

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030920\  
 Data File : BP002125.D  
 Acq On : 09 Mar 2020 17:48  
 Operator : CG/JU  
 Sample : L1834-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0DJ9

## 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\_P\METHODS\SOM-EPA-BP022720MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.917       | 3             | 5           | 16           | rVB      | 893771         | 1111836       | 12.84%          | 1.549%        |
| 2         | 3.164       | 43            | 47          | 54           | rVB      | 62531          | 81923         | 0.95%           | 0.114%        |
| 3         | 3.805       | 154           | 156         | 160          | rVB2     | 8637           | 10104         | 0.12%           | 0.014%        |
| 4         | 3.887       | 168           | 170         | 175          | rVB2     | 10809          | 15181         | 0.18%           | 0.021%        |
| 5         | 4.799       | 321           | 325         | 332          | rVB5     | 8789           | 15390         | 0.18%           | 0.021%        |
| 6         | 4.987       | 353           | 357         | 363          | rVB2     | 21315          | 38560         | 0.45%           | 0.054%        |
| 7         | 6.816       | 662           | 668         | 679          | rBV2     | 195910         | 371253        | 4.29%           | 0.517%        |
| 8         | 6.975       | 688           | 695         | 708          | rBV      | 822398         | 1282344       | 14.81%          | 1.787%        |
| 9         | 7.169       | 720           | 728         | 740          | rBV      | 836871         | 1400813       | 16.17%          | 1.952%        |
| 10        | 7.634       | 800           | 807         | 820          | rBV      | 898946         | 1502425       | 17.35%          | 2.093%        |
| 11        | 7.987       | 859           | 867         | 874          | rBV2     | 16304          | 34988         | 0.40%           | 0.049%        |
| 12        | 8.340       | 920           | 927         | 938          | rBV      | 606250         | 988655        | 11.42%          | 1.378%        |
| 13        | 8.775       | 991           | 1001        | 1012         | rBV      | 916351         | 1527147       | 17.63%          | 2.128%        |
