

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103123\  
 Data File : BP017840.D  
 Acq On : 31 Oct 2023 20:25  
 Operator : MA/JU  
 Sample : 04950-11  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A49D3

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\_P\Methods\SFAM-EPA-BP101823.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP017840.D\data.ms

| 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         | 3.275       | 28            | 32          | 42           | rVB2     | 17210          | 41956         | 1.65%           | 0.160%        |
| 2         | 3.722       | 104           | 108         | 119          | rBV      | 37715          | 93714         | 3.68%           | 0.356%        |
| 3         | 3.881       | 131           | 135         | 143          | rVB3     | 15349          | 31307         | 1.23%           | 0.119%        |
| 4         | 4.005       | 154           | 156         | 159          | rVB4     | 5291           | 5213          | 0.20%           | 0.020%        |
| 5         | 4.593       | 251           | 256         | 257          | rBV5     | 2781           | 4063          | 0.16%           | 0.015%        |
| 6         | 4.816       | 292           | 294         | 299          | rVB6     | 3333           | 4396          | 0.17%           | 0.017%        |
| 7         | 4.934       | 310           | 314         | 320          | rVB2     | 8063           | 10751         | 0.42%           | 0.041%        |
| 8         | 5.511       | 407           | 412         | 414          | rBV5     | 2588           | 3556          | 0.14%           | 0.014%        |
| 9         | 5.840       | 464           | 468         | 471          | rBV6     | 1910           | 2756          | 0.11%           | 0.010%        |
| 10        | 5.946       | 483           | 486         | 489          | rBV3     | 2213           | 2566          | 0.10%           | 0.010%        |
