

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
 Data File : BM027337.D
 Acq On : 04 Sep 2020 19:20
 Operator : JU/CG
 Sample : L3840-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1

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:\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	3.134	22	25	30	rVB	19555	22994	0.58%	0.064%
2	3.640	108	111	113	rBV3	4018	4441	0.11%	0.012%
3	3.764	127	132	139	rVB	35435	57981	1.45%	0.160%
4	3.840	143	145	149	rVB5	6451	8806	0.22%	0.024%
5	4.734	293	297	303	rBV	28867	43163	1.08%	0.119%
6	5.052	347	351	355	rVB4	7273	9770	0.24%	0.027%
7	5.622	444	448	455	rVB6	4822	9917	0.25%	0.027%
8	6.605	611	615	619	rVB4	4670	6293	0.16%	0.017%
9	6.752	634	640	652	rBV	289141	492350	12.33%	1.363%
10	6.916	659	668	682	rVB	331344	513577	12.87%	1.422%
11	7.111	692	701	714	rBV	341671	540876	13.55%	1.497%
12	7.210	714	718	728	rVB5	18424	43211	1.08%	0.120%
13	7.440	753	757	761	rVB4	2972	5286	0.13%	0.015%
14	7.569	772	779	790	rVV	599493	959204	24.03%	2.655%
15	7.681	790	798	802	rVV	18960	30054	0.75%	0.083%
16	7.722	802	805	813	rVB5	4581	7902	0.20%	0.022%
17	7.816	816	821	830	rVB3	16504	29393	0.74%	0.081%
