

Figure 1

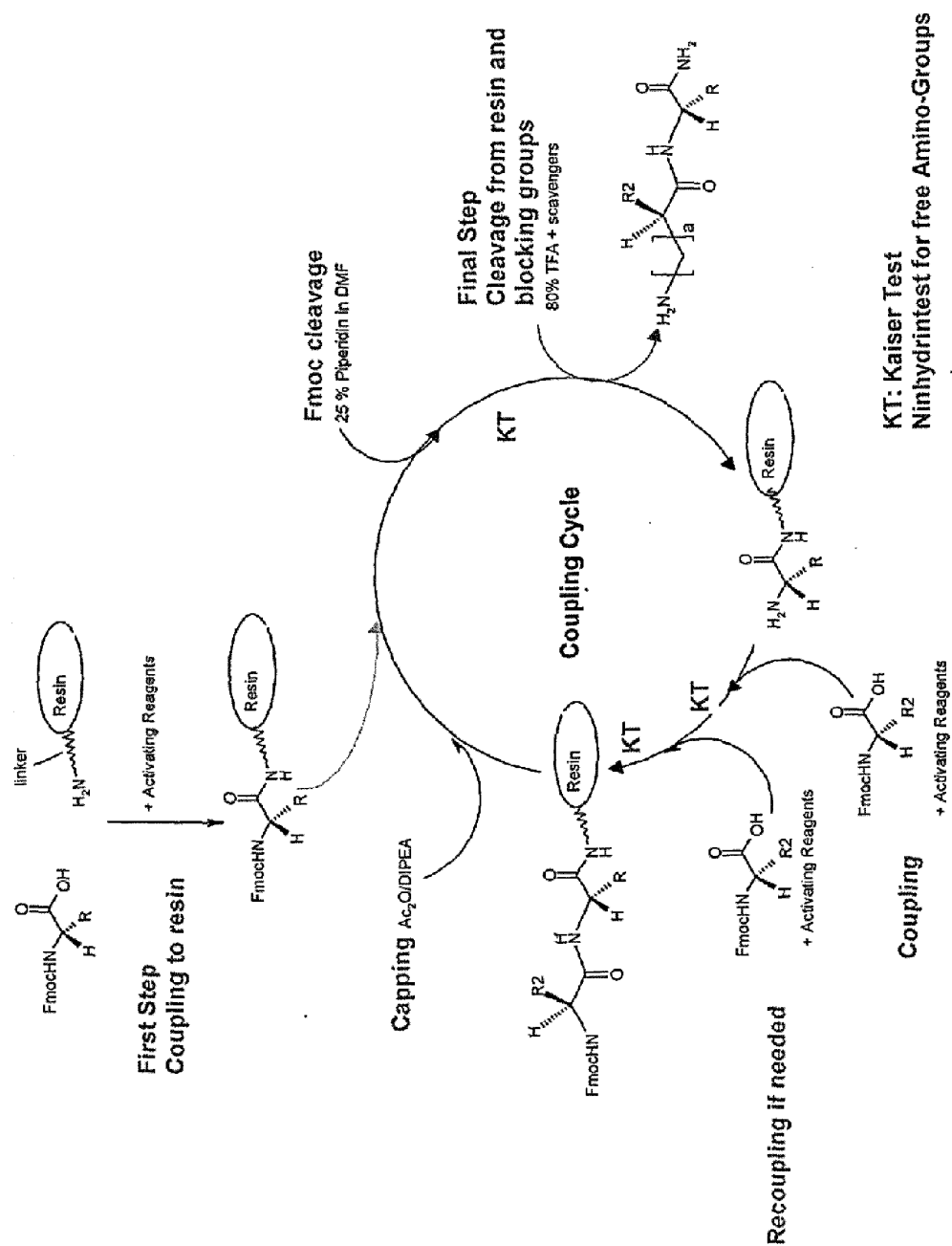


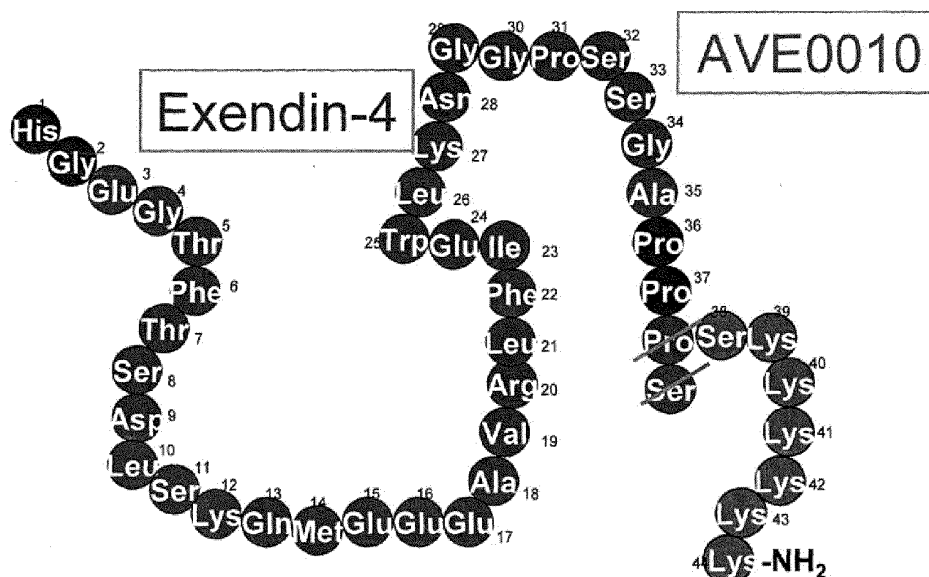
Figure 2

SEQ ID NO: 1 AVE0010 (44 AS)

H-G-E-G-T-F-T-S-D-L-S-K-Q-M-E-E-E-A-V-R-L-F-I-E-W-L-K-N-G-G-P-S-S-
G-A-P-P-S-K-K-K-K-K-NH₂

SEQ ID NO: 2 Exendin-4 (39 AS)

H-G-E-G-T-F-T-S-D-L-S-K-Q-M-E-E-E-A-V-R-L-F-I-E-W-L-K-N-G-G-P-S-S-
G-A-P-P-P-S-NH₂



SEQ ID NO:3: Exendin-3 (J. Bio. Chem., 267, 1992, 7402-7405)

H-His-Ser-Asp-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-
Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-
Pro-Pro-Pro-Ser-NH₂)

SEQ ID NO: 4: GLP-1 (7-36) amide

H-A-E-G-T-F-T-S-D-V-S-S-Y-L-E-G-Q-A-A-K-E-F-I-A-W-L-V-K-G-R- NH₂

Figure 3

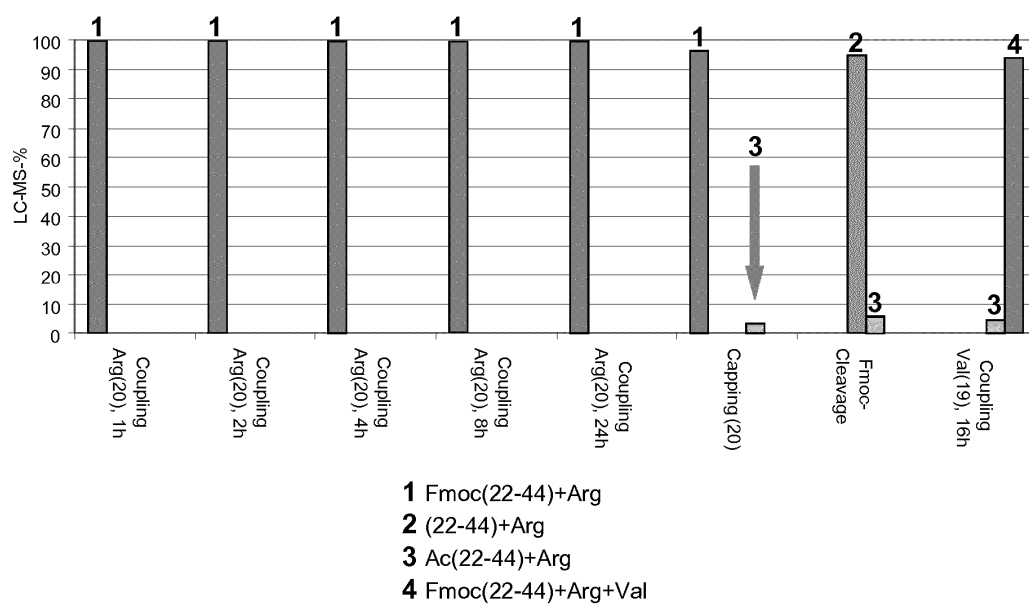
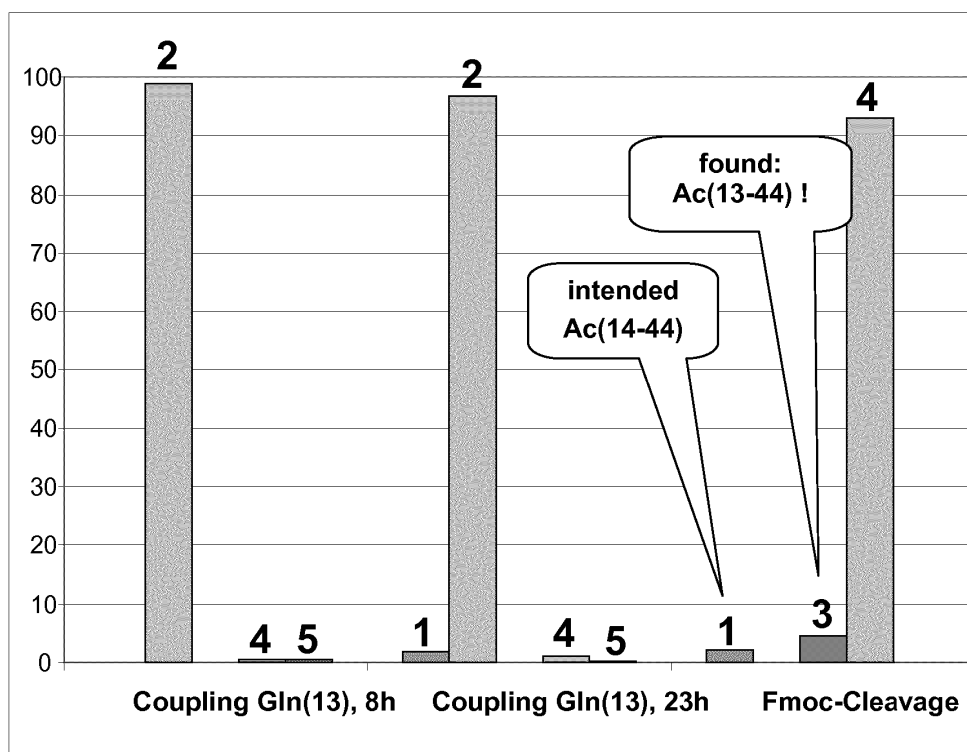
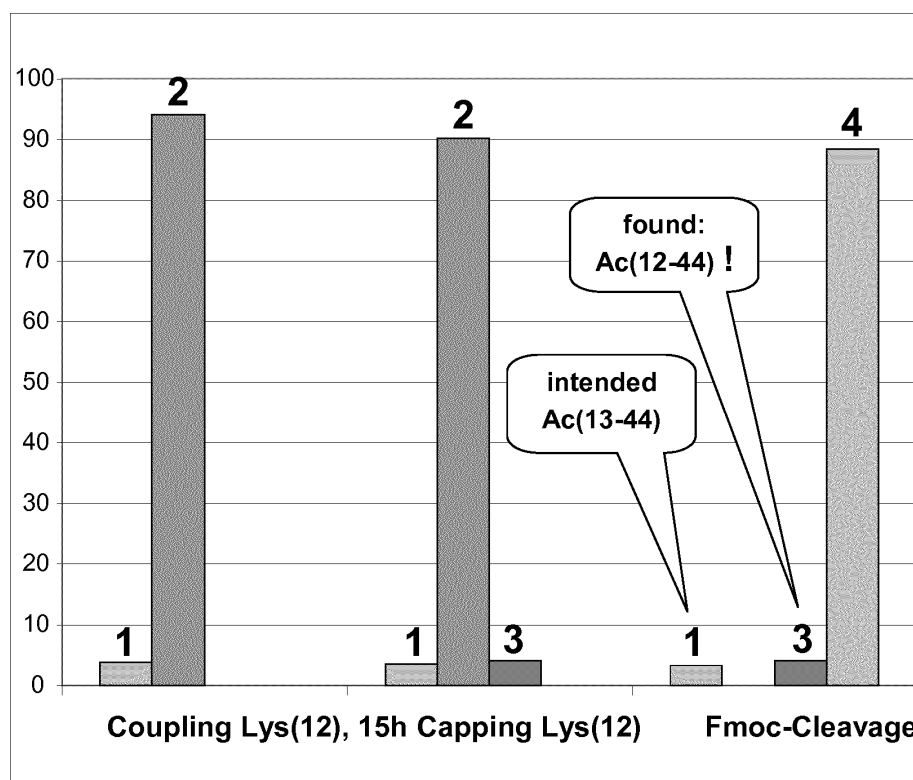


