

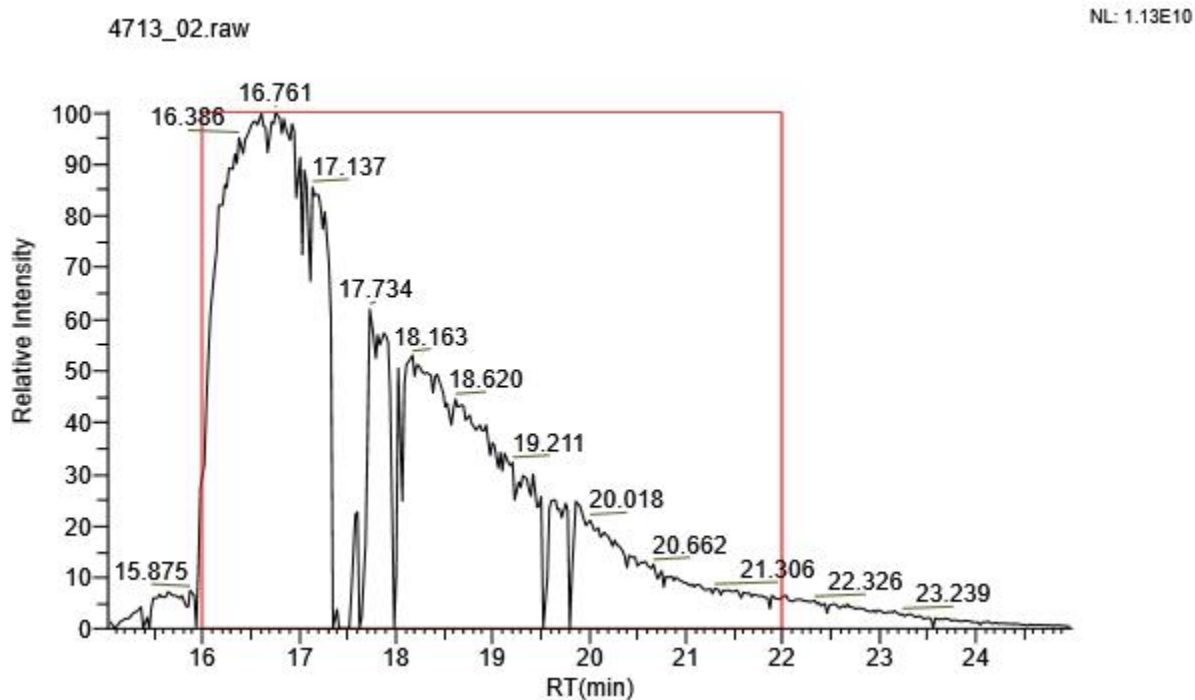
## Sample Information

|                       |                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------|
| Raw File Name         | D:\Data\4713\4713_02.raw                                                                       |
| Instrument Method     | C:\Xcalibur\methods\UltiMate\NoFAIMS_Intact_Protein\Direct_Injection_MS1_IT_7K_RF60_35min.meth |
| Vial                  | RA2                                                                                            |
| Injection Volume (µL) | 1                                                                                              |
| Sample Weight         | 0                                                                                              |
| Sample Volume (µL)    | 0                                                                                              |
| ISTD Amount           | 0                                                                                              |
| Dil Factor            | 1                                                                                              |

## Chromatogram Parameters

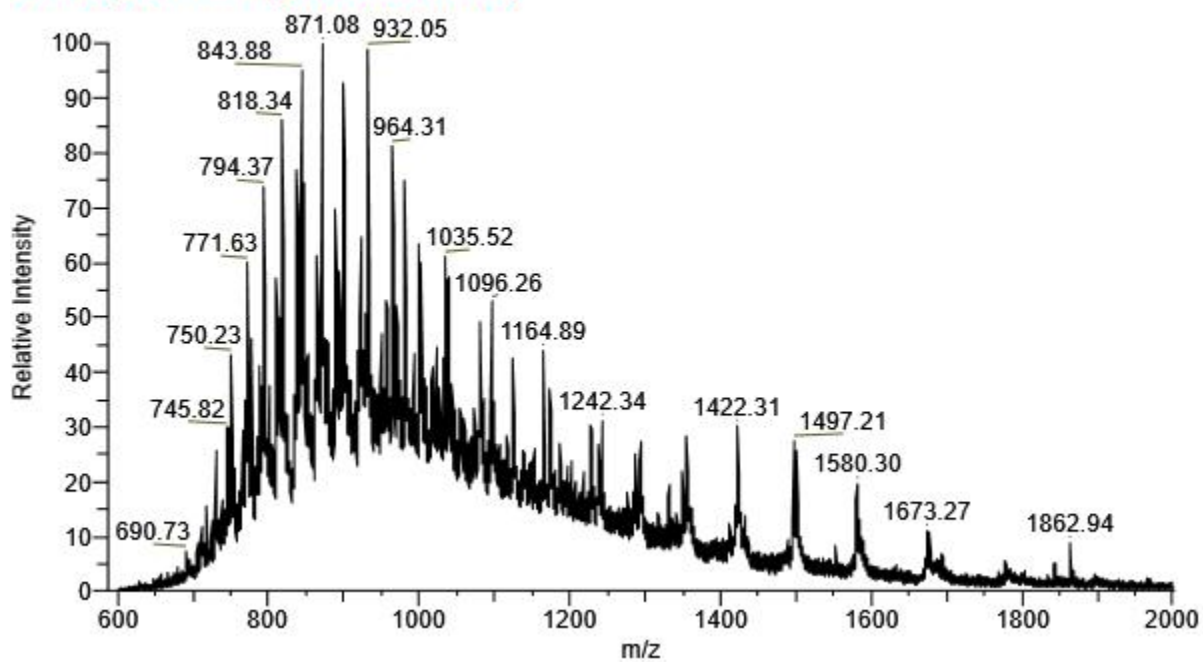
|                              |                         |
|------------------------------|-------------------------|
| Use Restricted Time          | True                    |
| Time Limits                  | 15.000 - 24.984 minutes |
| Scan Range                   | 558 - 930               |
| m/z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

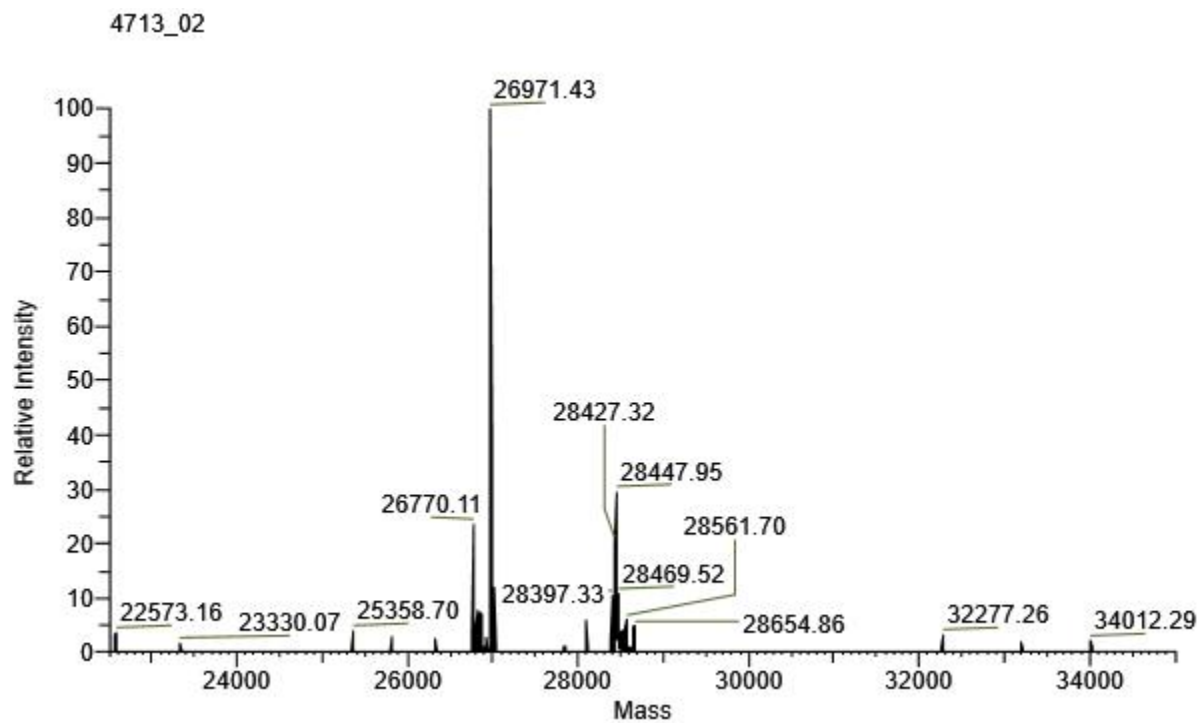
## Chromatogram



| 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\_02 #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                    | 26971.43     | 133468920.00 | 100.00             | 36.26                | 101.91 | 23                      | 15 - 37                   | 1.56         | 57.97       | 0.00       | 16.000           | 22.000          | 16.440  |
| 2                    | 26770.11     | 31256142.00  | 23.42              | 8.49                 | 64.18  | 14                      | 18 - 31                   | 1.20         | 44.81       | -201.32    | 16.000           | 22.000          | 16.490  |
| 3                    | 28447.95     | 31102232.00  | 23.30              | 8.45                 | 31.57  | 6                       | 32 - 37                   | 2.02         | 71.11       | 1476.52    | 16.000           | 22.000          | 16.170  |