18	8.075	861	865	870	rBV5	4556	7224	0.18%	0.020%
19	8.128	870	874	878	rVV3	10868	18330	0.46%	0.051%
20	8.158	878	879	886	rVB5	3872	5513	0.14%	0.015%
21	8.281	891	900	913	rBV	405364	683165	17.11%	1.891%
22	8.393	913	919	926	rVB2	13538	24895	0.62%	0.069%
23	8.463	926	931	936	rBV4	7075	12845	0.32%	0.036%
24	8.710	967	973	984	rBV	374277	629651	15.77%	1.743%
25	9.434	1086	1096	1105	rBV	311878	523795	13.12%	1.450%
26	9.969	1178	1187	1197	rBV	415680	694676	17.40%	1.923%
27	10.340	1243	1250	1265	rBV	810925	1317928	33.02%	3.648%
28	10.475	1267	1273	1288	rBV	377328	680432	17.05%	1.883%
29	11.945	1516	1523	1528	rBV2	7001	10496	0.26%	0.029%
30	12.575	1625	1630	1633	rBV6	4421	5282	0.13%	0.015%
31	12.828	1668	1673	1678	rBV2	5964	8439	0.21%	0.023%
32	12.998	1698	1702	1706	rVB7	2839	4648	0.12%	0.013%
33	13.128	1719	1724	1731	rBV5	8125	13796	0.35%	0.038%
34	13.628	1803	1809	1814	rBV	1233466	1754584	43.96%	4.857%

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35	13.675	1814	1817	1827	rVB	457082	597766	14.98%	1.655%
36	13.898	1848	1855	1866	rBV	866620	1270538	31.83%	3.517%
37	14.210	1901	1908	1916	rBV	1375812	2031955	50.90%	5.625%
