

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056102.D
 Acq On : 24 Dec 2022 23:54
 Operator : CG/JU
 Sample : N6017-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBYF0

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-BG122422.M
 Title : SVOA CALIBRATION

Signal : TIC: BG056102.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.371	9	14	20	rBV	95071	132931	12.04%	1.064%
2	3.648	58	61	67	rVB2	5819	8173	0.74%	0.065%
3	4.082	132	135	148	rVV	57844	99778	9.04%	0.799%
4	4.441	193	196	203	rVB	2476	3366	0.30%	0.027%
5	4.658	229	233	239	rVB2	5090	7698	0.70%	0.062%
6	5.081	301	305	309	rVV2	3206	4922	0.45%	0.039%
7	5.381	352	356	359	rVV3	2661	3477	0.32%	0.028%
8	7.473	705	712	723	rVB	98327	168961	15.31%	1.353%
9	7.655	735	743	751	rVB	75135	128006	11.60%	1.025%
10	7.866	772	779	787	rBV	96694	165157	14.96%	1.322%
11	8.348	853	861	870	rVB	116291	201279	18.24%	1.611%
12	9.035	968	978	987	rBV	124993	221902	20.11%	1.776%
13	9.517	1053	1060	1068	rBV	92682	156859	14.21%	1.256%
14	9.899	1121	1125	1130	rVB3	3012	4567	0.41%	0.037%
15	10.246	1176	1184	1192	rBV	74574	131541	11.92%	1.053%
16	10.780	1268	1275	1287	rVB	149176	272782	24.72%	2.184%
17	11.180	1335	1343	1351	rVB	166232	300209	27.20%	2.403%
18	11.297	1355	1363	1372	rBV	116360	213972	19.39%	1.713%
19	12.725	1603	1606	1608	rBV2	3150	3326	0.30%	0.027%
20	13.753	1779	1781	1787	rBB2	2133	2637	0.24%	0.021%
21	14.341	1875	1881	1887	rBV	327905	465062	42.14%	3.723%
22	14.505	1905	1909	1913	rVB	2209	3282	0.30%	0.026%
23	14.652	1927	1934	1944	rVB	355593	574918	52.09%	4.603%
24	14.952	1977	1985	1993	rVB	347872	559702	50.71%	4.481%
25	15.111	2006	2012	2020	rBV	105814	167083	15.14%	1.338%
26	15.939	2145	2153	2160	rBV	524274	797764	72.28%	6.387%
27	16.033	2163	2169	2176	rBV	106131	160651	14.56%	1.286%
28	16.098	2178	2180	2184	rVB3	2508	2572	0.23%	0.021%
29	16.168	2184	2192	2197	rBV2	2513	5200	0.47%	0.042%
30	16.292	2206	2213	2220	rBV	238470	343652	31.14%	2.751%
31	16.621	2262	2269	2270	rBV6	2965	3334	0.30%	0.027%
32	16.715	2282	2285	2288	rBV4	2485	3368	0.31%	0.027%
33	16.785	2292	2297	2299	rBV4	2189	3697	0.33%	0.030%
34	16.850	2304	2308	2313	rBV6	7357	13848	1.25%	0.111%
35	16.920	2318	2320	2321	rVV2	3543	2913	0.26%	0.023%
36	16.950	2324	2325	2329	rVV2	2955	3840	0.35%	0.031%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Title : SVOA CALIBRATION

37	17.003	2331	2334	2336	rVV4	4761	5812	0.53%	0.047%
38	17.026	2336	2338	2339	rVV2	4478	3704	0.34%	0.030%
39	17.044	2339	2341	2345	rVV4	4156	6636	0.60%	0.053%
40	17.091	2345	2349	2350	rVV4	3201	4615	0.42%	0.037%

41	17.132	2354	2356	2357	rVV2	3806	2909	0.26%	0.023%
42	17.185	2363	2365	2369	rVV2	2286	2848	0.26%	0.023%
43	17.449	2405	2410	2415	rBV2	1685	3418	0.31%	0.027%
44	17.543	2423	2426	2433	rVB3	3217	4932	0.45%	0.039%
45	17.619	2433	2439	2442	rVB3	2934	4162	0.38%	0.033%

46	17.690	2442	2451	2461	rBV	538671	788699	71.46%	6.314%
47	17.790	2461	2468	2475	rVV	574031	875137	79.29%	7.006%
48	17.849	2475	2478	2484	rVB3	3381	4670	0.42%	0.037%
49	17.943	2490	2494	2496	rVB	2407	2425	0.22%	0.019%
50	17.972	2496	2499	2504	rBV	1775	2571	0.23%	0.021%

51	18.401	2570	2572	2574	rBV	2449	2632	0.24%	0.021%
52	18.483	2581	2586	2590	rVV4	2314	3004	0.27%	0.024%
53	18.536	2590	2595	2603	rBV	72202	98729	8.95%	0.790%
54	18.595	2603	2605	2607	rVV	2596	2669	0.24%	0.021%
55	18.665	2614	2617	2620	rBV2	1867	2487	0.23%	0.020%

