

Name:	rac-O-Desmethyl Venlafaxine-D6
Lot#:	GR-9-259
Test Date:	11/16/2022 (re-test date: 11/16/2027)
CAS No.:	1062605-69-9
MF:	C ₁₆ H ₁₉ D ₆ NO ₂
MW:	269.41
Appearance:	White solid
Purity:	99.8% HPLC (average of two sample preparations); 99% atom D
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 270.22 [M+H] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

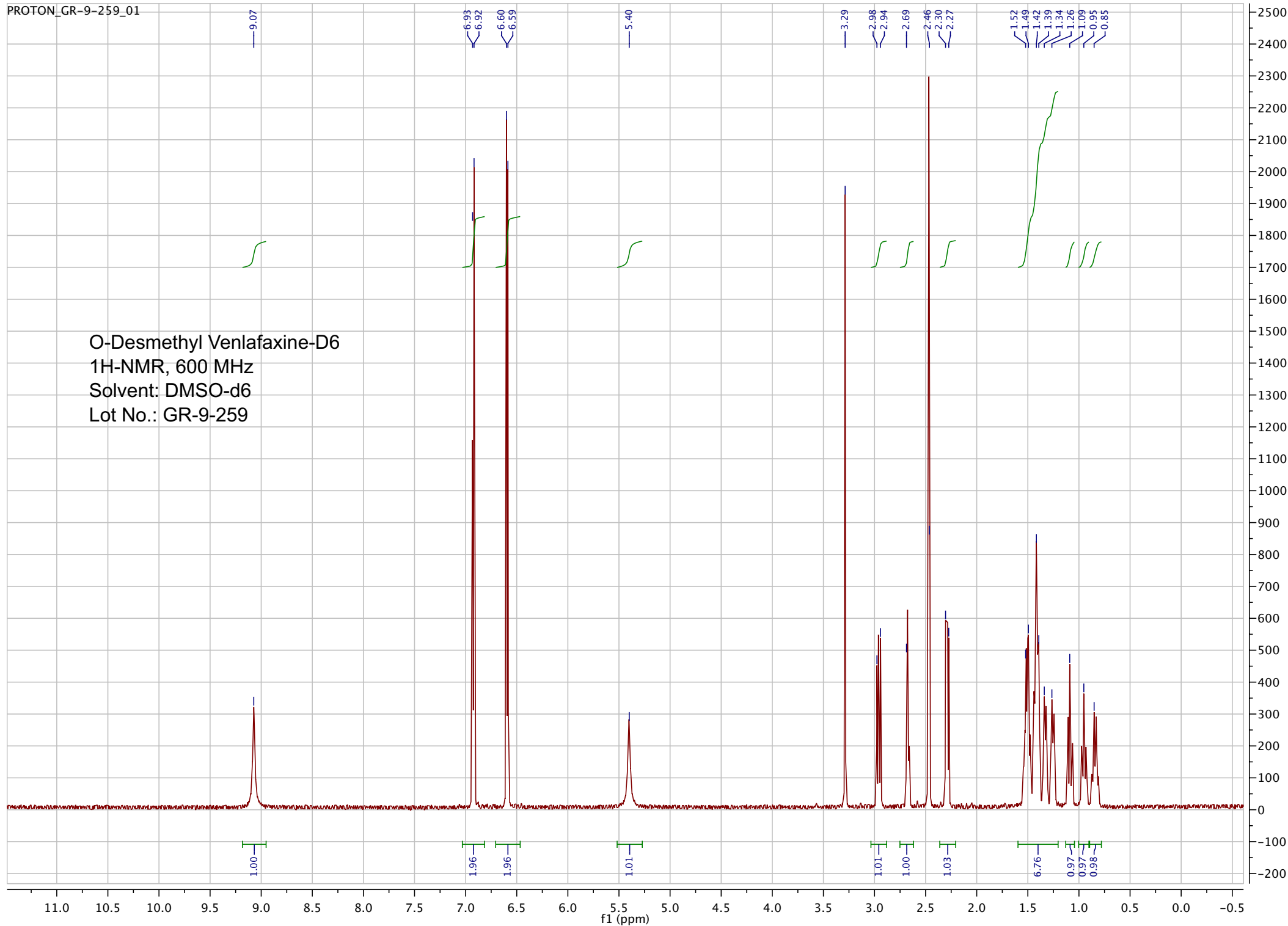
Approved by:

