

Supplementary Data

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Muestra JACA 3A_140526103504 #139 RT: 1.71 AV: 1 NL: 3.36E6
T: FTMS + p ESI Full ms [50.00-650.00]

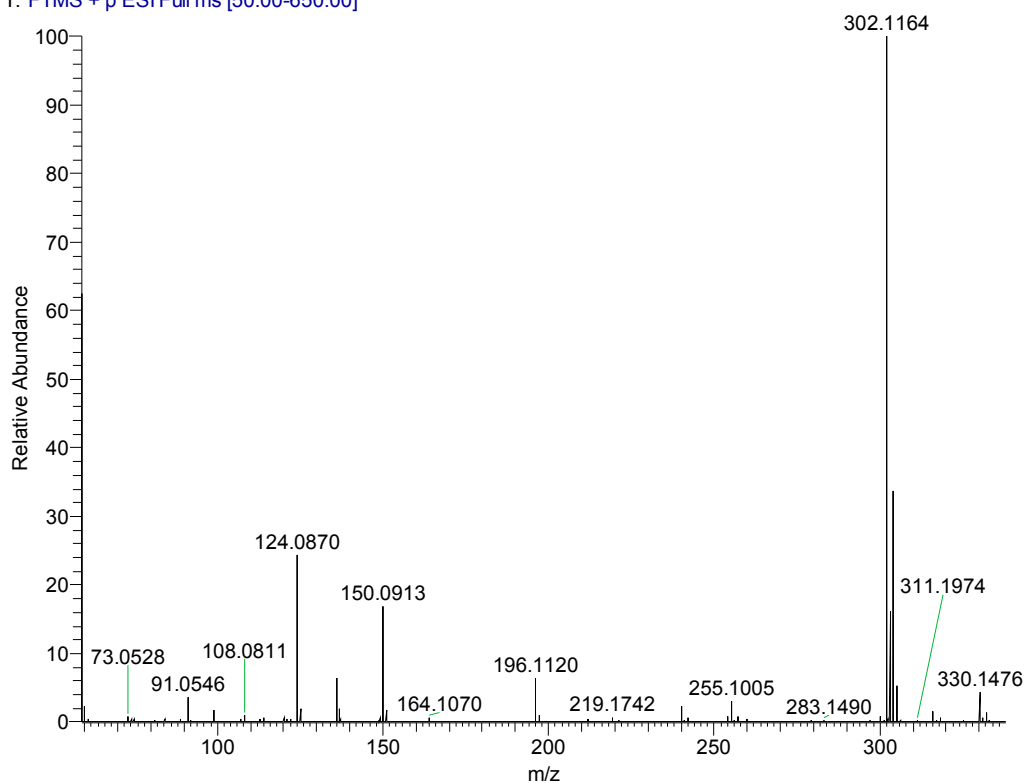


Figure S1. HRMS for compound **3a**.

Muestra JACA 3B #18 RT: 0.19 AV: 1 NL: 4.06E7
T: FTMS + p ESI Full ms [50.00-650.00]

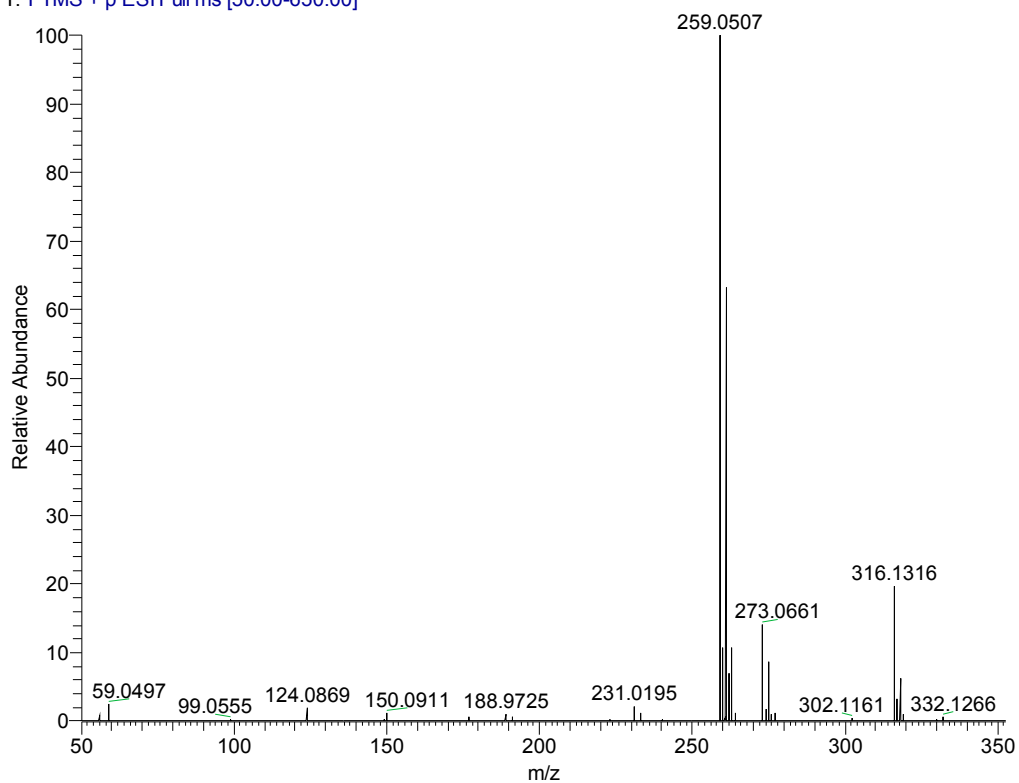


Figure S2. HRMS for compound **3b**.

Muestra JACA 3C #120-121 RT: 1.53-1.54 AV: 2 NL: 2.15E6
T: FTMS + p ESI Full ms [50.00-650.00]

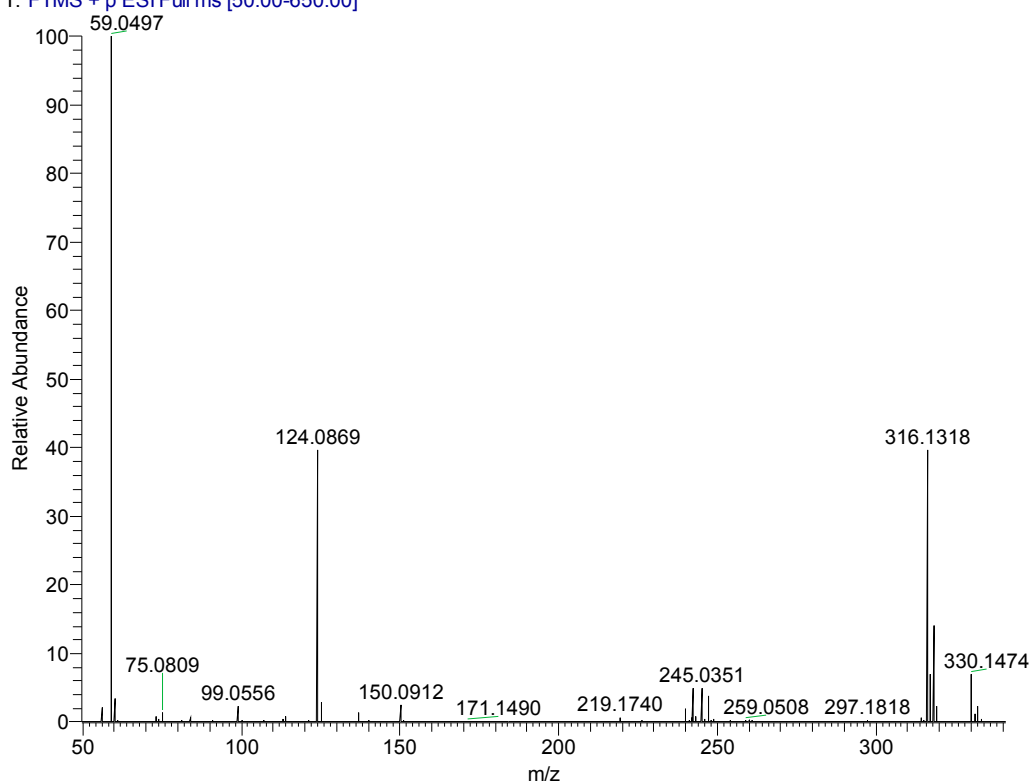


Figure S3. HRMS for compound 3c.

Muestra JACA 3D #54 RT: 0.69 AV: 1 NL: 3.44E6
T: FTMS + p ESI Full ms [50.00-650.00]

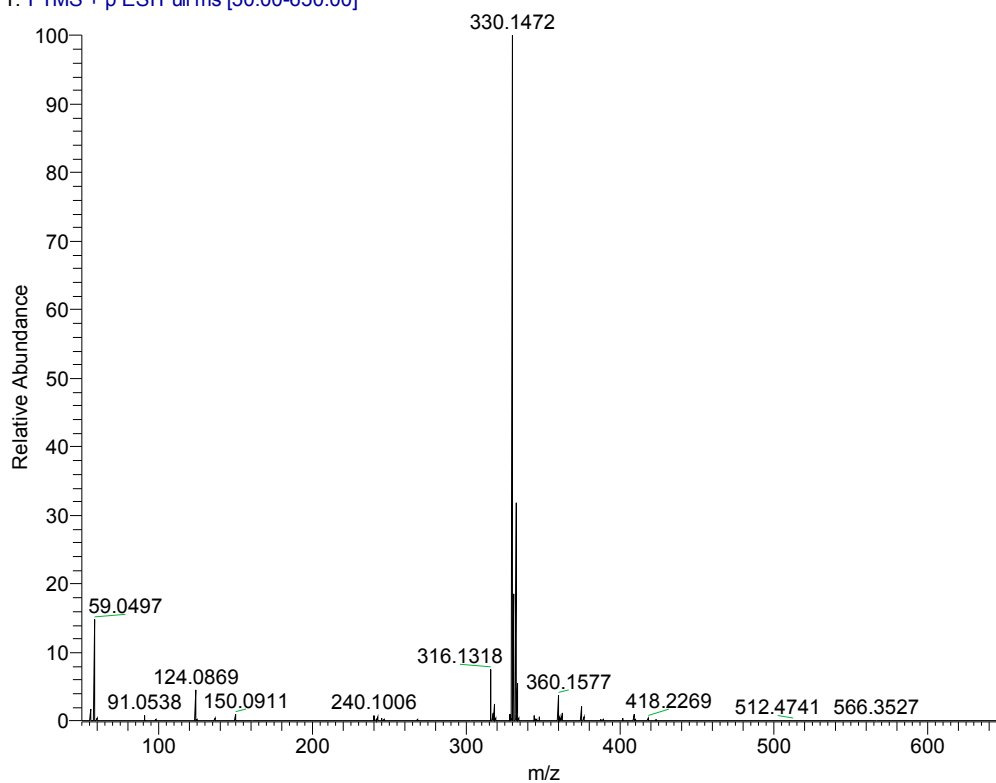


Figure S4. HRMS for compound 3d.

Muestra JACA 3E #36 RT: 0.46 AV: 1 NL: 1.93E6
T: FTMS + p ESI Full ms [50.00-650.00]

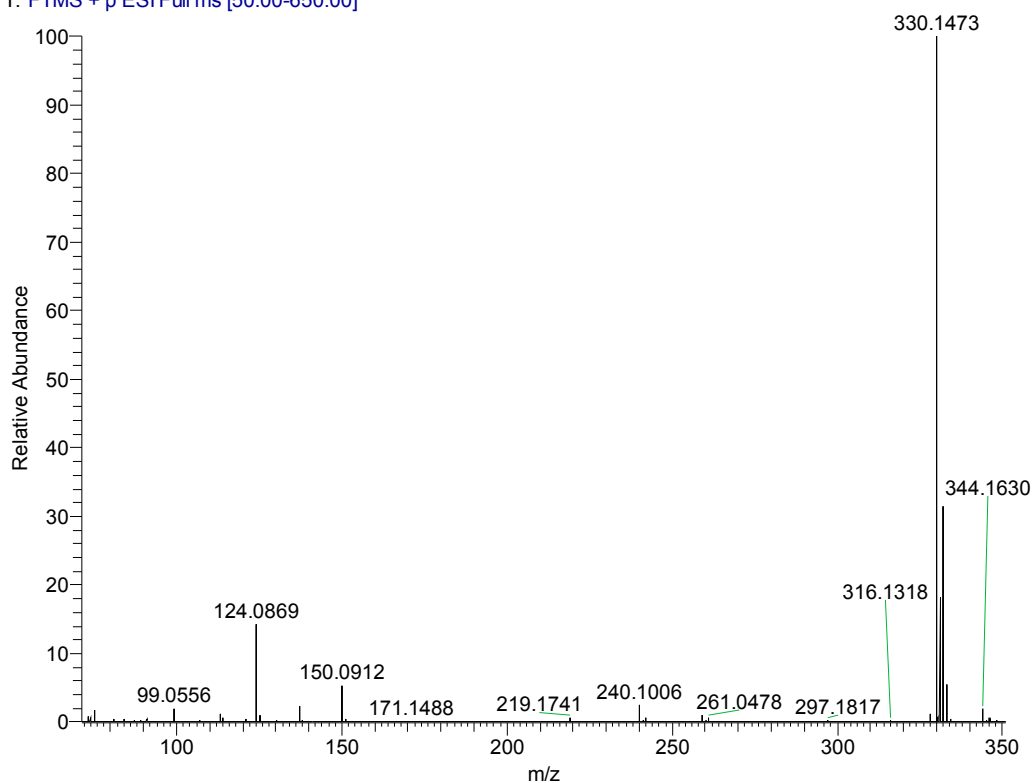


Figure S5. HRMS for compound 3e.

Muestra JACA 3F #67 RT: 0.83 AV: 1 NL: 5.03E6
T: FTMS + p ESI Full ms [50.00-650.00]

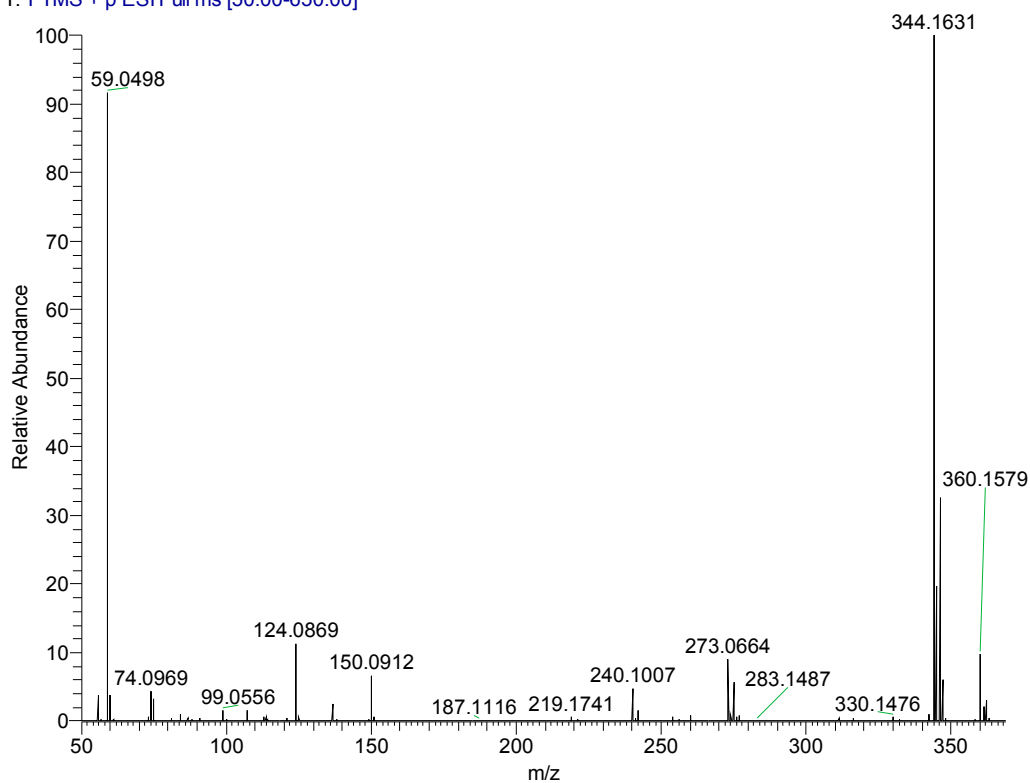


Figure S6. HRMS for compound 3f.

Muestra JACA 3G #59 RT: 0.73 AV: 1 NL: 5.55E6
T: FTMS + p ESI Full ms [50.00-650.00]

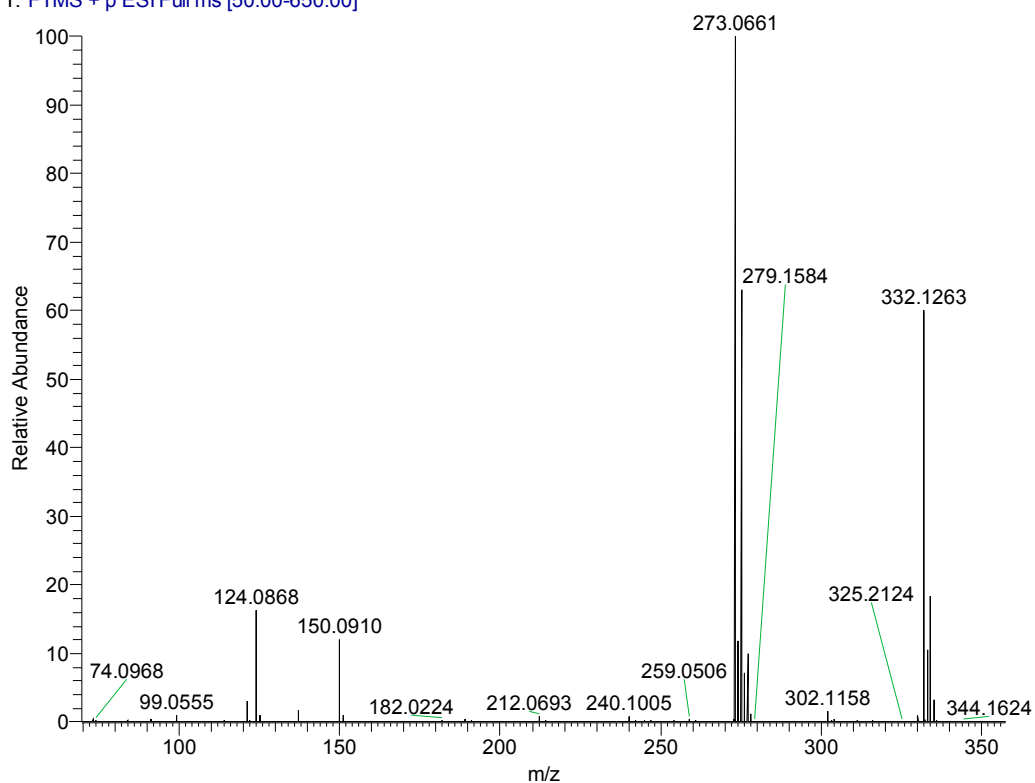


Figure S7. HRMS for compound **3g**.

