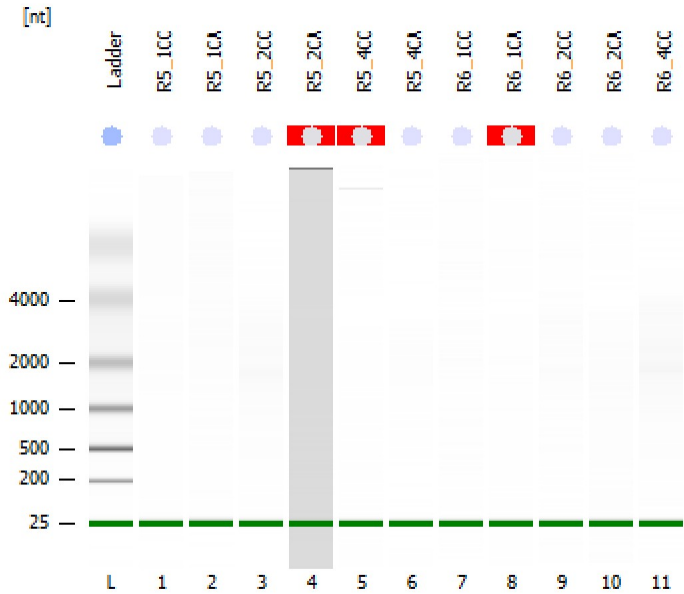


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
Modified: 8/26/2023 2:00:47 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

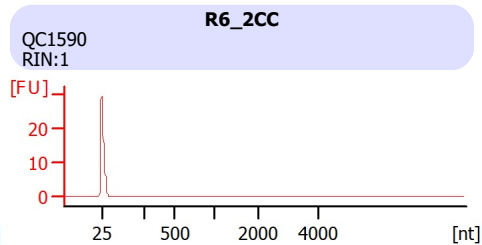
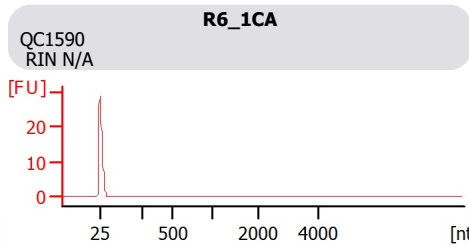
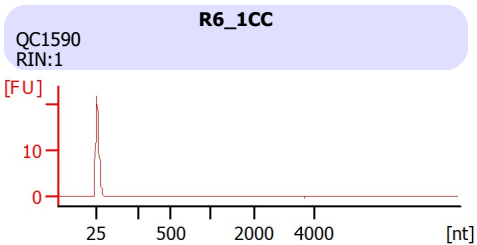
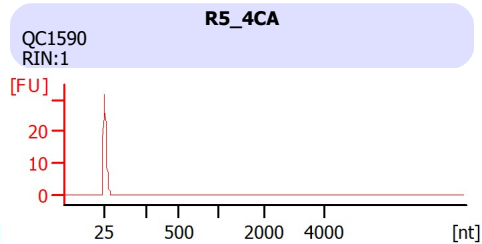
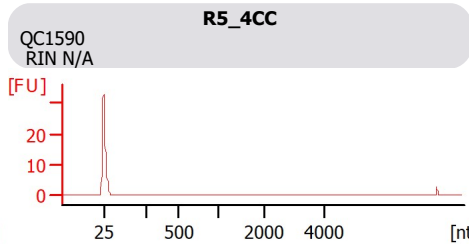
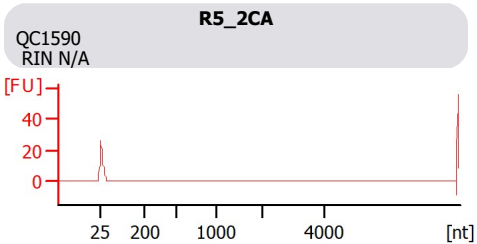
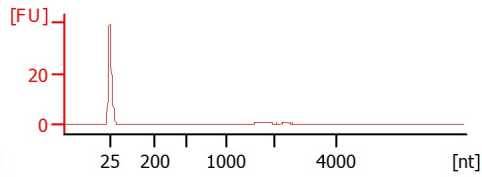
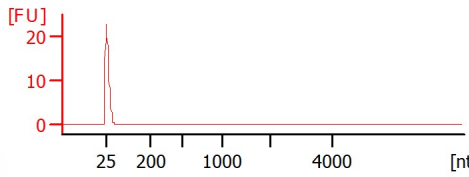
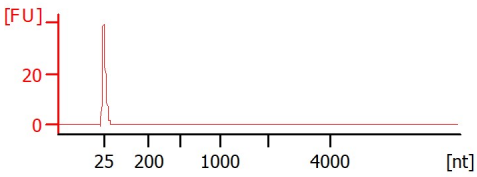
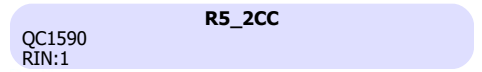
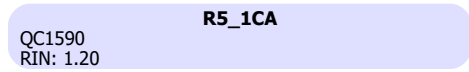
Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

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_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
 Modified: 8/26/2023 2:00:47 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
R5_1CC	QC1590	✓	RIN: 1.20	
R5_1CA	QC1590	✓	RIN: 1.20	
R5_2CC	QC1590	✓	RIN:1	
R5_2CA	QC1590	✓	RIN N/A	
R5_4CC	QC1590	✓	RIN N/A	
R5_4CA	QC1590	✓	RIN:1	
R6_1CC	QC1590	✓	RIN:1	
R6_1CA	QC1590	✓	RIN N/A	
R6_2CC	QC1590	✓	RIN:1	
R6_2CA	QC1590	✓	RIN:1	
R6_4CC	QC1590	✓	RIN:1	
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_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
 Modified: 8/26/2023 2:00:47 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

