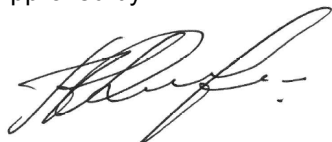


**Name:** 4-Trifluoromethoxybenzoic Acid-D4  
**Lot#:** GR-14-075  
**Test Date:** 09/26/2019 (re-test date: 09/26/2024)  
**CAS No.:** 330-12-1 (unlabelled)  
**MF:** C<sub>8</sub>HD<sub>4</sub>F<sub>3</sub>O<sub>3</sub>  
**MW:** 210.14  
**Appearance:** White Solid  
**Purity:** 99.6% by HPLC; >98% atom D  
**<sup>1</sup>H-NMR:** Conforms  
**MS-ESI (-)** Conforms (shows peaks at m/z = 209.01 [M-H]<sup>-</sup>)

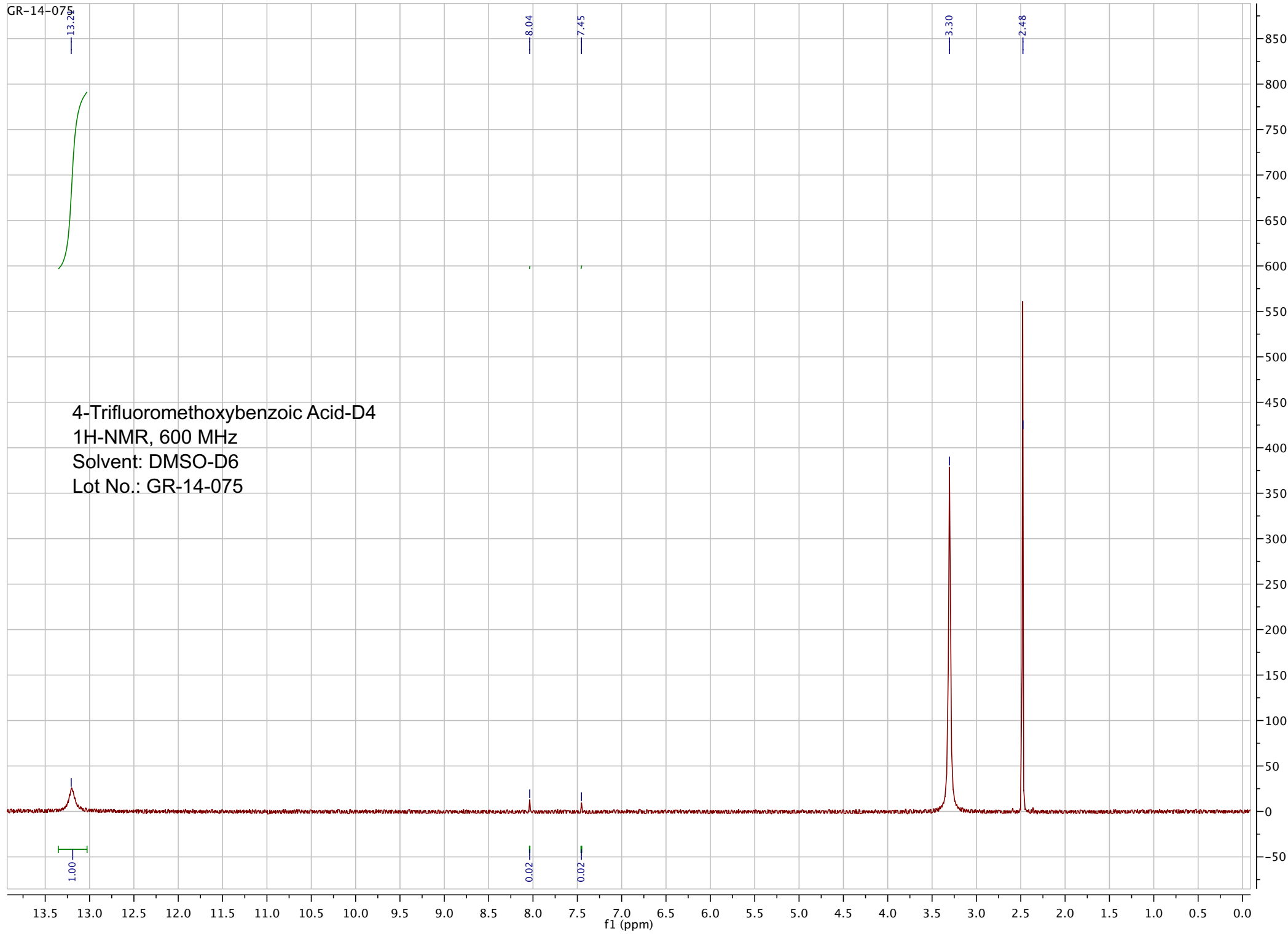
Approved by:

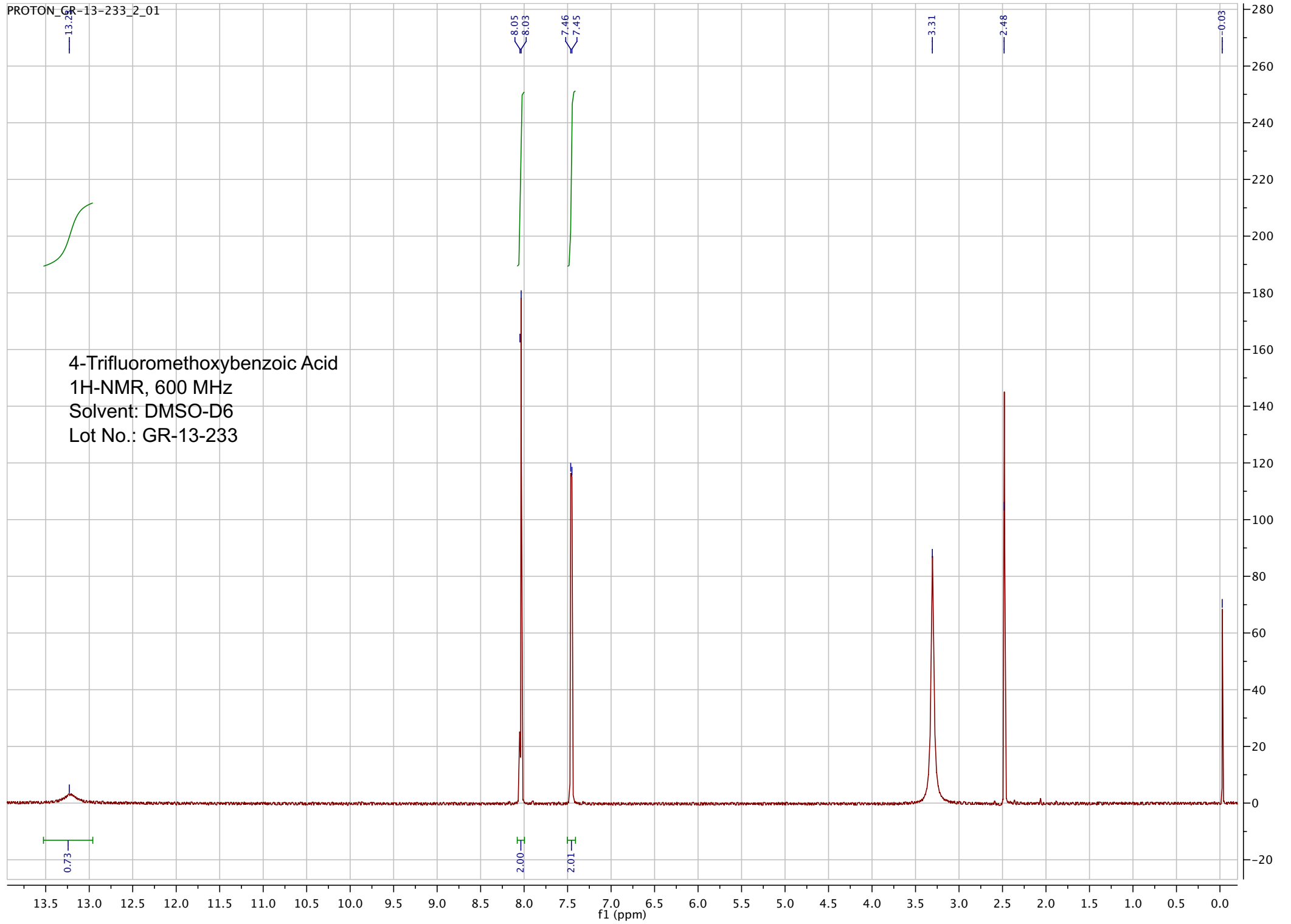
Date: 09/26/2019



Viorica Rusu, QC/QA Manager

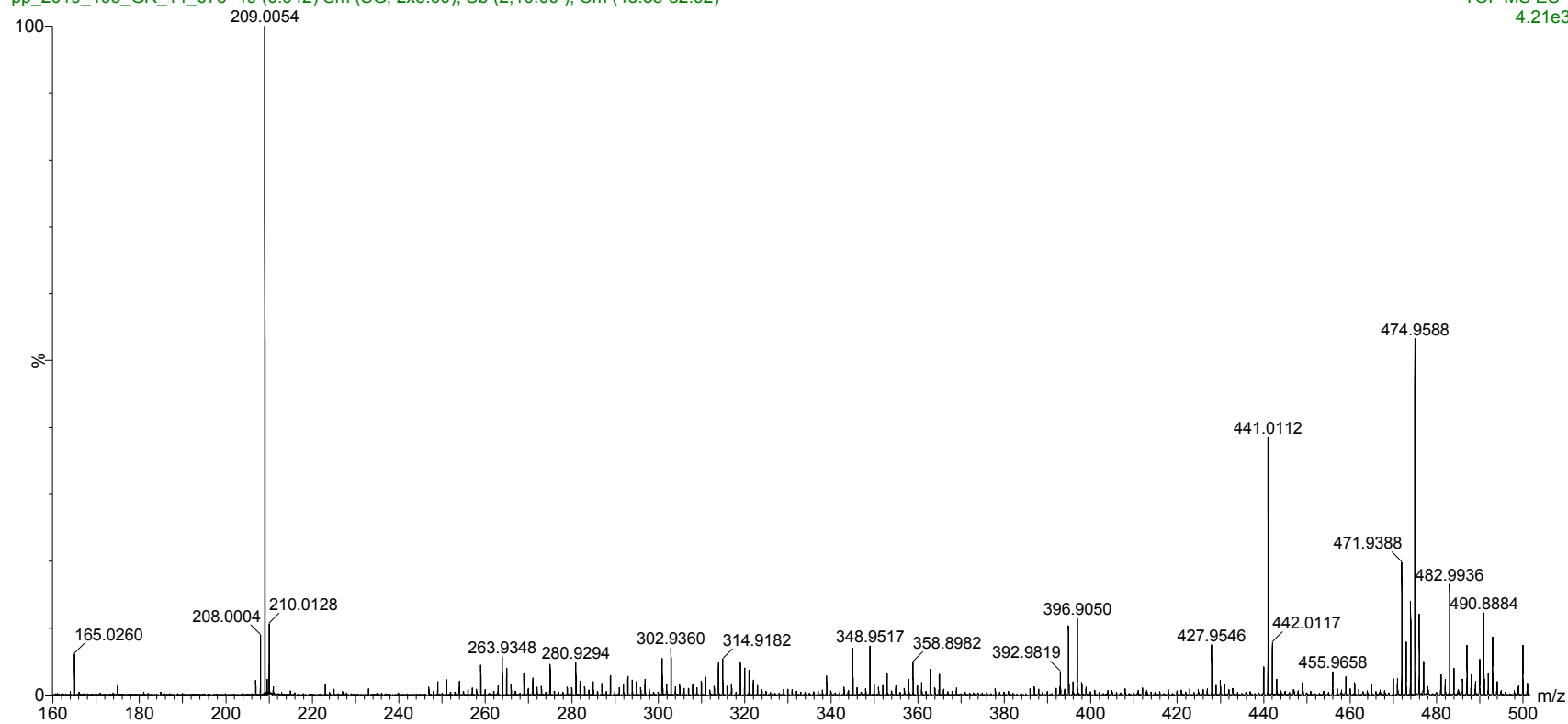
GR-14-075





pp\_2019\_103\_GR\_14\_075 49 (0.942) Sm (SG, 2x5.00); Sb (2,10.00); Cm (45:55-82:92)

