



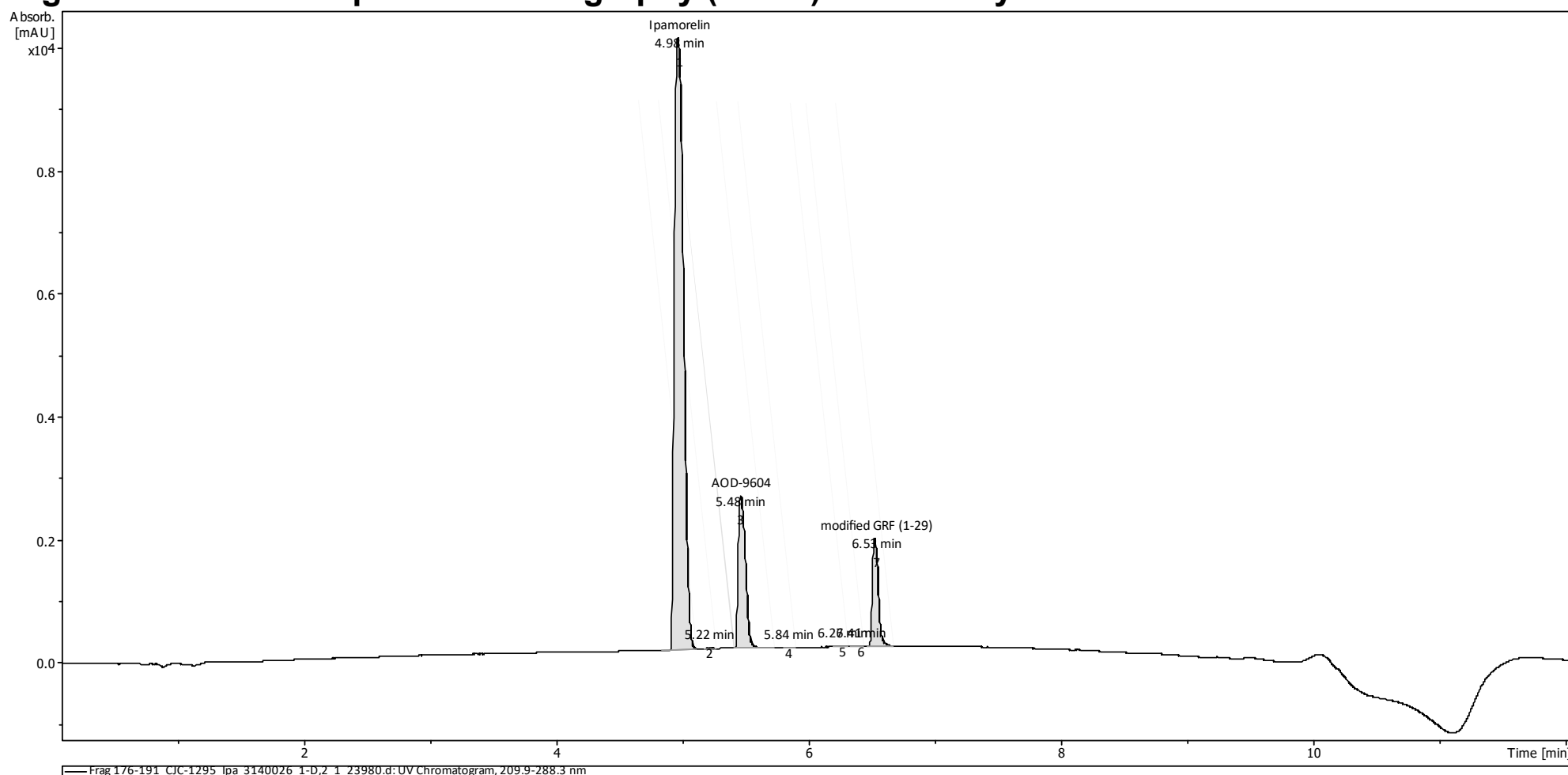
MZ Biolabs
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Certificate of Analysis

Fragment 176-191 1mg, CJC-1295 3mg, Ipamorelin 7mg

Compounds : Frag 176-191, CJC-1295, Ipamorelin **Client** : Biotech peptides
Lot number : 3141025
Analysis date : 2026-07-27
Purity % : 99.85%
Method : HPLC-UV-MS

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 7		
	Time (min)	Area	%Area	
1	4.98	5.07E+04	76.24	Ipamorelin
2	5.22	2.49E+01	0.04	
3	5.48	9.95E+03	14.97	Frag 176-191
4	5.84	2.73E+01	0.04	
5	6.27	3.26E+01	0.05	
6	6.41	1.65E+01	0.02	
7	6.53	5.75E+03	8.64	CJC-1298

Overall Purity : 99.85

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com

2026-07-30

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers.
These are not normally detected using UV and are not considered impurities.

