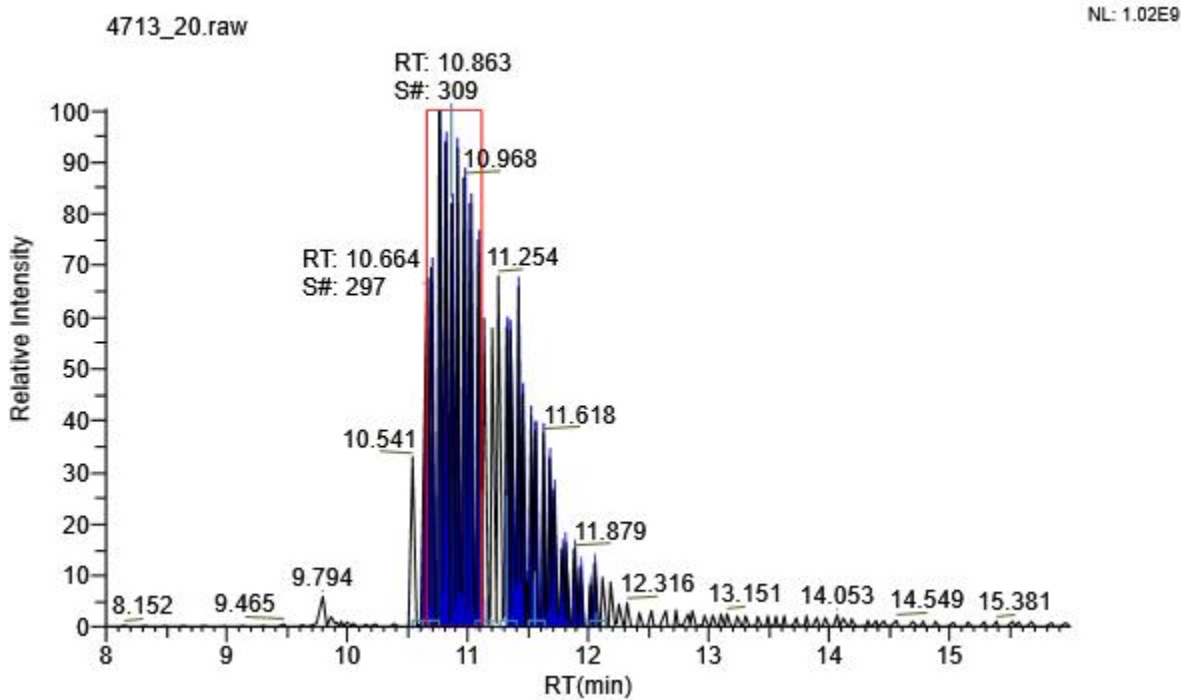


| Sample Information    |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| Raw File Name         | D:\Data\4713\4713_20.raw                                                                           |
| Instrument Method     | C:\Xcalibur\methods\UltiMate\NoFAIMS_Intact_Protein\Direct_Injection_TD_Thermo_Settings_25min.meth |
| Vial                  | RF8                                                                                                |
| Injection Volume (µL) | 1                                                                                                  |
| Sample Weight         | 0                                                                                                  |
| Sample Volume (µL)    | 0                                                                                                  |
| ISTD Amount           | 0                                                                                                  |
| Dil Factor            | 1                                                                                                  |

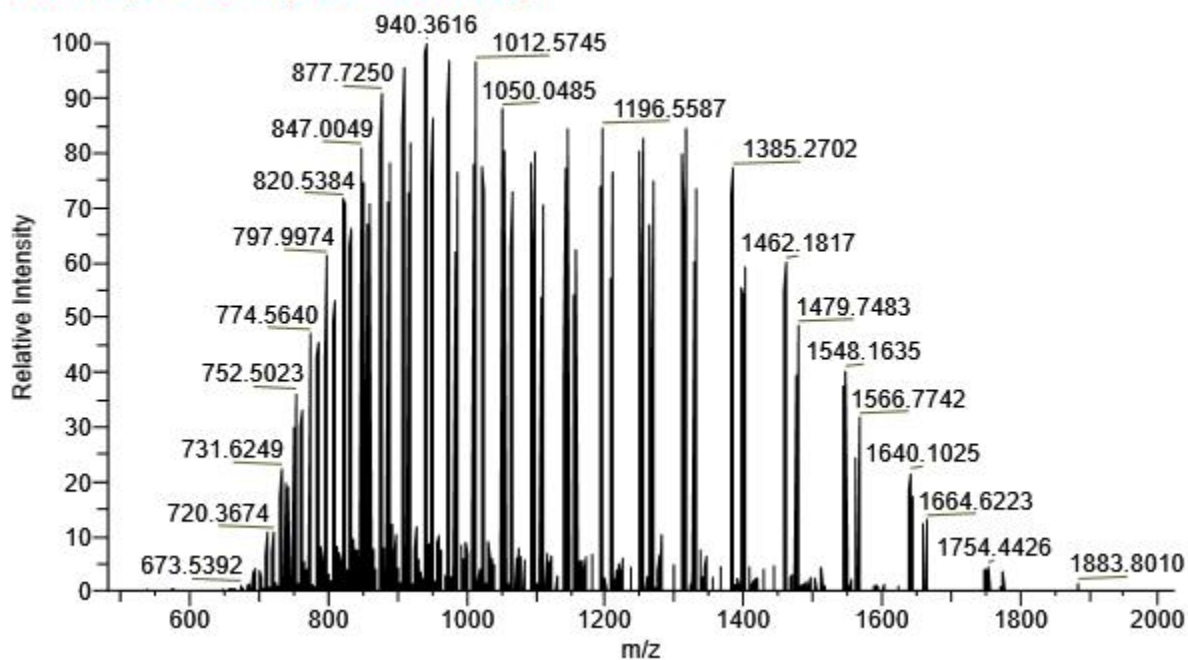
| Chromatogram Parameters      |                        |
|------------------------------|------------------------|
| Use Restricted Time          | True                   |
| Time Limits                  | 8.000 - 16.000 minutes |
| Scan Range                   | 227 - 617              |
| m/z Range                    | 400 - 2000             |
| Chromatogram Trace Type      | TIC                    |
| Sensitivity                  | High                   |
| Rel. Intensity Threshold (%) | 5                      |

