

Name: *syn/anti*-17-Desacetyl Norgestimate-2,2,4,6,6,10,16,16-D8

Lot#: GR-6-011

Test Date: 03/14/2020 (re-test date: 03/14/2025)

CAS No.: 53016-31-2 (unlabeled)

MF: C₂₁H₂₁D₈NO₂

MW: 335.52

Appearance: White Solid

Purity: 99.8% by HPLC (sum of *syn*- and *anti*- isomers); >98% atom D

¹H-NMR: Conforms

MS-ESI (+) Conforms (shows peak at m/z = 336.25 [M+H]⁺)

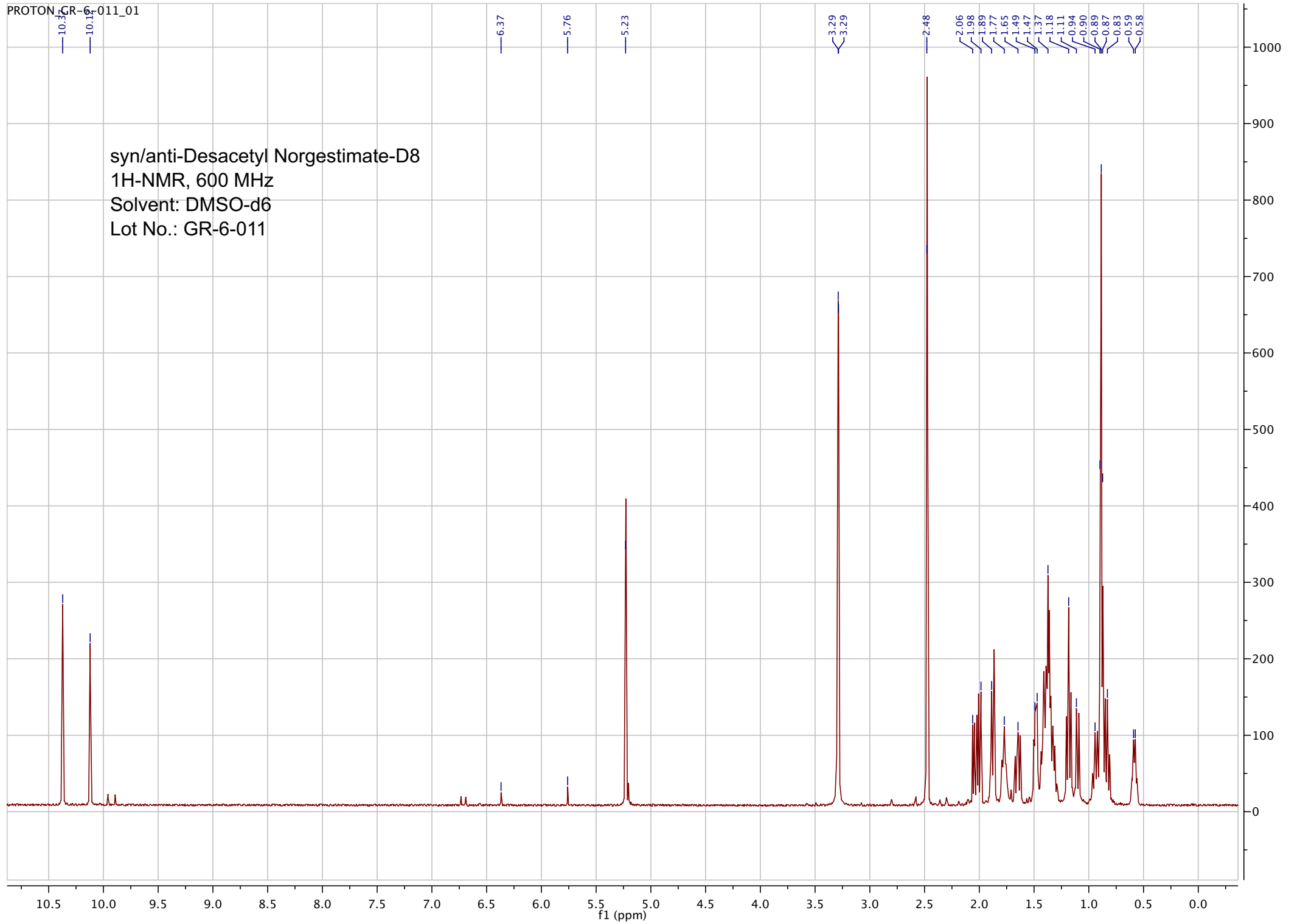
Approved by:

Date: 03/14/2020



Viorica Rusu, QC/QA Manager

syn/anti-Desacetyl Norgestimate-D8
1H-NMR, 600 MHz
Solvent: DMSO-d6
Lot No.: GR-6-011

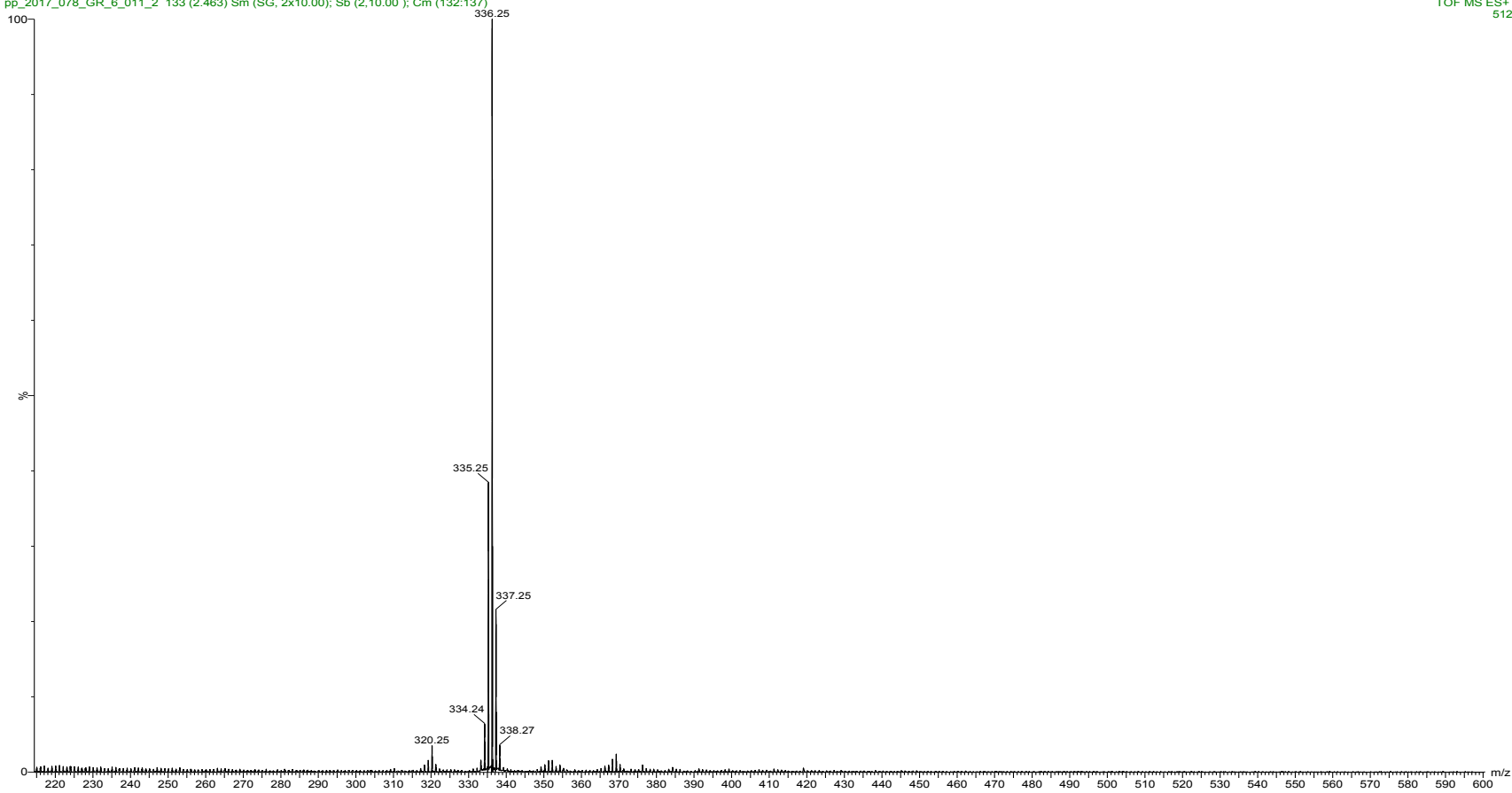


pp_2017_078_GR_6_011_2 133 (2.463) Sm (SG, 2x10.00); Sb (2,10.00); Cm (132:137)

