

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019346.D
 Acq On : 24 Oct 2015 21:38
 Operator : UM/NP
 Sample : G4075-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.981	21	24	28	rVB4	3884	5678	0.28%	0.023%
2	3.051	32	36	44	rVB3	6013	10325	0.51%	0.043%
3	3.204	56	62	72	rVV3	18467	40088	1.96%	0.166%
4	3.286	72	76	82	rVV	72982	101100	4.95%	0.418%
5	3.327	82	83	86	rVB2	6179	4155	0.20%	0.017%
6	3.457	102	105	109	rBV3	3090	4424	0.22%	0.018%
7	3.557	120	122	128	rBV2	6631	11392	0.56%	0.047%
8	3.844	167	171	177	rBV	6002	9512	0.47%	0.039%
9	4.679	307	313	319	rBV4	12077	22227	1.09%	0.092%
10	5.296	413	418	423	rBV3	11008	14641	0.72%	0.060%
11	5.607	468	471	475	rVB2	2512	3617	0.18%	0.015%
12	7.188	736	740	749	rBV3	8146	14425	0.71%	0.060%
13	7.382	765	773	783	rBV	281394	482446	23.61%	1.993%
14	7.552	794	802	812	rBV	182148	293902	14.38%	1.214%
15	7.763	831	838	847	rBV	262591	447826	21.92%	1.850%
16	8.239	912	919	927	rBV	205697	345643	16.92%	1.428%
17	8.474	953	959	965	rBV3	3542	6775	0.33%	0.028%
18	8.786	1007	1012	1015	rBV3	2045	3460	0.17%	0.014%
19	8.938	1031	1038	1052	rVB	349358	606547	29.68%	2.506%
20	9.409	1109	1118	1125	rVV	248055	452287	22.13%	1.868%
21	9.503	1129	1134	1140	rVB2	15657	26909	1.32%	0.111%
22	9.808	1184	1186	1191	rVB2	4855	6067	0.30%	0.025%
23	10.137	1233	1242	1250	rBV2	239735	428345	20.96%	1.769%
24	10.337	1271	1276	1281	rBV3	2656	4616	0.23%	0.019%
25	10.678	1325	1334	1343	rBV	374289	659597	32.28%	2.725%
26	10.819	1355	1358	1363	rBV3	5341	7611	0.37%	0.031%
