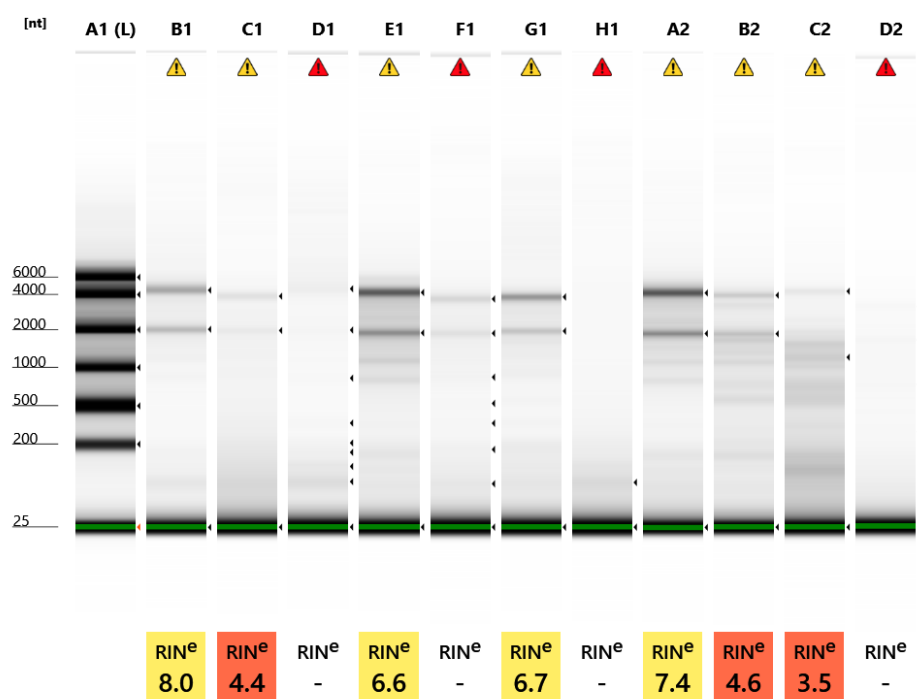
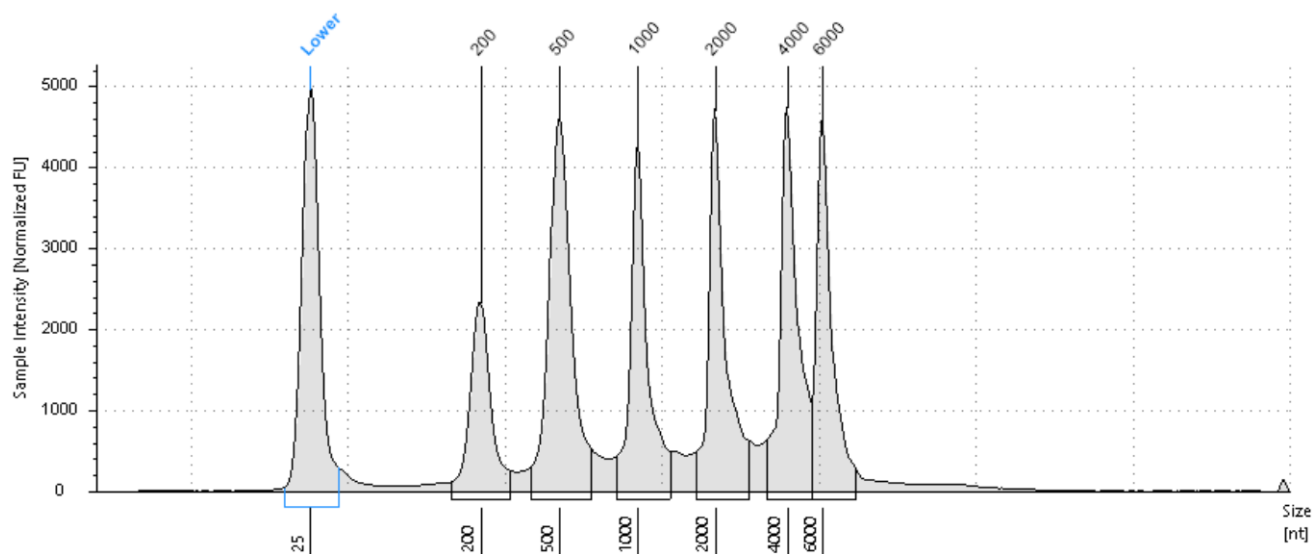


