

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF101116\  
 Data File : BF090506.D  
 Acq On : 11 Oct 2016 17:14  
 Operator : UM/SJ  
 Sample : PB93839BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93839BL

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA\_F\METHODS\8270-BF101116.M  
 Title : ASP BNA STANDARDS FOR 5 POINT 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         | 2.874       | 45            | 47          | 48           | rBV      | 61120          | 86352         | 1.08%           | 0.144%        |
| 2         | 2.908       | 48            | 50          | 51           | rVV2     | 85286          | 120424        | 1.51%           | 0.201%        |
| 3         | 5.160       | 243           | 247         | 251          | rBV      | 881562         | 1385783       | 17.37%          | 2.315%        |
| 4         | 5.572       | 280           | 283         | 285          | rBV      | 4977998        | 5594933       | 70.11%          | 9.346%        |
| 5         | 6.577       | 368           | 371         | 374          | rBV      | 3586788        | 5134547       | 64.34%          | 8.577%        |
| 6         | 6.726       | 381           | 384         | 386          | rBV      | 4146732        | 5523622       | 69.22%          | 9.227%        |
| 7         | 6.954       | 401           | 404         | 406          | rBV      | 1694335        | 1818828       | 22.79%          | 3.038%        |
| 8         | 7.103       | 415           | 417         | 420          | rVB      | 3289300        | 4062493       | 50.91%          | 6.786%        |
| 9         | 7.515       | 450           | 453         | 455          | rBV      | 3158581        | 3569699       | 44.73%          | 5.963%        |
| 10        | 8.235       | 513           | 516         | 519          | rBV      | 2414158        | 2404360       | 30.13%          | 4.016%        |
| 11        | 9.320       | 608           | 611         | 613          | rBV      | 5386305        | 6748878       | 84.57%          | 11.273%       |
| 12        | 9.995       | 667           | 670         | 672          | rBV      | 3141903        | 2878002       | 36.06%          | 4.807%        |
| 13        | 10.783      | 736           | 739         | 742          | rBV      | 3542123        | 3866642       | 48.45%          | 6.459%        |
| 14        | 11.481      | 798           | 800         | 803          | rVB      | 3057246        | 2882235       | 36.12%          | 4.814%        |
| 15        | 12.315      | 871           | 873         | 875          | rVB2     | 97780          | 98001         | 1.23%           | 0.164%        |
| 16        | 13.081      | 937           | 940         | 942          | rBV      | 6362520        | 7980234       | 100.00%         | 13.330%       |
| 17        | 14.121      | 1029          | 1031        | 1034         | rVB      | 2167597        | 3053716       | 38.27%          | 5.101%        |
| 18        | 15.607      | 1157          | 1161        | 1164         | rBV      | 2122643        | 2657007       | 33.29%          | 4.438%        |

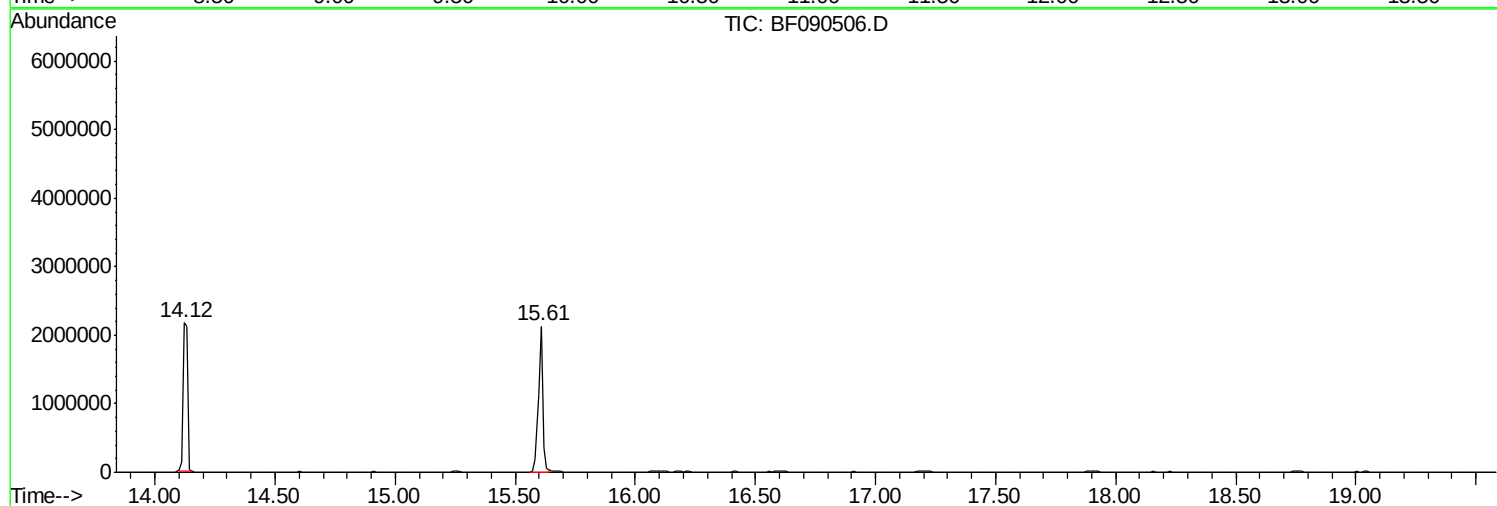
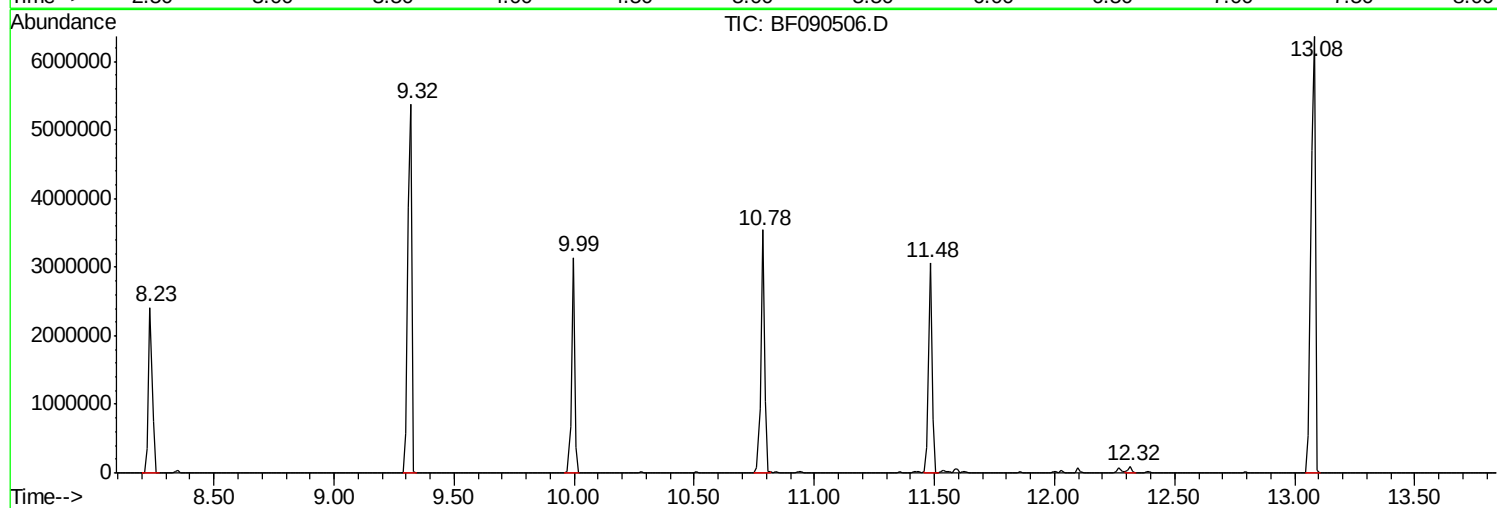
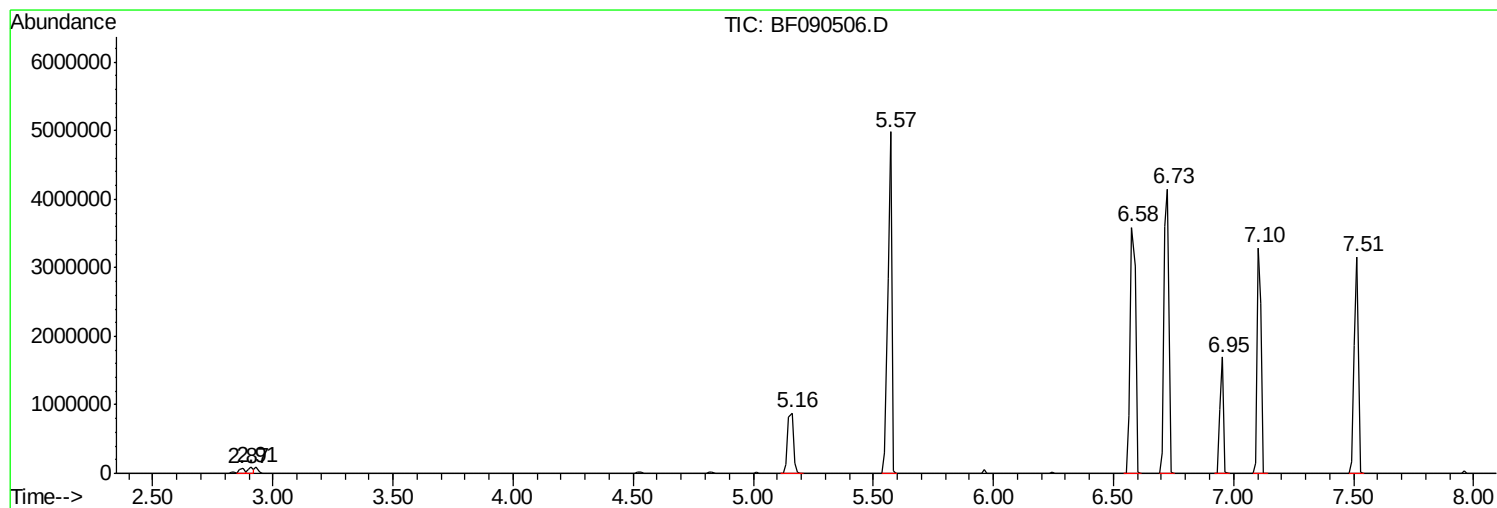
Sum of corrected areas: 59865756

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF101116\  
Data File : BF090506.D  
Acq On : 11 Oct 2016 17:14  
Operator : UM/SJ  
Sample : PB93839BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB93839BL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\  
Data File : BF090506.D  
Acq On : 11 Oct 2016 17:14  
Operator : UM/SJ  
Sample : PB93839BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
PB93839BL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

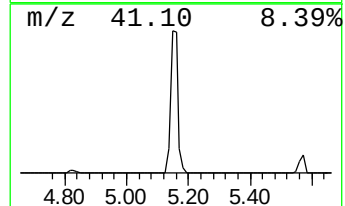
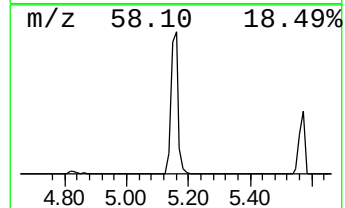
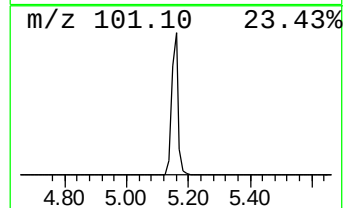
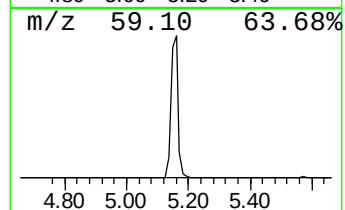
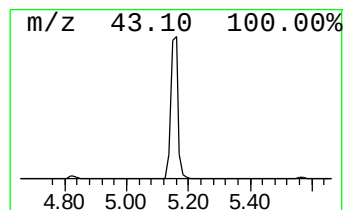
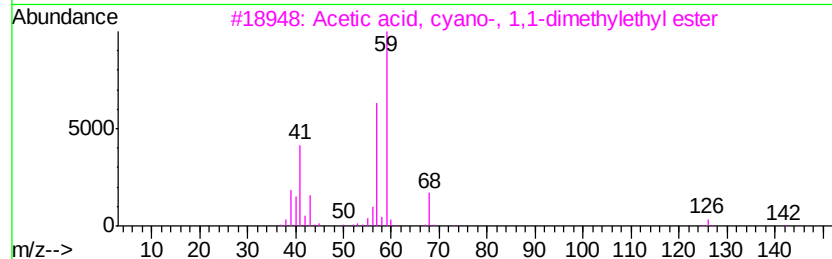
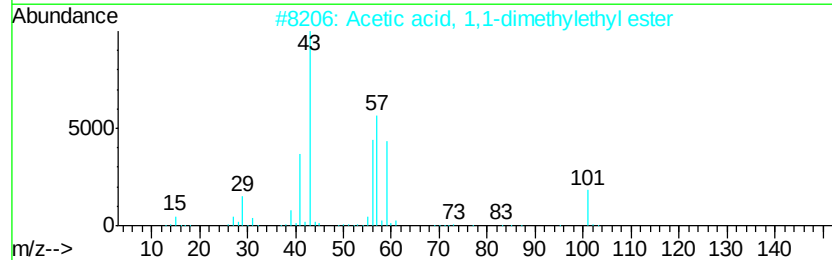
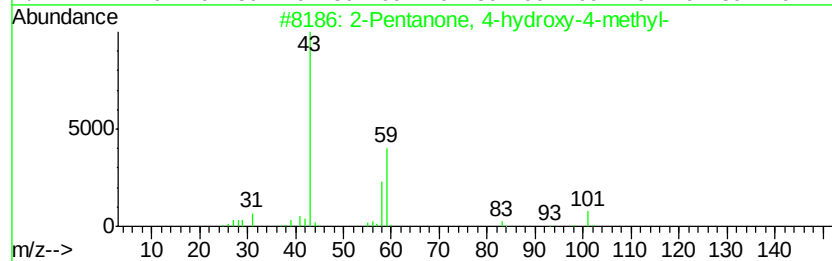
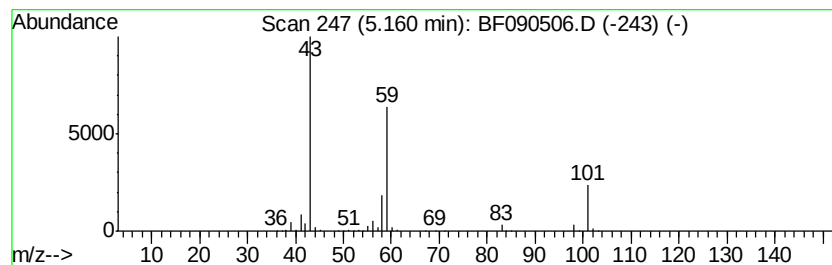
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.16 | 15.24 ng | 1385780 | 1,4-Dichlorobenzene-d4 | 6.95 |

| Hit# of | 5                                    | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|--------------------------------------|--------------|----------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-     | 116          | C6H12O2  | 000123-42-2 | 56   |      |
| 2       | Acetic acid, 1,1-dimethylethyl e...  | 116          | C6H12O2  | 000540-88-5 | 39   |      |
| 3       | Acetic acid, cyano-, 1,1-dimethyl... | 141          | C7H11NO2 | 001116-98-9 | 17   |      |
| 4       | Acetone                              | 58           | C3H6O    | 000067-64-1 | 9    |      |
| 5       | 5-Hexen-2-one                        | 98           | C6H10O   | 000109-49-9 | 9    |      |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF101116\  
Data File : BF090506.D  
Acq On : 11 Oct 2016 17:14  
Operator : UM/SJ  
Sample : PB93839BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB93839BL

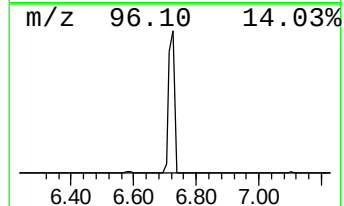
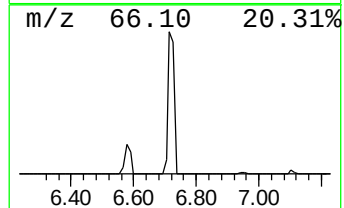
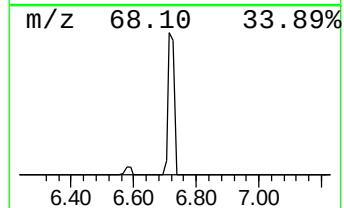
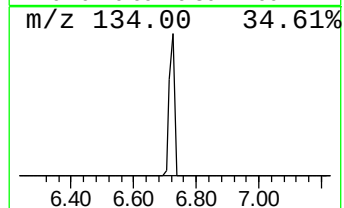
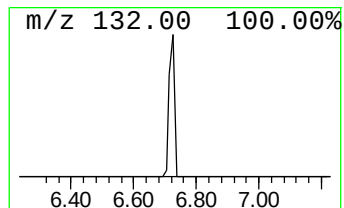
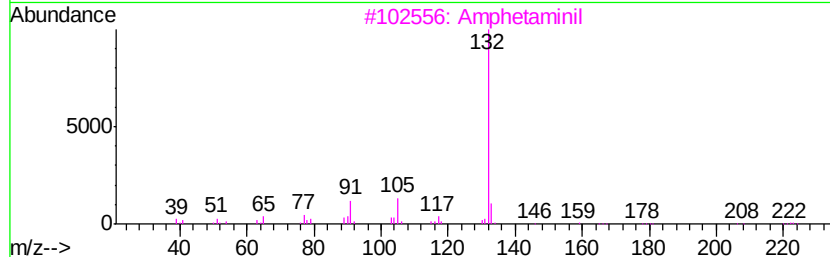
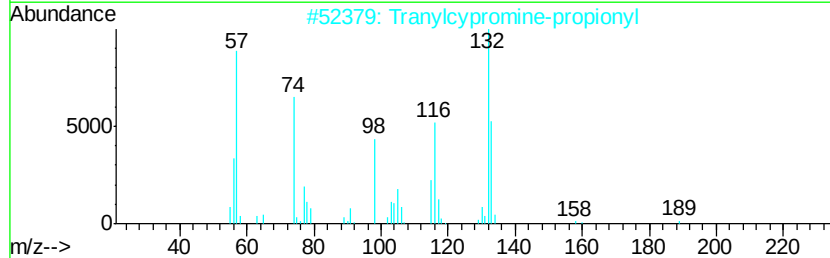
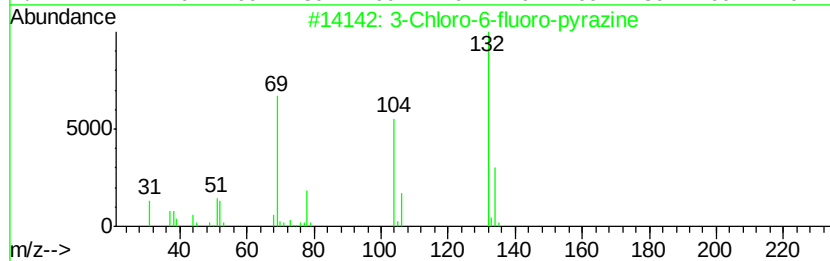
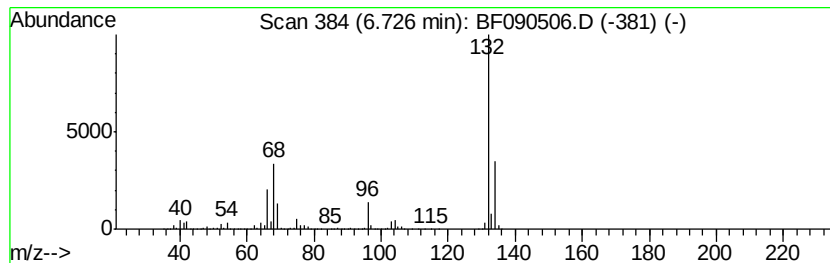
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown6.73 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.73 | 60.74 ng | 5523620 | 1,4-Dichlorobenzene-d4 | 6.95 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 2    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 16   |
| 3    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 5    |    | Xenon                            | 132 | Xe        | 007440-63-3  | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF101116\  
Data File : BF090506.D  
Acq On : 11 Oct 2016 17:14  
Operator : UM/SJ  
Sample : PB93839BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB93839BL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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 |
| 2-Pentanone, 4-hy... | 5.16 | 15.2    | ng    | 1385780  | 1                     | 6.95 | 1818830 | 20.0 |
| unknown6.73          | 6.73 | 60.7    | ng    | 5523620  | 1                     | 6.95 | 1818830 | 20.0 |