27	11.065	1392	1400	1408	rBV	290926	523751	25.63%	2.164%
28	11.195	1414	1422	1429	rBV	191178	359218	17.58%	1.484%
29	11.812	1525	1527	1532	rVB3	2262	3147	0.15%	0.013%
30	12.564	1649	1655	1663	rVV	169490	287581	14.07%	1.188%
31	12.634	1663	1667	1672	rVB2	5015	7666	0.38%	0.032%
32	13.228	1761	1768	1772	rBV3	7842	13539	0.66%	0.056%
33	13.463	1805	1808	1814	rVB3	10278	15492	0.76%	0.064%
34	14.256	1937	1943	1947	rBV	665226	962263	47.09%	3.975%

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35	14.303	1947	1951	1957	rVB	420727	596239	29.18%	2.463%
36	14.479	1979	1981	1983	rBV3	3645	3447	0.17%	0.014%
37	14.555	1987	1994	2002	rVB	693356	1063115	52.03%	4.392%
38	14.738	2019	2025	2031	rBV5	4611	6676	0.33%	0.028%
39	14.861	2039	2046	2053	rBV2	537997	849589	41.58%	3.510%
40	15.031	2068	2075	2081	rBV	394395	633120	30.98%	2.615%
41	15.166	2094	2098	2100	rBV5	3389	4367	0.21%	0.018%
42	15.190	2100	2102	2106	rVV3	3881	4352	0.21%	0.018%
43	15.237	2106	2110	2117	rVV6	16415	27660	1.35%	0.114%
44	15.337	2124	2127	2133	rBV3	4413	7098	0.35%	0.029%
45	15.419	2138	2141	2145	rVB2	3246	3828	0.19%	0.016%
46	15.637	2174	2178	2182	rVV2	11781	17604	0.86%	0.073%
47	15.678	2182	2185	2190	rVV2	17185	20398	1.00%	0.084%
48	15.848	2205	2214	2224	rBV	948676	1447853	70.86%	5.981%
49	15.948	2224	2231	2238	rVV	403048	597524	29.24%	2.468%
50	16.083	2246	2254	2258	rBV7	17883	31106	1.52%	0.128%
51	16.300	2287	2291	2293	rBV3	3651	4032	0.20%	0.017%
52	16.359	2299	2301	2306	rBV4	3494	5384	0.26%	0.022%
