LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020393.D
Acq On : 18 May 2019 09:23
Operator : JU/SJ
Sample : K2633-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJB0

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_M\METHODS\SOM-EPA-BM051619MA.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	3.222	37	40	48	rVB2	42055	61387	2.14%	0.195%
2	6.898	659	665	680	rVB2	575315	1054241	36.71%	3.341%
3	7.069	689	694	707	rBV	430000	716144	24.93%	2.269%
4	7.257	720	726	742	rVB	604554	996178	34.68%	3.157%
5	7.728	800	806	812	rBV	396917	633901	22.07%	2.009%
6	7.781	812	815	822	rVB3	20696	36818	1.28%	0.117%
7	8.434	920	926	945	rVB	657542	1131809	39.41%	3.586%
8	8.898	998	1005	1017	rBV	541895	913118	31.79%	2.893%
9	9.239	1060	1063	1067	rVB3	5626	7402	0.26%	0.023%
10	9.610	1119	1126	1142	rVV	453081	770931	26.84%	2.443%
11	9.851	1163	1167	1172	rVB2	2245	3765	0.13%	0.012%
12	10.139	1210	1216	1230	rBV	681360	1200673	41.81%	3.805%
13	10.522	1271	1281	1292	rBV	513801	855610	29.79%	2.711%
14	10.669	1299	1306	1327	rBV	564538	1041071	36.25%	3.299%
15	12.116	1546	1552	1559	rBV3	6307	11663	0.41%	0.037%
16	13.592	1800	1803	1806	rVB2	3262	3860	0.13%	0.012%
17	13.792	1831	1837	1842	rBV	1203059	1668578	58.10%	5.287%
18	13.839	1842	1845	1858	rVB	373553	487760	16.98%	1.546%
19	14.074	1878	1885	1901	rBV	1396137	2008359	69.93%	6.364%
20	14.380	1928	1937	1949	rBV2	750774	1117143	38.90%	3.540%
21	14.592	1967	1973	1995	rBV	319457	622479	21.67%	1.972%
22	14.792	2005	2007	2015	rVB5	3696	5469	0.19%	0.017%
23	15.168	2067	2071	2074	rVB2	2938	3722	0.13%	0.012%
24	15.210	2074	2078	2083	rVB	4320	5178	0.18%	0.016%
25	15.374	2100	2106	2123	rBV	1634447	2402077	83.64%	7.612%
26	15.504	2123	2128	2137	rVV	450606	593594	20.67%	1.881%
27	15.615	2142	2147	2152	rVB2	14354	20946	0.73%	0.066%
28	16.086	2221	2227	2232	rBV5	4114	9001	0.31%	0.029%
29	16.163	2237	2240	2242	rBV2	4072	5160	0.18%	0.016%
30	16.262	2254	2257	2261	rVB3	2973	2941	0.10%	0.009%
31	16.868	2357	2360	2364	rBV4	2920	4565	0.16%	0.014%
32	16.921	2366	2369	2374	rVB3	3000	4546	0.16%	0.014%
33	17.133	2398	2405	2415	rBV	931888	1306354	45.48%	4.140%
34	17.233	2415	2422	2437	rVV	1669572	2440473	84.97%	7.733%

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Title : SVOA CALIBRATION

35	17.609	2483	2486	2489	rVB4	3509	3938	0.14%	0.012%
36	18.015	2550	2555	2568	rBV2	152427	246256	8.57%	0.780%
37	18.304	2601	2604	2608	rVB3	5251	8162	0.28%	0.026%
38	18.686	2665	2669	2671	rBV4	2320	3803	0.13%	0.012%
39	18.886	2700	2703	2704	rBV3	3330	3569	0.12%	0.011%
40	18.945	2709	2713	2716	rBV4	5258	7446	0.26%	0.024%
41	19.062	2731	2733	2736	rBV4	2477	2910	0.10%	0.009%
42	19.162	2745	2750	2756	rBV3	20091	39896	1.39%	0.126%
43	19.298	2769	2773	2779	rVV2	61251	88921	3.10%	0.282%
44	19.415	2789	2793	2797	rBV	16731	18727	0.65%	0.059%
45	19.533	2806	2813	2821	rBV	2046108	2848958	99.20%	9.028%
46	20.056	2900	2902	2905	rVB4	9868	9591	0.33%	0.030%
47	20.256	2926	2936	2938	rBV5	30140	85917	2.99%	0.272%
48	21.021	3062	3066	3071	rBV	160907	248358	8.65%	0.787%
49	21.321	3112	3117	3132	rVB	1090874	1453456	50.61%	4.606%
50	21.456	3137	3140	3144	rVV3	42296	45642	1.59%	0.145%
51	21.892	3211	3214	3218	rBV3	52129	69227	2.41%	0.219%
52	23.450	3471	3479	3491	rBV	1519161	2872076	100.00%	9.101%
53	23.591	3497	3503	3510	rVB	694246	1354207	47.15%	4.291%

Sum of corrected areas: 31557976

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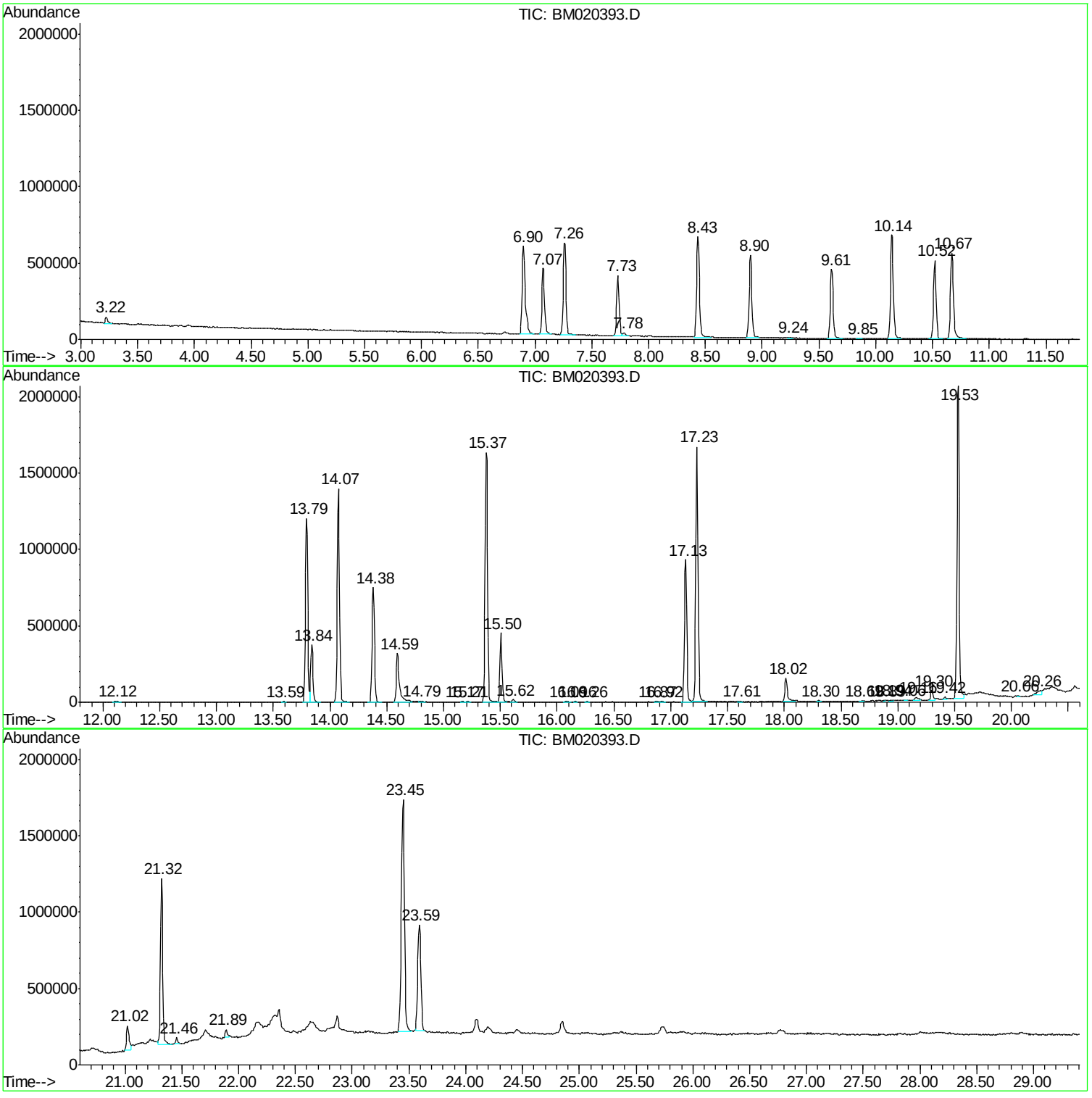
BNA_M
ClientSampleId :
GAJB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : JU/SJ
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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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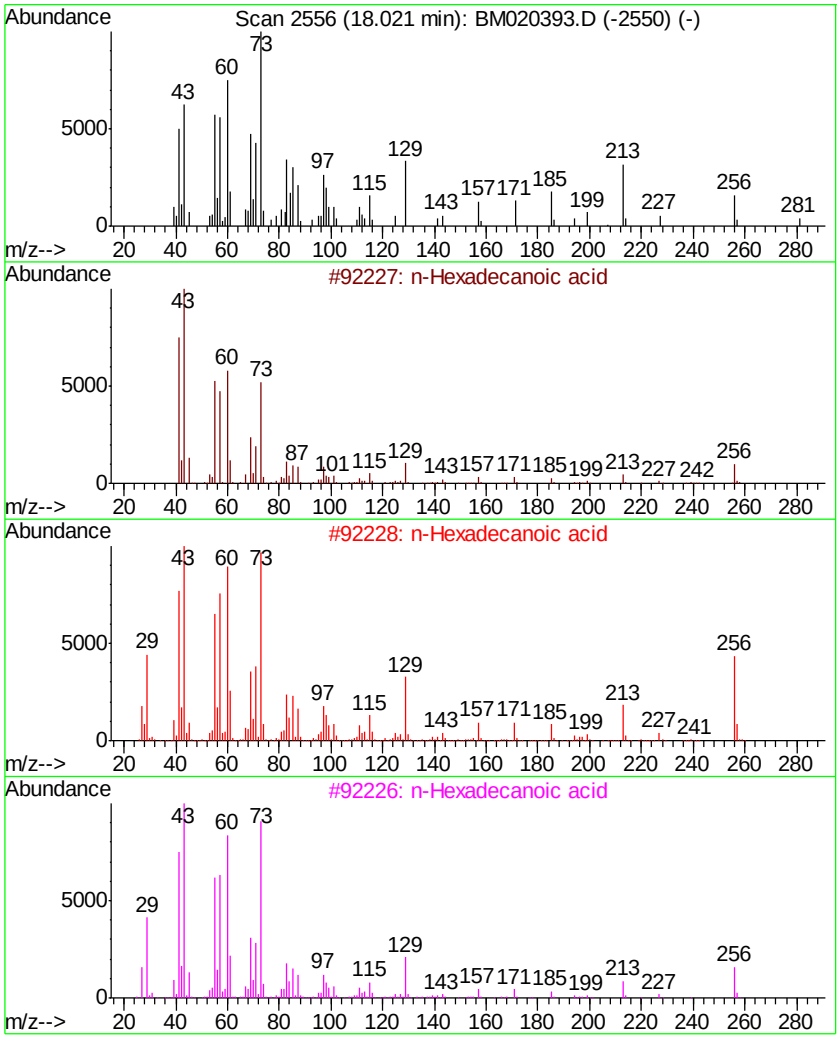
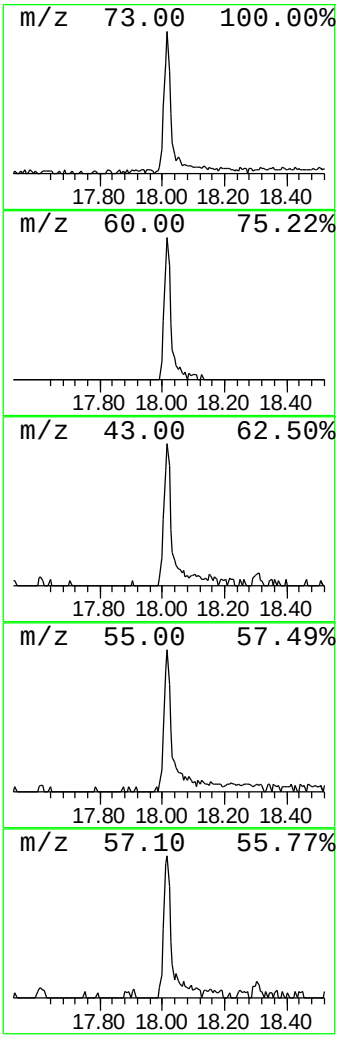
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.77 ng/ul	246256	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	14





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Instrument : BNA_M
ClientSampleId : GAJB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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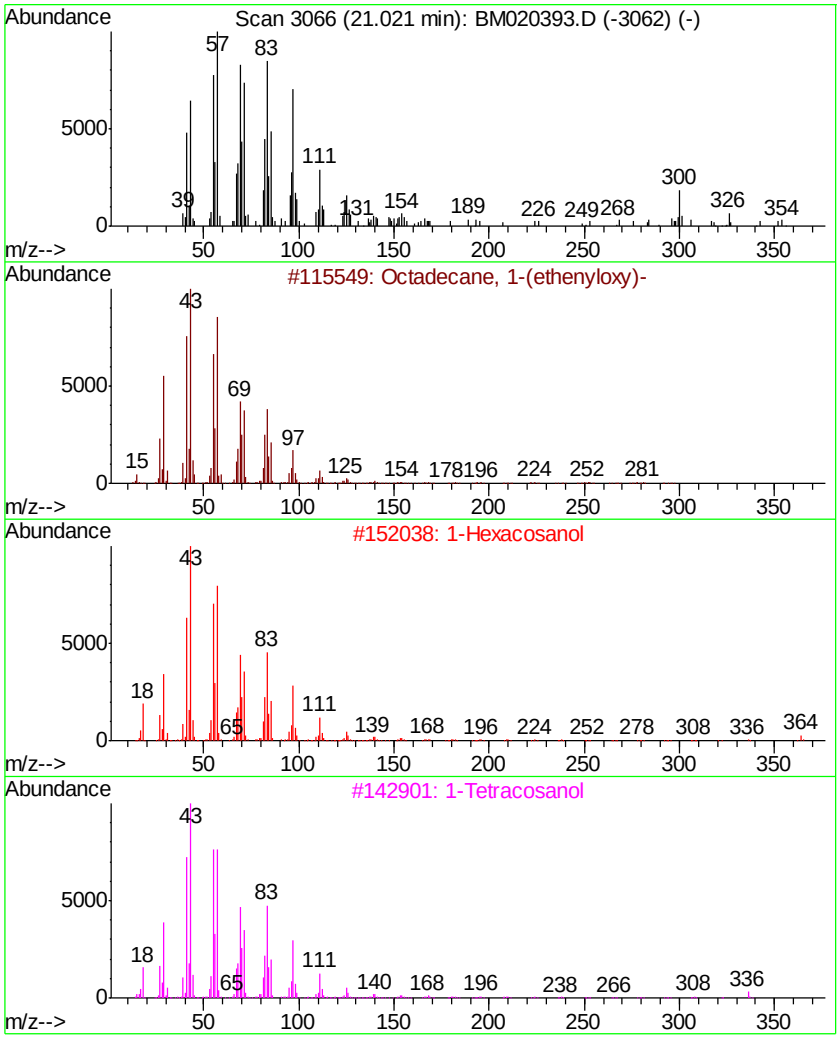
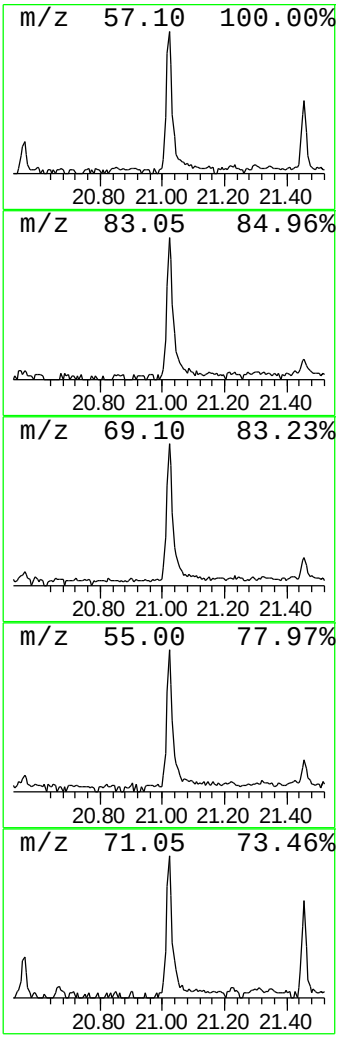
Peak Number 2 Octadecane, 1-(ethenyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.42 ng/ul	248358	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	97
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	81
4	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	81
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	81





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.02	3.8	ng/ul	246256	4	17.13	1306350	20.0
Octadecane, 1-(et...	21.02	3.4	ng/ul	248358	5	21.32	1453460	20.0