Date: 11/16/2022



Viorica Rusu, QC/QA Manager

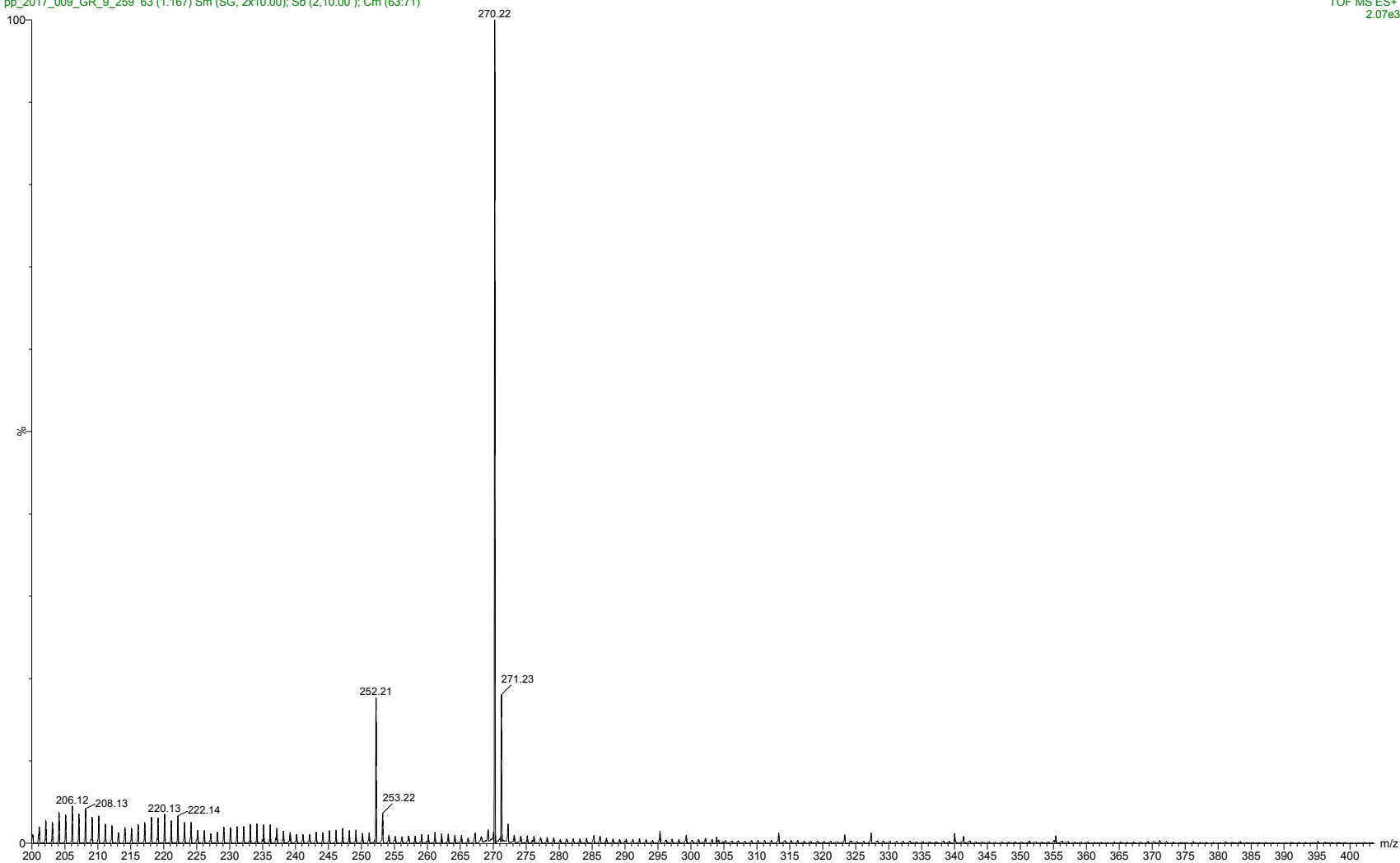
O-Desmethyl Venlafaxine-D6
1H-NMR, 600 MHz
Solvent: DMSO-d6
Lot No.: GR-9-259



pp_2017_009_GR_9_259 63 (1.167) Sm (SG, 2x10.00); Sb (2,10.00); Cm (63:71)