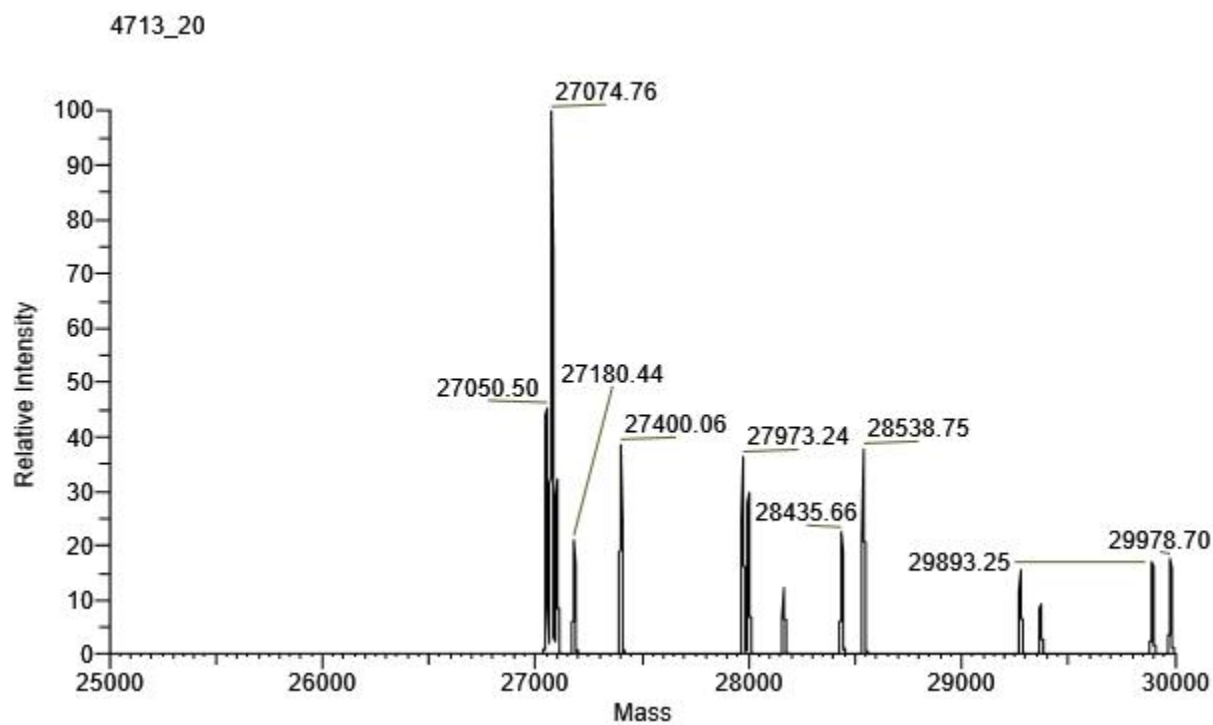
## Chromatogram



| Main Parameters ( ReSpect™ )                        |                        |
|-----------------------------------------------------|------------------------|
| Deconvolution Results Filter                        |                        |
| Output Mass Range                                   | 25000 - 30000          |
| Deconvoluted Spectra Display Mode                   | Isotopic Profile (new) |
| Charge State Distribution                           |                        |
| Deconvolution Mass Tolerance                        | 50 ppm                 |
| Choice of Peak Model                                |                        |
| Choice of Peak Model                                | Intact Protein         |
| Resolution at 400 m/z                               |                        |
| Raw File Specific                                   | 5303                   |
| Generate XIC for Each Component                     |                        |
| Calculate XIC                                       | True                   |
| Advanced Parameters ( ReSpect™ )                    |                        |
| Charge State Distribution                           |                        |
| Model Mass Range                                    | 27000 - 30000          |
| Charge State Range                                  | 10 - 50                |
| Minimum Adjacent Charges<br>(low & high model mass) | 4 - 4                  |
| Noise Parameters                                    |                        |
| Rel. Abundance Threshold (%)                        | 5                      |
| Deconvolution Quality                               |                        |
| Quality Score Threshold                             | 5                      |
| 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                               | Auto Peak Detection    |
| Sensitivity                                         | High                   |
| Rel. Intensity Threshold (%)                        | 5                      |

