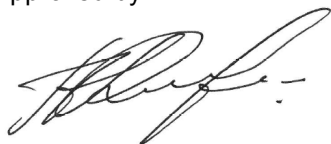


Name: IsoMetronidazole-D4
Lot#: GR-9-163
Test Date: 01/22/2020 (re-test date:01/22/2025)
CAS No.: 705-19-1 (unlabelled)
MF: C₆H₅D₄N₃O₃
MW: 175.18
Appearance: White Solid
Purity: 99.4% by HPLC; 99% atom D
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peak at m/z = 176.09 [M+H]⁺)

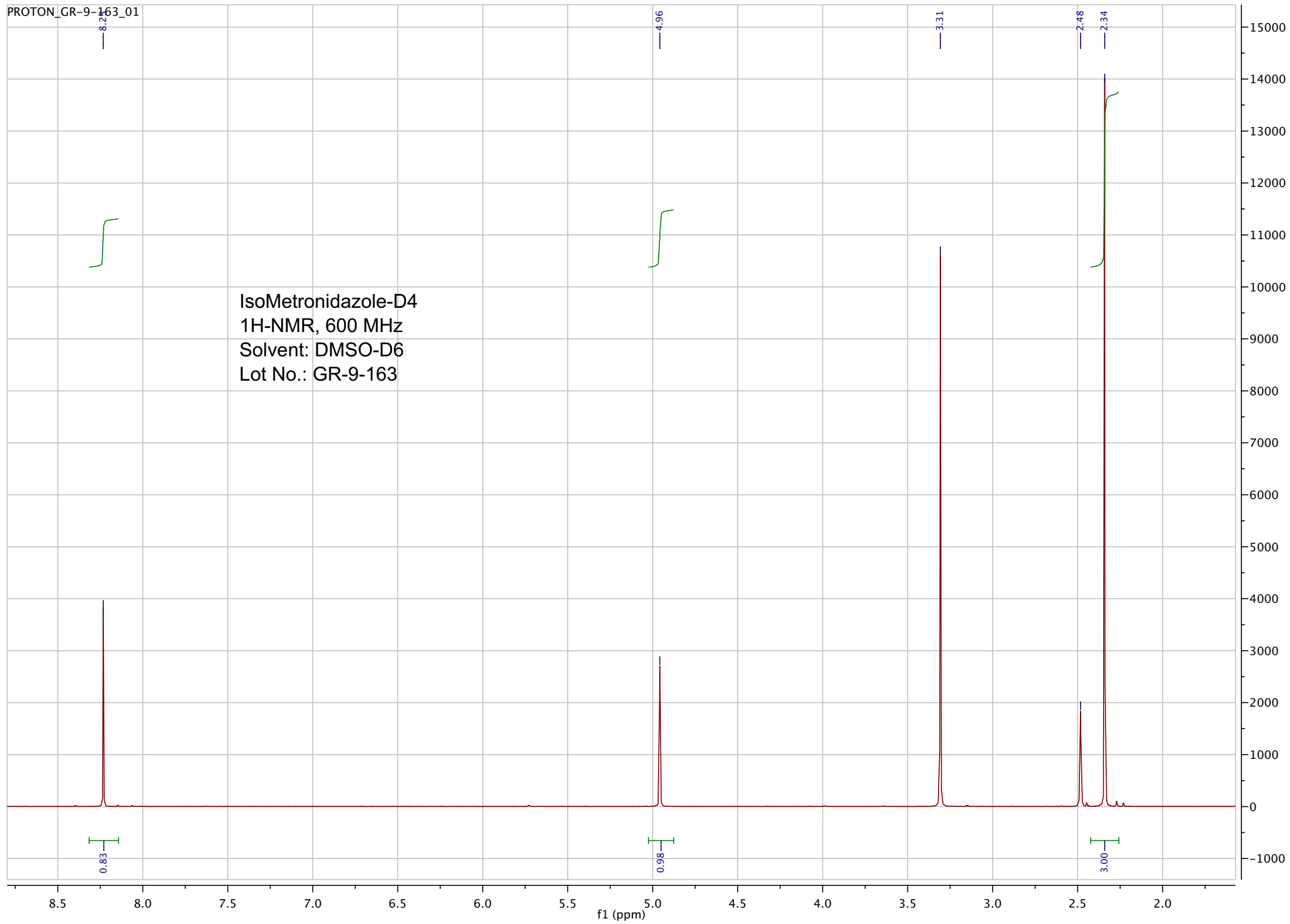
Approved by:

Date: 01/24/2020



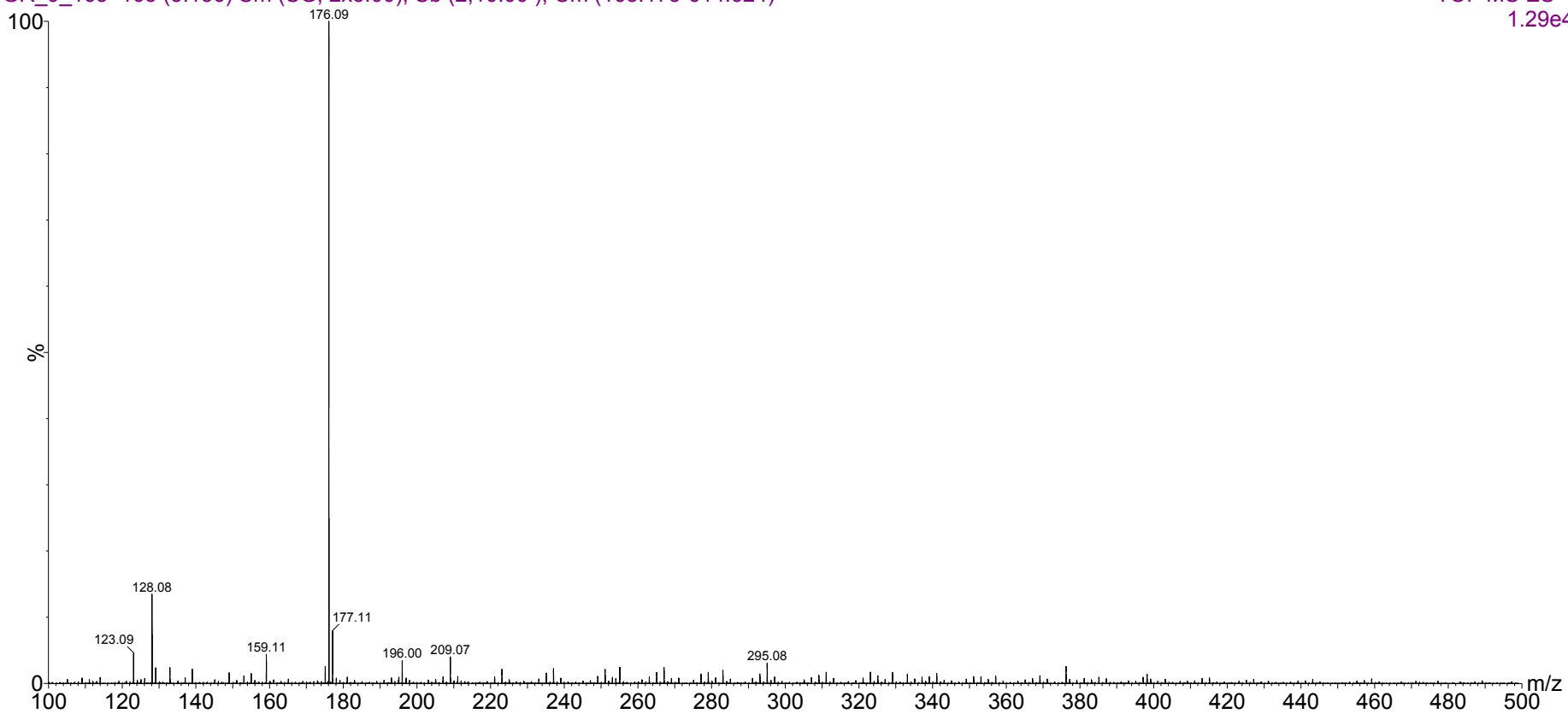
Viorica Rusu, QC/QA Manager

IsoMetronidazole-D4
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-9-163



GR_9_163 165 (3.156) Sm (SG, 2x5.00); Sb (2,10.00); Cm (163:173-614:624)

