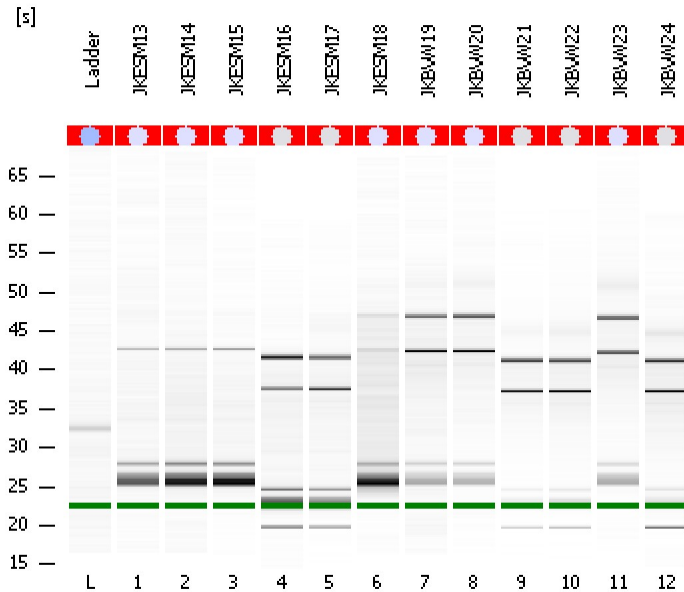


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electrophoresis File Run Summary



Instrument Information:

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

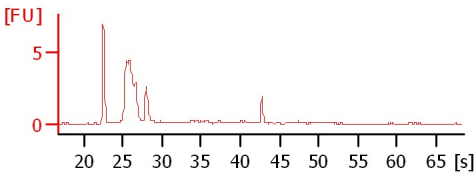
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy
Assay Class: Eukaryote Total RNA Nano
Version: 2.6
Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)
© Copyright 2003 - 2009 Agilent Technologies, Inc.

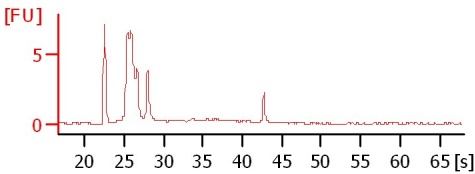
Chip Information:

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

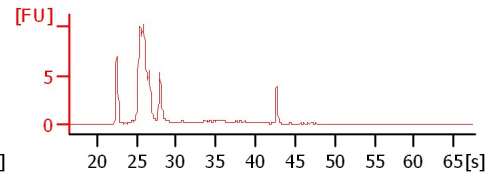
JKESM13
RIN:3



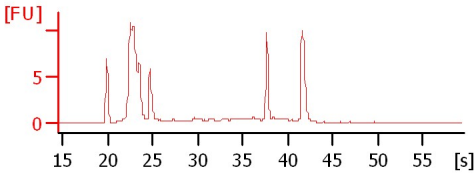
JKESM14
RIN:3



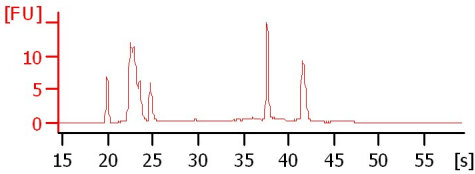
JKESM15
RIN: 3.10



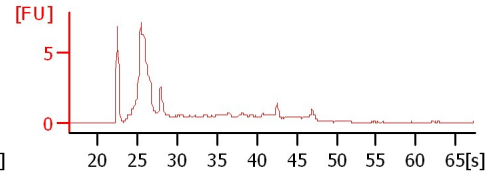
JKESM16
RIN N/A



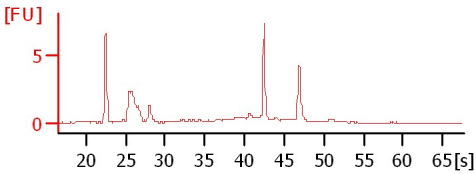
JKESM17
RIN N/A



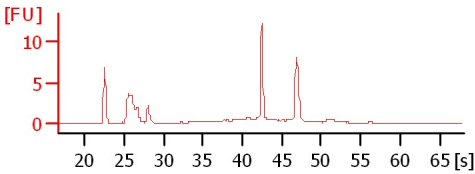
JKESM18
RIN: 2.70



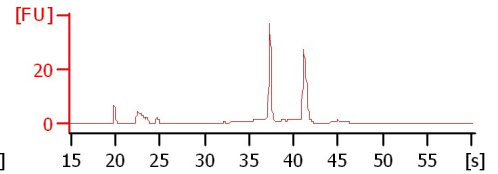
JKBVW19
RIN: 6.50



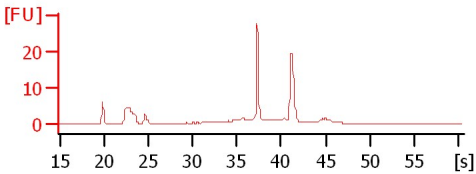
JKBVW20
RIN: 6.70



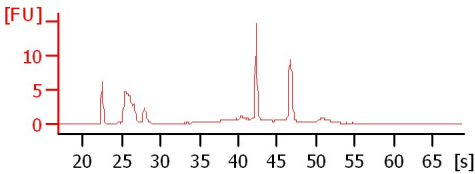
JKBVW21
RIN N/A



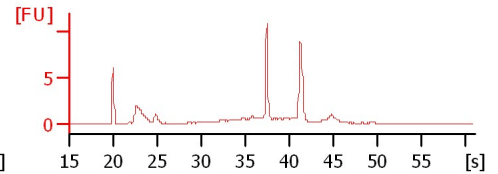
JKBVW22
RIN N/A



JKBVW23
RIN: 6.50



JKBVW24
RIN N/A



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
 Modified: 5/14/2018 3:05:09 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
JKESM13		✓	RIN:3	
JKESM14		✓	RIN:3	
JKESM15		✓	RIN: 3.10	
JKESM16		✓	RIN N/A	
JKESM17		✓	RIN N/A	
JKESM18		✓	RIN: 2.70	
JKBVW19		✓	RIN: 6.50	
JKBVW20		✓	RIN: 6.70	
JKBVW21		✓	RIN N/A	
JKBVW22		✓	RIN N/A	
JKBVW23		✓	RIN: 6.50	
JKBVW24		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 19
End Analysis Time Range [s] : 69
Ladder Concentration [ng/ μ l] : 150
Lower Marker Concentration [ng/ μ l] : 0
Upper Marker Concentration [ng/ 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] : 19
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

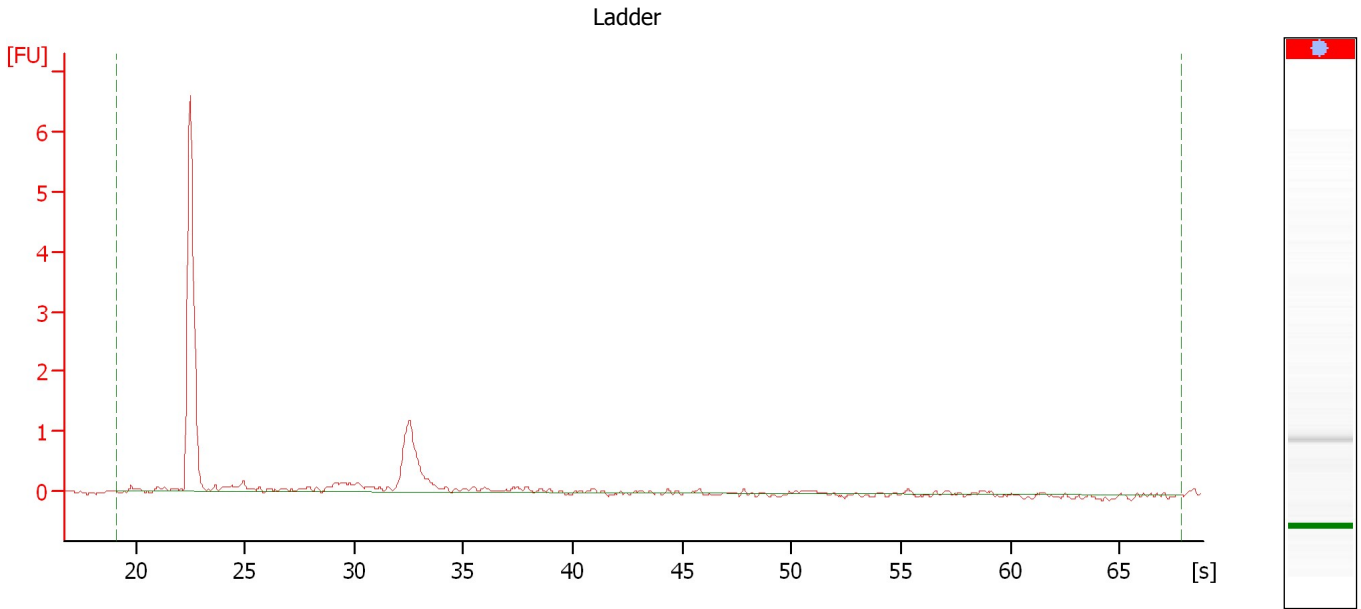
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary



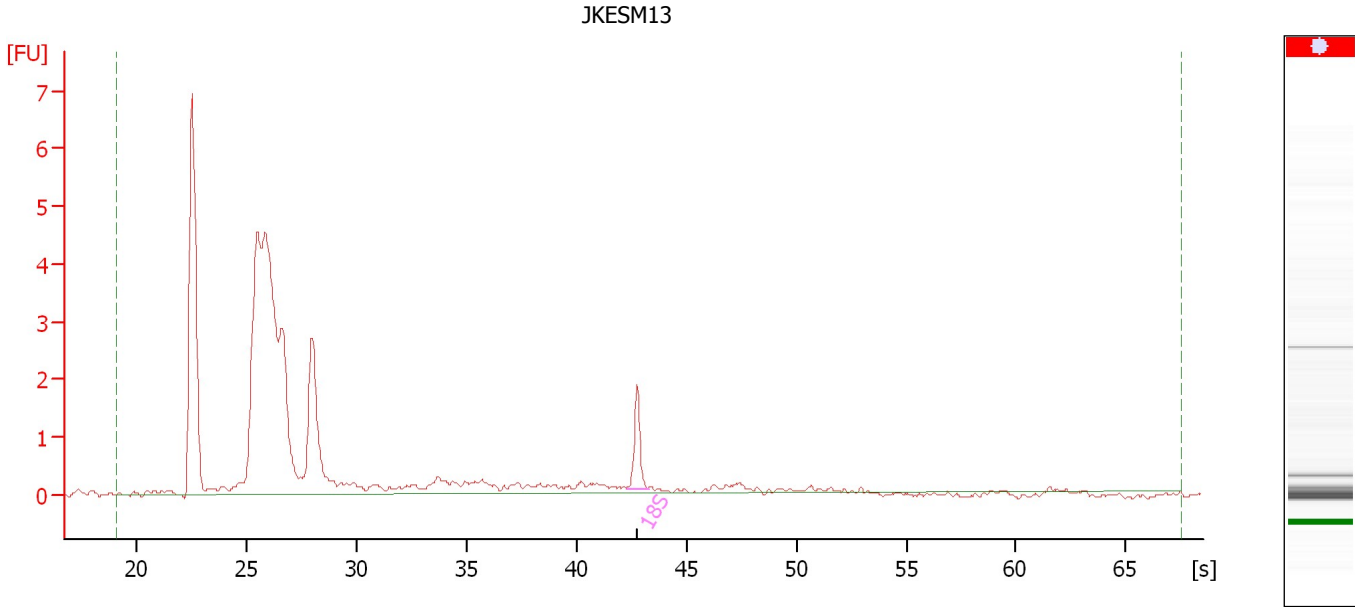
Overall Results for Ladder

RNA Area:	5.8	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : JKESM13

RNA Area:	38.9	RNA Integrity Number (RIN):	3 (B.02.08)
RNA Concentration:	1,002 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:3

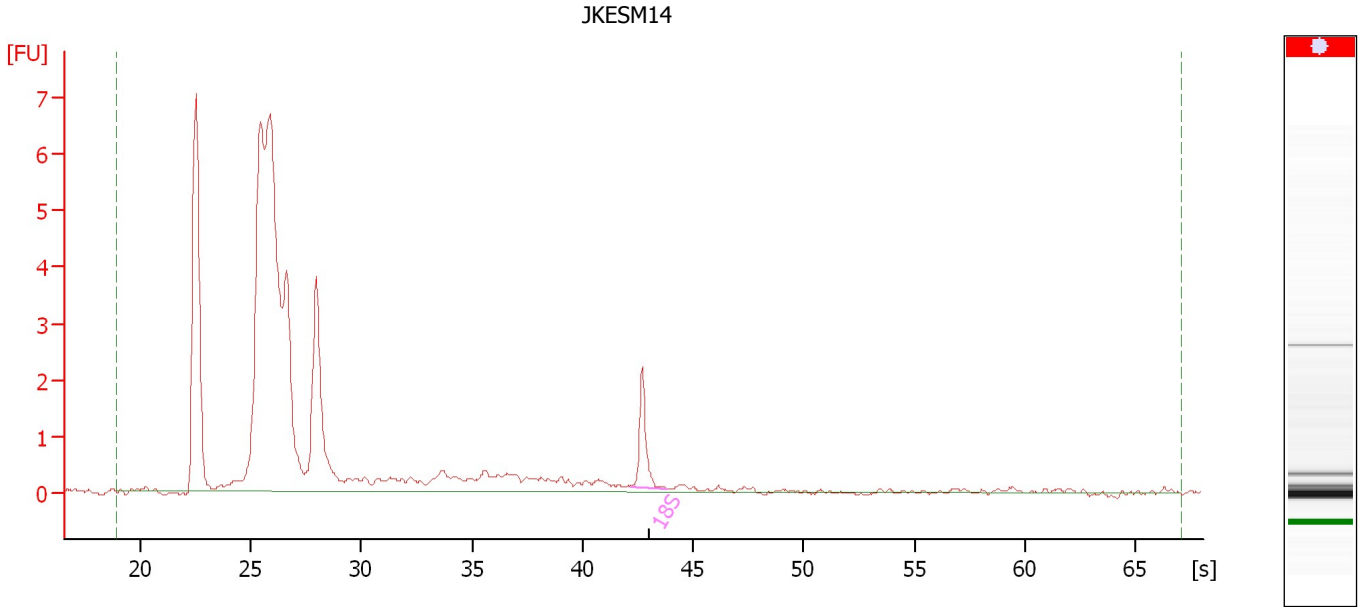
Fragment table for sample 1 : JKESM13

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	1.3	3.2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : JKESM14

RNA Area:	53.5	RNA Integrity Number (RIN):	3 (B.02.08)
RNA Concentration:	1,376 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:3