7.0000000

TOF MS ES+
2.07e3

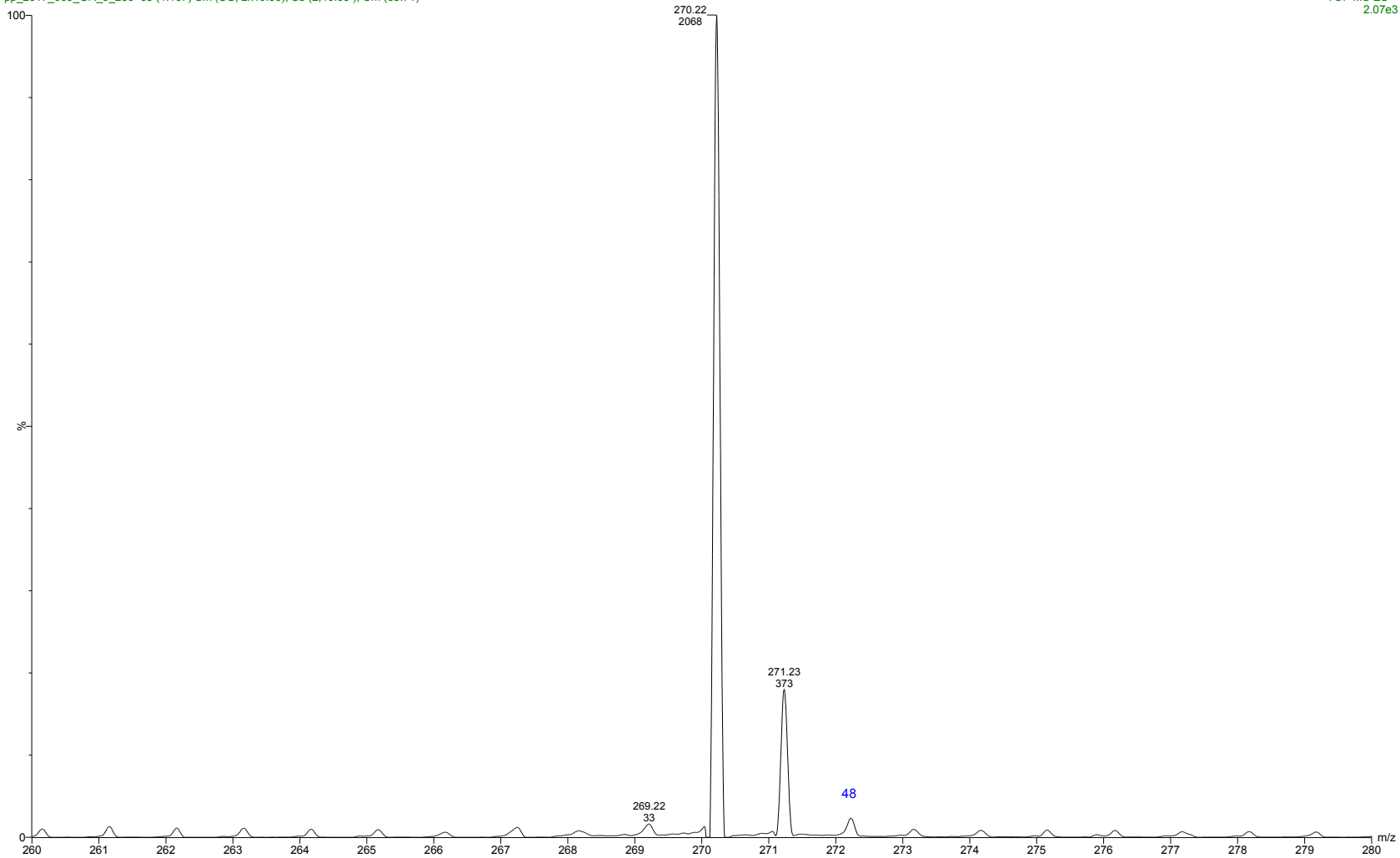


ESI-MS spectrum for sample GR-9-259. Show s monoisotopic [M+H]⁺ mass.

pp_2017_009_GR_9_259 63 (1.167) Sm (SG, 2x10.00); Sb (2,10.00); Cm (63:71)