| 11        | 6.893       | 645           | 647         | 652          | rBV6     | 2468           | 3713          | 0.15%           | 0.014%        |
| 12        | 7.046       | 667           | 673         | 684          | rBV      | 93264          | 176683        | 6.94%           | 0.672%        |
| 13        | 7.228       | 696           | 704         | 714          | rBV      | 452538         | 735364        | 28.88%          | 2.797%        |
| 14        | 7.405       | 726           | 734         | 745          | rBV      | 424064         | 738514        | 29.01%          | 2.809%        |
| 15        | 7.516       | 750           | 753         | 760          | rVB9     | 3328           | 7064          | 0.28%           | 0.027%        |
| 16        | 7.805       | 799           | 802         | 807          | rVB6     | 2013           | 2965          | 0.12%           | 0.011%        |
| 17        | 7.881       | 807           | 815         | 828          | rBV      | 475042         | 789901        | 31.03%          | 3.004%        |
| 18        | 8.481       | 912           | 917         | 918          | rBV5     | 2817           | 3141          | 0.12%           | 0.012%        |
| 19        | 8.604       | 932           | 938         | 956          | rVV      | 283174         | 512844        | 20.14%          | 1.950%        |
| 20        | 9.087       | 1012          | 1020        | 1039         | rBV      | 547954         | 933963        | 36.68%          | 3.552%        |
| 21        | 9.269       | 1047          | 1051        | 1058         | rVB4     | 7209           | 12236         | 0.48%           | 0.047%        |
| 22        | 9.804       | 1134          | 1142        | 1153         | rBV      | 425371         | 743772        | 29.21%          | 2.829%        |
| 23        | 9.969       | 1168          | 1170        | 1178         | rVB8     | 4142           | 6703          | 0.26%           | 0.025%        |
| 24        | 10.328      | 1223          | 1231        | 1249         | rBV      | 513624         | 988302        | 38.82%          | 3.759%        |