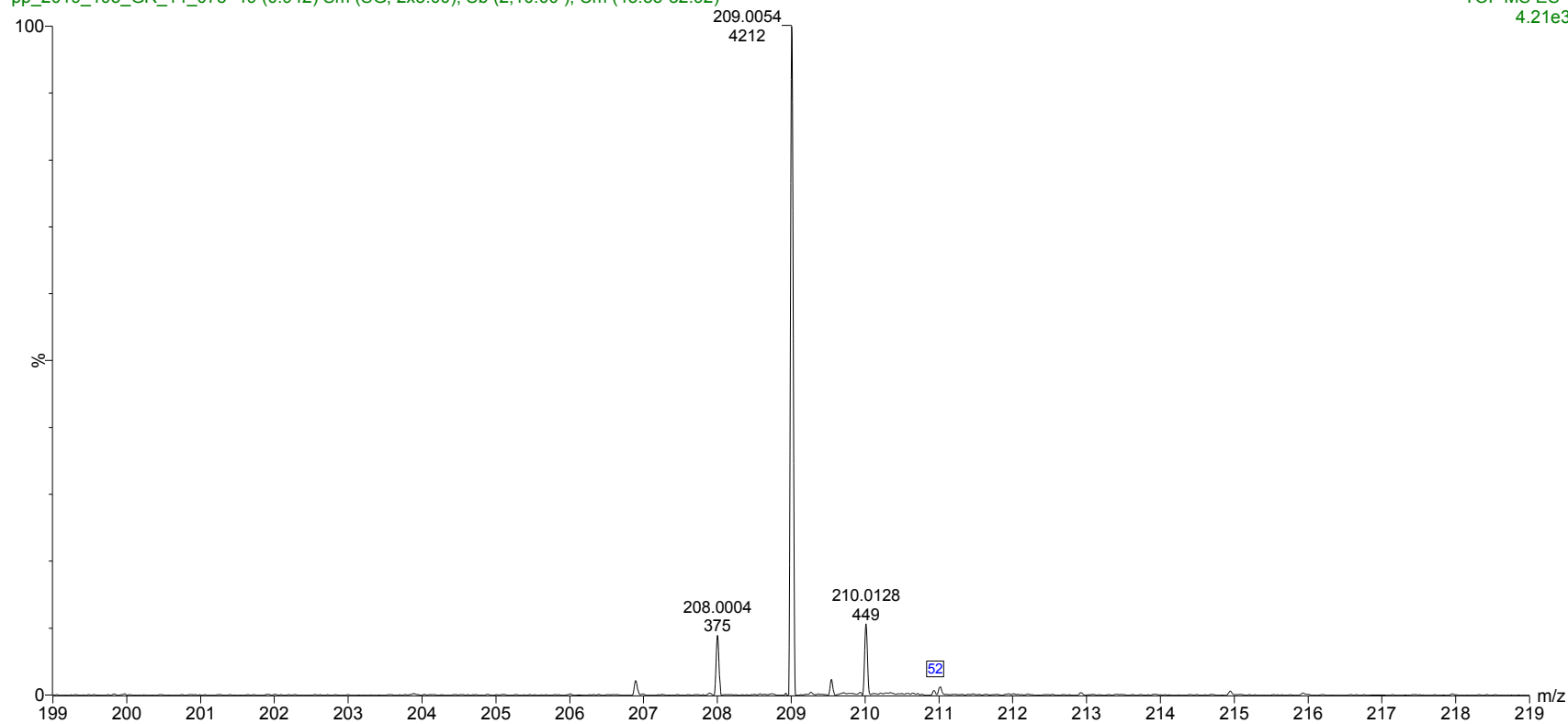
TOF MS ES-  
4.21e3



ESI-MS spectrum for sample GR-14-075. Shows monoisotopic [M-H]- mass.