4713\_20 #297-324 RT:10.656-11.119 AV:28  
F:FTMS + p NSI Full ms [500.0000-2000.0000]





| 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                    | 27074.76     | 55571776.00 | 100.00             | 23.05                | 24.36 | 5                       | 32 - 36                   | 4.19         | 154.68      | 0.00       | 10.656           | 11.119          | 10.810  |
| 2                    | 27050.50     | 25101214.00 | 45.17              | 10.41                | 17.55 | 4                       | 33 - 36                   | 4.66         | 172.45      | -24.26     | 10.656           | 11.119          | 10.760  |
| 3                    | 27400.06     | 21365134.00 | 38.45              | 8.86                 | 17.83 | 4                       | 35 - 38                   | 1.47         | 53.49       | 325.30     | 10.656           | 11.119          | 11.020  |
| 4                    | 28538.75     | 20907702.00 | 37.62              | 8.67                 | 20.36 | 5                       | 34 - 38                   | 3.94         | 137.96      | 1463.99    | 10.656           | 11.119          | 10.760  |
| 5                    | 27973.24     | 20154626.00 | 36.27              | 8.36                 | 18.97 | 4                       | 30 - 33                   | 3.07         | 109.69      | 898.48     | 10.656           | 11.119          | 10.970  |
| 6                    | 27099.28     | 17880360.00 | 32.18              | 7.42                 | 24.87 | 5                       | 30 - 34                   | 3.06         | 112.84      | 24.52      | 10.656           | 11.119          | 10.810  |
| 7                    | 27999.70     | 16483024.00 | 29.66              | 6.84                 | 19.65 | 4                       | 31 - 34                   | 5.00         | 178.47      | 924.95     | 10.656           | 11.119          | 10.760  |
| 8                    | 28435.66     | 12449694.00 | 22.40              | 5.16                 | 32.35 | 7                       | 34 - 40                   | 2.76         | 97.14       | 1360.90    | 10.656           | 11.119          | 10.690  |
| 9                    | 27180.44     | 11620213.00 | 20.91              | 4.82                 | 22.35 | 5                       | 30 - 34                   | 2.40         | 88.38       | 105.69     | 10.656           | 11.119          | 10.760  |
| 10                   | 29978.70     | 9730913.00  | 17.51              | 4.04                 | 19.59 | 4                       | 36 - 39                   | 6.07         | 202.50      | 2903.94    | 10.656           | 11.119          | 10.970  |
| 11                   | 29893.25     | 9389944.00  | 16.90              | 3.89                 | 16.16 | 4                       | 38 - 41                   | 2.51         | 84.07       | 2818.50    | 10.656           | 11.119          | 10.810  |
| 12                   | 29275.65     | 8588115.00  | 15.45              | 3.56                 | 24.89 | 5                       | 35 - 39                   | 4.78         | 163.34      | 2200.90    | 10.656           | 11.119          | 11.020  |
| 13                   | 28165.25     | 6751079.00  | 12.15              | 2.80                 | 18.03 | 4                       | 31 - 34                   | 5.91         | 209.97      | 1090.49    | 10.656           | 11.119          | 11.080  |
| 14                   | 29370.02     | 5094464.50  | 9.17               | 2.11                 | 29.43 | 6                       | 35 - 40                   | 4.21         | 143.45      | 2295.27    | 10.656           | 11.119          | 11.080  |

# BioPharma Finder Report

Created: 22/12/2025 16:50:37

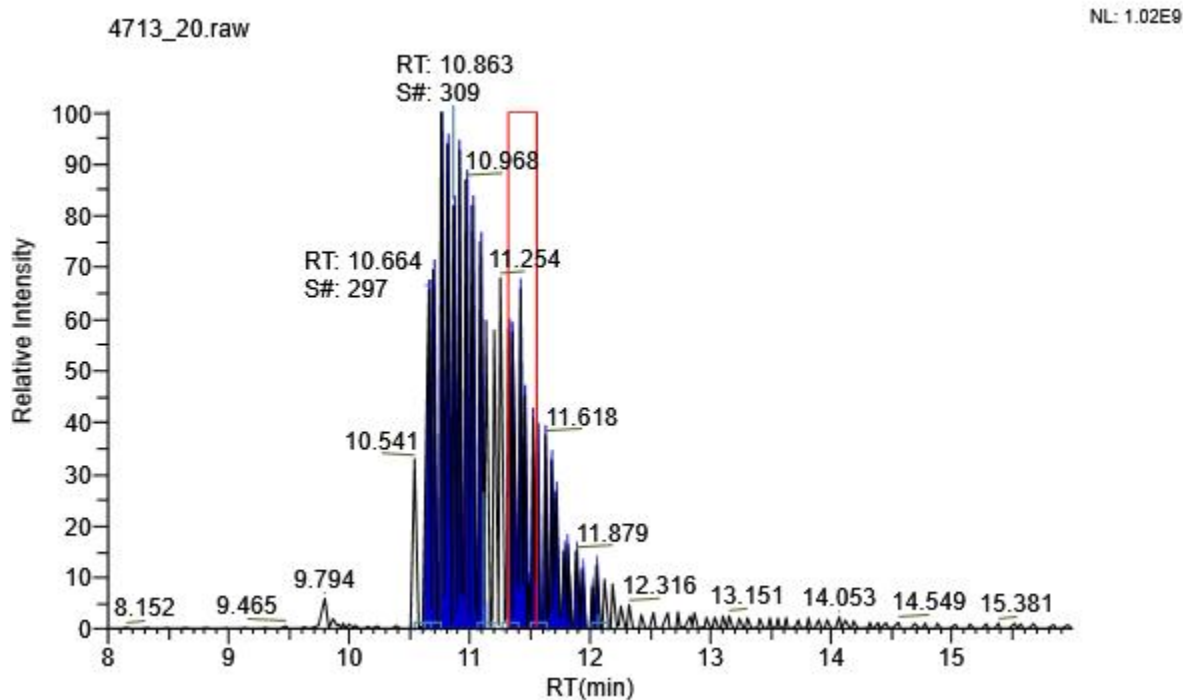
## Sample Information

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| Raw File Name         | D:\Data\4713\4713_20.raw                                                                           |
| Instrument Method     | C:\Xcalibur\methods\UltiMate\NoFAIMS_Intact_Protein\Direct_Injection_TD_Thermo_Settings_25min.meth |
| Vial                  | RF8                                                                                                |
| Injection Volume (µL) | 1                                                                                                  |
| Sample Weight         | 0                                                                                                  |
| Sample Volume (µL)    | 0                                                                                                  |
| ISTD Amount           | 0                                                                                                  |
| Dil Factor            | 1                                                                                                  |