38	14.422	1938	1944	1963	rBV	311439	527232	13.21%	1.459%
39	14.651	1981	1983	1994	rVB6	5394	11164	0.28%	0.031%
40	15.051	2046	2051	2057	rVB5	5608	10018	0.25%	0.028%
41	15.210	2071	2078	2092	rBV	1356735	1909032	47.83%	5.284%
42	15.334	2092	2099	2111	rVV	424893	591914	14.83%	1.638%
43	15.451	2114	2119	2124	rVB2	15342	23959	0.60%	0.066%
44	15.592	2138	2143	2148	rBV5	2514	4629	0.12%	0.013%
45	15.998	2209	2212	2217	rVB4	7119	8938	0.22%	0.025%
46	16.133	2228	2235	2237	rBV5	3660	6777	0.17%	0.019%
47	16.404	2277	2281	2286	rBV8	3081	5046	0.13%	0.014%
48	16.745	2335	2339	2346	rBV4	8192	12359	0.31%	0.034%
49	16.957	2369	2375	2382	rBV	1925480	2644261	66.24%	7.319%
50	17.057	2386	2392	2402	rVV	1452293	1967955	49.30%	5.447%
51	17.245	2418	2424	2425	rBV5	2584	5120	0.13%	0.014%
52	17.757	2507	2511	2513	rBV5	3901	4990	0.13%	0.014%
53	17.886	2527	2533	2552	rBV	455380	745806	18.68%	2.064%
54	18.186	2582	2584	2588	rVB4	5441	6604	0.17%	0.018%
55	18.445	2624	2628	2632	rVB7	6716	10252	0.26%	0.028%
56	18.563	2644	2648	2652	rBV6	6641	9949	0.25%	0.028%
57	18.992	2718	2721	2723	rBV2	13843	15156	0.38%	0.042%
58	19.022	2724	2726	2729	rVV4	9875	10759	0.27%	0.030%
