

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090320\
 Data File : BM027316.D
 Acq On : 03 Sep 2020 14:25
 Operator : JU/CG
 Sample : L3840-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

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-BM082520MA.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	3.140	22	26	37	rVB	26513	42898	1.45%	0.133%
2	3.763	127	132	138	rVB	40045	62122	2.10%	0.192%
3	3.852	143	147	155	rVB4	7490	12608	0.43%	0.039%
4	4.075	180	185	189	rBV4	3221	4989	0.17%	0.015%
5	4.205	205	207	213	rVB7	4033	6387	0.22%	0.020%
6	4.740	294	298	305	rVB	28291	38526	1.31%	0.119%
7	6.757	633	641	653	rBV	388670	630279	21.36%	1.950%
8	6.916	663	668	679	rVB	335228	529156	17.93%	1.637%
9	7.116	694	702	712	rBV	451226	715204	24.23%	2.213%
10	7.210	714	718	726	rVV4	17279	33885	1.15%	0.105%
11	7.575	773	780	790	rBV	560975	862038	29.21%	2.667%
12	8.281	893	900	907	rBV	492413	802718	27.20%	2.484%
13	8.334	907	909	915	rVV2	14389	23294	0.79%	0.072%
14	8.392	915	919	925	rVB	14281	22689	0.77%	0.070%
15	8.716	967	974	992	rBV	435358	708016	23.99%	2.191%
16	9.434	1089	1096	1107	rBV	358412	597237	20.24%	1.848%
17	9.798	1153	1158	1161	rBV3	2358	3010	0.10%	0.009%
18	9.975	1179	1188	1199	rBV	533444	903635	30.62%	2.796%
19	10.345	1243	1251	1258	rBV	713095	1138662	38.58%	3.523%
20	10.481	1265	1274	1290	rBV	463288	815093	27.62%	2.522%