Muestra JACA 3H #28 RT: 0.35 AV: 1 NL: 3.04E6
T: FTMS + p ESI Full ms [50.00-650.00]

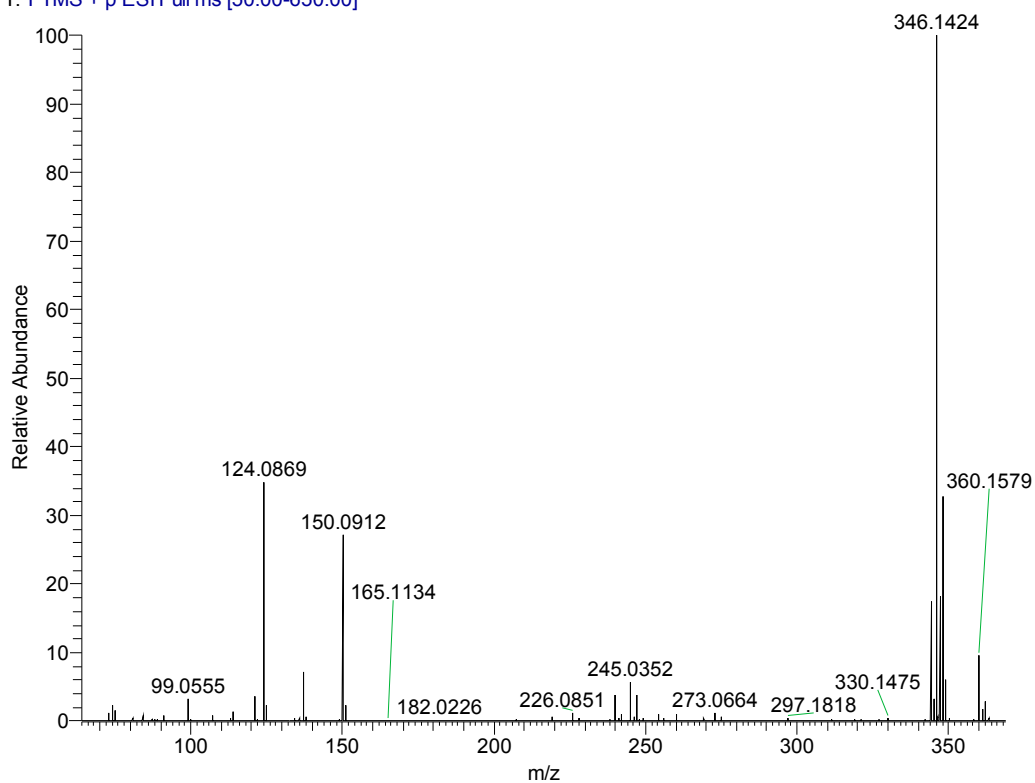


Figure S8. HRMS for compound **3h**.

Muestra JACA 3i #65 RT: 0.82 AV: 1 NL: 1.72E6
T: FTMS + p ESI Full ms [50.00-650.00]

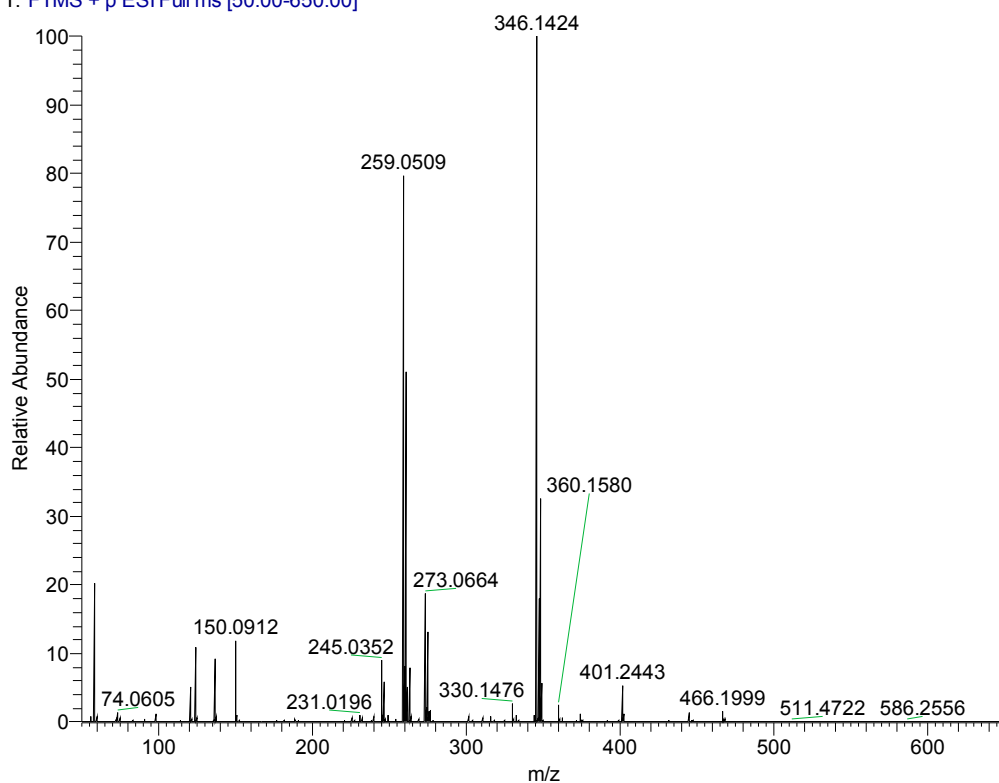


Figure S9. HRMS for compound **3i**.

JACA3J #160 RT: 1.53 AV: 1 NL: 8.64E7
T: FTMS + p ESI Full ms [50.00-500.00]

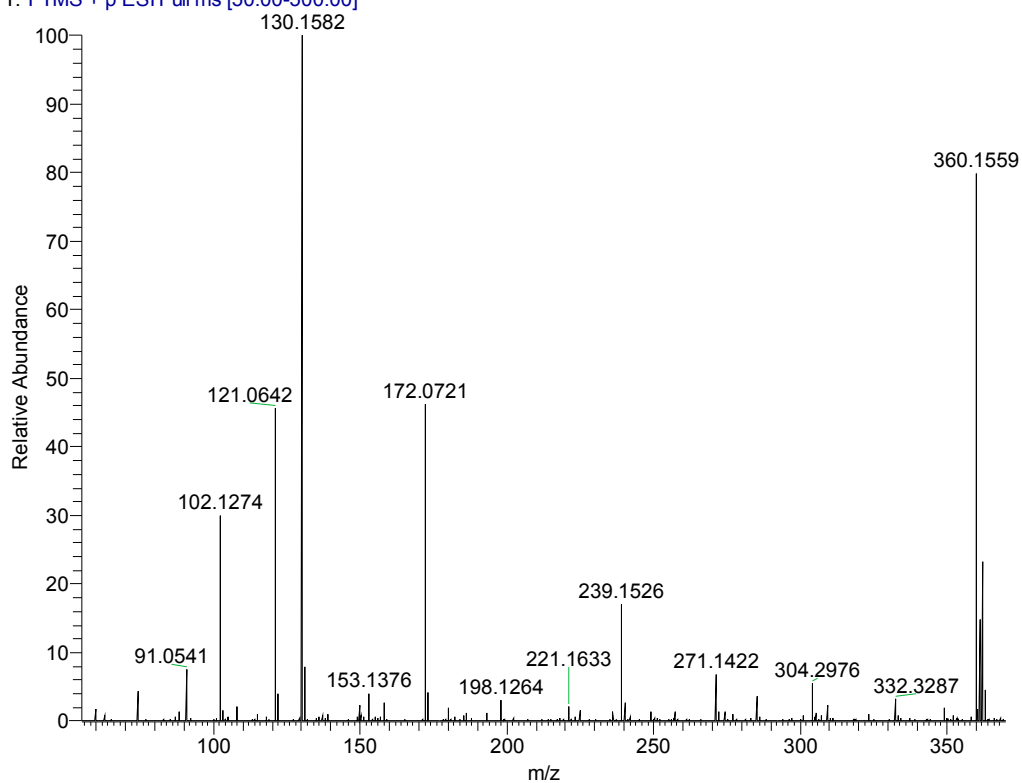


Figure S10. HRMS for compound **3j**.

JACA3K #172 RT: 1.64 AV: 1 NL: 8.32E7
T: FTMS + p ESI Full ms [50.00-500.00]

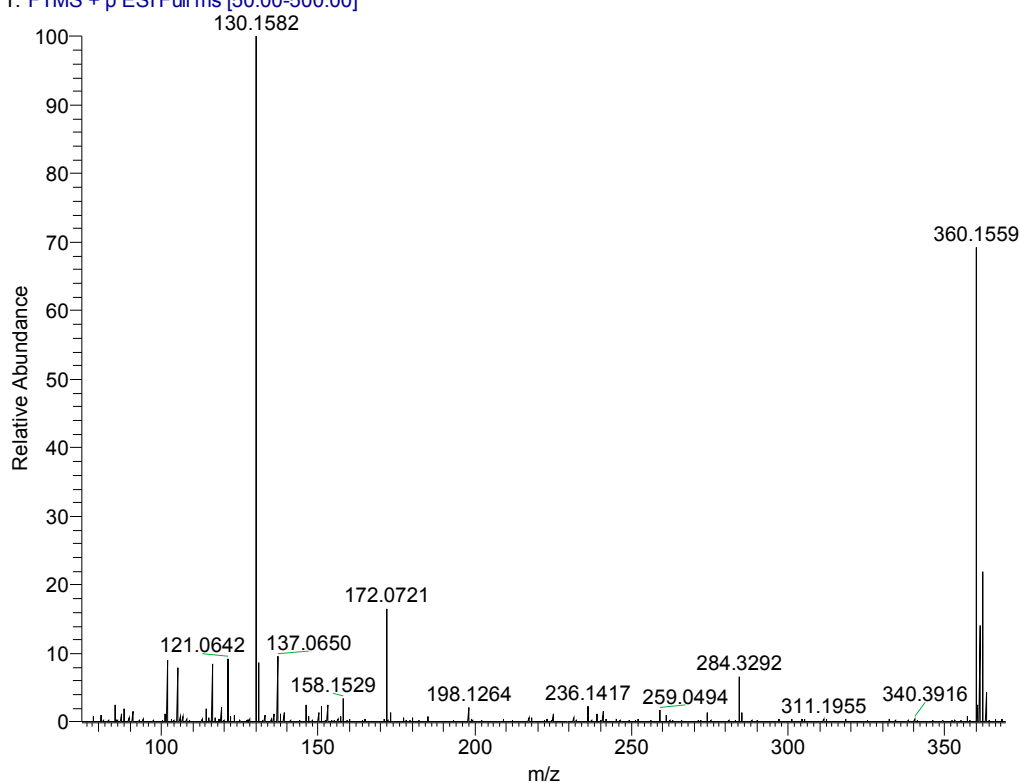


Figure S11. HRMS for compound 3k.

JACA3L_140429000930 #150 RT: 1.43 AV: 1 NL: 2.82E8
T: FTMS + p ESI Full ms [50.00-500.00]

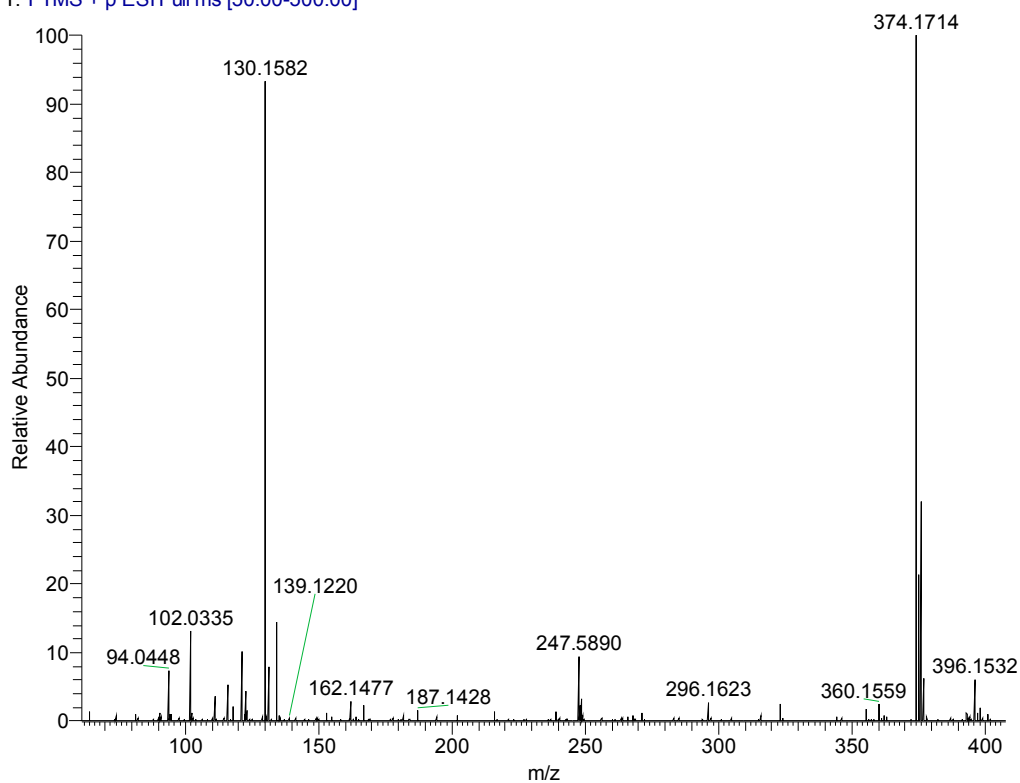


Figure S12. HRMS for compound 3l.

Muestra JACA 4A #139 RT: 1.55 AV: 1 NL: 7.68E6
T: FTMS + p ESI Full ms [50.00-650.00]

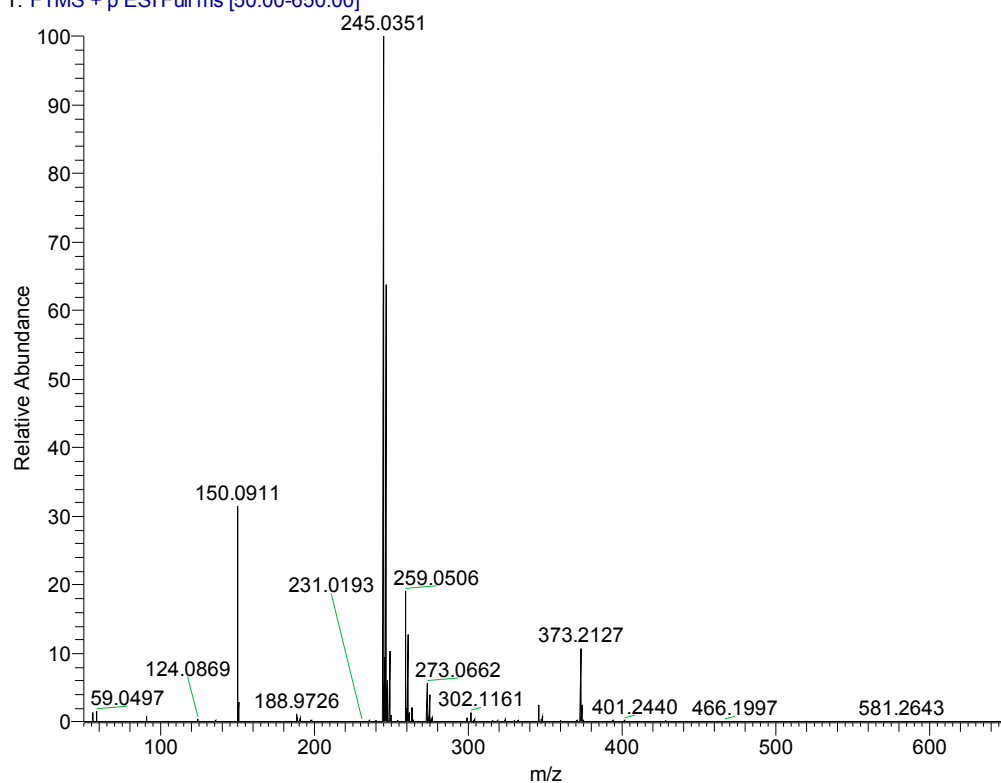


Figure S13. HRMS for compound 4a.

JACA4B #135 RT: 1.29 AV: 1 NL: 9.68E7
T: FTMS + p ESI Full ms [50.00-500.00]

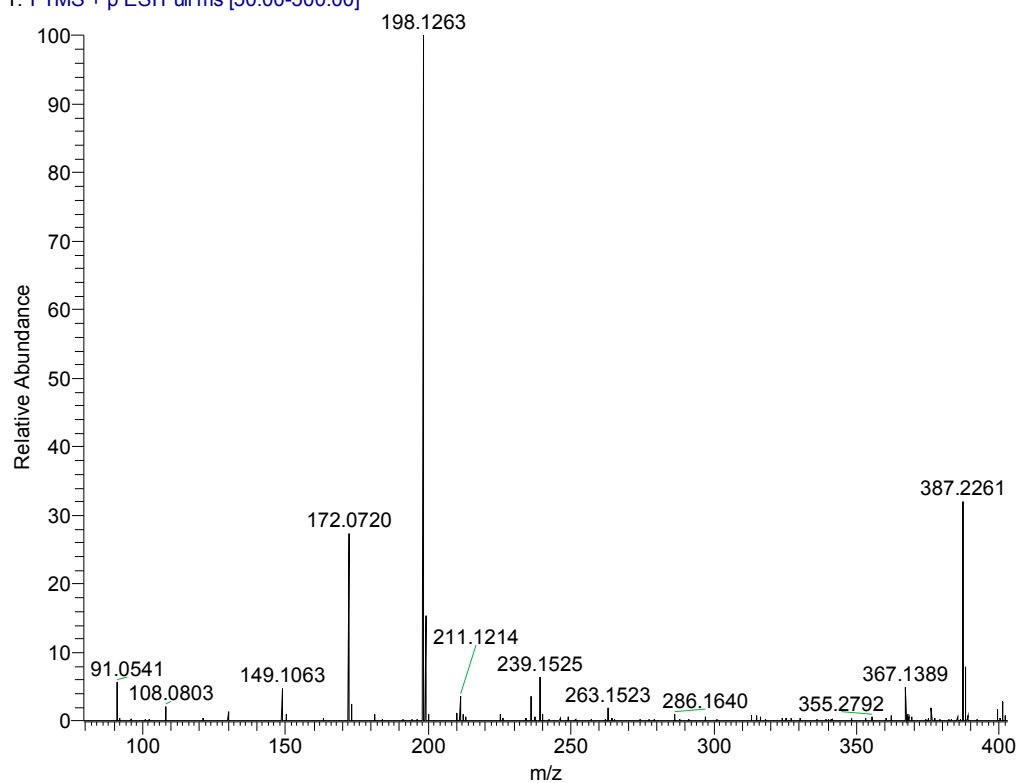


Figure S13. HRMS for compound 4b.