53	16.477	2317	2321	2324	rBV5	3441	5209	0.25%	0.022%
54	16.506	2324	2326	2327	rBV2	5112	3780	0.18%	0.016%
55	16.541	2328	2332	2335	rBV3	17639	23386	1.14%	0.097%
56	16.724	2359	2363	2367	rVV5	9109	14437	0.71%	0.060%
57	16.800	2372	2376	2379	rVB6	8139	11503	0.56%	0.048%
58	16.964	2397	2404	2413	rBV2	41609	63213	3.09%	0.261%
59	17.058	2416	2420	2424	rVB6	7219	10867	0.53%	0.045%
60	17.111	2424	2429	2431	rBV6	4136	6573	0.32%	0.027%
61	17.158	2434	2437	2440	rBV4	3916	5507	0.27%	0.023%
62	17.335	2462	2467	2470	rVV2	21105	27154	1.33%	0.112%
63	17.382	2472	2475	2481	rVB7	12791	21987	1.08%	0.091%
64	17.599	2505	2512	2520	rBV	786028	1219837	59.70%	5.039%
65	17.699	2521	2529	2541	rVB	1133923	1706170	83.50%	7.048%
66	17.869	2555	2558	2559	rVB3	4118	3855	0.19%	0.016%
67	17.951	2569	2572	2575	rBV3	5636	7264	0.36%	0.030%
68	18.045	2586	2588	2589	rVV2	4180	3286	0.16%	0.014%
69	18.069	2589	2592	2597	rVB3	19625	28745	1.41%	0.119%
70	18.139	2601	2604	2608	rBV6	4750	8616	0.42%	0.036%
71	18.210	2614	2616	2618	rBV3	4372	4796	0.23%	0.020%

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72	18.304	2629	2632	2633	rBV3	4274	4353	0.21%	0.018%
73	18.339	2635	2638	2643	rBV7	9450	20051	0.98%	0.083%
74	18.398	2646	2648	2649	rBV2	9742	5959	0.29%	0.025%
75	18.463	2654	2659	2668	rVV	328298	445269	21.79%	1.839%
76	18.539	2671	2672	2674	rVV2	11390	8494	0.42%	0.035%
77	18.580	2676	2679	2681	rVV4	5782	6660	0.33%	0.028%
78	18.662	2690	2693	2697	rBV6	8429	14295	0.70%	0.059%
79	18.704	2697	2700	2701	rBV3	9466	8811	0.43%	0.036%