21	11.175	1387	1392	1396	rBV4	1286	3017	0.10%	0.009%
22	11.945	1519	1523	1531	rVB	7462	10726	0.36%	0.033%
23	12.580	1626	1631	1635	rVB4	6191	8909	0.30%	0.028%
24	12.833	1669	1674	1681	rVB3	7284	11407	0.39%	0.035%
25	13.133	1720	1725	1730	rBV2	42385	62457	2.12%	0.193%
26	13.633	1803	1810	1815	rBV	1185930	1576785	53.43%	4.879%
27	13.680	1815	1818	1828	rVB	268908	351714	11.92%	1.088%
28	13.904	1847	1856	1865	rBV	1130262	1612142	54.63%	4.988%
29	14.216	1902	1909	1918	rBV	1178814	1671705	56.64%	5.173%
30	14.422	1939	1944	1960	rBV	277618	487234	16.51%	1.508%
31	15.057	2047	2052	2056	rVB5	5644	8389	0.28%	0.026%
32	15.216	2072	2079	2087	rBV	1503442	2110780	71.52%	6.531%
33	15.339	2094	2100	2112	rBV	358137	507056	17.18%	1.569%
34	15.451	2115	2119	2125	rVB2	16718	25505	0.86%	0.079%

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35	15.780	2174	2175	2180	rBV5	2630	3697	0.13%	0.011%
36	15.998	2208	2212	2218	rVB6	6683	10593	0.36%	0.033%
37	16.127	2231	2234	2237	rBV3	2572	3205	0.11%	0.010%
38	16.610	2313	2316	2319	rBV3	2338	3341	0.11%	0.010%
39	16.645	2319	2322	2326	rVB4	2455	3367	0.11%	0.010%
40	16.757	2335	2341	2345	rBV5	4535	8094	0.27%	0.025%
41	16.963	2370	2376	2382	rVV	1548401	2064864	69.97%	6.389%
42	17.063	2386	2393	2410	rVB	1639700	2329444	78.93%	7.208%
43	17.268	2425	2428	2431	rBV2	3225	3243	0.11%	0.010%
44	17.374	2443	2446	2448	rBV4	3040	3031	0.10%	0.009%
45	17.886	2528	2533	2540	rBV	194623	295980	10.03%	0.916%
46	17.945	2542	2543	2549	rVV	17909	28018	0.95%	0.087%
47	18.010	2552	2554	2556	rBV3	4607	3885	0.13%	0.012%
48	18.192	2582	2585	2587	rVB4	4475	4713	0.16%	0.015%
49	18.445	2625	2628	2631	rBV2	5416	6220	0.21%	0.019%
50	18.568	2646	2649	2652	rVV3	3561	4240	0.14%	0.013%
51	18.662	2663	2665	2667	rBV3	3317	3643	0.12%	0.011%
52	18.733	2675	2677	2679	rBV3	2666	3057	0.10%	0.009%
53	18.833	2688	2694	2697	rBV7	5574	11827	0.40%	0.037%
54	18.998	2718	2722	2724	rBV	16244	19332	0.66%	0.060%
55	19.027	2724	2727	2730	rVB2	8683	11721	0.40%	0.036%
56	19.174	2748	2752	2761	rBV2	88762	146856	4.98%	0.454%
57	19.251	2761	2765	2771	rVB2	19079	34664	1.17%	0.107%
58	19.362	2778	2784	2791	rBV	2271890	2951266	100.00%	9.132%
59	19.904	2872	2876	2881	rBV6	15112	30521	1.03%	0.094%
60	19.951	2882	2884	2887	rVV3	10453	9228	0.31%	0.029%
61	20.903	3042	3046	3054	rBV2	201994	288380	9.77%	0.892%
62	21.162	3085	3090	3095	rBV	1938736	2471248	83.74%	7.647%
63	21.350	3120	3122	3126	rVB2	41456	41439	1.40%	0.128%
64	23.203	3431	3437	3445	rBV	1662759	2744458	92.99%	8.492%
65	23.339	3454	3460	3474	rVB	1309023	2373479	80.42%	7.344%

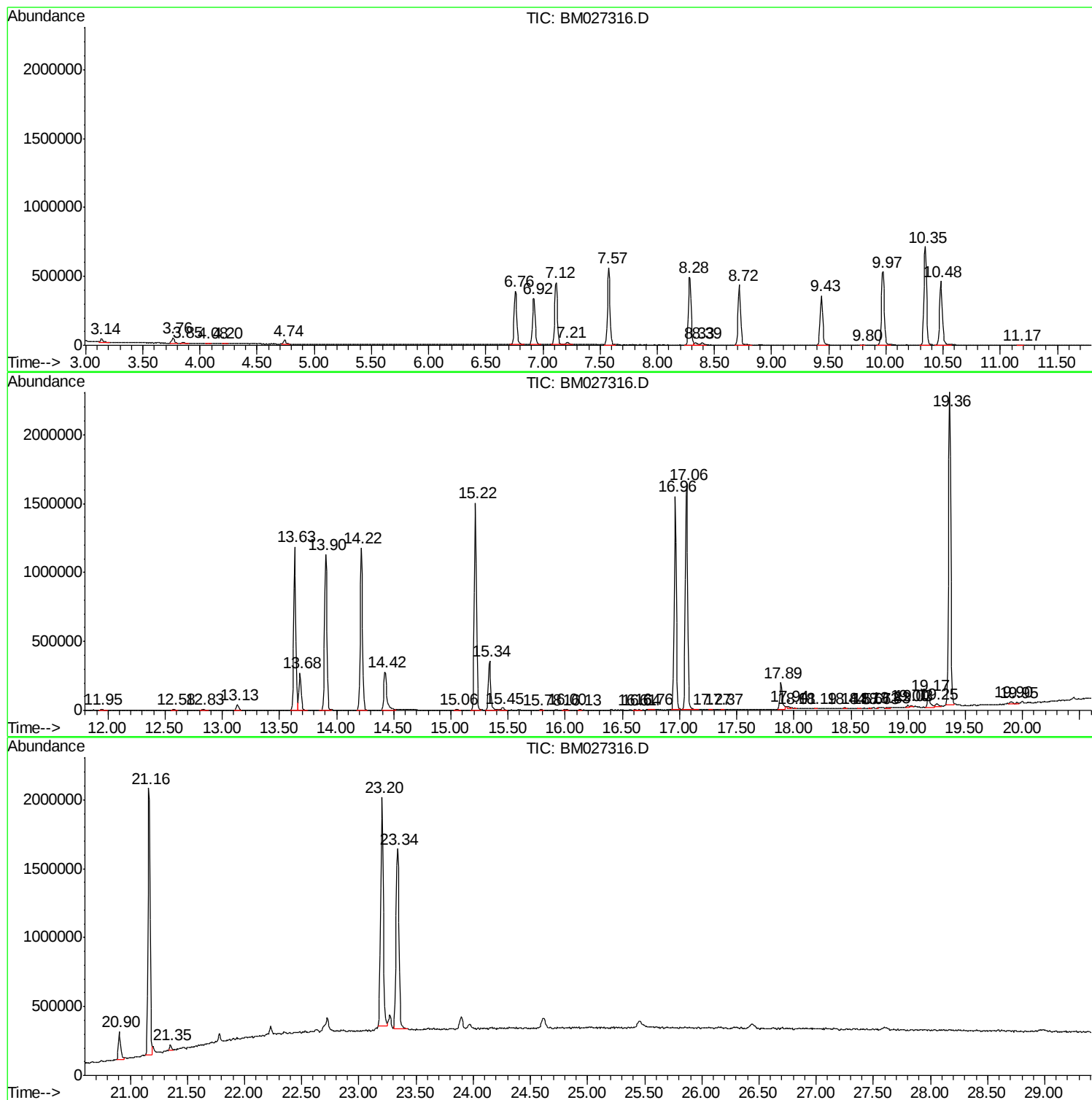
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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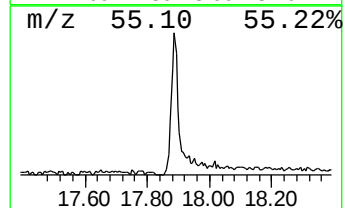
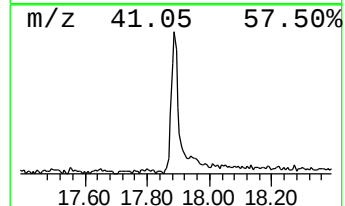
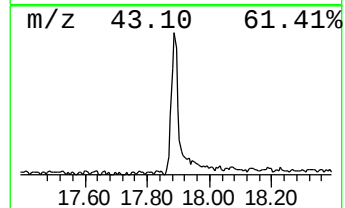
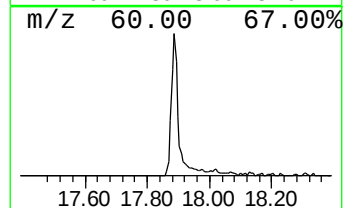
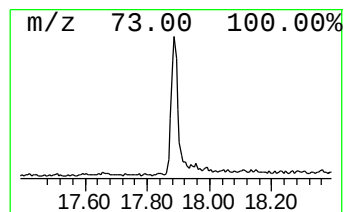
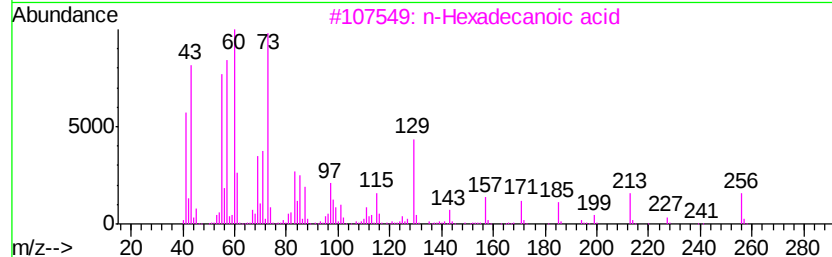
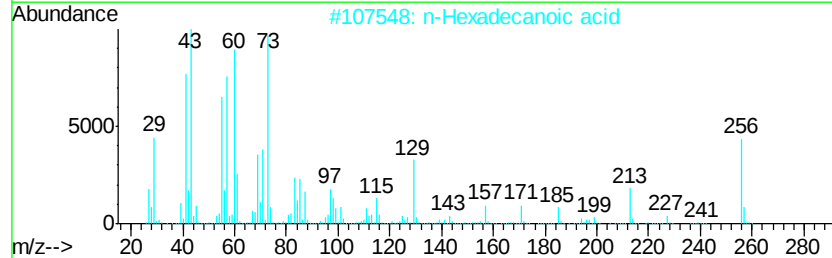
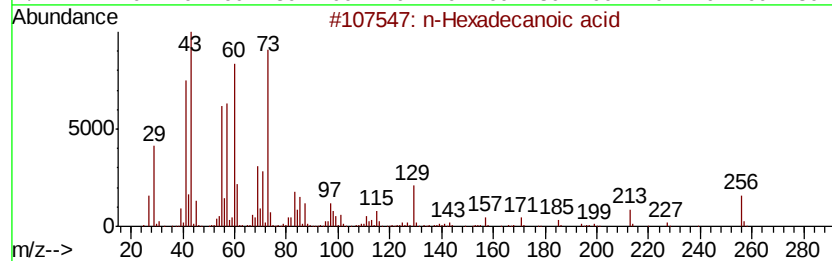
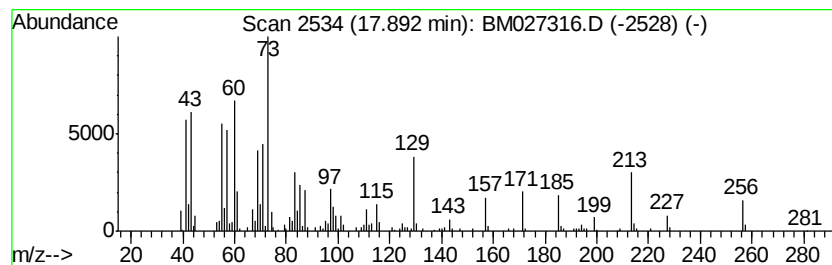
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	2.87 ng/ul	295980	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	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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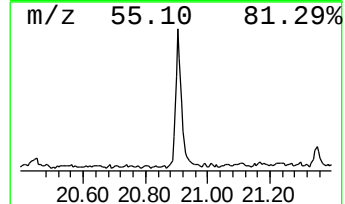
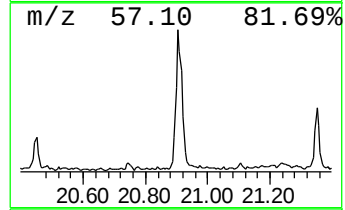
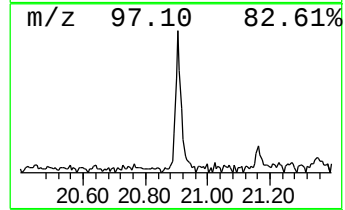
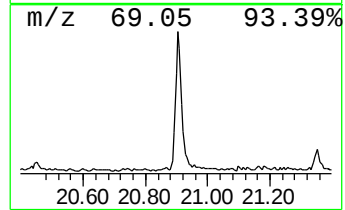
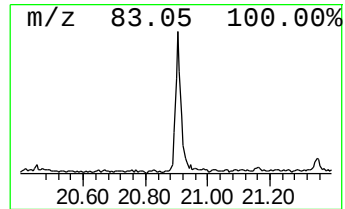
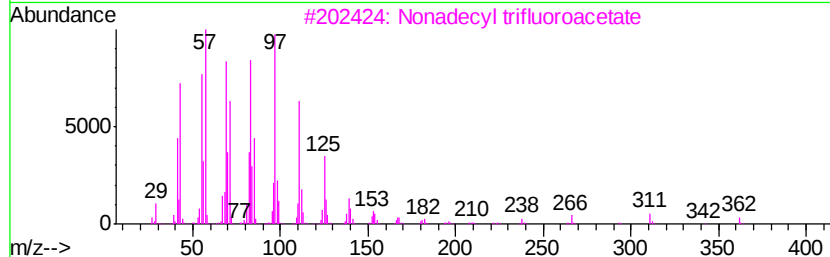
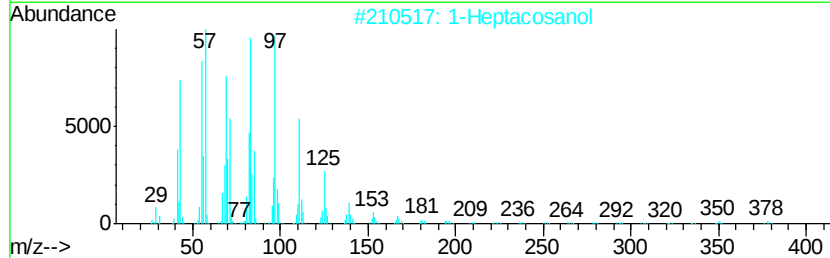
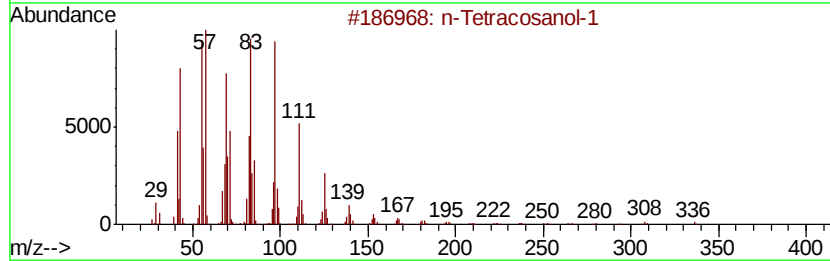
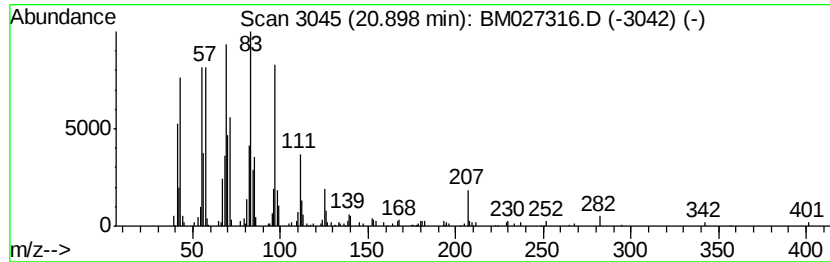
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.33 ng/ul	288380	Chrysene-d12	21.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Tetracosanol-1	354 C24H50O	000506-51-4	91
2	1-Heptacosanol	396 C27H56O	002004-39-9	91
3	Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3	90
4	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	90
5	Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	2.9	ng/ul	295980	4	16.96	2064860	20.0
n-Tetracosanol-1	20.90	2.3	ng/ul	288380	5	21.16	2471250	20.0