## Chromatogram Parameters

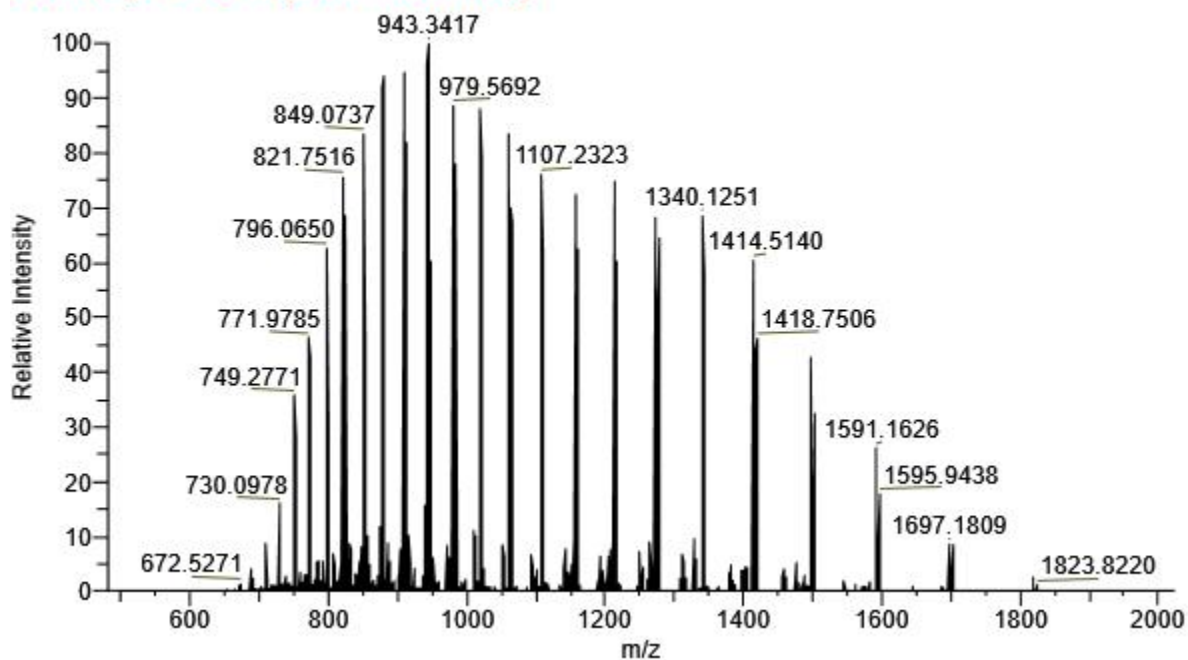
|                              |                        |
|------------------------------|------------------------|
| Use Restricted Time          | True                   |
| Time Limits                  | 8.000 - 16.000 minutes |
| Scan Range                   | 227 - 617              |
| m/z Range                    | 400 - 2000             |
| Chromatogram Trace Type      | TIC                    |
| Sensitivity                  | High                   |
| Rel. Intensity Threshold (%) | 5                      |

