

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
 Data File : BG049361.D
 Acq On : 15 Jul 2021 14:04
 Operator : CG/JU
 Sample : M2971-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGE84

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-BG070921.M
 Title : SVOA CALIBRATION

Signal : TIC: BG049361.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.108	6	12	21	rBV2	65007	153074	11.89%	1.056%
2	3.190	21	26	36	rVB	58397	104757	8.14%	0.723%
3	3.460	67	72	78	rVB5	9254	17496	1.36%	0.121%
4	3.877	139	143	162	rBV	122226	239730	18.63%	1.653%
5	4.218	198	201	205	rVB4	2813	3591	0.28%	0.025%
6	5.105	349	352	355	rVB2	1221	1707	0.13%	0.012%
7	6.128	522	526	530	rVB3	1622	2367	0.18%	0.016%
8	6.803	637	641	646	rVB3	1239	2205	0.17%	0.015%
9	7.221	705	712	723	rBV	216772	381510	29.65%	2.631%
10	7.385	733	740	754	rVB2	125619	223656	17.38%	1.543%
11	7.597	768	776	784	rVB	193576	349809	27.18%	2.413%
12	7.661	786	787	790	rBV2	1941	1887	0.15%	0.013%
13	8.067	849	856	864	rBV	158579	281543	21.88%	1.942%
14	8.208	876	880	883	rBV	1667	1864	0.14%	0.013%
