

Name:	Pomalidomide-D4 (major)
Lot#:	GR-12-235
Test Date:	01/04/2024 (re-test date: 01/04/2029)
CAS No.:	1416575-78-4
MF:	C ₁₃ H ₇ D ₄ N ₃ O ₄
MW:	277.27
Appearance:	Yellow solid
Purity:	96.4% by HPLC; >98% atom D
¹H-NMR:	Conforms (shows a trace of DMF)
MS-ESI (+)	Conforms (shows peak at m/z = 278.09 [M+H] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

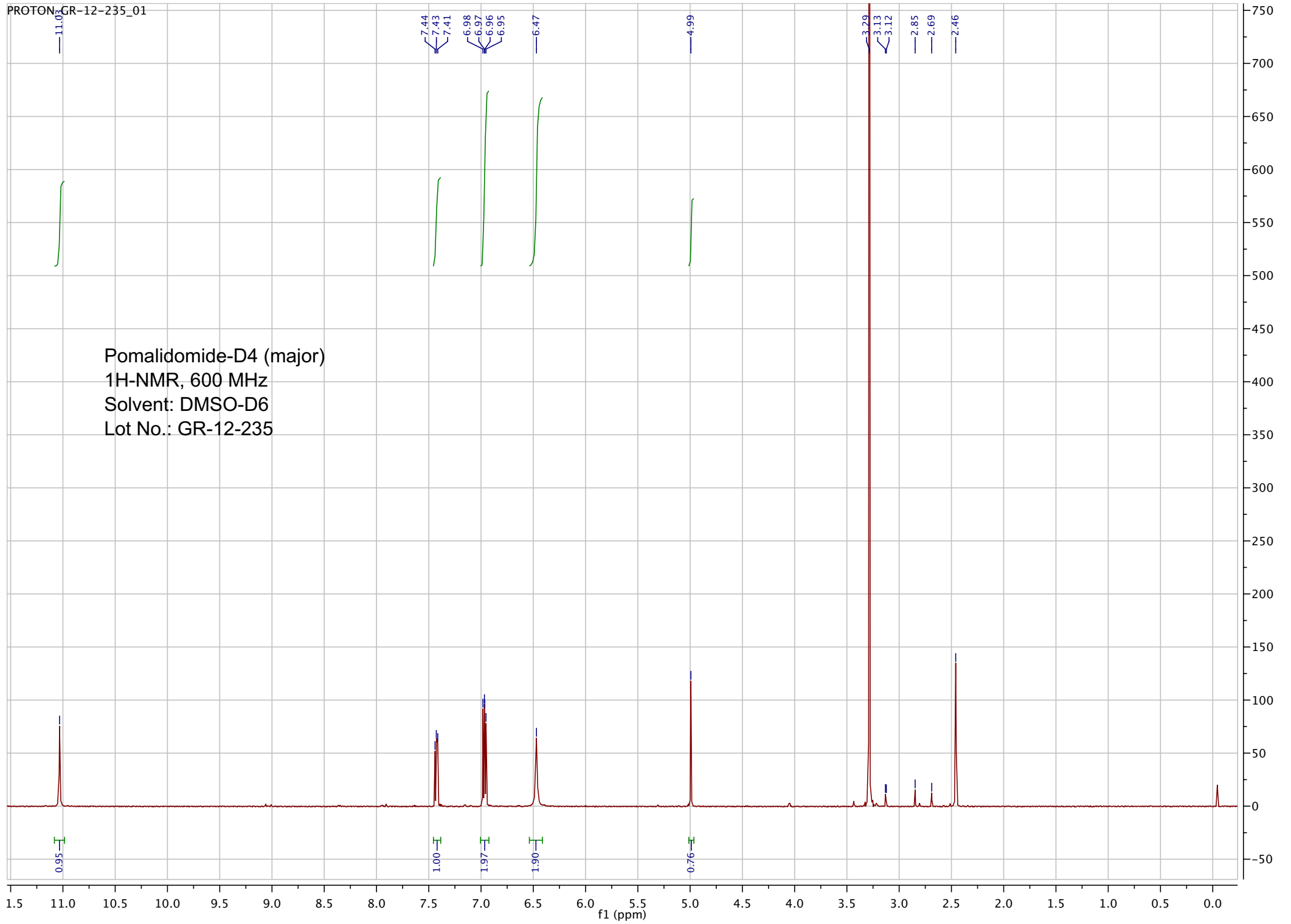
Approved by:

Date: 01/04/2024



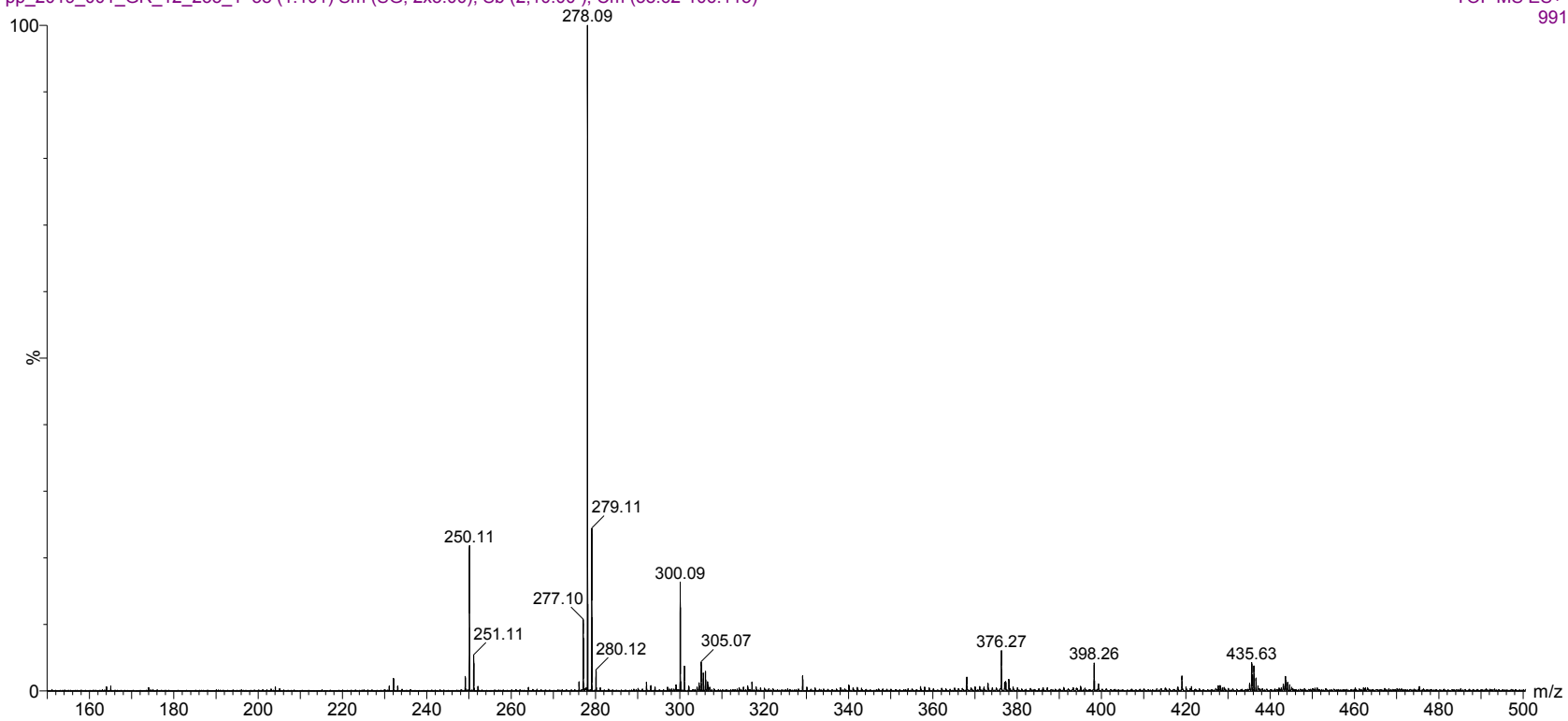
Viorica Rusu, QC/QA Manager

Pomalidomide-D4 (major)
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-12-235



pp_2019_001_GR_12_235_1 58 (1.101) Sm (SG, 2x5.00); Sb (2,10.00); Cm (58:62-106:113)

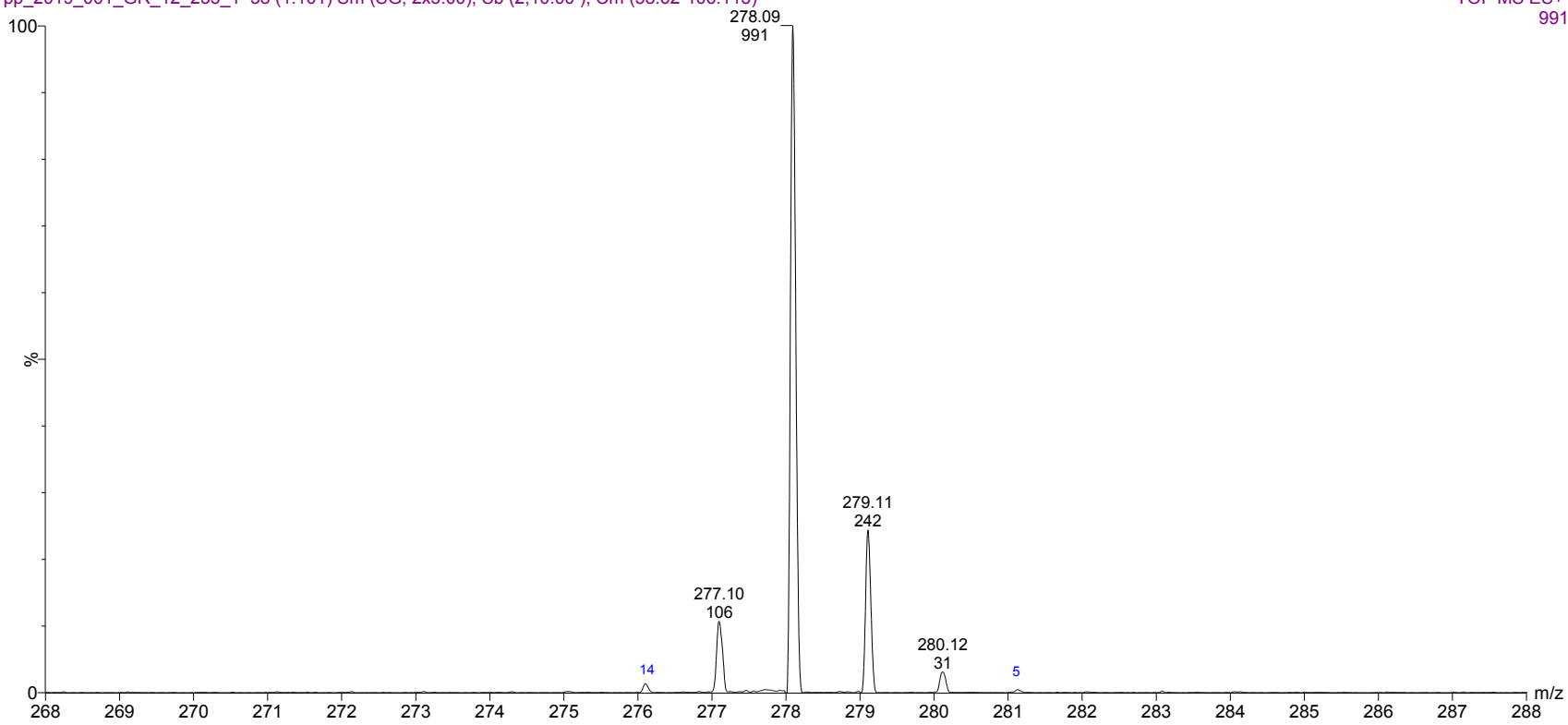
TOF MS ES+
991



ESI-MS spectrum for sample GR-12-235. Shows monoisotopic $[M+H]^+$ mass.

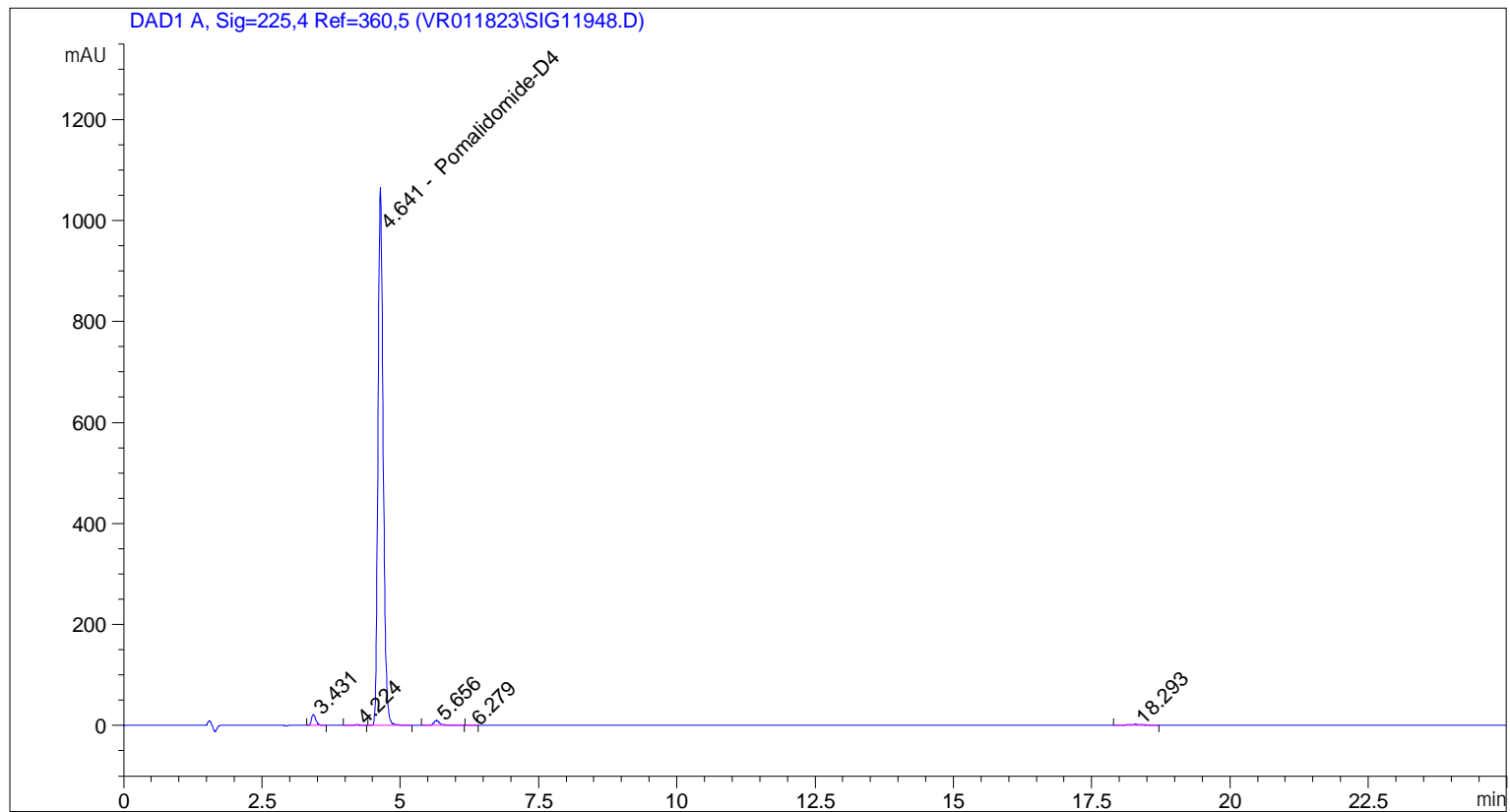
pp_2019_001_GR_12_235_1 58 (1.101) Sm (SG, 2x5.00); Sb (2,10.00); Cm (58:62-106:113)

TOF MS ES+
991



Expansion of above showing intensity values.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 5
Injection Date : 1/4/2024 9:19:47 AM Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR010424_235.M
Last changed : 1/4/2024 9:18:39 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR010424_235PM.M
Last changed : 1/4/2024 10:05:44 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 1/4/2024 10:04:45 AM
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	3.431	BB	0.0853	119.46220	1.6568	?
2	4.224	BB	0.1021	9.82361	0.1362	?
3	4.641	BB	0.1000	6949.90820	96.3898	Pomalidomide-D4
4	5.656	BB	0.1195	77.33192	1.0725	?
5	6.279	BB	0.1013	3.67184	0.0509	?
6	18.293	BB	0.2645	50.01259	0.6936	?

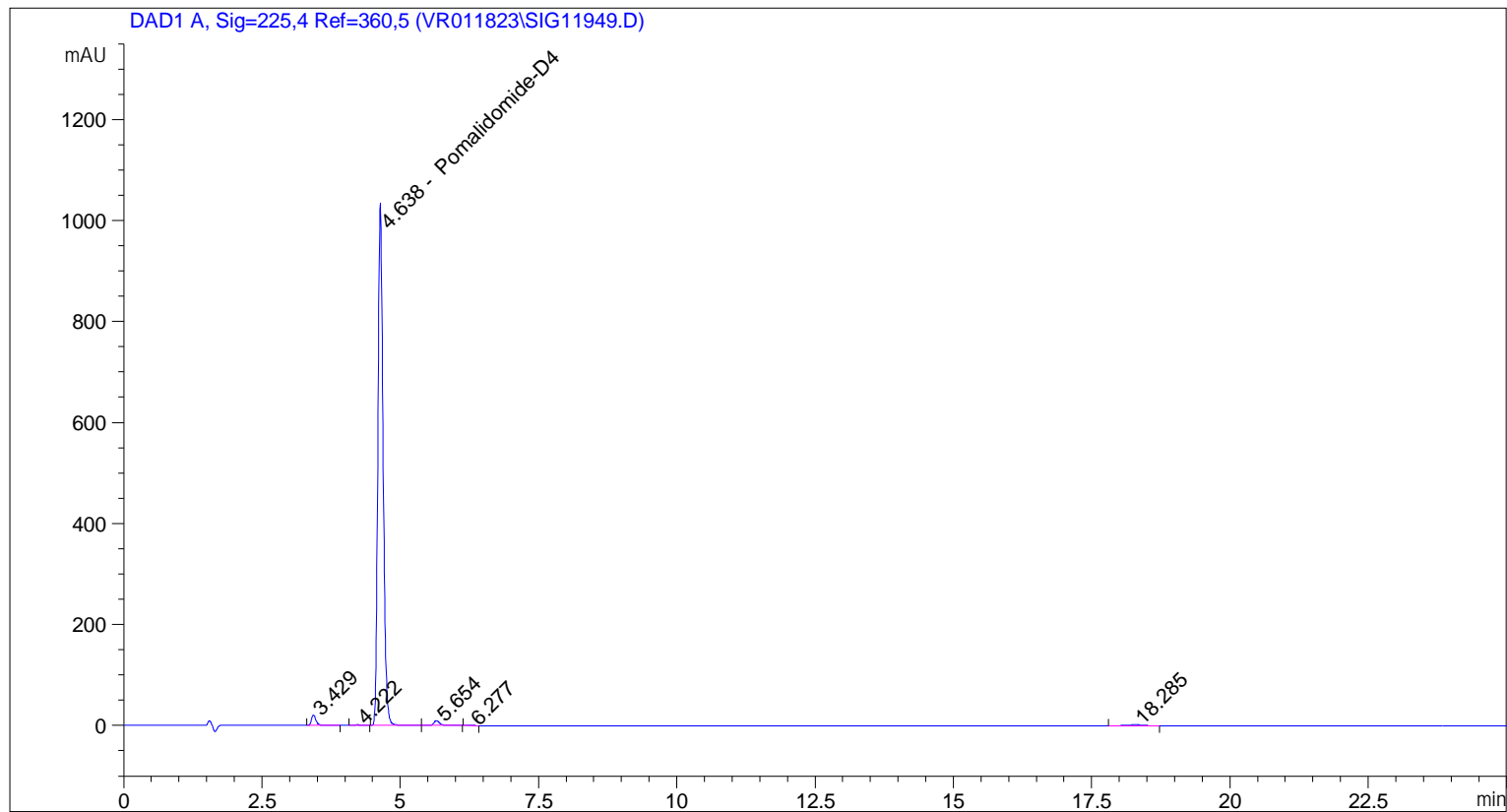
Totals : 7210.21037

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*** End of Report ***

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 6
Injection Date  : 1/4/2024 9:46:57 AM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR010424_235.M
Last changed    : 1/4/2024 9:45:53 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR010424_235PM.M
Last changed    : 1/4/2024 10:05:44 AM by vrusu
  
```



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 Area Percent Report
 =====

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Sorted By      :      Signal
Calib. Data Modified :      1/4/2024 10:04:45 AM
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	3.429	BB	0.0872	120.33768	1.7173	?
2	4.222	BB	0.1029	8.27885	0.1181	?
3	4.638	BV	0.1002	6755.75488	96.4093	Pomalidomide-D4
4	5.654	VB	0.1165	76.51209	1.0919	?
5	6.277	BB	0.1109	4.85001	0.0692	?
6	18.285	BB	0.2883	41.63821	0.5942	?

Totals : 7007.37171

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*** End of Report ***