LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022354.D
Acq On : 27 Aug 2019 06:27
Operator : HP/JU
Sample : K4464-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJW3

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-BM082219MA.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	31	rVB2	6702	9587	0.60%	0.074%
2	3.710	113	123	127	rBV2	5511	10424	0.65%	0.081%
3	3.810	138	140	145	rVB2	2128	2192	0.14%	0.017%
4	4.199	203	206	212	rVB	2324	2942	0.18%	0.023%
5	5.975	505	508	513	rBB2	1494	2229	0.14%	0.017%
6	6.616	613	617	621	rBB	1230	2131	0.13%	0.016%
7	6.751	633	640	652	rBB	36901	73825	4.59%	0.571%
8	6.898	660	665	677	rBV	115965	194160	12.06%	1.502%
9	7.081	690	696	708	rVB	164190	270826	16.82%	2.096%
10	7.539	769	774	783	rBV	163426	257985	16.02%	1.996%
11	8.269	893	898	910	rBV	119540	206090	12.80%	1.595%
12	8.716	968	974	984	rBV	189338	323413	20.09%	2.503%
13	9.022	1022	1026	1029	rBV2	2307	3666	0.23%	0.028%
14	9.422	1088	1094	1106	rBV	180791	308061	19.13%	2.384%
15	9.963	1180	1186	1202	rBV2	179823	431126	26.78%	3.336%
16	10.316	1239	1246	1255	rBV	240001	396705	24.64%	3.070%
17	10.528	1276	1282	1291	rBB3	6092	13822	0.86%	0.107%
18	11.927	1518	1520	1525	rBB2	2203	3601	0.22%	0.028%
19	13.627	1803	1809	1814	rBV	547956	760988	47.26%	5.889%
20	13.674	1814	1817	1824	rVB	65607	93499	5.81%	0.724%
21	13.892	1847	1854	1861	rBV	611275	874957	54.34%	6.771%
22	14.198	1900	1906	1914	rBV	416105	582775	36.20%	4.510%
23	14.521	1956	1961	1977	rBV4	13239	43451	2.70%	0.336%
24	15.204	2071	2077	2086	rBV	775246	1117110	69.38%	8.645%
25	15.374	2101	2106	2116	rBV	206178	318327	19.77%	2.463%
26	15.439	2116	2117	2122	rVB2	6636	7051	0.44%	0.055%
27	15.910	2193	2197	2200	rBV	2605	3207	0.20%	0.025%
28	15.968	2203	2207	2209	rVV	2789	3076	0.19%	0.024%
29	15.992	2209	2211	2213	rVB	2375	1974	0.12%	0.015%
30	16.739	2334	2338	2339	rBV	1683	1762	0.11%	0.014%
31	16.962	2370	2376	2385	rBV2	542077	729799	45.33%	5.647%
32	17.062	2387	2393	2406	rVB	912681	1265292	78.59%	9.791%
33	17.439	2453	2457	2460	rBV3	1369	1879	0.12%	0.015%
34	17.727	2501	2506	2508	rBV2	1354	2107	0.13%	0.016%

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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-BM082219MA.M
Title : SVOA CALIBRATION

35	17.856	2523	2528	2539	rBV	87270	129733	8.06%	1.004%
36	18.227	2586	2591	2592	rBV3	2615	2924	0.18%	0.023%
37	18.303	2603	2604	2609	rVB2	2198	2269	0.14%	0.018%
38	18.356	2609	2613	2614	rBV3	2270	2309	0.14%	0.018%
39	18.433	2623	2626	2630	rBV4	1672	1995	0.12%	0.015%
40	18.533	2639	2643	2646	rBV3	2513	4490	0.28%	0.035%
41	19.003	2720	2723	2730	rBV	13639	21344	1.33%	0.165%
42	19.150	2744	2748	2753	rBV2	54322	73480	4.56%	0.569%
43	19.256	2763	2766	2772	rVB3	7026	9579	0.59%	0.074%
44	19.374	2780	2786	2796	rBV	1221324	1610077	100.00%	12.459%
45	19.903	2870	2876	2878	rBV6	5205	9471	0.59%	0.073%
46	19.980	2887	2889	2890	rBV2	3265	2175	0.14%	0.017%
47	20.874	3037	3041	3046	rBV	69288	92458	5.74%	0.715%
48	21.174	3087	3092	3101	rBV	573354	763966	47.45%	5.912%
49	22.174	3259	3262	3267	rBV3	37984	51799	3.22%	0.401%
50	23.227	3433	3441	3451	rVB	616944	1206831	74.95%	9.339%
51	23.368	3459	3465	3471	rVB	339483	617668	38.36%	4.780%

