

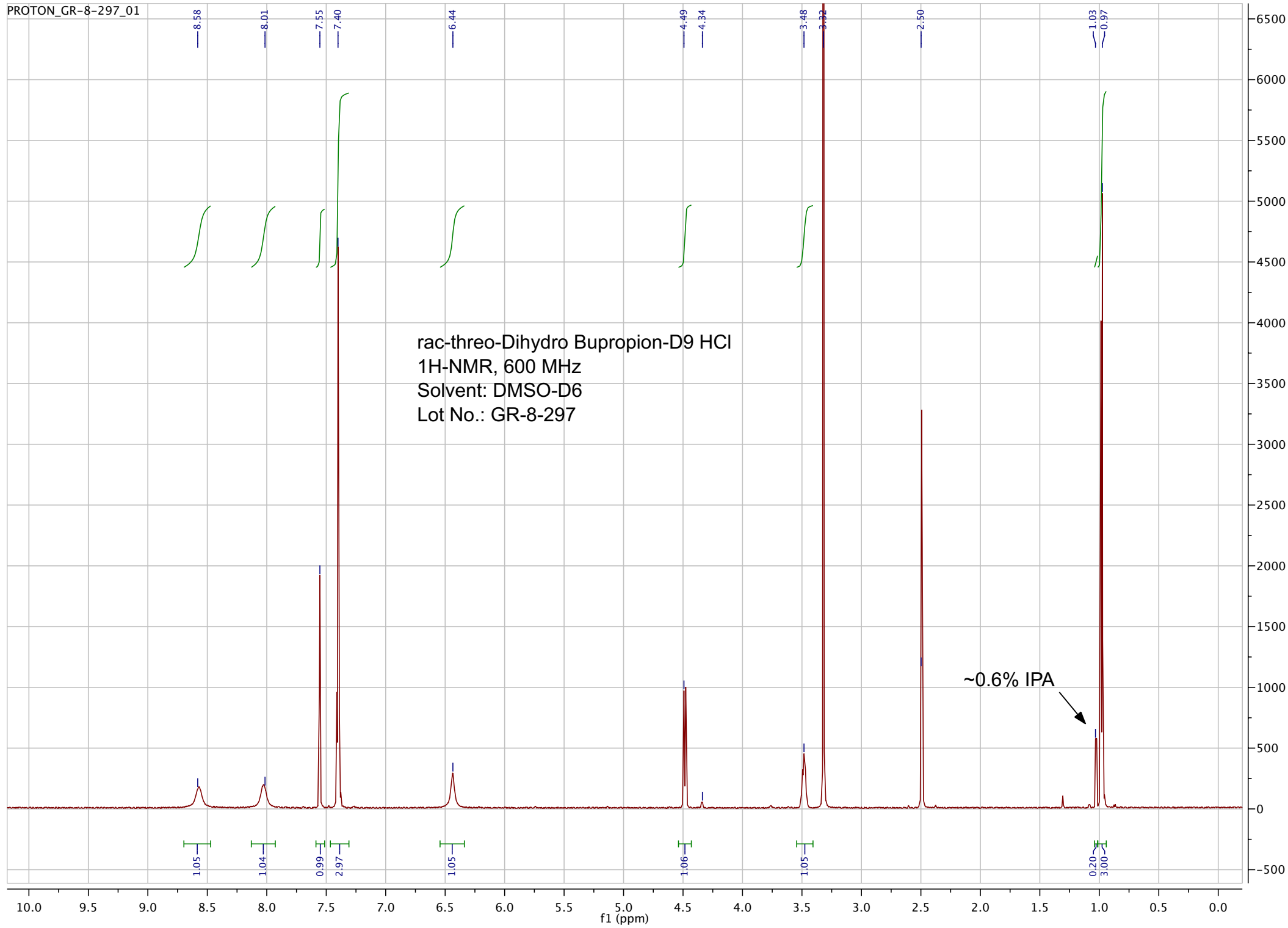
Name:	<i>rac-threo</i> -Dihydro Bupropion-D9 Hydrochloride
Lot#:	GR-8-297
Test Date:	02/18/2020 (re-test date:02/18/2025)
CAS No.:	80478-42-8 (unlabeled)
MF:	C ₁₃ H ₁₂ D ₉ Cl ₂ NO
MW:	287.27
Appearance:	White crystalline solid
Purity:	98.9% by HPLC; 99.5% atom D
¹H-NMR:	Conforms (shows ~0.6% IPA)
MS-ESI (+)	Conforms (shows peaks at m/z = 251.16, 253.17 [M _(free base) +H] ⁺ shows expected isotope pattern for mono-chloro compounds)

Approved by:

Date: 02/19/2020



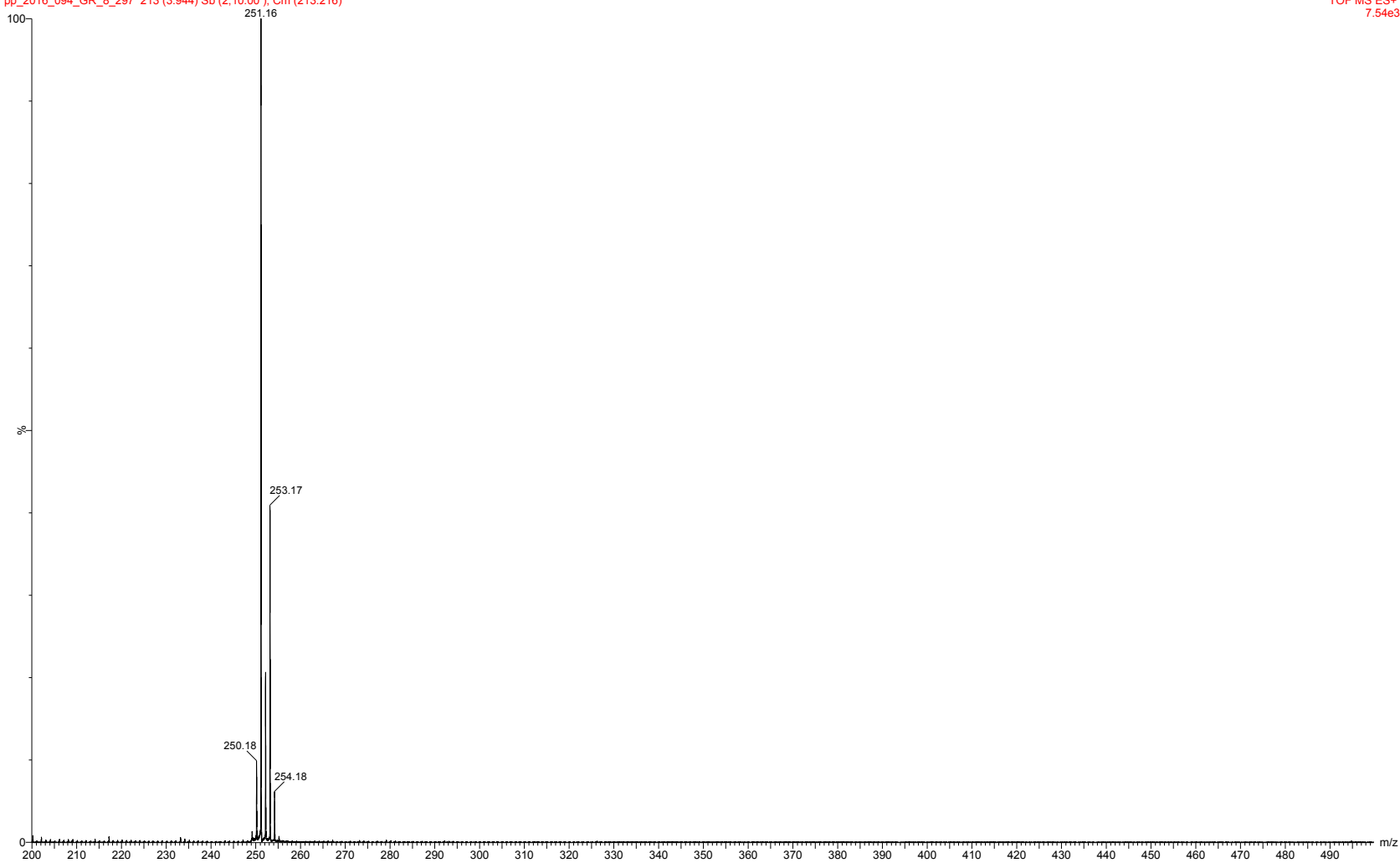
Viorica Rusu, QC/QA Manager



pp_2016_094_GR_8_297 213 (3.944) Sb (2,10.00); Cm (213:216)

7.00000000

09-Sep-2016, 12:37:46
TOF MS ES+
7.54e3

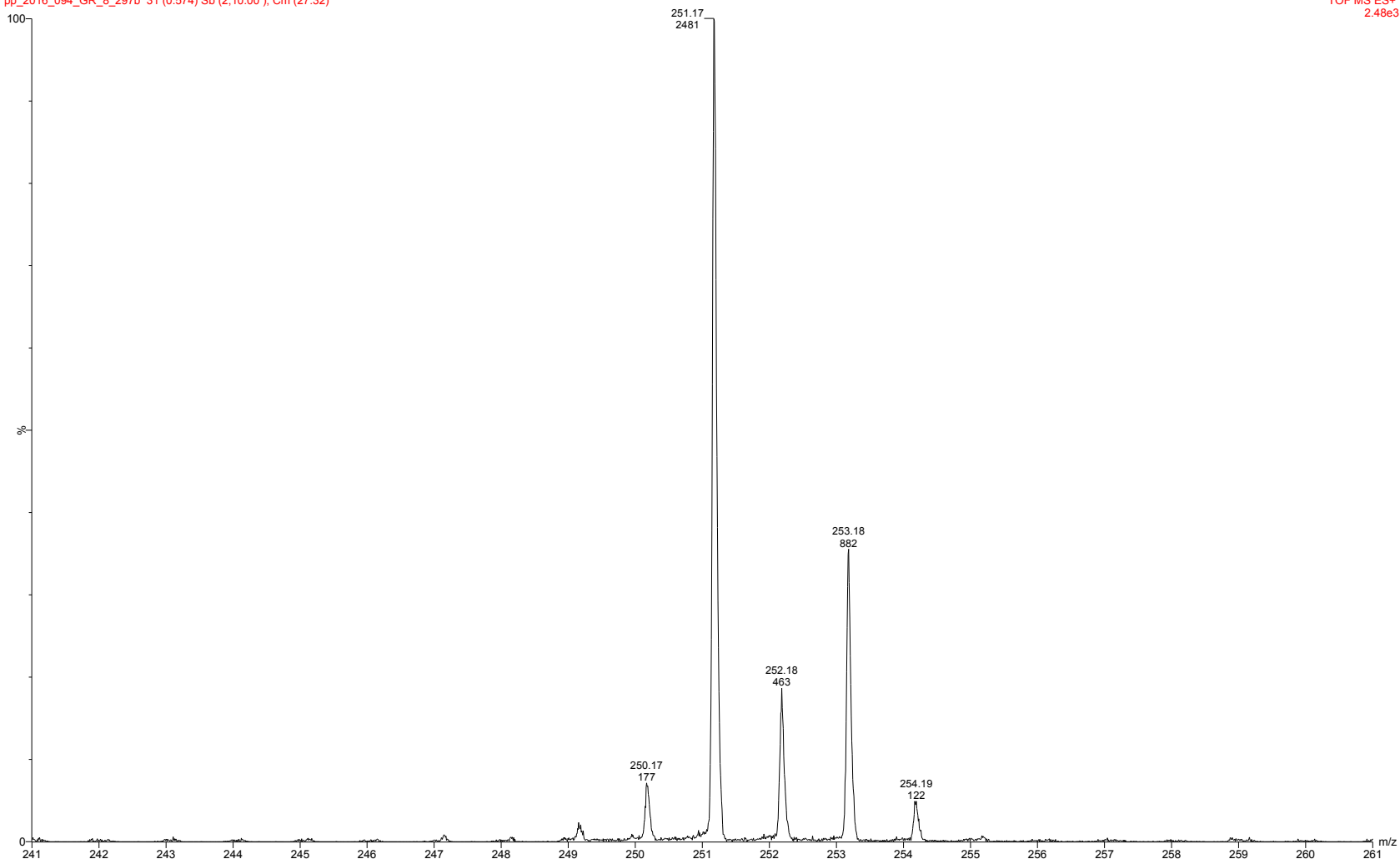


ESI-MS spectrum for sample GR-8-297. Shows monoisotopic [M+H]⁺ mass.

pp_2016_094_GR_8_297b 31 (0.574) Sb (2,10.00) ; Cm (27:32)

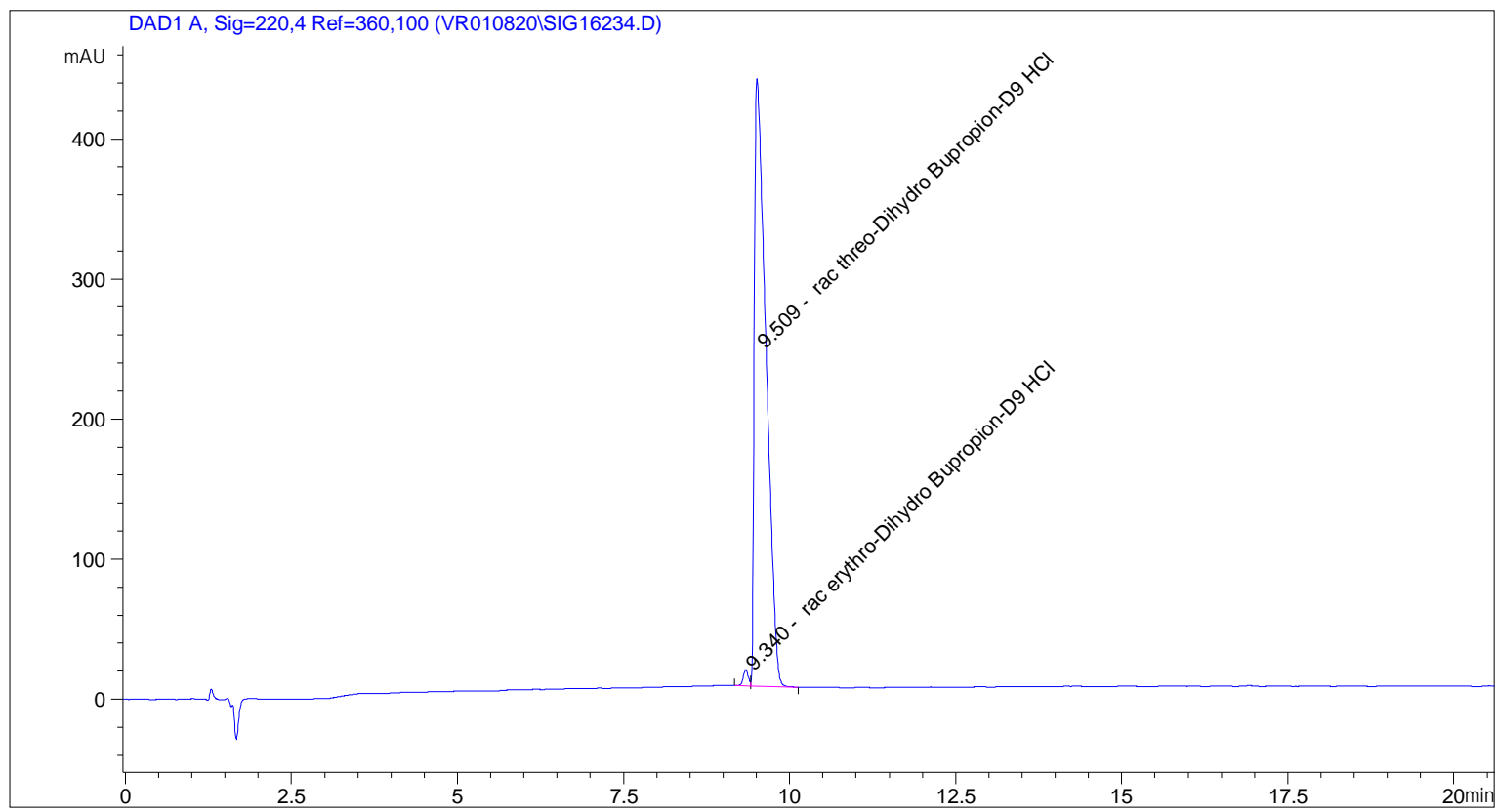
7.00000000

09-Sep-2016, 12:43:05
TOF MS ES+
2.48e3



Expansion of the above.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 9
Injection Date : 2/18/2020 8:43:20 AM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR021820_297.M
Last changed : 2/18/2020 8:42:14 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR021820_297_PM.M
Last changed : 2/18/2020 9:31:52 AM by vrusu
Sample Info : Zorbax Eclipse XDB-C18, 4.6x150mm, 3.5µm



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : Tuesday, February 18, 2020 9:31:42 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=220,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	9.340	BV	0.0816	60.87033	1.1374	rac erythro-Dihydro Bupropion-D9 HCl
2	9.509	VB	0.1862	5290.90332	98.8626	rac threo-Dihydro Bupropion-D9 HCl

Totals : 5351.77365

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*** End of Report ***