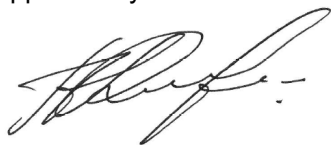


Name:	3-Methoxy Clofentezine
Lot#:	GR-14-241
Test Date:	10/07/2020 (re-test date: 10/07/2025)
CAS No.:	NA
MF:	C ₁₅ H ₁₀ Cl ₂ N ₄ O
MW:	333.18
Appearance:	Magenta solid
Purity:	98.2% by HPLC (average of two sample preparations)
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peaks at m/z = 333.03, 334.03, 335.03 & 336.03 [M+H] ⁺ exhibits the expected isotope pattern for dichloro-compounds)
Storage	Long term store at 0 - 5° C in a dry place away from direct sunlight

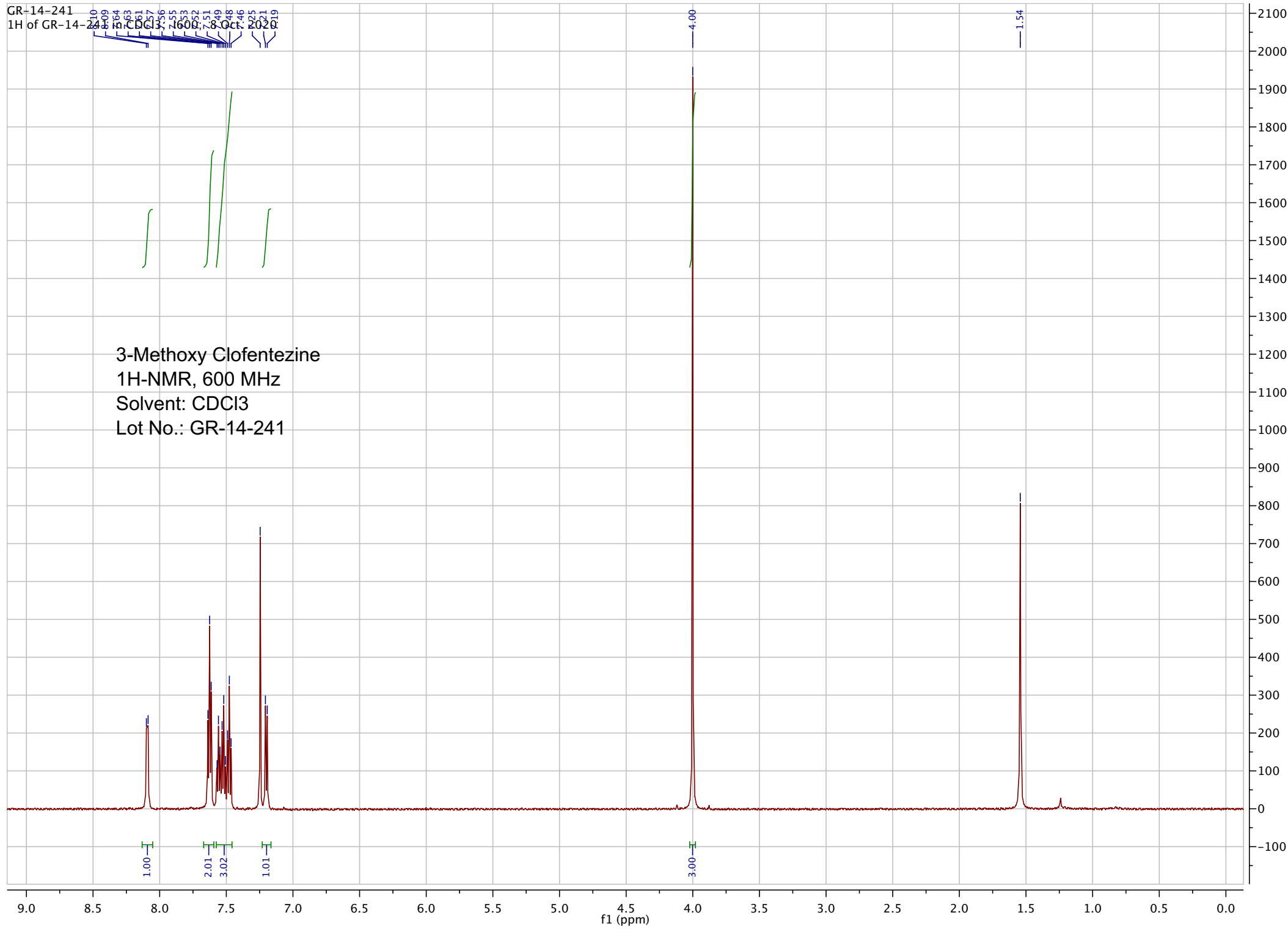
Approved by:

Date: 10/08/2020

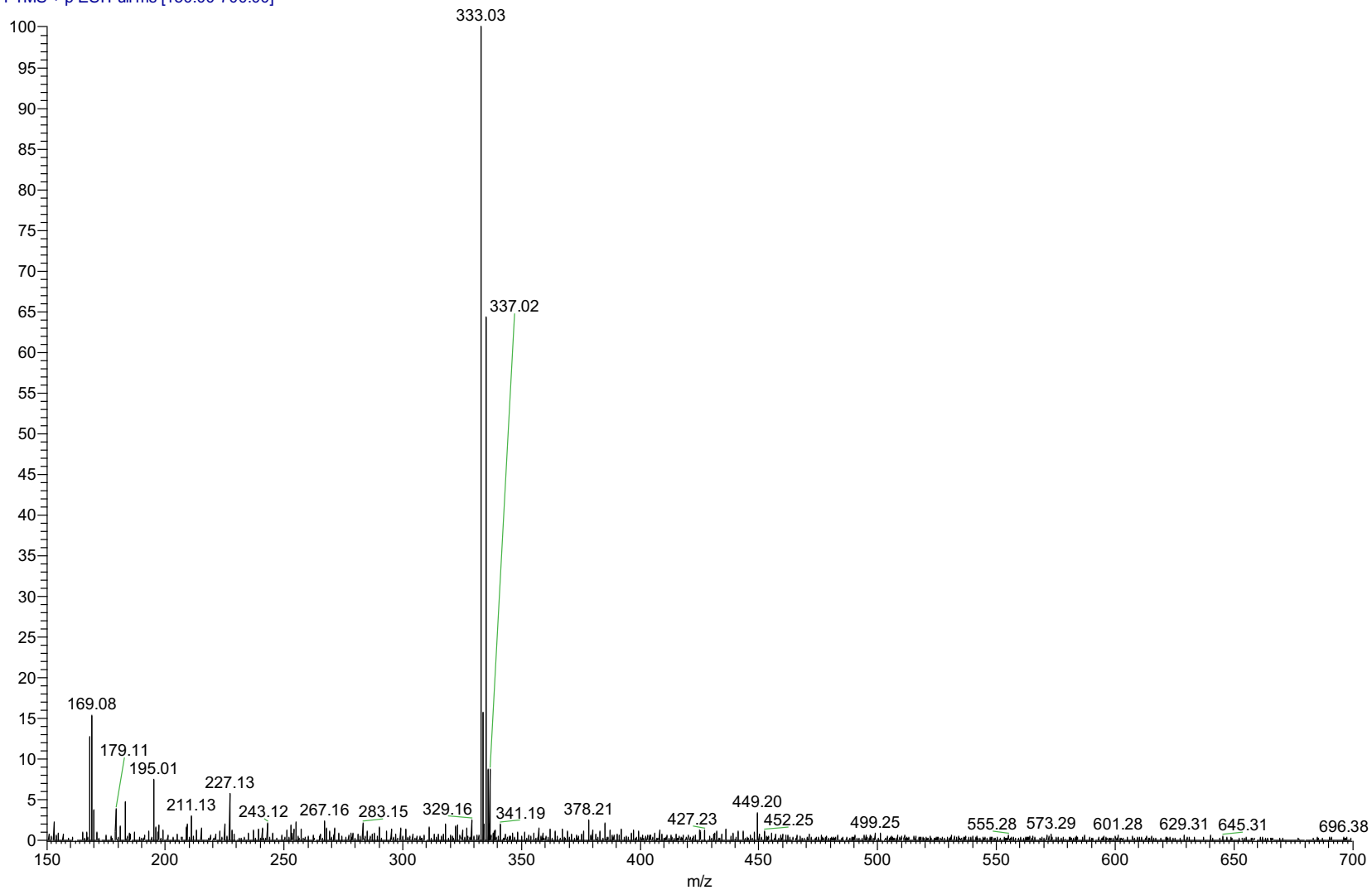


Viorica Rusu, QC/QA Manager

GR-14-241
1H of GR-14-241 in CDCl3, 600 MHz, 8 Oct, 2020

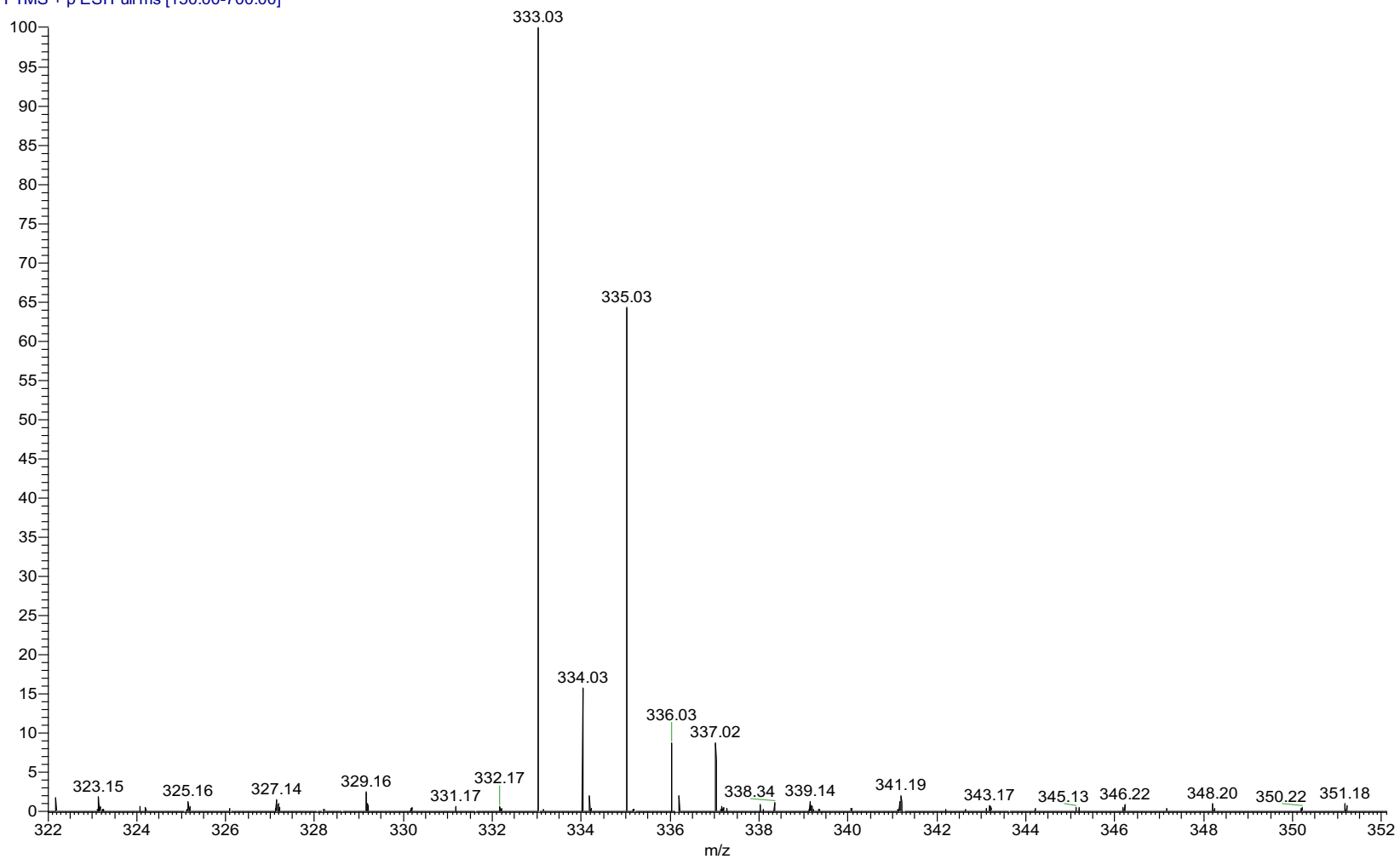


pp_2020_016_GR14241_001_306 RT 2.20 AV 1 NL 2.29E7
T: FTMS + p ESI Full ms [150.00-700.00]



