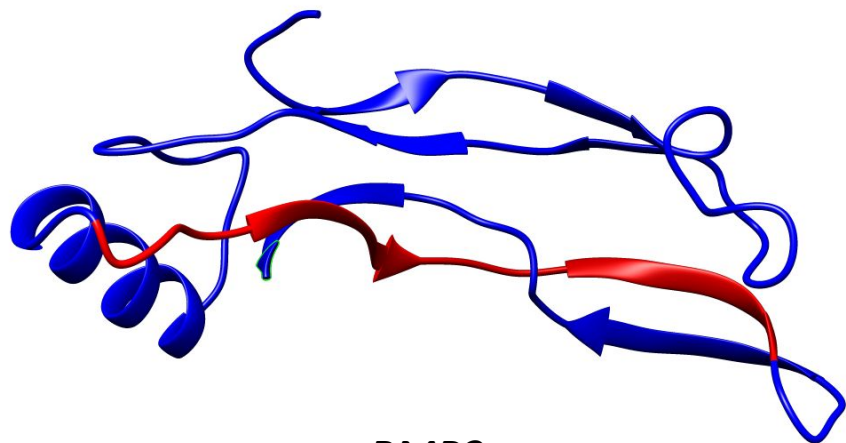
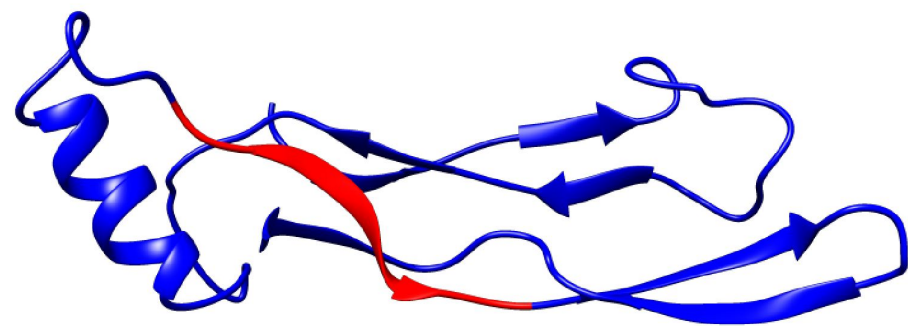


| Nazwa peptydu | Sekwencja | Masa peptydu |
|---------------|--|--------------|
| BMP 2-5 | H ₂ N-LKIPKA AbuAbu VPTELSAIS Nle LYL-CONH ₂ | 2238 |
| BMP 2-6 | H ₂ N-LKIPKA SS VPTELSAIST L LYL-CONH ₂ | 2229 |
| BMP 7-1 | H ₂ N-LKPSSAPTQLN-CONH ₂ | 1153 |