Fragment 176-191 1mg, CJC-1295 3mg, Ipamorelin 7mg

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.

The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Ipamorelin

Ipamorelin PubChem CID: 9831659

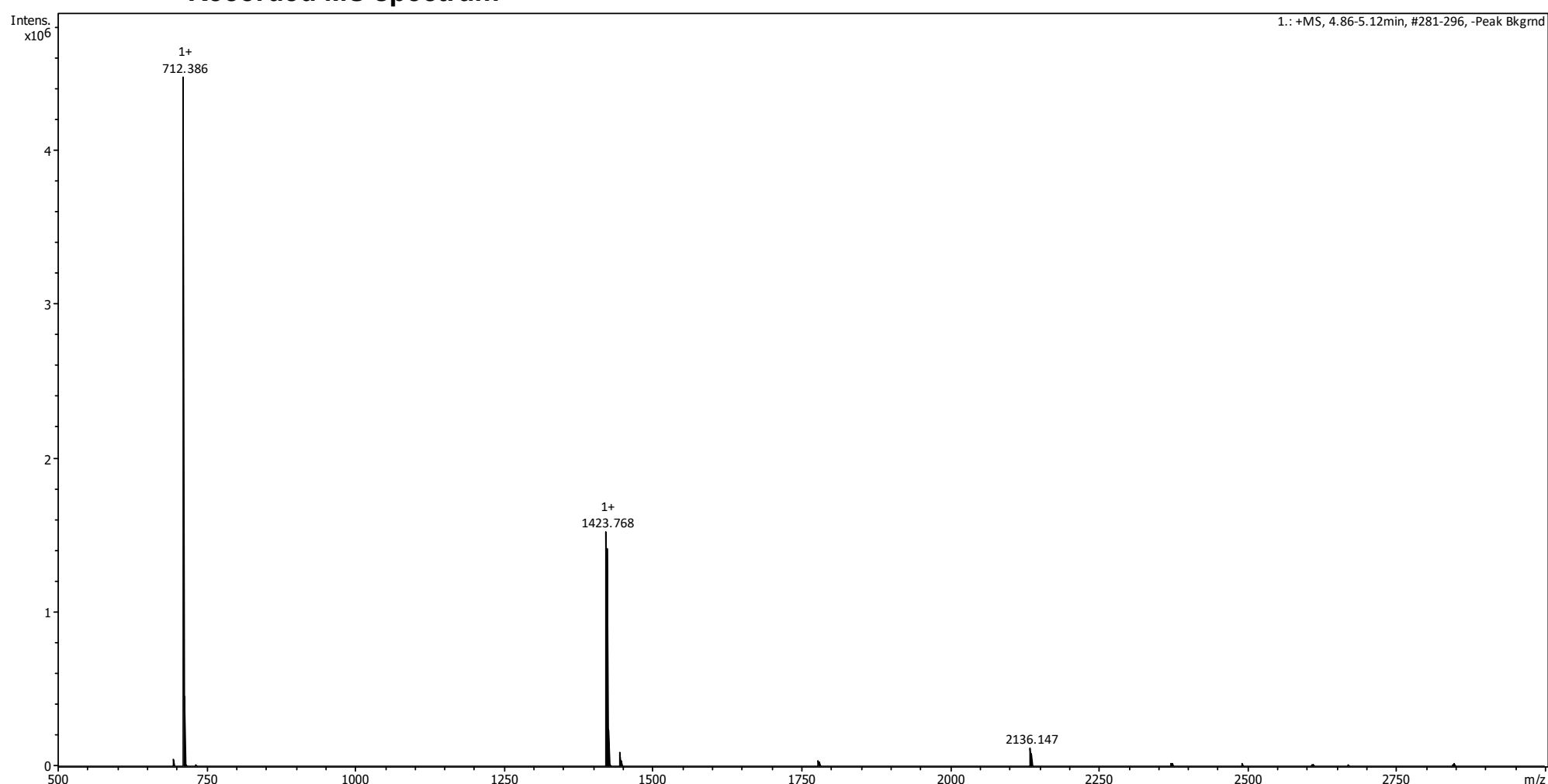
<https://pubchem.ncbi.nlm.nih.gov/compound/9831659>

Expected monoisotopic mass : 711.38 Da

Measured monoisotopic mass : 711.39 Da

Molecular weight confirmed

Recorded MS spectrum



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Fragment 176-191 1mg, CJC-1295 3mg, Ipamorelin 7mg

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.

