

Cyclic peptides acting as allosteric inhibitors of human thymidylate synthase and cancer cell growth.

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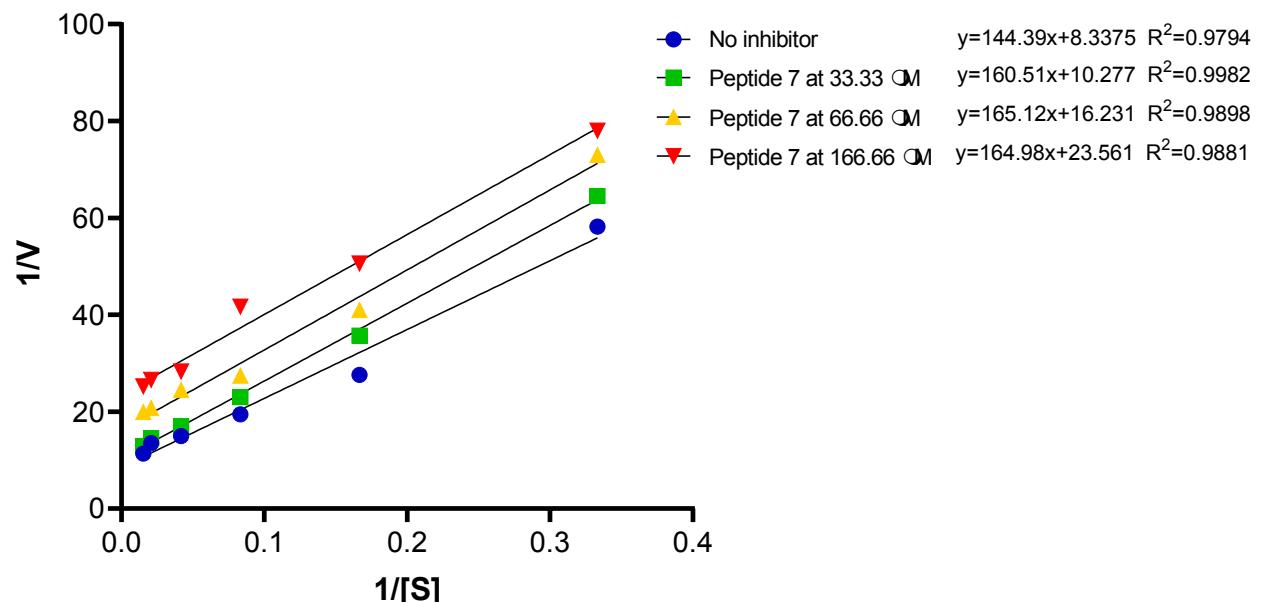
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Figure SI-1. Allosteric inhibition profile for peptide 7. SI-2

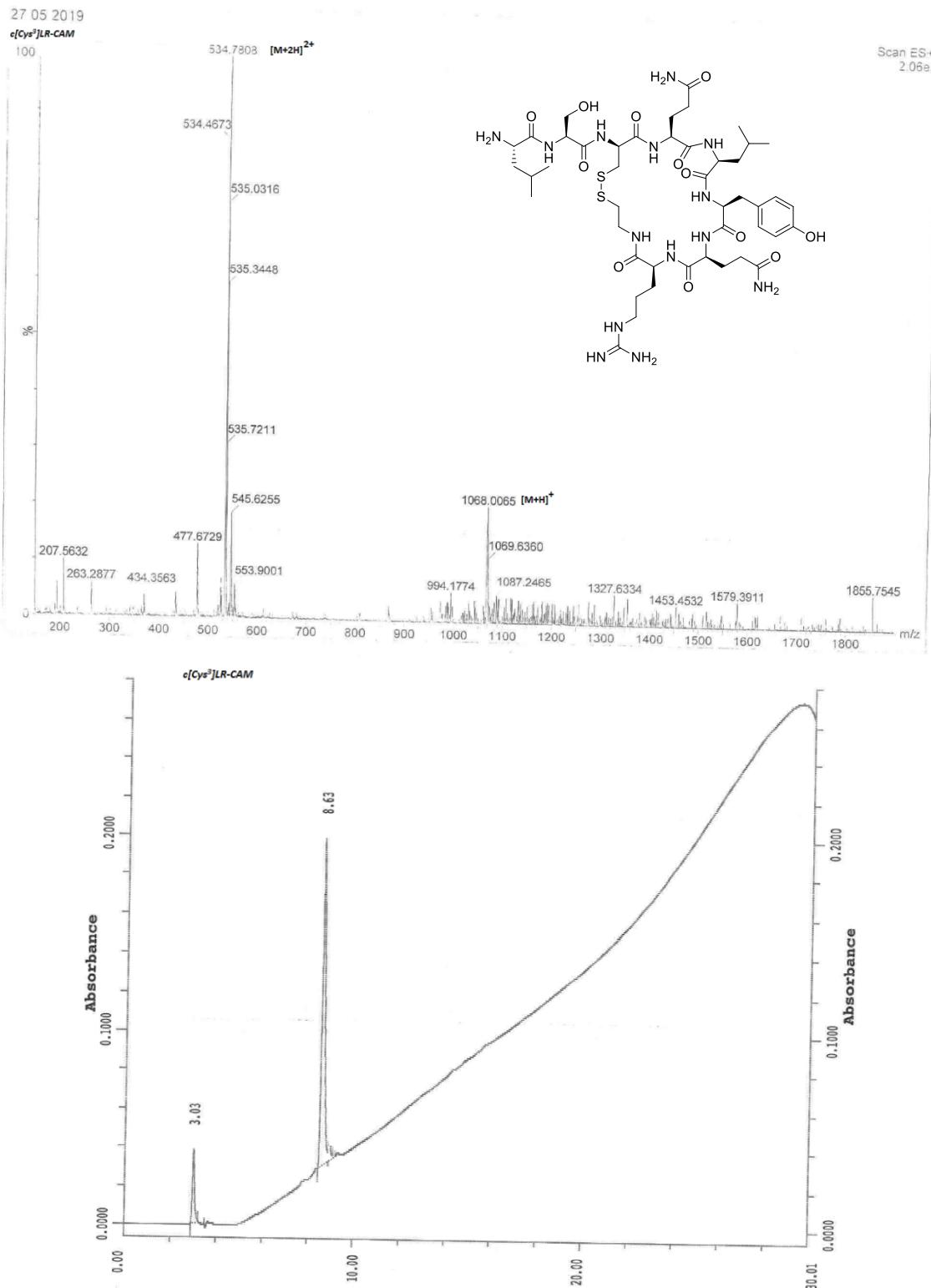
Mass spectra and analytical HPLC chromatograms of the final cyclic peptides. SI-3

Figure SI-1. Allosteric inhibition profile for peptide 7; V= initial rate measured as the change in absorbance at 340 nm per minute; [S] = [MTHF]/ μ M.

