

Name: Dolutegravir-D3

Lot#: GR-13-091

Test Date: 04/11/2019 (re-test date: 04/11/2024)

CAS No.: 1051375-16-6 (*unlabeled*)

MF: C₂₀H₁₆D₃F₂N₃O₅

MW: 422.40

Appearance: Off-White solid

Purity: 97.4% by HPLC; >98% atom D

¹H-NMR: Conforms

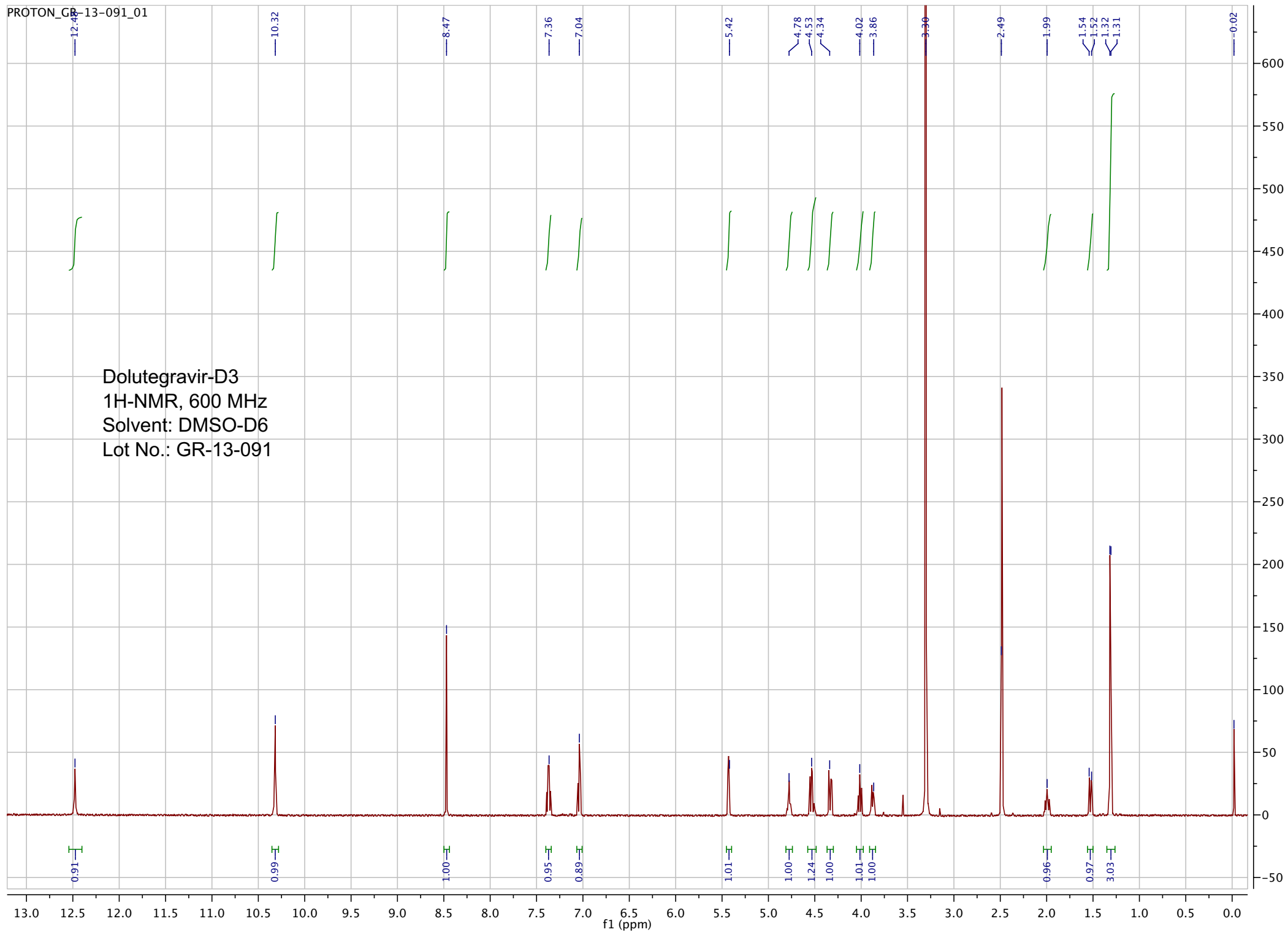
MS-ESI (+) Conforms (shows peaks at m/z = 423.17 [M+H]⁺)

Approved by:

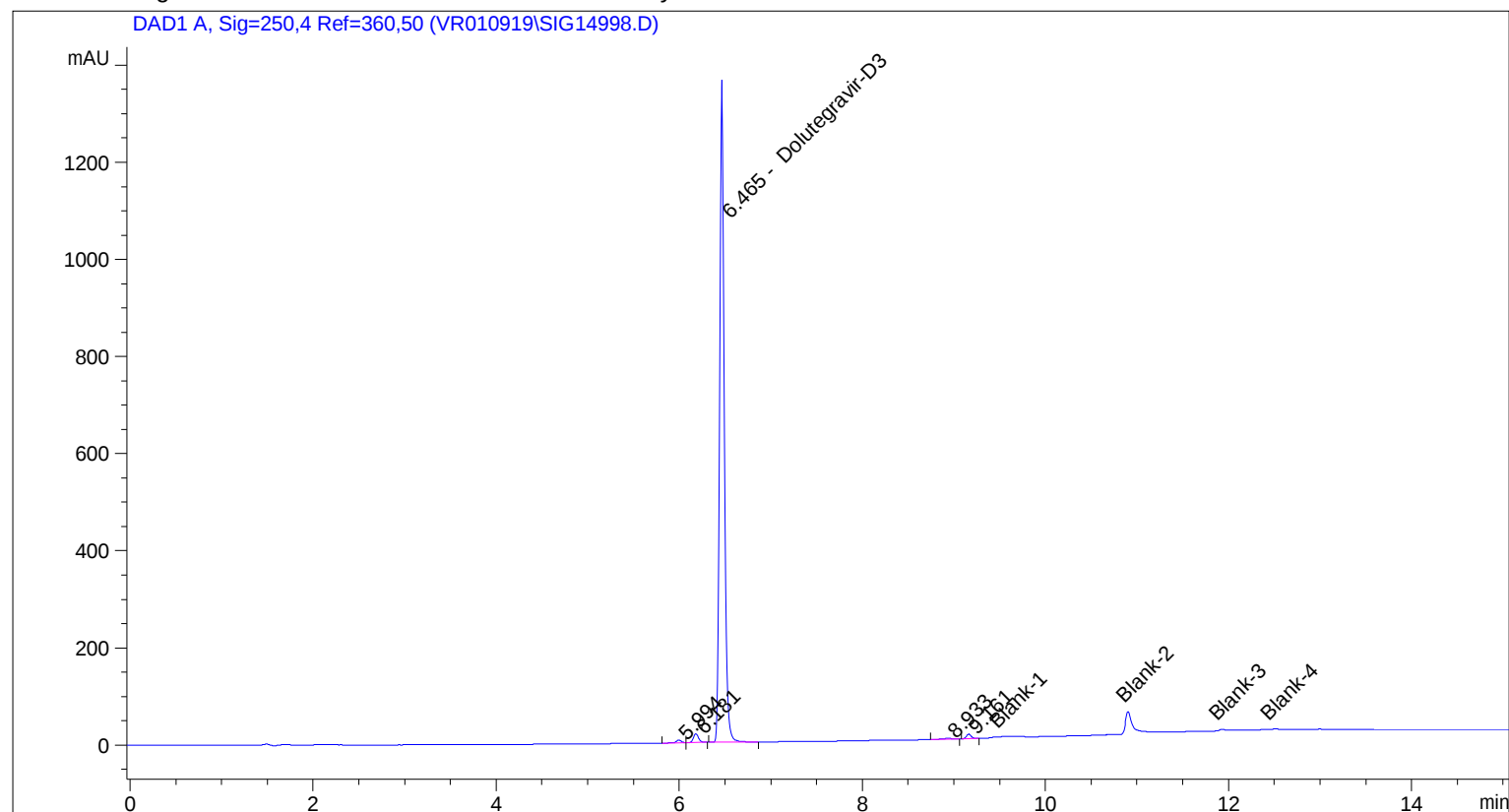
Date: 04/12/2019



Viorica Rusu, QC/QA Manager



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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 49
Injection Date : 4/11/2019 9:57:25 AM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR041119_091.M
Last changed : 4/11/2019 9:54:54 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR110419_091PM.M
Last changed : 4/11/2019 10:22:44 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 4/11/2019 10:22:14 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=250,4 Ref=360,50

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	5.994	BV	0.0630	23.02949	0.4384	?
2	6.181	VB	0.0579	67.93358	1.2932	?
3	6.465	BB	0.0576	5115.49854	97.3777	Dolutegravir-D3
4	8.933	BB	0.0835	10.78369	0.2053	?
5	9.161	BB	0.0611	36.00726	0.6854	?

Totals : 5253.25255

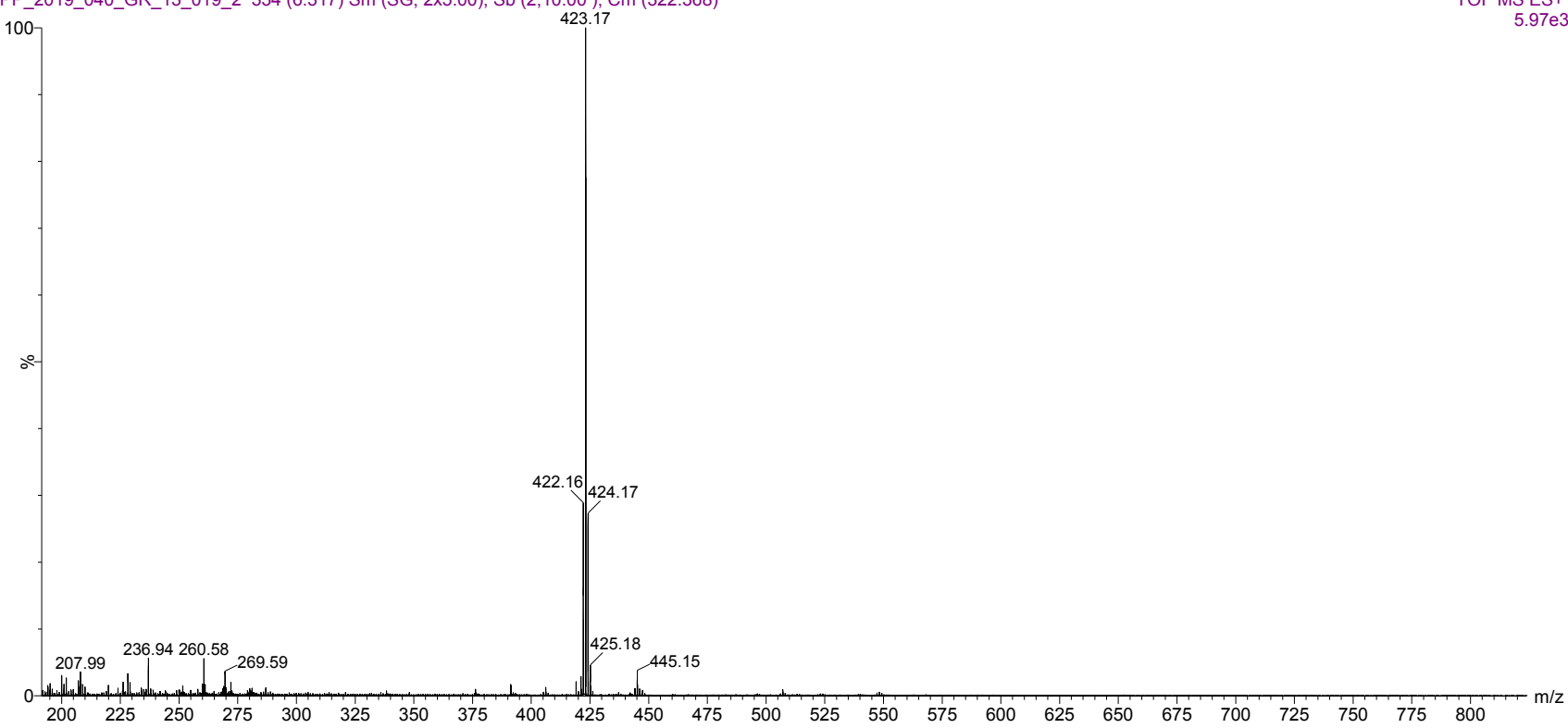
Sample Name: GR-13-091

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*** End of Report ***

PP_2019_040_GR_13_019_2 334 (6.317) Sm (SG, 2x5.00); Sb (2,10.00); Cm (322:368)

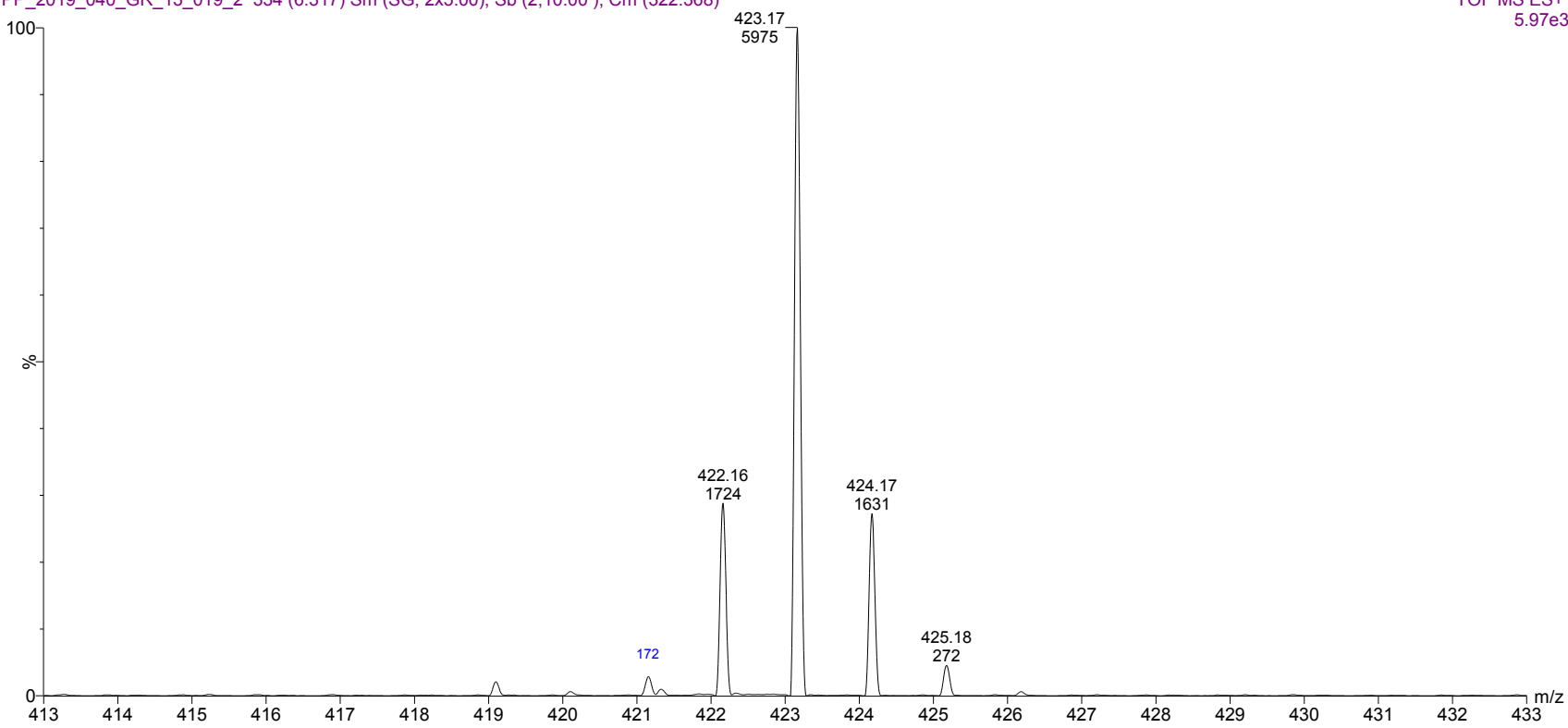
TOF MS ES+
5.97e3



ESI-MS spectrum for sample GR-13-019. Shows monoisotopic $[M+H]^+$ mass.

PP_2019_040_GR_13_019_2 334 (6.317) Sm (SG, 2x5.00); Sb (2,10.00); Cm (322:368)

TOF MS ES+
5.97e3



Expansion of above showing intensity labels.