Figure 4



- 1** Ac(14-44)
- 2** Fmoc(13-44)
- 3** Ac(13-44)
- 4** (13-44)
- 5** (14-44)

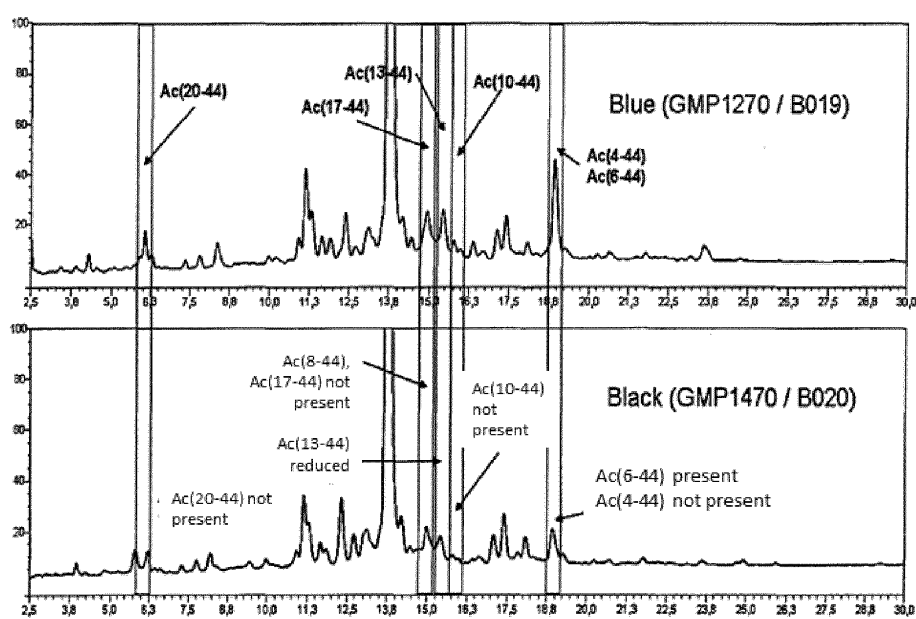
Figure 5:



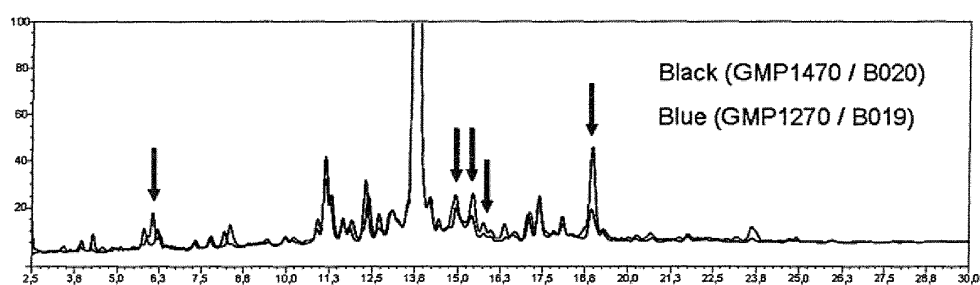
- 1** Ac(13-44)
- 2** Fmoc(12-44)
- 3** Ac(12-44)
- 4** (12-44)