59	19.174	2747	2752	2761	rBV	195291	316855	7.94%	0.877%
60	19.357	2778	2783	2794	rVB	1753392	2445986	61.28%	6.771%
61	20.851	3033	3037	3040	rBV	51195	79732	2.00%	0.221%
62	20.898	3041	3045	3053	rVV2	583399	783926	19.64%	2.170%
63	21.163	3084	3090	3095	rBV	2965203	3698495	92.66%	10.238%
64	21.774	3191	3194	3200	rVB	215042	262097	6.57%	0.725%
65	22.345	3288	3291	3295	rVB	149940	178930	4.48%	0.495%
66	23.198	3430	3436	3442	rBV	1466365	2501801	62.68%	6.925%
67	23.333	3453	3459	3476	rVB	2138873	3991671	100.00%	11.049%
68	23.886	3550	3553	3560	rVB2	154581	254227	6.37%	0.704%

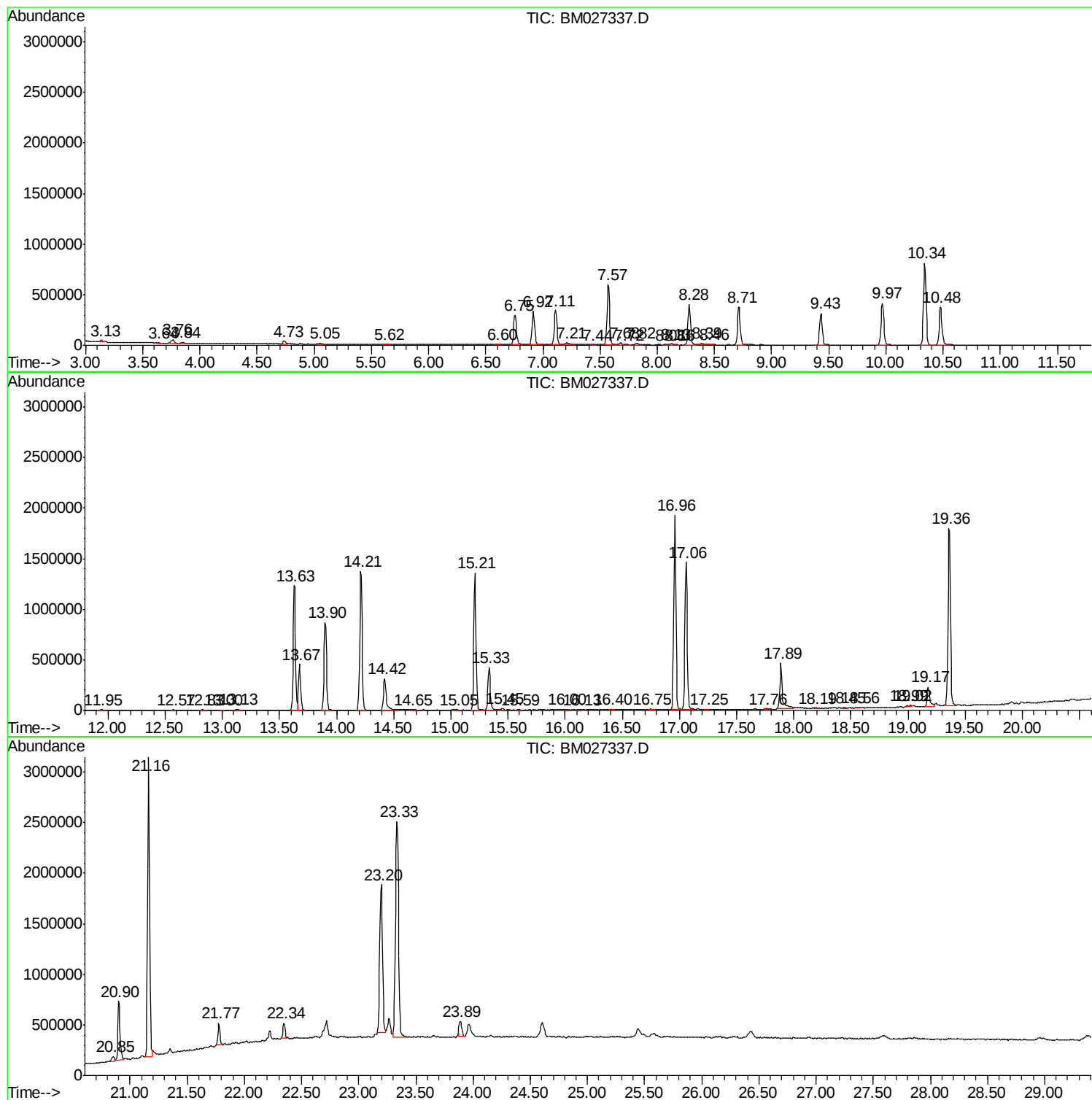
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Quant Title : SVOA CALIBRATION

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



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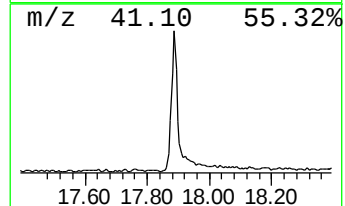
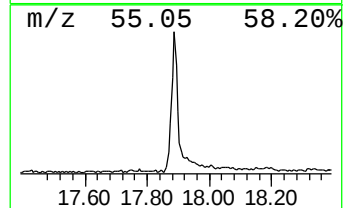
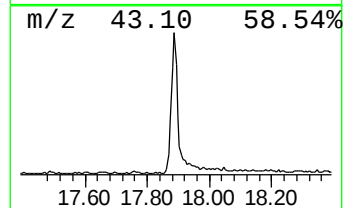
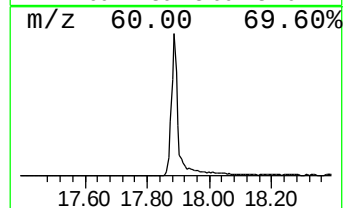
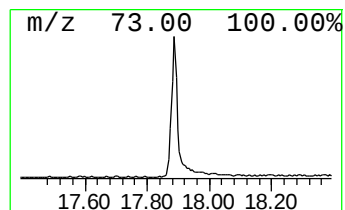
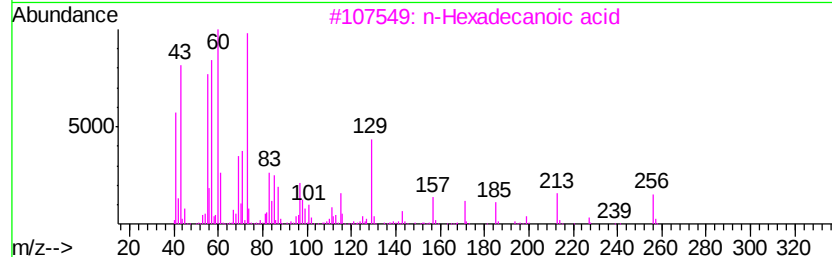
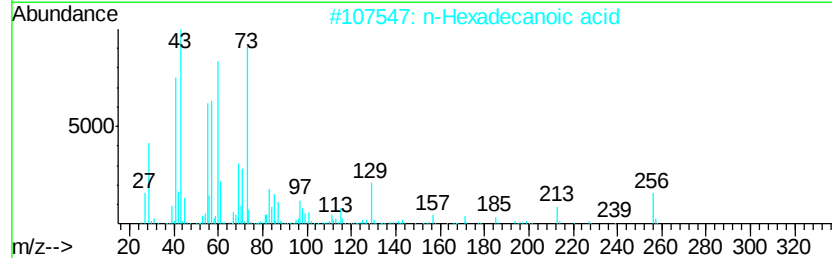
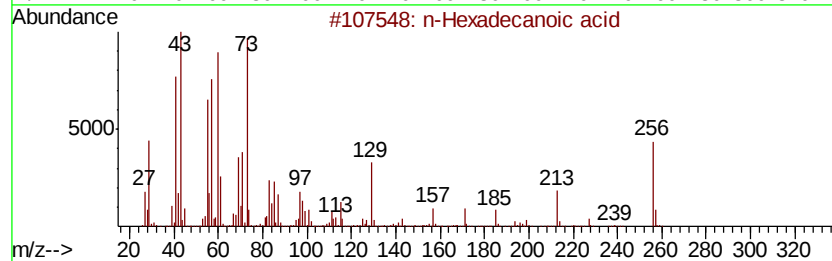