15	8.772	969	976	985	rBV	268372	464221	36.07%	3.202%
16	9.236	1046	1055	1064	rVB	207354	373159	29.00%	2.574%
17	9.383	1077	1080	1087	rVB4	1918	4070	0.32%	0.028%
18	9.647	1123	1125	1130	rVB3	1786	2558	0.20%	0.018%
19	9.958	1170	1178	1188	rVB2	188677	347923	27.04%	2.400%
20	10.499	1263	1270	1280	rBV	260981	490335	38.10%	3.382%
21	10.646	1288	1295	1303	rBV2	35994	66762	5.19%	0.460%
22	10.881	1328	1335	1345	rVB	212192	394017	30.62%	2.718%
23	11.016	1351	1358	1370	rBV	239312	437863	34.02%	3.020%
24	12.467	1600	1605	1612	rBV2	4431	7430	0.58%	0.051%
25	13.061	1703	1706	1711	rBV3	3121	4832	0.38%	0.033%
26	13.313	1744	1749	1754	rVB2	3671	4856	0.38%	0.033%
27	13.525	1781	1785	1786	rBV2	2391	2131	0.17%	0.015%
28	13.601	1794	1798	1800	rBV	1947	1939	0.15%	0.013%
29	14.107	1878	1884	1891	rBV	478400	733288	56.98%	5.058%
30	14.154	1891	1892	1896	rVB2	2325	2411	0.19%	0.017%
31	14.342	1921	1924	1925	rBV2	3243	3063	0.24%	0.021%
32	14.406	1928	1935	1944	rVV	503007	786778	61.14%	5.426%
33	14.494	1945	1950	1953	rVB2	2149	3424	0.27%	0.024%
