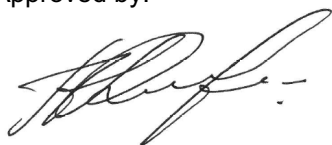


Name:	1β-Hydroxydeoxycholeic Acid-D4 (major)
Lot#:	GR-7-031
Test Date:	03/13/2020 (re-test date: 03/13/2025)
CAS No.:	80434-32-8
MF:	C ₂₄ H ₃₆ D ₄ O ₅
MW:	412.53
Appearance:	Off-white solid
Purity:	>95% by NMR
¹H-NMR:	Conforms
MS-ESI (-)	Conforms (shows peak at m/z = 411.39 [M-H] ⁻)

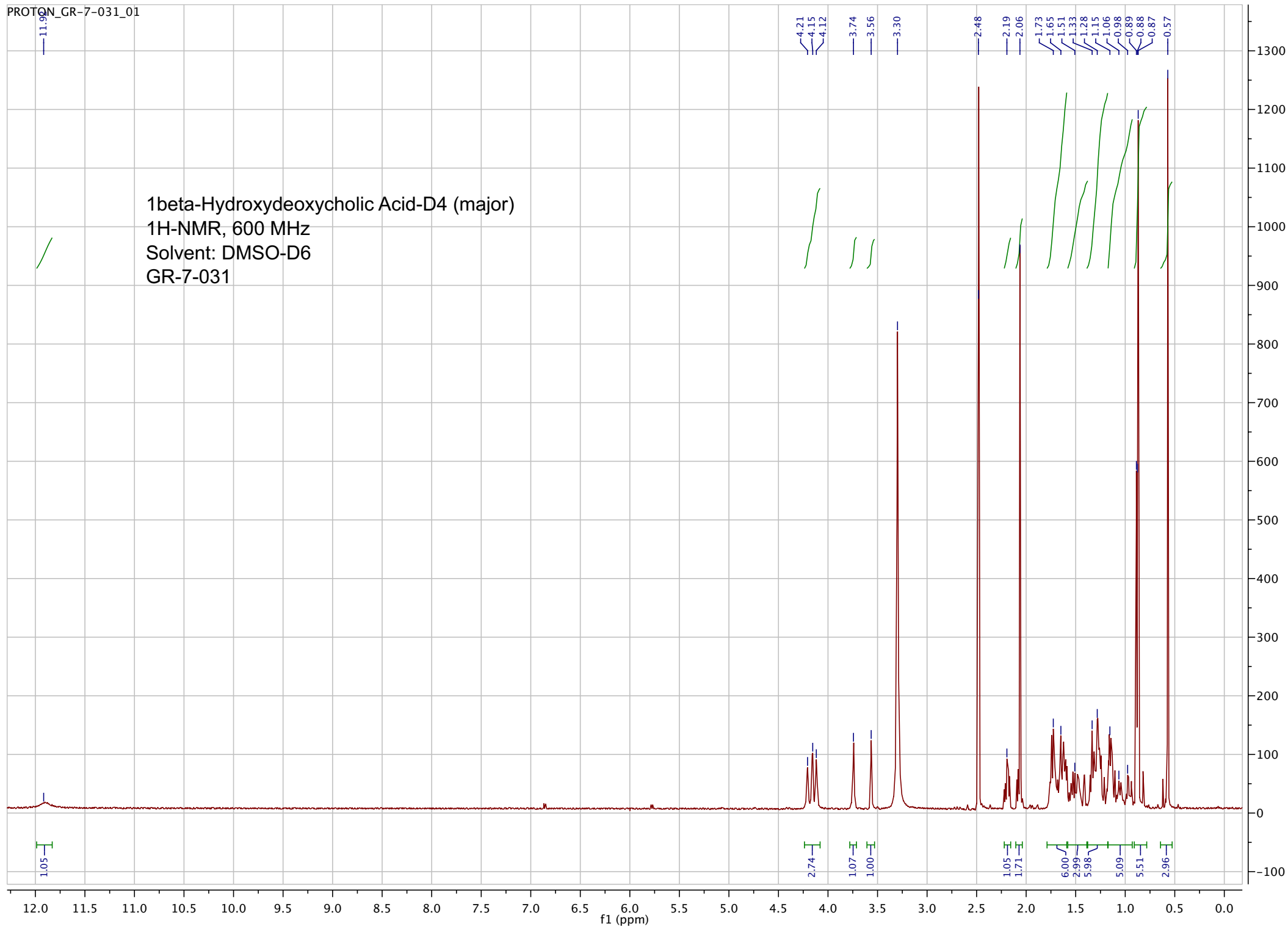
Approved by:

Date: 03/13/2020



Viorica Rusu, QC/QA Manager

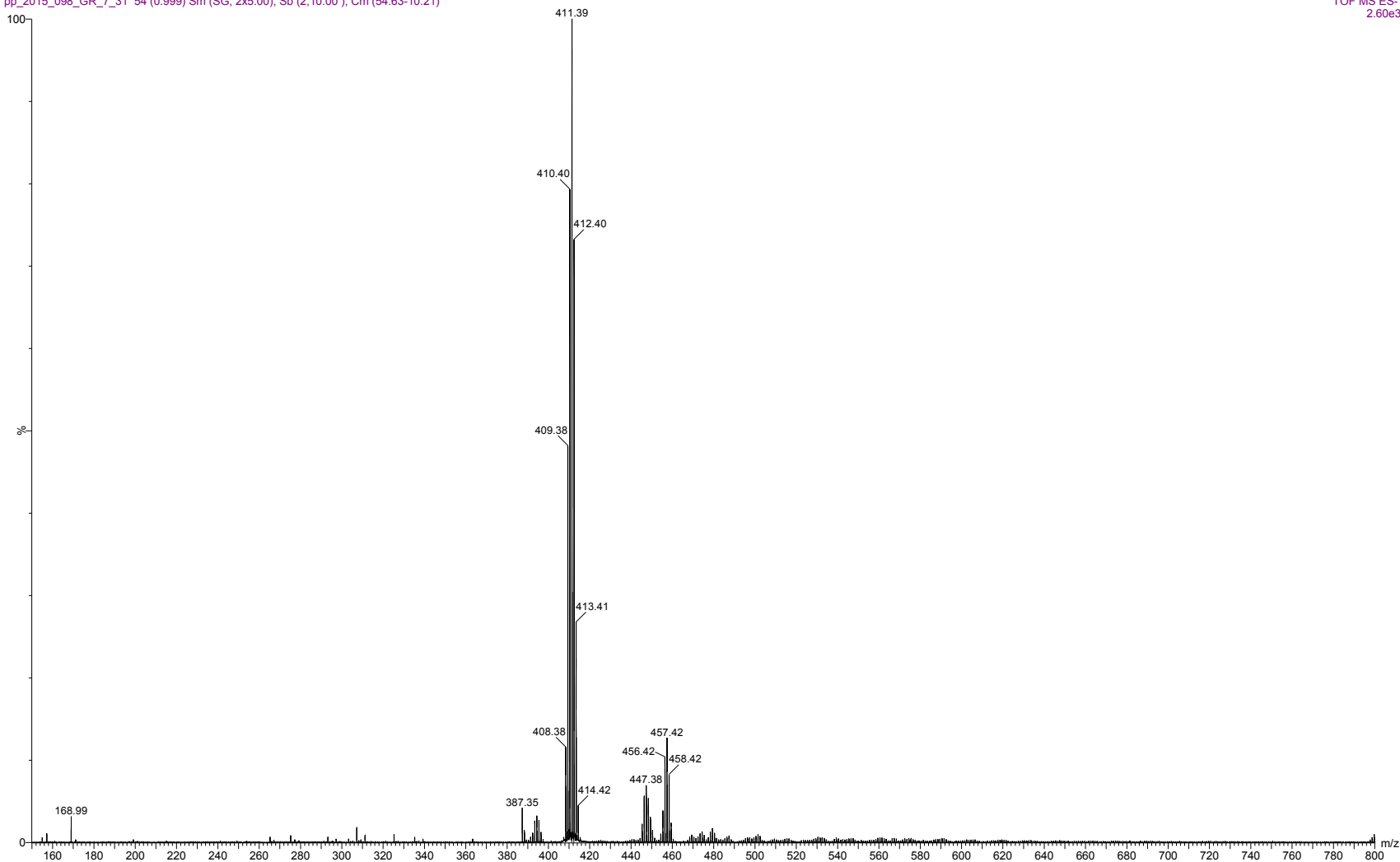
1beta-Hydroxydeoxycholic Acid-D4 (major)
1H-NMR, 600 MHz
Solvent: DMSO-D6
GR-7-031



pp_2015_098_GR_7_31 54 (0.999) Sm (SG, 2x5.00); Sb (2,10.00); Cm (54:63-10:21)