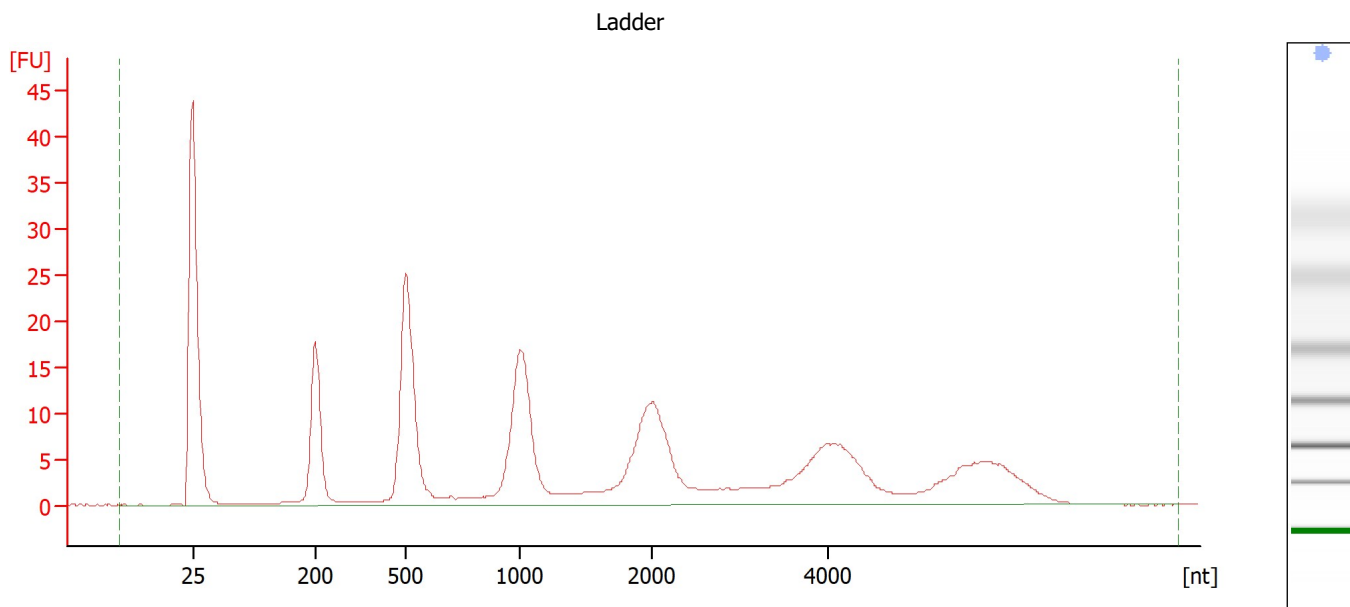
Ladder

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_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary



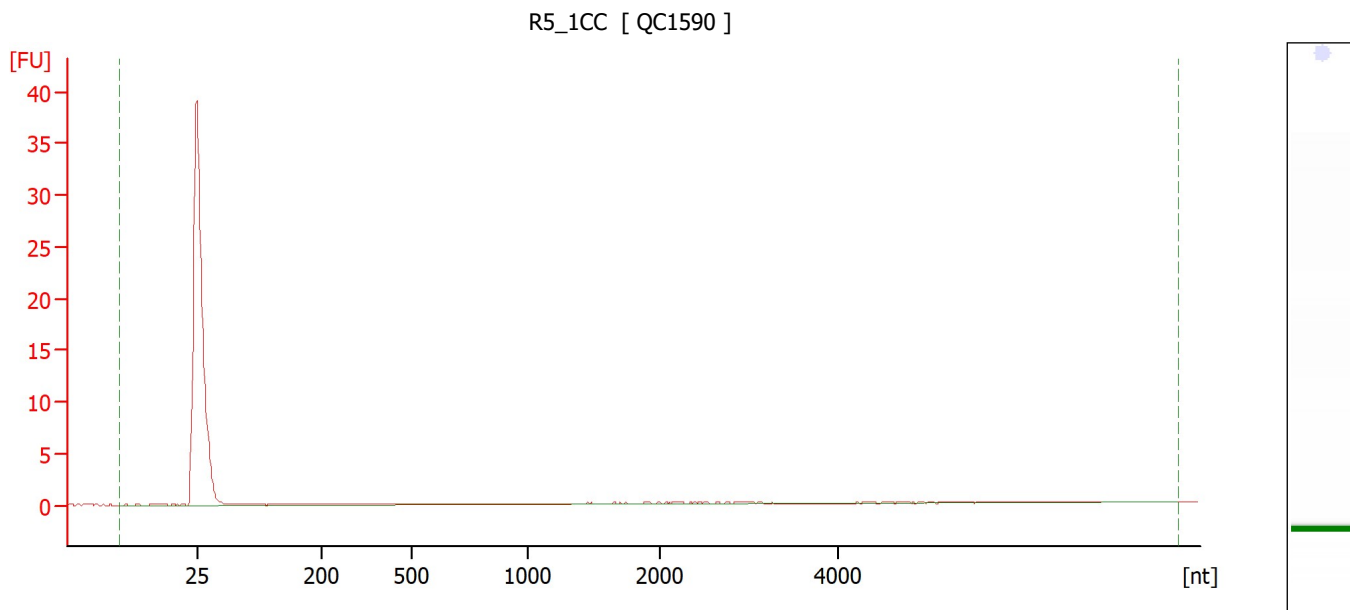
Overall Results for Ladder

RNA Area:	296.8	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_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



