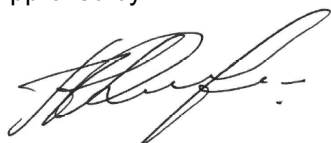


Name:	Secorapamycin
Lot#:	GR-16-021
Test Date:	05/29/2023 (re-test date: 05/29/2025)
CAS No.:	147438-27-5; 148554-65-8 (Na salt)
MF:	C ₅₁ H ₇₉ NO ₁₃
MW:	914.20
Appearance:	Pale yellow solid
Purity:	91.5% by HPLC (average of two sample preparations)
¹H-NMR:	Conforms (shows ~0.8% ACN)
MS-ESI (+)	Conforms (shows peak at m/z = 936.56 [M+Na] ⁺)
Storage	Store at -20°C in a dry place away from direct sunlight under nitrogen

Approved by:

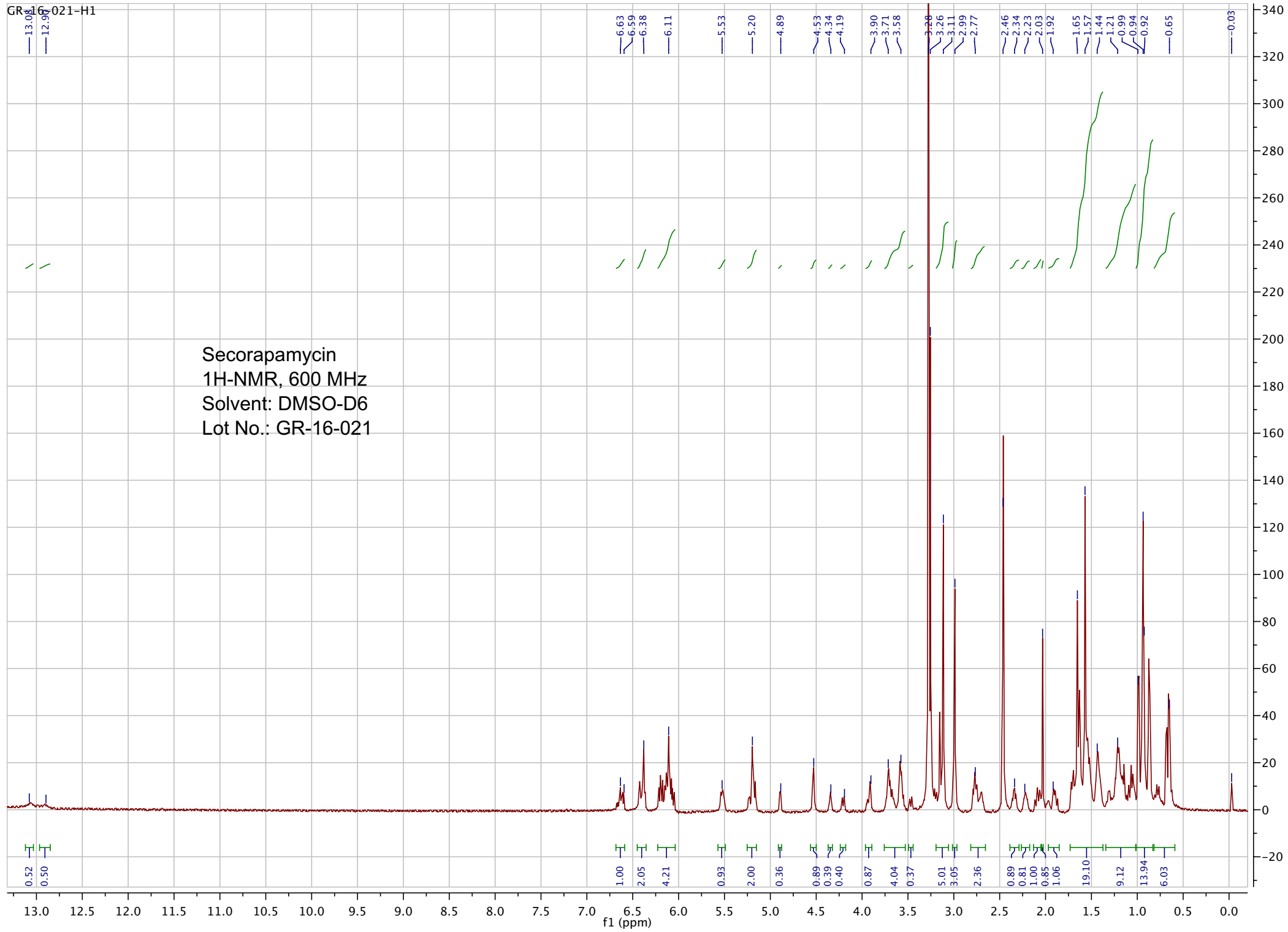
Date: 05/29/2023



Viorica Rusu, QC/QA Manager

GR-16-021-H1

Secorapamycin
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-16-021



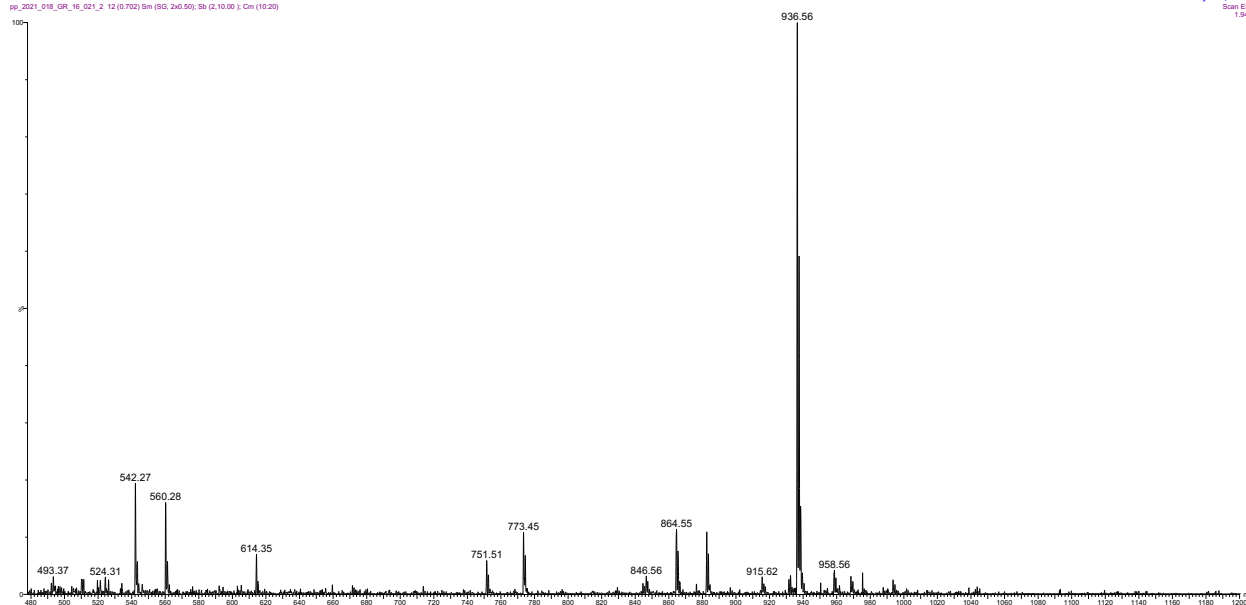
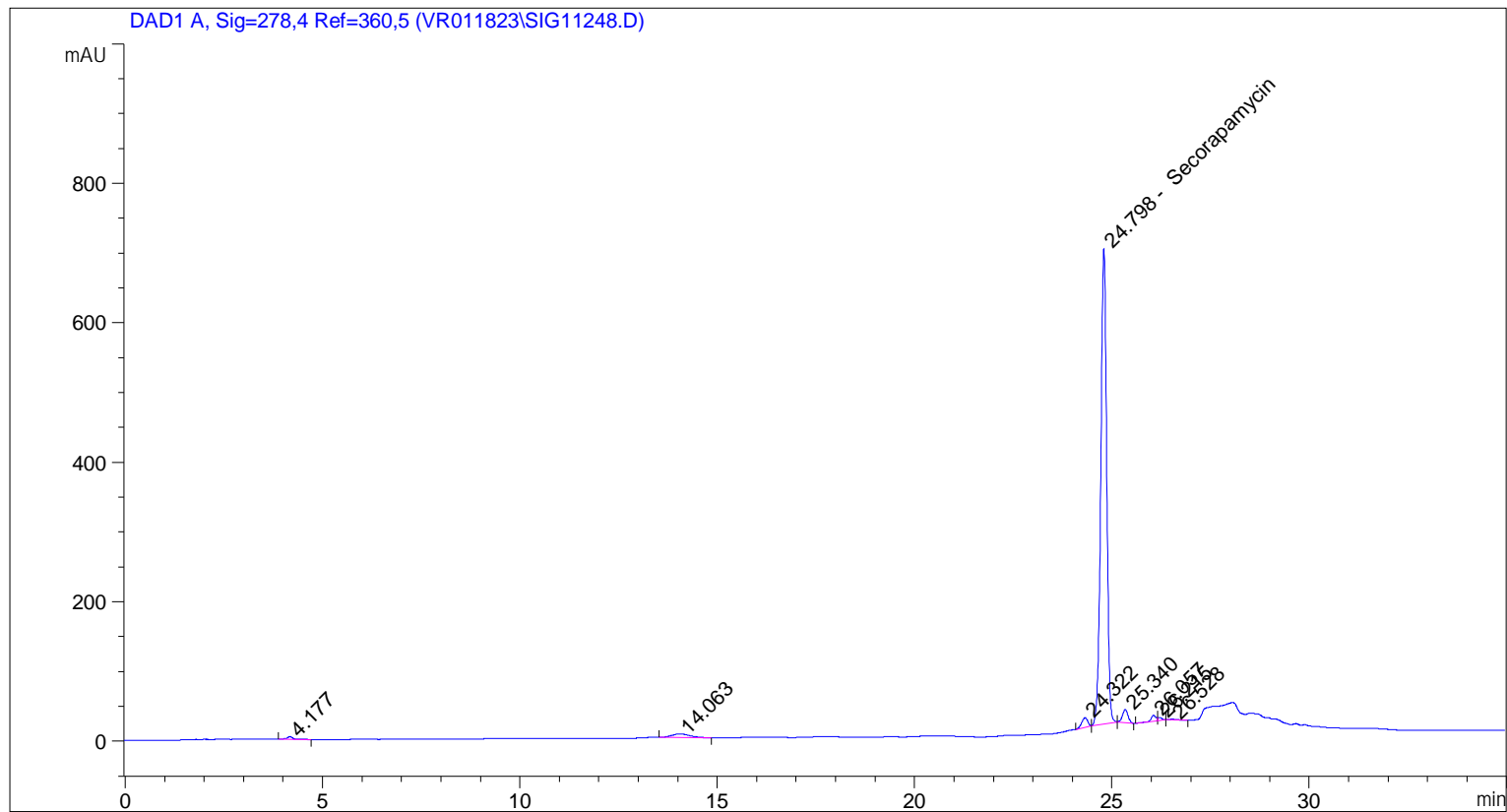


Figure 2 Raw ESI-MS spectrum for sample GR-16-021. Shows monoisotopic $[M+H]^+$ mass.

```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 89
Injection Date  : 5/29/2023 12:55:29 PM
                                           Inj Volume : 10.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR052923_021.M
Last changed    : 5/29/2023 12:54:18 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR052923_021PM.M
Last changed    : 5/29/2023 1:53:02 PM by vrusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      5/29/2023 1:52:16 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=278,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.177	BB	0.1590	43.76240	0.5666	?
2	14.063	BB	0.3931	163.26485	2.1139	?
3	24.322	BB	0.1696	145.38622	1.8825	?
4	24.798	BB	0.1589	7066.65674	91.4988	Secorapamycin
5	25.340	BB	0.1489	183.26851	2.3730	?
6	26.057	BV	0.1282	73.66964	0.9539	?
7	26.215	VB	0.1111	33.11412	0.4288	?
8	26.528	BB	0.1418	14.10389	0.1826	?

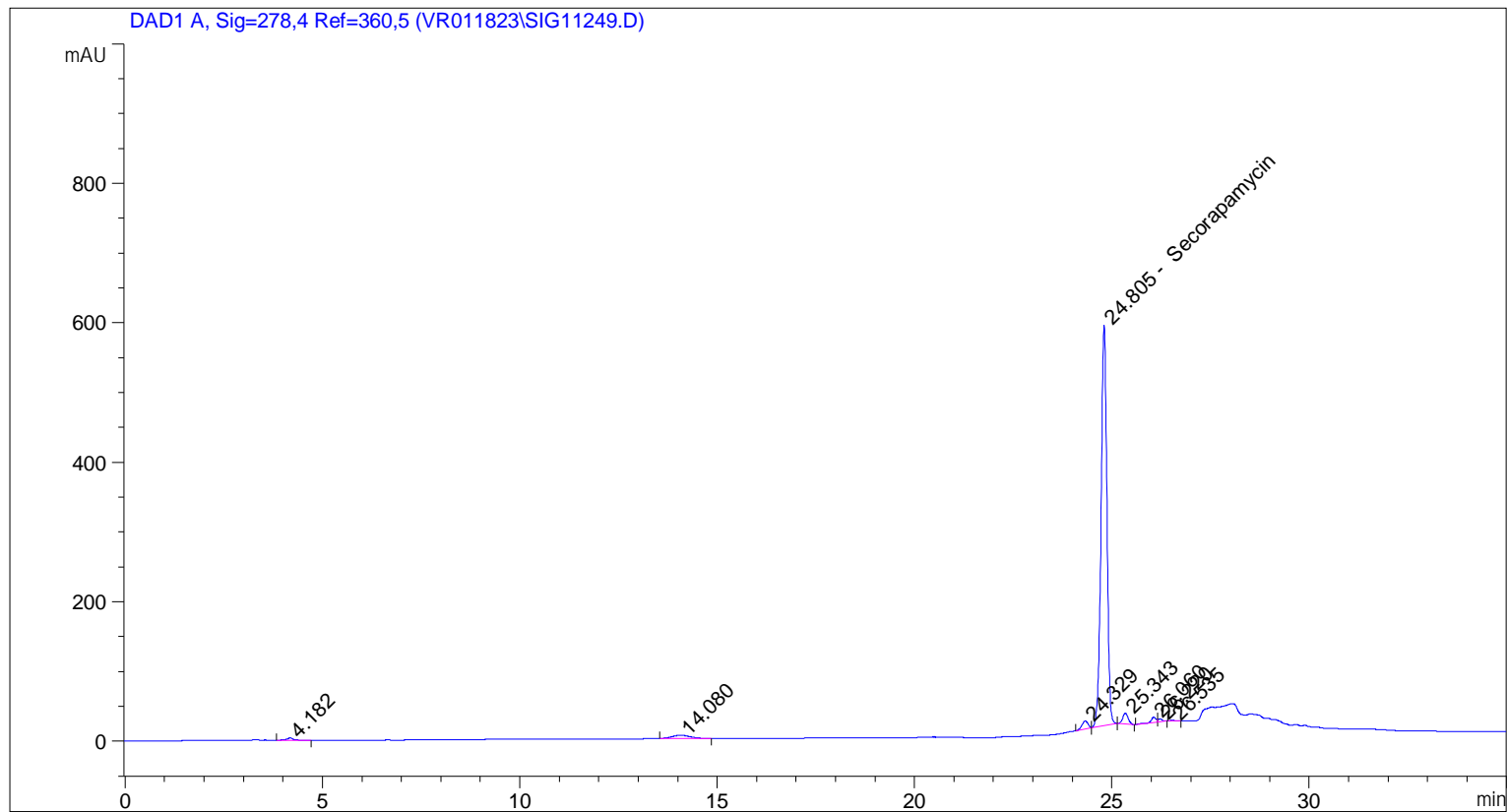
Sample Name: GR-16-021

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
----- ----- ----- ----- ----- ----- -----						
Totals :				7723.22635		

=====
*** End of Report ***

```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 90
Injection Date  : 5/29/2023 1:35:00 PM
                                           Inj Volume : 10.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR052923_021.M
Last changed    : 5/29/2023 1:33:52 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR052923_021PM.M
Last changed    : 5/29/2023 1:53:02 PM by vrusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      5/29/2023 1:52:16 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=278,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.182	BB	0.1605	37.89673	0.5820	?
2	14.080	BB	0.4234	142.05408	2.1814	?
3	24.329	BB	0.1693	120.80353	1.8551	?
4	24.805	BB	0.1607	5949.51172	91.3633	Secorapamycin
5	25.343	BB	0.1488	151.85516	2.3320	?
6	26.060	BV	0.1303	68.33132	1.0493	?
7	26.220	VB	0.1167	32.80671	0.5038	?
8	26.535	BB	0.1091	8.67116	0.1332	?

Sample Name: GR-16-021 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
Totals :				6511.93041		

=====
*** End of Report ***