LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027416.D
Acq On : 15 Sep 2020 17:40
Operator : JU/CG
Sample : L3995-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N3

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-BM090420MA.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	3.128	21	24	30	rVB2	40297	54074	1.71%	0.176%
2	6.745	633	639	651	rBV2	141279	282099	8.93%	0.918%
3	6.898	660	665	677	rVB	371381	598414	18.94%	1.947%
4	7.098	692	699	710	rBV	453184	732016	23.17%	2.382%
5	7.198	714	716	722	rVB5	4712	6191	0.20%	0.020%
6	7.557	770	777	788	rBV	596599	909050	28.77%	2.958%
7	8.269	891	898	909	rBV	354795	595784	18.86%	1.939%
8	8.698	963	971	987	rBV	471287	777625	24.61%	2.530%
9	9.169	1048	1051	1058	rBV7	3478	5260	0.17%	0.017%
10	9.416	1086	1093	1101	rBV	397267	657575	20.81%	2.140%
11	9.957	1177	1185	1202	rBV	585512	1062761	33.63%	3.458%
12	10.192	1221	1225	1227	rBV3	3535	4987	0.16%	0.016%
13	10.322	1239	1247	1257	rBV	685033	1130245	35.77%	3.678%
14	10.474	1267	1273	1286	rBV	32841	80492	2.55%	0.262%
15	11.939	1515	1522	1527	rBV5	5538	12936	0.41%	0.042%
16	12.816	1667	1671	1674	rBV4	2321	3439	0.11%	0.011%
17	13.115	1717	1722	1724	rBV4	2874	4289	0.14%	0.014%
18	13.615	1801	1807	1812	rBV	1251284	1671871	52.91%	5.440%
19	13.663	1812	1815	1821	rVB	86975	120018	3.80%	0.391%
20	13.886	1846	1853	1866	rBV	1317626	1888080	59.75%	6.144%
21	14.198	1899	1906	1914	rBV	1029259	1468625	46.48%	4.779%
22	14.421	1938	1944	1958	rBV	46957	122216	3.87%	0.398%
23	14.551	1963	1966	1969	rVB4	2362	3388	0.11%	0.011%
24	14.674	1983	1987	1989	rBV4	2665	3816	0.12%	0.012%
25	14.962	2030	2036	2042	rBV	99029	139793	4.42%	0.455%
26	15.033	2045	2048	2051	rVV5	3500	5328	0.17%	0.017%
27	15.098	2054	2059	2061	rBV4	2843	4315	0.14%	0.014%
28	15.198	2069	2076	2085	rBV	1739901	2361158	74.73%	7.683%
29	15.321	2091	2097	2107	rBV	519201	725012	22.95%	2.359%
30	15.439	2113	2117	2124	rVB	23306	34233	1.08%	0.111%
31	15.956	2200	2205	2206	rBV5	2669	4653	0.15%	0.015%
32	15.980	2206	2209	2214	rVB5	7909	10094	0.32%	0.033%
33	16.339	2263	2270	2273	rBV7	1751	3606	0.11%	0.012%
34	16.398	2277	2280	2285	rVV6	3147	4907	0.16%	0.016%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

35	16.627	2314	2319	2322	rBV6	4082	5846	0.19%	0.019%
36	16.739	2333	2338	2343	rBV5	6710	13169	0.42%	0.043%
37	16.945	2367	2373	2383	rBV	1250922	1677434	53.09%	5.458%
38	17.045	2383	2390	2406	rBV	1873807	2645044	83.71%	8.607%
39	17.633	2488	2490	2495	rBV5	3096	5404	0.17%	0.018%
40	17.868	2525	2530	2546	rBV	136927	241047	7.63%	0.784%
41	18.392	2617	2619	2622	rVB4	3605	3326	0.11%	0.011%
42	18.739	2676	2678	2681	rBV4	5029	4286	0.14%	0.014%
43	18.809	2687	2690	2692	rBV4	4886	5572	0.18%	0.018%
44	18.980	2716	2719	2723	rBV2	19592	27653	0.88%	0.090%
45	19.162	2745	2750	2758	rBV2	82208	137920	4.36%	0.449%
46	19.233	2758	2762	2766	rVB2	20245	35191	1.11%	0.115%
47	19.344	2775	2781	2788	rBV	2398350	3159759	100.00%	10.282%
48	20.891	3040	3044	3049	rBV2	163021	231179	7.32%	0.752%
49	21.144	3082	3087	3095	rBV	1477252	1917735	60.69%	6.240%
50	23.174	3426	3432	3440	rBV	1828535	3145666	99.55%	10.236%
51	23.309	3450	3455	3465	rVB	1127820	1987436	62.90%	6.467%