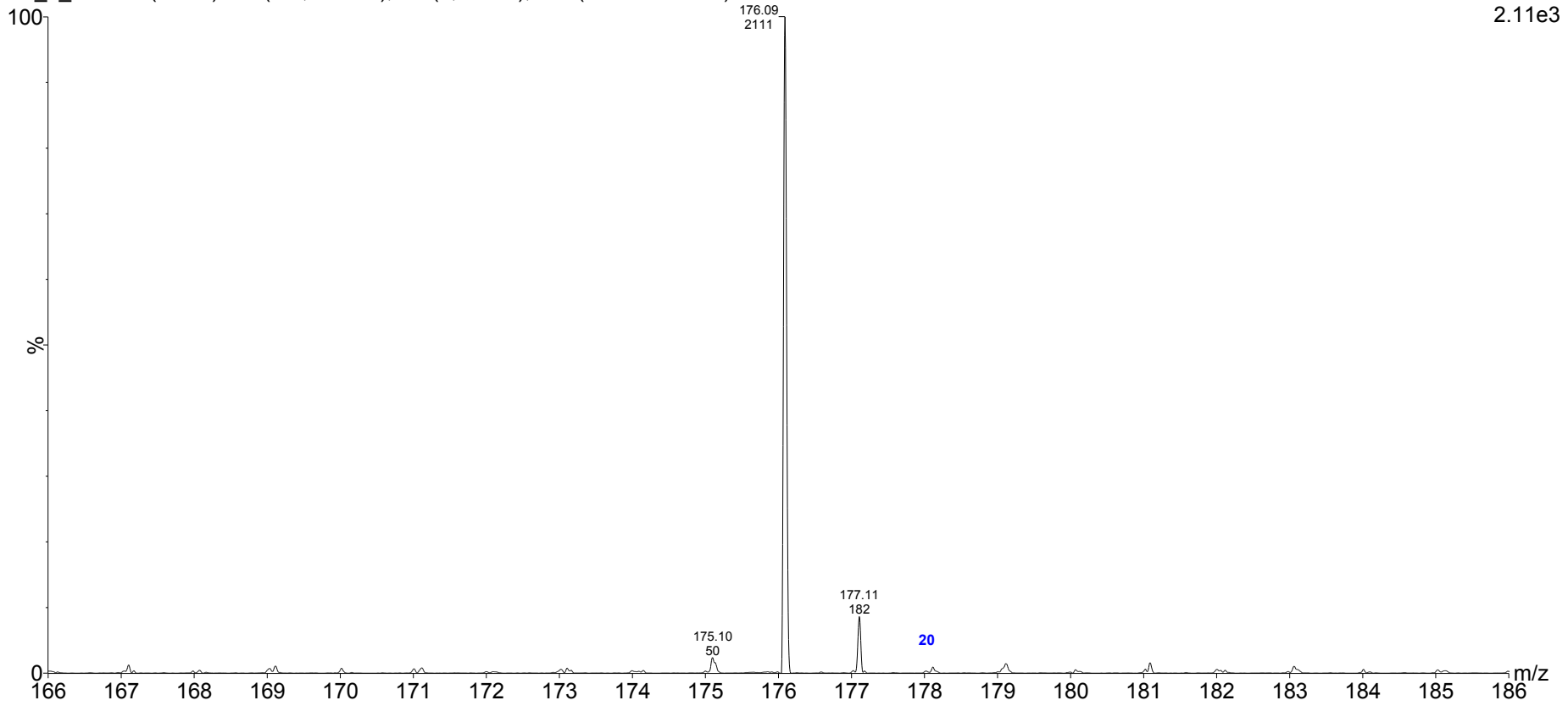
TOF MS ES+
1.29e4



Raw ESI-MS spectrum for sample GR-9-163. Shows monoisotopic $[M+H]^+$ mass.

