

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051223.D
 Acq On : 24 Nov 2021 23:00
 Operator : CG/JU
 Sample : M4725-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4L01

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-BG112321.M
 Title : SVOA CALIBRATION

Signal : TIC: BG051224.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.537	4	8	16	rVV	7698	12041	1.24%	0.125%
2	3.831	55	58	73	rVB	2872	7239	0.74%	0.075%
3	3.978	79	83	93	rBV	12928	25380	2.60%	0.264%
4	4.195	117	120	127	rVV2	2368	4781	0.49%	0.050%
5	4.313	137	140	146	rVB3	1778	2976	0.31%	0.031%
6	7.362	653	659	670	rVB	40163	75583	7.76%	0.786%
7	7.515	677	685	694	rBV	112395	192376	19.74%	2.001%
8	7.732	714	722	731	rBV	114915	202864	20.82%	2.110%
9	7.791	731	732	736	rVB2	1397	1237	0.13%	0.013%
10	8.197	794	801	812	rBV	110274	193986	19.91%	2.017%
11	8.913	917	923	932	rBV	101311	183898	18.87%	1.912%
12	9.377	993	1002	1012	rBV	146249	266537	27.35%	2.772%
13	9.518	1025	1026	1032	rVB4	1006	1265	0.13%	0.013%
14	9.718	1056	1060	1064	rVB2	2450	3058	0.31%	0.032%
15	10.100	1118	1125	1136	rVB	119892	224469	23.04%	2.334%
16	10.652	1211	1219	1231	rBV2	165979	309317	31.74%	3.217%
17	10.770	1234	1239	1253	rBV2	17616	35883	3.68%	0.373%
18	11.028	1273	1283	1291	rBV	167453	307514	31.56%	3.198%
19	11.081	1291	1292	1298	rVB	1684	1448	0.15%	0.015%
20	11.164	1298	1306	1316	rBV	56317	115471	11.85%	1.201%
21	11.293	1324	1328	1334	rVB3	2675	5139	0.53%	0.053%
22	11.593	1375	1379	1382	rVB	788	1255	0.13%	0.013%
23	11.974	1439	1444	1446	rBV4	1117	1671	0.17%	0.017%
24	12.603	1545	1551	1555	rVB	2670	4576	0.47%	0.048%
25	13.191	1650	1651	1658	rVB3	1440	1430	0.15%	0.015%
26	13.420	1687	1690	1695	rVB2	2277	2822	0.29%	0.029%
27	13.620	1718	1724	1727	rBV	2919	3738	0.38%	0.039%
28	13.696	1727	1737	1746	rVB	46104	77180	7.92%	0.803%
29	14.013	1787	1791	1795	rBV2	903	1442	0.15%	0.015%
30	14.225	1821	1827	1834	rBV	348783	510862	52.43%	5.313%
31	14.454	1860	1866	1872	rBV3	4126	9010	0.92%	0.094%
32	14.530	1872	1879	1887	rVB	392330	621695	63.80%	6.465%
33	14.689	1902	1906	1910	rVB3	2318	3187	0.33%	0.033%
34	14.748	1910	1916	1921	rBV3	1954	3637	0.37%	0.038%
35	14.830	1921	1930	1937	rBV	279996	430784	44.21%	4.480%
36	14.889	1937	1940	1946	rVB2	1391	2306	0.24%	0.024%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Title : SVOA CALIBRATION

37	15.059	1962	1969	1981	rBV2	27228	59824	6.14%	0.622%
38	15.224	1995	1997	2006	rVB4	1749	3510	0.36%	0.037%
39	15.553	2050	2053	2056	rVV3	2973	3867	0.40%	0.040%
40	15.588	2056	2059	2062	rVV	4077	5283	0.54%	0.055%

41	15.629	2062	2066	2070	rVB2	5135	7444	0.76%	0.077%
42	15.823	2091	2099	2105	rBV	520084	785790	80.64%	8.172%
43	15.876	2105	2108	2114	rVB3	5695	6690	0.69%	0.070%
44	15.952	2115	2121	2130	rBV	142331	222909	22.88%	2.318%
45	16.087	2143	2144	2149	rVV3	1114	1525	0.16%	0.016%

46	16.164	2152	2157	2158	rVV3	1805	2689	0.28%	0.028%
47	16.187	2158	2161	2164	rVB5	2108	2779	0.29%	0.029%
48	16.264	2171	2174	2179	rVB4	2233	3004	0.31%	0.031%
49	16.346	2183	2188	2191	rBV5	1689	3282	0.34%	0.034%
50	16.434	2201	2203	2207	rBV4	1302	1438	0.15%	0.015%

51	16.475	2207	2210	2211	rBV3	2568	2437	0.25%	0.025%
52	16.628	2232	2236	2240	rBV4	1348	1547	0.16%	0.016%
53	16.687	2240	2246	2252	rVB3	5645	9353	0.96%	0.097%
54	16.739	2254	2255	2257	rBV	1337	1259	0.13%	0.013%
55	16.804	2264	2266	2269	rVB3	1387	1581	0.16%	0.016%