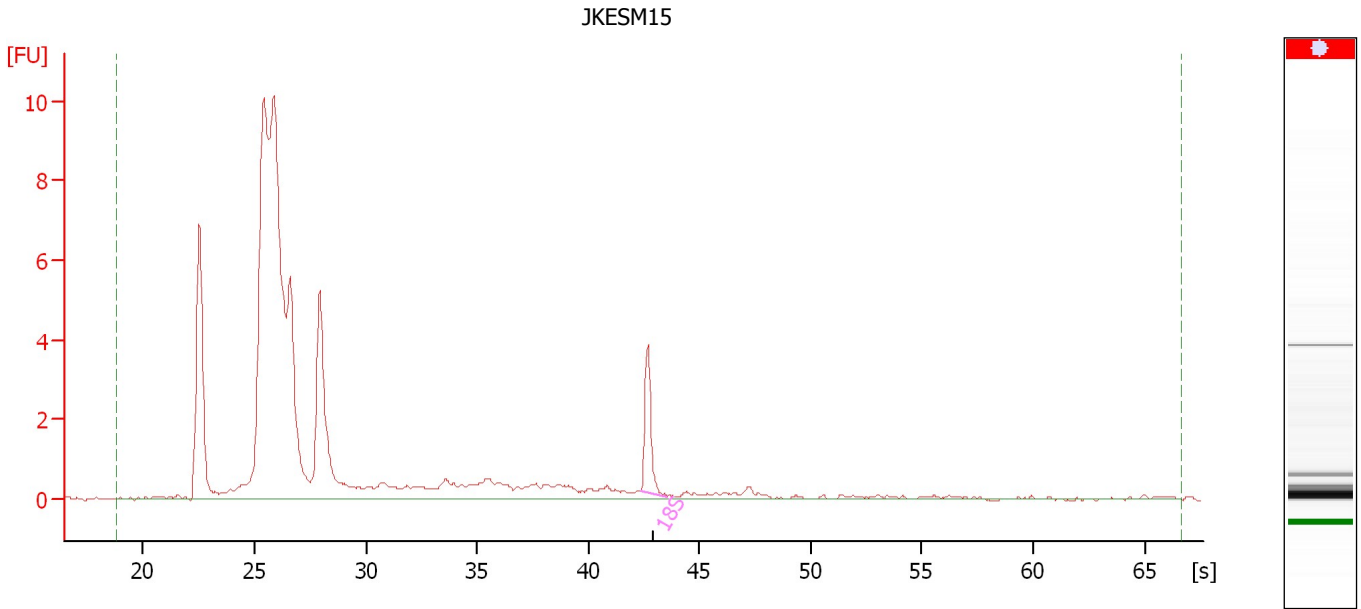
Fragment table for sample 2 : JKESM14

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	1.7	3.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : JKESM15

RNA Area:	77.8	RNA Integrity Number (RIN):	3.1 (B.02.08)
RNA Concentration:	2,003 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 3.10

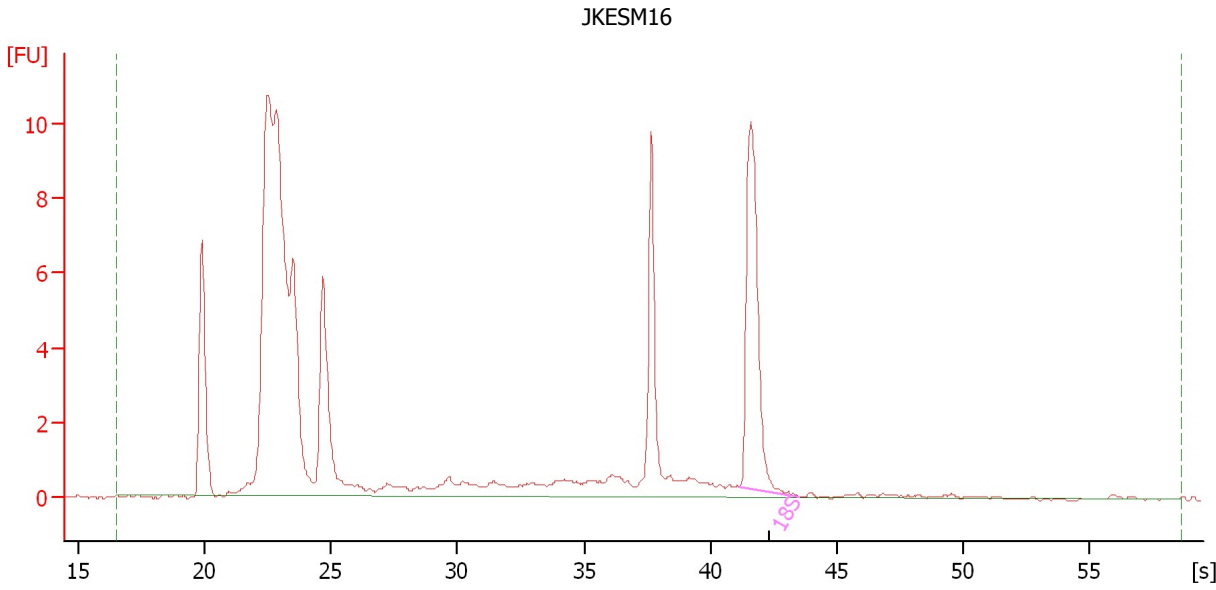
Fragment table for sample 3 : JKESM15

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	2.6	3.3

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : JKESM16

RNA Area:	56.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1,446 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