| 25        | 10.522      | 1261          | 1264        | 1268         | rVV6     | 1806           | 2736          | 0.11%           | 0.010%        |
| 26        | 10.710      | 1289          | 1296        | 1304         | rBV      | 584849         | 971424        | 38.16%          | 3.695%        |
| 27        | 10.887      | 1319          | 1326        | 1344         | rBV      | 355398         | 694106        | 27.26%          | 2.640%        |
| 28        | 11.740      | 1467          | 1471        | 1474         | rBV6     | 2734           | 3519          | 0.14%           | 0.013%        |
| 29        | 11.887      | 1494          | 1496        | 1499         | rBV4     | 2194           | 2783          | 0.11%           | 0.011%        |
| 30        | 12.057      | 1521          | 1525        | 1530         | rVB8     | 2008           | 3546          | 0.14%           | 0.013%        |
| 31        | 12.316      | 1562          | 1569        | 1576         | rBV4     | 9279           | 20433         | 0.80%           | 0.078%        |
| 32        | 13.140      | 1704          | 1709        | 1711         | rBV6     | 2544           | 3119          | 0.12%           | 0.012%        |
| 33        | 13.322      | 1734          | 1740        | 1744         | rBV8     | 4515           | 6626          | 0.26%           | 0.025%        |
| 34        | 13.410      | 1749          | 1755        | 1763         | rBV      | 36462          | 63791         | 2.51%           | 0.243%        |
| 35        | 13.992      | 1848          | 1854        | 1866         | rBV      | 1057770        | 1500060       | 58.92%          | 5.705%        |
| 36        | 14.275      | 1895          | 1902        | 1916         | rBV      | 1226473        | 1737490       | 68.25%          | 6.608%        |

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Integration Parameters: LSCINT.P