Sum of corrected areas: 12922607

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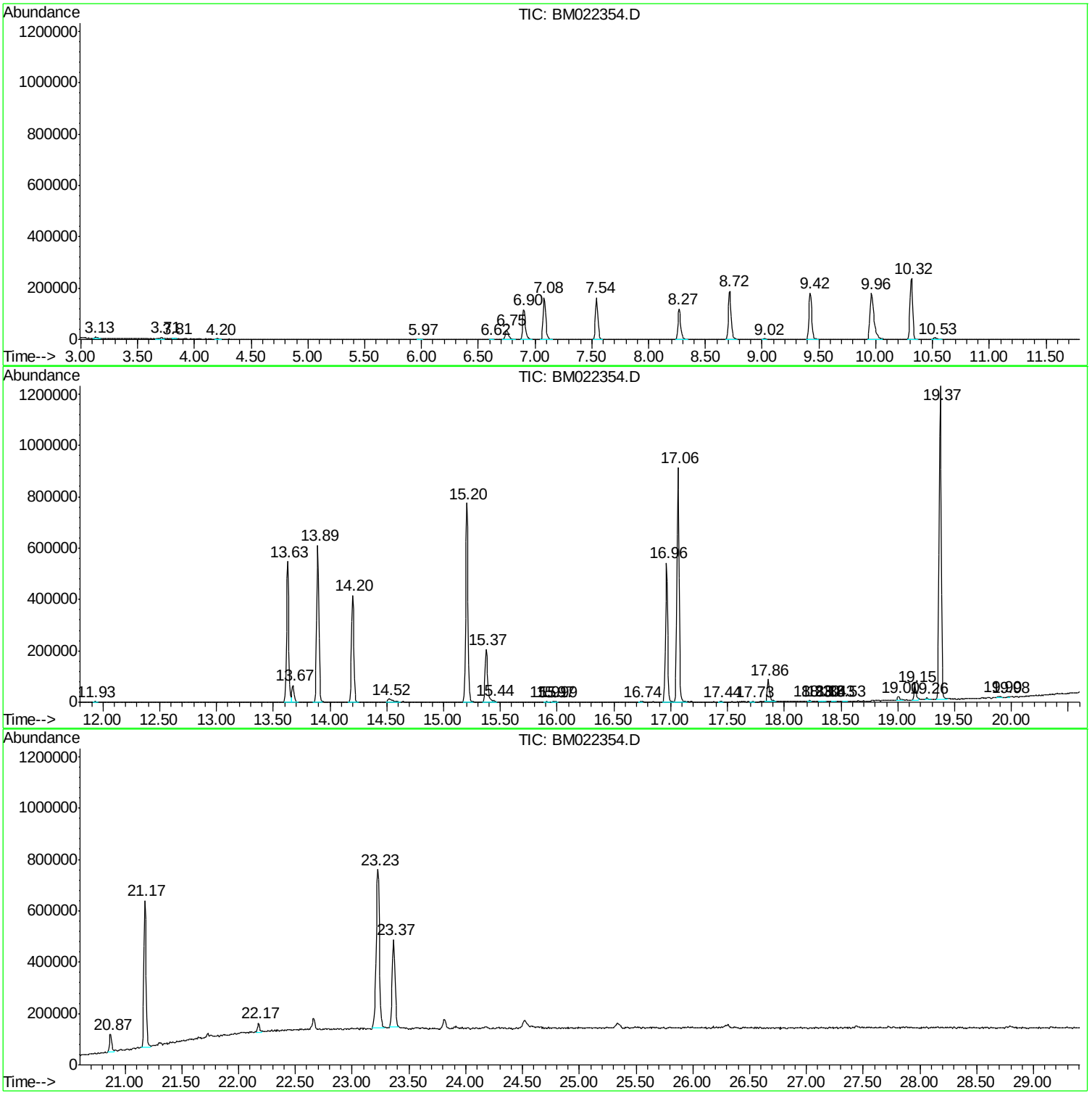
BNA_M
ClientSampleId :
BEJW3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
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Acq On : 27 Aug 2019 06:27
Operator : HP/JU
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Instrument : BNA_M
