

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\  
 Data File : BM028202.D  
 Acq On : 19 Dec 2020 18:08  
 Operator : JU/CG  
 Sample : L5071-02  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A54J2

## 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-BM121520MA.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         | 3.416       | 35            | 39          | 48           | rBV      | 23657          | 31426         | 1.75%           | 0.139%        |
| 2         | 3.734       | 87            | 93          | 97           | rBV      | 9051           | 14413         | 0.80%           | 0.064%        |
| 3         | 4.222       | 172           | 176         | 181          | rVB2     | 5523           | 8765          | 0.49%           | 0.039%        |
| 4         | 5.310       | 357           | 361         | 365          | rVB4     | 1680           | 2191          | 0.12%           | 0.010%        |
| 5         | 6.240       | 516           | 519         | 530          | rBV7     | 2187           | 4921          | 0.27%           | 0.022%        |
| 6         | 7.146       | 671           | 673         | 679          | rVB4     | 1217           | 2148          | 0.12%           | 0.009%        |
| 7         | 7.340       | 699           | 706         | 717          | rBV      | 393556         | 643994        | 35.78%          | 2.844%        |
| 8         | 7.516       | 730           | 736         | 745          | rVB      | 301906         | 465721        | 25.87%          | 2.056%        |
| 9         | 7.722       | 764           | 771         | 778          | rBV      | 400355         | 644297        | 35.79%          | 2.845%        |
| 10        | 7.793       | 778           | 783         | 793          | rVV      | 16705          | 28484         | 1.58%           | 0.126%        |
| 11        | 8.204       | 846           | 853         | 860          | rBV      | 475913         | 759902        | 42.21%          | 3.356%        |
| 12        | 8.257       | 860           | 862         | 867          | rVB4     | 3511           | 4339          | 0.24%           | 0.019%        |
| 13        | 8.904       | 965           | 972         | 983          | rBV      | 451475         | 715364        | 39.74%          | 3.159%        |
| 14        | 9.375       | 1044          | 1052        | 1061         | rBV      | 339619         | 564449        | 31.36%          | 2.492%        |