80	18.756	2701	2709	2711	rBV9	31981	64103	3.14%	0.265%
81	18.792	2711	2715	2724	rVV5	34347	90036	4.41%	0.372%
82	18.886	2729	2731	2732	rVV2	11718	7996	0.39%	0.033%
83	18.903	2732	2734	2735	rVV2	14049	10815	0.53%	0.045%
84	18.944	2738	2741	2742	rVV3	16726	15353	0.75%	0.063%
85	19.027	2752	2755	2756	rBV3	15704	17111	0.84%	0.071%
86	19.379	2812	2815	2819	rBV6	11173	14053	0.69%	0.058%
87	19.508	2835	2837	2838	rBV2	10254	7801	0.38%	0.032%
88	19.579	2846	2849	2851	rBV4	12785	18115	0.89%	0.075%
89	19.720	2869	2873	2877	rBV2	84167	120765	5.91%	0.499%
90	19.873	2894	2899	2904	rVB2	347678	420415	20.57%	1.737%
91	19.967	2909	2915	2922	rVV	1366619	2043335	100.00%	8.441%
92	20.913	3072	3076	3081	rVB	258730	285752	13.98%	1.180%
93	21.494	3171	3175	3181	rVB2	231364	340757	16.68%	1.408%
94	21.888	3235	3242	3250	rVB	912287	1531122	74.93%	6.325%
95	22.076	3271	3274	3279	rVB4	48765	64839	3.17%	0.268%
96	22.722	3380	3384	3390	rBV2	71398	133486	6.53%	0.551%
97	23.375	3489	3495	3505	rBV4	122209	331523	16.22%	1.369%
98	24.315	3652	3655	3661	rVB3	61883	120335	5.89%	0.497%
99	25.049	3770	3780	3791	rVB	688565	1990254	97.40%	8.221%
100	25.284	3811	3820	3834	rVB	467768	1380323	67.55%	5.702%

Sum of corrected areas: 24208030

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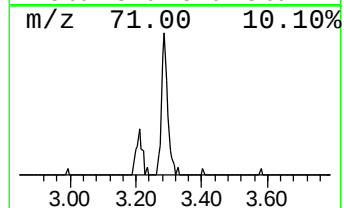
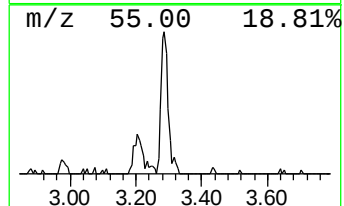
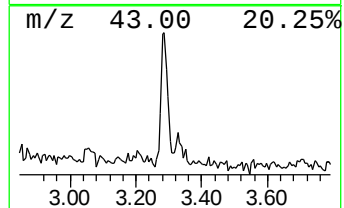
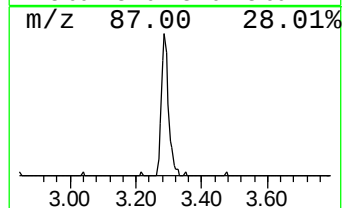
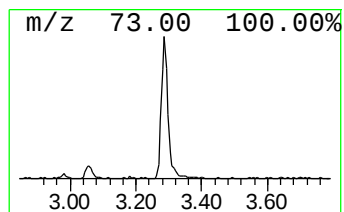
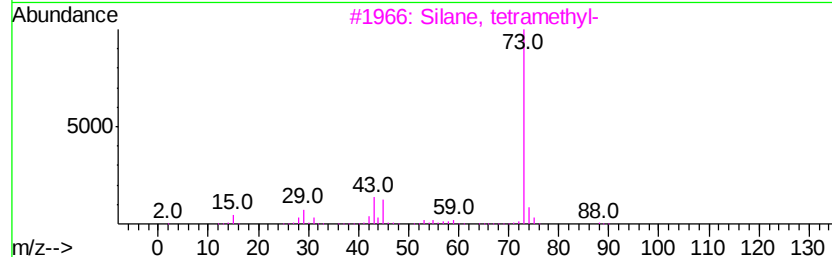