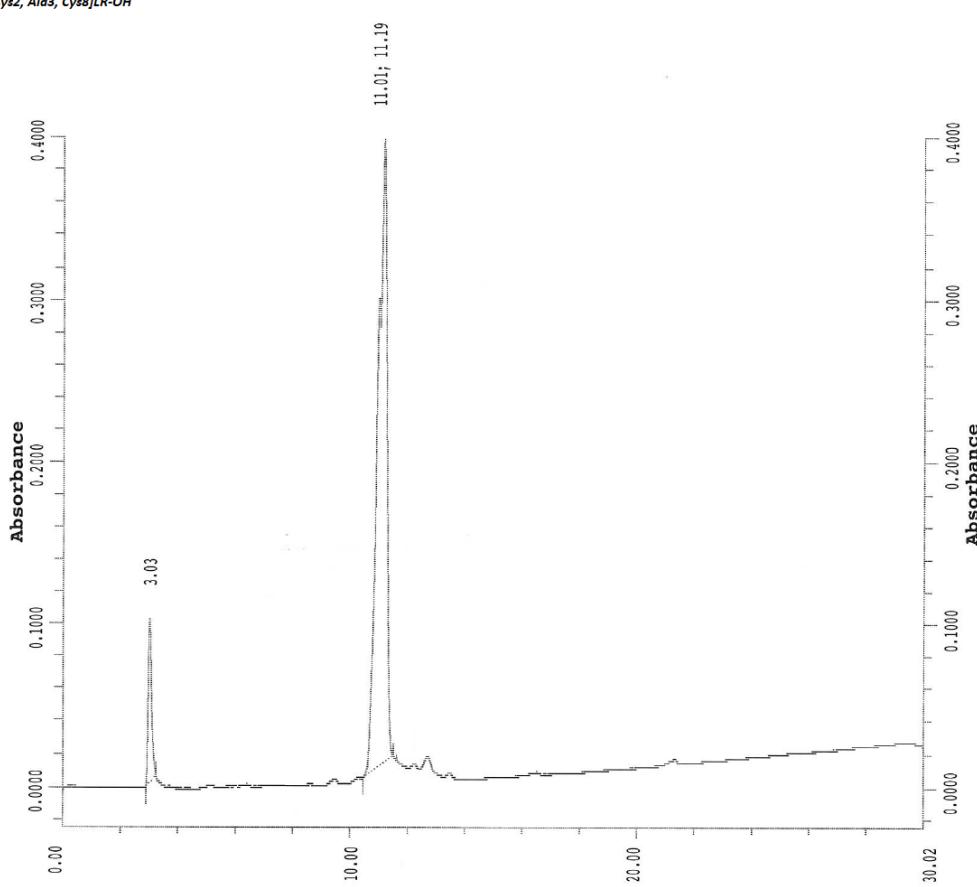
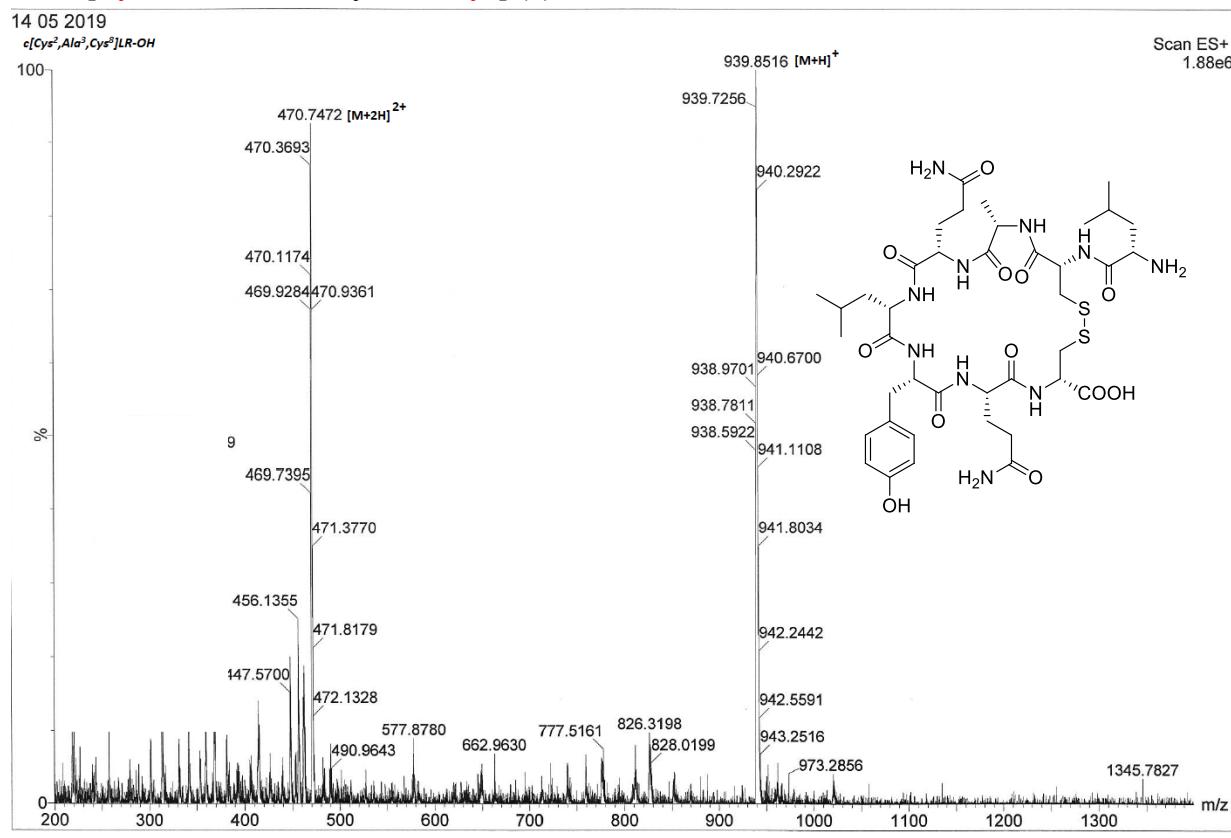


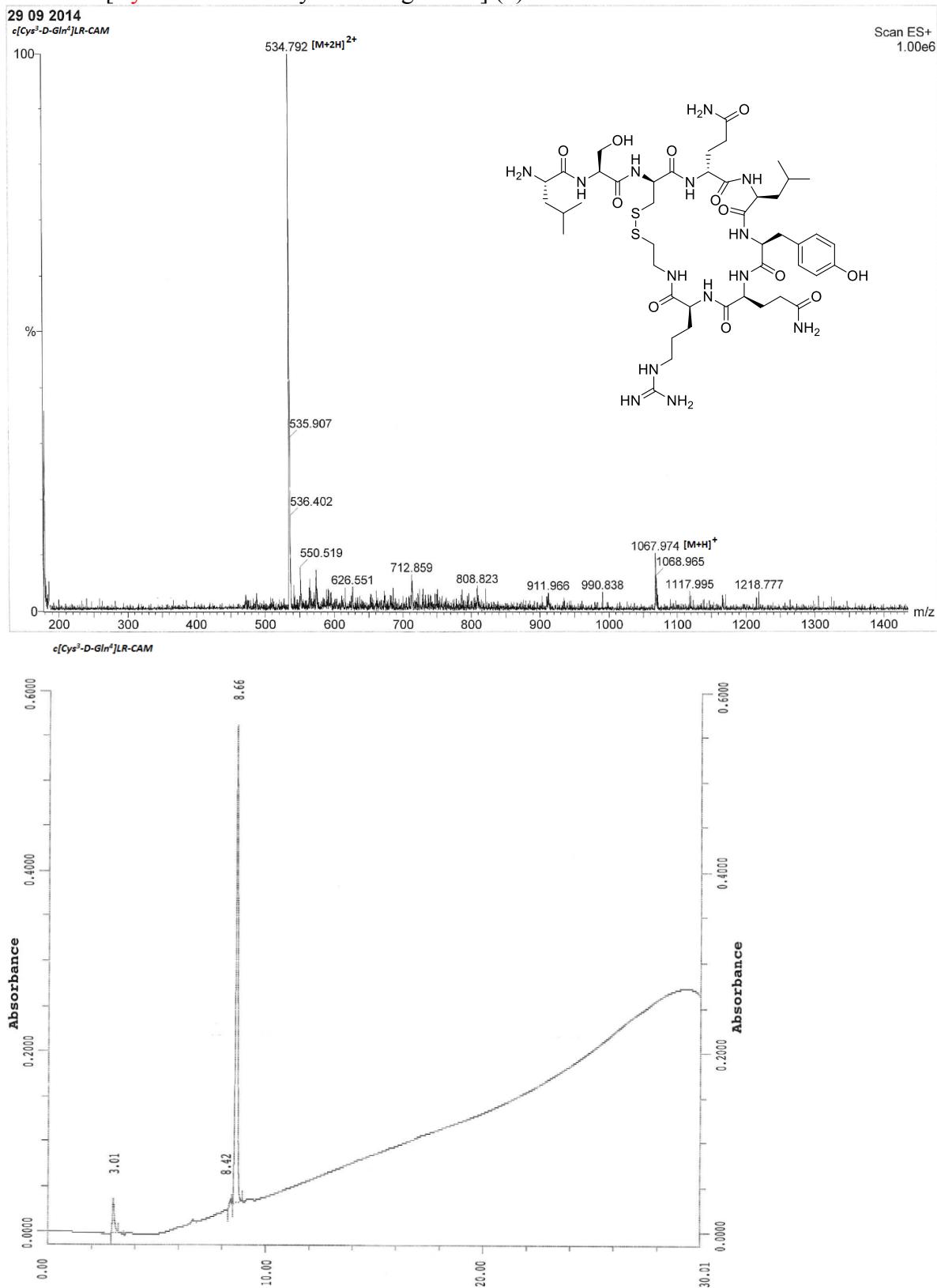
Mass spectra and analytical HPLC chromatograms of the final cyclic peptides.

Leu-Ser-c[Cys-Gln-Leu-Tyr-Gln-Arg-CAM] (1)



Leu-c[Cys-Ala-Gln-Leu-Tyr-Gln-Cys] (2)



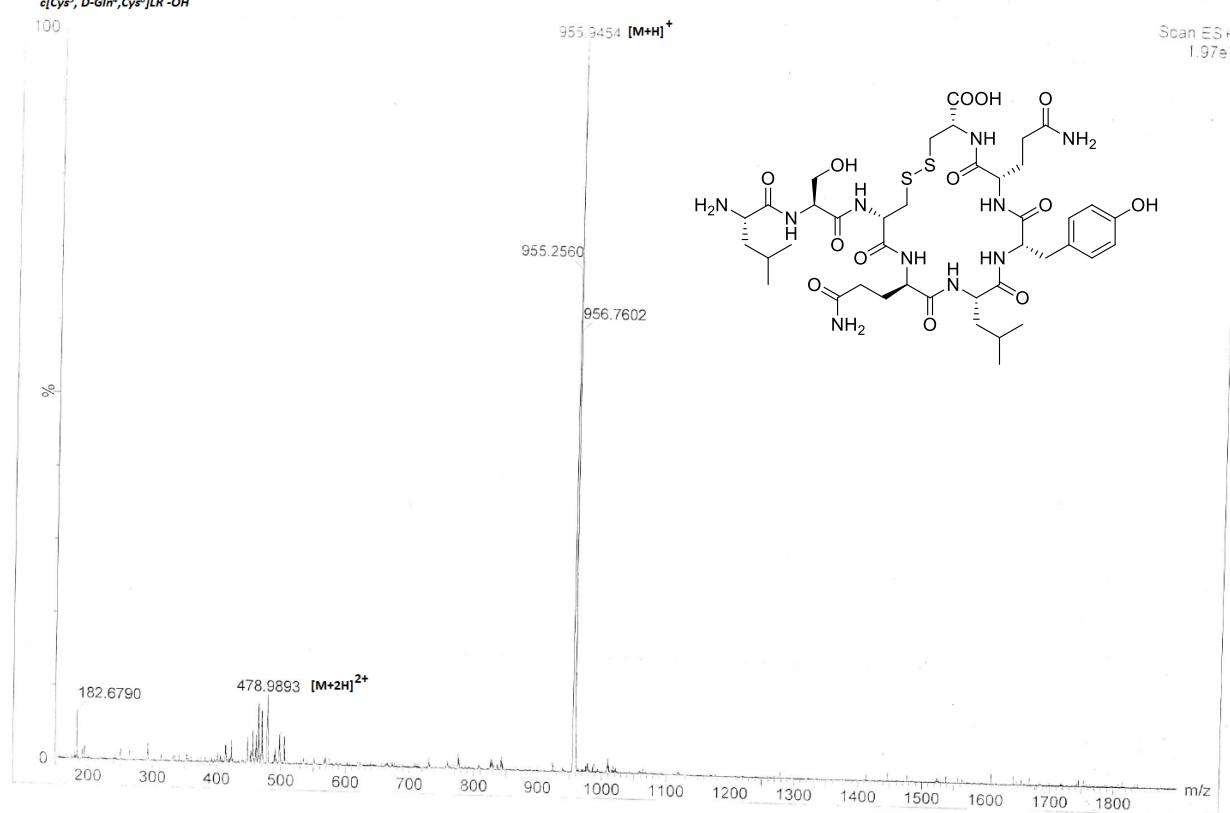
Leu-Ser-c[Cys³-D-Gln⁴]Leu-Tyr-Gln-Arg-CAM] (3)