Sum of corrected areas: 30732017

LSC Report - Integrated Chromatogram

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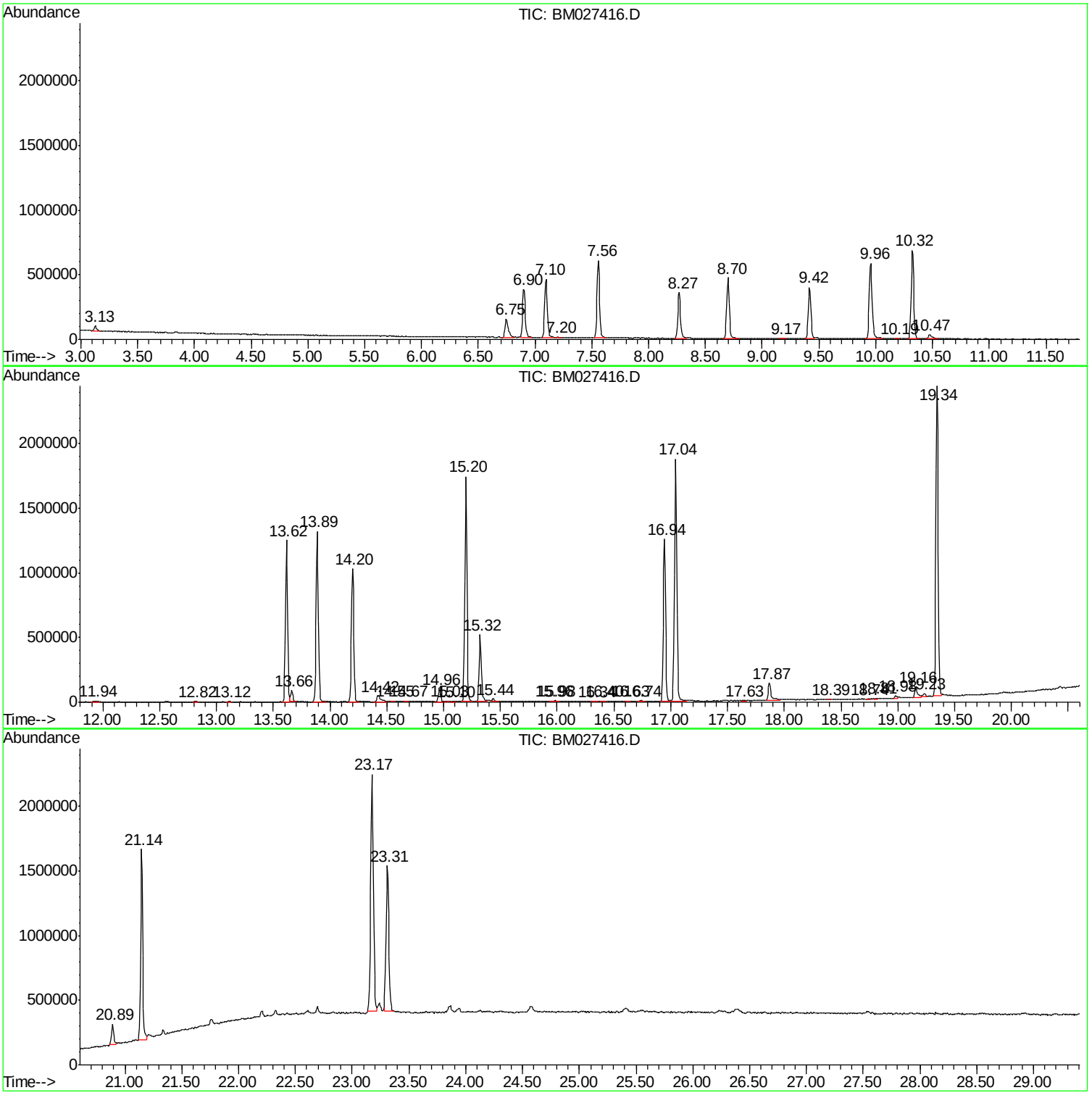
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027416.D
Acq On : 15 Sep 2020 17:40
Operator : JU/CG
Sample : L3995-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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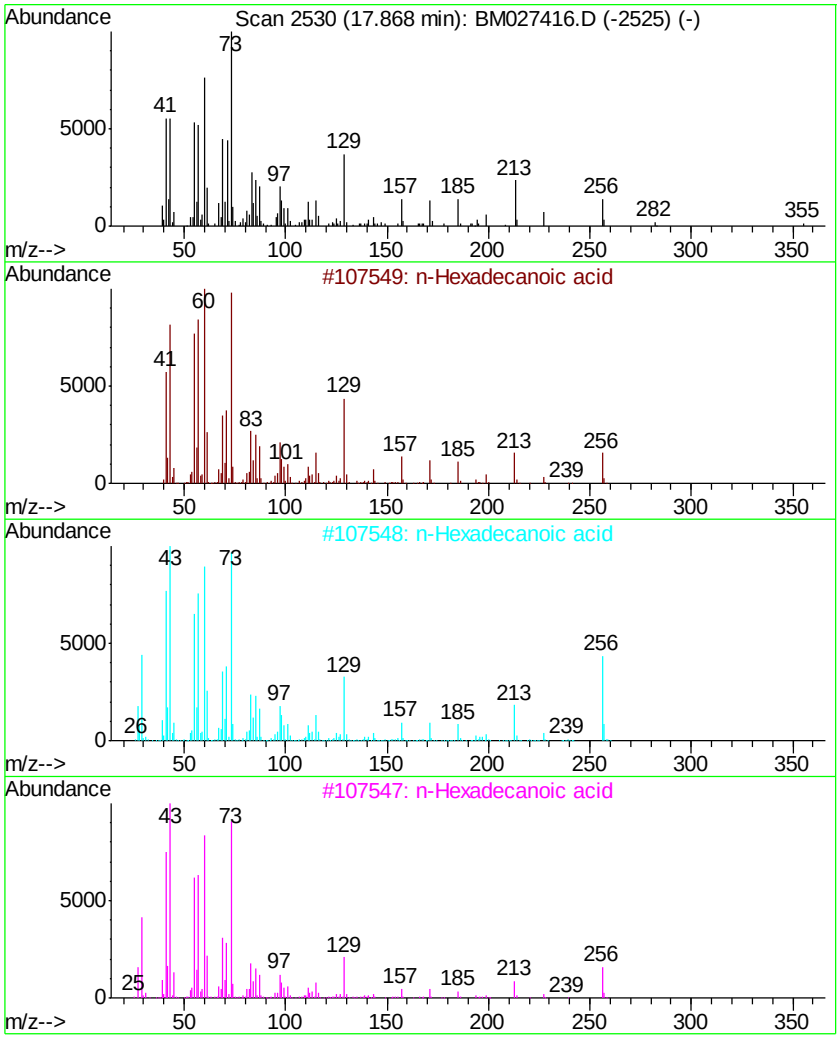
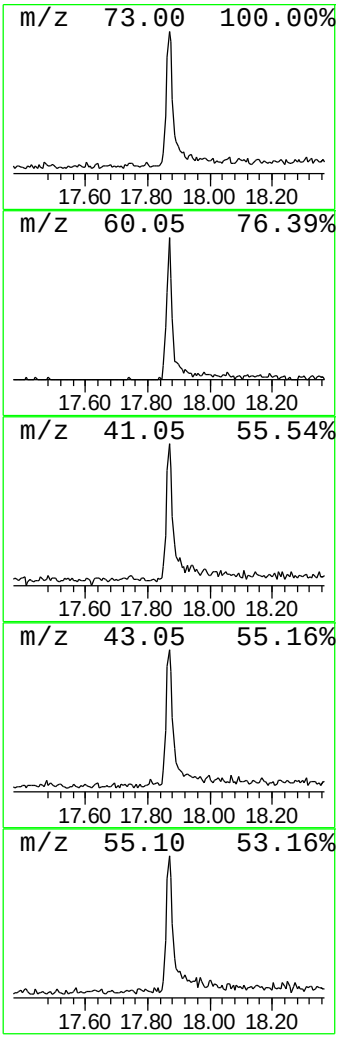
