LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020376.D
Acq On : 17 May 2019 21:55
Operator : JU/SJ
Sample : K2633-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ95

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	6.898	660	665	676	rBV	166864	302030	25.19%	2.674%
2	7.075	690	695	708	rVB	125351	222768	18.58%	1.972%
3	7.263	721	727	743	rVB	196794	326609	27.23%	2.891%
4	7.734	801	807	816	rBV	160147	262084	21.85%	2.320%
5	8.439	920	927	942	rBV	178343	336673	28.07%	2.980%
6	8.898	998	1005	1014	rBV	159397	279146	23.28%	2.471%
7	9.033	1026	1028	1031	rVB3	2047	1383	0.12%	0.012%
8	9.245	1060	1064	1068	rVB2	3109	4457	0.37%	0.039%
9	9.616	1121	1127	1140	rVB	121468	208980	17.43%	1.850%
10	10.145	1210	1217	1232	rBV	183359	347891	29.01%	3.080%
11	10.522	1275	1281	1289	rBV	196084	340073	28.36%	3.011%
12	10.675	1300	1307	1326	rBV	141904	296202	24.70%	2.622%
13	12.139	1550	1556	1558	rBV3	1394	2250	0.19%	0.020%
14	13.792	1832	1837	1842	rVV	387464	535151	44.62%	4.738%
15	13.839	1842	1845	1856	rVB	117055	169261	14.11%	1.498%
16	14.074	1879	1885	1896	rBV	430858	632022	52.70%	5.595%
17	14.380	1930	1937	1948	rBV2	299712	455050	37.94%	4.028%
18	14.604	1968	1975	1991	rBV2	38663	106729	8.90%	0.945%
19	15.380	2101	2107	2118	rBV	532809	786268	65.56%	6.961%
20	15.509	2123	2129	2136	rVV	88122	132452	11.04%	1.173%
21	15.557	2136	2137	2141	rVV	1135	1249	0.10%	0.011%
22	15.615	2144	2147	2151	rVB2	3749	4819	0.40%	0.043%
23	16.168	2238	2241	2244	rBV	1552	1327	0.11%	0.012%
24	16.915	2366	2368	2372	rVB2	1114	1335	0.11%	0.012%
25	17.133	2398	2405	2415	rBV2	393582	553881	46.19%	4.903%
26	17.233	2416	2422	2440	rVB	561067	836814	69.78%	7.408%
27	17.809	2515	2520	2521	rBV2	948	1301	0.11%	0.012%
28	18.015	2550	2555	2561	rBV	42892	60350	5.03%	0.534%
29	18.056	2561	2562	2567	rVV2	2922	3735	0.31%	0.033%
30	18.274	2596	2599	2602	rBV2	1574	2235	0.19%	0.020%
31	18.450	2626	2629	2632	rBV2	1176	1597	0.13%	0.014%
32	18.486	2634	2635	2639	rBV3	1293	1413	0.12%	0.013%
33	18.568	2647	2649	2651	rBV2	1539	1723	0.14%	0.015%
34	18.621	2655	2658	2660	rVV2	1756	1864	0.16%	0.017%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Title : SVOA CALIBRATION

35	18.798	2684	2688	2689	rBV	1341	1464	0.12%	0.013%
36	18.945	2710	2713	2715	rBV3	2959	2949	0.25%	0.026%
37	19.027	2726	2727	2731	rBV2	1668	1668	0.14%	0.015%
38	19.162	2747	2750	2754	rBV3	5970	8940	0.75%	0.079%
39	19.303	2769	2774	2781	rBV4	9374	18463	1.54%	0.163%
40	19.374	2783	2786	2789	rBV4	2134	3889	0.32%	0.034%
41	19.421	2789	2794	2798	rBV2	4743	7795	0.65%	0.069%
42	19.533	2807	2813	2821	rBV	792481	1072072	89.40%	9.491%
43	21.027	3063	3067	3074	rBV3	88355	140431	11.71%	1.243%
44	21.327	3113	3118	3126	rBV	519560	706600	58.92%	6.255%
45	21.462	3138	3141	3145	rBV4	15705	21356	1.78%	0.189%
46	22.362	3291	3294	3298	rBV4	46879	61202	5.10%	0.542%
47	22.491	3313	3316	3320	rVB2	35525	47928	4.00%	0.424%
48	22.874	3378	3381	3386	rVB2	53598	70183	5.85%	0.621%
49	23.450	3473	3479	3490	rVB2	646305	1199243	100.00%	10.617%
50	23.597	3497	3504	3512	rBV	364355	710668	59.26%	6.291%

