

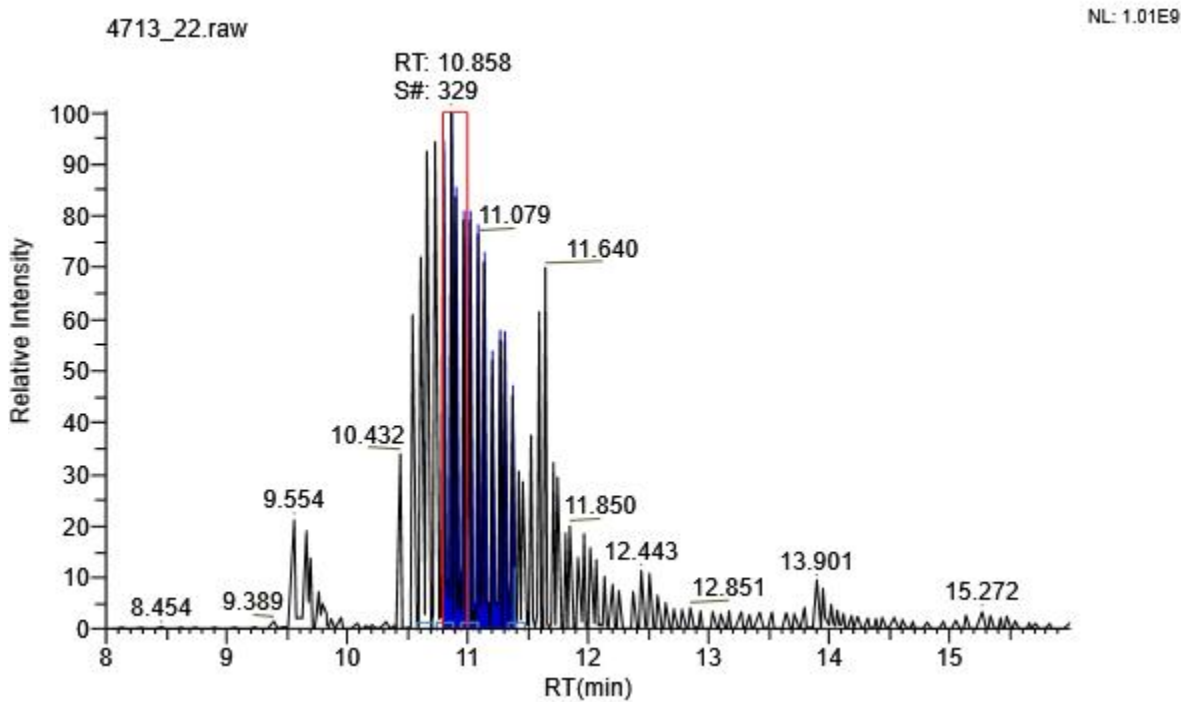
BioPharma Finder Report

Created: 22/12/2025 16:50:49

Sample Information	
Raw File Name	D:\Data\4713\4713_22.raw
Instrument Method	C:\Xcalibur\methods\UltiMate\NoFAIMS_Intact_Protein\Direct_Injection_TD_Thermo_Settings_25min.meth
Vial	RF10
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