56	18.953	2663	2666	2671	rVB4	15477	19439	1.76%	0.156%
57	19.541	2764	2766	2770	rBV2	1969	2916	0.26%	0.023%
58	19.588	2772	2774	2776	rBV3	3275	3355	0.30%	0.027%
59	19.617	2776	2779	2783	rBV5	11742	18775	1.70%	0.150%
60	19.658	2783	2786	2787	rBV3	4959	6613	0.60%	0.053%

61	19.699	2787	2793	2794	rBV4	19612	34801	3.15%	0.279%
62	19.787	2805	2808	2810	rBV4	35878	48114	4.36%	0.385%
63	19.846	2815	2818	2819	rVV3	24029	27039	2.45%	0.216%
64	20.052	2847	2853	2863	rVB	770216	1093712	99.10%	8.756%
65	20.187	2873	2876	2879	rBV4	10375	14045	1.27%	0.112%

66	20.281	2891	2892	2894	rBV2	4763	4137	0.37%	0.033%
67	20.310	2894	2897	2899	rVV3	9060	12266	1.11%	0.098%
68	20.510	2929	2931	2932	rBV2	4887	4644	0.42%	0.037%
69	20.540	2934	2936	2937	rVV2	3462	2744	0.25%	0.022%
70	20.598	2944	2946	2947	rBV2	6079	4356	0.39%	0.035%

71	20.763	2972	2974	2977	rVB4	3676	2934	0.27%	0.023%
72	20.857	2988	2990	2991	rBV2	3355	2929	0.27%	0.023%
73	21.033	3018	3020	3021	rBV	4357	3753	0.34%	0.030%
74	21.397	3077	3082	3084	rBV6	13270	23605	2.14%	0.189%
75	21.544	3105	3107	3108	rBV2	5028	3555	0.32%	0.028%

76	21.579	3108	3113	3122	rVV3	57983	120166	10.89%	0.962%
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77	21.991	3176	3183	3189	rVB	522904	911311	82.57%	7.296%
78	23.765	3467	3485	3505	rVB8	79108	501062	45.40%	4.011%
79	24.030	3529	3530	3531	rBV	5672	2895	0.26%	0.023%
80	24.435	3590	3599	3605	rBV6	39154	88729	8.04%	0.710%
81	24.940	3683	3685	3687	rBV2	4837	3731	0.34%	0.030%
82	24.987	3691	3693	3695	rBV3	4221	4383	0.40%	0.035%
83	25.216	3721	3732	3748	rVB3	378484	1103676	100.00%	8.836%
84	25.457	3761	3773	3785	rVB2	316961	969606	87.85%	7.762%
85	25.540	3785	3787	3789	rBV3	4844	4126	0.37%	0.033%
86	26.033	3865	3871	3878	rVB10	15450	37659	3.41%	0.301%
87	26.321	3912	3920	3922	rBV9	12142	28158	2.55%	0.225%
88	26.397	3930	3933	3935	rBV4	4628	5740	0.52%	0.046%
89	26.497	3948	3950	3952	rBV3	5396	4273	0.39%	0.034%
90	26.703	3978	3985	3994	rBV4	45031	131525	11.92%	1.053%
91	27.014	4036	4038	4039	rVB2	5926	3191	0.29%	0.026%
92	27.755	4162	4164	4166	rBV3	5394	3101	0.28%	0.025%
93	27.919	4190	4192	4195	rVB3	5264	4497	0.41%	0.036%
94	28.125	4225	4227	4230	rBV4	5495	5129	0.46%	0.041%
95	28.160	4230	4233	4234	rBV2	9374	8679	0.79%	0.069%
96	29.206	4409	4411	4413	rBV3	5407	4319	0.39%	0.035%
97	29.981	4535	4543	4544	rBV8	17061	31496	2.85%	0.252%
98	30.299	4595	4597	4598	rBV2	4965	3150	0.29%	0.025%
99	31.233	4753	4756	4757	rBV3	6208	7760	0.70%	0.062%
100	32.085	4899	4901	4903	rBV3	5015	4668	0.42%	0.037%