56	16.969	2291	2294	2298	rVB4	1868	2247	0.23%	0.023%
57	17.027	2301	2304	2308	rVB4	2272	3246	0.33%	0.034%
58	17.057	2308	2309	2315	rBV3	1230	1799	0.18%	0.019%
59	17.104	2315	2317	2321	rVB6	1491	1526	0.16%	0.016%
60	17.245	2337	2341	2343	rVB3	1659	1722	0.18%	0.018%

61	17.286	2343	2348	2353	rBV3	6298	8874	0.91%	0.092%
62	17.339	2354	2357	2359	rVV4	2196	2354	0.24%	0.024%
63	17.362	2359	2361	2366	rVB4	1364	2089	0.21%	0.022%
64	17.450	2371	2376	2381	rVB4	7739	9988	1.03%	0.104%
65	17.527	2386	2389	2391	rBV2	1270	1519	0.16%	0.016%

66	17.580	2391	2398	2404	rBV	319872	489728	50.26%	5.093%
67	17.680	2408	2415	2422	rBV	569600	875593	89.86%	9.106%
68	17.832	2437	2441	2442	rBV4	2484	3007	0.31%	0.031%
69	17.938	2454	2459	2460	rBV4	2274	3618	0.37%	0.038%
70	17.985	2465	2467	2469	rVV3	2293	2076	0.21%	0.022%

71	18.026	2471	2474	2481	rVV4	1920	3566	0.37%	0.037%
72	18.091	2481	2485	2489	rVB6	2385	3497	0.36%	0.036%
73	18.208	2500	2505	2513	rVB	49751	66444	6.82%	0.691%
74	18.308	2517	2522	2523	rBV4	1367	1937	0.20%	0.020%
75	18.379	2531	2534	2536	rVB4	1551	1481	0.15%	0.015%

76	18.508	2548	2556	2559	rBV7	3470	8052	0.83%	0.084%
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 Title : SVOA CALIBRATION

77	18.643	2576	2579	2581	rBV4	1079	1251	0.13%	0.013%
78	18.719	2587	2592	2595	rBV9	2704	5726	0.59%	0.060%
79	18.813	2603	2608	2612	rBV4	3913	8170	0.84%	0.085%
80	18.884	2618	2620	2623	rVB4	1977	2212	0.23%	0.023%
81	18.919	2623	2626	2628	rBV4	1356	1765	0.18%	0.018%
82	18.966	2630	2634	2637	rBV5	2531	4896	0.50%	0.051%
83	19.031	2641	2645	2648	rBV5	5623	6558	0.67%	0.068%
84	19.160	2665	2667	2668	rBV2	2254	1551	0.16%	0.016%
85	19.178	2668	2670	2671	rBV2	2057	1742	0.18%	0.018%
86	19.284	2683	2688	2693	rBV8	4170	9305	0.95%	0.097%
87	19.336	2693	2697	2698	rVV4	7952	7516	0.77%	0.078%
88	19.366	2698	2702	2706	rVB	83738	97480	10.00%	1.014%
89	19.460	2716	2718	2720	rBV3	1856	1410	0.14%	0.015%
90	19.495	2720	2724	2736	rVV2	25264	50141	5.15%	0.521%
91	19.595	2737	2741	2745	rVB2	8708	12684	1.30%	0.132%
92	19.759	2767	2769	2773	rBV5	2241	3163	0.32%	0.033%
93	19.824	2777	2780	2786	rVV8	3787	8482	0.87%	0.088%
94	19.912	2793	2795	2796	rBV2	3808	1770	0.18%	0.018%
95	19.959	2797	2803	2812	rVB	674703	974402	100.00%	10.134%
96	21.469	3056	3060	3068	rBV10	21361	50479	5.18%	0.525%
97	21.880	3123	3130	3137	rVB	272036	475784	48.83%	4.948%
98	23.872	3467	3469	3471	rBV3	5552	3527	0.36%	0.037%
99	25.047	3659	3669	3682	rVB2	307441	912761	93.67%	9.493%
100	25.282	3699	3709	3720	rVB3	161770	504182	51.74%	5.243%

