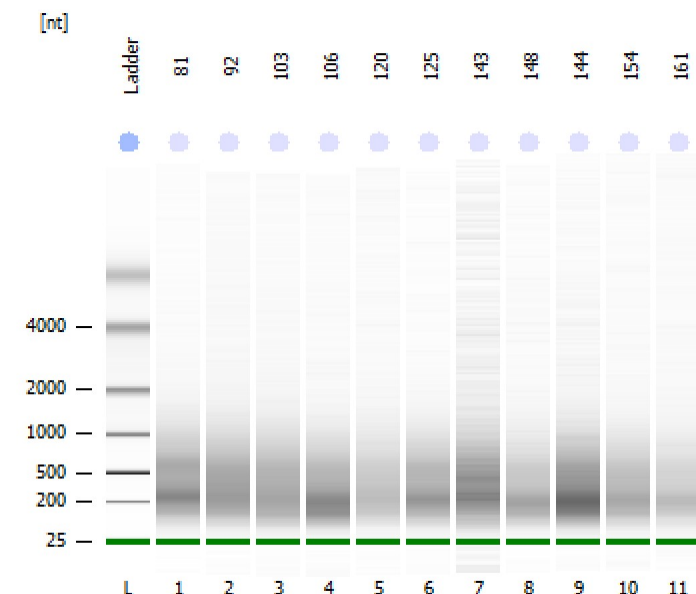


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electrophoresis File Run Summary



Instrument Information:

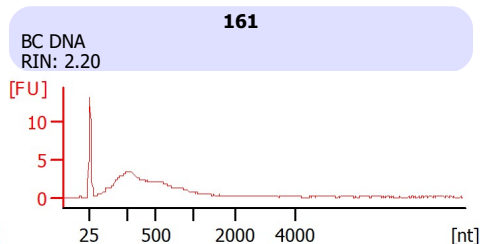
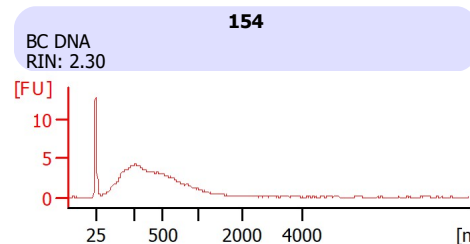
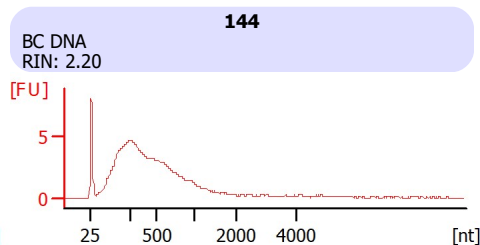
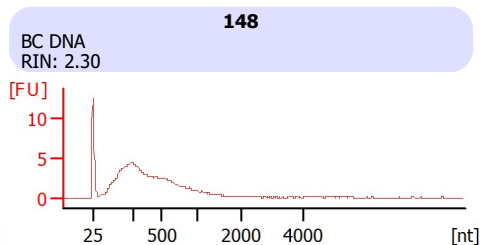
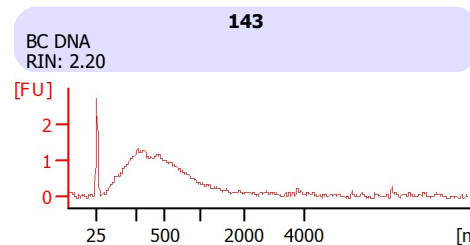
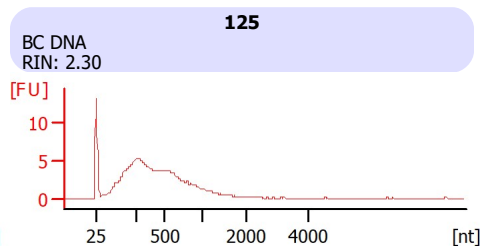
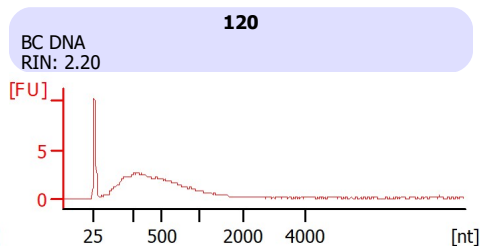
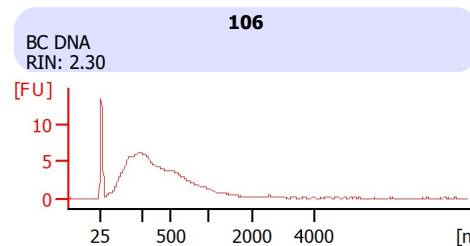
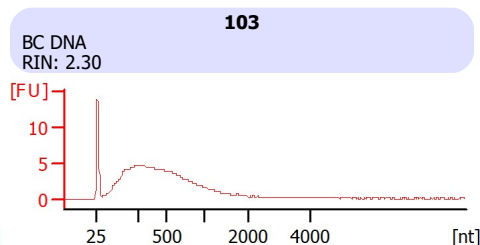
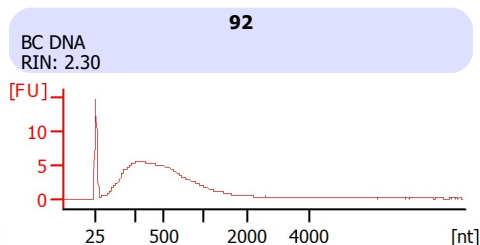
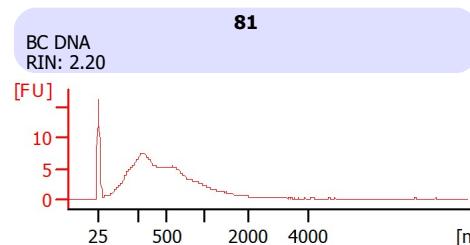
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
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Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
 Modified: 7/7/2025 12:43:36 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
81	BC DNA	✓	RIN: 2.20	
92	BC DNA	✓	RIN: 2.30	
103	BC DNA	✓	RIN: 2.30	
106	BC DNA	✓	RIN: 2.30	
120	BC DNA	✓	RIN: 2.20	
125	BC DNA	✓	RIN: 2.30	
143	BC DNA	✓	RIN: 2.20	
148	BC DNA	✓	RIN: 2.30	
144	BC DNA	✓	RIN: 2.20	
154	BC DNA	✓	RIN: 2.30	
161	BC DNA	✓	RIN: 2.20	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 18
End Analysis Time Range [s] : 69
Ladder Concentration [pg/μl] : 1000
Lower Marker Concentration [pg/μl] : 0
Upper Marker Concentration [pg/μl] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.3
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