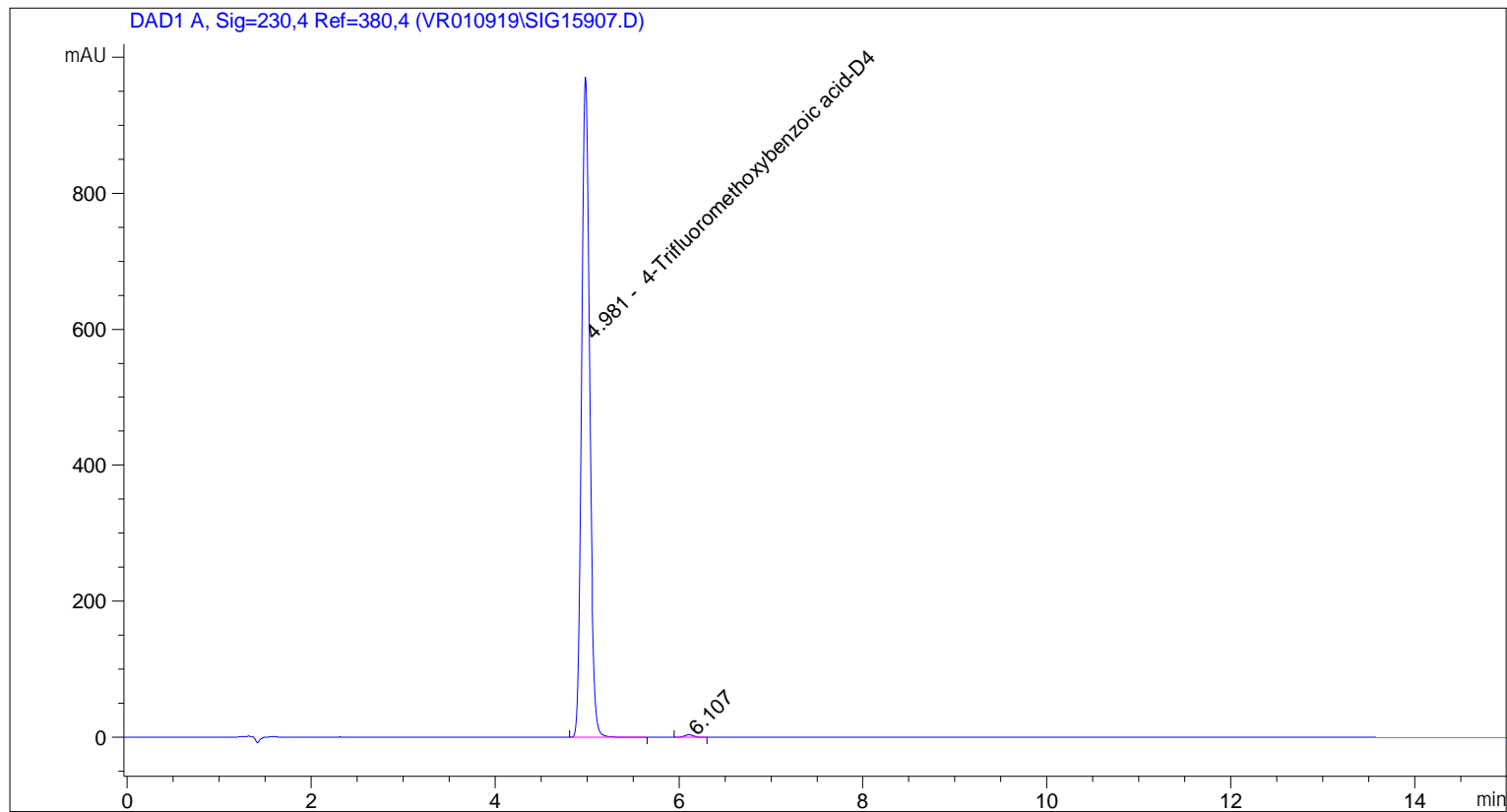
pp\_2019\_103\_GR\_14\_075 49 (0.942) Sm (SG, 2x5.00); Sb (2,10.00 ); Cm (45:55-82:92)

TOF MS ES-  
4.21e3



Expansion of above showing intensity labels.

=====  
Acq. Operator : vrusu  
Acq. Instrument : Instrument 1 Location : Vial 82  
Injection Date : 9/26/2019 8:48:01 AM Inj Volume : 5.0 µl  
Acq. Method : C:\CHEM32\1\METHODS\VR092619\_075.M  
Last changed : 9/26/2019 8:46:54 AM by vrusu  
Analysis Method : C:\CHEM32\1\METHODS\VR092619\_075PM.M  
Last changed : 9/26/2019 9:06:21 AM by vrusu



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

Sorted By : Signal  
Calib. Data Modified : 9/26/2019 9:06:03 AM  
Multiplier: : 1.0000  
Dilution: : 1.0000  
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=230,4 Ref=380,4

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.981	BB	0.0944	5869.68555	99.5908	4-Trifluoromethoxybenzoic acid-D4
2	6.107	BB	0.1079	24.11480	0.4092	?

Totals : 5893.80035

=====  
\*\*\* End of Report \*\*\*