34	14.712	1980	1987	1994	rVB	346063	551248	42.84%	3.802%
35	14.906	2013	2020	2035	rBV	209756	355081	27.59%	2.449%
36	15.540	2124	2128	2133	rVB2	2863	4841	0.38%	0.033%

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37	15.705	2148	2156	2163	rBV	646030	989679	76.90%	6.826%
38	15.816	2169	2175	2183	rBV	204136	309569	24.06%	2.135%
39	15.946	2192	2197	2203	rVB5	9204	13408	1.04%	0.092%
40	16.051	2211	2215	2218	rBV4	1636	2316	0.18%	0.016%
41	16.380	2265	2271	2273	rBV2	3248	5032	0.39%	0.035%
42	16.410	2273	2276	2279	rVB3	3105	4201	0.33%	0.029%
43	16.486	2284	2289	2295	rVB3	10936	15759	1.22%	0.109%
44	16.592	2304	2307	2311	rVB2	3117	3876	0.30%	0.027%
45	16.686	2319	2323	2328	rBV4	4627	7523	0.58%	0.052%
46	16.815	2342	2345	2346	rBV2	2050	2171	0.17%	0.015%
47	16.845	2346	2350	2354	rVB4	8196	11974	0.93%	0.083%
48	16.909	2357	2361	2366	rVV4	3529	6385	0.50%	0.044%
49	16.986	2370	2374	2376	rBV5	2956	3481	0.27%	0.024%
50	17.156	2397	2403	2405	rBV3	2008	3648	0.28%	0.025%
51	17.191	2405	2409	2417	rVV4	12357	21592	1.68%	0.149%
52	17.356	2433	2437	2440	rBV2	2123	2876	0.22%	0.020%
53	17.461	2448	2455	2462	rBV	453581	676713	52.59%	4.667%
54	17.561	2462	2472	2484	rVB	722970	1119389	86.98%	7.720%
55	17.761	2501	2506	2510	rBV5	2965	5407	0.42%	0.037%
56	17.990	2543	2545	2549	rVB3	2013	1882	0.15%	0.013%
57	18.114	2562	2566	2571	rBV4	4423	6227	0.48%	0.043%
58	18.243	2584	2588	2594	rVB5	3781	8091	0.63%	0.056%
59	18.337	2601	2604	2612	rBV2	30975	43581	3.39%	0.301%
60	18.413	2615	2617	2622	rVV3	4792	5176	0.40%	0.036%
61	18.466	2624	2626	2629	rBV4	2138	2034	0.16%	0.014%
62	18.689	2661	2664	2667	rVB4	2417	2523	0.20%	0.017%
63	19.107	2733	2735	2739	rVB4	2469	2742	0.21%	0.019%
64	19.195	2746	2750	2756	rVB5	4785	7271	0.57%	0.050%
65	19.253	2758	2760	2762	rBV3	2613	2691	0.21%	0.019%
66	19.406	2783	2786	2790	rVB4	8291	11213	0.87%	0.077%
67	19.483	2795	2799	2807	rVB2	11803	16042	1.25%	0.111%
68	19.606	2817	2820	2824	rBV3	8418	10642	0.83%	0.073%
69	19.765	2844	2847	2850	rVB4	3691	4020	0.31%	0.028%
70	19.847	2853	2861	2867	rBV	894121	1260036	97.91%	8.691%
71	20.082	2899	2901	2903	rVB3	2768	2023	0.16%	0.014%
72	20.740	3009	3013	3018	rBV6	10807	16122	1.25%	0.111%