BMP2



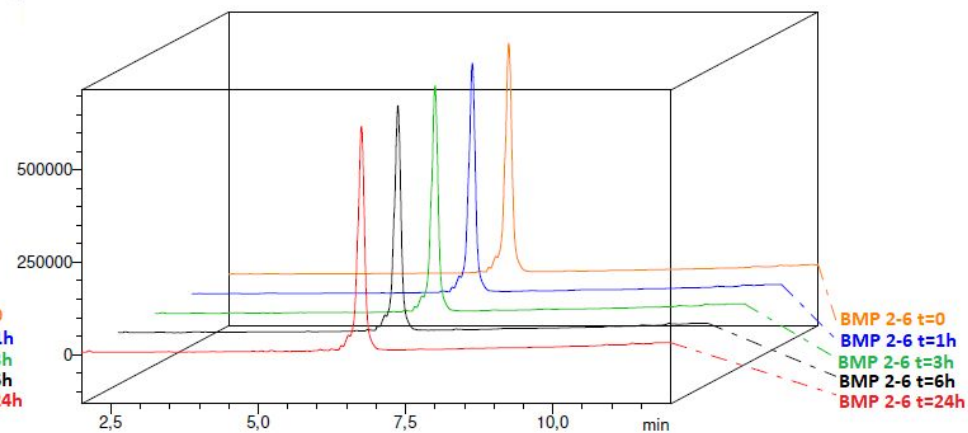
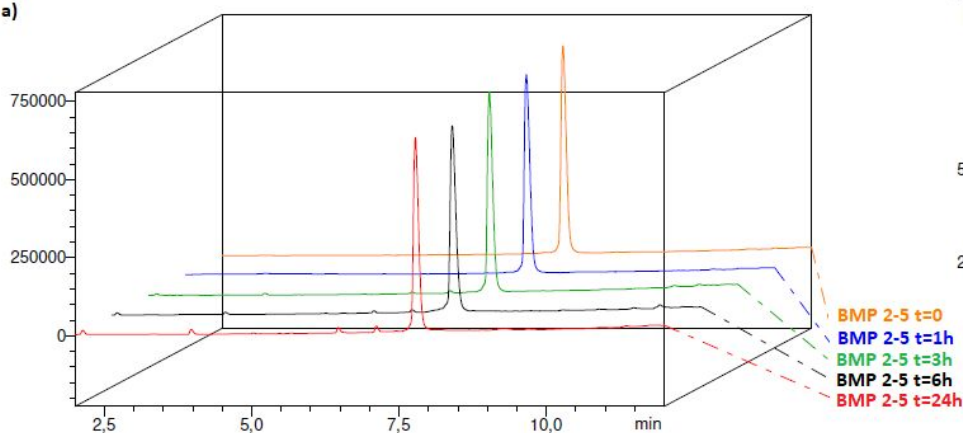
BMP7



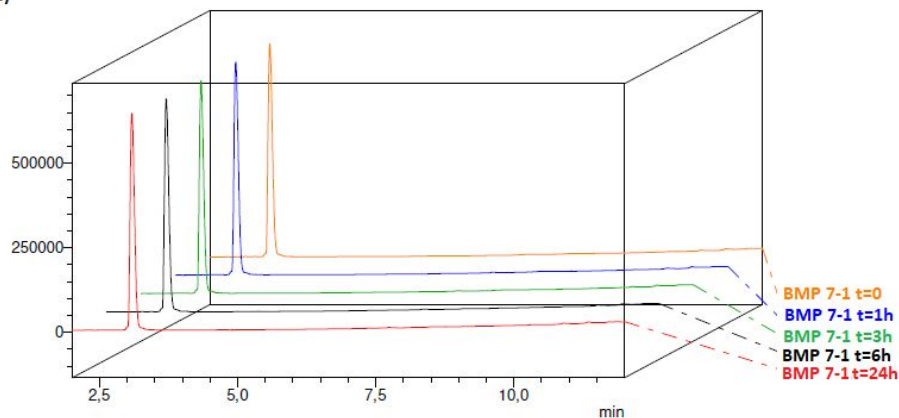
| Nazwa peptydu | Sekwencja | Masa peptydu |
|---------------|---|--------------|
| R-BMP 2-5 | H ₂ N-(RADA) ₄ VLGLKIPKAAbuAbuVPTELSAISNleLYL-CONH ₂ | 4201,26 |
| R-BMP 2-6 | H ₂ N-(RADA) ₄ VLGLKIPKASSVPTELSAISTLYL-CONH ₂ | 4193,29 |
| R-BMP 7-1 | H ₂ N-(RADA) ₄ VLGLKPSSAPTQLN-CONH ₂ | 3117,63 |

Stabilność peptydów BMP w wodzie

a)