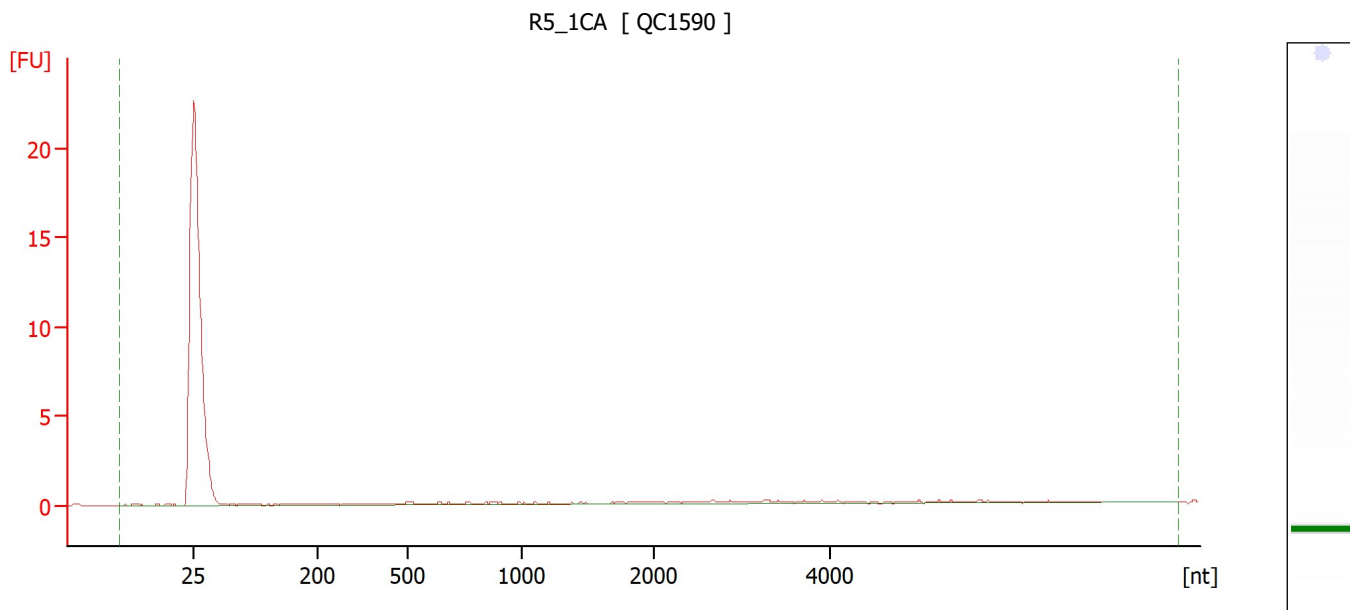
Overall Results for sample 1 : R5_1CC

RNA Area:	5.5	RNA Integrity Number (RIN):	1.2 (B.02.10)
RNA Concentration:	18 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.20

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
 Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



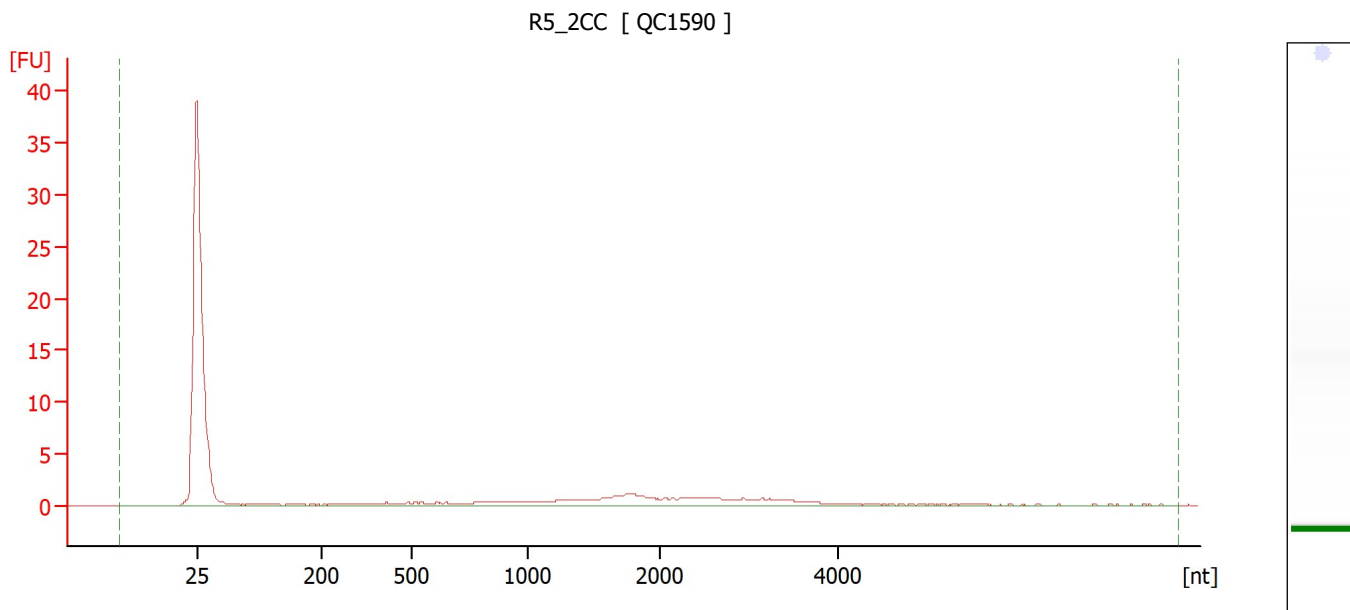
Overall Results for sample 2 : R5_1CA

RNA Area:	7.1	RNA Integrity Number (RIN):	1.2 (B.02.10)
RNA Concentration:	24 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.20

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
 Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



