

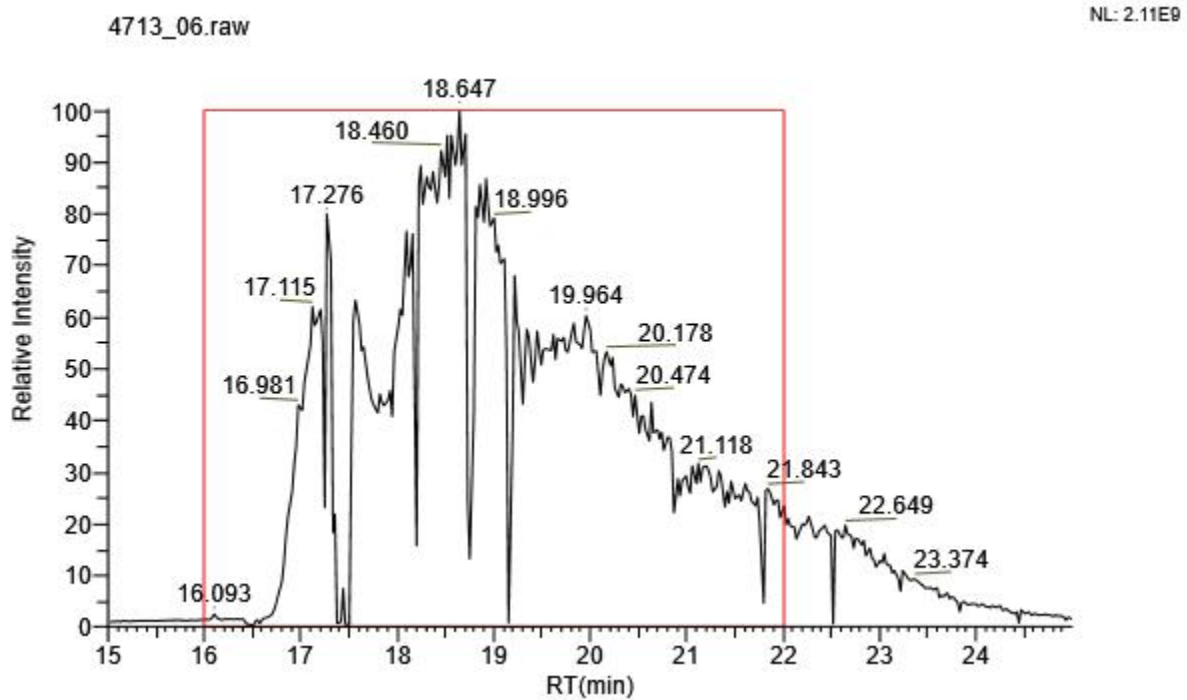
## Sample Information

|                       |                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------|
| Raw File Name         | D:\Data\4713\4713_06.raw                                                                       |
| Instrument Method     | C:\Xcalibur\methods\UltiMate\NoFAIMS_Intact_Protein\Direct_Injection_MS1_IT_7K_RF60_35min.meth |
| Vial                  | RA6                                                                                            |
| Injection Volume (µL) | 1                                                                                              |
| Sample Weight         | 0                                                                                              |
| Sample Volume (µL)    | 0                                                                                              |
| ISTD Amount           | 0                                                                                              |
| Dil Factor            | 1                                                                                              |

## Chromatogram Parameters

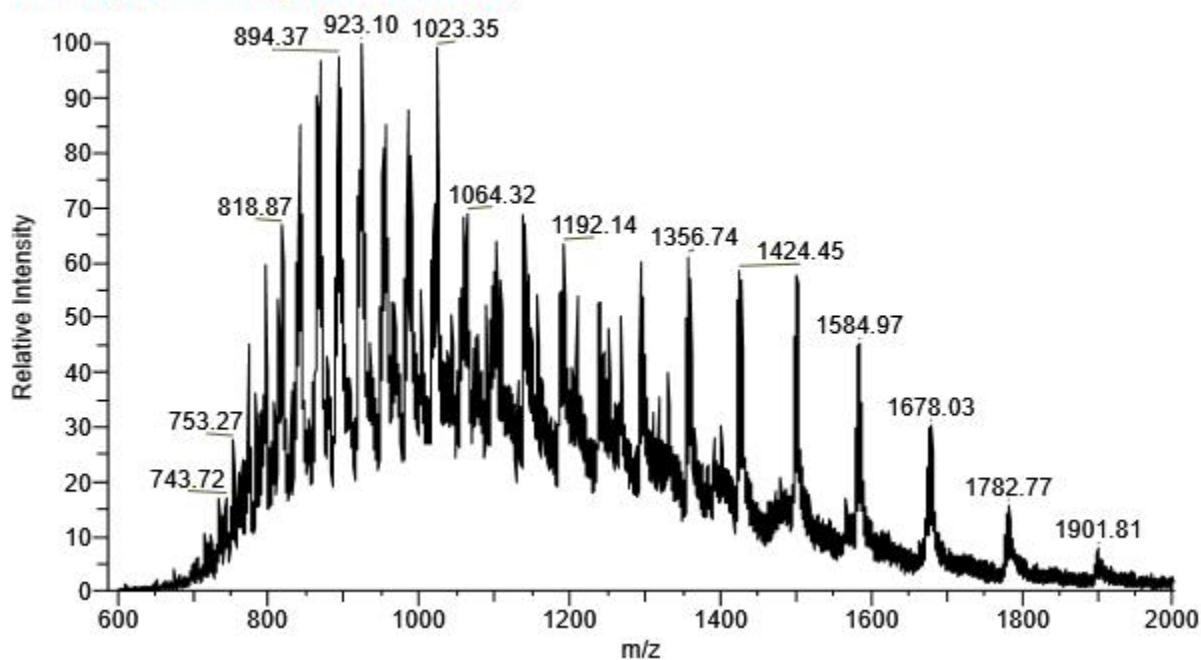
|                              |                         |
|------------------------------|-------------------------|
| Use Restricted Time          | True                    |
| Time Limits                  | 15.000 - 24.984 minutes |
| Scan Range                   | 558 - 930               |
| m/z Range                    | 600 - 2000              |
| Chromatogram Trace Type      | TIC                     |
| Sensitivity                  | High                    |
| Rel. Intensity Threshold (%) | 5                       |

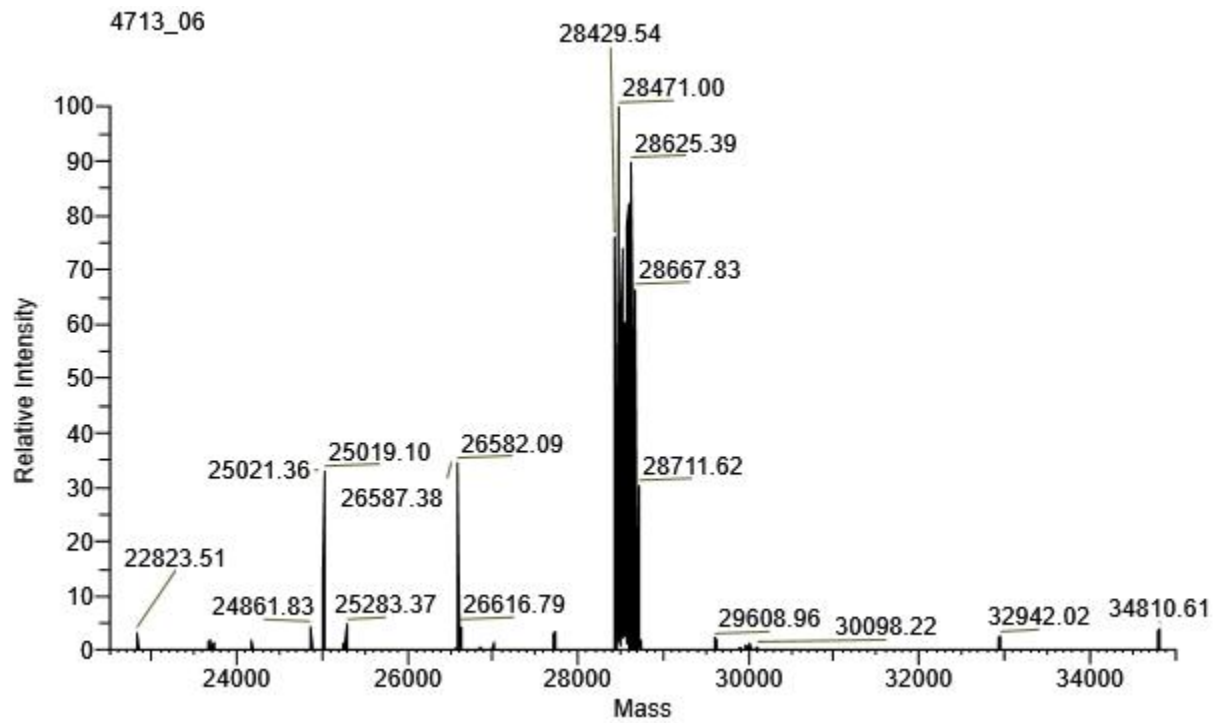
## Chromatogram



| Main Parameters ( ReSpect™ )                        |                                      |
|-----------------------------------------------------|--------------------------------------|
| Deconvolution Results Filter                        |                                      |
| Output Mass Range                                   | 22500 - 35000                        |
| Deconvoluted Spectra Display Mode                   | Isotopic Profile (new)               |
| Charge State Distribution                           |                                      |
| Deconvolution Mass Tolerance                        | 30 ppm                               |
| Choice of Peak Model                                |                                      |
| Choice of Peak Model                                | Intact Protein                       |
| Resolution at 400 m/z                               |                                      |
| Raw File Specific                                   | 2000                                 |
| Generate XIC for Each Component                     |                                      |
| Calculate XIC                                       | True                                 |
| Advanced Parameters ( ReSpect™ )                    |                                      |
| Charge State Distribution                           |                                      |
| Model Mass Range                                    | 8000 - 70000                         |
| Charge State Range                                  | 7 - 100                              |