SUPPORTING INFORMATION

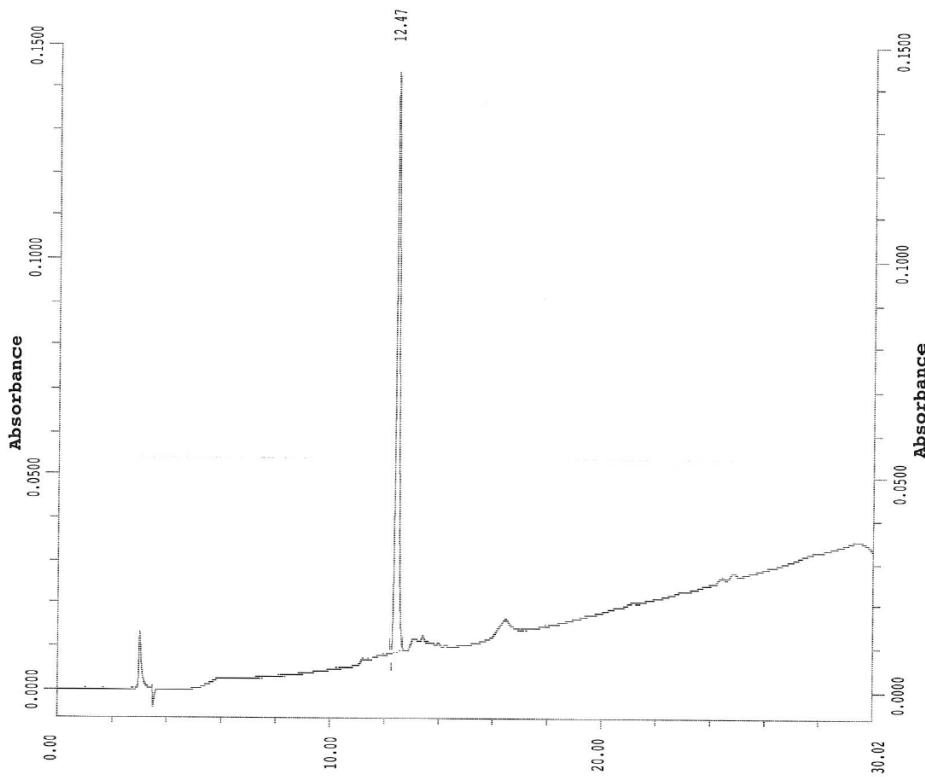
Leu-Ser-c[Cys- D-Gln-Leu-Tyr-Gln-Cys] (4)

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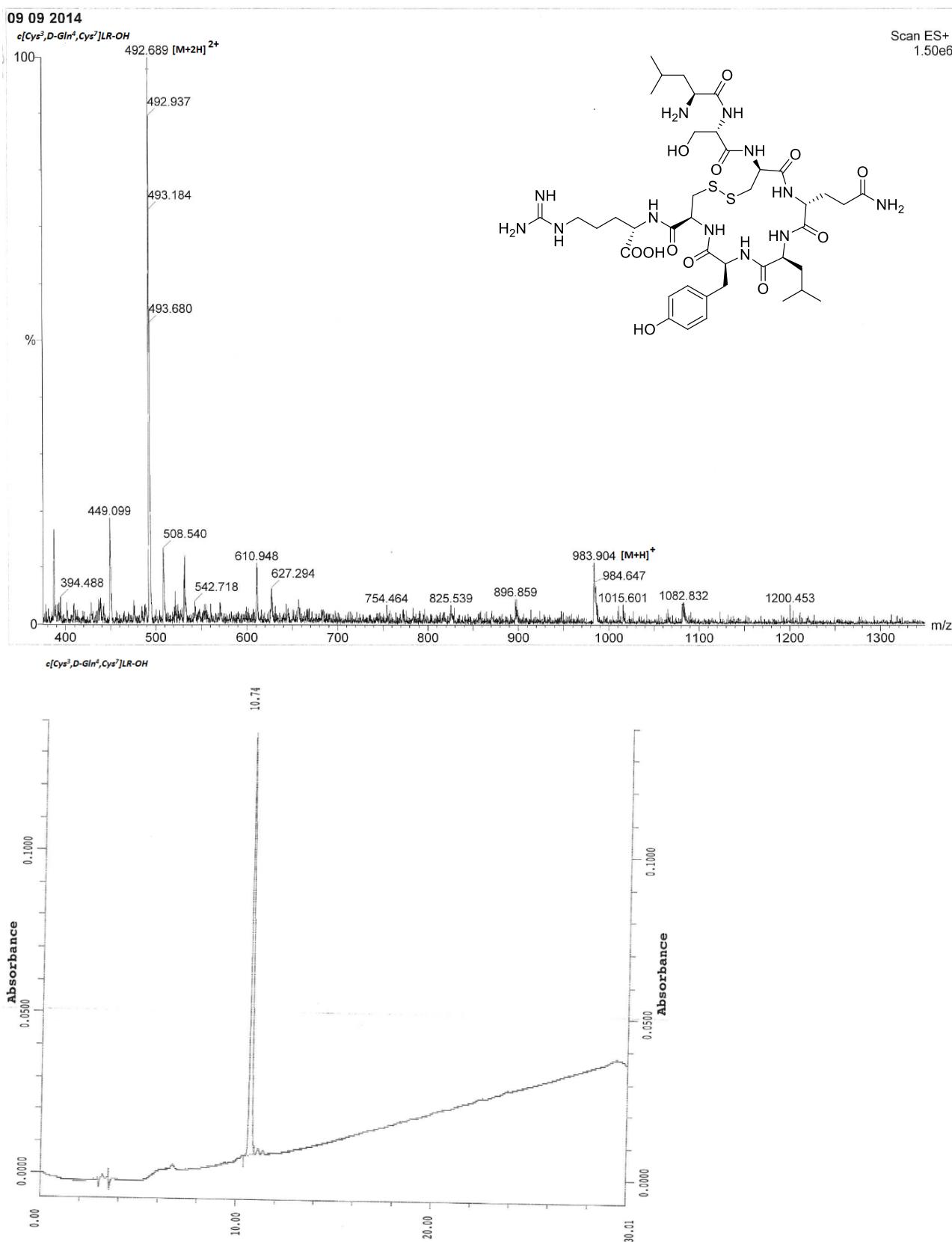
c[Cys³, D-Gln⁴, Cys⁸]LR-OH



