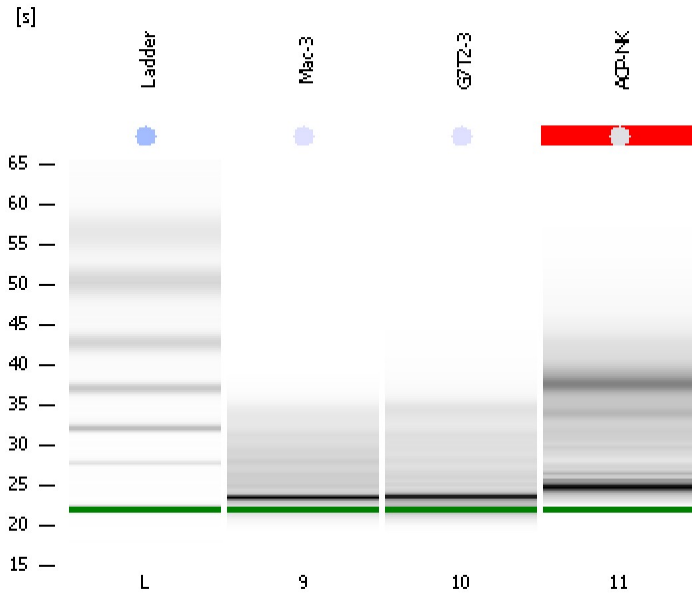


Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...0 expert\data\2019-07-11\2019-07-11_002_HiSeq1883_RNAQC.xad

Created: 7/11/2019 3:42:10 PM
 Modified: 7/11/2019 4:07:46 PM

Electrophoresis File Run Summary



Instrument Information:

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

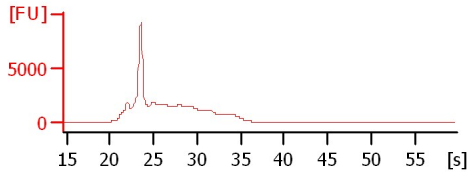
Assay Information:

Assay Origin Path: C:\Program Files\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)
 © Copyright 2003 - 2009 Agilent Technologies, Inc.

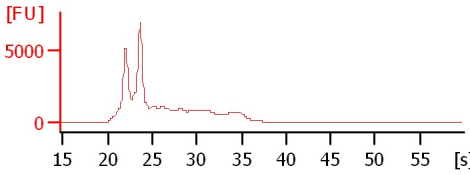
Chip Information:

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

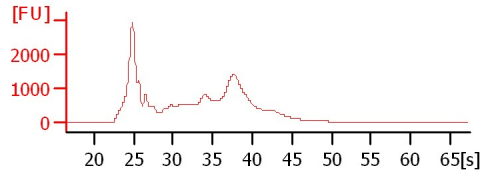
Mac-3
 HiSeq_1883
 RIN: 2.20



G7T2-3
 HiSeq_1883
 RIN: 2.30



ACP-NK
 HiSeq_1883
 RIN N/A



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...0 expert\data\2019-07-11\2019-07-11_002_HiSeq1883_RNAQC.xad

Created: 7/11/2019 3:42:10 PM
 Modified: 7/11/2019 4:07:46 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Mac-3	HiSeq_1883	✓	RIN: 2.20	
G7T2-3	HiSeq_1883	✓	RIN: 2.30	
ACP-NK	HiSeq_1883	✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...0 expert\data\2019-07-11\2019-07-11_002_HiSeq1883_RNAQC.xad

Created: 7/11/2019 3:42:10 PM
Modified: 7/11/2019 4:07:46 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/ μ l] : 1000
Lower Marker Concentration [pg/ μ l] : 0
Upper Marker Concentration [pg/ μ l] : 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

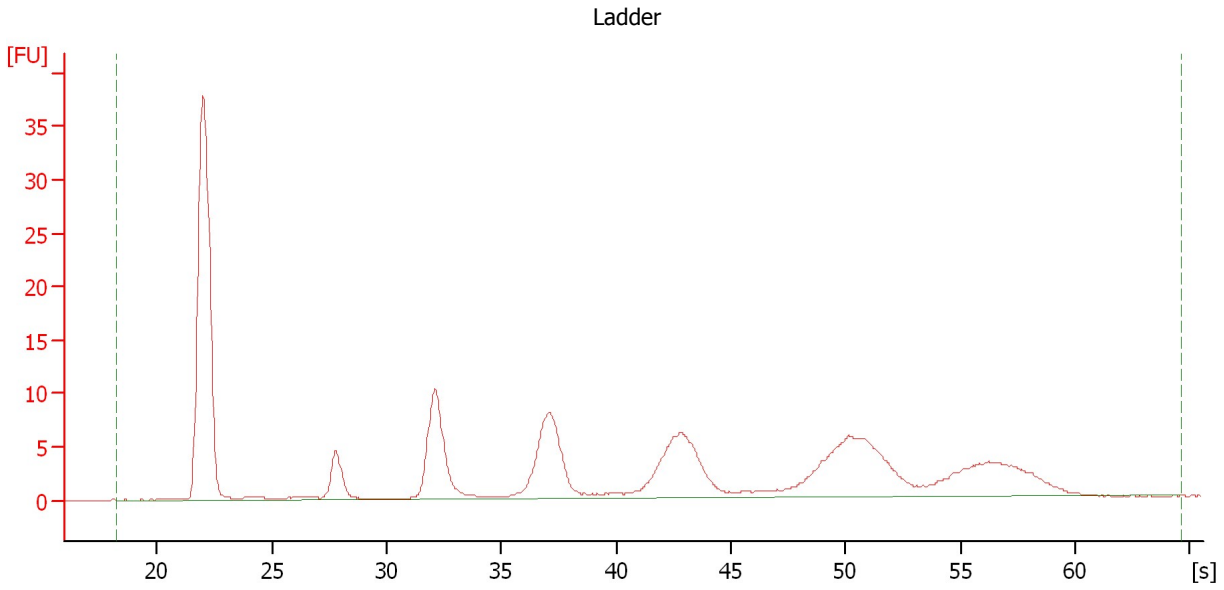
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...0 expert\data\2019-07-11\2019-07-11_002_HiSeq1883_RNAQC.xad

Created: 7/11/2019 3:42:10 PM
Modified: 7/11/2019 4:07:46 PM

Electropherogram Summary



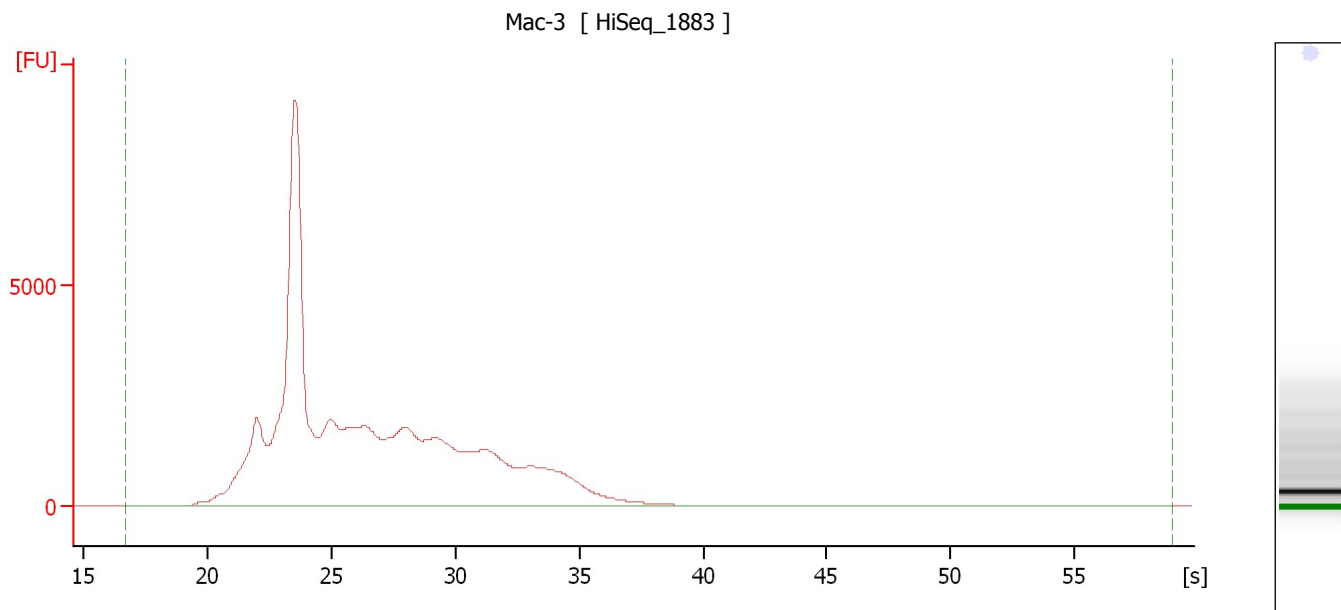
Overall Results for Ladder

RNA Area:	163.4	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...0 expert\data\2019-07-11\2019-07-11_002_HiSeq1883_RNAQC.xad

Created: 7/11/2019 3:42:10 PM
 Modified: 7/11/2019 4:07:46 PM

Electropherogram Summary Continued ...



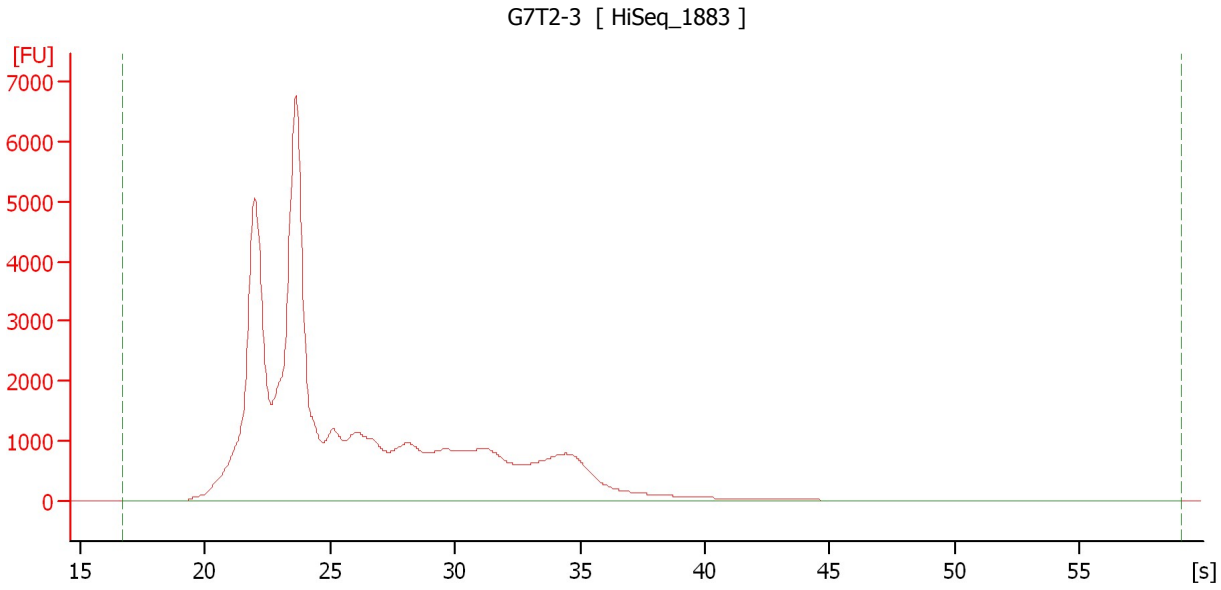
Overall Results for sample 9 : Mac-3

RNA Area:	81,881.4	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	501,214 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:\...0 expert\data\2019-07-11\2019-07-11_002_HiSeq1883_RNAQC.xad

Created: 7/11/2019 3:42:10 PM
Modified: 7/11/2019 4:07:46 PM

Electropherogram Summary Continued ...



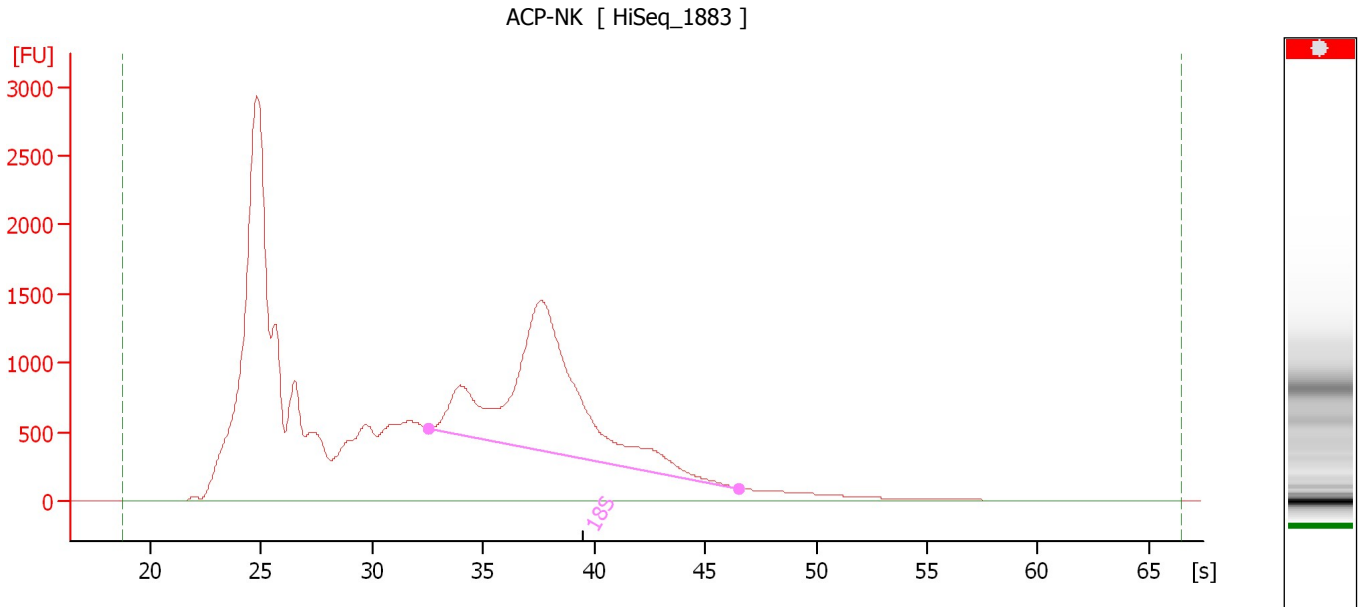
Overall Results for sample 10 : G7T2-3

RNA Area:	58,510.8	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	358,158 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:\...0 expert\data\2019-07-11\2019-07-11_002_HiSeq1883_RNAQC.xad

Created: 7/11/2019 3:42:10 PM
 Modified: 7/11/2019 4:07:46 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : ACP-NK

RNA Area:	50,908.7	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	311,624 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

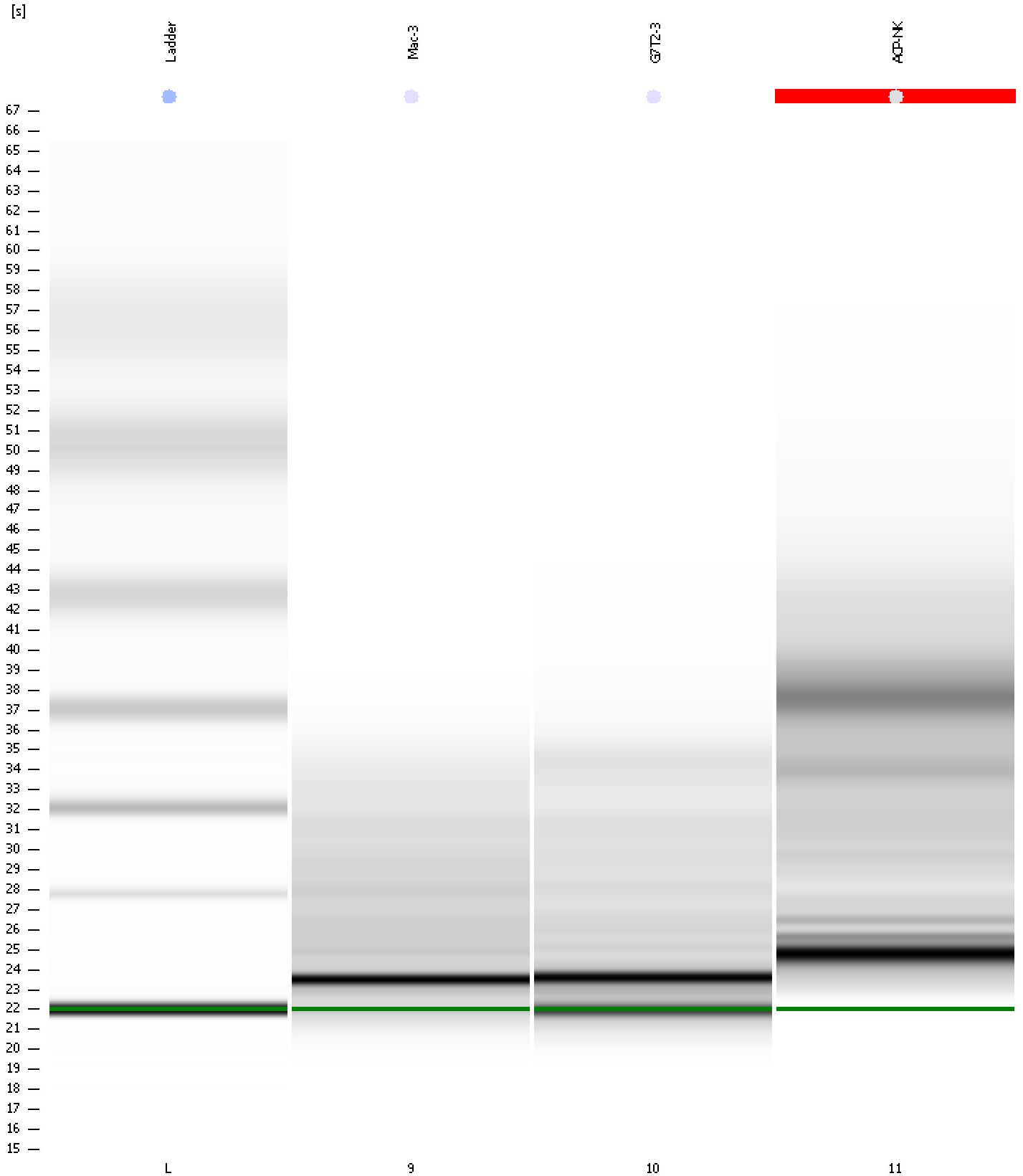
Fragment table for sample 11 : ACP-NK

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	32.59	46.50	10,512.8	20.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...0 expert\data\2019-07-11\2019-07-11_002_HiSeq1883_RNAQC.xad

Created: 7/11/2019 3:42:10 PM
Modified: 7/11/2019 4:07:46 PM

Gel Image

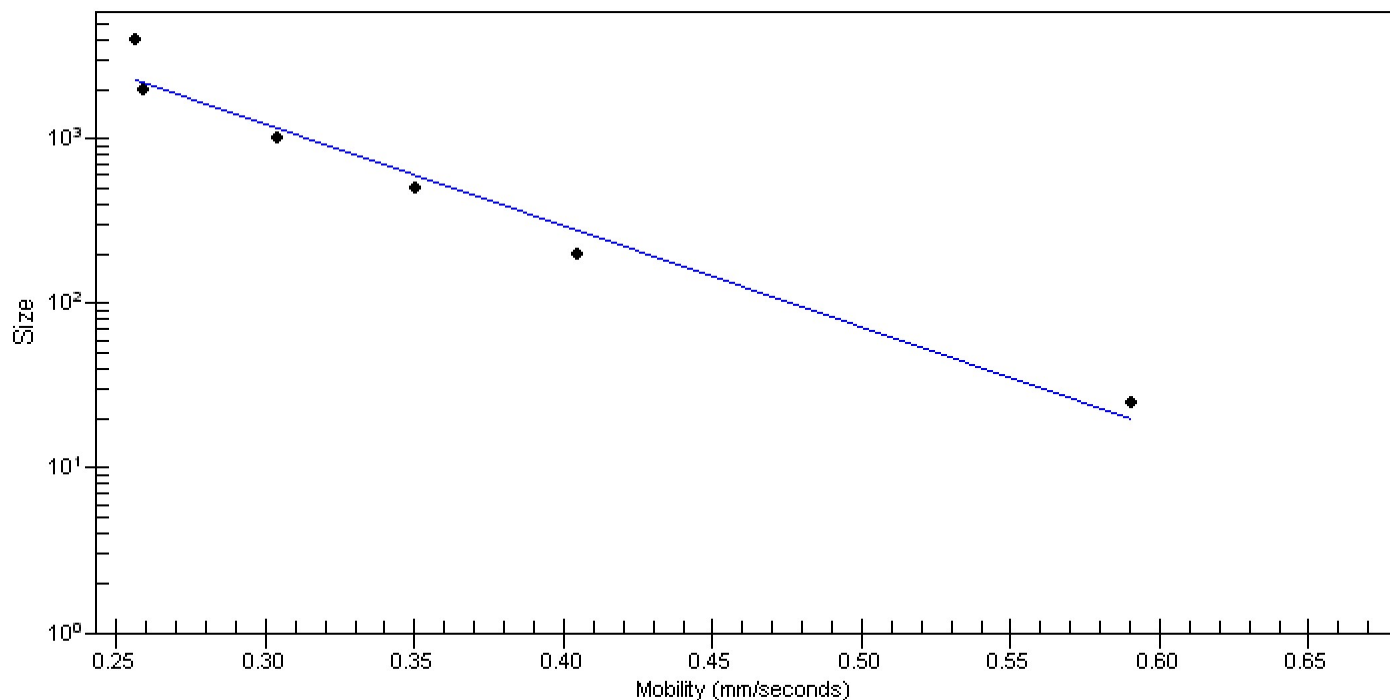


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...0 expert\data\2019-07-11\2019-07-11_002_HiSeq1883_RNAQC.xad

Created: 7/11/2019 3:42:10 PM
Modified: 7/11/2019 4:07:46 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...0 expert\data\2019-07-11\2019-07-11_002_HiSeq1883_RNAQC.xad

Created: 7/11/2019 3:42:10 PM
 Modified: 7/11/2019 4:07:46 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		7/11/2019 4:05:05 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2019-07-11\2019-07-11_002.xad)		Instrument	Run		7/11/2019 3:42:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		7/11/2019 3:42:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		7/11/2019 3:42:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		7/11/2019 3:42:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		7/11/2019 3:42:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		7/11/2019 3:42:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		7/11/2019 3:42:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1