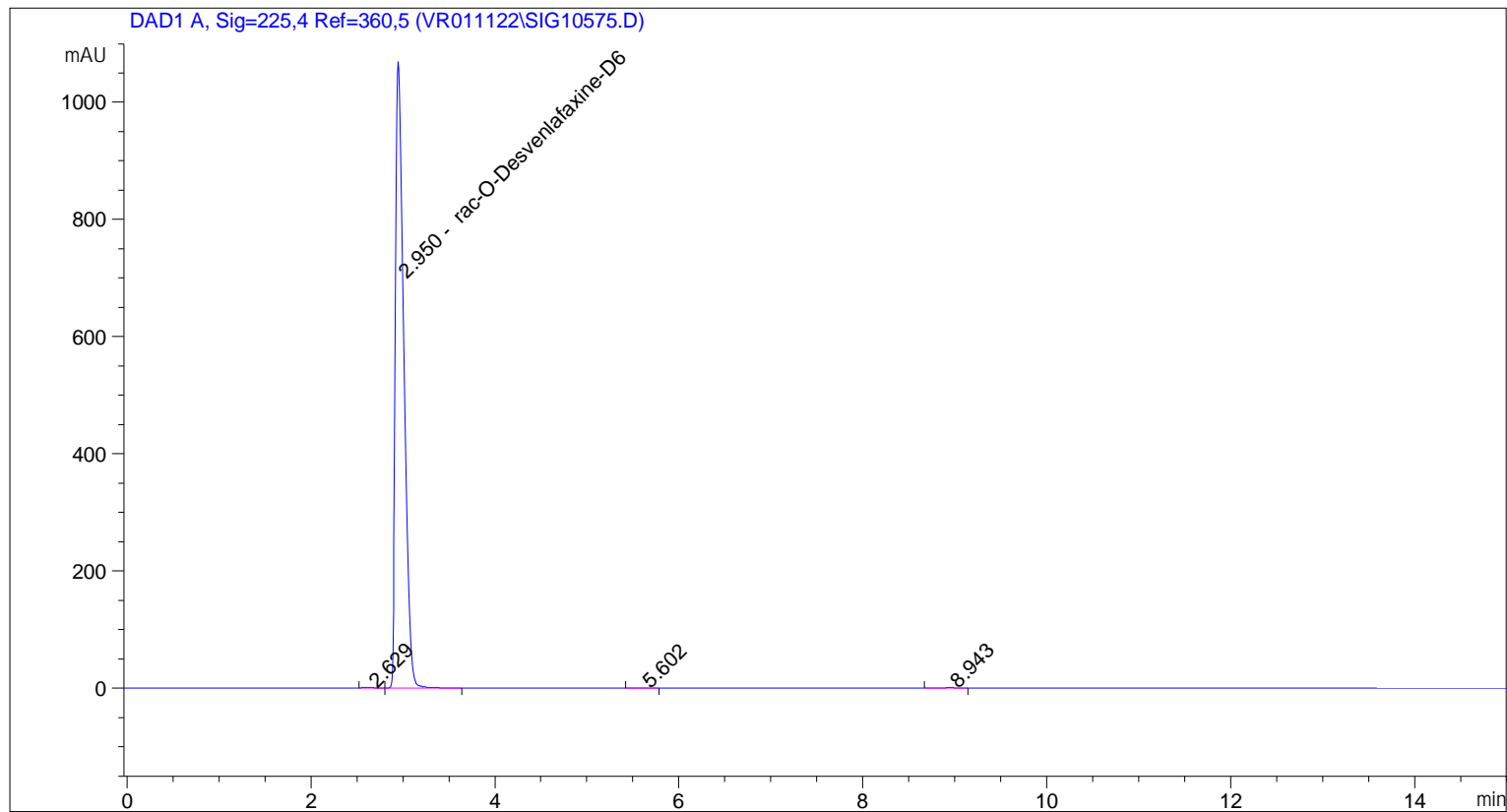
7.0000000

TOF MS ES+
2.07e3



Expansion of above showing intensities.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 11
Injection Date : 11/16/2022 10:30:21 AM Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR111622_259.M
Last changed : 11/16/2022 10:29:17 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR111622_259PM.M
Last changed : 11/16/2022 2:41:34 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 11/16/2022 2:40:33 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=225,4 Ref=360,5