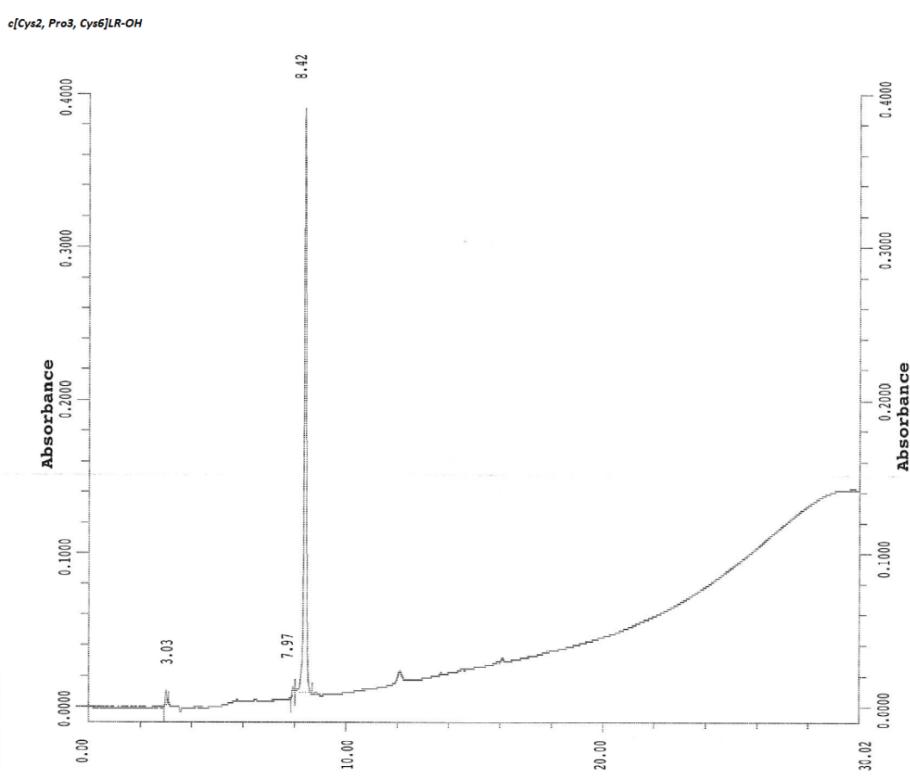
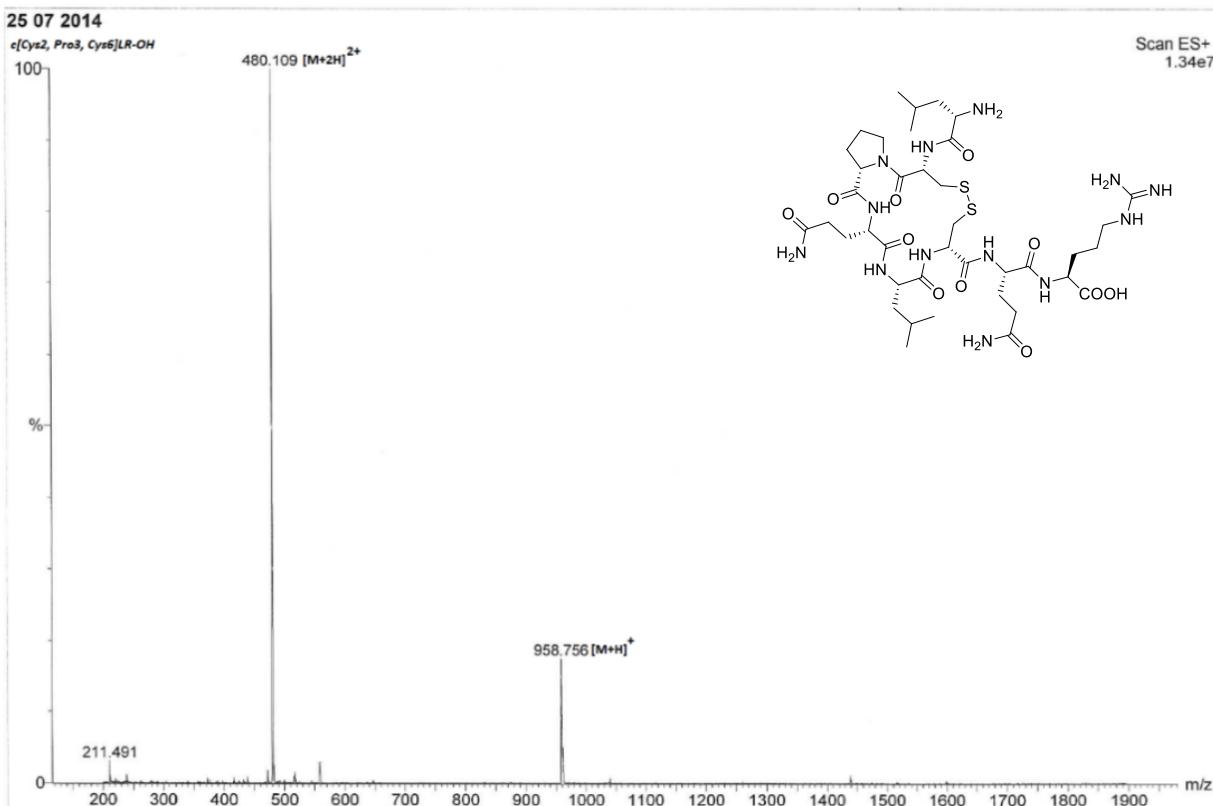
c[Cys2, Pro3, Cys8]LR-OH