Sum of corrected areas: 11295973

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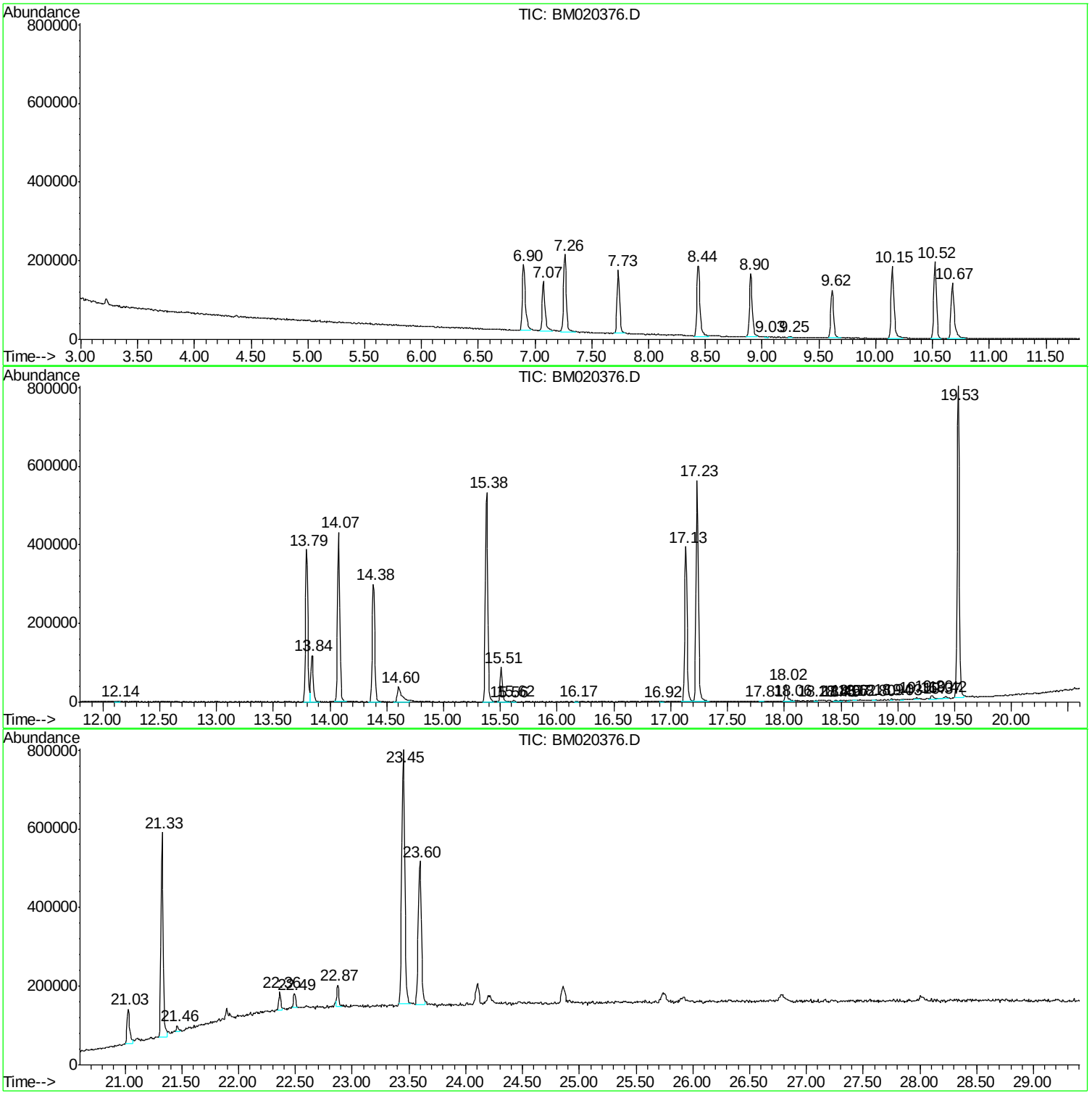
Instrument :
BNA_M
ClientSampleId :
GAJ95

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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Data File : BM020376.D
Acq On : 17 May 2019 21:55
Operator : JU/SJ
Sample : K2633-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ95

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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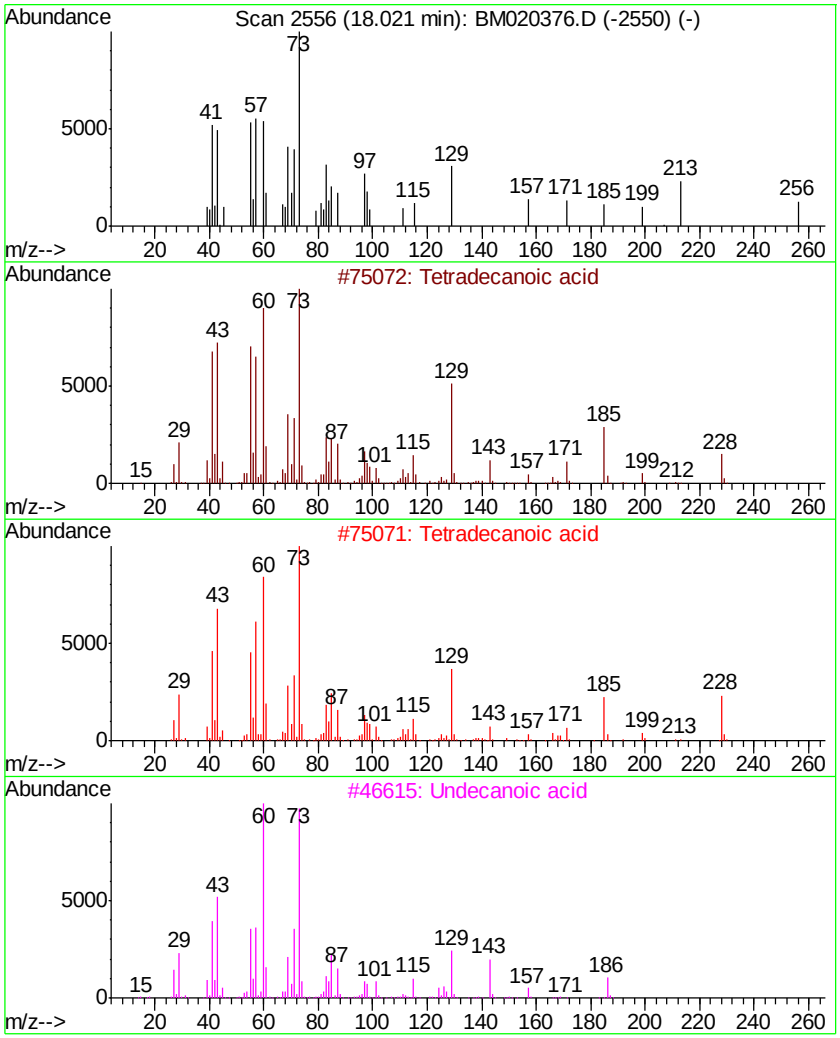
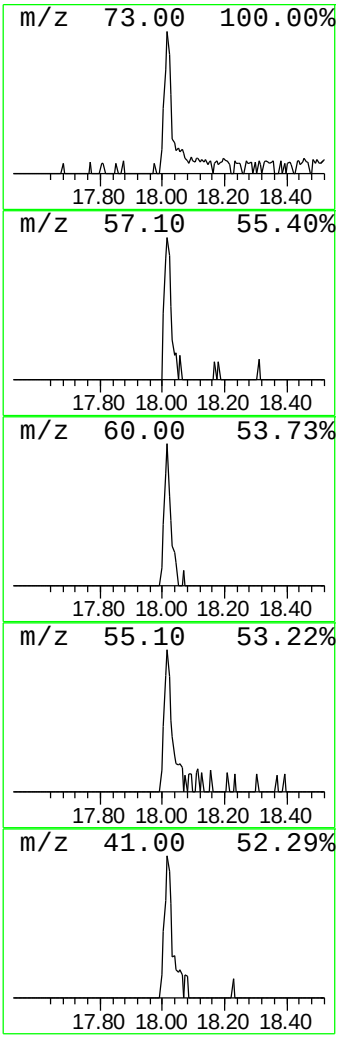
Peak Number 1 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.18 ng/ul	60350	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3	Undecanoic acid	186	C11H22O2	000112-37-8	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47





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Instrument : BNA_M
ClientSampleId : GAJ95

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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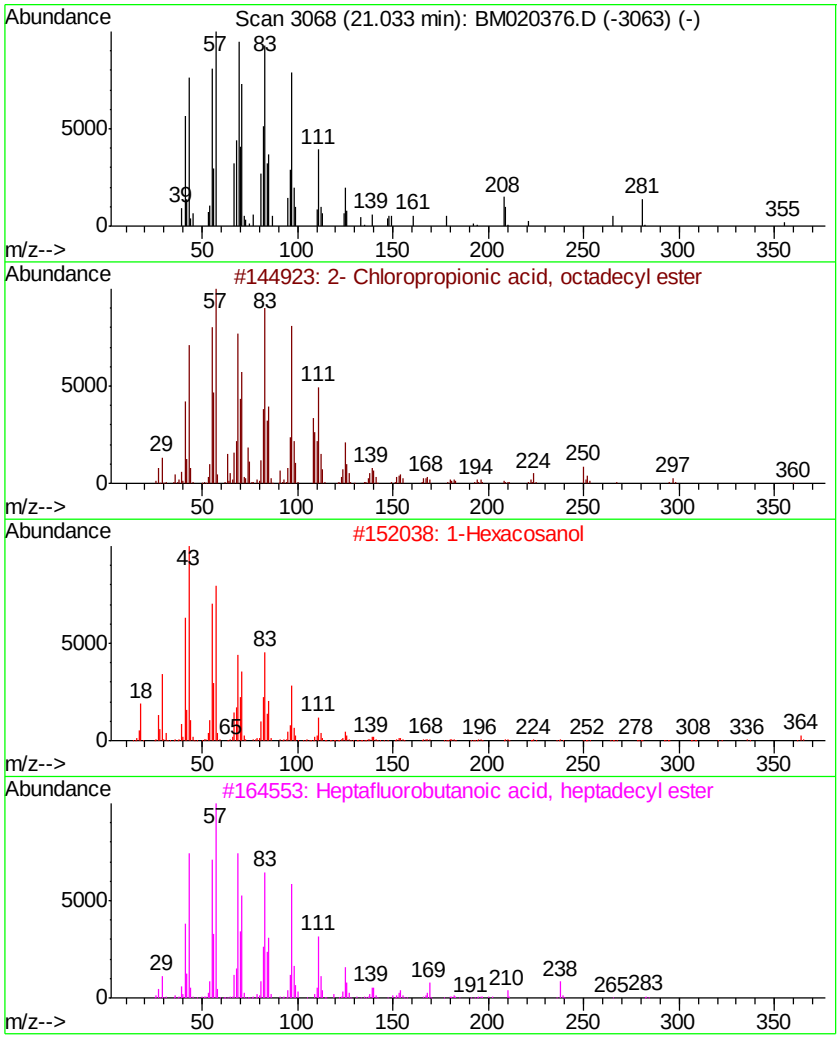
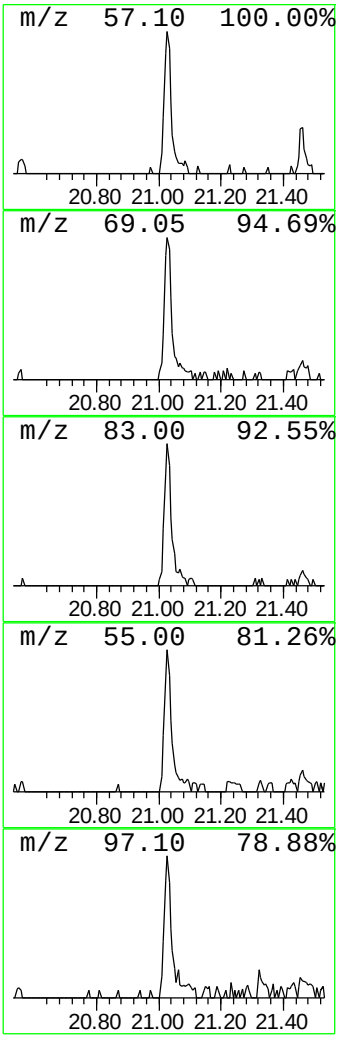
Peak Number 2 2- Chloropropionic acid, oc... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	3.97 ng/ul	140431	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
4	17-Pentatriacontene	491	C35H70	006971-40-0	81
5	1-Docosene	308	C22H44	001599-67-3	76





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
ClientSampleId : GAJ95

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
Tetradecanoic acid	18.02	2.2	ng/ul	60350	4	17.13	553881	20.0
2- Chloropropioni...	21.03	4.0	ng/ul	140431	5	21.33	706600	20.0