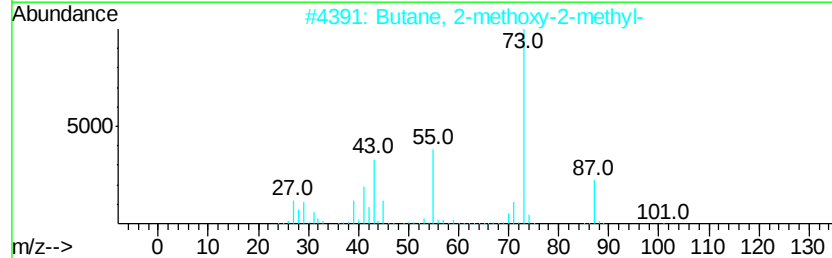
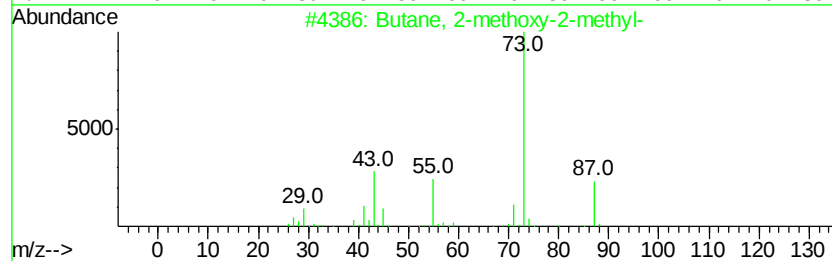
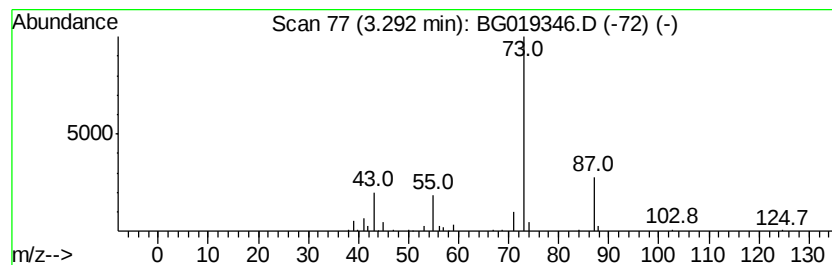
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	5.85 ng/ul	101100	1,4-Dichlorobenzene-d4	8.24

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	50
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	12
5			Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	12



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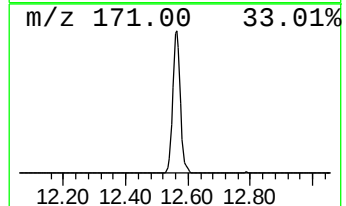
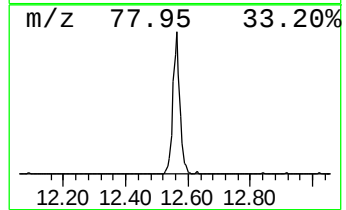
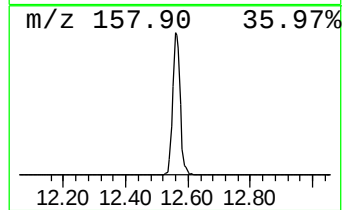
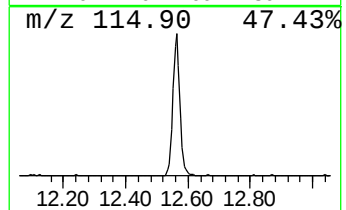
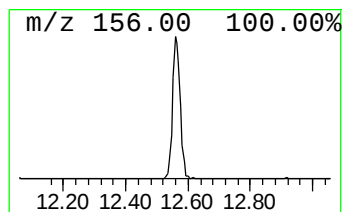
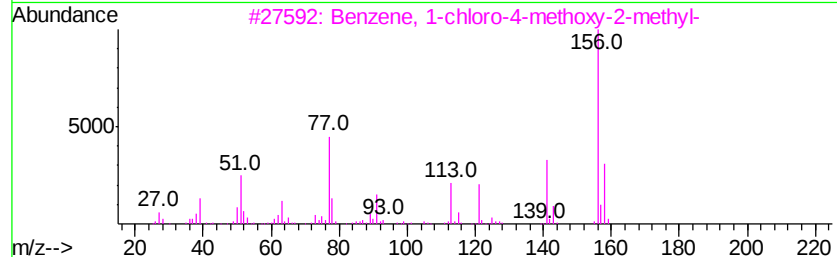
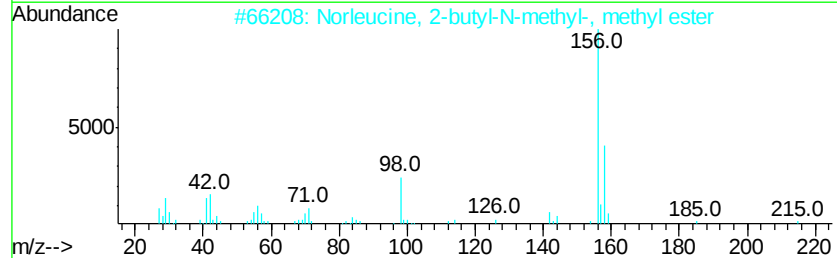
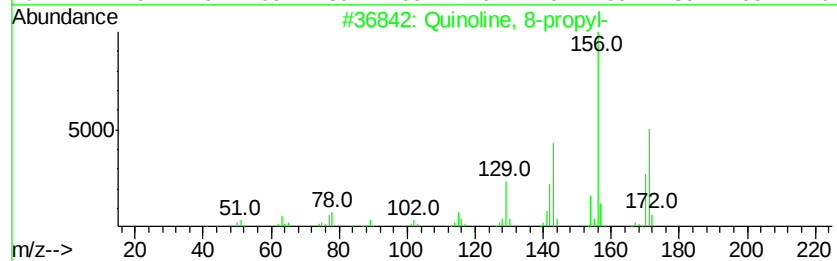
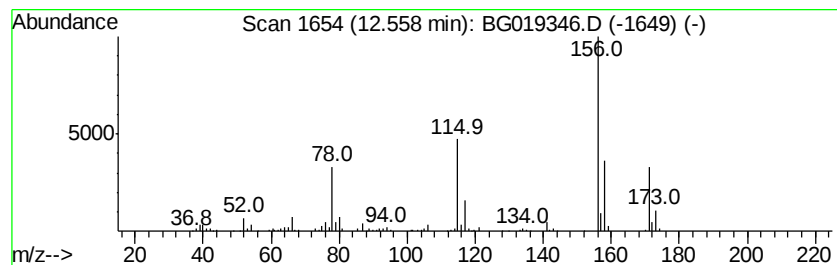
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	10.98 ng/ul	287581	Naphthalene-d8	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	35
2		Norleucine, 2-butyl-N-methyl-, m...	215	C12H25NO2	006141-46-4	25
3		Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	25
4		Pent-1-yn-3-ene, 4-methyl-3-phenyl-	156	C12H12	065050-80-8	23
5		2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	23



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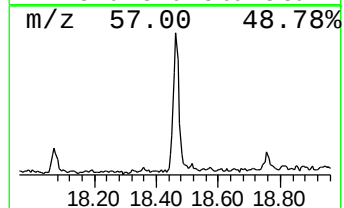
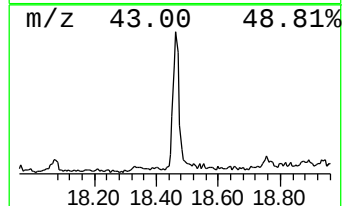
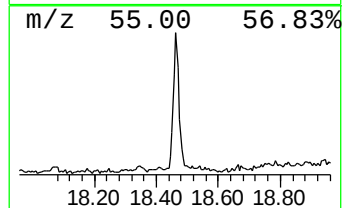
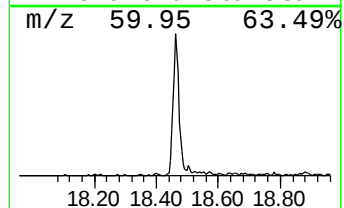
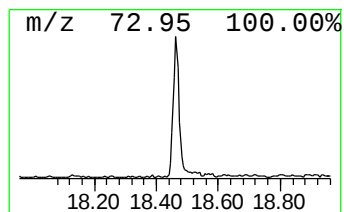