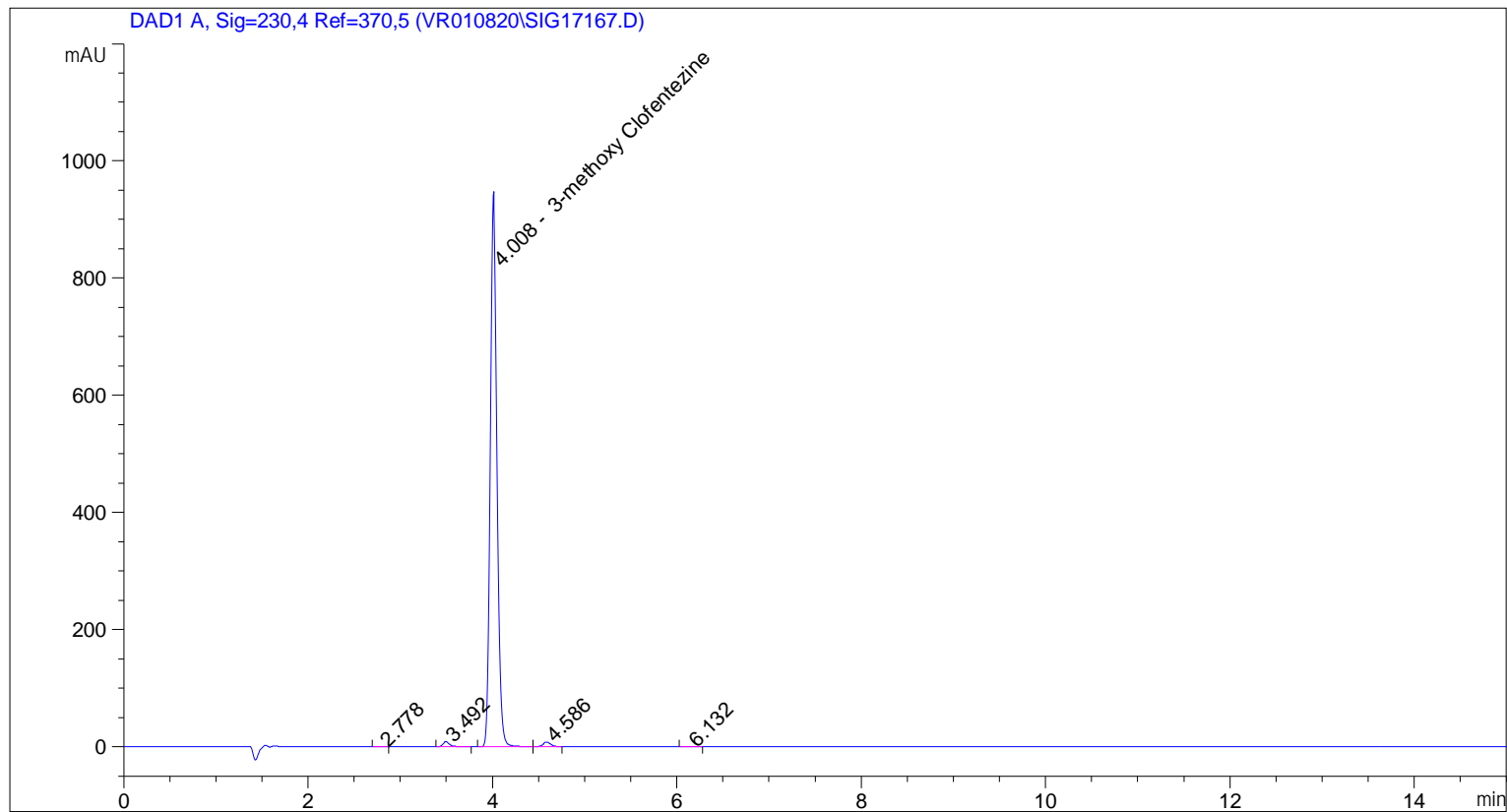
ESI-MS spectrum for sample GR-14-241. Shows monoisotopic [M+H]⁺ mass.

pp_2020_016_GR14241_001_306_RT_2.20_AV_1_NL_2.29E7
T: FTMS + p ESI Full ms [150.00-700.00]



Expansion of above.

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 50
Injection Date : 10/7/2020 1:10:33 PM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR100720_241.M
Last changed : 10/7/2020 1:09:23 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR100720_241PM.M
Last changed : 10/7/2020 2:24:04 PM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 10/7/2020 2:21:29 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=230,4 Ref=370,5