| 14        | 9.040       | 1042          | 1046        | 1049         | rBV      | 5793           | 9569          | 0.11%           | 0.013%        |
| 15        | 9.263       | 1079          | 1084        | 1091         | rVB      | 102558         | 157856        | 1.82%           | 0.220%        |
| 16        | 9.499       | 1116          | 1124        | 1139         | rBV      | 734328         | 1236459       | 14.28%          | 1.723%        |
| 17        | 10.034      | 1208          | 1215        | 1235         | rBV      | 1179547        | 2075333       | 23.96%          | 2.892%        |
| 18        | 10.275      | 1252          | 1256        | 1262         | rVB3     | 6262           | 12807         | 0.15%           | 0.018%        |
| 19        | 10.405      | 1267          | 1278        | 1289         | rBV      | 1262535        | 2156692       | 24.90%          | 3.005%        |
| 20        | 10.552      | 1297          | 1303        | 1313         | rBV2     | 36495          | 81029         | 0.94%           | 0.113%        |
| 21        | 11.757      | 1502          | 1508        | 1512         | rBV      | 56292          | 84838         | 0.98%           | 0.118%        |
| 22        | 11.822      | 1516          | 1519        | 1526         | rVB3     | 7881           | 14229         | 0.16%           | 0.020%        |
| 23        | 12.010      | 1546          | 1551        | 1560         | rVB2     | 19960          | 39163         | 0.45%           | 0.055%        |
| 24        | 12.222      | 1579          | 1587        | 1589         | rBV2     | 6739           | 13238         | 0.15%           | 0.018%        |
| 25        | 13.081      | 1726          | 1733        | 1736         | rBV2     | 8947           | 15469         | 0.18%           | 0.022%        |
| 26        | 13.193      | 1747          | 1752        | 1754         | rBV2     | 7502           | 11591         | 0.13%           | 0.016%        |
| 27        | 13.687      | 1828          | 1836        | 1841         | rBV      | 2621256        | 3619924       | 41.80%          | 5.044%        |
| 28        | 13.734      | 1841          | 1844        | 1853         | rVB      | 154466         | 231495        | 2.67%           | 0.323%        |
| 29        | 13.957      | 1875          | 1882        | 1895         | rBV      | 2953055        | 4451805       | 51.40%          | 6.203%        |
