14. A method according to any claims 11-13, further comprising introducing one or more of the recovered tobacco-derived compounds to an aerosol-generating composition for use in a heated aerosol-generating smoking device.

15. A method for preparing an aerosol-generating composition for use in a heated aerosol-generating smoking article, comprising:

formulating the composition according to any one of claims 1-8 with one or more aqueous composition comprising nicotine, propylene glycol, glycerol or a combination of at least two of the foregoing substance.

16. A composition according to claim 2 comprising a fraction obtained by the process comprising dry ice tobacco expansion, wherein the fraction comprises tobacco-derived compounds.

17. A method according to claim 11, wherein volatilizing the one or more tobacco-derived compounds comprises dry ice tobacco expansion, the method further comprising:

selectively recovering or enriching a fraction comprising tobacco-derived compounds; and

formulating an aerosol-generating composition with the fraction and an aqueous composition comprising nicotine and propylene glycol, glycerol, or a combination thereof.