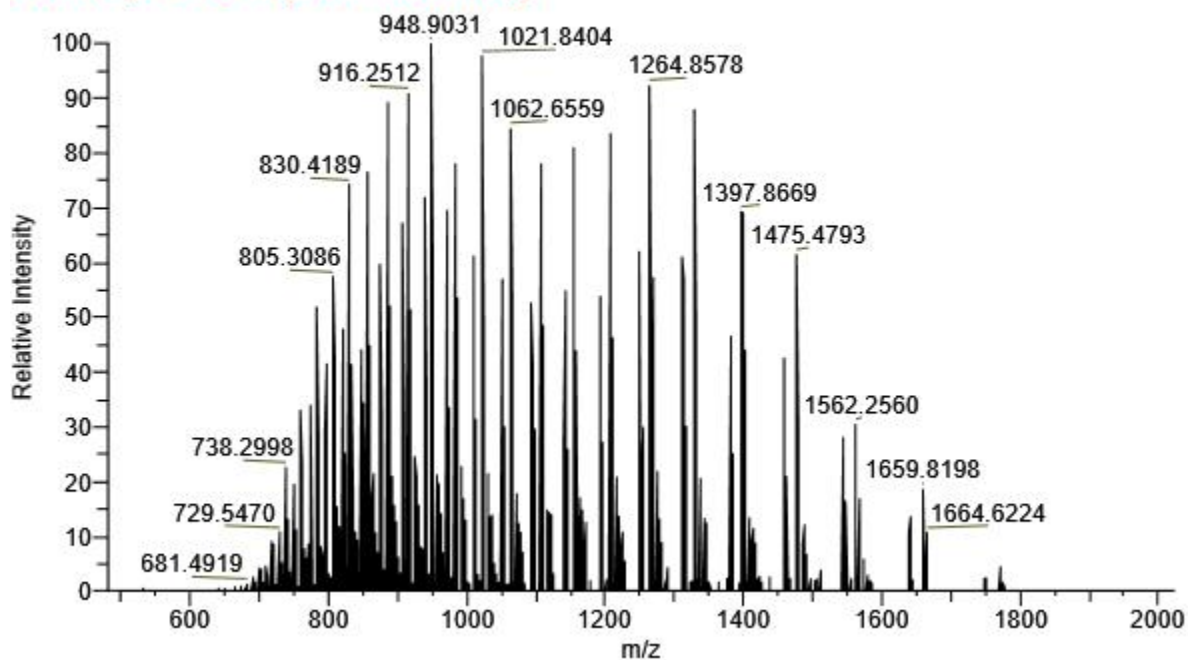
Chromatogram

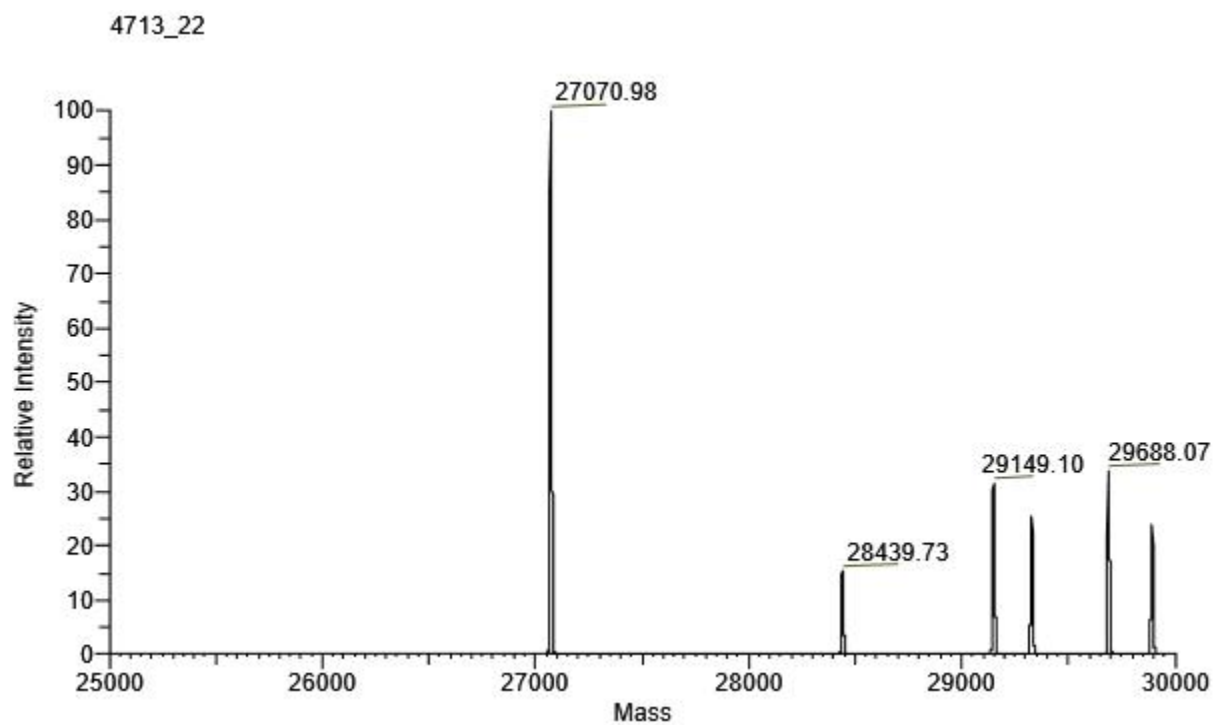


Main Parameters (ReSpect™)	
Deconvolution Results Filter	
Output Mass Range	25000 - 30000
Deconvoluted Spectra Display Mode	Isotopic Profile (new)
Charge State Distribution	
Deconvolution Mass Tolerance	50 ppm
Choice of Peak Model	
Choice of Peak Model	Intact Protein
Resolution at 400 m/z	
Raw File Specific	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 (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_22 #325-337 RT:10.792-10.996 AV:13