JACA4C #146 RT: 1.39 AV: 1 NL: 2.25E8
T: FTMS + p ESI Full ms [50.00-500.00]

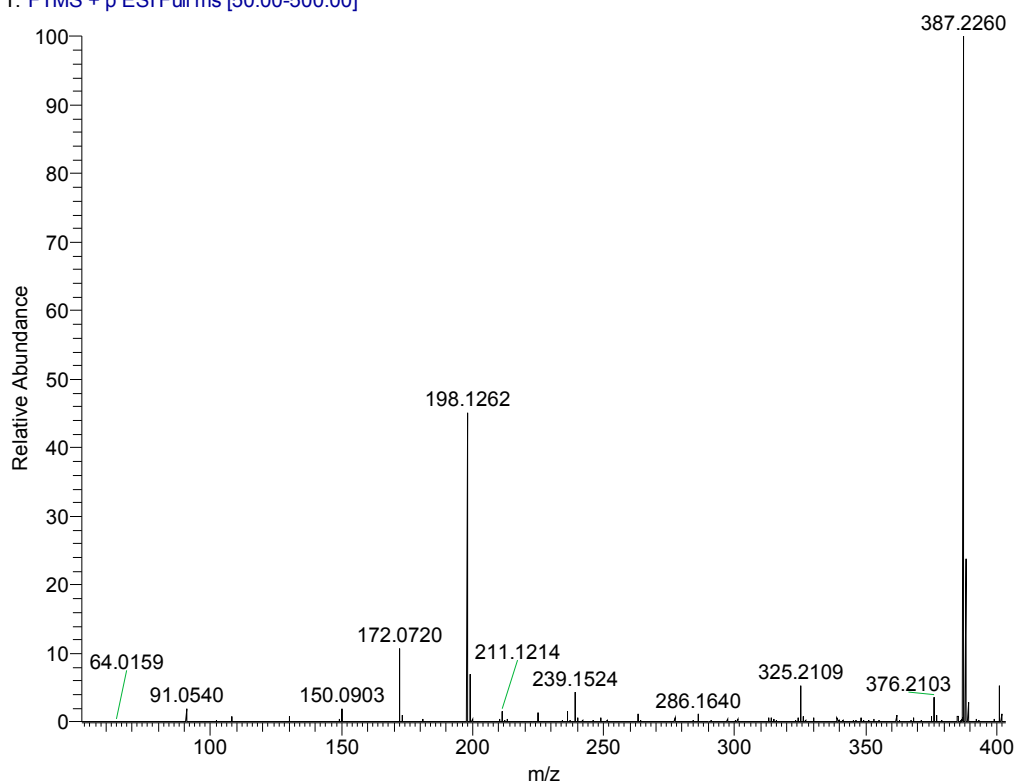


Figure S15. HRMS for compound 4c.

JACA4D #141 RT: 1.34 AV: 1 NL: 3.74E8
T: FTMS + p ESI Full ms [50.00-500.00]

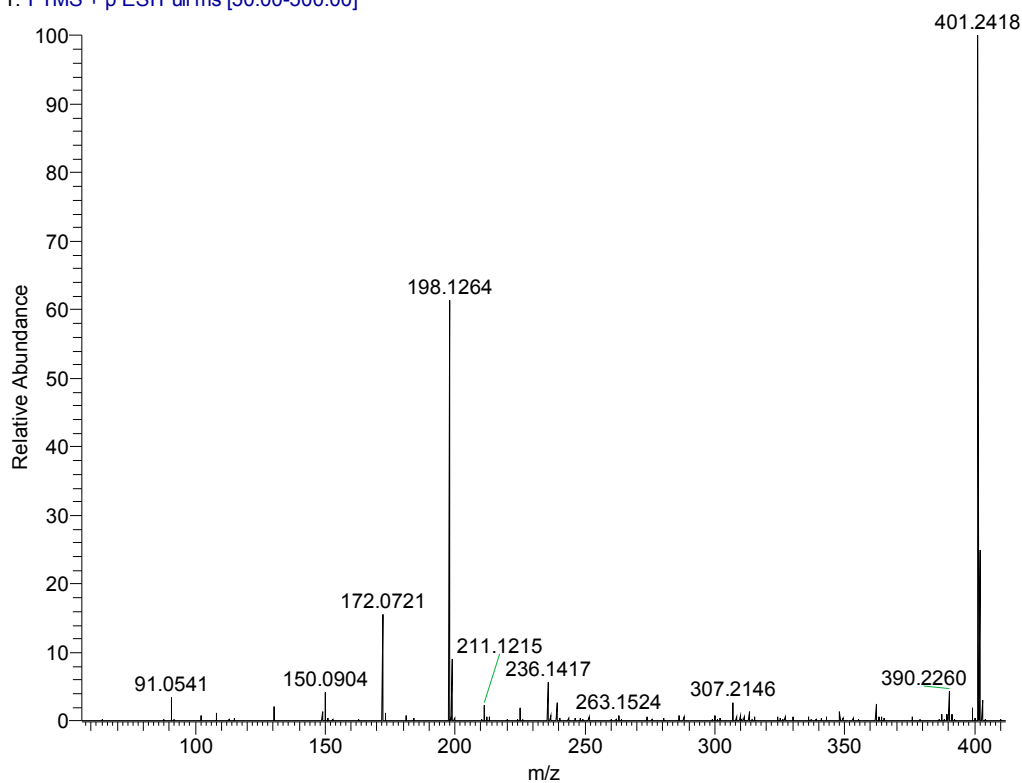


Figure S16. HRMS for compound 4d.

JACA4E #154 RT: 1.46 AV: 1 NL: 3.77E7
T: FTMS + p ESI Full ms [50.00-500.00]

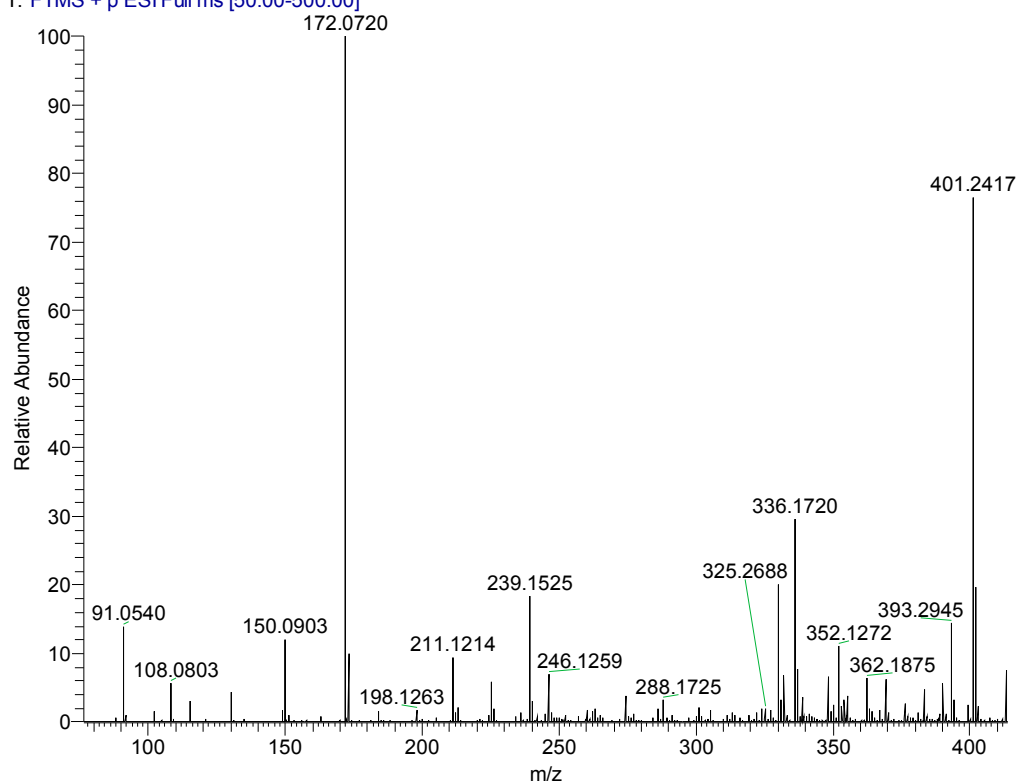


Figure S17. HRMS for compound 4e.

JACA4F #220 RT: 2.09 AV: 1 NL: 9.99E7
T: FTMS + p ESI Full ms [50.00-500.00]

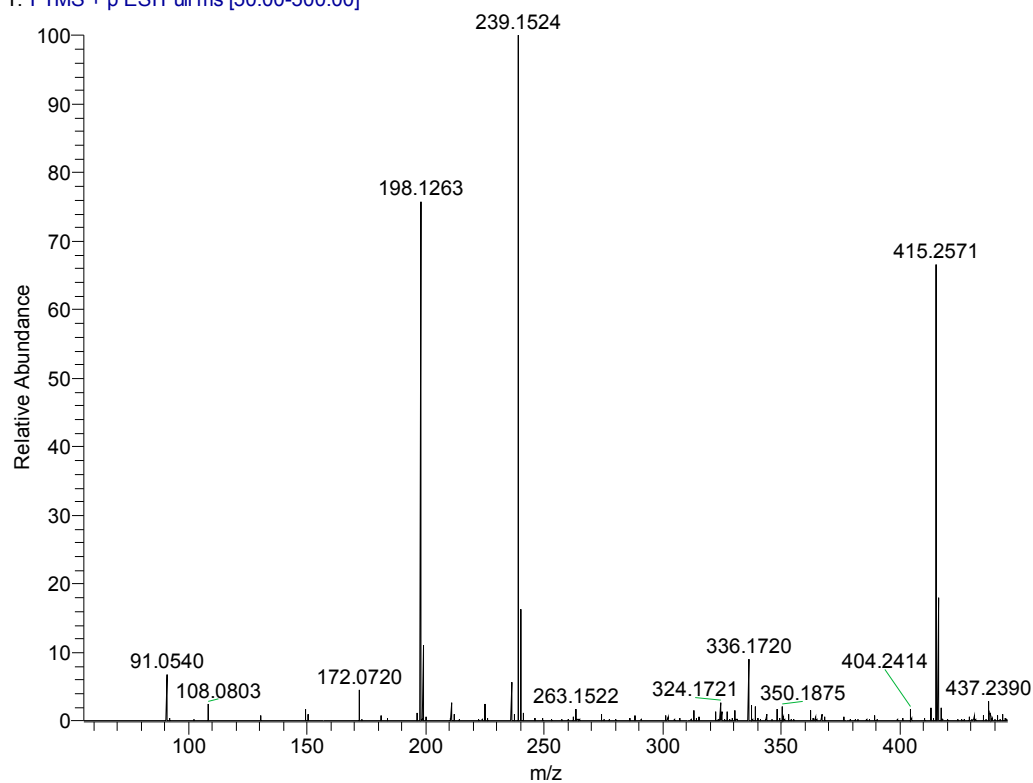


Figure S18. HRMS for compound 4f.

Muestra JACA 4G #103 RT: 1.13 AV: 1 NL: 8.66E6
T: FTMS + p ESI Full ms [50.00-650.00]

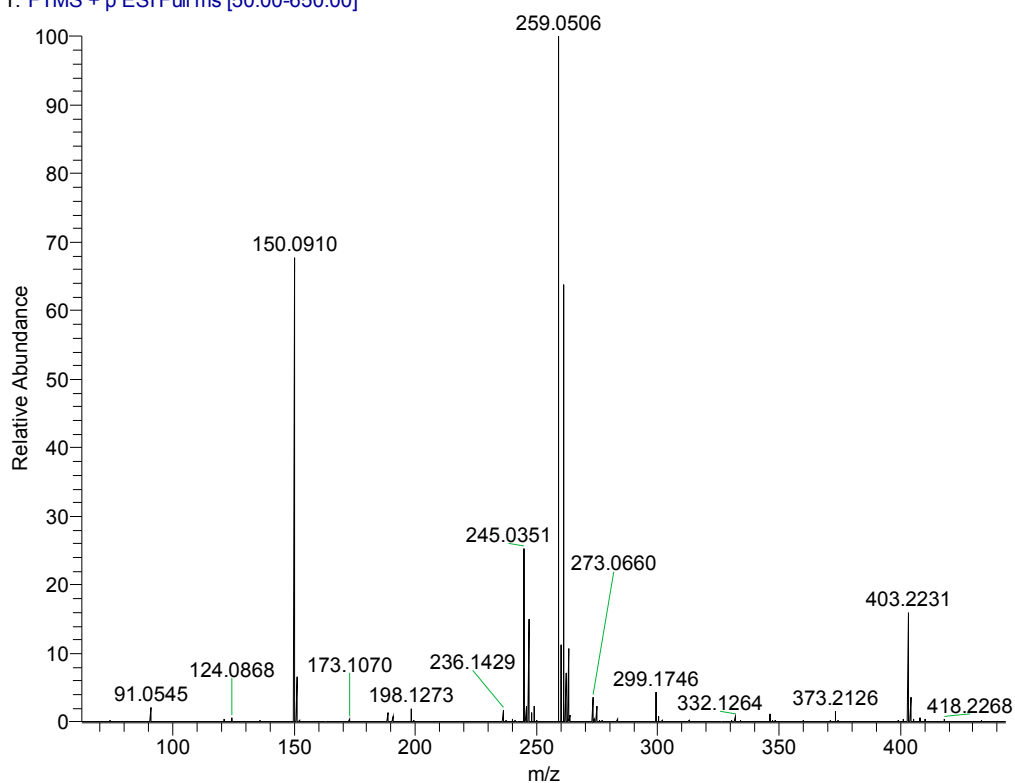


Figure S19. HRMS for compound 4g.

JACA4H #166 RT: 1.57 AV: 1 NL: 1.86E8
T: FTMS + p ESI Full ms [50.00-500.00]

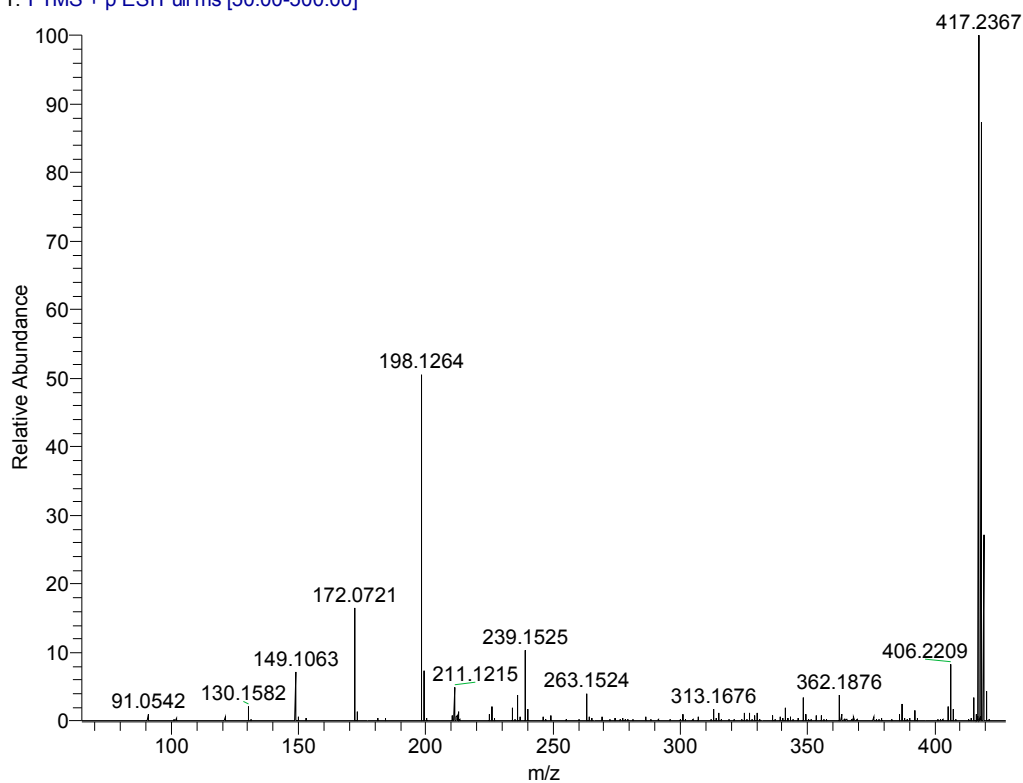


Figure S10. HRMS for compound 4h.

JACA4I #137 RT: 1.30 AV: 1 NL: 3.99E8
T: FTMS + p ESI Full ms [50.00-500.00]

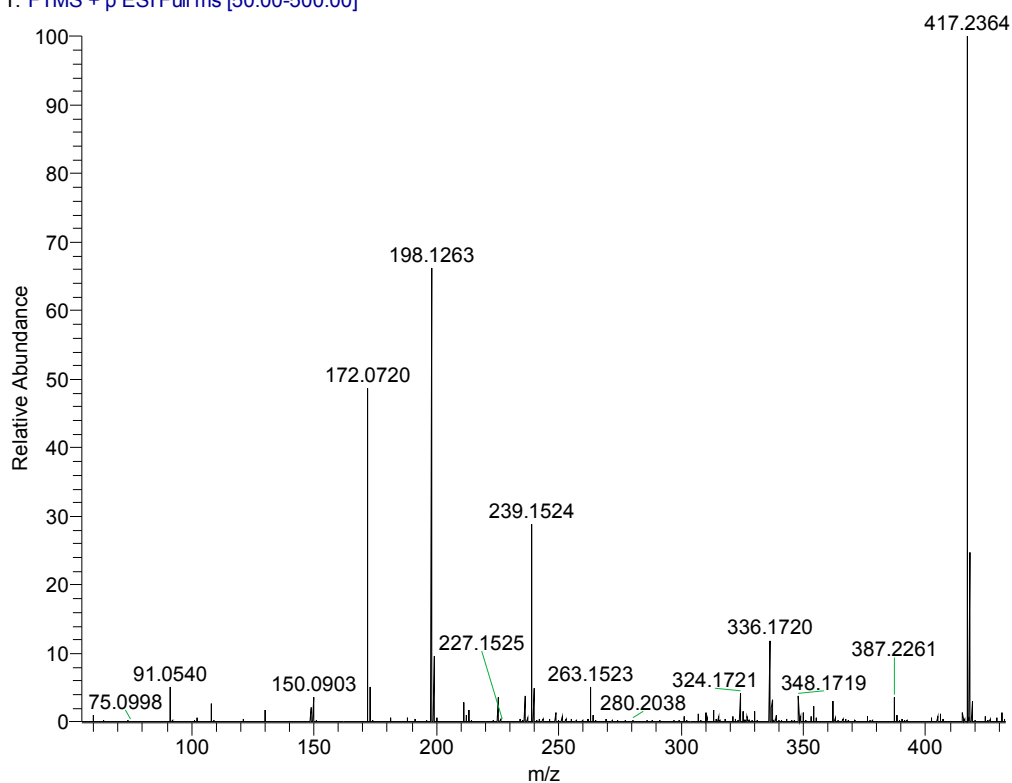


Figure S21. HRMS for compound **4i**.

JACA4J #190 RT: 1.82 AV: 1 NL: 1.51E8
T: FTMS + p ESI Full ms [50.00-500.00]

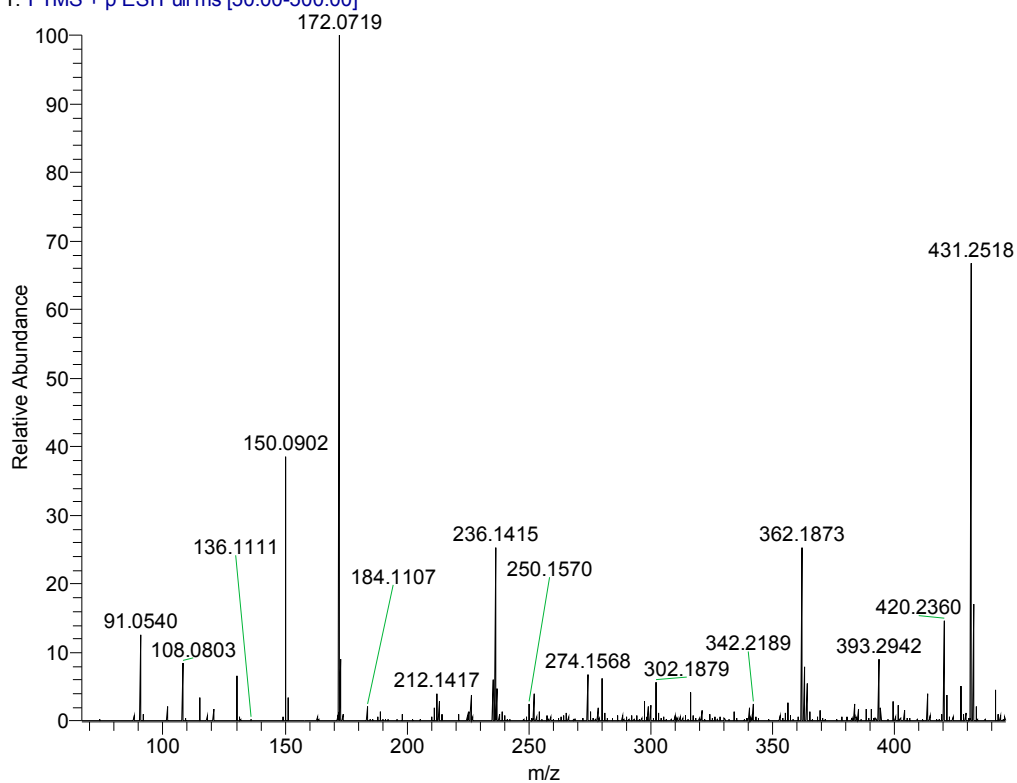


Figure S22. HRMS for compound **4j**.

JACA4K_2 #157 RT: 1.49 AV: 1 NL: 7.72E7
T: FTMS + p ESI Full ms [50.00-500.00]

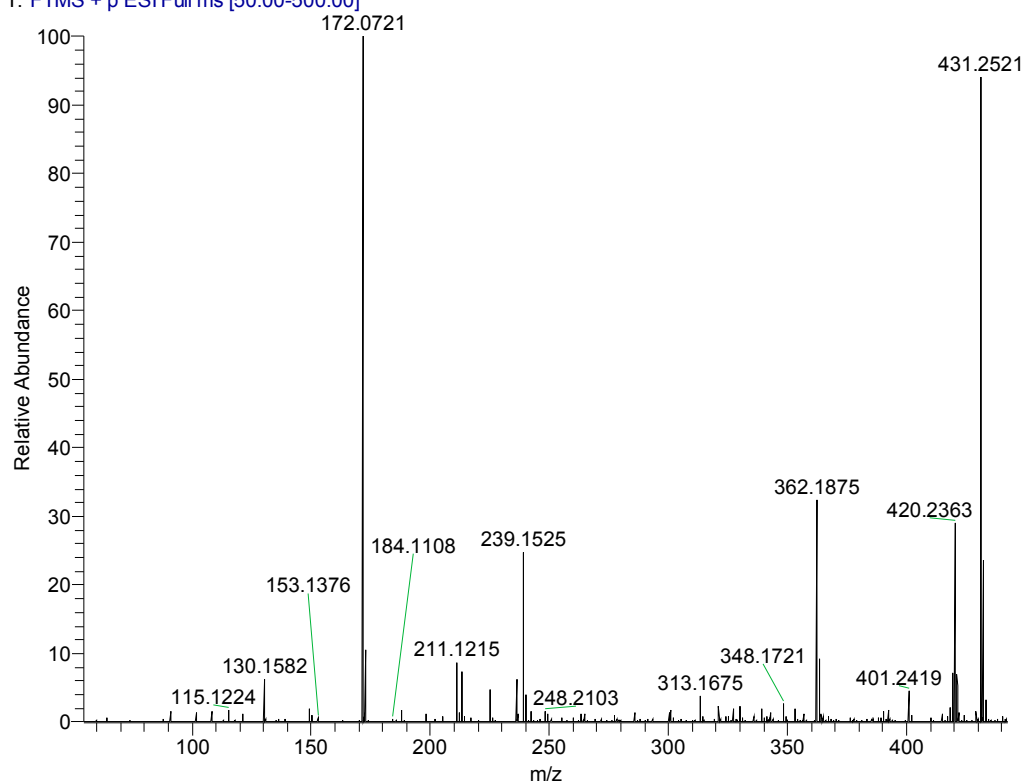


Figure S23. HRMS for compound 4k.

JACA4L_140429003300 #192 RT: 1.83 AV: 1 NL: 4.60E7
T: FTMS + p ESI Full ms [50.00-500.00]

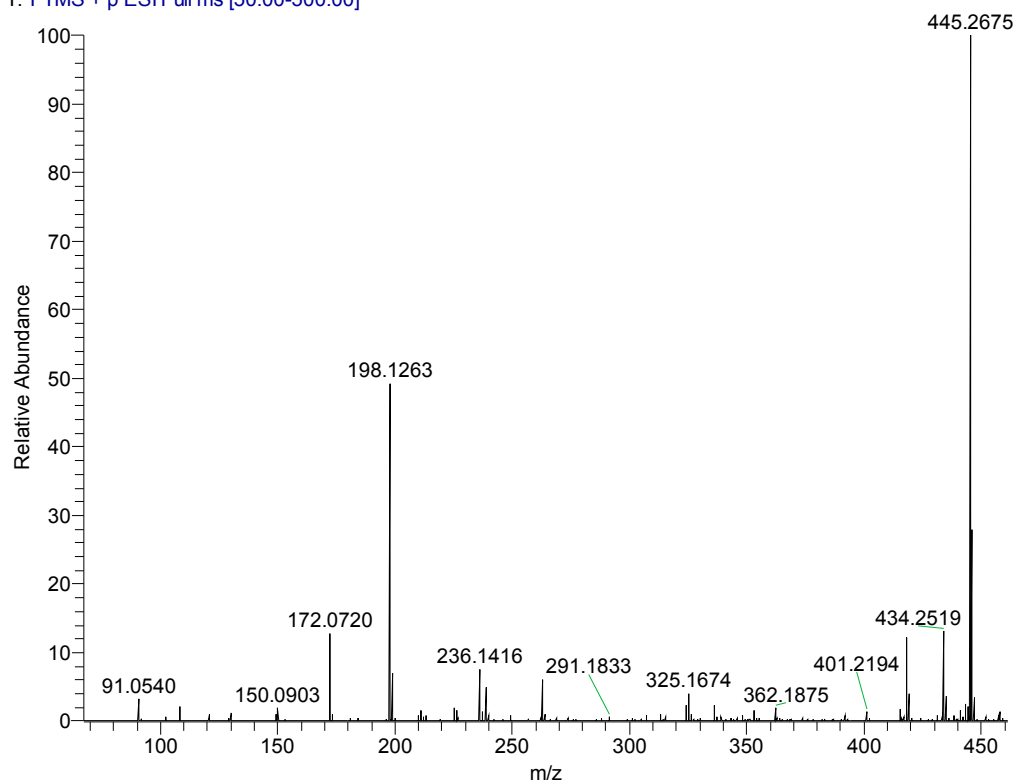


Figure S24. HRMS for compound 4l.

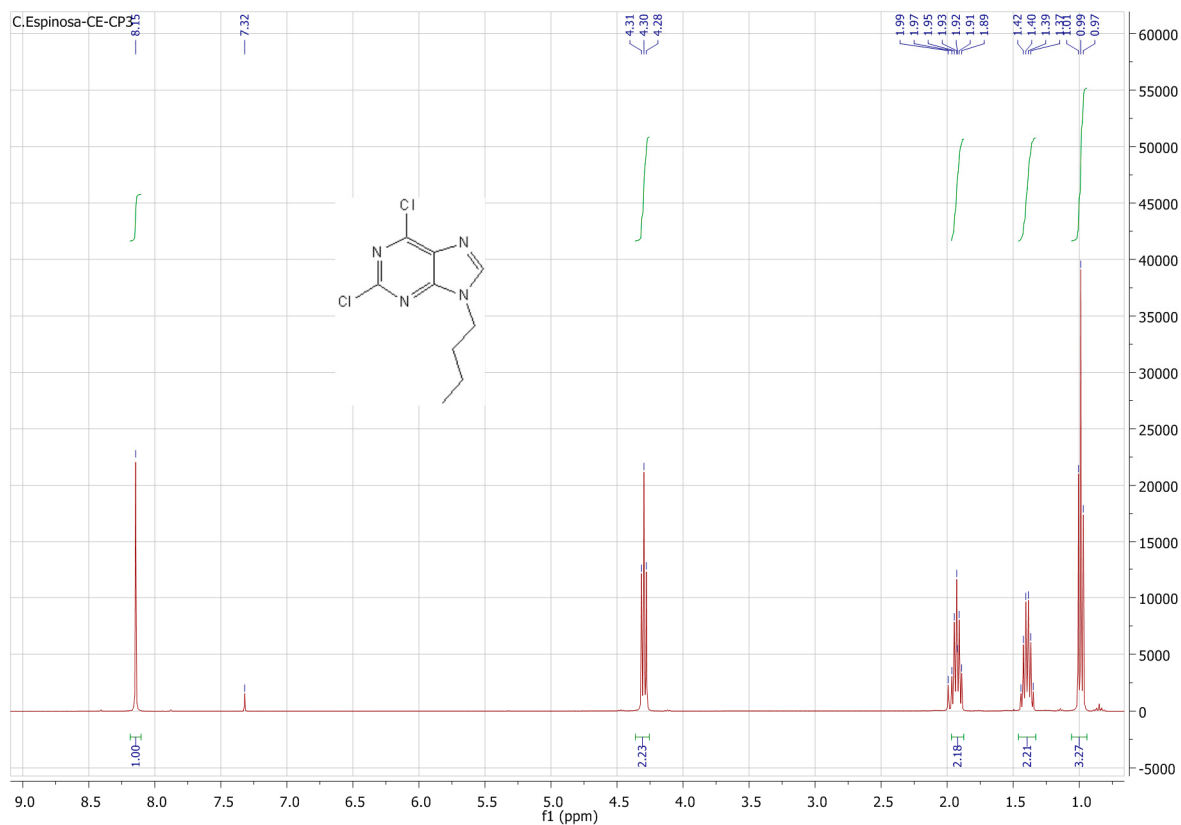


Figure S25. ^1H -NMR for compound **2b**.

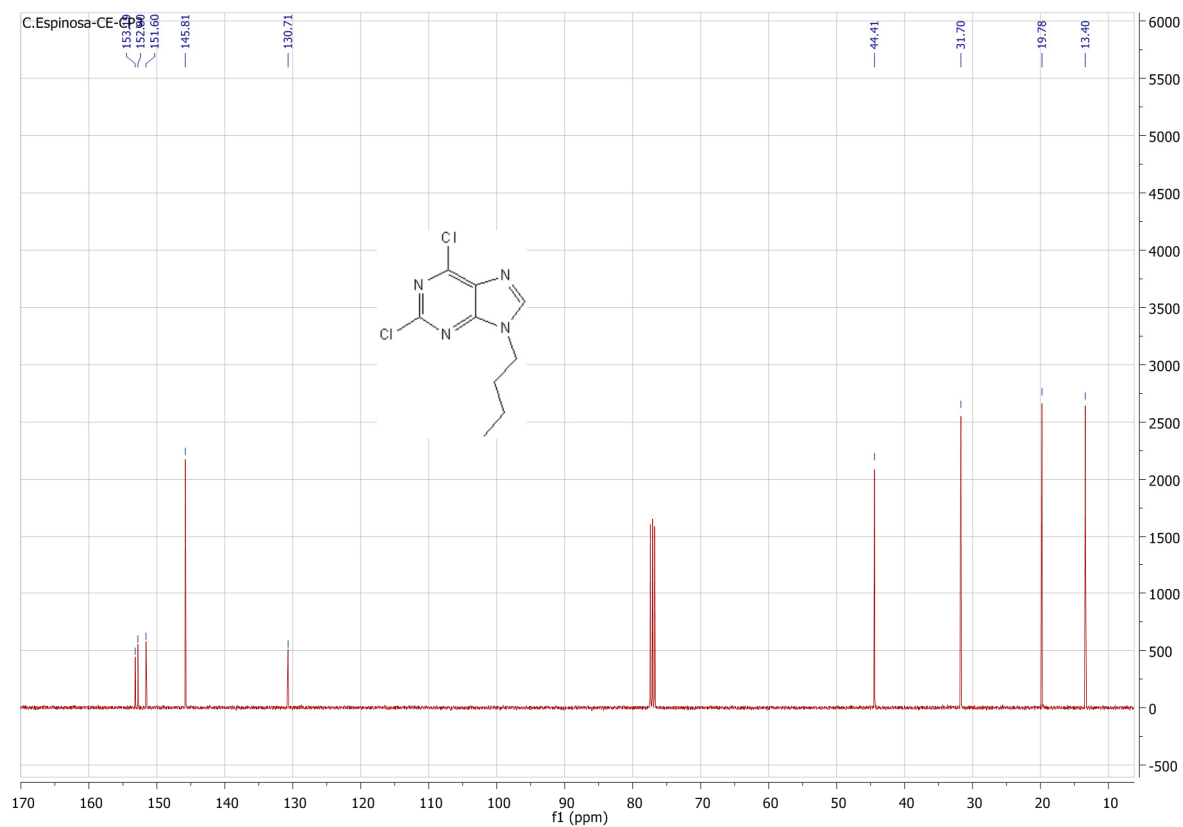


Figure S26. ^{13}C -NMR for compound **2b**.

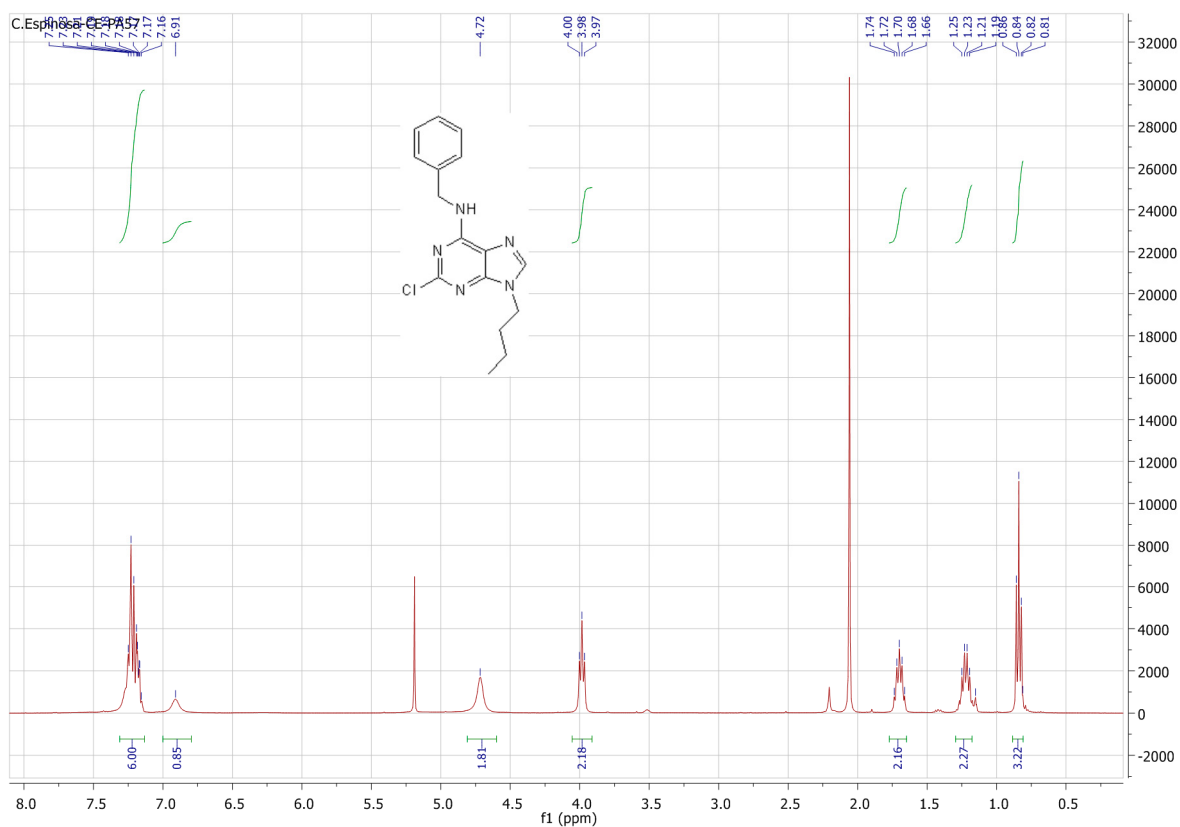


Figure S27. ^1H -NMR for compound **3b**.