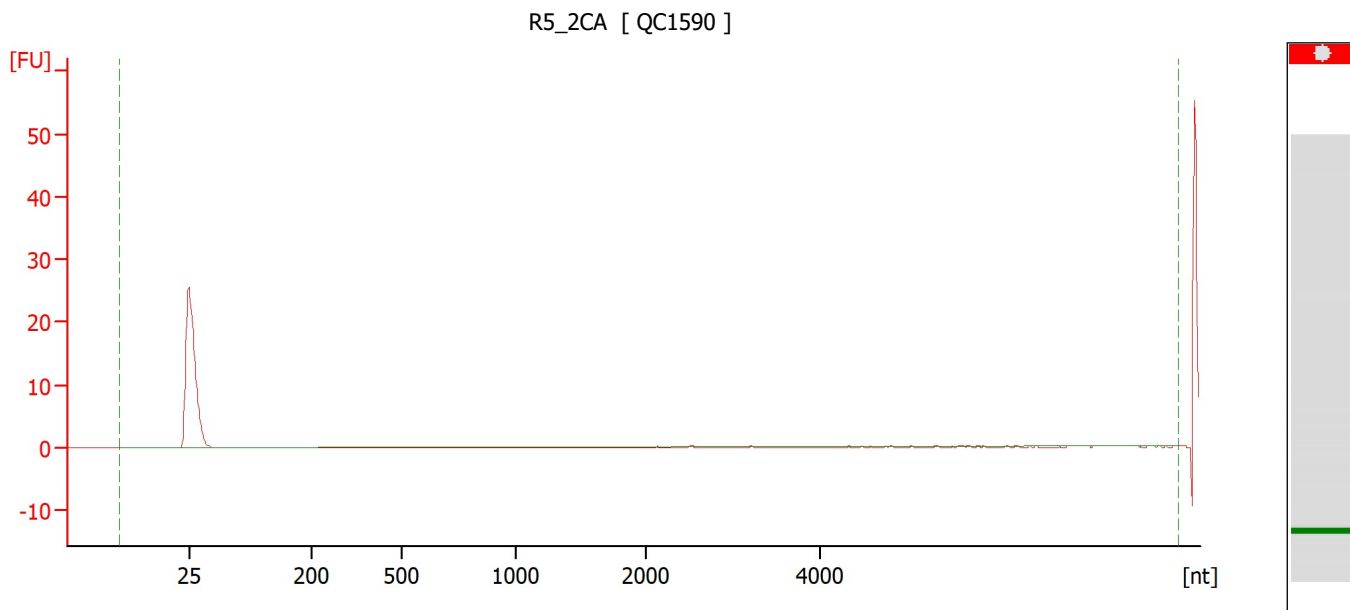
Overall Results for sample 3 : R5_2CC

RNA Area:	29.2	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	98 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
 Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



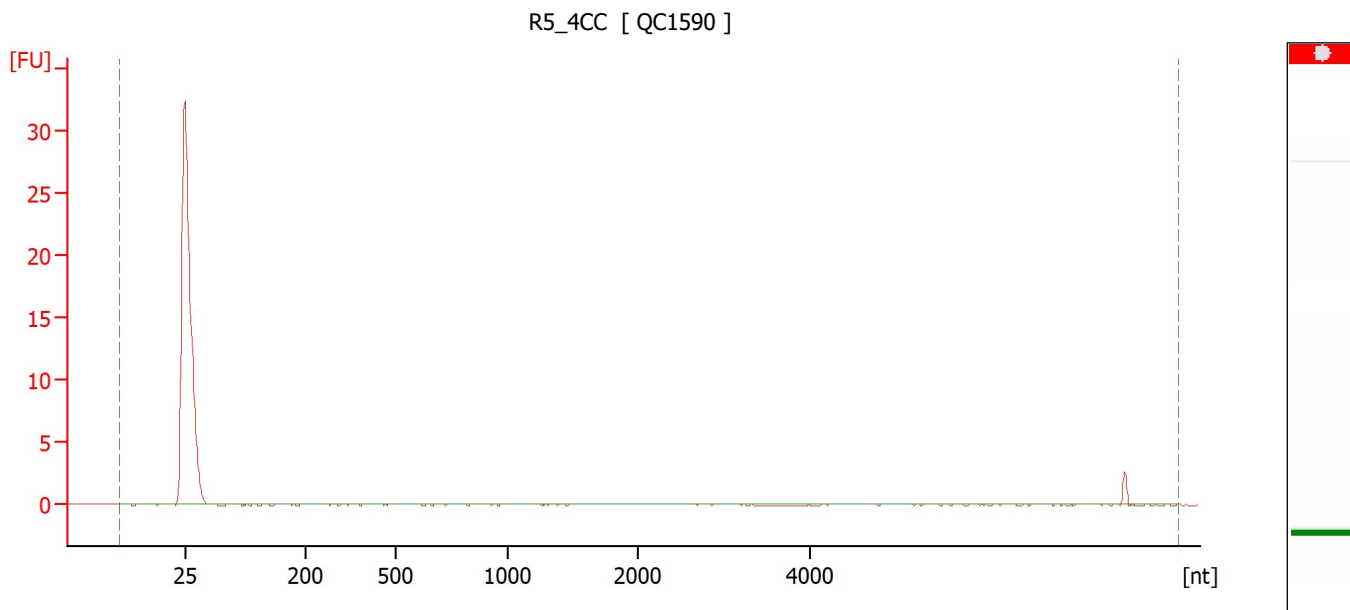
Overall Results for sample 4 : R5_2CA

RNA Area:	1.4	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	5 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
 Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