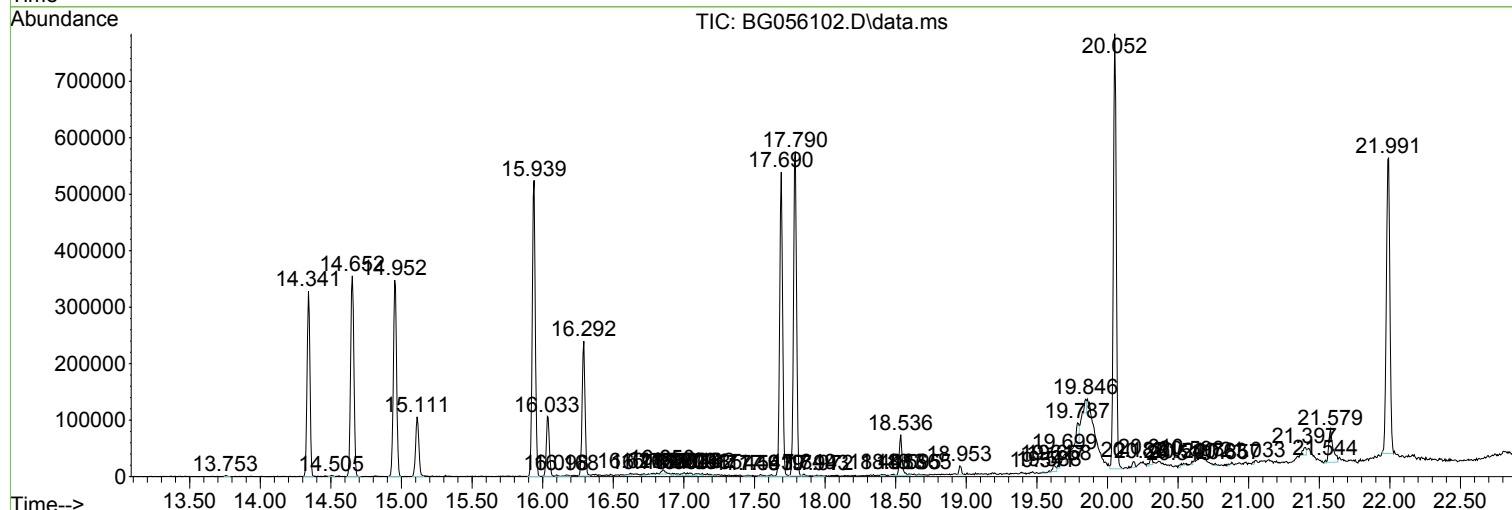
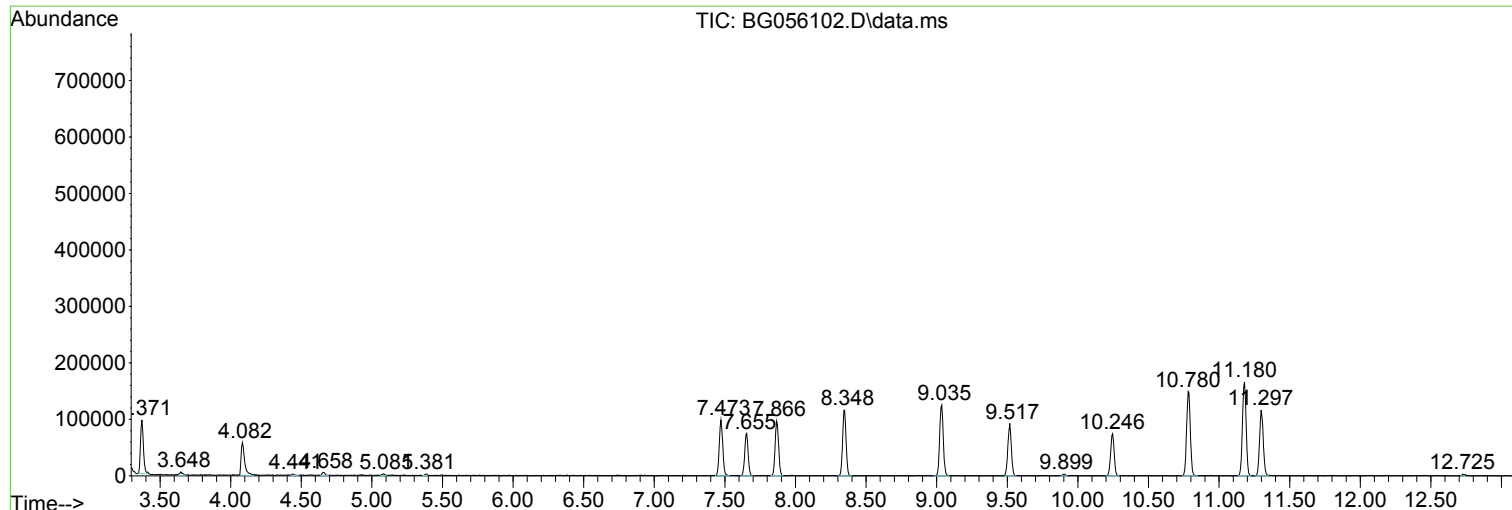
Sum of corrected areas: 12491250