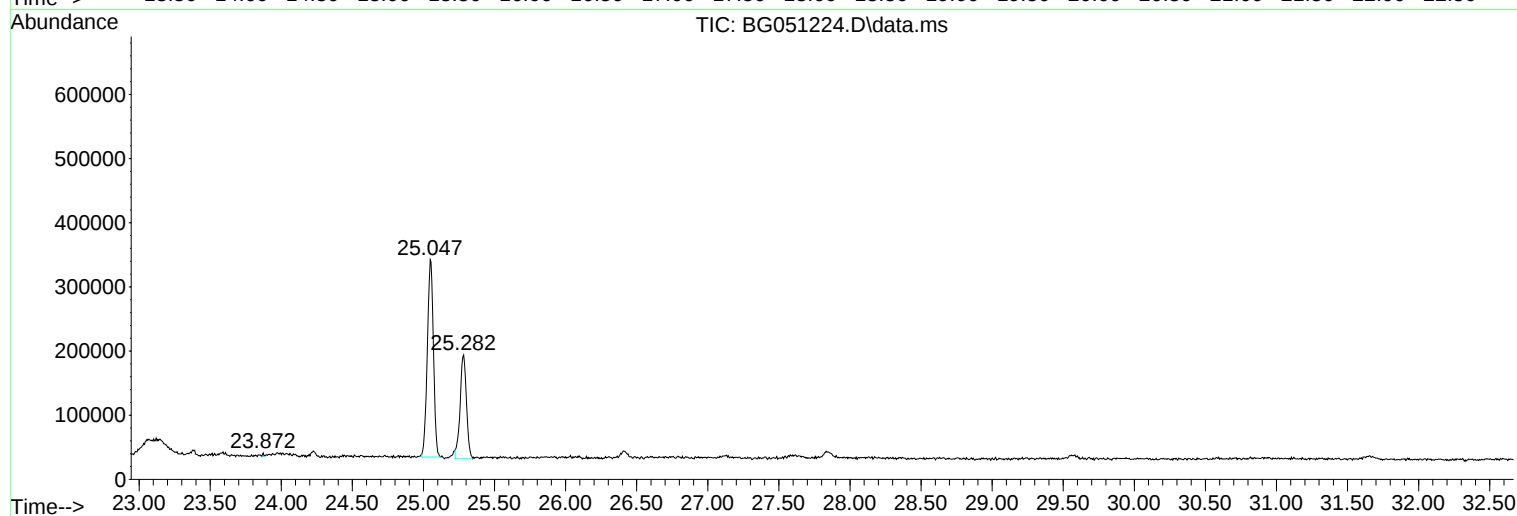
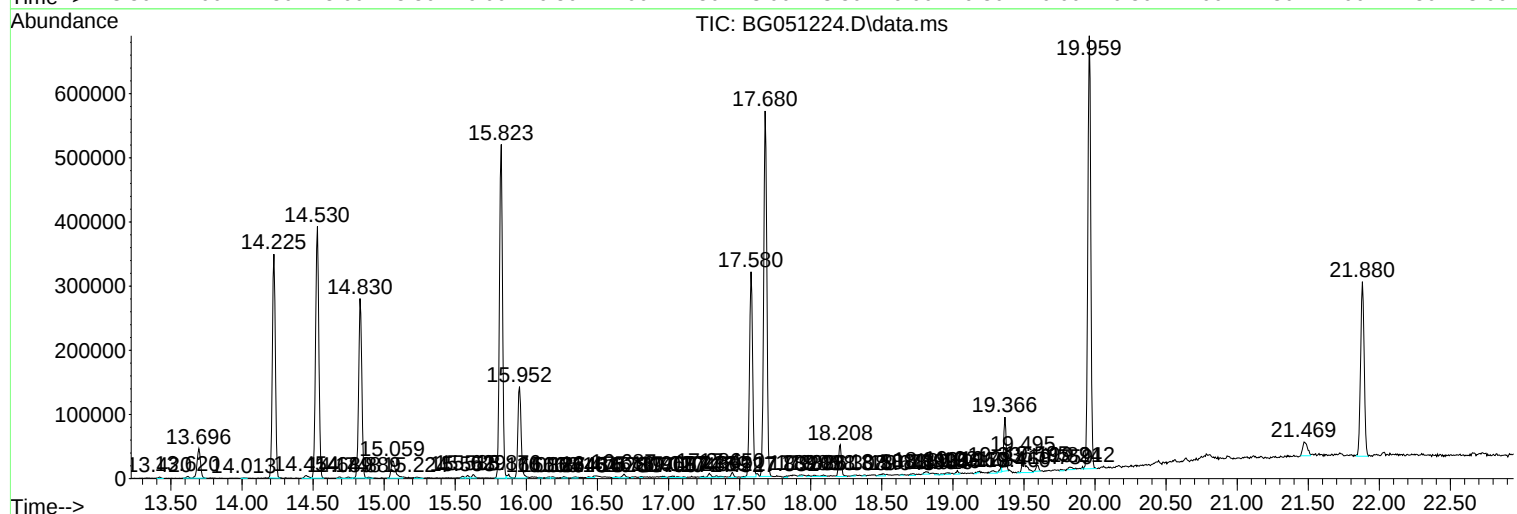
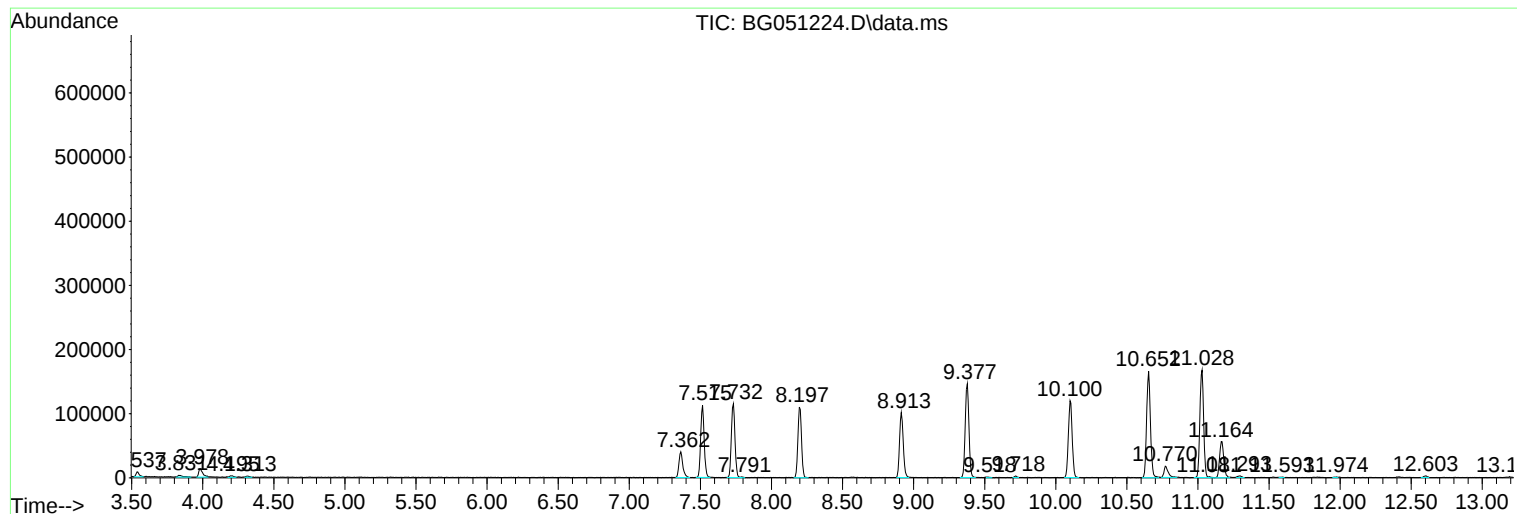
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Instrument :
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ClientSampleId :
F4L01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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