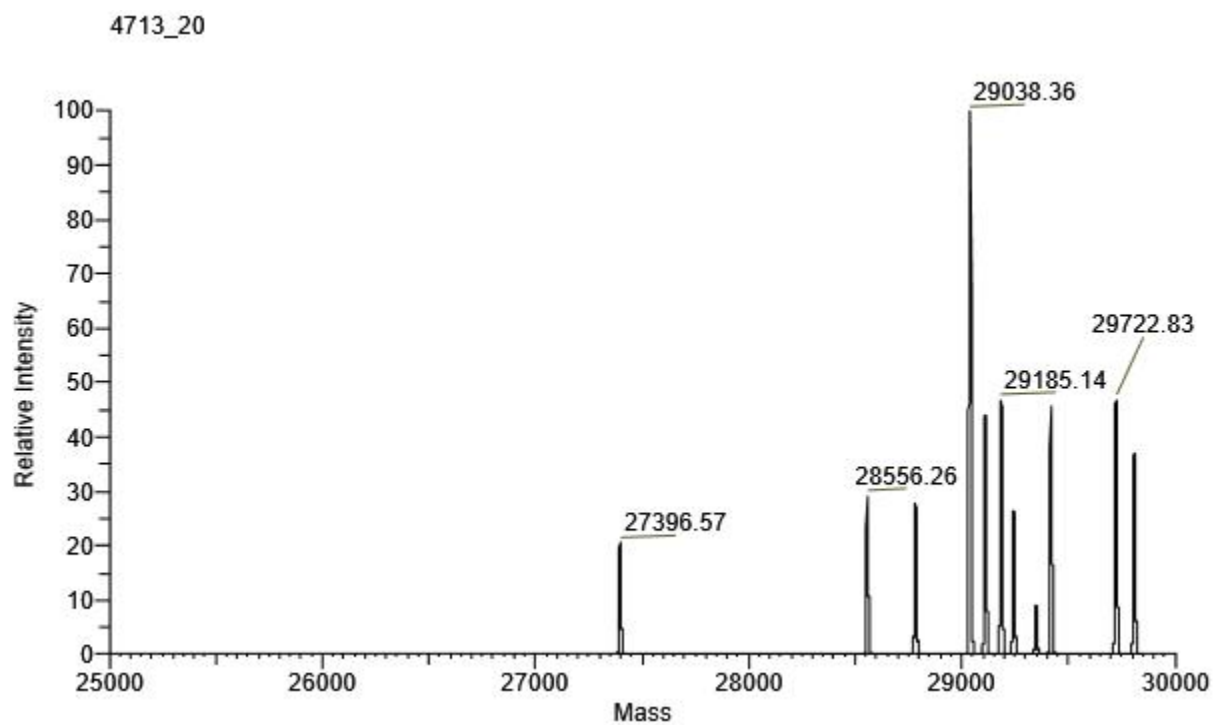
## Chromatogram



| Main Parameters ( ReSpect™ )                        |                        |
|-----------------------------------------------------|------------------------|
| Deconvolution Results Filter                        |                        |
| Output Mass Range                                   | 25000 - 30000          |
| Deconvoluted Spectra Display Mode                   | Isotopic Profile (new) |
| Charge State Distribution                           |                        |
| Deconvolution Mass Tolerance                        | 50 ppm                 |
| Choice of Peak Model                                |                        |
| Choice of Peak Model                                | Intact Protein         |
| Resolution at 400 m/z                               |                        |
| Raw File Specific                                   | 5303                   |
| Generate XIC for Each Component                     |                        |
| Calculate XIC                                       | True                   |
| Advanced Parameters ( ReSpect™ )                    |                        |
| Charge State Distribution                           |                        |
| Model Mass Range                                    | 27000 - 30000          |
| Charge State Range                                  | 10 - 50                |
| Minimum Adjacent Charges<br>(low & high model mass) | 4 - 4                  |
| Noise Parameters                                    |                        |
| Rel. Abundance Threshold (%)                        | 5                      |
| Deconvolution Quality                               |                        |
| Quality Score Threshold                             | 5                      |
| 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                               | Auto Peak Detection    |
| Sensitivity                                         | High                   |
| Rel. Intensity Threshold (%)                        | 5                      |

4713\_20 #336-349 RT:11.319-11.553 AV:14  
F:FTMS + p NSI Full ms [500.0000-2000.0000]





| 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                    | 29038.36     | 25340200.00 | 100.00             | 23.16                | 18.97 | 4                       | 31 - 34                   | 2.75         | 94.55       | 0.00       | 11.319           | 11.553          | 11.410  |
| 2                    | 29185.14     | 11816874.00 | 46.63              | 10.80                | 21.46 | 5                       | 36 - 40                   | 4.03         | 138.02      | 146.78     | 11.319           | 11.553          | 11.510  |
| 3                    | 29722.83     | 11813827.00 | 46.62              | 10.80                | 20.53 | 4                       | 33 - 36                   | 3.13         | 105.44      | 684.47     | 11.319           | 11.553          | 11.410  |
| 4                    | 29418.70     | 11541609.00 | 45.55              | 10.55                | 19.71 | 4                       | 35 - 38                   | 2.40         | 81.46       | 380.34     | 11.319           | 11.553          | 11.410  |
| 5                    | 29110.21     | 11107407.00 | 43.83              | 10.15                | 19.63 | 4                       | 32 - 35                   | 1.86         | 63.90       | 71.85      | 11.319           | 11.553          | 11.410  |
| 6                    | 29808.68     | 9339860.00  | 36.86              | 8.53                 | 16.45 | 5                       | 33 - 37                   | 2.70         | 90.42       | 770.31     | 11.319           | 11.553          | 11.410  |
| 7                    | 28556.26     | 7339663.00  | 28.96              | 6.71                 | 19.90 | 4                       | 35 - 38                   | 2.39         | 83.60       | -482.10    | 11.319           | 11.553          | 11.320  |
| 8                    | 28781.94     | 7018937.00  | 27.70              | 6.41                 | 16.96 | 4                       | 33 - 36                   | 3.77         | 130.82      | -256.42    | 11.319           | 11.553          | 11.510  |
| 9                    | 29243.22     | 6658962.00  | 26.28              | 6.08                 | 27.61 | 7                       | 34 - 40                   | 3.15         | 107.74      | 204.86     | 11.319           | 11.553          | 11.510  |
| 10                   | 27396.57     | 5193173.50  | 20.49              | 4.75                 | 18.42 | 4                       | 32 - 35                   | 4.11         | 150.04      | -1641.79   | 11.319           | 11.553          | 11.410  |
| 11                   | 29348.22     | 2263175.25  | 8.93               | 2.07                 | 21.17 | 4                       | 35 - 38                   | 3.21         | 109.44      | 309.86     | 11.319           | 11.553          | 11.410  |

# BioPharma Finder Report

Created: 22/12/2025 16:50:37

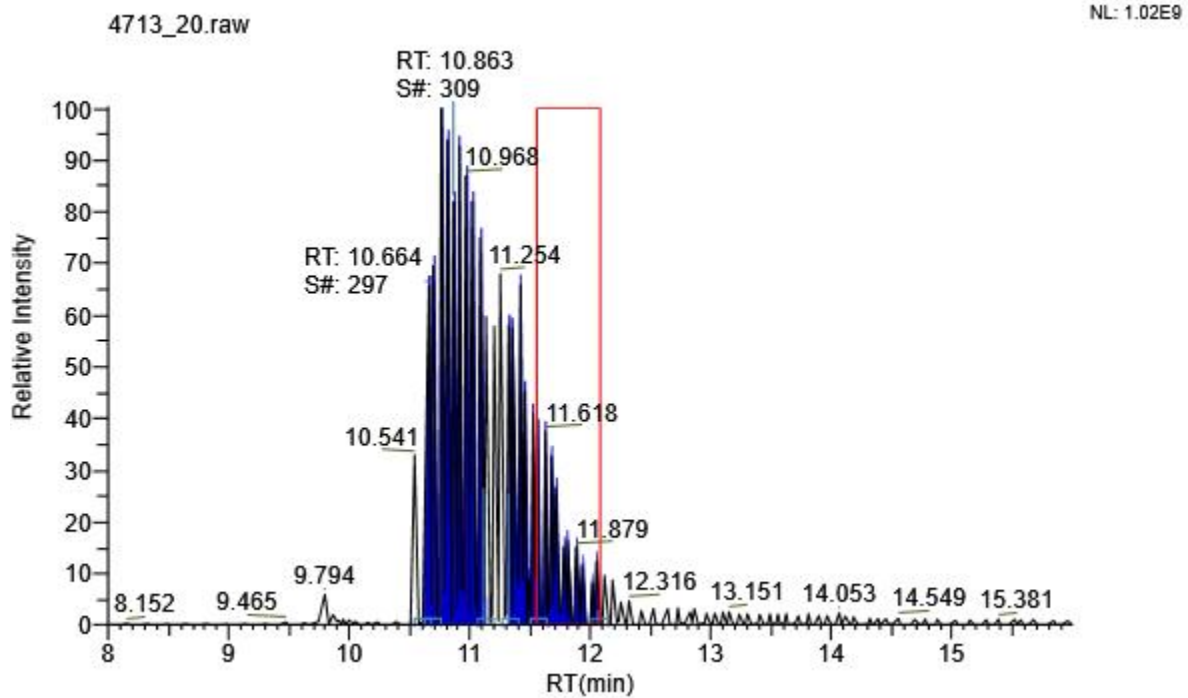
## Sample Information

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| Raw File Name         | D:\Data\4713\4713_20.raw                                                                           |
| Instrument Method     | C:\Xcalibur\methods\UltiMate\NoFAIMS_Intact_Protein\Direct_Injection_TD_Thermo_Settings_25min.meth |
| Vial                  | RF8                                                                                                |
| Injection Volume (µL) | 1                                                                                                  |
| Sample Weight         | 0                                                                                                  |
| Sample Volume (µL)    | 0                                                                                                  |
| ISTD Amount           | 0                                                                                                  |
| Dil Factor            | 1                                                                                                  |

## Chromatogram Parameters

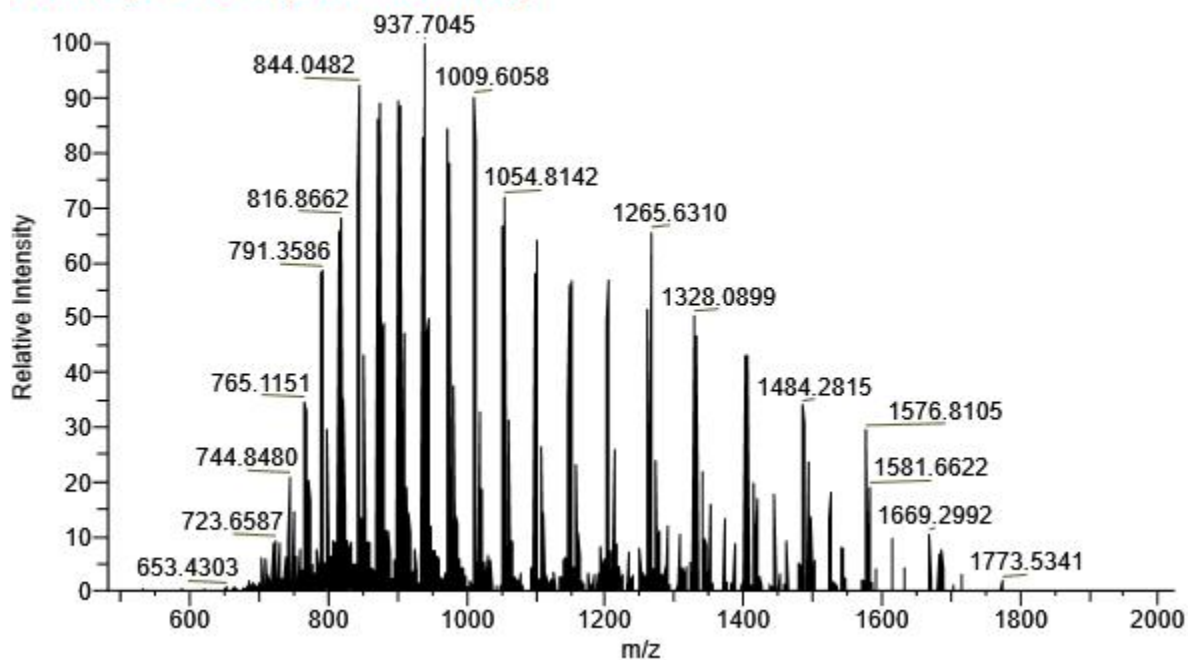
|                              |                        |
|------------------------------|------------------------|
| Use Restricted Time          | True                   |
| Time Limits                  | 8.000 - 16.000 minutes |
| Scan Range                   | 227 - 617              |
| m/z Range                    | 400 - 2000             |
| Chromatogram Trace Type      | TIC                    |
| Sensitivity                  | High                   |
| Rel. Intensity Threshold (%) | 5                      |