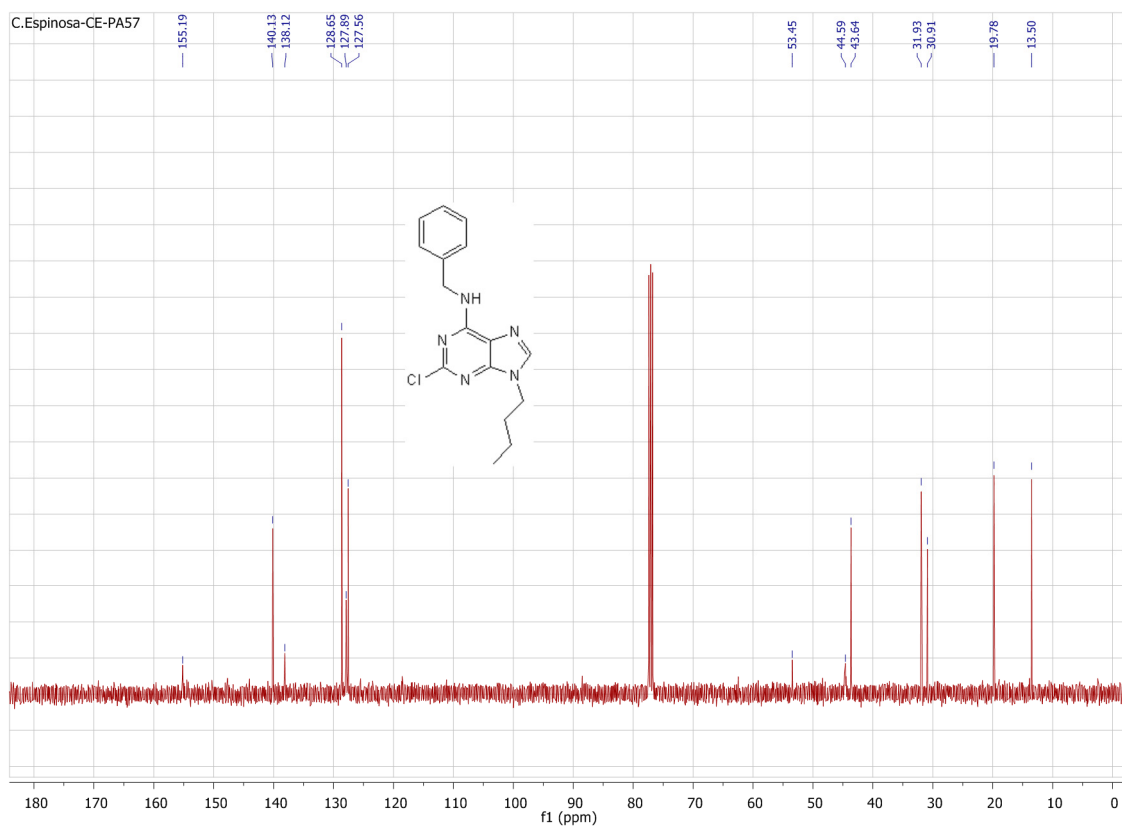
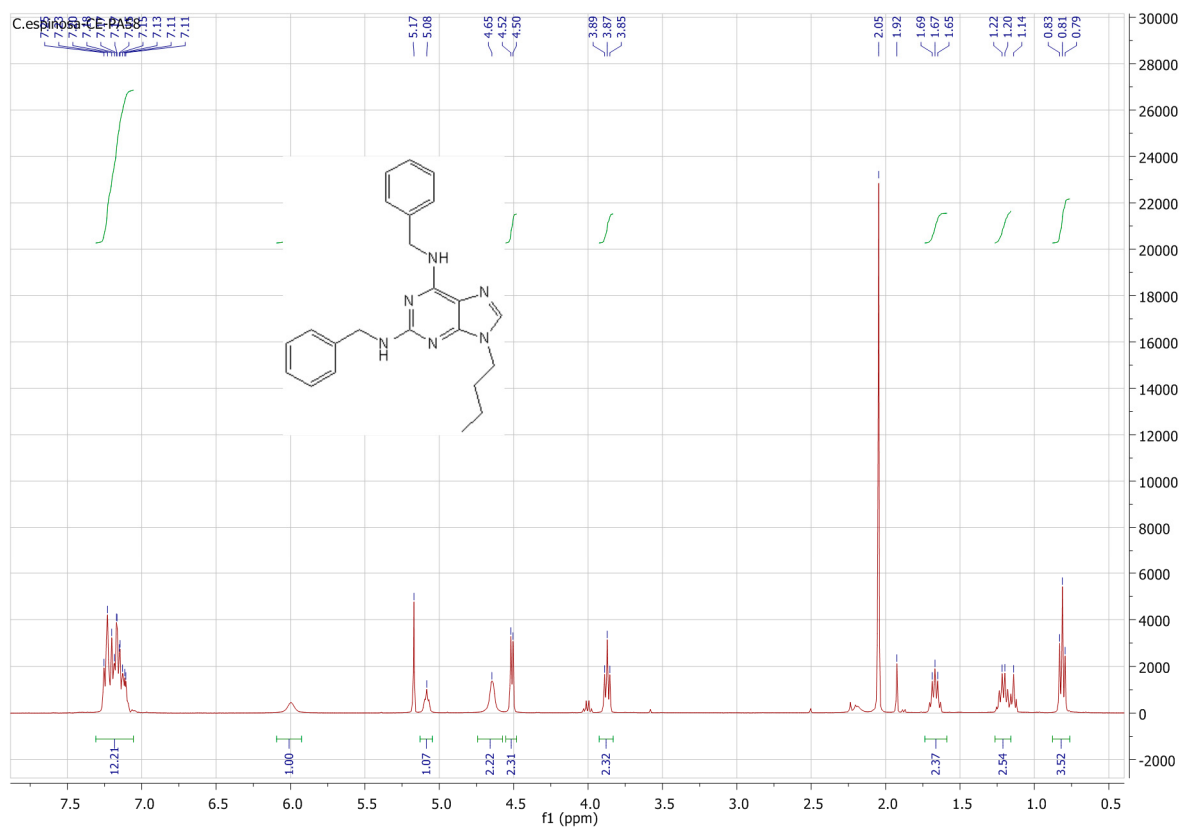


Figure S28. ^{13}C -NMR for compound **3b**.



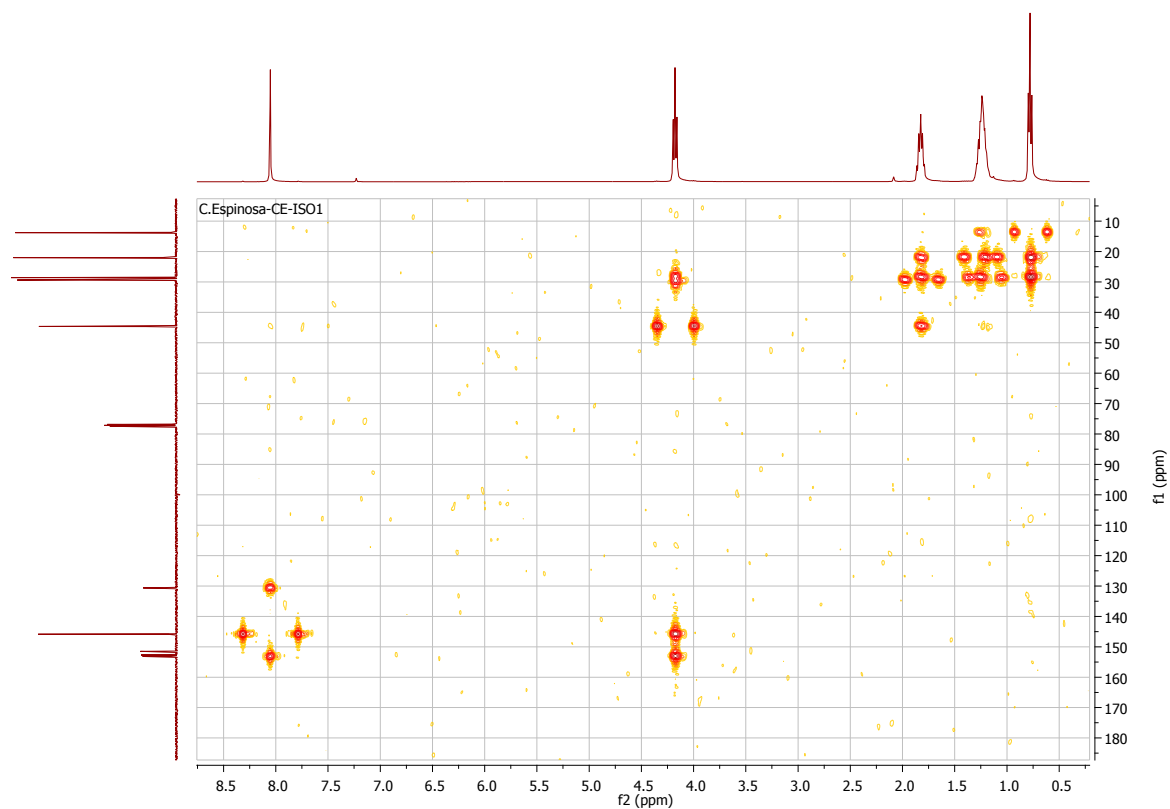


Figure S31. HMBC for compound **2b**.

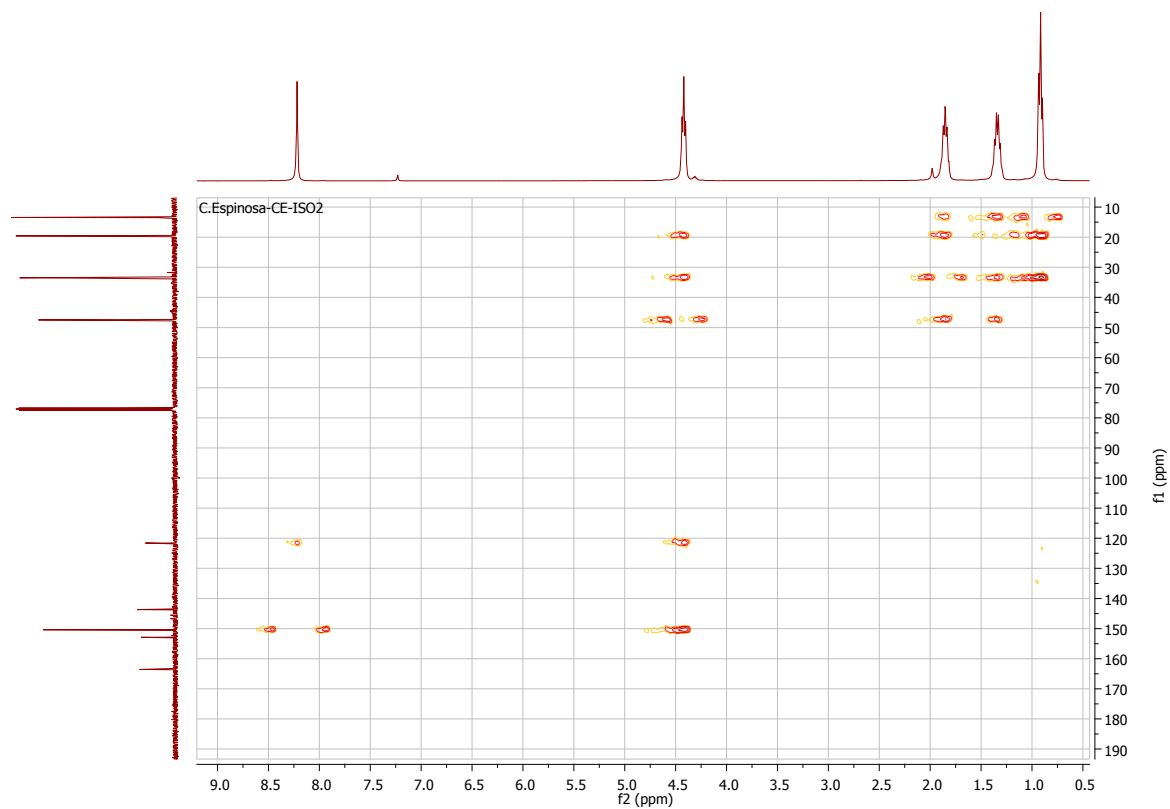


Figure S32. HMBC for compound **2b'**.

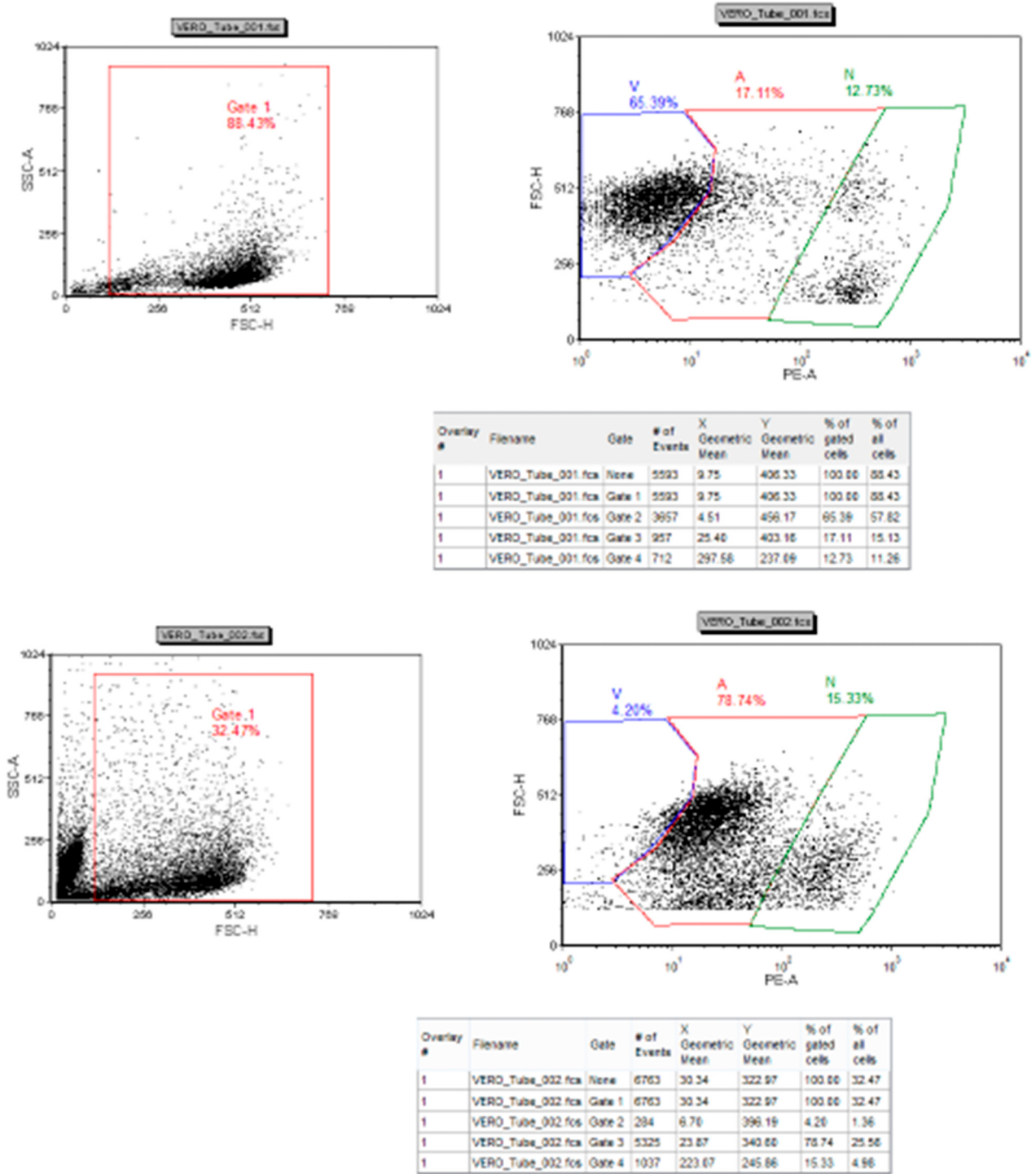


Figure S33. Cont.

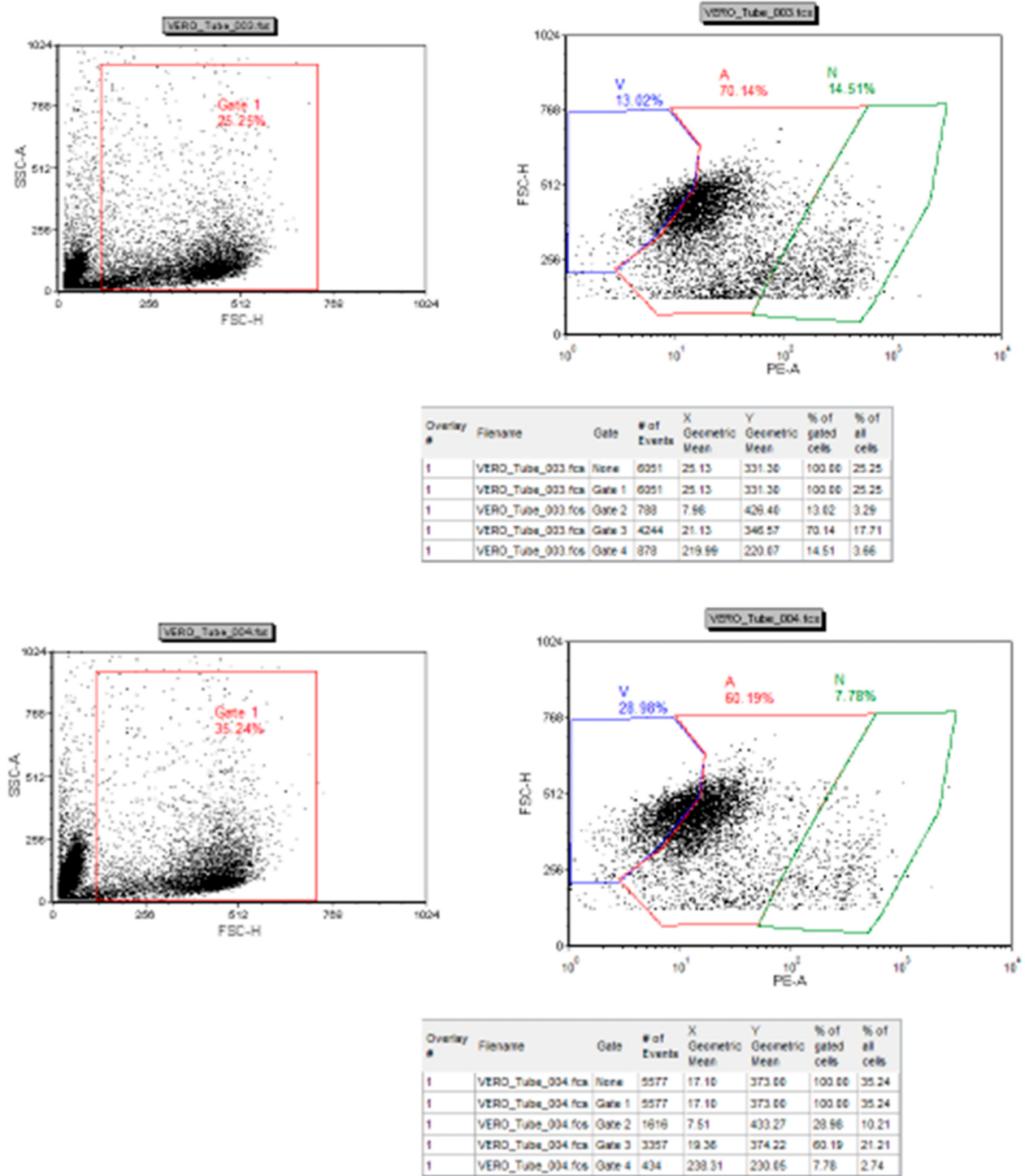
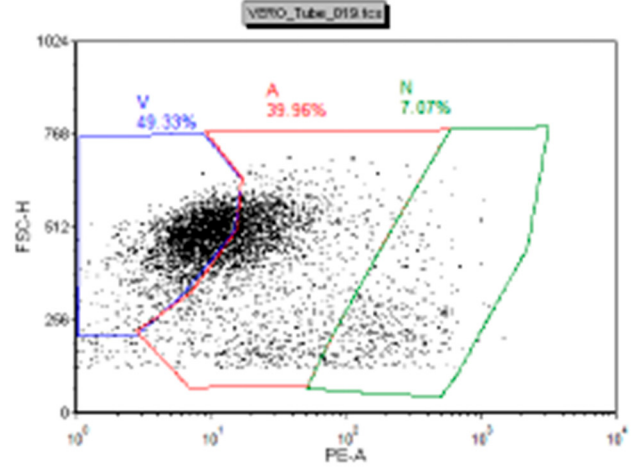
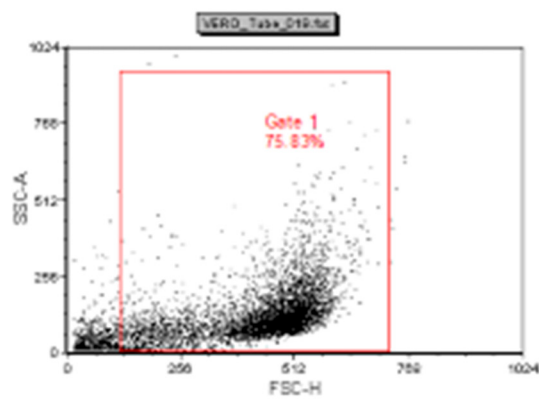
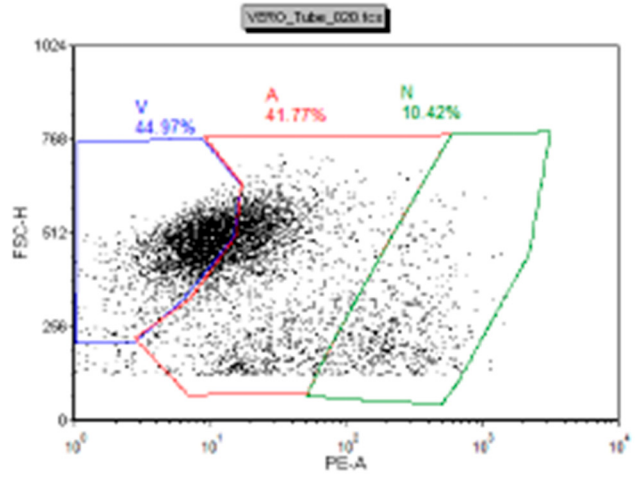
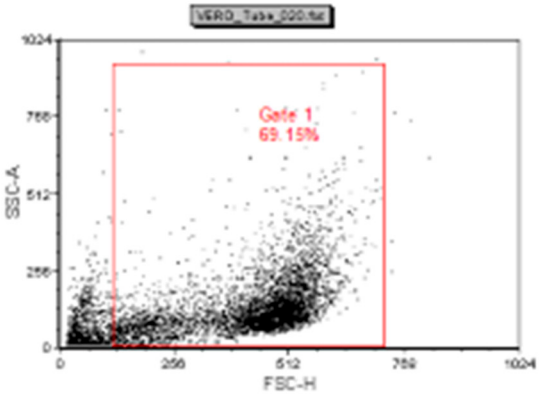


Figure S33. Cont.



Overlay #	Filename	Gate	# of Events	X Geometric Mean	Y Geometric Mean	% of gated cells	% of all cells
1	VERO_Tube_019.fcs	None	5453	14.34	413.95	100.00	75.83
1	VERO_Tube_019.fcs	Gate 1	5453	14.34	413.95	100.00	75.83
1	VERO_Tube_019.fcs	Gate 2	2695	7.46	473.74	49.33	37.41
1	VERO_Tube_019.fcs	Gate 3	2153	23.43	407.23	39.96	30.38
1	VERO_Tube_019.fcs	Gate 4	398	218.22	233.72	7.07	5.36



Overlay #	Filename	Gate	# of Events	X Geometric Mean	Y Geometric Mean	% of gated cells	% of all cells
1	VERO_Tube_020.fcs	None	5604	16.96	399.27	100.00	69.15
1	VERO_Tube_020.fcs	Gate 1	5604	16.96	399.27	100.00	69.15
1	VERO_Tube_020.fcs	Gate 2	2520	7.52	472.32	44.97	31.16
1	VERO_Tube_020.fcs	Gate 3	2341	23.61	392.67	41.77	26.89
1	VERO_Tube_020.fcs	Gate 4	584	236.93	232.93	10.42	7.21

Figure S33. Cont.

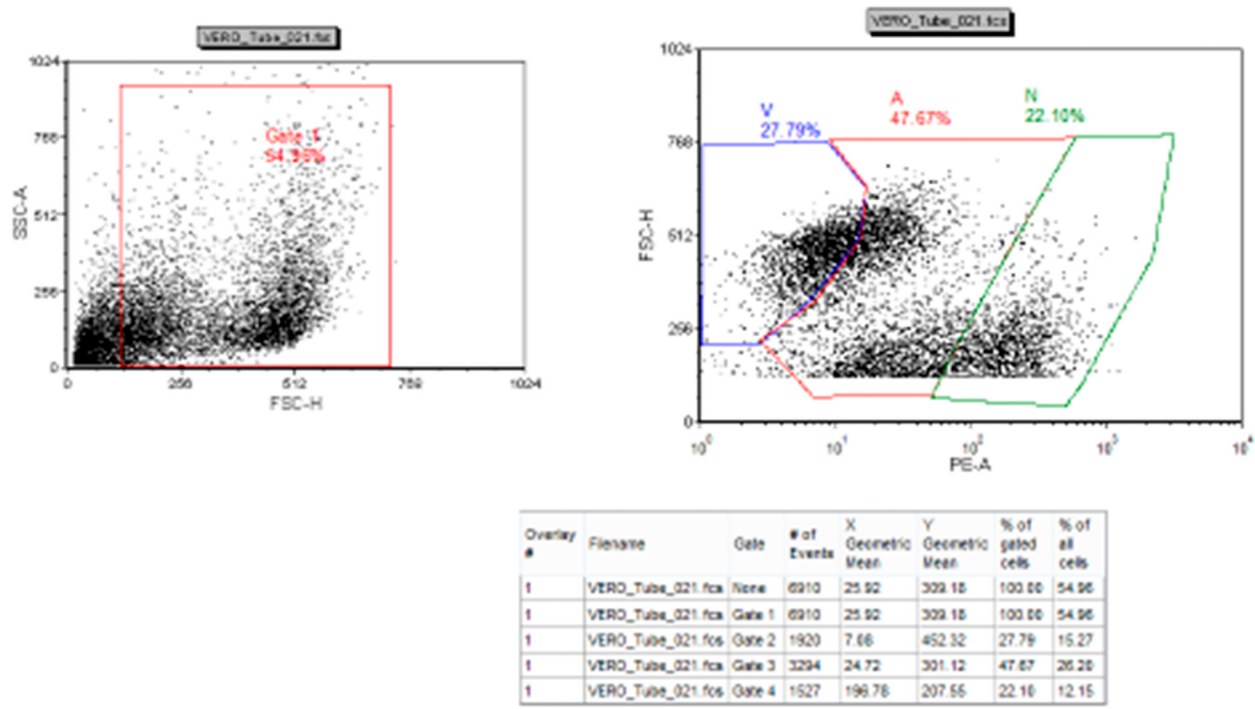


Figure S33. Flow cytometry analysis on VERO cells.

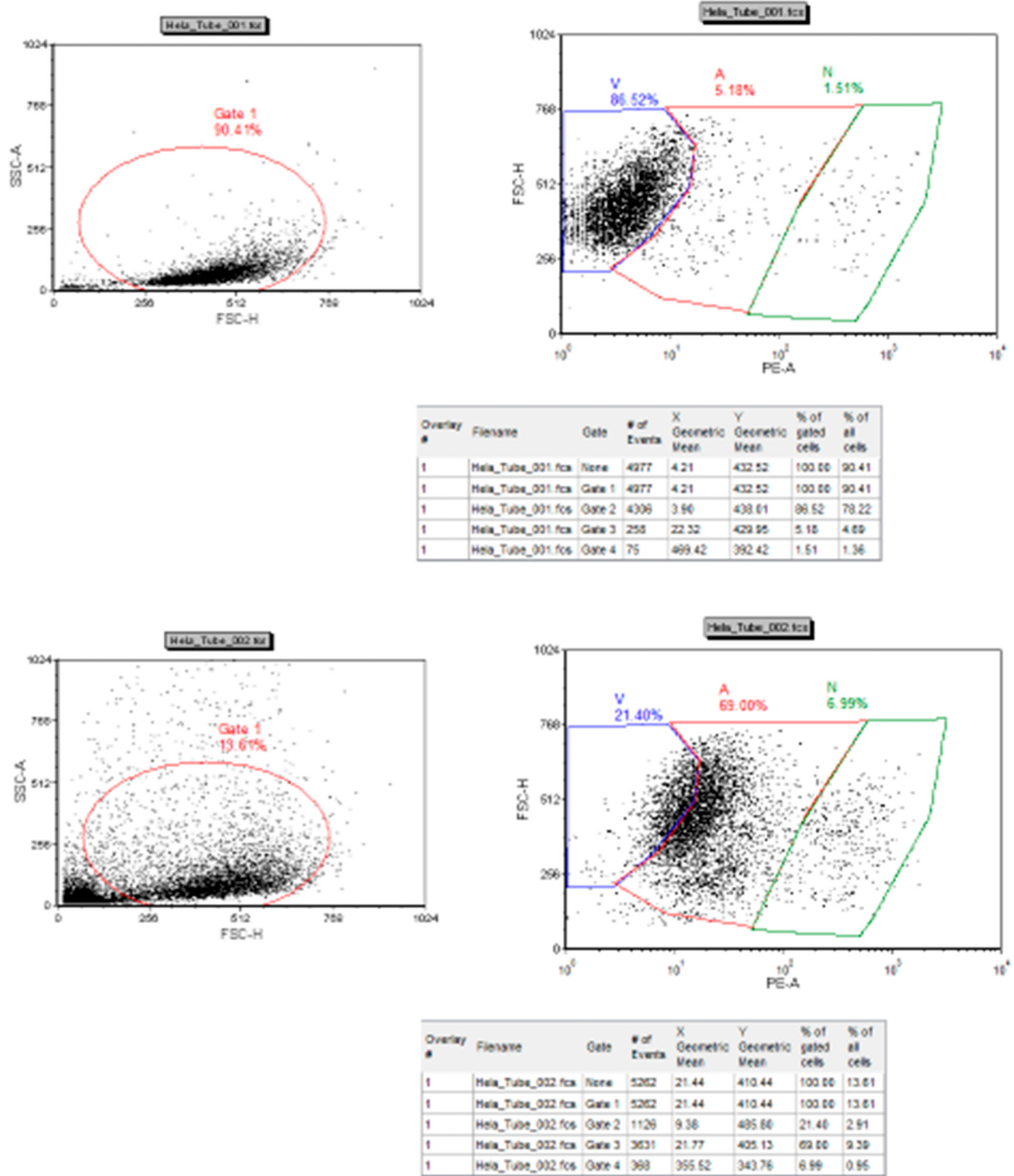


Figure S34. Cont.

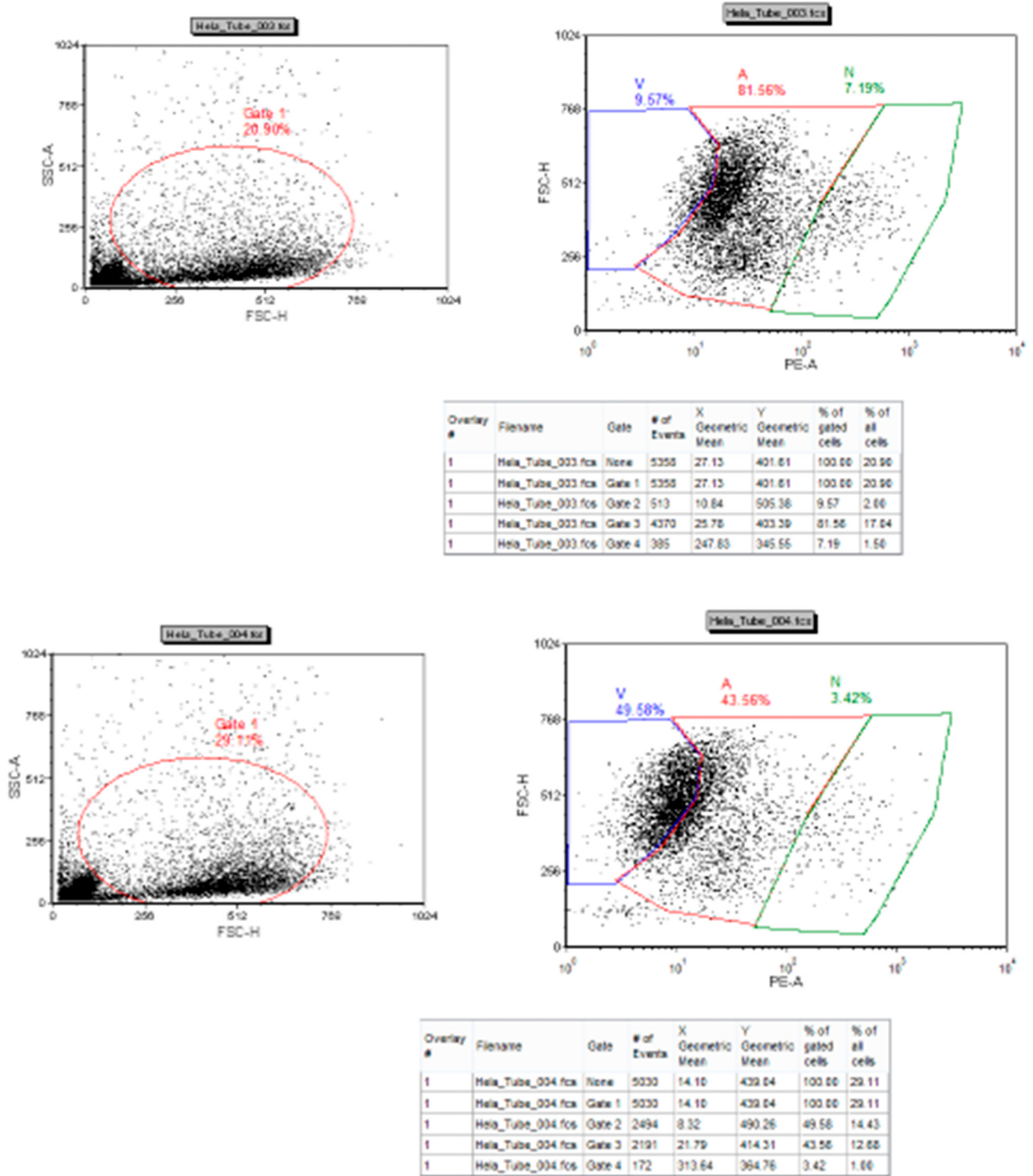


Figure S34. Cont.

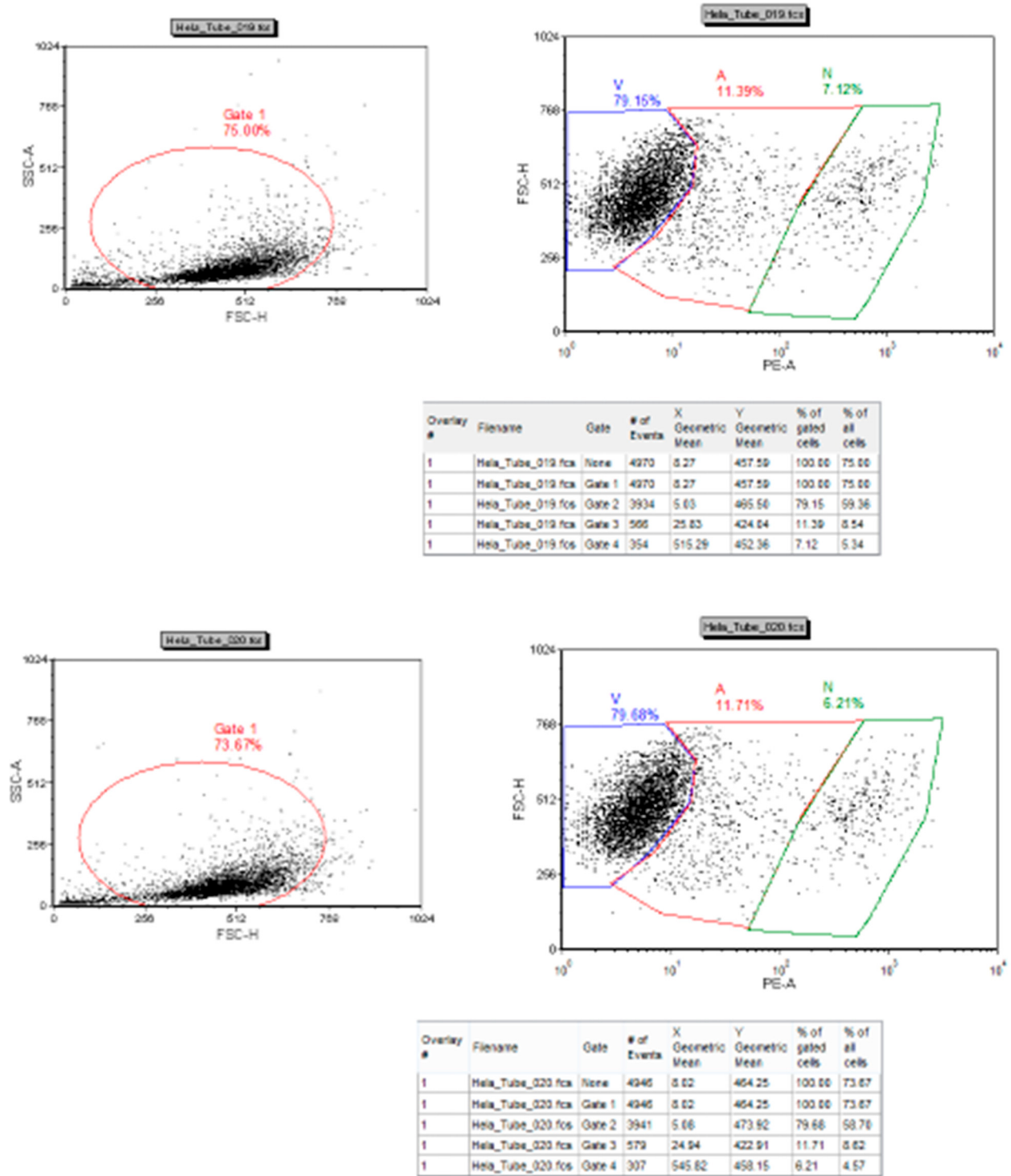


Figure S34. Cont.

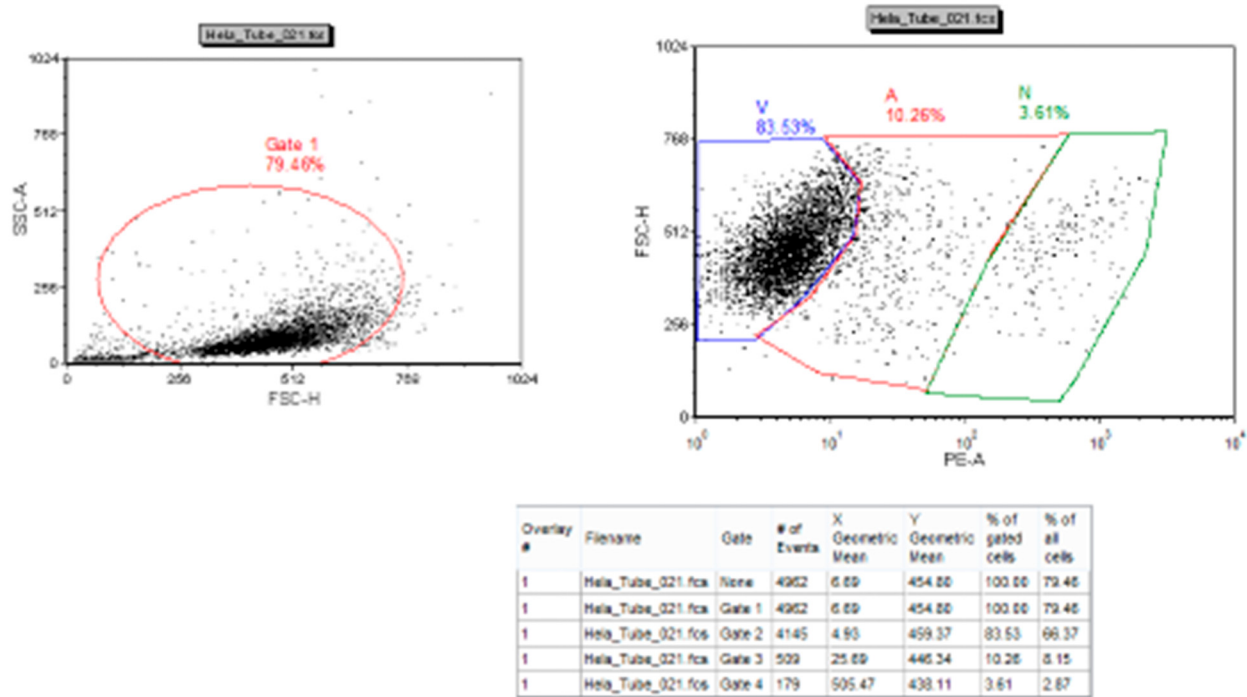


Figure S34. Flow cytometry analysis on HeLa cells.

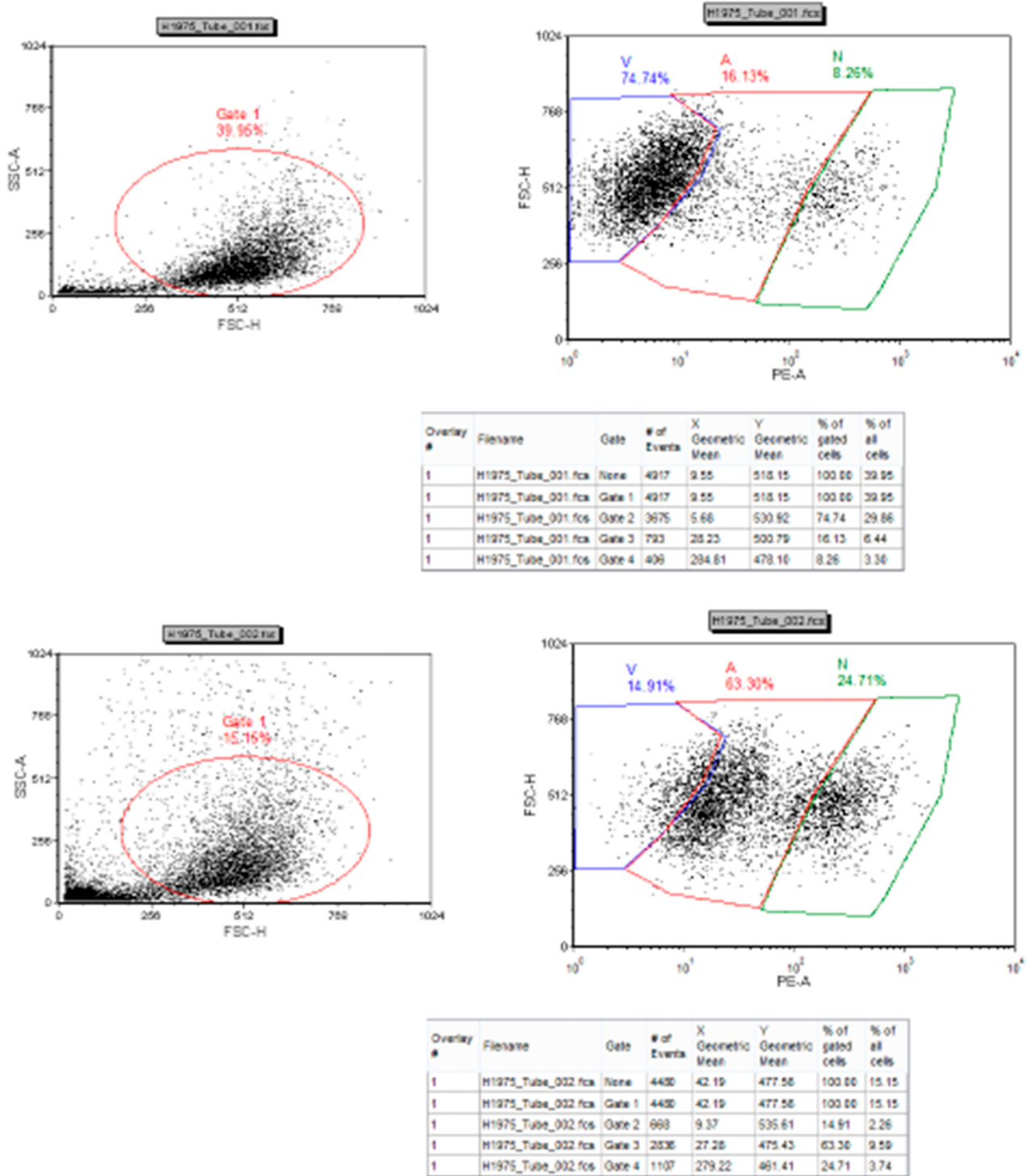
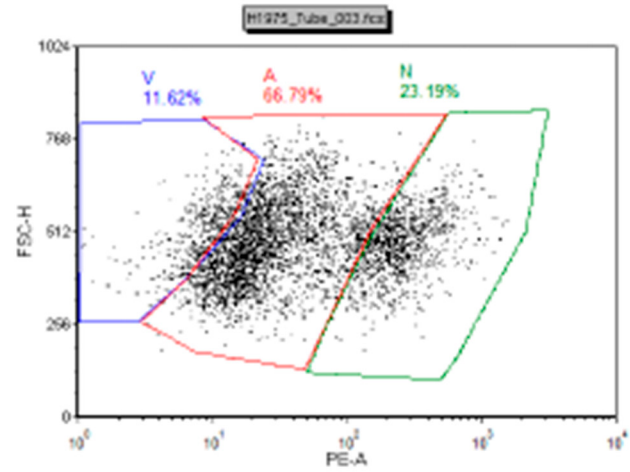
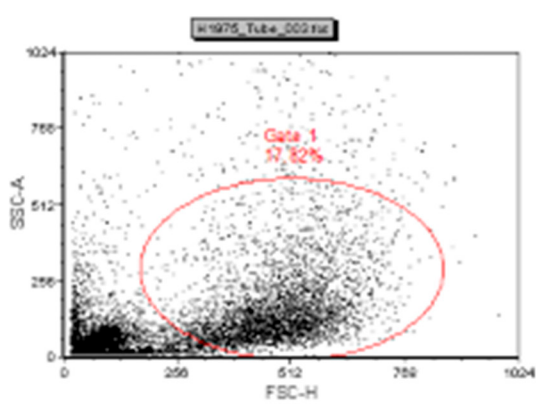
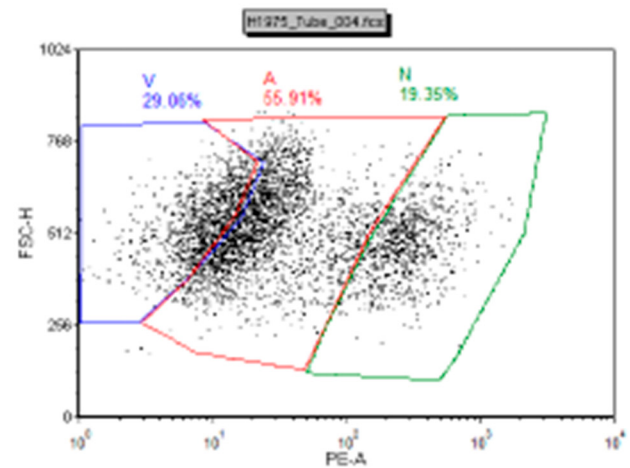
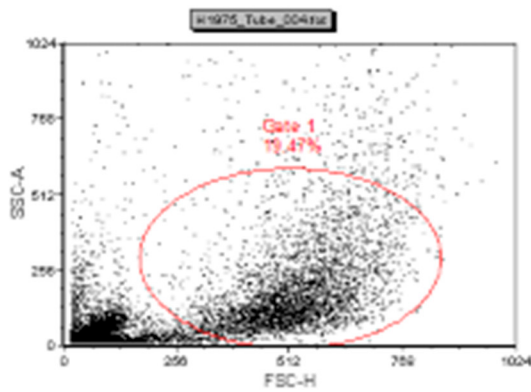


Figure S35. Cont.

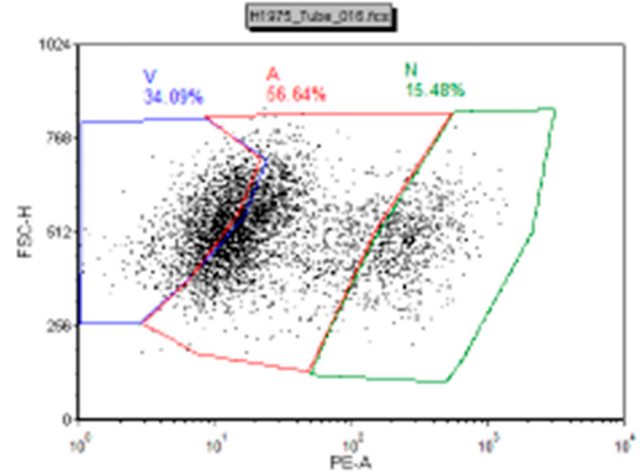
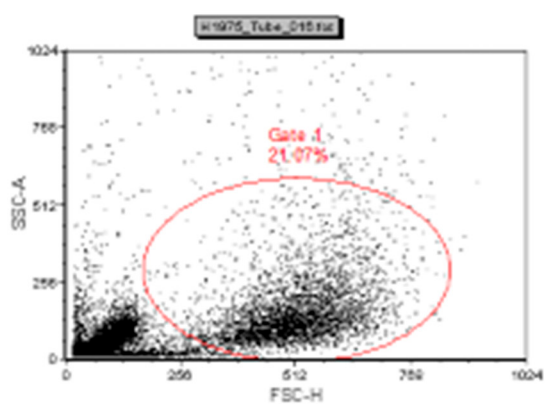


Overlay #	Filename	Gate	# of Events	X Geometric Mean	Y Geometric Mean	% of gated cells	% of all cells
1	H1975_Tube_003.fcs	None	4435	41.75	471.53	100.00	17.82
1	H1975_Tube_003.fcs	Gate 1	4435	41.75	471.53	100.00	17.82
1	H1975_Tube_003.fcs	Gate 2	512	9.62	520.48	11.62	2.87
1	H1975_Tube_003.fcs	Gate 3	2944	27.65	469.56	66.79	11.90
1	H1975_Tube_003.fcs	Gate 4	1022	266.16	461.69	23.19	4.13

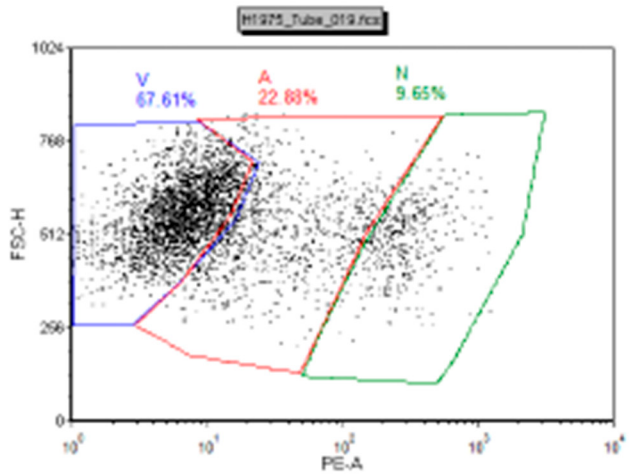
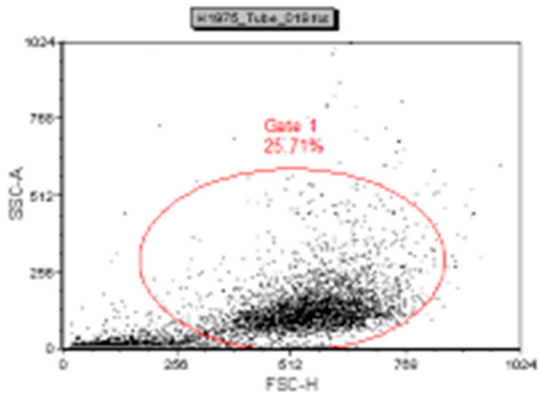


Overlay #	Filename	Gate	# of Events	X Geometric Mean	Y Geometric Mean	% of gated cells	% of all cells
1	H1975_Tube_004.fcs	None	4415	31.45	509.22	100.00	19.47
1	H1975_Tube_004.fcs	Gate 1	4415	31.45	509.22	100.00	19.47
1	H1975_Tube_004.fcs	Gate 2	1204	9.16	544.68	29.66	5.66
1	H1975_Tube_004.fcs	Gate 3	2470	26.06	511.22	55.91	10.88
1	H1975_Tube_004.fcs	Gate 4	855	290.52	496.55	19.35	3.77

Figure S35. Cont.



Overlay #	Filename	Gate	# of Events	X Geometric Mean	Y Geometric Mean	% of gated cells	% of all cells
1	H1975_Tube_016.fcs	None	4555	25.32	501.53	100.00	21.07
1	H1975_Tube_016.fcs	Gate 1	4555	25.32	501.53	100.00	21.07
1	H1975_Tube_016.fcs	Gate 2	1553	9.55	542.78	34.09	7.18
1	H1975_Tube_016.fcs	Gate 3	2580	22.48	494.22	56.64	11.93
1	H1975_Tube_016.fcs	Gate 4	705	272.57	495.69	15.48	3.26



Overlay #	Filename	Gate	# of Events	X Geometric Mean	Y Geometric Mean	% of gated cells	% of all cells
1	H1975_Tube_019.fcs	None	4112	12.51	542.78	100.00	25.71
1	H1975_Tube_019.fcs	Gate 1	4112	12.51	542.78	100.00	25.71
1	H1975_Tube_019.fcs	Gate 2	2786	6.57	566.21	67.61	17.36
1	H1975_Tube_019.fcs	Gate 3	941	29.96	512.93	22.68	5.85
1	H1975_Tube_019.fcs	Gate 4	397	295.13	498.44	9.65	2.48

Figure S35. Cont.