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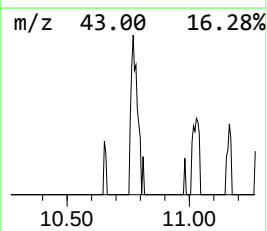
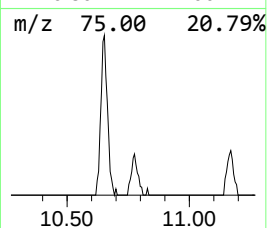
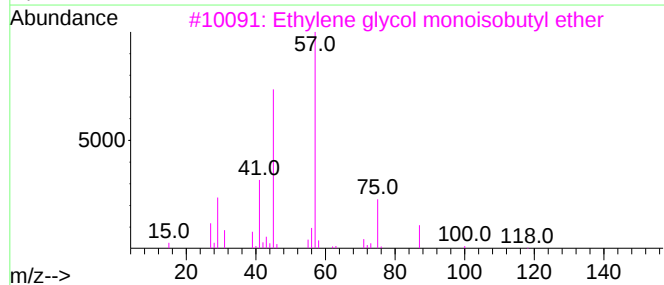
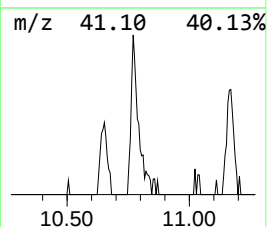
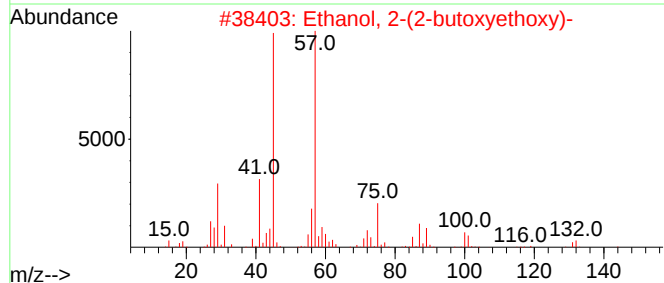
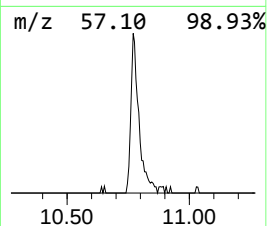
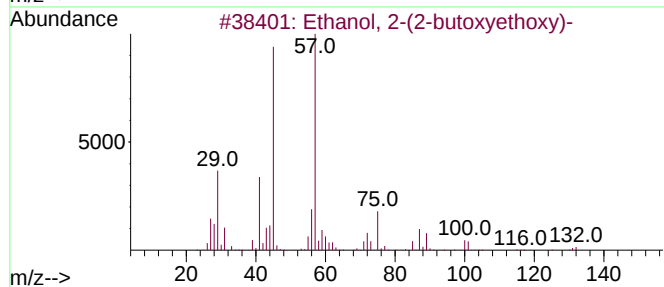
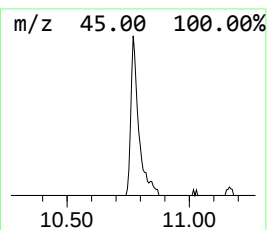
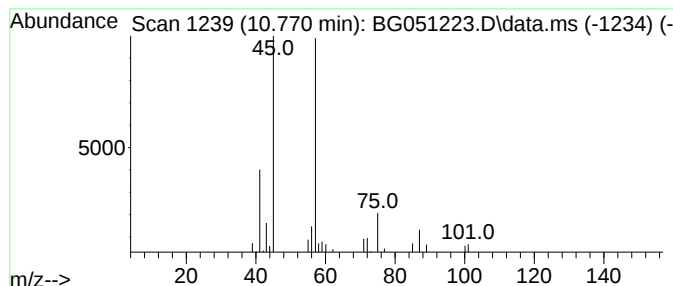
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.770	2.33 ng/ul	35883	Naphthalene-d8	11.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
4			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
5			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	56



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ALS Vial : 45 Sample Multiplier: 1