| 4                    | 28427.32     | 26775334.00  | 20.06              | 7.27                 | 49.36  | 11                      | 15 - 25                   | 1.28         | 44.95       | 1455.89    | 16.000           | 22.000          | 16.650  |
| 5                    | 28469.52     | 14039190.00  | 10.52              | 3.81                 | 37.59  | 9                       | 15 - 23                   | 1.42         | 49.93       | 1498.09    | 16.000           | 22.000          | 17.080  |
| 6                    | 28397.33     | 12655980.00  | 9.48               | 3.44                 | 22.56  | 4                       | 33 - 36                   | 2.62         | 92.36       | 1425.90    | 16.000           | 22.000          | 16.600  |
| 7                    | 26813.98     | 10176112.00  | 7.62               | 2.76                 | 22.05  | 4                       | 28 - 31                   | 2.07         | 77.17       | -157.45    | 16.000           | 22.000          | 16.710  |
| 8                    | 26856.70     | 9677330.00   | 7.25               | 2.63                 | 22.53  | 4                       | 29 - 32                   | 1.75         | 65.22       | -114.74    | 16.000           | 22.000          | 16.840  |
| 9                    | 28449.56     | 8638319.00   | 6.47               | 2.35                 | 46.60  | 11                      | 15 - 25                   | 2.01         | 70.52       | 1478.13    | 16.000           | 22.000          | 17.080  |
| 10                   | 28561.70     | 7981136.00   | 5.98               | 2.17                 | 18.49  | 4                       | 34 - 37                   | 2.45         | 85.79       | 1590.27    | 16.000           | 22.000          | 16.440  |
| 11                   | 28093.10     | 7745065.00   | 5.80               | 2.10                 | 19.47  | 4                       | 25 - 28                   | 2.97         | 105.56      | 1121.67    | 16.000           | 22.000          | 16.650  |
| 12                   | 28654.86     | 6383514.00   | 4.78               | 1.73                 | 20.25  | 4                       | 33 - 36                   | 2.18         | 76.06       | 1683.43    | 16.000           | 22.000          | 16.490  |
| 13                   | 27013.53     | 5336413.50   | 4.00               | 1.45                 | 18.70  | 4                       | 25 - 28                   | 2.43         | 89.86       | 42.10      | 16.000           | 22.000          | 16.730  |
| 14                   | 28511.94     | 5230154.00   | 3.92               | 1.42                 | 37.00  | 8                       | 15 - 22                   | 2.71         | 94.92       | 1540.50    | 16.000           | 22.000          | 17.140  |