## Filename: 2021-11-02 - 14.31.16.RNA



## Sample Info

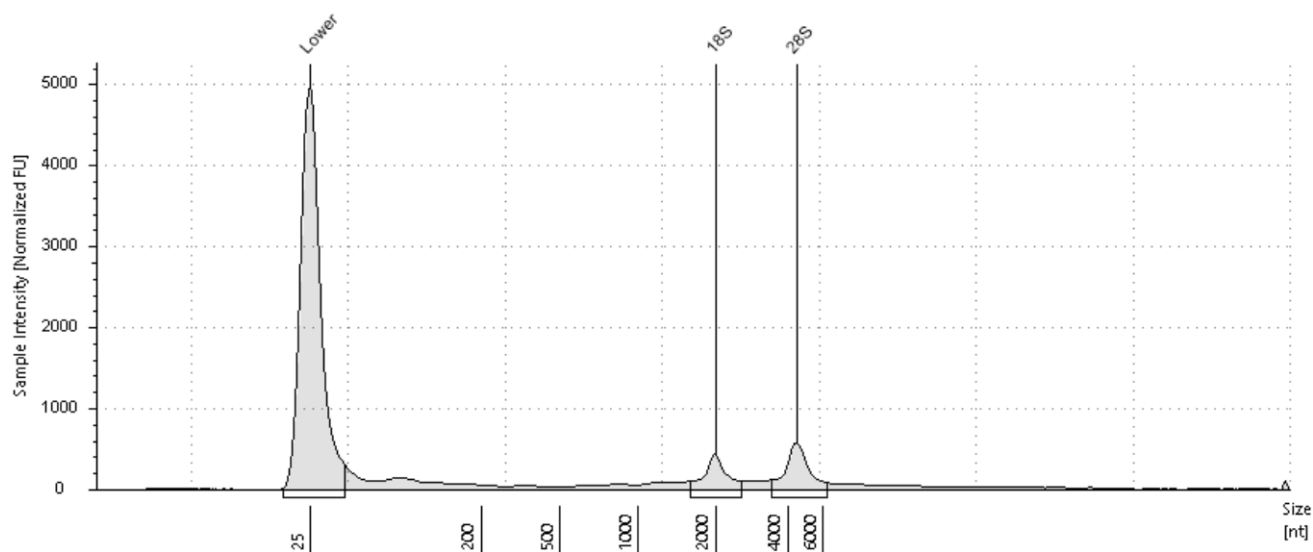
Well	RIN <sup>e</sup>	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
A1	-	-	147	Ladder		Ladder
B1	8.0	1.4	13.5	243	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay
C1	4.4	1.1	12.8	261	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay
D1	-	-	9.04	269	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay
E1	6.6	1.4	23.8	399	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay
F1	-	-	9.85	439	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay
G1	6.7	1.8	14.8	511	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay
H1	-	-	8.75	549	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay
A2	7.4	1.8	24.1	653	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay
B2	4.6	0.8	18.9	915	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay
C2	3.5	0.5	22.9	921	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay; The upper ribosomal fragment has degraded
D2	-	-	5.82	935	⚠	Sample concentration outside functional range for RIN <sup>e</sup> and the assay

**A1: Ladder****Sample Table**

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
A1	-	-	147	Ladder		Ladder

**Peak Table**

Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
200	13.5	-	199	10.27		
500	29.6	-	174	22.48		
1000	21.0	-	61.9	15.99		
2000	22.9	-	33.6	17.38		
4000	24.0	-	17.7	18.29		
6000	20.5	-	10.0	15.59		