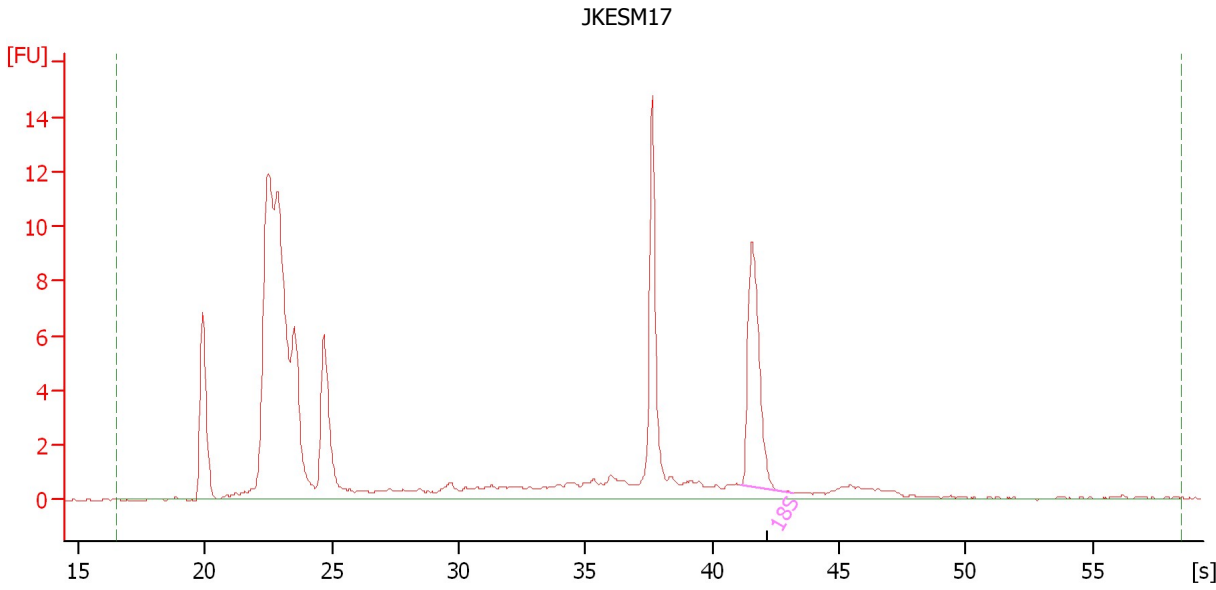
Fragment table for sample 4 : JKESM16

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	12.1	21.5

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : JKESM17

RNA Area:	68.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1,762 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

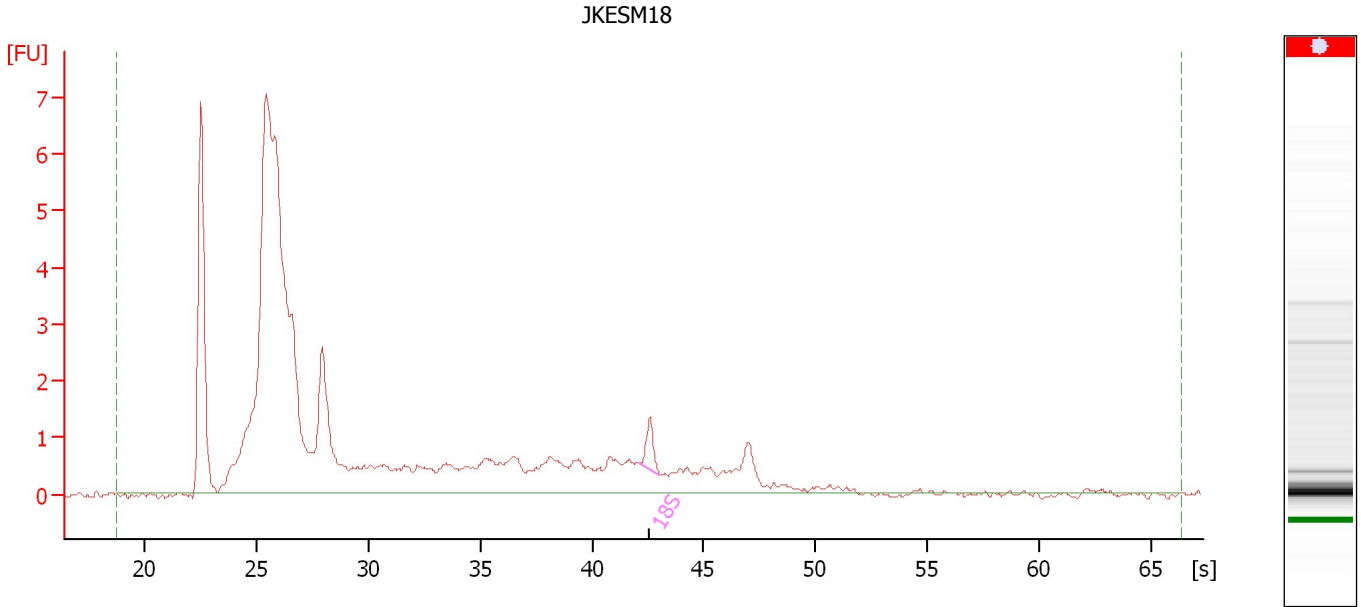
Fragment table for sample 5 : JKESM17

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	11.0	16.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : JKESM18

RNA Area: 70.5 RNA Integrity Number (RIN): 2.7 (B.02.08)
RNA Concentration: 1,815 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN: 2.70