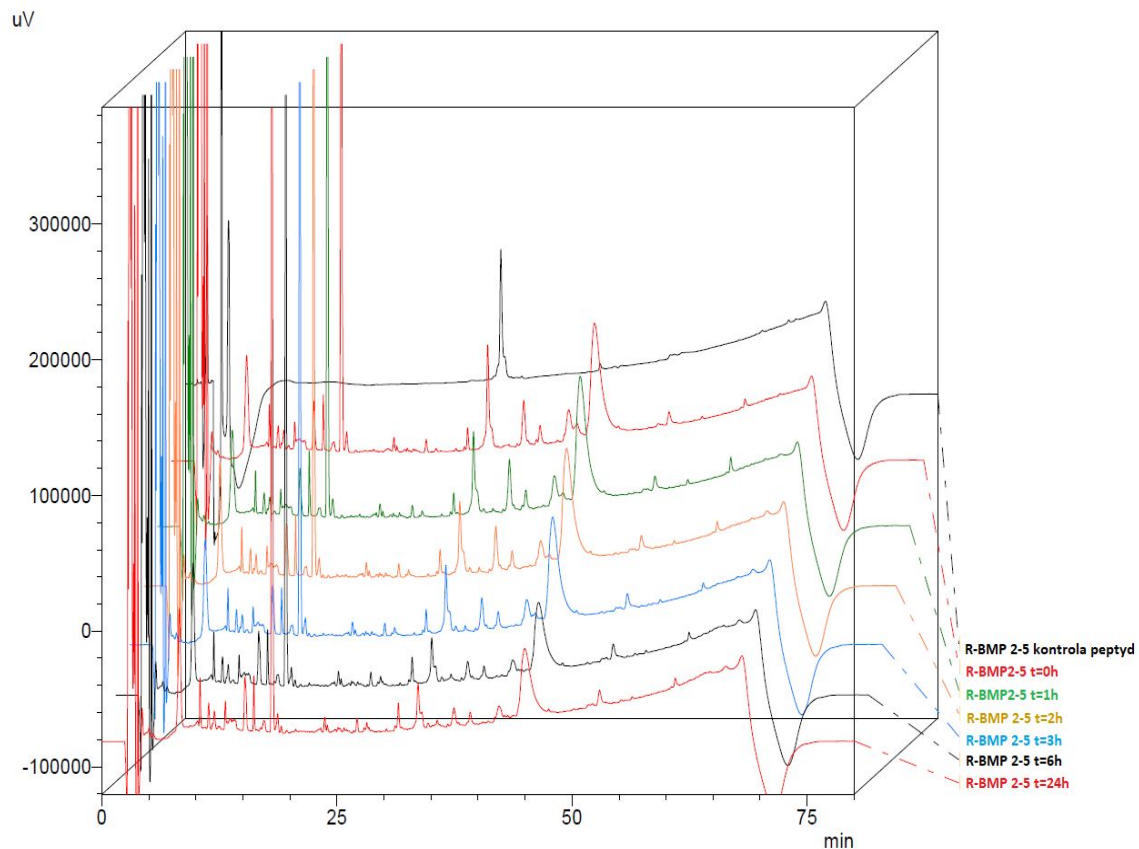


c)