The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Fragment 176-191

Fragment 176-191 PubChem CID : 71300630

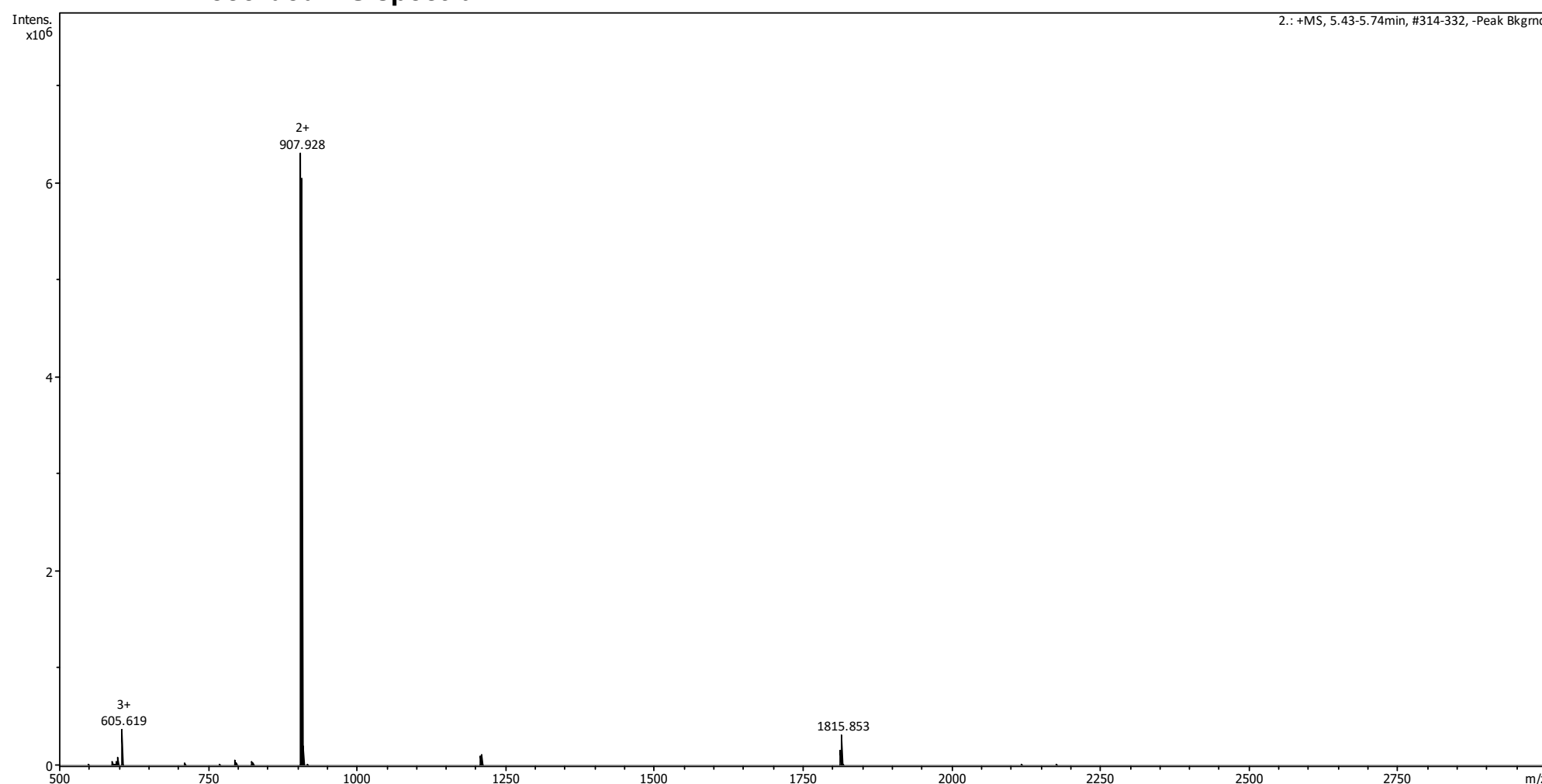
<https://pubchem.ncbi.nlm.nih.gov/compound/71300630>

Expected monoisotopic mass : 1813.86 Da

Measured monoisotopic mass : 1813.85 Da

Molecular weight confirmed

Recorded MS spectrum



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Fragment 176-191 1mg, CJC-1295 3mg, Ipamorelin 7mg

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.