| 15                   | 25358.70     | 5147082.00   | 3.86               | 1.40                 | 27.30  | 5                       | 26 - 30                   | 1.14         | 45.14       | -1612.73   | 16.000           | 22.000          | 16.600  |
| 16                   | 27014.66     | 4839013.50   | 3.63               | 1.31                 | 20.03  | 4                       | 20 - 23                   | 1.50         | 55.58       | 43.23      | 16.000           | 22.000          | 16.730  |
| 17                   | 27016.34     | 4810919.50   | 3.60               | 1.31                 | 24.39  | 5                       | 30 - 34                   | 2.40         | 88.90       | 44.90      | 16.000           | 22.000          | 16.630  |
| 18                   | 28491.97     | 4786161.50   | 3.59               | 1.30                 | 31.62  | 7                       | 16 - 22                   | 1.20         | 42.13       | 1520.54    | 16.000           | 22.000          | 17.160  |
| 19                   | 22573.16     | 4614498.00   | 3.46               | 1.25                 | 18.75  | 4                       | 20 - 23                   | 2.48         | 109.99      | -4398.28   | 16.000           | 22.000          | 17.080  |
| 20                   | 32277.26     | 4123574.75   | 3.09               | 1.12                 | 18.64  | 4                       | 25 - 28                   | 2.56         | 79.34       | 5305.83    | 16.000           | 22.000          | 16.170  |
| 21                   | 25814.62     | 3694702.50   | 2.77               | 1.00                 | 25.99  | 5                       | 23 - 27                   | 1.91         | 74.02       | -1156.81   | 16.000           | 22.000          | 16.550  |
| 22                   | 26918.36     | 3529515.75   | 2.64               | 0.96                 | 17.95  | 4                       | 29 - 32                   | 2.87         | 106.68      | -53.07     | 16.000           | 22.000          | 16.950  |
| 23                   | 28404.02     | 3465701.75   | 2.60               | 0.94                 | 32.79  | 7                       | 16 - 22                   | 1.55         | 54.48       | 1432.58    | 16.000           | 22.000          | 17.060  |
| 24                   | 26319.38     | 3248579.00   | 2.43               | 0.88                 | 19.13  | 4                       | 32 - 35                   | 2.03         | 77.30       | -652.05    | 16.000           | 22.000          | 16.390  |