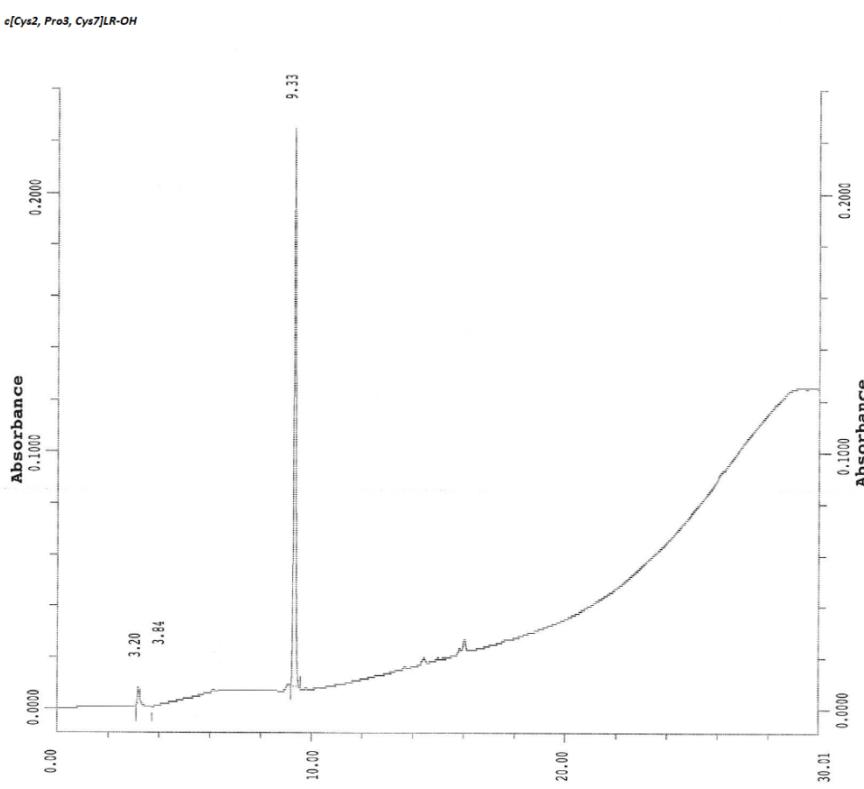
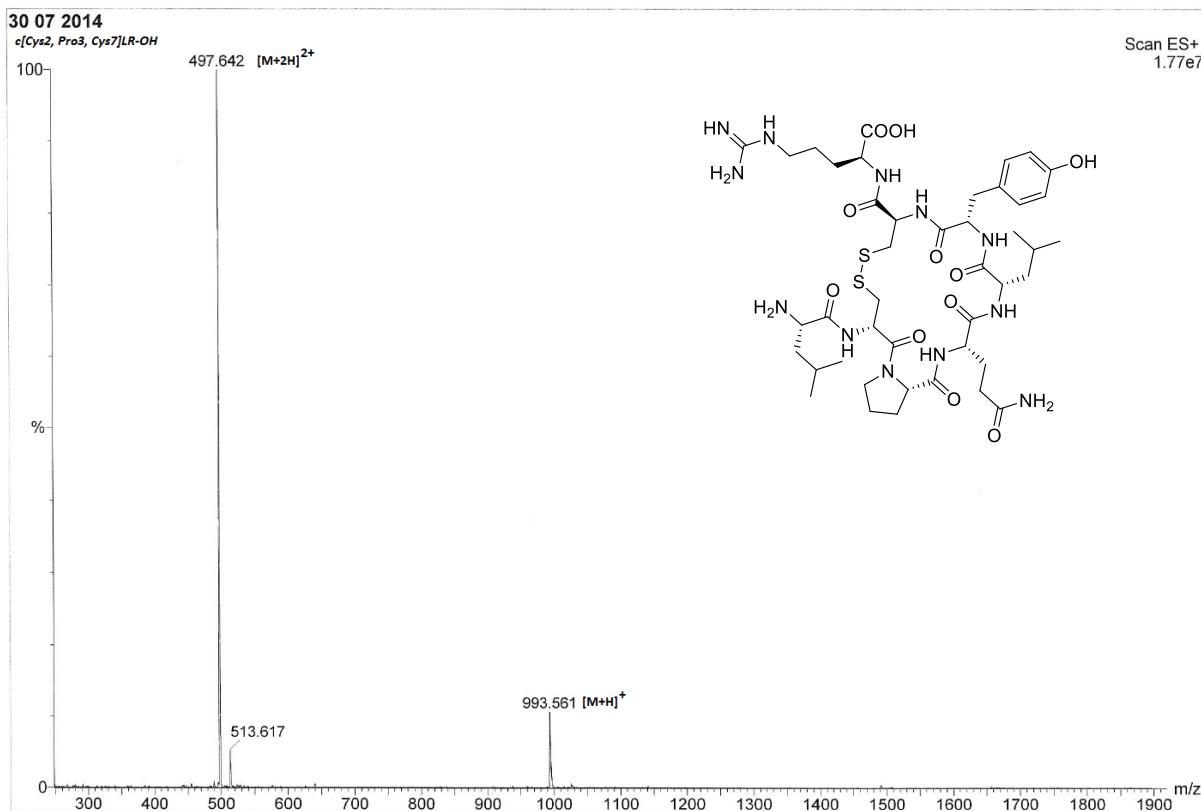
Leu-Ser-c[Cys- D-Gln-Leu-Tyr-Cys-]Arg (5)