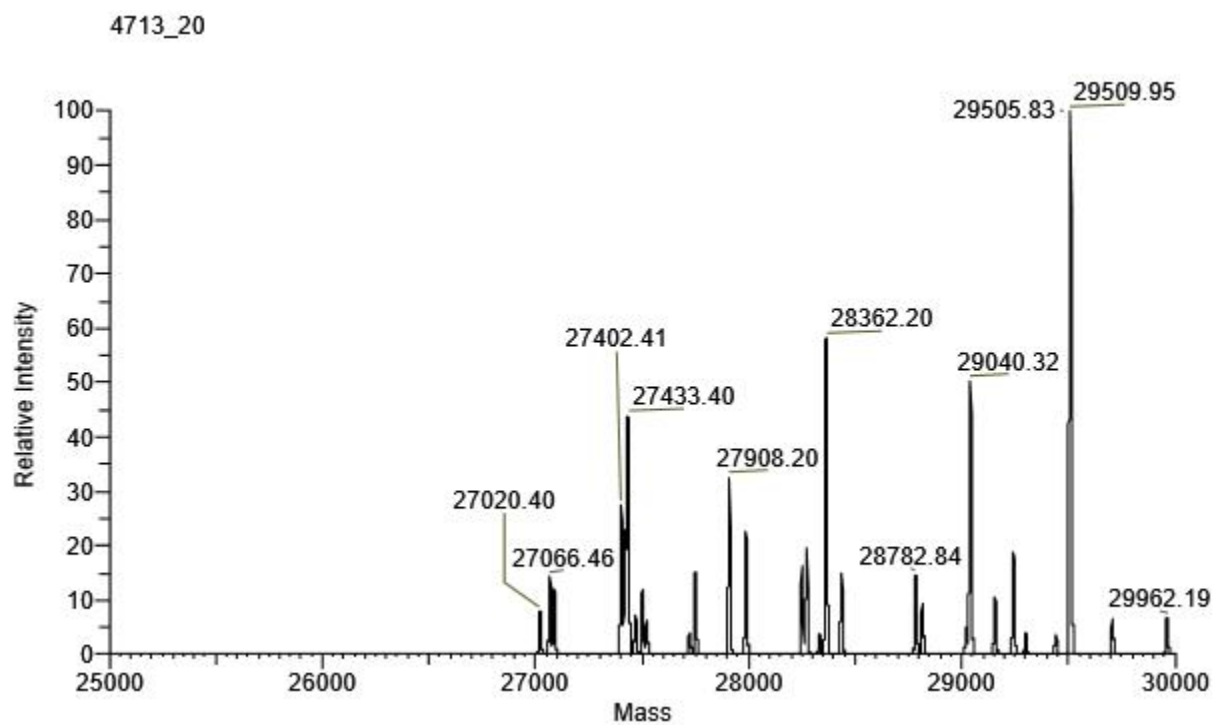
## Chromatogram



| Main Parameters ( ReSpect™ )                        |                        |
|-----------------------------------------------------|------------------------|
| Deconvolution Results Filter                        |                        |
| Output Mass Range                                   | 25000 - 30000          |
| Deconvoluted Spectra Display Mode                   | Isotopic Profile (new) |
| Charge State Distribution                           |                        |
| Deconvolution Mass Tolerance                        | 50 ppm                 |
| Choice of Peak Model                                |                        |
| Choice of Peak Model                                | Intact Protein         |
| Resolution at 400 m/z                               |                        |
| Raw File Specific                                   | 5303                   |
| Generate XIC for Each Component                     |                        |
| Calculate XIC                                       | True                   |
| Advanced Parameters ( ReSpect™ )                    |                        |
| Charge State Distribution                           |                        |
| Model Mass Range                                    | 27000 - 30000          |
| Charge State Range                                  | 10 - 50                |
| Minimum Adjacent Charges<br>(low & high model mass) | 4 - 4                  |
| Noise Parameters                                    |                        |
| Rel. Abundance Threshold (%)                        | 5                      |
| Deconvolution Quality                               |                        |
| Quality Score Threshold                             | 5                      |
| 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                               | Auto Peak Detection    |
| Sensitivity                                         | High                   |
| Rel. Intensity Threshold (%)                        | 5                      |

4713\_20 #349-378 RT:11.553-12.072 AV:30  
F:FTMS + p NSI Full ms [500.0000-2000.0000]