ClientSampleId : BEJW3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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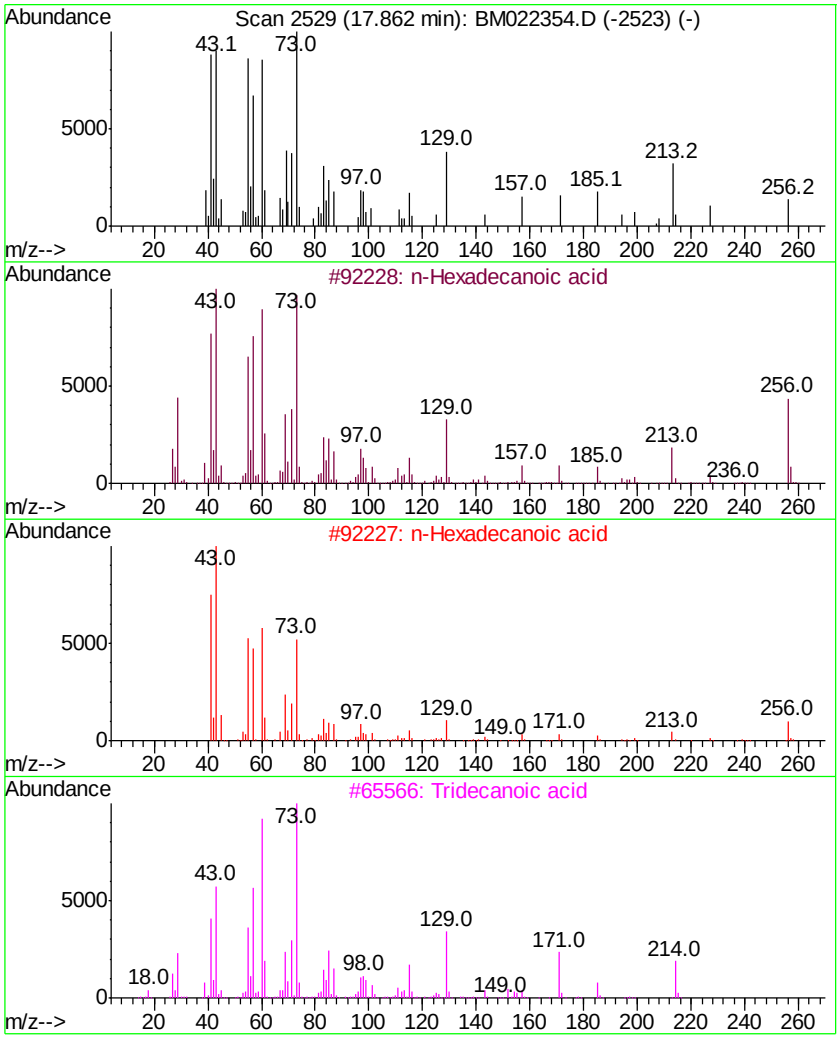
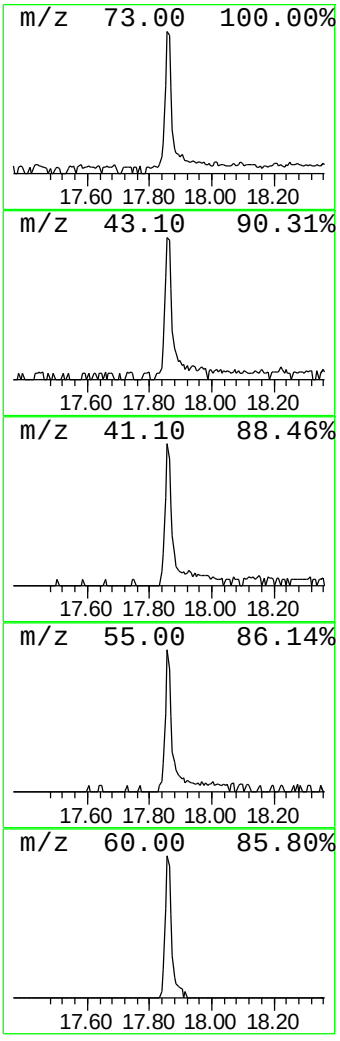
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.56 ng/ul	129733	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	72





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ClientSampleId : BEJW3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