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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\_P\Methods\SFAM-EPA-BP101823.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 14.410 | 1922 | 1925 | 1931 | rVB8 | 3185    | 4595    | 0.18%   | 0.017% |
| 38 | 14.575 | 1943 | 1953 | 1962 | rBV  | 775598  | 1153640 | 45.31%  | 4.388% |
| 39 | 14.857 | 1997 | 2001 | 2004 | rBV3 | 14845   | 26199   | 1.03%   | 0.100% |
| 40 | 14.975 | 2017 | 2021 | 2025 | rVB7 | 4408    | 6479    | 0.25%   | 0.025% |
| 41 | 15.369 | 2085 | 2088 | 2090 | rBV4 | 2402    | 2911    | 0.11%   | 0.011% |
| 42 | 15.581 | 2117 | 2124 | 2137 | rBV  | 1480112 | 2140279 | 84.07%  | 8.140% |
| 43 | 15.728 | 2143 | 2149 | 2162 | rBV  | 364799  | 558826  | 21.95%  | 2.125% |
| 44 | 15.822 | 2162 | 2165 | 2170 | rVB5 | 8294    | 13803   | 0.54%   | 0.052% |
| 45 | 16.375 | 2254 | 2259 | 2262 | rVB7 | 2678    | 4153    | 0.16%   | 0.016% |
| 46 | 16.639 | 2300 | 2304 | 2308 | rVB6 | 2882    | 4117    | 0.16%   | 0.016% |
| 47 | 16.722 | 2315 | 2318 | 2321 | rBV5 | 3216    | 4103    | 0.16%   | 0.016% |
| 48 | 16.939 | 2352 | 2355 | 2360 | rBV6 | 2007    | 2888    | 0.11%   | 0.011% |
| 49 | 17.157 | 2389 | 2392 | 2395 | rVB5 | 4037    | 5267    | 0.21%   | 0.020% |
| 50 | 17.233 | 2403 | 2405 | 2412 | rVB7 | 3055    | 4907    | 0.19%   | 0.019% |
| 51 | 17.369 | 2417 | 2428 | 2439 | rBV  | 933476  | 1295589 | 50.89%  | 4.927% |
| 52 | 17.469 | 2439 | 2445 | 2458 | rBV2 | 1536181 | 2205352 | 86.62%  | 8.387% |
| 53 | 18.004 | 2532 | 2536 | 2543 | rVB8 | 6871    | 10155   | 0.40%   | 0.039% |
| 54 | 18.222 | 2568 | 2573 | 2580 | rBV  | 138148  | 198988  | 7.82%   | 0.757% |
| 55 | 18.310 | 2587 | 2588 | 2593 | rVB4 | 5423    | 5899    | 0.23%   | 0.022% |
| 56 | 18.763 | 2662 | 2665 | 2666 | rBV3 | 5455    | 4885    | 0.19%   | 0.019% |
| 57 | 19.298 | 2752 | 2756 | 2760 | rBV4 | 21649   | 31829   | 1.25%   | 0.121% |
| 58 | 19.374 | 2764 | 2769 | 2774 | rVB2 | 21063   | 34844   | 1.37%   | 0.133% |