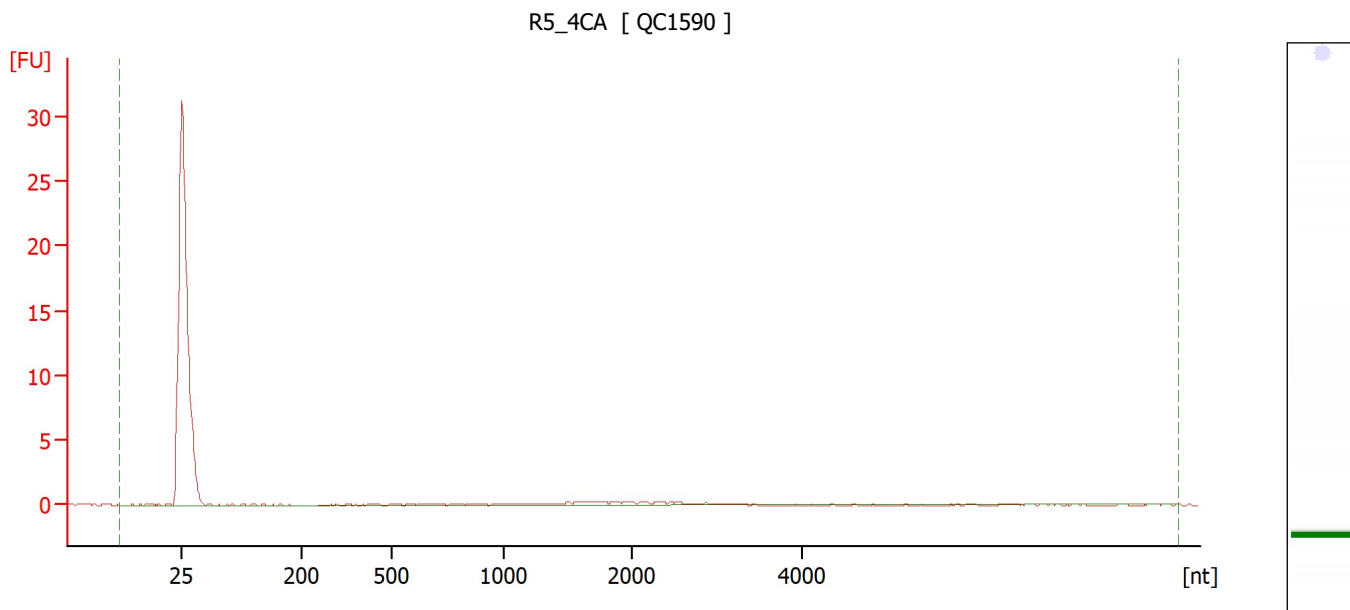
Overall Results for sample 5 : R5_4CC

RNA Area:	1.7	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	6 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



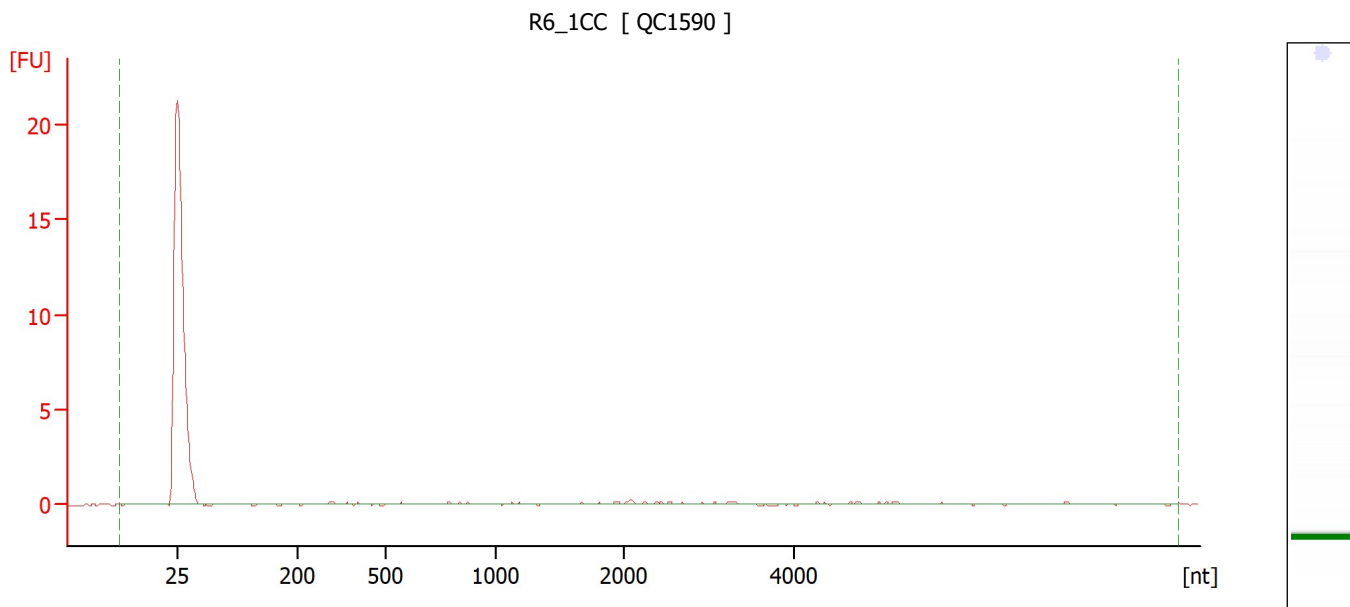
Overall Results for sample 6 : R5_4CA

RNA Area:	4.3	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	15 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



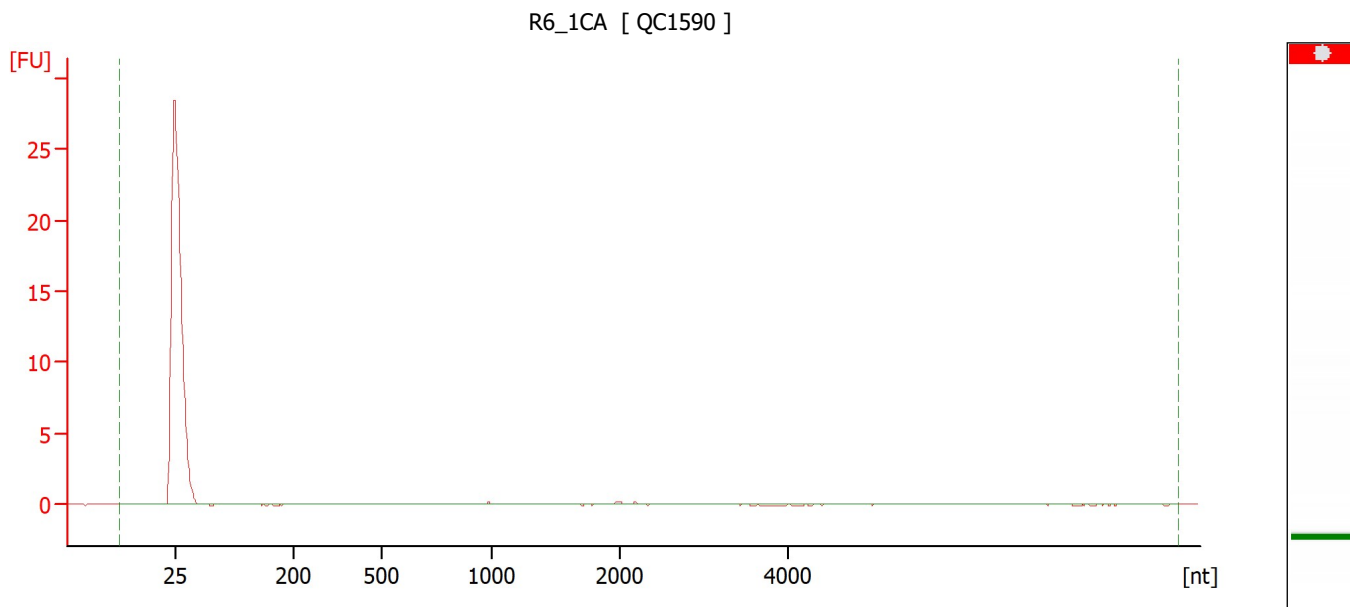
Overall Results for sample 7 : R6_1CC

RNA Area:	4.2	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	14 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
 Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



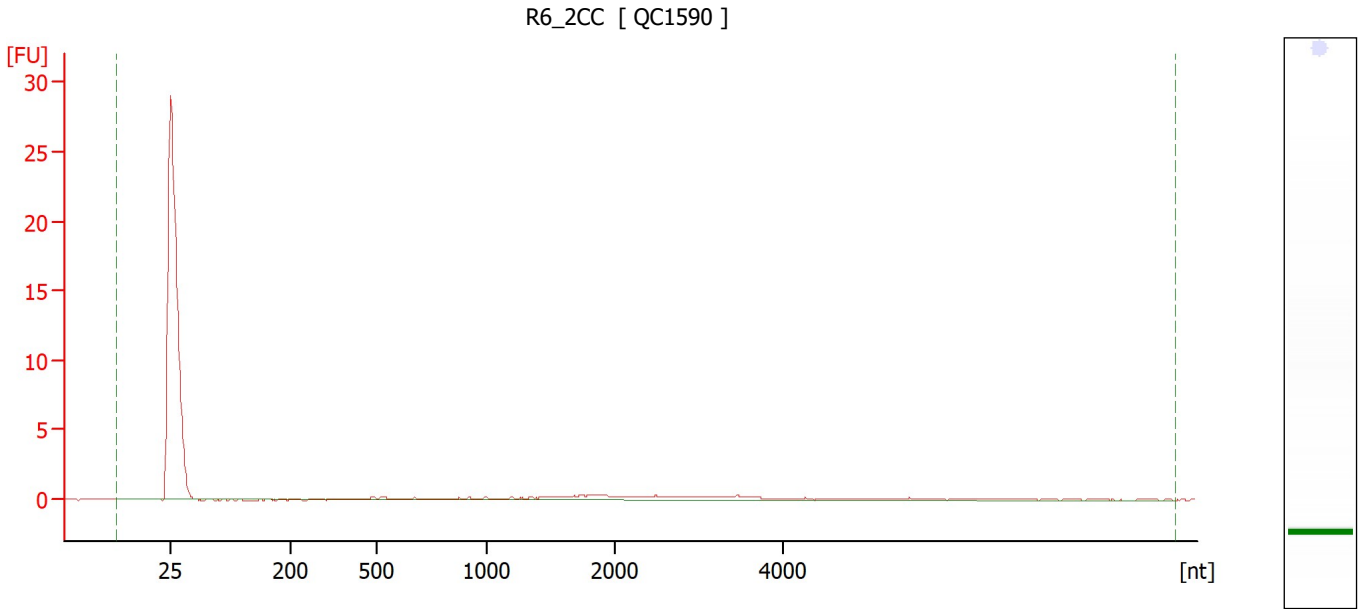
Overall Results for sample 8 : R6_1CA

RNA Area:	1.6	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	5 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



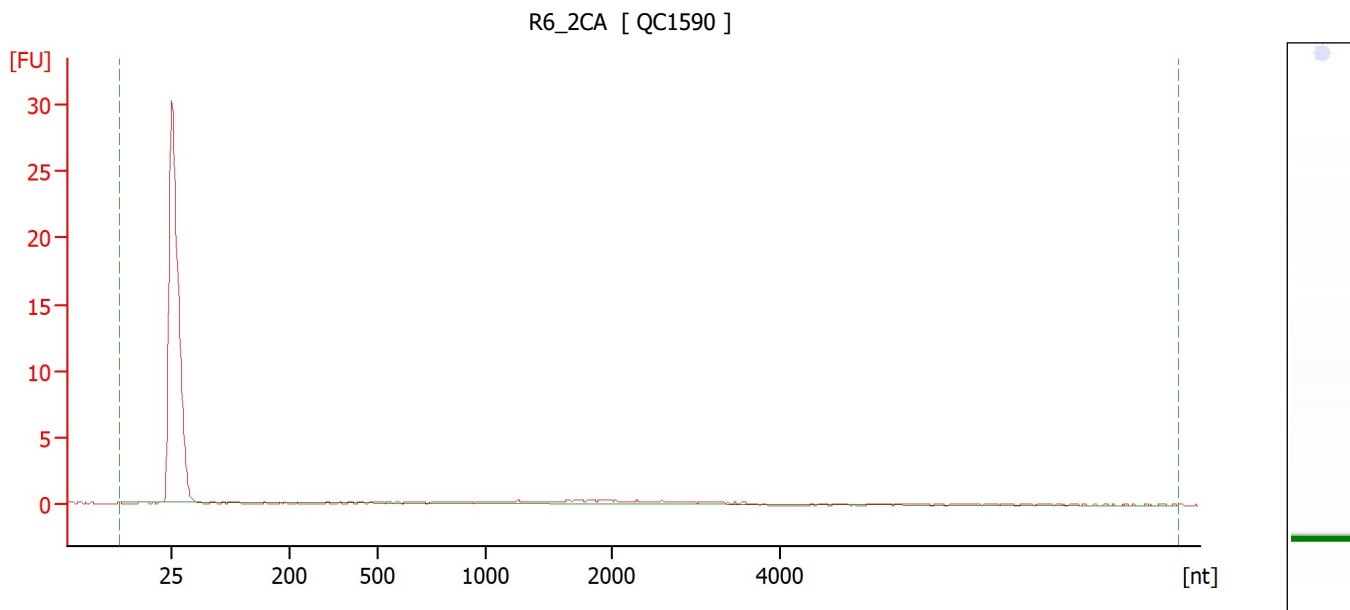
Overall Results for sample 9 : R6_2CC

RNA Area:	6.9	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	23 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
 Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



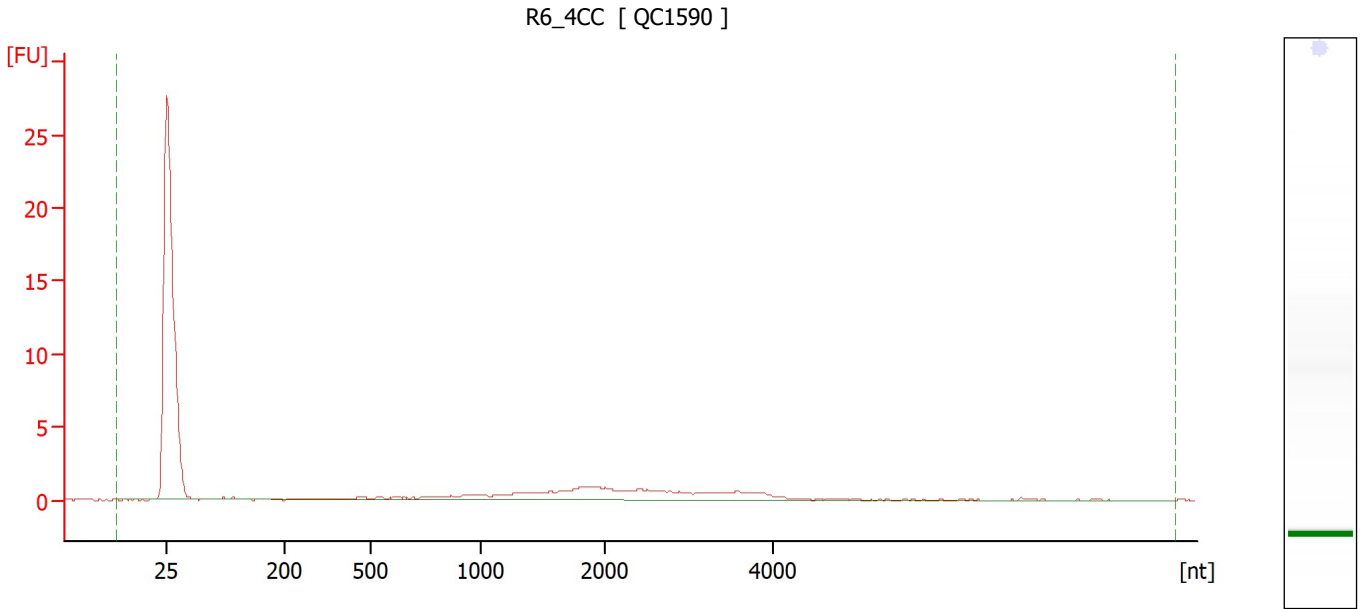
Overall Results for sample 10 : R6_2CA

RNA Area:	7.0	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	24 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
Modified: 8/26/2023 2:00:47 PM

Electropherogram Summary Continued ...



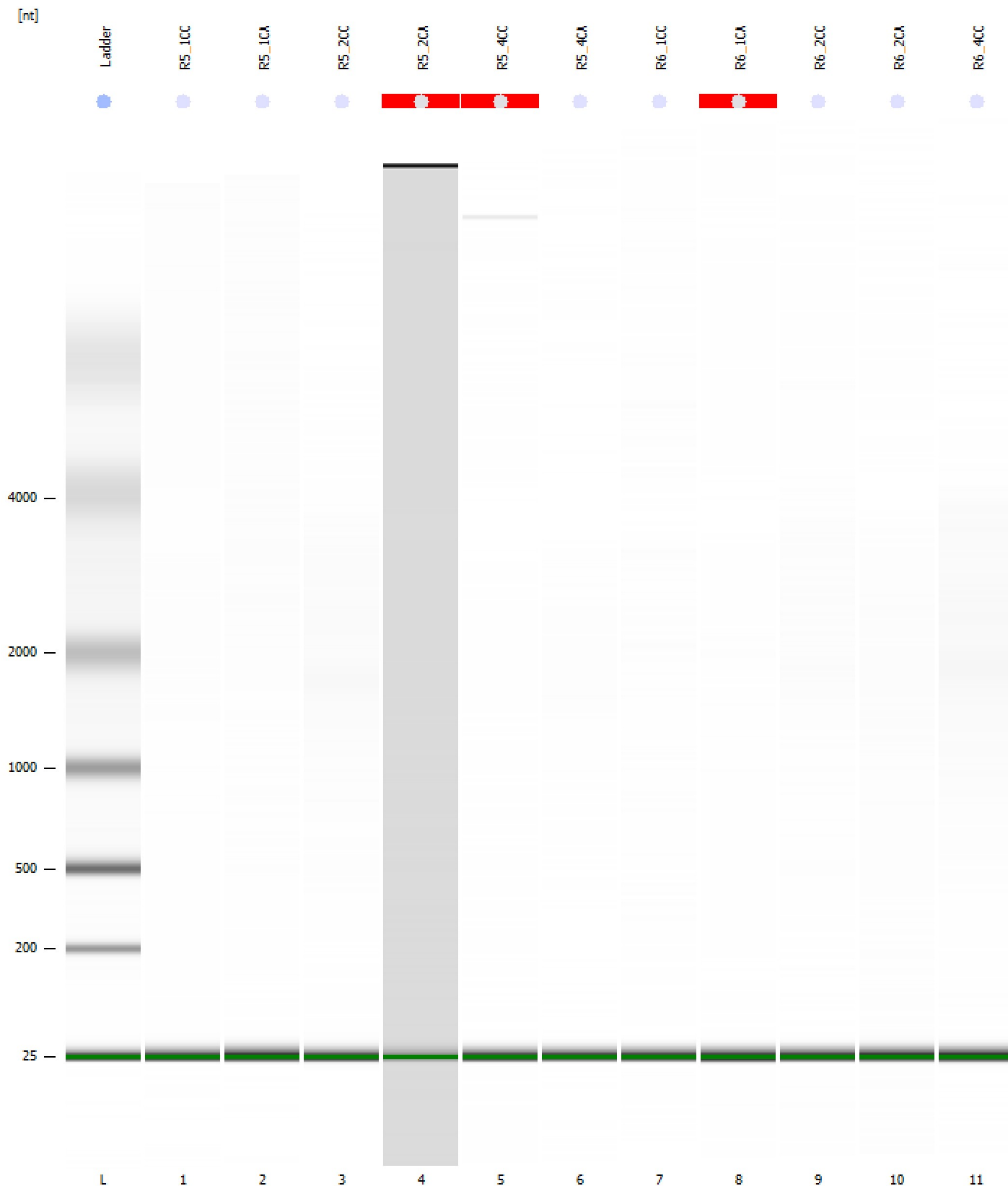
Overall Results for sample 11 : R6_4CC

RNA Area:	24.7	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	83 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
Modified: 8/26/2023 2:00:47 PM

Gel Image

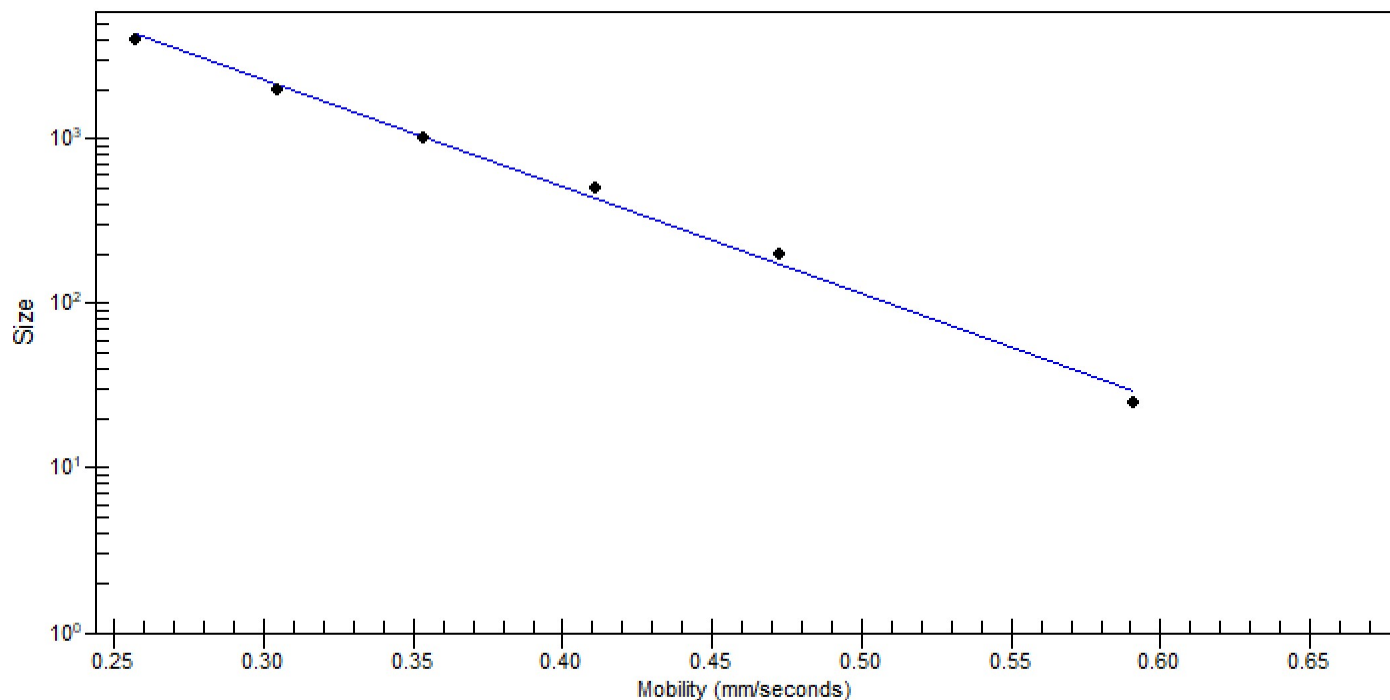


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad

Created: 8/26/2023 1:37:36 PM
Modified: 8/26/2023 2:00:47 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad
 Created: 8/26/2023 1:37:36 PM
 Modified: 8/26/2023 2:00:47 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		8/26/2023 2:00:39 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\2023-08-26\Bioanalyzer1_Eukaryote Total RNA Pico_DE34903152_2023-08-26_001.xad)		Instrument	Run		8/26/2023 1:37:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		8/26/2023 1:37:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		8/26/2023 1:37:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		8/26/2023 1:37:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		8/26/2023 1:37:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		8/26/2023 1:37:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		8/26/2023 1:37:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB