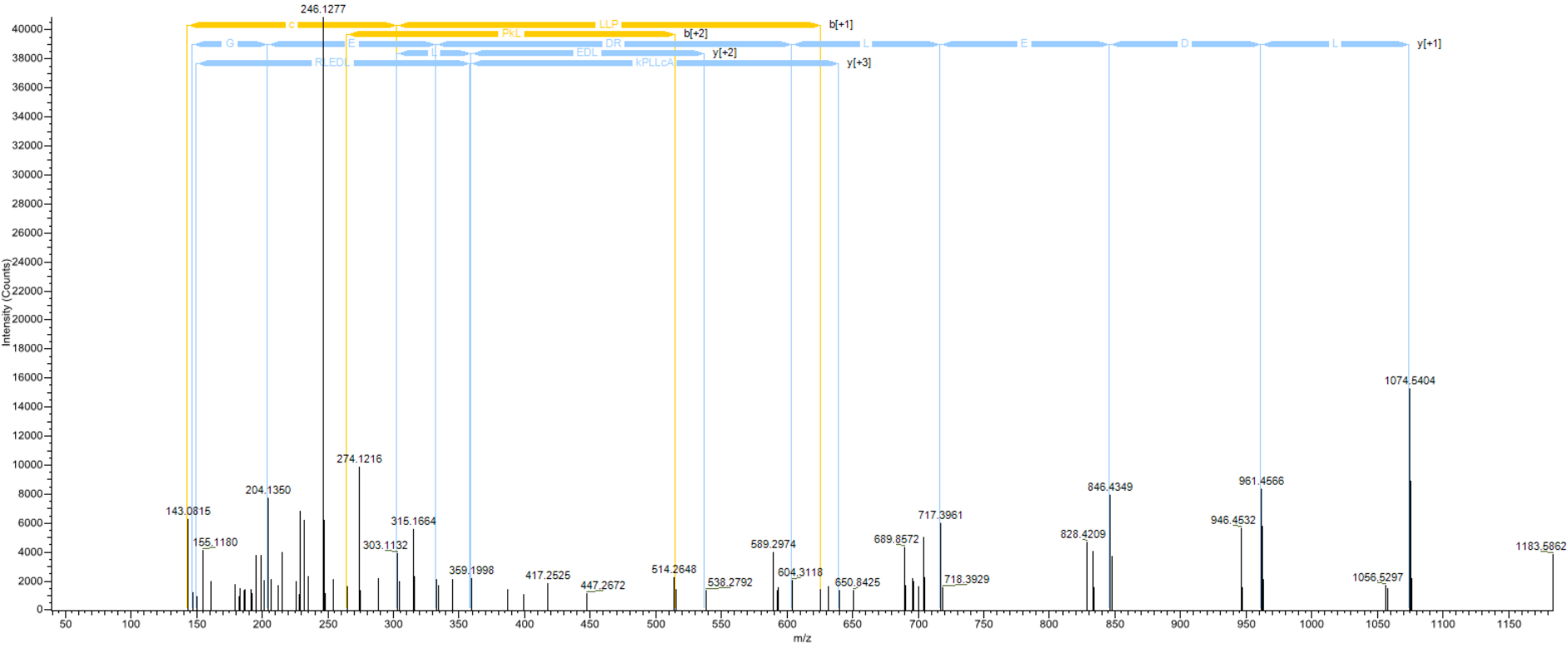


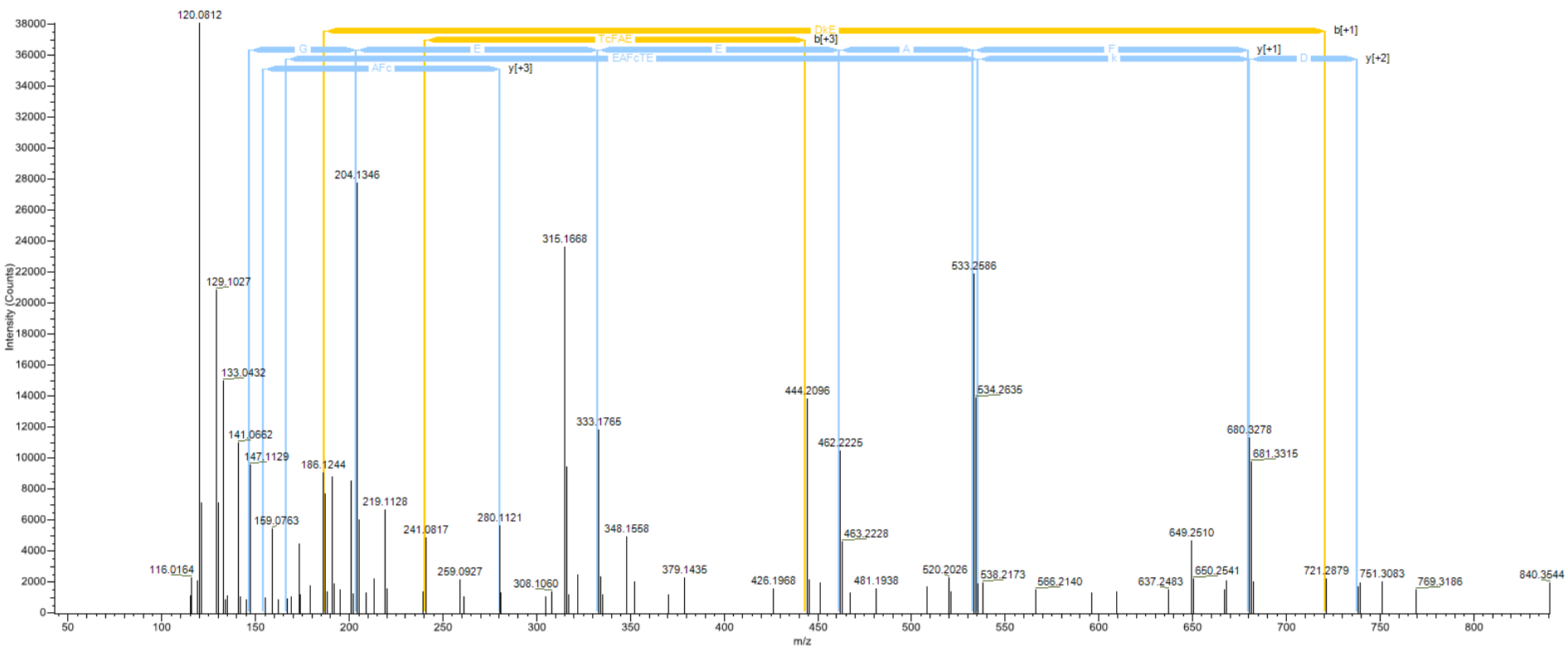
Glycated Peptides

A[A]c]L L]P]k[L]D[E]L[R]D[E]G]K



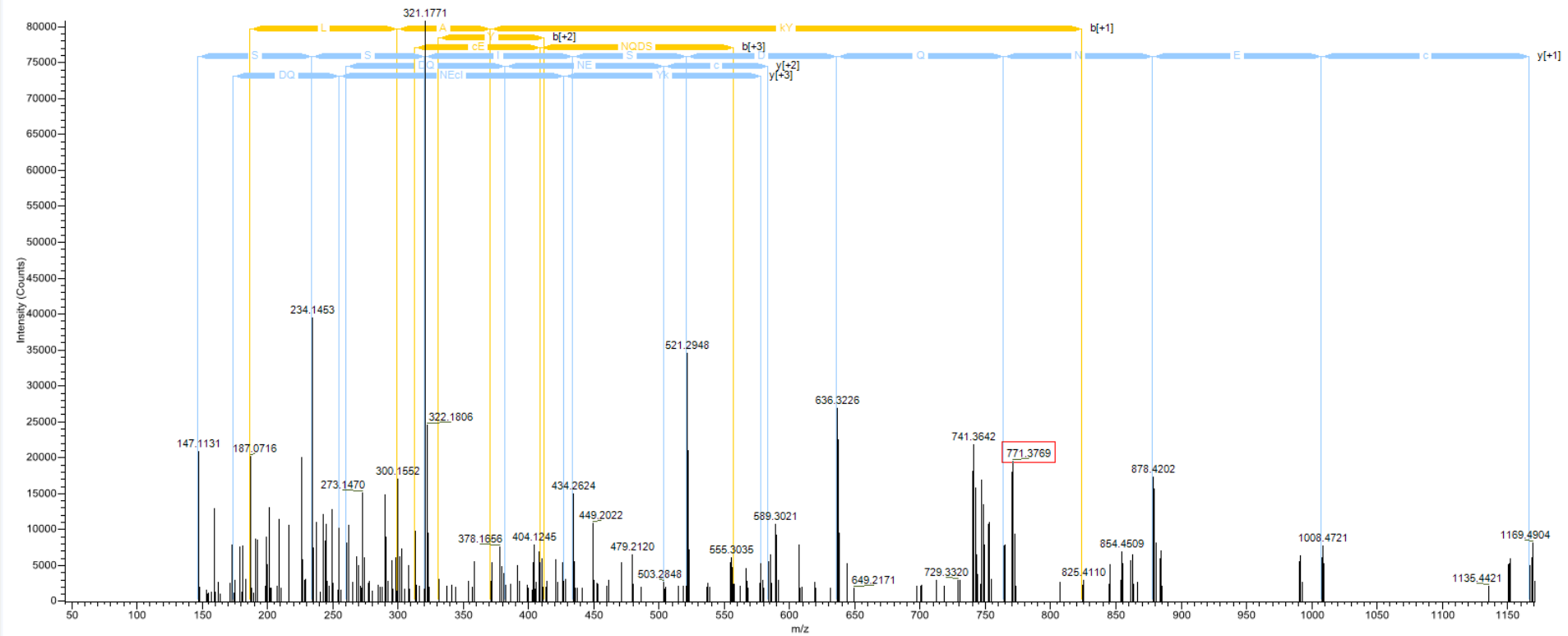
K7 Amadori

A D]D[k]E]T]c]F]A]E]E]G]K



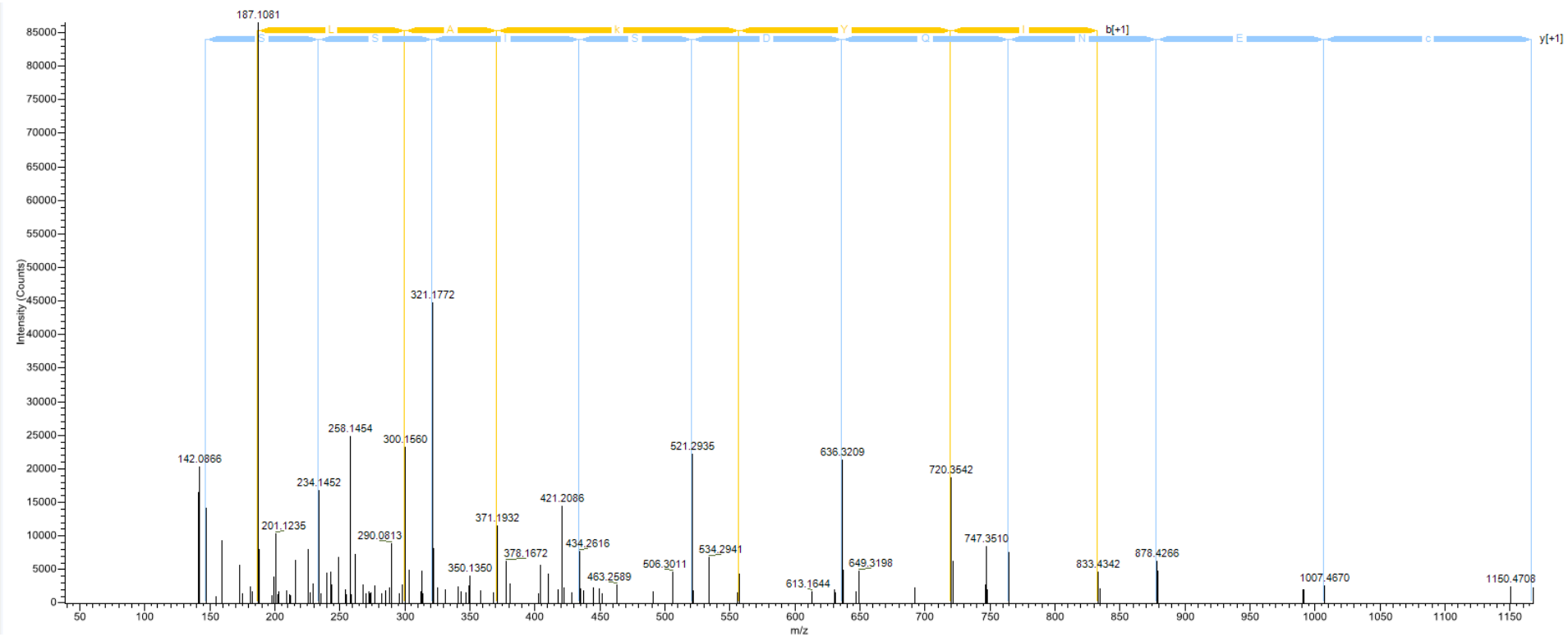
K4 Amadori

A D L A k Y I c E N Q D S I S S K



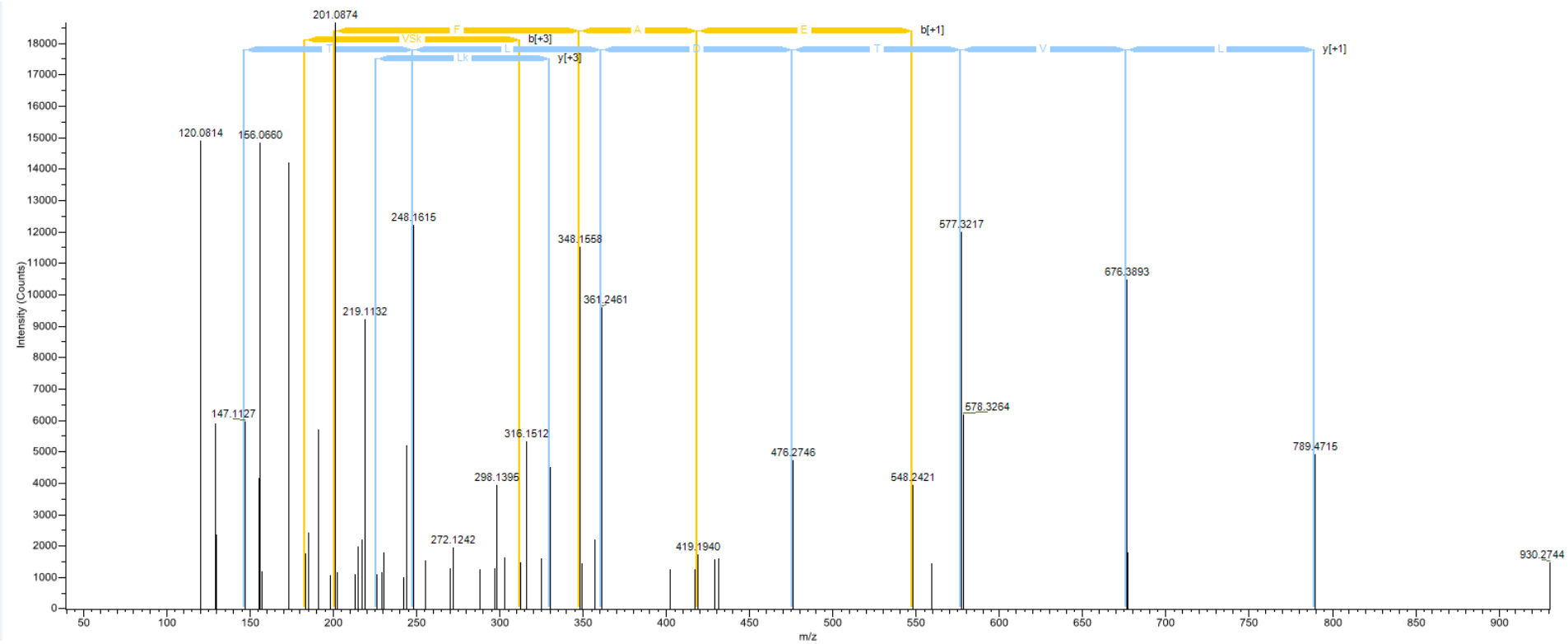
K5 Amadori

A D L A k Y I c E N Q D S I S S K



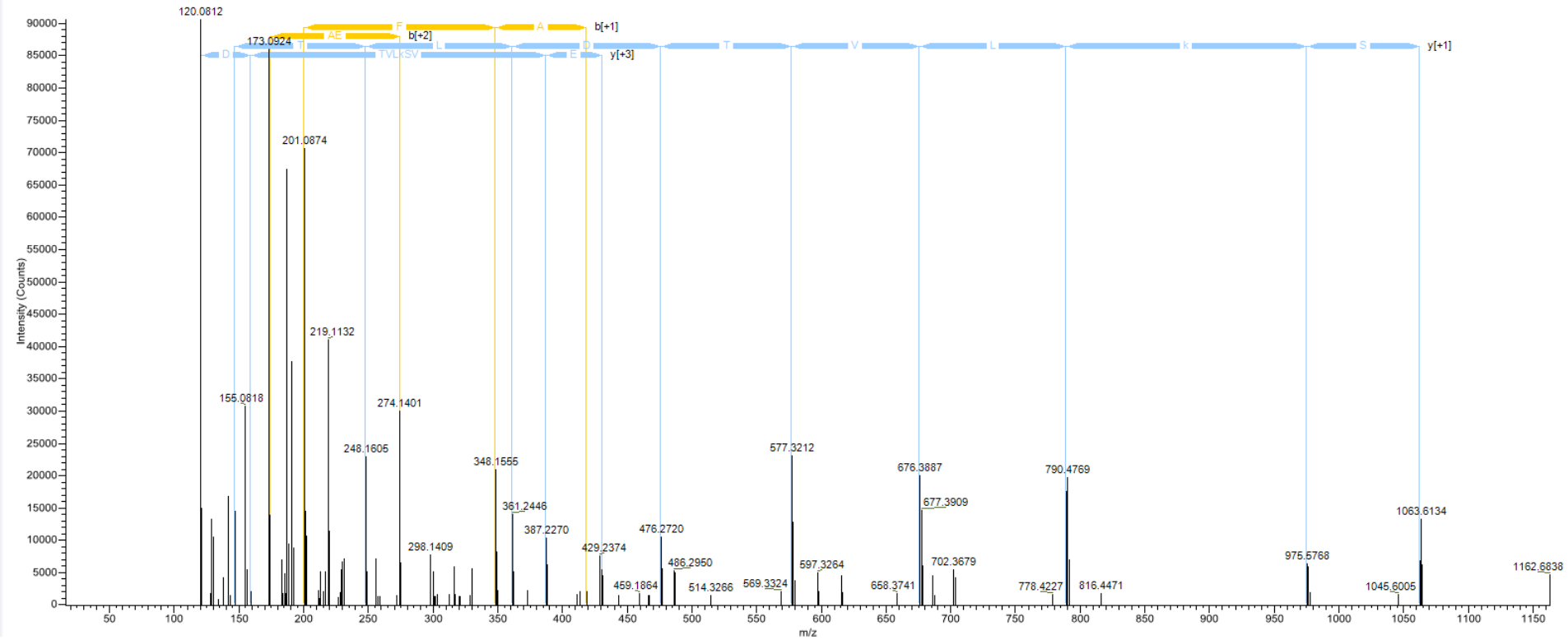
K5 Carboxymethyl

A E]F]A]E]V S[k]L[V]T[D]L[T]K



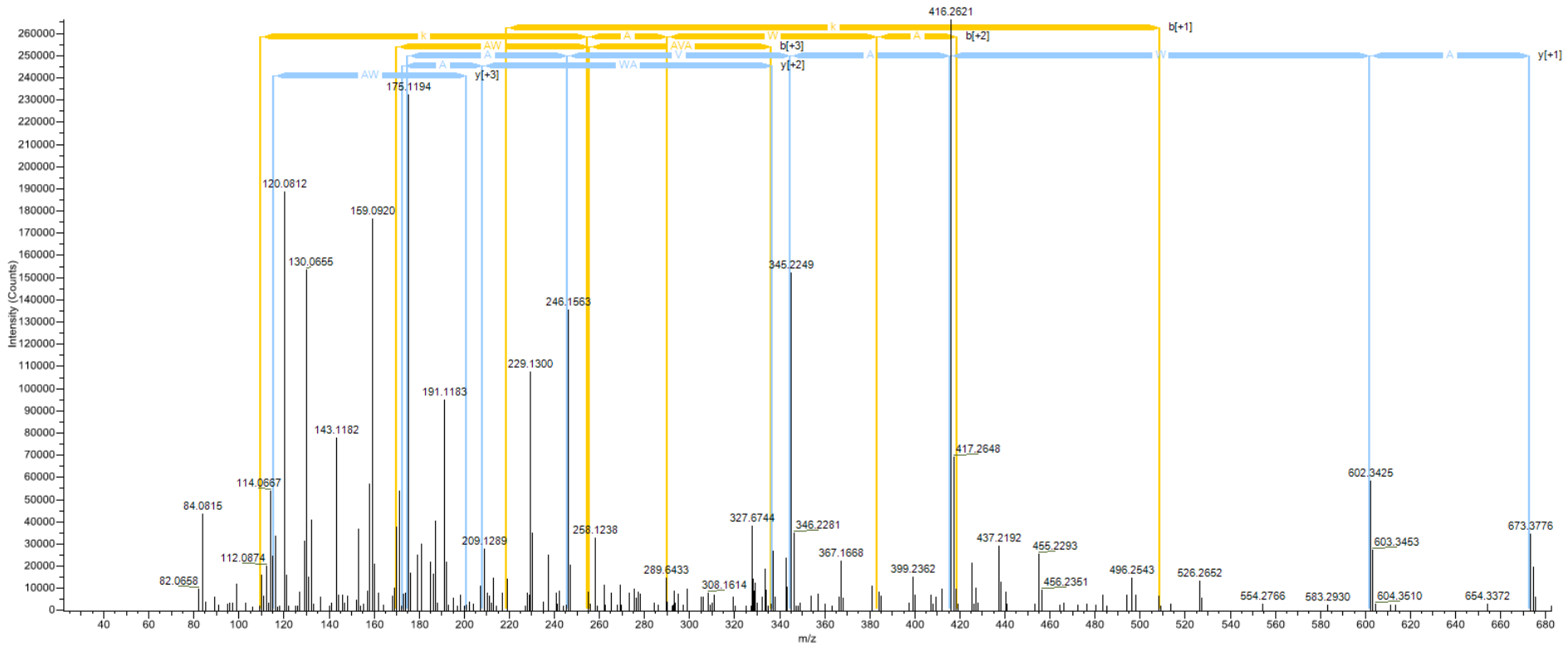
K7 Carboxyethyl

A E F A E V S k L V T D L T K



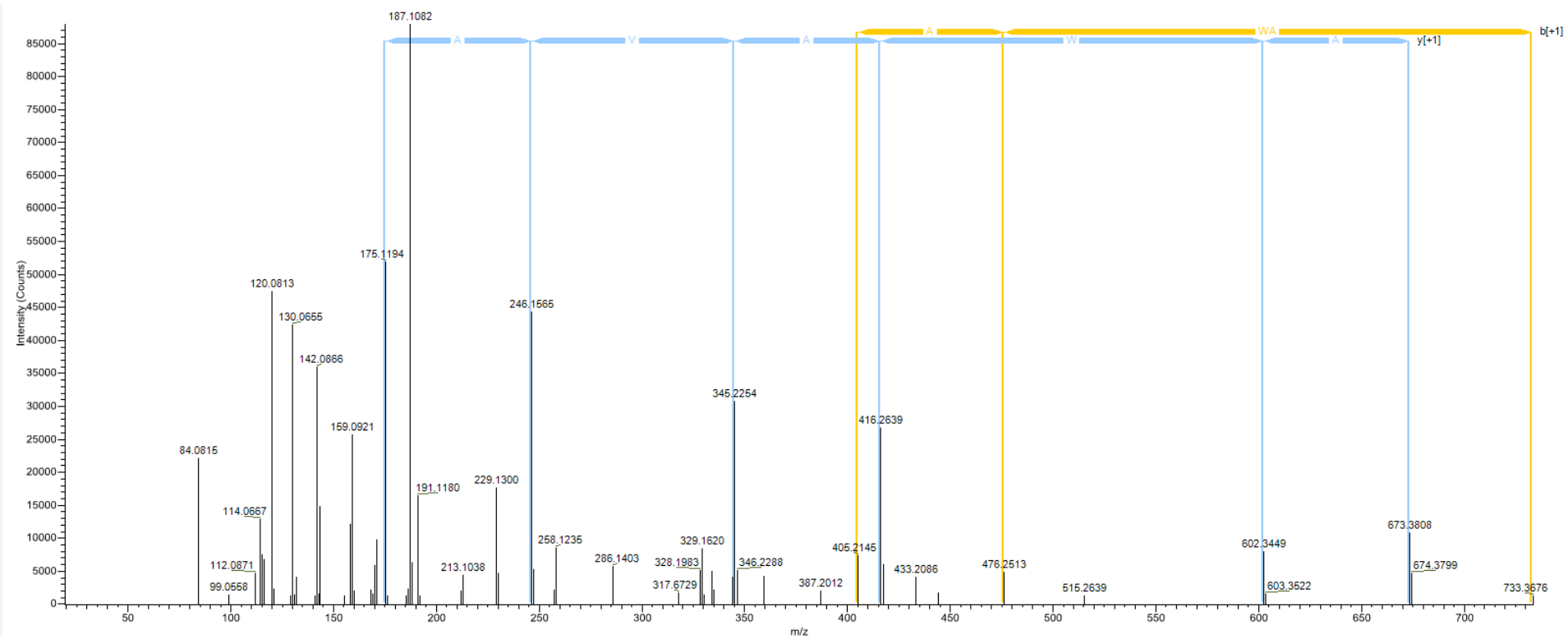
K7 Carboxymethyl

A F k A W A V A R



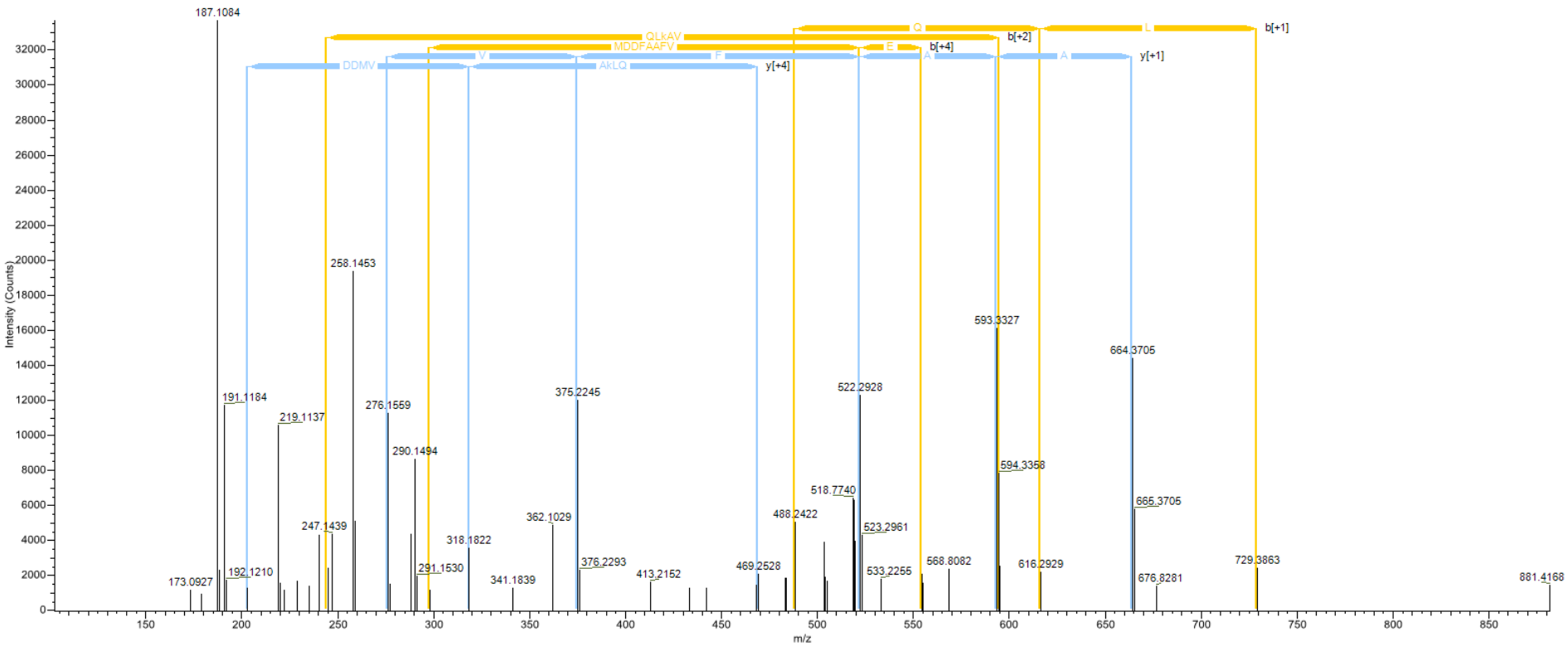
K3 Amadori

A F *k* [A] [W] [A] [V] [A] [R]



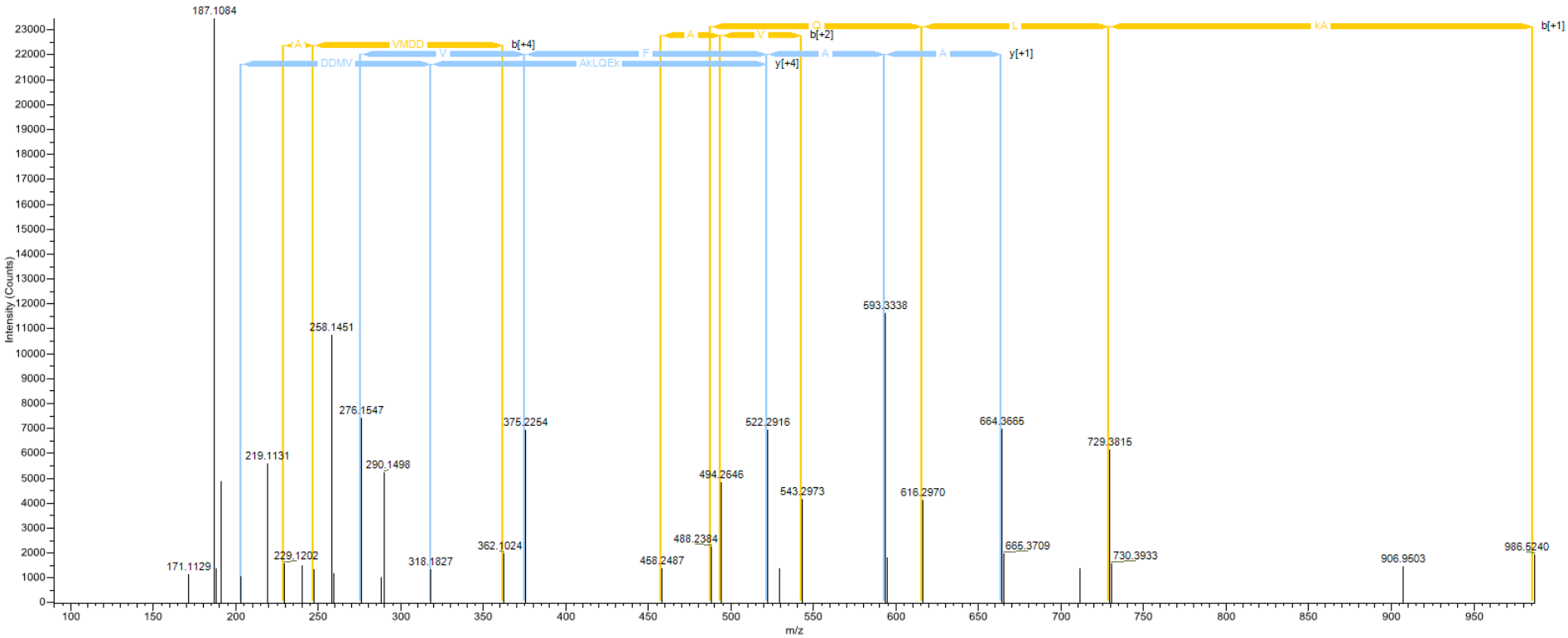
K3 Carboxymethyl

A T k E Q L k A V M D D F A A F V E K



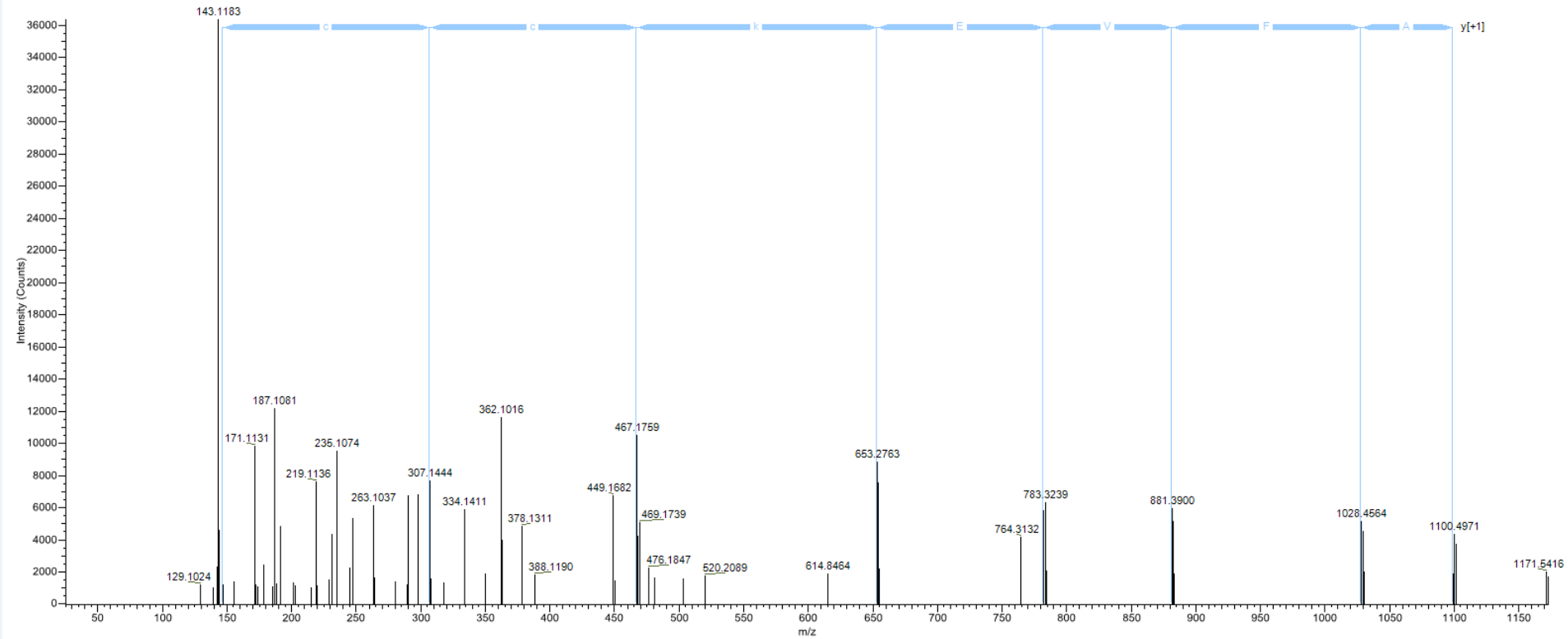
K3 Carboxymethyl, K7 Amadori

A T k E Q L k A V M D D F A A F V E K



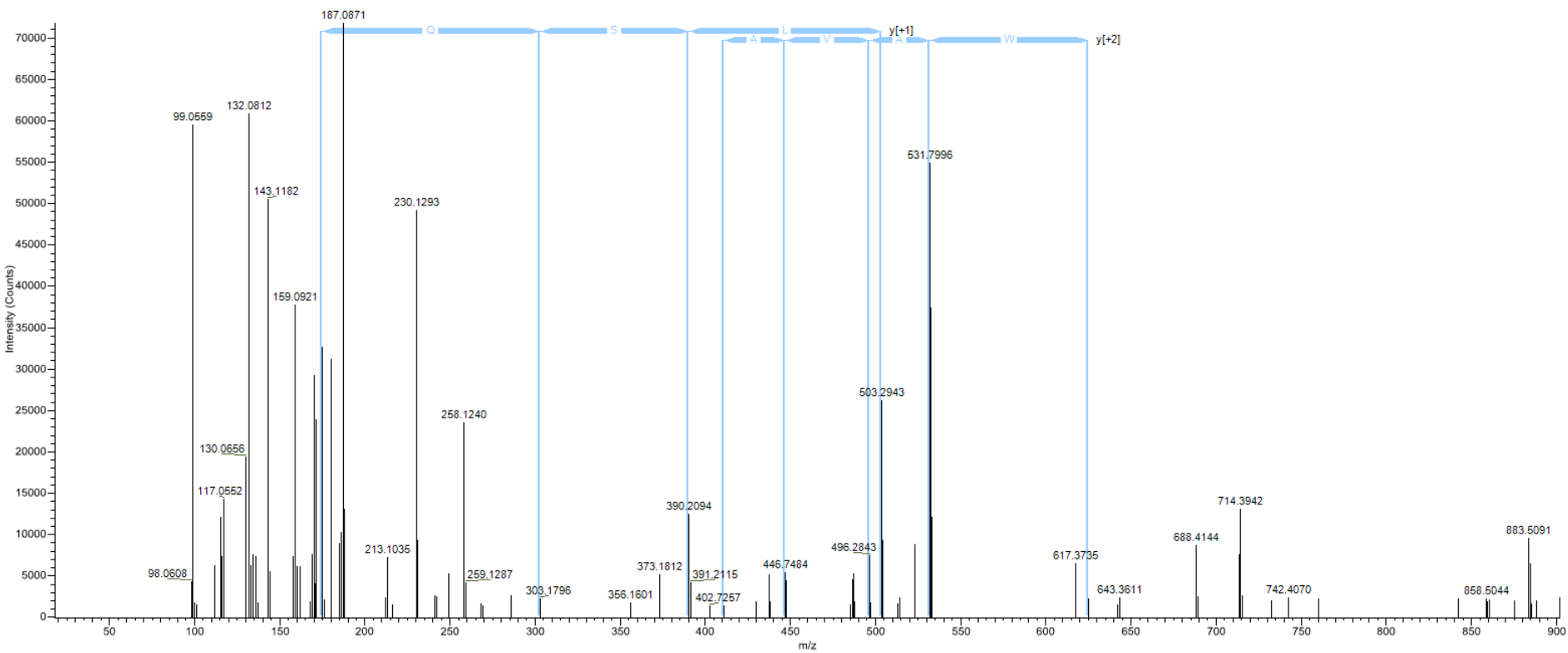
K3 Carboxymethyl, K7 Carboxymethyl

A V] M D D] F A [A [F [V [E [k [c [c [K



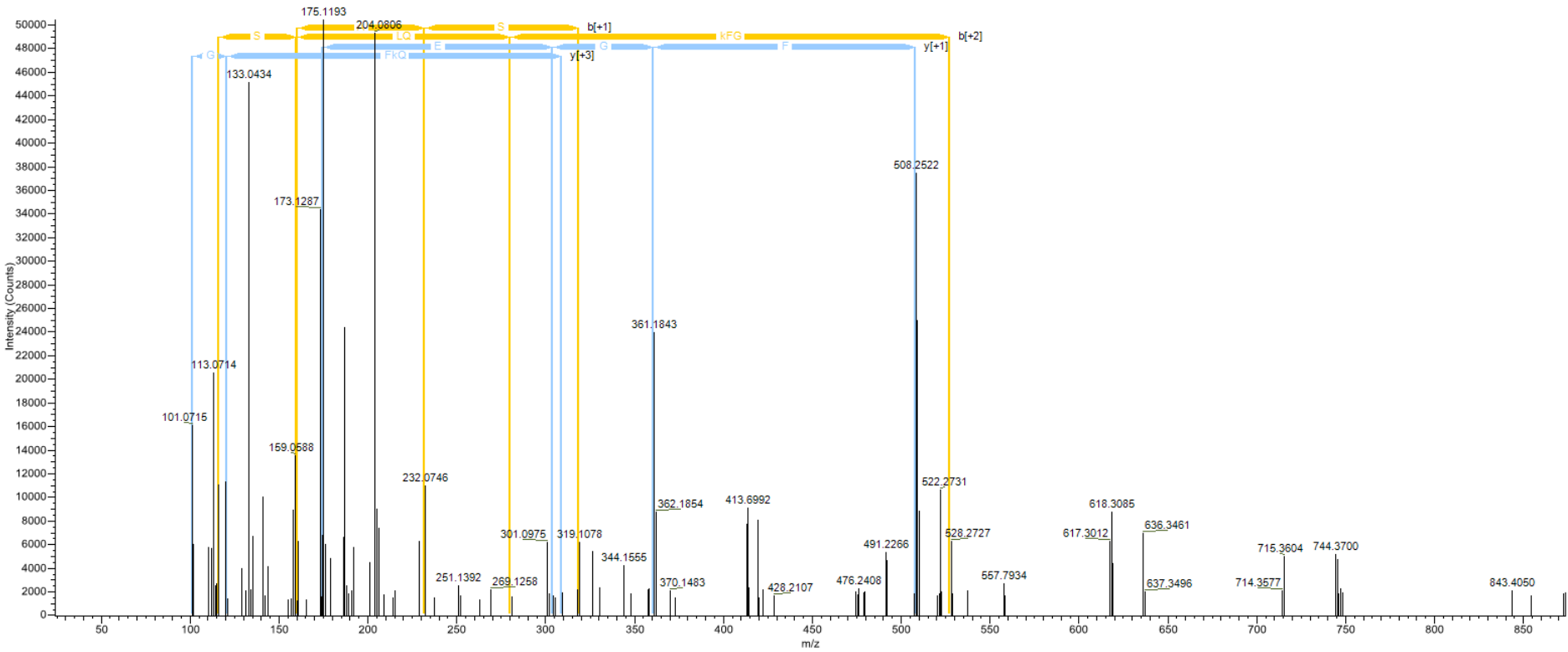
K12 Carboxymethyl

A[W]A[V]A[r]L[S]Q[R]



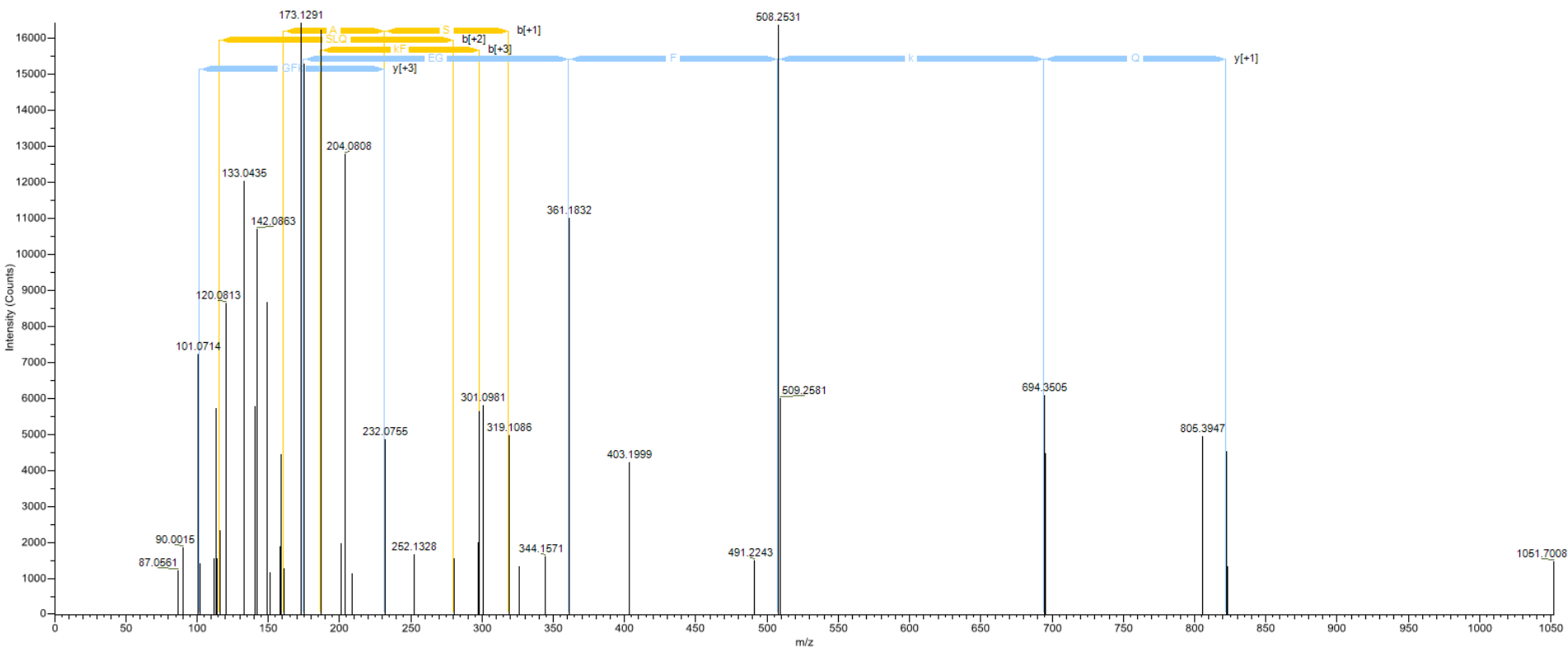
R6 Amadori

c]A]S]L]Q]k]F]G]E]R



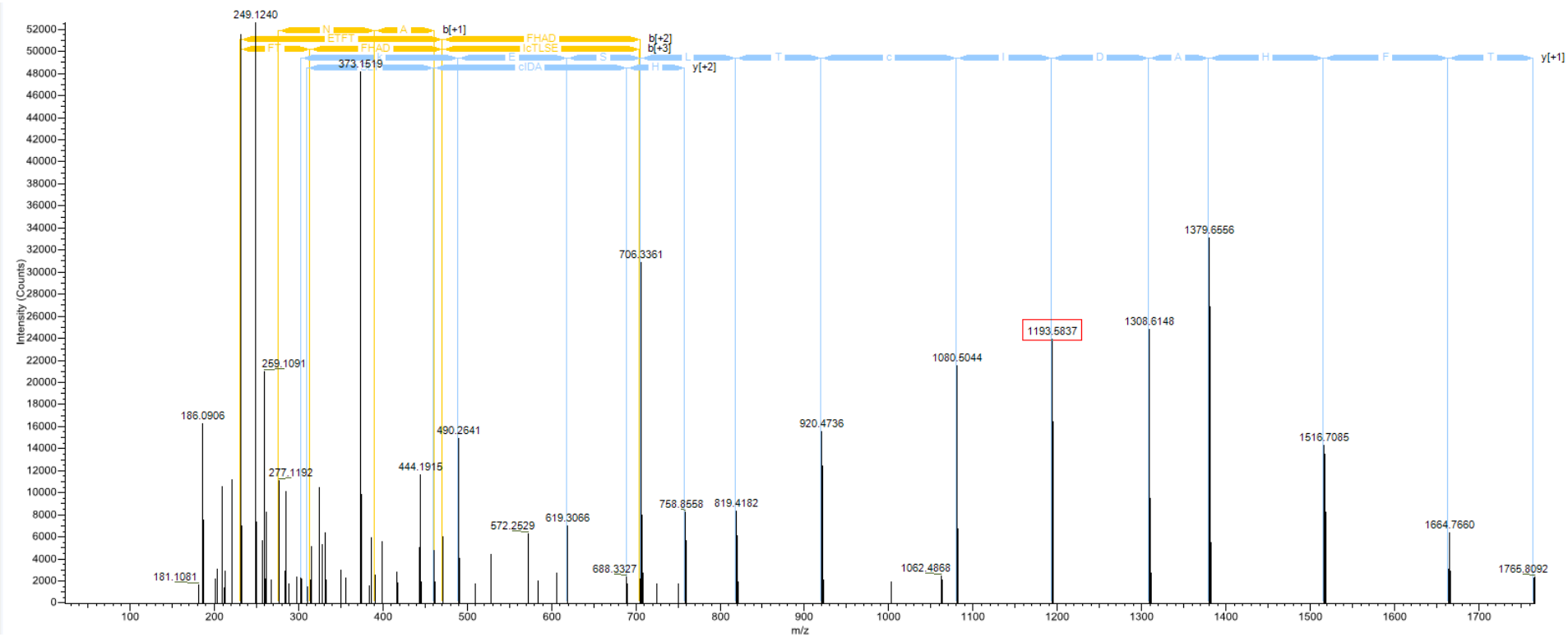
K6 Amadori

c]A]S]L[Q]k[F]G[E]R



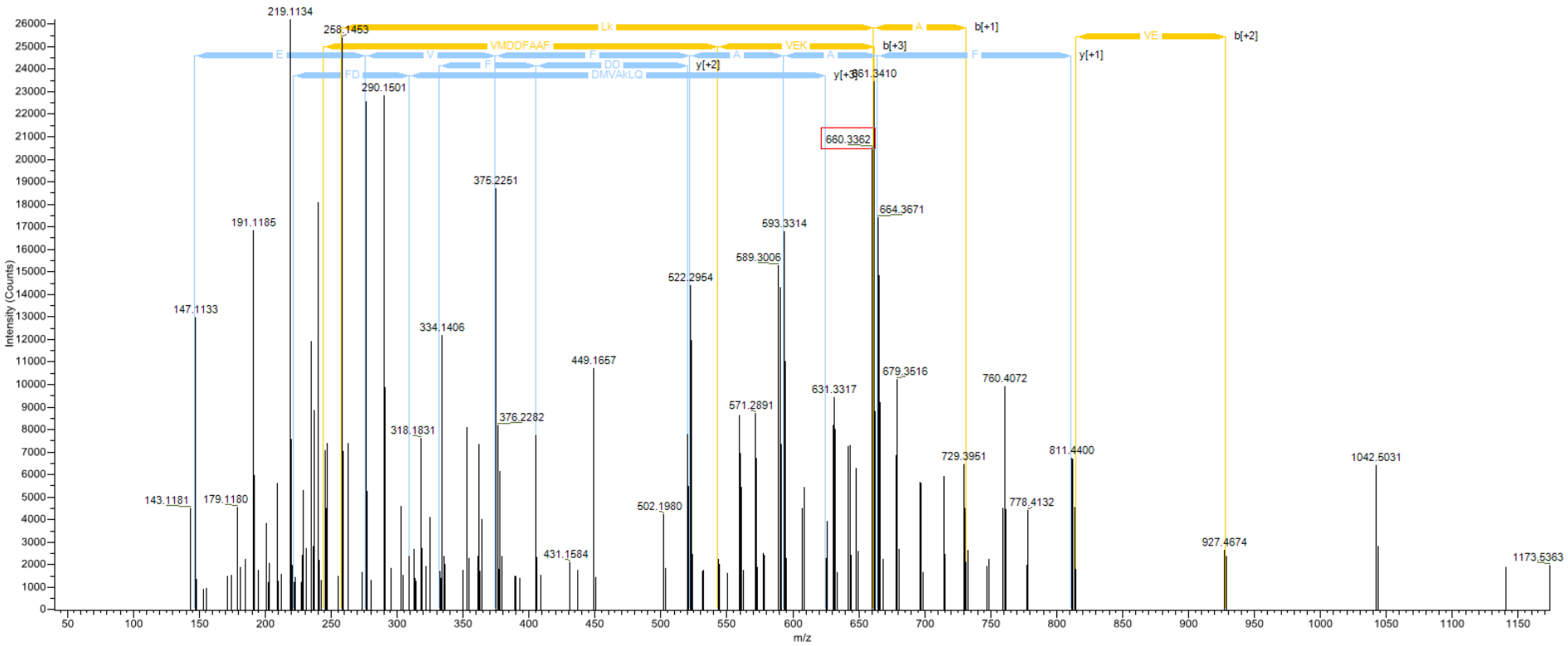
K6 Carboxymethyl

E F N A E T F T F H A D I c T L S E k E R



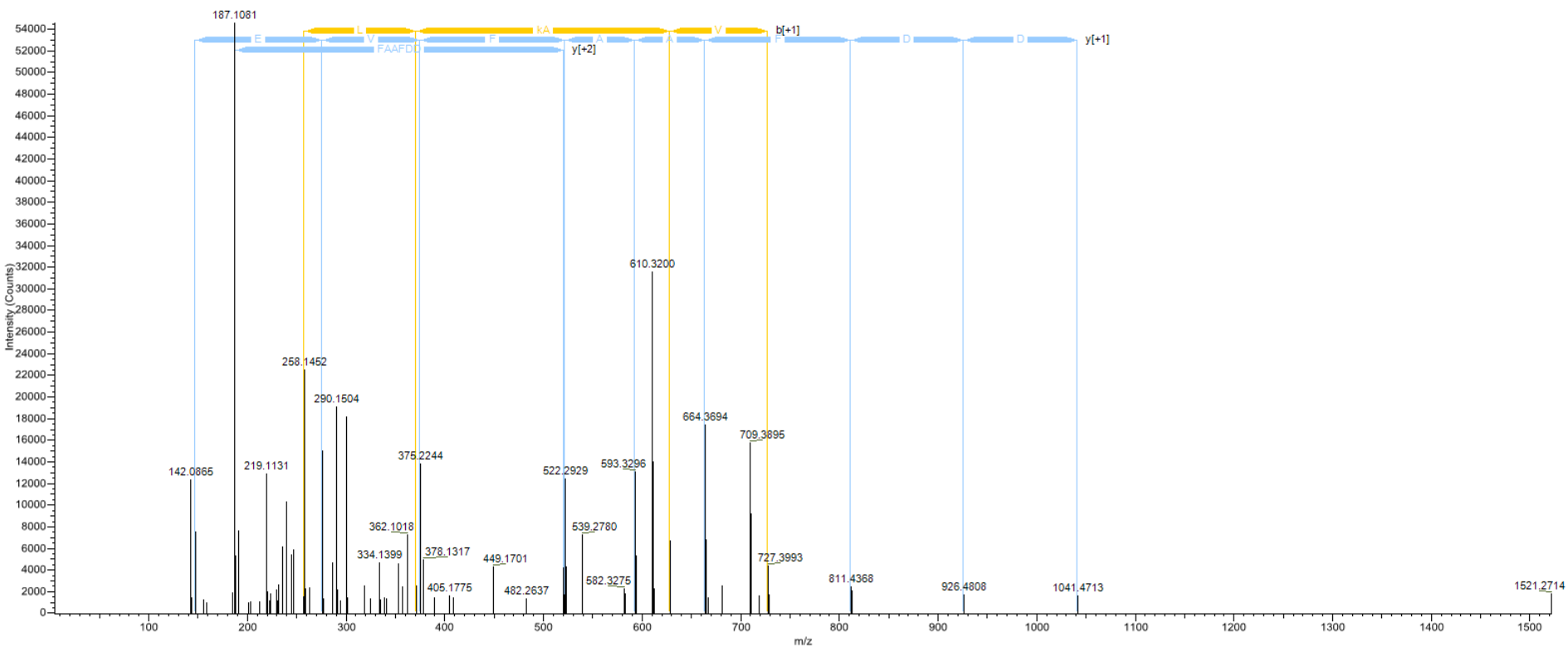
K19 Carboxymethyl

E[Q]L k]A]V M[D[D[F[A[A[F]V[E]K]



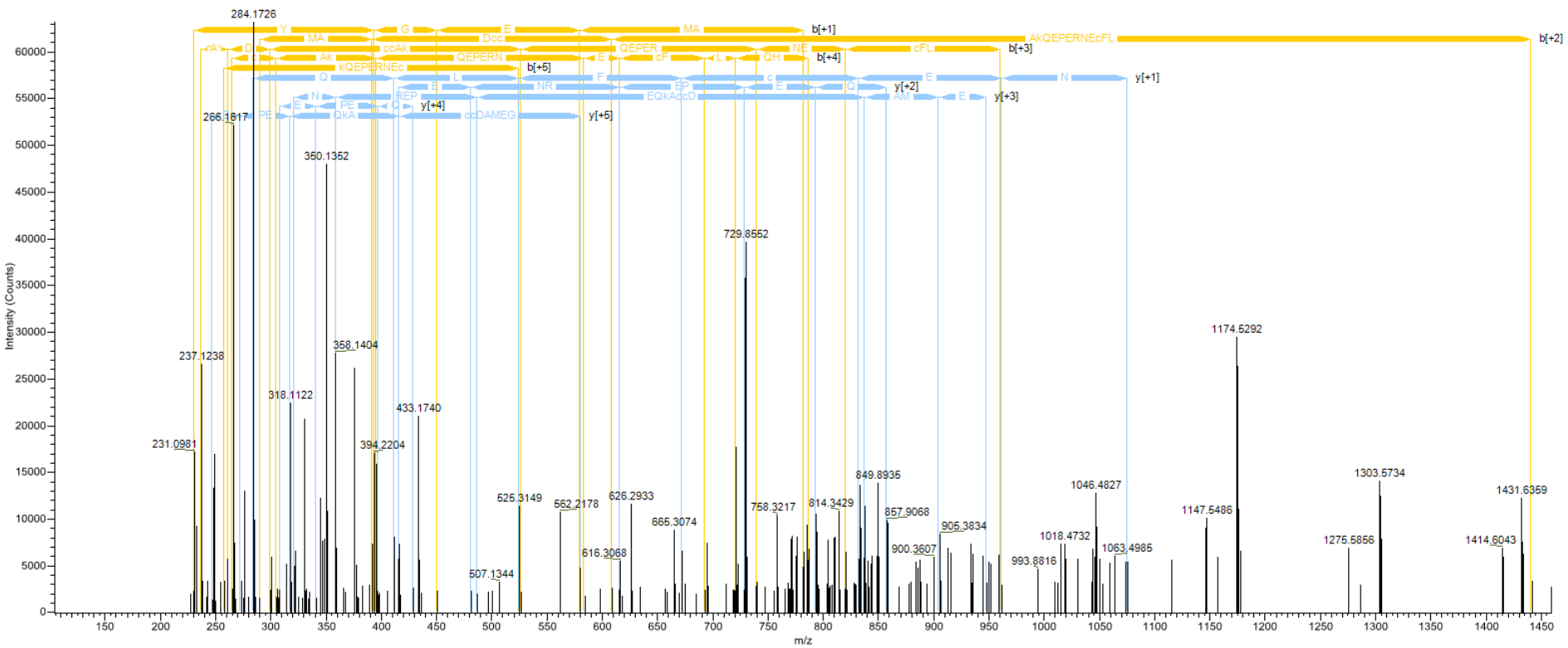
K4 Amadori

E Q L k A V M D D F A A F V E K



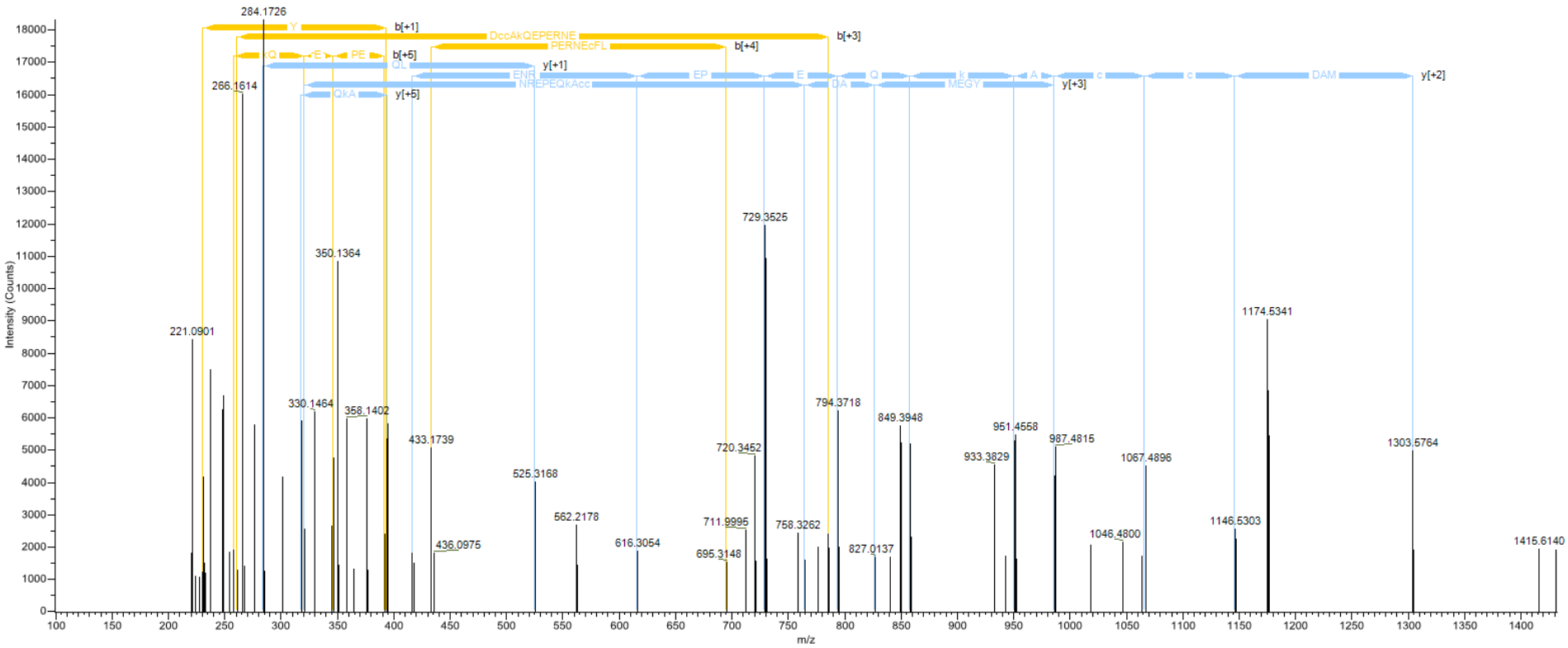
K4 Carboxymethyl

E T Y G E M A D c c A k Q E P E R N E c F L Q H K



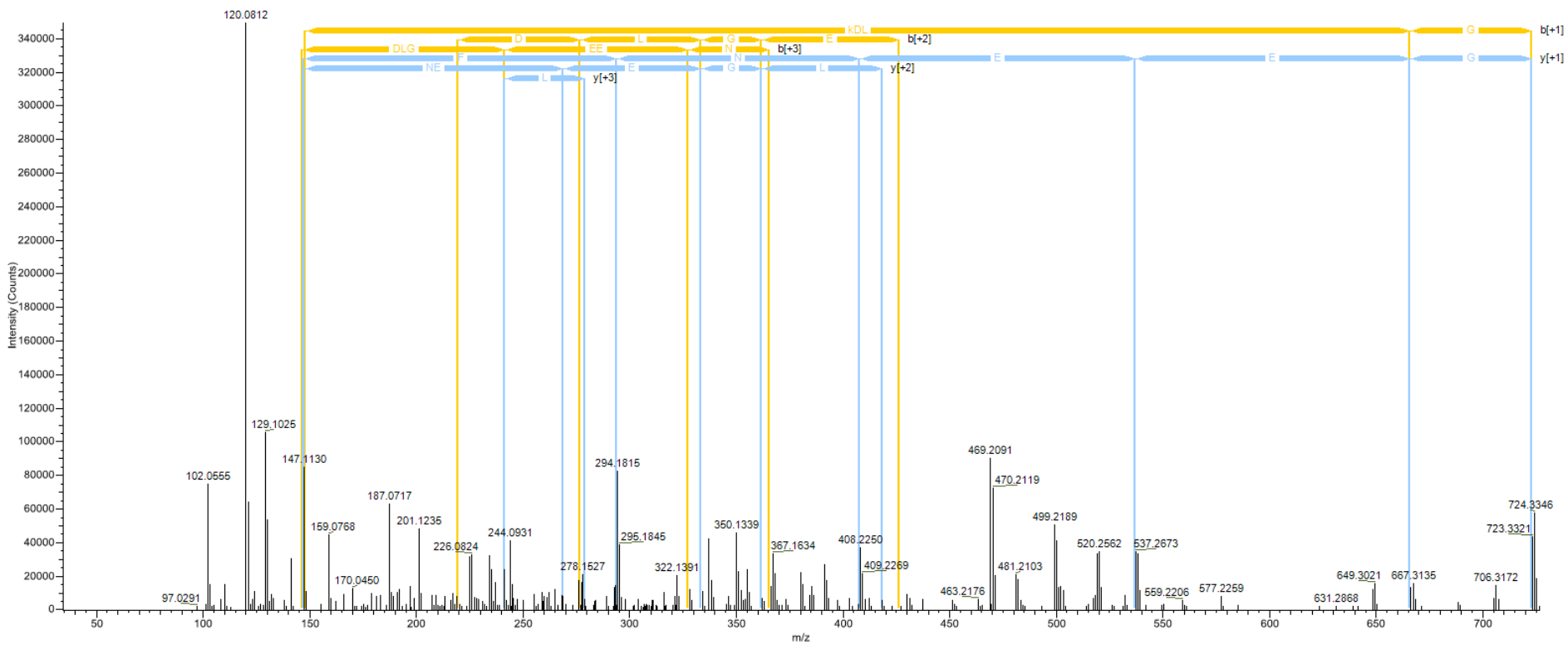
K12 Amadori

E T Y G E M A D c c A k Q E P E R N E c F L Q H K



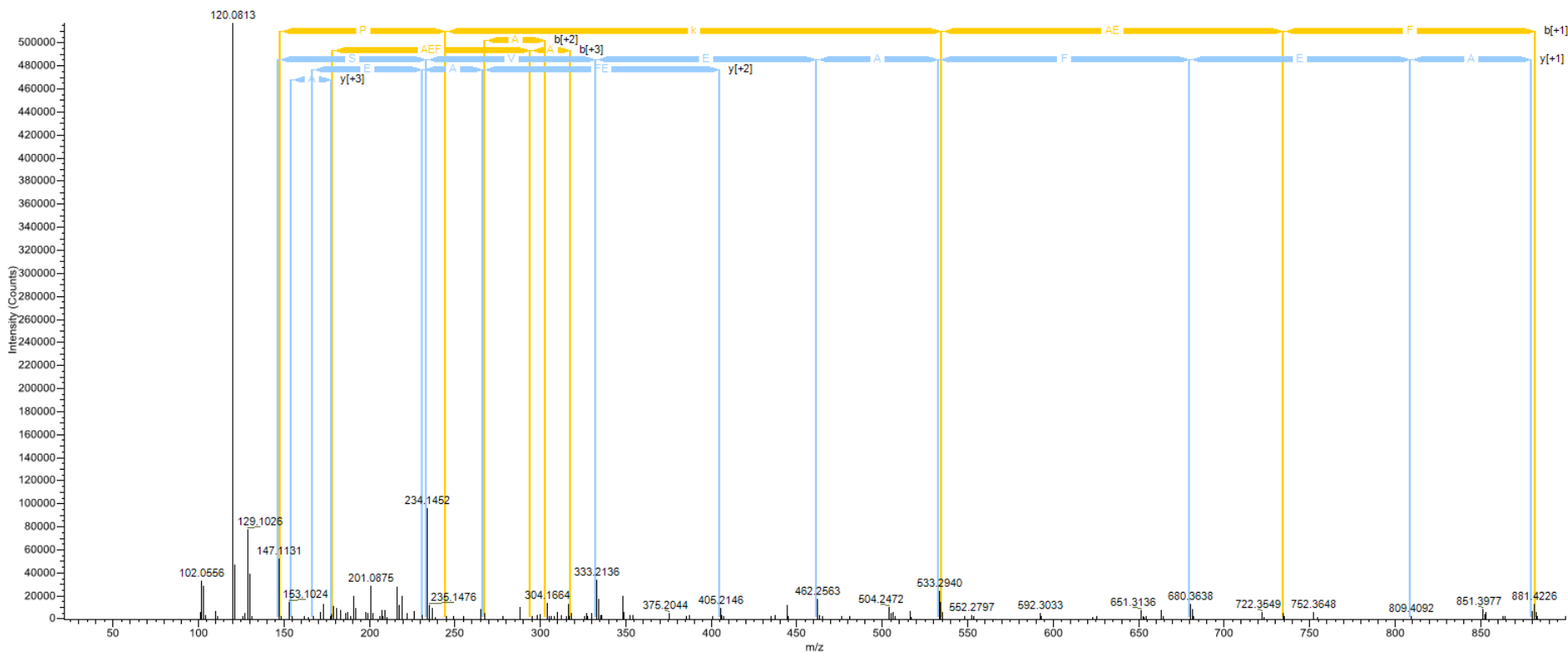
K12 Carboxymethyl

F]k]D]L]G]E]E]N]F]K



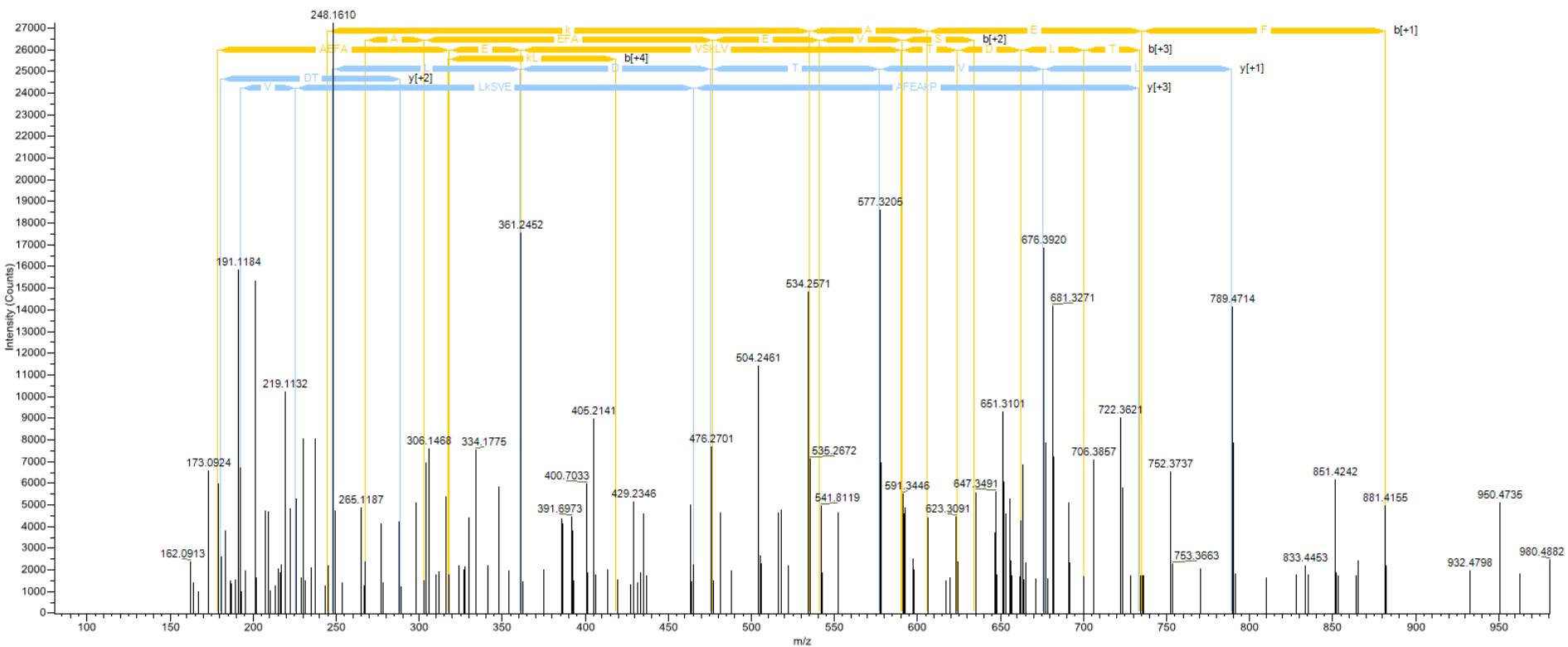
K2 Amadori

F]P]k]A]E]F]A]E]V]S]K



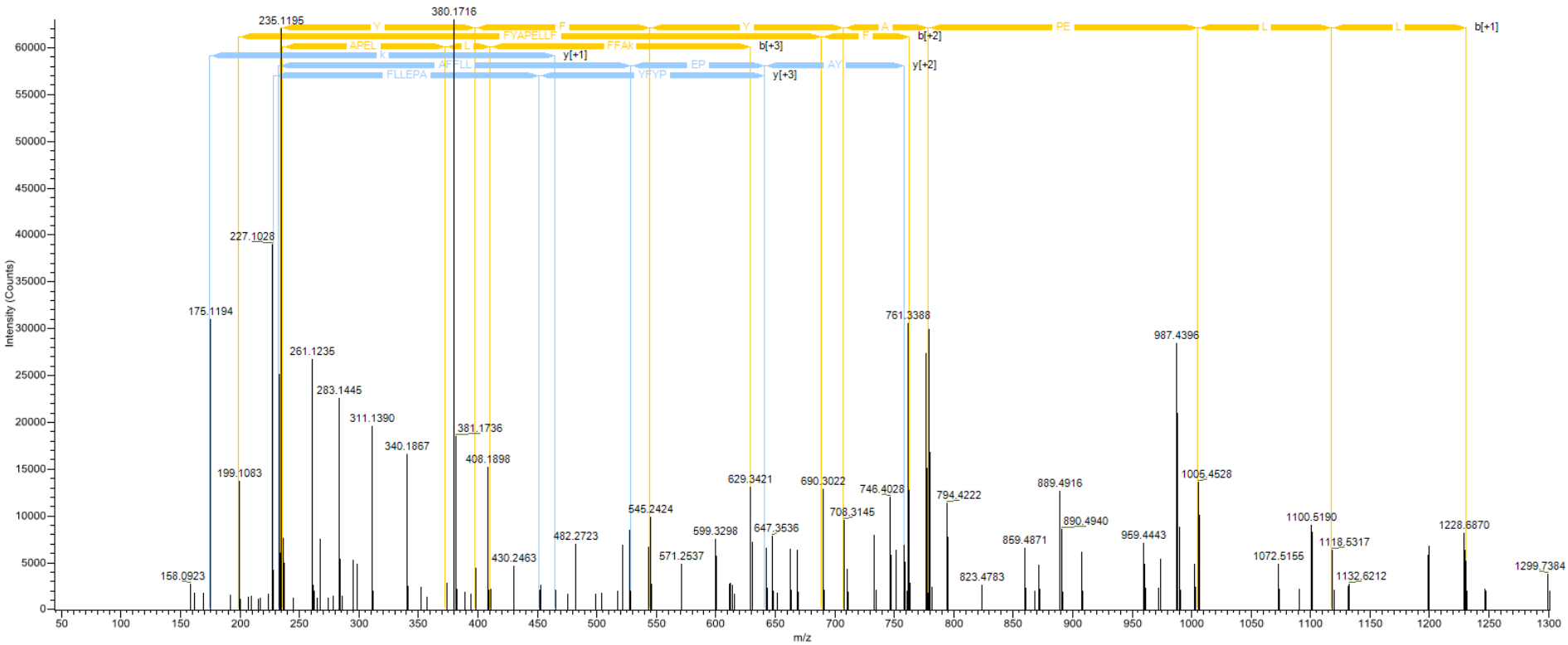
K3 Amadori

F [P] k [A] E [F] A [E] V [S] k [L] V [T] D [L] T [K]



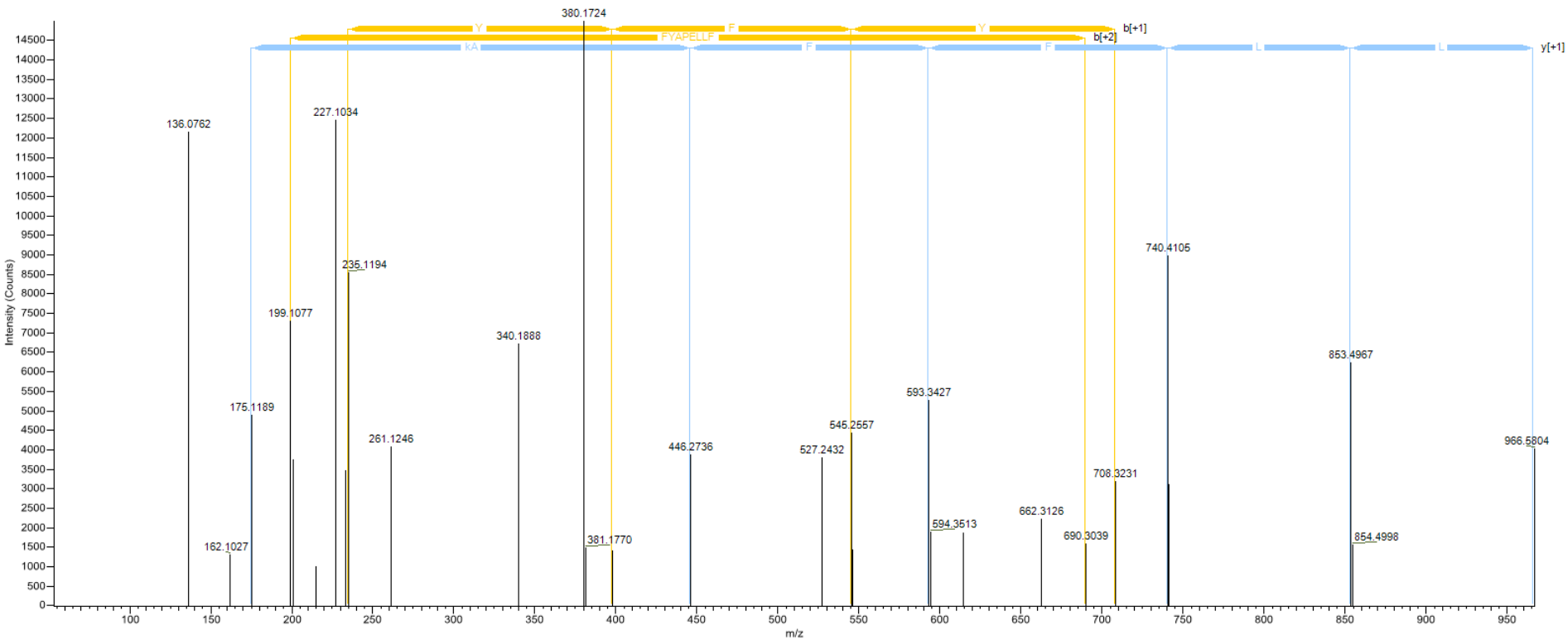
K3 Amadori, K11 Amadori

H[P]Y]F]Y]A]P E]L]L]F]F]A[k]R



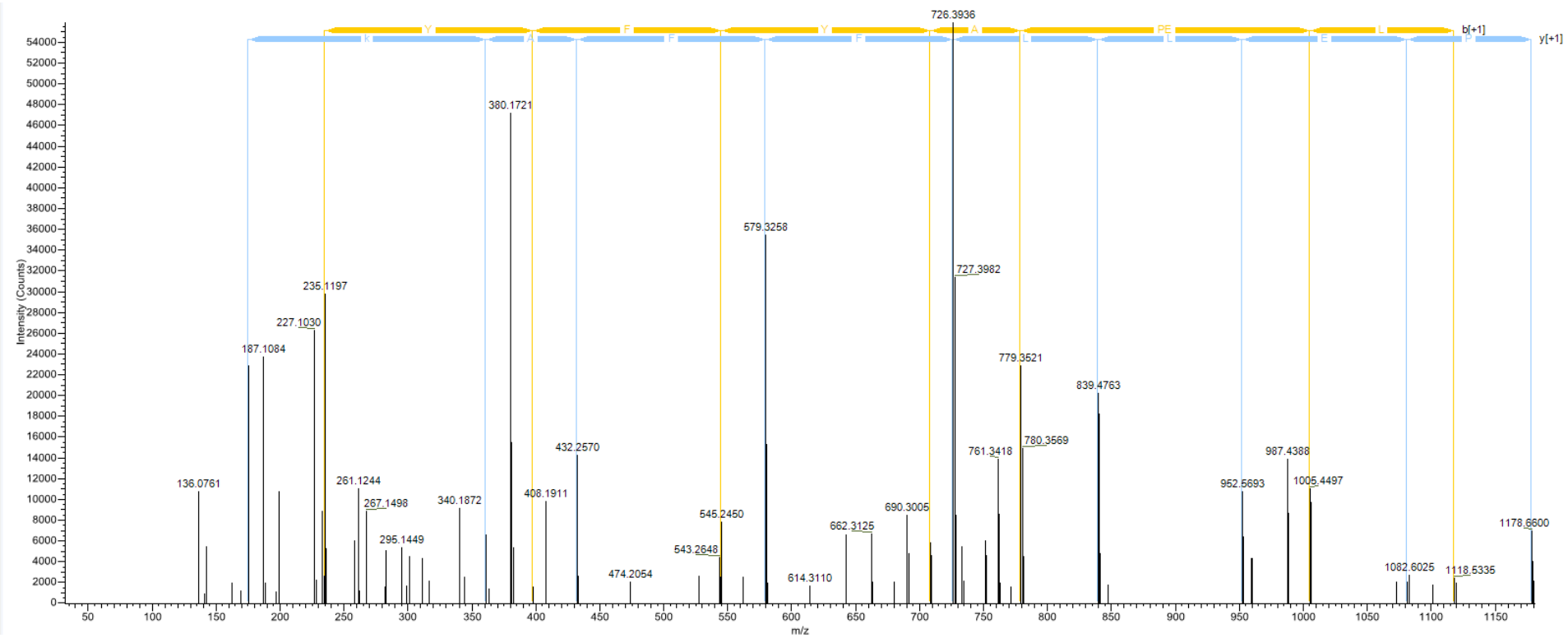
K14 Amadori

H P Y F Y A P E L L F F A k R



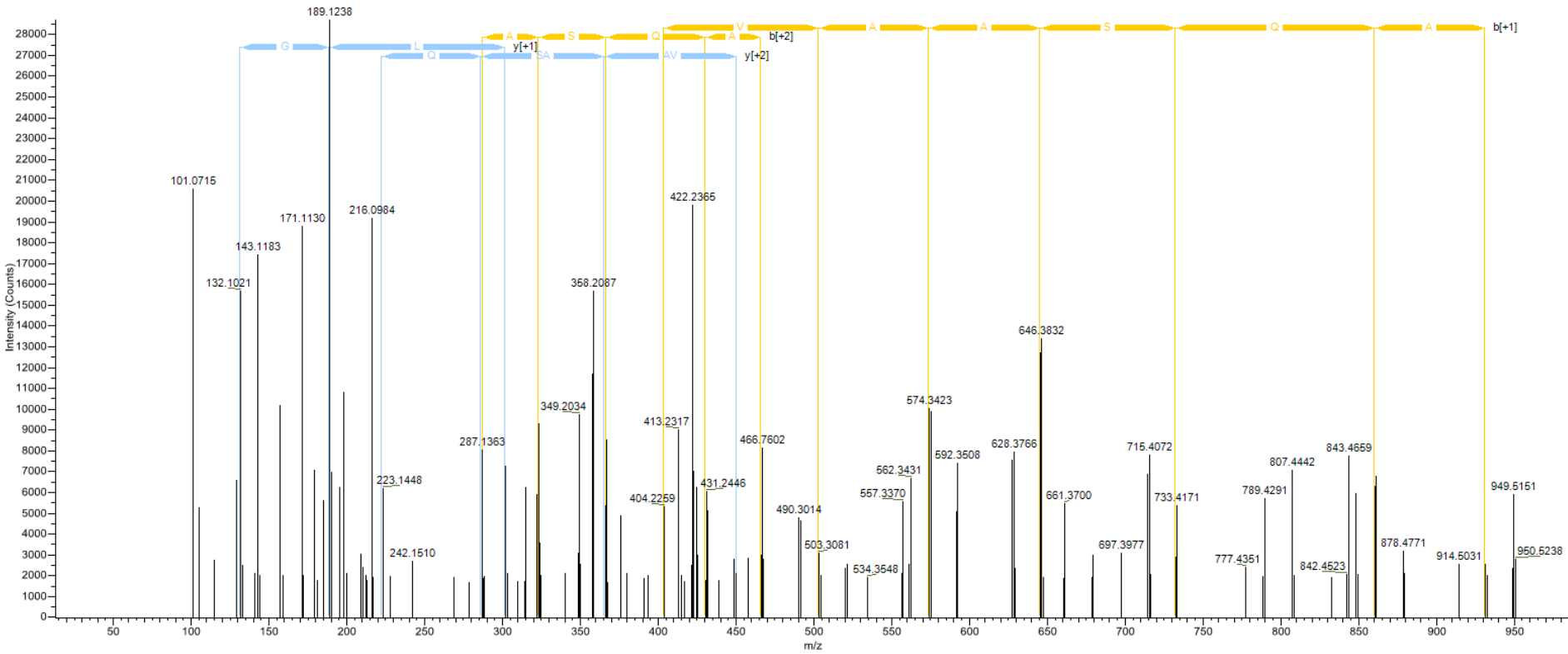
K14 Carboxyethyl

H P Y F Y A P E L L F F A k R



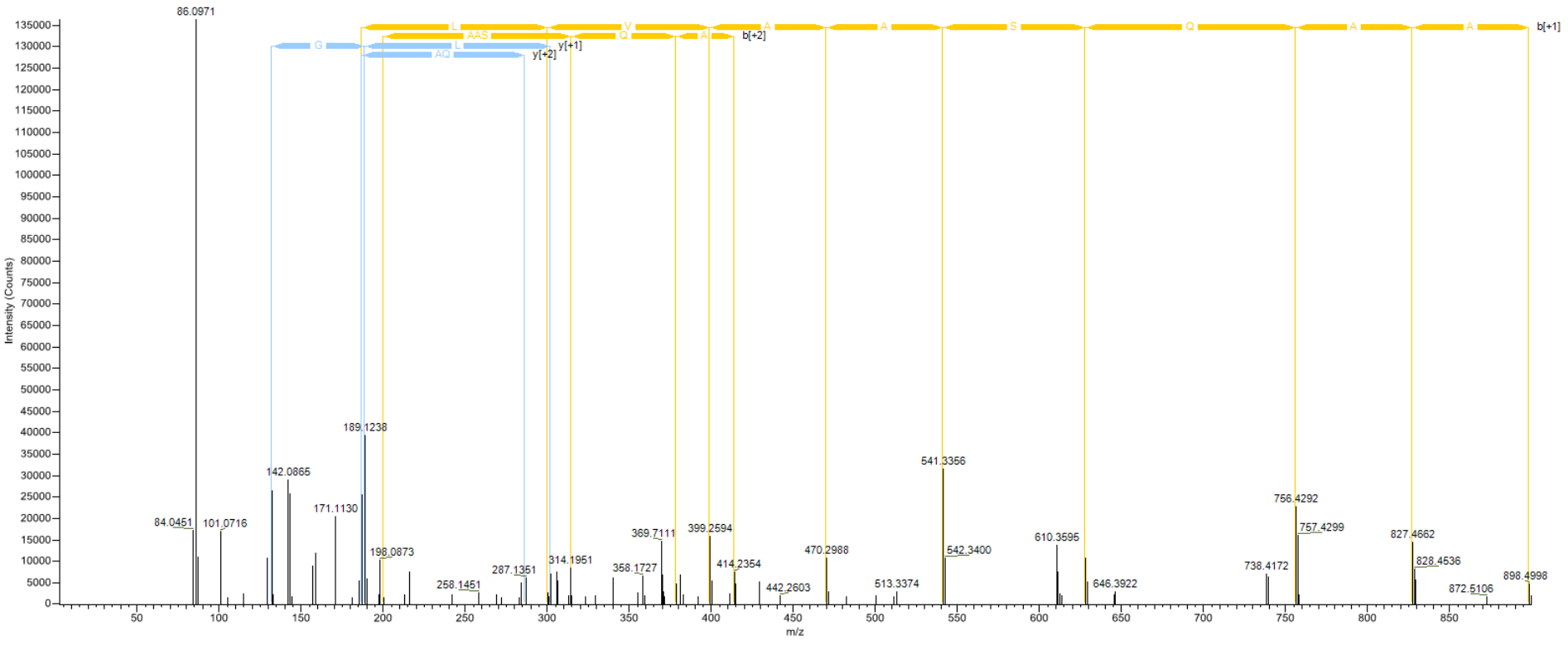
K14 Carboxymethyl

k L[V]A[A]S[Q]A[A]L[G]L



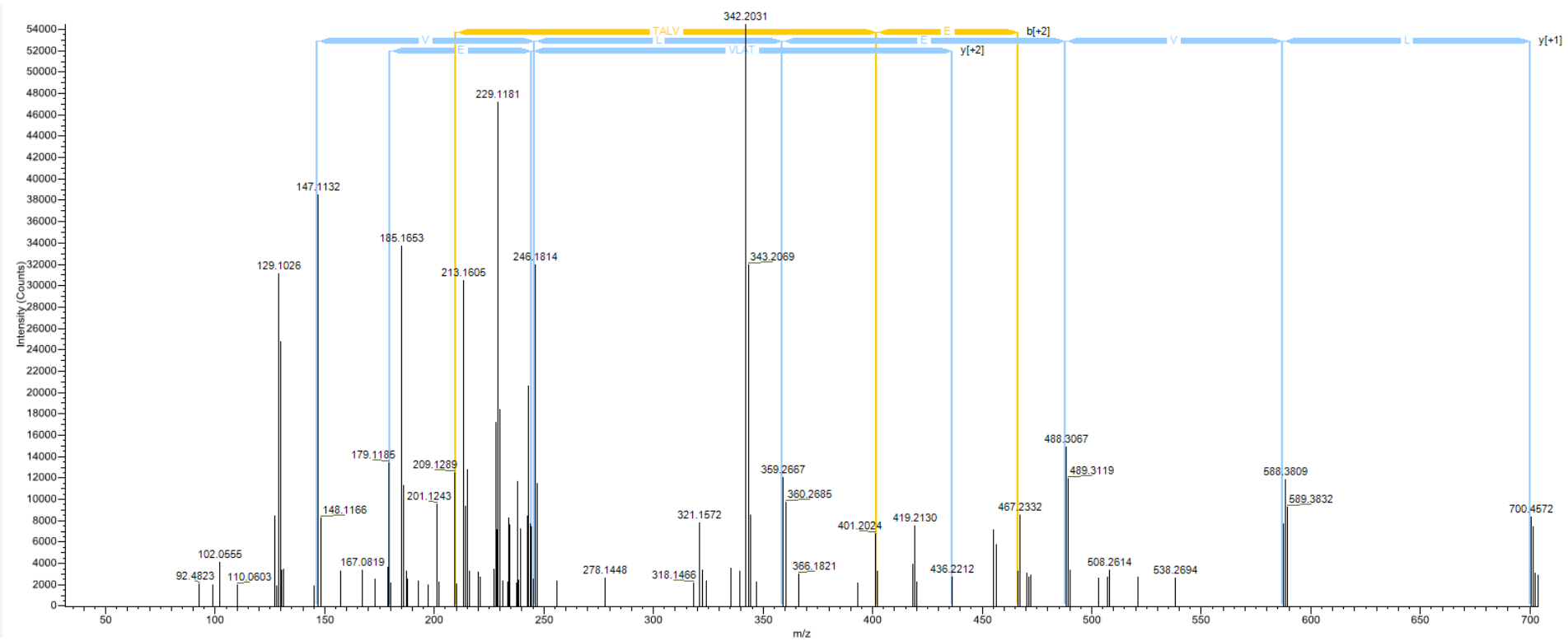
K1 Amadori

k]L]V]A]A]S]Q]A]A]L]G]L



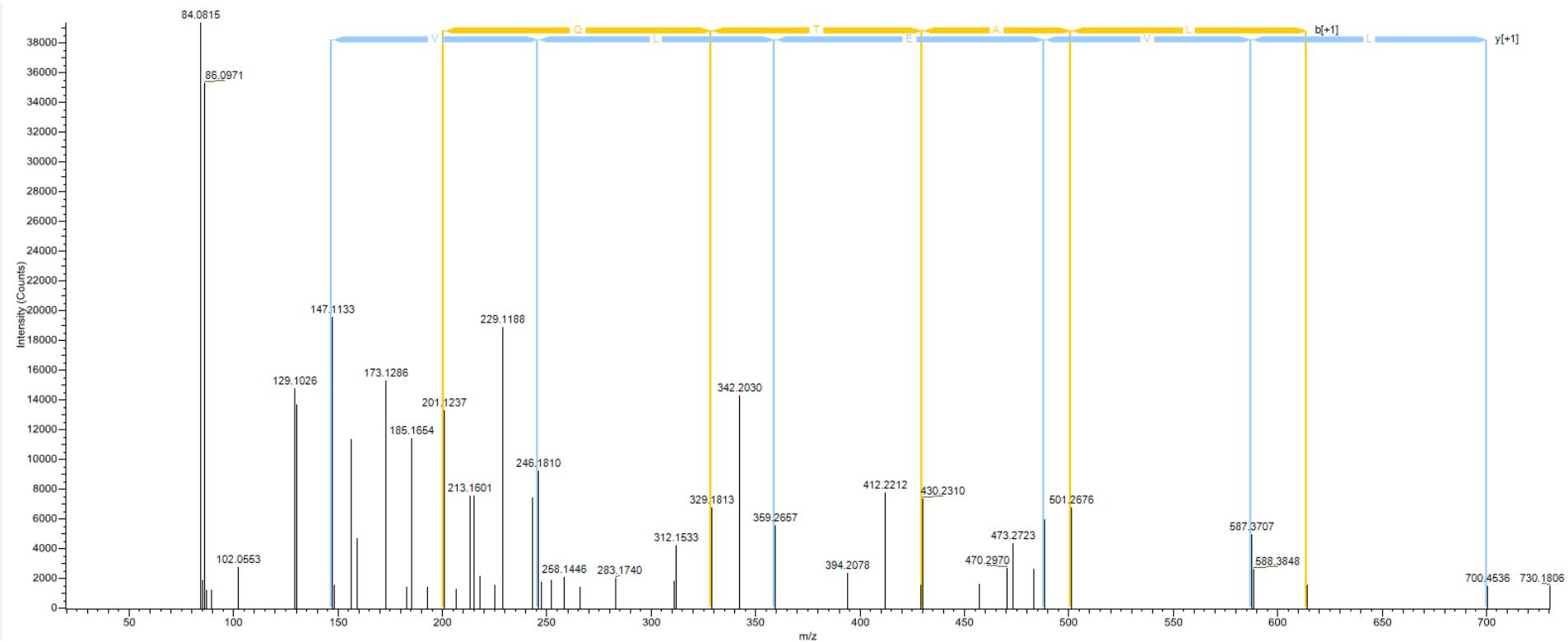
K1 Carboxymethyl

k Q T A L V E L V K



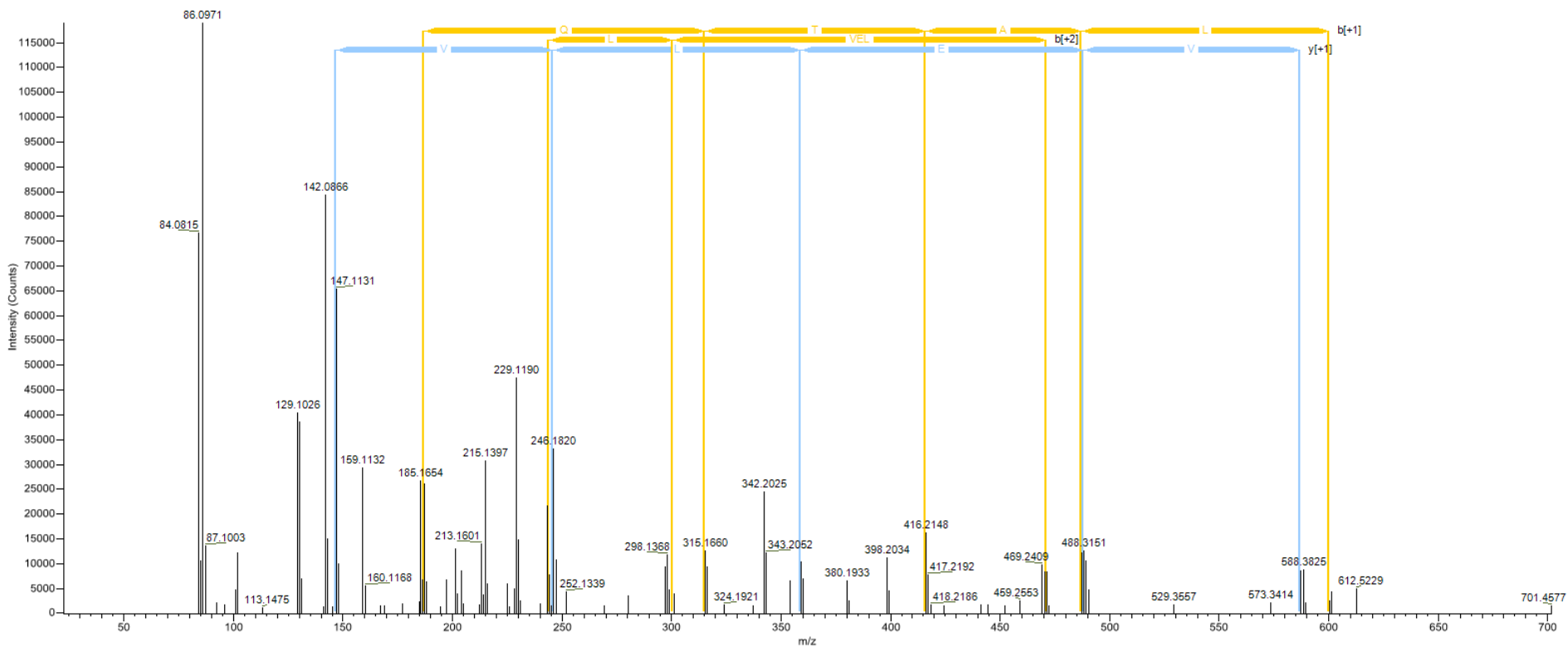
K1 Amadori

k[Q]T[A]L[V]E[L]V[K]



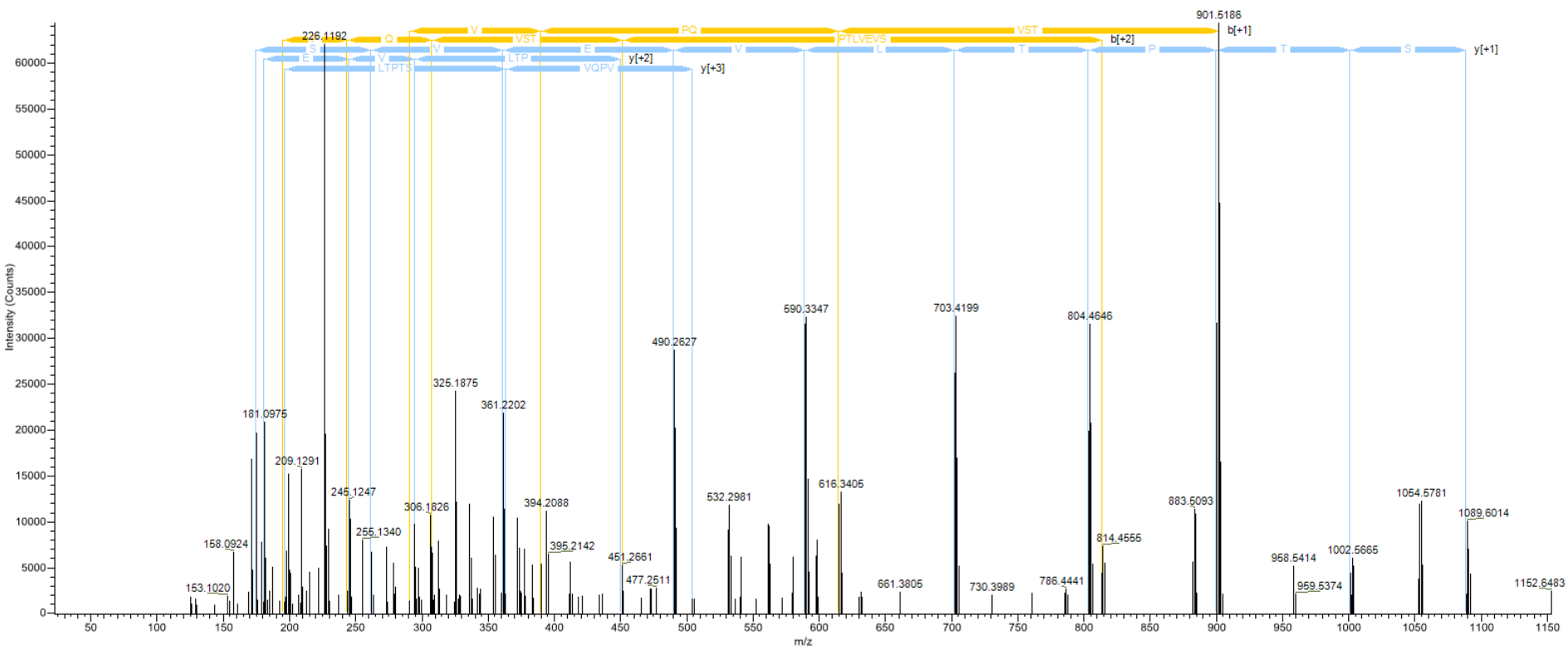
K1 Carboxyethyl

k]Q]T]A]L]V[E]L]V]K



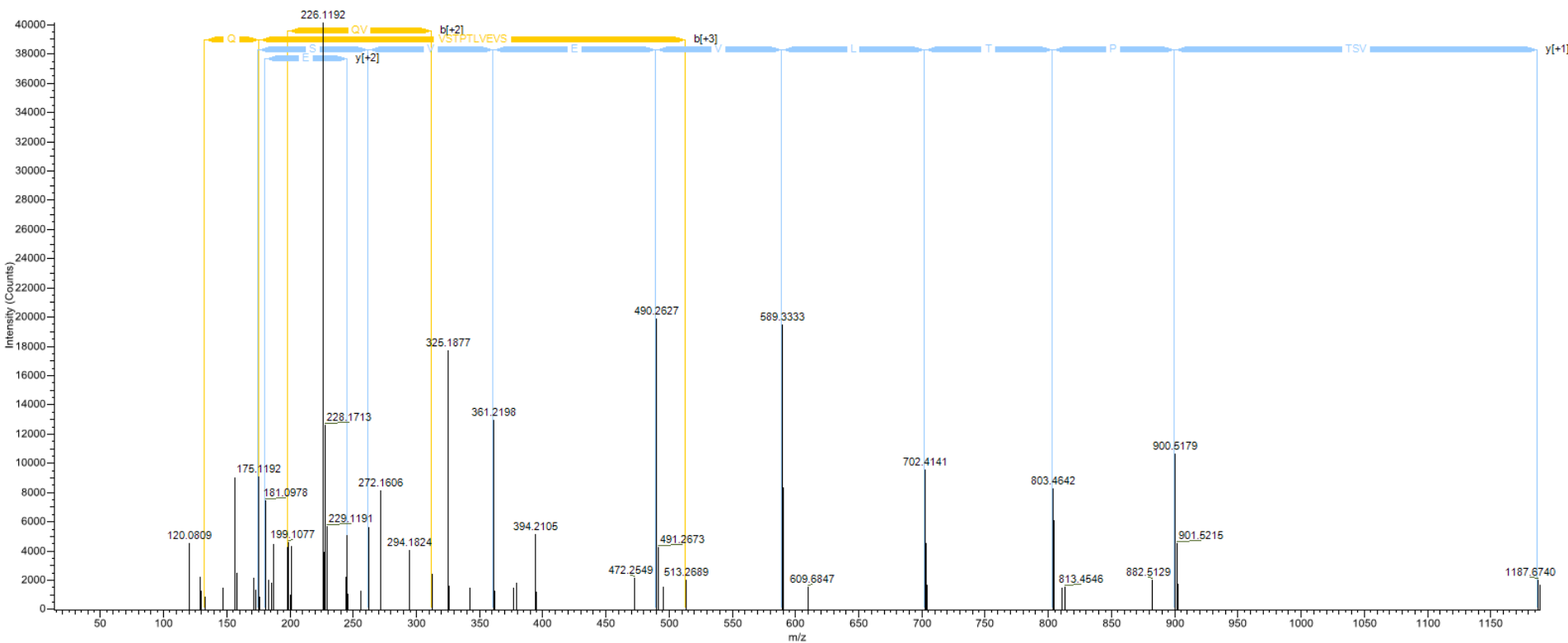
K1 Carboxymethyl

k[V]P]Q]V[S]T]P]T]L[V]E]V[S]R



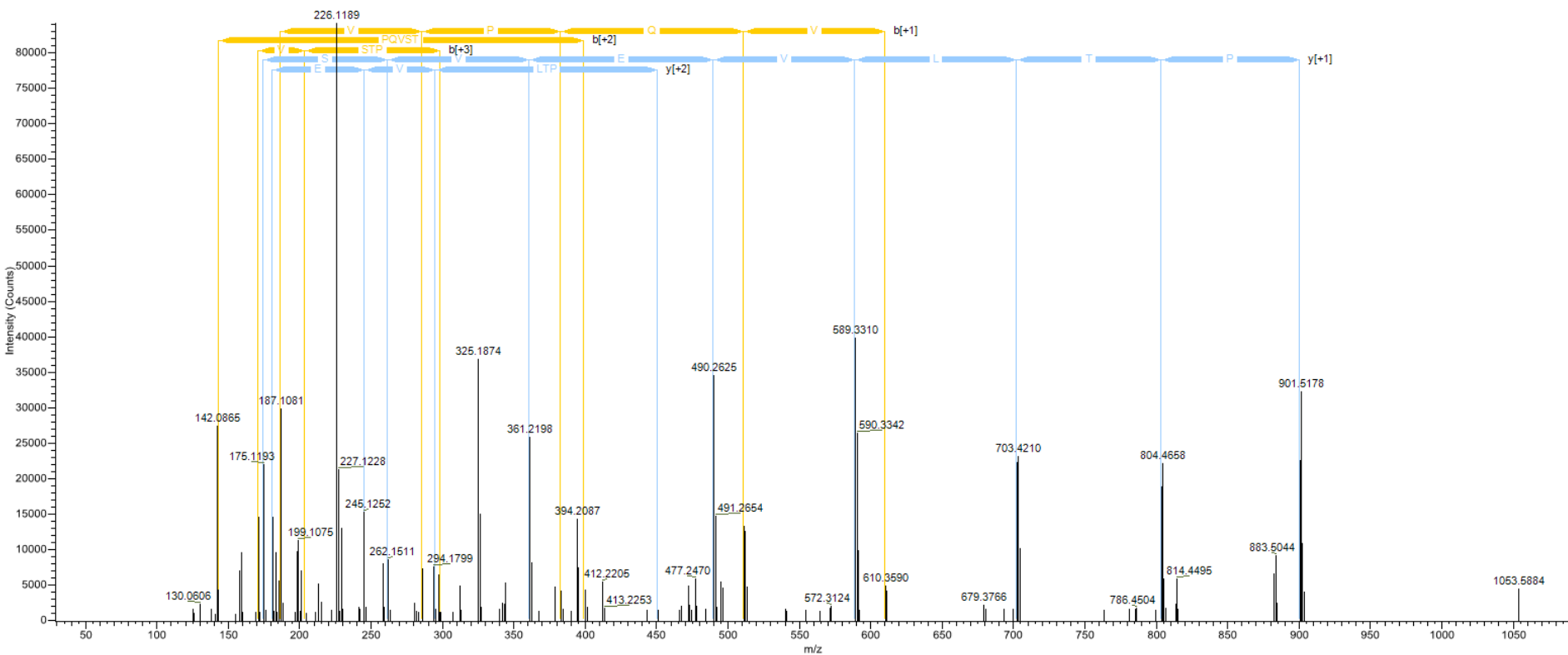
K1 Amadori

k]V]P]Q]V]S]T]P]T]L]V]E]V]S]R



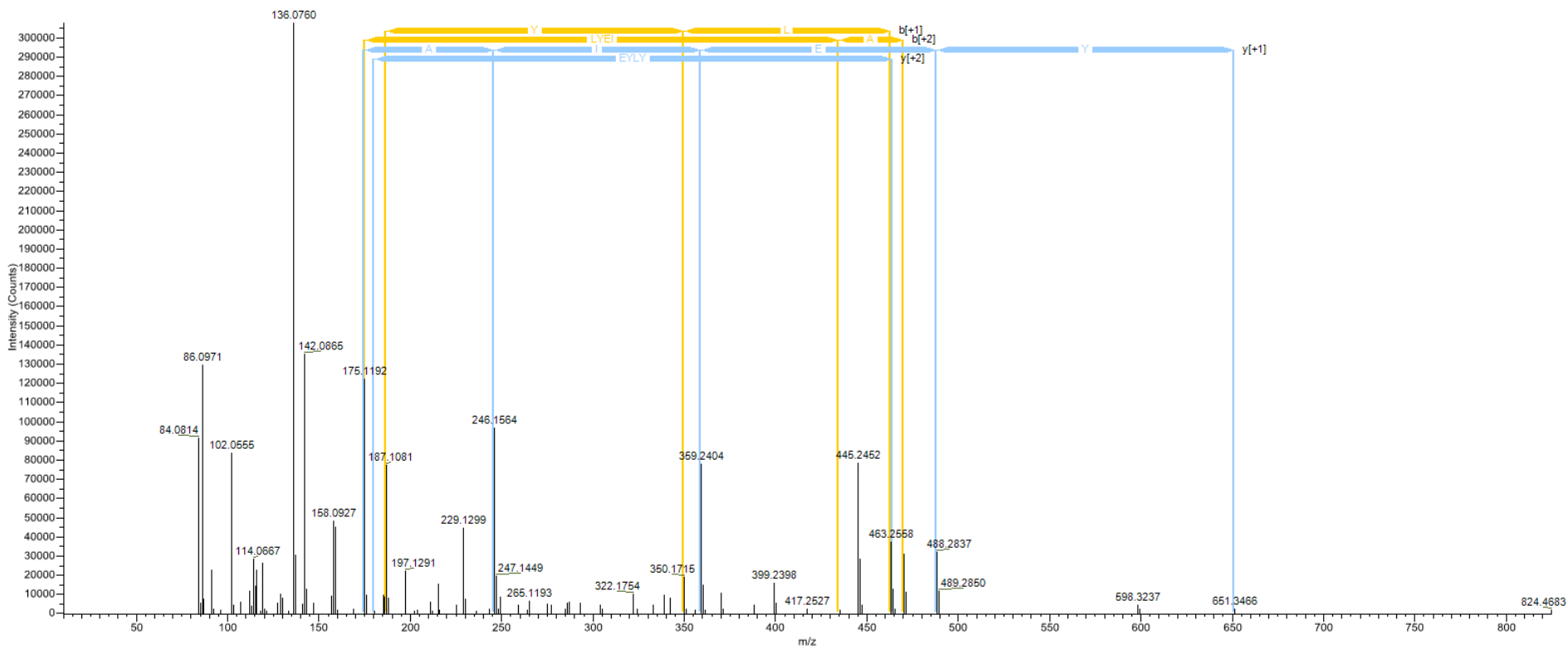
K1 Carboxyethyl

k]V]P]Q]V]S T]P]T]L]V]E]V]S]R



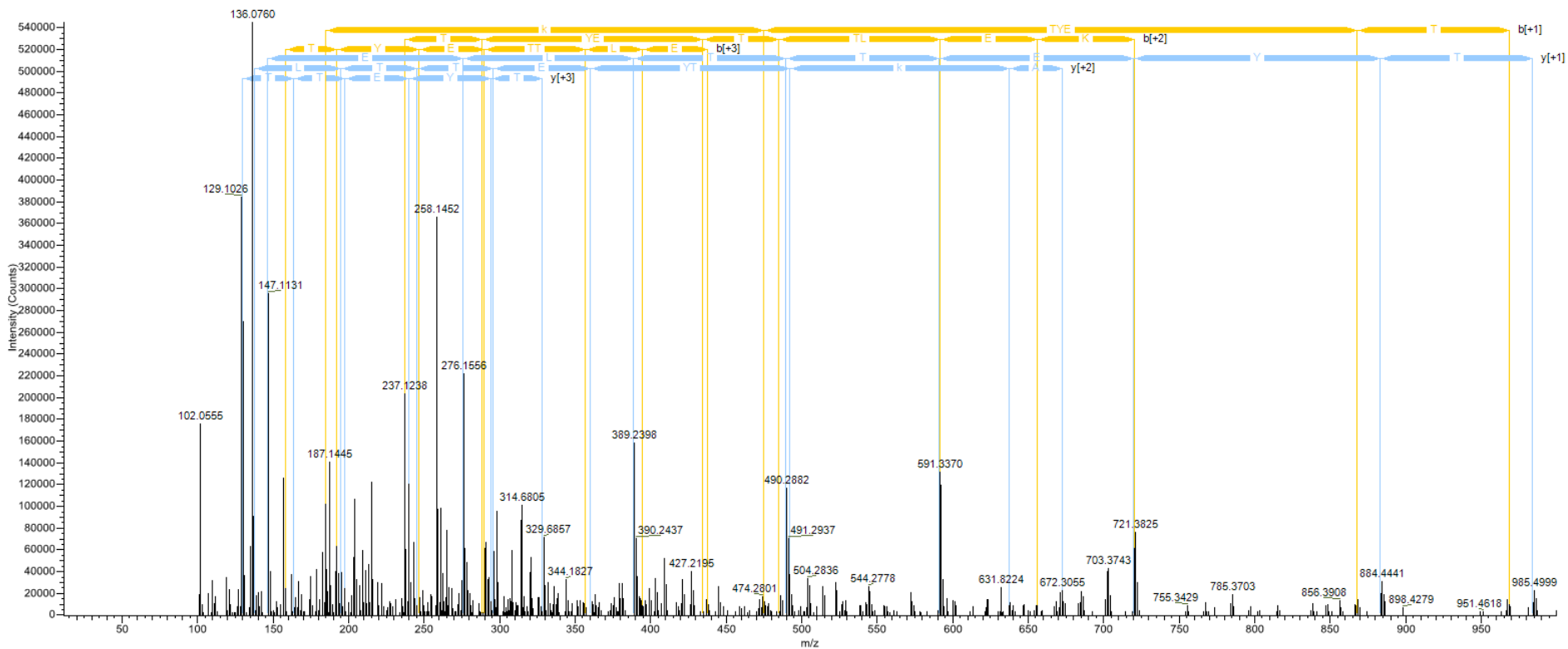
K1 Carboxymethyl

K Y L Y E I A R



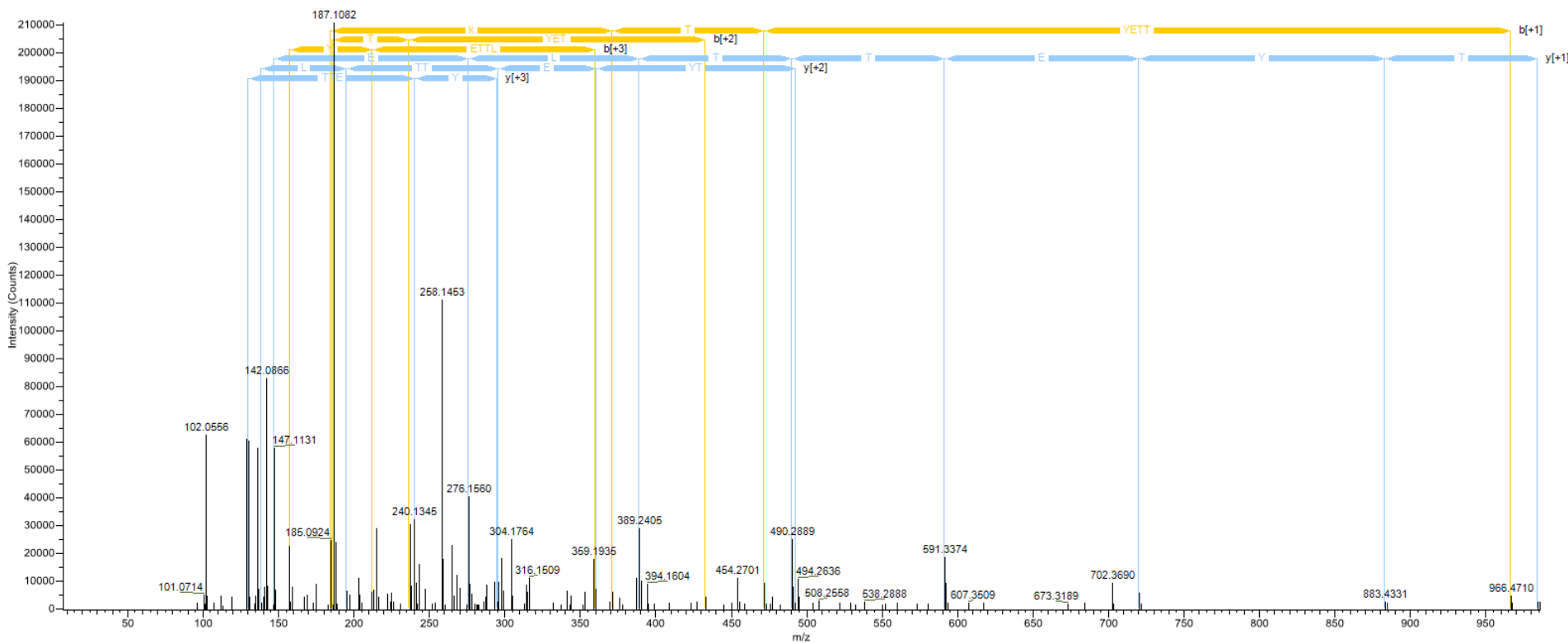
K1 Carboxymethyl

L[A]K[T]Y[E]T[T]L[E]K



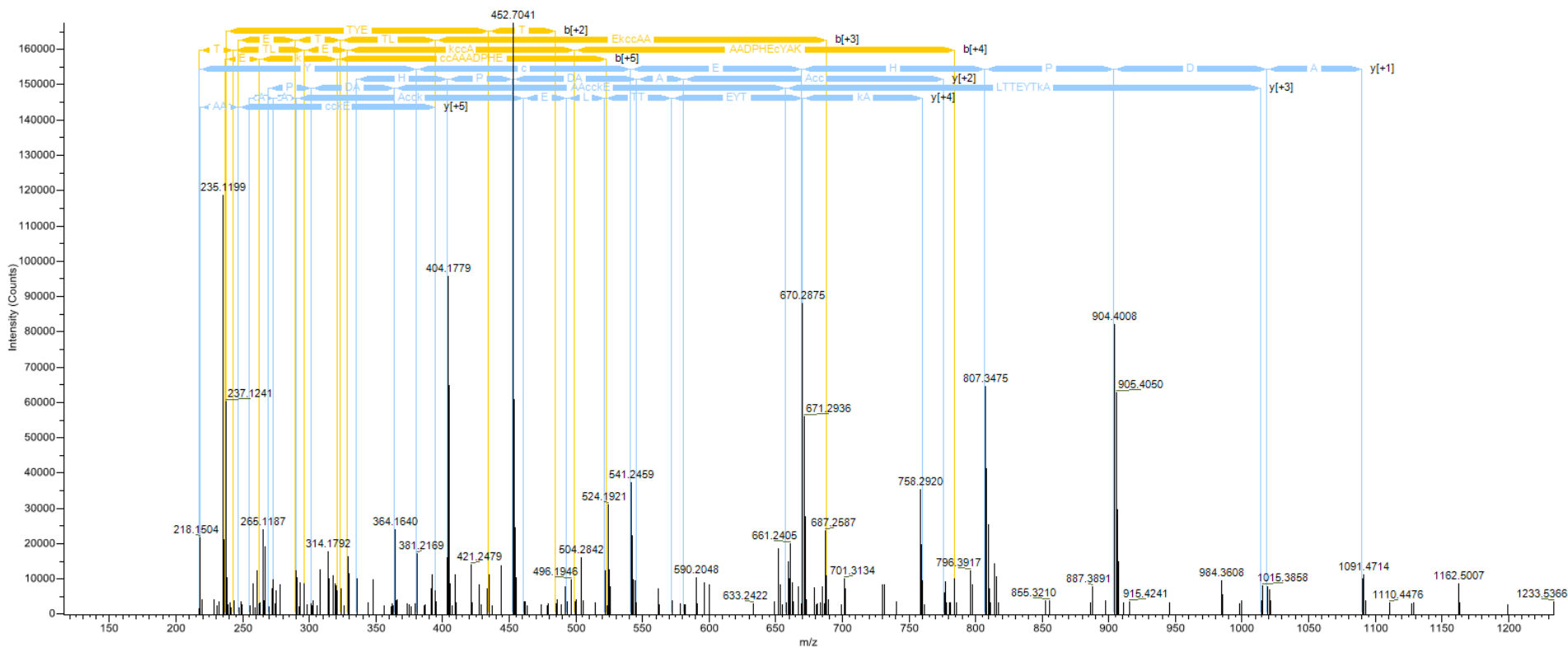
K3 Amadori

L A k T Y E T T L E K



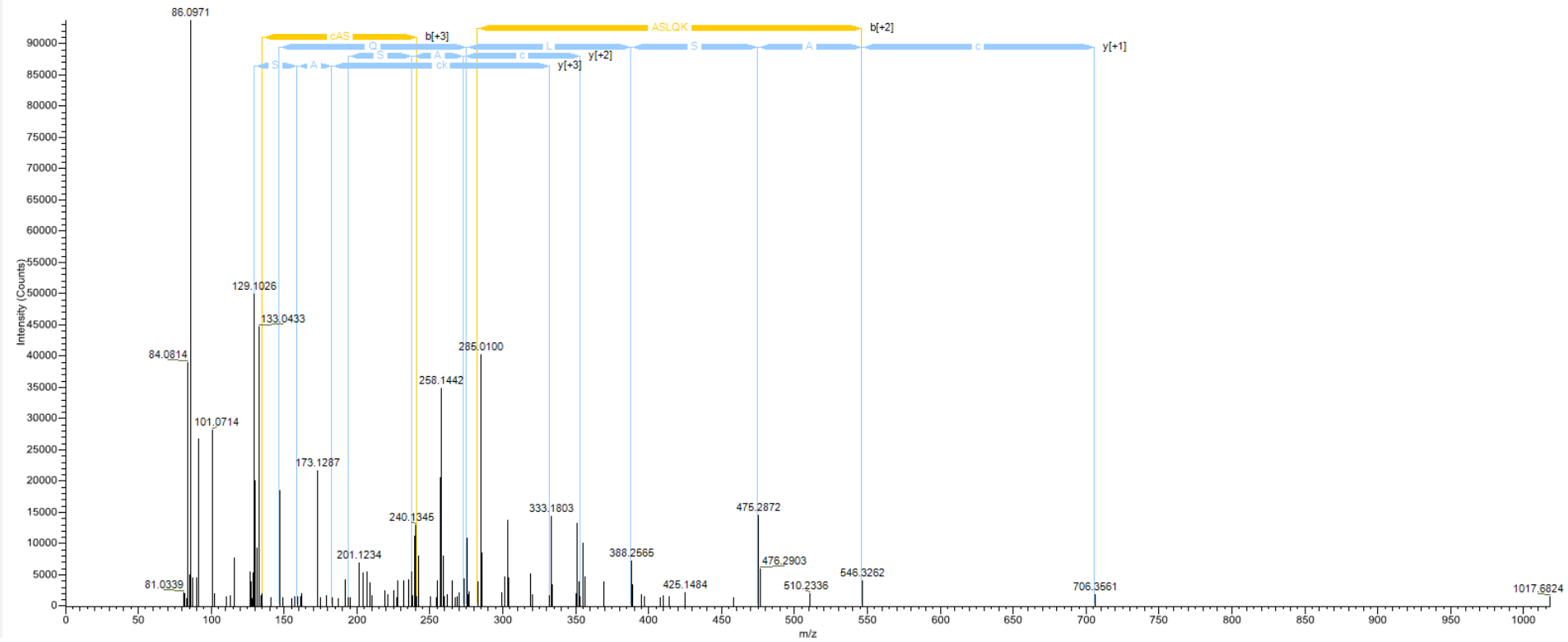
K3 Carboxymethyl

L[A k]T Y]E]T]T]L]E]k]c c[A]A]A]D]P]H]E]c]Y]A]K]



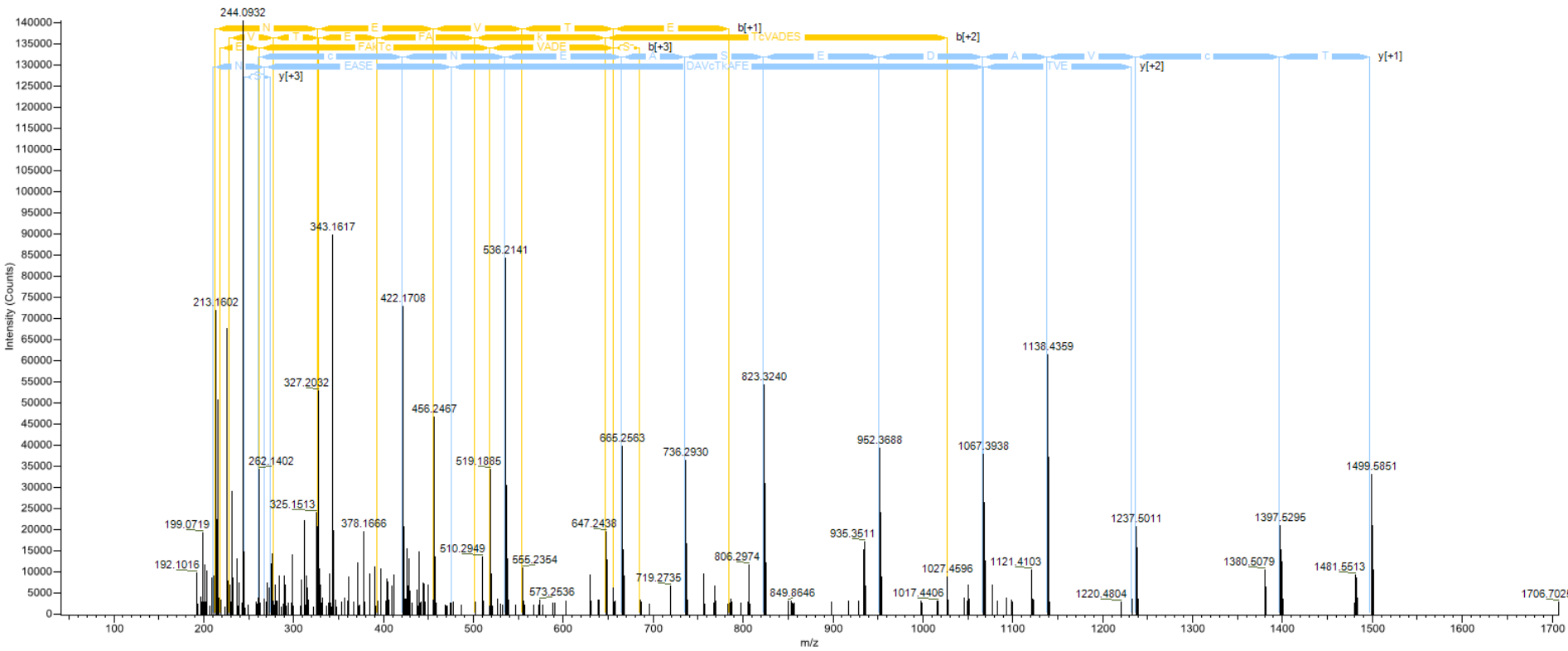
K3 Amadori, K11 Amadori

L [k] [c] [A] [S] [L] [Q] [K]



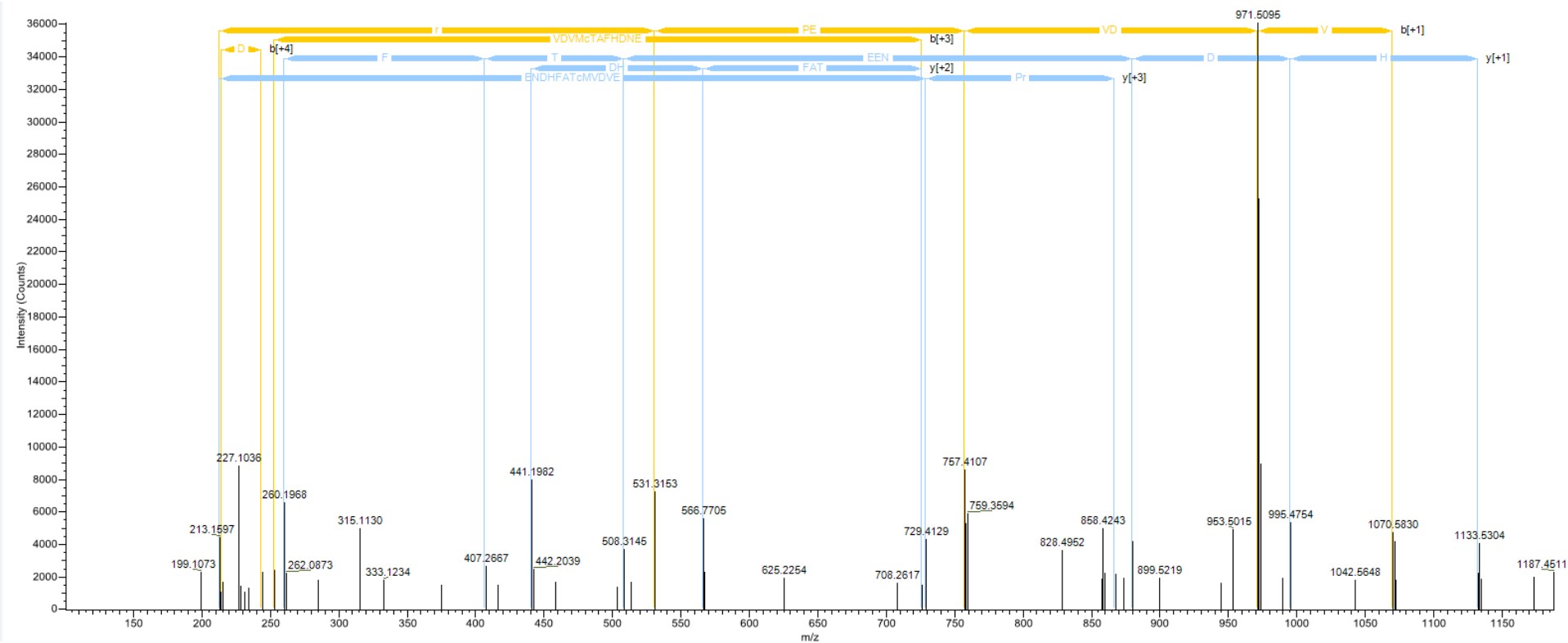
K2 Amadori

L V N E V T E F A k T c V A D E S A E N c D K



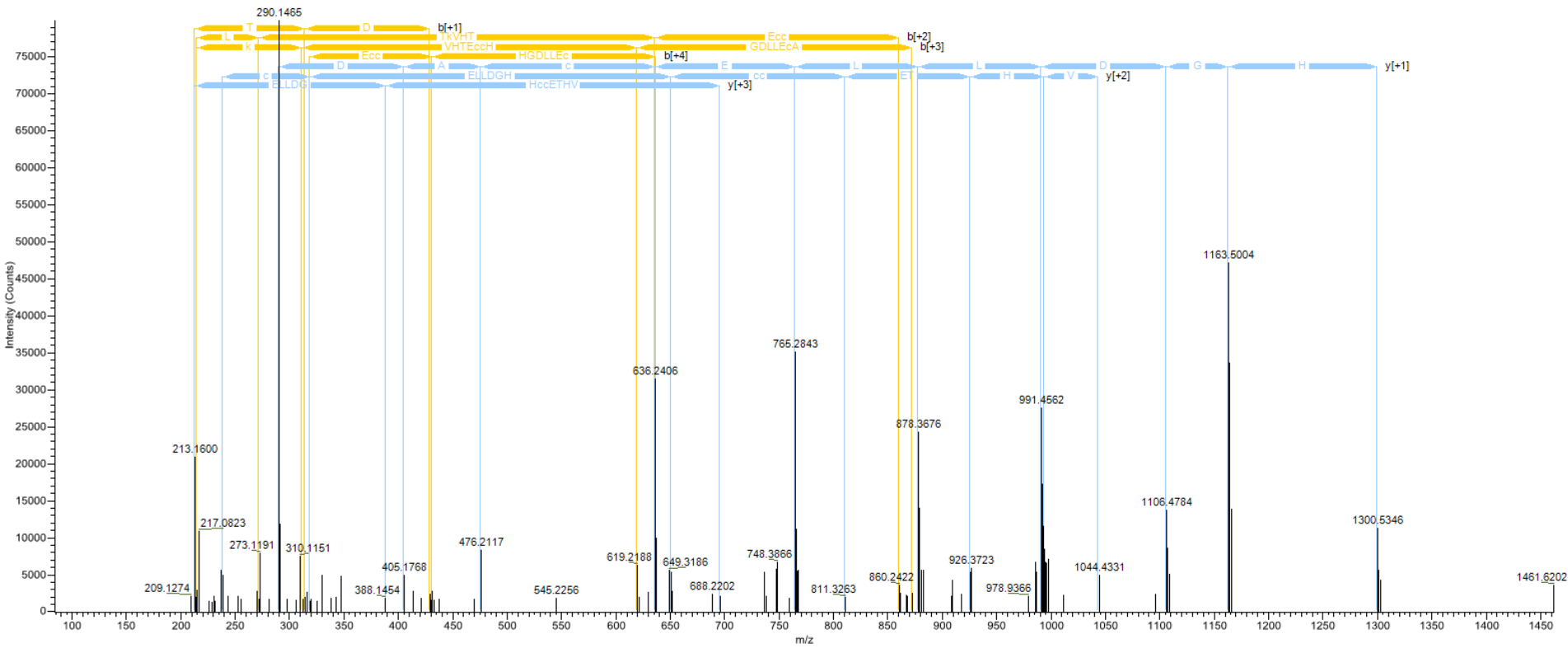
K10 Amadori

L V [r] P [E] V [D] V [M] c [T] A F [H] [D] [N] E [E] T [F] [L] K



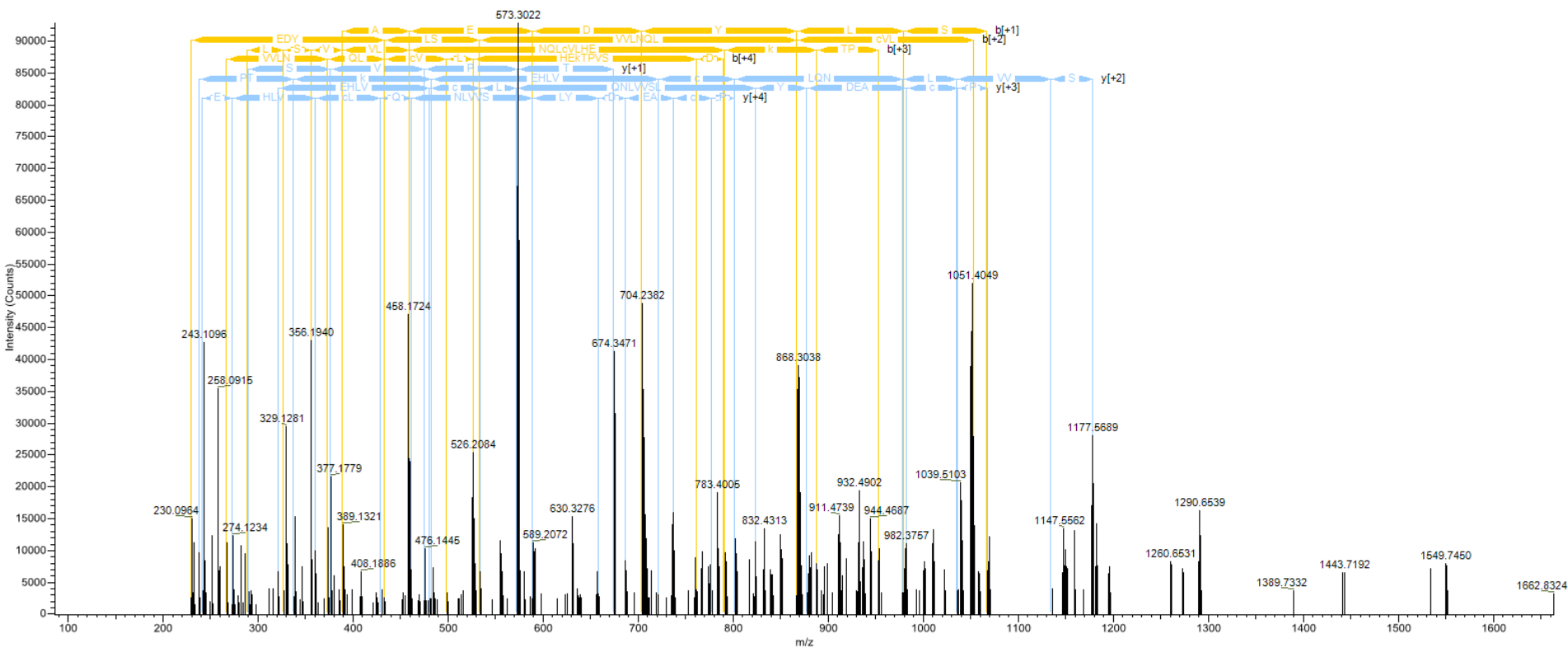
R3 Amadori

L V T D L T k V H T E c c H G D L L E c A D D R



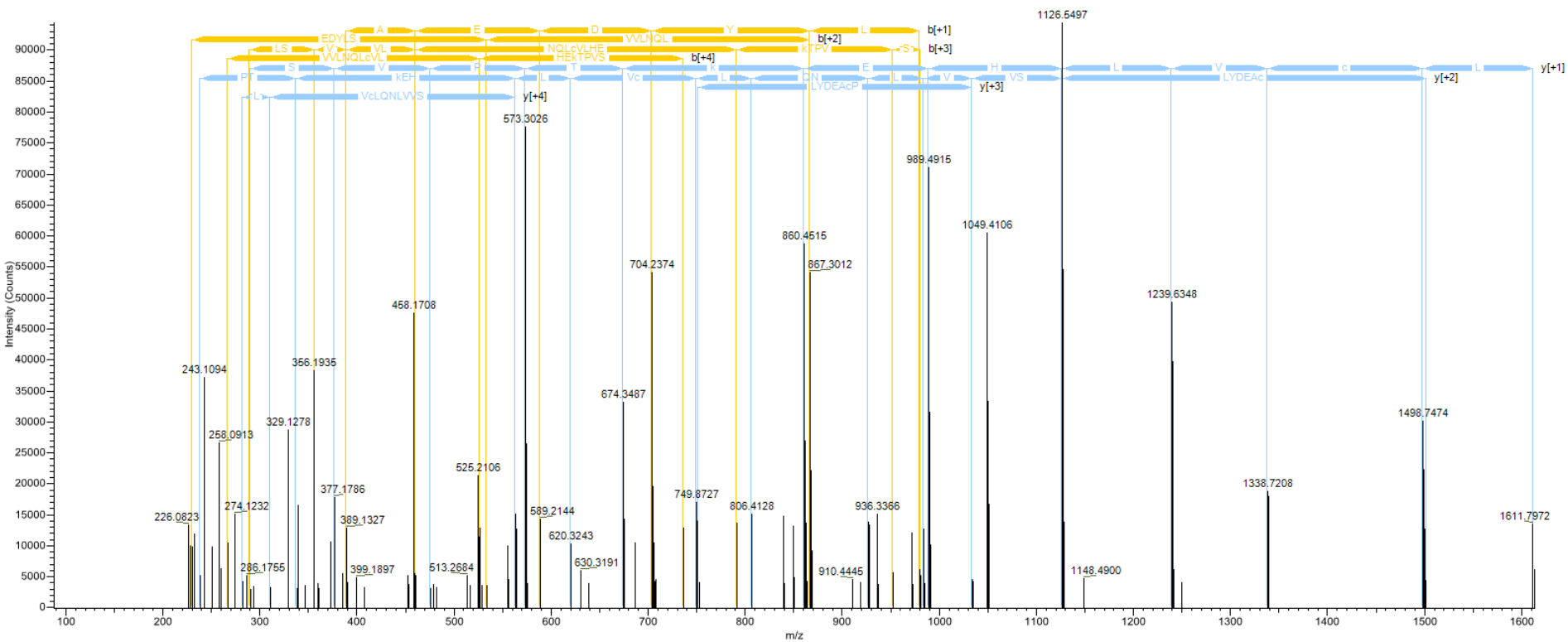
K7 Amadori

M[P]c[A]E[D]Y[L]S[V]V[L]N[Q]L]c[V]L]H[E]k]T[P]V[S]D]R



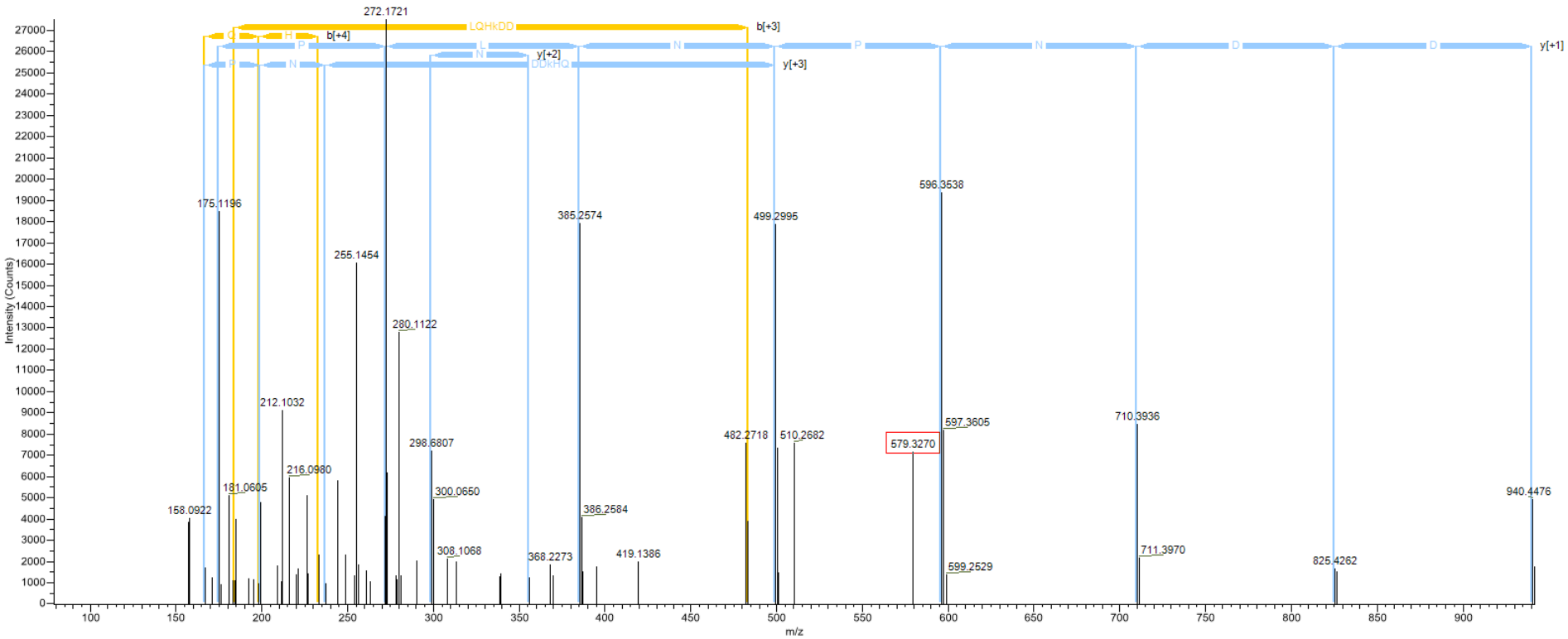
K21 Amadori

M P c A E D Y L S V V L N Q L c V L H E k T P V S D R



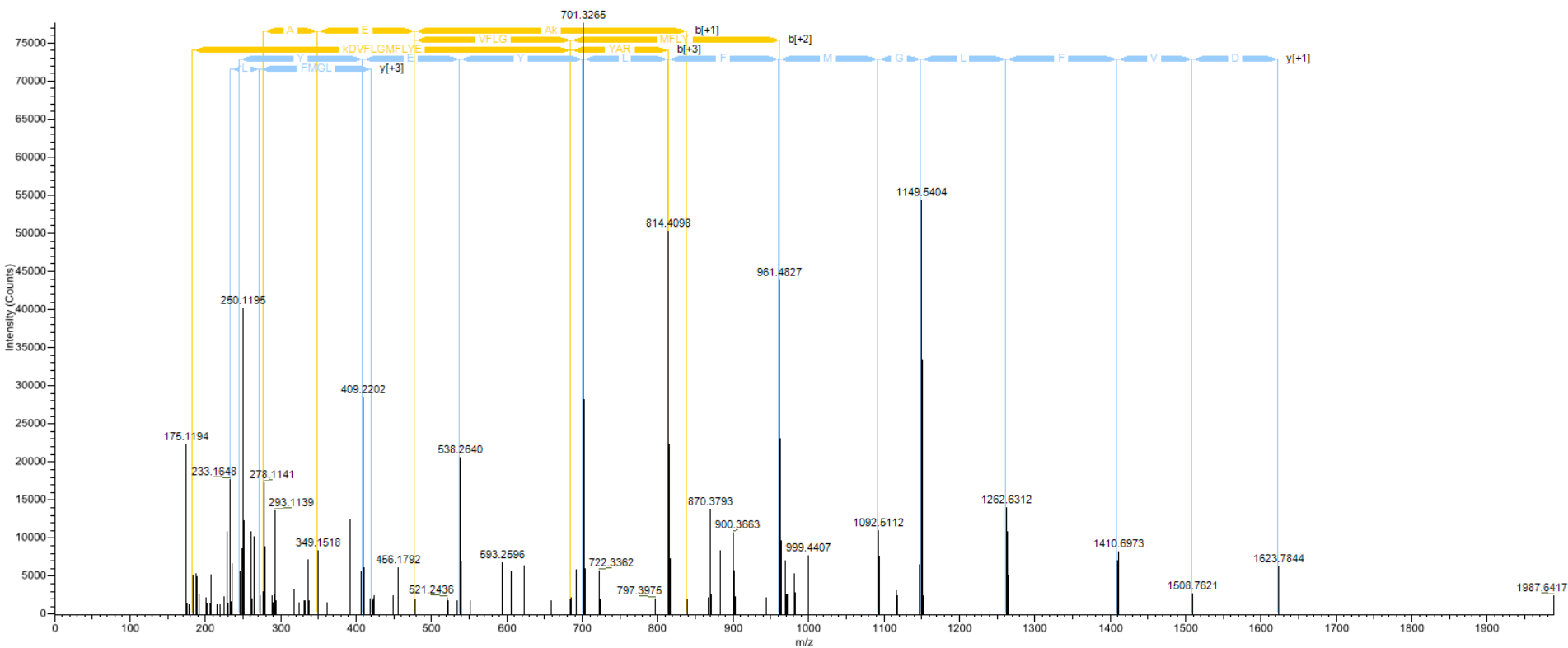
K21 Carboxymethyl

N E] c F] L] Q] H] k] D] D] N] P] N] L] P] R



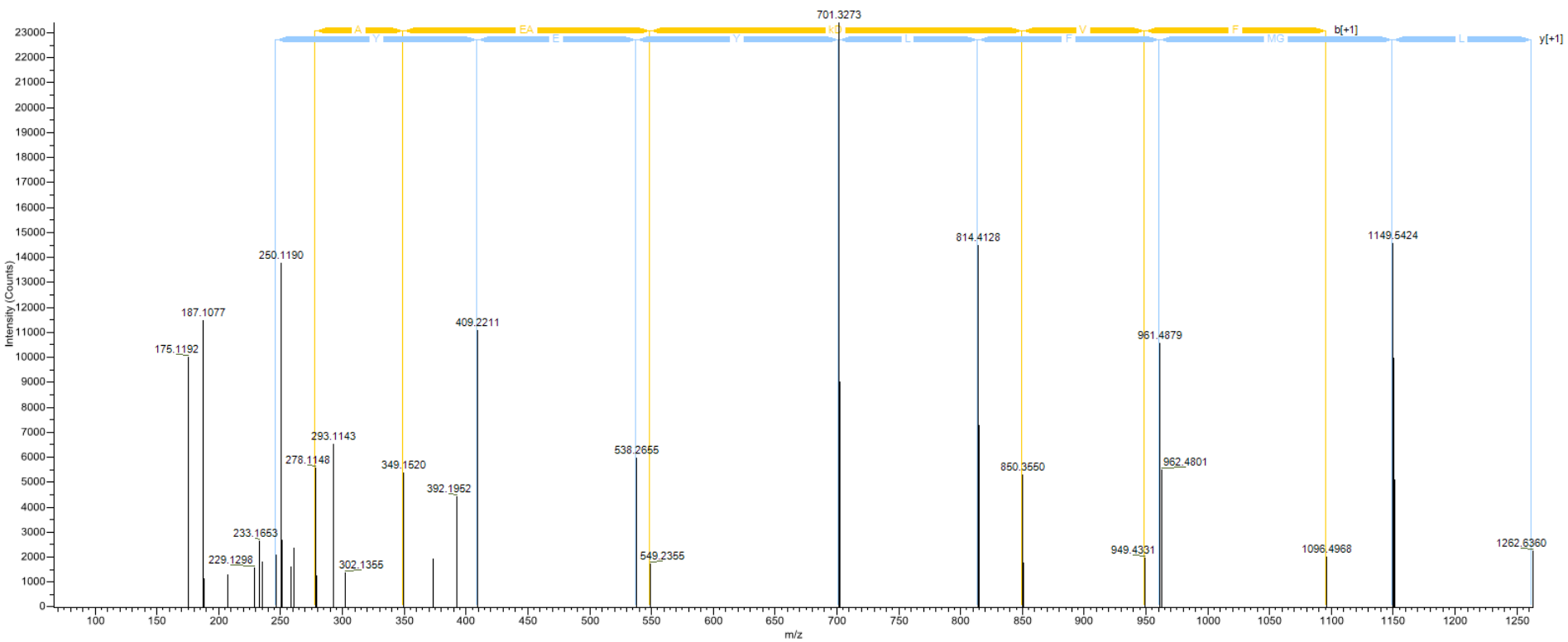
K8 Amadori

N Y [A] E [A] k [D] V [F] [L] [G] M [F] [L] [Y] E [Y] [A] [R]



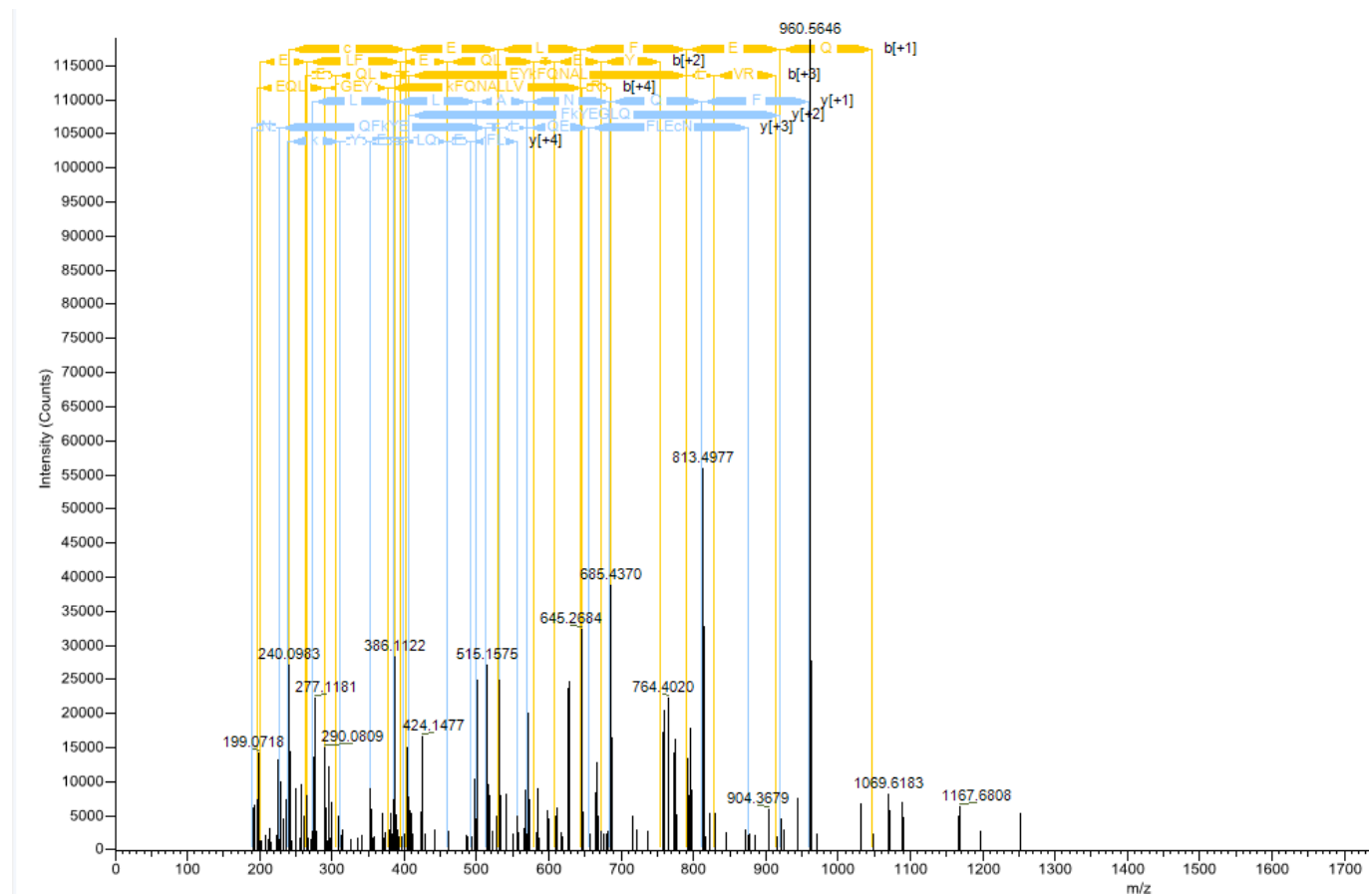
K6 Amadori

N Y] A] E A] **k**] D] V] F] L [G M [F [L [Y [E [Y [A [R



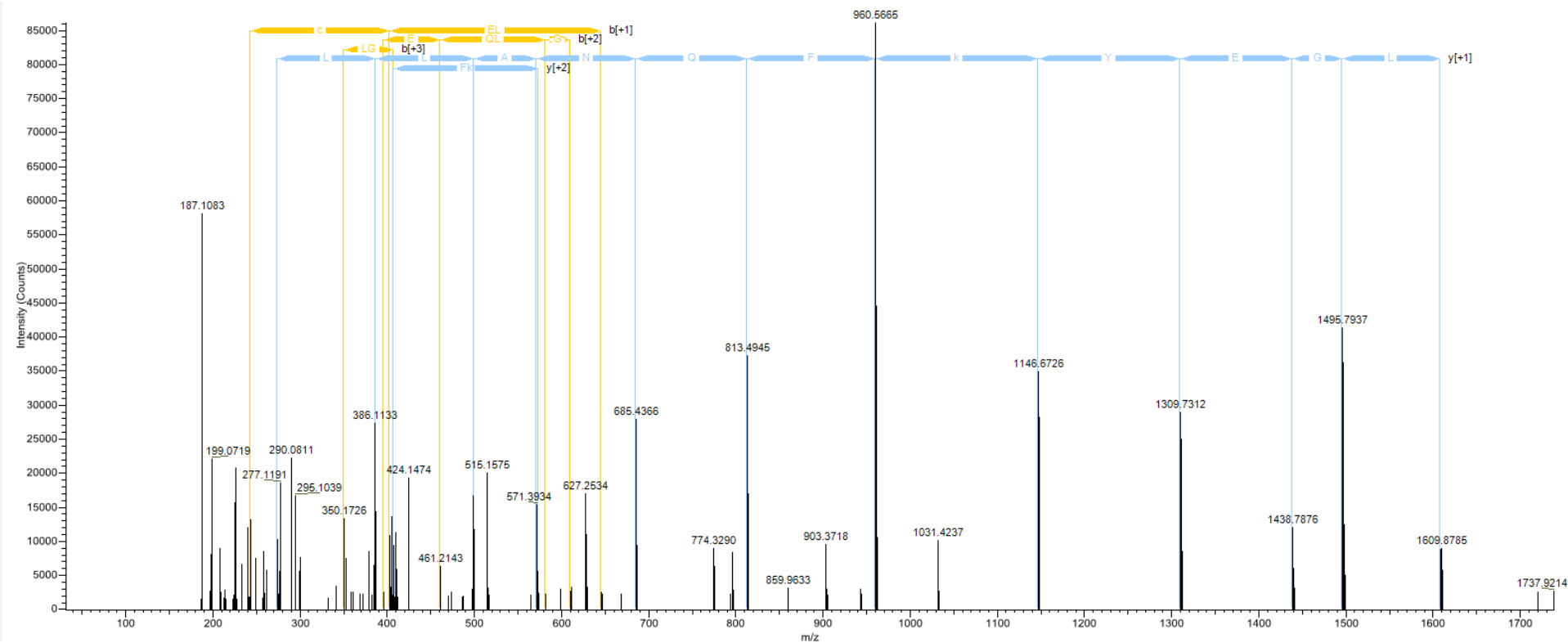
K6 Carboxymethyl

Q[N]c]E]L]F]E]Q]L]G]E]Y]k]F]Q]N]A]L]L]V]R]



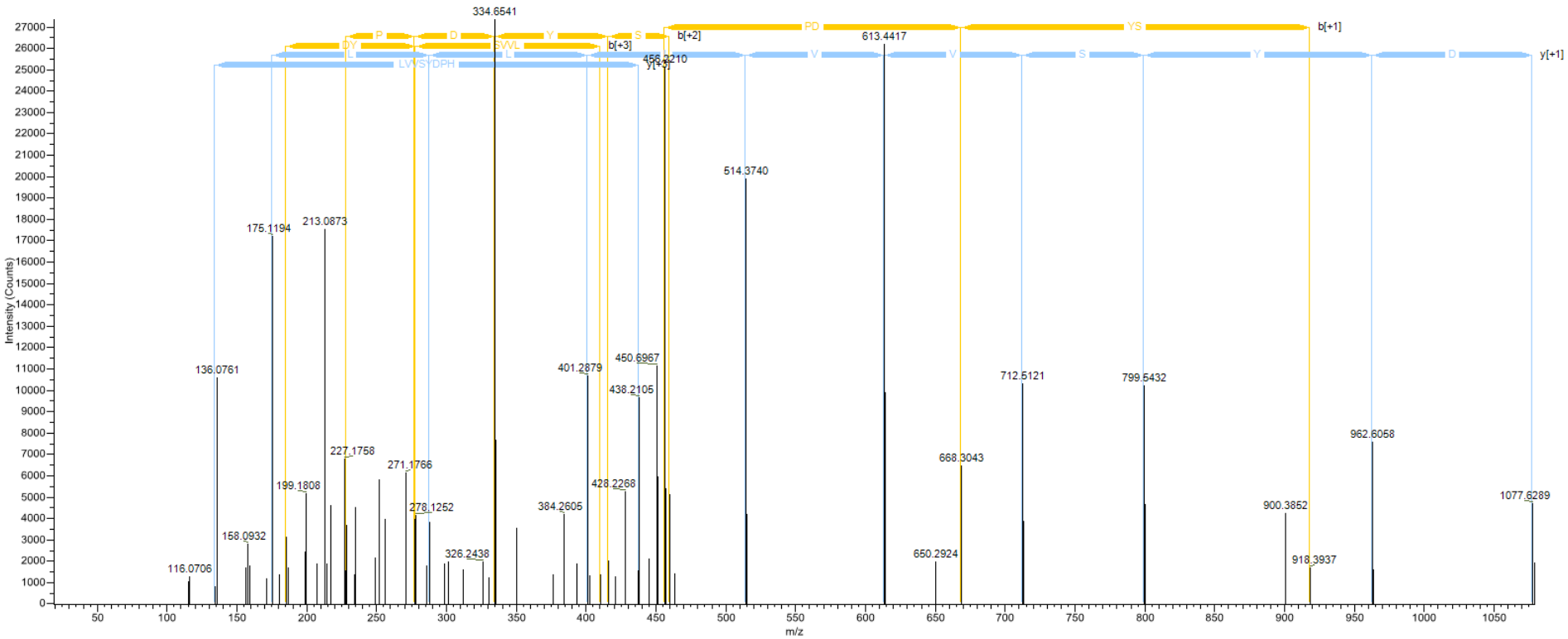
K13 Amadori

Q N c E L F E Q L G E Y k F Q N A L L V R



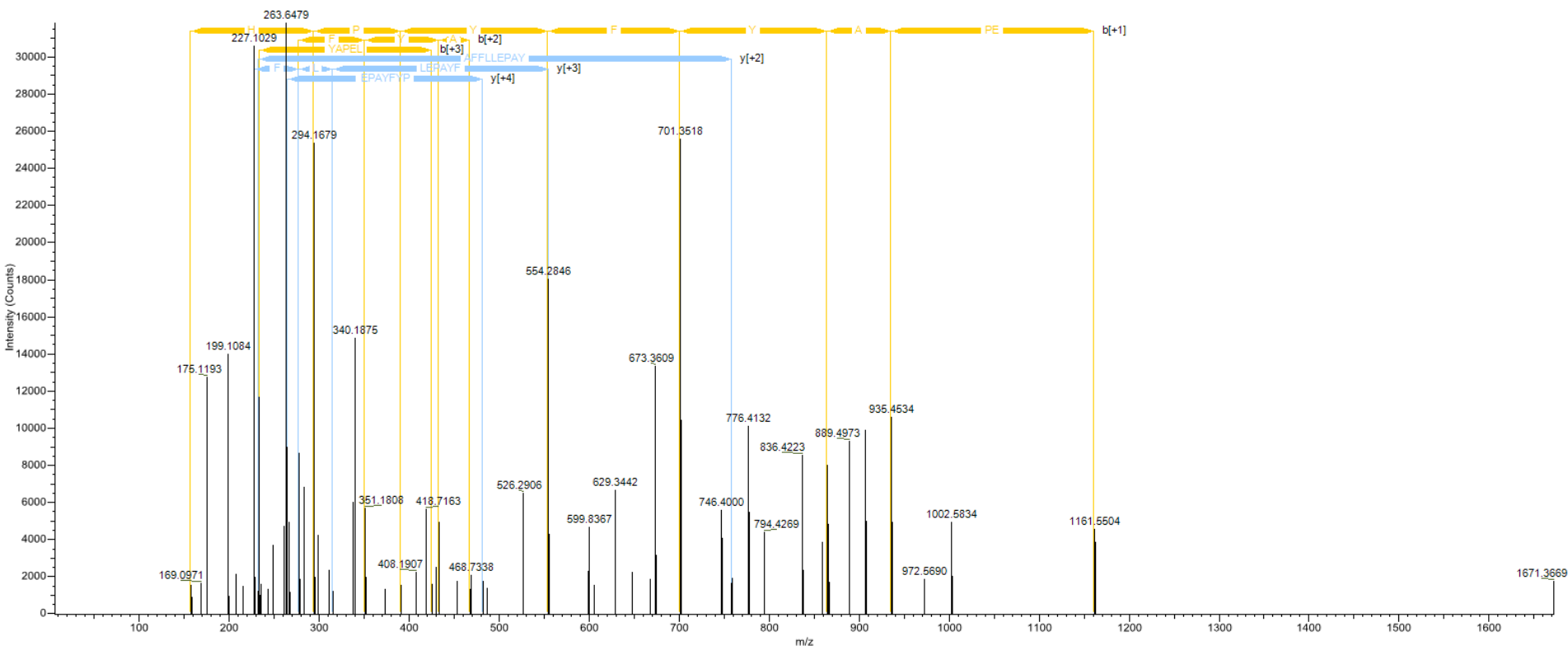
K13 Carboxymethyl

r [H] P [D] Y [S] V [V] L [L] L [R



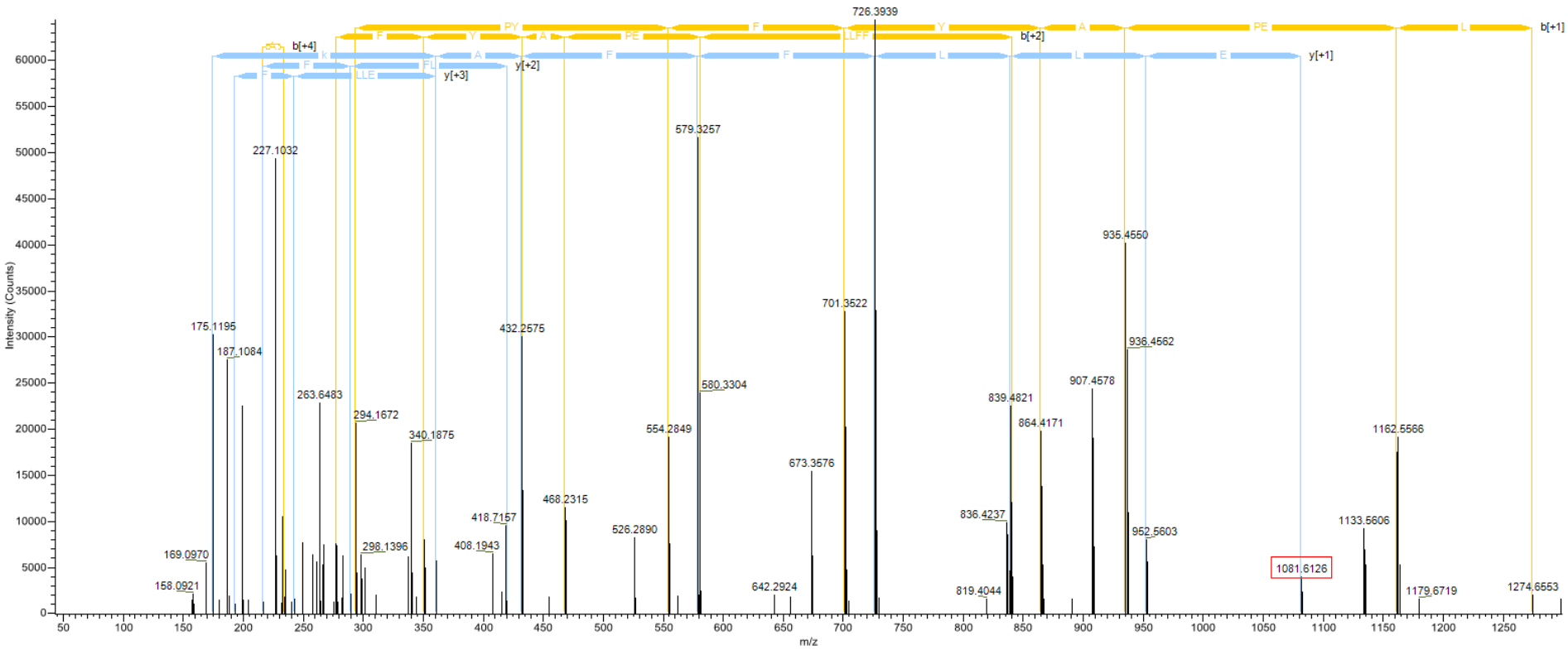
R1 Amadori

R]H]P]Y]F]Y]A]P E]L]L[F]F A[k]R



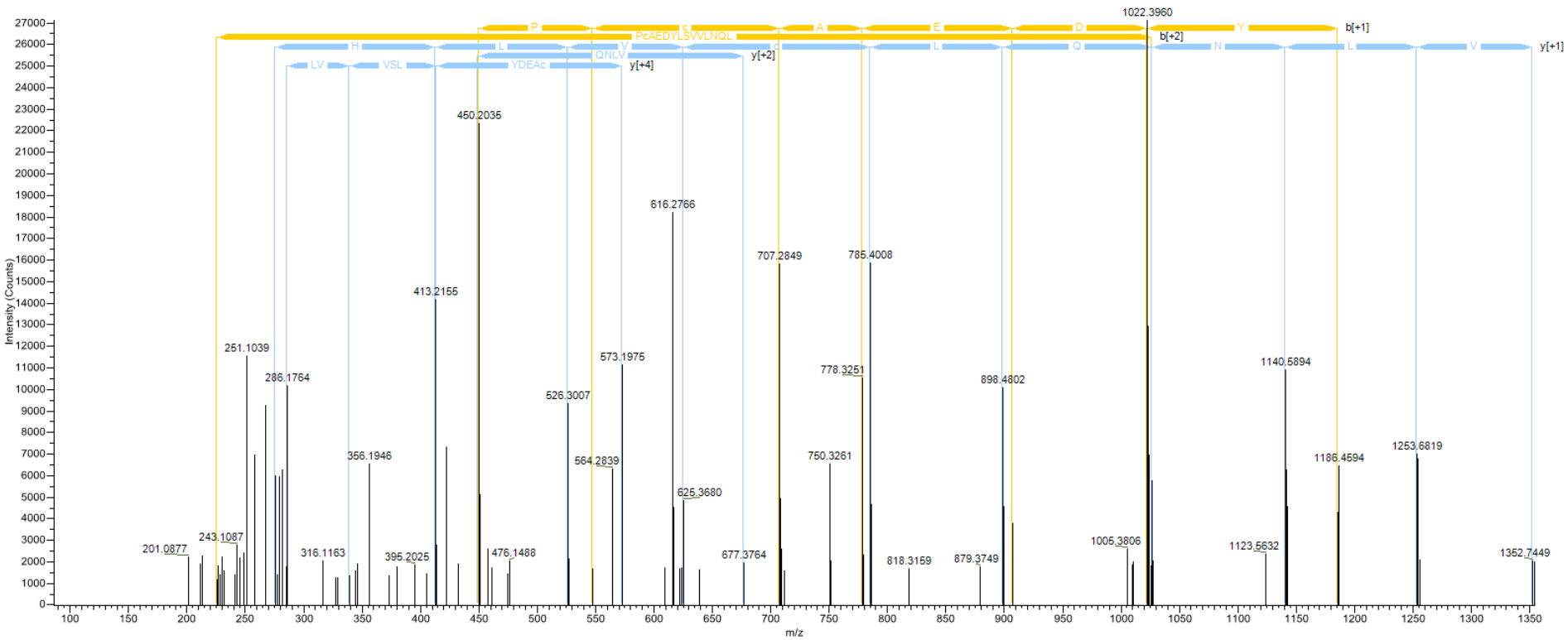
K15 Amadori

R]H]P]Y]F]Y]A]P]E]L]L]F]F]A]k]R



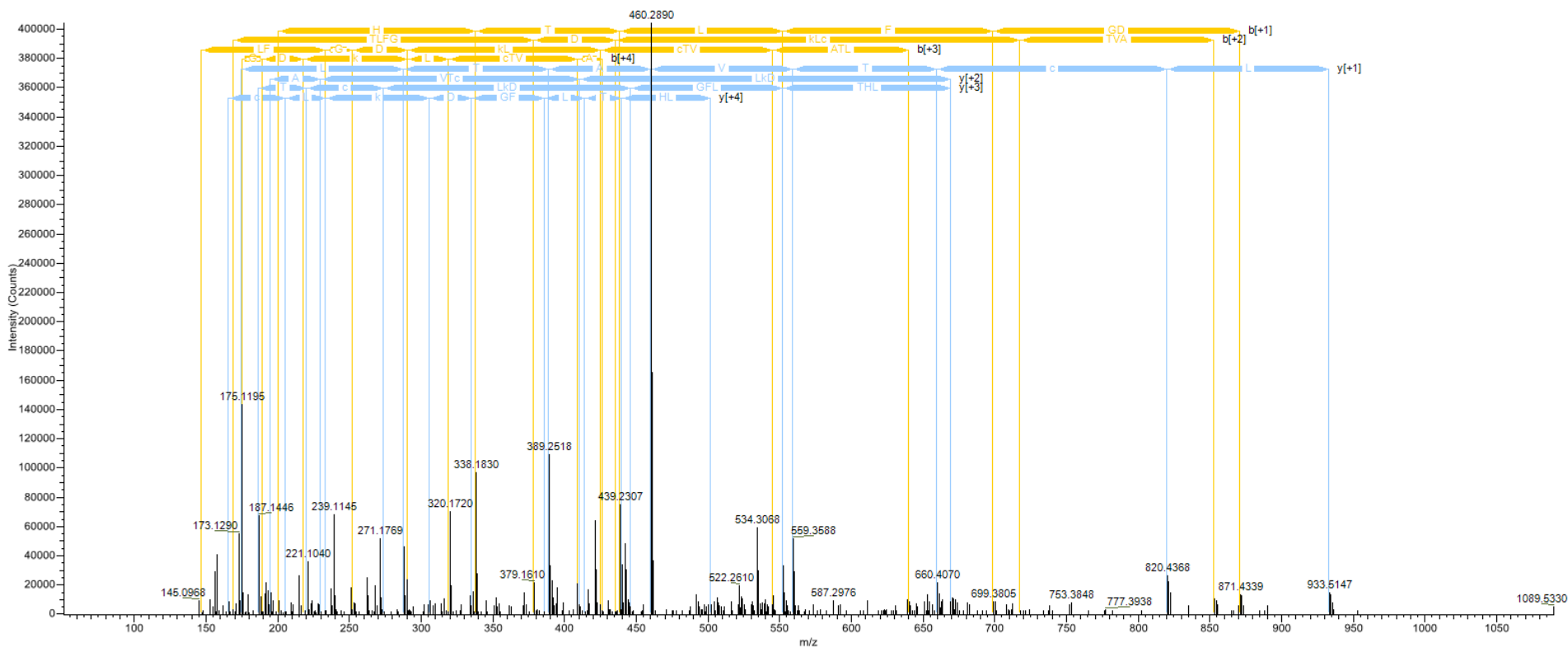
K15 Carboxymethyl

r M]P]c]A]E]D]Y]L S V[V]L[N]Q[L]c[V]L[H]E K



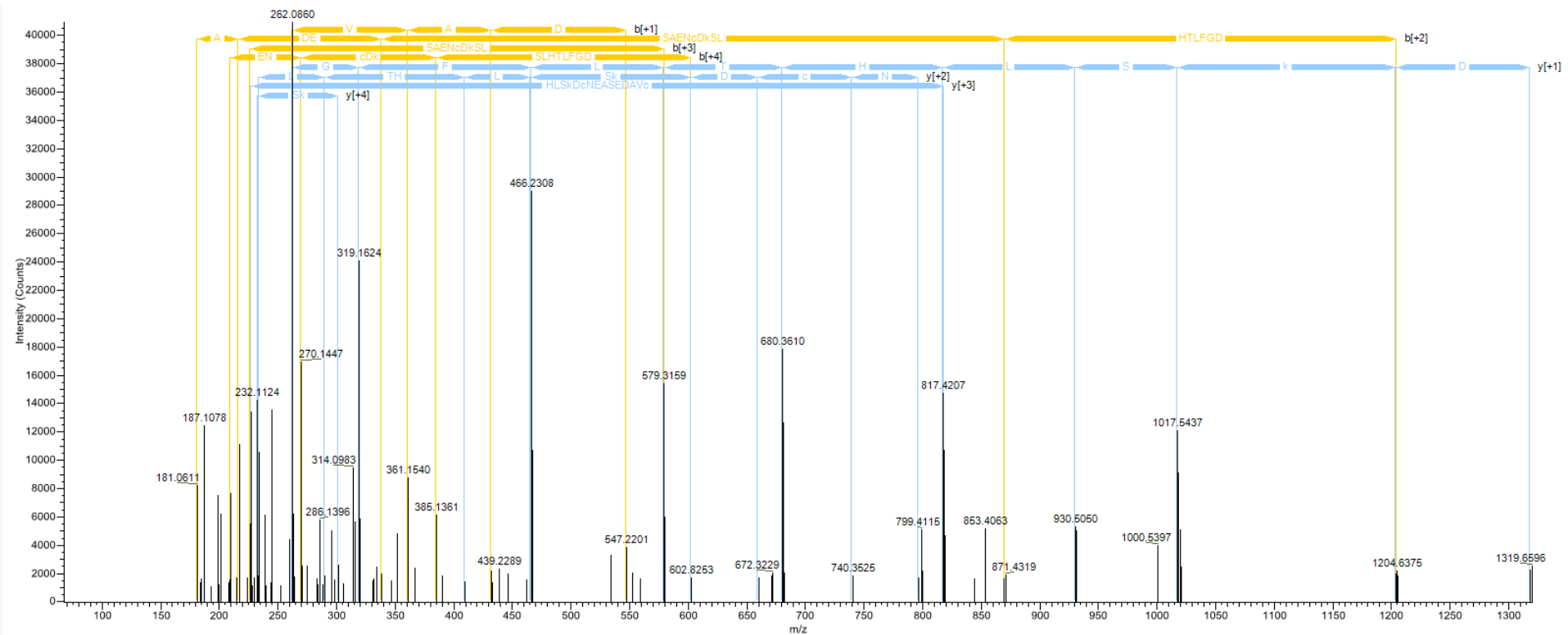
R1 Amadori

S L H T L F G D k L c T V A T L R



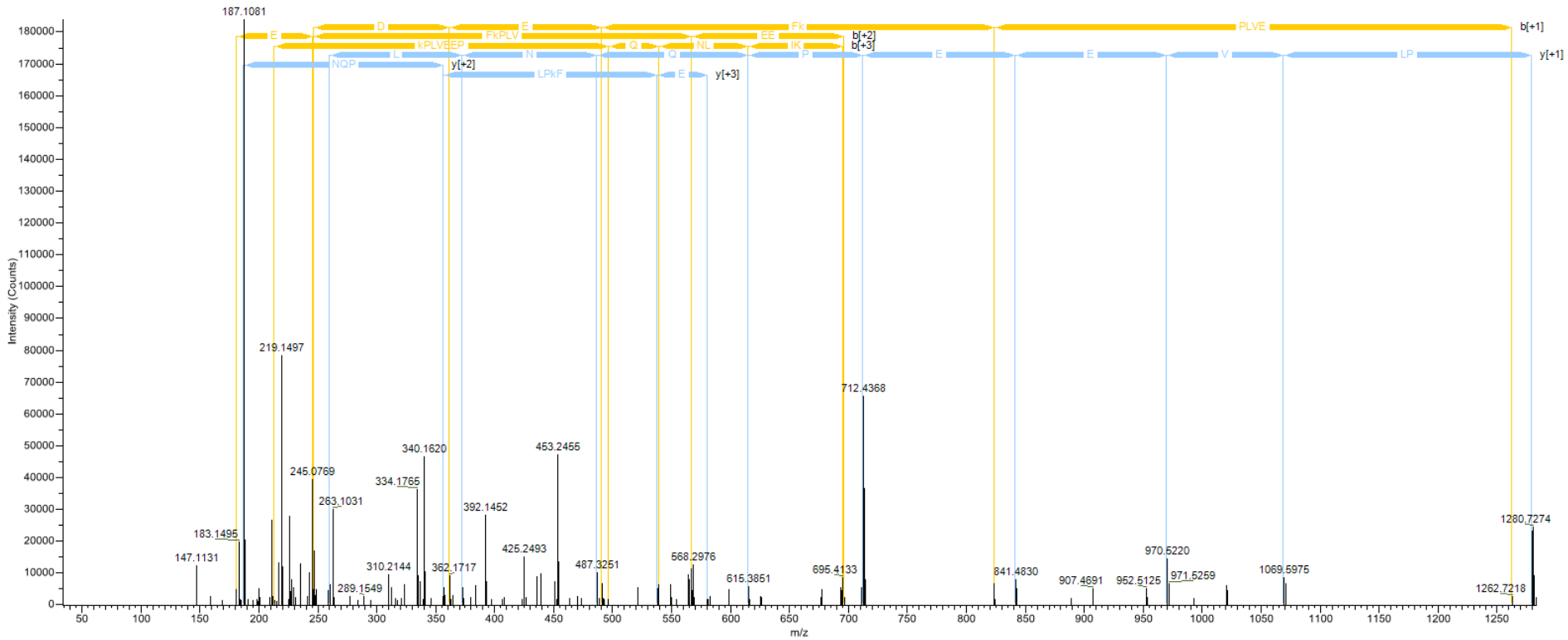
K9 Amadori

T[c]V]A]D]E]S A]E]N]c]D]k]S]L]H]T]L]F]G]D]K



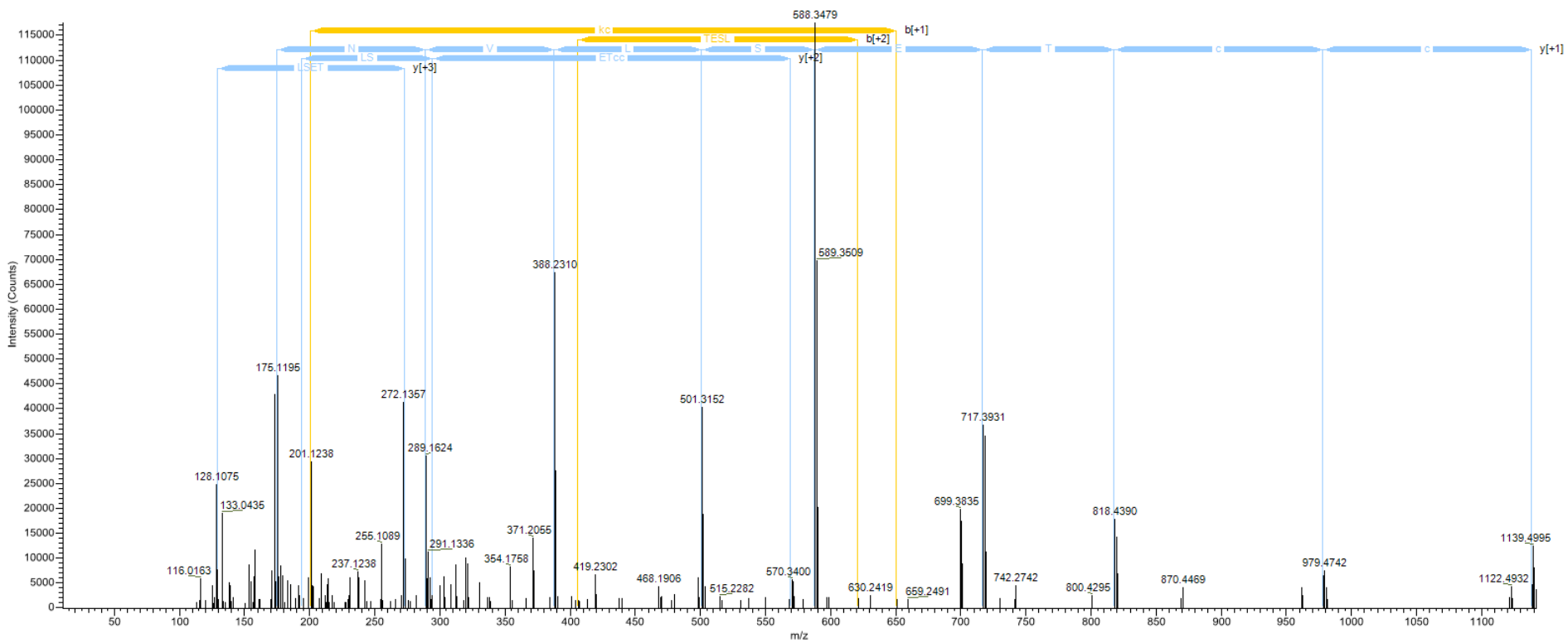
K13 Carboxymethyl

V F D E F k P L V E E P Q N L I K



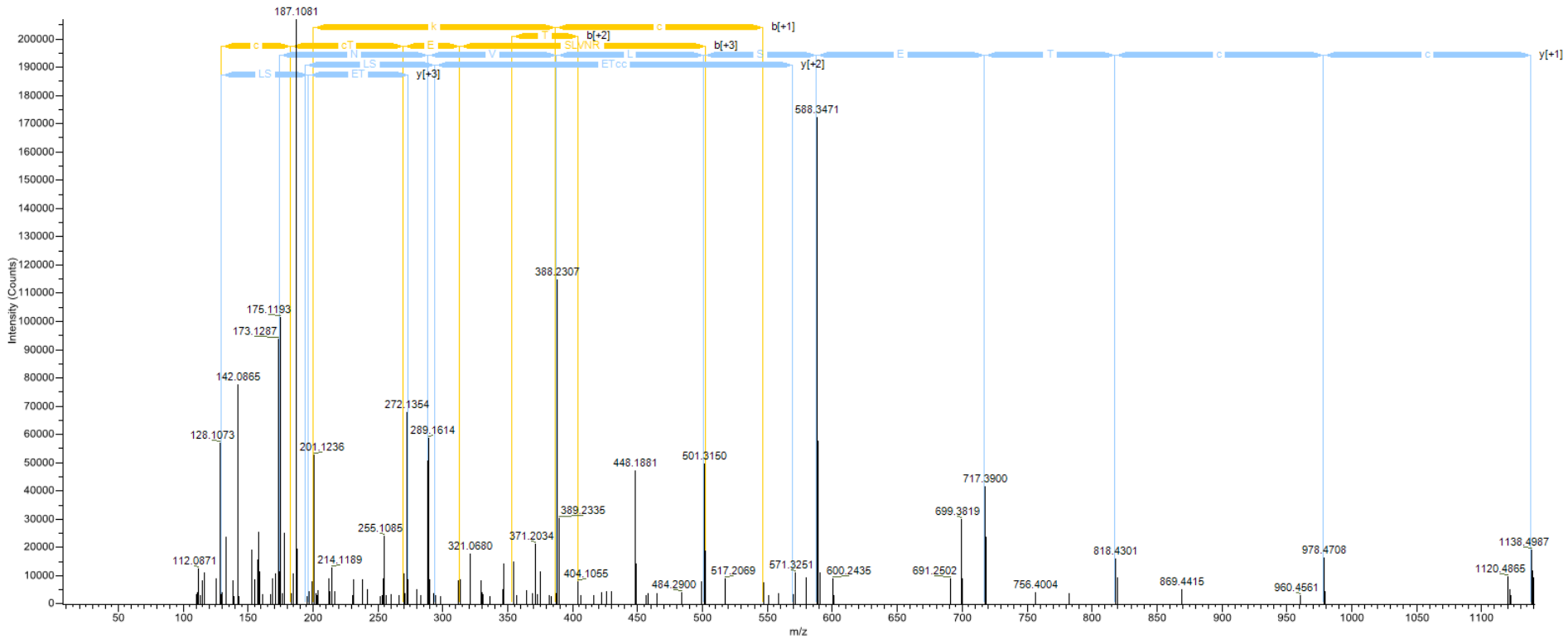
K6 Carboxymethyl

V T] k [c] c] T [E [S [L] V [N [R]



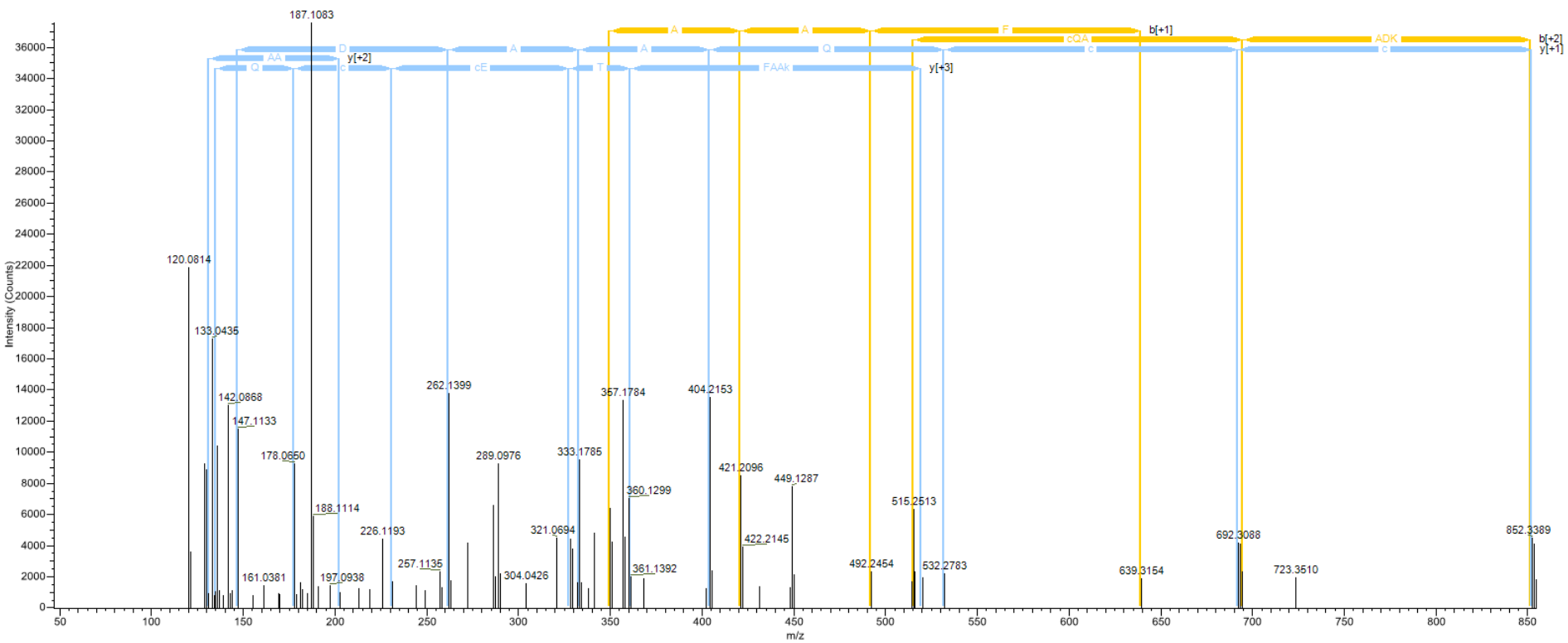
K3 Amadori

V T] k] c] c] T] E] S] L] V] N] R]



K3 Carboxymethyl

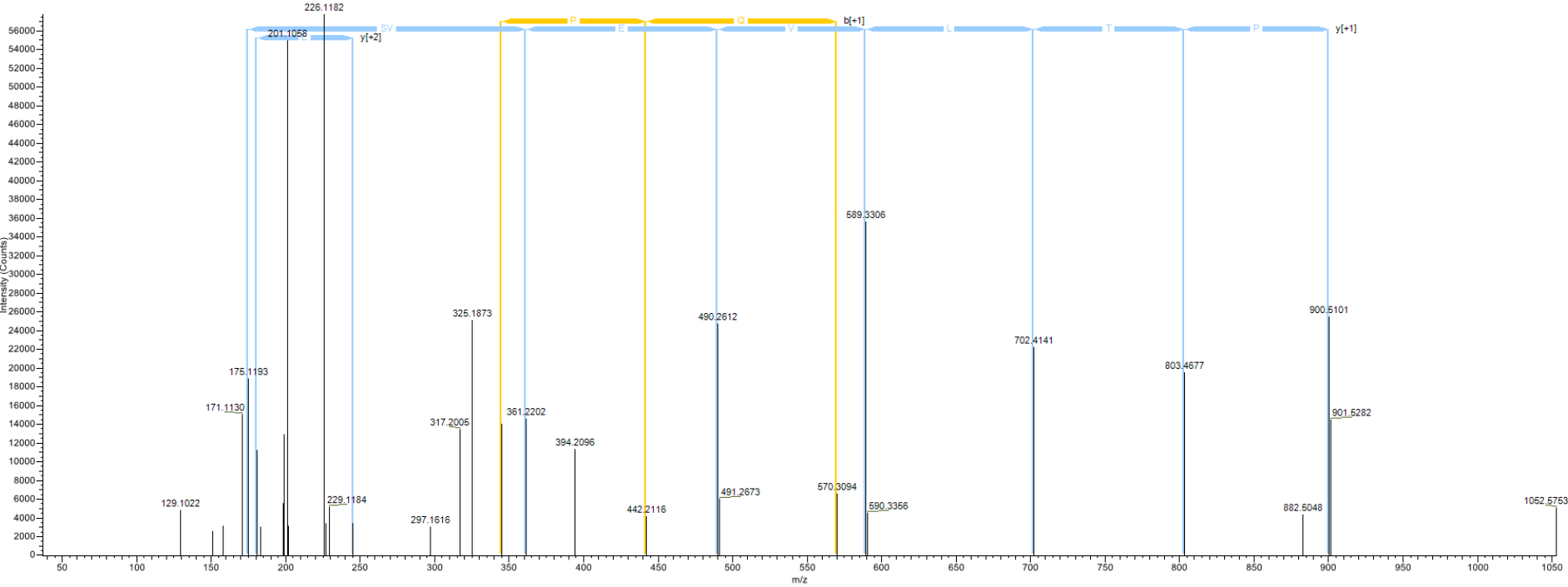
Y[k]A]A]F]T]E]c]c]Q]A]A]D]K]



K2 Carboxymethyl

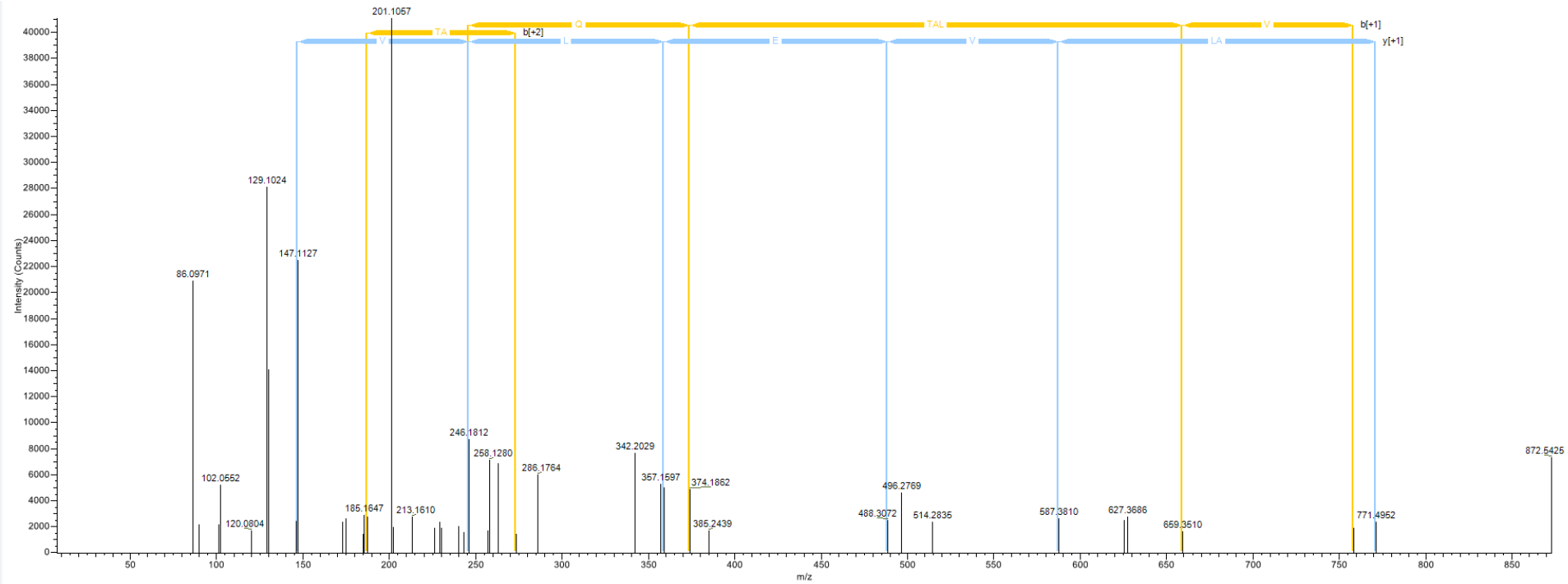
Homocysteinylated peptides

k V]P]Q]V S T[P[T[L[V[E[V S[R



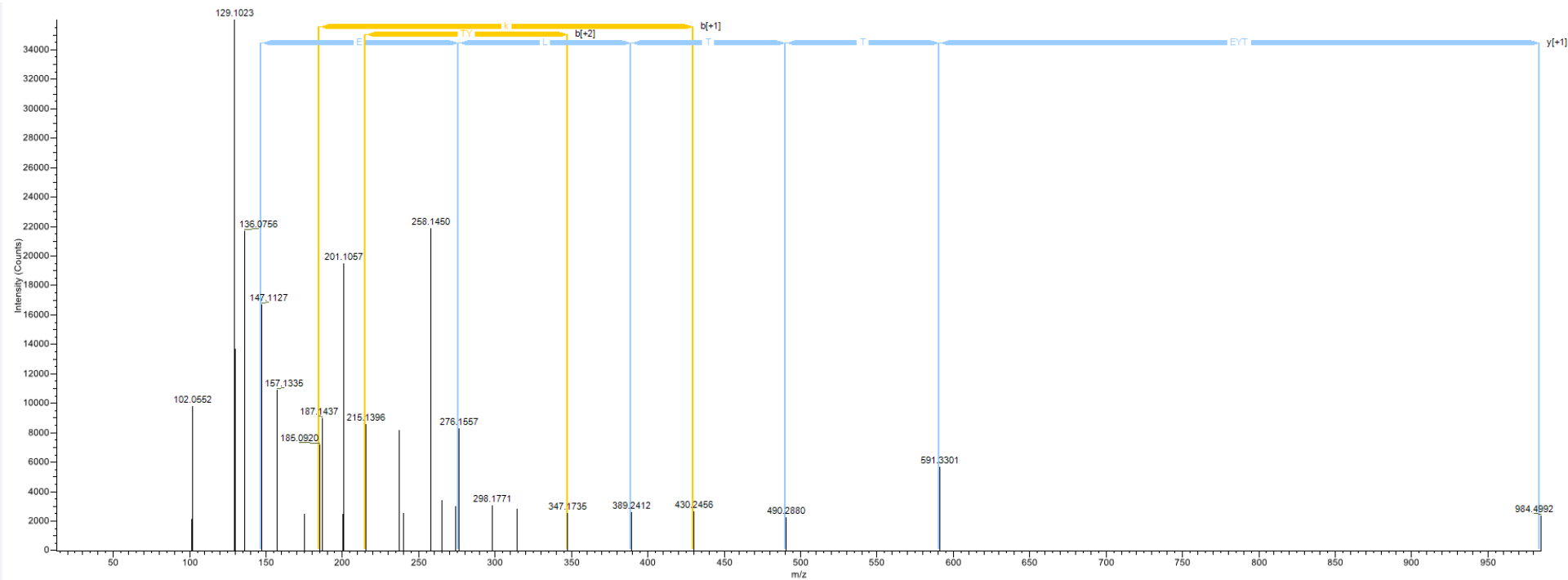
K1 Hcy-thiolactone

k] Q] T] A] L] V] E] L] V] K



K1 Hcy-thiolactone

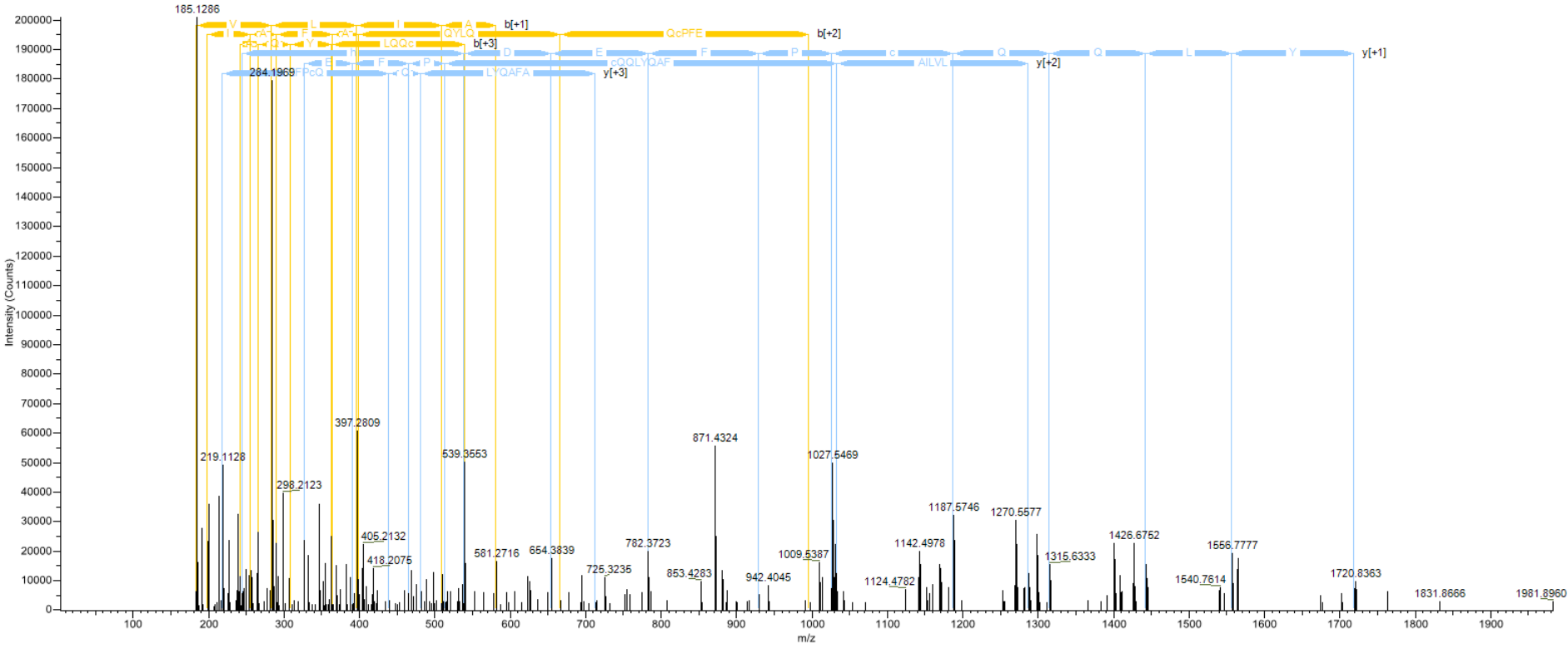
L A] k] T Y] E] T] T] L] E] K



K3 Hcy thiolactone

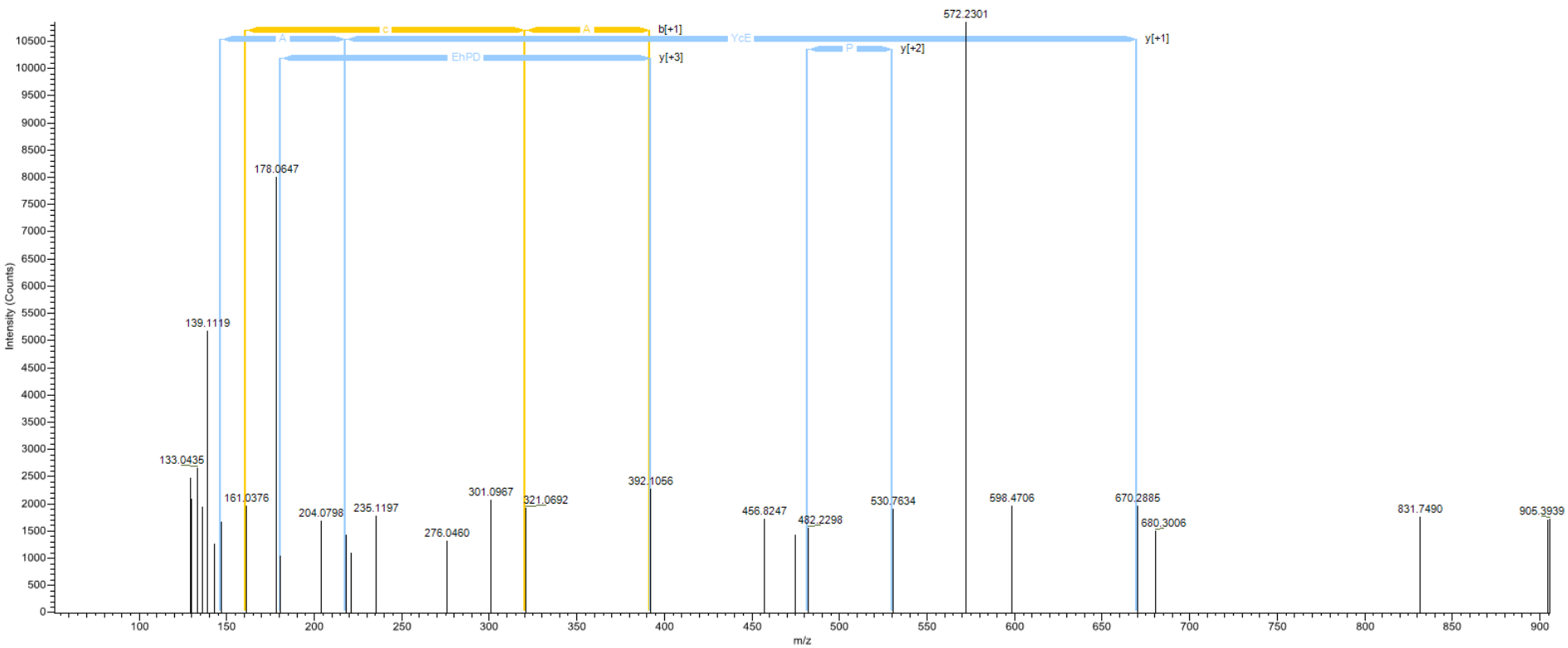
HNE modified peptides

A [L] V [L] I [A] F [A] Q [Y] L [Q] Q [c] P [F] E [D] [h] V K



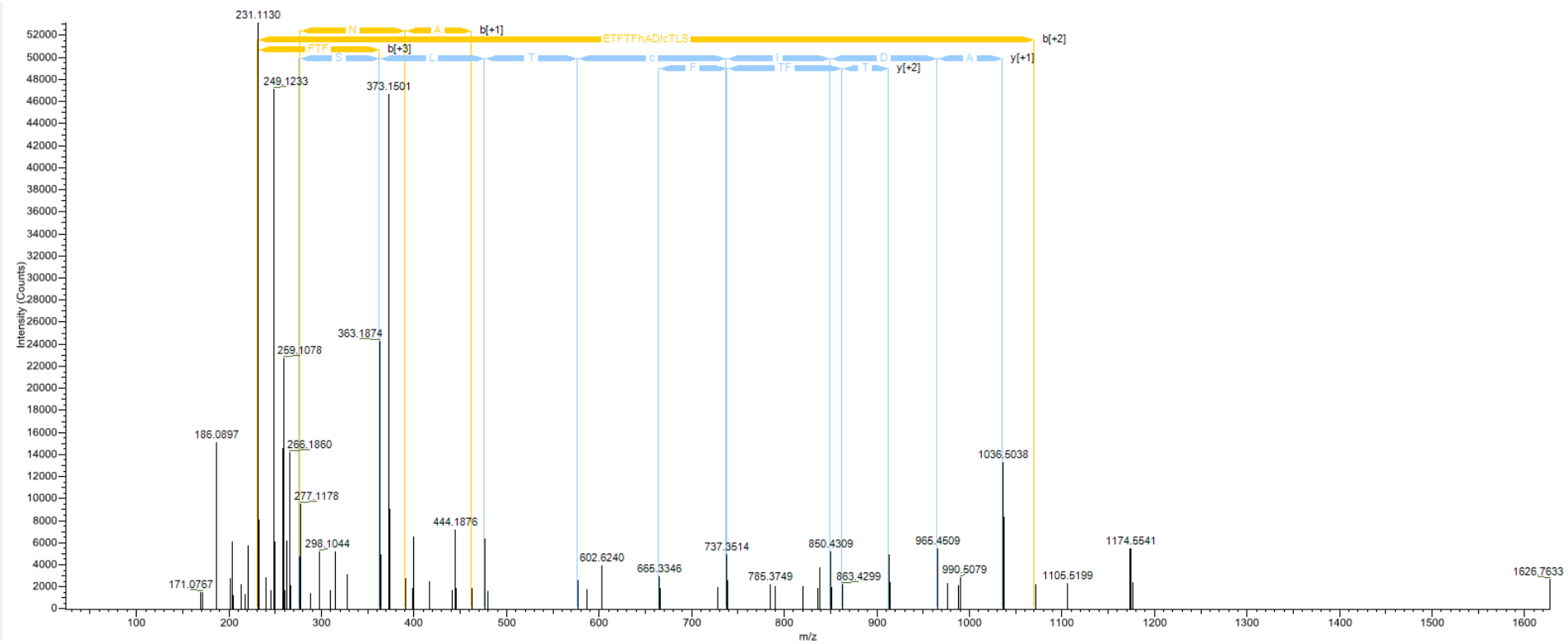
H19 HNE

c]c]A]A A[D[P[h[E]c Y[A]K



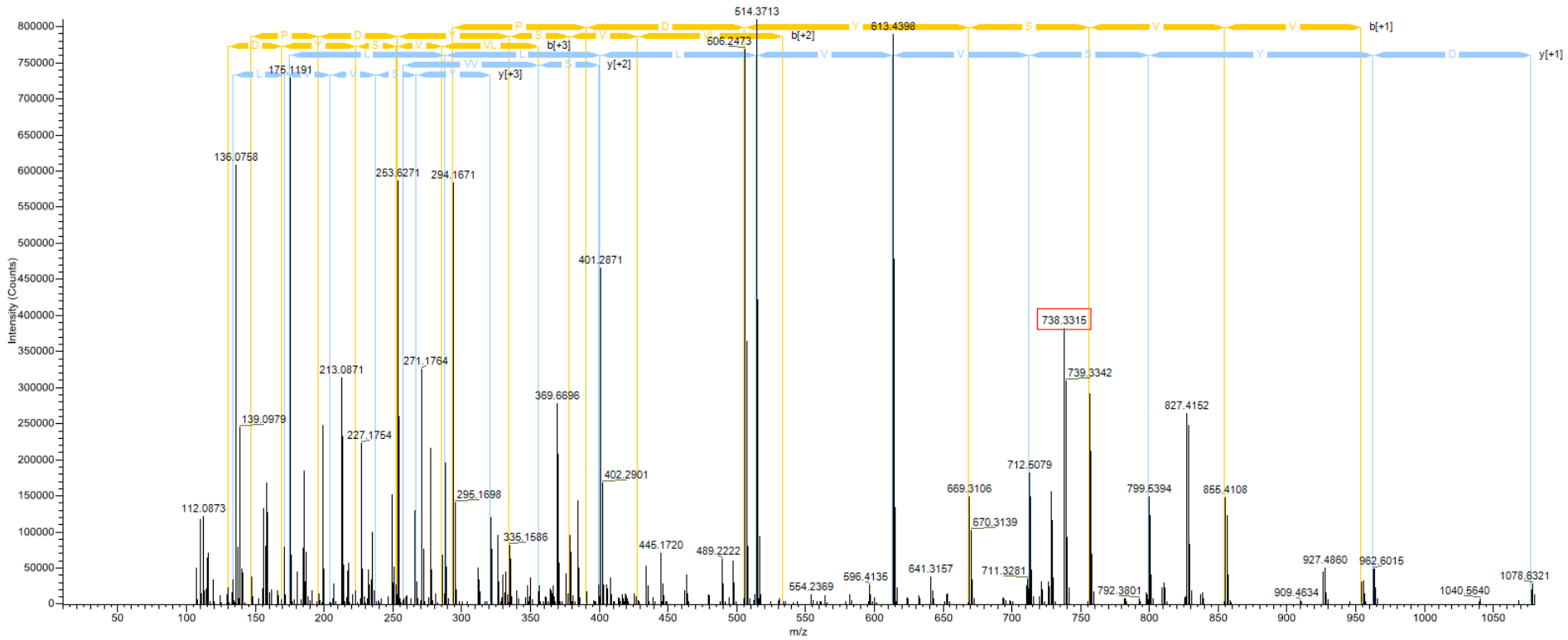
H8 HNE

E F N A E T F T F h A D I c T L S E K



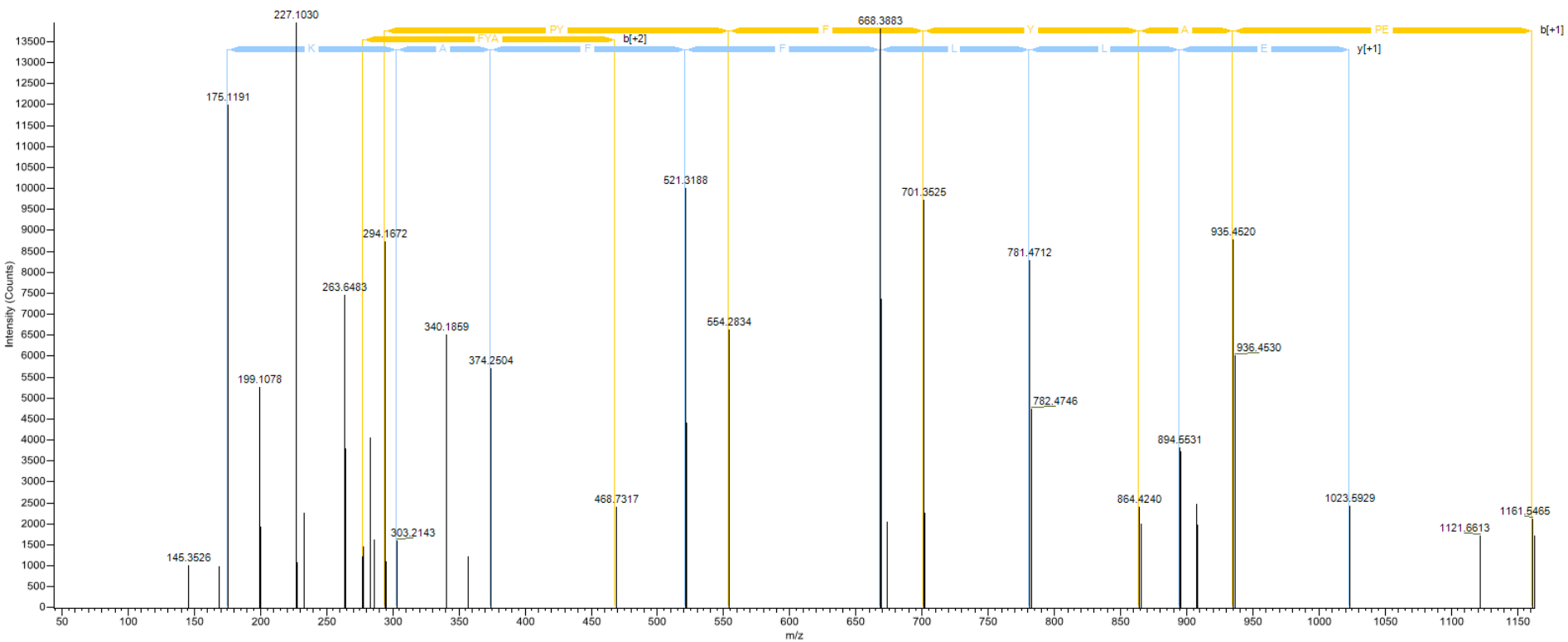
H10 HNE

h P D Y S V V L L L R



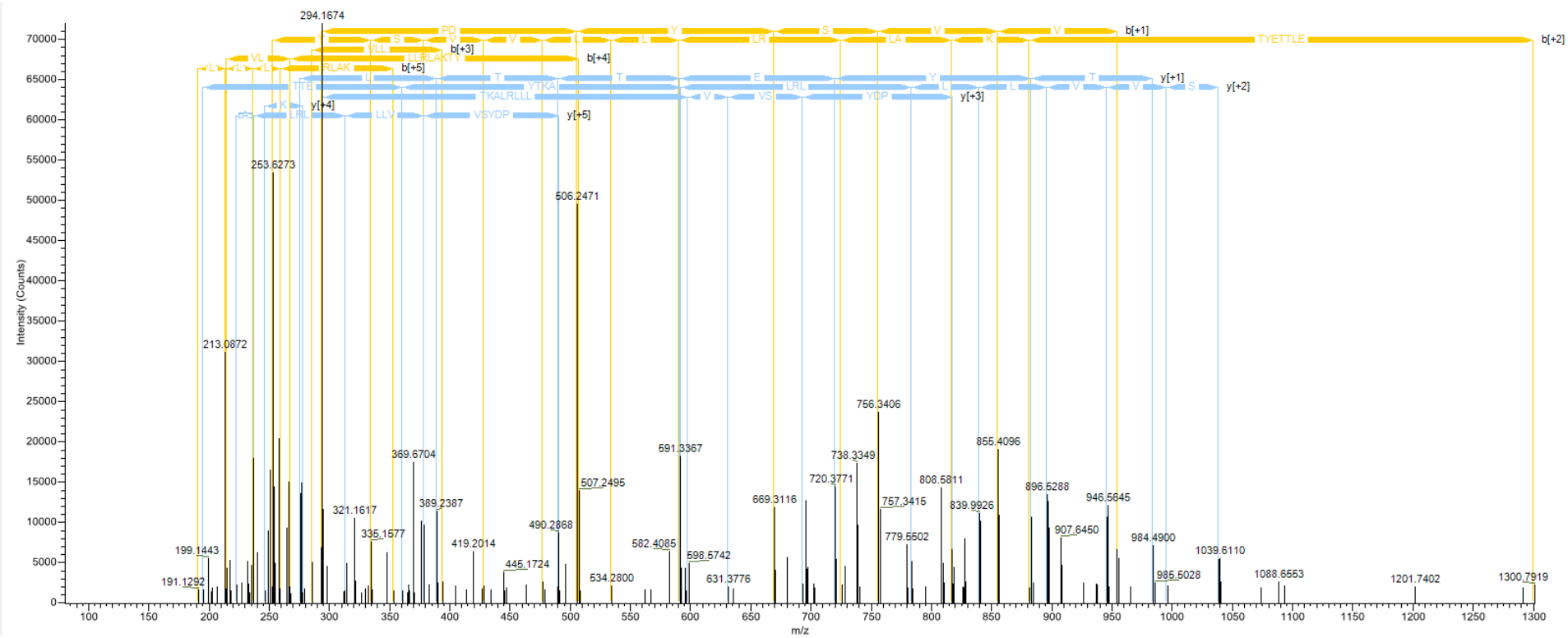
H1 HNE

h] P Y] F] Y] A] P] E] L] L] F] F] A] K] R



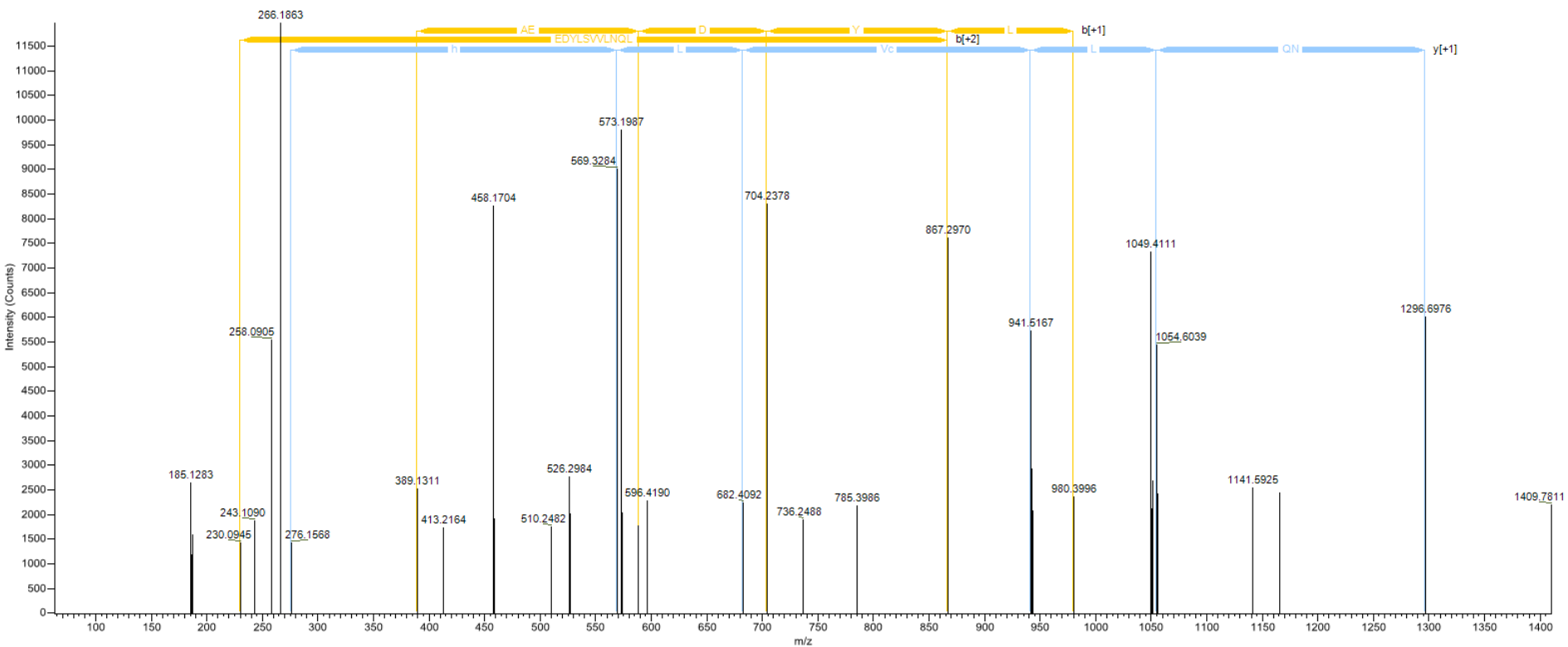
H1 HNE

h[P D]Y[S]V[V]L[L]L[R]L[A]K[T]Y[E]T[T]L[E]K



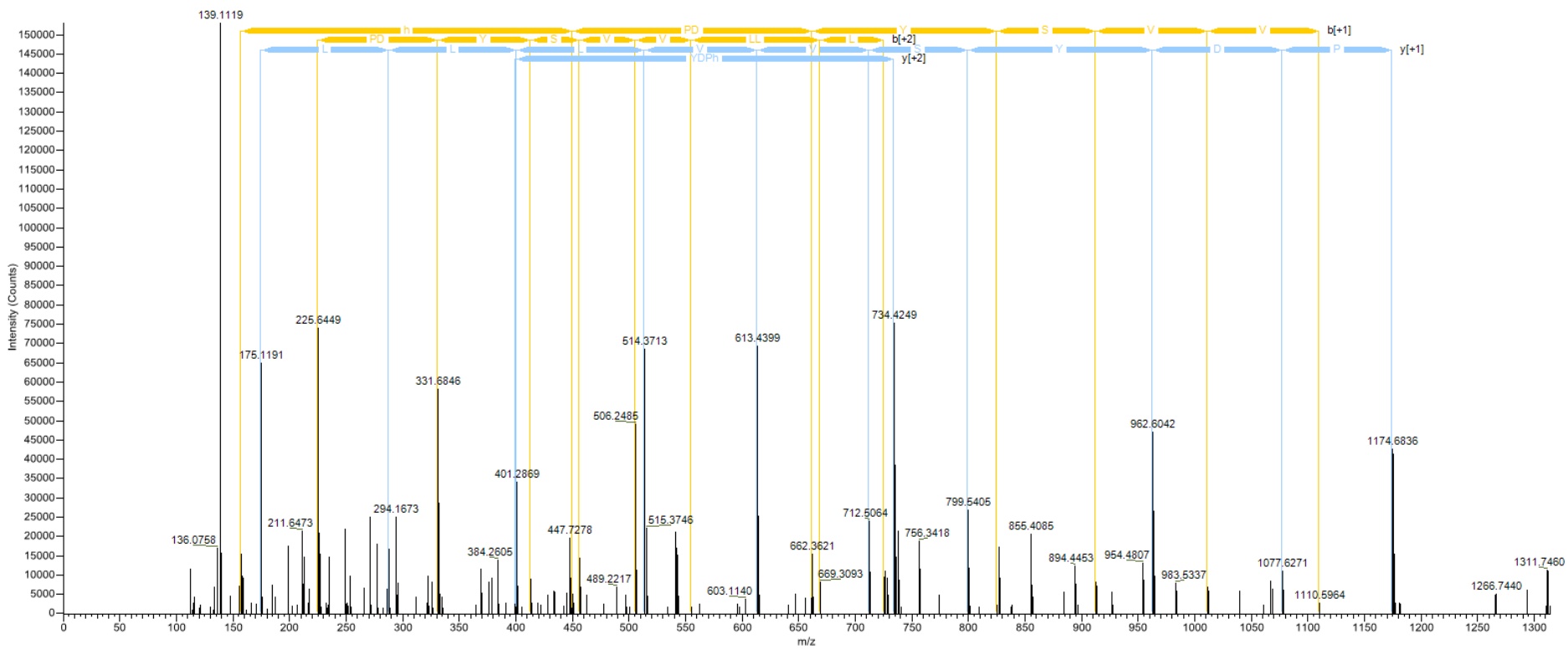
H1 HNE

M P c A E D Y L S V V L N Q L c V L h E K



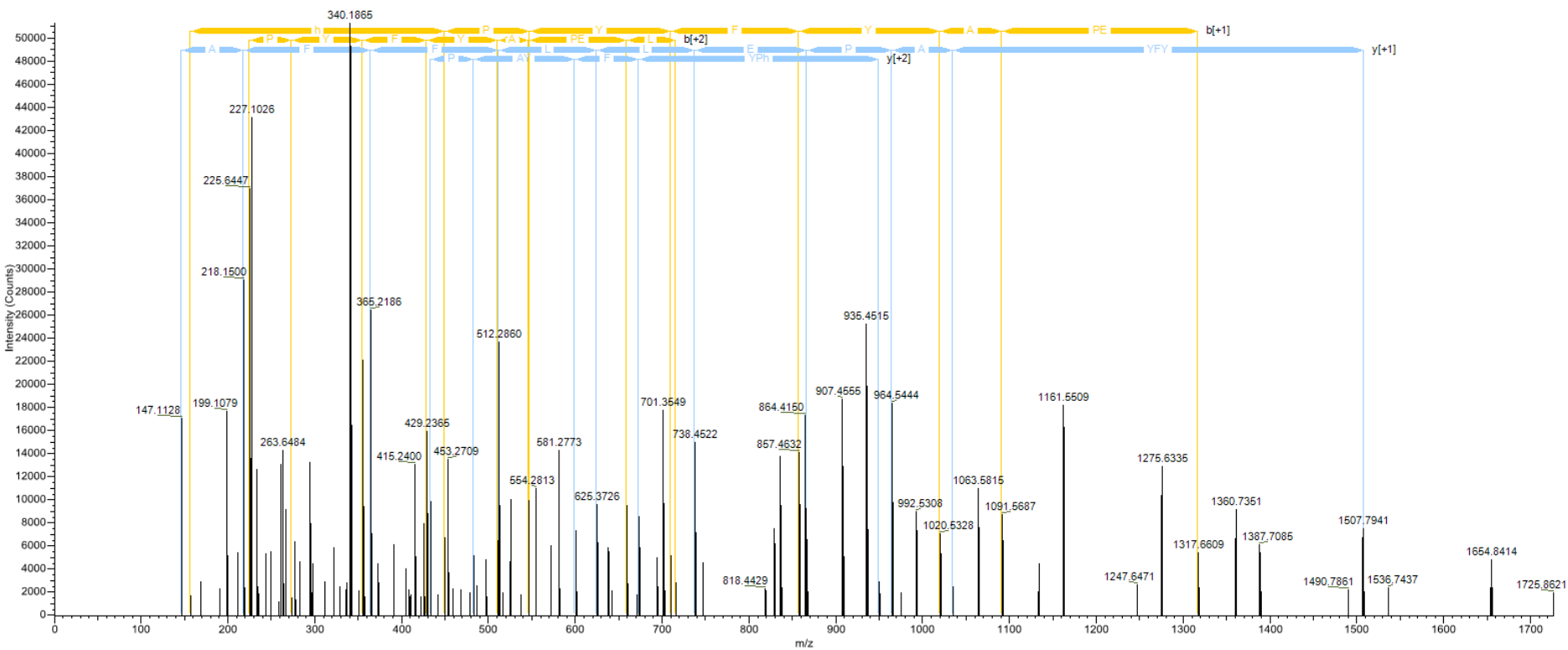
H19 HNE

R[h]P[D]Y[S]V[V]L[L]L[R]



H2 HNE

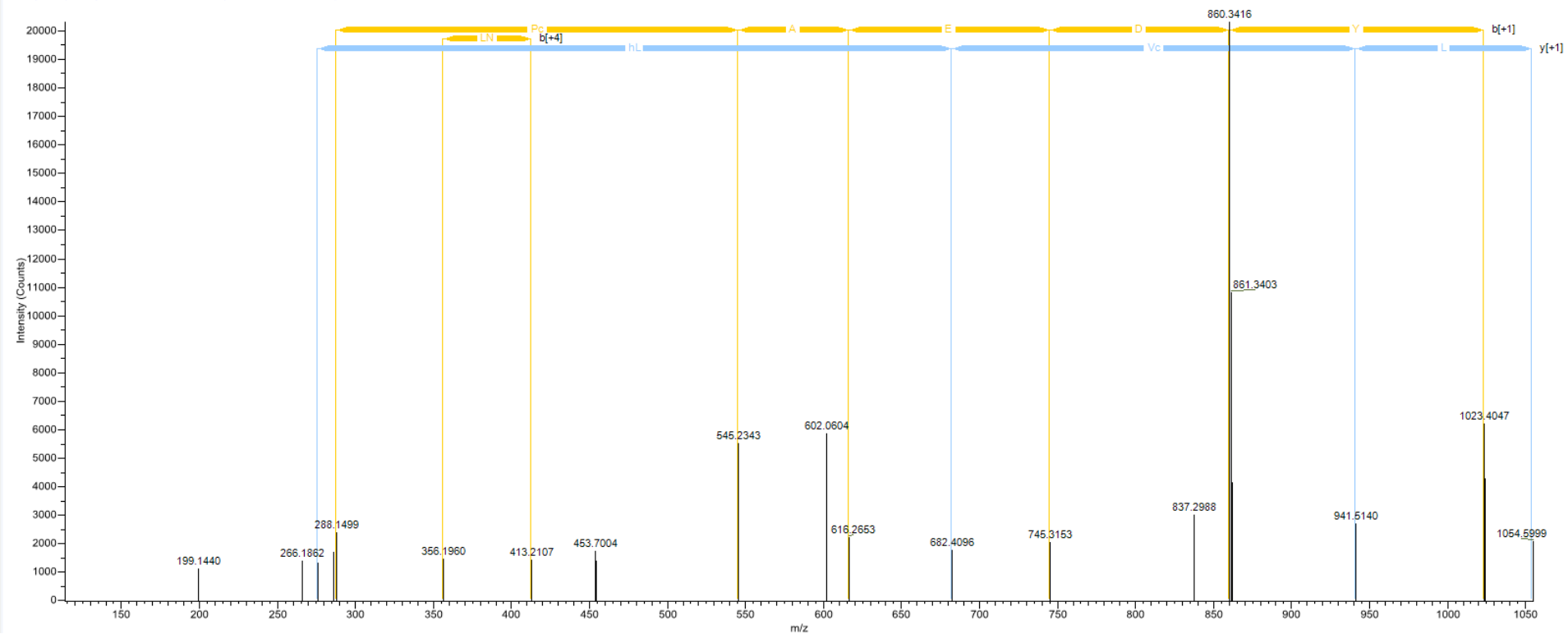
R[h]P[Y]F[Y]A[P]E[L]L[F]F[A]K



H2 HNE

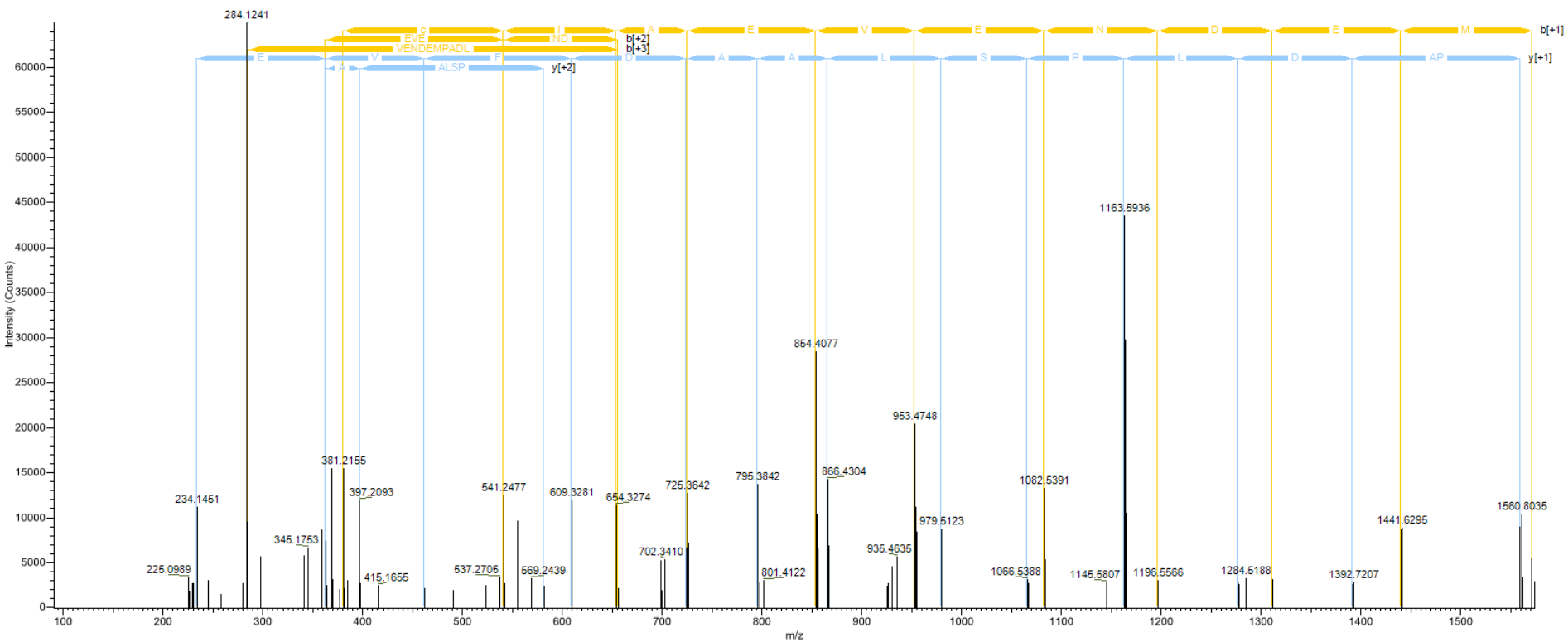
R M] P c] A] E] D] Y] L S V V] L N] Q] L] c V] L h] E K

Extracted from: G:\HRMS DATA 2014\REE-SHAIC-HSA-5mM-1.raw #12282 RT: 36.80
FTMS, HCD, z=+4, Mono m/z=708.36304 Da, MH+=2830.43032 Da, Match Tol.=0.6 Da



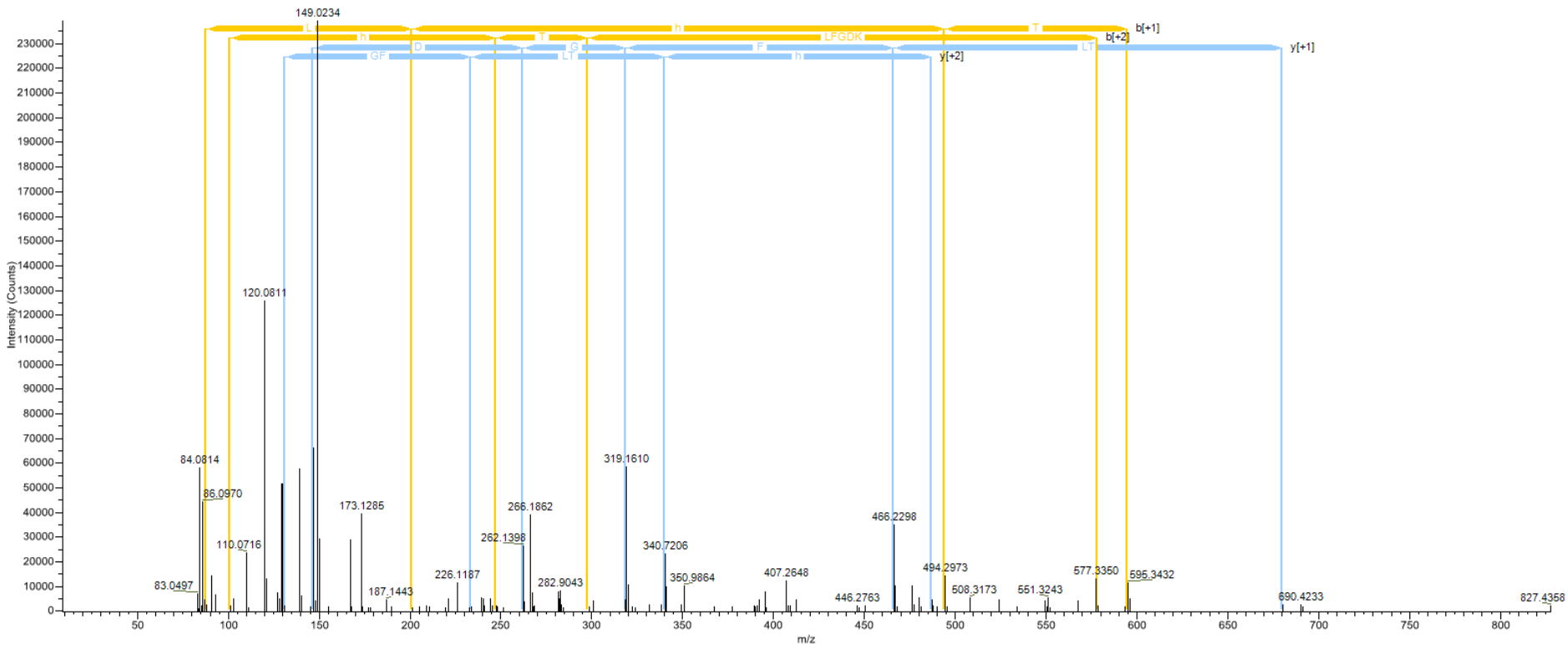
H2O HNE

S h c l A E V E N D E M P A D L P S L A A D F V E S K



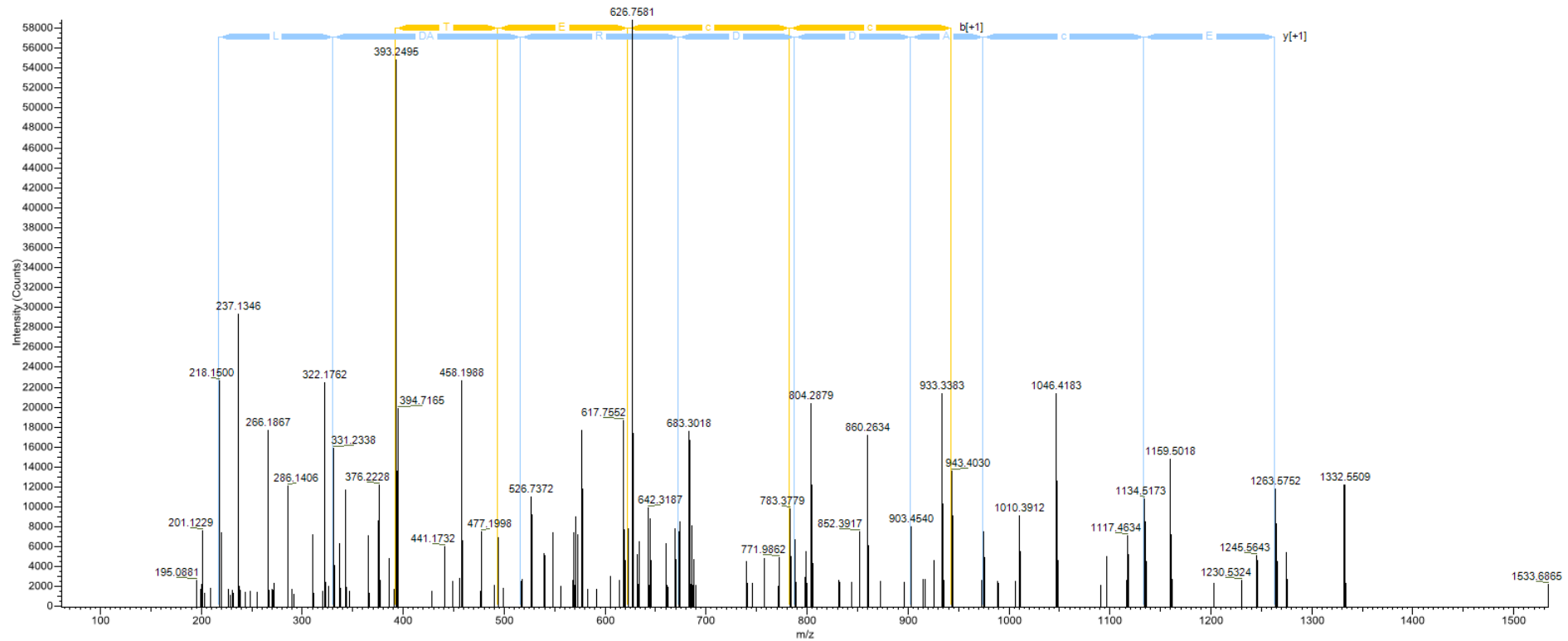
H2 HNE

S]L]h]T]L]F]G]D]K]



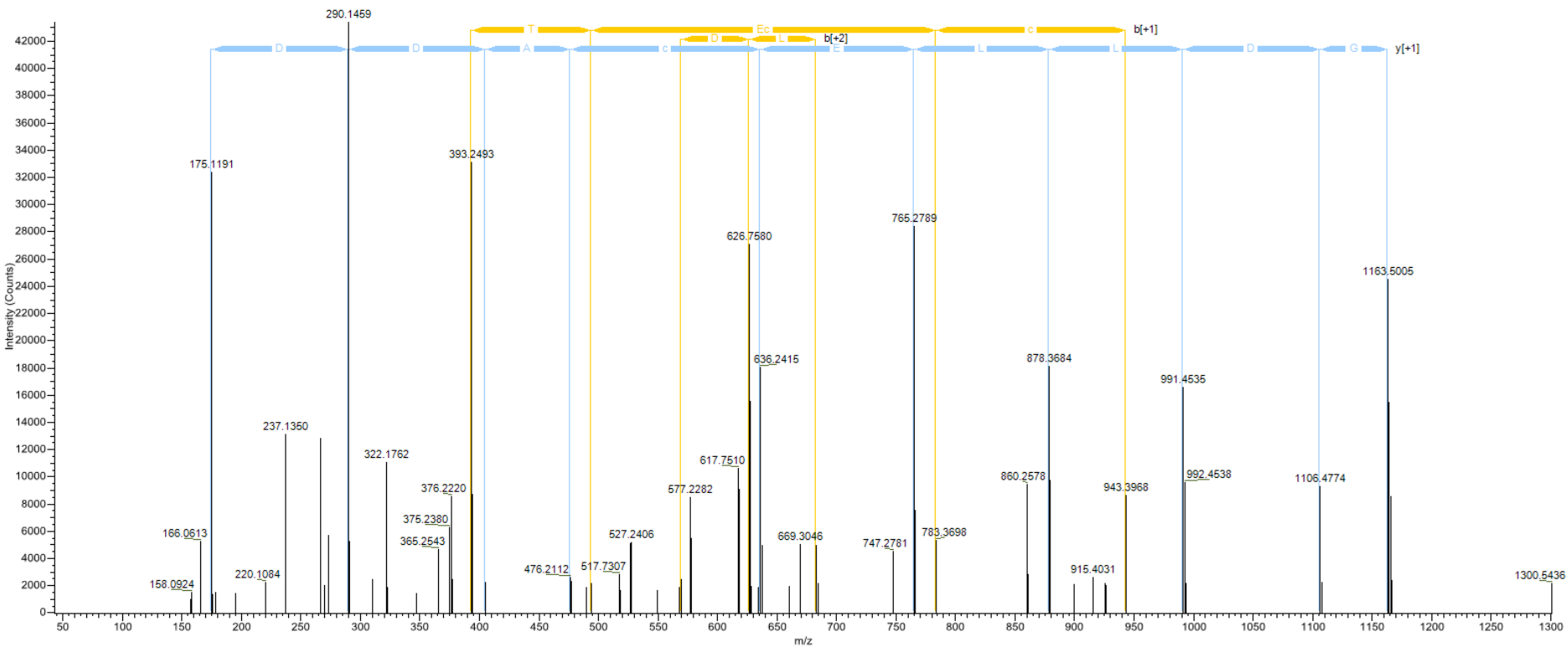
H3 HNE

V h T E c c H G D L L E c A D D R A D L A K



H2 HNE

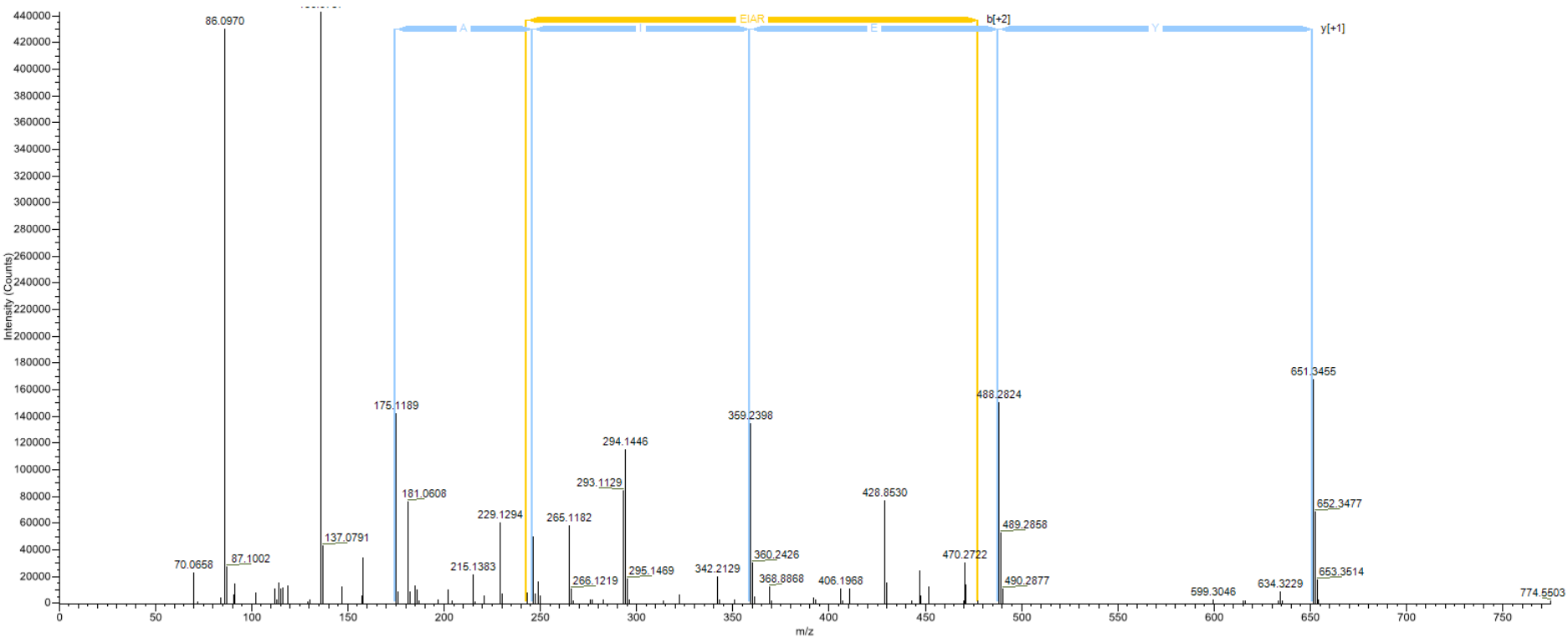
V h T E c c H G D L L E c A D D R



H2 HNE

Nitrated Peptides

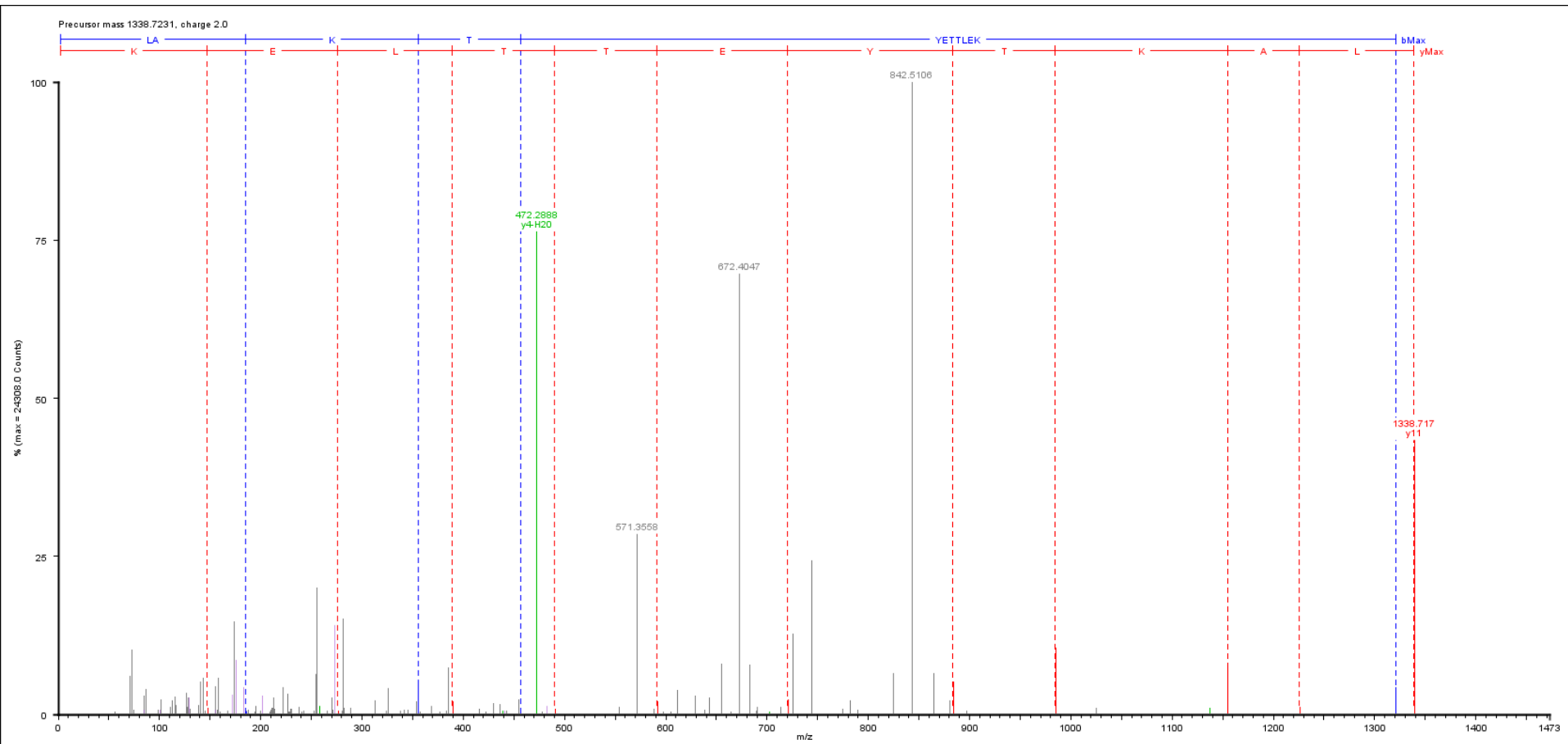
y L Y E I A R



Y1 Nitro

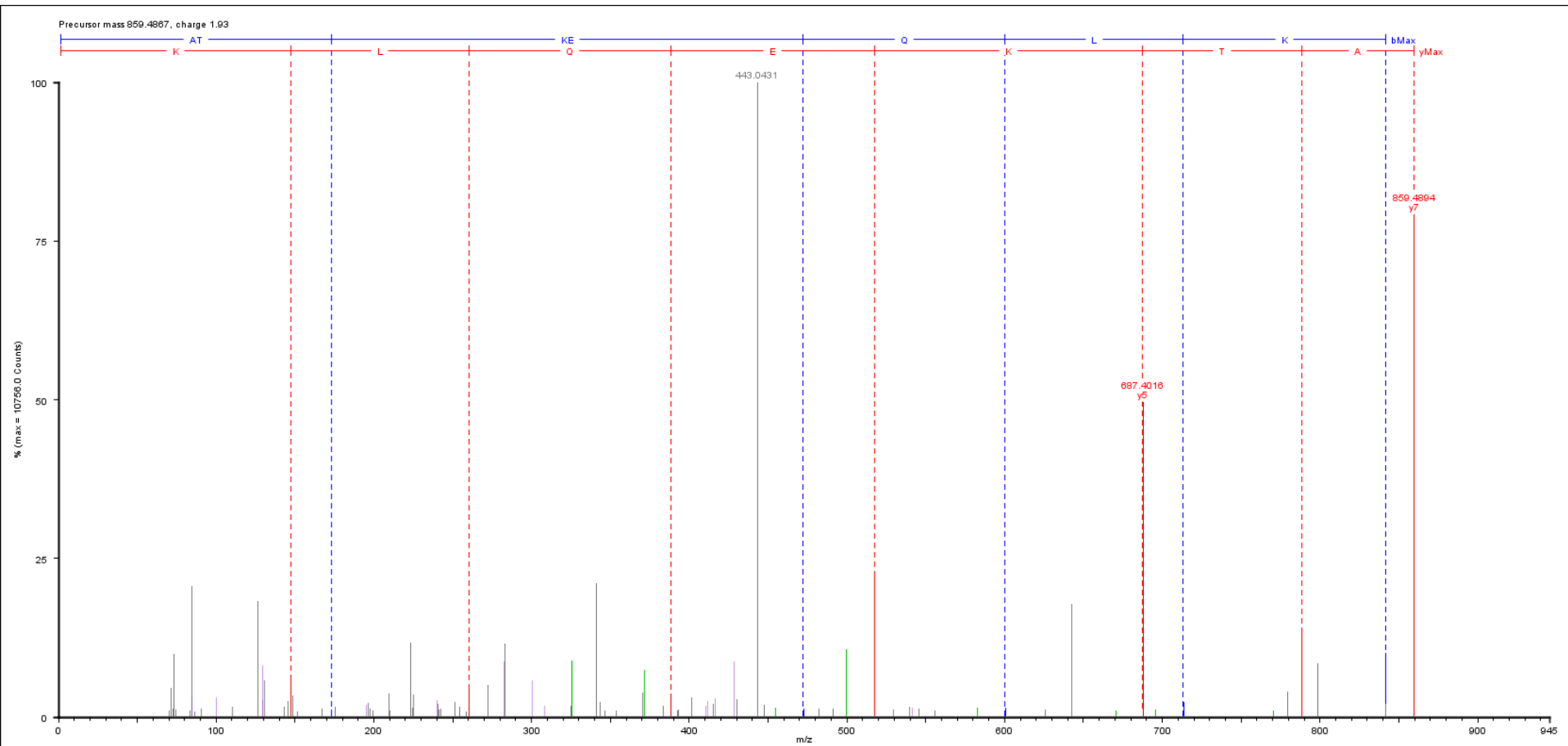
Acetylated Peptides

LAK*TYETTLEK



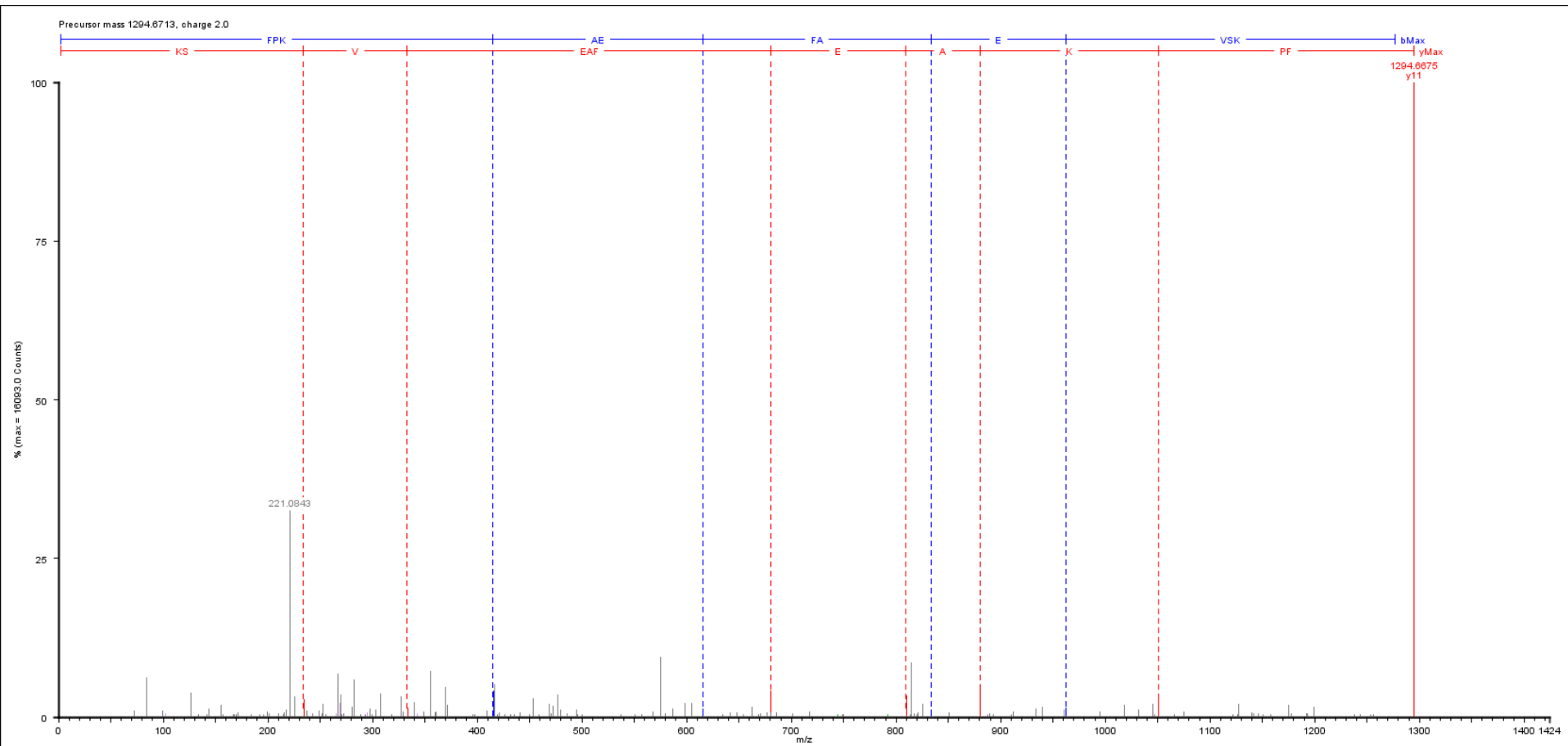
K3 Acetyl

ATK*EQLK



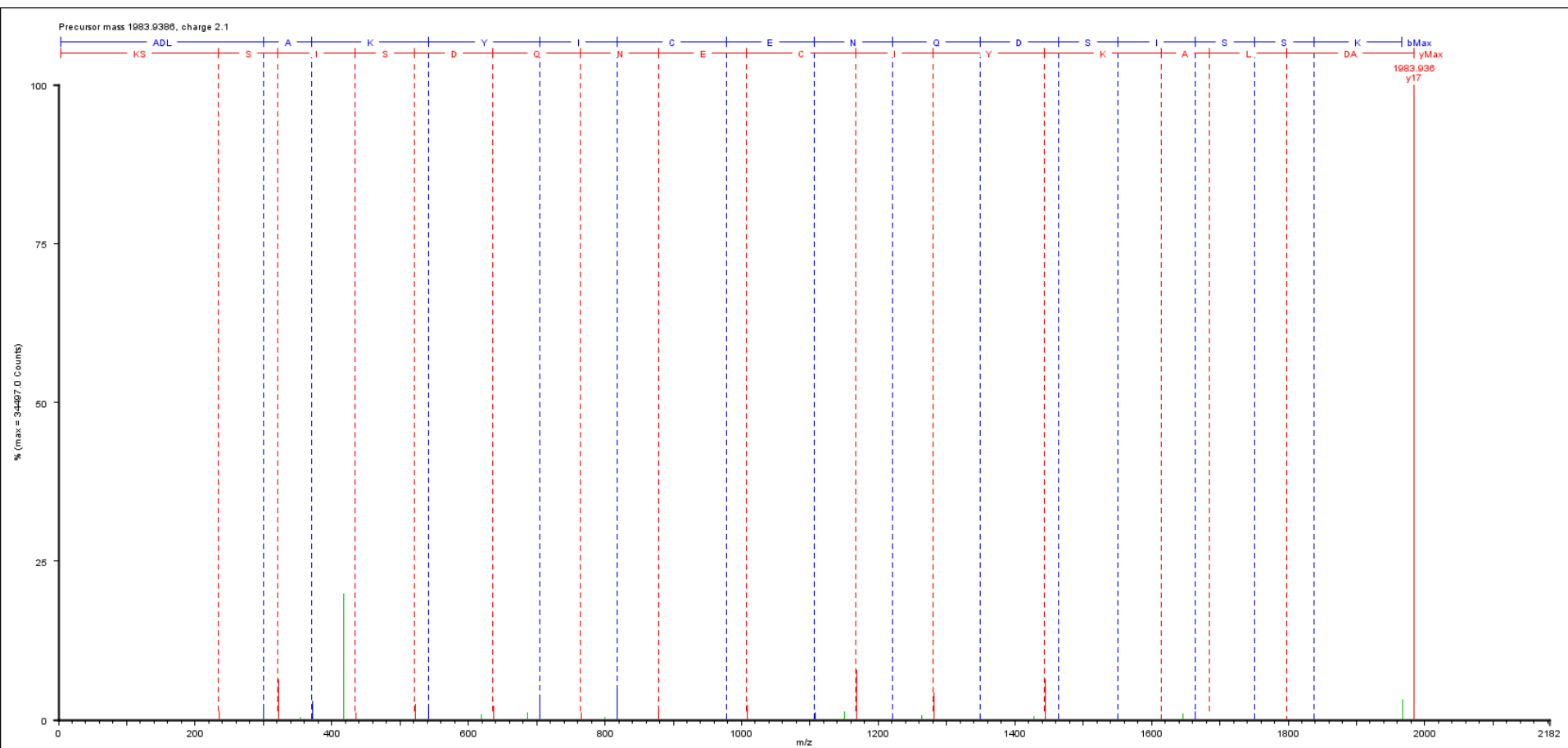
K3 Acetyl

FPK*AEFAEVSK



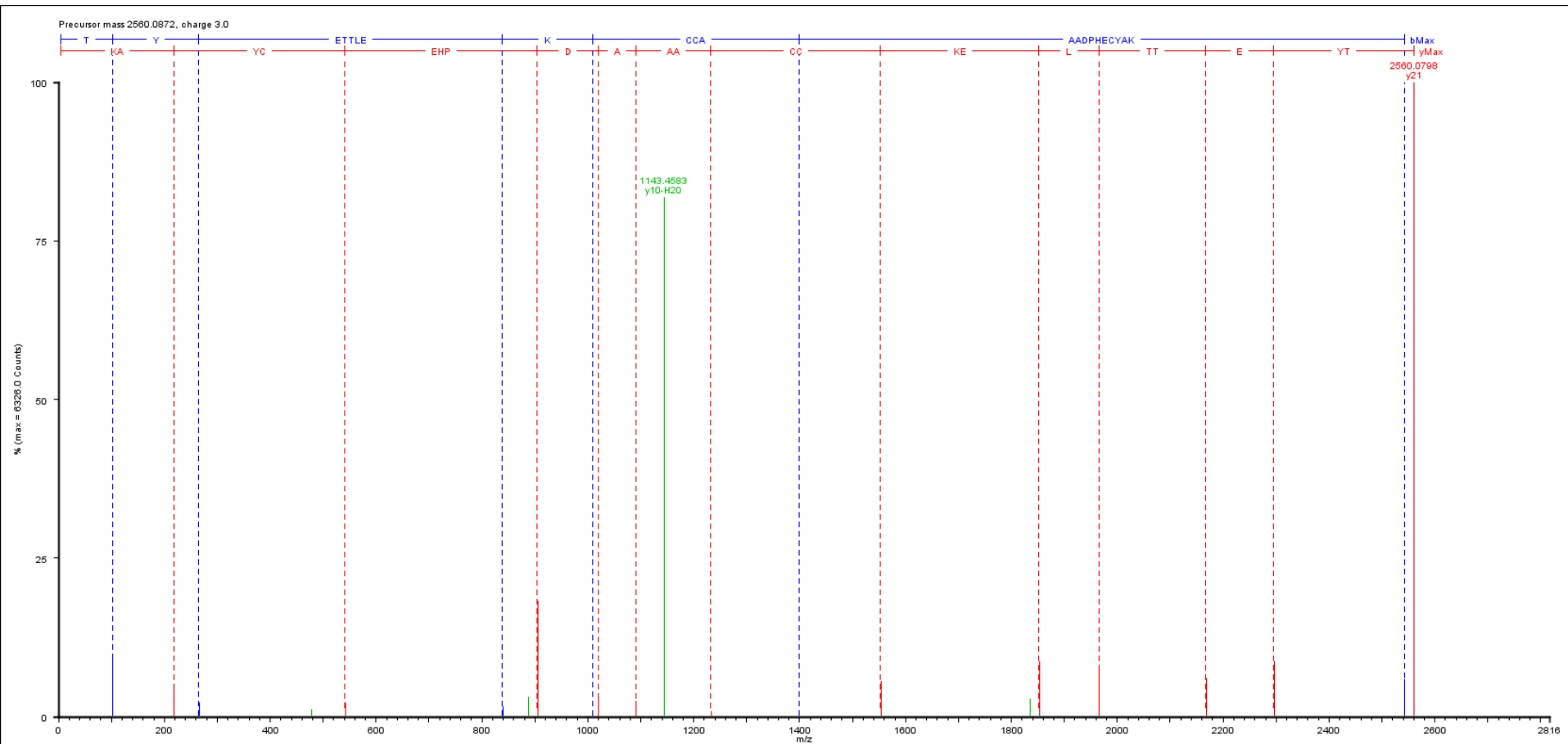
K3 Acetyl

ADLAK*YICENQDSISSK



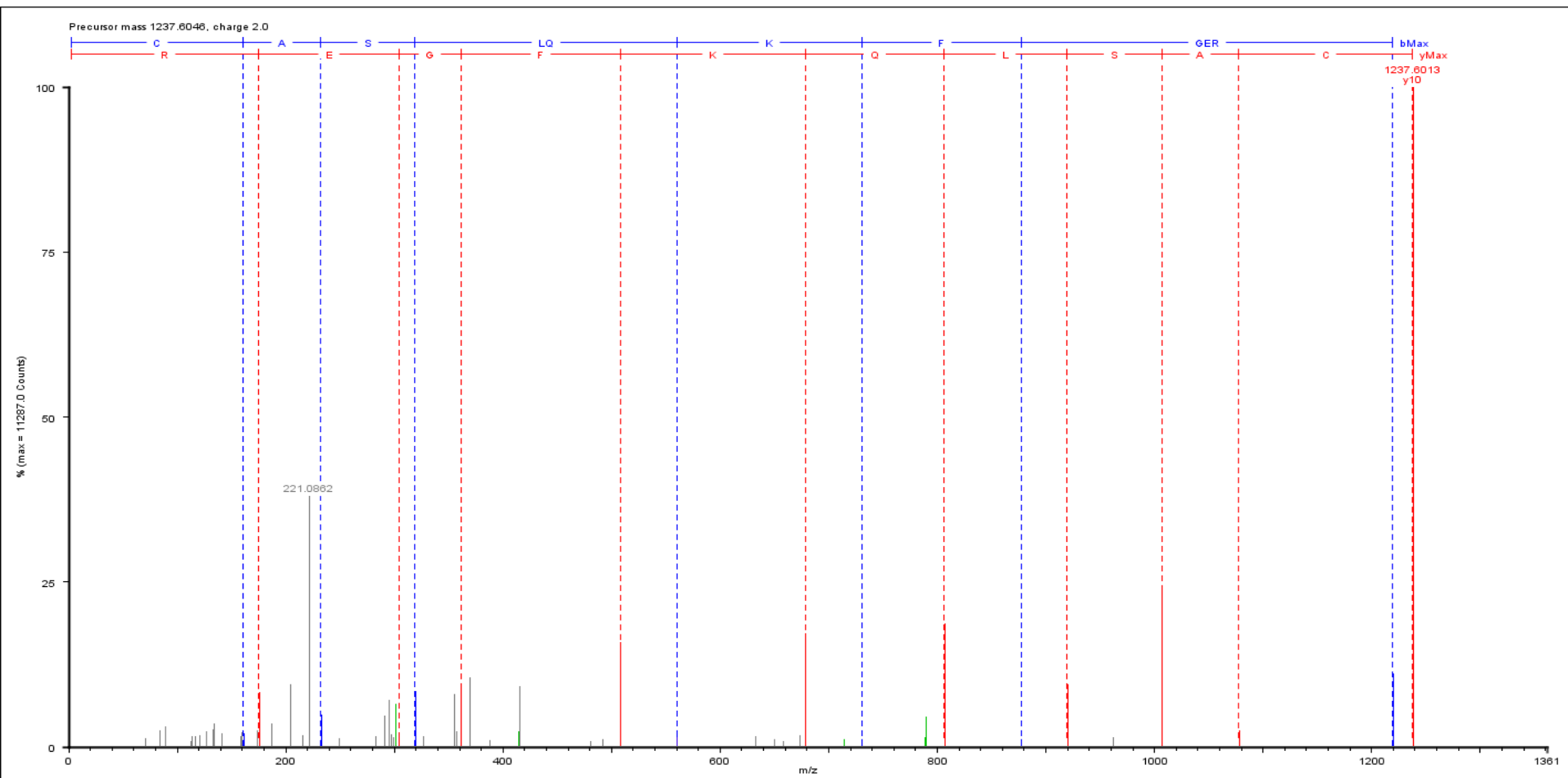
K5 Acetyl

TYETTLK*CCAAADPHECYAK



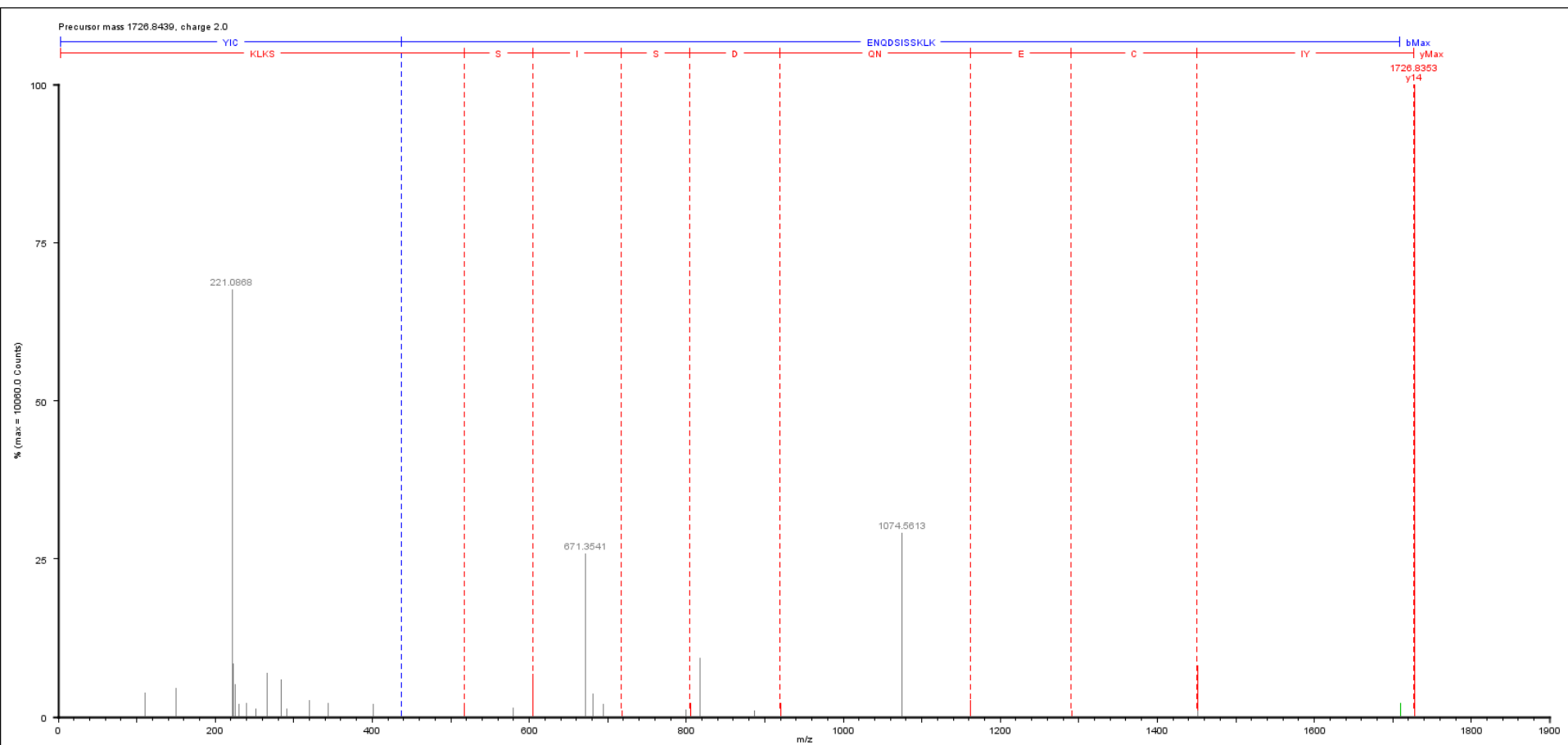
K8 Acetyl

CASLQK*FGER



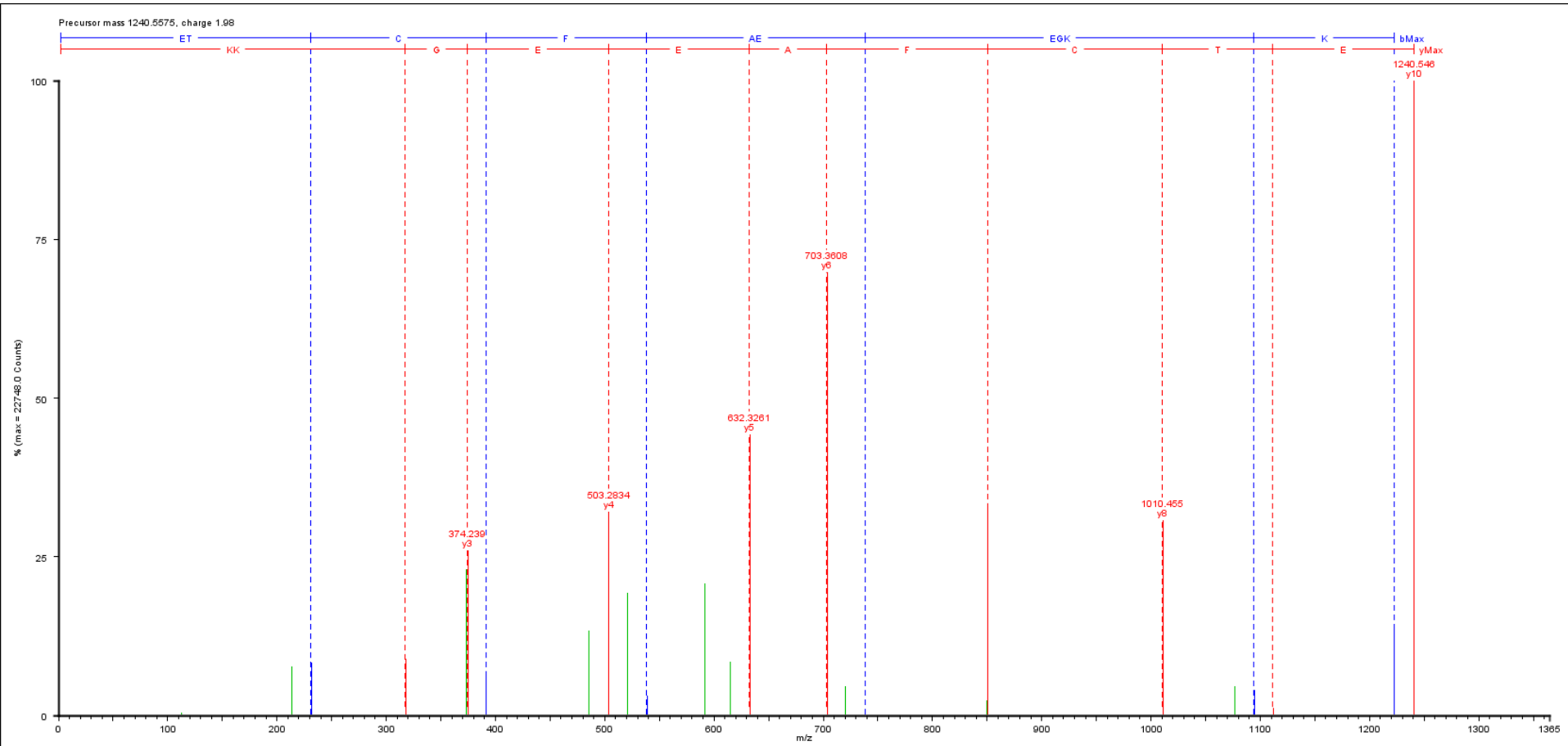
K6 Acetyl

YICENQDSISSK*LK



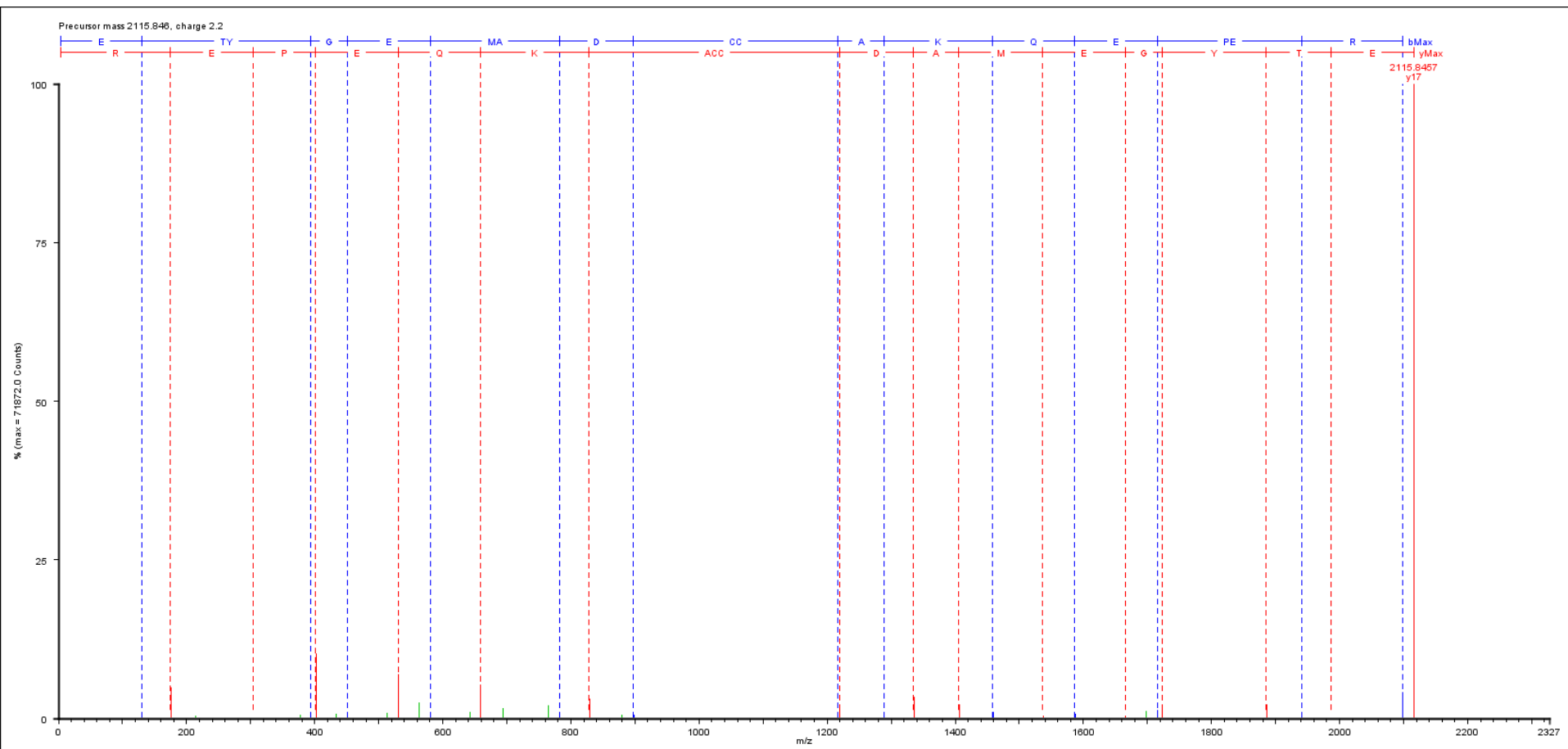
K12 Acetyl

ETCFAEEGK*K



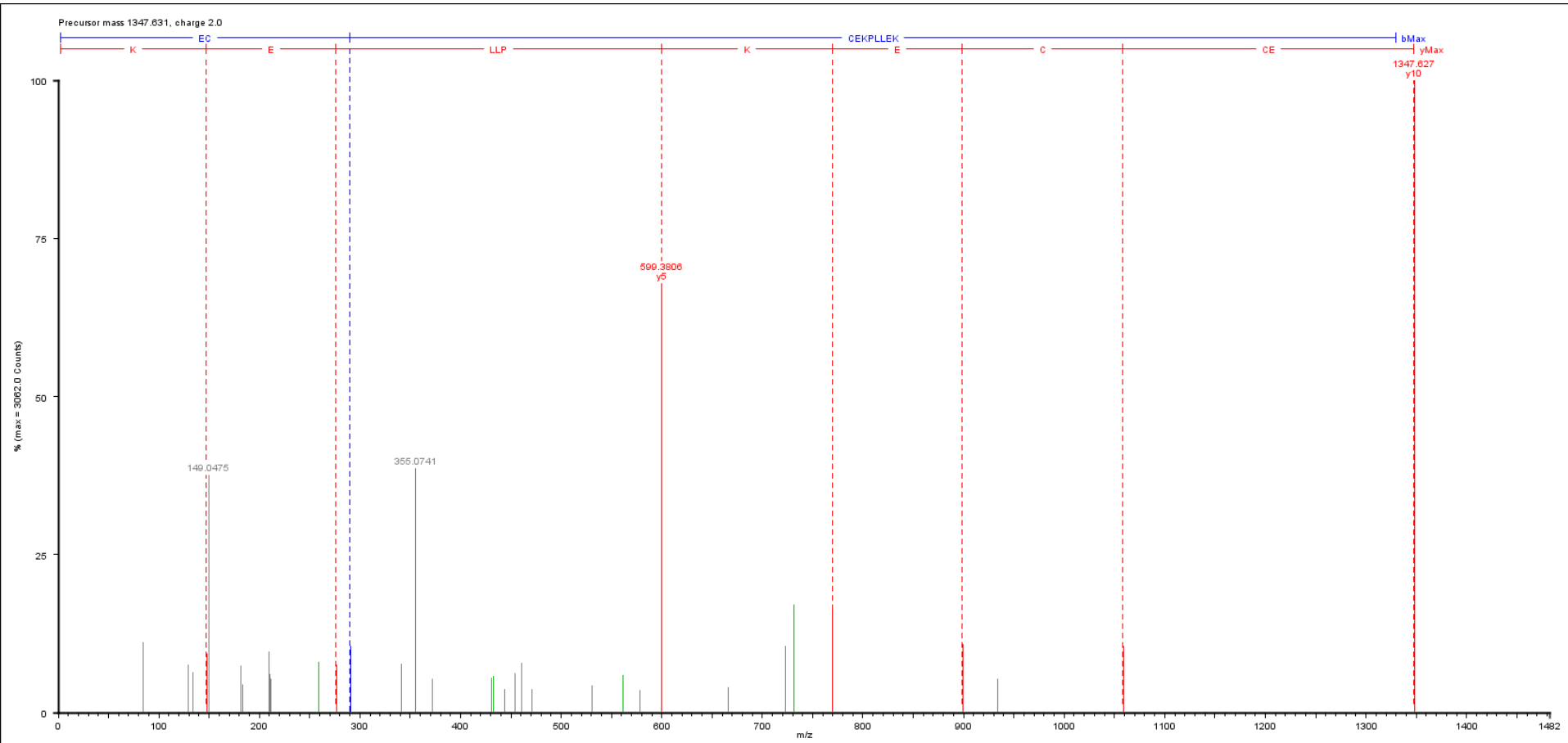
K5 Acetyl

ETYGEMADCCA*K*QEPER



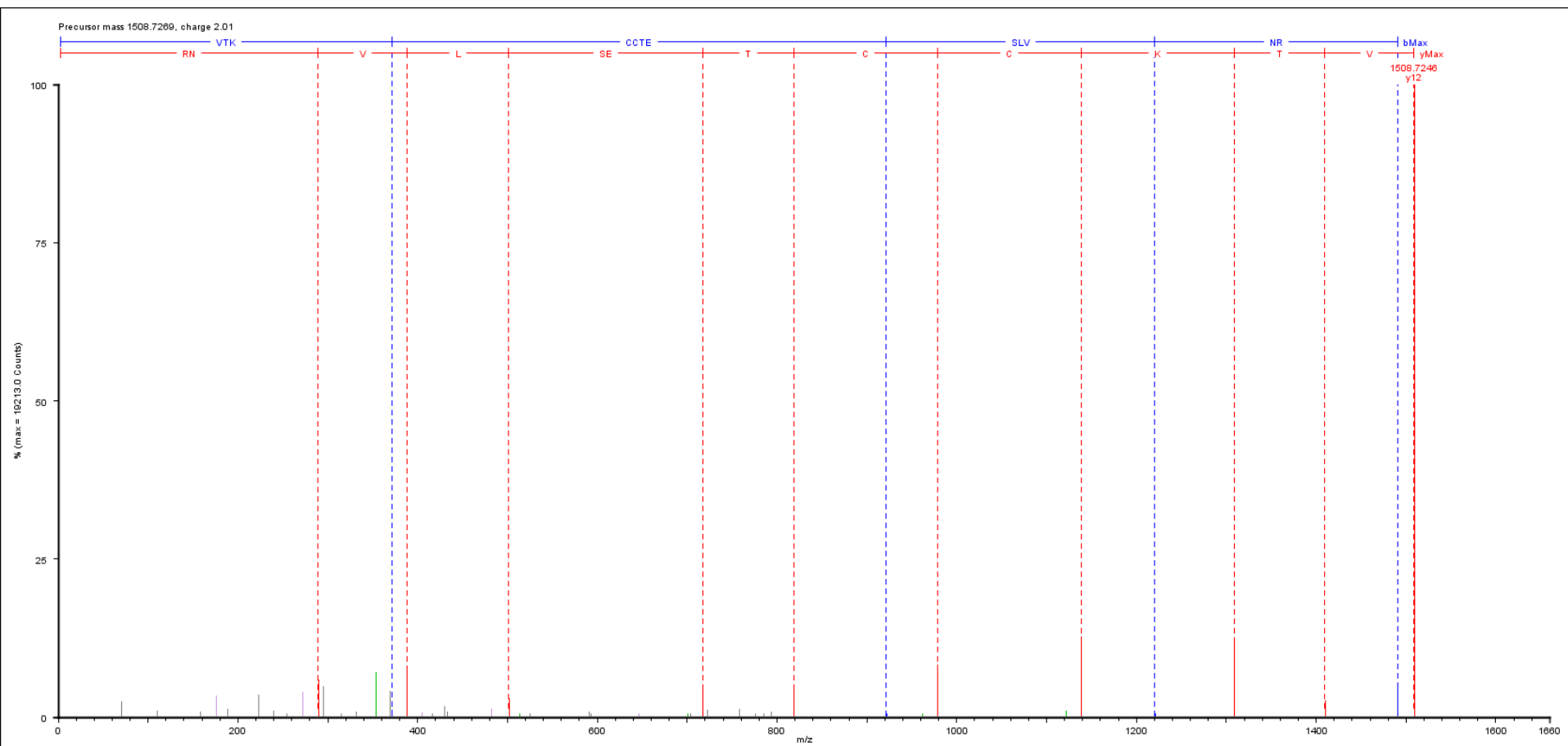
K12 Acetyl

ECCEK*PLLEK



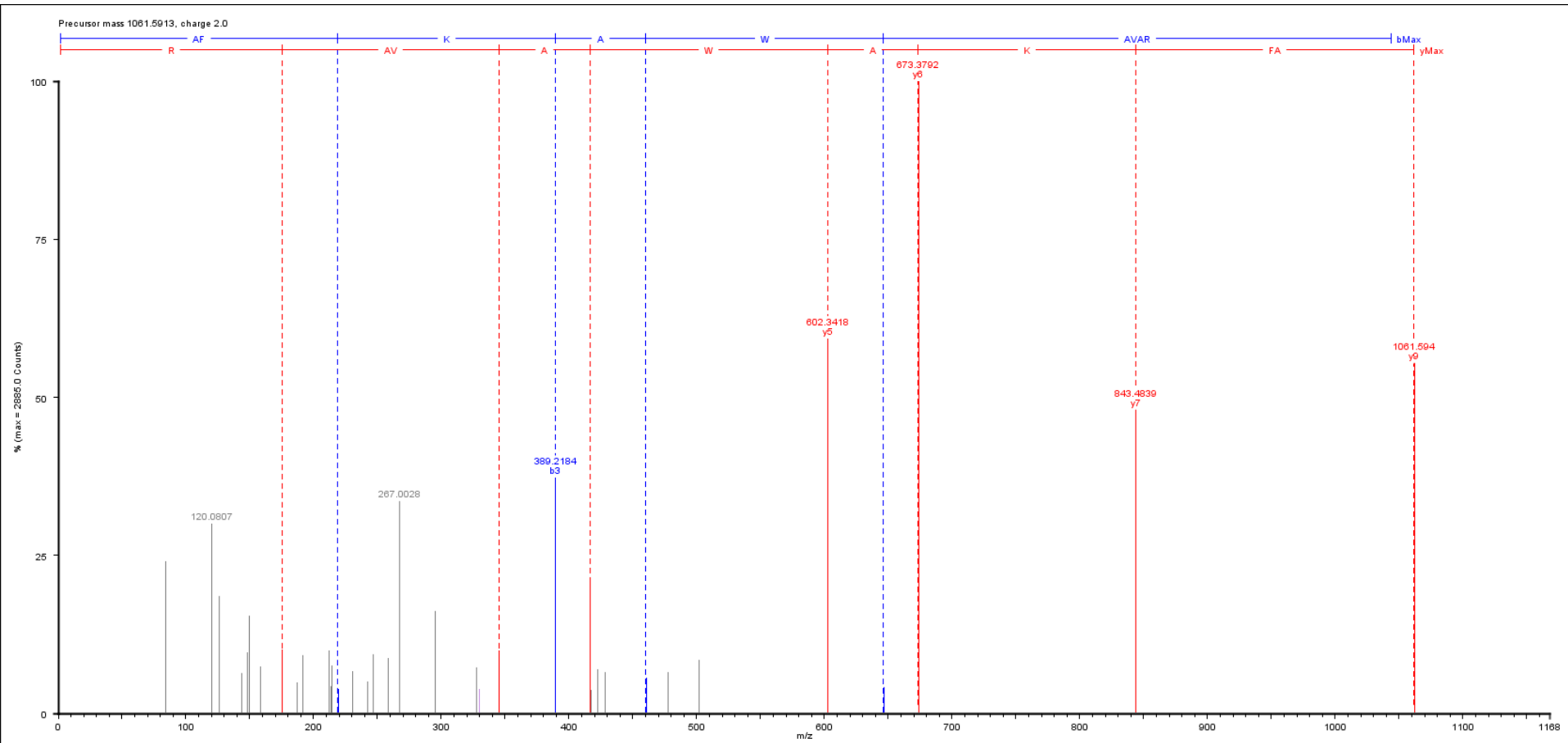
K5 Acetyl

VTK*CTESLVNR



K3 Acetyl

AFK*AWAVAR



K3 Acetyl