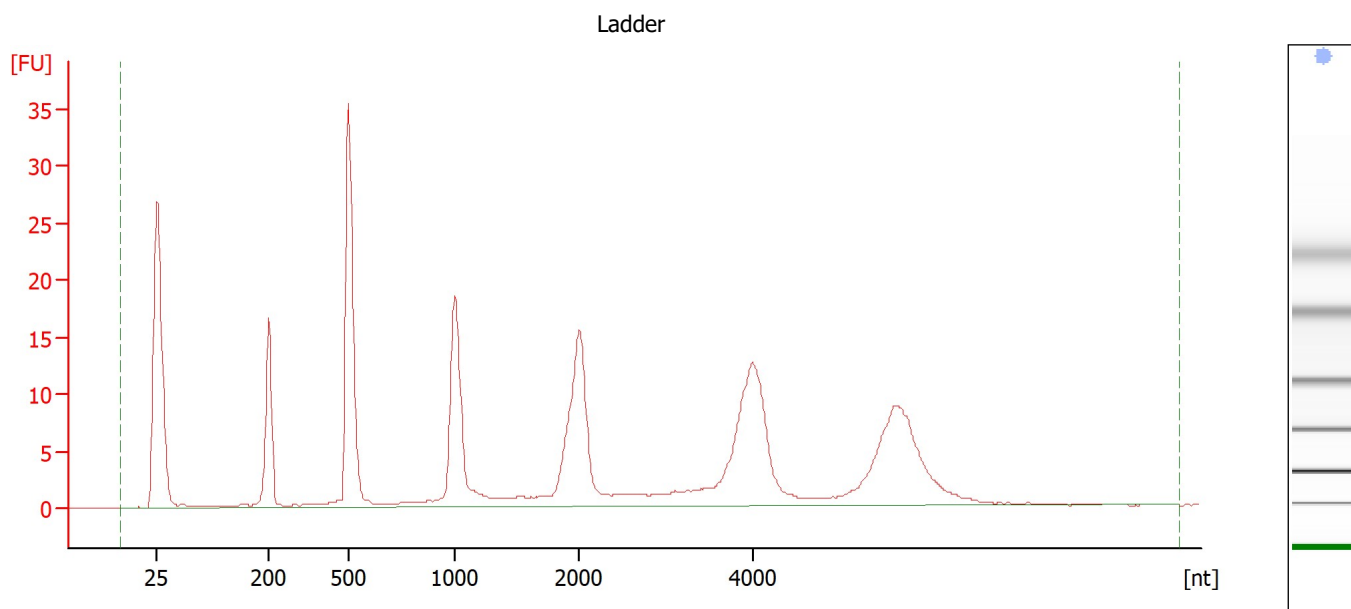
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
 Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary



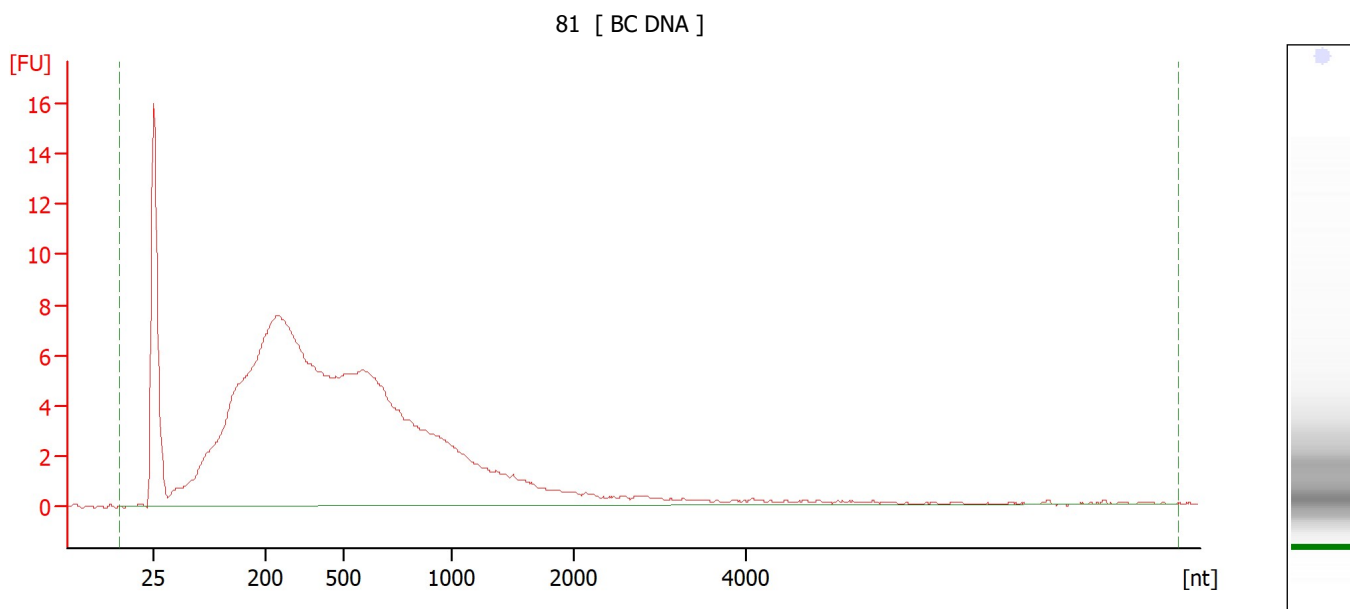
Overall Results for Ladder

RNA Area:	252.5	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



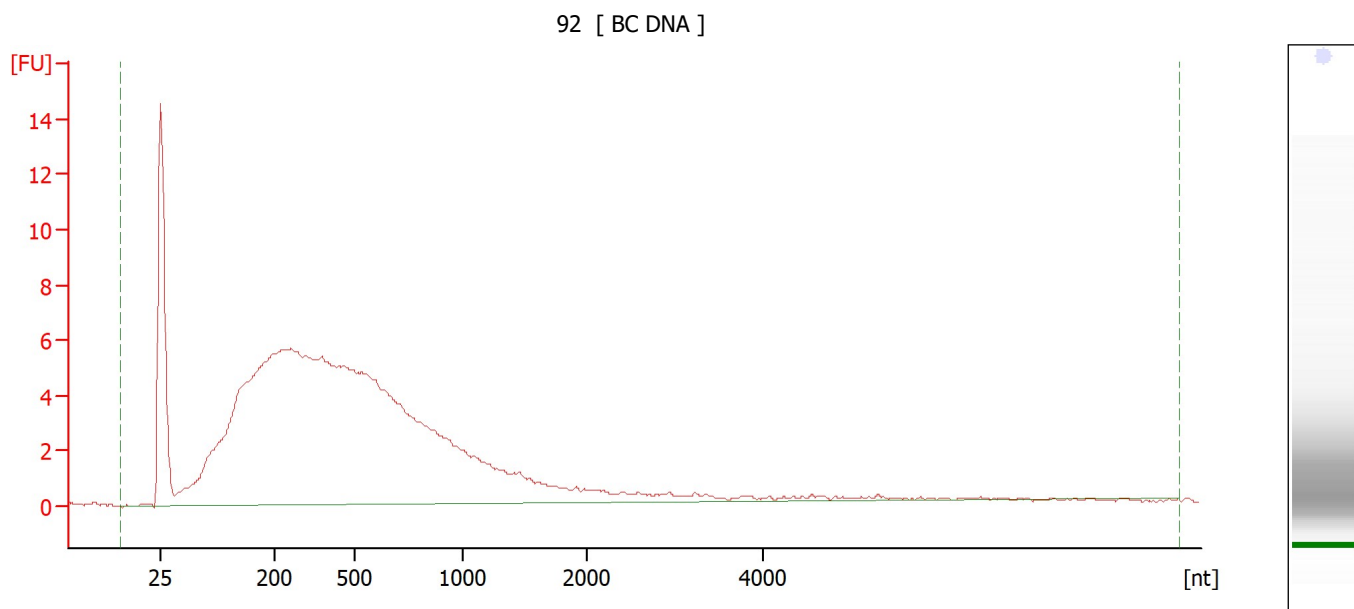
Overall Results for sample 1 : 81

RNA Area:	222.9	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	883 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



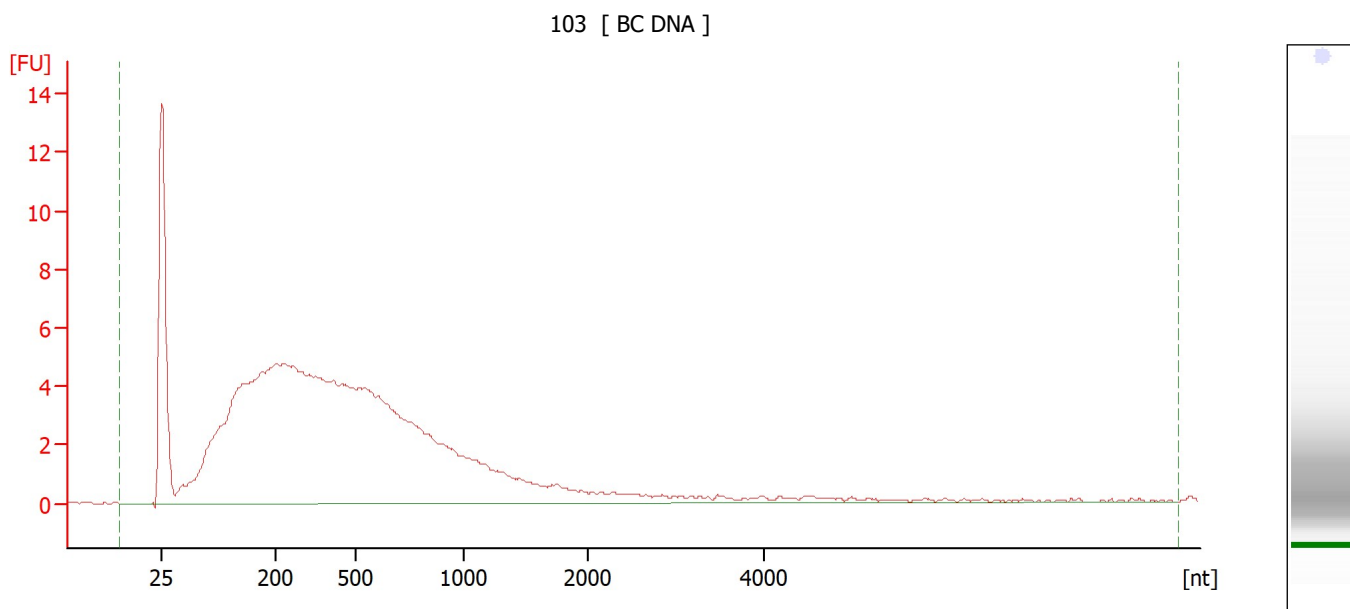
Overall Results for sample 2 : 92

RNA Area:	199.9	RNA Integrity Number (RIN):	2.3 (B.02.10)
RNA Concentration:	792 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



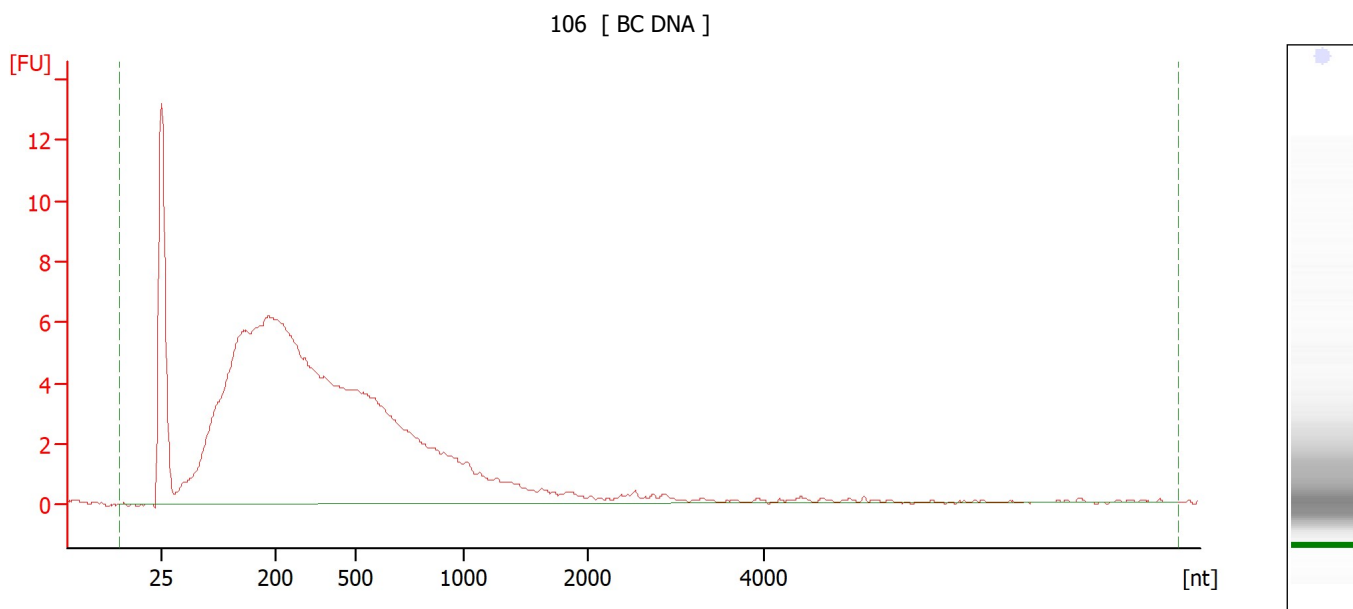
Overall Results for sample 3 : 103

RNA Area:	171.2	RNA Integrity Number (RIN):	2.3 (B.02.10)
RNA Concentration:	678 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



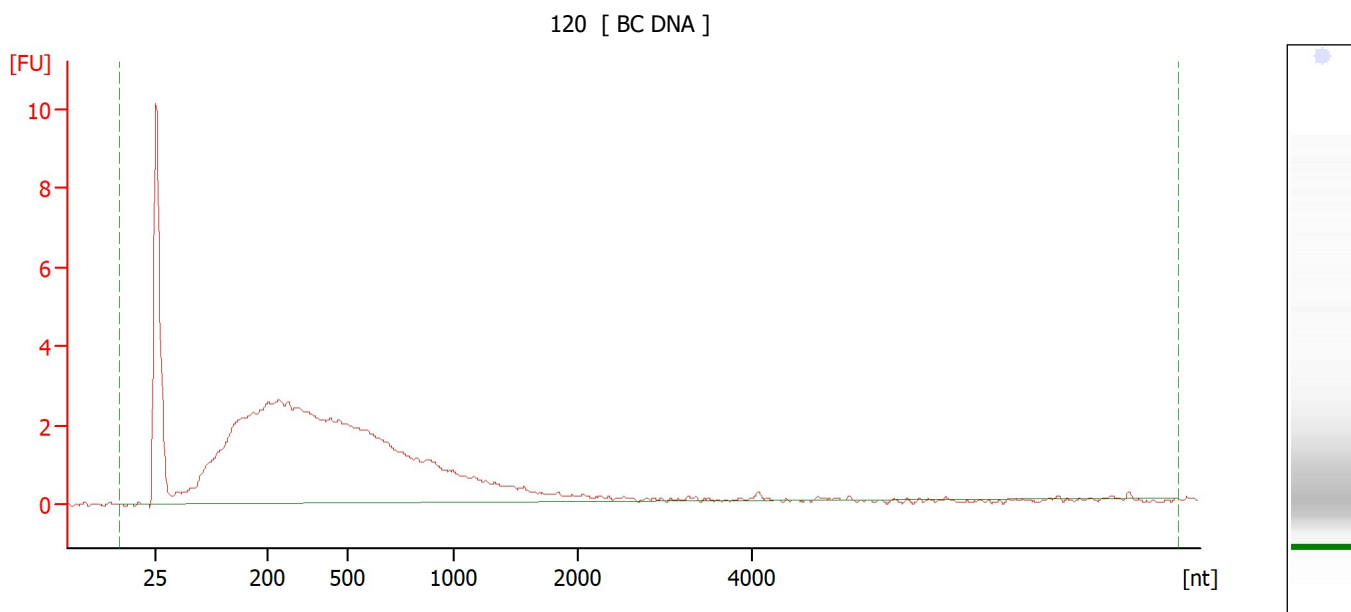
Overall Results for sample 4 : 106

RNA Area:	180.4	RNA Integrity Number (RIN):	2.3 (B.02.10)
RNA Concentration:	715 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



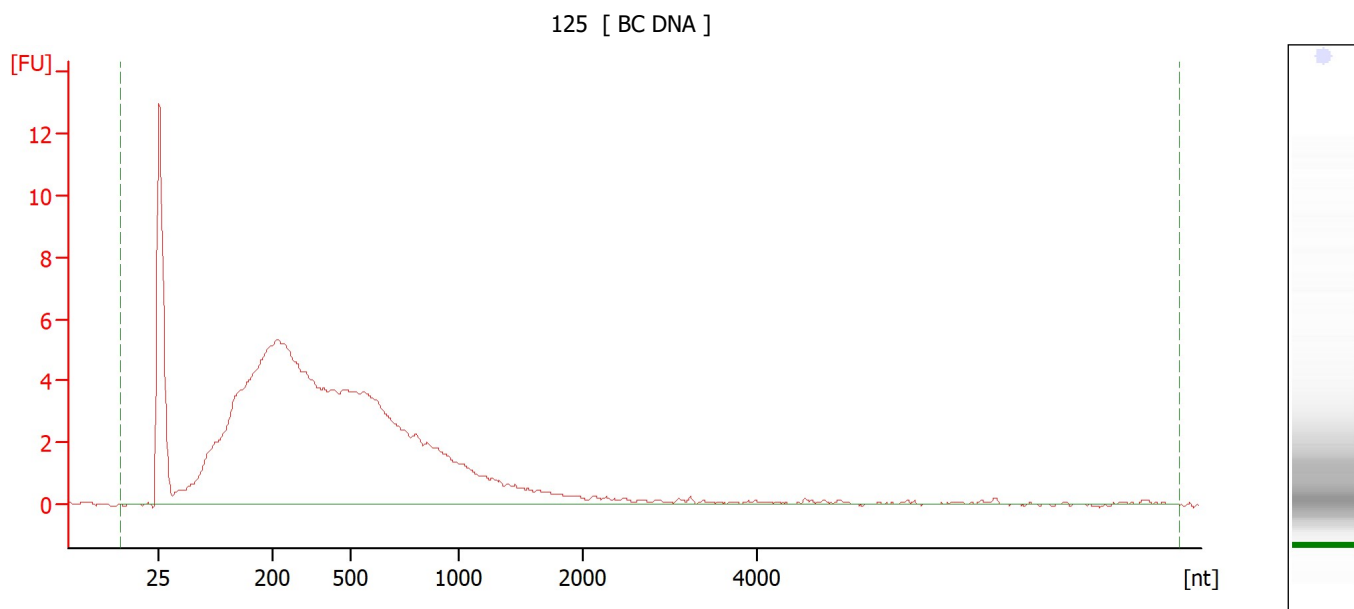
Overall Results for sample 5 : 120

RNA Area:	83.7	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	331 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



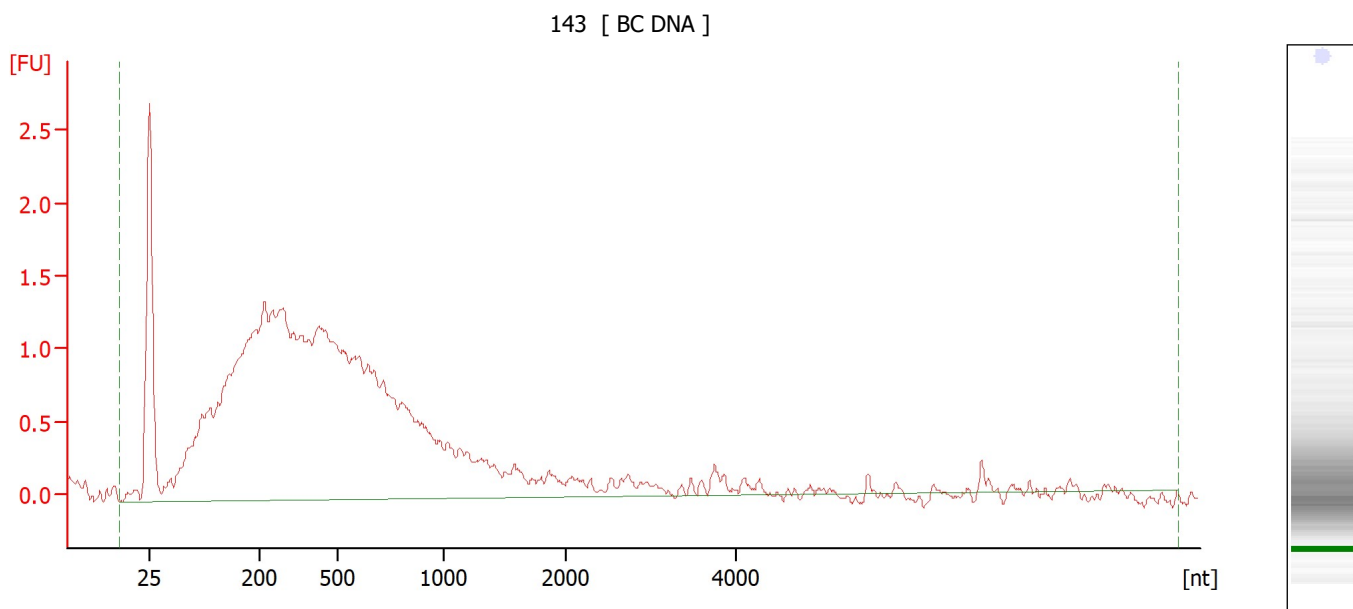
Overall Results for sample 6 : 125

RNA Area:	152.3	RNA Integrity Number (RIN):	2.3 (B.02.10)
RNA Concentration:	603 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



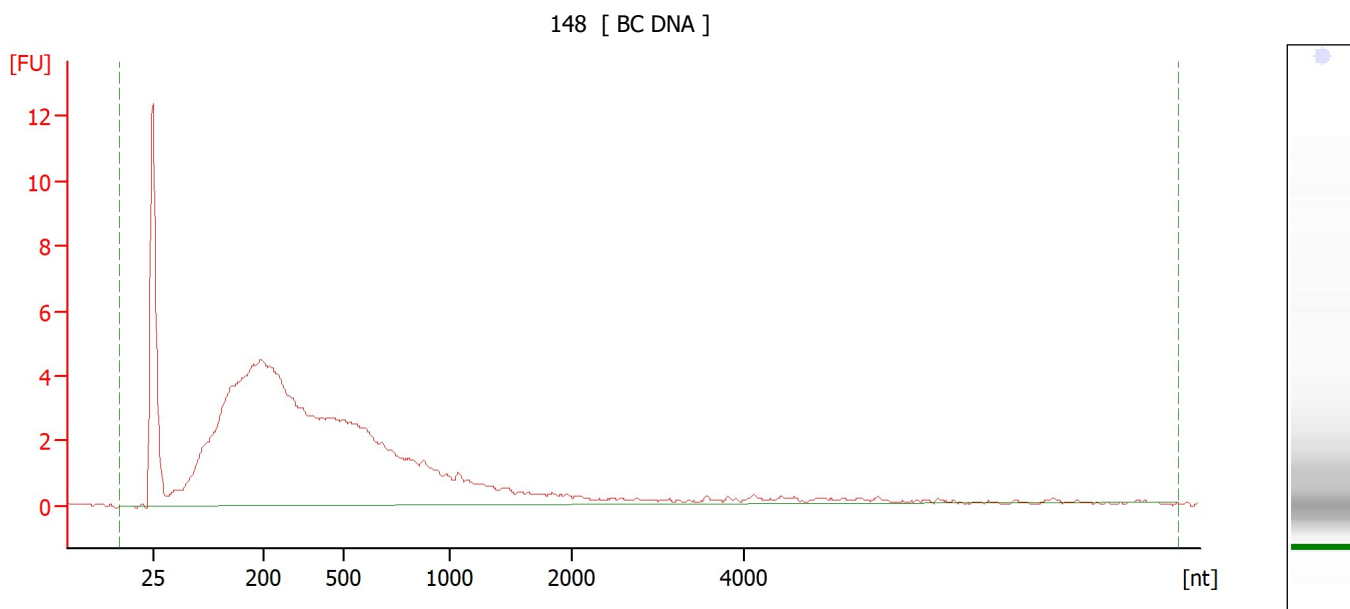
Overall Results for sample 7 : 143

RNA Area:	43.9	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	174 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



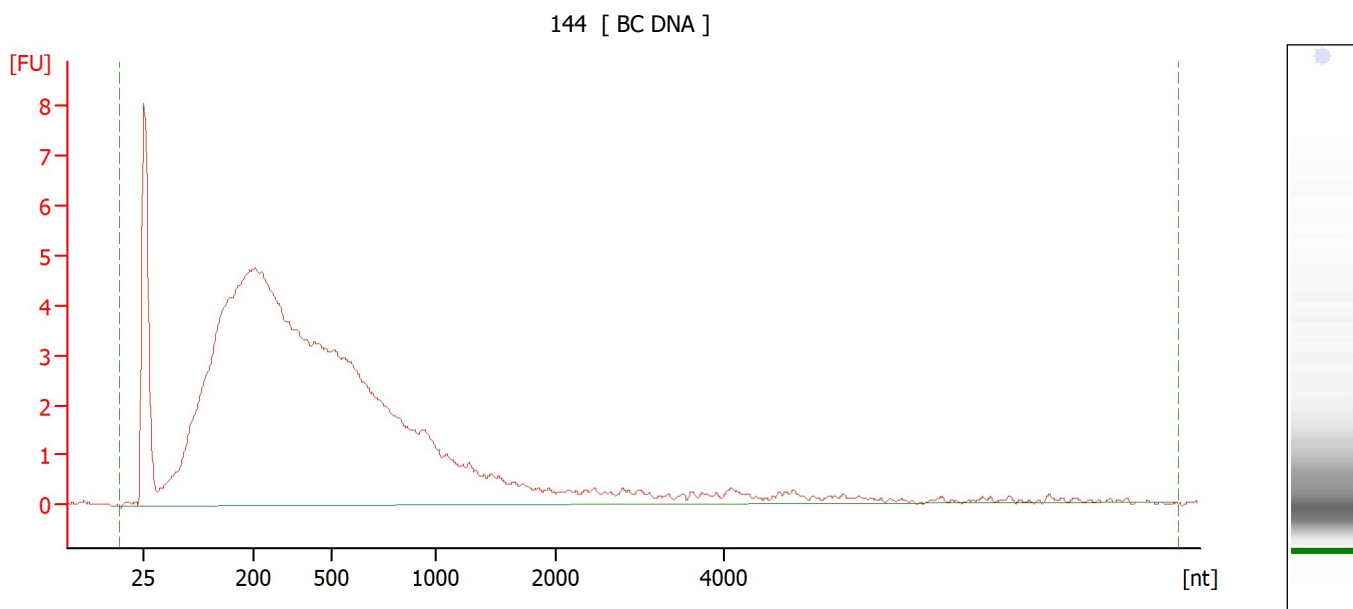
Overall Results for sample 8 : 148

RNA Area:	128.9	RNA Integrity Number (RIN):	2.3 (B.02.10)
RNA Concentration:	511 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



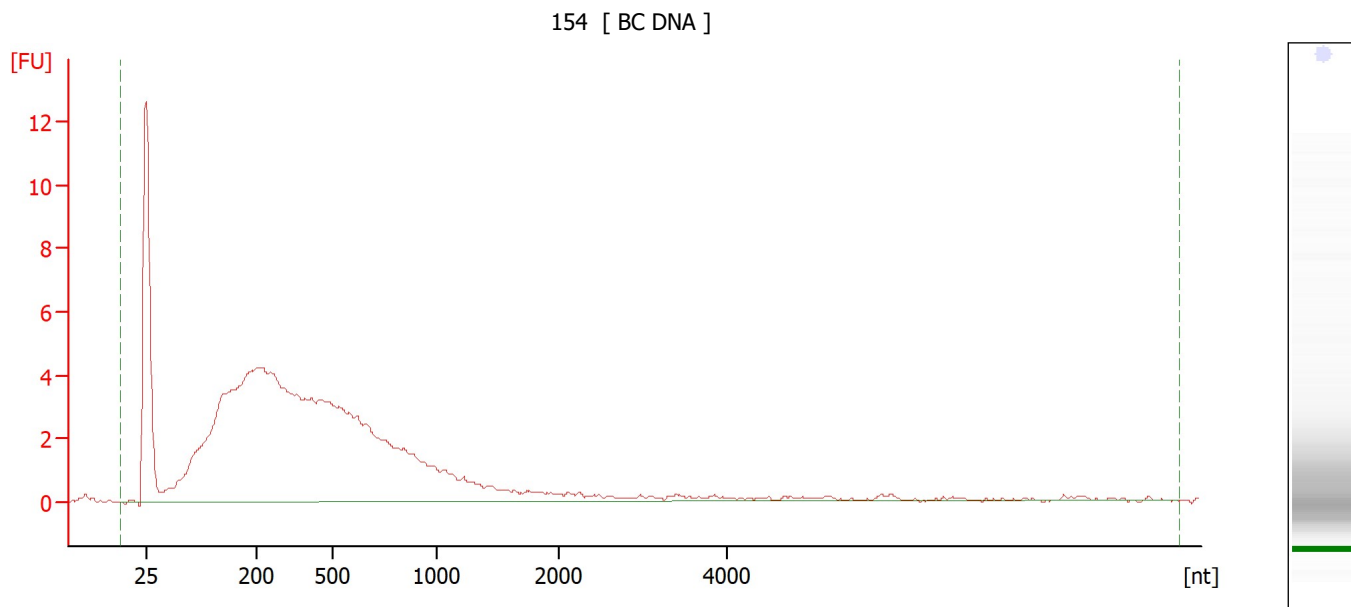
Overall Results for sample 9 : 144

RNA Area:	146.5	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	580 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



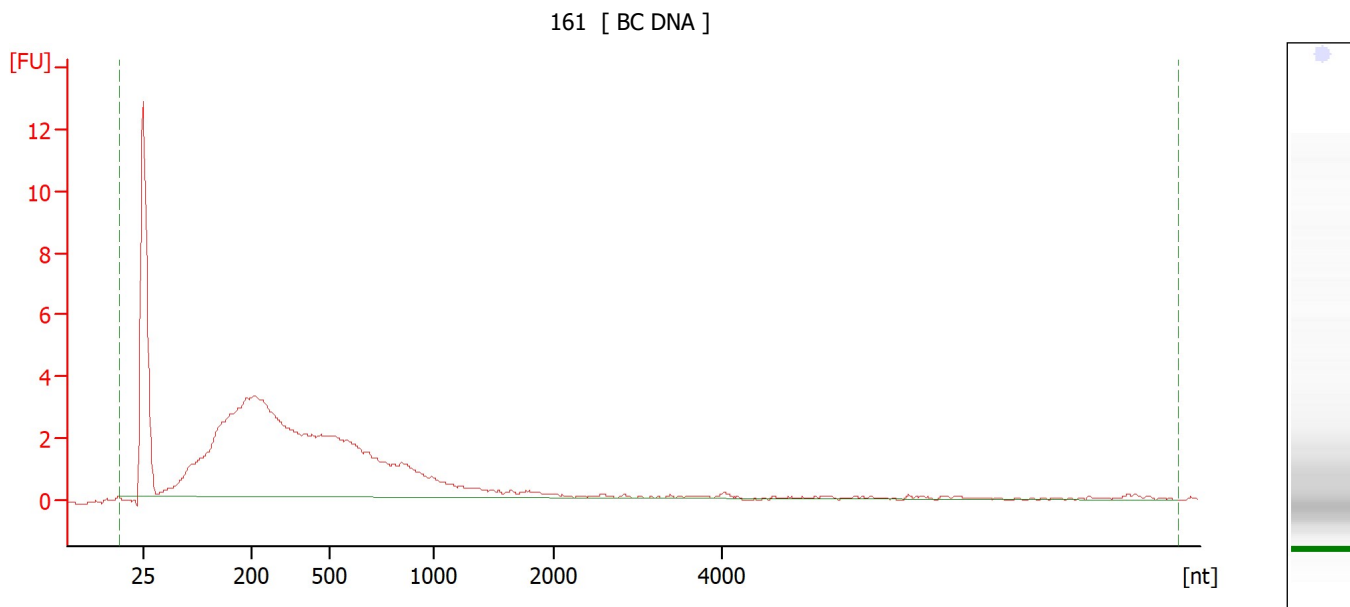
Overall Results for sample 10 : 154

RNA Area:	133.9	RNA Integrity Number (RIN):	2.3 (B.02.10)
RNA Concentration:	530 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Electropherogram Summary Continued ...



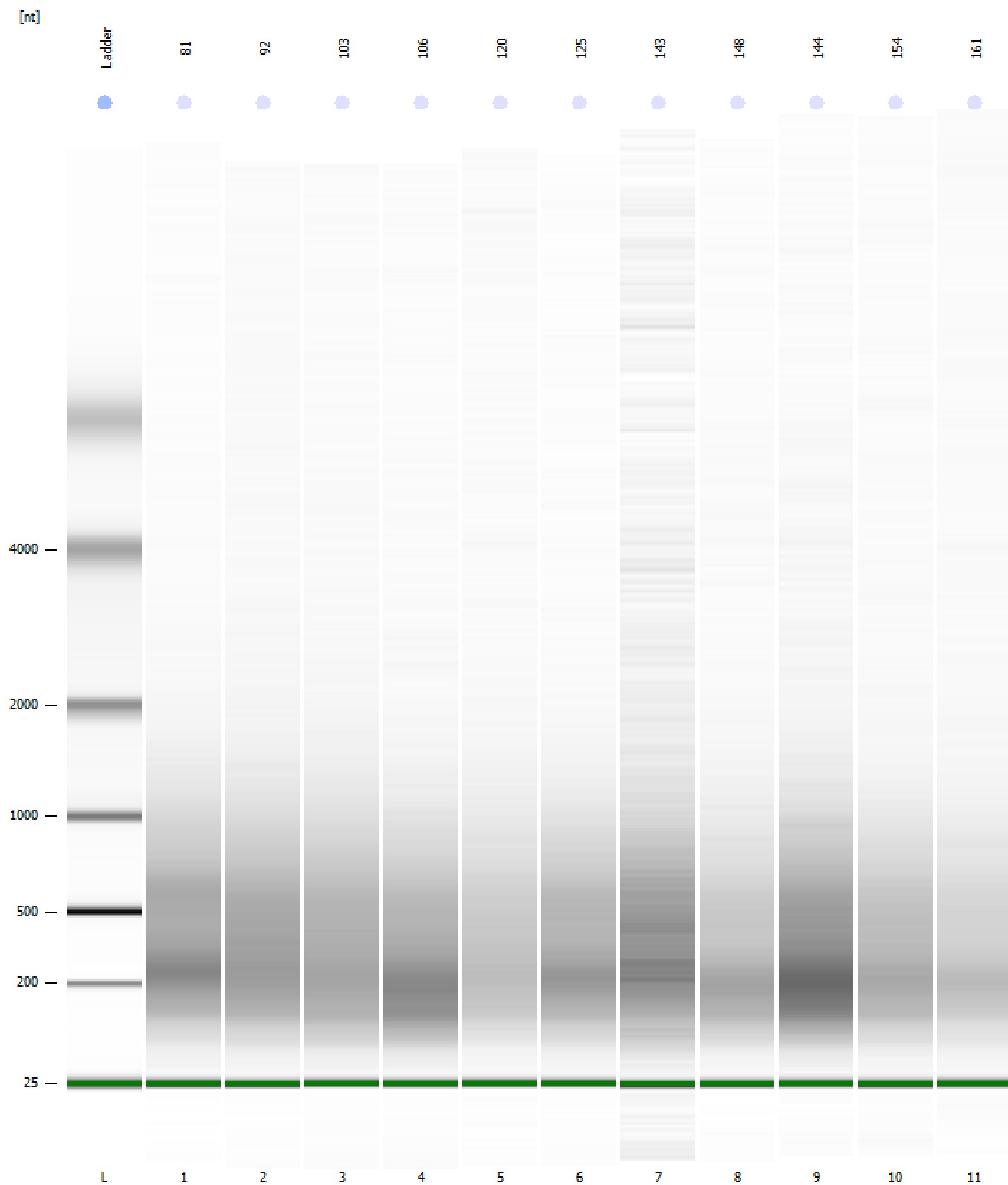
Overall Results for sample 11 : 161

RNA Area:	88.2	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	349 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad

Created: 7/7/2025 12:21:30 PM
Modified: 7/7/2025 12:43:36 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad
 Created: 7/7/2025 12:21:30 PM
 Modified: 7/7/2025 12:43:36 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		7/7/2025 12:43:33 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2025-07-07\Bioanalyzer1_Eukaryote Total RNA Pico_DE34903152_2025-07-07_002.xad)		Instrument	Run		7/7/2025 12:21:37 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		7/7/2025 12:21:37 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		7/7/2025 12:21:37 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		7/7/2025 12:21:37 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		7/7/2025 12:21:37 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		7/7/2025 12:21:37 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		7/7/2025 12:21:37 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB