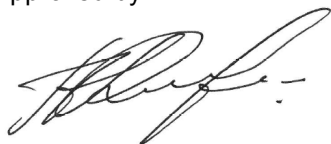


Name: 11-Oxo-Betamethasone-21-Acetate-17-Propionate
Lot#: VR-2-245
Test Date: 02/07/2019 (re-test date: 02/07/2024)
CAS No.: NA
MF: C₂₇H₃₃FO₇
MW: 488.54
Appearance: White Solid
Purity: 99.7% by HPLC
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peaks at m/z = 489.22 [M+H]⁺ and 511.20 [M+Na]⁺)

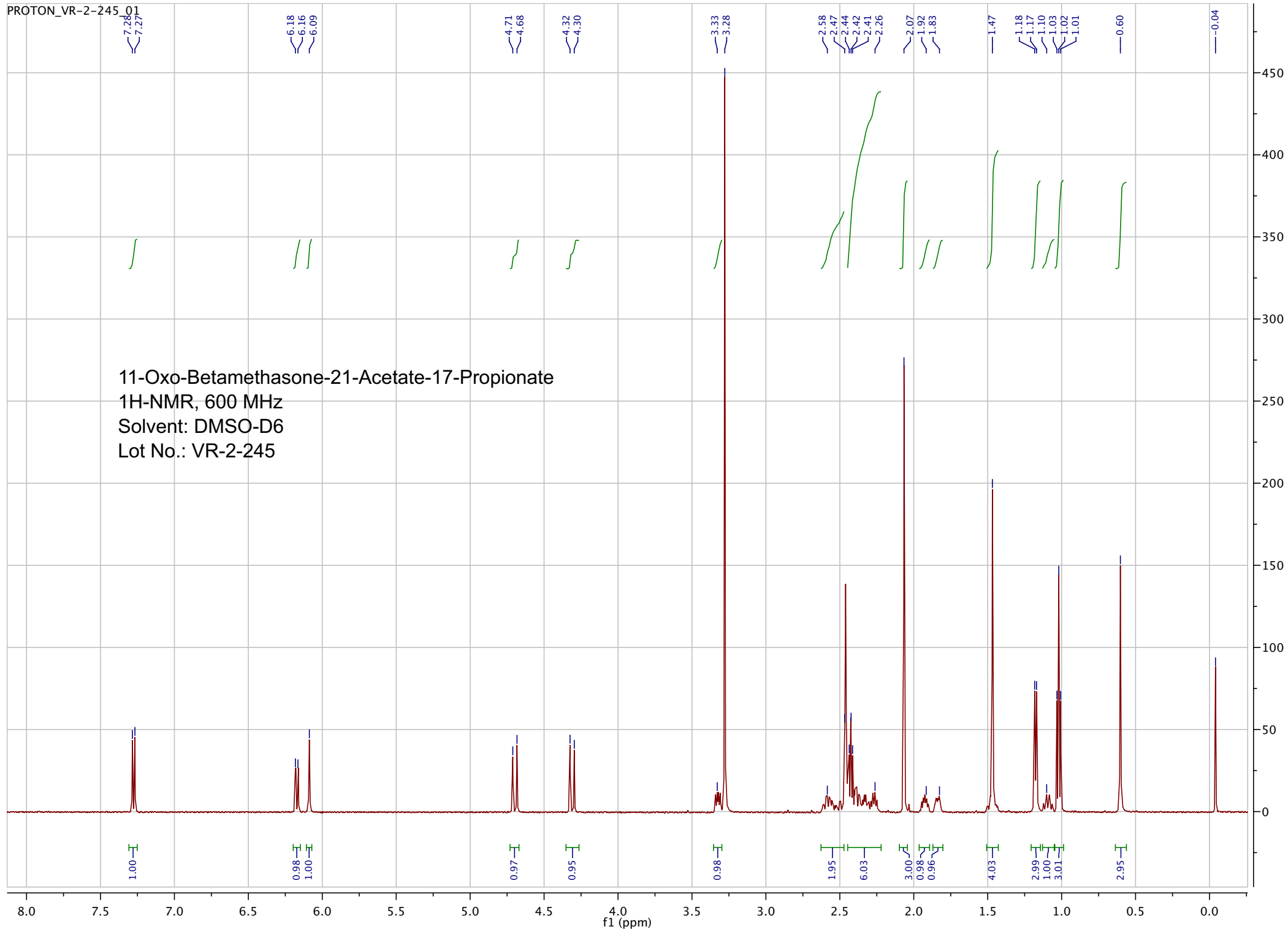
Approved by:

Date: 03/04/2019

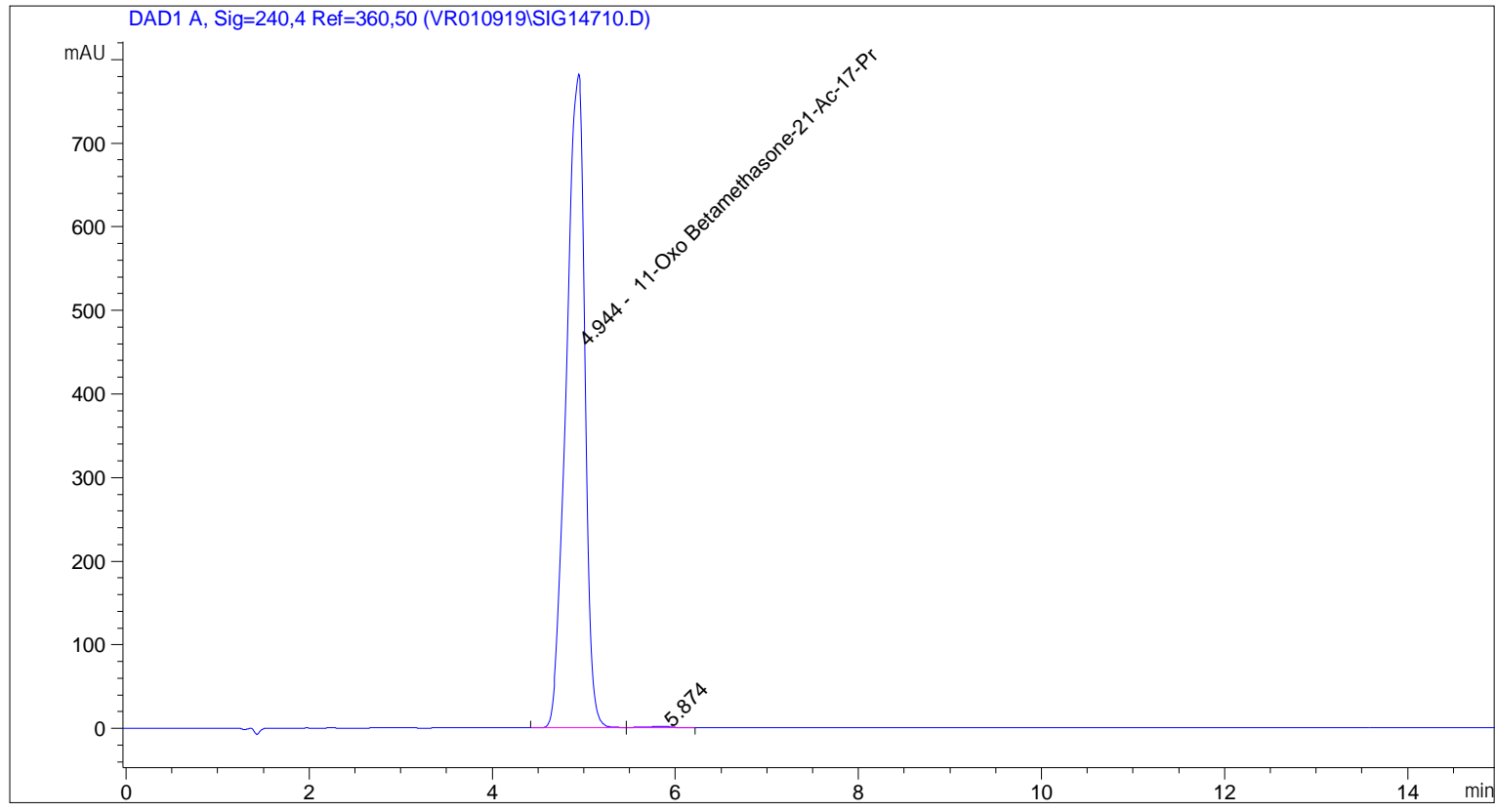


Viorica Rusu, QC/QA Manager

11-Oxo-Betamethasone-21-Acetate-17-Propionate
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: VR-2-245



=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 67
Injection Date : 2/7/2019 3:02:15 PM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR020719_245.M
Last changed : 2/7/2019 2:57:36 PM by vrusu
(modified after loading)
Analysis Method : C:\CHEM32\1\METHODS\VR020719_245PM.M
Last changed : 2/7/2019 3:26:55 PM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 2/7/2019 3:25:48 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

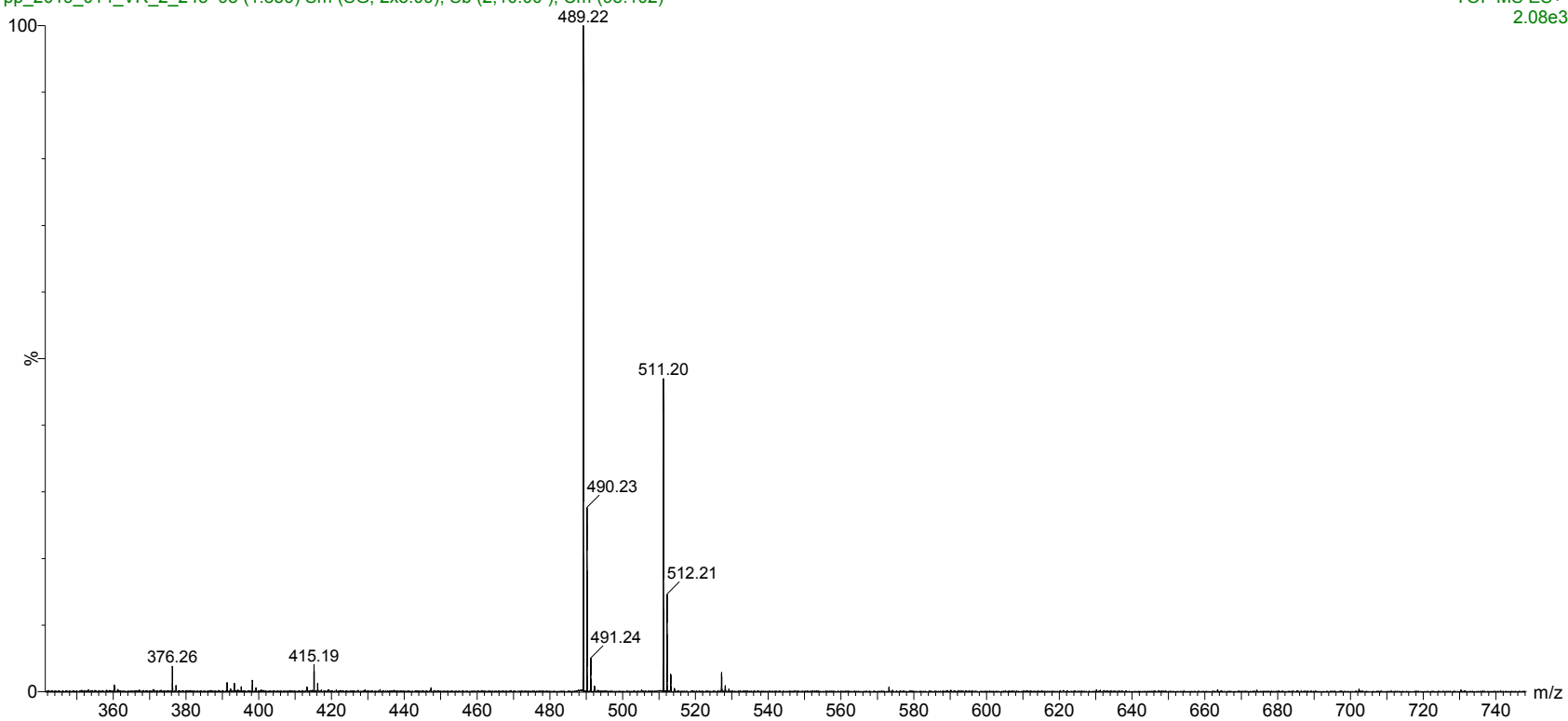
Signal 1: DAD1 A, Sig=240,4 Ref=360,50

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.944	BV	0.2176	1.10987e4	99.7135	11-Oxo Betamethasone-21-Ac-17-Pr
2	5.874	VB	0.2731	31.88912	0.2865	?

Totals : 1.11305e4

pp_2019_014_VR_2_245 98 (1.859) Sm (SG, 2x5.00); Sb (2,10.00); Cm (95:102)

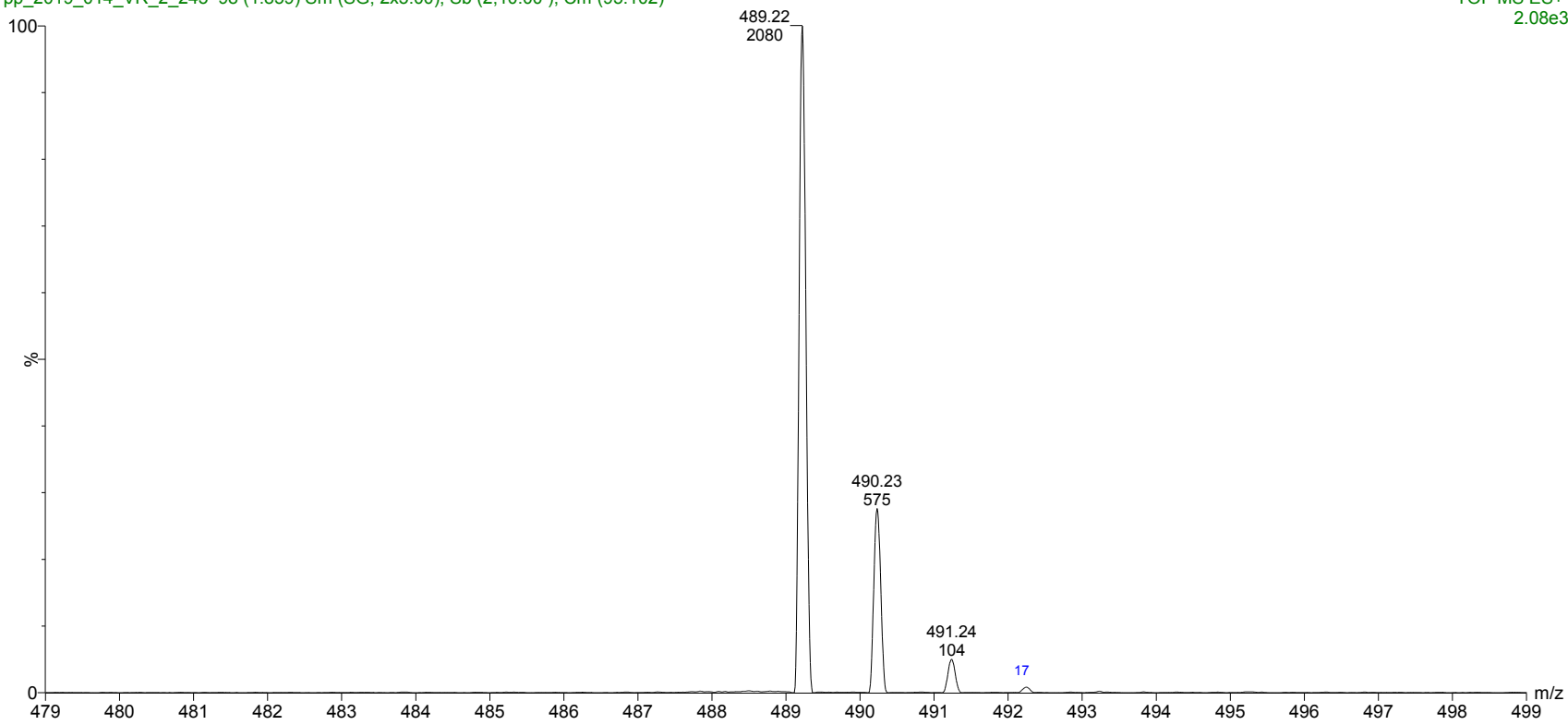
TOF MS ES+
2.08e3



ESI-MS spectrum for sample VR-2-245. Shows monoisotopic $[M+H]^+$ mass.

pp_2019_014_VR_2_245 98 (1.859) Sm (SG, 2x5.00); Sb (2,10.00); Cm (95:102)

TOF MS ES+
2.08e3



Expansion of above showing intensity values.