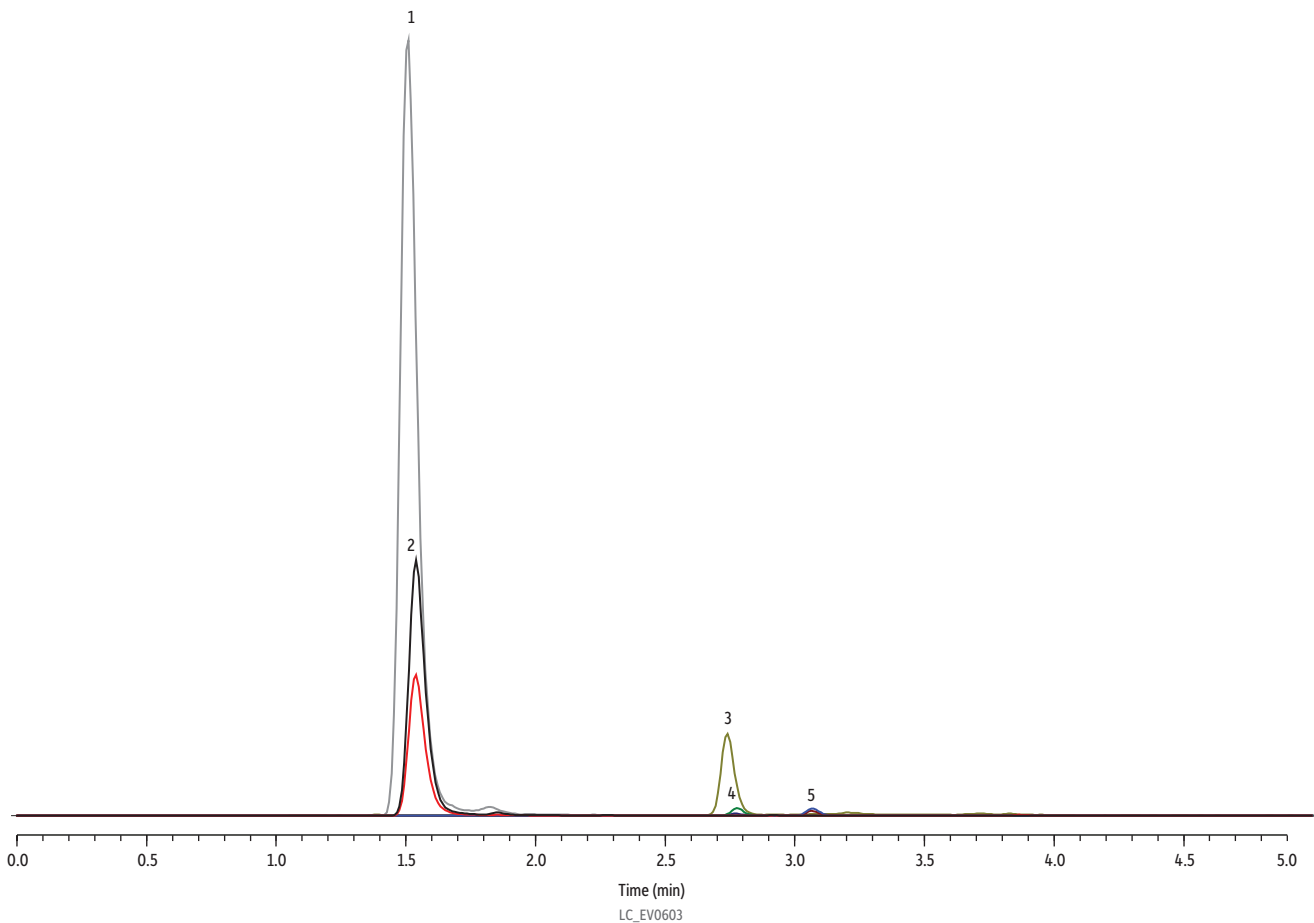


Bisphenol A, B, and S on Raptor Biphenyl by LC-MS/MS



Peaks	tr (min)	Conc. (ng/mL)	Precursor Ion	Product Ion 1	Product Ion 2
1. Bisphenol S (BPS)	1.57	2.5	249.0	108.2	92.1
2. Bisphenol S-d8	1.57	30	257.0	112.2	-
3. Bisphenol A (BPA)	2.74	2.5	227.0	212.1	133.3
4. Bisphenol A-d16	2.77	30	241.0	223.3	-
5. Bisphenol B (BPB)	3.06	2.5	241.0	212.1	211.1

Column Raptor Biphenyl (cat.# 9309A5E)
Dimensions: 50 mm x 3.0 mm ID
Particle Size: 2.7 µm
Pore Size: 90 Å
Guard Column: Raptor Biphenyl EXP guard column cartridge 5 mm, 3.0 mm ID, 2.7 µm (cat.# 9309A0253)
Temp.: 30 °C

Standard/Sample
Diluent: Water
Conc.: 2.5 ng/mL
Inj. Vol.: 10 µL

Mobile Phase
A: Water
B: Methanol

Time (min)	Flow (mL/min)	%A	%B
0.00	0.8	60	40
0.50	0.8	60	40
3.50	0.8	15	85
3.51	0.8	60	40
5.00	0.8	60	40

Max Pressure: 330 bar
Detector Shimadzu 8060 MS/MS
Ion Source: Electrospray
Ion Mode: ESI-
Mode: MRM
Instrument Shimadzu Nexera X2

Sample Preparation Water samples were aliquoted into an amber short-cap vial (cat.# 21142) and fortified with analytes at 2.5 ng/mL. The samples were then capped with a 9 mm short cap (cat.# 24497) and vortexed ~30 seconds before being injection onto the LC-MS/MS for analysis.

Notes The flow was directed to waste for the first 0.8 minutes of analysis and after 3.50 minutes to maintain cleanliness of the source.