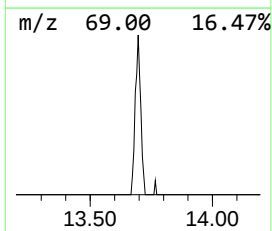
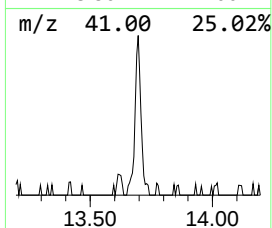
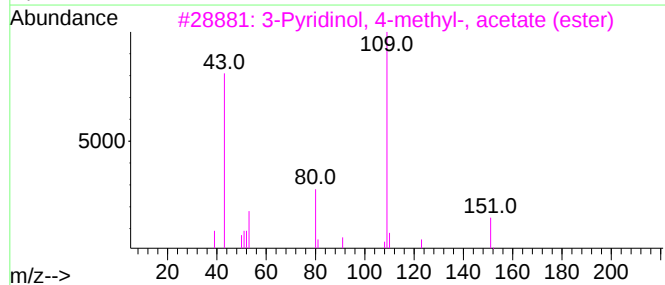
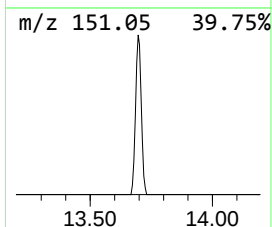
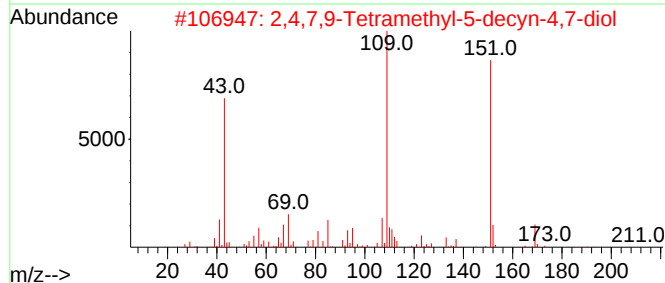
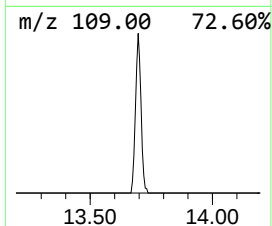
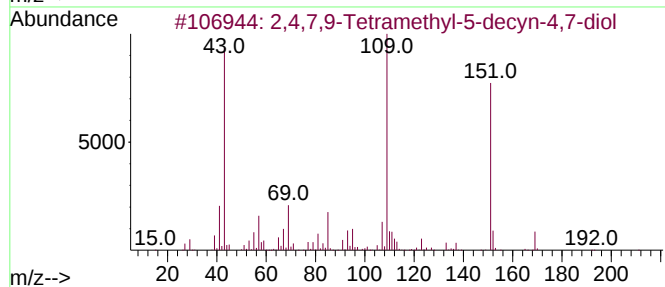
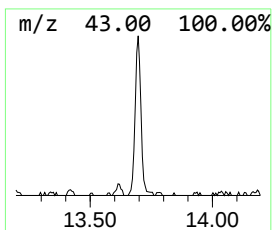
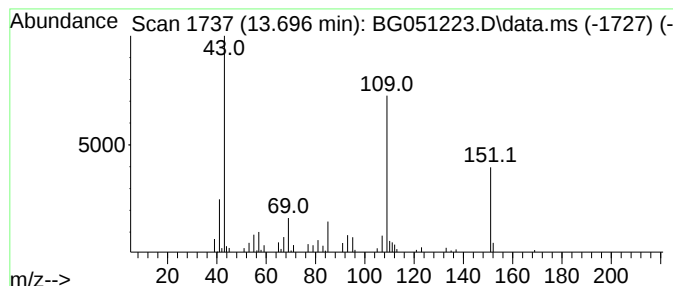
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.696	3.58 ng/ul	77180	Acenaphthene-d10	14.830	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	78
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	58
4	Metacetamol	151	C8H9NO2	000621-42-1	58
5	Acetaminophen	151	C8H9NO2	000103-90-2	53