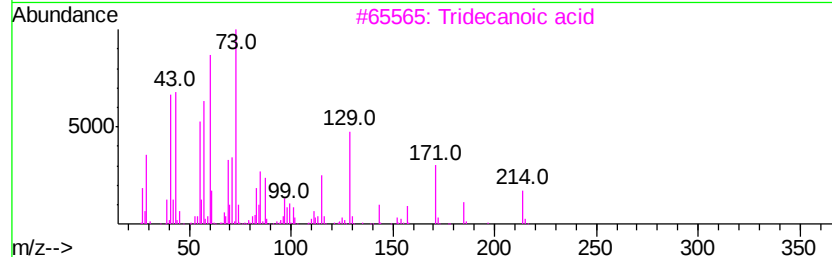
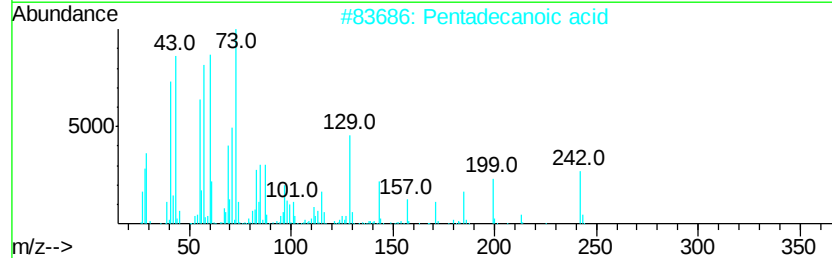
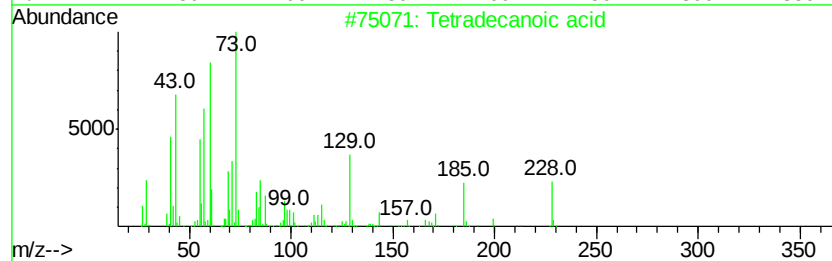
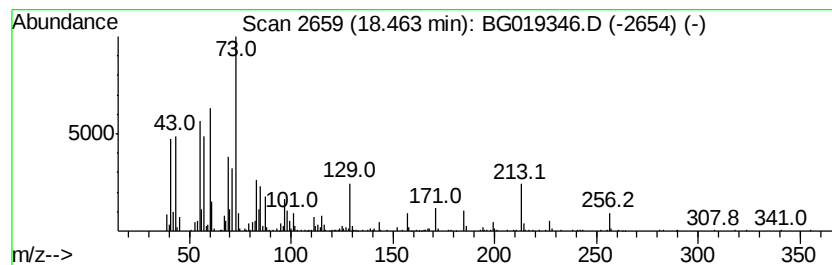
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	7.30 ng/ul	445269	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3		Tridecanoic acid	214	C13H26O2	000638-53-9	47
4		Dodecanoic acid	200	C12H24O2	000143-07-7	38
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	37



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JG9H8

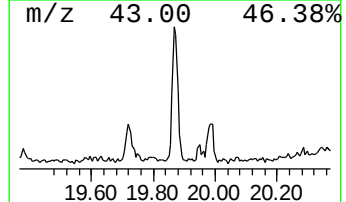
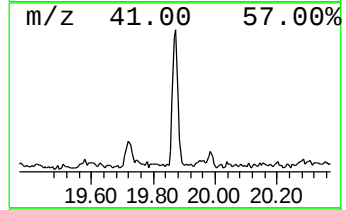
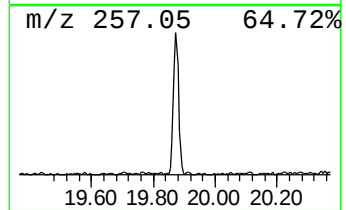
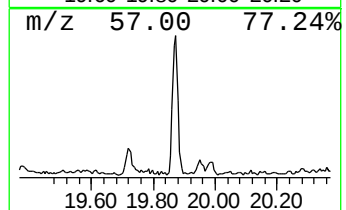
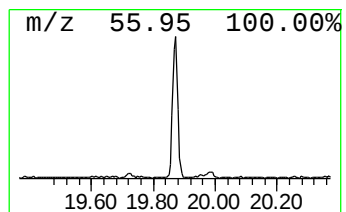
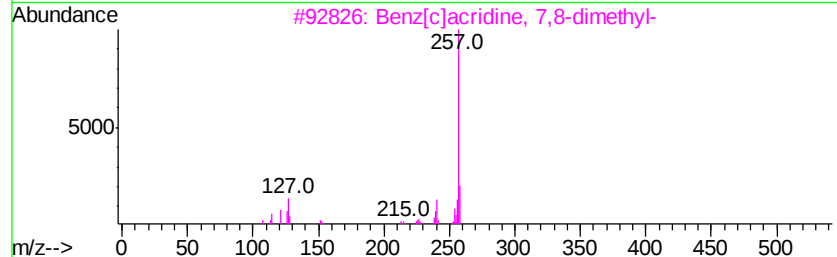
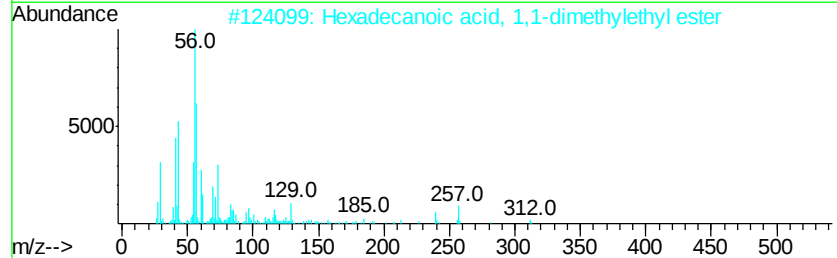
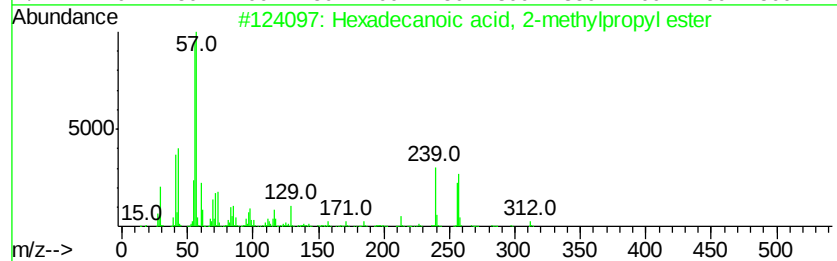
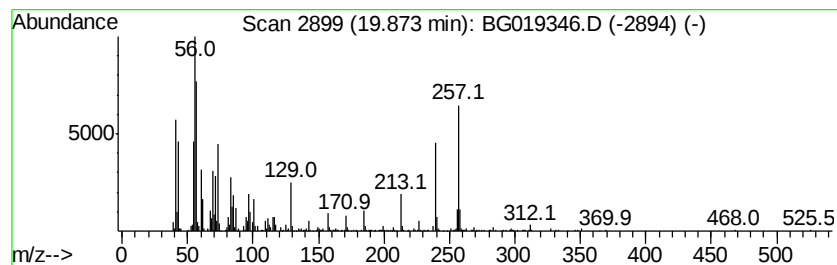
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecanoic acid, 2-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	5.49 ng/ul	420415	Chrysene-d12	21.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-methylpropyl-	312	C20H40O2	000110-34-9	58	
2	Hexadecanoic acid, 1,1-dimethyl-2-propyl-	312	C20H40O2	031158-91-5	50	
3	Benz[clacridine, 7,8-dimethyl-	257	C19H15N	003518-01-2	27	
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	22	
5	1-Heptene, 2-pentyl-	168	C12H24	017799-46-1	22	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019346.D
Acq On : 24 Oct 2015 21:38
Operator : UM/NP
Sample : G4075-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H8

