A trace has been found.

Abbreviations
~X_1 = aenc(make_presentation(a_5,didU,3-proj-3-tuple(adec(~M_3,a_3)),~M_1,sign((a_5,didU,3-proj-3-tuple(adec(~M_3,a_3)),~M_1),a_3)),~M_2) = aenc(make_presentation(a_5,didU,nonceB_4,make_credential(didB,didU,dataU,null_cred,sign((didB,didU,dataU,null_cred),skB)),sign((a_5,didU,nonceB_4,make_credential(didB,didU,dataU,null_cred,sign((didB,didU,dataU,null_cred),skB))),a_3)),pk(skB))