F:FTMS + p NSI Full ms [500.0000-2000.0000]



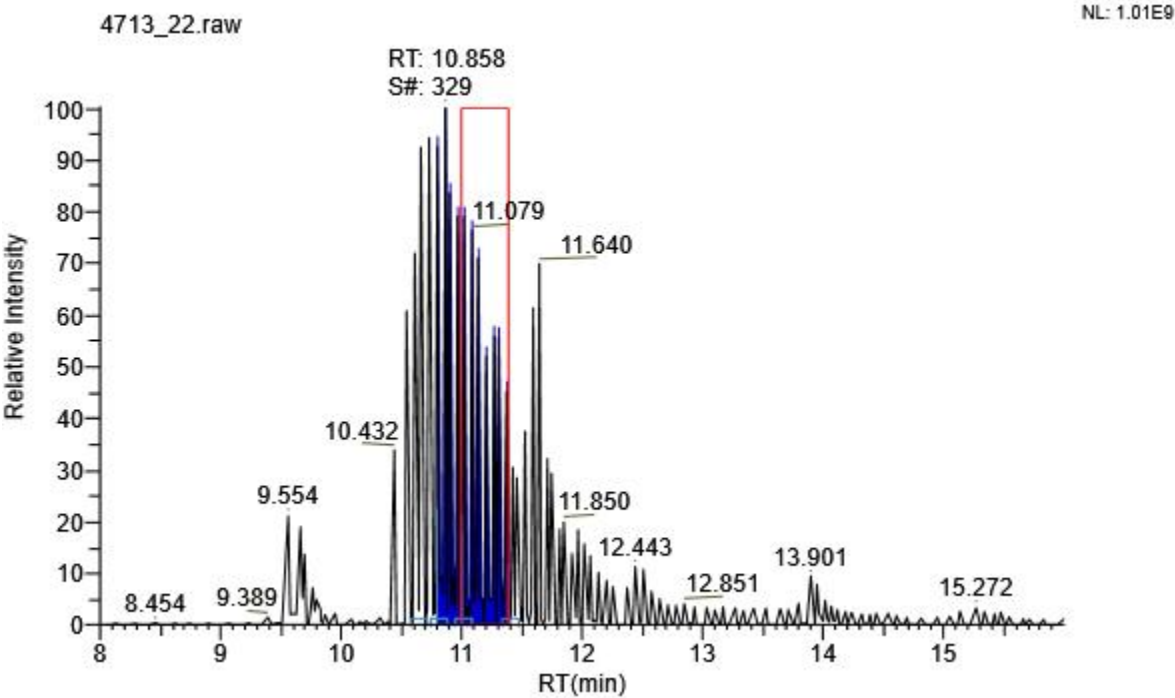


ReSpect Masses Table													
Row Number	Average Mass	Intensity	Relative Abundance	Fractional Abundance	Score	Number of Charge States	Charge State Distribution	Mass Std Dev	PPM Std Dev	Delta Mass	Start Time (min)	Stop Time (min)	Apex RT
1	27070.98	56419908.00	100.00	43.61	20.15	5	28 - 32	3.22	118.81	0.00	10.792	10.996	10.860
2	29688.07	19002546.00	33.68	14.69	19.06	4	31 - 34	2.14	72.02	2617.09	10.792	10.996	10.900
3	29149.10	17659750.00	31.30	13.65	17.95	4	25 - 28	2.16	74.07	2078.13	10.792	10.996	10.790
4	29327.53	14272084.00	25.30	11.03	19.43	4	32 - 35	2.69	91.81	2256.55	10.792	10.996	10.960
5	29891.87	13402521.00	23.75	10.36	23.95	5	36 - 40	5.11	170.81	2820.89	10.792	10.996	10.790
6	28439.73	8618565.00	15.28	6.66	23.28	5	34 - 38	3.29	115.77	1368.75	10.792	10.996	10.790

Sample Information	
Raw File Name	D:\Data\4713\4713_22.raw
Instrument Method	C:\Xcalibur\methods\UltiMate\NoFAIMS_Intact_Protein\Direct_Injection_TD_Thermo_Settings_25min.meth
Vial	RF10
Injection Volume (µL)	1
Sample Weight	0
Sample Volume (µL)	0
ISTD Amount	0
Dil Factor	1

