

Assessment of different isotope dilution strategies and combination with switchable solvent liquid phase microextraction prior to quantification of bisphenol A at trace levels by GC-MS

Süleyman Bodur¹, Sezin Erarpat¹, Dotse Selali Chormey¹, Gamze Dalgıç Bozyiğit², Ersoy Öz³, Nizamettin Özdoğan⁴, Sezgin Bakırdere^{1,5*}

¹*Yıldız Technical University, Faculty of Art and Science, Department of Chemistry, 34220 Davutpasa, Esenler, İstanbul, Turkey*

²*Yıldız Technical University, Faculty of Civil Engineering, Department of Environmental Engineering, 34220 İstanbul, Turkey*

³*Yıldız Technical University, Faculty of Arts and Sciences, Department of Statistics, ,34220, Davutpasa, Esenler, İstanbul, Turkey*

⁴*Bülent Ecevit University, Institute of Science, Department of Environmental Engineering, 67100, Zonguldak, Turkey*

⁵*Turkish Academy of Sciences, Piyade Sokak No: 27, Çankaya, 06690, Ankara, Turkey*

Supplementary Material 1

***Corresponding author:** Sezgin Bakırdere, email: bsezgin23@yahoo.com, Phone: +902123834245

Table S1. Operating conditions of the GC-MS system.

Parameter	Value
Injection Mode	Splitless
Inlet Temperature	280 °C
Injection Volume	1.0 µL
Transfer Line Temperature	280 °C
MS source temperature	230 °C
MS quad temperature	150 °C
Carrier gas (flow rate)	Helium (1.2 mL/min)
Temperature Ramp 1	120 °C to 220 °C (60 °C/min)
Temperature Ramp 2	220 °C to 300 °C (30 °C/min)

***Corresponding author:** Sezgin Bakirdere, email: bsezgin23@yahoo.com, Phone: +902123834245

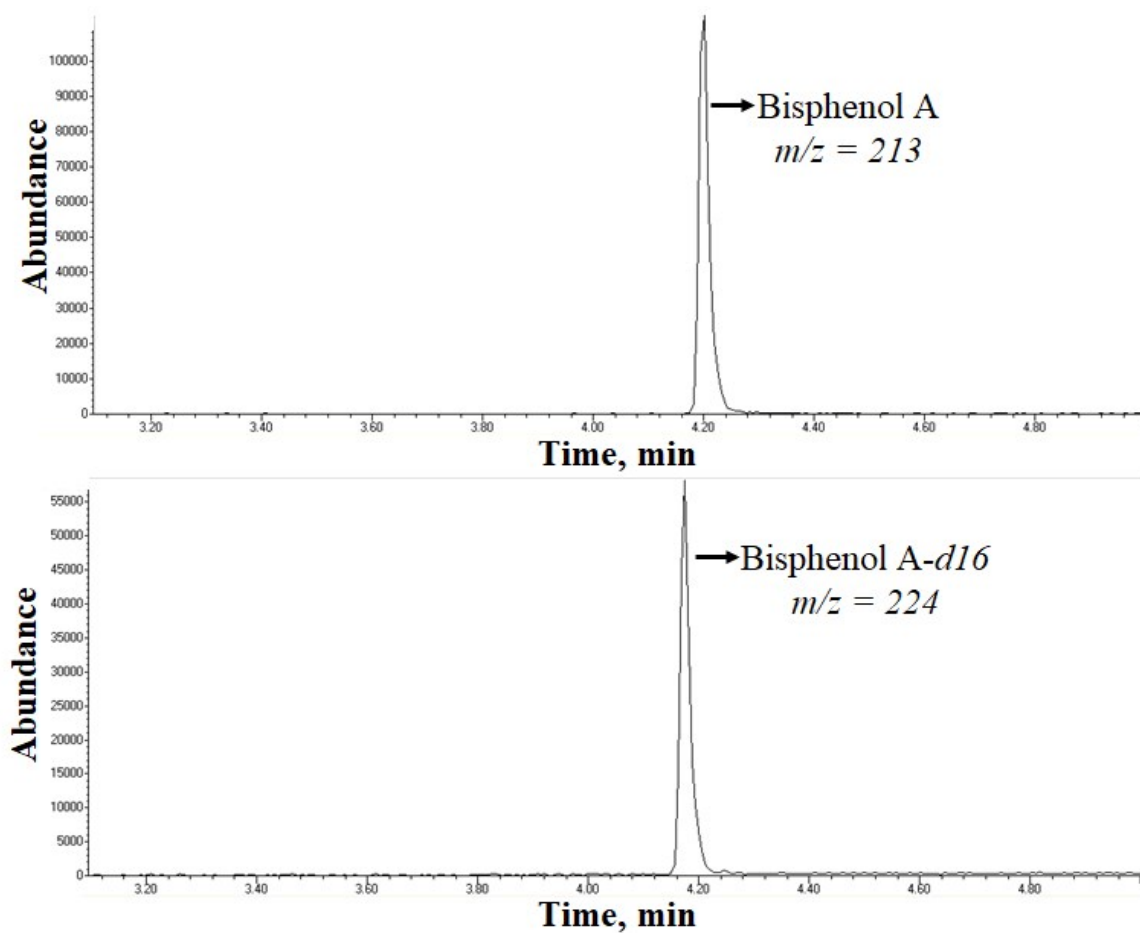


Figure S1. Chromatograms for 5.0 mg/kg of BPA ($m/z = 213$) and BPA-*d16* ($m/z = 224$) in SIM mode.

