

<b>Name:</b>	<i>rac-erythro-Dihydro Bupropion-D9 Hydrochloride</i>
<b>Lot#:</b>	GR-8-073
<b>Test Date:</b>	02/18/2020 (re-test date:02/18/2025)
<b>CAS No.:</b>	80478-43-9 (unlabeled)
<b>MF:</b>	C <sub>13</sub> H <sub>12</sub> D <sub>9</sub> Cl <sub>2</sub> NO
<b>MW:</b>	287.27
<b>Appearance:</b>	White crystalline solid
<b>Purity:</b>	100% by HPLC; 99.5% atom D
<b><sup>1</sup>H-NMR:</b>	Conforms
<b>MS-ESI (+)</b>	Conforms (shows peaks at m/z = 251.18, 253.18 [M <sub>(free base)</sub> +H] <sup>+</sup> shows expected isotope pattern for mono-chloro compounds)

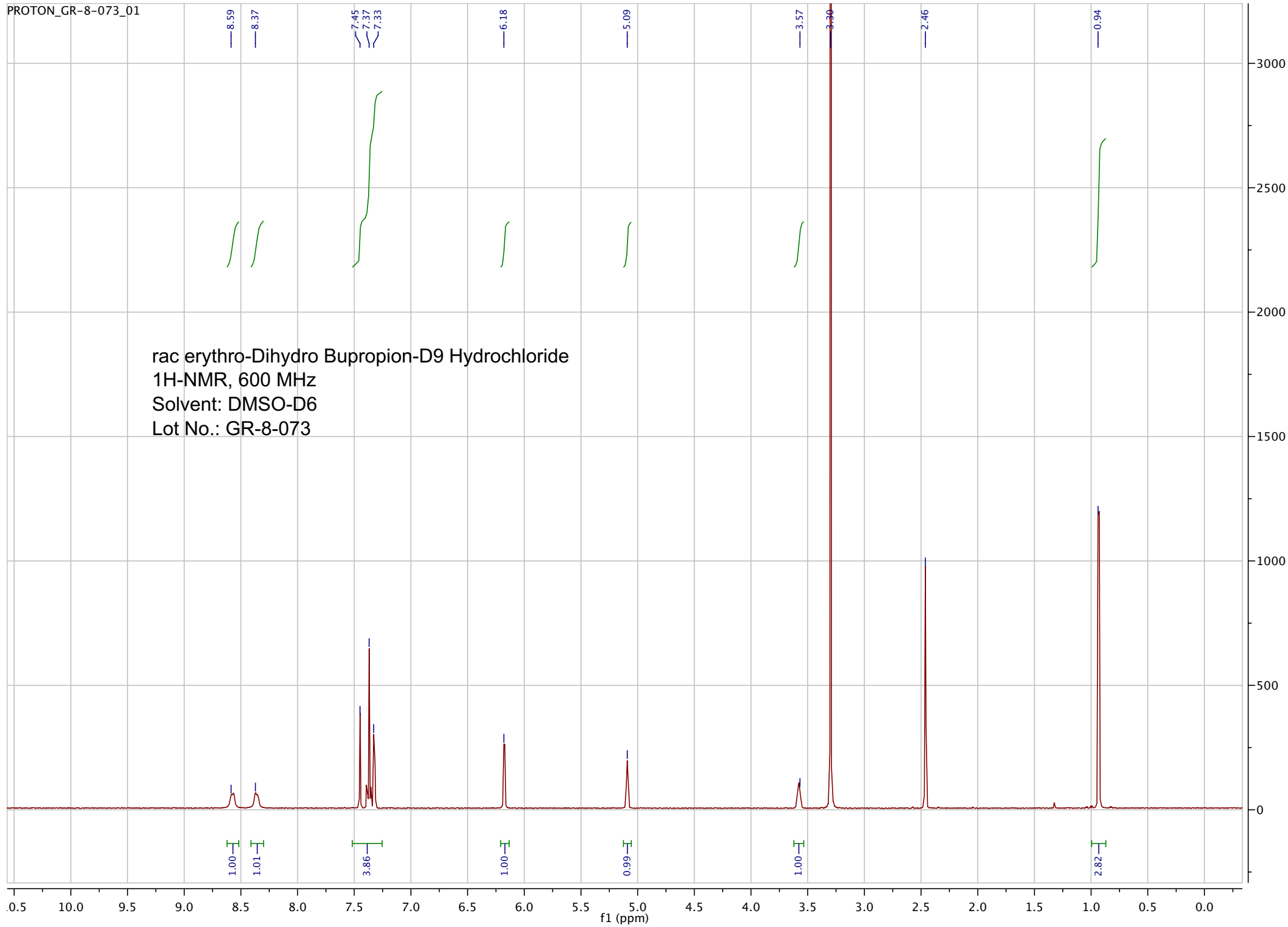
Approved by:

Date: 02/19/2020



Viorica Rusu, QC/QA Manager

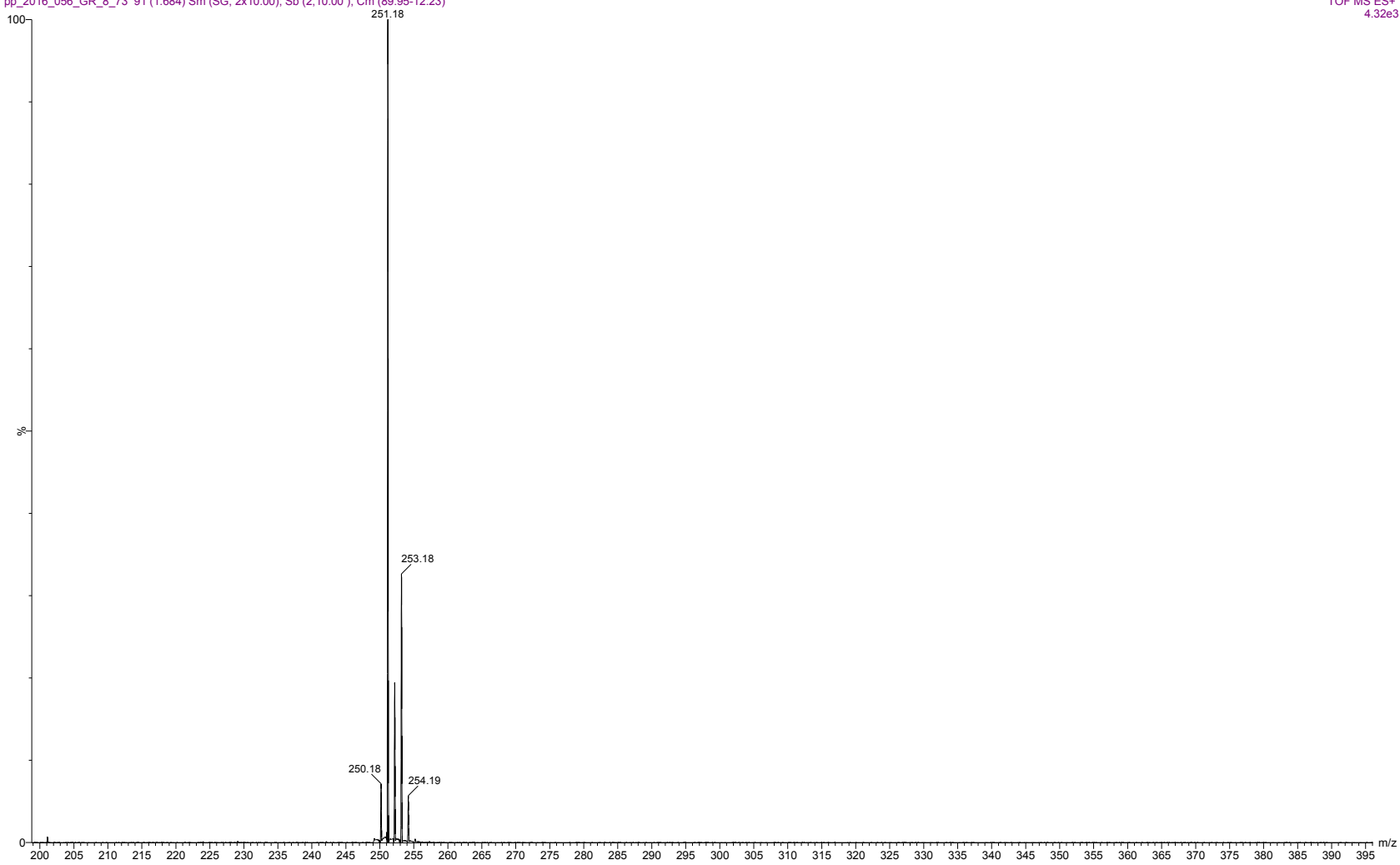
rac erythro-Dihydro Bupropion-D9 Hydrochloride  
1H-NMR, 600 MHz  
Solvent: DMSO-D6  
Lot No.: GR-8-073



pp\_2016\_056\_GR\_8\_73 91 (1.684) Sm (SG, 2x10.00); Sb (2,10.00); Cm (89-95-12:23)