| Minimum Adjacent Charges<br>(low & high model mass) | 4 - 4                                |
| Noise Parameters                                    |                                      |
| Rel. Abundance Threshold (%)                        | 0                                    |
| Deconvolution Quality                               |                                      |
| Quality Score Threshold                             | 0                                    |
| Choice of Peak Model                                |                                      |
| Target Mass                                         | 28000 Da                             |
| Peak Model Parameters                               |                                      |
| Number of Peak Models                               | 1                                    |
| Left/Right Peak Shape                               | 2:2                                  |
| Peak Filter Parameters                              |                                      |
| Peak Detection Minimum Significance Measure         | 1 Standard Deviations                |
| Peak Detection Quality Measure                      | 95%                                  |
| Specialized Parameters                              |                                      |
| Peak Model Width Factor                             | 1                                    |
| Intensity Threshold Scale                           | 0.01                                 |
| Deconvolution Parameters                            |                                      |
| Noise Compensation                                  | True                                 |
| Charge Carrier                                      | H                                    |
| Negative Charge                                     | False                                |
| Source Spectra Parameters                           |                                      |
| Source Spectra Method                               | Average Over Selected Retention Time |
| RT Range                                            | 16.000 - 22.000 minutes              |

4713\_06 #596-819 RT:16.000-22.000 AV:224  
F:ITMS + p NSI Full ms [600.0000-2000.0000]





| ReSpect Masses Table |              |             |                    |                      |        |                         |                           |              |             |            |                  |                 |         |
|----------------------|--------------|-------------|--------------------|----------------------|--------|-------------------------|---------------------------|--------------|-------------|------------|------------------|-----------------|---------|
| Row Number           | Average Mass | Intensity   | Relative Abundance | Fractional Abundance | Score  | Number of Charge States | Charge State Distribution | Mass Std Dev | PPM Std Dev | Delta Mass | Start Time (min) | Stop Time (min) | Apex RT |
| 1                    | 28471.00     | 21250424.00 | 100.00             | 13.82                | 114.12 | 22                      | 15 - 36                   | 2.07         | 72.86       | 0.00       | 16.000           | 22.000          | 17.280  |
| 2                    | 28625.39     | 19061230.00 | 89.70              | 12.39                | 98.34  | 20                      | 19 - 38                   | 1.79         | 62.47       | 154.39     | 16.000           | 22.000          | 17.280  |
| 3                    | 28429.54     | 16125466.00 | 75.88              | 10.48                | 120.10 | 23                      | 15 - 37                   | 2.20         | 77.26       | -41.45     | 16.000           | 22.000          | 17.280  |
| 4                    | 28667.83     | 13609658.00 | 64.04              | 8.85                 | 77.25  | 14                      | 23 - 36                   | 1.36         | 47.28       | 196.84     | 16.000           | 22.000          | 17.280  |
| 5                    | 28584.62     | 10837456.00 | 51.00              | 7.05                 | 46.15  | 8                       | 25 - 32                   | 1.47         | 51.26       | 113.63     | 16.000           | 22.000          | 17.280  |
| 6                    | 28553.80     | 9155273.00  | 43.08              | 5.95                 | 80.50  | 15                      | 15 - 29                   | 1.43         | 50.22       | 82.81      | 16.000           | 22.000          | 17.280  |
| 7                    | 28511.55     | 8288734.00  | 39.01              | 5.39                 | 56.67  | 11                      | 15 - 25                   | 0.97         | 33.94       | 40.55      | 16.000           | 22.000          | 17.570  |
| 8                    | 28514.22     | 8150280.50  | 38.35              | 5.30                 | 40.65  | 7                       | 29 - 35                   | 2.04         | 71.70       | 43.22      | 16.000           | 22.000          | 17.280  |
| 9                    | 28581.69     | 7302073.50  | 34.36              | 4.75                 | 32.69  | 7                       | 33 - 39                   | 1.03         | 36.20       | 110.69     | 16.000           | 22.000          | 17.280  |
| 10                   | 28711.62     | 6414270.50  | 30.18              | 4.17                 | 52.91  | 11                      | 24 - 34                   | 3.26         | 113.38      | 240.62     | 16.000           | 22.000          | 17.280  |
| 11                   | 26582.09     | 6135488.00  | 28.87              | 3.99                 | 56.25  | 13                      | 16 - 28                   | 1.93         | 72.42       | -1888.90   | 16.000           | 22.000          | 18.940  |
| 12                   | 25019.10     | 5729675.50  | 26.96              | 3.73                 | 56.00  | 13                      | 14 - 26                   | 2.15         | 85.75       | -3451.90   | 16.000           | 22.000          | 18.920  |
| 13                   | 28550.28     | 4509064.00  | 21.22              | 2.93                 | 26.90  | 5                       | 29 - 33                   | 0.65         | 22.82       | 79.28      | 16.000           | 22.000          | 17.280  |
| 14                   | 26587.38     | 2301086.00  | 10.83              | 1.50                 | 39.76  | 8                       | 30 - 37                   | 1.35         | 50.86       | -1883.62   | 16.000           | 22.000          | 18.510  |
| 15                   | 25021.36     | 1463280.50  | 6.89               | 0.95                 | 23.24  | 5                       | 29 - 33                   | 1.74         | 69.63       | -3449.63   | 16.000           | 22.000          | 18.650  |
| 16                   | 28595.37     | 1251077.38  | 5.89               | 0.81                 | 26.98  | 6                       | 15 - 20                   | 1.42         | 49.48       | 124.37     | 16.000           | 22.000          | 17.650  |
| 17                   | 25283.37     | 1016749.88  | 4.78               | 0.66                 | 23.24  | 6                       | 16 - 21                   | 1.99         | 78.68       | -3187.63   | 16.000           | 22.000          | 19.000  |
| 18                   | 26616.79     | 969048.69   | 4.56               | 0.63                 | 22.46  | 4                       | 22 - 25                   | 2.69         | 101.11      | -1854.21   | 16.000           | 22.000          | 18.650  |
| 19                   | 28534.60     | 912647.25   | 4.29               | 0.59                 | 29.85  | 7                       | 15 - 21                   | 1.52         | 53.26       | 63.60      | 16.000           | 22.000          | 17.570  |
| 20                   | 24861.83     | 903636.94   | 4.25               | 0.59                 | 17.37  | 4                       | 17 - 20                   | 2.48         | 99.63       | -3609.17   | 16.000           | 22.000          | 18.240  |
| 21                   | 34810.61     | 816374.38   | 3.84               | 0.53                 | 16.49  | 4                       | 34 - 37                   | 2.85         | 81.86       | 6339.61    | 16.000           | 22.000          | 18.570  |
| 22                   | 27722.49     | 702910.50   | 3.31               | 0.46                 | 16.16  | 4                       | 25 - 28                   | 2.42         | 87.14       | -748.50    | 16.000           | 22.000          | 18.460  |
| 23                   | 22823.51     | 666199.81   | 3.13               | 0.43                 | 16.73  | 4                       | 17 - 20                   | 2.28         | 100.10      | -5647.49   | 16.000           | 22.000          | 18.940  |
| 24                   | 28575.70     | 634599.81   | 2.99               | 0.41                 | 20.71  | 5                       | 15 - 19                   | 2.24         | 78.40       | 104.70     | 16.000           | 22.000          | 18.700  |
| 25                   | 28664.62     | 556365.06   | 2.62               | 0.36                 | 20.92  | 4                       | 19 - 22                   | 1.68         | 58.64       | 193.62     | 16.000           | 22.000          | 18.240  |
| 26                   | 32942.02     | 521123.13   | 2.45               | 0.34                 | 23.62  | 5                       | 22 - 26                   | 2.70         | 81.90       | 4471.02    | 16.000           | 22.000          | 18.920  |
| 27                   | 28491.60     | 490968.91   | 2.31               | 0.32                 | 22.30  | 6                       | 15 - 20                   | 1.17         | 41.15       | 20.60      | 16.000           | 22.000          | 17.280  |
| 28                   | 29608.96     | 478436.00   | 2.25               | 0.31                 | 18.53  | 4                       | 26 - 29                   | 1.57         | 52.92       | 1137.97    | 16.000           | 22.000          | 18.240  |
| 29                   | 23690.08     | 386290.47   | 1.82               | 0.25                 | 10.62  | 4                       | 22 - 25                   | 2.88         | 121.74      | -4780.91   | 16.000           | 22.000          | 17.280  |
| 30                   | 24165.68     | 371916.06   | 1.75               | 0.24                 | 25.07  | 6                       | 16 - 21                   | 1.69         | 69.77       | -4305.31   | 16.000           | 22.000          | 18.700  |
| 31                   | 28736.79     | 370716.66   | 1.74               | 0.24                 | 20.80  | 4                       | 18 - 21                   | 1.95         | 67.95       | 265.79     | 16.000           | 22.000          | 19.350  |
| 32                   | 26599.18     | 303044.72   | 1.43               | 0.20                 | 19.29  | 4                       | 16 - 19                   | 1.51         | 56.76       | -1871.82   | 16.000           | 22.000          | 18.920  |
| 33                   | 23669.10     | 296023.16   | 1.39               | 0.19                 | 17.75  | 4                       | 14 - 17                   | 2.64         | 111.66      | -4801.90   | 16.000           | 22.000          | 18.940  |
| 34                   | 27008.99     | 293683.31   | 1.38               | 0.19                 | 21.54  | 4                       | 16 - 19                   | 2.56         | 94.88       | -1462.01   | 16.000           | 22.000          | 17.570  |
| 35                   | 23724.17     | 273584.22   | 1.29               | 0.18                 | 15.14  | 4                       | 15 - 18                   | 2.25         | 94.99       | -4746.83   | 16.000           | 22.000          | 18.650  |
| 36                   | 30010.03     | 260877.41   | 1.23               | 0.17                 | 11.66  | 4                       | 19 - 22                   | 2.34         | 77.84       | 1539.03    | 16.000           | 22.000          | 17.280  |
| 37                   | 25250.03     | 256495.34   | 1.21               | 0.17                 | 23.52  | 5                       | 13 - 17                   | 2.56         | 101.22      | -3220.96   | 16.000           | 22.000          | 18.920  |
| 38                   | 28448.31     | 252458.27   | 1.19               | 0.16                 | 19.01  | 4                       | 16 - 19                   | 0.70         | 24.75       | -22.69     | 16.000           | 22.000          | 17.280  |
| 39                   | 29967.15     | 178432.70   | 0.84               | 0.12                 | 15.44  | 4                       | 20 - 23                   | 1.60         | 53.32       | 1496.16    | 16.000           | 22.000          | 17.280  |
| 40                   | 26849.28     | 108475.95   | 0.51               | 0.07                 | 15.62  | 4                       | 17 - 20                   | 1.76         | 65.61       | -1621.71   | 16.000           | 22.000          | 18.650  |
| 41                   | 30098.22     | 100293.77   | 0.47               | 0.07                 | 14.42  | 4                       | 18 - 21                   | 3.01         | 99.99       | 1627.22    | 16.000           | 22.000          | 17.550  |
| 42                   | 29894.33     | 92110.55    | 0.43               | 0.06                 | 11.36  | 4                       | 20 - 23                   | 2.47         | 82.58       | 1423.33    | 16.000           | 22.000          | 17.280  |