Figure 6

A



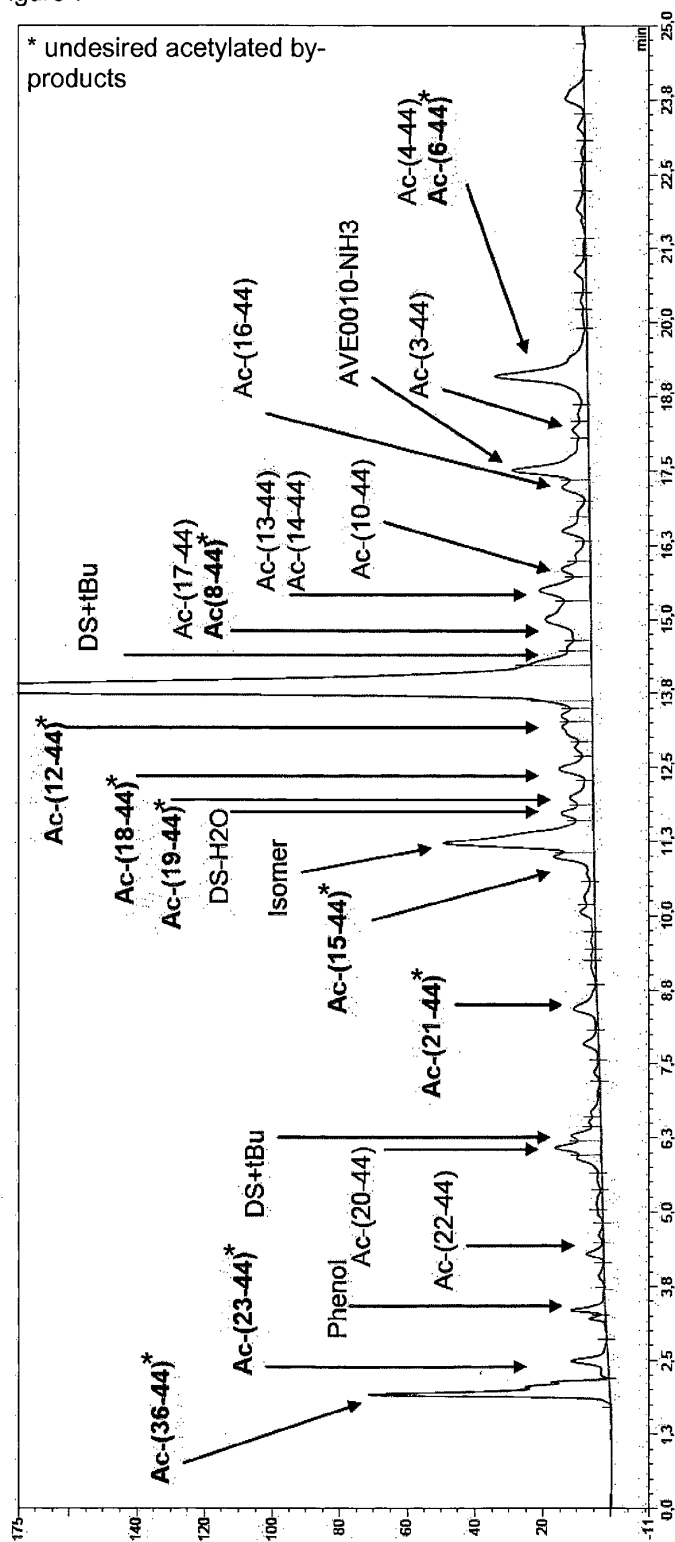
B



C

7/14

Figure 7



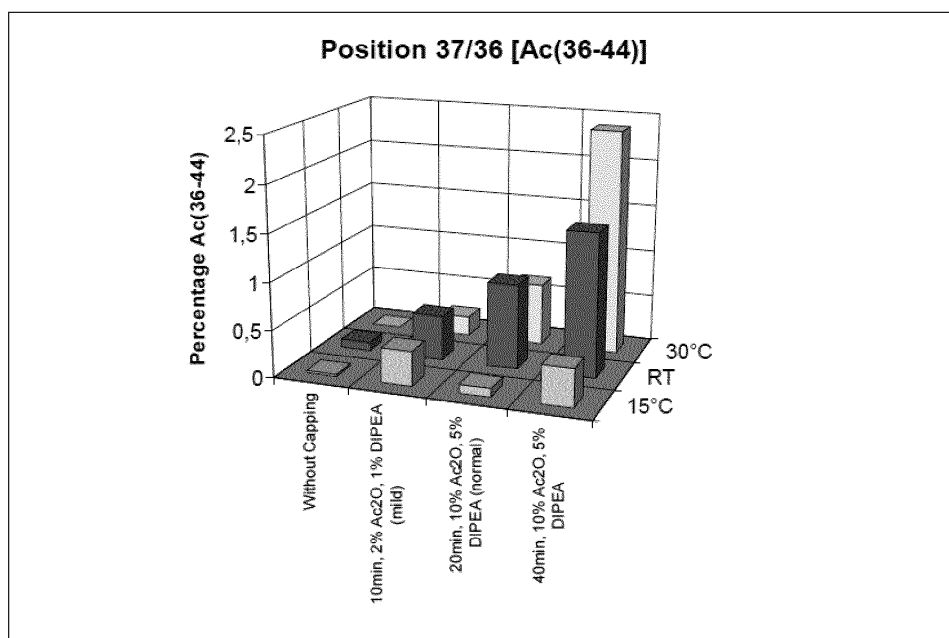


Figure 8

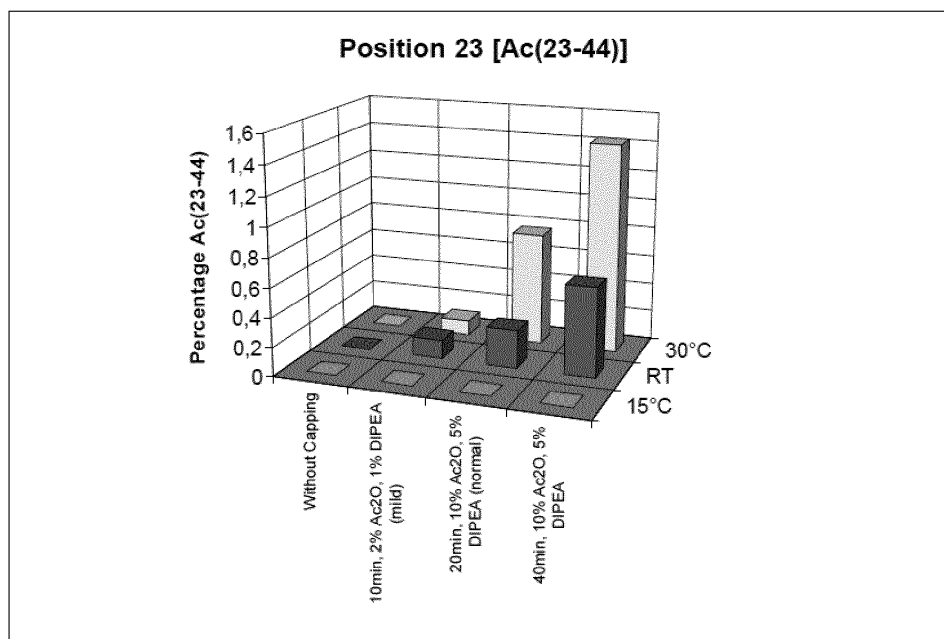


Figure 9

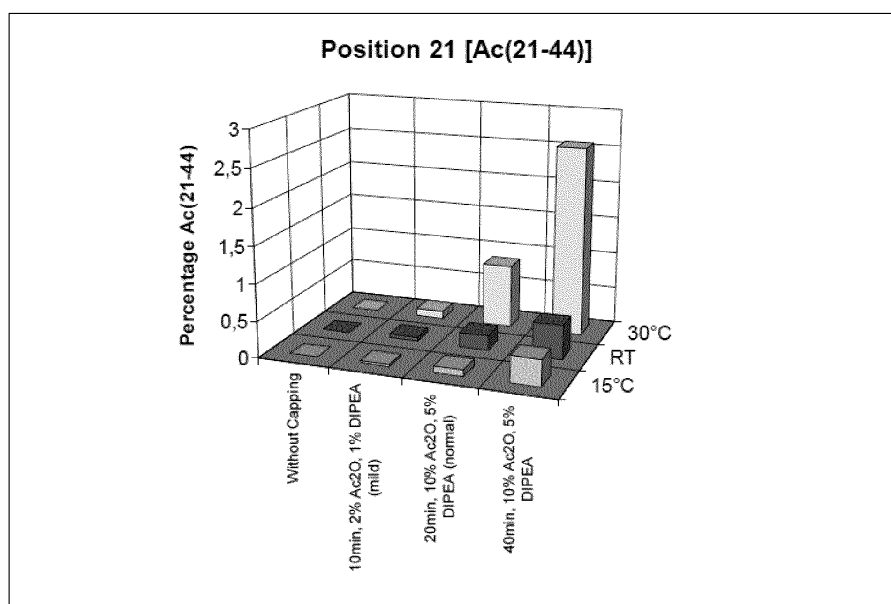


Figure 10

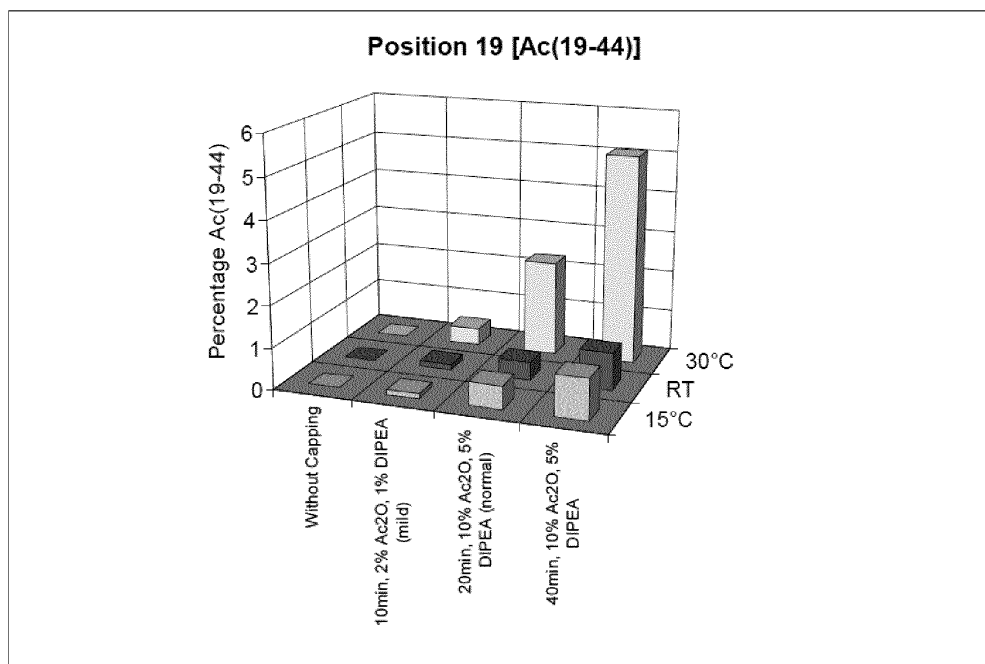


Figure 11

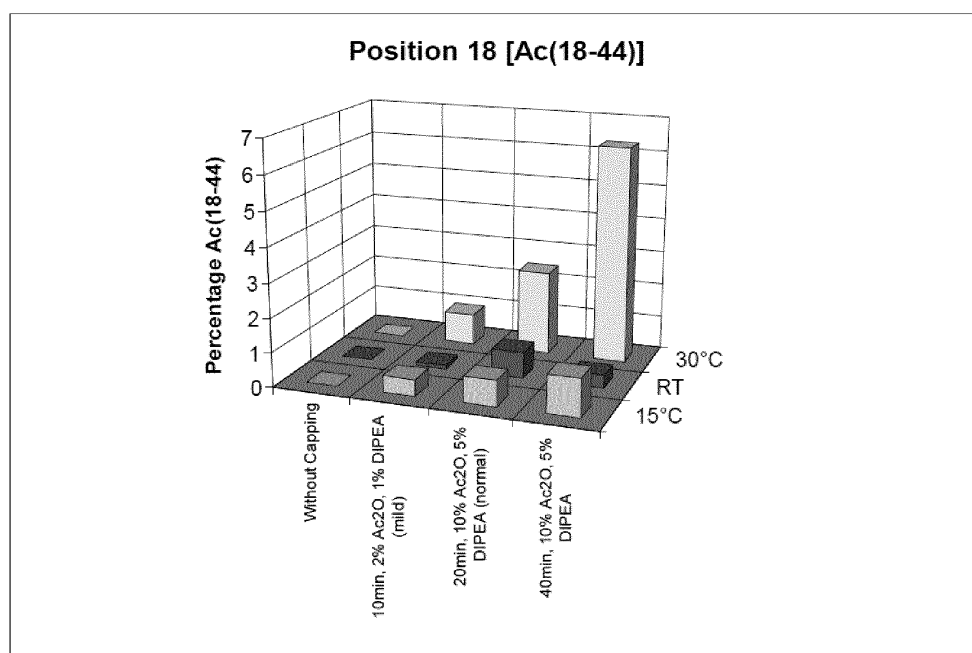


Figure 12

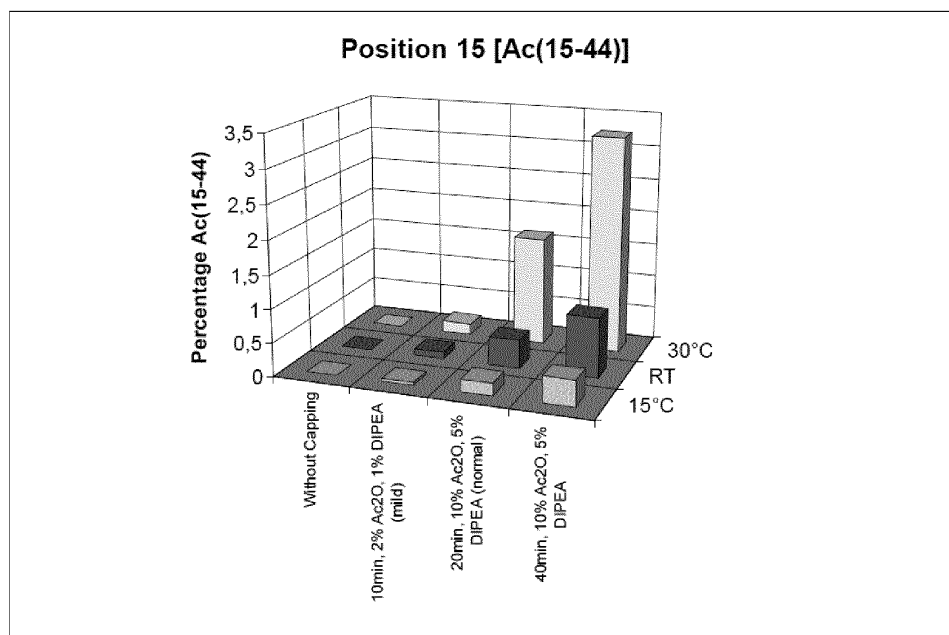


Figure 13

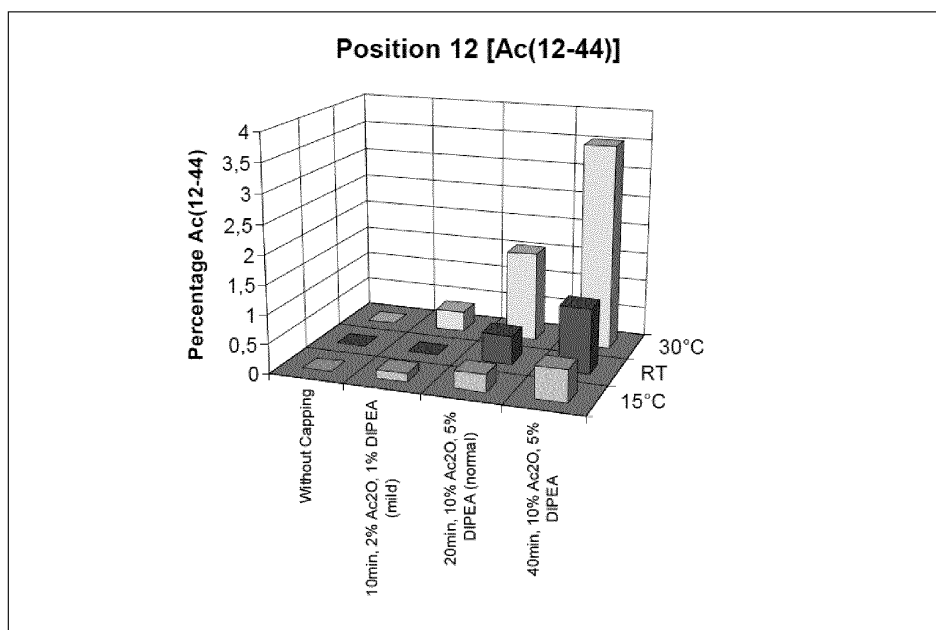


Figure 14

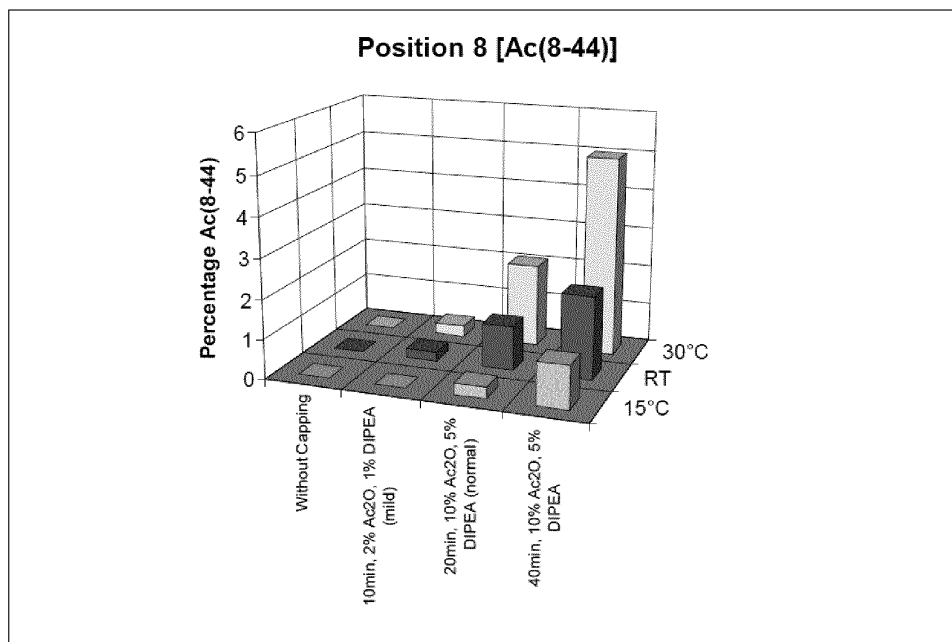


Figure 15

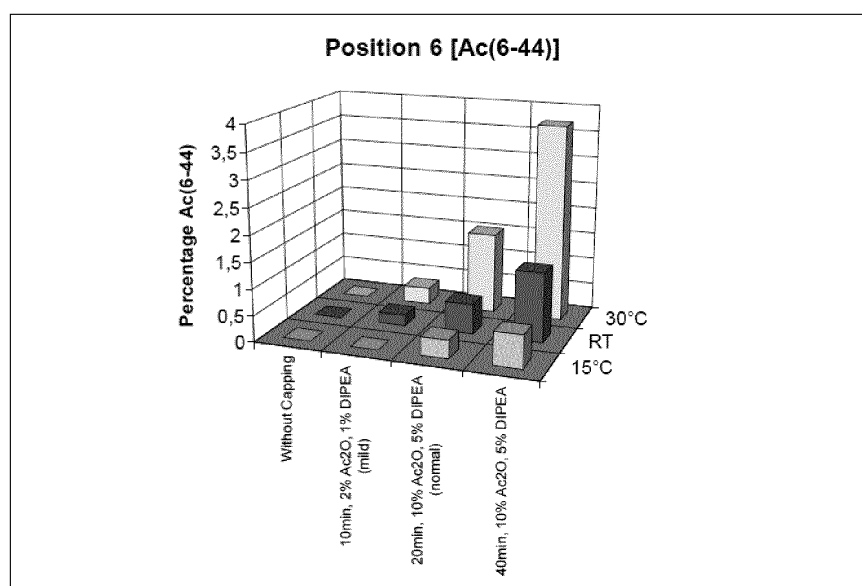


Figure 16

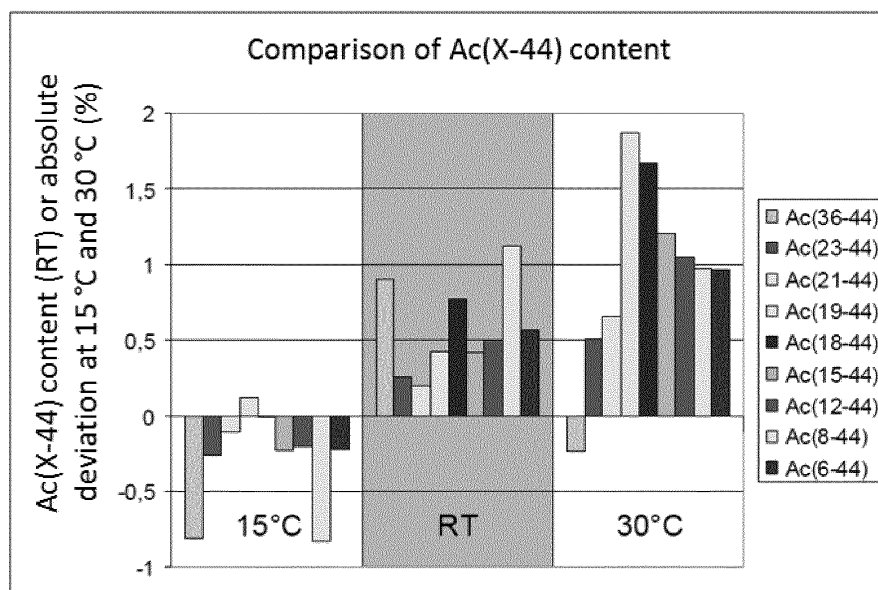


Figure 17