| 15        | 9.463       | 1064          | 1067        | 1073         | rVV3     | 1703           | 1995          | 0.11%           | 0.009%        |
| 16        | 9.534       | 1075          | 1079        | 1082         | rVB5     | 1199           | 1869          | 0.10%           | 0.008%        |
| 17        | 9.769       | 1112          | 1119        | 1123         | rBV      | 5441           | 7027          | 0.39%           | 0.031%        |
| 18        | 10.104      | 1169          | 1176        | 1184         | rBV      | 284905         | 461703        | 25.65%          | 2.039%        |
| 19        | 10.639      | 1258          | 1267        | 1280         | rBV      | 445285         | 732683        | 40.70%          | 3.235%        |
| 20        | 11.033      | 1325          | 1334        | 1342         | rBV      | 611403         | 1032134       | 57.34%          | 4.558%        |
| 21        | 11.157      | 1348          | 1355        | 1363         | rBV      | 432359         | 715318        | 39.74%          | 3.159%        |
| 22        | 11.957      | 1486          | 1491        | 1496         | rBV5     | 1718           | 3138          | 0.17%           | 0.014%        |
| 23        | 12.492      | 1578          | 1582        | 1585         | rVB4     | 2605           | 2972          | 0.17%           | 0.013%        |
| 24        | 12.598      | 1594          | 1600        | 1607         | rVB2     | 6773           | 10102         | 0.56%           | 0.045%        |
| 25        | 13.439      | 1737          | 1743        | 1746         | rBV5     | 1779           | 2892          | 0.16%           | 0.013%        |
| 26        | 13.639      | 1775          | 1777        | 1781         | rVB3     | 2499           | 2511          | 0.14%           | 0.011%        |
| 27        | 13.710      | 1784          | 1789        | 1795         | rBV2     | 8036           | 12582         | 0.70%           | 0.056%        |
| 28        | 14.227      | 1870          | 1877        | 1881         | rBV      | 738057         | 993669        | 55.20%          | 4.388%        |
| 29        | 14.274      | 1881          | 1885        | 1891         | rVB      | 191509         | 253670        | 14.09%          | 1.120%        |
| 30        | 14.451      | 1910          | 1915        | 1921         | rBV4     | 8904           | 13935         | 0.77%           | 0.062%        |