| 59 | 19.469 | 2781 | 2785 | 2791 | rBV3 | 78360   | 106552  | 4.19%   | 0.405% |
| 60 | 19.733 | 2824 | 2830 | 2839 | rBV  | 1915533 | 2545927 | 100.00% | 9.683% |
| 61 | 21.186 | 3073 | 3077 | 3086 | rVB6 | 54121   | 106020  | 4.16%   | 0.403% |
| 62 | 21.516 | 3128 | 3133 | 3140 | rBV  | 1005763 | 1274493 | 50.06%  | 4.847% |
| 63 | 23.904 | 3531 | 3539 | 3550 | rBV2 | 1157116 | 2395903 | 94.11%  | 9.112% |
| 64 | 24.074 | 3561 | 3568 | 3577 | rVB  | 637012  | 1279916 | 50.27%  | 4.868% |

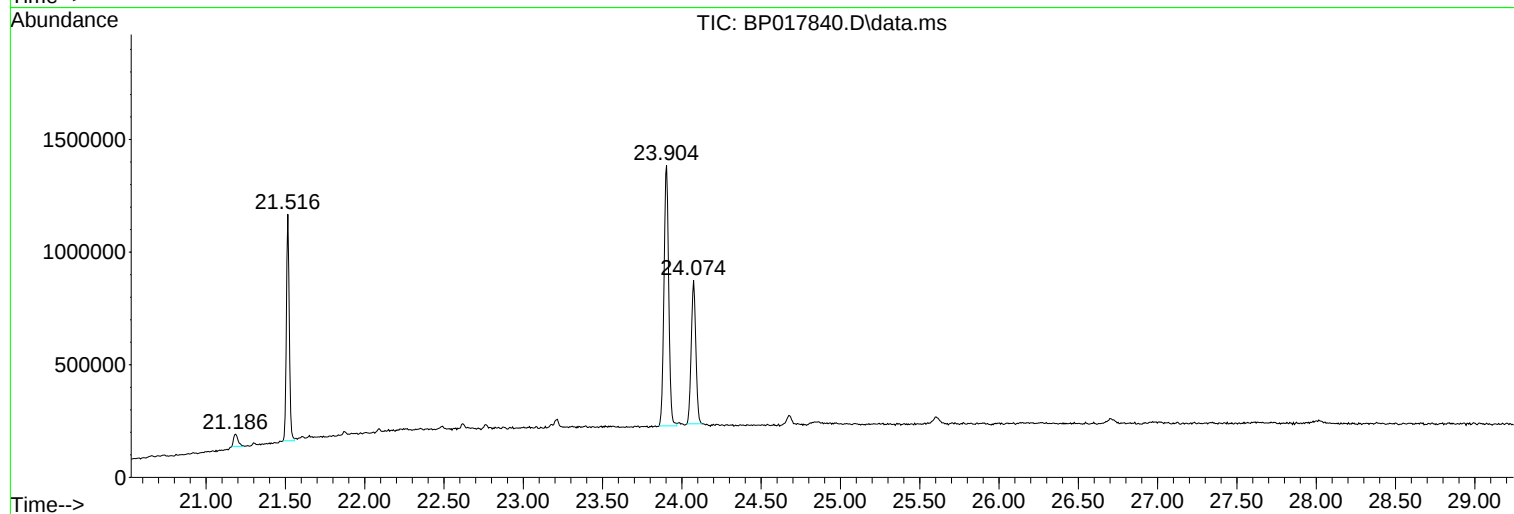
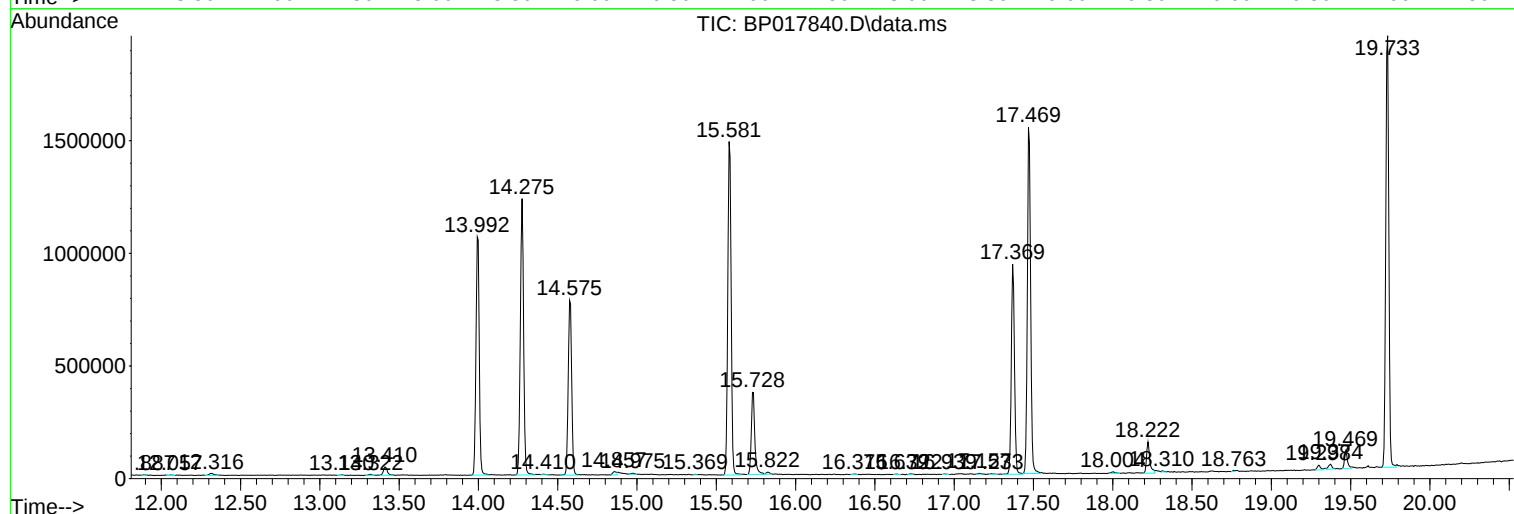
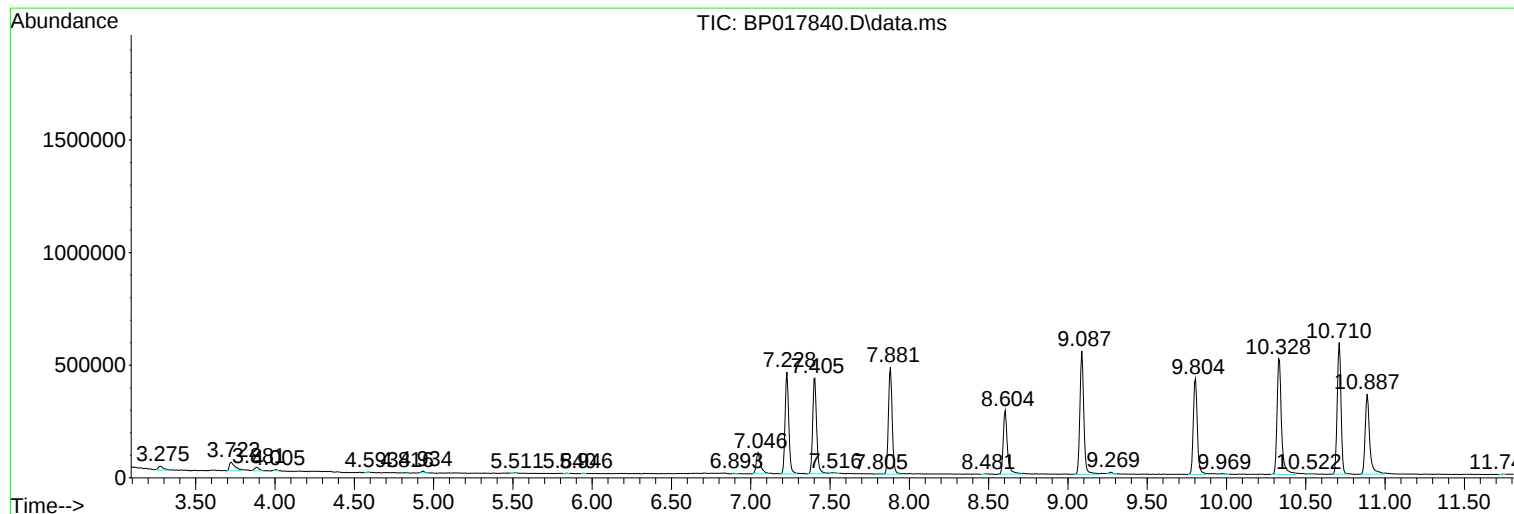
Sum of corrected areas: 26293595

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Instrument :  
BNA\_P  
ClientSampleId :  
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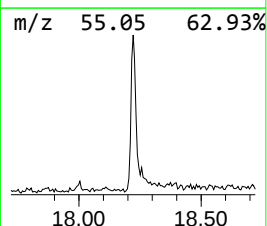
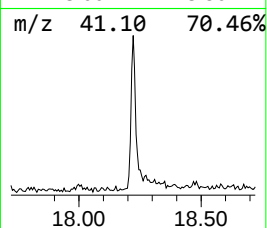
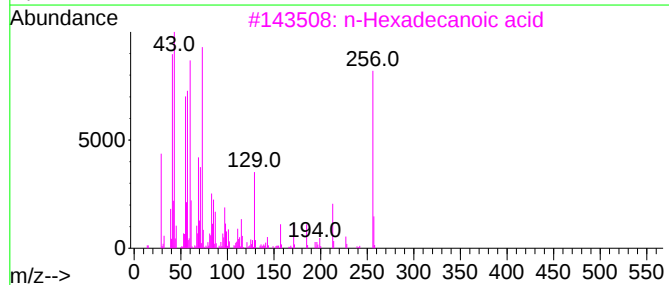
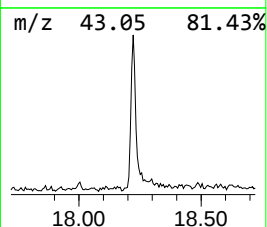
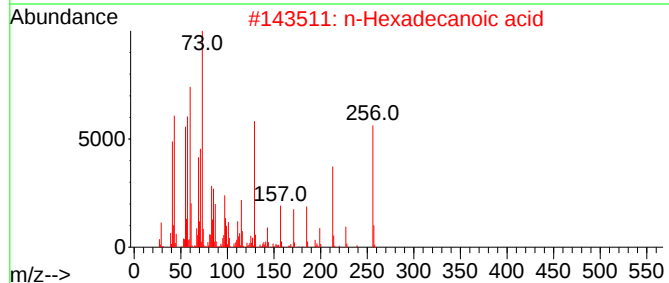
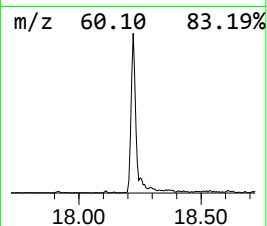
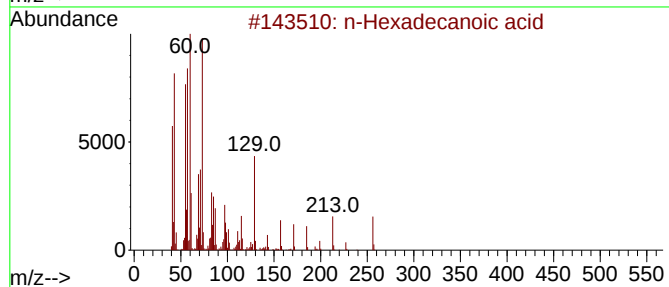
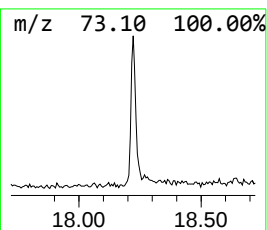
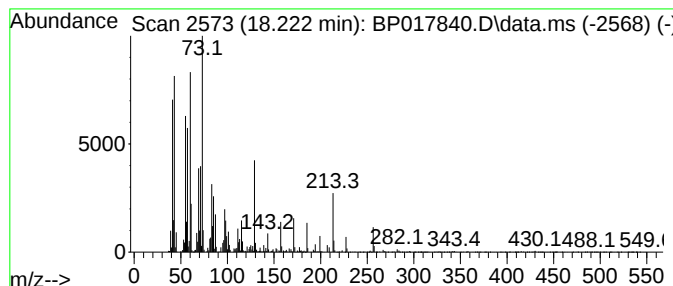
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.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.   |
|--------|------------|--------|------------------|--------|
| 18.222 | 3.07 ng/ul | 198988 | Phenanthrene-d10 | 17.369 |

| Hit# | of                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|---------------------|-----|--------------|-------------|---------|------|------|
| 1    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 99      |      |      |
| 2    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 4    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 5    | Tetradecanoic acid  | 228 | C14H28O2     | 000544-63-8 | 94      |      |      |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.222 | 3.1     | ng/u1 | 198988   | 4                     | 17.369 | 1295590 | 20.0 |