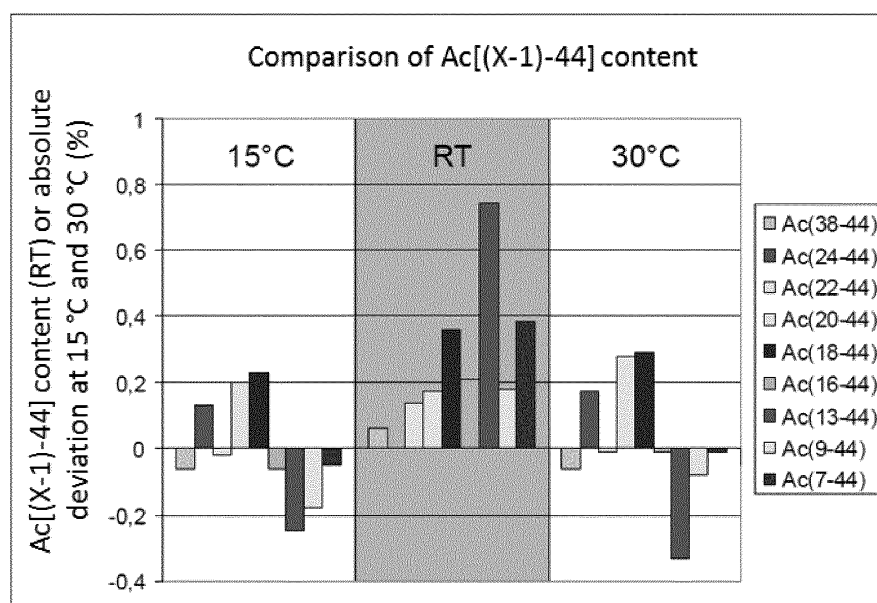


Figure 18

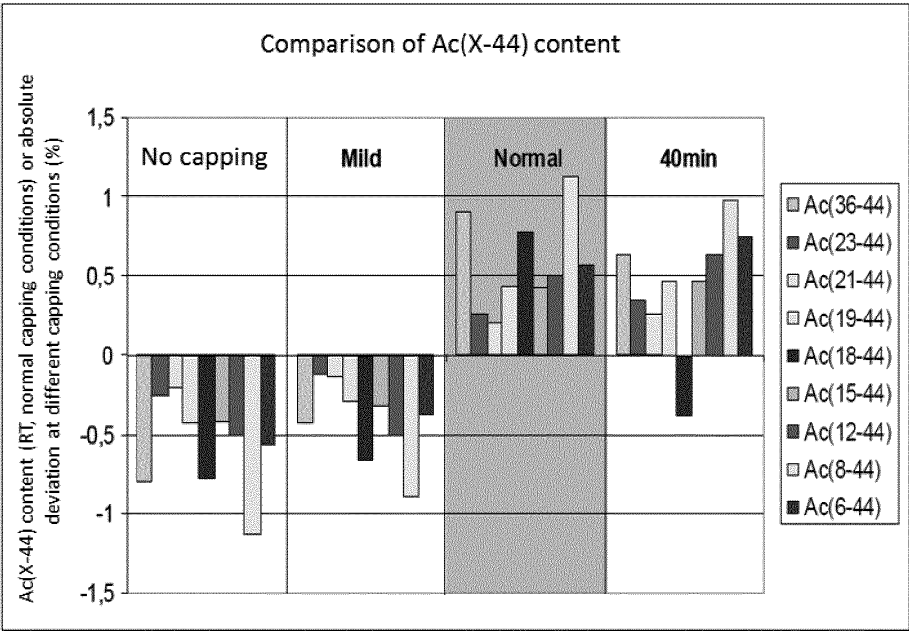


Figure 19

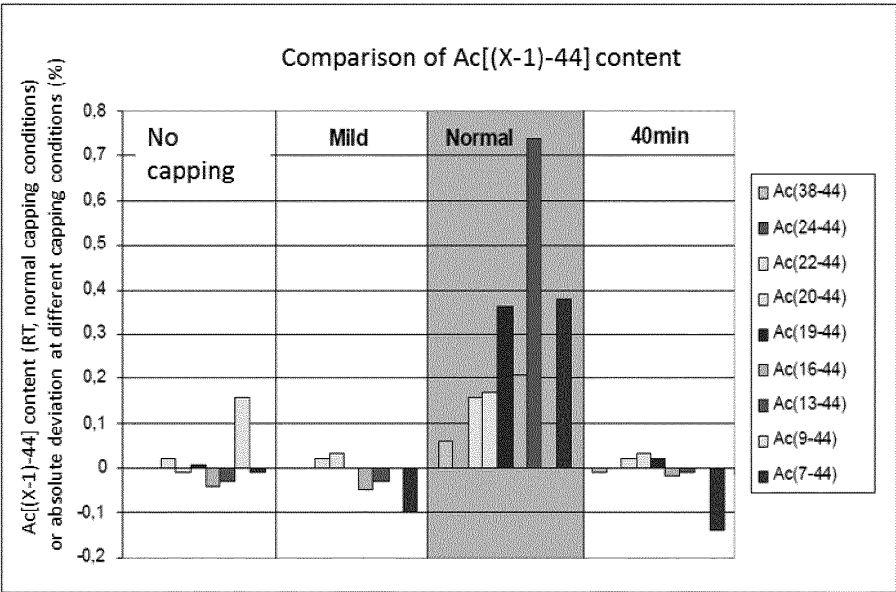


Figure 20