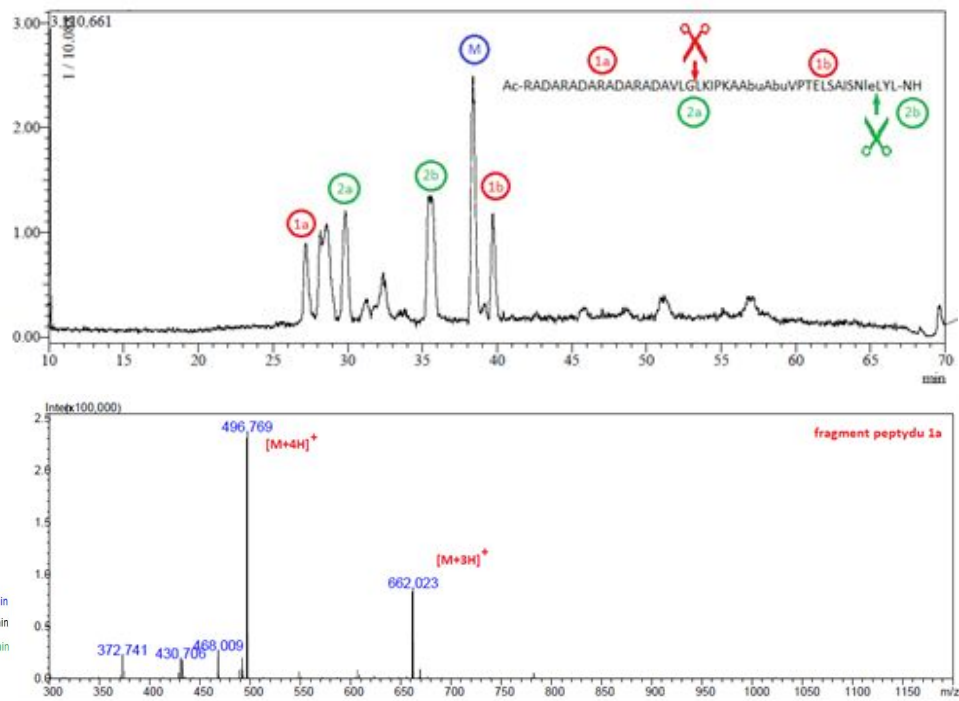
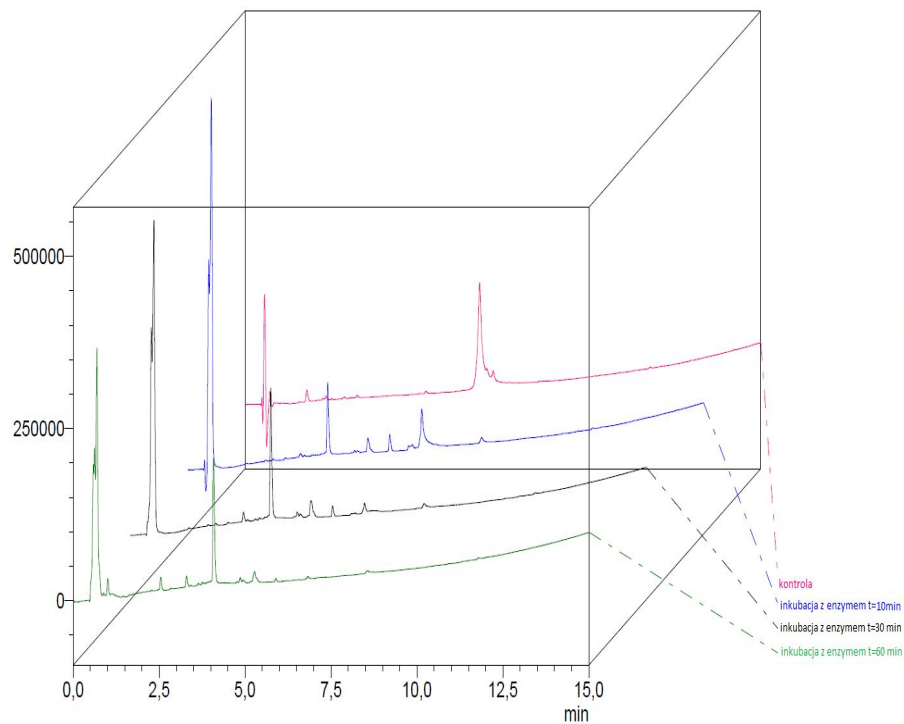
Ryc. 1 Chromatogramy uzyskane dla peptydów a) BMP 2-5 b) BMP 2-6 i c) BMP 7-1 po inkubacji w wodzie w czasie 0,1,3,6 i 24h.

Stabilność peptydów R-BMP w osoczu



Ryc. 2 Porównanie chromatogramów: R-BMP2-5 po inkubacji w osoczu w temperaturze 37°C, w punktach czasowych: 0, 1, 2, 3, 6 i 24 h.

uV



Ryc. 3 Porównanie chromatogramów: samego peptydu oraz po 10, 30 i 60 minutach inkubacji peptydu z metaloproteinazą MMP7.