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

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



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Operator : CG/JU
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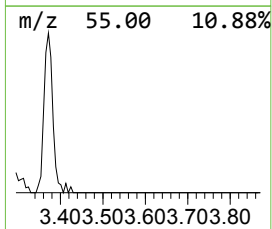
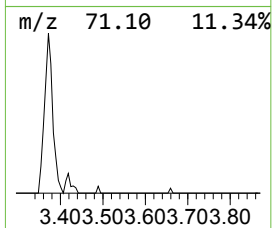
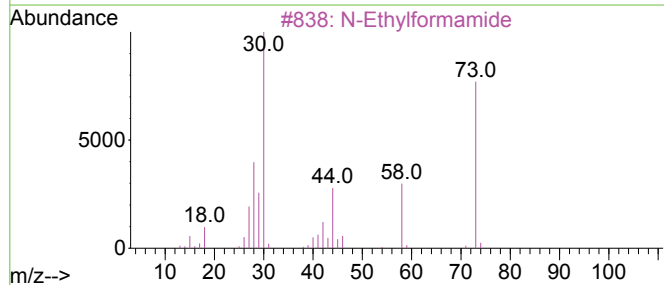
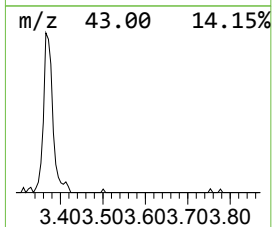
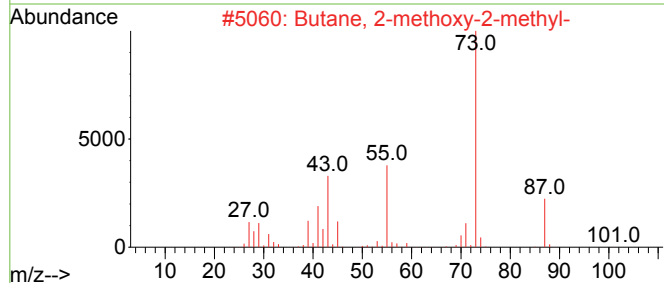
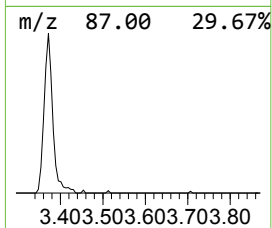
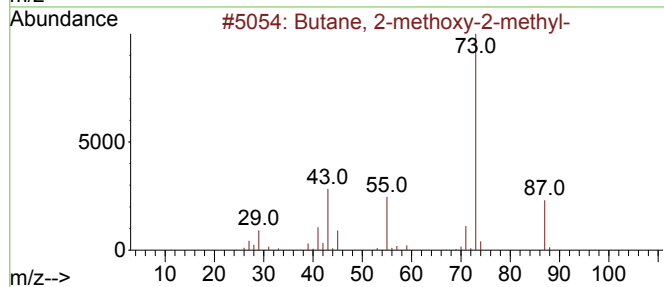
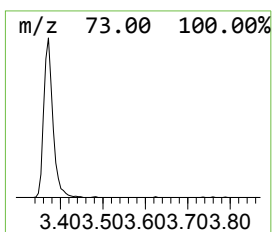
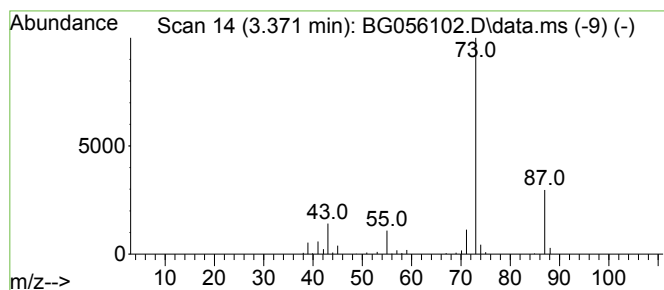
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.371	13.21 ng/ul	132931	1,4-Dichlorobenzene-d4	8.342

