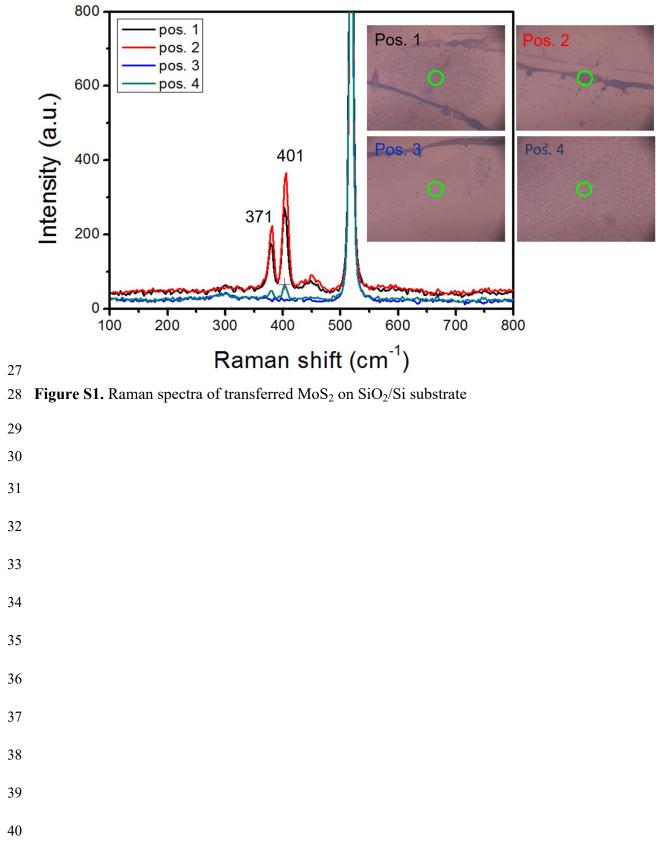
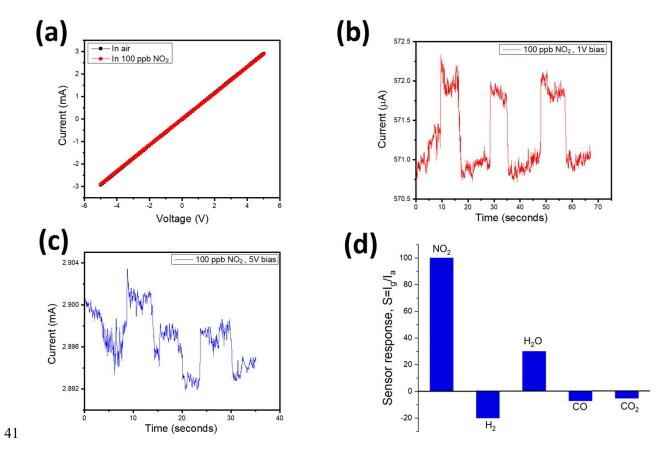
Supplementary Information

2	Ultra-low detection limit chemoresistive NO ₂ gas sensor using single
3	transferred MoS ₂ flake: an advanced nanofabrication
4	Hoang Si Hong ^a *, Tran Vinh Hoang ^b , Nguyen Thanh Huong ^a , Nguyen Hoang Nam ^a , Dao
5	Duc Thinh ^a , Nguyen Thi Hue ^a and Nguyen Duc Thuan ^a
6	^a School of Electrical and Electronic Engineering, Hanoi University of Science and Technology
7	(HUST), No. 1 Dai Co Viet Road, Hanoi, Vietnam
8	^b School of Chemical Engineering, Hanoi University of Science and Technology (HUST), No. 1
9	Dai Co Viet Road, Hanoi, Vietnam
10	* Corresponding author. Tel.: +84-43-869-6211
11	E-mail address: <u>hong.hoangsy@hust.edu.vn</u> (Hoang Si Hong);
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42 Figure S2. (a,b,c) The response of sensor with similar structure fabricated on pure graphene

43 (without MoS_2) for comparison purpose, (d) the selectivity of fabricated sensor of Au-MoS₂-Au 44 (measured at 1000 ppb).

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