The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

CJC-1295 no DAC

CJC 1295 no DAC PubChem CID : 91976842

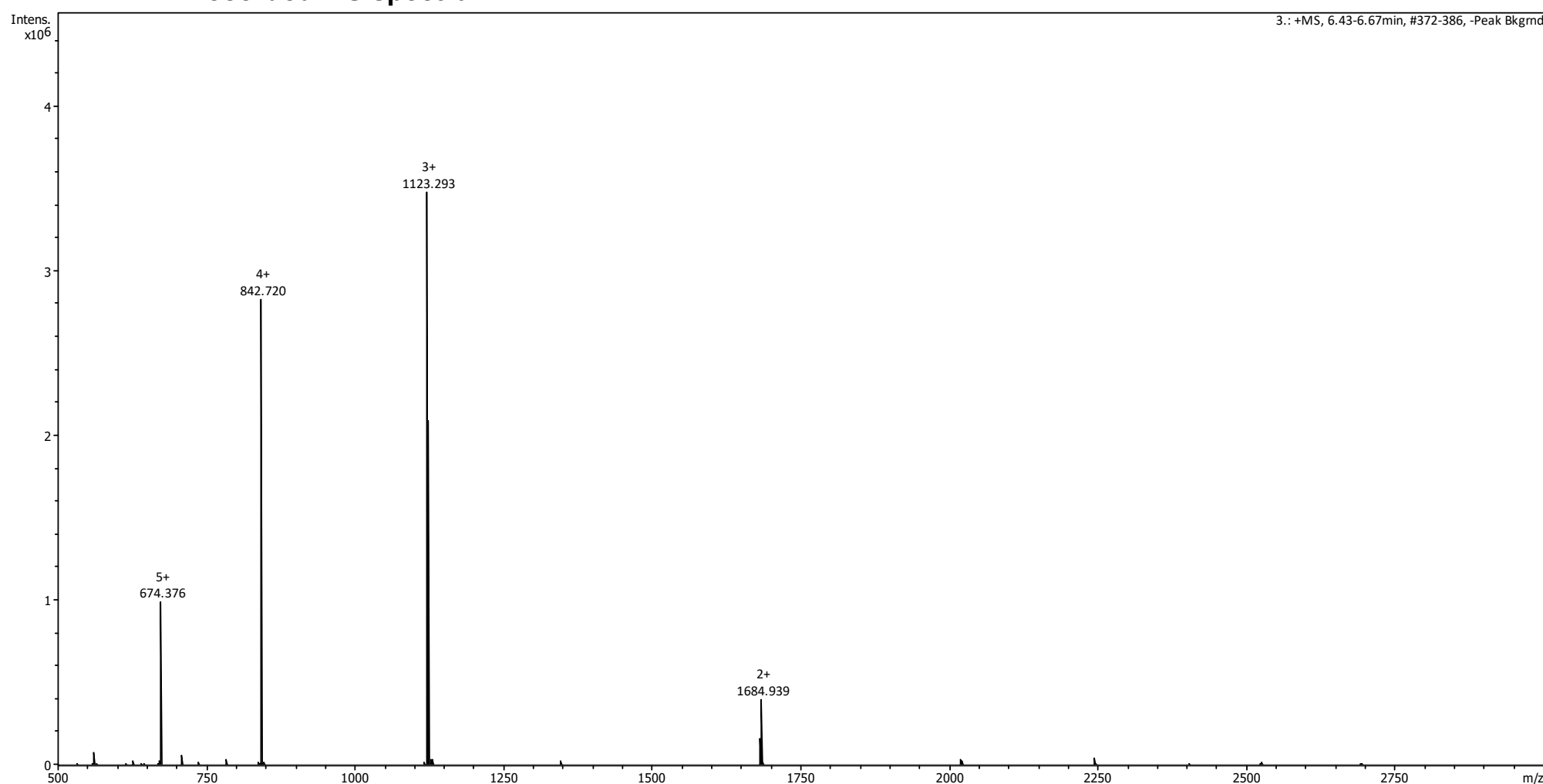
<https://pubchem.ncbi.nlm.nih.gov/compound/91976842>

Expected monoisotopic mass : 3365.89 Da

Measured monoisotopic mass : 3365.84 Da

Molecular weight confirmed

Recorded MS spectrum



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