5.0000000

27-Nov-2015, 10:38:43
TOF MS ES-
2.60e3

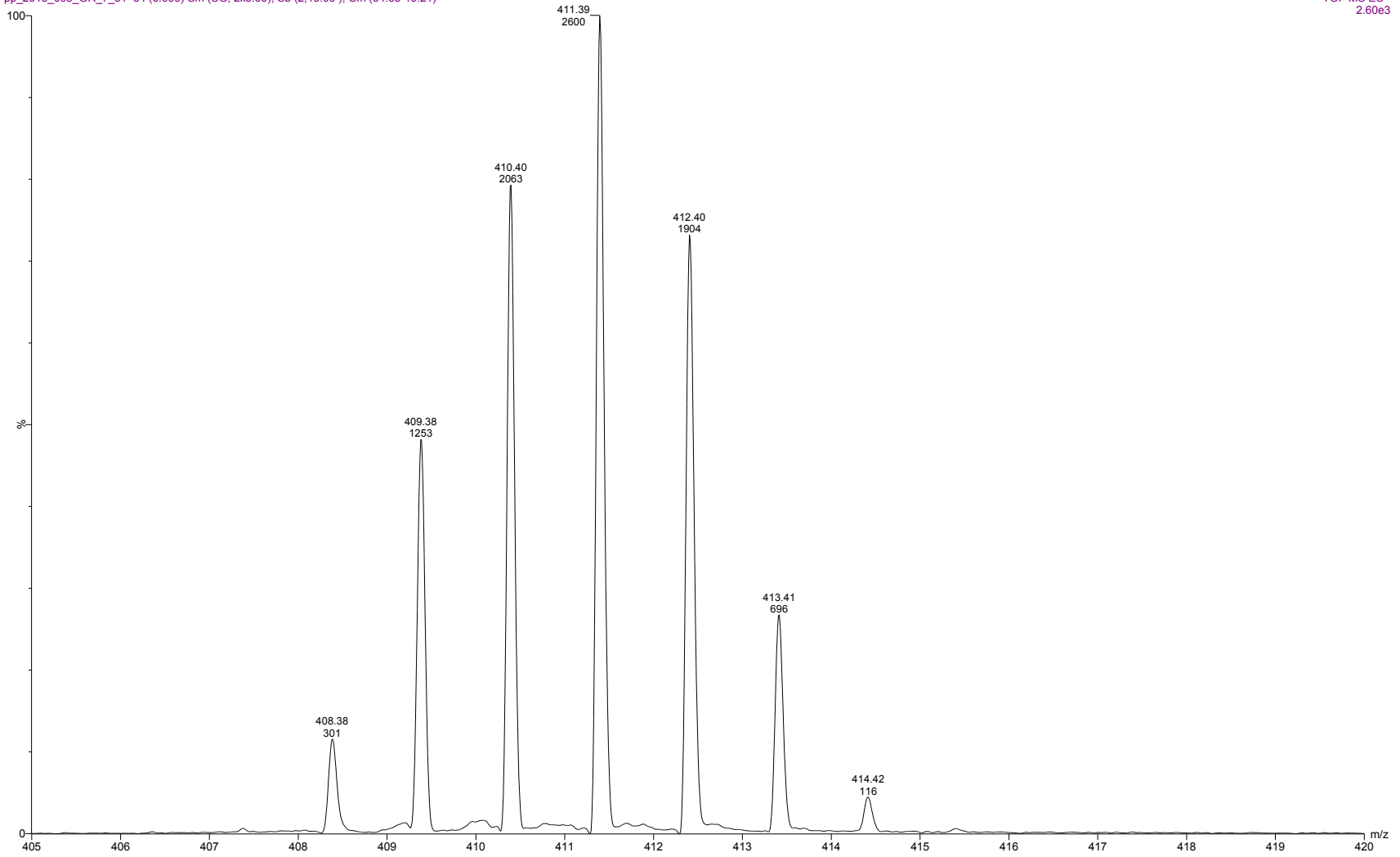


ESI-MS spectrum for sample GR-7-31. Shows monoisotopic [M-H]- mass.

pp_2015_098_GR_7_31 54 (0.999) Sm (SG, 2x5.00); Sb (2,10.00); Cm (54:63-10:21)

5.0000000

27-Nov-2015, 10:38:43
TOF MS ES-
2.60e3



Intensity annotation for specific m/z range as requested. (expansion of above)