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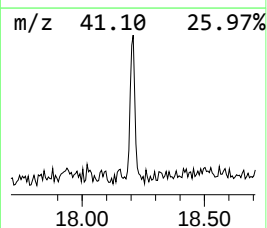
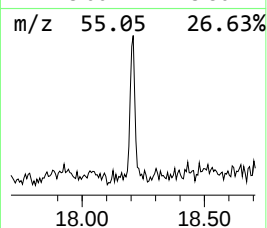
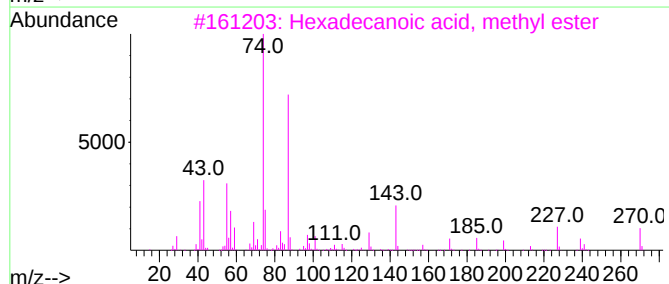
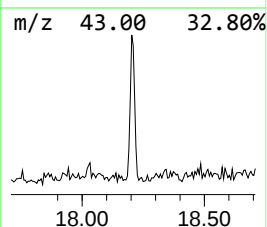
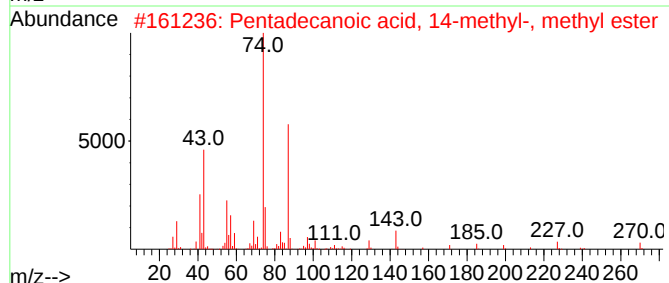
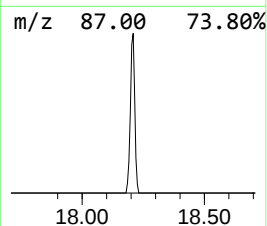
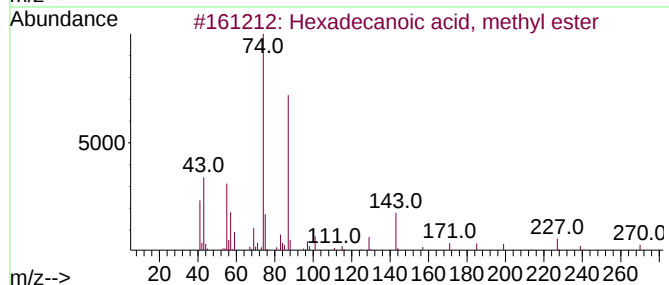
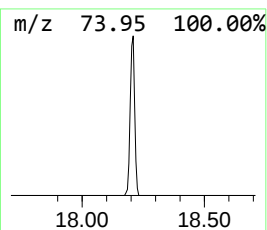
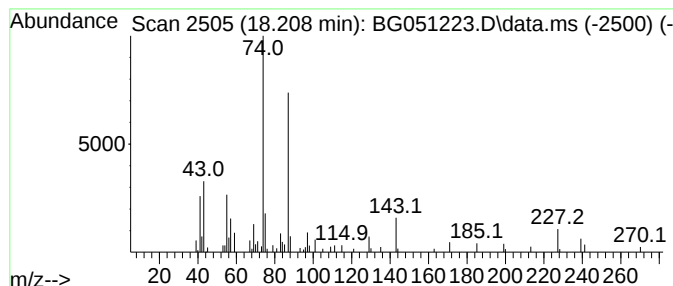
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.208	2.71 ng/ul	66444	Phenanthrene-d10	17.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051223.D
Acq On : 24 Nov 2021 23:00
Operator : CG/JU
Sample : M4725-02
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L01

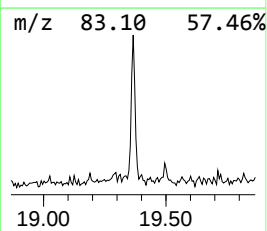
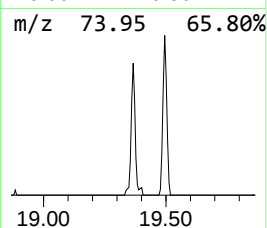
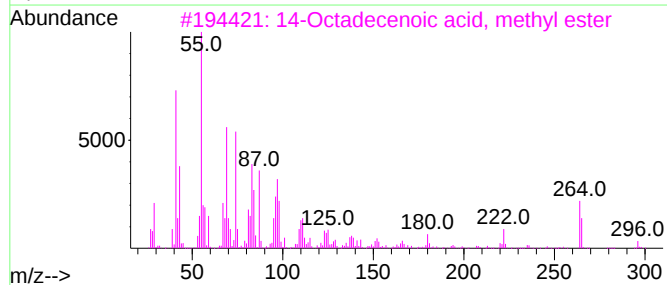
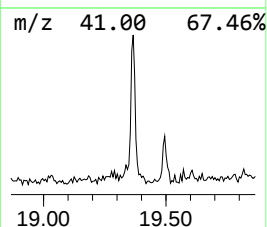
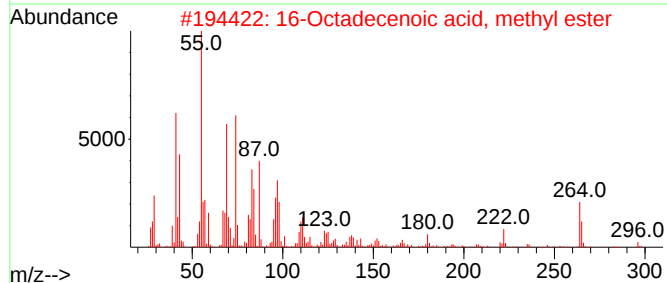
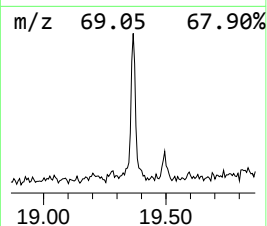
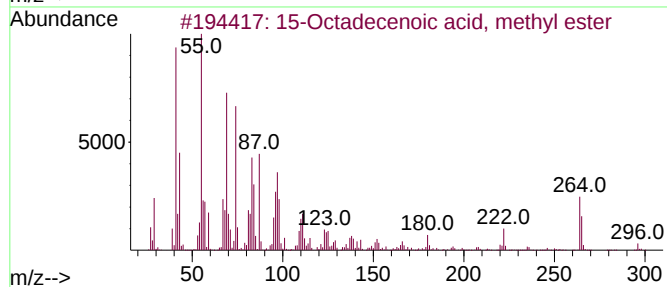
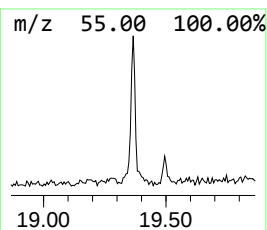
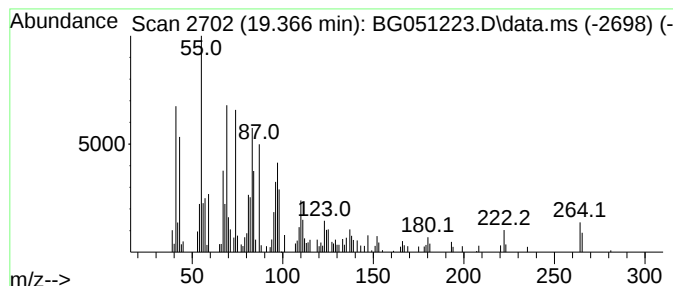
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 15-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.366	3.98 ng/ul	97480	Phenanthrene-d10	17.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
2			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
3			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
4			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	87
5			(Z)-Methyl hexadec-11-enoate	268	C17H32O2	000822-05-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051223.D
Acq On : 24 Nov 2021 23:00
Operator : CG/JU
Sample : M4725-02
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L01