| 25                   | 34012.29     | 2778874.75   | 2.08               | 0.75                 | 29.84  | 6                       | 24 - 29                   | 2.69         | 79.13       | 7040.85    | 16.000           | 22.000          | 16.520  |
| 26                   | 33195.64     | 2383654.00   | 1.79               | 0.65                 | 18.00  | 4                       | 41 - 44                   | 2.35         | 70.88       | 6224.21    | 16.000           | 22.000          | 16.310  |
| 27                   | 23330.07     | 2076965.13   | 1.56               | 0.56                 | 15.75  | 4                       | 18 - 21                   | 2.86         | 122.75      | -3641.36   | 16.000           | 22.000          | 17.000  |
| 28                   | 27012.58     | 1562771.50   | 1.17               | 0.42                 | 20.43  | 4                       | 15 - 18                   | 1.43         | 52.88       | 41.15      | 16.000           | 22.000          | 17.000  |
| 29                   | 27841.74     | 1357866.88   | 1.02               | 0.37                 | 19.01  | 4                       | 24 - 27                   | 1.11         | 40.01       | 870.30     | 16.000           | 22.000          | 16.490  |
| 30                   | 26894.93     | 1344560.25   | 1.01               | 0.37                 | 16.13  | 4                       | 25 - 28                   | 2.40         | 89.16       | -76.50     | 16.000           | 22.000          | 16.390  |
| 31                   | 28602.87     | 1247387.50   | 0.93               | 0.34                 | 18.07  | 4                       | 16 - 19                   | 2.91         | 101.79      | 1631.44    | 16.000           | 22.000          | 17.190  |
| 32                   | 28477.19     | 1149097.00   | 0.86               | 0.31                 | 15.06  | 4                       | 23 - 26                   | 2.55         | 89.53       | 1505.76    | 16.000           | 22.000          | 16.140  |
| 33                   | 28529.39     | 876734.50    | 0.66               | 0.24                 | 25.26  | 5                       | 15 - 19                   | 2.98         | 104.29      | 1557.96    | 16.000           | 22.000          | 17.140  |
| 34                   | 26947.49     | 612967.19    | 0.46               | 0.17                 | 16.56  | 4                       | 16 - 19                   | 2.72         | 101.05      | -23.94     | 16.000           | 22.000          | 17.080  |