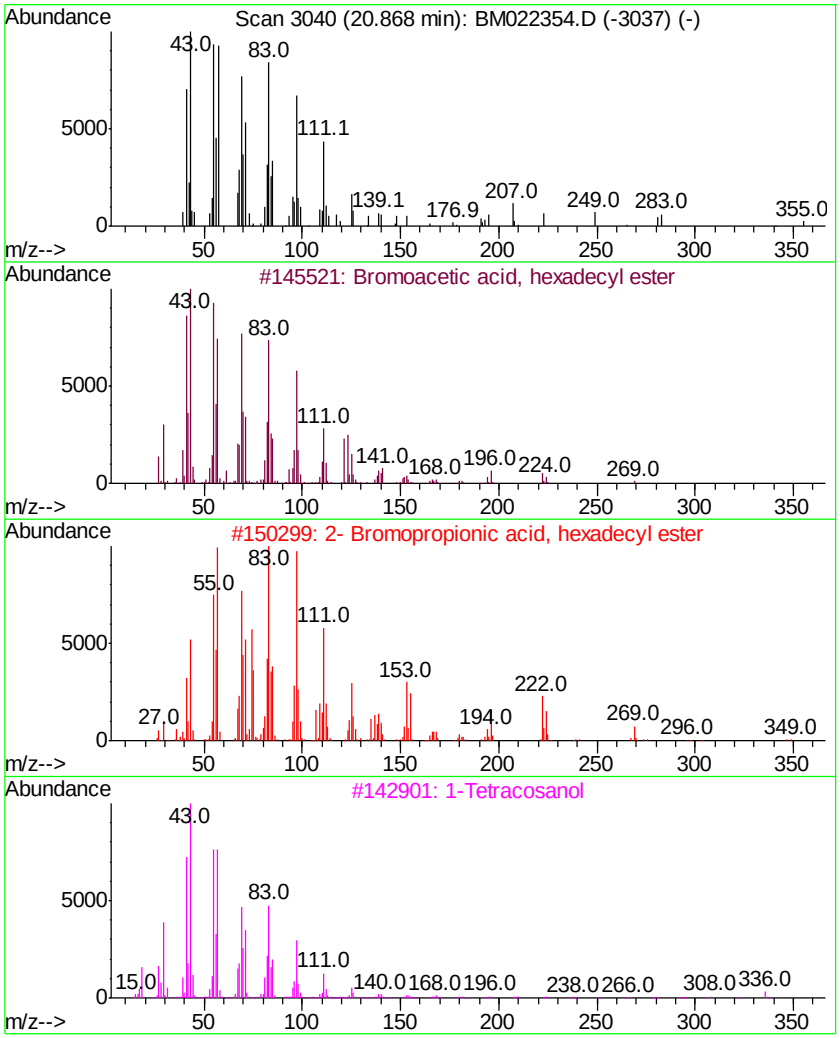
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

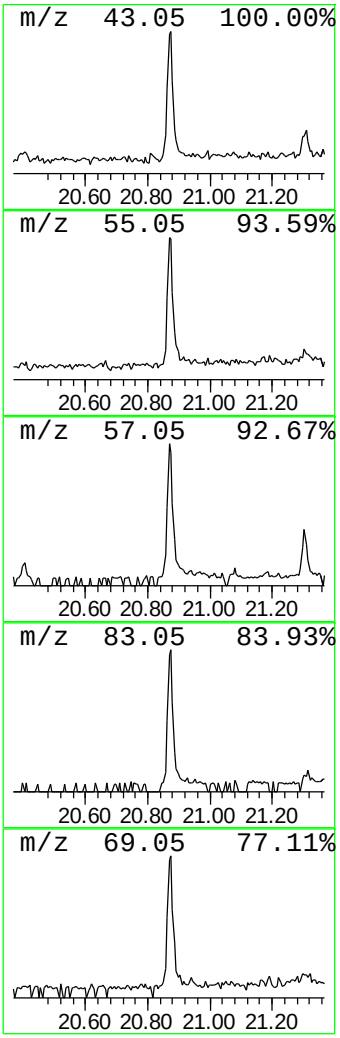
****

Peak Number 2 Bromoacetic acid, hexadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.42 ng/ul	92458	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	93
2	2- Bromopropionic acid, hexadecy...	376	C19H37BrO2	063966-83-6	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	90
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	1-Heptadecanol	256	C17H36O	001454-85-9	87





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJW3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
n-Hexadecanoic acid	17.86	3.6	ng/ul	129733	4	16.96	729799	20.0
Bromoacetic acid,...	20.87	2.4	ng/ul	92458	5	21.17	763966	20.0