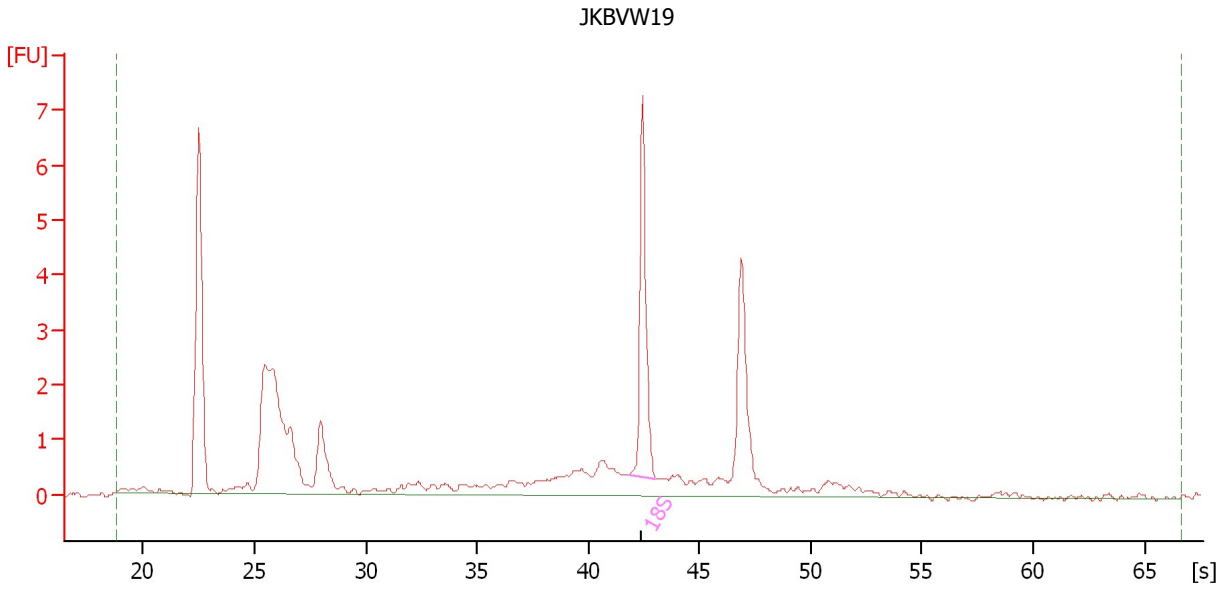
Fragment table for sample 6 : JKESM18

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	0.8	1.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : JKBVW19

RNA Area:	36.7	RNA Integrity Number (RIN):	6.5 (B.02.08)
RNA Concentration:	946 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 6.50

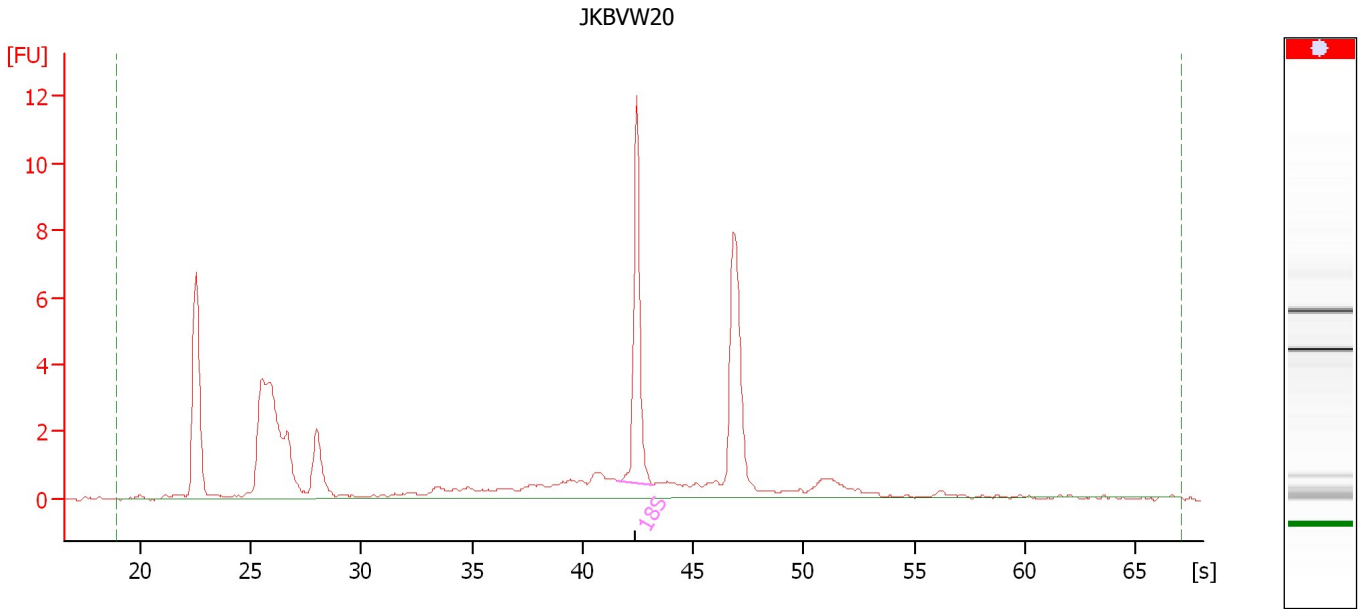
Fragment table for sample 7 : JKBVW19

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	5.1	14.0

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : JKBVW20

RNA Area:	55.7	RNA Integrity Number (RIN):	6.7 (B.02.08)
RNA Concentration:	1,434 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 6.70