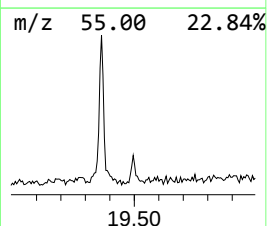
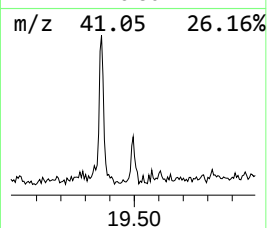
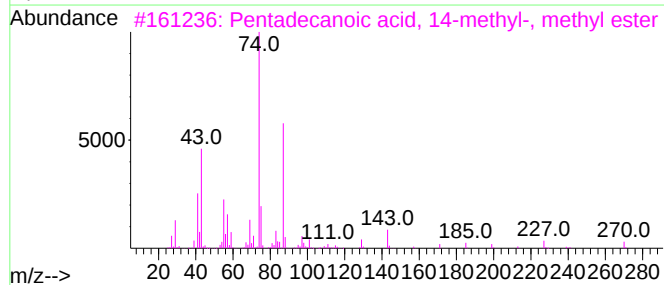
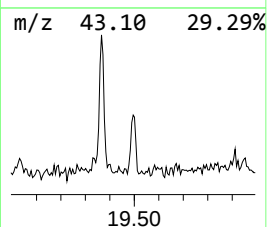
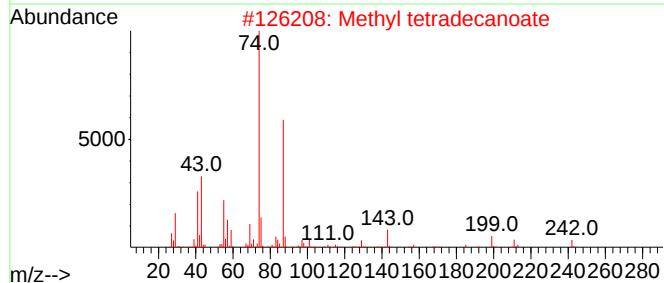
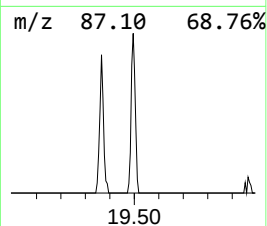
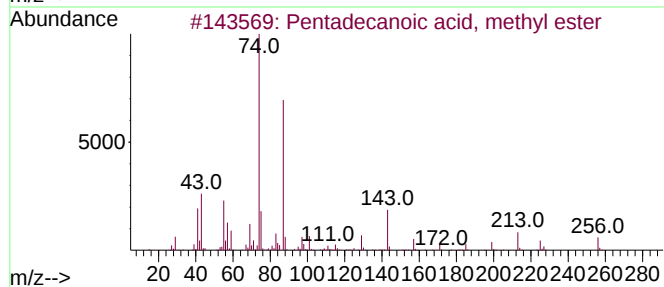
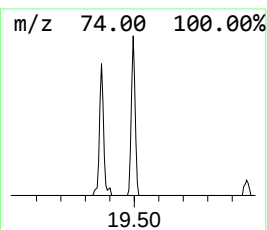
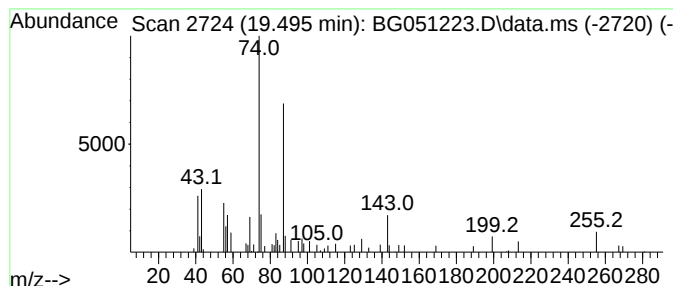
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pentadecanoic acid, methyl ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.495	2.05 ng/ul	50141	Phenanthrene-d10	17.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	72
4			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	72
5			Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051223.D
Acq On : 24 Nov 2021 23:00
Operator : CG/JU
Sample : M4725-02
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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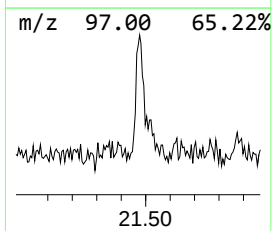
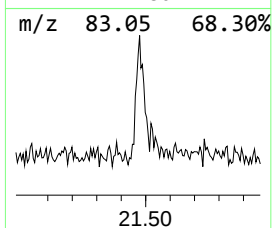
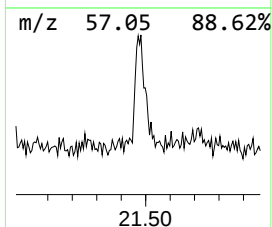
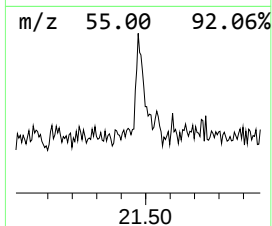