7.00000000

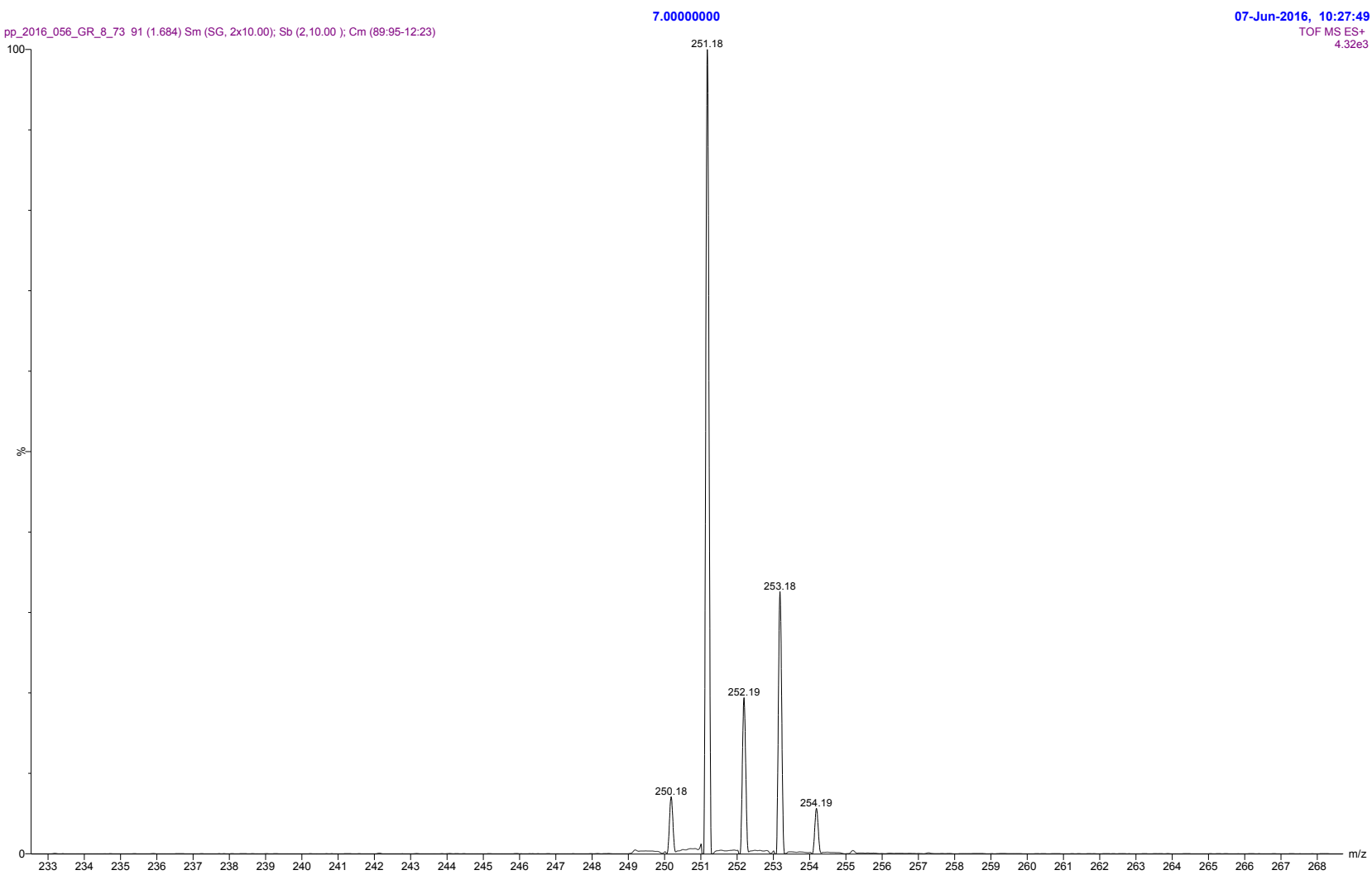
07-Jun-2016, 10:27:49  
TOF MS ES+  
4.32e3



ESI-MS Spectrum for sample GR-8-073. Shows monoisotopic [M+H]<sup>+</sup> mass.

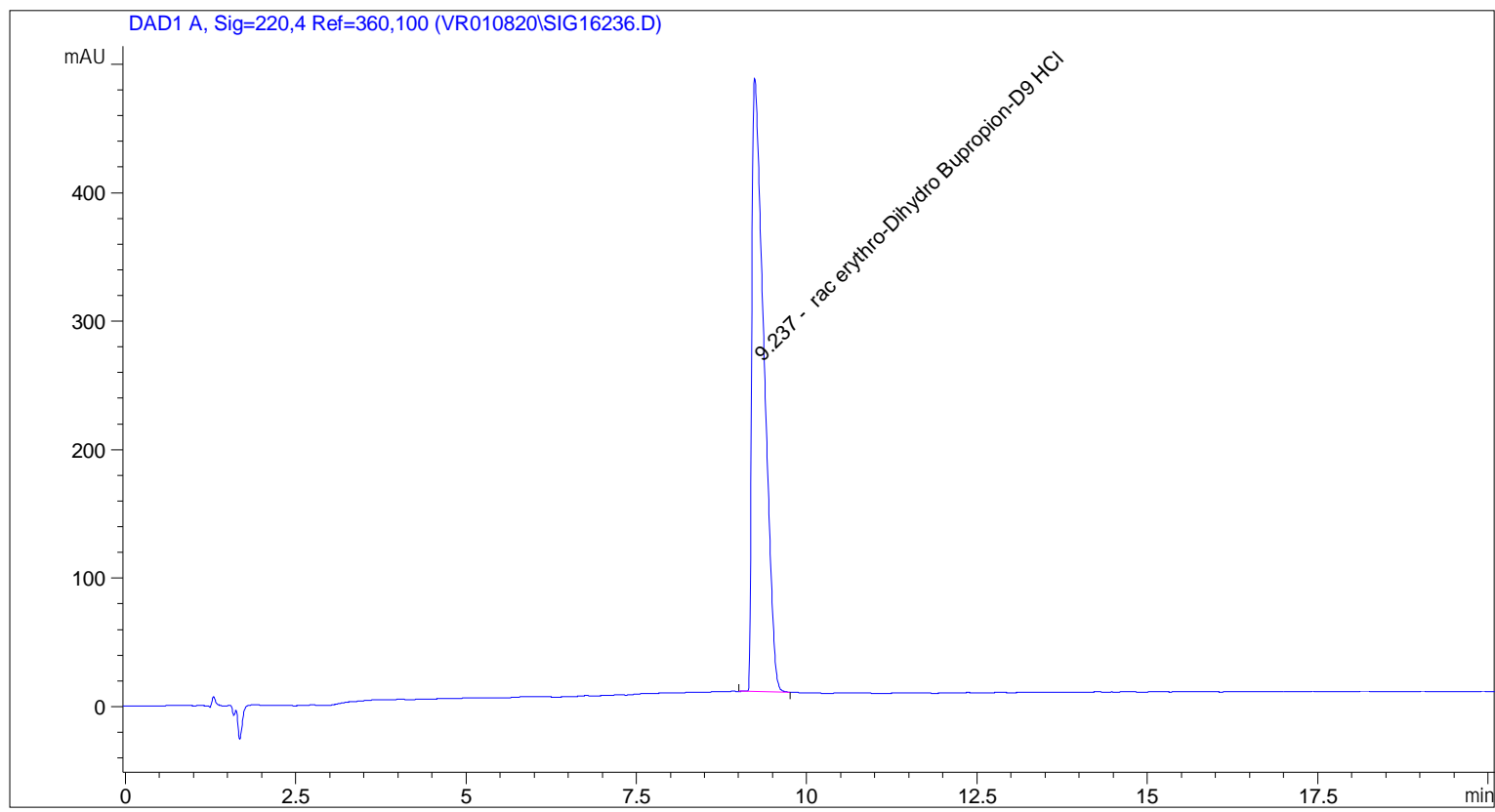
pp\_2016\_056\_GR\_8\_73 91 (1.684) Sm (SG, 2x10.00); Sb (2,10.00 ); Cm (89:95-12:23)

07-Jun-2016, 10:27:49  
TOF MS ES+  
4.32e3



Expansion of above.

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Acq. Operator : vrusu  
Acq. Instrument : Instrument 1 Location : Vial 11  
Injection Date : 2/18/2020 10:03:17 AM Inj Volume : 10.0 µl  
Acq. Method : C:\CHEM32\1\METHODS\VR021820\_073.M  
Last changed : 2/18/2020 10:01:56 AM by vrusu  
Analysis Method : C:\CHEM32\1\METHODS\VR021820\_073\_PM.M  
Last changed : 2/18/2020 10:28:11 AM by vrusu  
Sample Info : Zorbax Eclipse XDB-C18, 4.6x150mm, 3.5um



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Area Percent Report  
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Sorted By : Signal  
Calib. Data Modified : 2/18/2020 10:27:51 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	9.237	BB	0.1879	5887.67529	100.0000	rac erythro-Dihydro Bupropion-D9 HCl

Totals : 5887.67529

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