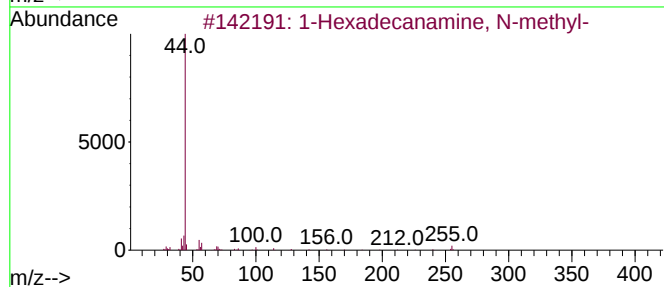
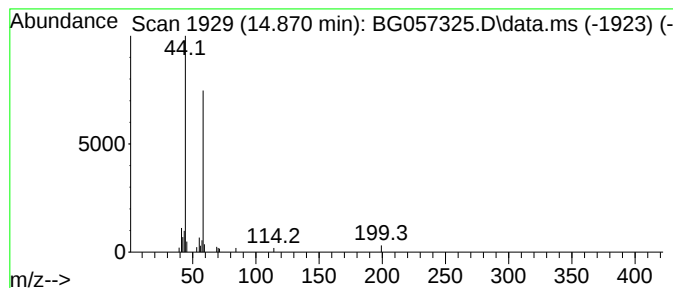
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.870	3.39 ng/ul	41978	Acenaphthene-d10	14.988

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanamine, N-methyl-		255	C17H37N	013417-08-8	38	
2	1-Octanamine, N-methyl-		143	C9H21N	002439-54-5	38	
3	Hexacosylamine, N,N-dimethyl-		409	C28H59N	1000406-30-8	37	
4	1-Methyldodecylamine		199	C13H29N	013205-57-7	32	
5	N-Dodecylmethylamine		199	C13H29N	1000342-26-1	32	



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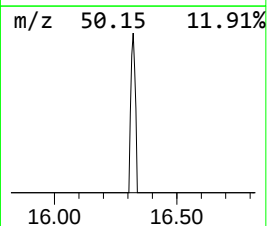
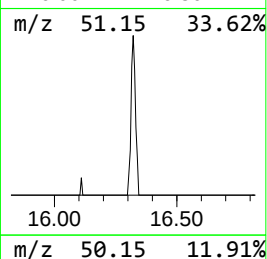
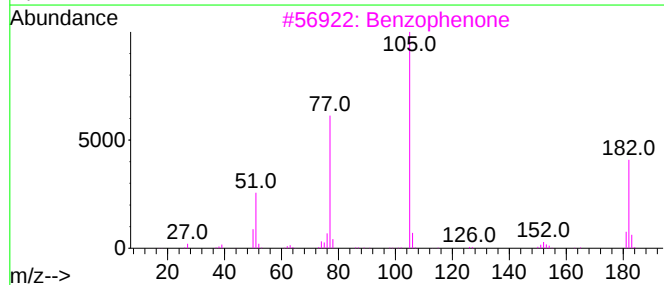
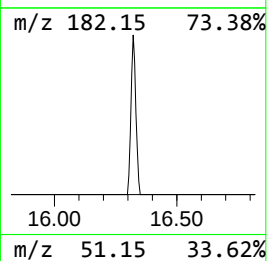
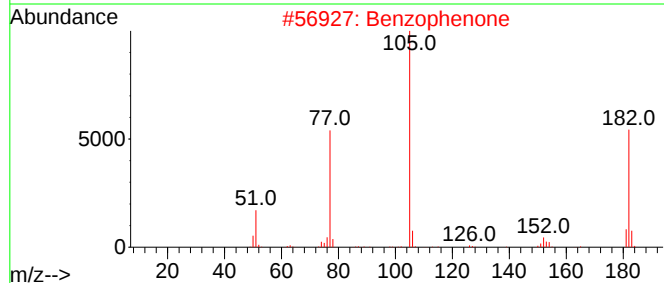
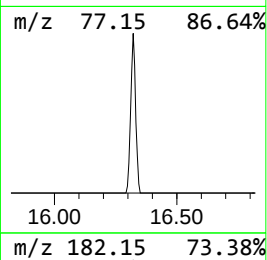
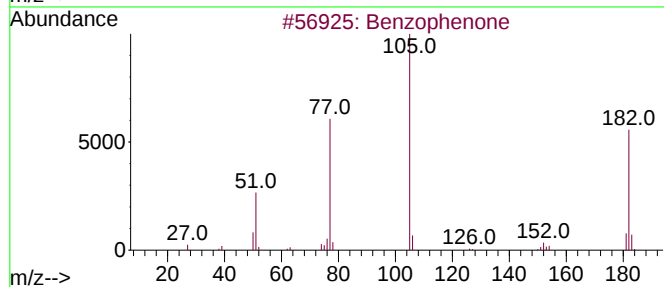
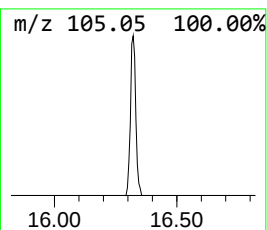
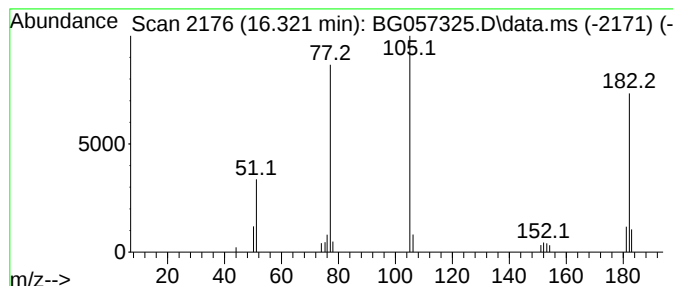
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.321	2.01 ng/ul	24945	Acenaphthene-d10	14.988