| 30        | 14.269      | 1928          | 1935        | 1945         | rVV      | 2096451        | 3076909       | 35.53%          | 4.287%        |
| 31        | 14.481      | 1965          | 1971        | 1981         | rBV      | 60480          | 154420        | 1.78%           | 0.215%        |
| 32        | 14.604      | 1987          | 1992        | 1995         | rVB4     | 9912           | 16748         | 0.19%           | 0.023%        |
| 33        | 15.110      | 2074          | 2078        | 2082         | rBV3     | 9964           | 14475         | 0.17%           | 0.020%        |
| 34        | 15.269      | 2098          | 2105        | 2119         | rBV      | 4136392        | 5918992       | 68.34%          | 8.247%        |

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Integrator: RTE  
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Start Thrs: 0.2  
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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\_P\METHODS\SOM-EPA-BP022720MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 15.392 | 2120 | 2126 | 2140 | rVV  | 785668  | 1162124 | 13.42%  | 1.619%  |
| 36 | 15.510 | 2142 | 2146 | 2150 | rBV2 | 44286   | 60244   | 0.70%   | 0.084%  |
| 37 | 16.057 | 2236 | 2239 | 2247 | rVB4 | 19773   | 30521   | 0.35%   | 0.043%  |
| 38 | 16.463 | 2305 | 2308 | 2314 | rBV2 | 5328    | 8836    | 0.10%   | 0.012%  |
| 39 | 16.639 | 2335 | 2338 | 2343 | rBV  | 4667    | 8727    | 0.10%   | 0.012%  |
| 40 | 16.704 | 2347 | 2349 | 2353 | rVB2 | 7852    | 9131    | 0.11%   | 0.013%  |
| 41 | 16.810 | 2363 | 2367 | 2372 | rBV  | 12557   | 20382   | 0.24%   | 0.028%  |
| 42 | 17.022 | 2397 | 2403 | 2412 | rBV  | 2563187 | 3638255 | 42.01%  | 5.070%  |
| 43 | 17.122 | 2413 | 2420 | 2437 | rVV2 | 4631839 | 6535411 | 75.46%  | 9.106%  |
| 44 | 17.410 | 2465 | 2469 | 2473 | rBV3 | 5733    | 8668    | 0.10%   | 0.012%  |
| 45 | 17.945 | 2556 | 2560 | 2567 | rBV2 | 68947   | 111801  | 1.29%   | 0.156%  |
| 46 | 18.122 | 2586 | 2590 | 2594 | rBV2 | 6959    | 9317    | 0.11%   | 0.013%  |
| 47 | 18.233 | 2605 | 2609 | 2616 | rBV3 | 21641   | 39671   | 0.46%   | 0.055%  |
| 48 | 18.839 | 2709 | 2712 | 2714 | rBV2 | 6944    | 10239   | 0.12%   | 0.014%  |
| 49 | 19.016 | 2737 | 2742 | 2748 | rBV  | 54530   | 81204   | 0.94%   | 0.113%  |
| 50 | 19.181 | 2768 | 2770 | 2777 | rBV2 | 13441   | 24042   | 0.28%   | 0.033%  |
| 51 | 19.257 | 2779 | 2783 | 2788 | rVB  | 49810   | 66546   | 0.77%   | 0.093%  |
| 52 | 19.369 | 2793 | 2802 | 2813 | rBV  | 6044610 | 8057460 | 93.03%  | 11.227% |
| 53 | 19.604 | 2839 | 2842 | 2846 | rVB  | 22485   | 24013   | 0.28%   | 0.033%  |
| 54 | 20.863 | 3051 | 3056 | 3062 | rBV2 | 135527  | 242654  | 2.80%   | 0.338%  |
| 55 | 21.116 | 3094 | 3099 | 3111 | rBV  | 3468611 | 4435330 | 51.21%  | 6.180%  |
| 56 | 21.292 | 3126 | 3129 | 3133 | rBV  | 52690   | 55685   | 0.64%   | 0.078%  |
| 57 | 21.722 | 3199 | 3202 | 3211 | rBV  | 82075   | 111465  | 1.29%   | 0.155%  |
| 58 | 22.180 | 3277 | 3280 | 3285 | rVB  | 118556  | 165100  | 1.91%   | 0.230%  |
| 59 | 22.310 | 3297 | 3302 | 3310 | rBV  | 307625  | 405769  | 4.69%   | 0.565%  |
| 60 | 22.598 | 3349 | 3351 | 3360 | rVB2 | 56240   | 76269   | 0.88%   | 0.106%  |
| 61 | 22.686 | 3362 | 3366 | 3372 | rVB  | 173078  | 242531  | 2.80%   | 0.338%  |
| 62 | 23.186 | 3443 | 3451 | 3459 | rBV  | 4675532 | 8660737 | 100.00% | 12.068% |
| 63 | 23.257 | 3459 | 3463 | 3467 | rVV  | 220486  | 359387  | 4.15%   | 0.501%  |
| 64 | 23.321 | 3467 | 3474 | 3486 | rVB  | 2492700 | 4753768 | 54.89%  | 6.624%  |
| 65 | 23.898 | 3567 | 3572 | 3579 | rBV  | 169470  | 323937  | 3.74%   | 0.451%  |
| 66 | 24.645 | 3695 | 3699 | 3706 | rVB2 | 124486  | 254382  | 2.94%   | 0.354%  |

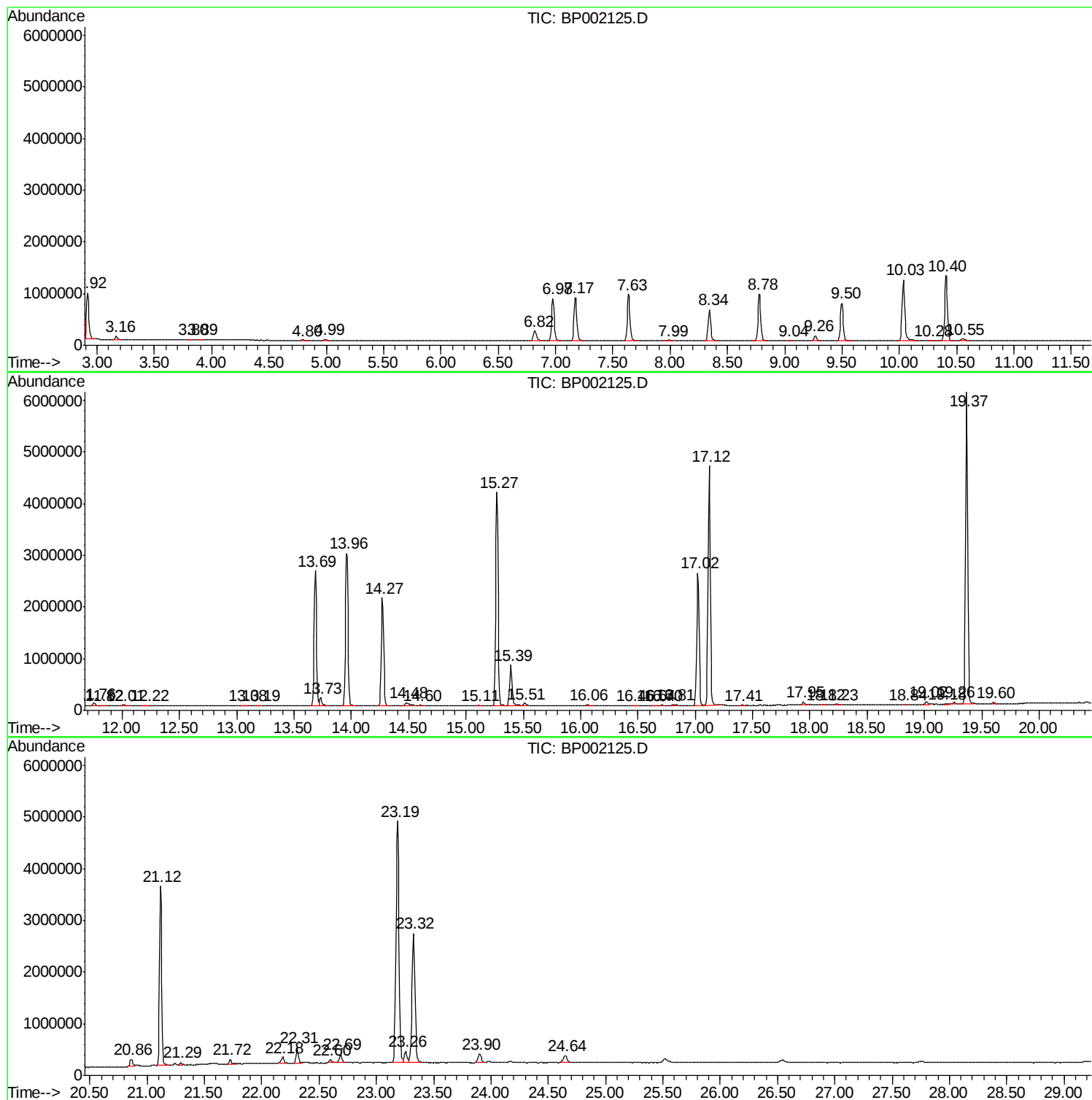
Sum of corrected areas: 71767266

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ClientSampled :  
C0DJ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
Quant Title : SVOA CALIBRATION

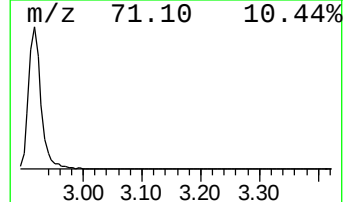
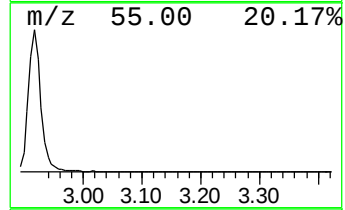
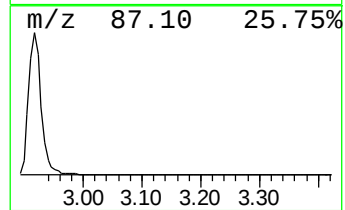
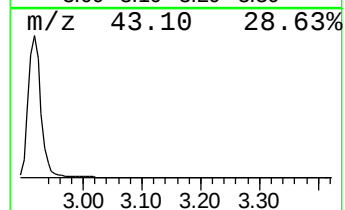
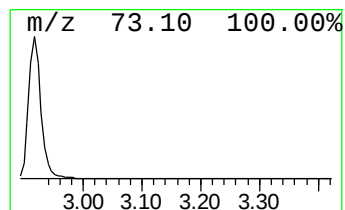
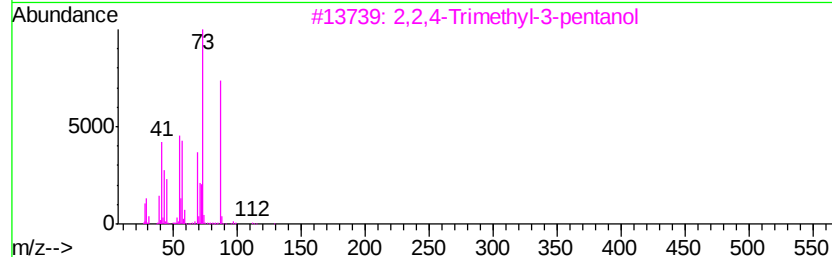
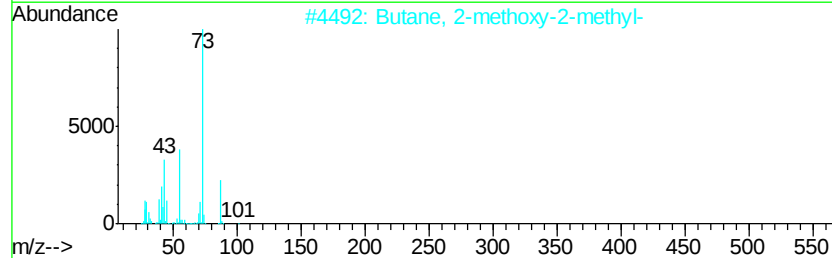
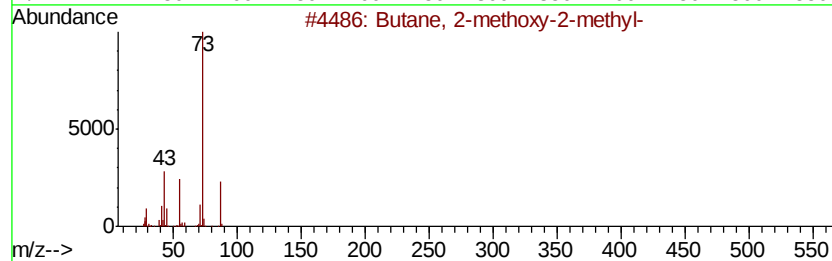
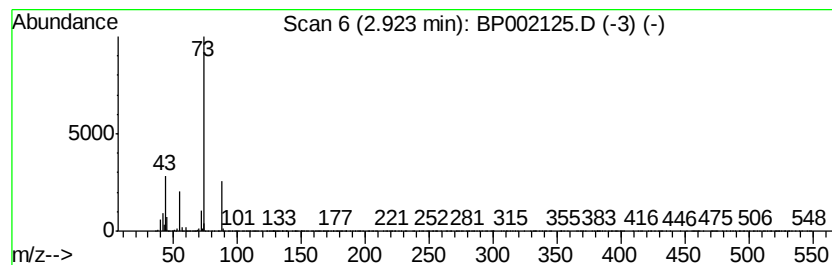
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 2.92 | 14.80 ng/ul | 1111840 | 1,4-Dichlorobenzene-d4 | 7.63 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 2.92 | 14.8    | ng/ul | 1111840  | 1                     | 7.63 | 1502430 | 20.0 |