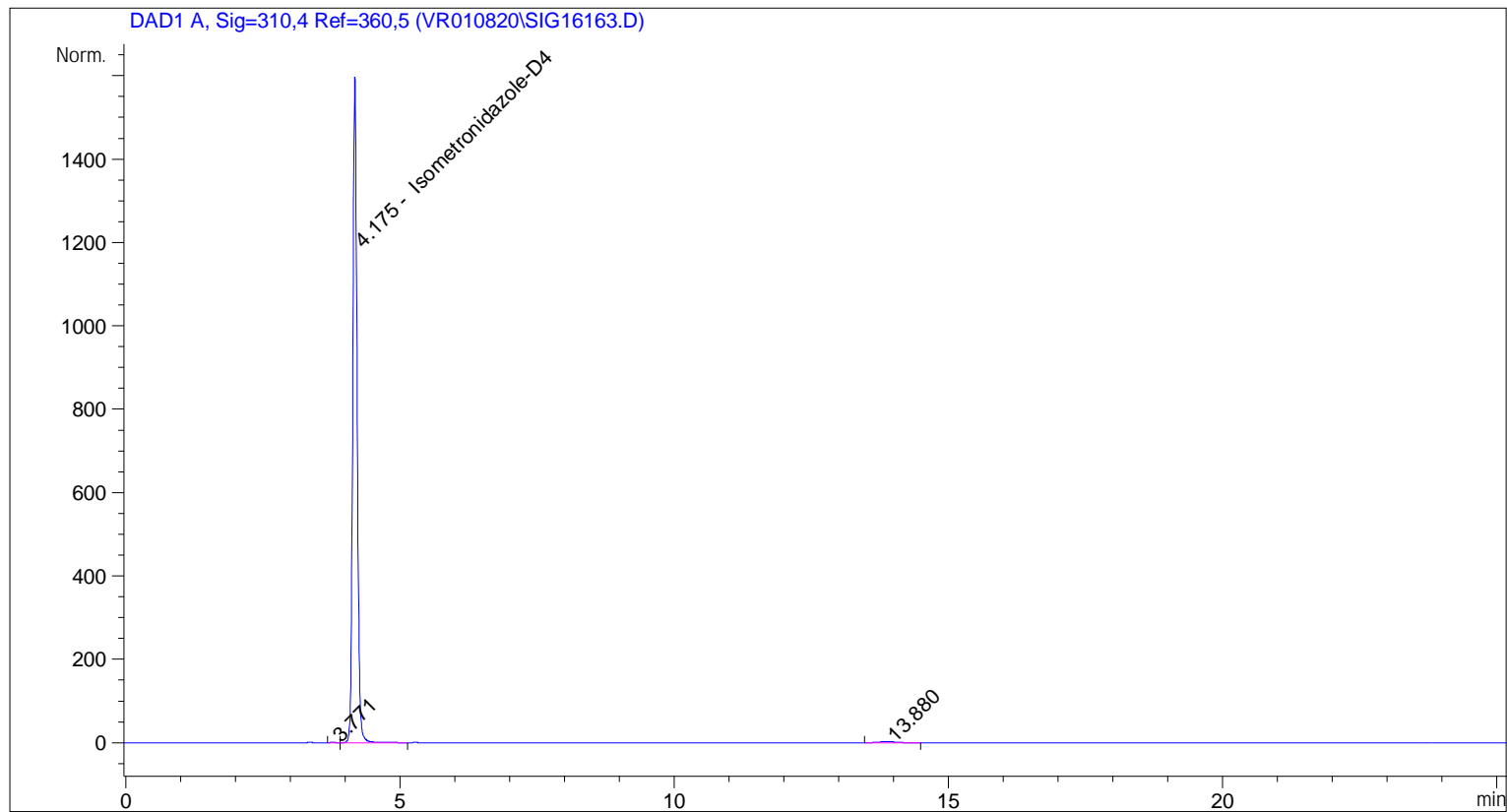
GR_9_163 32 (0.613) Sm (SG, 2x5.00); Sb (2,10.00); Cm (31:32-8x2.000)

TOF MS ES+
2.11e3



Expansion of above with intensity labels.

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 21
Injection Date : 1/22/2020 12:32:28 PM Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR012220_163.M
Last changed : 1/22/2020 12:31:27 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR012420_163PM.M
Last changed : 1/24/2020 11:32:06 AM by vrusu



=====
Area Percent Report
=====

Sorted By : Signal
Calib. Data Modified : 1/24/2020 11:29:30 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=310,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.771	BB	0.0721	5.17568	0.0582	?
2	4.175	BB	0.0843	8830.14063	99.3552	Isometronidazole-D4
3	13.880	BB	0.2625	52.13261	0.5866	?

Totals : 8887.44891