| 31        | 14.527      | 1921          | 1928        | 1936         | rVV      | 848936         | 1221464       | 67.85%          | 5.394%        |
| 32        | 14.704      | 1953          | 1958        | 1963         | rVB4     | 3752           | 4676          | 0.26%           | 0.021%        |
| 33        | 14.827      | 1973          | 1979        | 1989         | rVB      | 840147         | 1221340       | 67.85%          | 5.393%        |
| 34        | 14.998      | 2002          | 2008        | 2017         | rBV      | 324904         | 471888        | 26.21%          | 2.084%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\  
 Data File : BM028202.D  
 Acq On : 19 Dec 2020 18:08  
 Operator : JU/CG  
 Sample : L5071-02  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A54J2

## 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-BM121520MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 15.204 | 2038 | 2043 | 2047 | rBV5 | 2034    | 3638    | 0.20%   | 0.016% |
| 36 | 15.598 | 2102 | 2110 | 2113 | rBV7 | 2484    | 4512    | 0.25%   | 0.020% |
| 37 | 15.645 | 2115 | 2118 | 2122 | rVB5 | 2564    | 3355    | 0.19%   | 0.015% |
| 38 | 15.810 | 2139 | 2146 | 2155 | rBV  | 1071657 | 1463677 | 81.31%  | 6.463% |
| 39 | 15.921 | 2158 | 2165 | 2173 | rBV  | 286364  | 405302  | 22.52%  | 1.790% |
| 40 | 16.045 | 2179 | 2186 | 2190 | rVV2 | 10400   | 15276   | 0.85%   | 0.067% |
| 41 | 16.080 | 2190 | 2192 | 2198 | rVB5 | 1310    | 1941    | 0.11%   | 0.009% |
| 42 | 16.498 | 2258 | 2263 | 2266 | rBV3 | 2387    | 2793    | 0.16%   | 0.012% |
| 43 | 16.580 | 2274 | 2277 | 2283 | rVB3 | 3342    | 5686    | 0.32%   | 0.025% |
| 44 | 16.780 | 2306 | 2311 | 2316 | rBV6 | 1760    | 3250    | 0.18%   | 0.014% |
| 45 | 17.280 | 2392 | 2396 | 2400 | rBV4 | 2622    | 4662    | 0.26%   | 0.021% |
| 46 | 17.339 | 2400 | 2406 | 2409 | rVV3 | 2994    | 5217    | 0.29%   | 0.023% |
| 47 | 17.551 | 2435 | 2442 | 2448 | rBV  | 905281  | 1284839 | 71.38%  | 5.673% |
| 48 | 17.645 | 2452 | 2458 | 2471 | rVB  | 1113239 | 1557534 | 86.52%  | 6.878% |
| 49 | 18.009 | 2517 | 2520 | 2523 | rBV4 | 1909    | 2707    | 0.15%   | 0.012% |
| 50 | 18.404 | 2582 | 2587 | 2595 | rBV  | 72640   | 106574  | 5.92%   | 0.471% |
| 51 | 19.539 | 2777 | 2780 | 2784 | rVB  | 10764   | 14452   | 0.80%   | 0.064% |
| 52 | 19.656 | 2796 | 2800 | 2806 | rBV4 | 27396   | 40059   | 2.23%   | 0.177% |