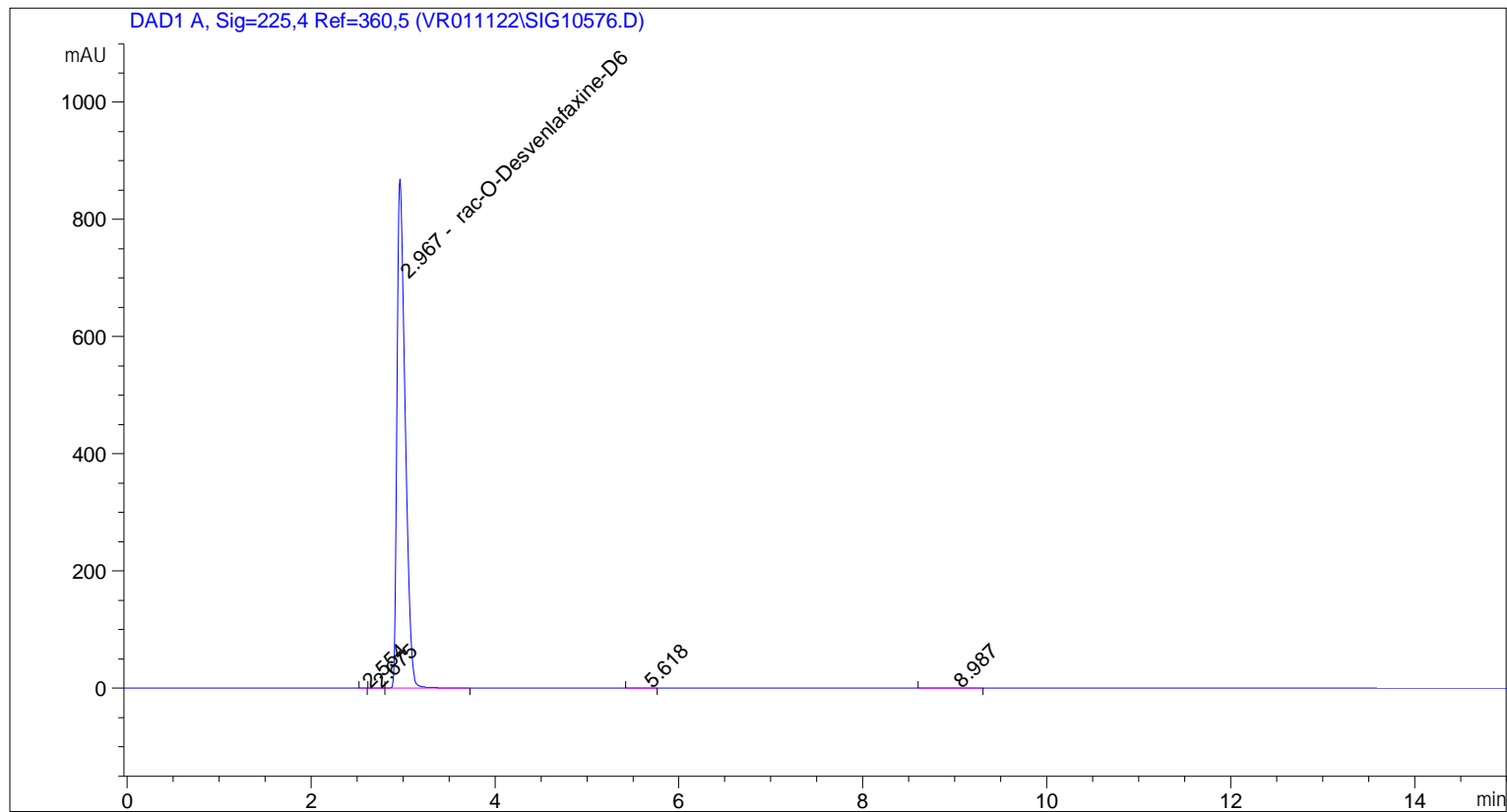
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.629	BB	0.1027	9.08031	0.1334	?
2	2.950	BB	0.0961	6787.43896	99.7313	rac-O-Desvenlafaxine-D6
3	5.602	BB	0.1329	1.59616	0.0235	?
4	8.943	VV	0.1739	7.61358	0.1119	?

Totals : 6805.72903

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*** End of Report ***

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 12
Injection Date : 11/16/2022 10:47:13 AM Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR111622_259.M
Last changed : 11/16/2022 10:46:10 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR111622_259PM.M
Last changed : 11/16/2022 2:41:34 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 11/16/2022 2:40:33 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=225,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.554	BB	0.0461	1.08757	0.0207	?
2	2.675	BV	0.1002	2.13180	0.0406	?
3	2.967	VB	0.0923	5235.42334	99.7872	rac-O-Desvenlafaxine-D6
4	5.618	BV	0.1163	1.42531	0.0272	?
5	8.987	BB	0.1651	6.52256	0.1243	?

Totals : 5246.59058

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*** End of Report ***