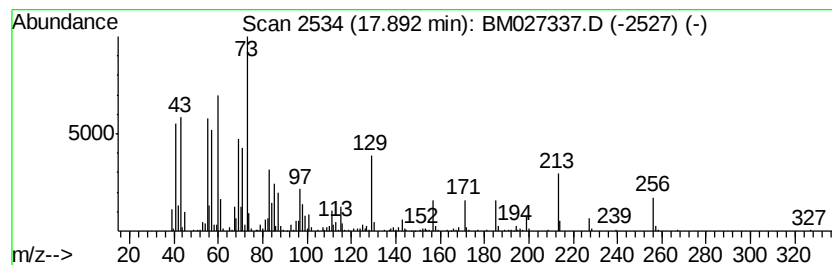
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	5.64 ng/ul	745806	Phenanthrene-d10		16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	58	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53	



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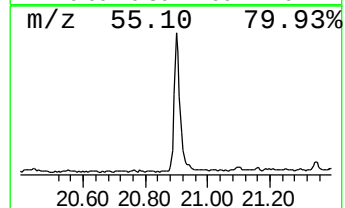
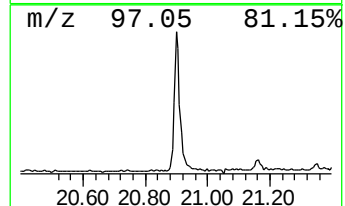
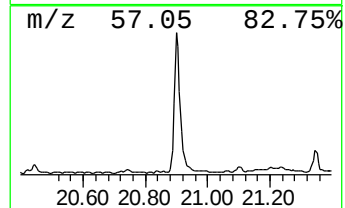
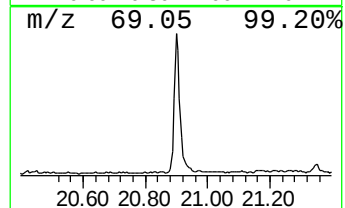
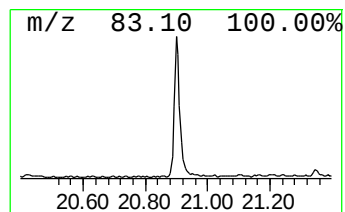
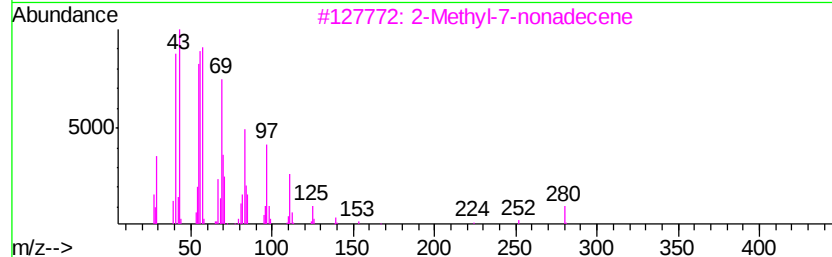
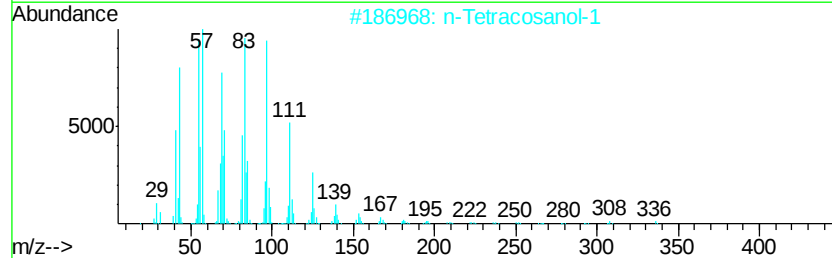
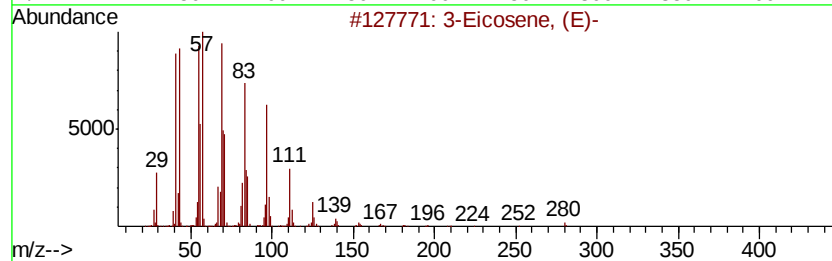
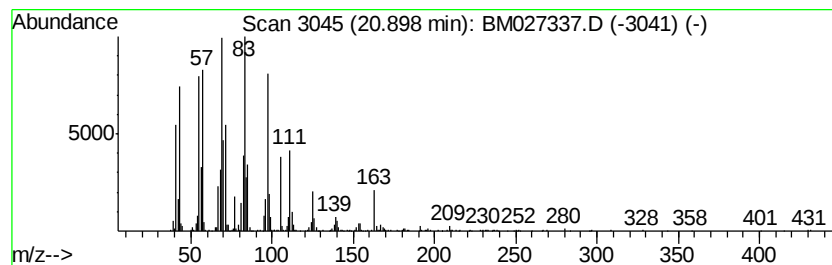
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.24 ng/ul	783926	Chrysene-d12	21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	90
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	89
3			2-Methyl-7-nonadecene	280	C20H40	219750-68-2	89
4			1-Docosene	308	C22H44	001599-67-3	76
5			1-Heneicosanol	312	C21H44O	015594-90-8	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	5.6	ng/ul	745806	4	16.96	2644260	20.0
(DEL) Alkane: Str...	20.90	4.2	ng/ul	783926	5	21.16	3698500	20.0