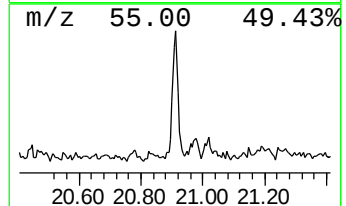
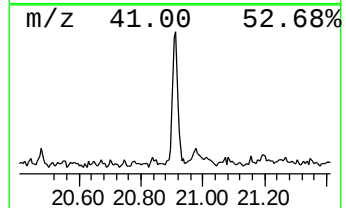
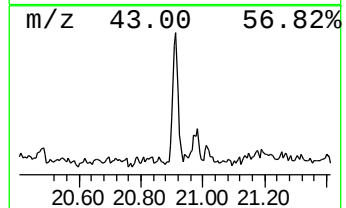
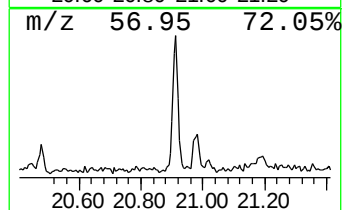
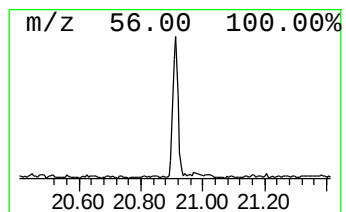
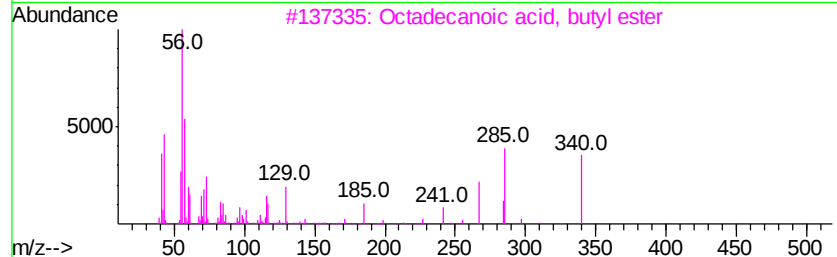
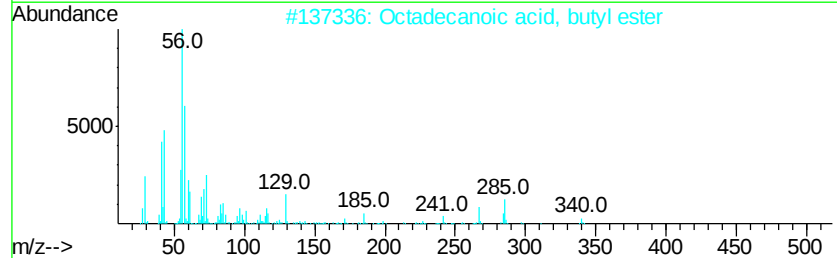
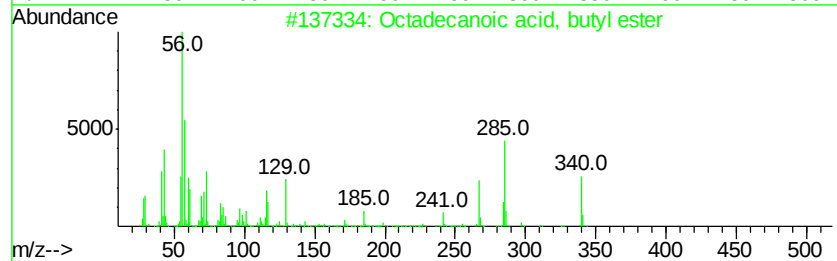
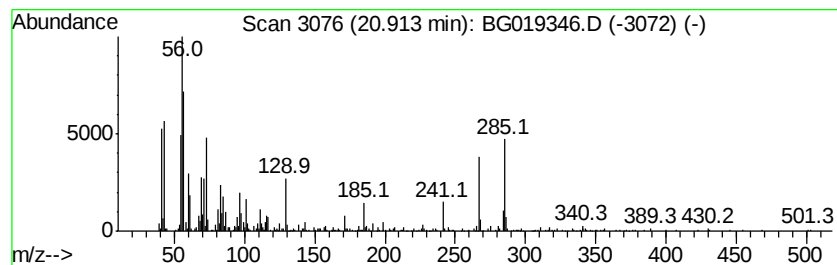
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	3.73 ng/ul	285752	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	55
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	42
4		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	40
5		Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019346.D
Acq On : 24 Oct 2015 21:38
Operator : UM/NP
Sample : G4075-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H8

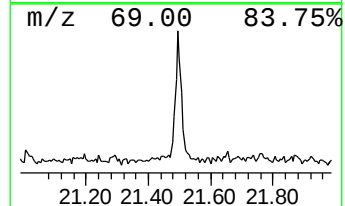
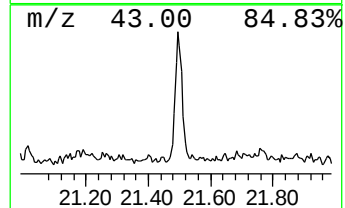
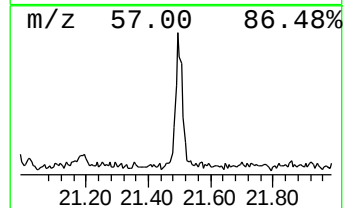
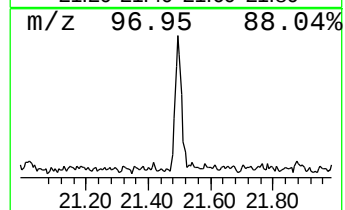
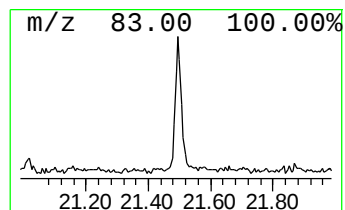
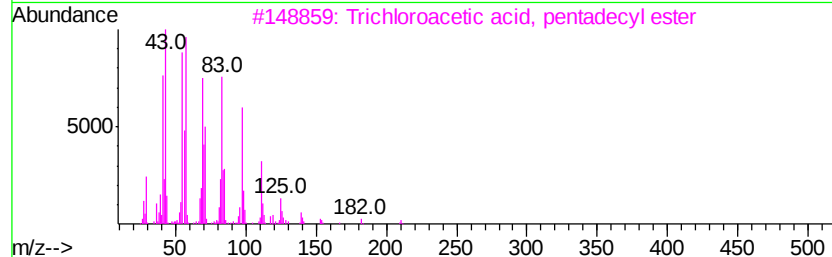
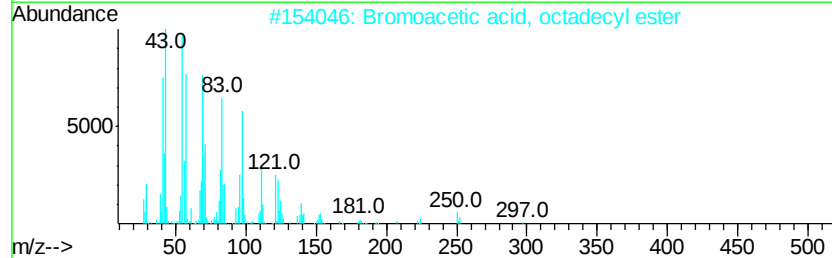
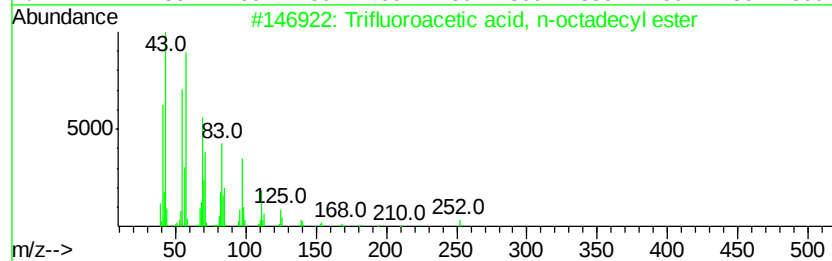
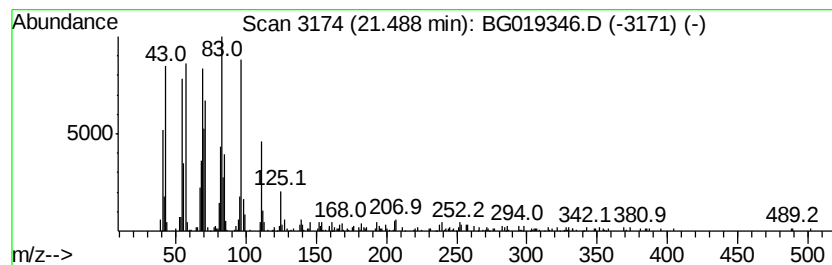
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Trifluoroacetic acid, n-oct... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	4.45 ng/ul	340757	Chrysene-d12	21.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019346.D
Acq On : 24 Oct 2015 21:38
Operator : UM/NP
