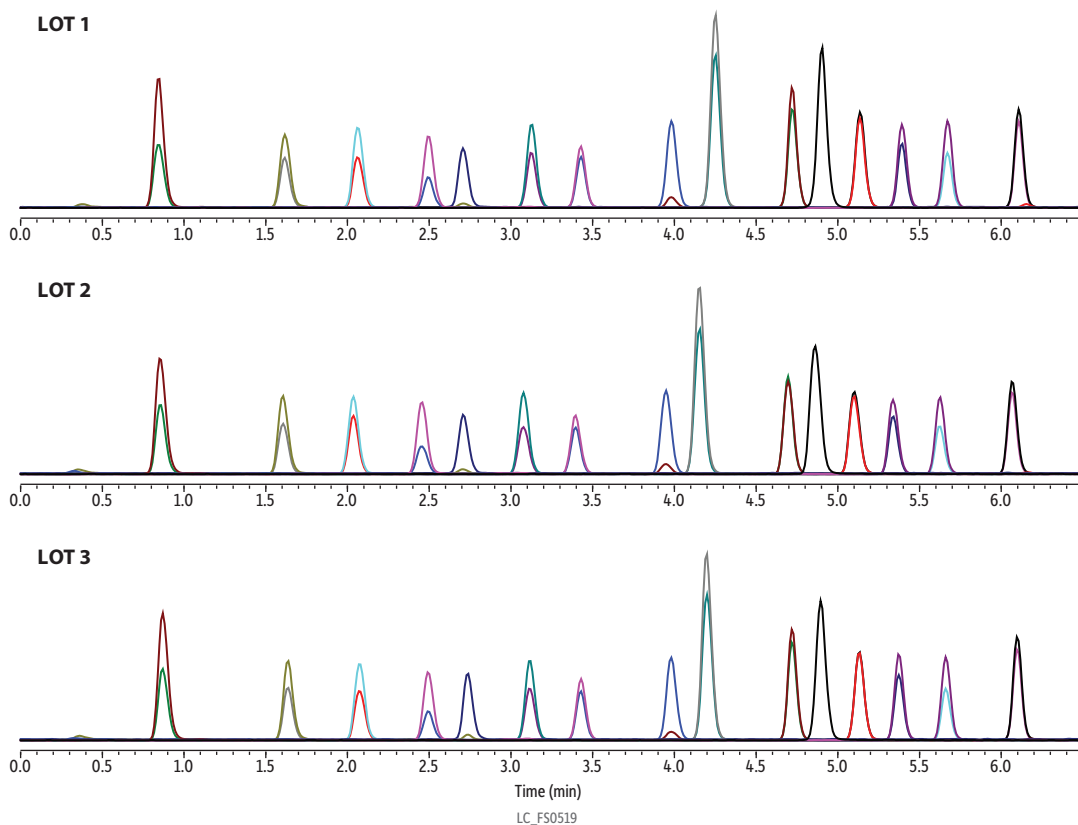


## Inter-Lot Comparison: Bisphenols on Raptor Biphenyl 1.8 µm

- Simple mobile phase/gradient program.
- 8-minute total cycle time.
- Extensive 15-compound list.
- Excellent peak shape.



Peaks	t <sub>R</sub> (min)	Conc. (ng/mL)	Precursor Ion	Product Ion	Product Ion
1. Bisphenol S	0.84	50.0	249.2	108.1	92.1
2. Bisphenol F	1.62	350	199.3	93.1	105.1
3. Bisphenol E	2.06	100	213.3	198.3	197.4
4. Bisphenol A	2.50	100	227.3	212.3	133.1
5. Bisphenol AF	2.71	2.00	335.2	265.3	177.3
6. Bisphenol B	3.13	100	241.3	212.4	211.3
7. Bisphenol C	3.43	350	255.3	240.4	147.3
8. Bisphenol AP	3.98	25.0	289.3	274.3	273.3
9. Bisphenol Z	4.25	250	267.2	173.4	145.2
10. Bisphenol G	4.72	250	311.2	295.4	296.4
11. Bisphenol FL	4.90	50.0	348.8	256.2	-
12. Bisphenol BP	5.14	50.0	351.2	273.3	274.3
13. Bisphenol M	5.39	15.0	345.2	330.3	251.4
14. Bisphenol P	5.67	50.0	345.2	330.4	315.3
15. Bisphenol PH	6.11	350	379.2	209.4	364.4

**Column** Raptor Biphenyl (cat.# 9309252)  
**Dimensions:** 50 mm x 2.1 mm ID  
**Particle Size:** 1.8 µm  
**Pore Size:** 90 Å  
**Temp.:** 25 °C  
**Sample**  
**Diluent:** 75:25 Water:methanol  
**Conc.:** 2.00-350 ng/mL  
**Inj. Vol.:** 2 µL  
**Mobile Phase**  
**A:** Water  
**B:** Methanol

Time (min)	Flow (mL/min)	%A	%B
0.00	0.45	50	50
6.50	0.45	10	90
6.51	0.45	50	50
8.00	0.45	50	50

**Detector** MS/MS  
**Ion Mode:** ESI-  
**Mode:** MRM  
**Instrument** UHPLC