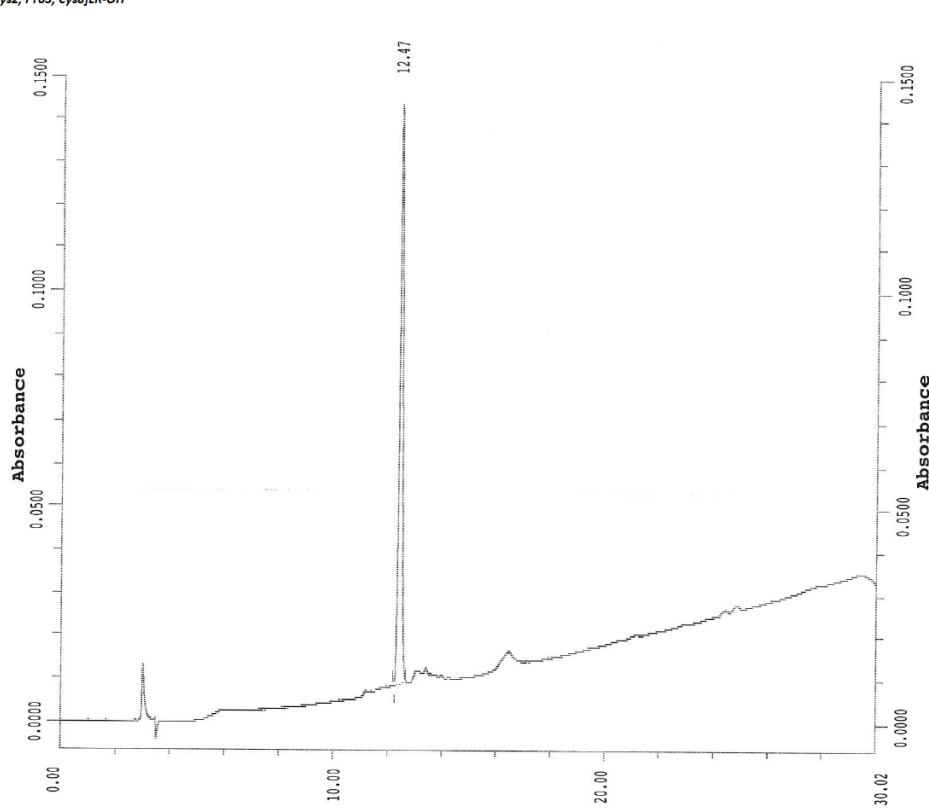
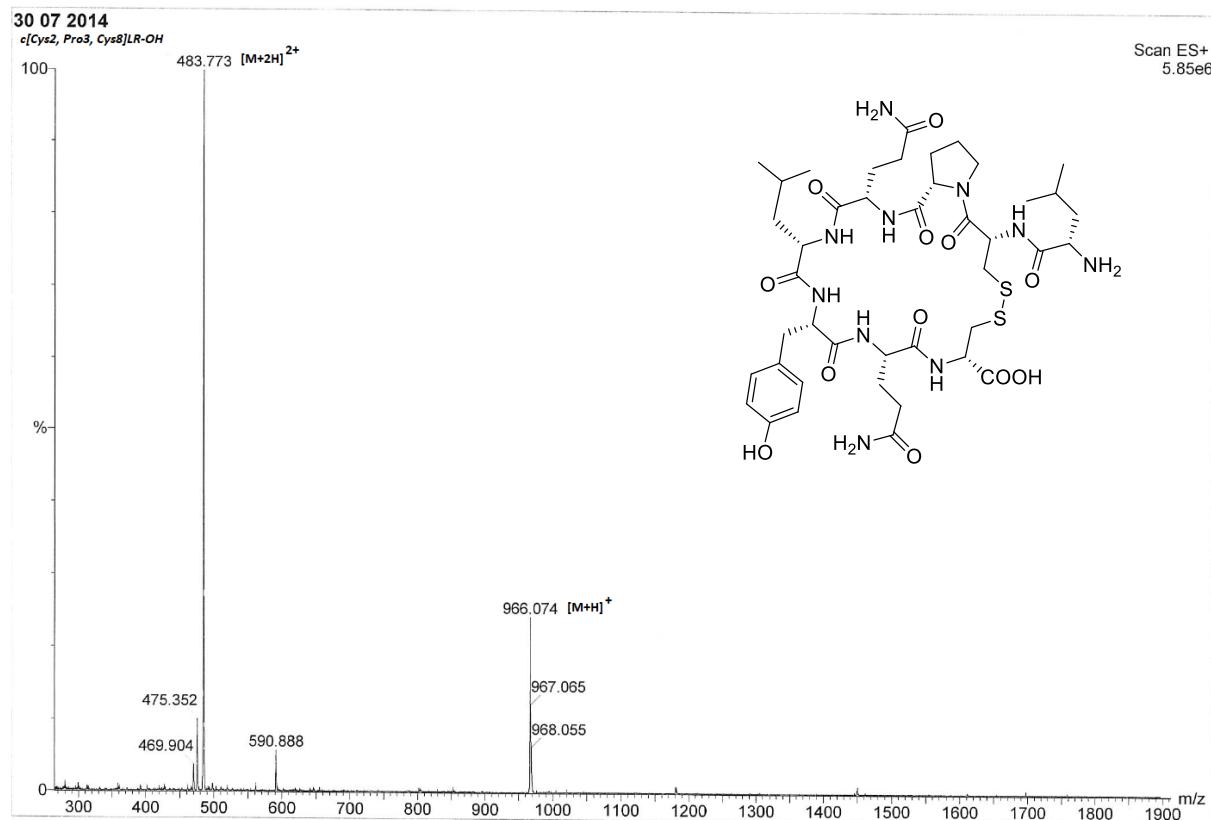
Leu-c[**Cys-Pro-Gln-Leu-Cys-**]Gln-Arg (6)

