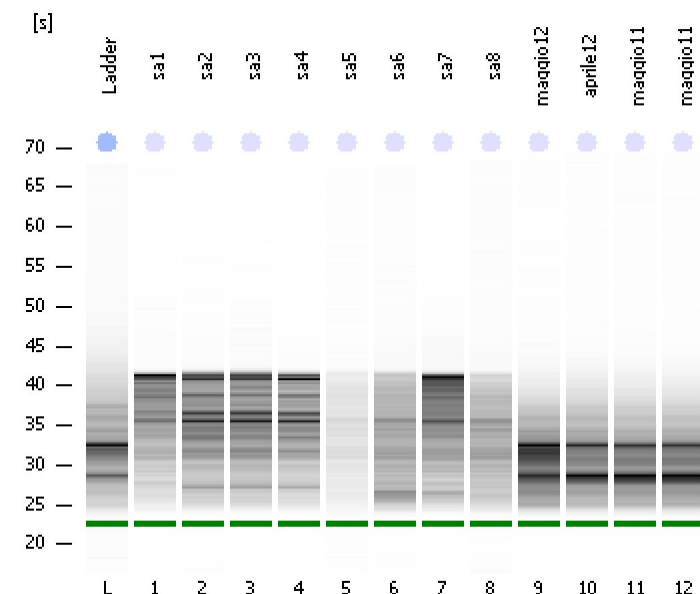


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE04103293
Serial#: DE04103293

Firmware: C.01.069
Type: G2939A

Assay Information:

Assay Origin Path: C:\Programmi\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)

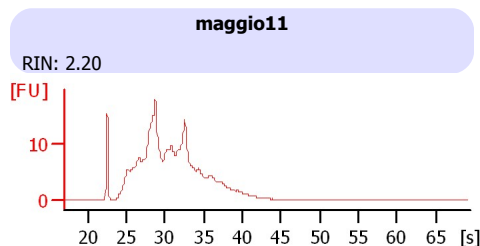
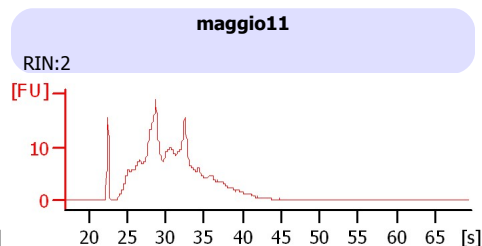
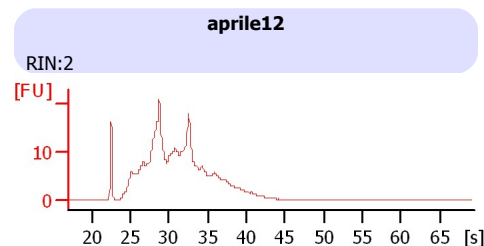
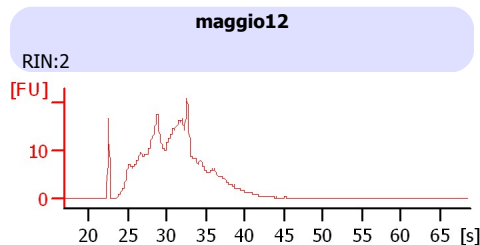
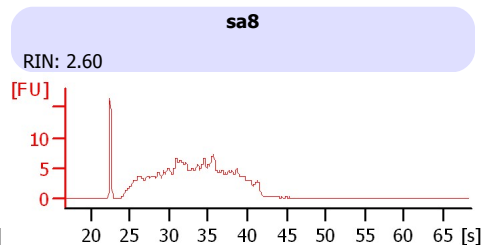
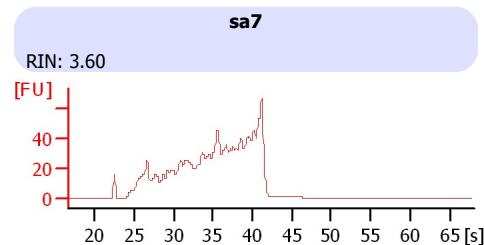
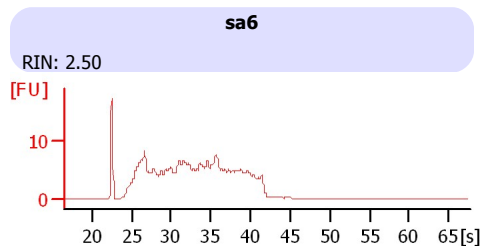
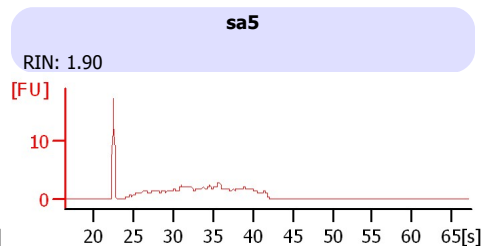
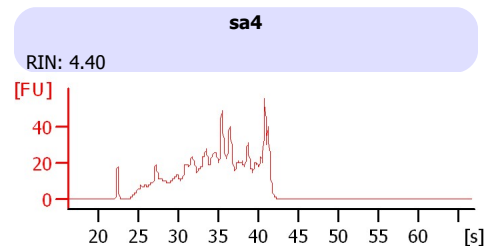
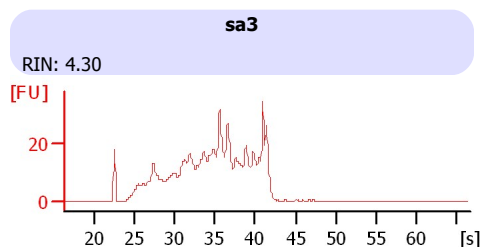
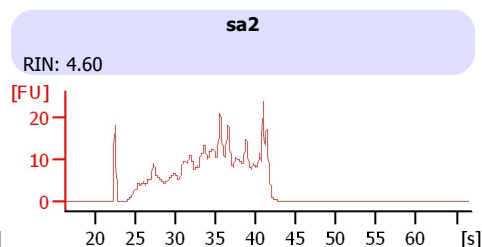
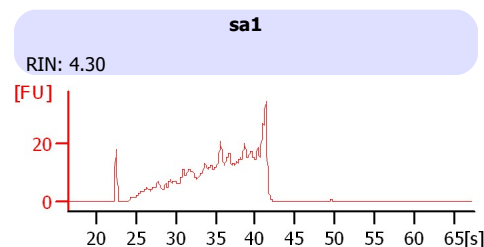
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
sa1		✓	RIN: 4.30	
sa2		✓	RIN: 4.60	
sa3		✓	RIN: 4.30	
sa4		✓	RIN: 4.40	
sa5		✓	RIN: 1.90	
sa6		✓	RIN: 2.50	
sa7		✓	RIN: 3.60	
sa8		✓	RIN: 2.60	
maggio12		✓	RIN:2	
aprile12		✓	RIN:2	
maggio11		✓	RIN:2	
maggio11		✓	RIN: 2.20	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

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/μl] : 150
Lower Marker Concentration [ng/μl] : 0
Upper Marker Concentration [ng/μl] : 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

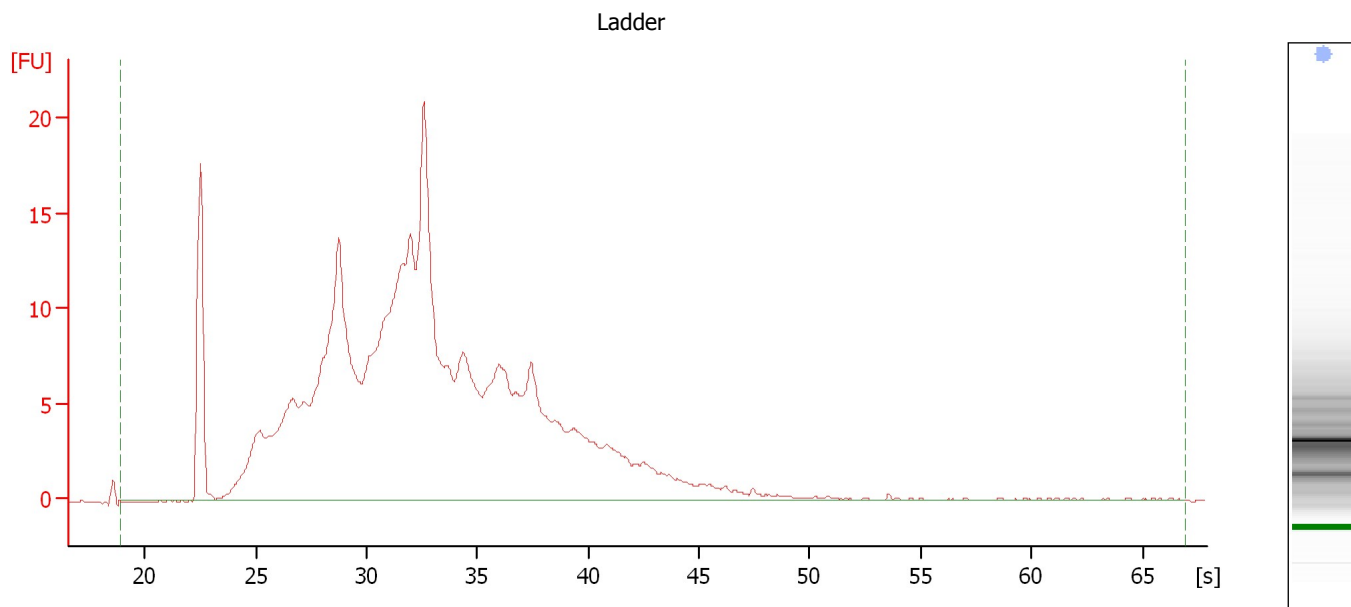
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary



Overall Results for Ladder

RNA Area: 371,4

Result Flagging Color:



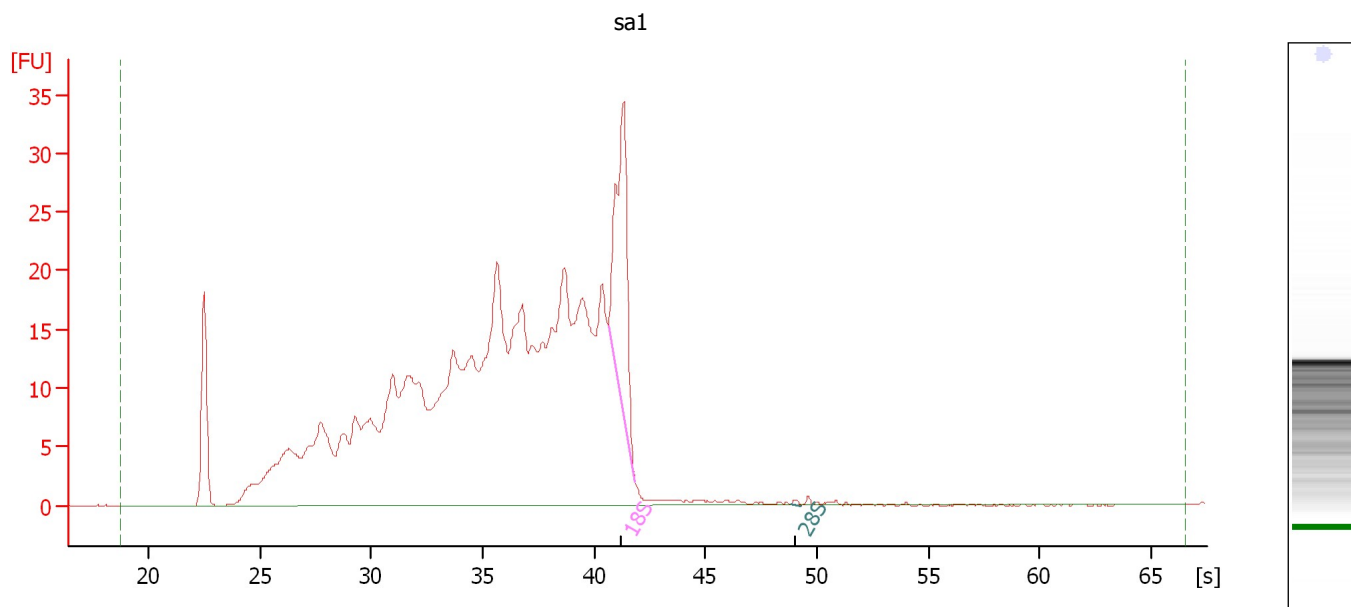
RNA Concentration: 150 ng/μl

Result Flagging Label:

All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 1 : sa1**

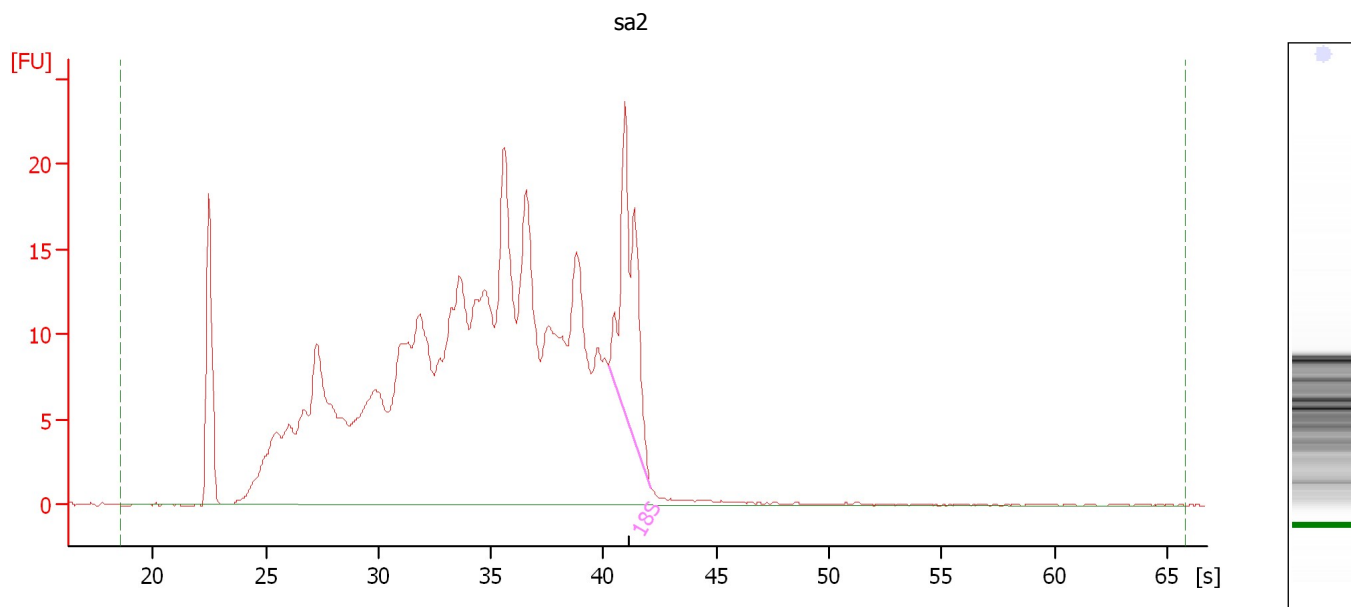
RNA Area:	551,5	RNA Integrity Number (RIN):	4.3 (B.02.08)
RNA Concentration:	223 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN: 4.30

Fragment table for sample 1 : sa1

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40,62	41,87	36,1	6,5
28S	48,81	49,29	0,3	0,0

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 2 : sa2**

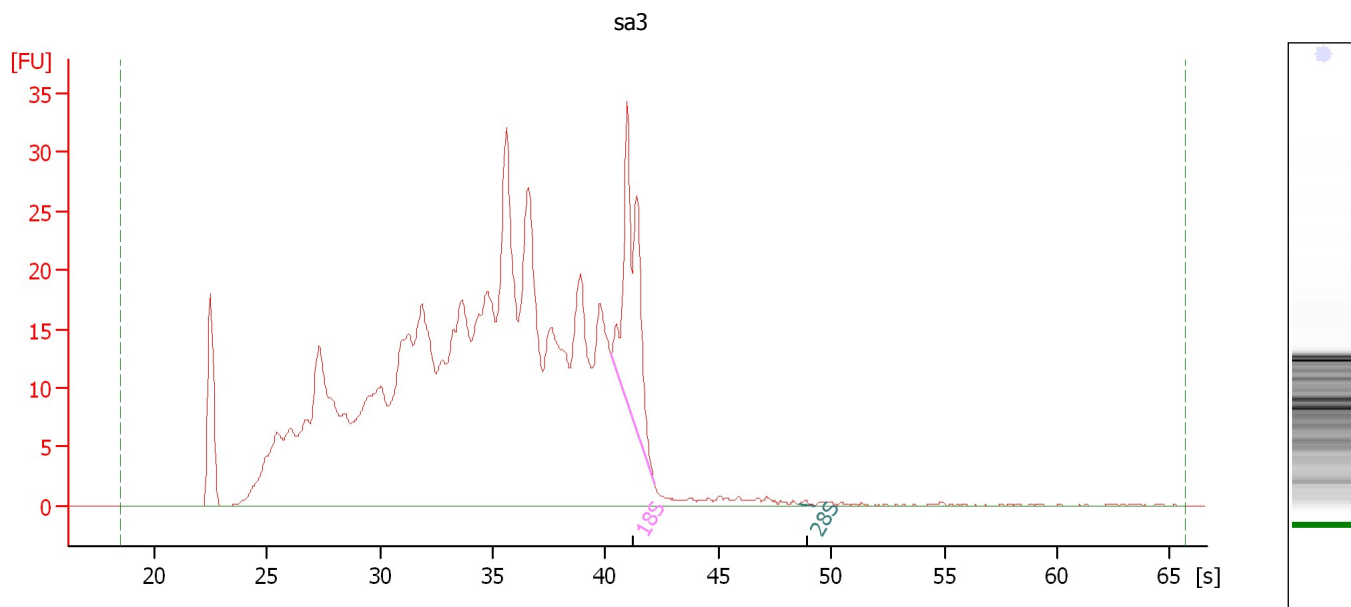
RNA Area:	473,2	RNA Integrity Number (RIN):	4.6 (B.02.08)
RNA Concentration:	191 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN: 4.60

Fragment table for sample 2 : sa2

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40,19	42,09	32,2	6,8

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 3 : sa3**

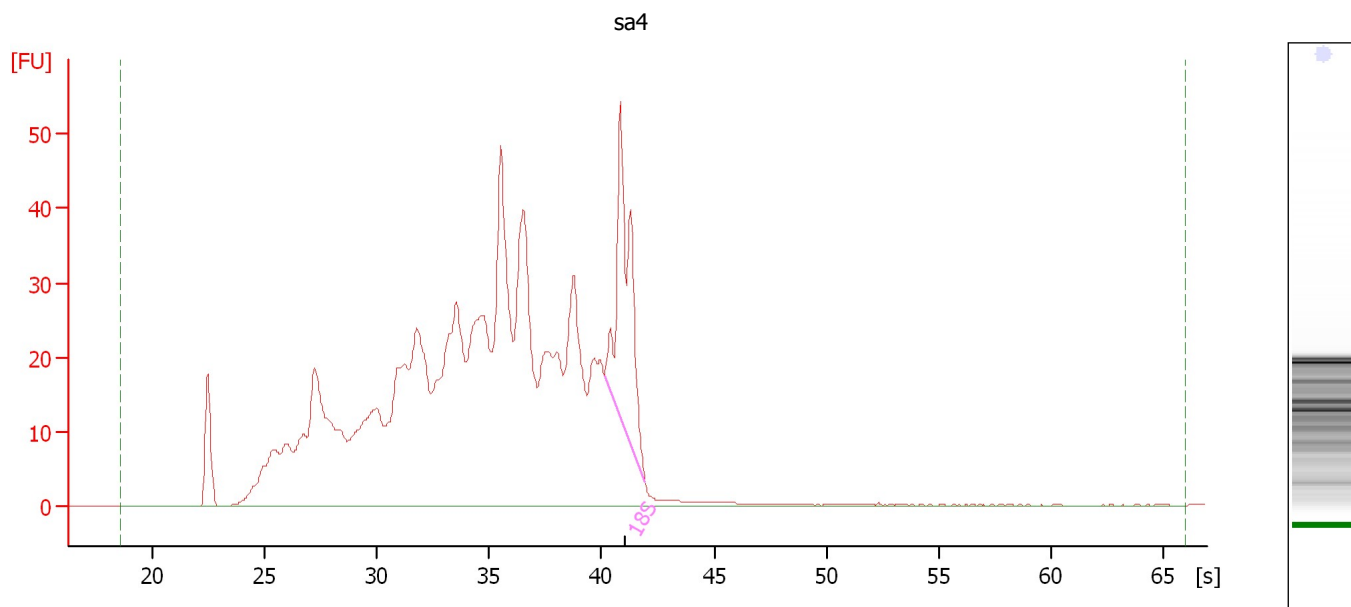
RNA Area:	689,4	RNA Integrity Number (RIN):	4.3 (B.02.08)
RNA Concentration:	278 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN: 4.30

Fragment table for sample 3 : sa3

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40,24	42,15	43,3	6,3
28S	48,52	49,23	0,2	0,0

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 4 : sa4**

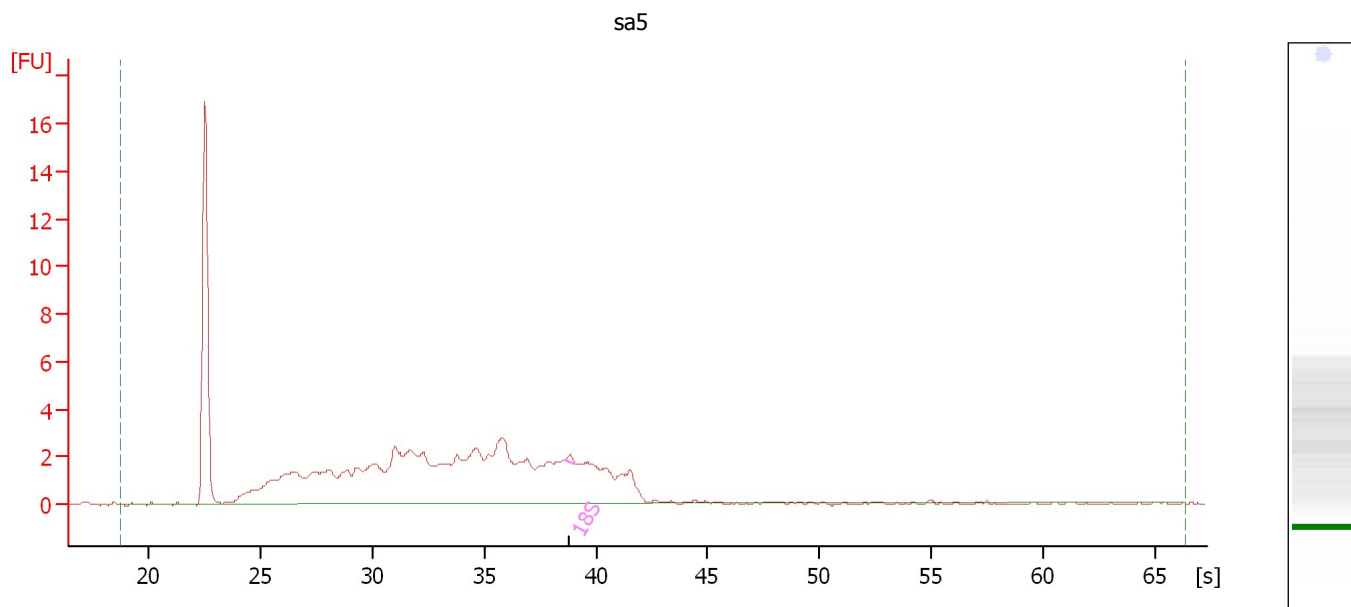
RNA Area:	953,7	RNA Integrity Number (RIN):	4.4 (B.02.08)
RNA Concentration:	385 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN: 4.40

Fragment table for sample 4 : sa4

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40,13	41,94	70,4	7,4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 5 : sa5**

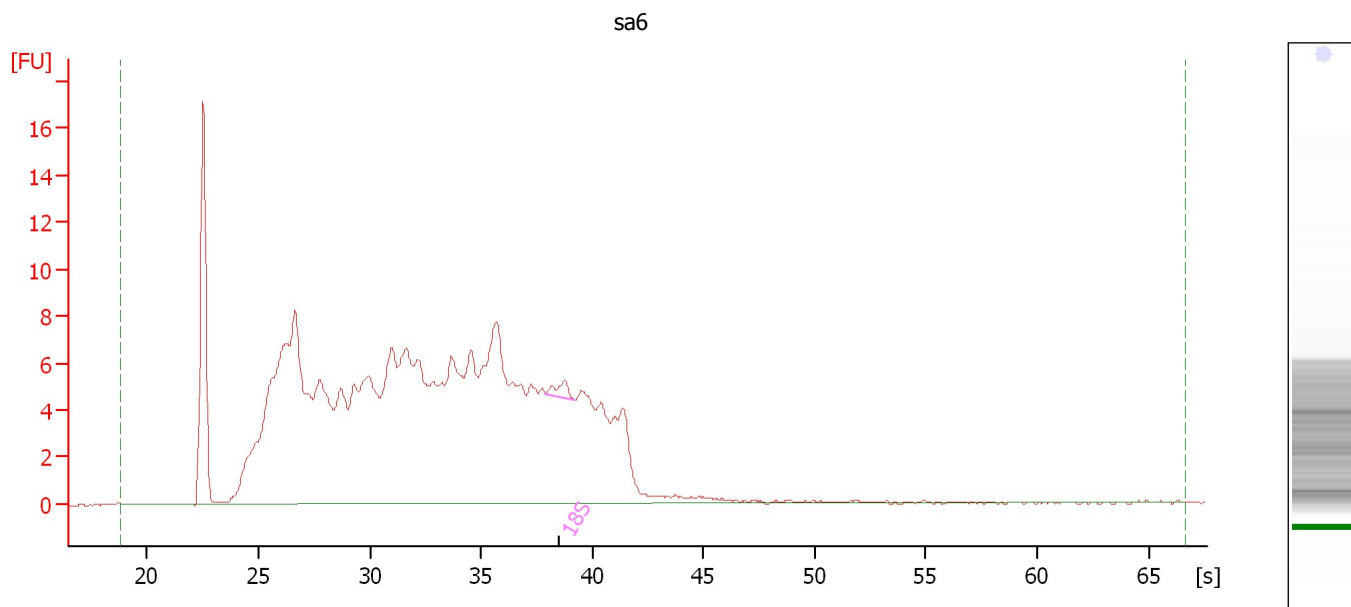
RNA Area:	86,3	RNA Integrity Number (RIN):	1.9 (B.02.08)
RNA Concentration:	35 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN: 1.90

Fragment table for sample 5 : sa5

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	38,61	39,09	0,2	0,2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 6 : sa6**

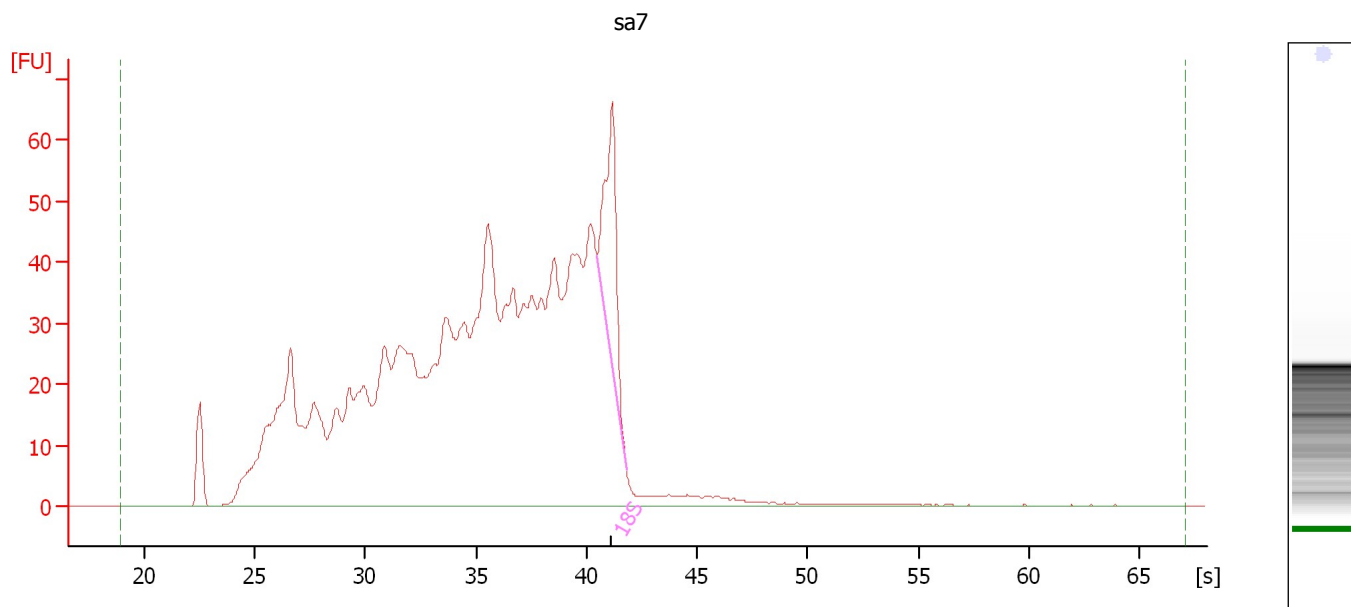
RNA Area:	277,9	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	112 ng/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN: 2.50

Fragment table for sample 6 : sa6

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	37,90	39,21	1,2	0,4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 7 : sa7**

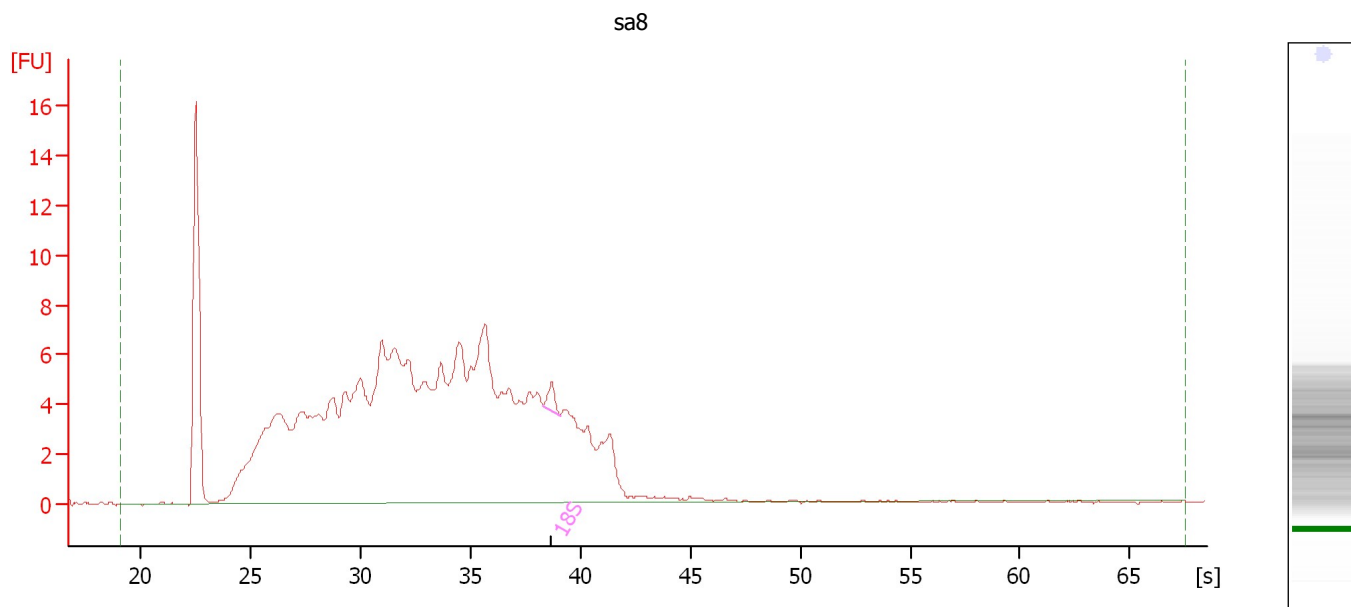
RNA Area:	1.360,9	RNA Integrity Number (RIN):	3.6 (B.02.08)
RNA Concentration:	550 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN: 3.60

Fragment table for sample 7 : sa7

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40,48	41,79	59,6	4,4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 8 : sa8**

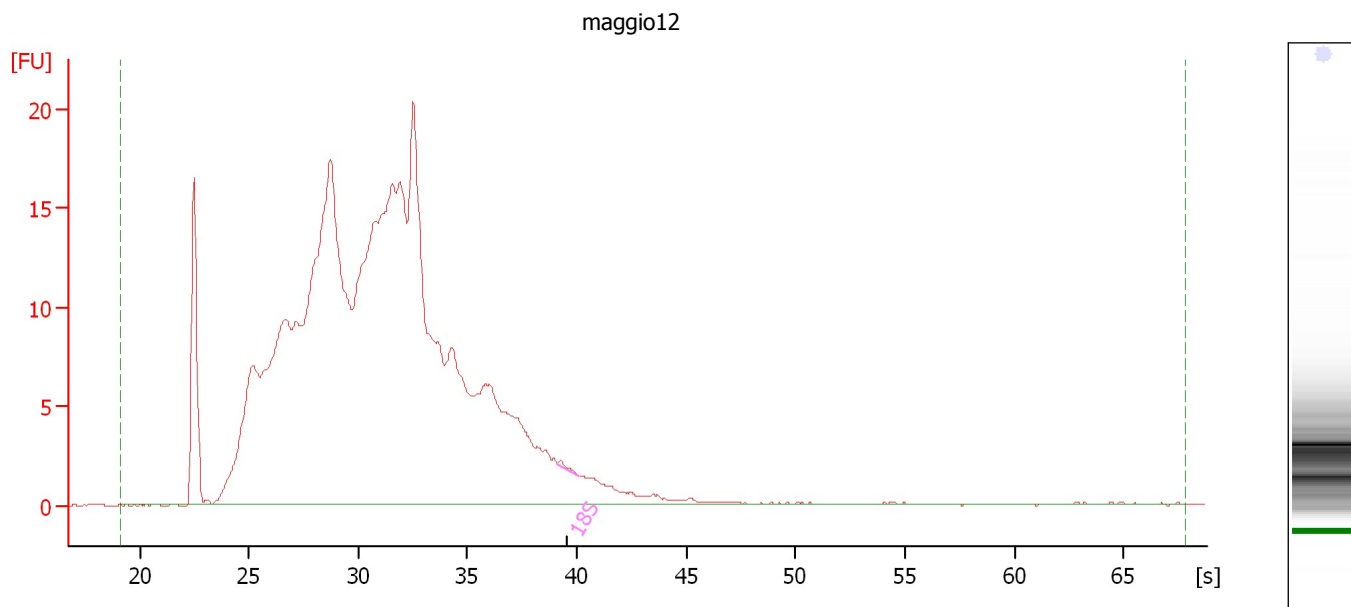
RNA Area:	221,8	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	90 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN: 2.60

Fragment table for sample 8 : sa8

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	38,30	39,08	1,0	0,4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 9 : maggio12**

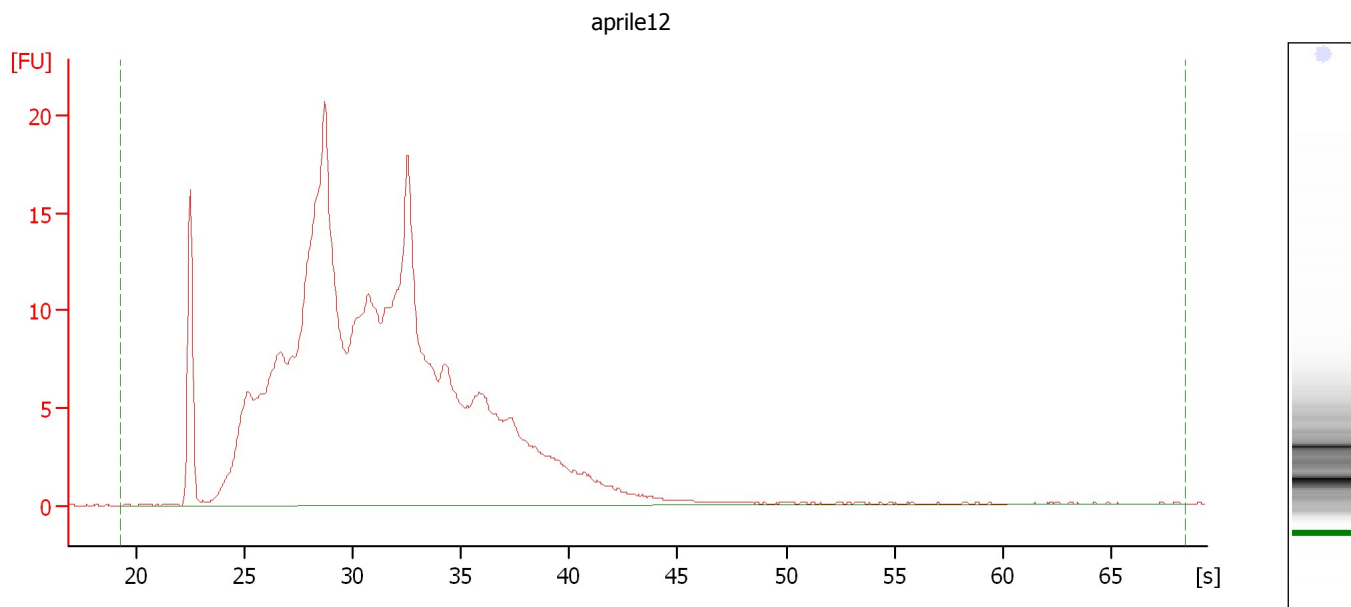
RNA Area:	446,1	RNA Integrity Number (RIN):	2 (B.02.08)
RNA Concentration:	180 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN:2

Fragment table for sample 9 : maggio12

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	39,10	40,09	0,3	0,1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

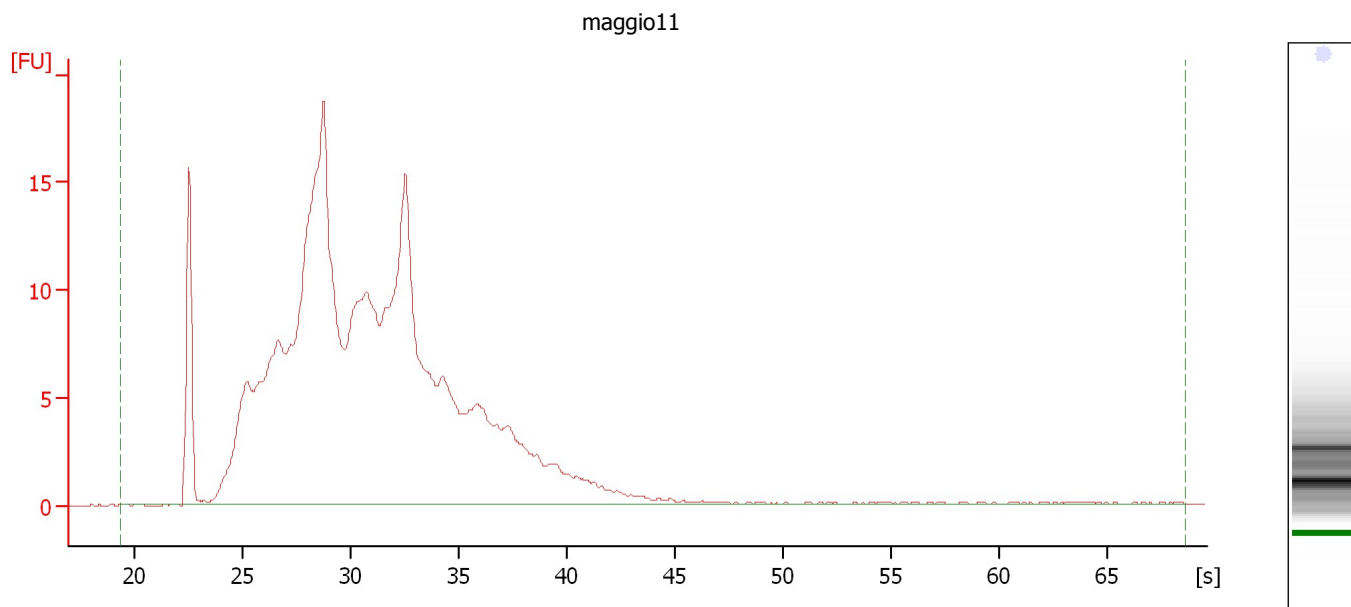
Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 10 : aprile12**

RNA Area:	393,4	RNA Integrity Number (RIN):	2 (B.02.08)
RNA Concentration:	159 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

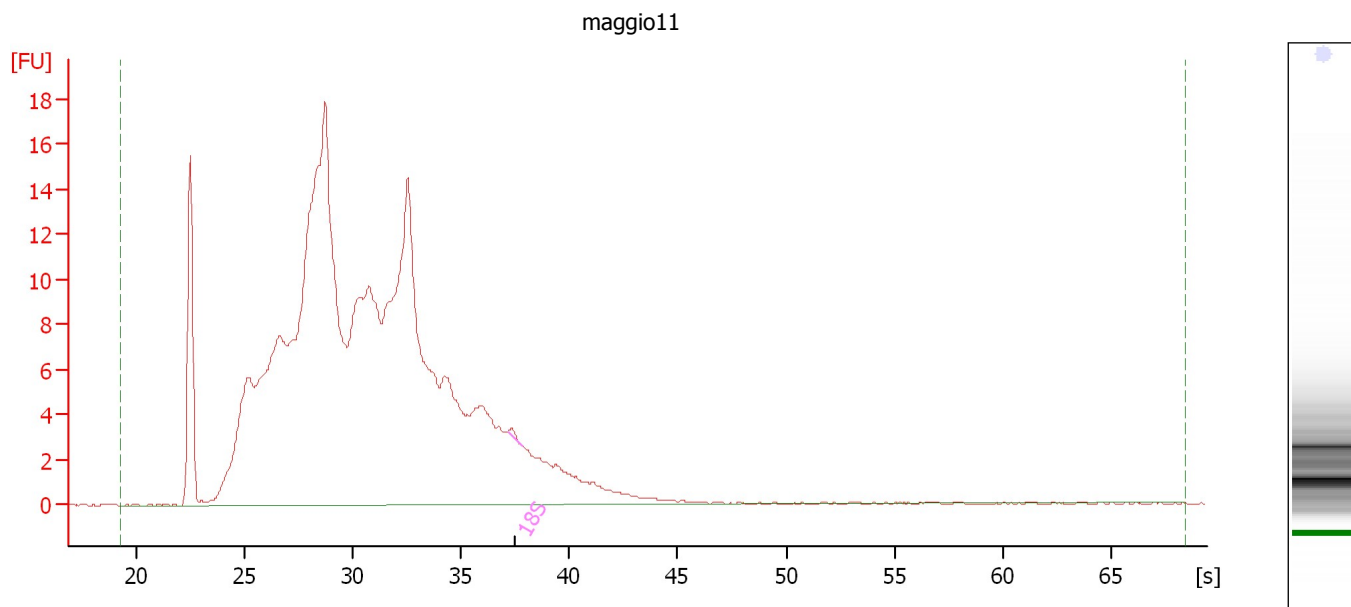
Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 11 : maggio11**

RNA Area:	356,3	RNA Integrity Number (RIN):	2 (B.02.08)
RNA Concentration:	144 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Electropherogram Summary Continued ...**Overall Results for sample 12 : maggio11**

RNA Area:	347,6	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	140 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0,0	Result Flagging Label:	RIN: 2.20

Fragment table for sample 12 : maggio11

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	37,17	37,81	0,3	0,1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04103293_2012-06-07_11-47-41.xad

Created: 07/06/2012 11.47.41
Modified: 07/06/2012 12.11.37

Gel Image