73	20.816	3023	3026	3029	rBV3	20785	25489	1.98%	0.176%
74	21.051	3064	3066	3070	rVB5	5561	4695	0.36%	0.032%
75	21.098	3071	3074	3079	rVB7	9844	12214	0.95%	0.084%
76	21.369	3116	3120	3127	rBV2	72101	118460	9.21%	0.817%

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77	21.433	3127	3131	3139	rVB7	35118	53810	4.18%	0.371%
78	21.745	3177	3184	3191	rVB2	430552	732380	56.91%	5.051%
79	24.812	3694	3706	3719	rVB2	458023	1286890	100.00%	8.876%
80	25.029	3734	3743	3756	rVB2	264690	788825	61.30%	5.441%
81	26.222	3938	3946	3956	rVB5	20705	59410	4.62%	0.410%
82	30.840	4730	4732	4734	rBV3	4253	2063	0.16%	0.014%

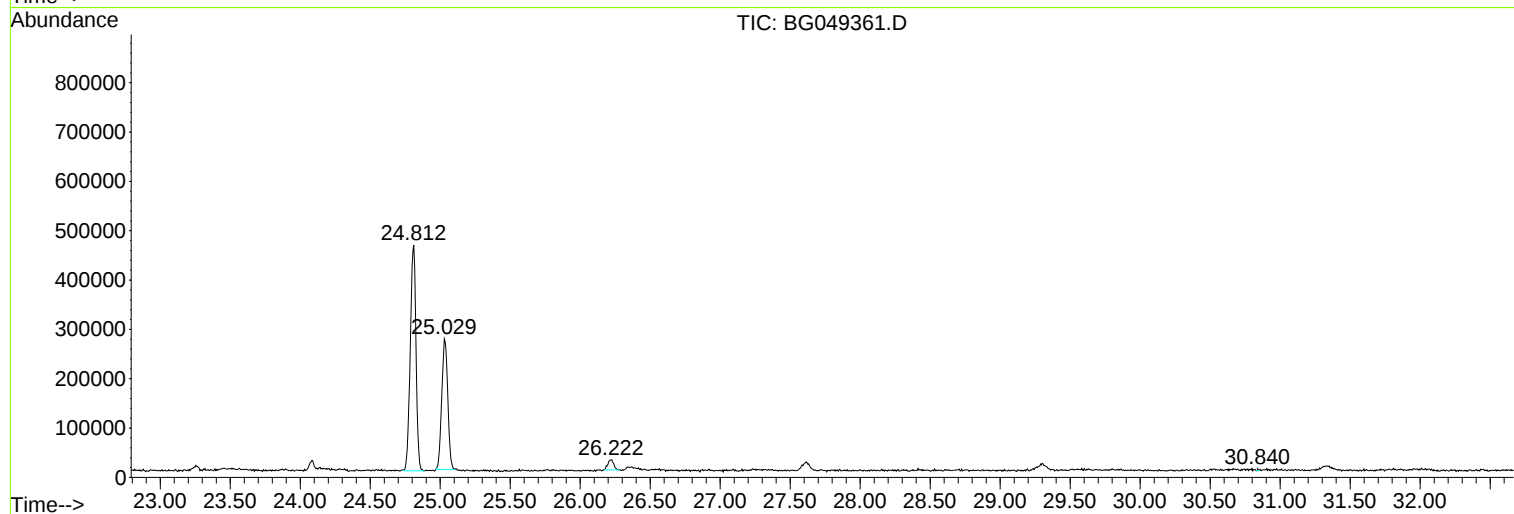
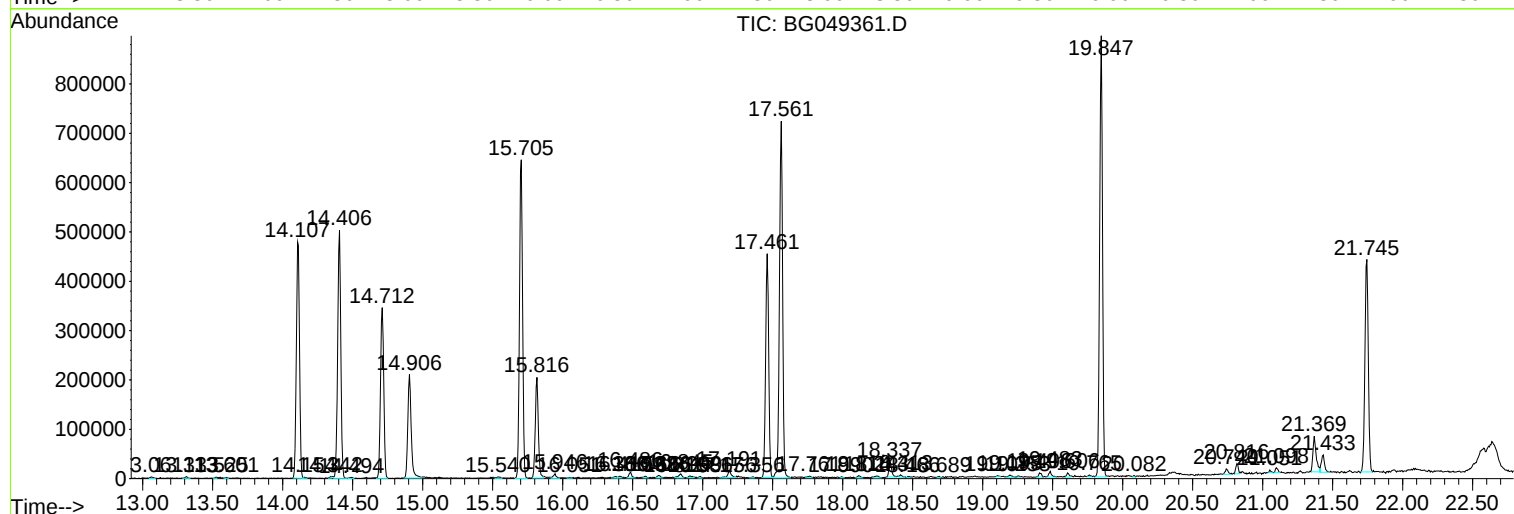
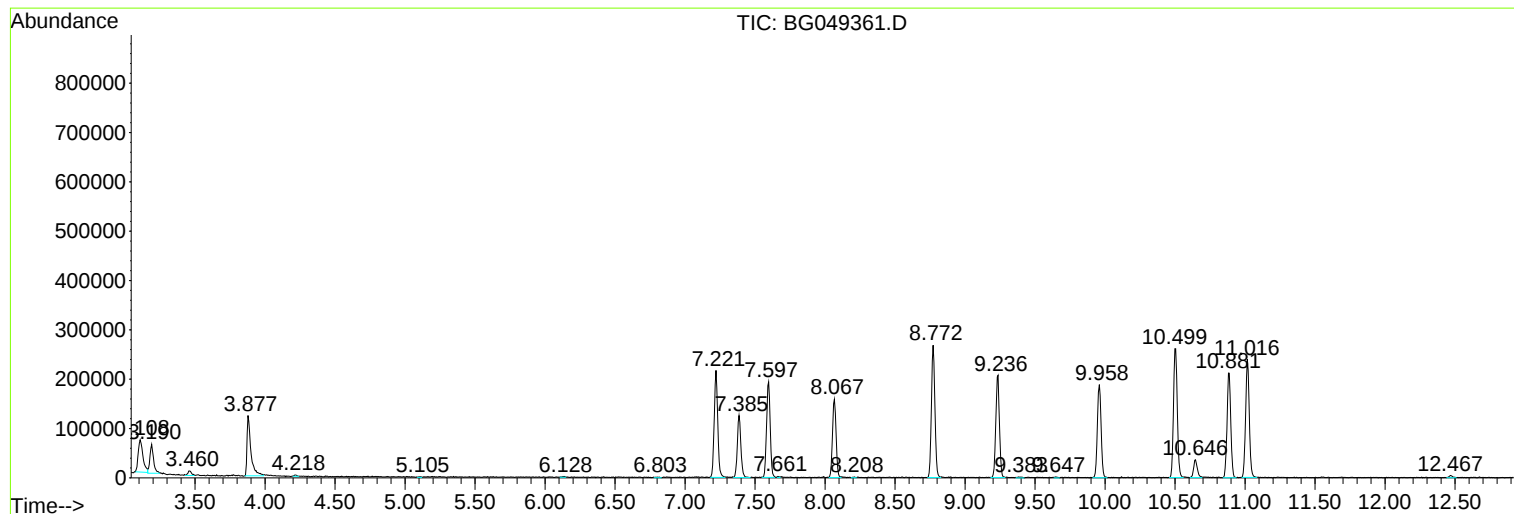
Sum of corrected areas: 14498977

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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



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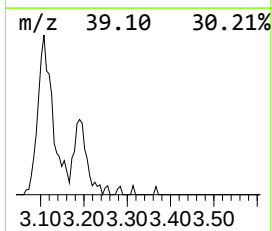
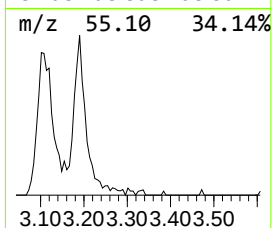
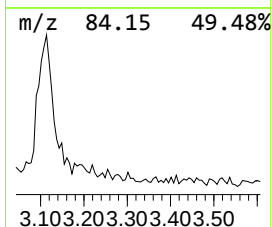