7.00000000

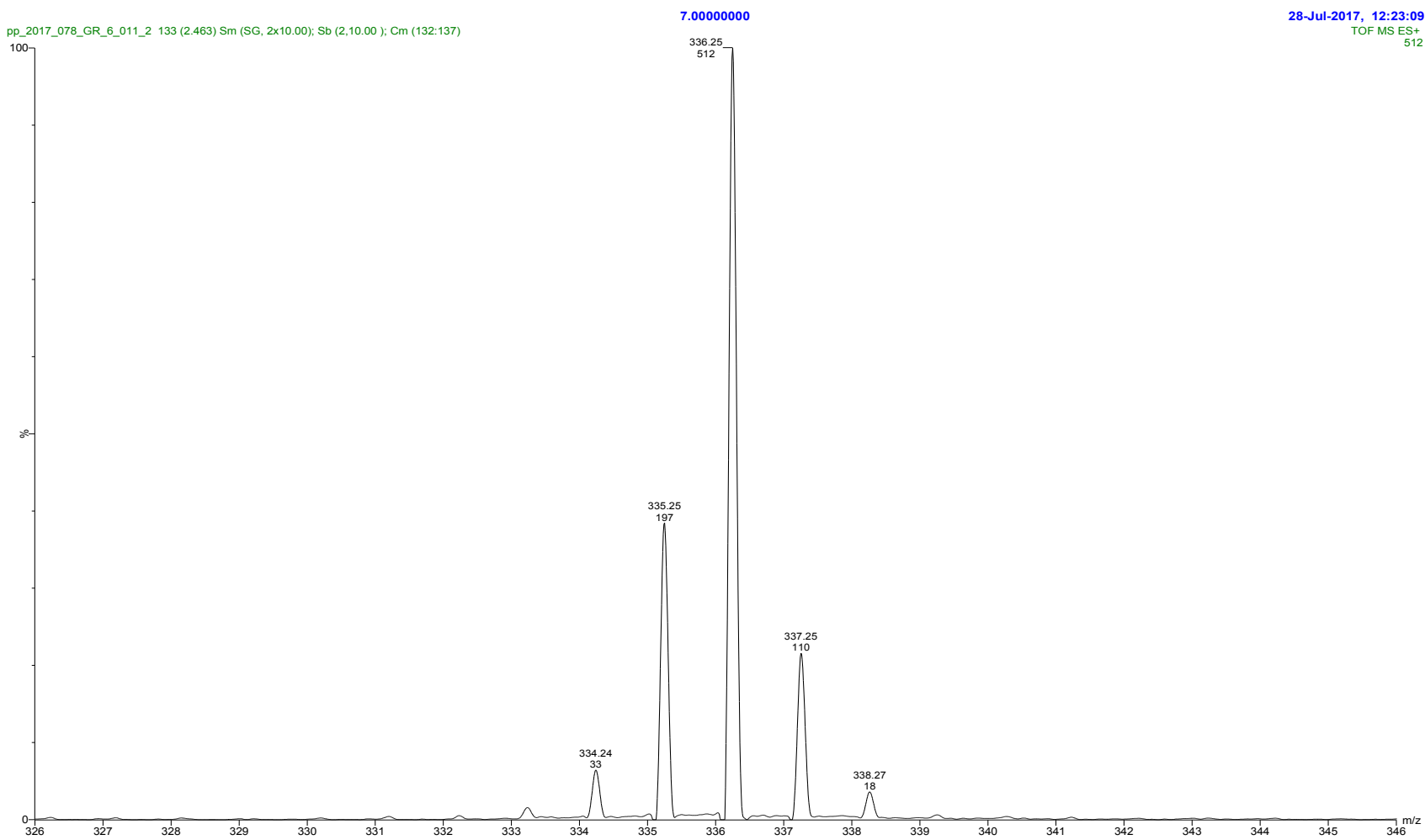
28-Jul-2017, 12:23:09

TOF MS ES+
512



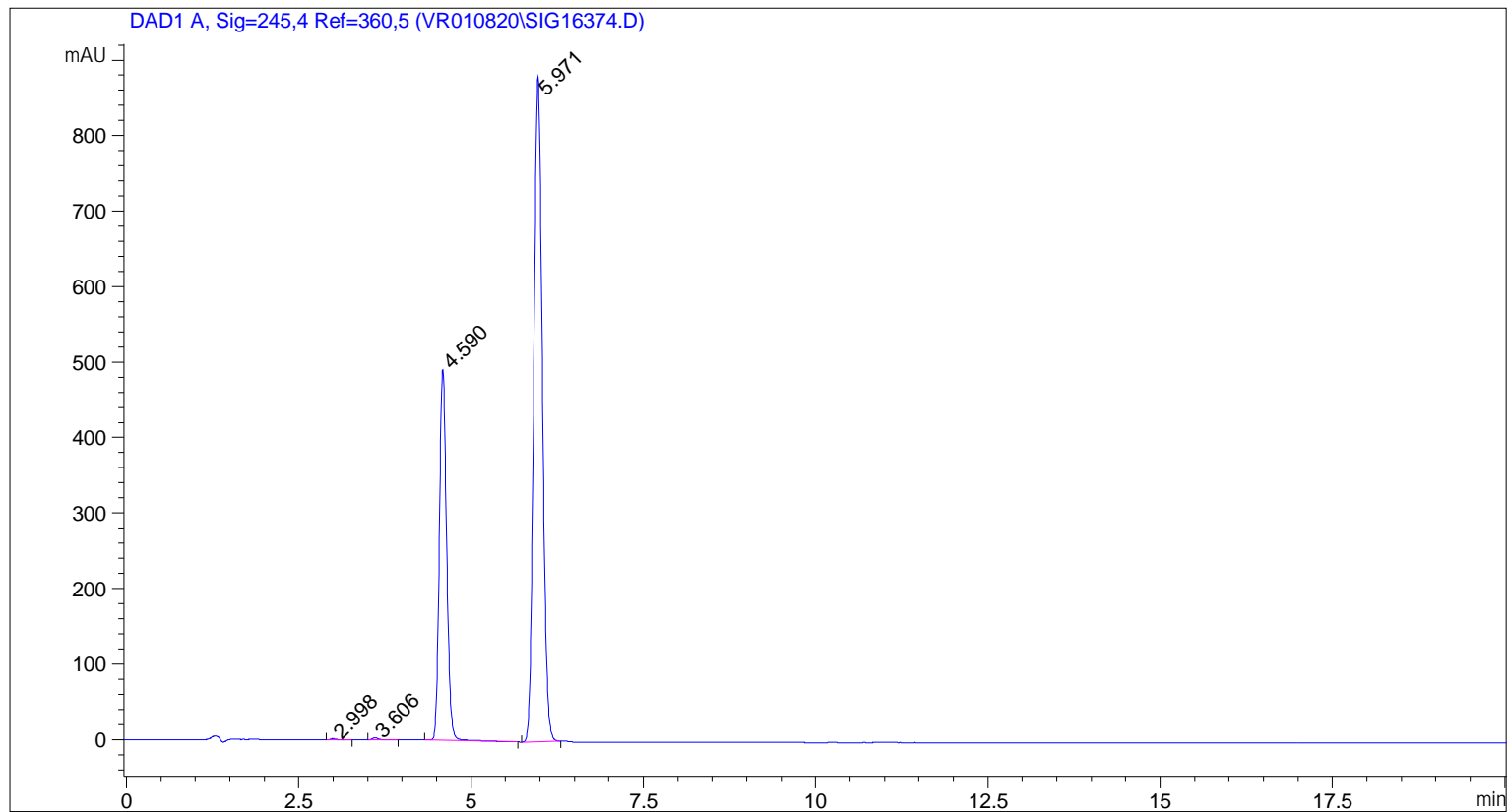
ESI-MS spectrum for GR-6-011. Shows monoisotopic [M+H]⁺ mass.

pp_2017_078_GR_6_011_2 133 (2.463) Sm (SG, 2x10.00); Sb (2,10.00); Cm (132:137)



Expansion of above showing intensity labels.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 87
Injection Date : 3/14/2020 2:41:56 PM Inj Volume : 20.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR031420_011.M
Last changed : 3/14/2020 2:40:39 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR031420_011PM.M
Last changed : 3/14/2020 3:06:51 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=245,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.998	BB	0.0940	8.54595	1.42513	0.0759
2	3.606	BB	0.1008	18.45188	2.87761	0.1639
3	4.590	BB	0.1141	3630.96973	491.98935	32.2440
4	5.971	BB	0.1347	7602.93311	880.49097	67.5162

Totals : 1.12609e4 1376.78305