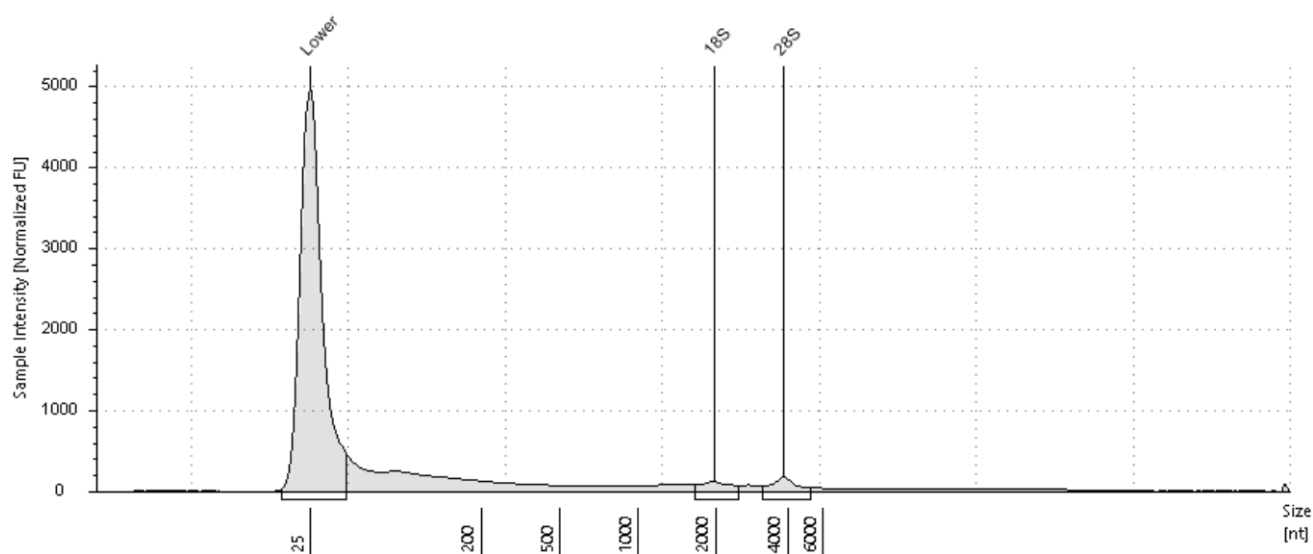
**B1: 243****Sample Table**

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
B1	8.0	1.4	13.5	243	⚠	Sample concentration outside functional range for RINe and the assay

**Peak Table**

Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
2028	2.32	-	3.37	42.22		18S
4458	3.18	-	2.09	57.78		28S

## C1: 261

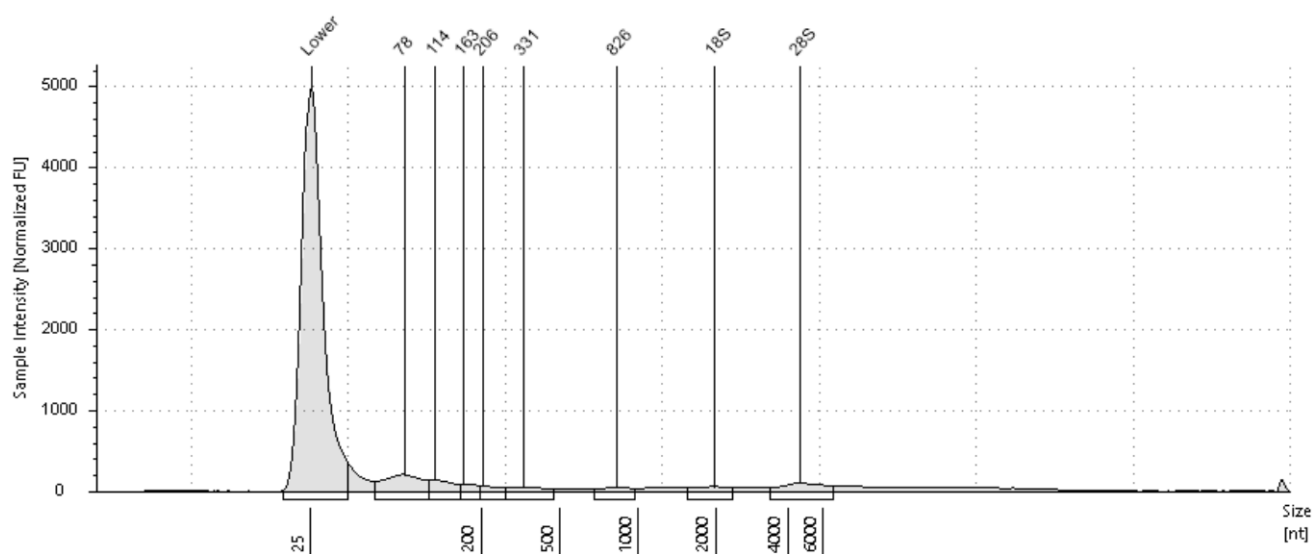


Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
C1	4.4	1.1	12.8	261	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