| 53 | 19.798 | 2821 | 2824 | 2830 | rVB4 | 10054   | 15056   | 0.84%   | 0.066% |
| 54 | 19.904 | 2836 | 2842 | 2848 | rBV  | 1338834 | 1750528 | 97.25%  | 7.730% |
| 55 | 21.345 | 3084 | 3087 | 3095 | rBV  | 267517  | 396761  | 22.04%  | 1.752% |
| 56 | 21.662 | 3136 | 3141 | 3146 | rBV  | 1054268 | 1342045 | 74.55%  | 5.926% |
| 57 | 23.874 | 3511 | 3517 | 3526 | rVB  | 939820  | 1800119 | 100.00% | 7.949% |
| 58 | 24.027 | 3537 | 3543 | 3551 | rVB  | 691708  | 1358441 | 75.46%  | 5.998% |

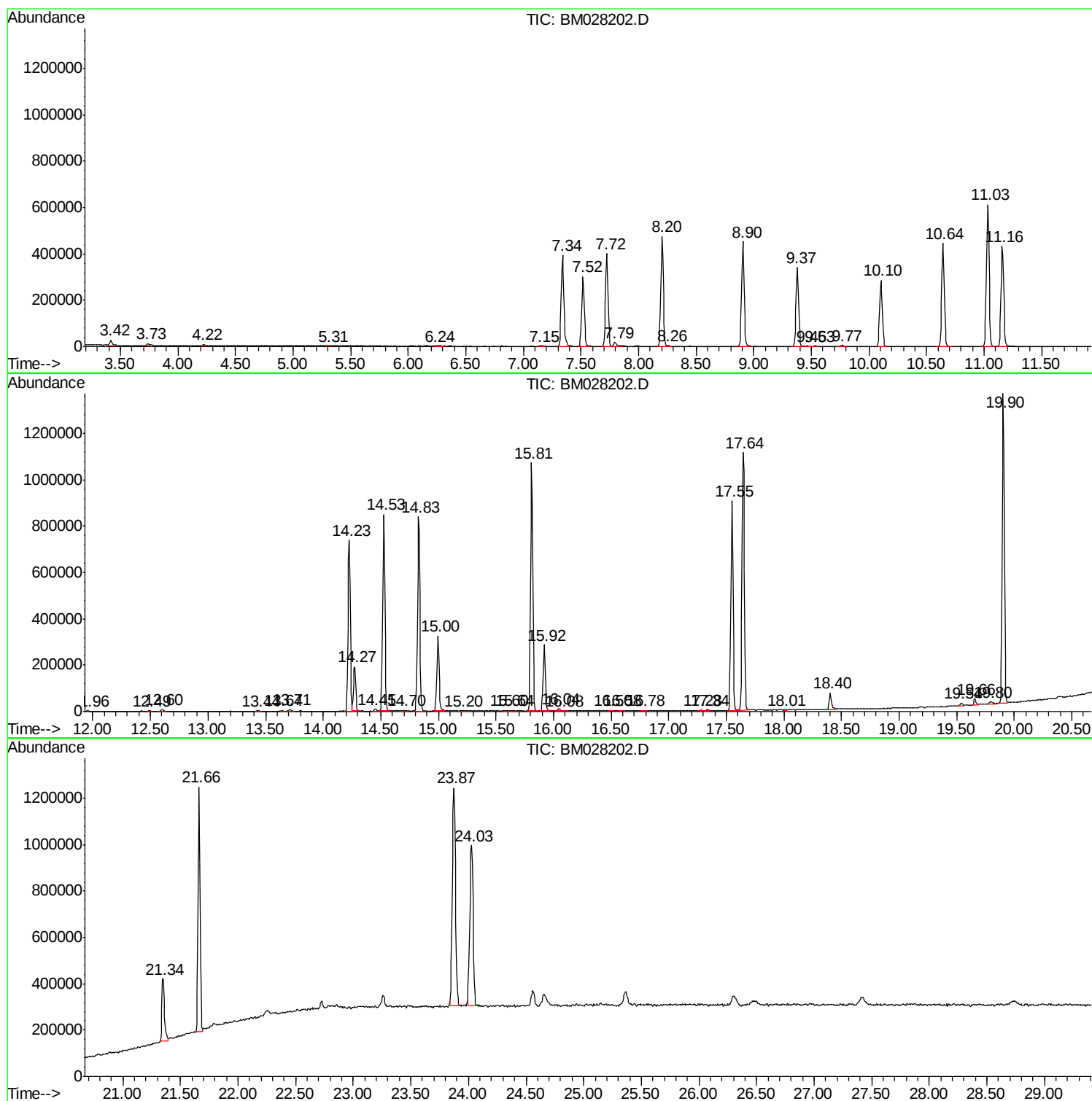
Sum of corrected areas: 22646406

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\  
Data File : BM028202.D  
Acq On : 19 Dec 2020 18:08  
Operator : JU/CG  
Sample : L5071-02  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
A54J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\  
Data File : BM028202.D  
Acq On : 19 Dec 2020 18:08  
Operator : JU/CG  
Sample : L5071-02  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

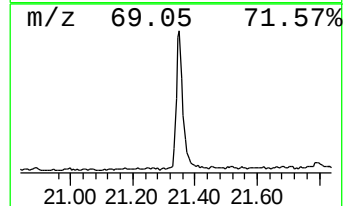
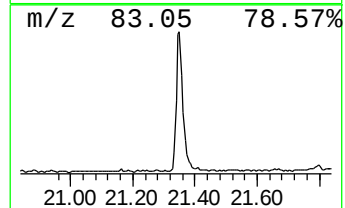
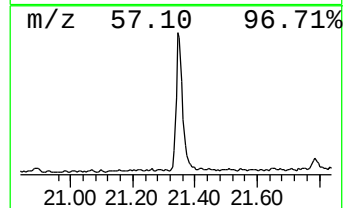
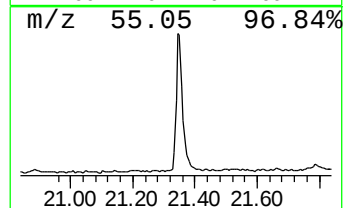
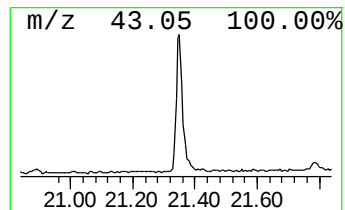
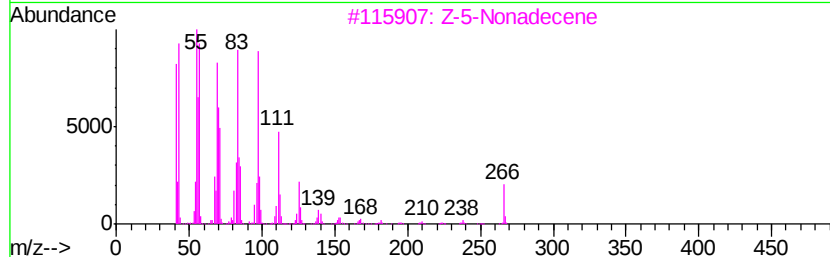
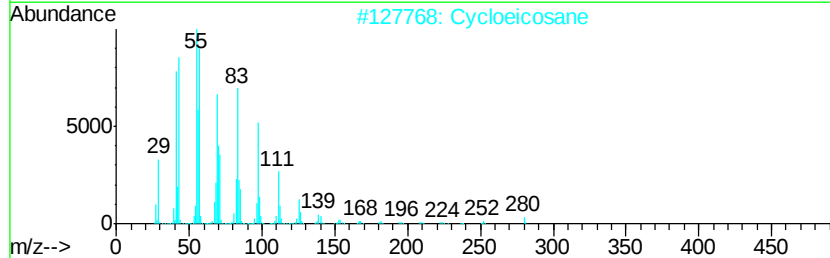
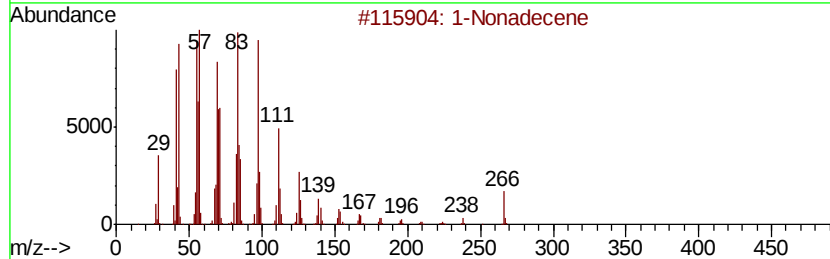
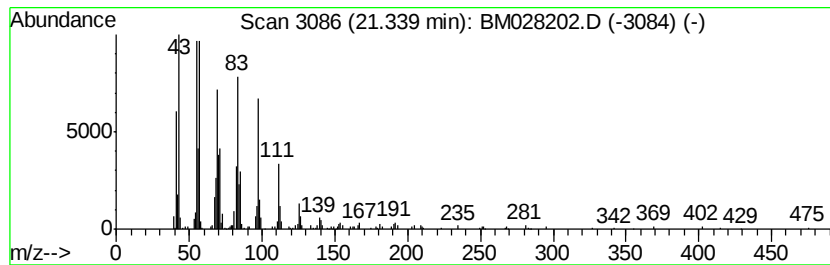
Instrument :  
BNA\_M  
ClientSampleId :  
A54J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 21.34     | 5.91 ng/ul                          | 396761 | Chrysene-d12     | 21.66        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-Nonadecene                        | 266    | C19H38           | 018435-45-5  | 99   |
| 2         | Cycloeicosane                       | 280    | C20H40           | 000296-56-0  | 98   |
| 3         | Z-5-Nonadecene                      | 266    | C19H38           | 1000131-11-8 | 96   |
| 4         | Trifluoroacetic acid, pentadecyl... | 324    | C17H31F3O2       | 959010-23-2  | 94   |
| 5         | Heptadecyl heptafluorobutyrate      | 452    | C21H35F7O2       | 959085-66-6  | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM121820\  
Data File : BM028202.D  
Acq On : 19 Dec 2020 18:08  
Operator : JU/CG  
Sample : L5071-02  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A54J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 21.34 | 5.9     | ng/ul | 396761   | 5                     | 21.66 | 1342050 | 20.0 |