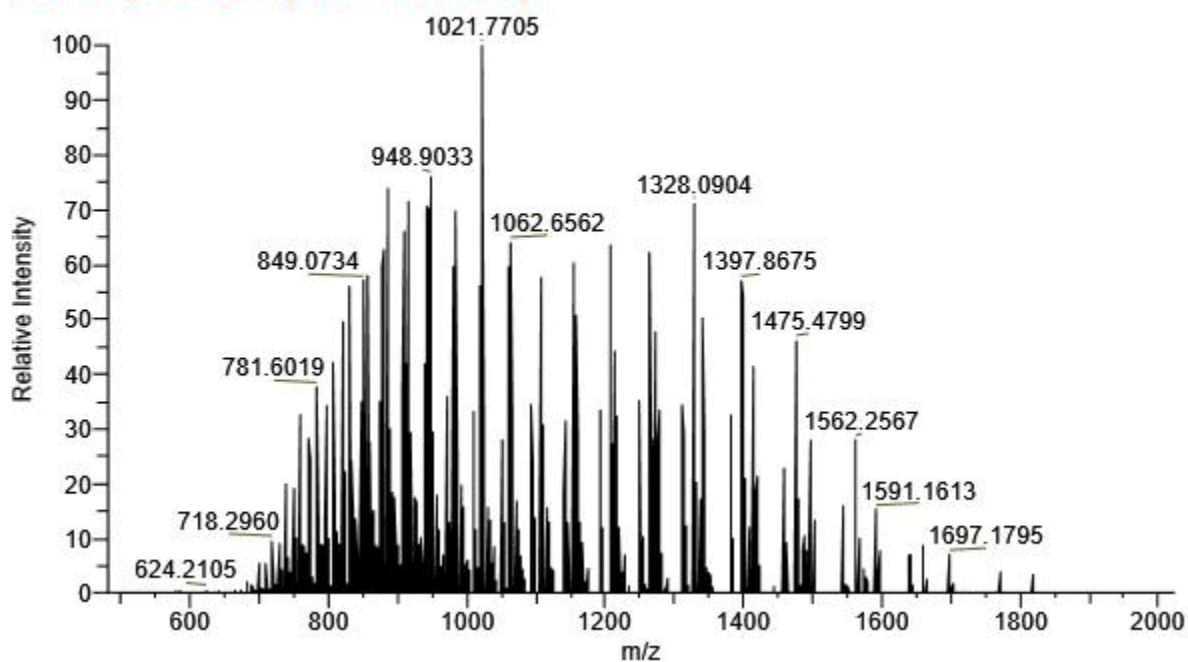
Chromatogram Parameters	
Use Restricted Time	True
Time Limits	8.000 - 16.000 minutes
Scan Range	227 - 617
m/z Range	400 - 2000
Chromatogram Trace Type	TIC
Sensitivity	High
Rel. Intensity Threshold (%)	5

Chromatogram

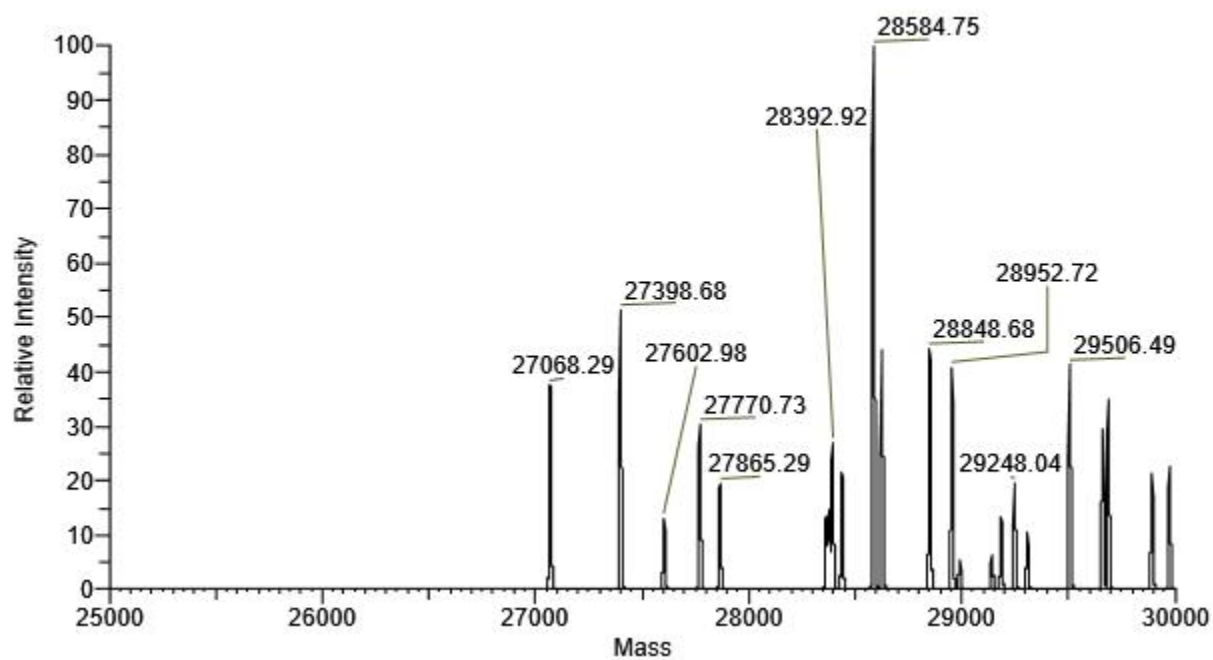


Main Parameters (ReSpect™)	
Deconvolution Results Filter	
Output Mass Range	25000 - 30000
Deconvoluted Spectra Display Mode	Isotopic Profile (new)
Charge State Distribution	
Deconvolution Mass Tolerance	50 ppm
Choice of Peak Model	
Choice of Peak Model	Intact Protein
Resolution at 400 m/z	
Raw File Specific	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 (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_22 #337-360 RT:10.996-11.390 AV:24
F:FTMS + p NSI Full ms [500.0000-2000.0000]



4713_22



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	28584.75	56991732.00	100.00	15.16	17.10	4	28 - 31	4.12	144.04	0.00	10.996	11.390	11.080
2	27398.68	29226944.00	51.28	7.77	16.96	4	32 - 35	3.86	140.90	-1186.07	10.996	11.390	11.010
3	28848.68	25165164.00	44.16	6.69	17.57	5	33 - 37	2.39	83.01	263.93	10.996	11.390	11.010
4	28624.93	25049560.00	43.95	6.66	20.59	4	35 - 38	2.54	88.90	40.18	10.996	11.390	11.300
5	29506.49	23560622.00	41.34	6.27	34.28	7	32 - 38	4.28	145.22	921.75	10.996	11.390	11.130
6	28952.72	23155788.00	40.63	6.16	18.94	4	33 - 36	2.03	69.96	367.97	10.996	11.390	11.370
7	27068.29	21366810.00	37.49	5.68	34.66	11	25 - 35	2.83	104.65	-1516.46	10.996	11.390	11.010
8	29686.90	19872552.00	34.87	5.28	34.25	8	28 - 35	2.95	99.47	1102.16	10.996	11.390	11.300
9	27770.73	17227672.00	30.23	4.58	25.06	6	32 - 37	2.23	80.36	-814.01	10.996	11.390	11.300
10	29659.94	16756443.00	29.40	4.46	26.51	6	34 - 39	4.14	139.58	1075.19	10.996	11.390	11.010
11	28392.92	15229959.00	26.72	4.05	21.70	8	32 - 39	2.48	87.35	-191.83	10.996	11.390	11.010
12	29973.86	12859191.00	22.56	3.42	18.53	4	38 - 41	3.86	128.78	1389.12	10.996	11.390	11.080
13	28437.38	12184066.00	21.38	3.24	37.25	8	33 - 40	2.76	96.89	-147.37	10.996	11.390	11.370
14	29891.45	12106662.00	21.24	3.22	16.65	4	38 - 41	5.10	170.51	1306.70	10.996	11.390	11.010
15	29248.04	11066481.00	19.42	2.94	15.85	4	35 - 38	1.83	62.68	663.29	10.996	11.390	11.010
16	27865.29	11018791.00	19.33	2.93	20.40	5	34 - 38	2.94	105.57	-719.46	10.996	11.390	11.010
17	28376.77	8117495.00	14.24	2.16	23.88	5	18 - 22	1.60	56.49	-207.97	10.996	11.390	11.300
18	28363.12	7632528.00	13.39	2.03	16.46	4	32 - 35	2.16	76.12	-221.63	10.996	11.390	11.010
19	29184.36	7551475.00	13.25	2.01	19.40	4	37 - 40	2.28	77.96	599.61	10.996	11.390	11.370
20	27602.98	7360210.00	12.91	1.96	16.72	4	32 - 35	3.22	116.52	-981.77	10.996	11.390	11.010
21	29307.04	5949861.50	10.44	1.58	17.44	4	36 - 39	4.22	143.92	722.29	10.996	11.390	11.370
22	29141.46	3553911.50	6.24	0.95	18.69	4	38 - 41	3.96	135.86	556.71	10.996	11.390	11.010
23	28989.23	3040487.75	5.33	0.81	18.85	4	35 - 38	3.17	109.52	404.48	10.996	11.390	11.010