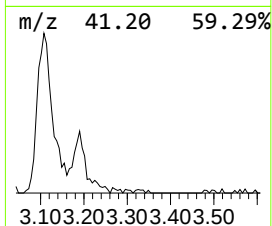
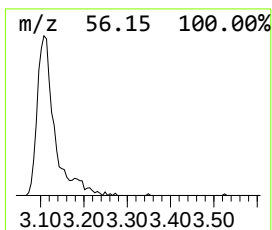
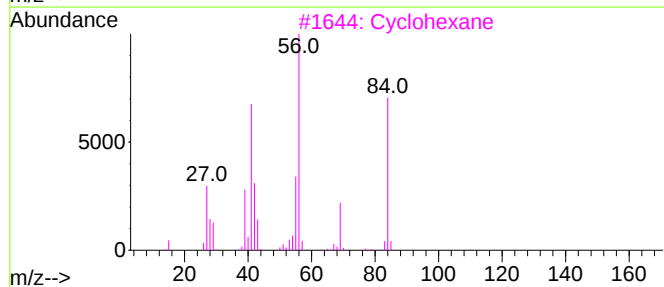
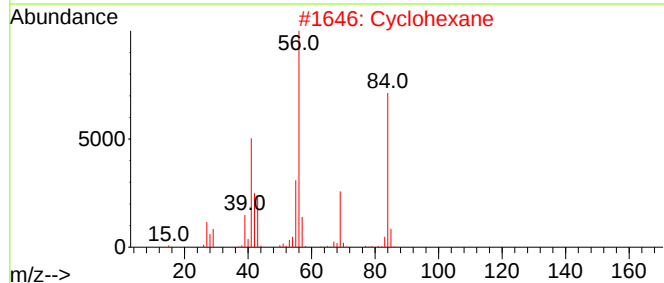
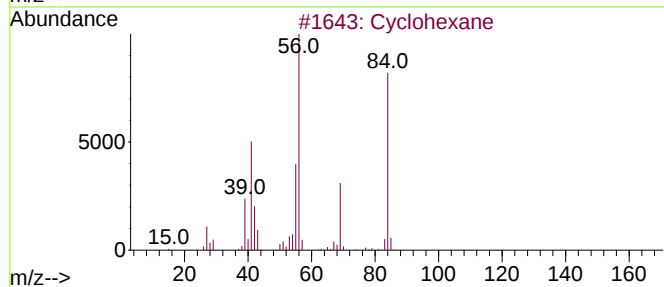
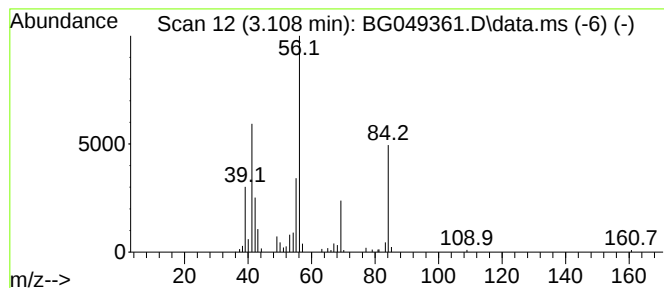
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	10.87 ng/ul	153074	1,4-Dichlorobenzene-d4	8.067

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	91
2			Cyclohexane	84	C6H12	000110-82-7	90
3			Cyclohexane	84	C6H12	000110-82-7	87
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50



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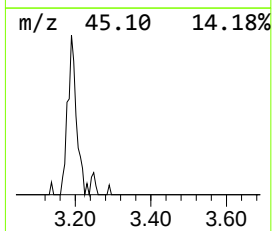
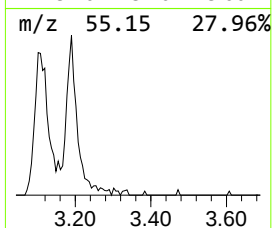
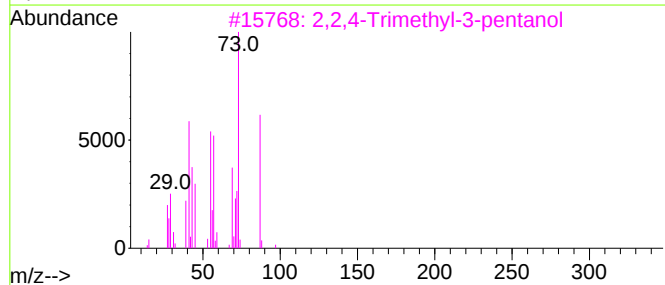
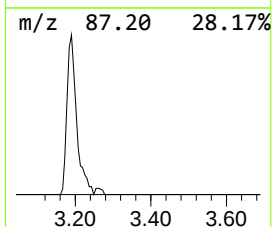
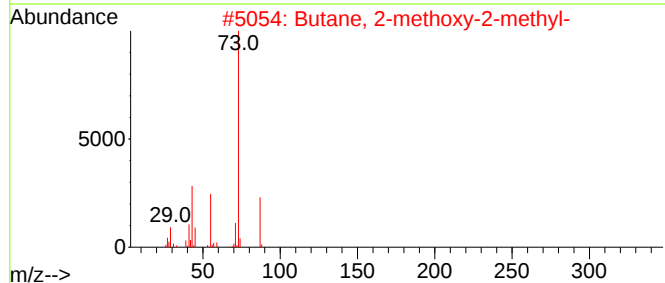
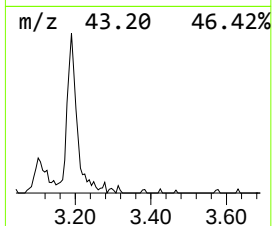
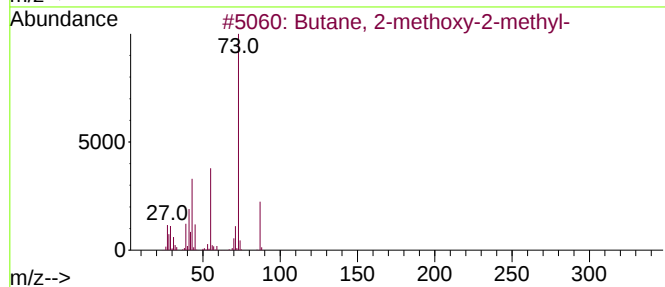
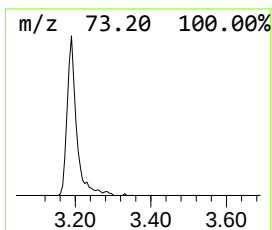
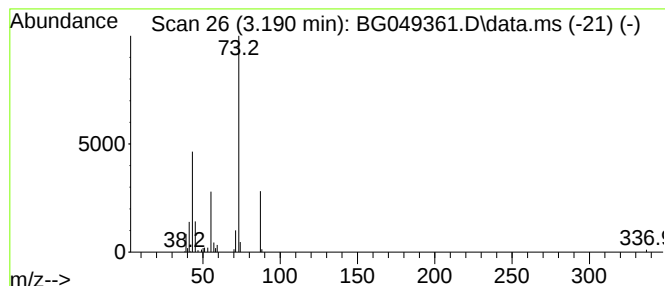
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	7.44 ng/ul	104757	1,4-Dichlorobenzene-d4	8.067

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38



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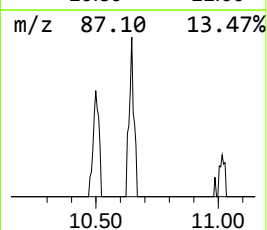
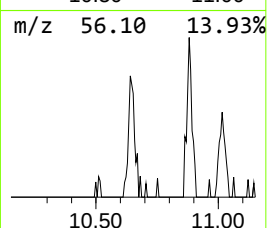
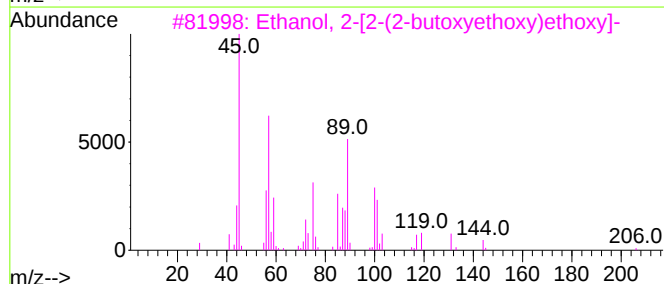
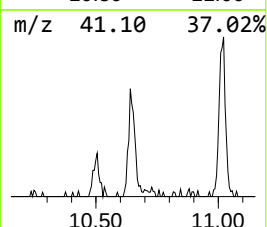
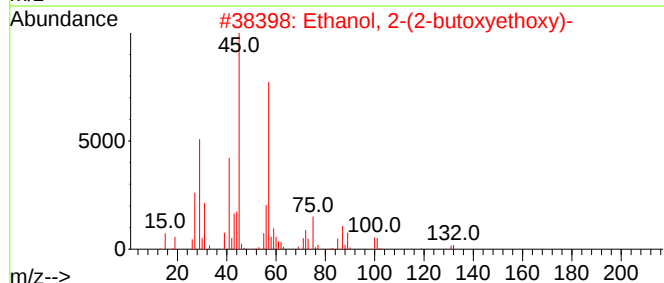
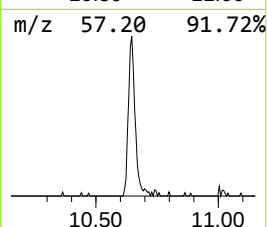
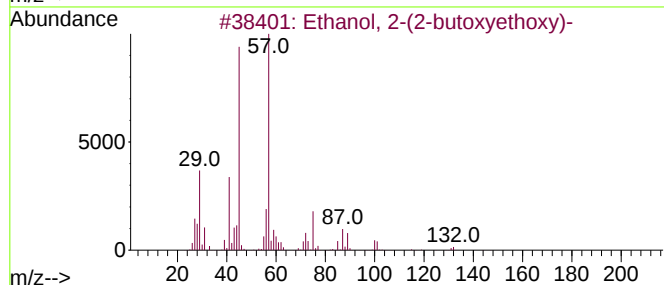
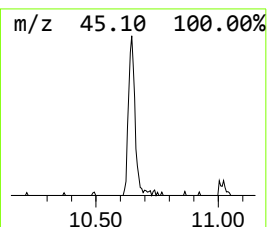
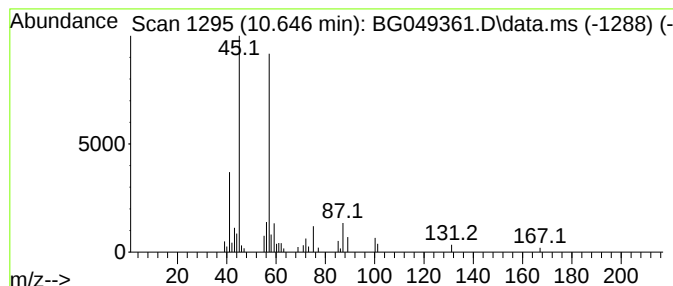
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.650	3.39 ng/ul	66762	Naphthalene-d8	10.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
3			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
4			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
5			Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	59



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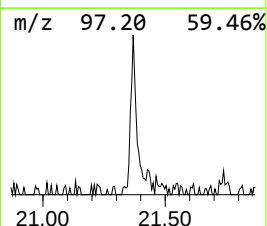
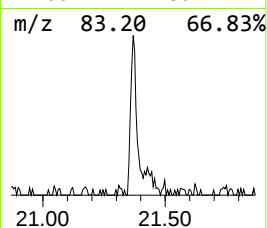
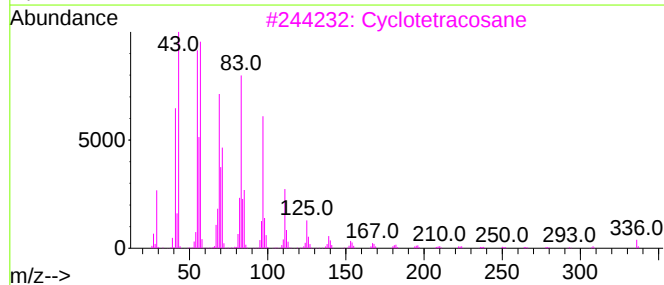
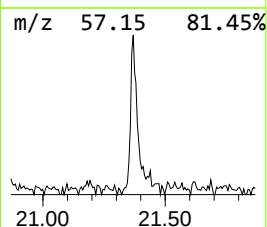
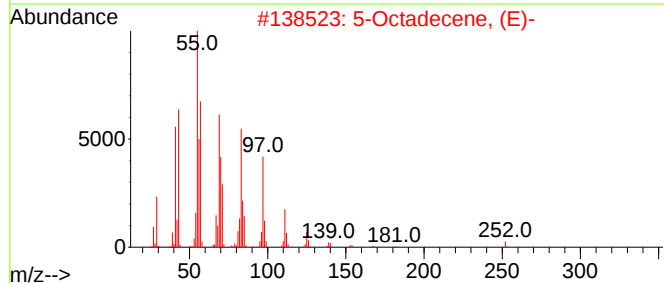
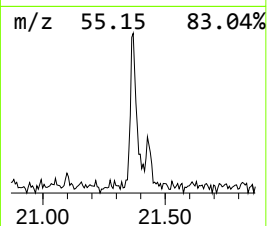
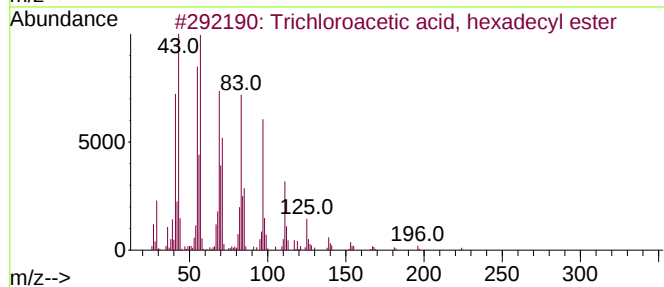
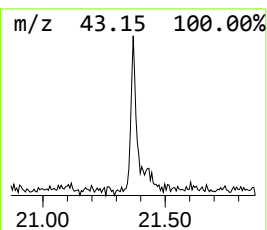
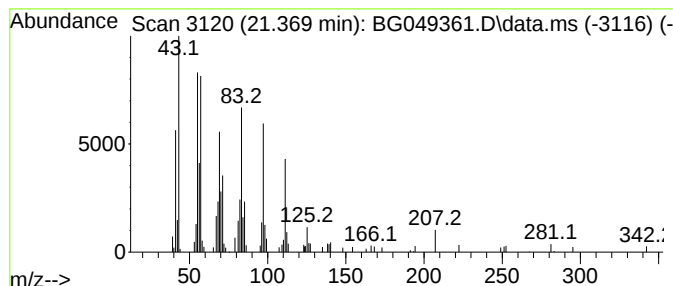
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.370	3.23 ng/ul	118460	Chrysene-d12	21.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
2			5-Octadecene, (E)-	252	C18H36	007206-21-5	83
3			Cyclotetracosane	336	C24H48	000297-03-0	81
4			1-Docosene	308	C22H44	001599-67-3	81
5			1-Tricosene	322	C23H46	018835-32-0	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049361.D
Acq On : 15 Jul 2021 14:04
Operator : CG/JU
Sample : M2971-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE84

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.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
(DEL) Alkane: C...	3.110	10.9	ng/ul	153074	1	8.067	281543	20.0
Butane, 2-metho...	3.190	7.4	ng/ul	104757	1	8.067	281543	20.0
Ethanol, 2-(2-b...	10.650	3.4	ng/ul	66762	2	10.887	394017	20.0
Trichloroacetic...	21.370	3.2	ng/ul	118460	5	21.745	732380	20.0