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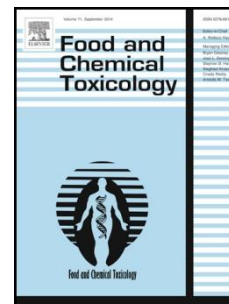
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Composition of betel specific chemicals in saliva during betel chewing for the identification of biomarkers

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¹ BL group=red, mature betel nut wrapped in *Piper betle* leaf; BN group=red, mature betel nut only; BQ group=betel quid consisting of young, green betel nut wrapped in *Piper betle* leaf with lime and tobacco; IS=internal standard; NAT= *N*-nitrosoanatabine; NNK=4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone; NNK-d₃=4-(Methyl-d₃-nitrosamino)-1-(3-pyridyl)-1-butanone; NNN= *N*'-nitrosornicotine; UHCC=University of Hawai'i

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