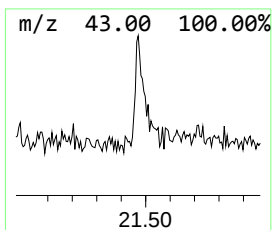
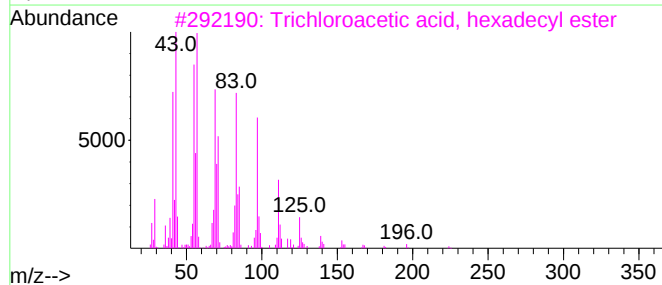
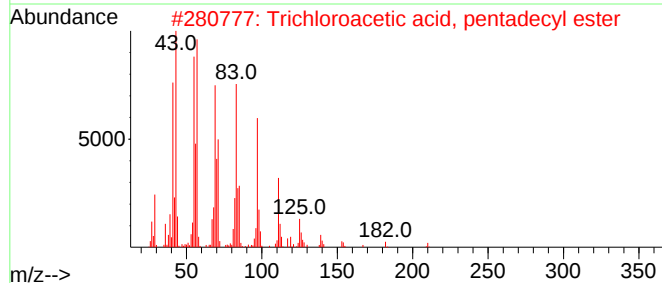
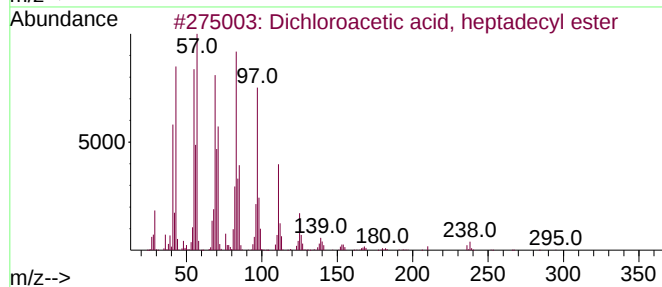
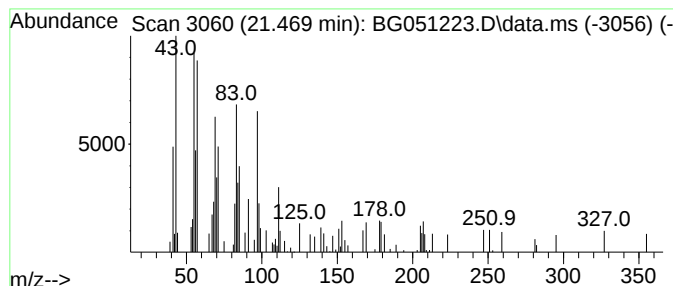
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.469	2.12 ng/ul	50479	Chrysene-d12	21.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
4			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	76
5			1-Tricosanol	340	C23H48O	003133-01-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051223.D
Acq On : 24 Nov 2021 23:00
Operator : CG/JU
Sample : M4725-02
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.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
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2,4,7,9-Tetrame...	13.696	3.6	ng/ul	77180	3	14.830	430784	20.0
Hexadecanoic ac...	18.208	2.7	ng/ul	66444	4	17.580	489728	20.0
15-Octadecenoic...	19.366	4.0	ng/ul	97480	4	17.580	489728	20.0
Pentadecanoic a...	19.495	2.0	ng/ul	50141	4	17.580	489728	20.0
Dichloroacetic ...	21.469	2.1	ng/ul	50479	5	21.881	475784	20.0