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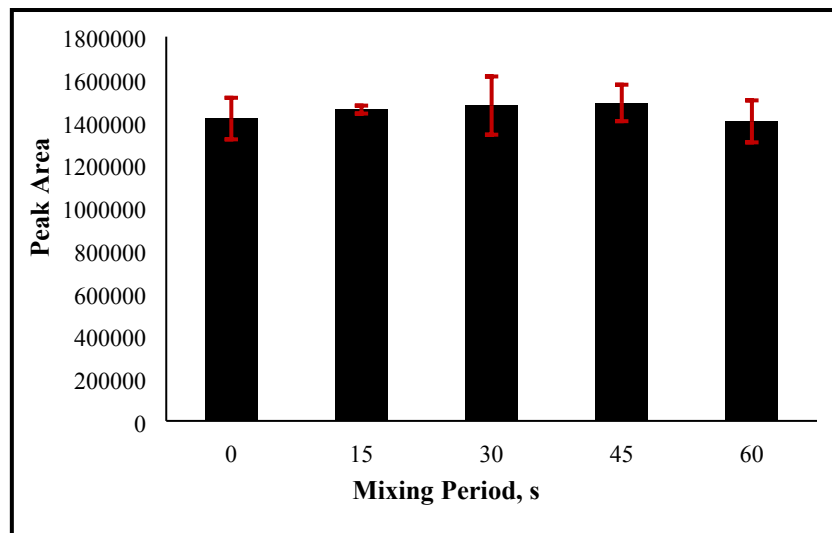


Figure S2. Optimization of vortex period after switchable solvent addition.

**Corresponding author: Sezgin Bakirdere, email: bsezgin23@yahoo.com, Phone: +902123834245*

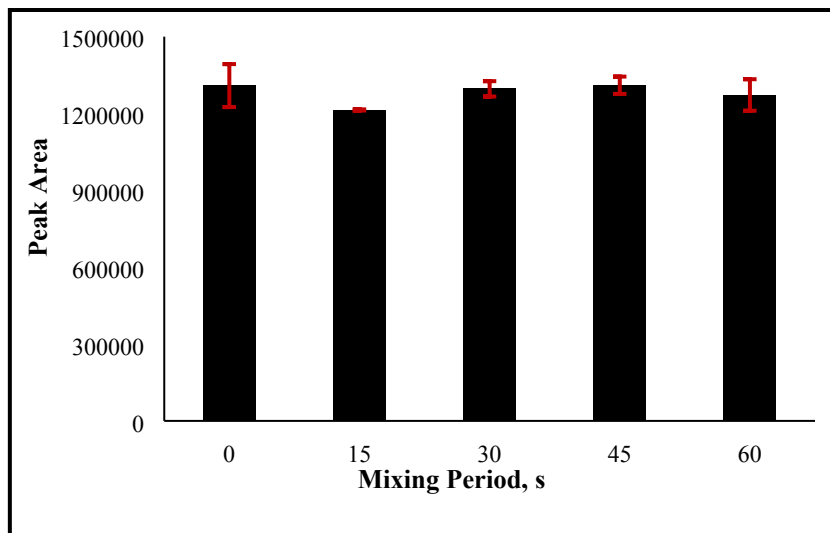


Figure S3. Optimization of mixing period after sodium hydroxide addition.

**Corresponding author: Sezgin Bakirdere, email: bsezgin23@yahoo.com, Phone: +902123834245*

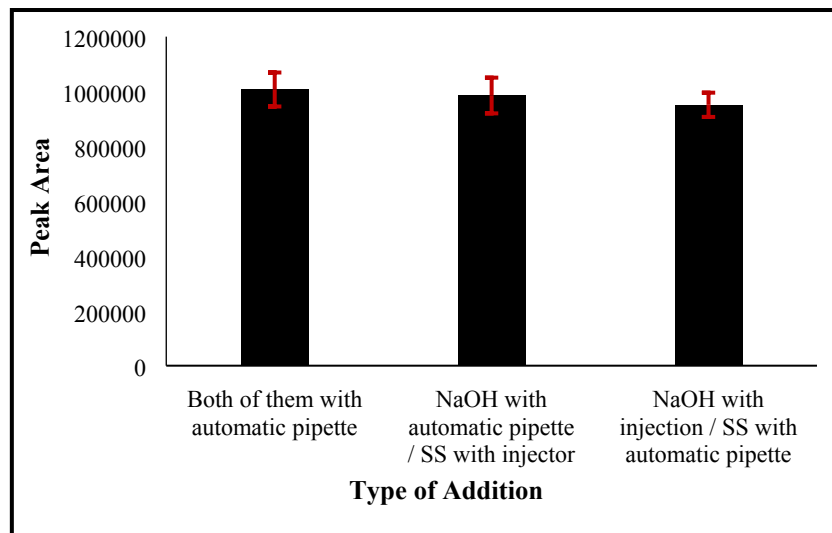


Figure S4. Type of switchable solvent and sodium hydroxide addition (SS: switchable solvent).

**Corresponding author: Sezgin Bakirdere, email: bsezgin23@yahoo.com, Phone:*

+902123834245