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.87 ng/ul	241047	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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Instrument : BNA_M
ClientSampleId : BG0N3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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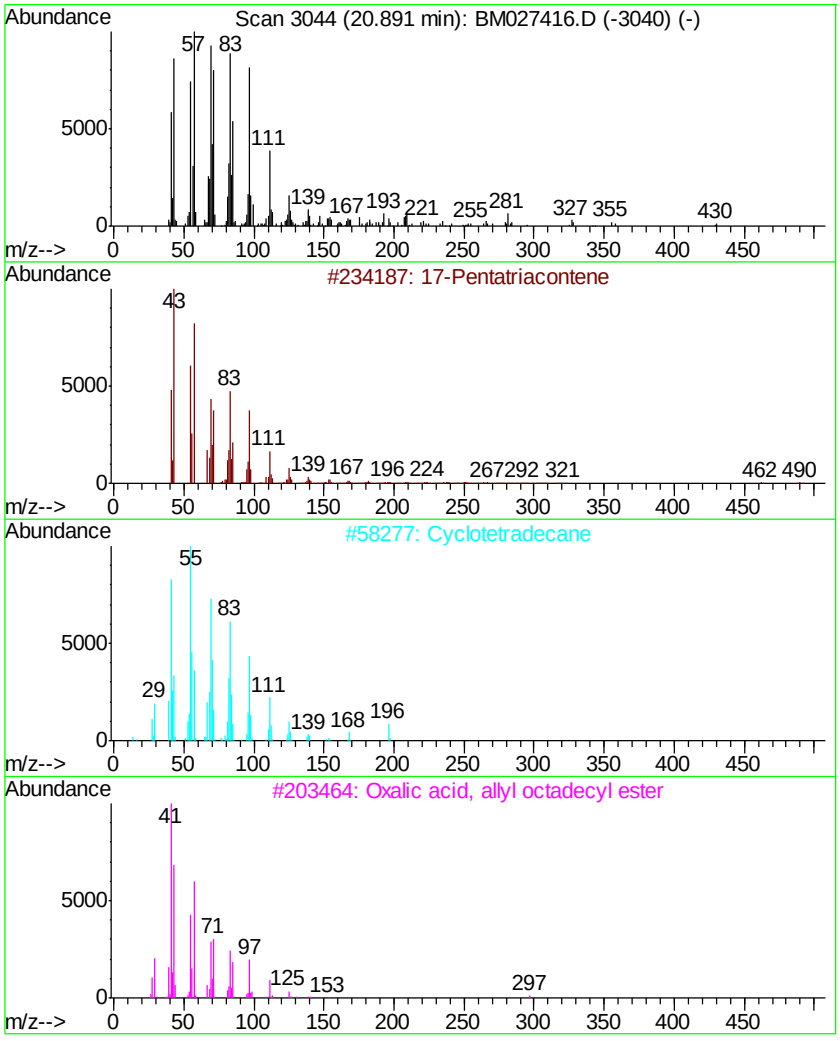
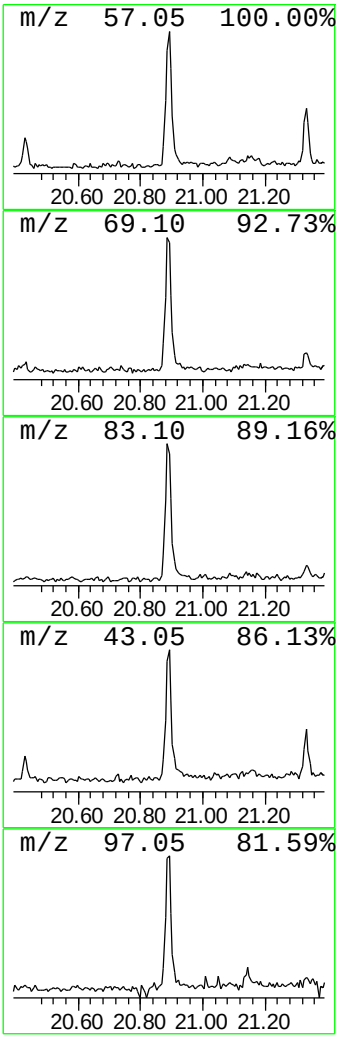
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.41 ng/ul	231179	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Cyclotetradecane	196	C14H28	000295-17-0	89
3	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	87
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
5	Cyclotridecane	182	C13H26	000295-02-3	72





Tentatively Identified Compound (LSC) summary

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Acq On : 15 Sep 2020 17:40
Operator : JU/CG
Sample : L3995-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.9	ng/ul	241047	4	16.94	1677430	20.0
(DEL) Alkane: Str...	20.89	2.4	ng/ul	231179	5	21.14	1917740	20.0