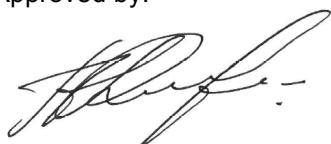


Name:	Montelukast-D6 Sodium
Lot#:	GR-12-205
Test Date:	12/03/2018 (re-test date: 12/03/2023)
CAS No.:	151767-02-1 (unlabeled)
MF:	C ₃₅ H ₂₉ D ₆ CINNaO ₃ S
MW:	614.21
Appearance:	Off-White solid
Purity:	97.7% by HPLC; 99% atom D
¹H-NMR:	Conforms
MS-ESI (-)	Conforms (shows peaks at m/z = 590.40, 592.40 [M-Na] ⁻ ; shows expected isotope pattern of mono-chloro compounds)

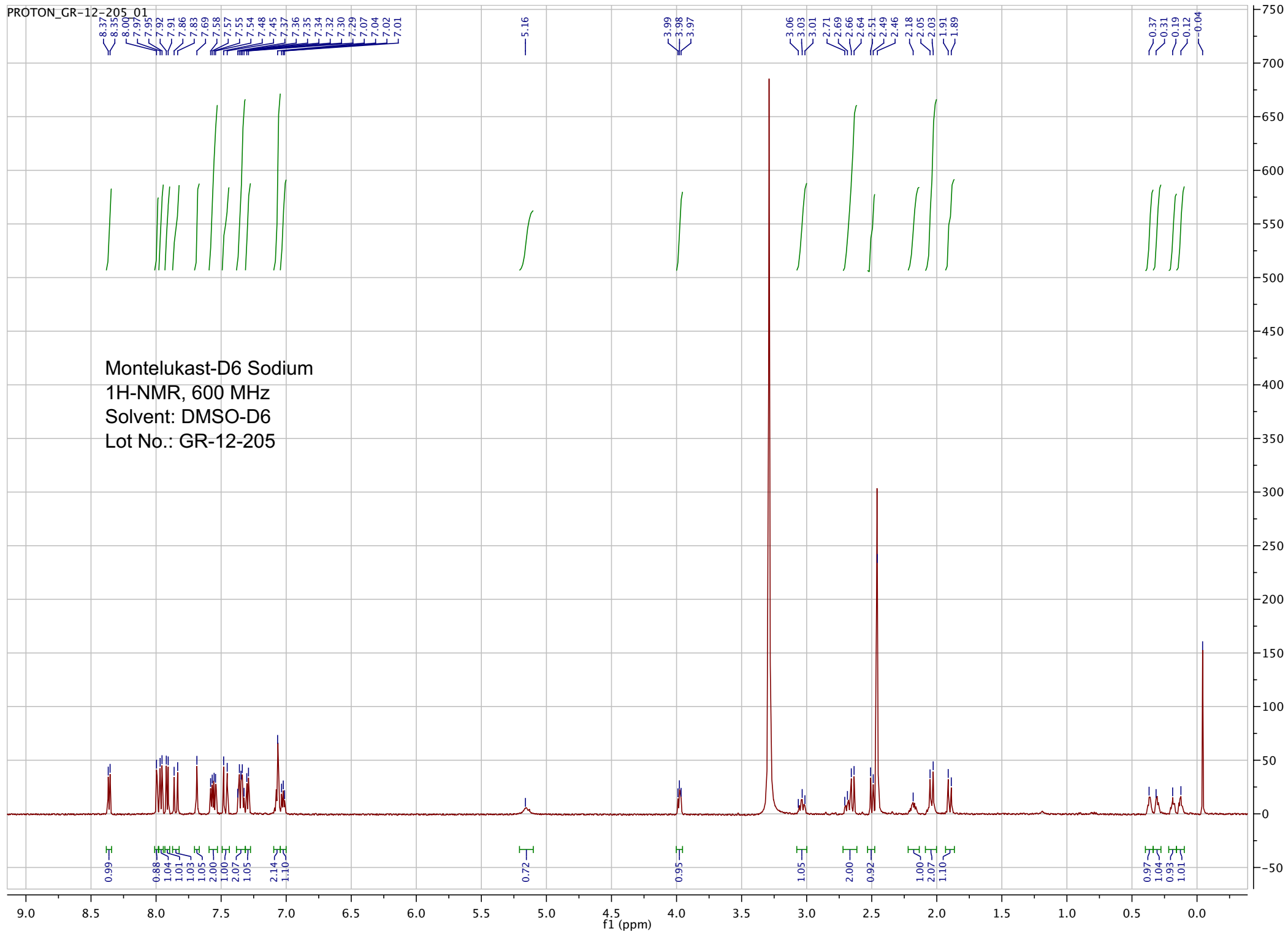
Approved by:

Date: 12/04/2018

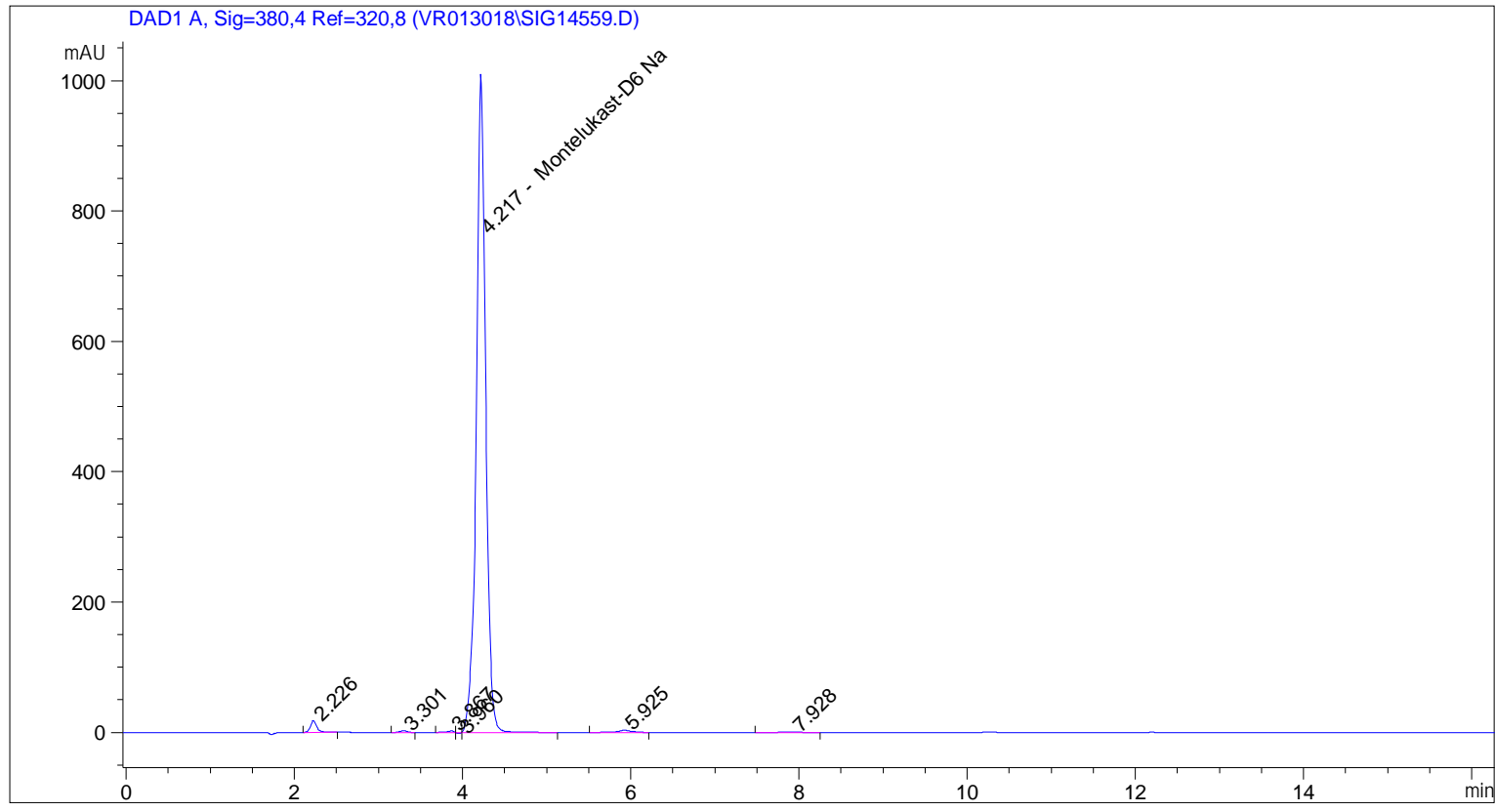


Viorica Rusu, QC/QA Manager

Montelukast-D6 Sodium
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-12-205



=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 41
Injection Date : 12/3/2018 6:46:36 AM Inj Volume : 7.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR120318_205.M
Last changed : 12/3/2018 6:42:58 AM by vrusu
(modified after loading)
Analysis Method : C:\CHEM32\1\METHODS\VR12031818_205PM.M
Last changed : 12/3/2018 7:28:05 AM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 12/3/2018 7:27:55 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=380,4 Ref=320,8

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.226	BB	0.0786	93.44070	1.1696	?
2	3.301	BB	0.0902	18.83438	0.2357	?
3	3.867	BB	0.0875	12.69577	0.1589	?
4	3.960	PB N	0.0475	4.70937	0.0589	?
5	4.217	PB	0.1142	7809.41797	97.7492	Montelukast-D6 Na
6	5.925	BB	0.1745	40.31296	0.5046	?
7	7.928	BB	0.2191	9.82904	0.1230	?

Sample Name: GR-12-205

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
Totals :				7989.24019		

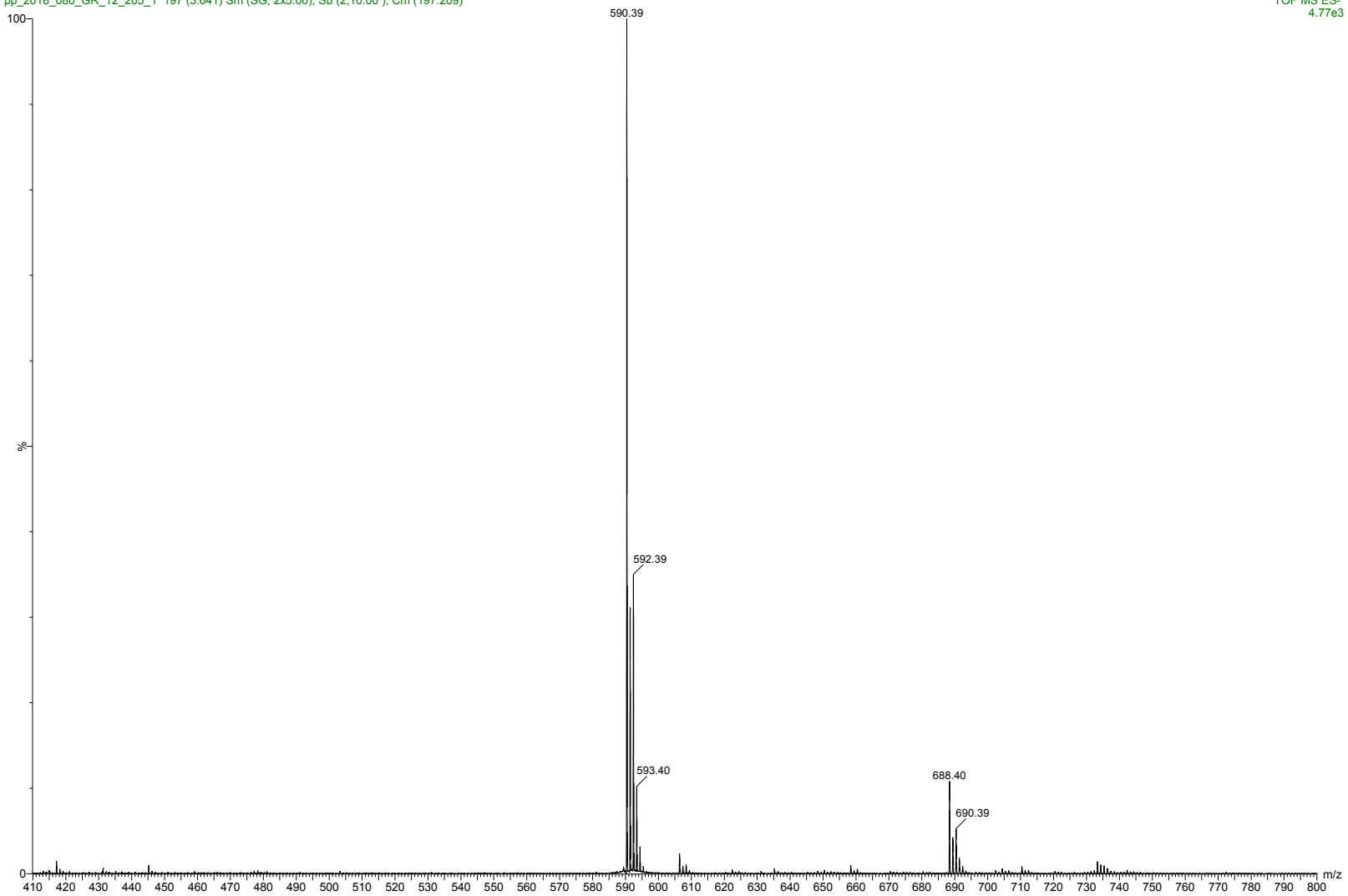
=====
*** End of Report ***

pp_2018_080_GR_12_205_1 197 (3.641) Sm (SG, 2x5.00); Sb (2,10.00); Cm (197:209)

7.00000000

03-Dec-2018, 13:47:25

TOF MS ES-
4.77e3



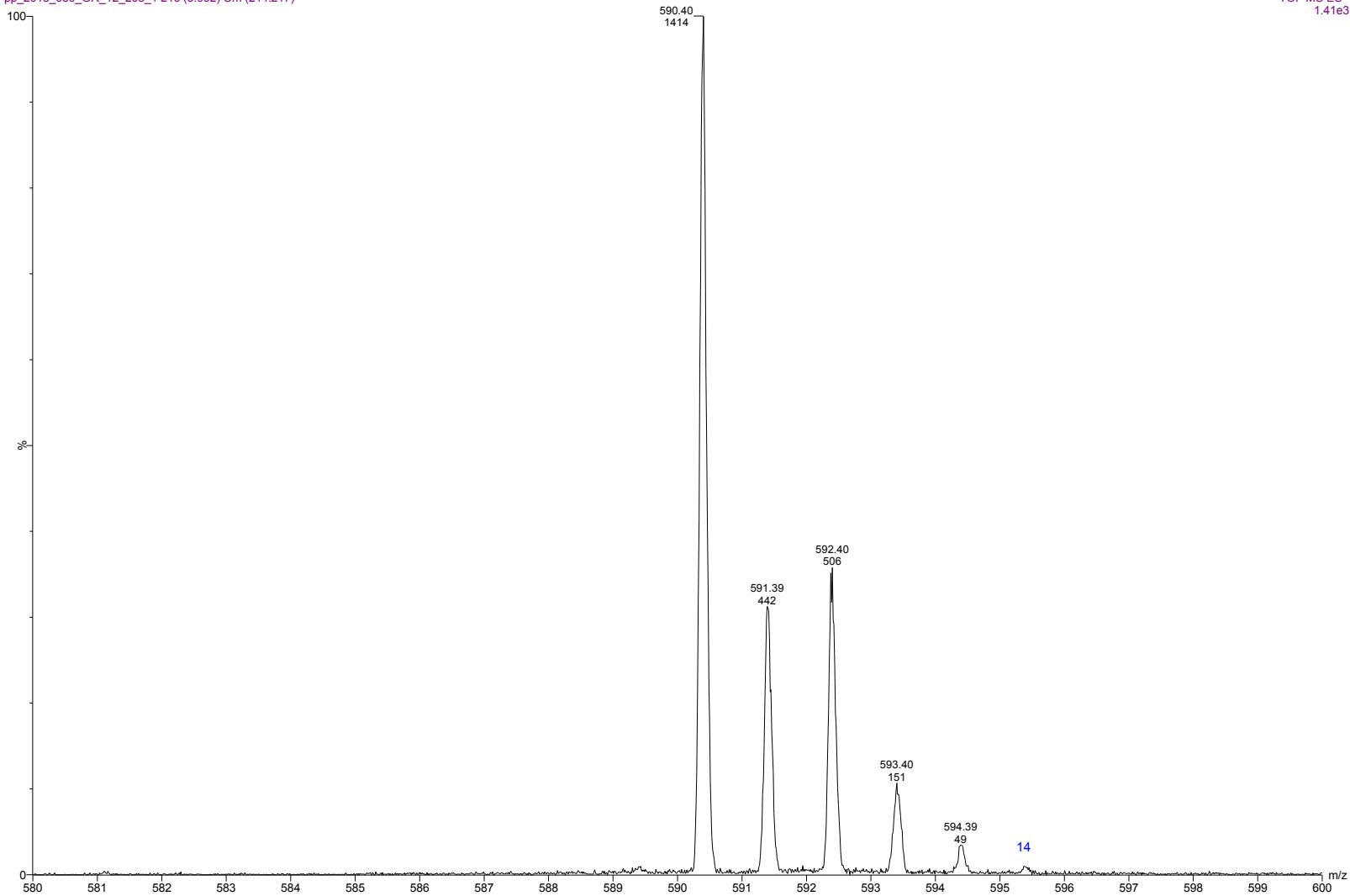
ESI-MS spectrum for sample GR-12-205.

pp_2018_080_GR_12_205_1 216 (3.992) Cm (214:217)

7.0000000

03-Dec-2018, 13:47:25

TOF MS ES-
1.41e3



Expansion of above showing intensity labels.