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			3-Methoxy-3-methylbutyl acetate	160	C8H16O3	1010430-01-2	9
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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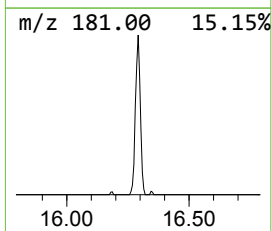
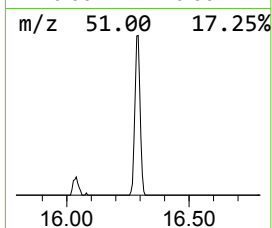
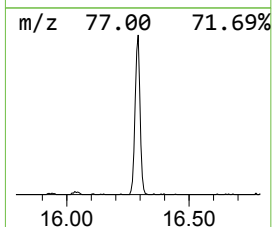
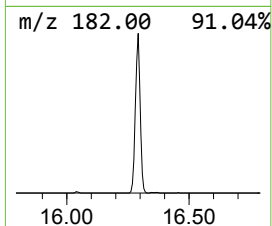
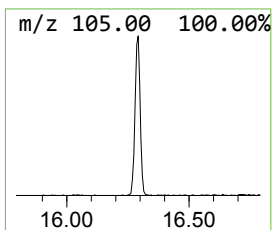
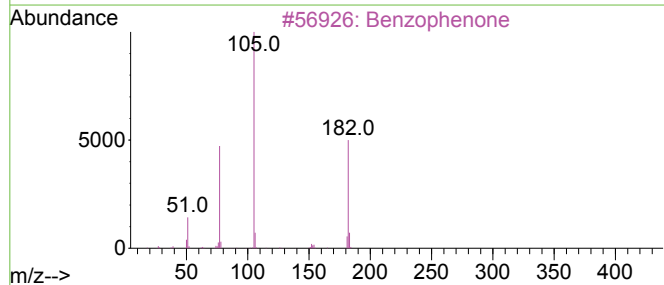
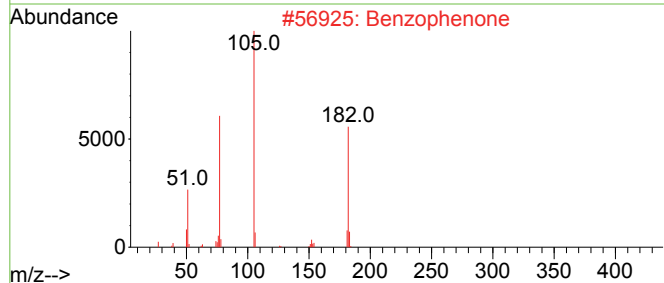
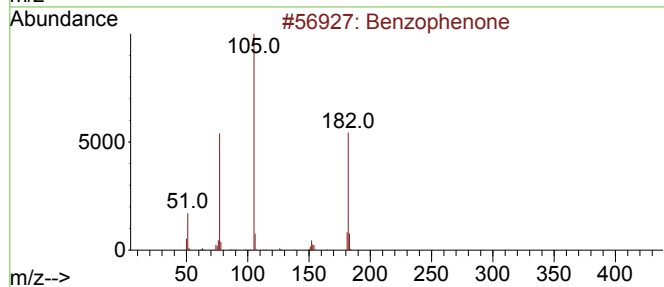
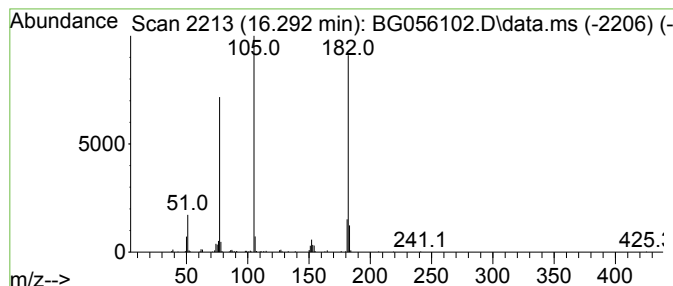
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.292	12.28 ng/ul	343652	Acenaphthene-d10	14.952

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			Benzophenone	182	C13H10O	000119-61-9	94
3			Benzophenone	182	C13H10O	000119-61-9	81
4			Benzophenone	182	C13H10O	000119-61-9	47
5			5-Benzoyl-10,11-dihydro-10-oxo-5...	313	C21H15NO2	1000287-22-5	35



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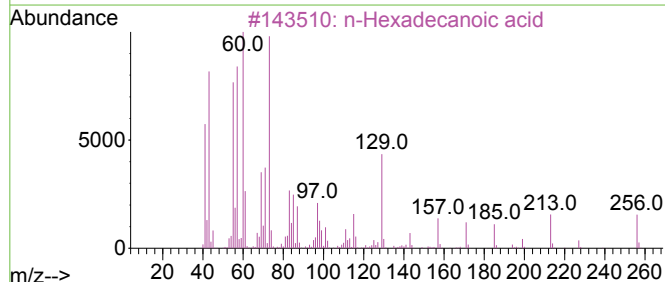
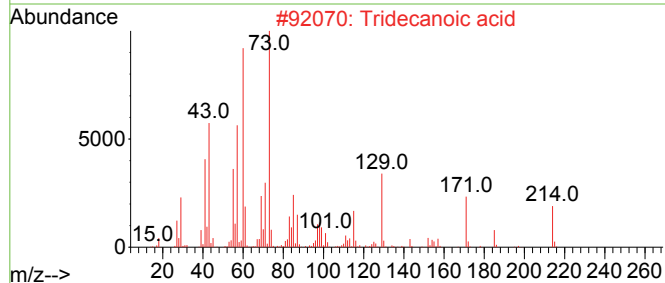
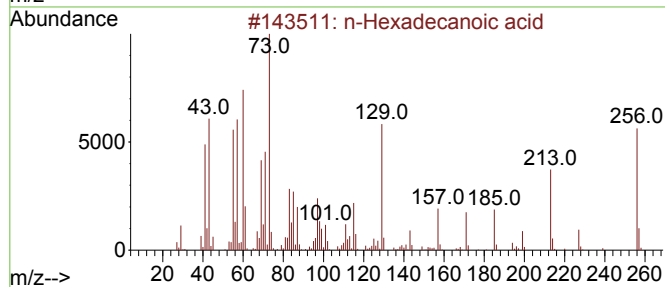
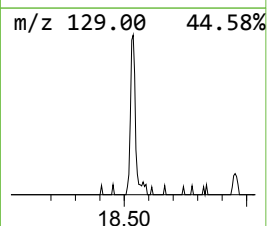
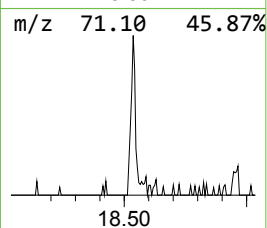
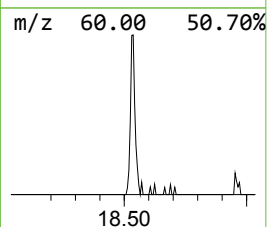
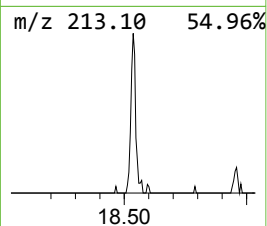
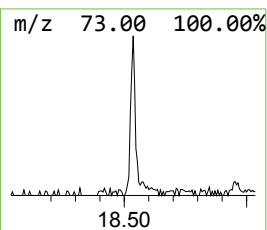
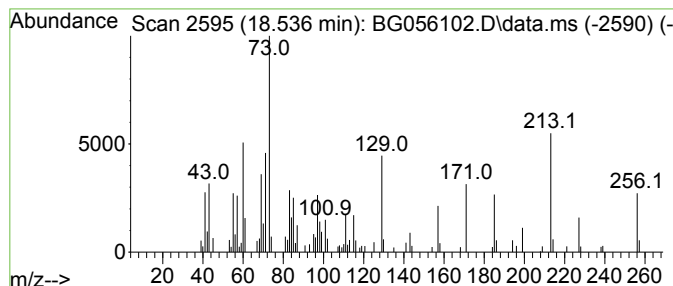
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.536	2.50 ng/ul	98729	Phenanthrene-d10	17.690

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2			Tridecanoic acid	214	C13H26O2	000638-53-9	55
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
4			Dodecanoic acid	200	C12H24O2	000143-07-7	43
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056102.D
Acq On : 24 Dec 2022 23:54
Operator : CG/JU
Sample : N6017-03
Misc :
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ClientSampleId :
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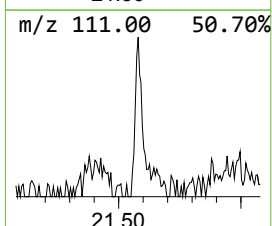
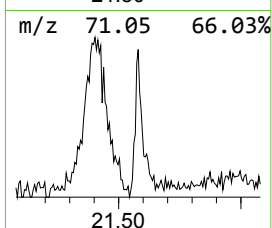
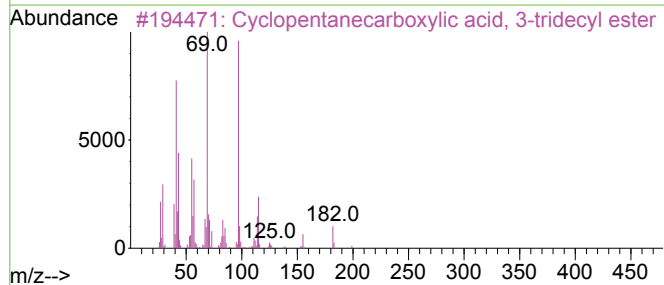
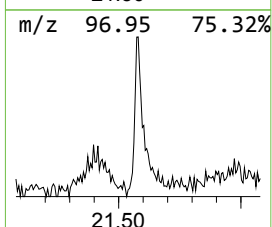
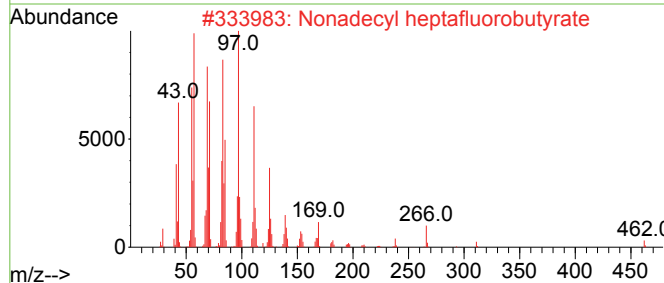
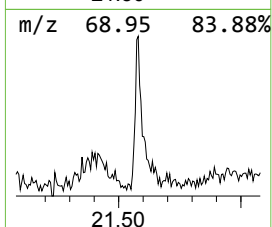
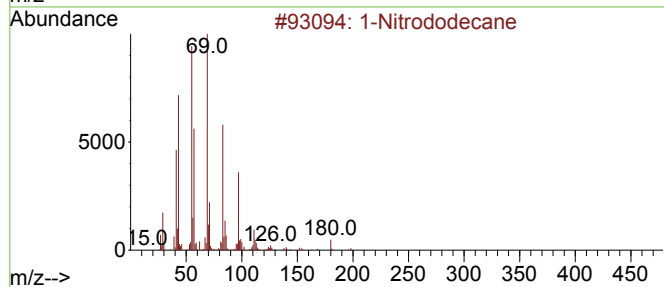
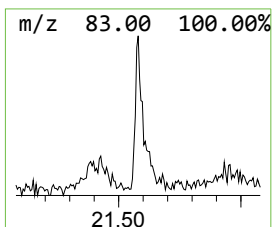
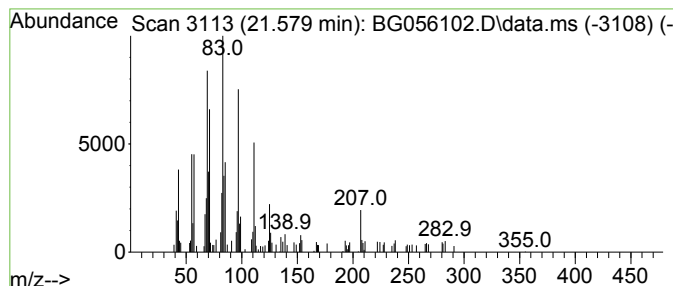
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Nitrododecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.579	2.64 ng/ul	120166	Chrysene-d12	21.991

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nitrododecane	215	C12H25NO2	016891-99-9	53
2			Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	43
3			Cyclopentanecarboxylic acid, 3-t...	296	C19H36O2	1000280-58-5	35
4			Cyclopentanecarboxylic acid, 2-p...	324	C21H40O2	1010280-59-0	35
5			Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056102.D
Acq On : 24 Dec 2022 23:54
Operator : CG/JU
Sample : N6017-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYF0

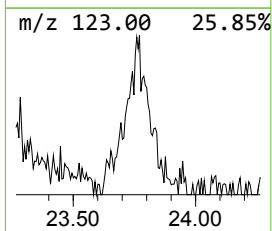
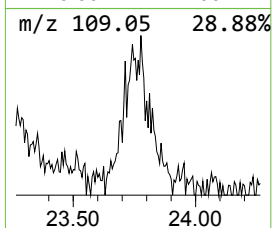
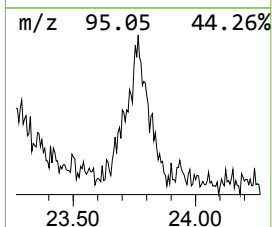
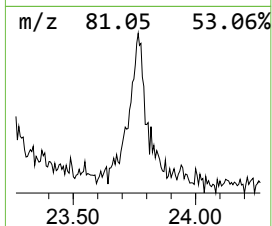
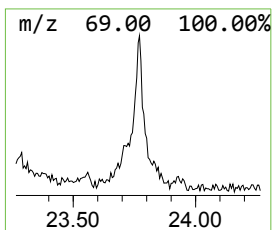
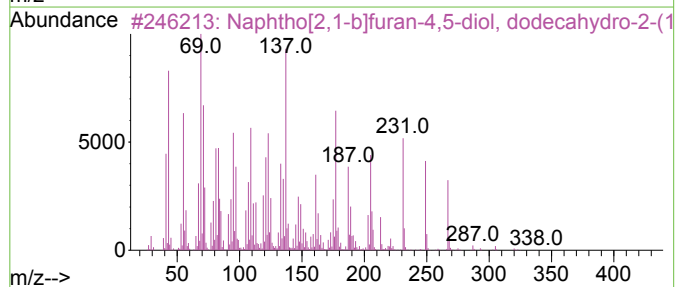
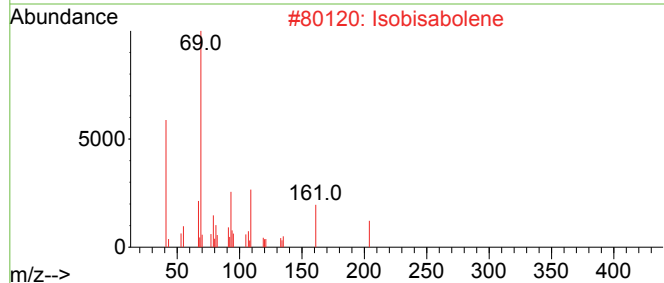
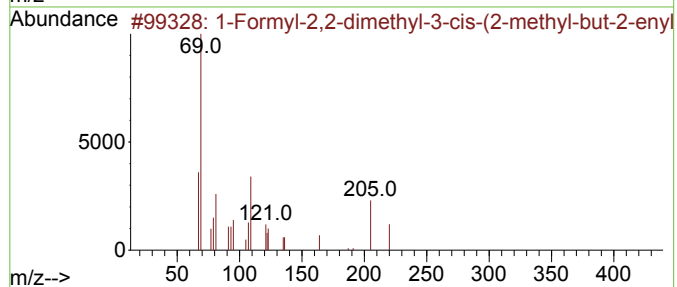
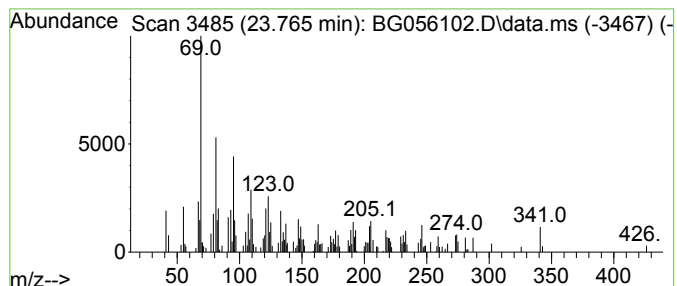
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.765	10.34 ng/ul	501062	Perylene-d12	25.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Formyl-2,2-dimethyl-3-cis-(2-m...	220	C15H24O	1000144-10-0	43
2			Isobisabolene	204	C15H24	1000424-85-5	43
3			Naphtho[2,1-b]furan-4,5-diol, do...	338	C20H34O4	1379769-85-3	42
4			3-Cyclohexene-1-methanol, .alpha...	222	C15H26O	023178-88-3	38
5			2-Hydroxyphenol bis(trifluoroact...	302	C10H4F6O4	023529-06-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
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Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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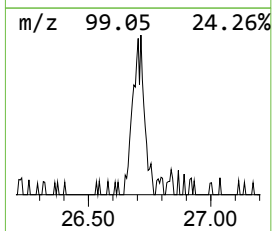
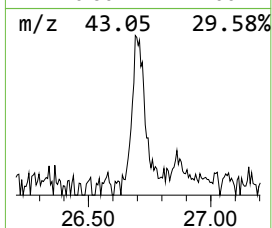
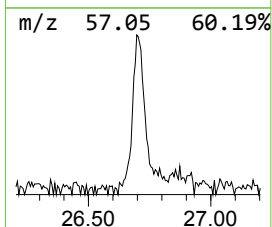
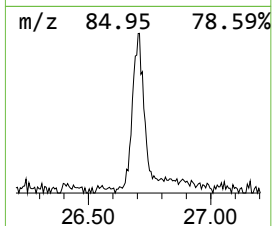
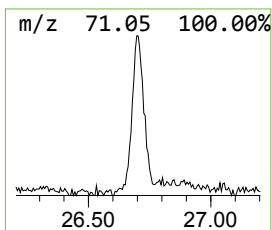
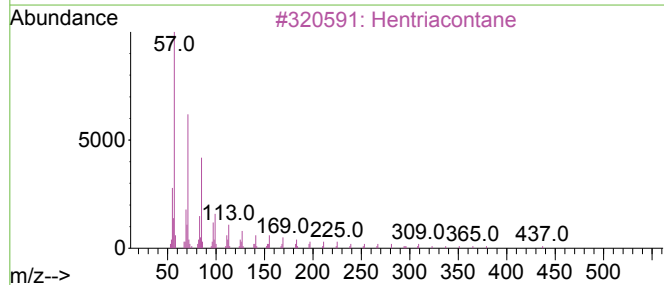
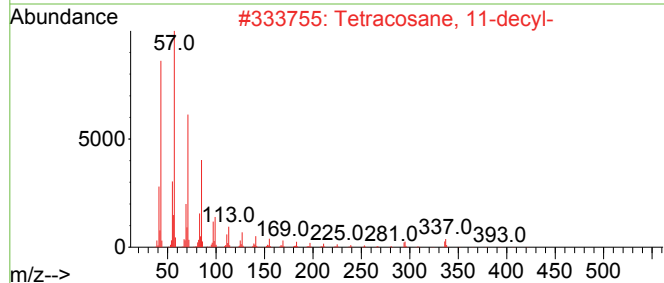
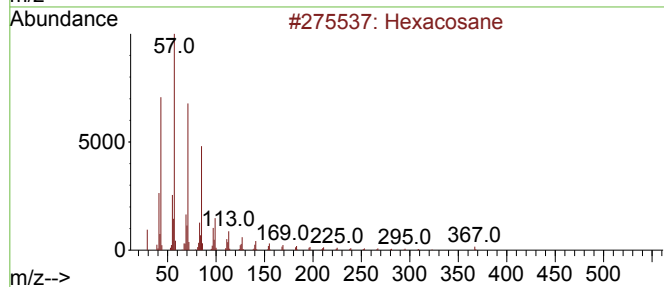
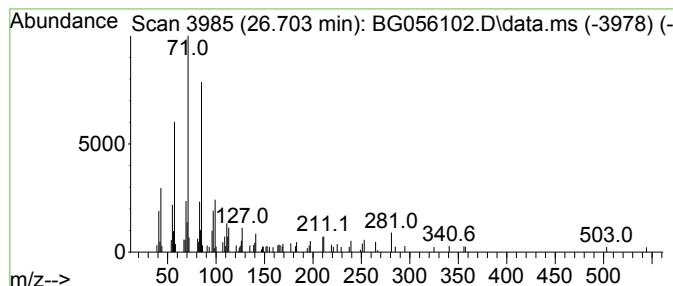
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.703	2.71 ng/ul	131525	Perylene-d12	25.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexacosane	366	C26H54	000630-01-3	80
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
3		Hentriacontane	437	C31H64	000630-04-6	80
4		Hentriacontane	437	C31H64	000630-04-6	80
5		Tetracosane	338	C24H50	000646-31-1	80



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYF0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.371	13.2	ng/ul	132931	1	8.342	201279	20.0
Benzophenone	16.292	12.3	ng/ul	343652	3	14.952	559702	20.0
n-Hexadecanoic ...	18.536	2.5	ng/ul	98729	4	17.690	788699	20.0
1-Nitrododecane	21.579	2.6	ng/ul	120166	5	21.991	911311	20.0
unknown-01	23.765	10.3	ng/ul	501062	6	25.457	969606	20.0
(DEL) Alkane: S...	26.703	2.7	ng/ul	131525	6	25.457	969606	20.0