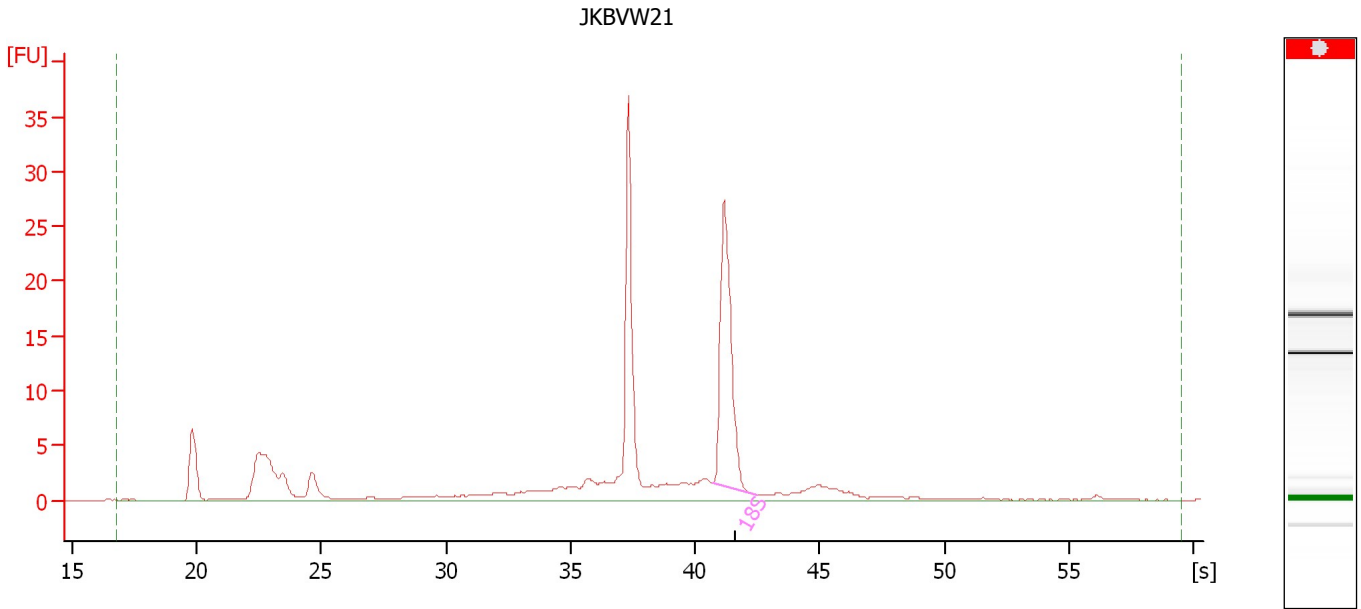
Fragment table for sample 8 : JKBVW20

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	8.6	15.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : JKBVW21

RNA Area:	123.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3,173 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

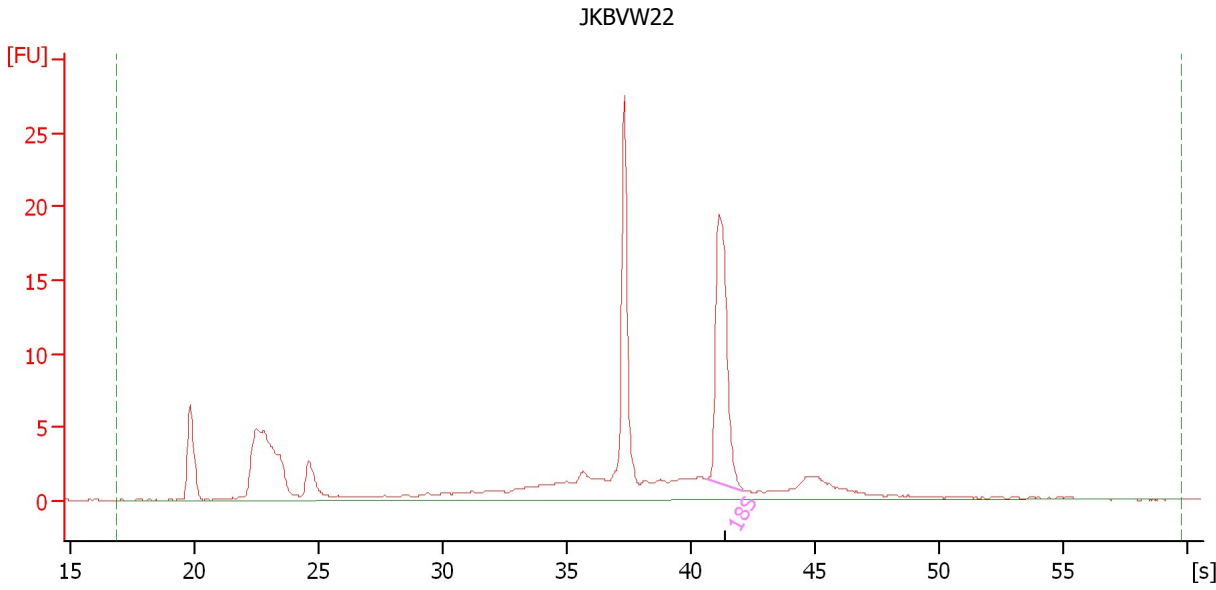
Fragment table for sample 9 : JKBVW21

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	31.4	25.5

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : JKBVW22

RNA Area:	114.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2,939 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

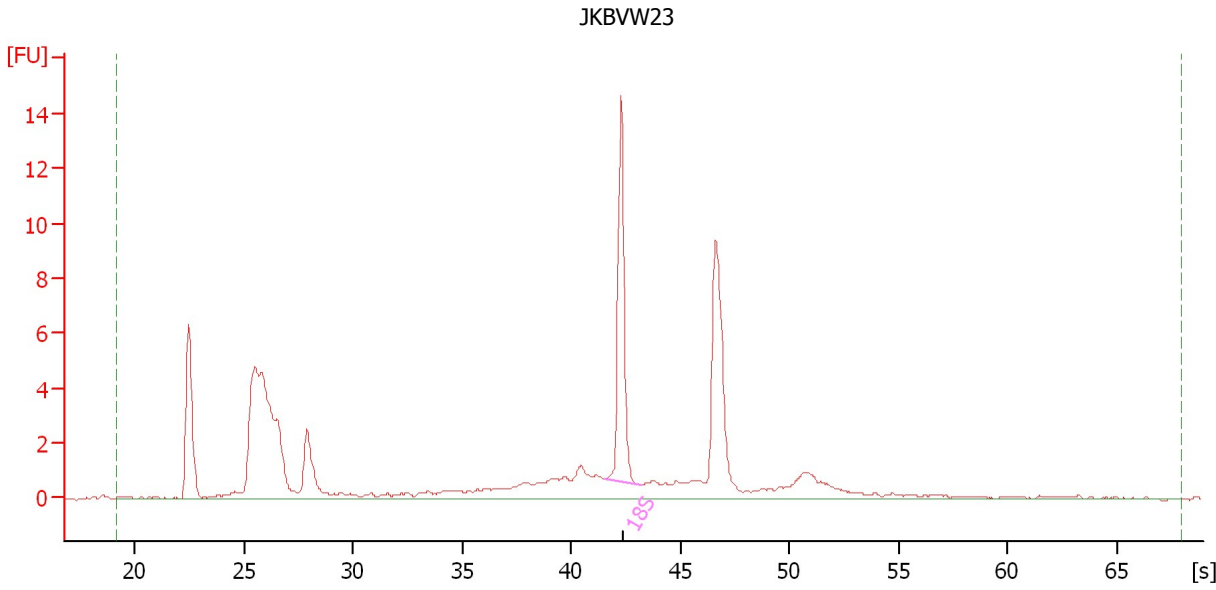
Fragment table for sample 10 : JKBVW22

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	22.9	20.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : JKBVW23

RNA Area:	77.1	RNA Integrity Number (RIN):	6.5 (B.02.08)
RNA Concentration:	1,986 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 6.50

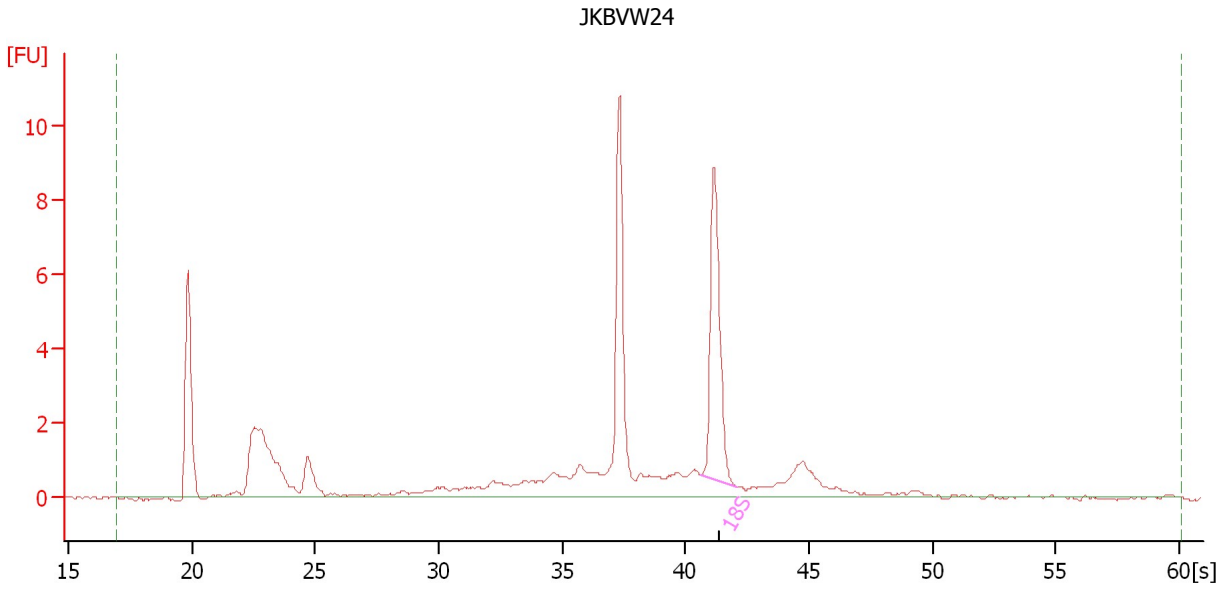
Fragment table for sample 11 : JKBVW23

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	10.3	13.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Electropherogram Summary Continued ...



Overall Results for sample 12 : JKBVW24

RNA Area:	49.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1,272 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 12 : JKBVW24

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	0	0	9.2	18.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-05-14\2018-05-14_003.xad

Created: 5/14/2018 2:42:02 PM
Modified: 5/14/2018 3:05:09 PM

Gel Image