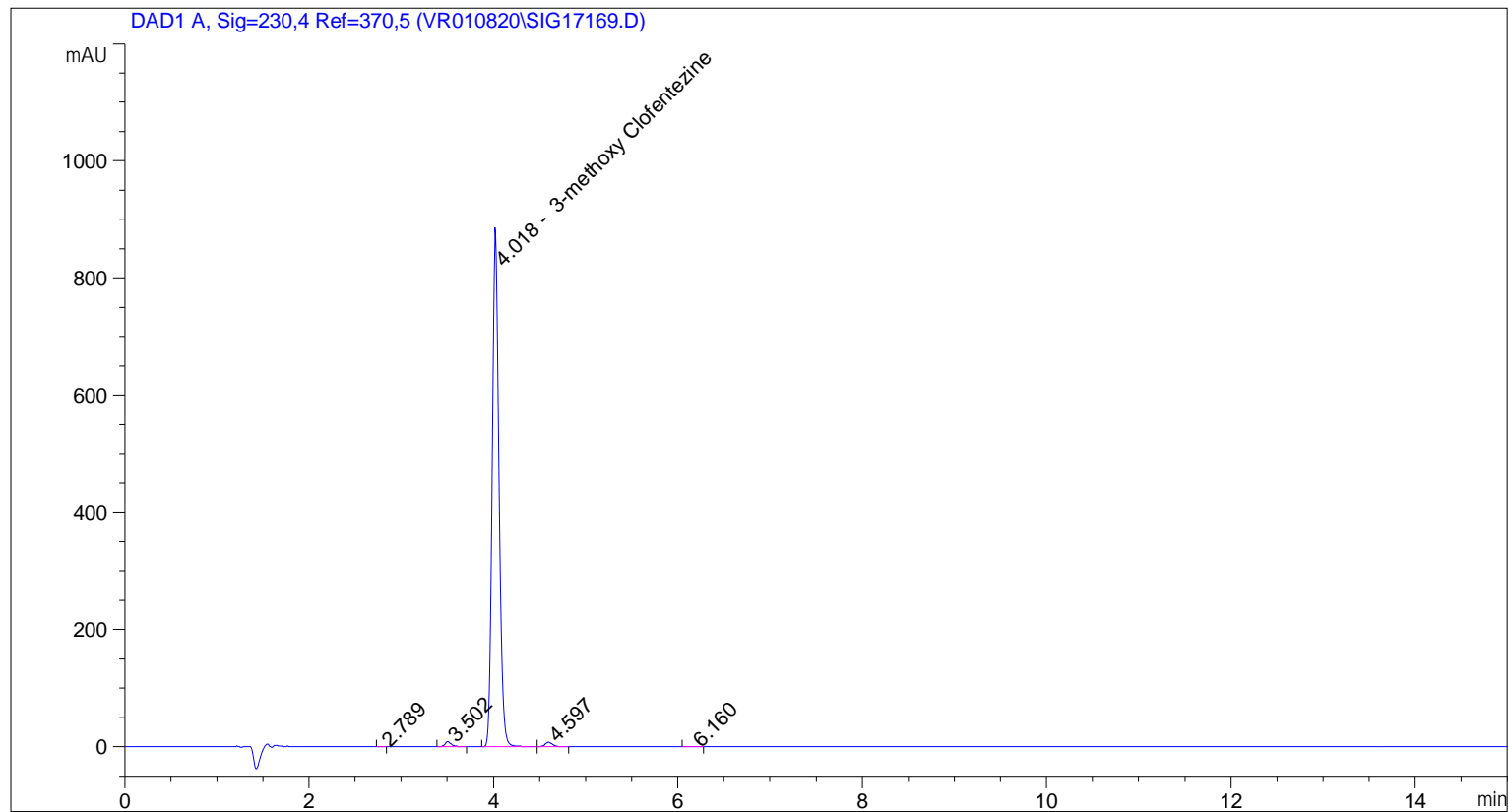
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.778	BB	0.0613	9.94110e-1	0.0197	?
2	3.492	BB	0.0765	45.17765	0.8957	?
3	4.008	BV	0.0808	4948.96338	98.1226	3-methoxy Clofentazine
4	4.586	VB	0.0867	45.67282	0.9056	?
5	6.132	BB	0.1031	2.84386	0.0564	?

Totals : 5043.65181

=====

*** End of Report ***

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 51
Injection Date : 10/7/2020 1:46:45 PM Inj Volume : 20.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR100720_241.M
Last changed : 10/7/2020 1:45:38 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR100720_241PM.M
Last changed : 10/7/2020 2:24:04 PM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 10/7/2020 2:21:29 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=230,4 Ref=370,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.789	BB	0.0610	4.19044e-1	8.707e-3	?
2	3.502	BB	0.0783	43.54544	0.9048	?
3	4.018	BV	0.0821	4725.20361	98.1828	3-methoxy Clofentazine
4	4.597	VB	0.0888	41.07523	0.8535	?
5	6.160	BB	0.0943	2.41380	0.0502	?

Totals : 4812.65713

=====

*** End of Report ***