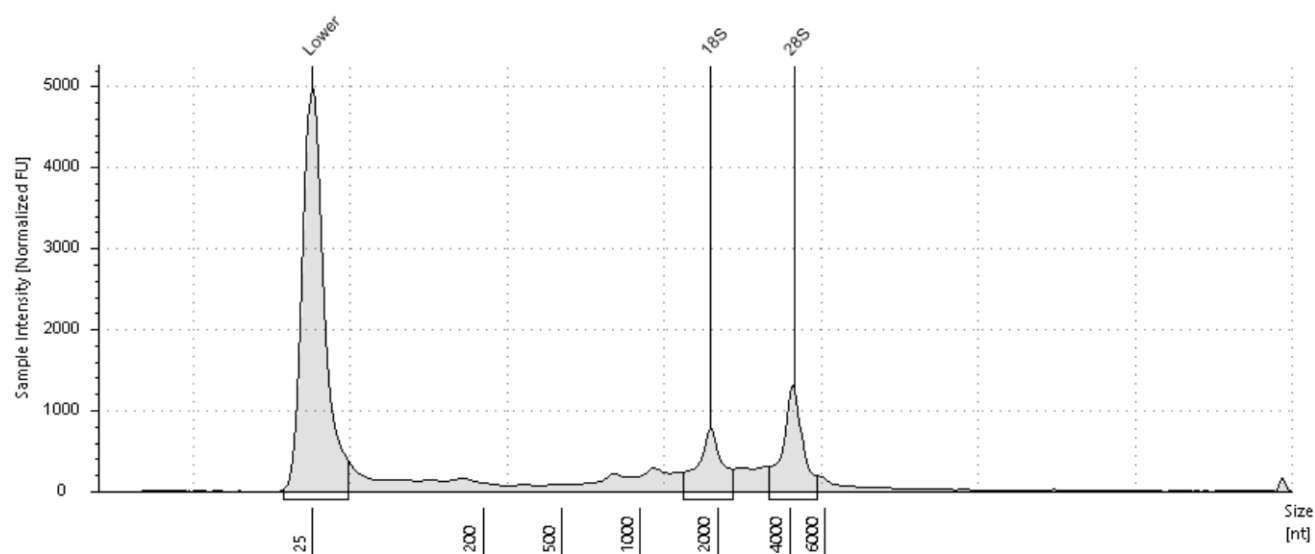
Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1971	0.826	-	1.23	46.75		18S
3868	0.940	-	0.715	53.25		28S

**D1: 269****Sample Table**

Well	RINe	28S/18S (Area)	Conc. [ng/ul]	Sample Description	Alert	Observations
D1	-	-	9.04	269	▲	Sample concentration outside functional range for RINe and the assay

**Peak Table**

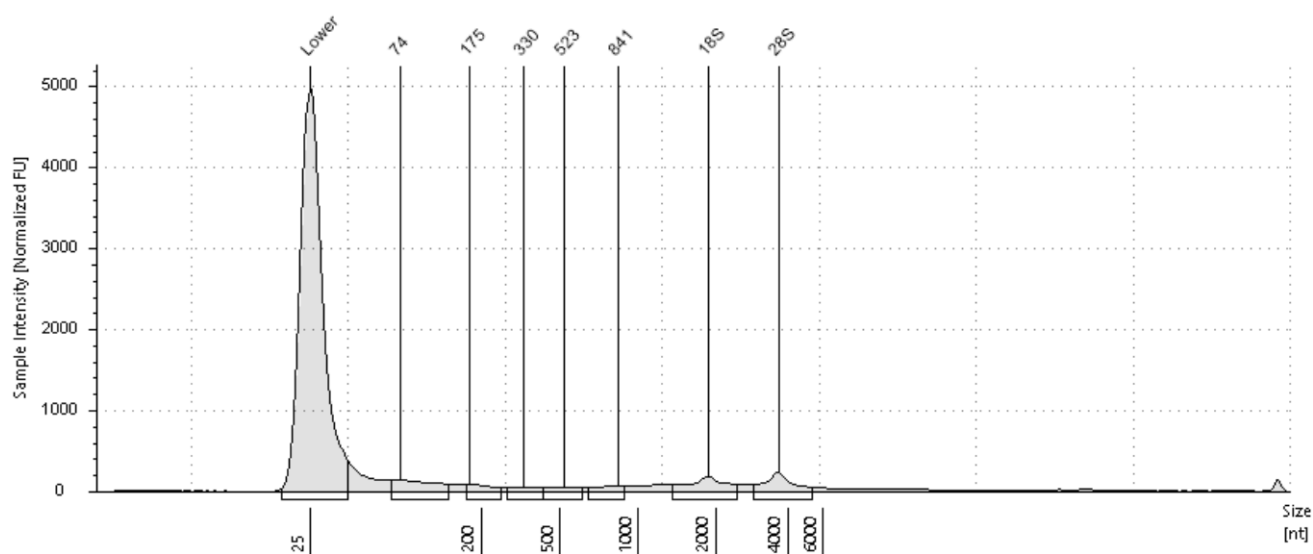
Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
78	1.78	-	67.1	34.38		
114	0.762	-	19.6	14.70		
163	0.322	-	5.82	6.22		
206	0.267	-	3.82	5.16		
331	0.370	-	3.29	7.14		
826	0.294	-	1.05	5.68		
1990	0.438	-	0.648	8.45		18S
4589	0.947	-	0.607	18.27		28S

**E1: 399****Sample Table**

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
E1	6.6	1.4	23.8	399	⚠	Sample concentration outside functional range for RINe and the assay

**Peak Table**

Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1888	4.19	-	6.54	41.79		18S
4202	5.84	-	4.09	58.21		28S

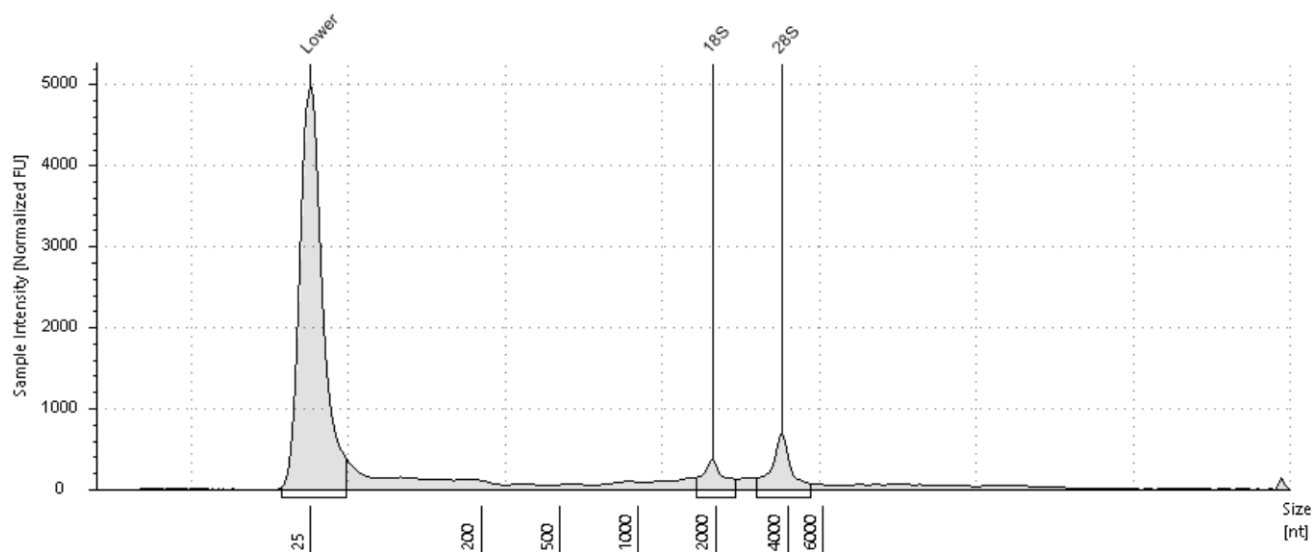
**F1: 439****Sample Table**

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
F1	-	-	9.85	439	▲	Sample concentration outside functional range for RINe and the assay

**Peak Table**

Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
74	1.27	-	50.3	22.79		
175	0.455	-	7.63	8.18		
330	0.335	-	2.99	6.03		
523	0.355	-	2.00	6.38		
841	0.403	-	1.41	7.24		
1877	1.40	-	2.19	25.15		18S
3672	1.35	-	1.08	24.24		28S

## G1: 511



Sample Table

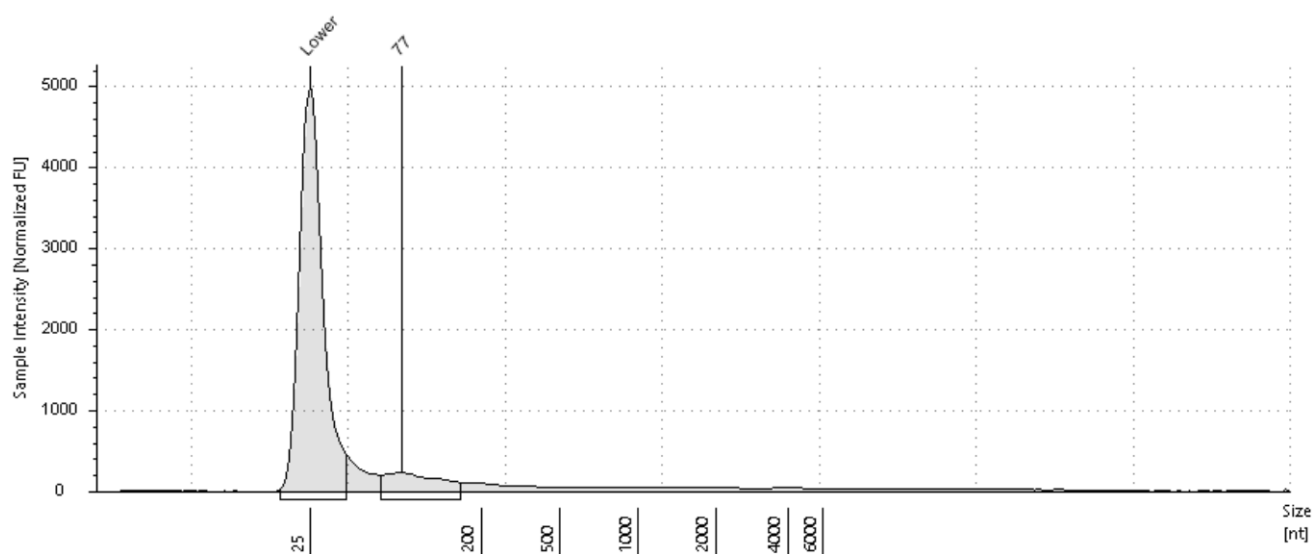
Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
G1	6.7	1.8	14.8	511	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1955	1.64	-	2.47	35.79		18S
3820	2.94	-	2.26	64.21		28S



## H1: 549



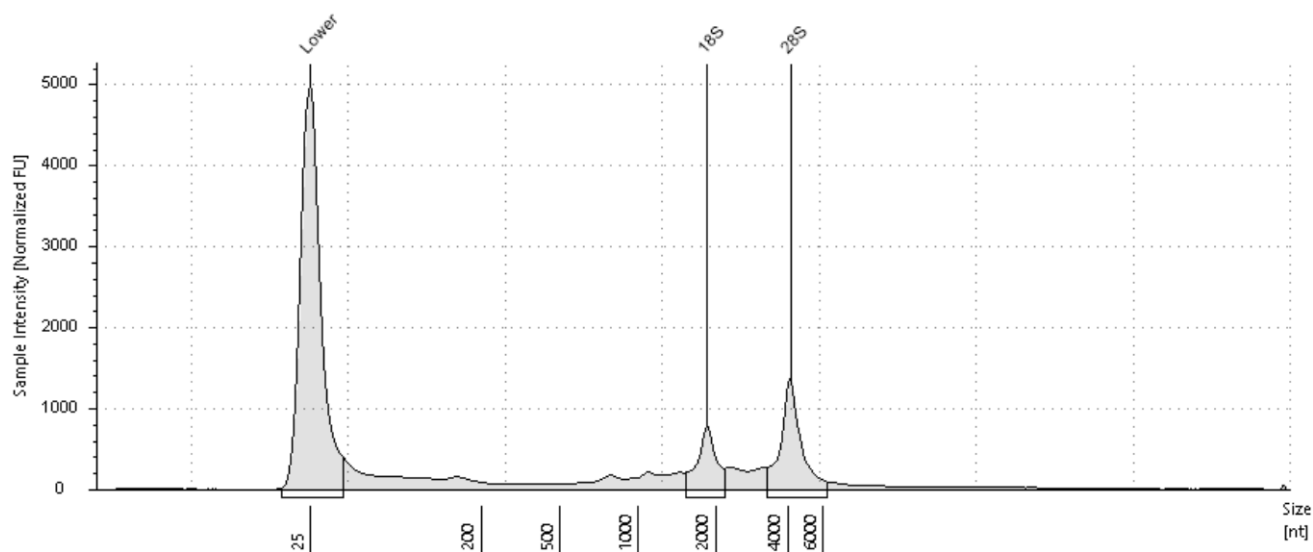
## Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/ul]	Sample Description	Alert	Observations
H1	-	-	8.75	549	▲	Sample concentration outside functional range for RINe and the assay

## Peak Table

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
77	2.67	-	102	100.00		

## A2: 653

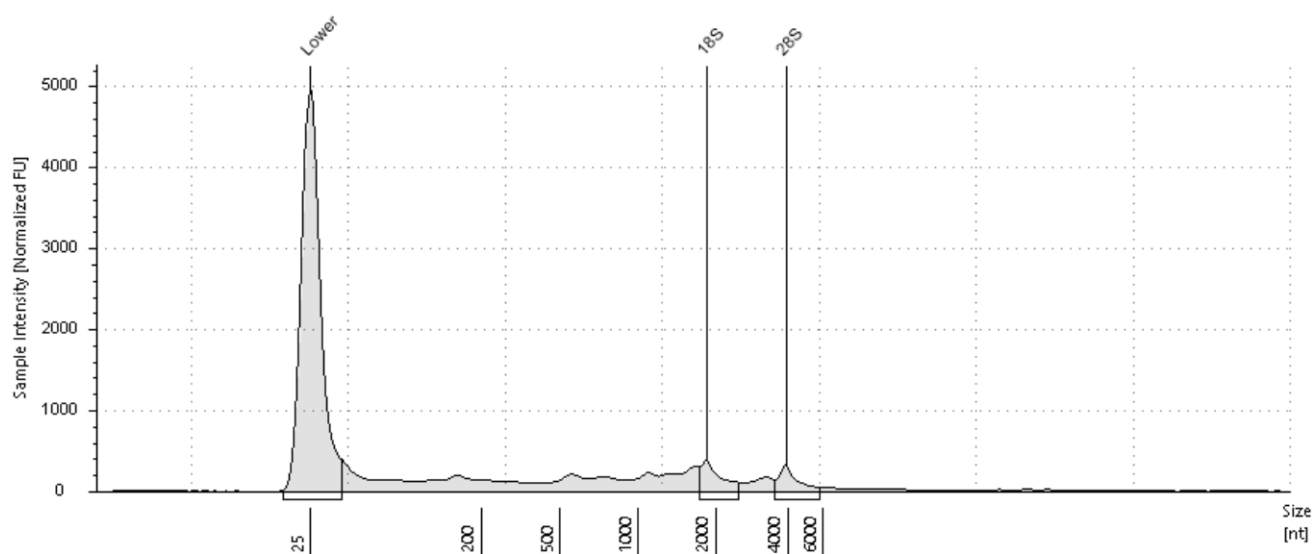


Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
A2	7.4	1.8	24.1	653	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1875	3.70	-	5.81	35.25		18S
4182	6.80	-	4.78	64.75		28S

