Captions

Fig. S1
Mass contents of SNN during DWH and AWH for both UA and ARS

Table S1
Comparison of source contributions (%) results by PMF with those of other cities

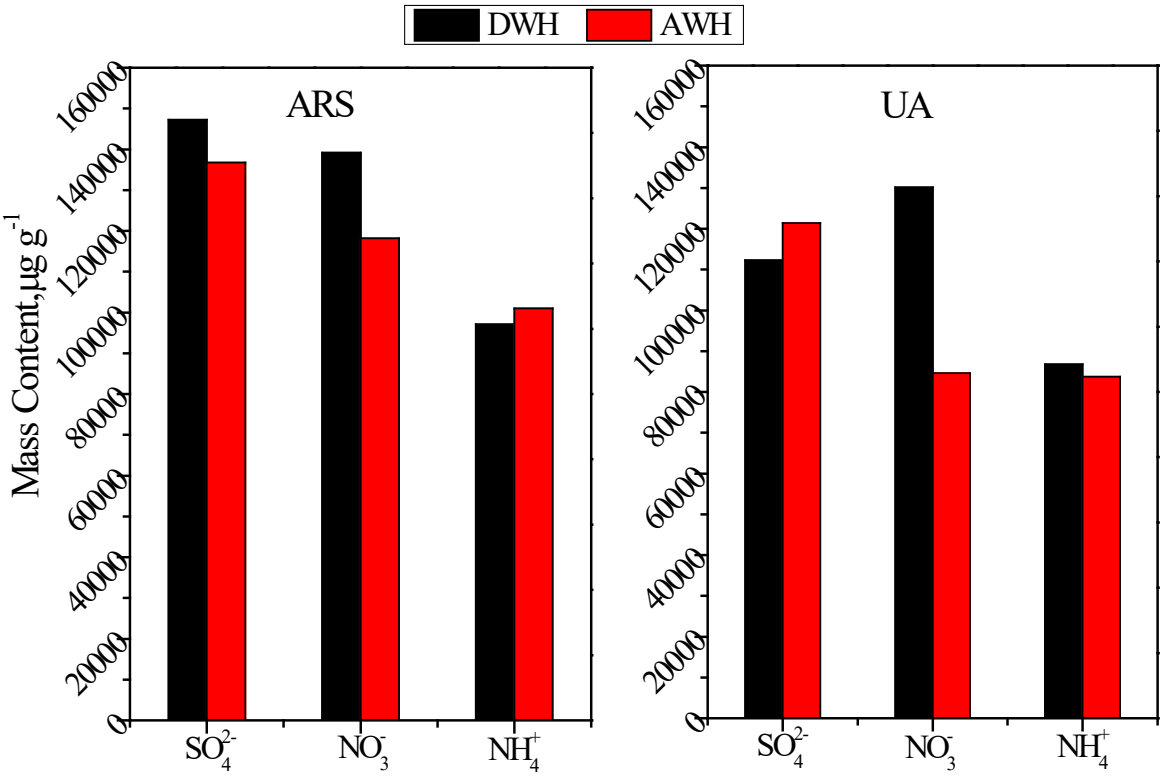

Fig. S1. Mass contents of SNN during DWH and AWH for both UA and ARS

Table S1. Comparison of source contributions (%) results by PMF with those of other cities

Area	Year	IS	CC	BB	FD	SIA	VE	Reference
UA	2019	21.7	12.0	12.4	22.0	14.7	17.3	This study
ARS	2019	9.44	9.66	22.5	22.8	18.1	17.5	This study
SJZ	2016(Autumn)	10.2	18.8		16.4	42.4	12.2	Lang et al. (2018)
SJZ	2013-2014 (Annual)	26.8	11.0		13.4	15.6	21.6	Guo. (2015)
SJZ	2014(Autumn)	10.0	5.6	5.6	6.7	52.0	13.1	Huang et al. (2017)
SJZ	2014-2015 (Annual)	7.0	15.5	2.8	8.5	36.4	17.3	Liu et al. (2018)
BS (NCP)	2014(Winter)	2.63	29.6	19.3	12.8		4.24	Zong et al. (2016)
BS (NCP)	2011(Annual)	10.7		15.8	8.3	54.3	5.2	Yao et al. (2016)
CD	2011(Annual)	25	22	15	10	46		Tao et al. (2014)
NJ	2013(Annual)	8.42	12.4		10.6	66.1		Li et al. (2016b)
LZ	2012(Winter)	16.2	28.7		13.3	33	8.8	Tan et al. (2017)

BS (NCP): A background site within North China Plain; SJZ: Shijiazhuang; CD: Chengdu; LZ: Lanzhou; NJ: Nanjing (IS: Industrial Source; CC: Coal combustion; BB: Biomass burning; FD: Fugitive dust; SIA: Secondary inorganic aerosol; VE: Vehicle exhaust).

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