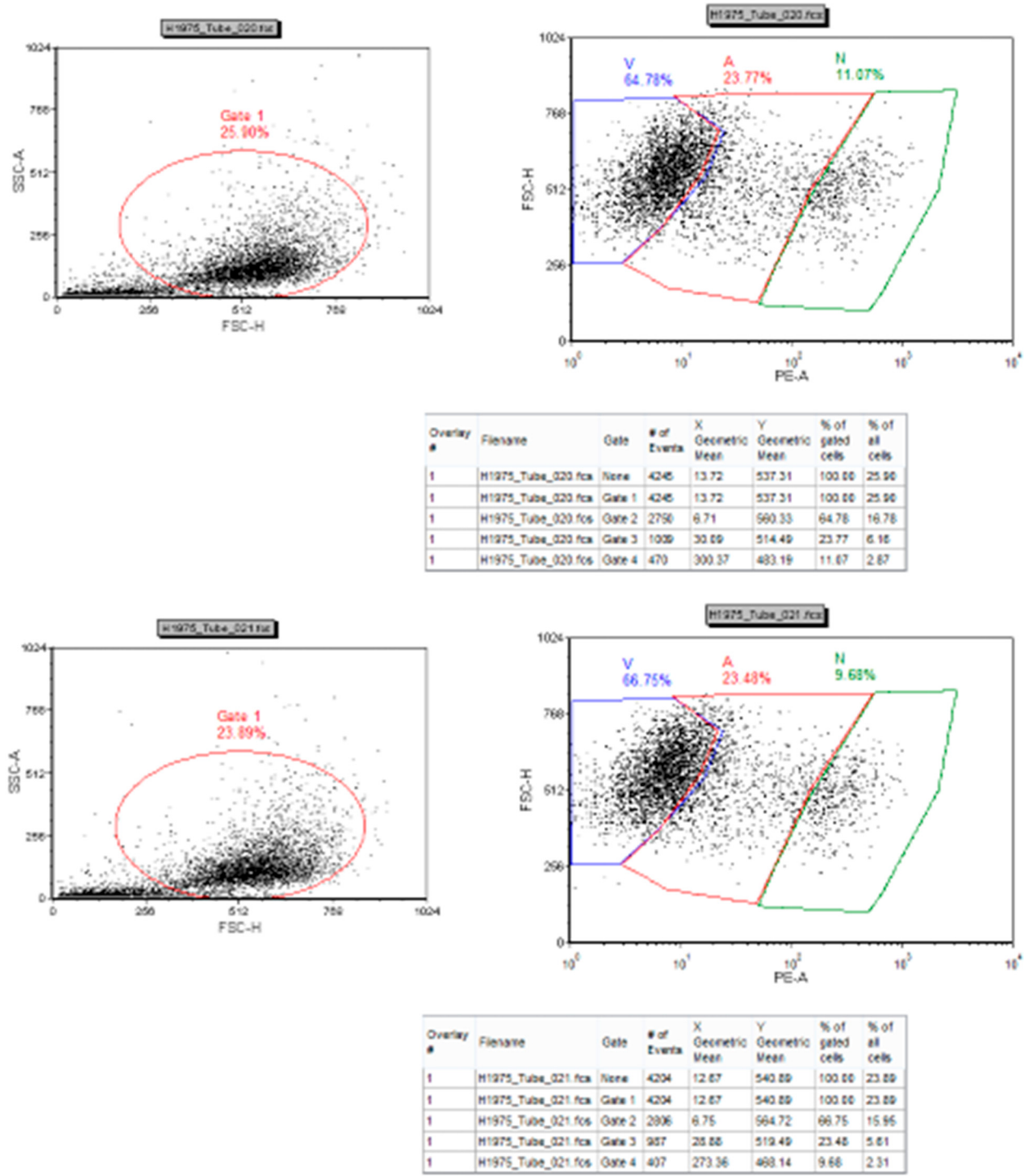


Figure S35. Flow cytometry analysis on HT1975 cells.

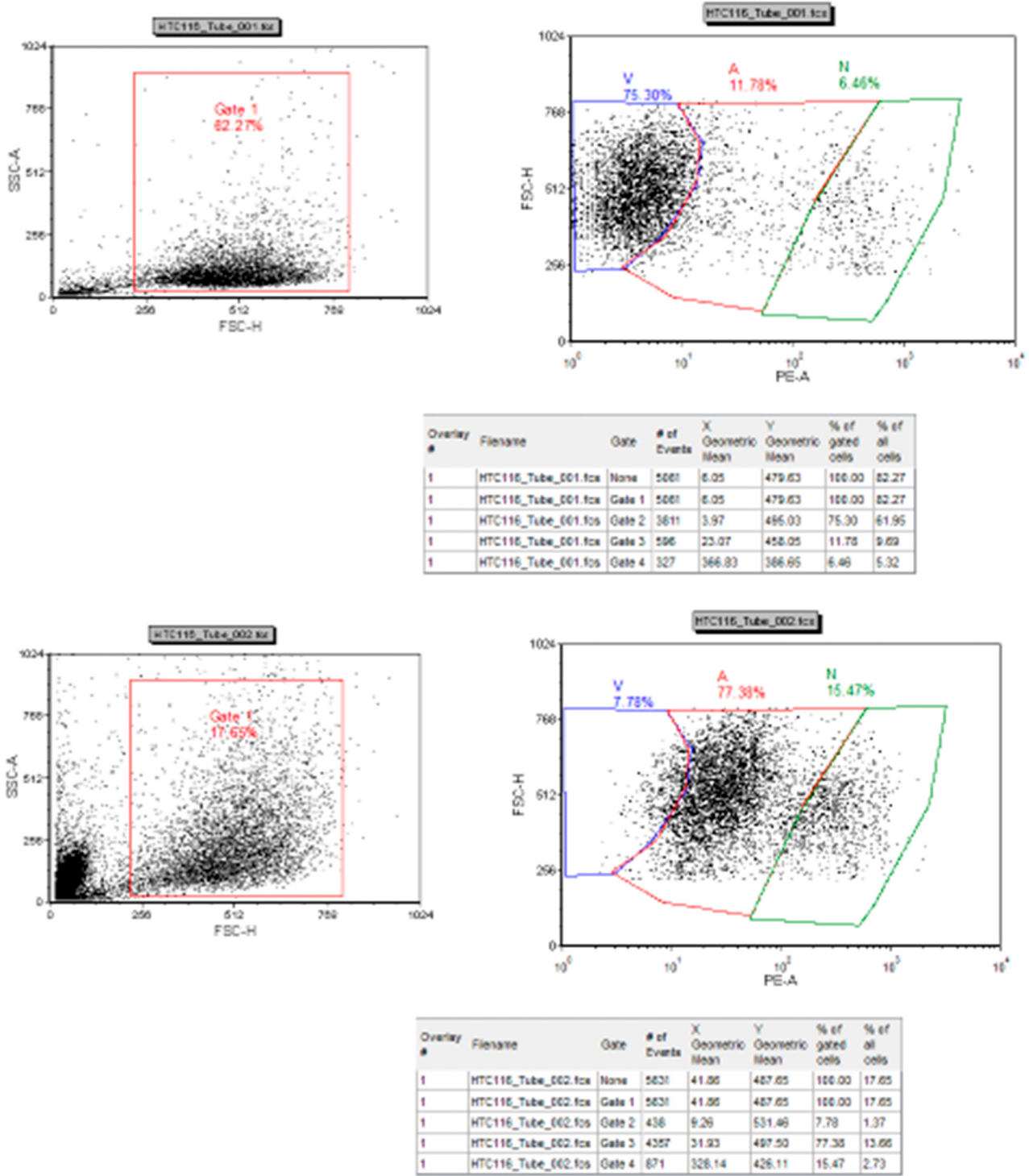


Figure S36. Cont.

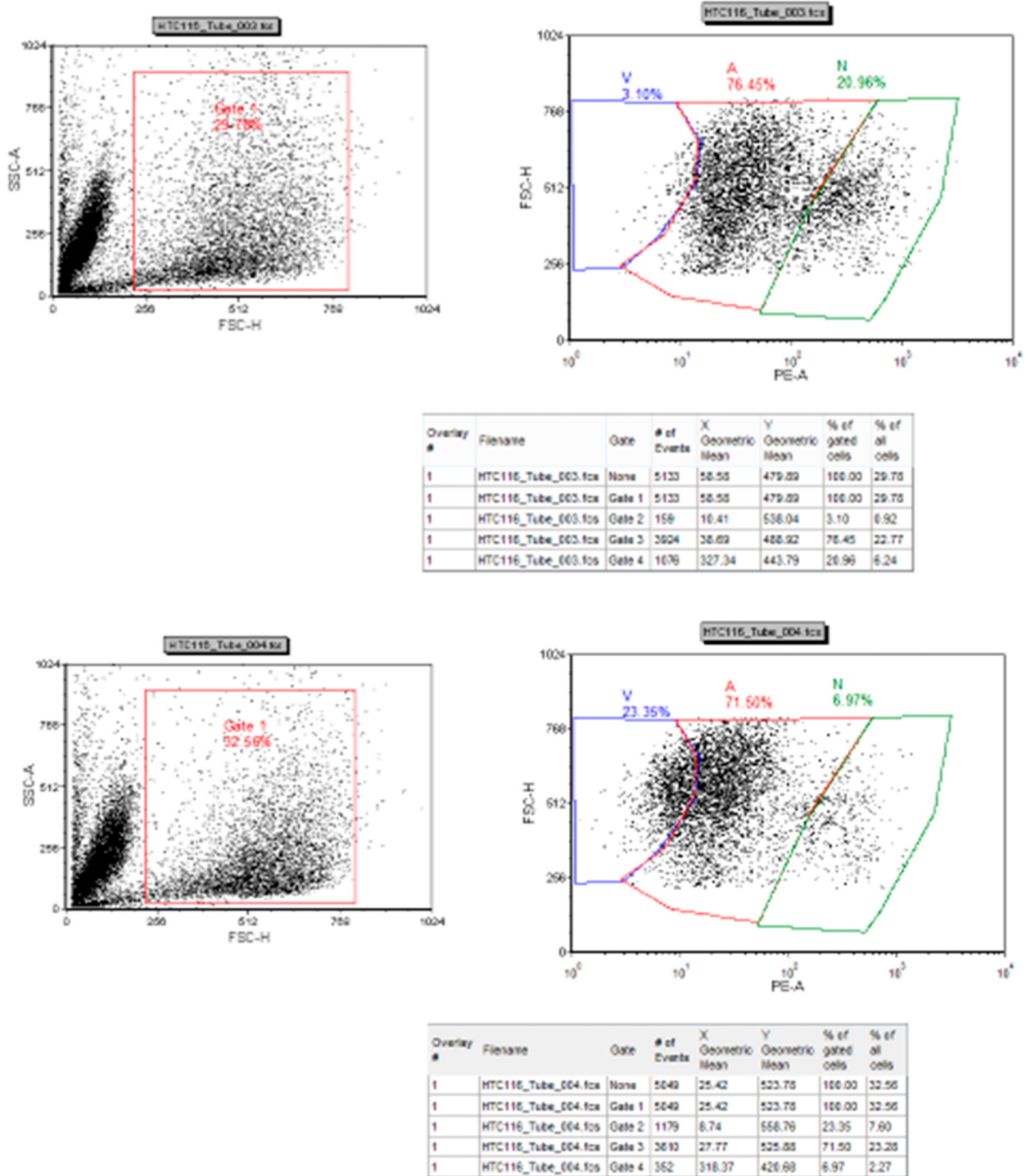


Figure S36. Cont.

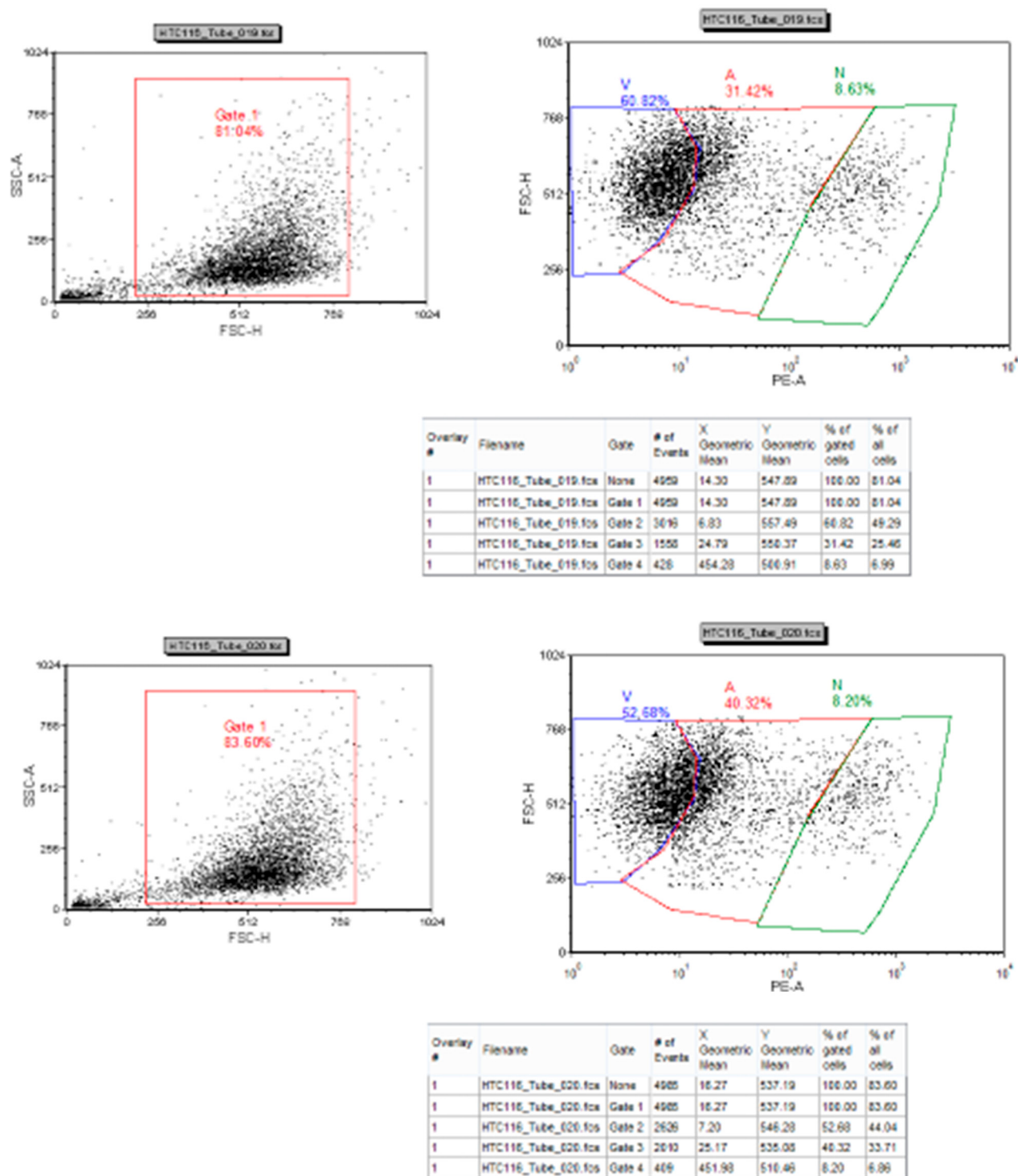


Figure S36. Cont.

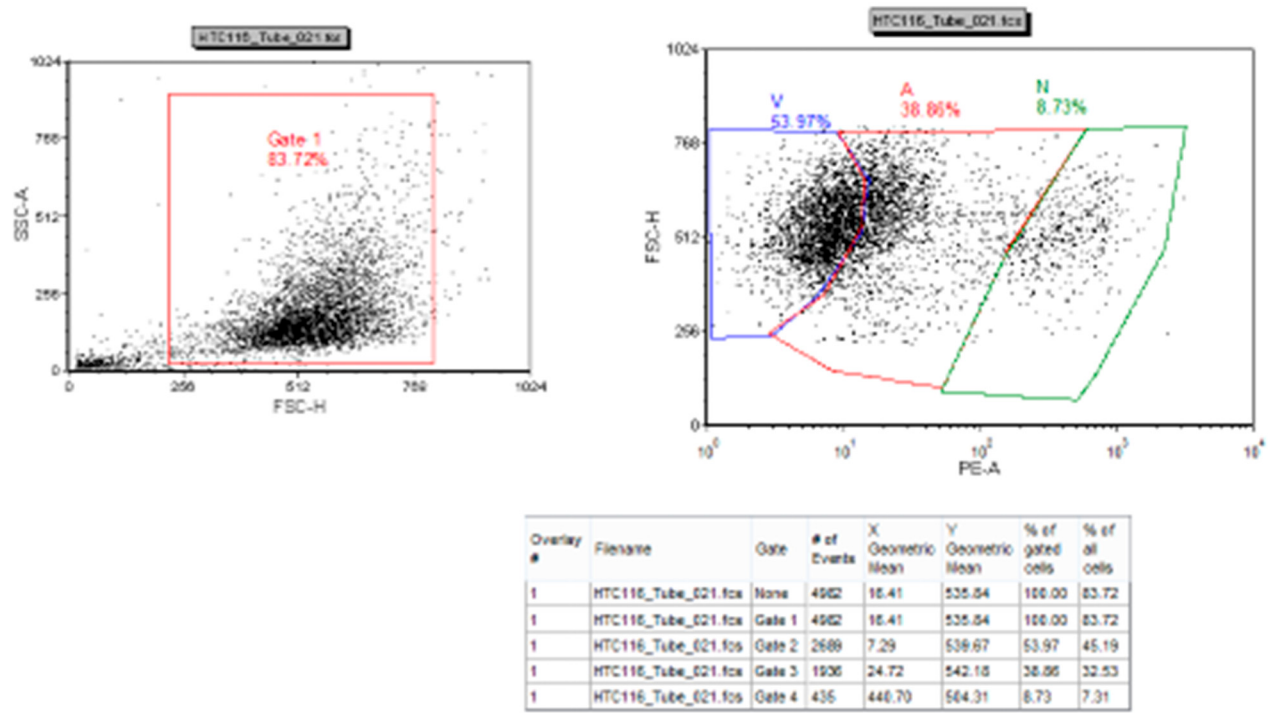


Figure S36. Flow cytometry analysis on HTC116 cells.