

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058332.D
 Acq On : 19 Jul 2023 18:05
 Operator : CG/JU
 Sample : 03444-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46R6

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-BG071723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG058332.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.149	6	10	24	rVB	153386	280074	13.33%	1.287%
2	3.337	39	42	51	rVB2	17977	29927	1.42%	0.138%
3	3.749	107	112	127	rBV	223622	380198	18.10%	1.748%
4	3.860	127	131	139	rVV	16155	27464	1.31%	0.126%
5	3.931	141	143	147	rVV4	3805	4824	0.23%	0.022%
6	3.989	149	153	157	rVB4	3199	5077	0.24%	0.023%
7	4.089	166	170	173	rVB4	3753	5329	0.25%	0.024%
8	4.307	203	207	211	rBV5	2055	2621	0.12%	0.012%
9	4.636	259	263	267	rVB5	1980	3343	0.16%	0.015%
10	4.994	321	324	327	rBV4	2125	3327	0.16%	0.015%
11	5.082	335	339	341	rBV4	3365	4437	0.21%	0.020%
12	5.787	457	459	463	rVB5	2275	2825	0.13%	0.013%
13	6.528	581	585	590	rVB4	3671	6359	0.30%	0.029%
14	7.062	667	676	693	rBV	294643	530270	25.24%	2.437%
15	7.227	696	704	713	rBV	224957	378486	18.01%	1.740%
16	7.427	730	738	752	rBV	270297	471027	22.42%	2.165%
17	7.897	811	818	826	rBV	161470	276183	13.15%	1.269%
18	8.214	865	872	878	rBV	3270	4724	0.22%	0.022%
19	8.602	931	938	954	rBV	275099	494406	23.53%	2.273%
20	9.060	1007	1016	1028	rBV	273662	505694	24.07%	2.324%
21	9.219	1040	1043	1048	rVB4	1738	2785	0.13%	0.013%
22	9.777	1131	1138	1150	rBV	228514	422645	20.12%	1.943%
23	10.317	1223	1230	1241	rBV	357964	653565	31.11%	3.004%
24	10.699	1287	1295	1307	rBV	253416	455753	21.69%	2.095%
25	10.834	1310	1318	1334	rBV	323442	624654	29.73%	2.871%
26	12.286	1559	1565	1572	rBV2	6890	10968	0.52%	0.050%
27	13.355	1743	1747	1750	rVB4	2492	3566	0.17%	0.016%
28	13.414	1752	1757	1763	rVV2	4374	7171	0.34%	0.033%
29	13.937	1839	1846	1853	rBV	720774	1035389	49.28%	4.759%
30	14.125	1873	1878	1882	rVB2	1506	2221	0.11%	0.010%
31	14.230	1889	1896	1907	rBV	787017	1274501	60.66%	5.858%
32	14.418	1923	1928	1936	rVB4	4591	8633	0.41%	0.040%
33	14.536	1941	1948	1958	rBV	459042	724643	34.49%	3.331%
34	14.736	1975	1982	1998	rBV	255546	474465	22.58%	2.181%
35	14.888	2006	2008	2014	rVB4	4382	5976	0.28%	0.027%
36	14.947	2014	2018	2022	rVV6	4044	6525	0.31%	0.030%

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37	15.312	2076	2080	2084	rBV4	1444	2444	0.12%	0.011%
38	15.376	2087	2091	2093	rVB3	3277	4264	0.20%	0.020%
39	15.529	2107	2117	2124	rBV	1077940	1668556	79.42%	7.670%
40	15.582	2124	2126	2131	rVB2	6167	6224	0.30%	0.029%
41	15.646	2131	2137	2146	rBV	325340	478485	22.77%	2.199%
42	15.764	2153	2157	2164	rVB4	4913	8705	0.41%	0.040%
43	15.887	2172	2178	2185	rVV	144810	211013	10.04%	0.970%
44	16.222	2227	2235	2240	rBV	21103	36242	1.72%	0.167%
45	16.451	2269	2274	2279	rVB2	13693	18284	0.87%	0.084%
46	16.639	2300	2306	2310	rBV4	1362	2744	0.13%	0.013%
47	16.810	2331	2335	2342	rBV2	13744	19278	0.92%	0.089%
48	17.156	2388	2394	2396	rBV3	2510	3389	0.16%	0.016%
49	17.280	2408	2415	2425	rBV	628206	960035	45.69%	4.413%
50	17.380	2425	2432	2440	rVV	1032390	1638257	77.97%	7.530%
51	17.456	2443	2445	2451	rVB5	7143	10883	0.52%	0.050%
52	17.662	2472	2480	2481	rBV7	2406	3864	0.18%	0.018%
53	17.885	2515	2518	2521	rVB4	1857	2226	0.11%	0.010%
54	17.938	2524	2527	2531	rVB3	2706	3929	0.19%	0.018%
55	18.161	2558	2565	2575	rBV	137552	218129	10.38%	1.003%
56	18.455	2611	2615	2618	rBV4	2096	3016	0.14%	0.014%
57	18.502	2620	2623	2625	rBV3	2533	3204	0.15%	0.015%
58	18.661	2646	2650	2653	rVB3	8194	10514	0.50%	0.048%
59	18.849	2678	2682	2683	rBV3	1755	2605	0.12%	0.012%
60	19.060	2715	2718	2719	rBV3	2738	2501	0.12%	0.011%
61	19.078	2719	2721	2726	rVB5	3963	4614	0.22%	0.021%
62	19.230	2743	2747	2752	rVV2	17646	26441	1.26%	0.122%
63	19.301	2755	2759	2762	rBV	20827	32627	1.55%	0.150%
64	19.336	2762	2765	2770	rVB	13740	17335	0.83%	0.080%
65	19.436	2778	2782	2789	rBV3	23241	35858	1.71%	0.165%
66	19.583	2802	2807	2811	rVB7	5072	8080	0.38%	0.037%
67	19.665	2815	2821	2833	rBV2	1377706	2074898	98.76%	9.537%
68	19.759	2835	2837	2841	rVB5	3278	3980	0.19%	0.018%
69	20.165	2904	2906	2907	rBV2	3034	2804	0.13%	0.013%
70	20.194	2907	2911	2917	rVB3	11160	16295	0.78%	0.075%
71	20.335	2933	2935	2940	rBV5	2259	3335	0.16%	0.015%
72	20.617	2980	2983	2986	rBV5	8061	9134	0.43%	0.042%
73	20.682	2990	2994	2998	rBV4	16066	19838	0.94%	0.091%
74	21.116	3065	3068	3070	rBV3	4901	6874	0.33%	0.032%
75	21.175	3073	3078	3090	rBV2	97633	228347	10.87%	1.050%
76	21.410	3116	3118	3124	rVB6	7906	10396	0.49%	0.048%

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77	21.528	3131	3138	3151	rBV2	589834	980565	46.67%	4.507%
78	21.704	3164	3168	3174	rVB3	24010	31174	1.48%	0.143%
79	22.292	3264	3268	3274	rVB	27280	39933	1.90%	0.184%
80	22.961	3377	3382	3394	rVB3	34352	70100	3.34%	0.322%
81	23.255	3430	3432	3434	rBV3	4505	4254	0.20%	0.020%
82	23.655	3497	3500	3503	rBV5	6180	9103	0.43%	0.042%
83	23.737	3508	3514	3521	rVB2	37067	77959	3.71%	0.358%
84	24.454	3624	3636	3656	rVB2	736202	2101041	100.00%	9.658%
85	24.659	3660	3671	3687	rBV	408704	1159629	55.19%	5.330%
86	25.740	3848	3855	3863	rBV3	35010	94469	4.50%	0.434%
87	27.051	4068	4078	4089	rVB4	31046	110692	5.27%	0.509%
88	28.625	4337	4346	4361	rVB7	24548	97004	4.62%	0.446%
89	30.511	4659	4667	4668	rBV8	15349	29637	1.41%	0.136%

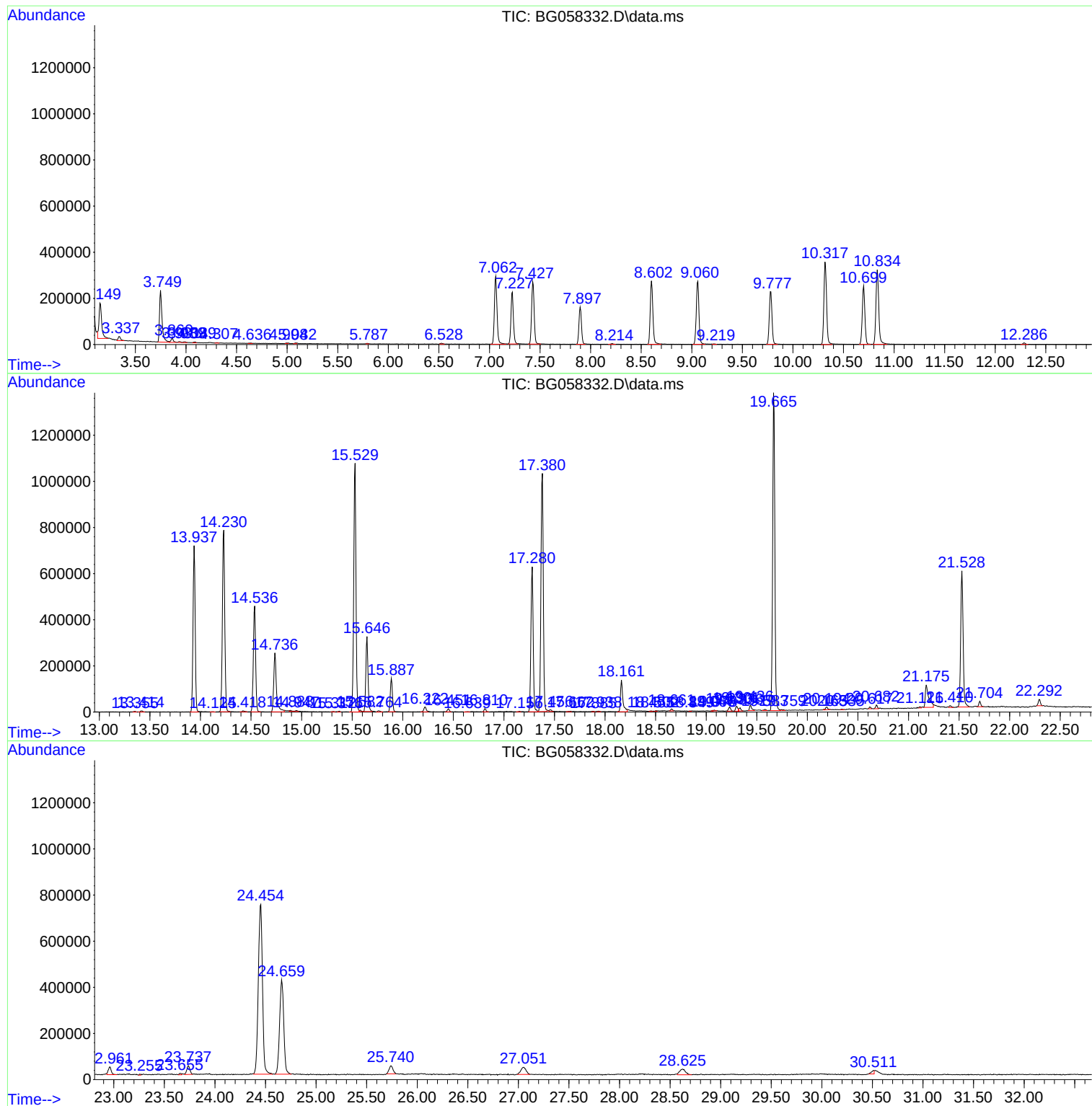
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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



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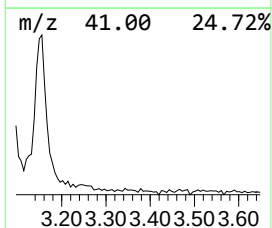
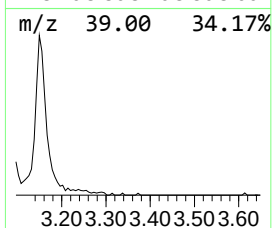
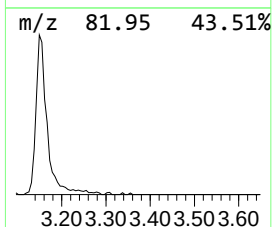
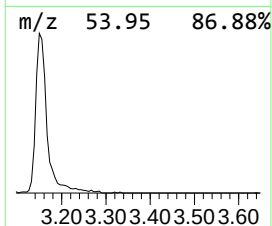
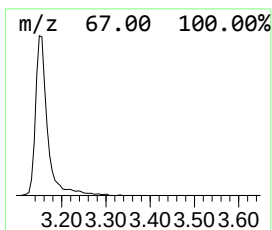
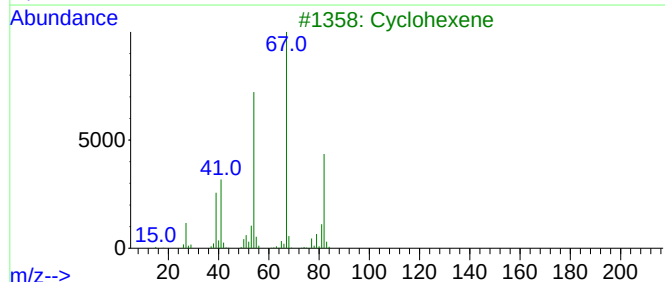
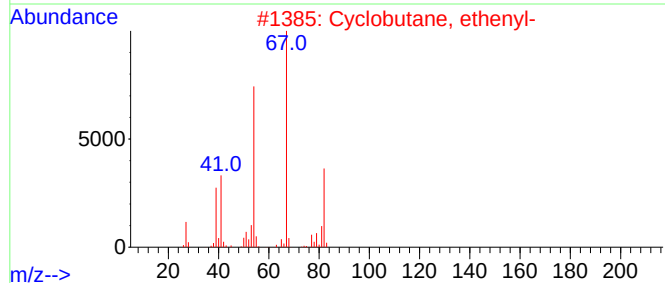
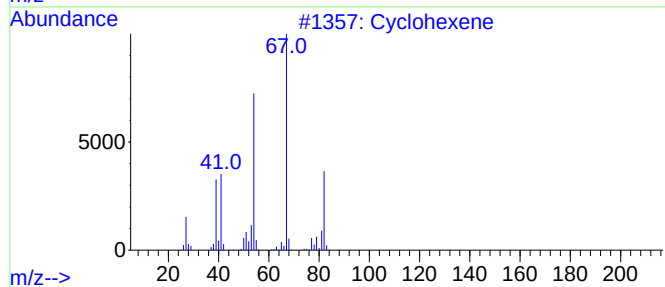
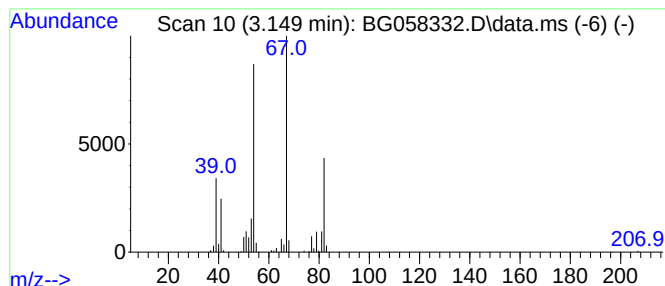
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.149	20.28 ng/ul	280074	1,4-Dichlorobenzene-d4	7.897

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene	82	C6H10	000110-83-8	91
2			Cyclobutane, ethenyl-	82	C6H10	002597-49-1	91
3			Cyclohexene	82	C6H10	000110-83-8	91
4			Cyclohexene	82	C6H10	000110-83-8	91
5			Ethylidenecyclobutane	82	C6H10	001528-21-8	42



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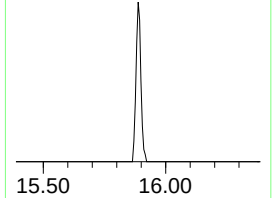
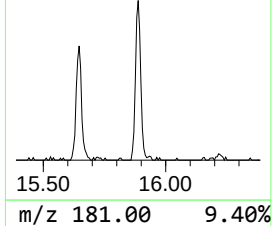
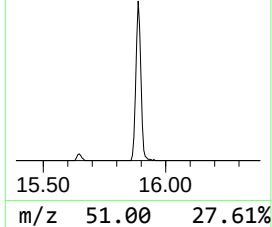
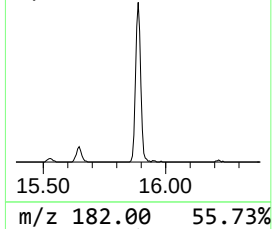
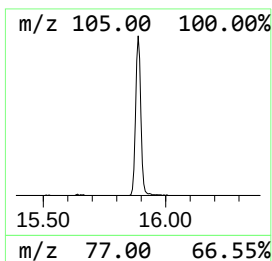
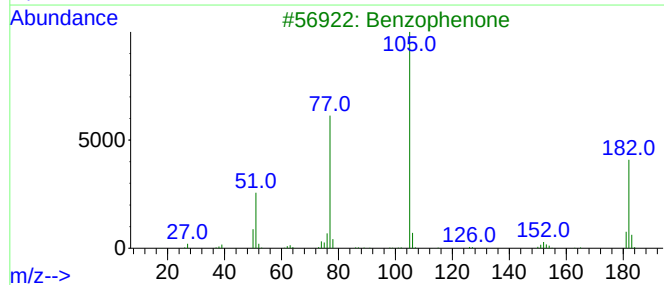
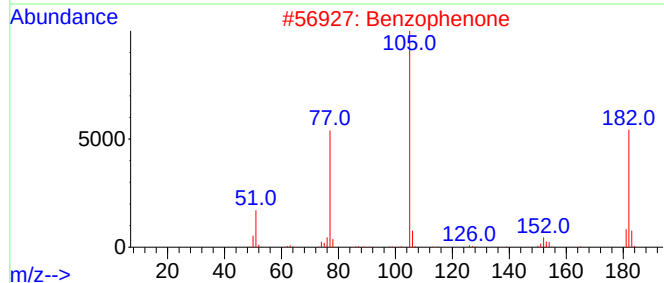
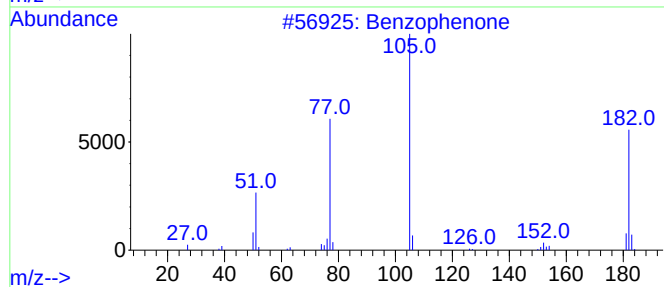
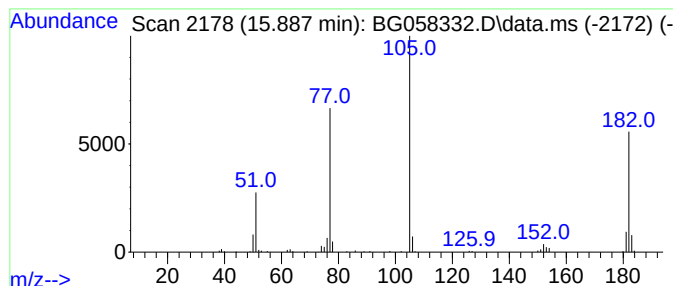
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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.
15.887	5.82 ng/ul	211013	Acenaphthene-d10	14.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	90
5			Azobenzene	182	C12H10N2	000103-33-3	59



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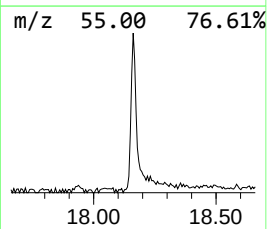
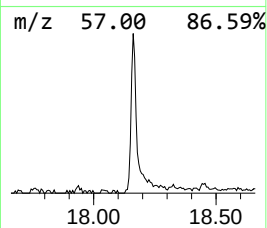
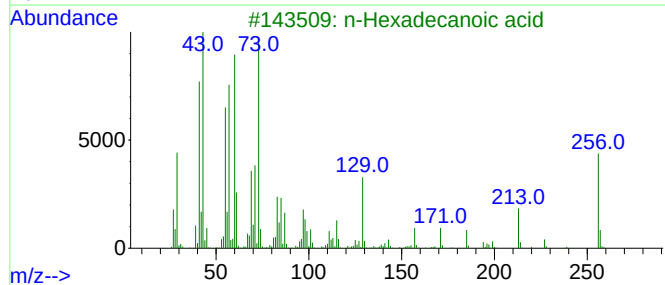
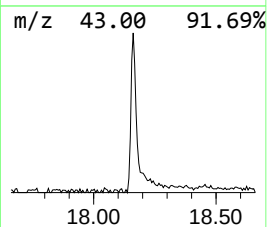
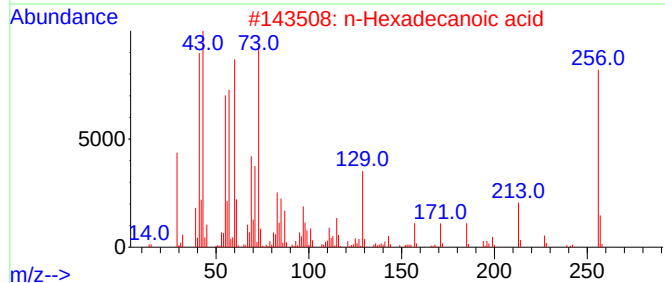
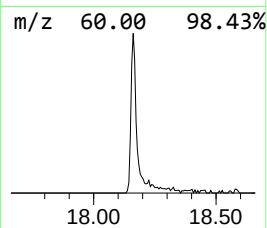
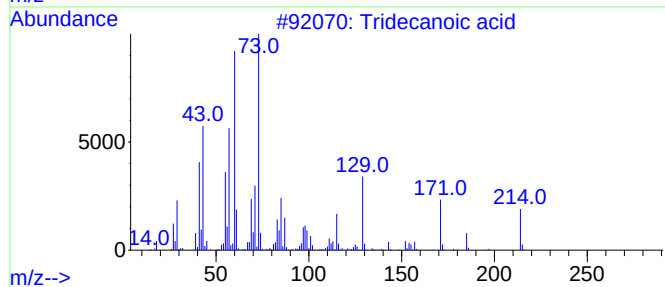
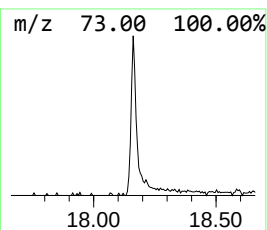
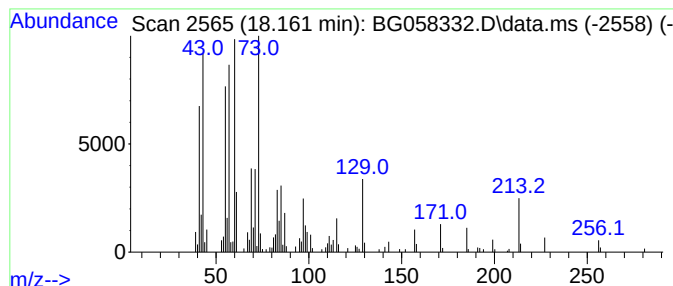
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.161	4.54 ng/ul	218129	Phenanthrene-d10	17.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	89
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



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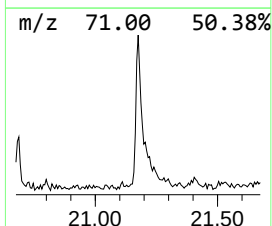
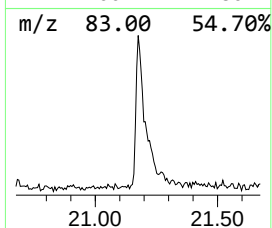
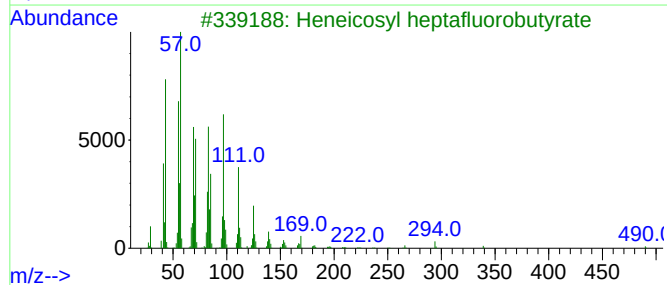
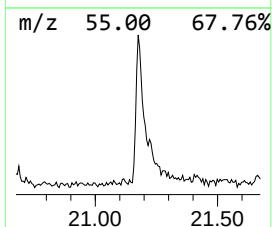
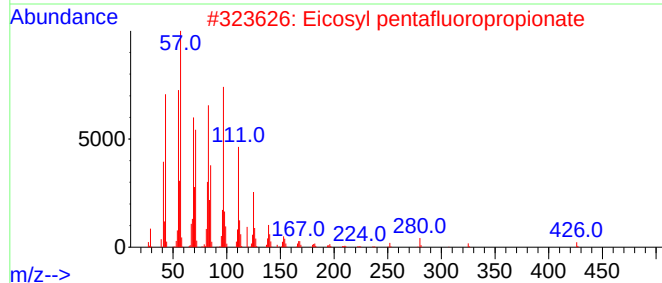
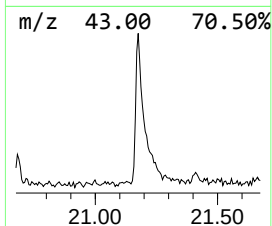
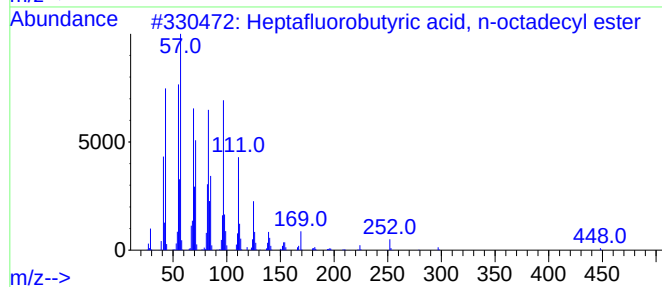
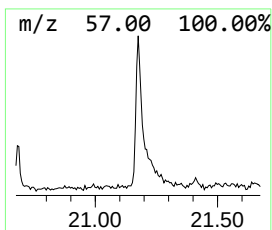
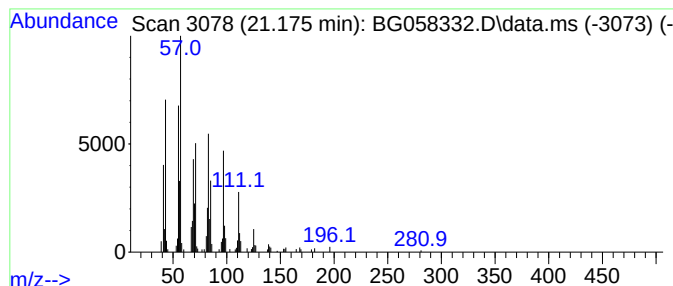
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.175	4.66 ng/ul	228347	Chrysene-d12	21.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2			Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
3			Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
4			Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
5			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058332.D
Acq On : 19 Jul 2023 18:05
Operator : CG/JU
Sample : 03444-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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
Cyclohexene	3.149	20.3	ng/ul	280074	1	7.897	276183	20.0
Benzophenone	15.887	5.8	ng/ul	211013	3	14.536	724643	20.0
Tridecanoic acid	18.161	4.5	ng/ul	218129	4	17.280	960035	20.0
Heptafluorobuty...	21.175	4.7	ng/ul	228347	5	21.528	980565	20.0