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Benzophenone	182	C13H10O	000119-61-9	86



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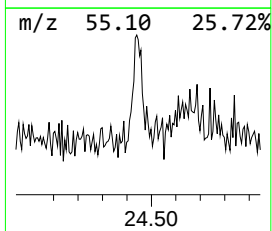
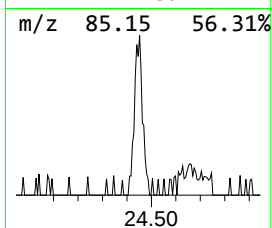
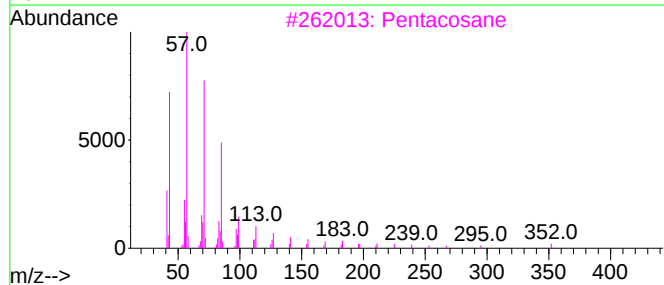
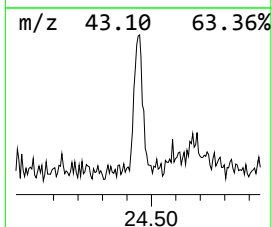
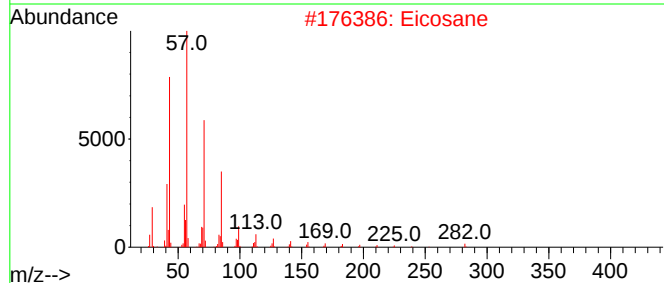
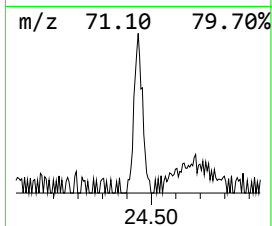
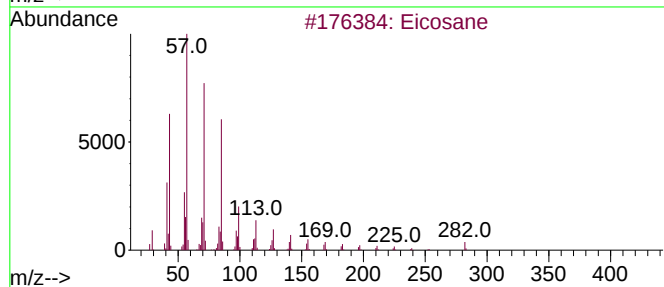
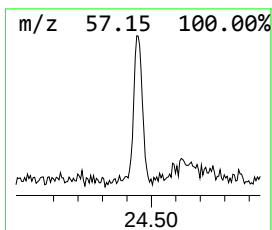
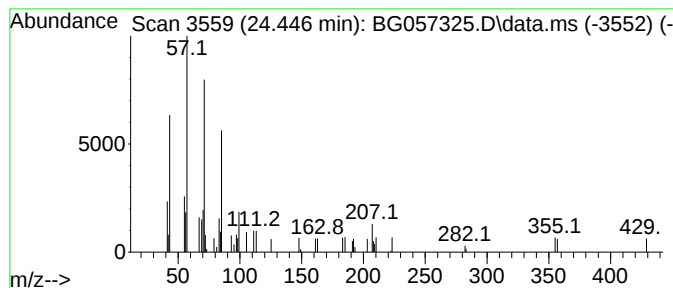
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.446	2.18 ng/ul	33470	Perylene-d12	25.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	76
2			Eicosane	282	C20H42	000112-95-8	68
3			Pentacosane	352	C25H52	000629-99-2	64
4			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	64
5			Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
Data File : BG057325.D
Acq On : 8 May 2023 10:31
Operator : CG/JU
Sample : 02589-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREA1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	14.870	3.4	ng/u1	41978	3	14.988	247902	20.0
Benzophenone	16.321	2.0	ng/u1	24945	3	14.988	247902	20.0
(DEL) Alkane: S...	24.446	2.2	ng/u1	33470	6	25.562	307162	20.0