Sample : G4075-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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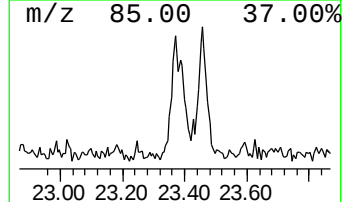
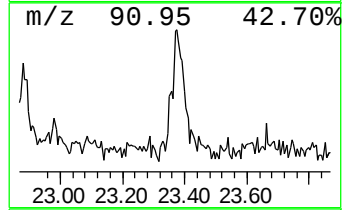
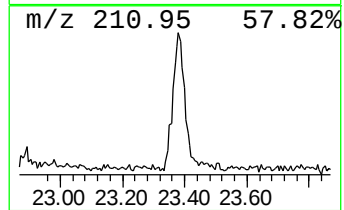
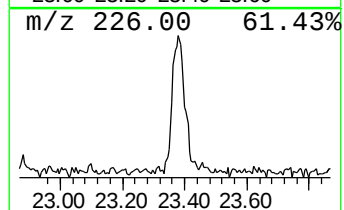
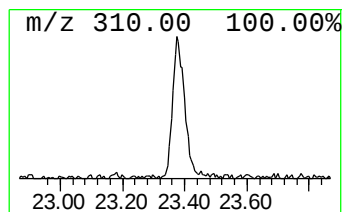
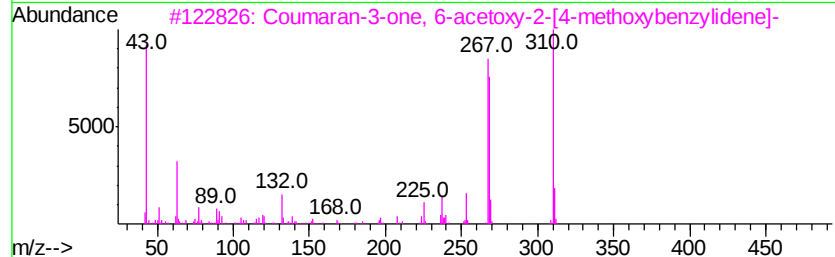
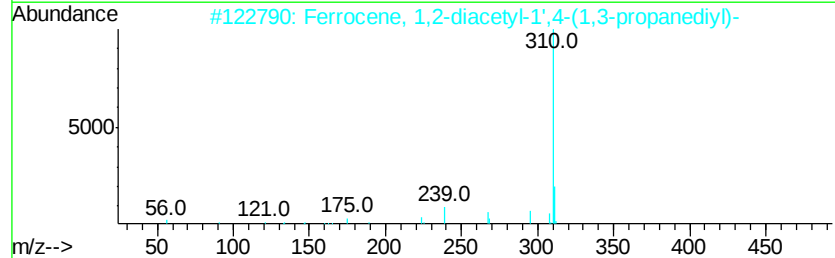
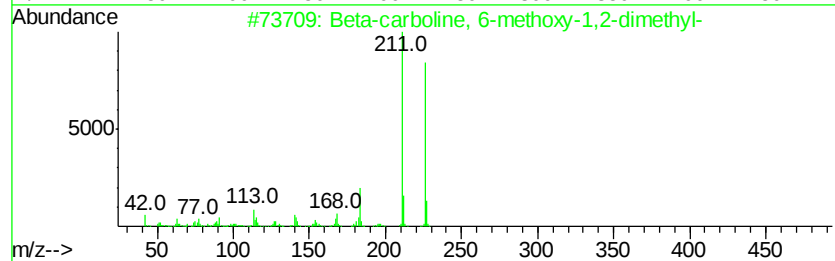
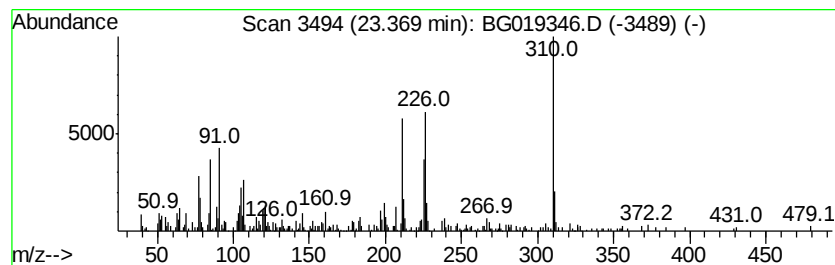
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	4.33 ng/ul	331523	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Beta-carboline, 6-methoxy-1,2-di...	226	C14H14N2O	154505-42-7	38
2		Ferrocene, 1,2-diacetyl-1',4-(1,...	310	C17H18FeO2	041558-93-4	25
3		Coumaran-3-one, 6-acetoxv-2-[4-m...	310	C18H14O5	1000129-32-5	25
4		Pvridine, 4-(1-methyl-2-pyrrolyl...	310	C22H18N2	005562-57-2	22
5		p-(2H-Phenanthro(9,10-d)triazol-...	310	C20H14N4	000975-85-9	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019346.D
Acq On : 24 Oct 2015 21:38
Operator : UM/NP
Sample : G4075-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.29	5.8	ng/ul	101100	1	8.24	345643	20.0
unknown-01	12.56	11.0	ng/ul	287581	2	11.07	523751	20.0
Tetradecanoic acid	18.46	7.3	ng/ul	445269	4	17.60	1219840	20.0
Hexadecanoic acid...	19.87	5.5	ng/ul	420415	5	21.89	1531120	20.0
Octadecanoic acid...	20.91	3.7	ng/ul	285752	5	21.89	1531120	20.0
Trifluoroacetic a...	21.49	4.5	ng/ul	340757	5	21.89	1531120	20.0
unknown-02	23.37	4.3	ng/ul	331523	5	21.89	1531120	20.0