| 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                    | 29509.95     | 27589238.00 | 100.00             | 11.43                | 18.63 | 5                       | 27 - 31                   | 3.65         | 123.63      | 0.00       | 11.553           | 12.072          | 11.550  |
| 2                    | 28362.20     | 24249752.00 | 87.90              | 10.05                | 38.43 | 8                       | 17 - 24                   | 1.95         | 68.75       | -1147.75   | 11.553           | 12.072          | 11.880  |
| 3                    | 29040.32     | 20928974.00 | 75.86              | 8.67                 | 20.33 | 5                       | 31 - 35                   | 2.82         | 97.27       | -469.63    | 11.553           | 12.072          | 11.620  |
| 4                    | 29505.83     | 18410508.00 | 66.73              | 7.63                 | 20.38 | 5                       | 35 - 39                   | 1.77         | 59.99       | -4.12      | 11.553           | 12.072          | 11.620  |
| 5                    | 27433.40     | 17795844.00 | 64.50              | 7.38                 | 47.94 | 10                      | 16 - 25                   | 0.77         | 27.90       | -2076.55   | 11.553           | 12.072          | 11.880  |
| 6                    | 27908.20     | 13513648.00 | 48.98              | 5.60                 | 12.27 | 4                       | 32 - 35                   | 3.05         | 109.32      | -1601.75   | 11.553           | 12.072          | 11.620  |
| 7                    | 27402.41     | 11441552.00 | 41.47              | 4.74                 | 16.41 | 4                       | 28 - 31                   | 4.80         | 175.15      | -2107.54   | 11.553           | 12.072          | 11.550  |
| 8                    | 27420.76     | 9435185.00  | 34.20              | 3.91                 | 47.10 | 10                      | 26 - 35                   | 5.08         | 185.19      | -2089.19   | 11.553           | 12.072          | 11.810  |
| 9                    | 27987.24     | 9394101.00  | 34.05              | 3.89                 | 19.21 | 4                       | 32 - 35                   | 3.63         | 129.80      | -1522.71   | 11.553           | 12.072          | 11.550  |
| 10                   | 28271.09     | 8129363.00  | 29.47              | 3.37                 | 25.60 | 7                       | 29 - 35                   | 2.25         | 79.66       | -1238.86   | 11.553           | 12.072          | 11.550  |
| 11                   | 29242.12     | 7802734.00  | 28.28              | 3.23                 | 17.08 | 4                       | 37 - 40                   | 4.14         | 141.59      | -267.84    | 11.553           | 12.072          | 11.620  |
| 12                   | 28250.02     | 6755837.00  | 24.49              | 2.80                 | 21.21 | 5                       | 31 - 35                   | 3.48         | 123.02      | -1259.94   | 11.553           | 12.072          | 11.550  |
| 13                   | 27749.97     | 6278170.50  | 22.76              | 2.60                 | 26.09 | 5                       | 17 - 21                   | 0.74         | 26.64       | -1759.98   | 11.553           | 12.072          | 11.810  |
| 14                   | 28782.84     | 6030340.00  | 21.86              | 2.50                 | 16.56 | 4                       | 33 - 36                   | 3.49         | 121.18      | -727.11    | 11.553           | 12.072          | 11.620  |
| 15                   | 27066.46     | 5954093.50  | 21.58              | 2.47                 | 24.67 | 5                       | 32 - 36                   | 3.21         | 118.74      | -2443.49   | 11.553           | 12.072          | 11.550  |
| 16                   | 27086.51     | 5007755.00  | 18.15              | 2.08                 | 22.10 | 5                       | 32 - 36                   | 3.33         | 122.93      | -2423.45   | 11.553           | 12.072          | 11.550  |
| 17                   | 27501.95     | 4940727.00  | 17.91              | 2.05                 | 18.97 | 4                       | 27 - 30                   | 3.67         | 133.35      | -2008.00   | 11.553           | 12.072          | 11.810  |
| 18                   | 29155.59     | 4354767.00  | 15.78              | 1.80                 | 21.95 | 5                       | 36 - 40                   | 4.10         | 140.73      | -354.37    | 11.553           | 12.072          | 11.620  |
| 19                   | 28433.81     | 3897346.25  | 14.13              | 1.62                 | 20.34 | 4                       | 37 - 40                   | 1.80         | 63.44       | -1076.15   | 11.553           | 12.072          | 11.550  |
| 20                   | 28814.64     | 3869838.00  | 14.03              | 1.60                 | 19.55 | 4                       | 35 - 38                   | 5.08         | 176.38      | -695.31    | 11.553           | 12.072          | 11.550  |
| 21                   | 27020.40     | 3271158.00  | 11.86              | 1.36                 | 19.97 | 4                       | 34 - 37                   | 3.35         | 124.12      | -2489.55   | 11.553           | 12.072          | 11.550  |
| 22                   | 29962.19     | 2764666.00  | 10.02              | 1.15                 | 19.92 | 4                       | 34 - 37                   | 1.60         | 53.51       | 452.24     | 11.553           | 12.072          | 11.710  |
| 23                   | 29706.60     | 2690336.50  | 9.75               | 1.12                 | 18.64 | 4                       | 28 - 31                   | 3.79         | 127.51      | 196.65     | 11.553           | 12.072          | 11.810  |
| 24                   | 28436.84     | 2676186.00  | 9.70               | 1.11                 | 15.58 | 4                       | 28 - 31                   | 4.95         | 173.90      | -1073.11   | 11.553           | 12.072          | 11.550  |
| 25                   | 27522.21     | 2572028.25  | 9.32               | 1.07                 | 20.14 | 4                       | 28 - 31                   | 1.77         | 64.31       | -1987.74   | 11.553           | 12.072          | 11.770  |
| 26                   | 29019.85     | 2058608.75  | 7.46               | 0.85                 | 22.00 | 4                       | 32 - 35                   | 4.26         | 146.74      | -490.11    | 11.553           | 12.072          | 11.550  |
| 27                   | 27470.43     | 1830617.63  | 6.64               | 0.76                 | 20.57 | 4                       | 29 - 32                   | 2.68         | 97.58       | -2039.53   | 11.553           | 12.072          | 11.710  |
| 28                   | 29299.36     | 1616080.50  | 5.86               | 0.67                 | 17.72 | 4                       | 31 - 34                   | 5.25         | 179.03      | -210.60    | 11.553           | 12.072          | 11.550  |
| 29                   | 27723.21     | 1605771.88  | 5.82               | 0.67                 | 23.95 | 4                       | 36 - 39                   | 0.53         | 19.29       | -1786.74   | 11.553           | 12.072          | 11.550  |
| 30                   | 28331.73     | 1524961.38  | 5.53               | 0.63                 | 21.68 | 4                       | 30 - 33                   | 1.90         | 67.22       | -1178.22   | 11.553           | 12.072          | 11.810  |
| 31                   | 29440.48     | 1466175.88  | 5.31               | 0.61                 | 19.80 | 4                       | 34 - 37                   | 1.69         | 57.28       | -69.47     | 11.553           | 12.072          | 11.550  |
| 32                   | 27466.39     | 1424090.25  | 5.16               | 0.59                 | 16.81 | 4                       | 31 - 34                   | 3.15         | 114.62      | -2043.56   | 11.553           | 12.072          | 11.710  |