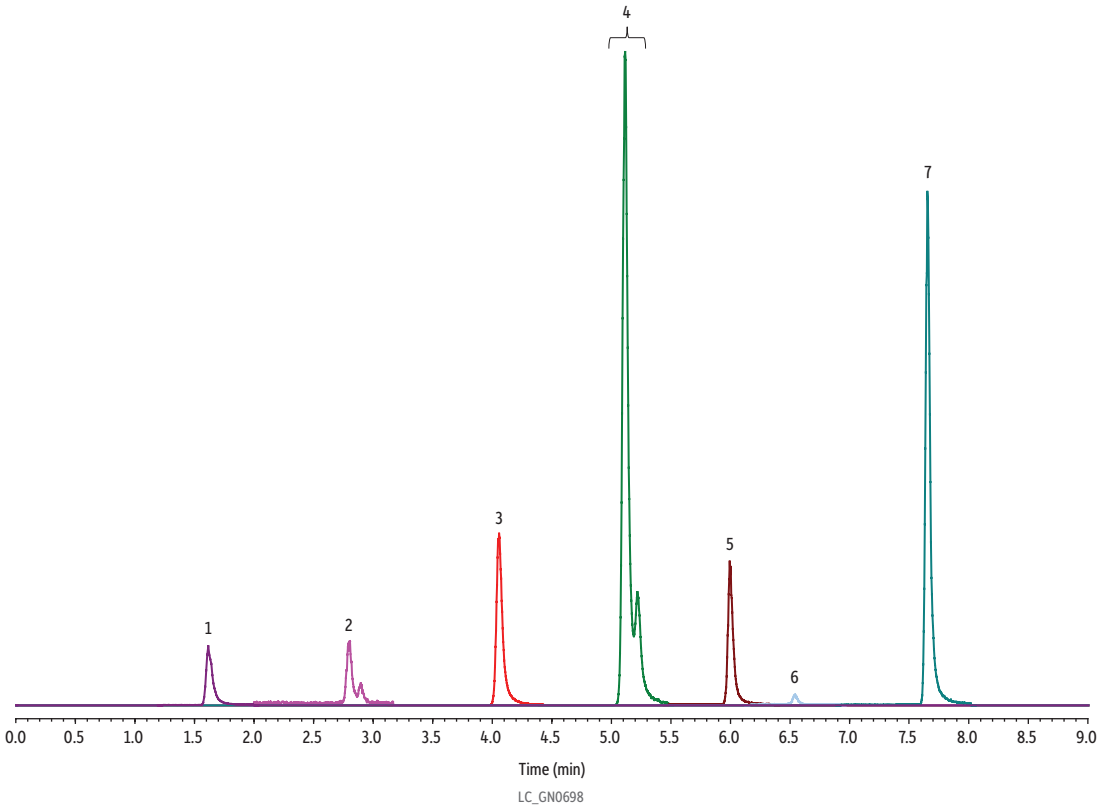
Nitrosamines 7 Standard on Raptor Biphenyl



Peaks	t_R (min)	Precursor Ion	Product Ion
1. N-Nitrosodimethylamine (NDMA)	1.62	75.1	58.0
2. N-Nitroso-N-methyl-4-aminobutyric acid (NMBA)	2.79	147.0	117.1
3. N-Nitrosodiethylamine (NDEA)	4.05	103.1	75.0
4. N-Nitrosoethylisopropylamine (NEIPA)	5.10	117.1	75.0
5. N-Nitrosodiisopropylamine (NDIPA)	5.99	131.2	43.1
6. N-Nitrosomethylphenylamine (NMPA)	6.55	137.0	65.9
7. N-Nitrosodibutylamine (NDBA)	7.64	159.1	57.0

Column Raptor Biphenyl (cat.# 9309A12)
Dimensions: 100 mm x 2.1 mm ID
Particle Size: 2.7 µm
Pore Size: 90 Å
Temp.: 40 °C
Standard/Sample Nitrosamines 7 standard (cat.# 36025)
Diluent: Water
Conc.: 100 ng/mL
Inj. Vol.: 5 µL
Mobile Phase
A: Water, 0.1% formic acid
B: Methanol, 0.1% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.4	95	5
9.00	0.4	5	95
9.01	0.4	95	5
11.00	0.4	95	5

Max Pressure: 340 bar
Detector SCIEX 4500 MS/MS
Ion Source: APCI
Ion Mode: APCI+
Mode: Scheduled MRM
Instrument Shimadzu Nexera X2
Sample Preparation A 100 ng/mL stock was prepared by adding 1 µL of nitrosamines 7 standard to 999 µL of water in 2 mL, screw-thread amber vials (cat.# 21143) and capped with 9 mm, short-cap, screw-vial closures (cat.# 24498).