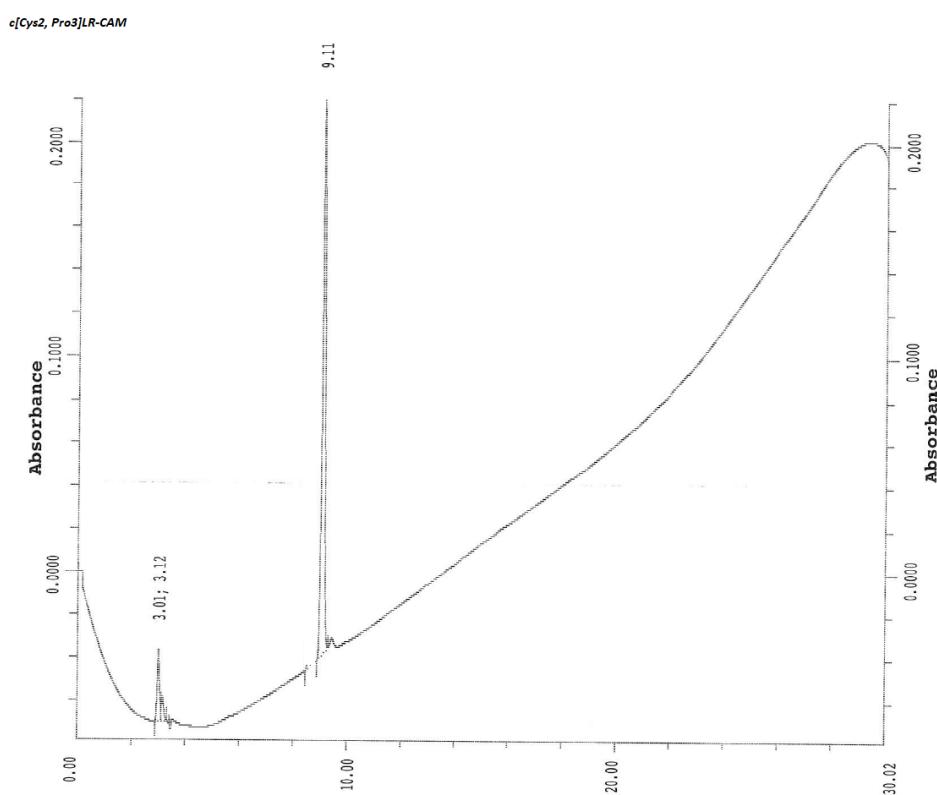
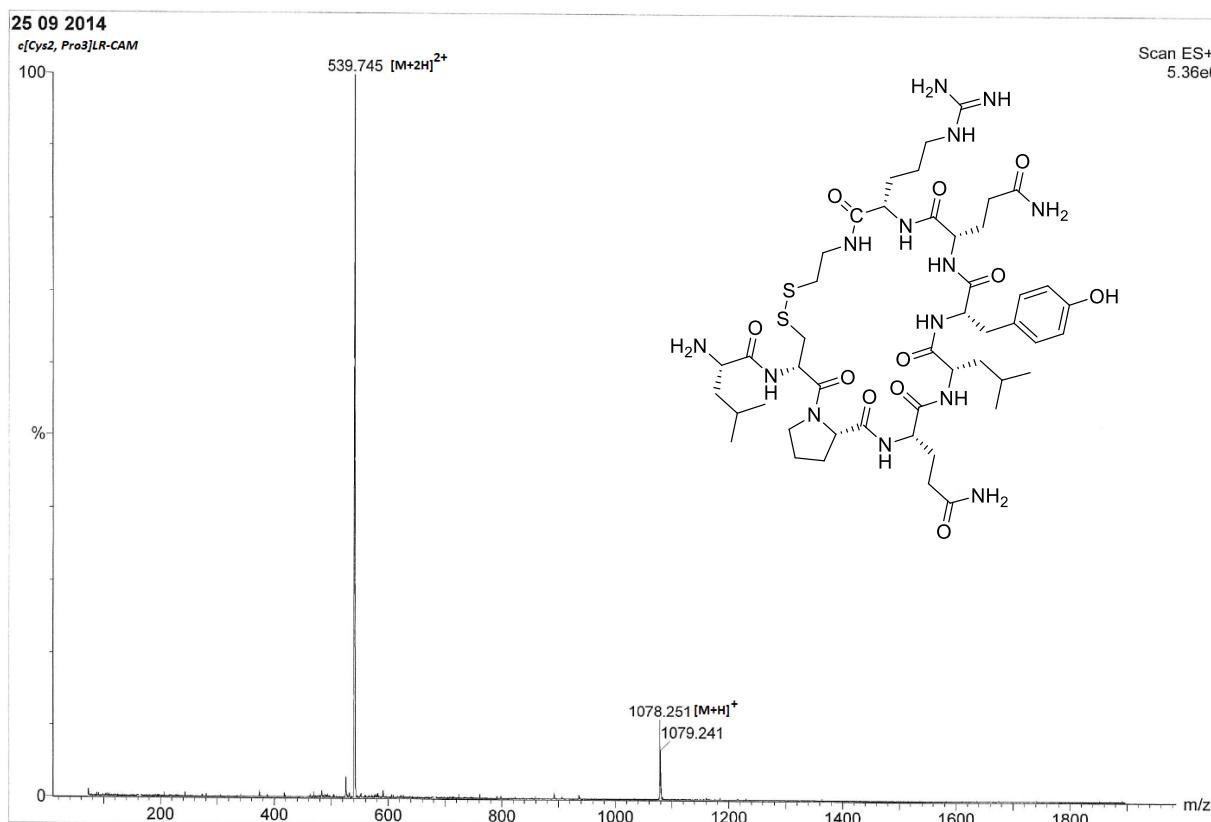


Leu-c[**Cys-Pro-Gln-Leu-Tyr-Cys-**]Arg (7)

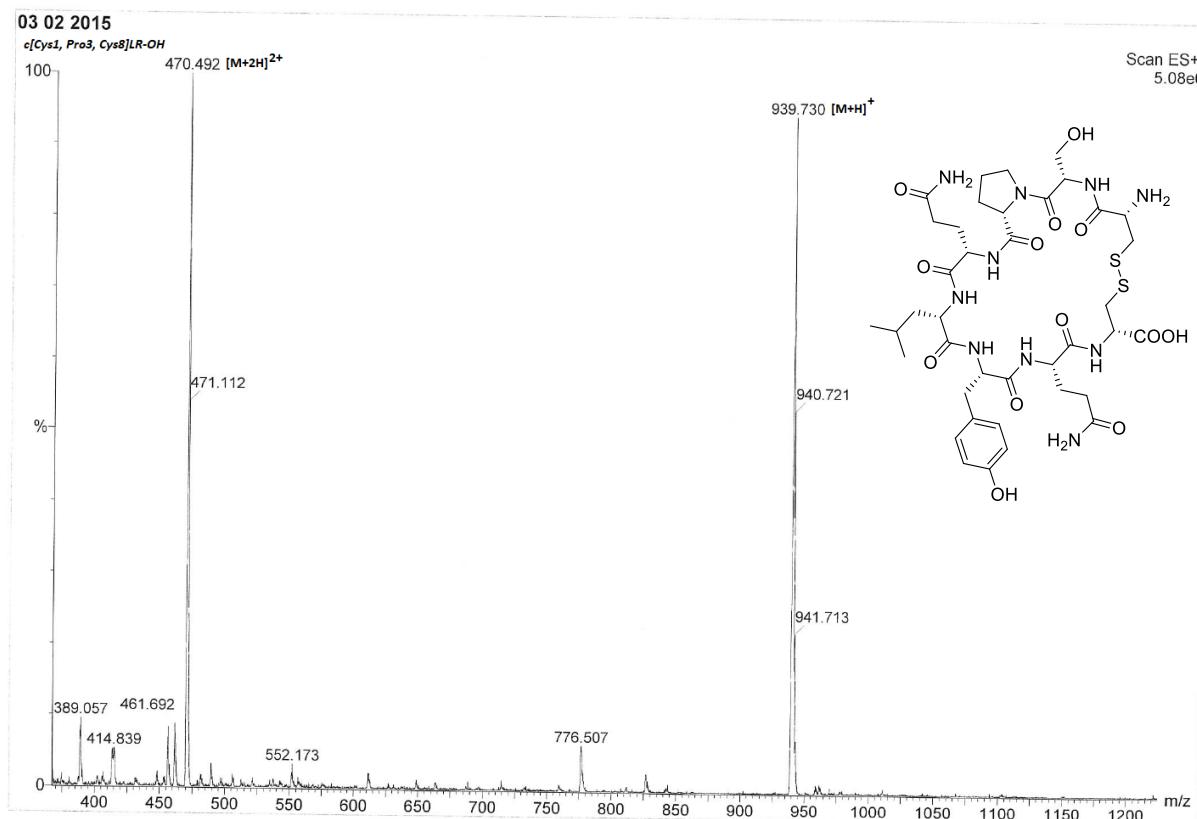


Leu-c[**Cys-Pro-Gln-Leu-Tyr-Gln-Cys**] (8)



Leu-c[**Cys-Pro-Gln-Leu-Tyr-Gln-Arg-CAM**] (9)

c[Cys-Ser-Pro-Gln-Leu-Tyr-Gln-Cys] (10)



c[Cys1, Pro3, Cys8]LR-OH