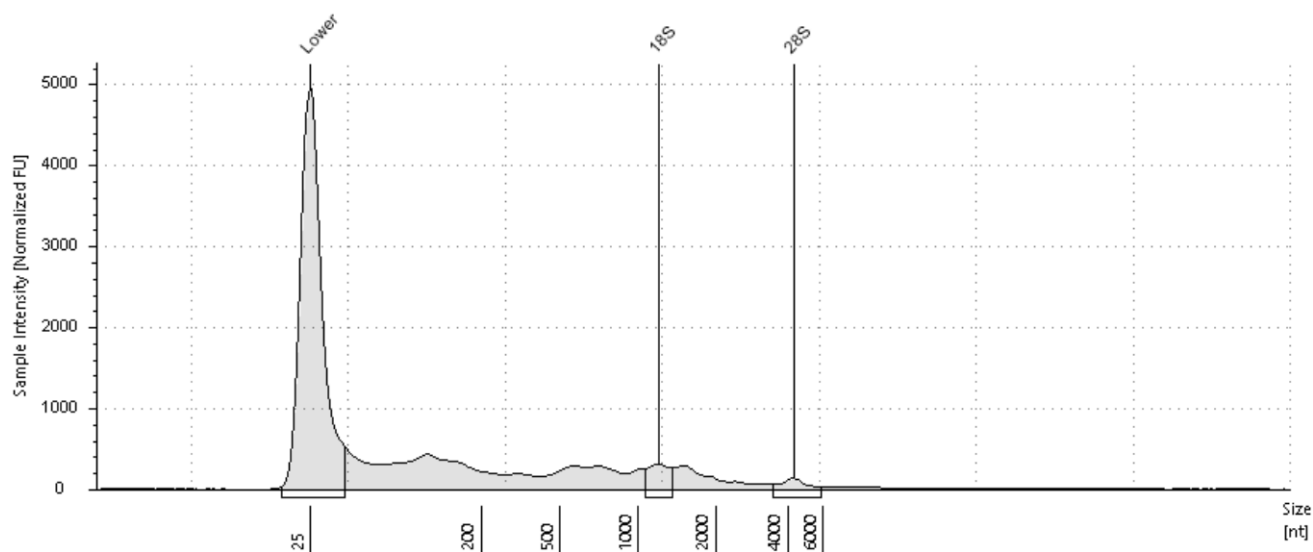
**B2: 915****Sample Table**

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
B2	4.6	0.8	18.9	915	⚠	Sample concentration outside functional range for RINe and the assay

**Peak Table**

Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1859	1.99	-	3.16	55.95		18S
3953	1.57	-	1.17	44.05		28S

## C2: 921



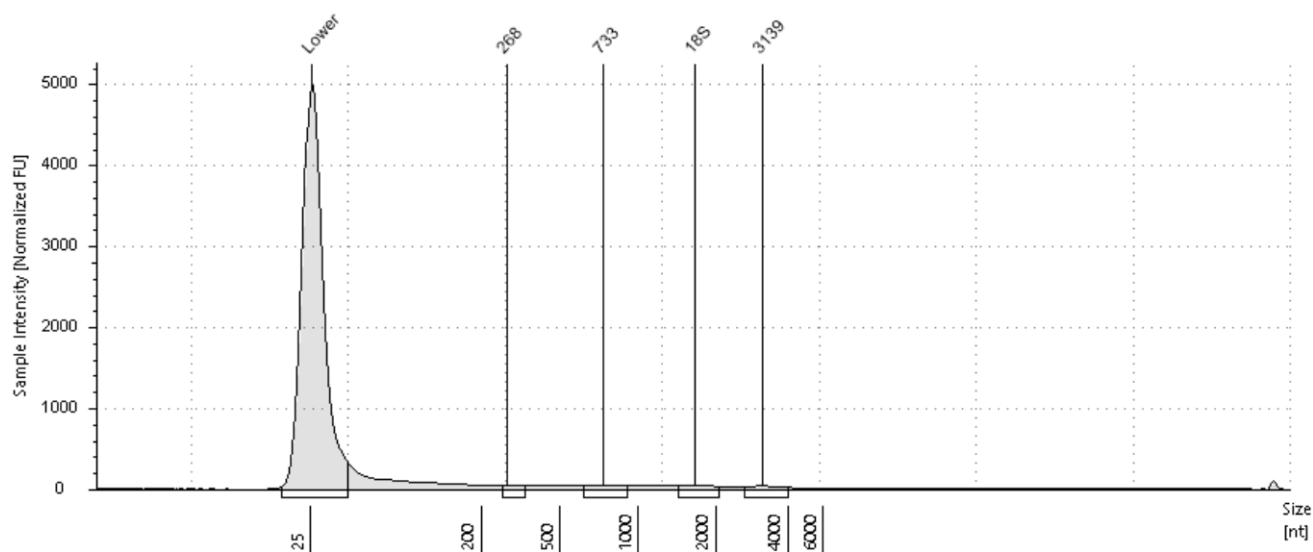
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
C2	3.5	0.5	22.9	921	⚠	Sample concentration outside functional range for RINe and the assay; The upper ribosomal fragment has degraded

Peak Table

Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1209	1.59	-	3.86	68.12		18S
4334	0.743	-	0.504	31.88		28S

## D2: 935



Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/ul]	Sample Description	Alert	Observations
D2	-	-	5.82	935	▲	Sample concentration outside functional range for RINe and the assay

Peak Table

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
268	0.187	-	2.05	15.61		
733	0.381	-	1.53	31.87		
1650	0.362	-	0.645	30.23		18S
3139	0.267	-	0.250	22.29		