LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011725\
Data File : BP023627.D
Acq On : 17 Jan 2025 13:57
Operator : RC/JU
Sample : Q1086-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG4

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_P\Methods\SFAM-EPA-BP011425.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.311	34	38	50	rVB	92771	131486	0.93%	0.110%
2	3.717	103	107	127	rBV	562768	843083	5.93%	0.706%
3	4.052	160	164	169	rVB	49029	60675	0.43%	0.051%
4	4.146	175	180	188	rVB3	30650	45298	0.32%	0.038%
5	4.952	314	317	325	rVB2	19262	28217	0.20%	0.024%
6	5.764	450	455	458	rBV	17402	24956	0.18%	0.021%
7	6.211	522	531	539	rBV2	26558	45522	0.32%	0.038%
8	6.964	652	659	671	rBV	369185	589960	4.15%	0.494%
9	7.140	680	689	704	rBV	1538368	2415723	17.00%	2.022%
10	7.340	716	723	734	rBV	1514708	2212815	15.57%	1.852%
11	7.446	737	741	747	rVB8	7417	15547	0.11%	0.013%
12	7.805	793	802	810	rBV	1619428	2541821	17.88%	2.128%
13	7.869	810	813	821	rVB2	19329	33677	0.24%	0.028%
14	8.493	911	919	934	rBV	1147963	1809976	12.73%	1.515%
15	8.610	936	939	946	rVB4	8433	16566	0.12%	0.014%
16	8.887	981	986	989	rBV4	17924	29358	0.21%	0.025%
17	8.946	989	996	1010	rVB	1701946	2688718	18.92%	2.250%
18	9.122	1022	1026	1033	rVB9	9126	15288	0.11%	0.013%
19	9.410	1068	1075	1080	rBV2	23319	32500	0.23%	0.027%
20	9.663	1108	1118	1126	rBV	875052	1369720	9.64%	1.146%
21	10.199	1201	1209	1226	rBV	1922281	3184458	22.40%	2.665%
22	10.481	1251	1257	1263	rVB	46381	74495	0.52%	0.062%
23	10.581	1267	1274	1282	rBV	2213864	3795760	26.71%	3.177%
24	10.704	1288	1295	1314	rBV	1843170	3146882	22.14%	2.634%
25	11.222	1377	1383	1388	rVB	9986	16566	0.12%	0.014%
26	11.846	1484	1489	1496	rBV	89553	146995	1.03%	0.123%
27	12.169	1538	1544	1551	rVB2	44379	75791	0.53%	0.063%
28	12.404	1577	1584	1590	rVB2	14297	23716	0.17%	0.020%
29	12.716	1634	1637	1643	rVB6	12708	17947	0.13%	0.015%
30	13.210	1717	1721	1728	rBV8	7798	18487	0.13%	0.015%
31	13.328	1734	1741	1747	rBV4	13252	28291	0.20%	0.024%
32	13.834	1820	1827	1834	rBV	4554733	5909623	41.58%	4.946%
33	14.116	1862	1875	1888	rBV	5088119	7405087	52.10%	6.198%
34	14.428	1920	1928	1937	rBV	4067775	5615581	39.51%	4.700%
35	14.516	1937	1943	1948	rVB2	41033	69723	0.49%	0.058%
36	14.598	1951	1957	1973	rBV	312461	498949	3.51%	0.418%

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ClientSampleId :
C0AG4

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Title : SVOA CALIBRATION

37	14.845	1995	1999	2006	rVB7	17238	30024	0.21%	0.025%
38	15.116	2035	2045	2051	rBV3	21695	46476	0.33%	0.039%
39	15.263	2063	2070	2076	rBV4	15738	33713	0.24%	0.028%
40	15.434	2092	2099	2110	rBV	6935546	9517768	66.96%	7.966%
41	15.540	2110	2117	2130	rBV	879825	1285173	9.04%	1.076%
42	15.681	2136	2141	2146	rVB2	27900	42423	0.30%	0.036%
43	15.810	2158	2163	2171	rVB3	35982	63924	0.45%	0.054%
44	16.022	2194	2199	2202	rBV5	9499	16384	0.12%	0.014%
45	16.245	2233	2237	2245	rBV	32687	51004	0.36%	0.043%
46	16.828	2330	2336	2341	rBV4	11496	19190	0.14%	0.016%
47	17.004	2361	2366	2374	rBV3	23232	44001	0.31%	0.037%
48	17.234	2391	2405	2414	rBV2	4530570	6430975	45.25%	5.383%
49	17.328	2414	2421	2435	rVV	8808013	11852565	83.39%	9.921%
50	17.839	2505	2508	2515	rVB3	13233	18460	0.13%	0.015%
51	17.939	2520	2525	2535	rVB2	166753	254092	1.79%	0.213%
52	18.181	2561	2566	2575	rBV	480281	680746	4.79%	0.570%
53	18.645	2640	2645	2650	rBV8	13252	24226	0.17%	0.020%
54	19.251	2743	2748	2753	rBV2	84305	128021	0.90%	0.107%
55	19.322	2755	2760	2766	rVV	81198	120293	0.85%	0.101%
56	19.510	2787	2792	2810	rBV	932939	1413189	9.94%	1.183%
57	19.704	2818	2825	2835	rVB	9945260	14213474	100.00%	11.897%
58	21.686	3155	3162	3177	rBV	4712545	7337022	51.62%	6.141%
59	24.874	3694	3704	3729	rBV	5117651	13214230	92.97%	11.060%
60	25.121	3734	3746	3764	rVB	2617647	7656803	53.87%	6.409%

Sum of corrected areas: 119473433

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BNA_P
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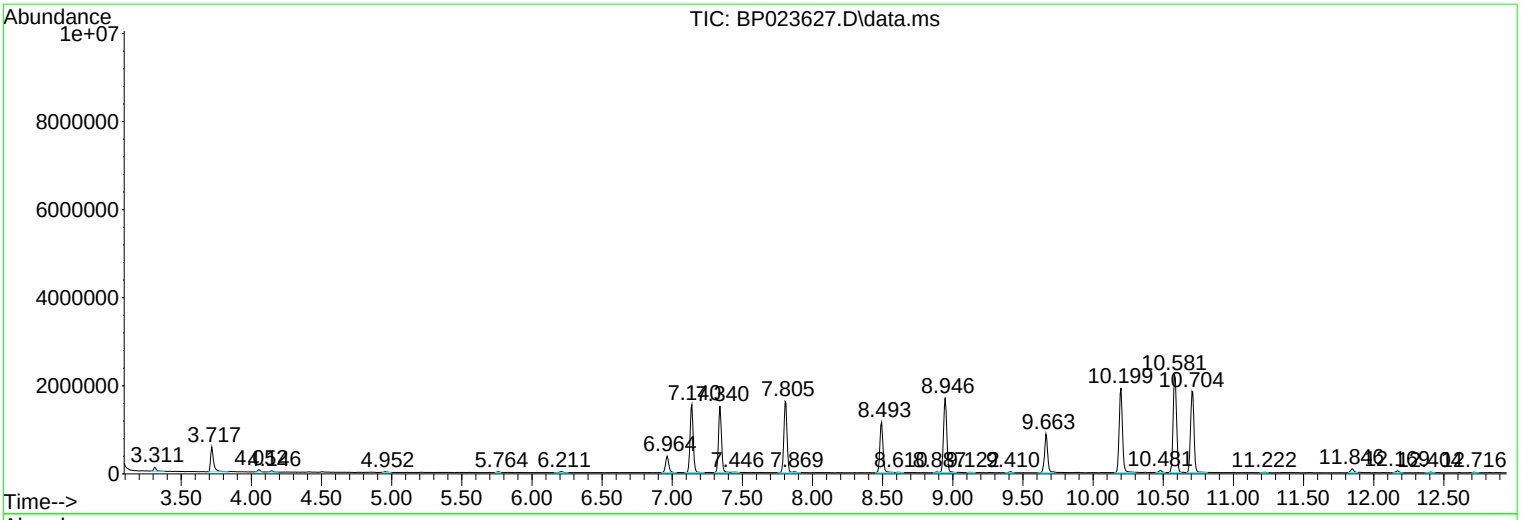
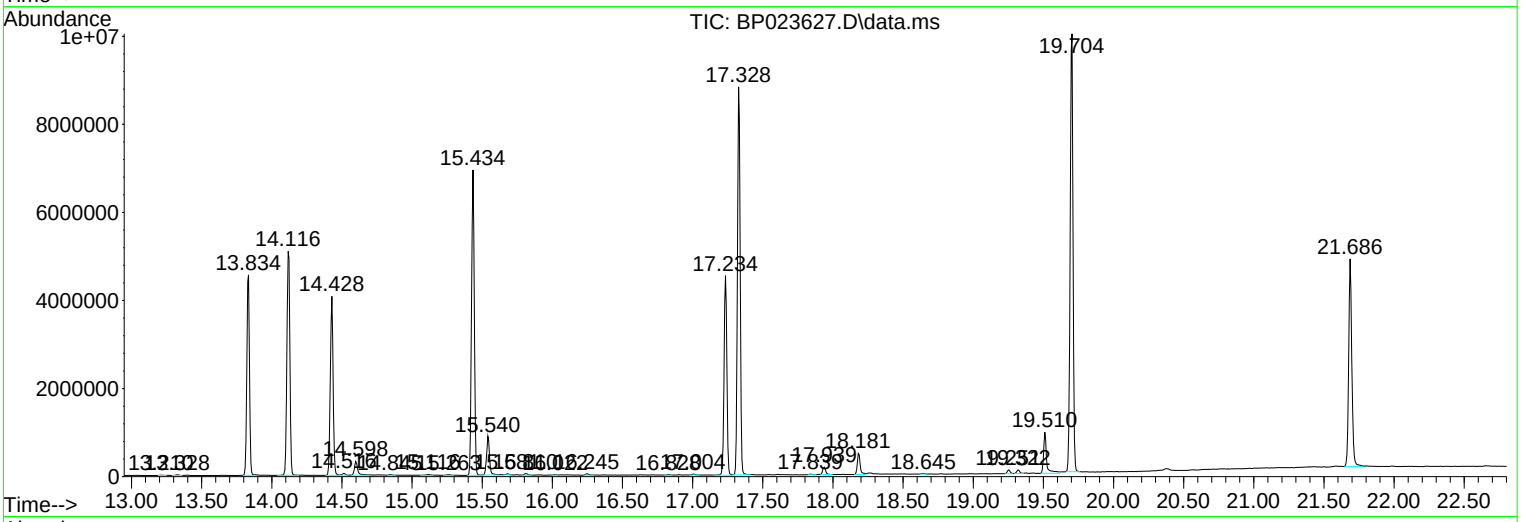
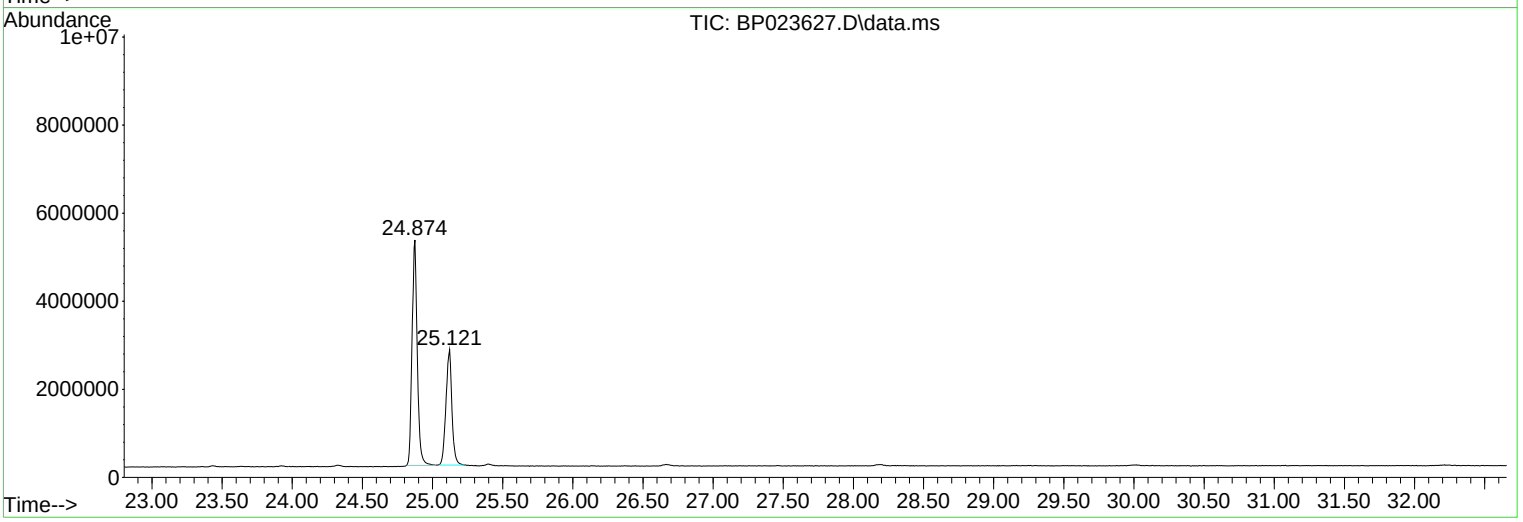
C0AG4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

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







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Instrument :
BNA_P
ClientSampleId :
C0AG4

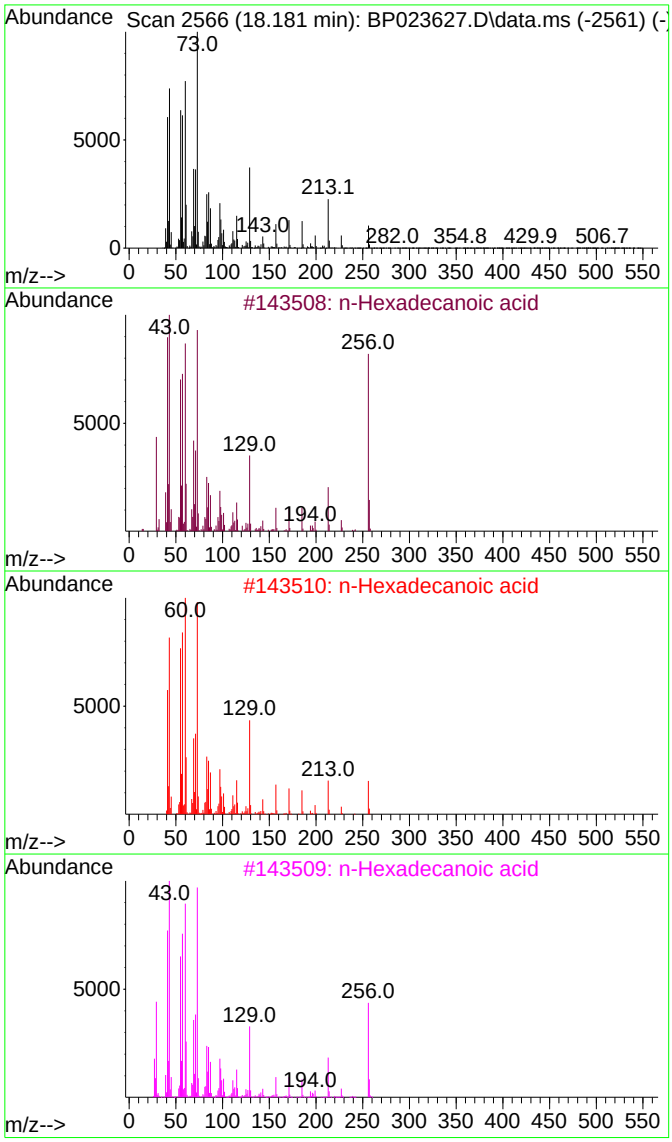
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

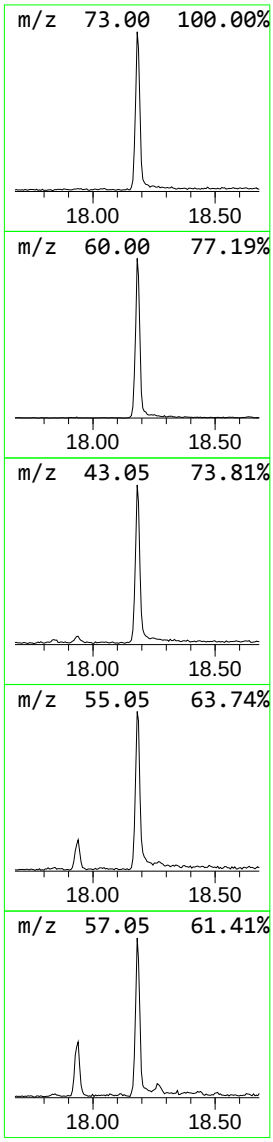
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	2.12 ng/ul	680746	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG4

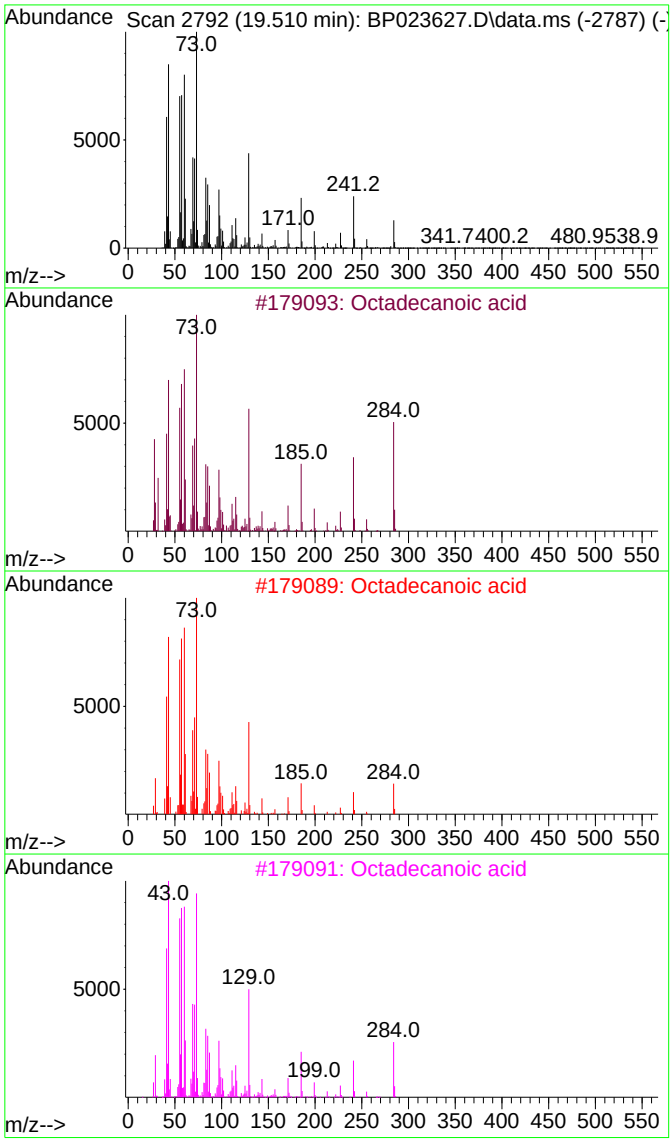
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

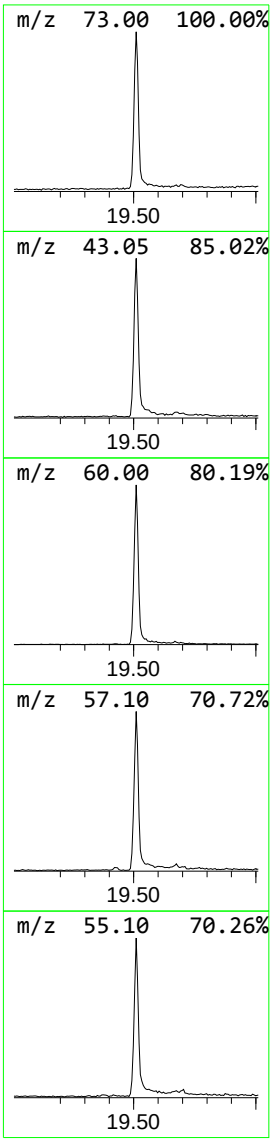
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.510	3.85 ng/ul	1413190	Chrysene-d12	21.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.181	2.1	ng/ul	680746	4	17.233	6430980	20.0
Octadecanoic acid	19.510	3.9	ng/ul	1413190	5	21.686	7337020	20.0