

Annotated Spectra for protein identifications on the basis of a single unique peptide within the Affinity Purified (AP) proteome.

Description:

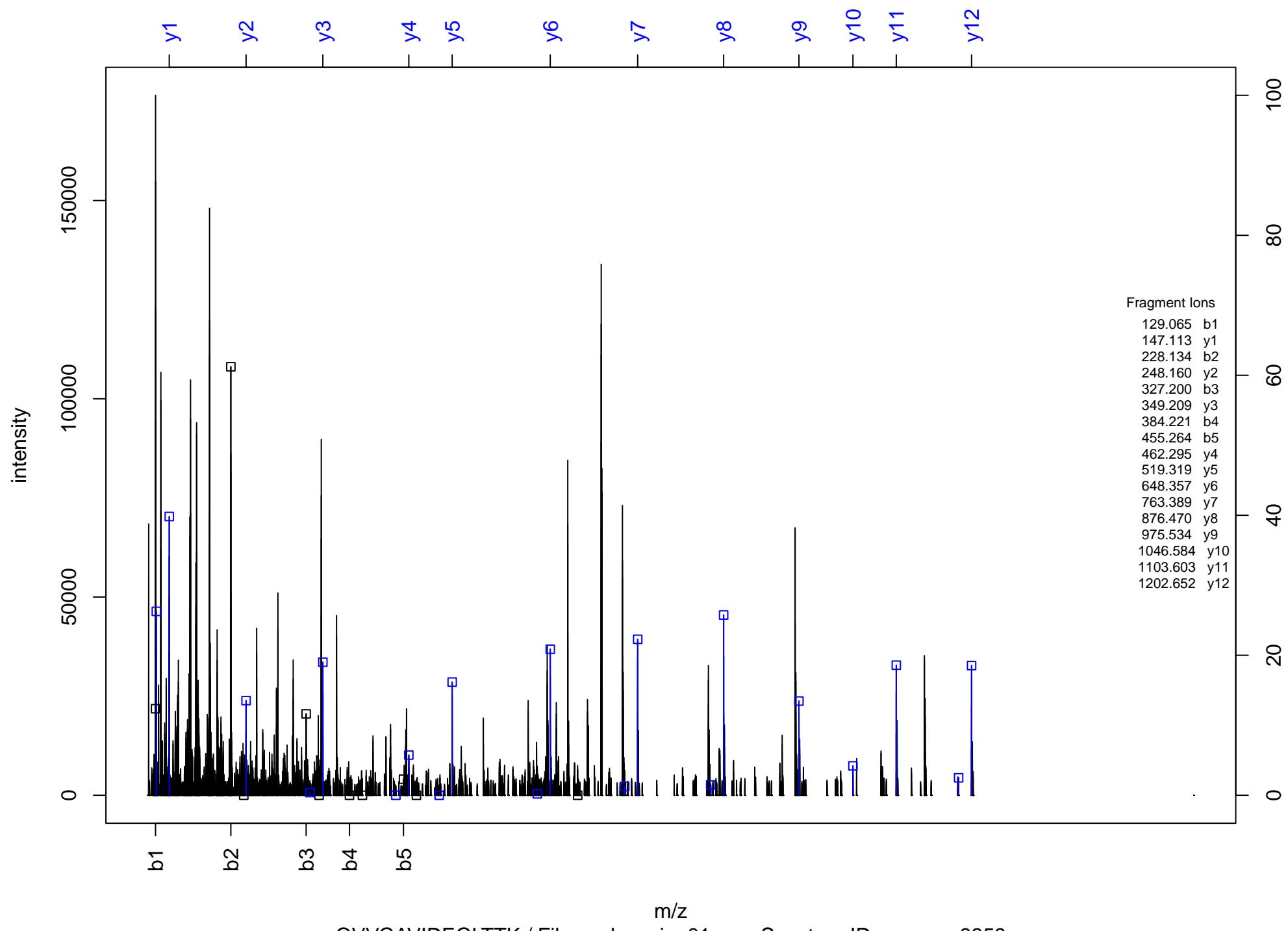
b and y ion matches were annotated below and above each MS/MS spectrum and marked at the top of the centroided peak intensity by a small black or blue box, only for ions in the MS/MS spectrum within +/- 0.6 Da of the theoretical b or y ion mass.

(Ac) in the title of an annotated PSM PDF page, e.g., "(Ac)PEPSEQ" indicates the primary amino acid sequence for the PSM, PEPSEQ, was matched by MaxQuant with a variablemodification monoisotopic mass shift for acetylation at the protein N-terminus (+42.010565 Da).

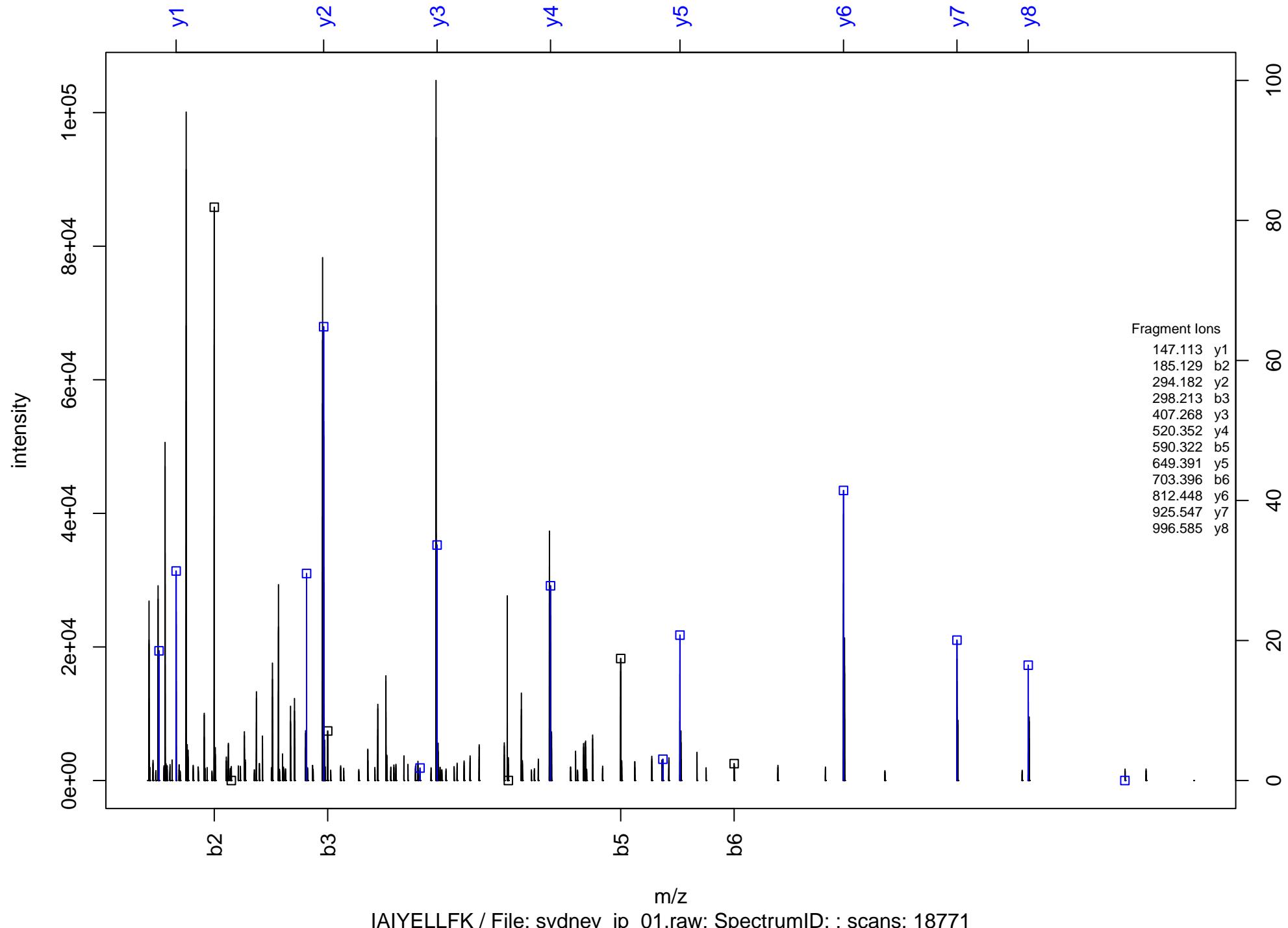
" in the annotated PSM title, e.g., "PEM*SEQ" indicates oxidation (+15.994915 Da) monoisotopic mass shift for the preceding methionine (M) residue.

^ in the title peptide sequence follows an asparagine (N) or glutamine (Q) residue and represents conversion to aspartate or glutamate, respectively, by deamidation, resulting in a +0.984016 Da monoisotopic mass increase for the preceding residue.

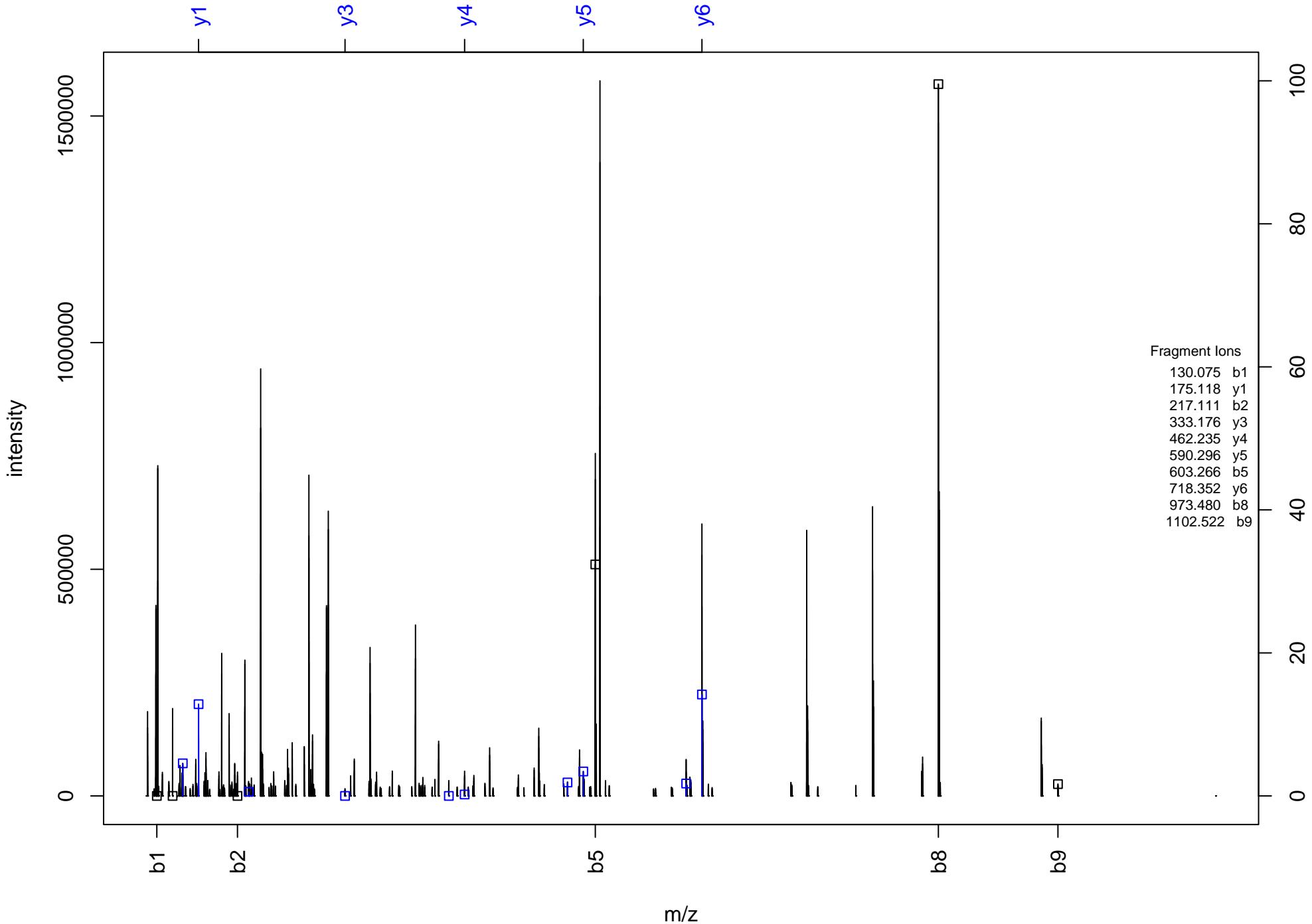
QVVGAVIDEGLTTK



IAIYELLFK

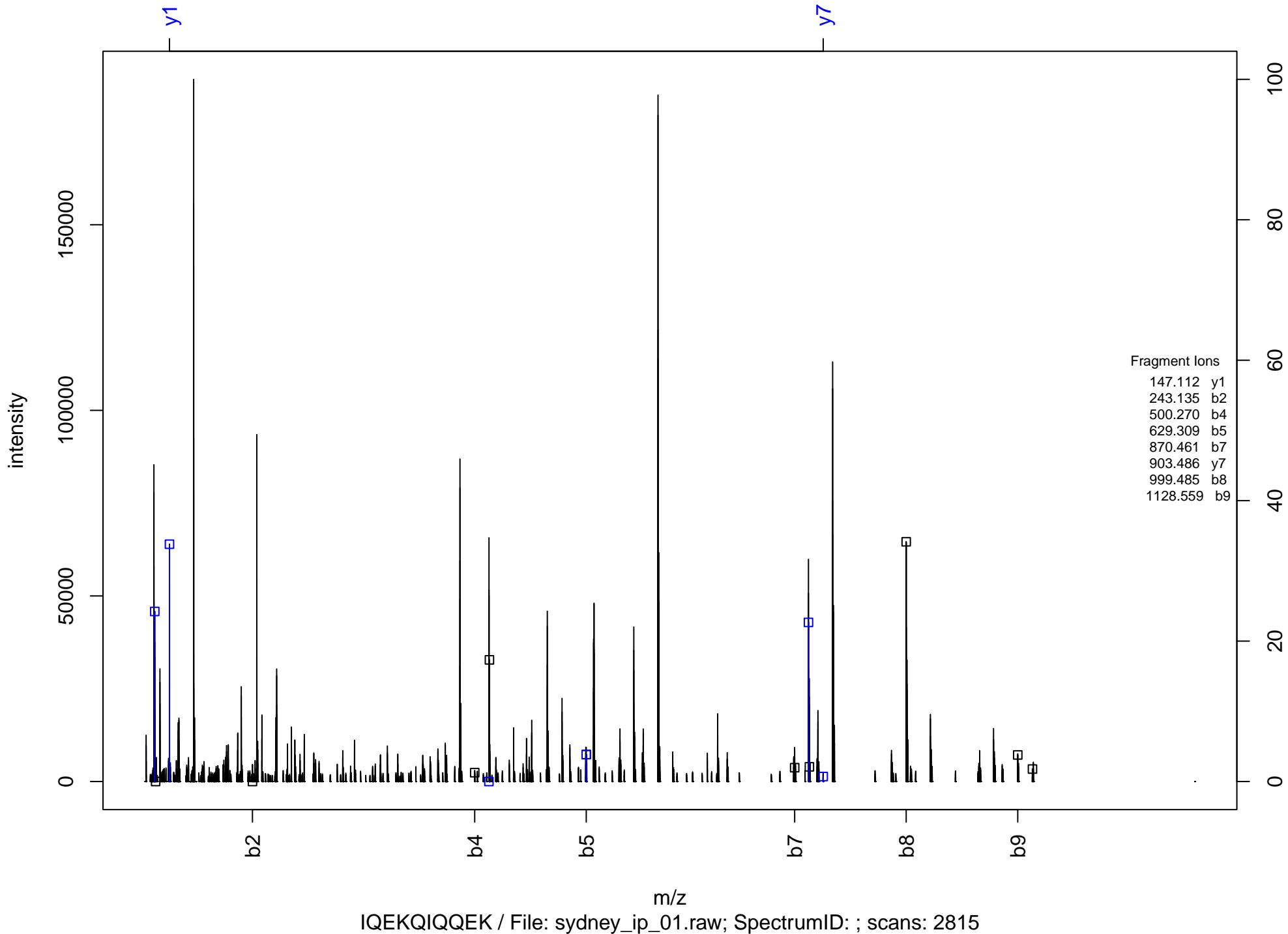


ESEEKLKQ^Q^QQESAR

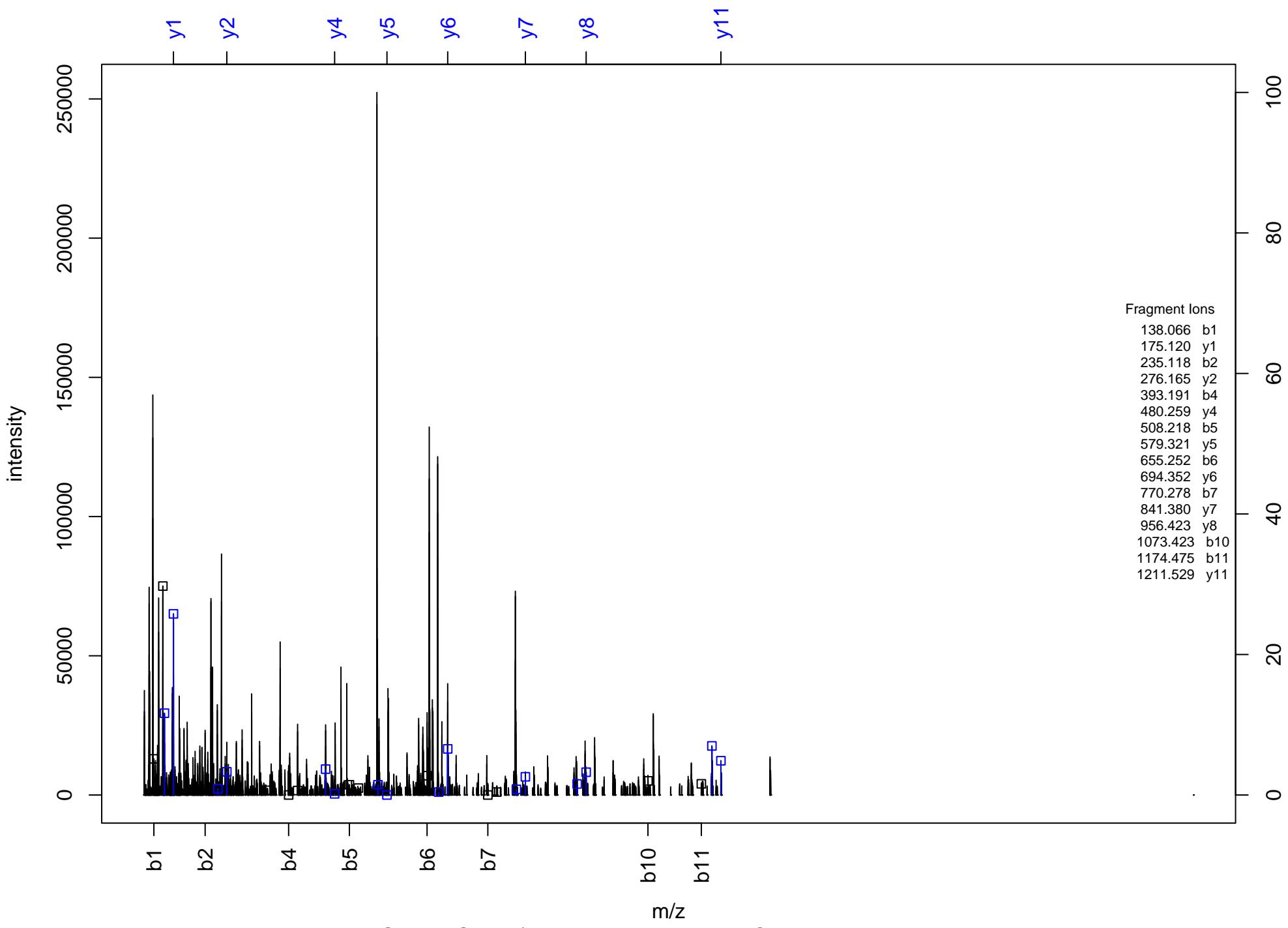


ESEEKLKQ^Q^QQESAR / File: sydney_ip_01.raw; SpectrumID: ; scans: 3199

IQ^EKQ^IQQ^EK

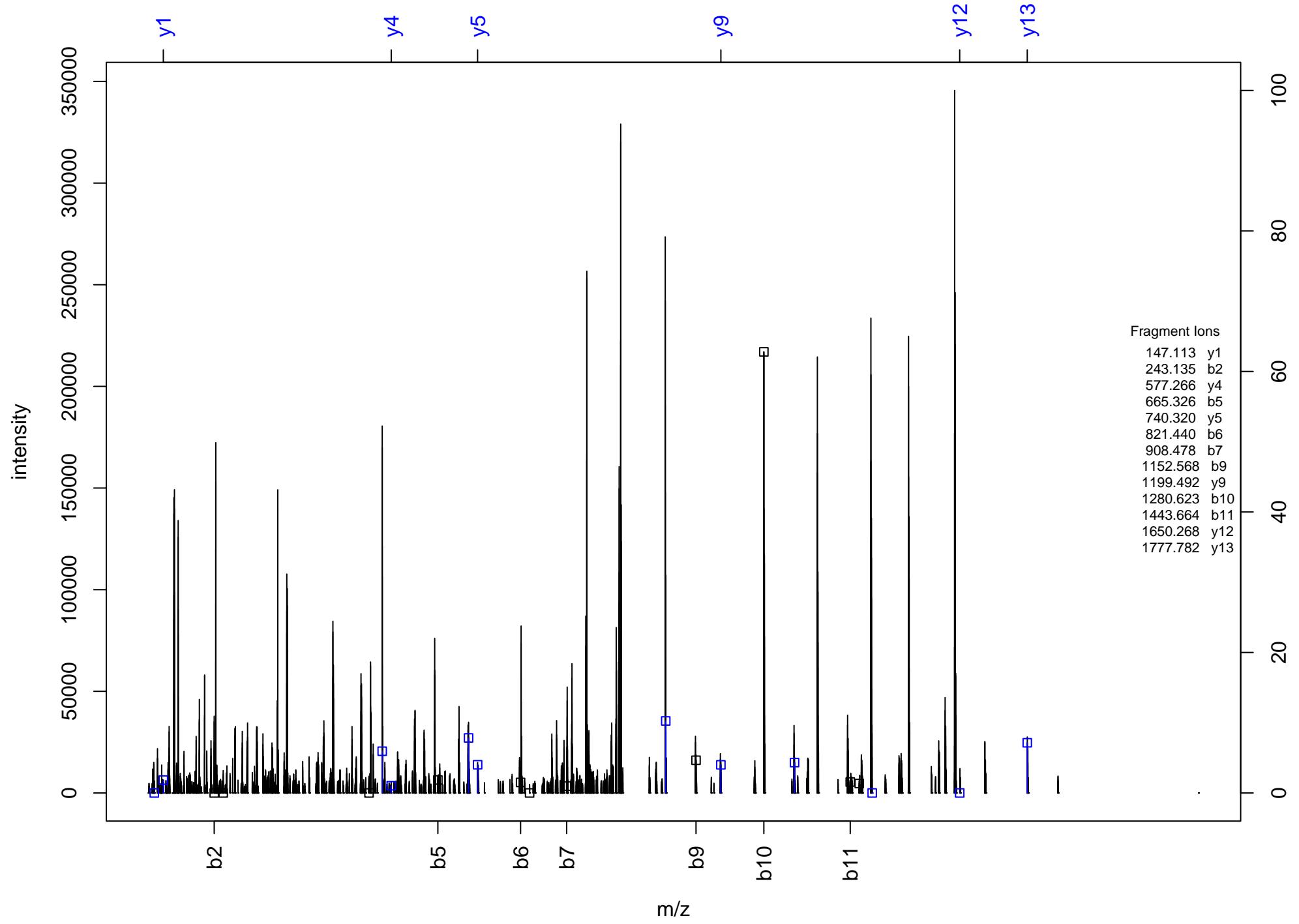


HPTGN^{M*}DVGFTR

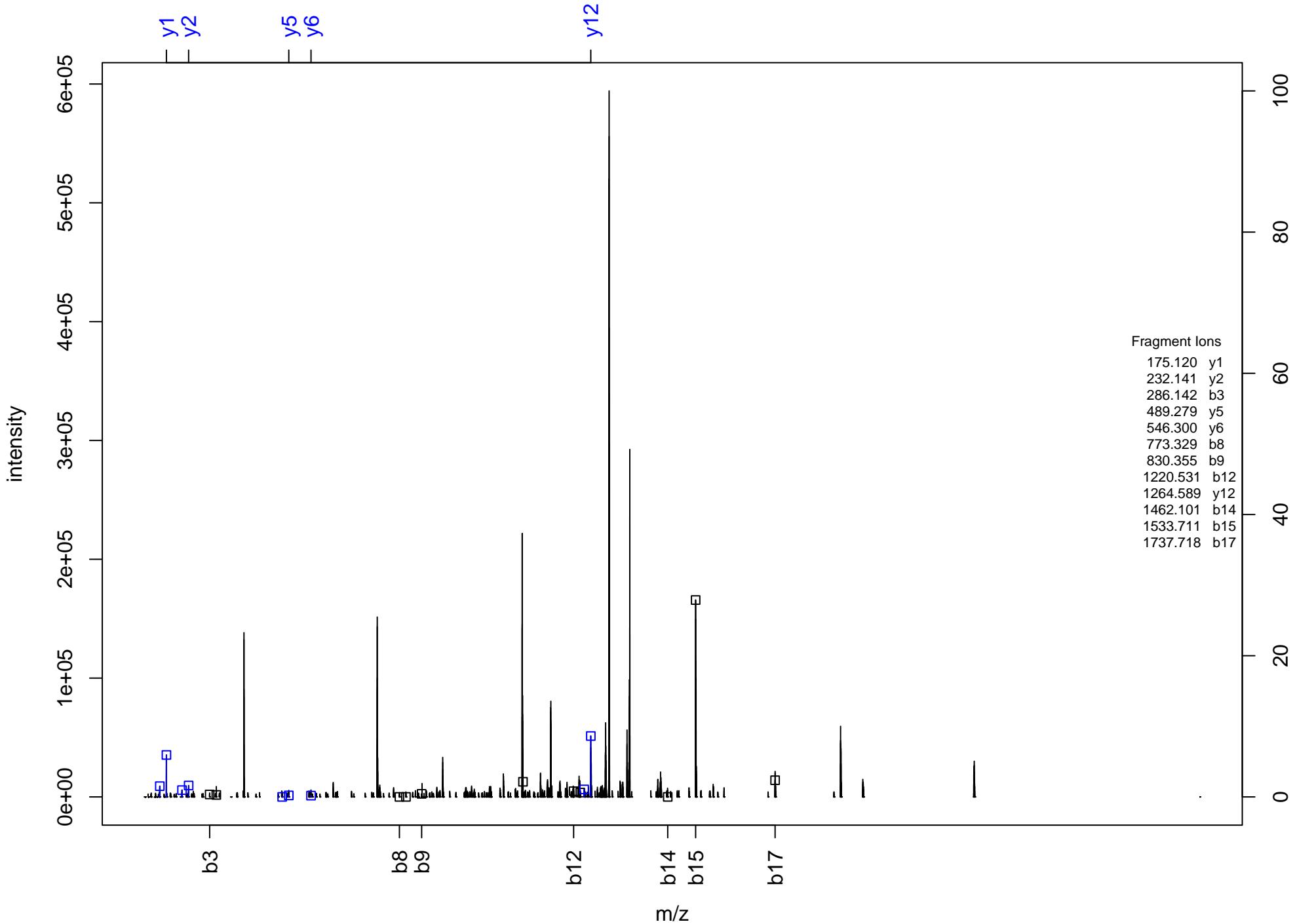


HPTGNMDVGFTR / File: sydney_ip_01.raw; SpectrumID: ; scans: 3213

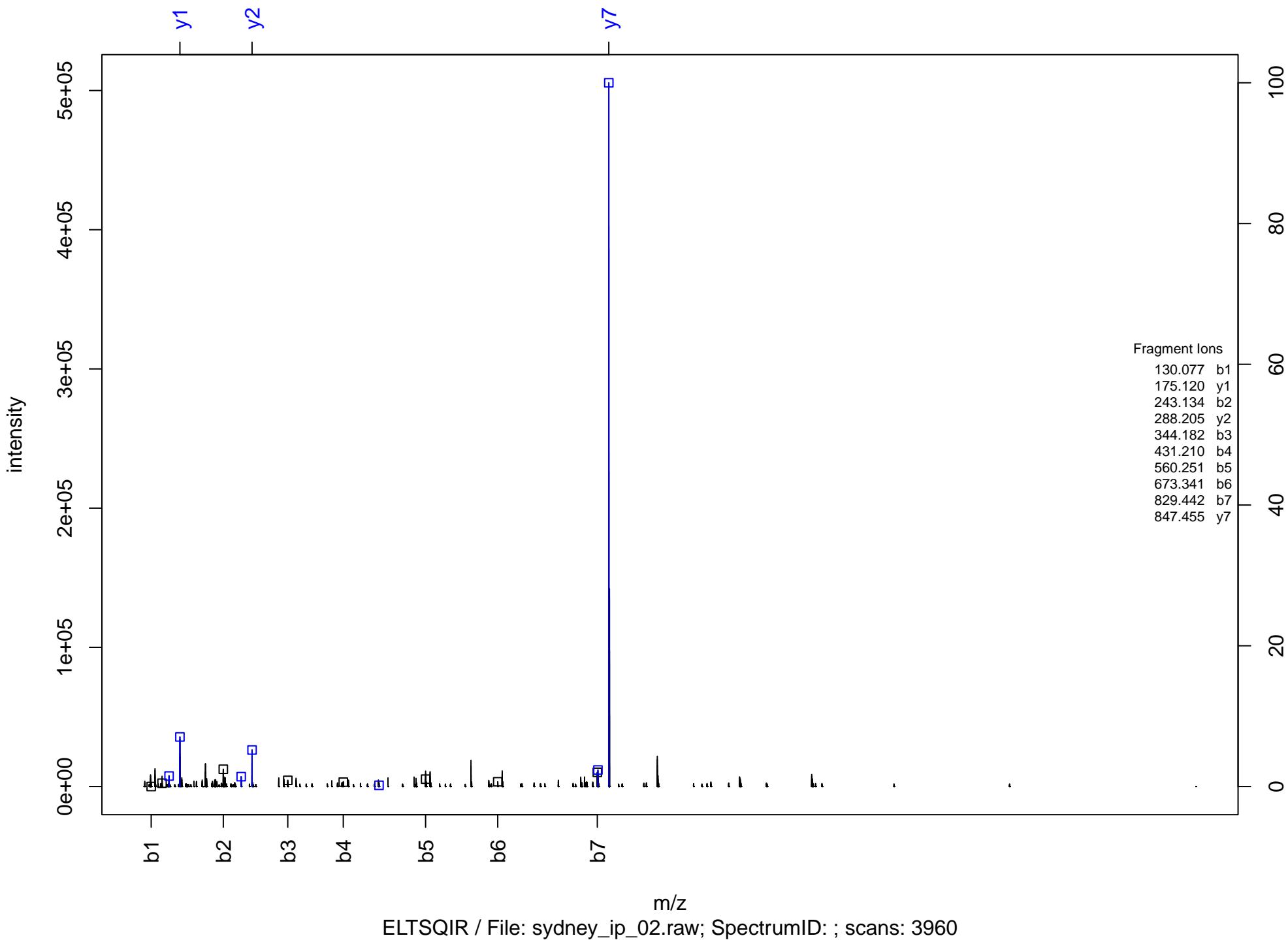
LQ^KFM*RSPM*QYWN^Q^K



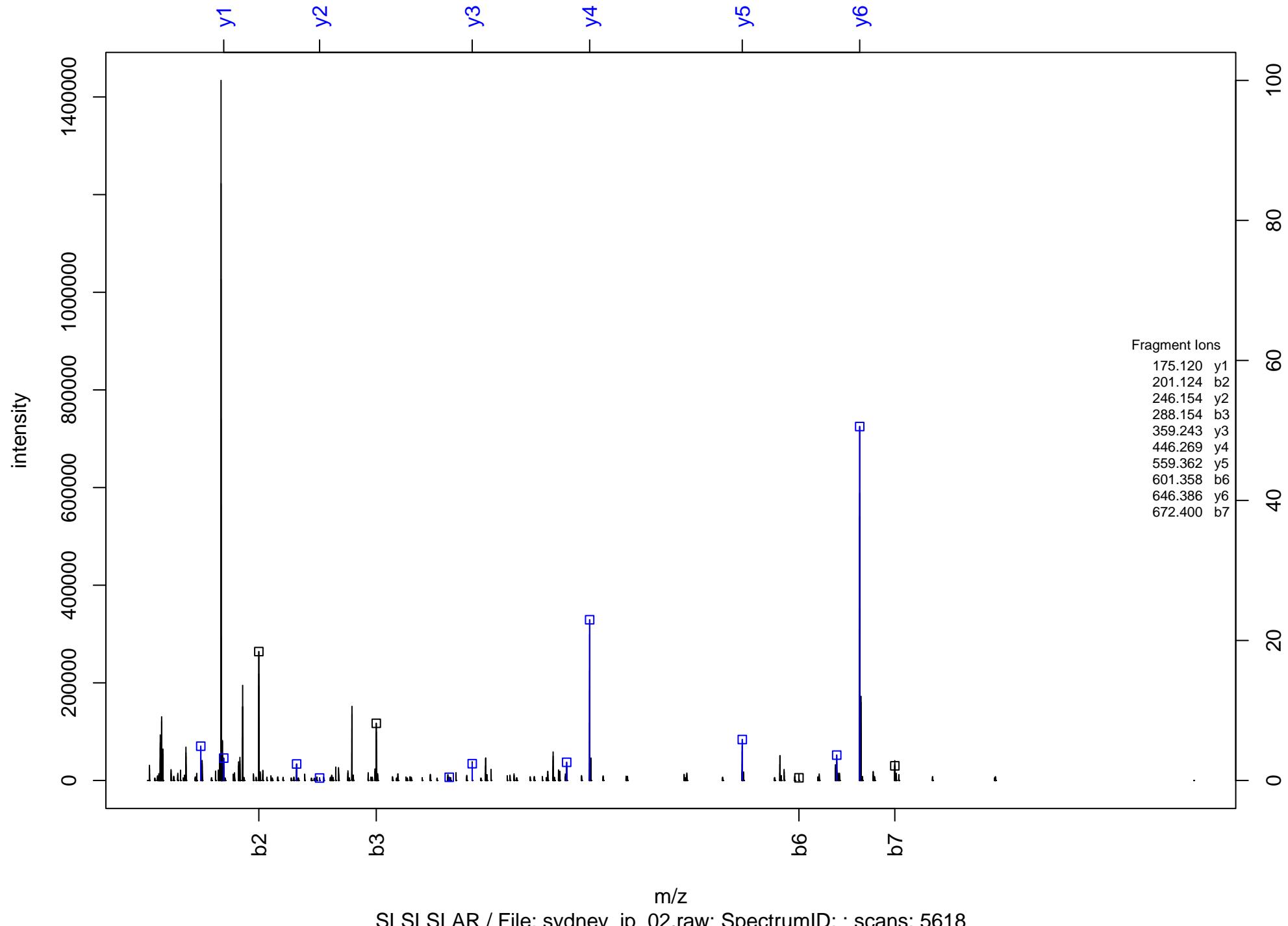
DGLGSDN^IGSRM*LQ^AM*GWKEGSGLGR



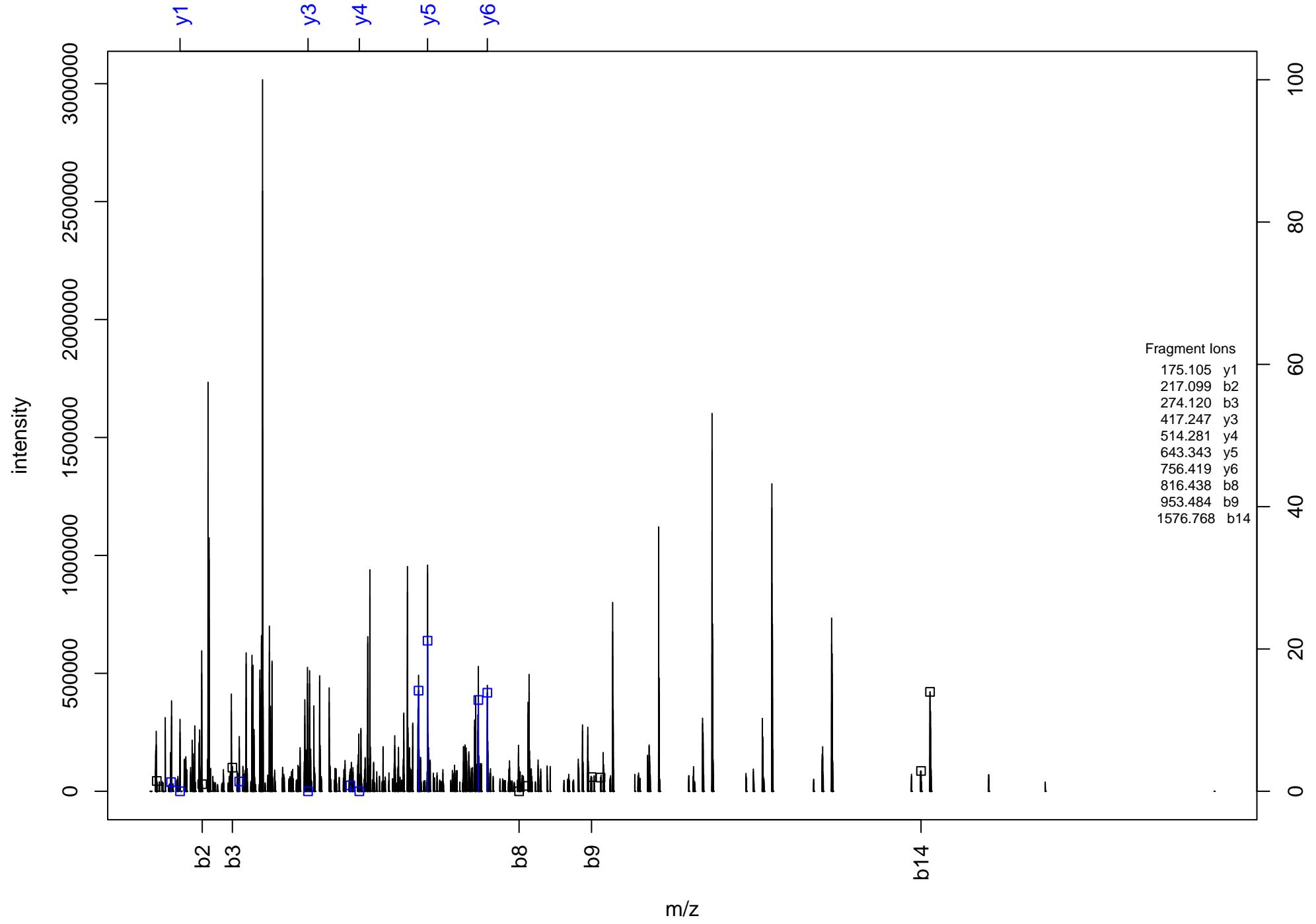
ELTSQ^IR



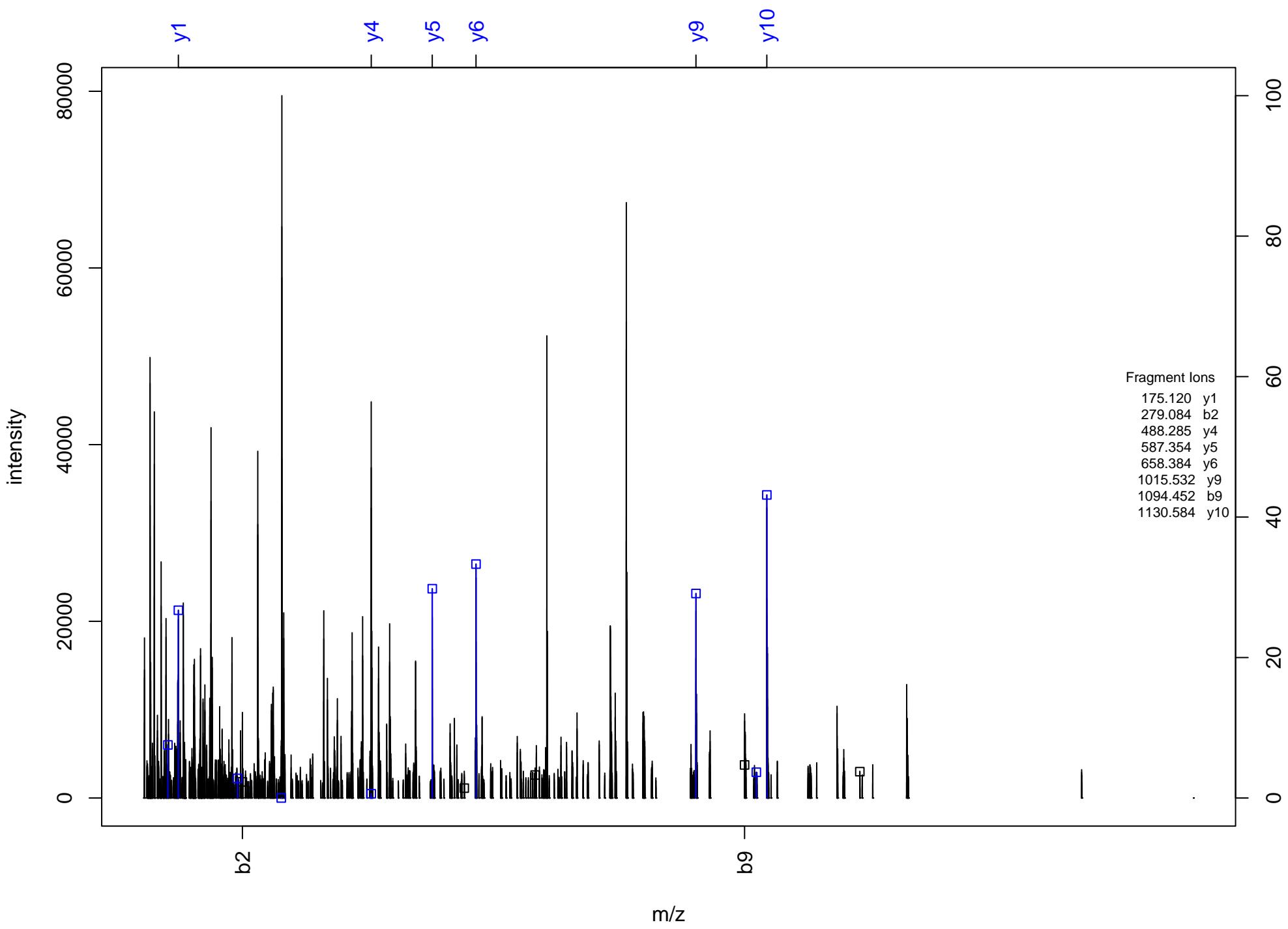
SLSLSLAR



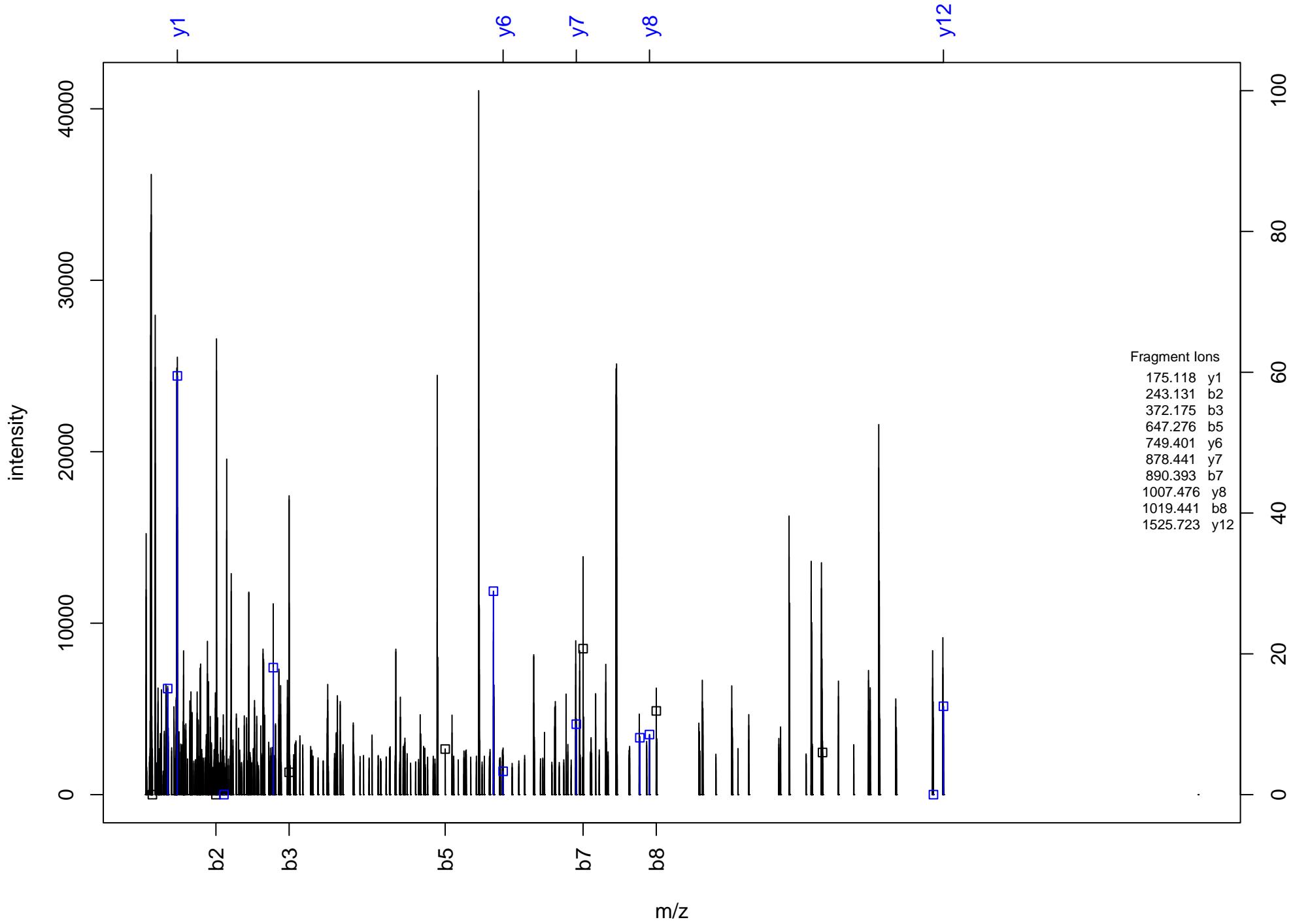
ICGSCTLQHHM*LEPIQ^R



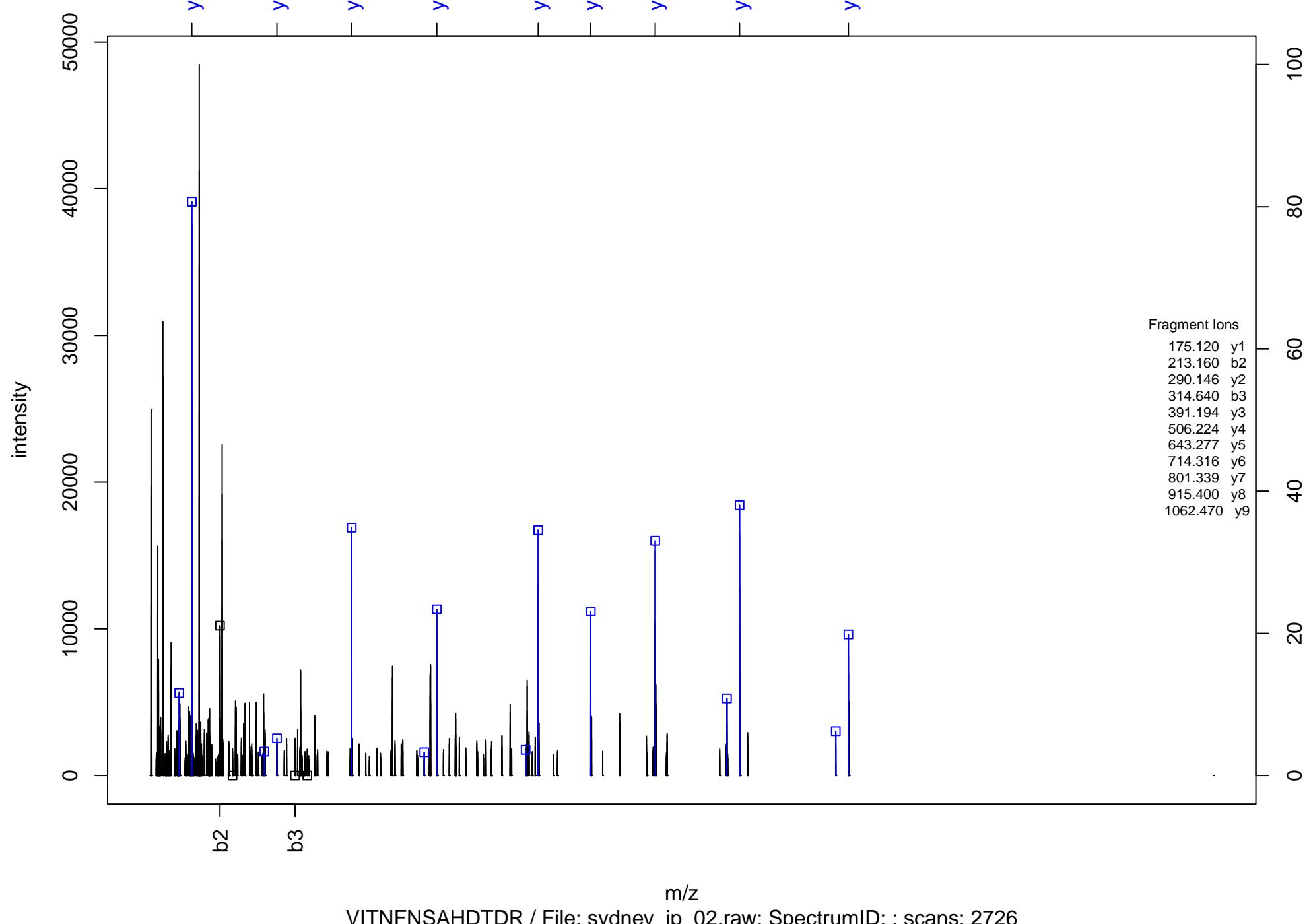
M*MELTN^VQ^Q^AVQ^ALR



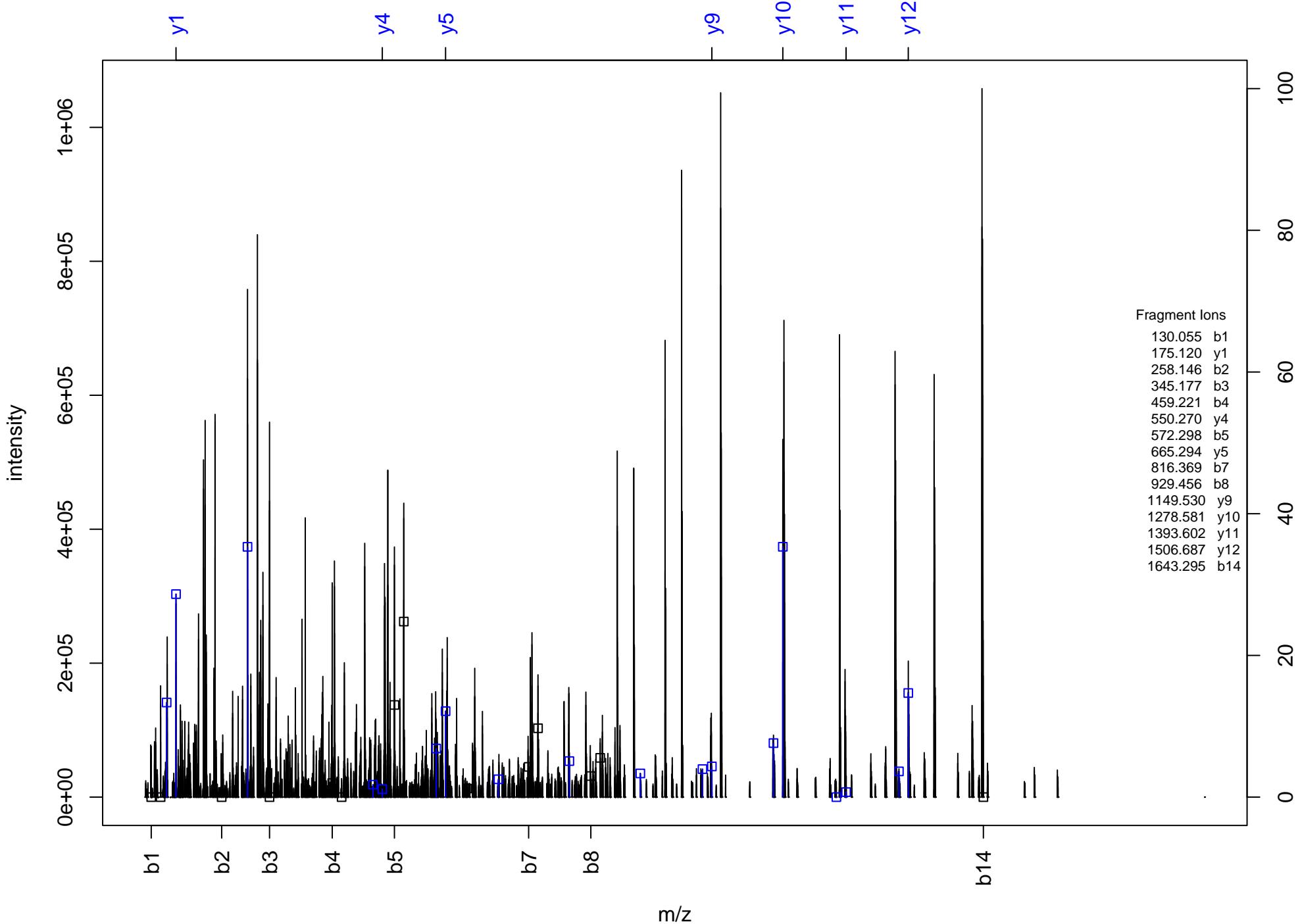
LEEM*QKN^Q^EM*LQSVR



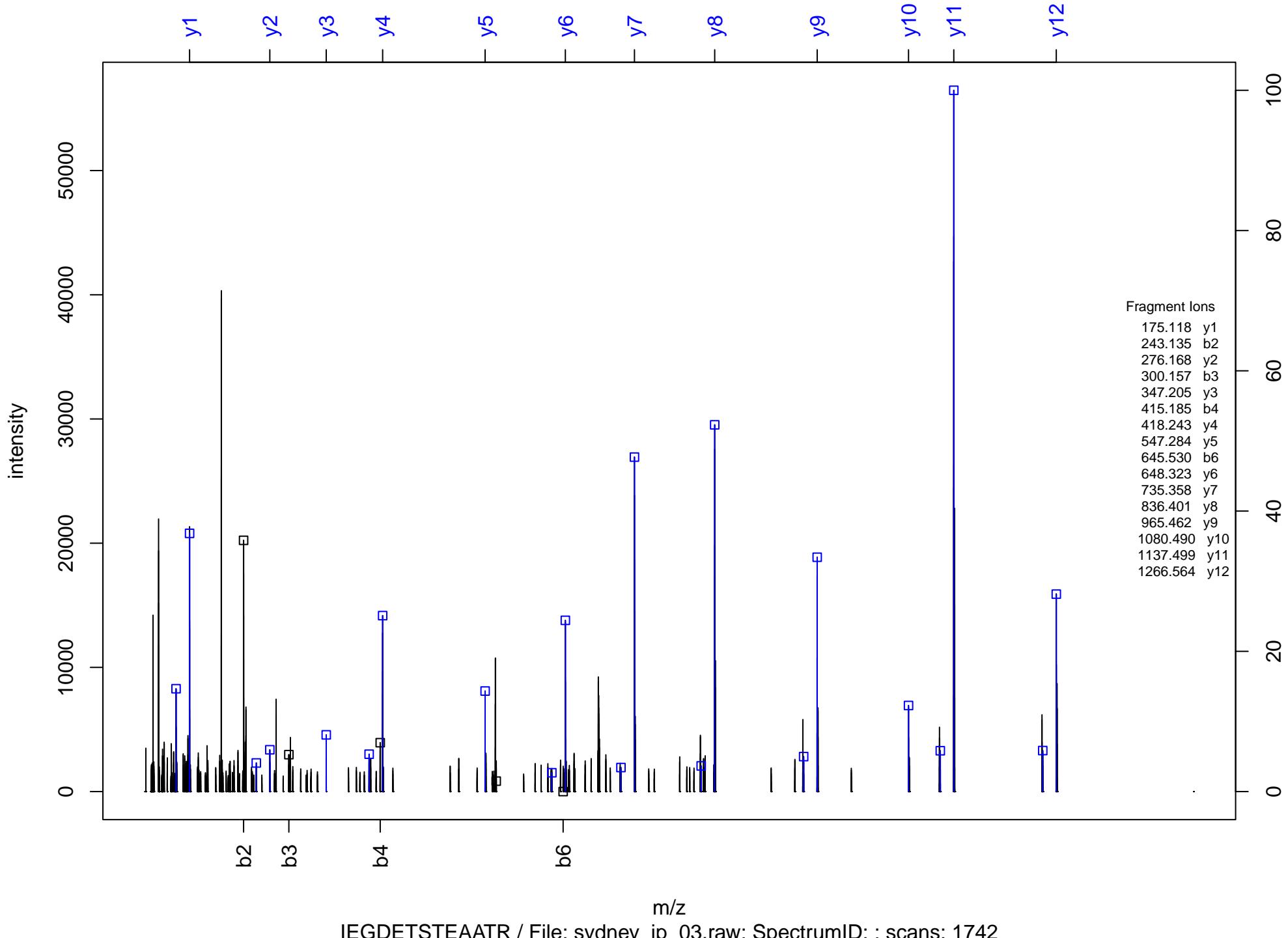
VITNFNSAHD TDR



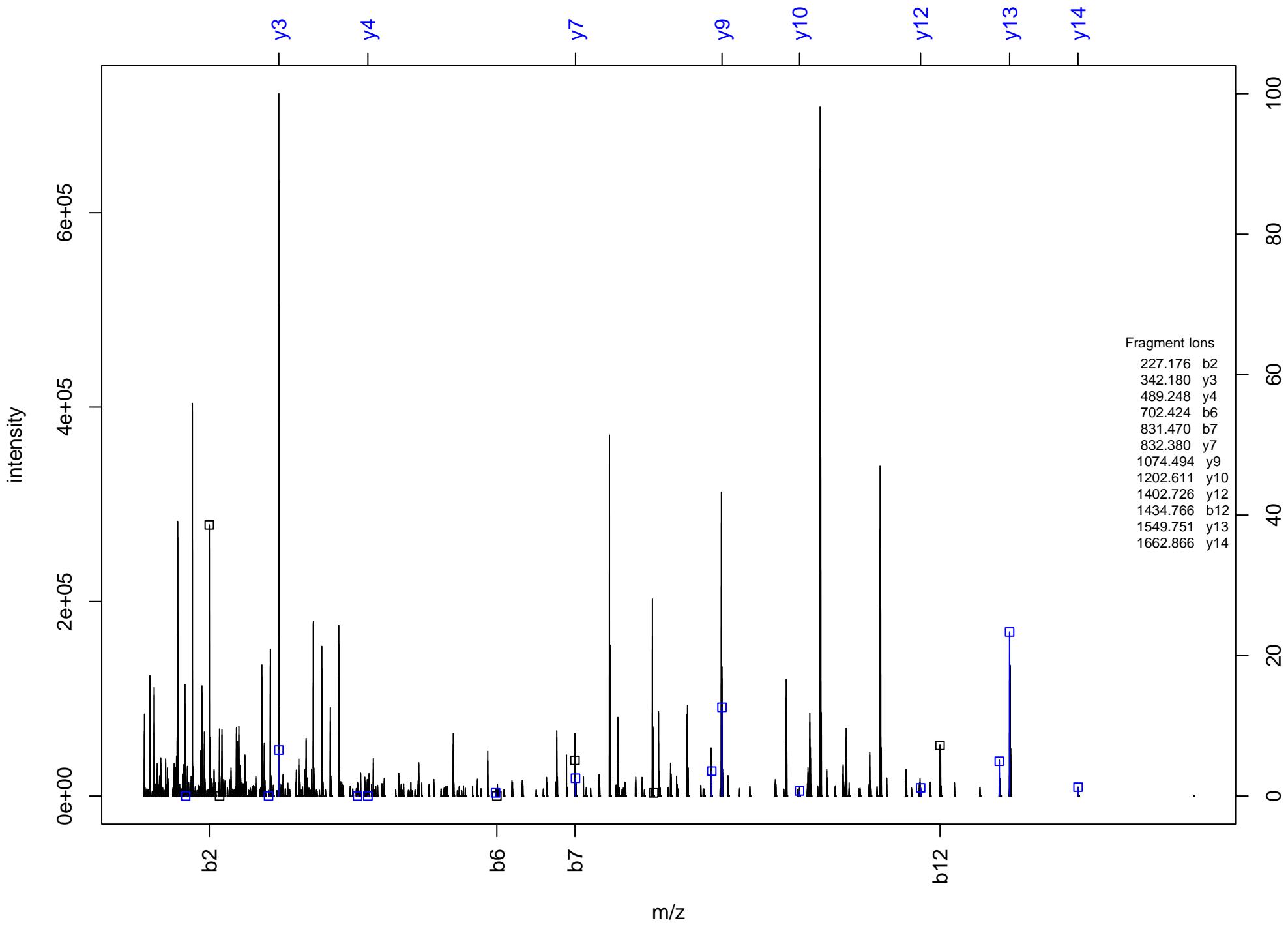
Q^KSNIN^ELEELN^LDM^R



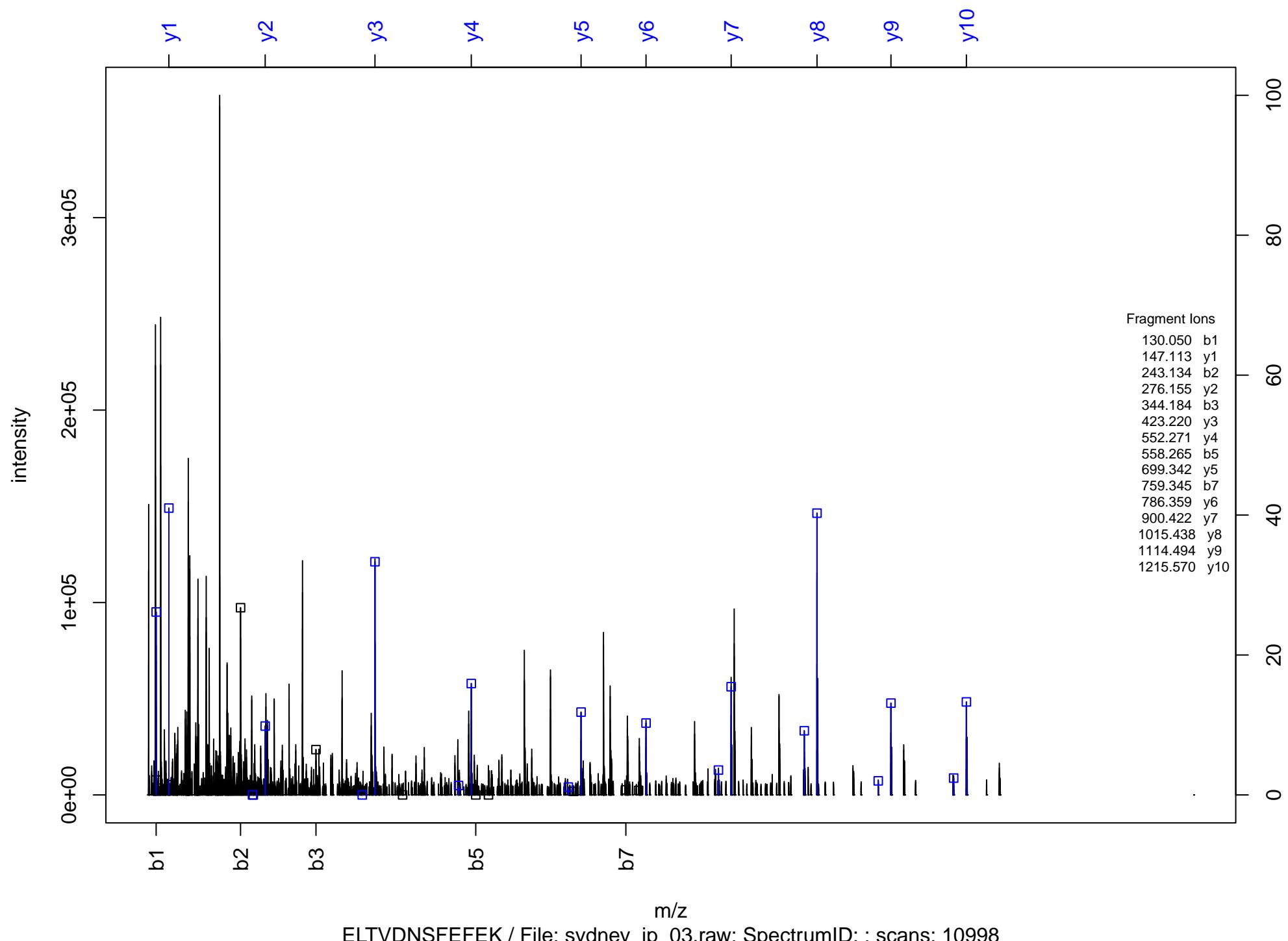
IEGDETSTEAAATR



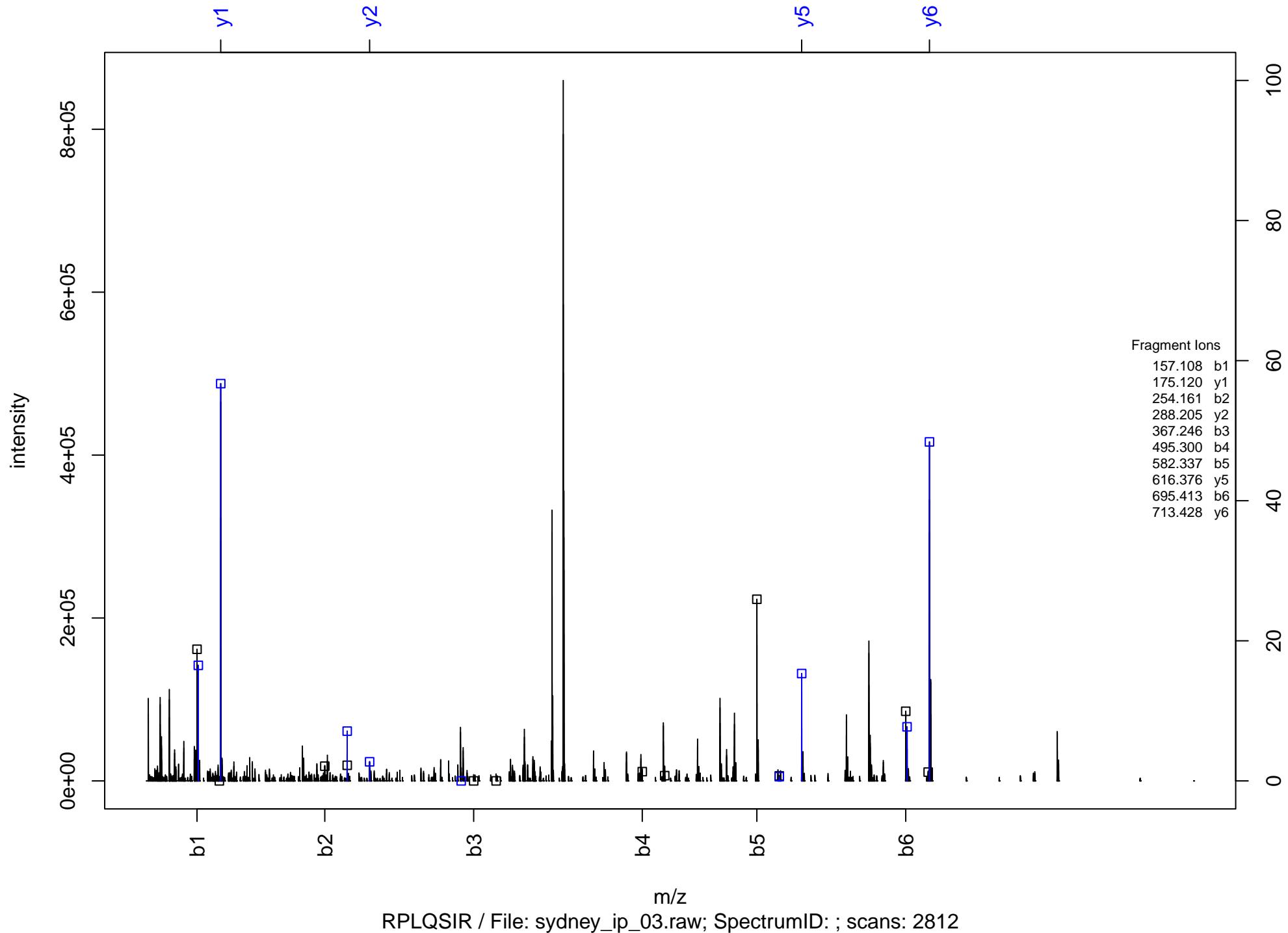
ILM*SLKQ^LN^LN^FHVS



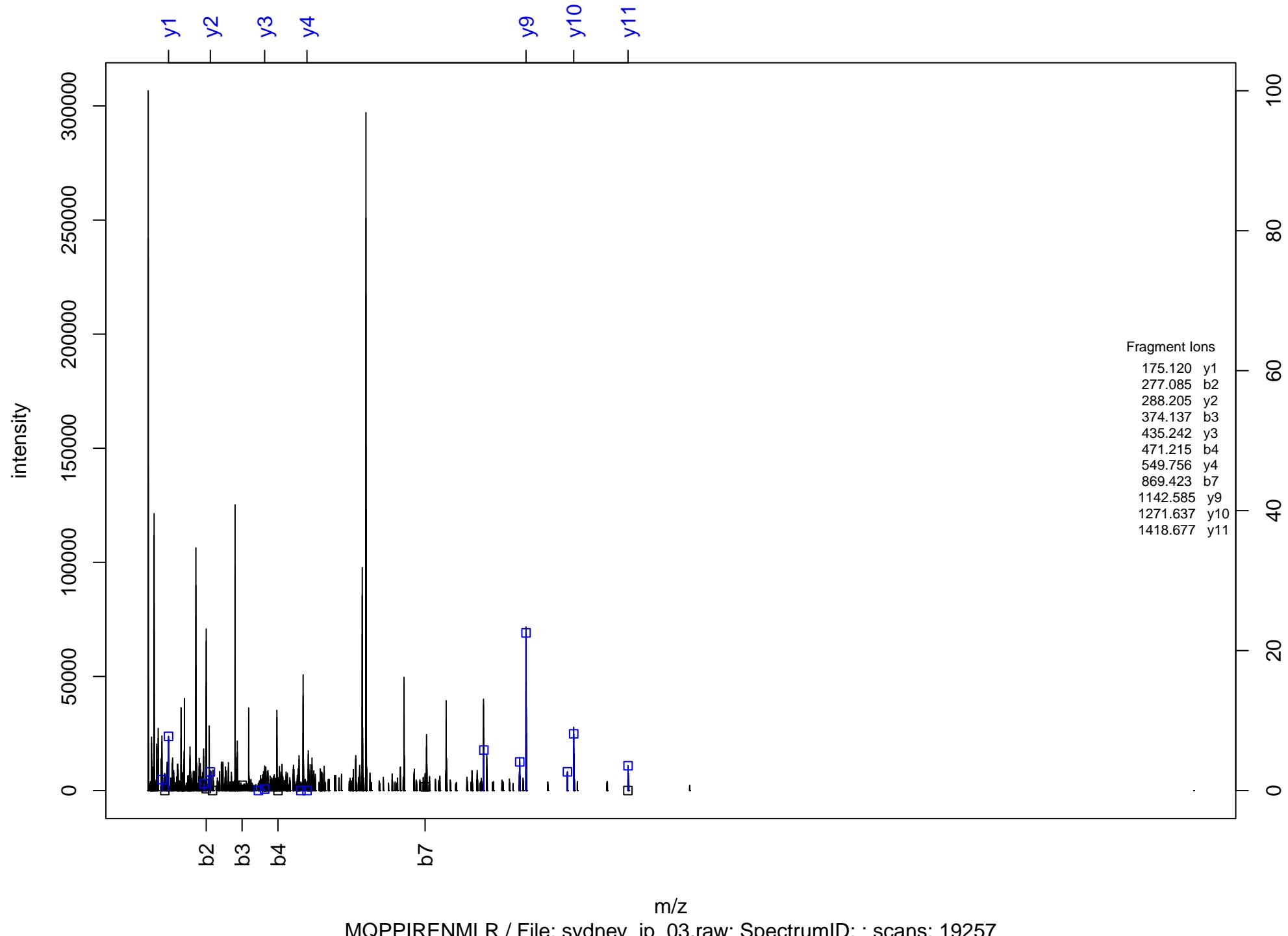
ELTVDNSFEFEK



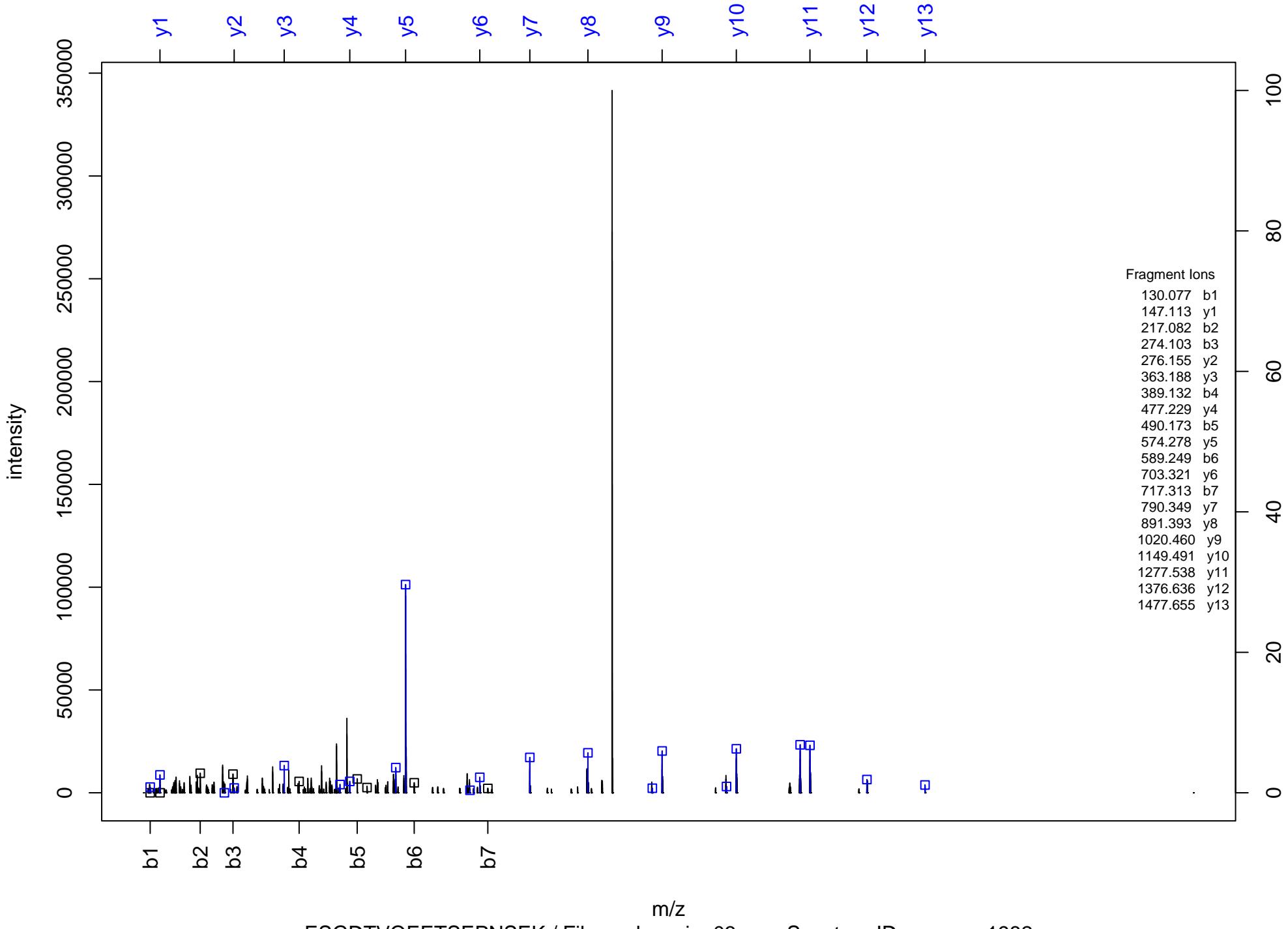
RPLQSIR



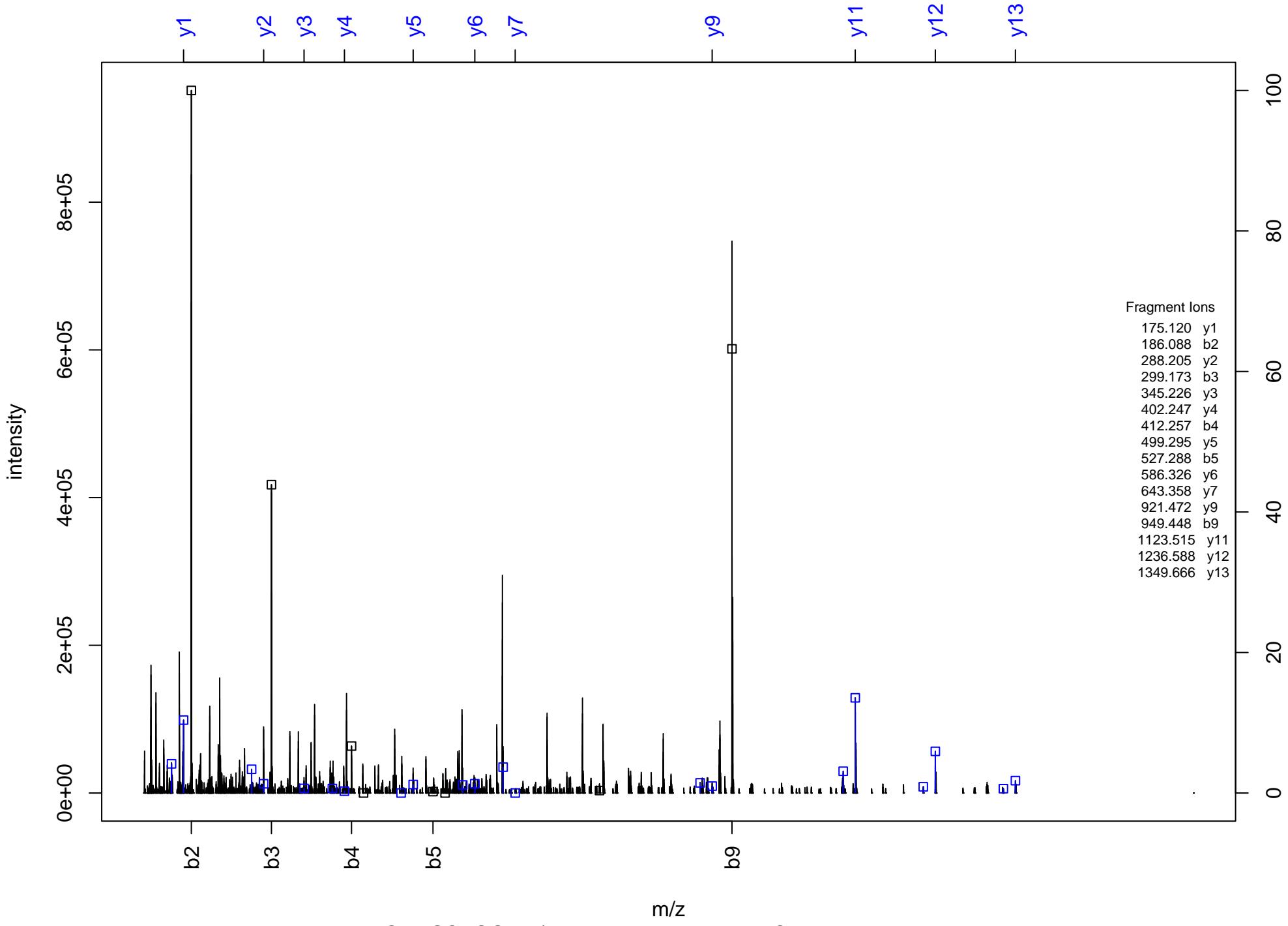
M^{*}Q^APPIREN^NM^{*}LR



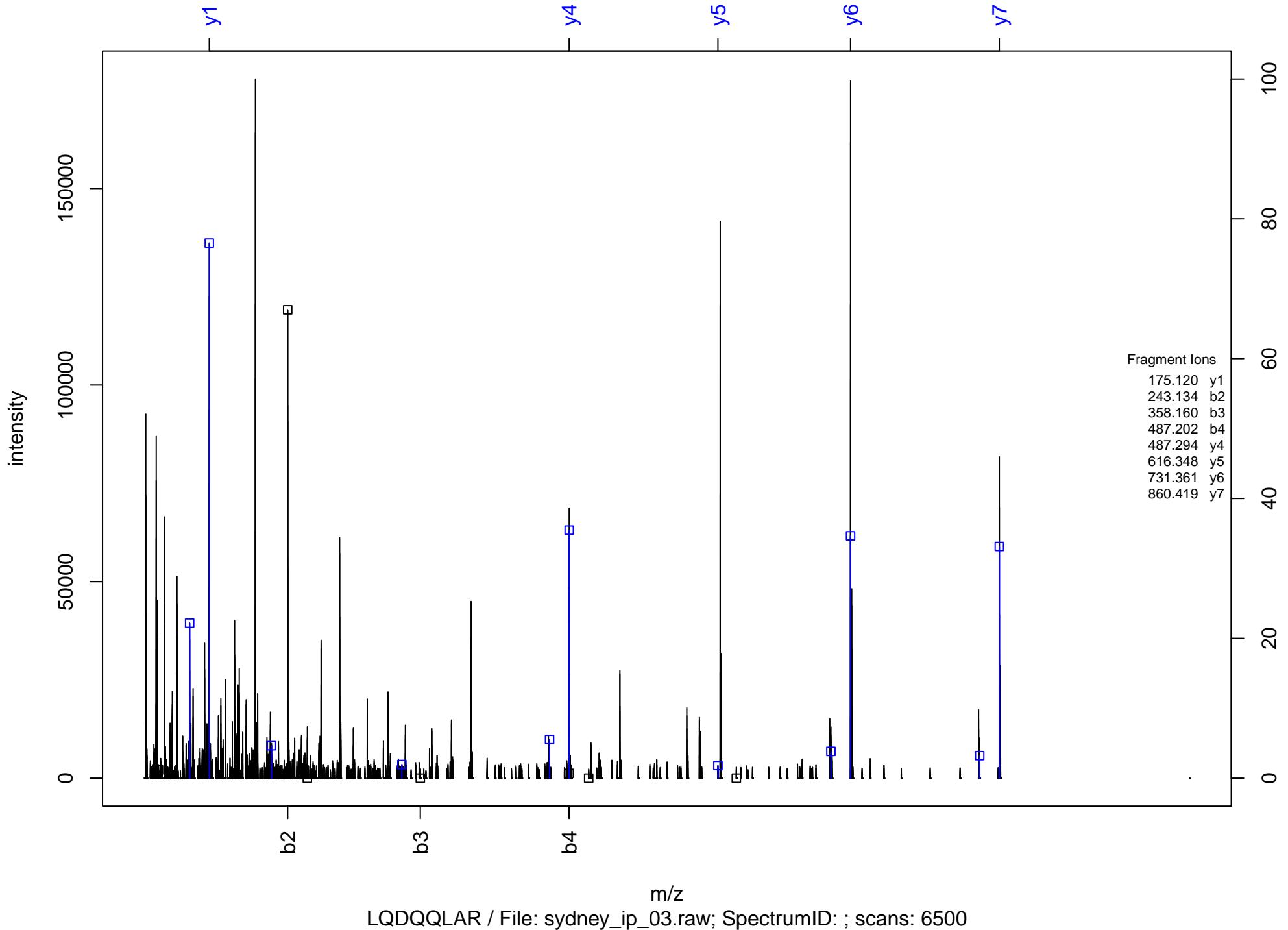
ESGDTVQEETSEPNSEK



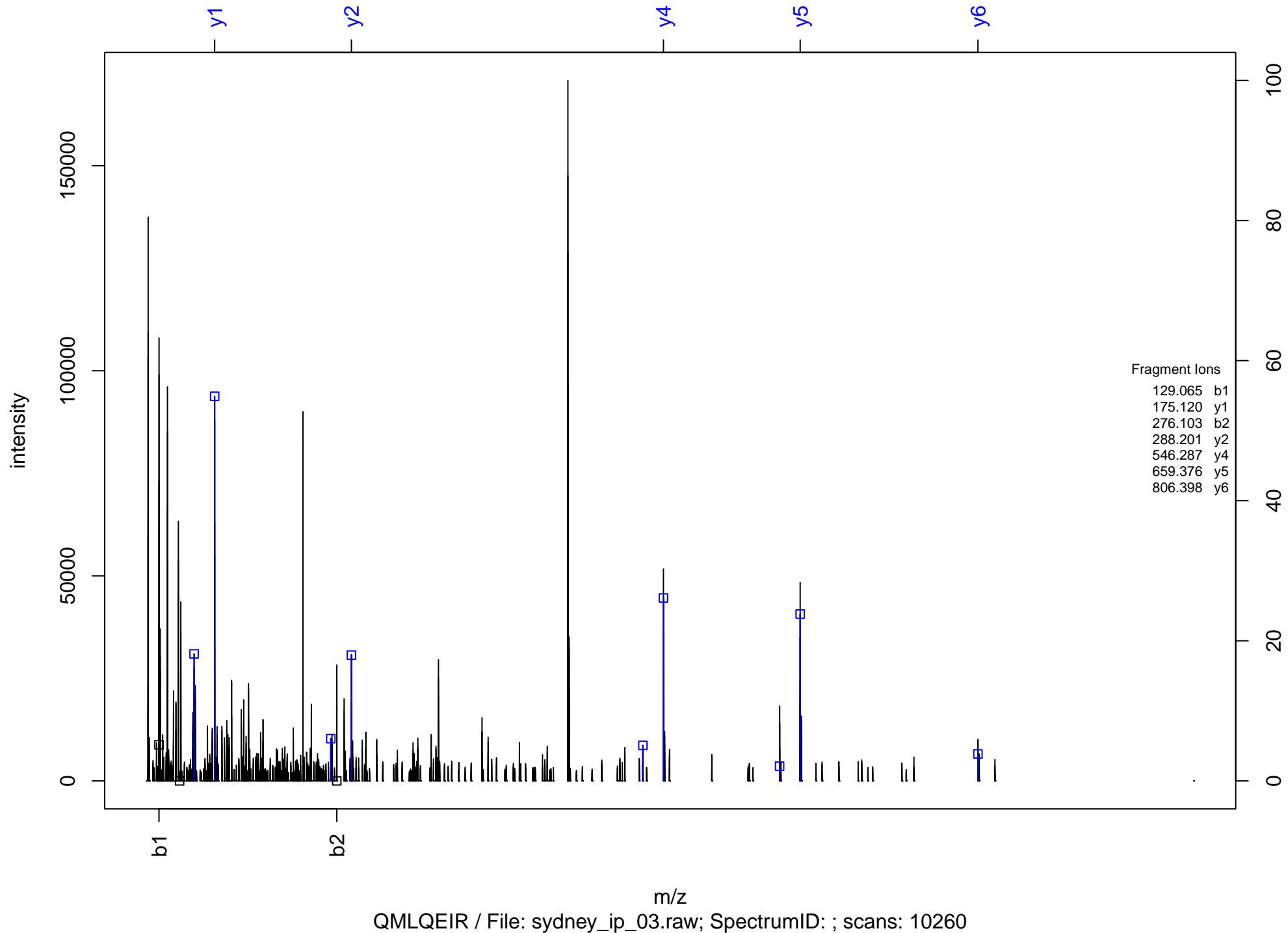
ANLLDSMFGSPGGLR



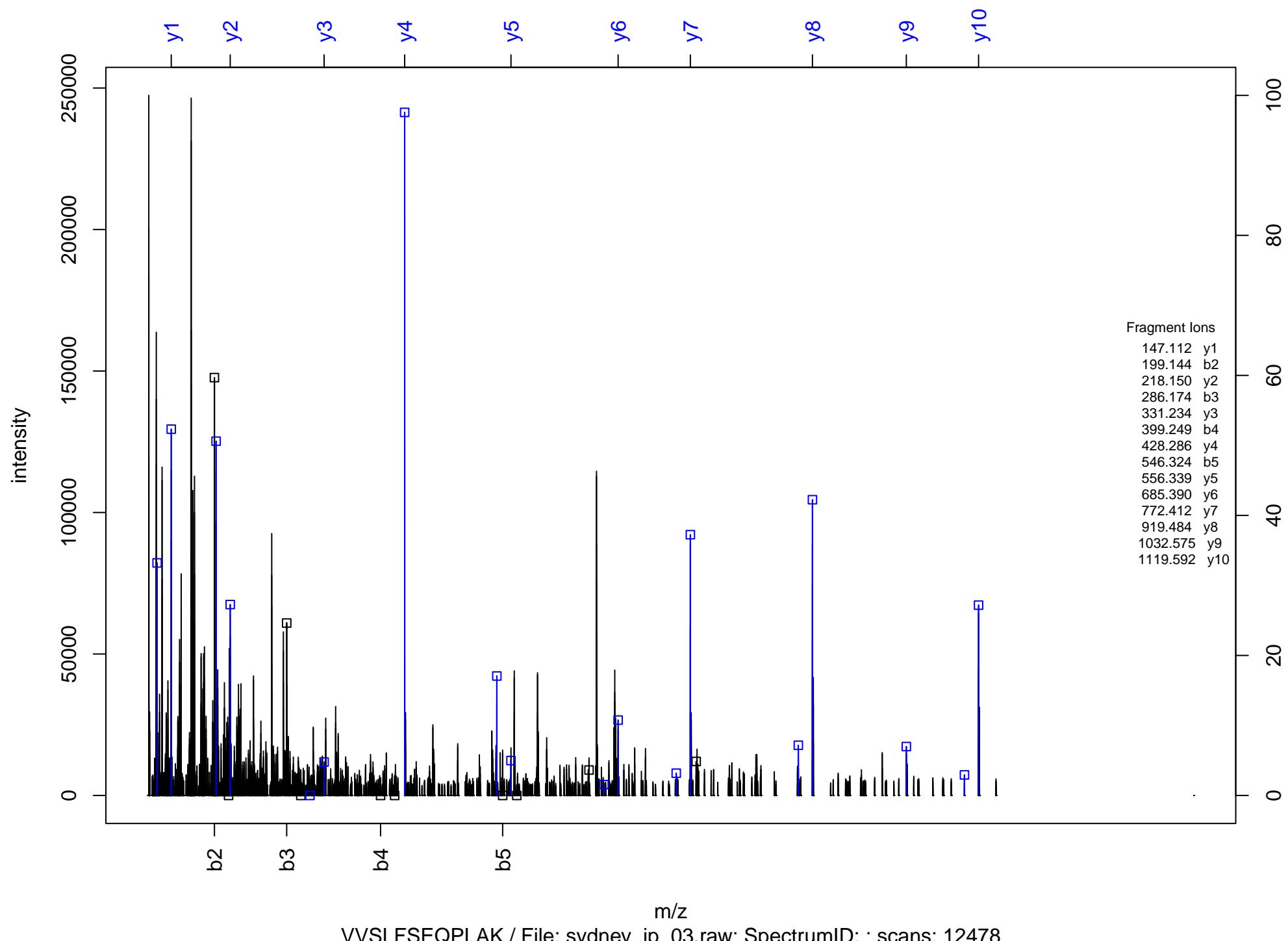
LQ⁺DQ⁺QLAR



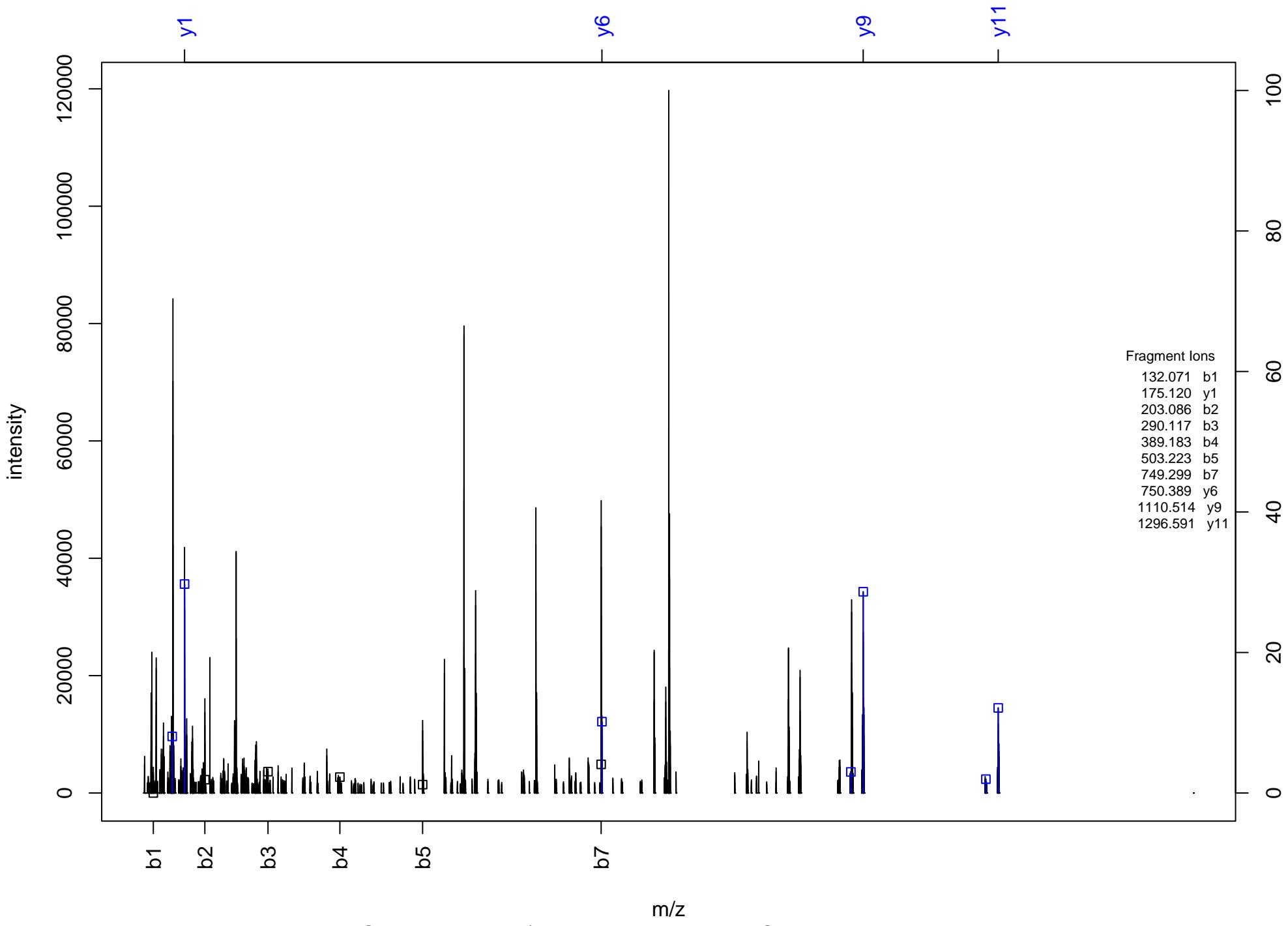
QM*LQEIR



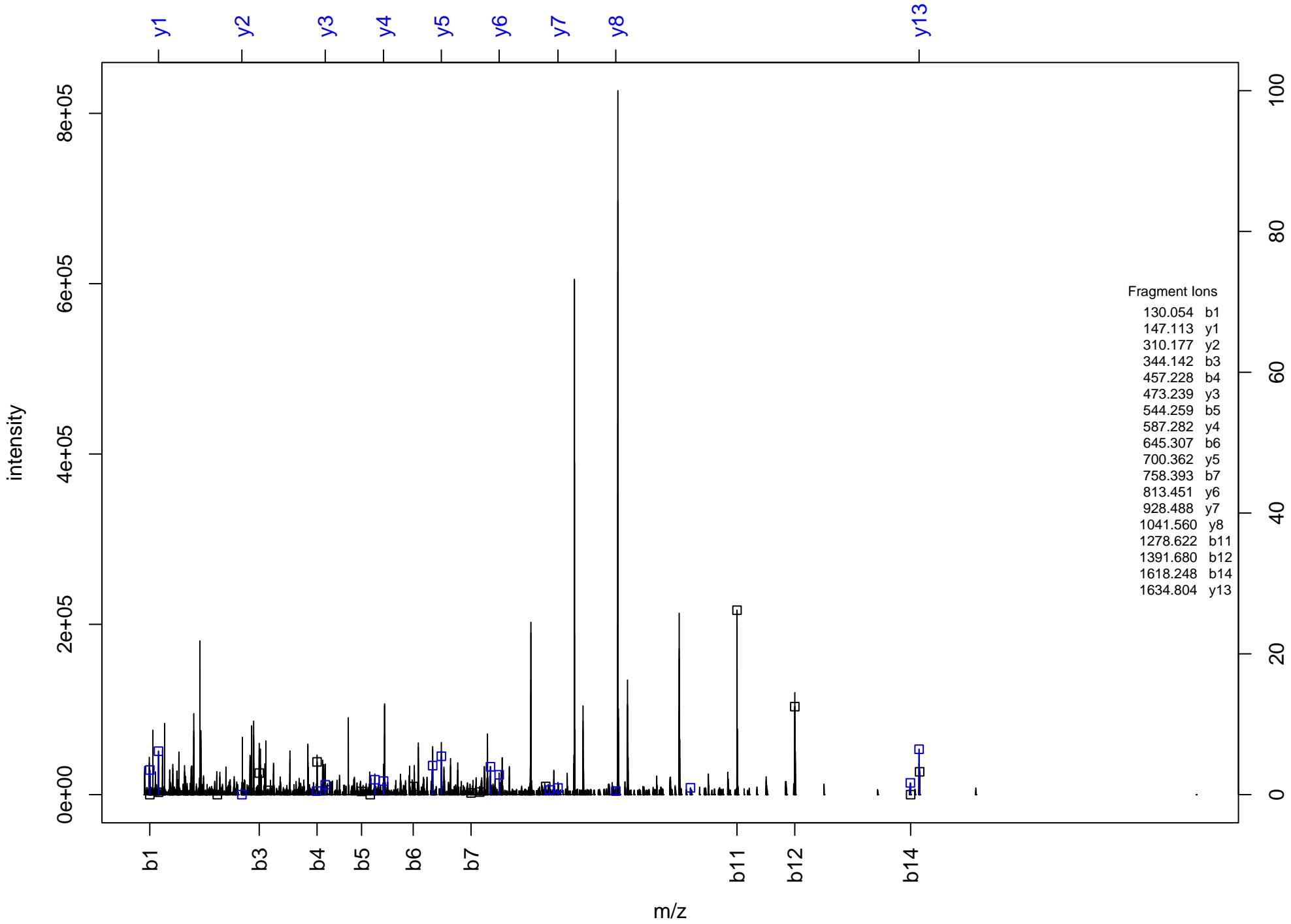
VVSLFSEQPLAK



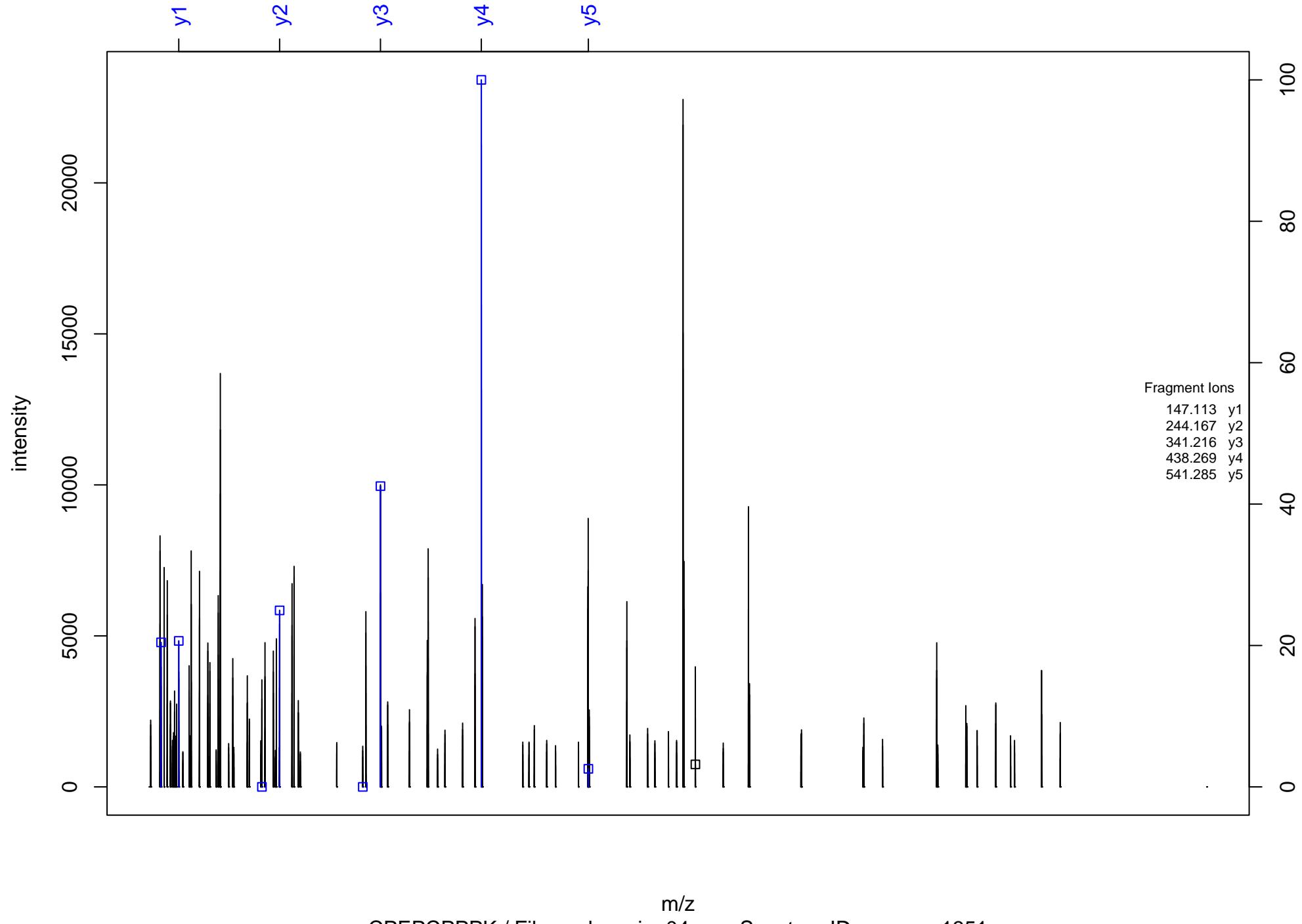
MASVNMDPALM*FR



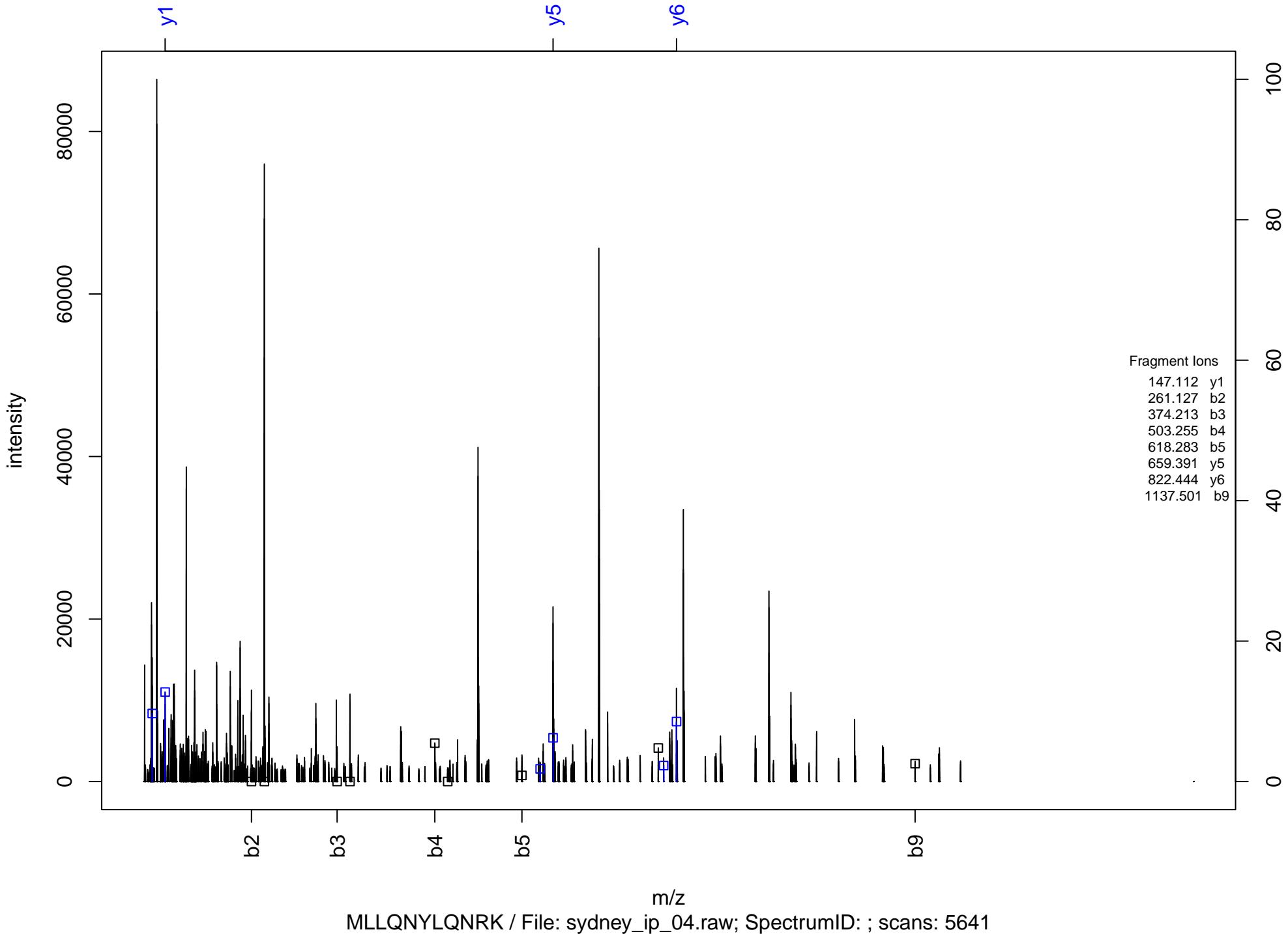
EDVISTLQ^AYLN^ALINYYK



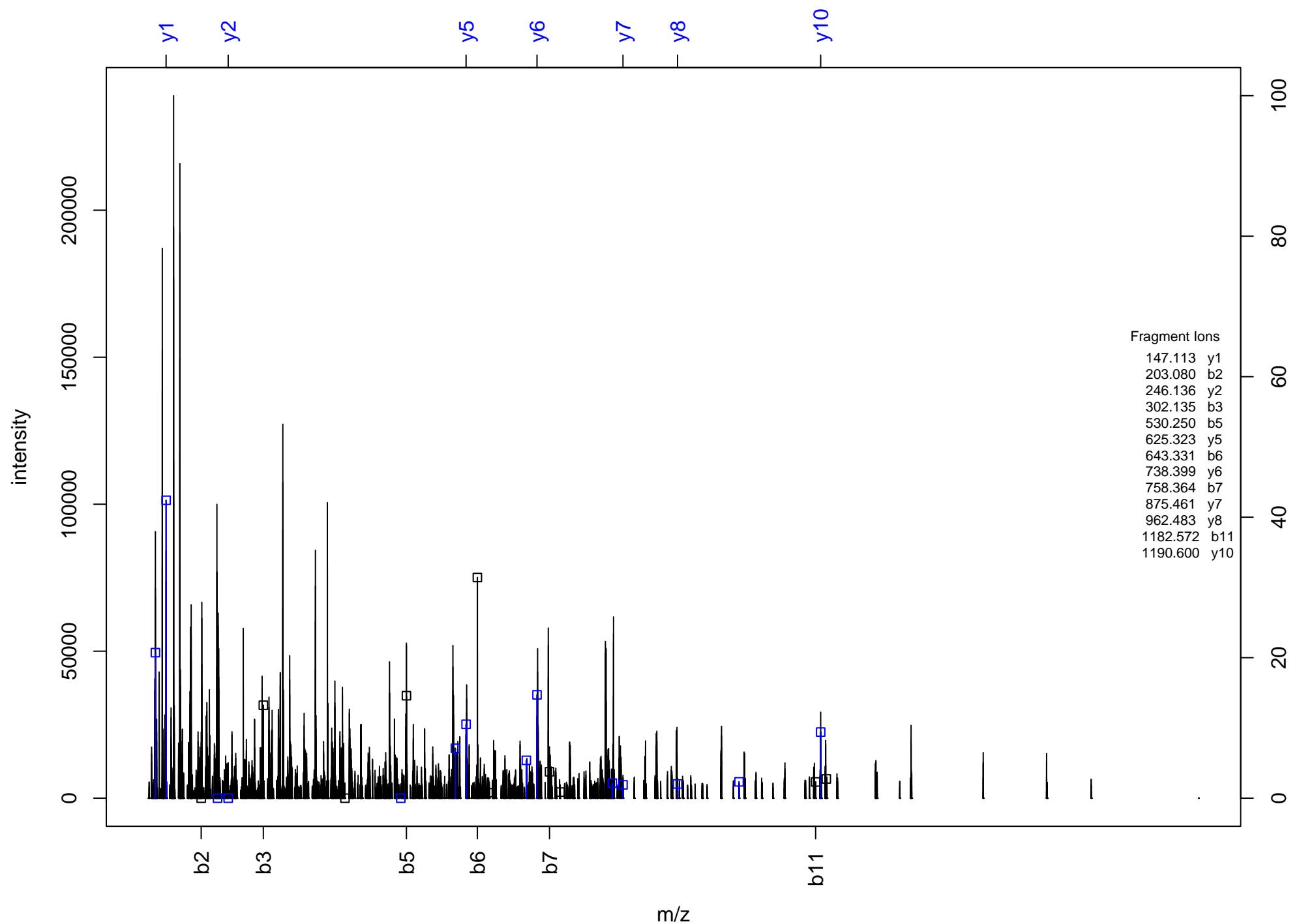
CPEPCPPPK



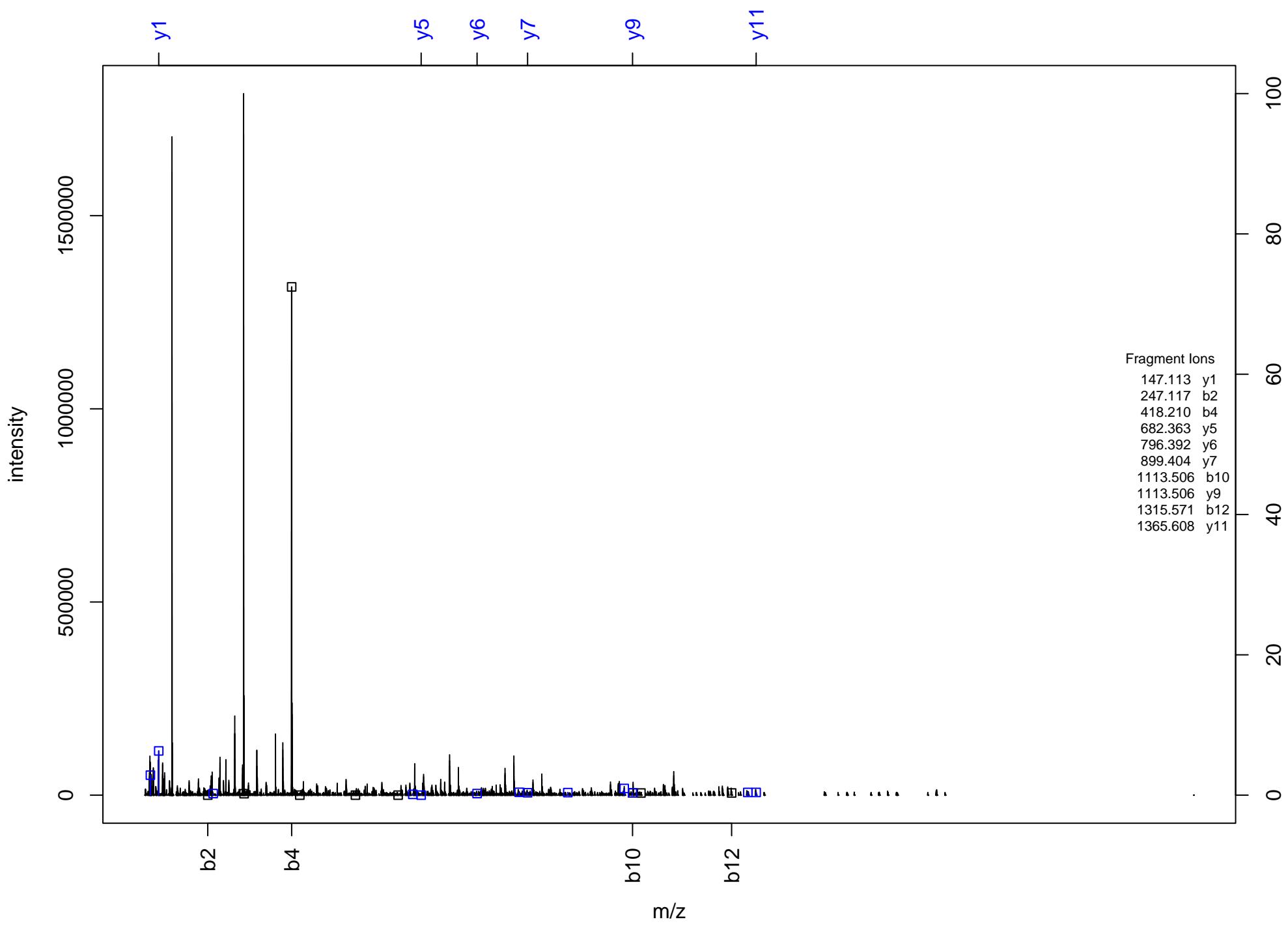
M*LLQ^N^YLQ^NRK



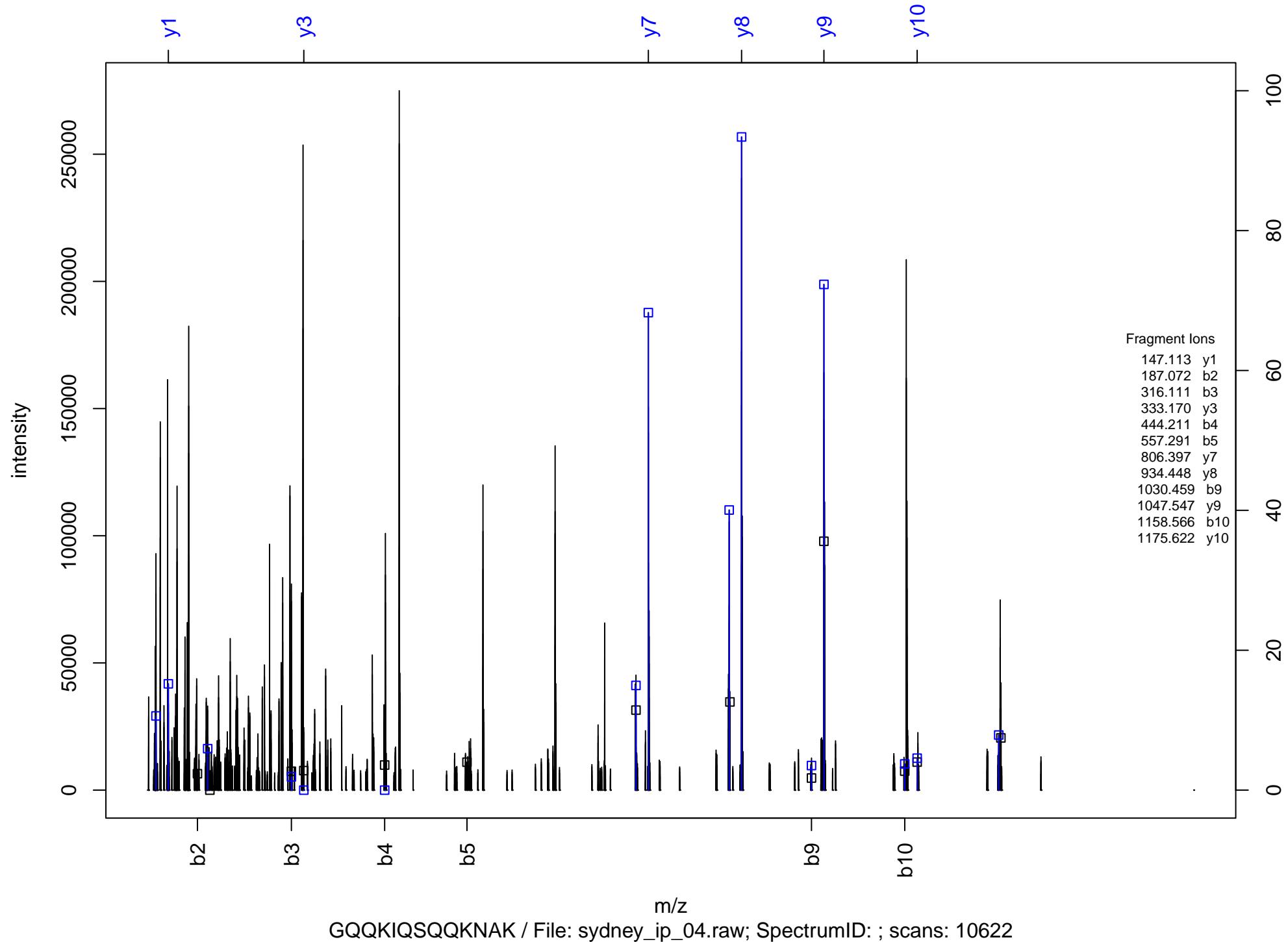
SN^VLN^LN^SHISQ^YVK



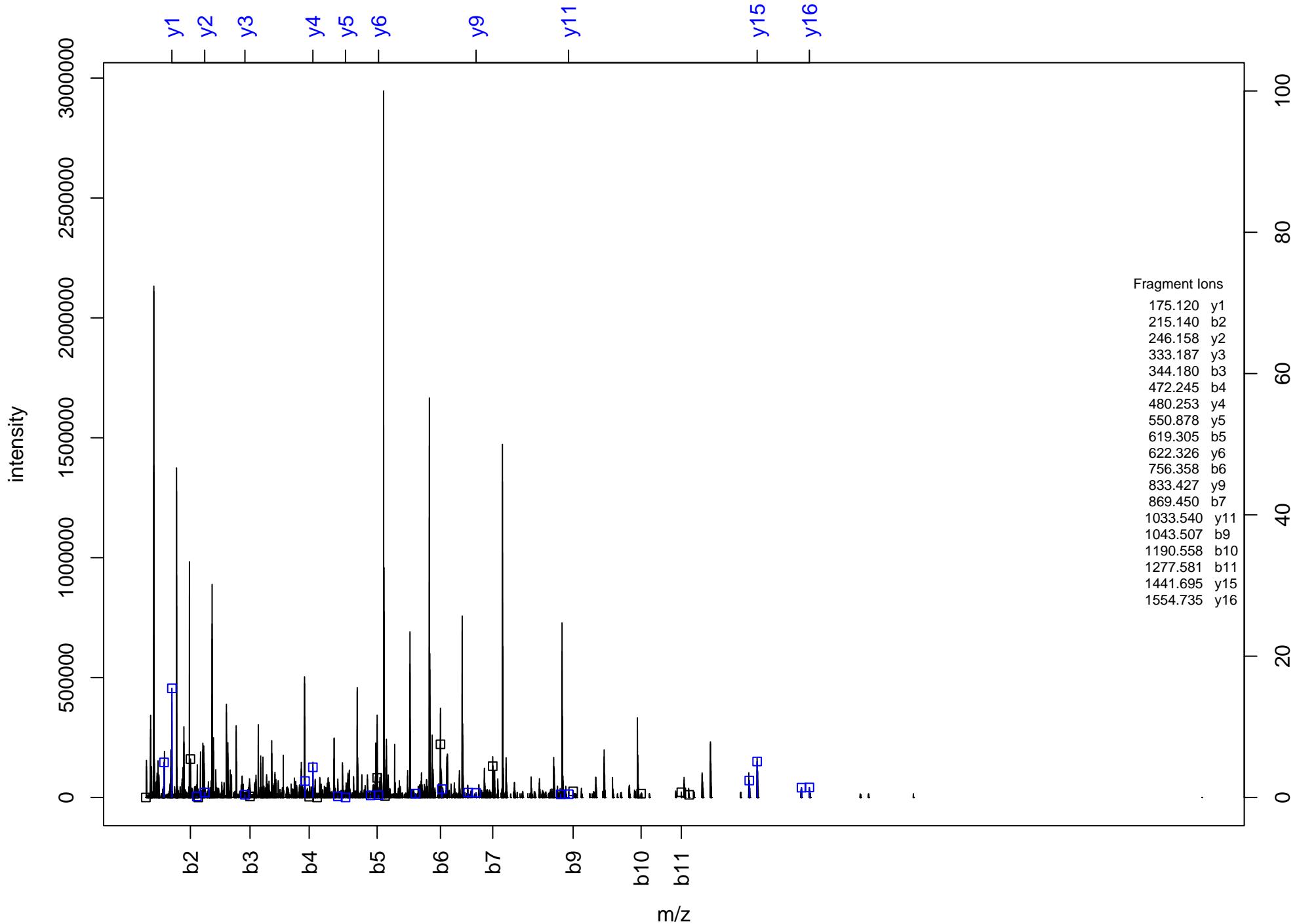
VFGNLSQDHDVCNFLM*QK



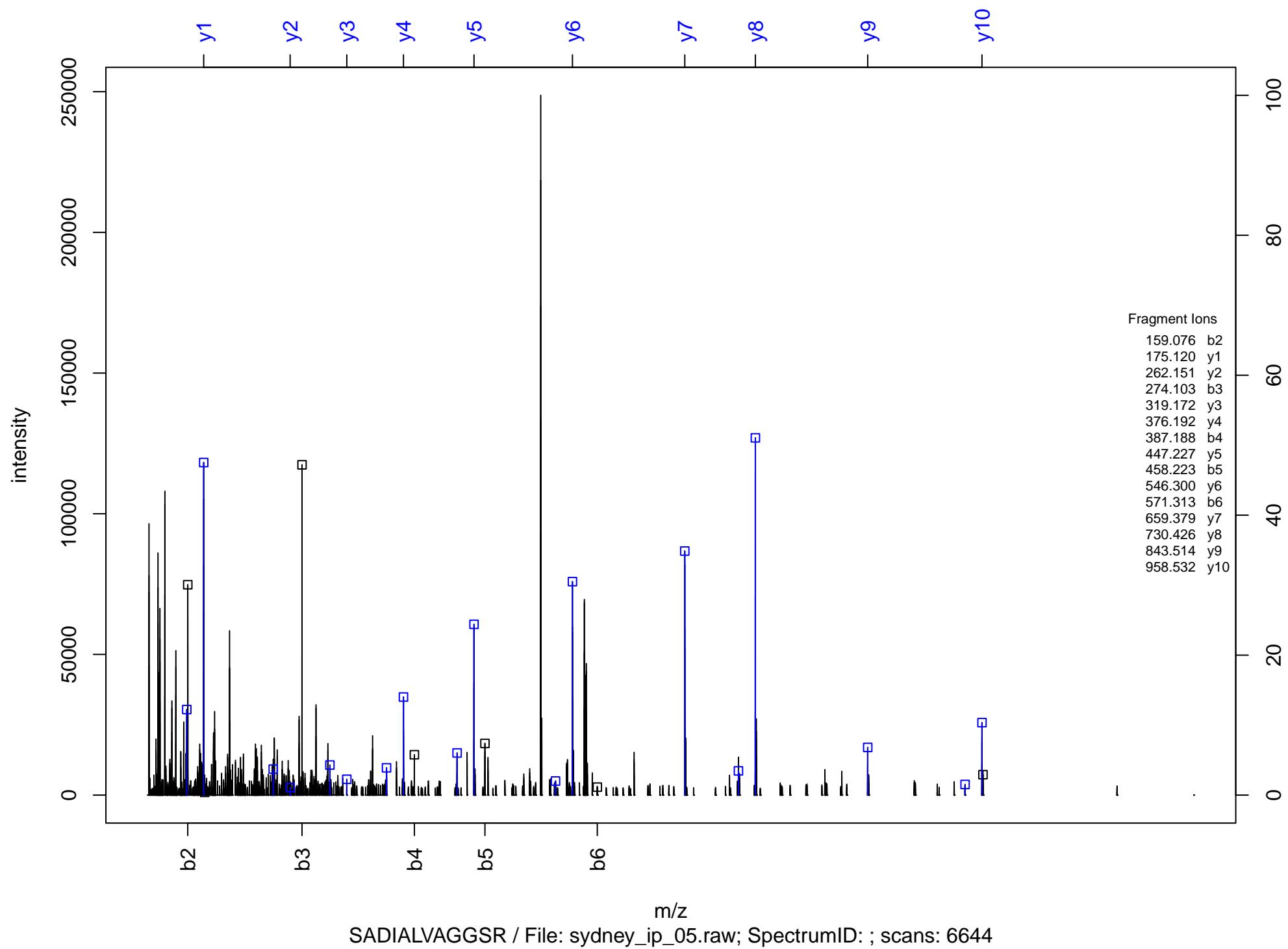
GQ^Q^AQ^Q^AKIQSQ^Q^AKN^Q^AK



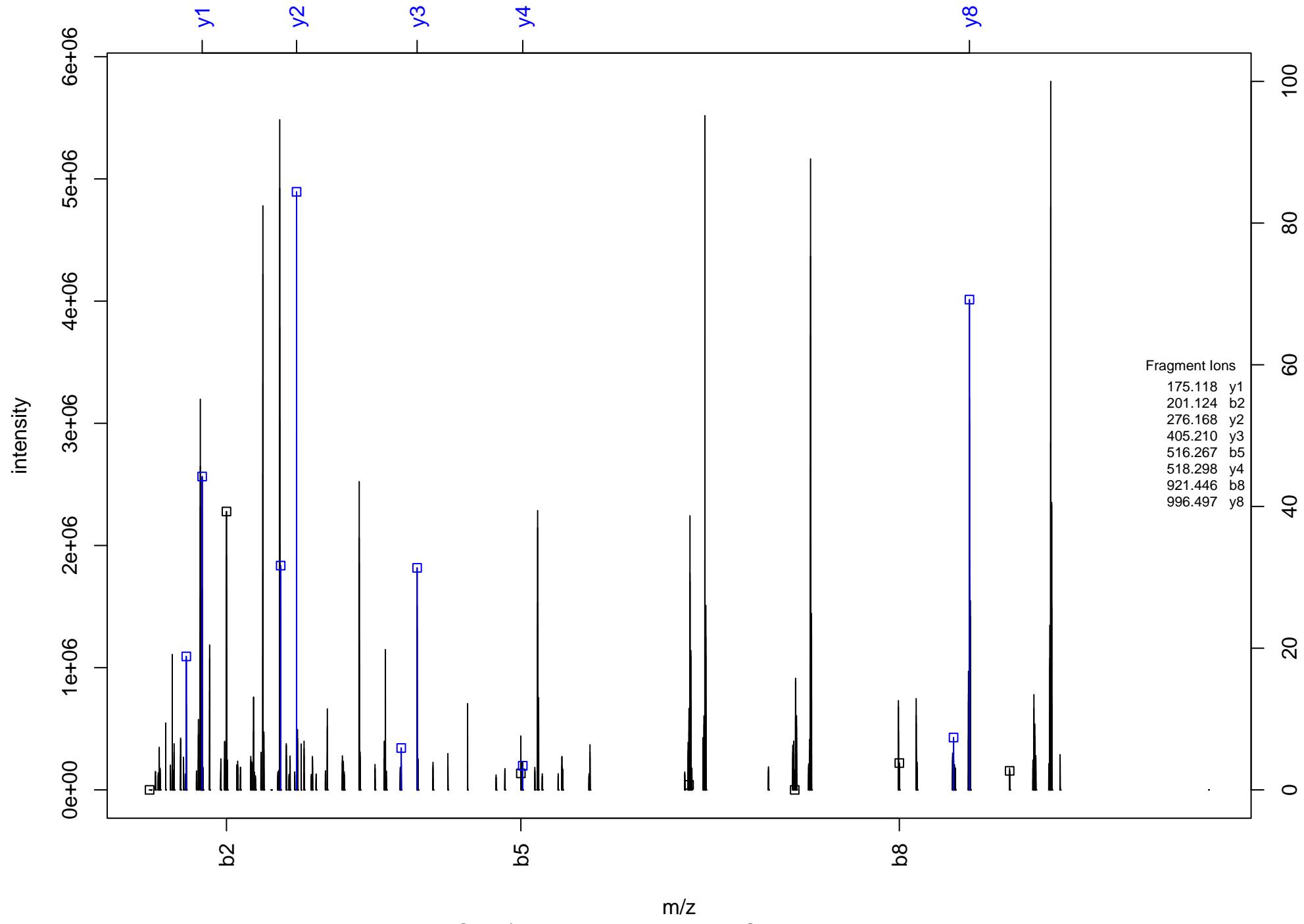
TLEQFHLSSM*SSLGGPAAFSAR



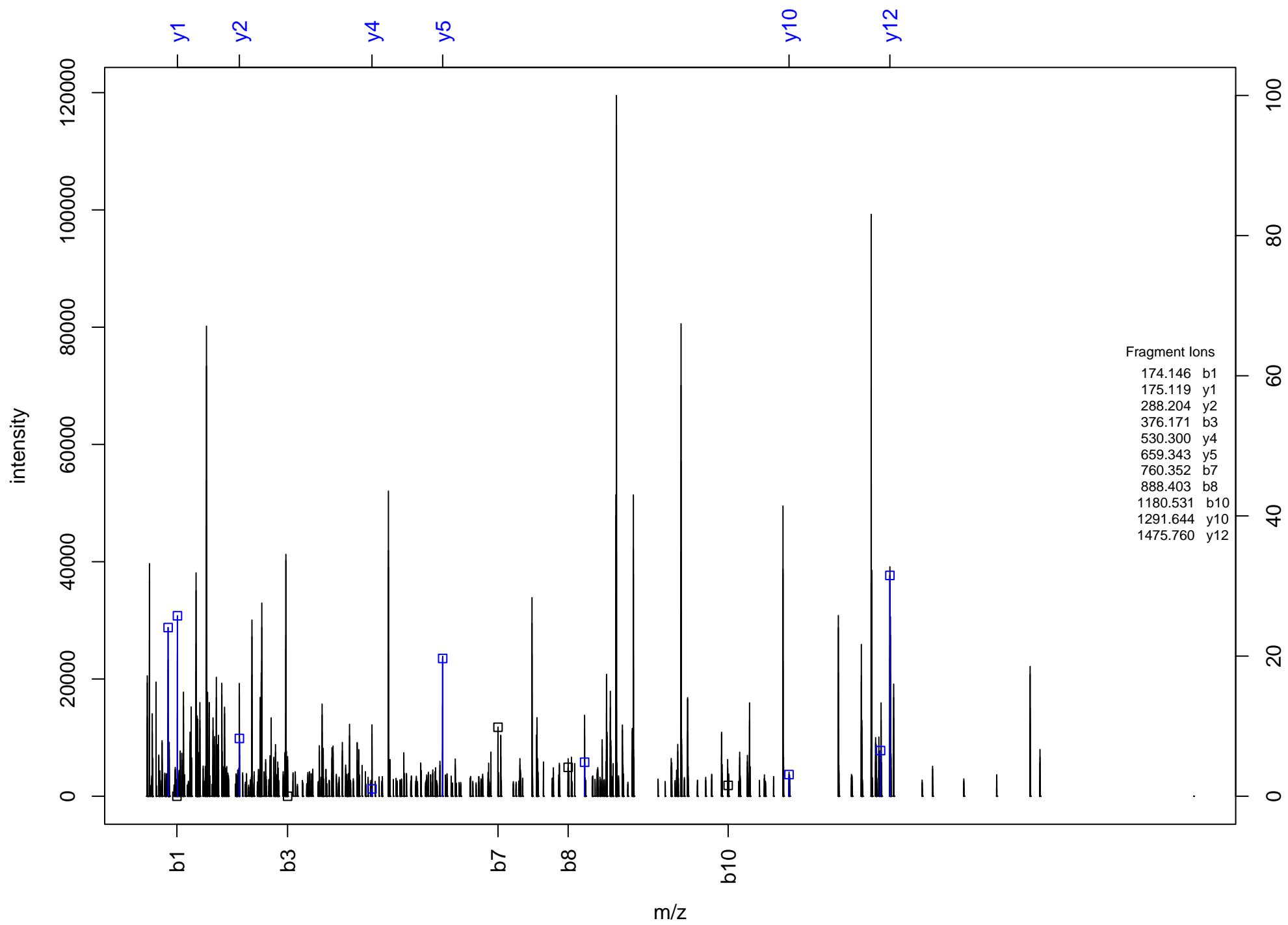
SADIALVAGGSR



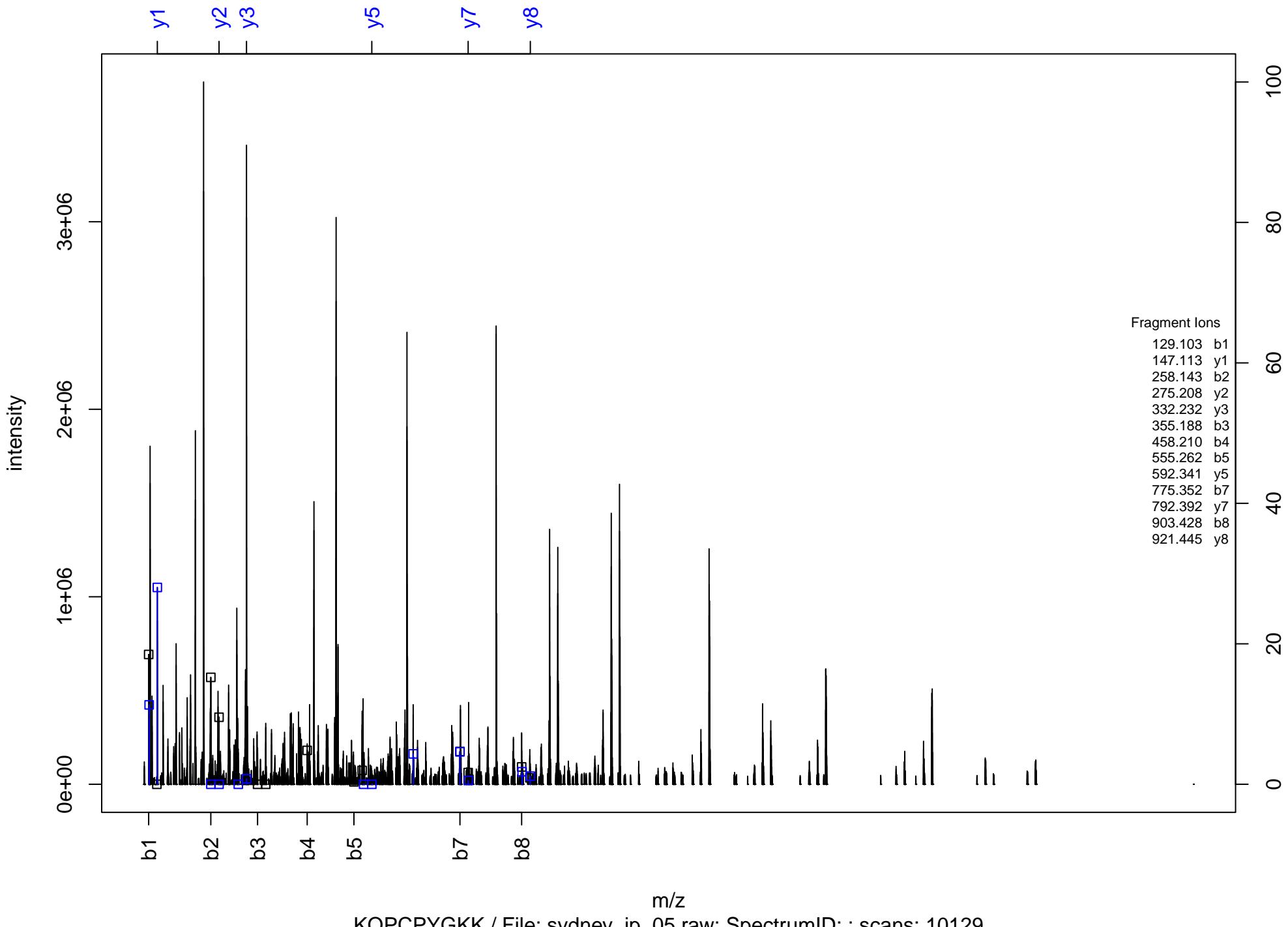
TVTN^VYIQ^TR



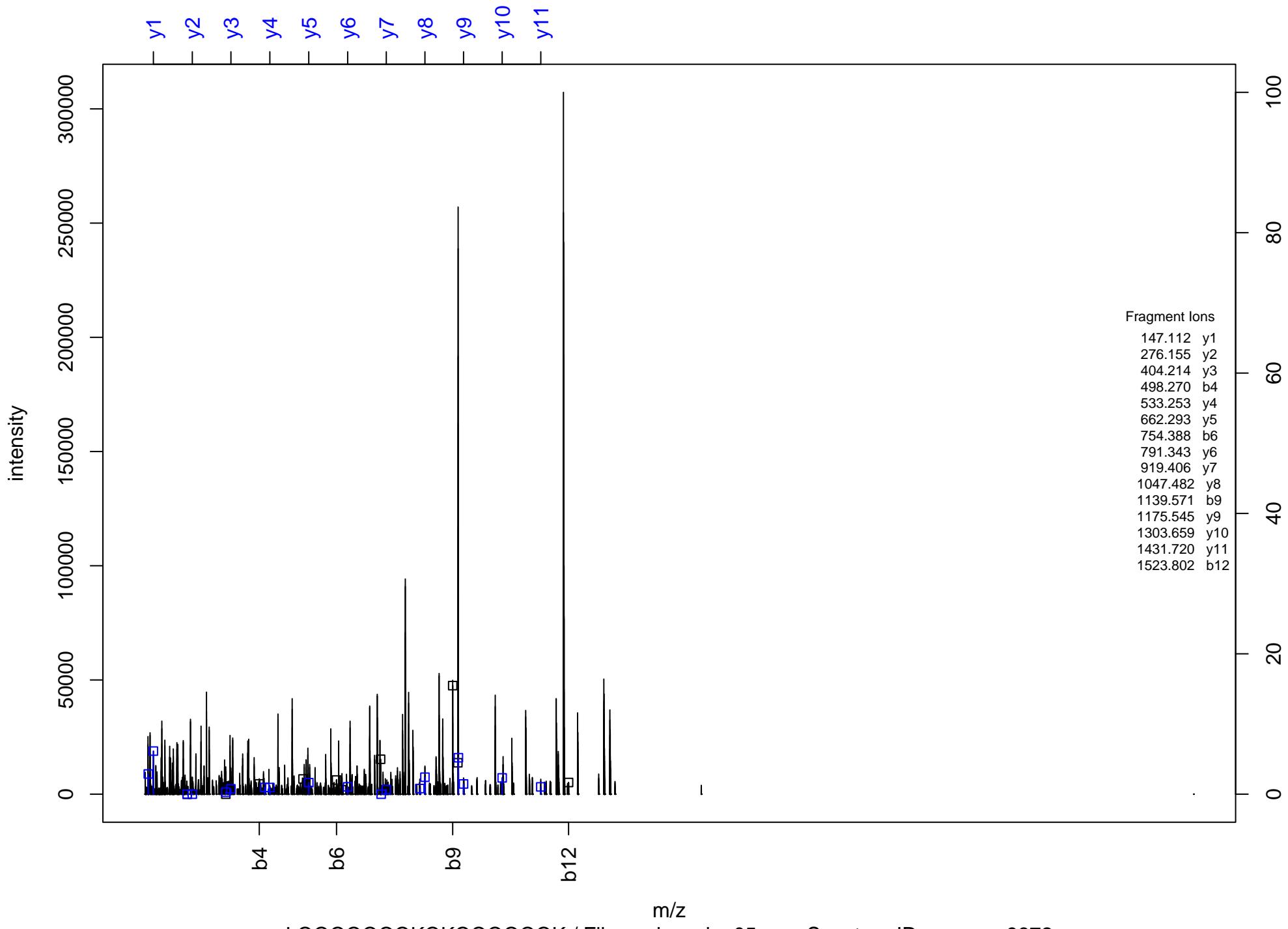
(Ac)MDSTLAVQQ^YI^Q^YQNIR



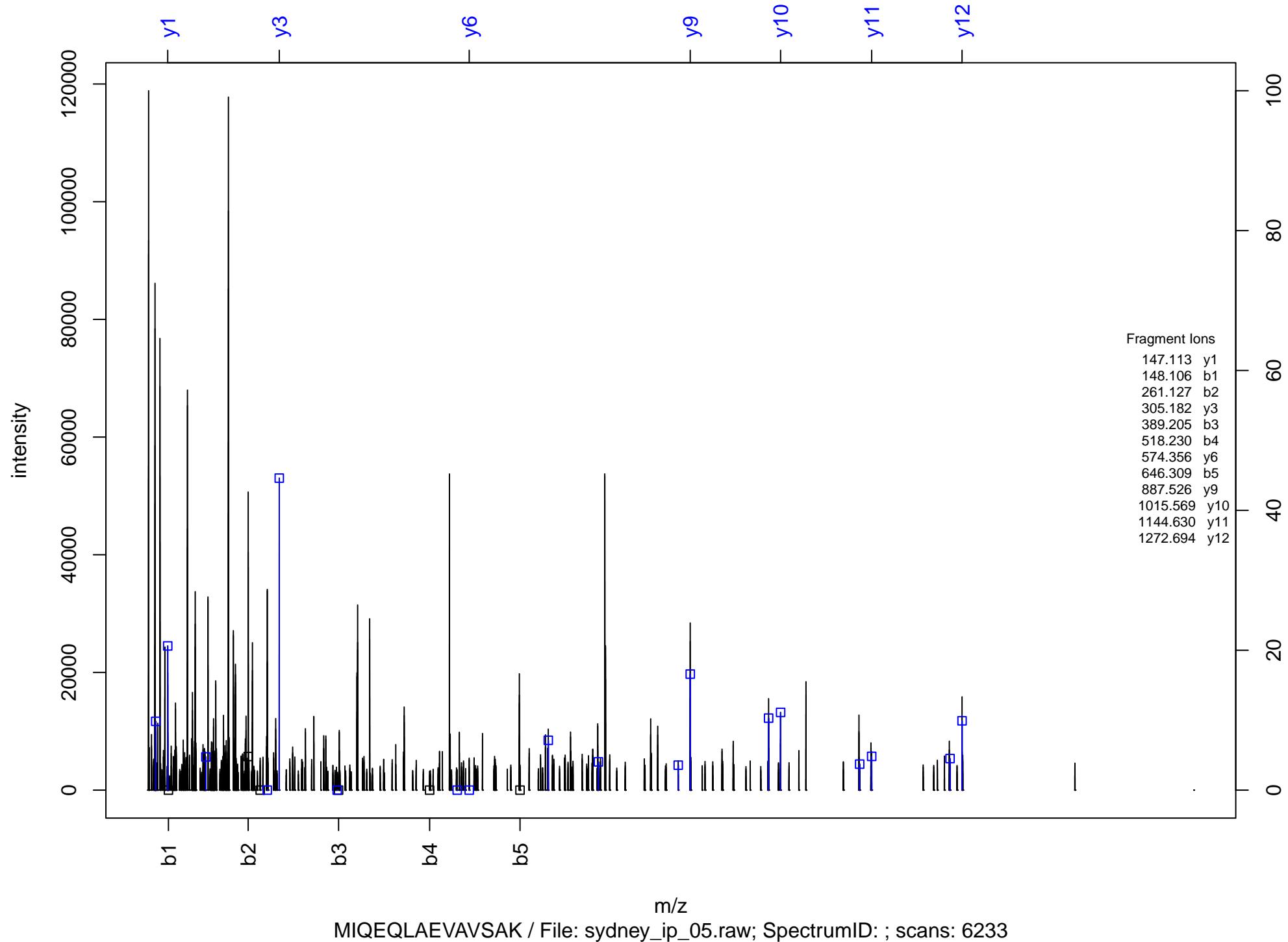
KQ^APCPYGKK



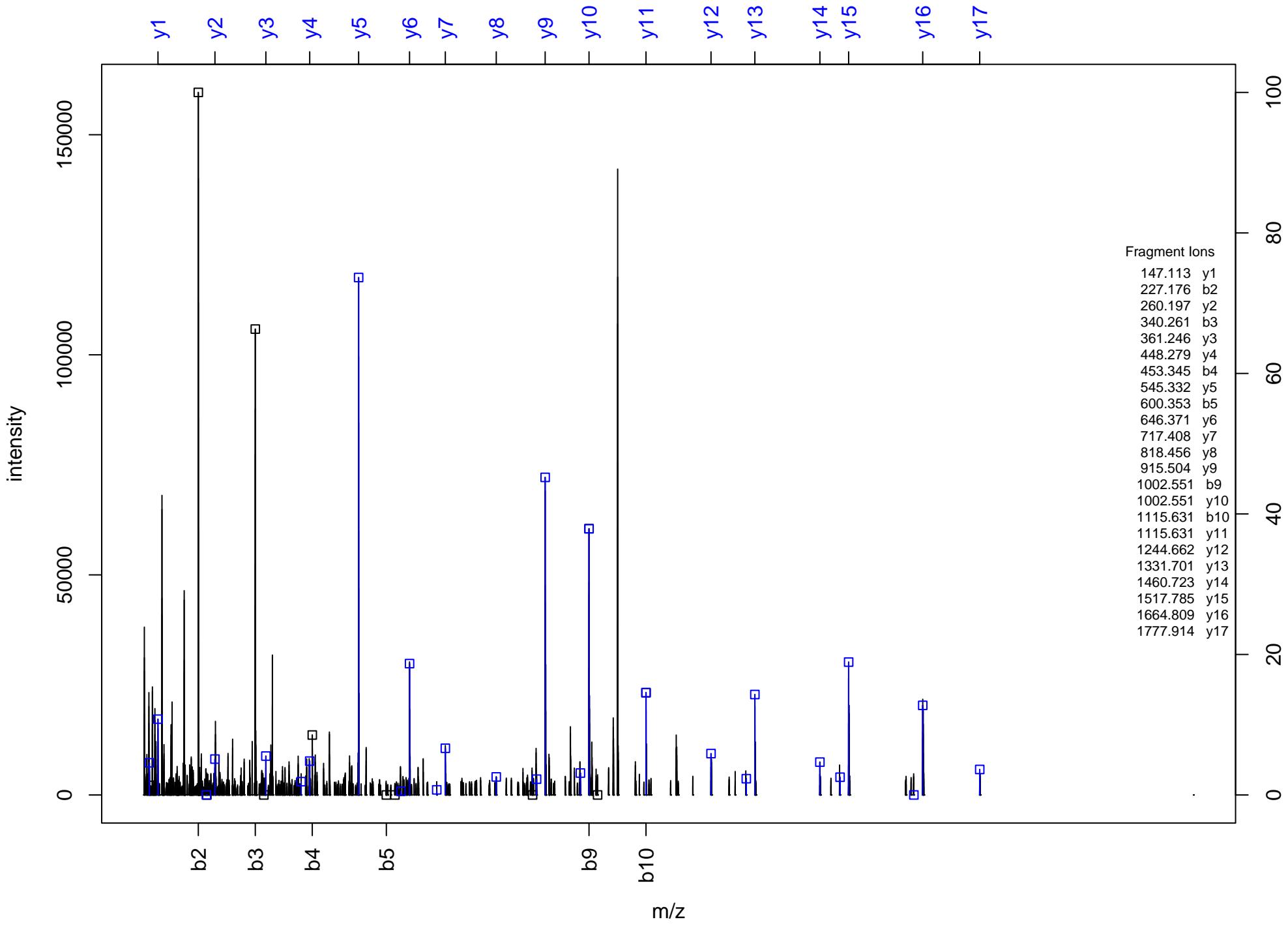
LQQQQQQQ^KQKQKQQ^Q^Q^QQ^K



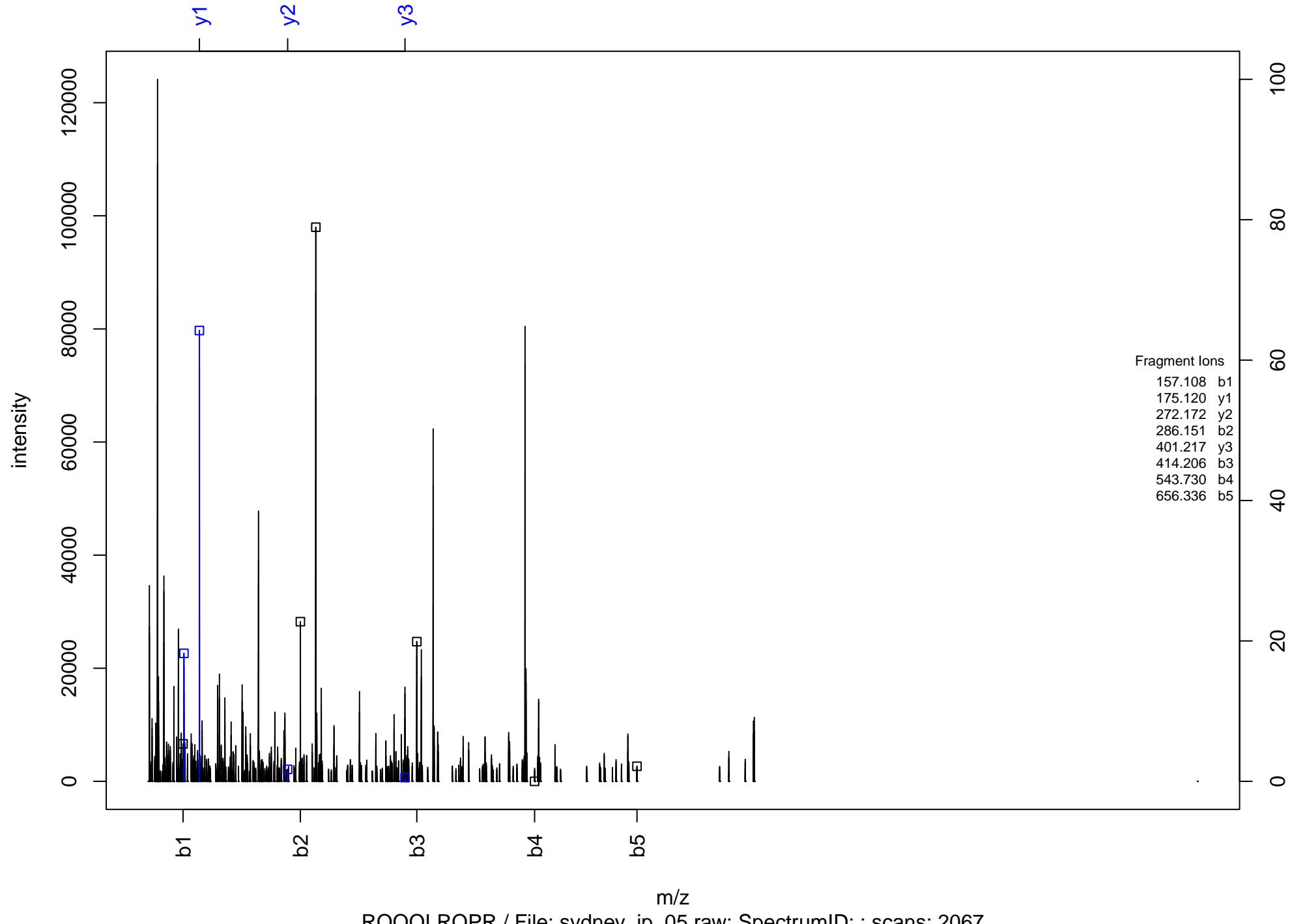
M^{*}IQEQLAEVAVSAK



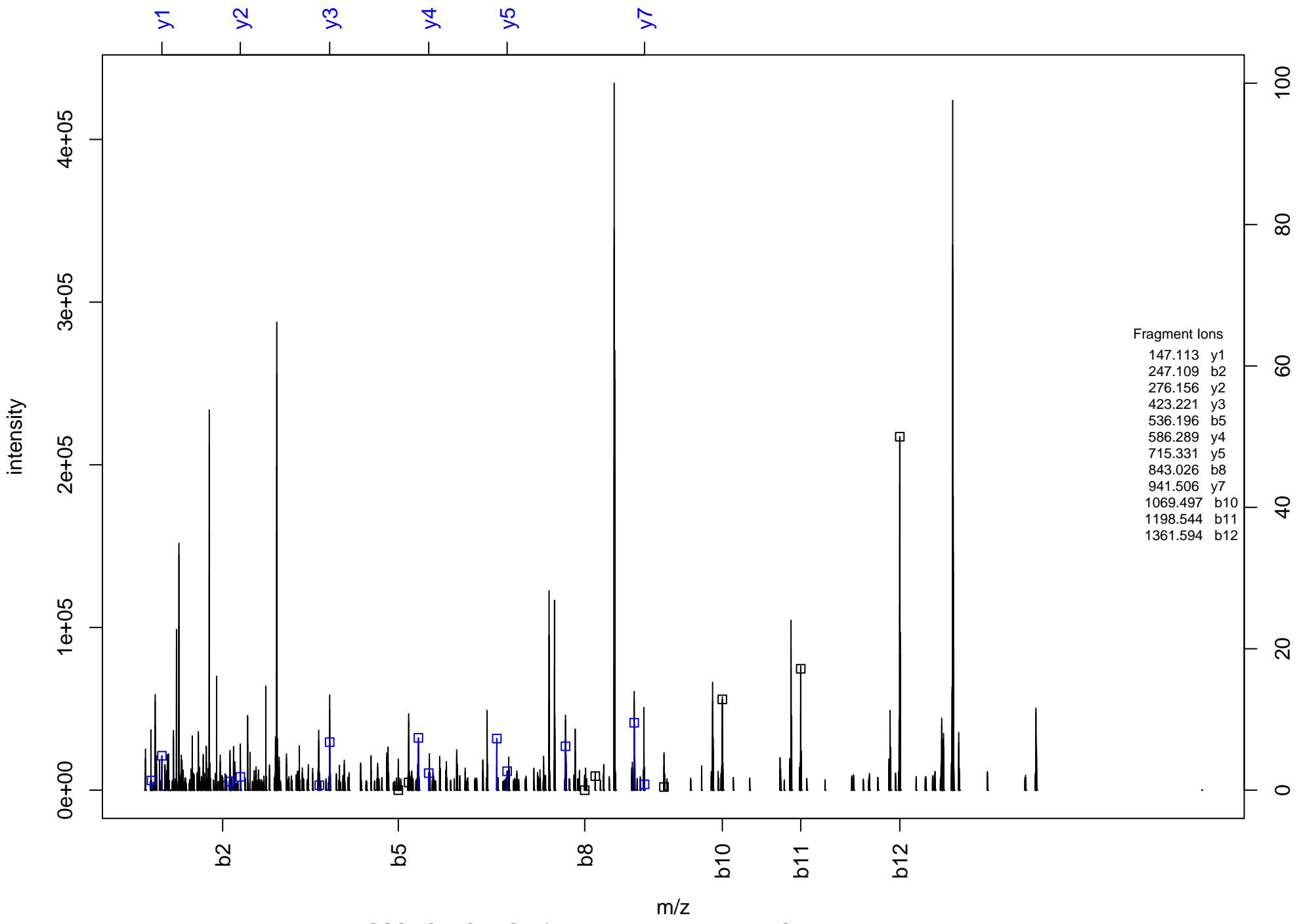
ILLLFGESELSPTATPSTLK



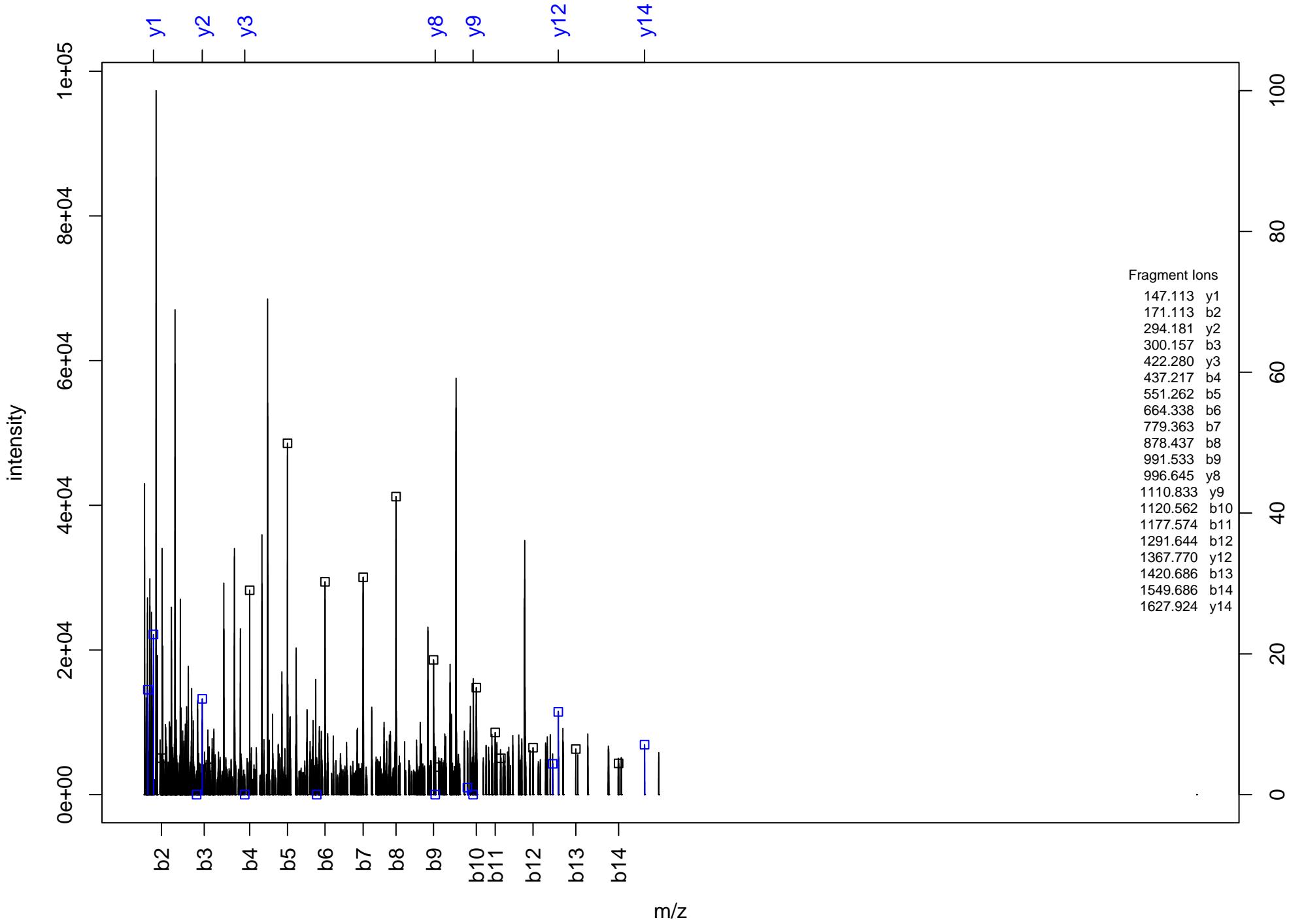
RQ⁺QQ⁺LRQ⁺PR



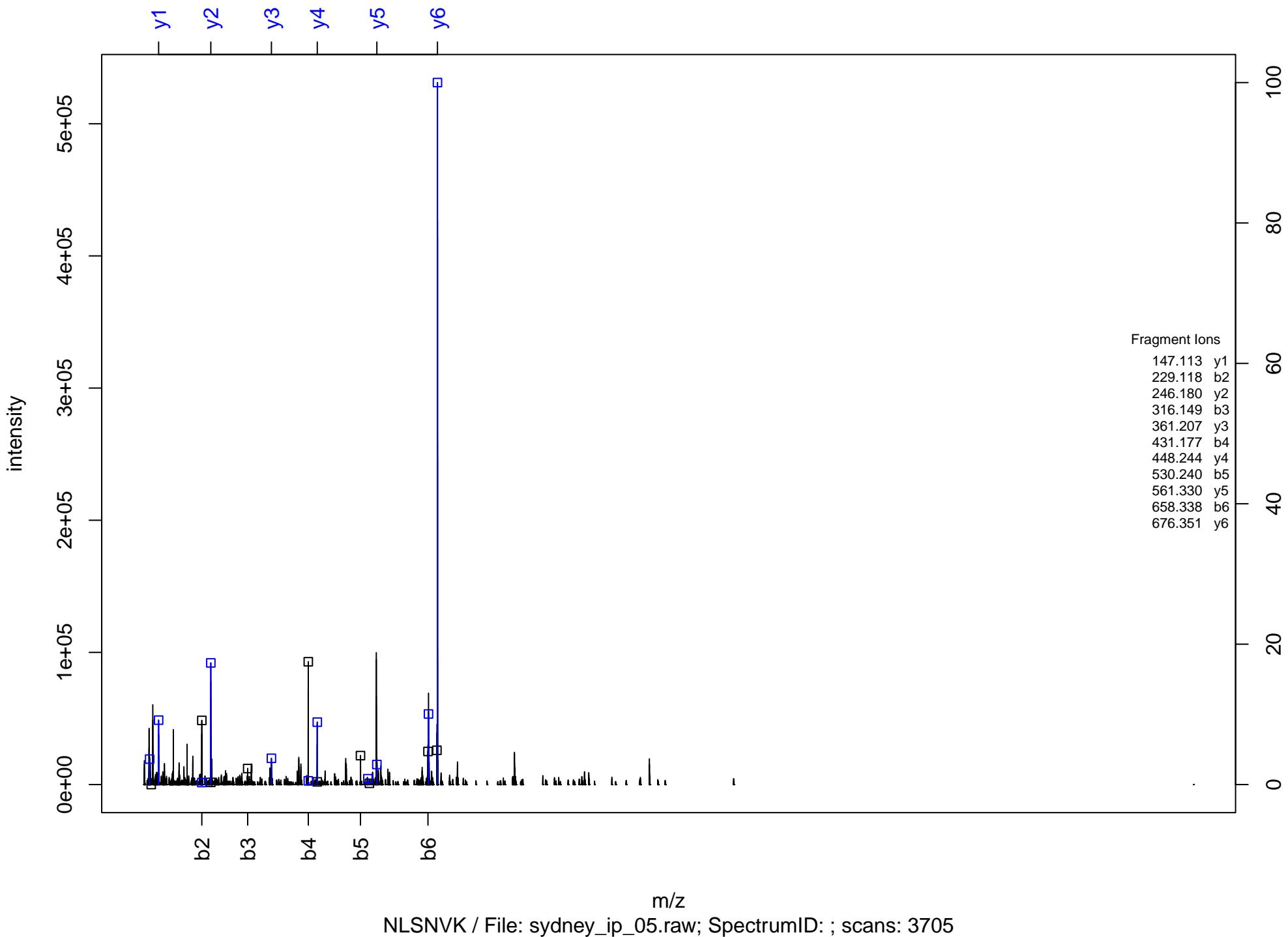
M*VDSSSYGLLQ^YFQ^K



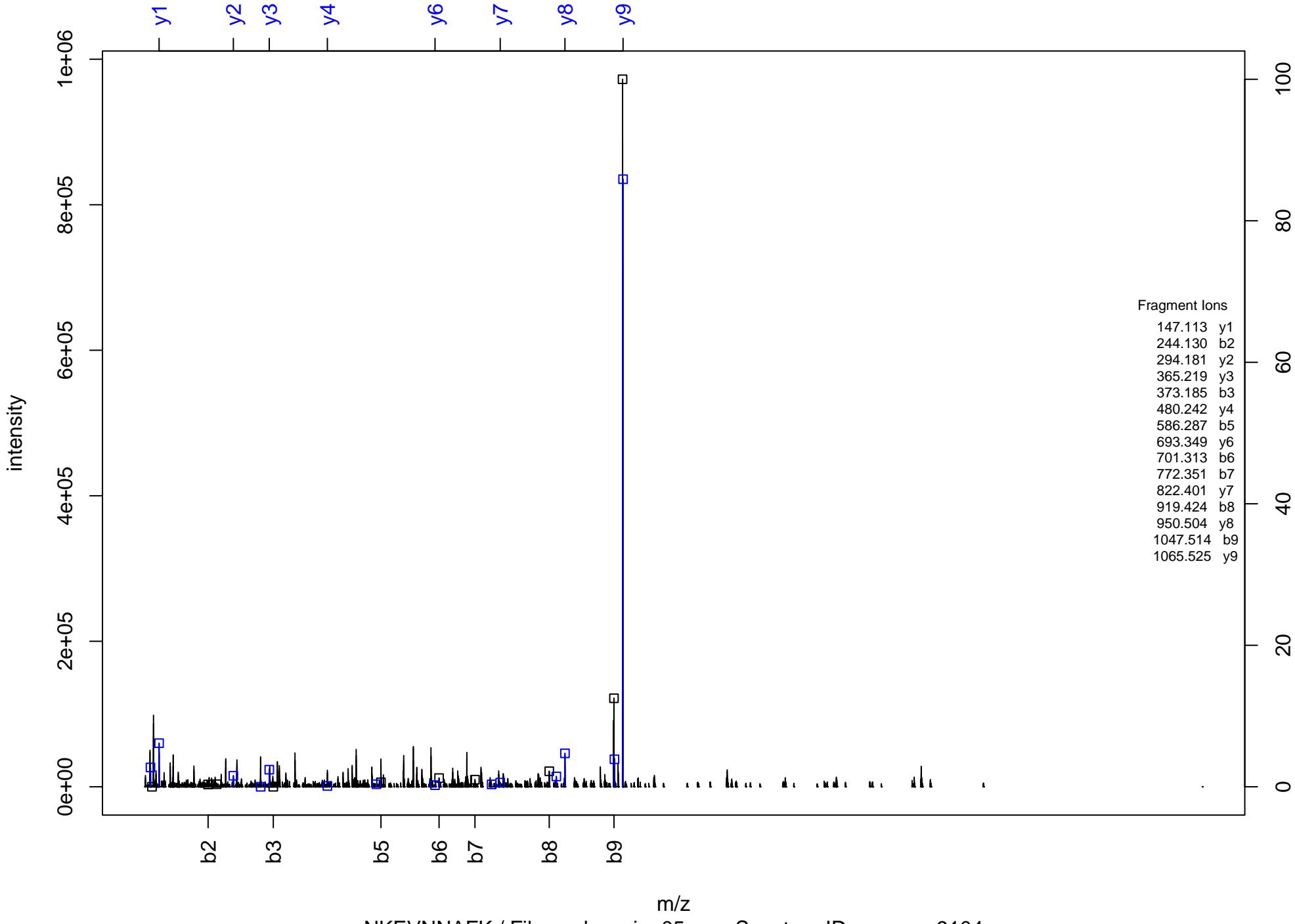
LGEHNIN^VLEGNEQ^FIDAANIVKHPKF



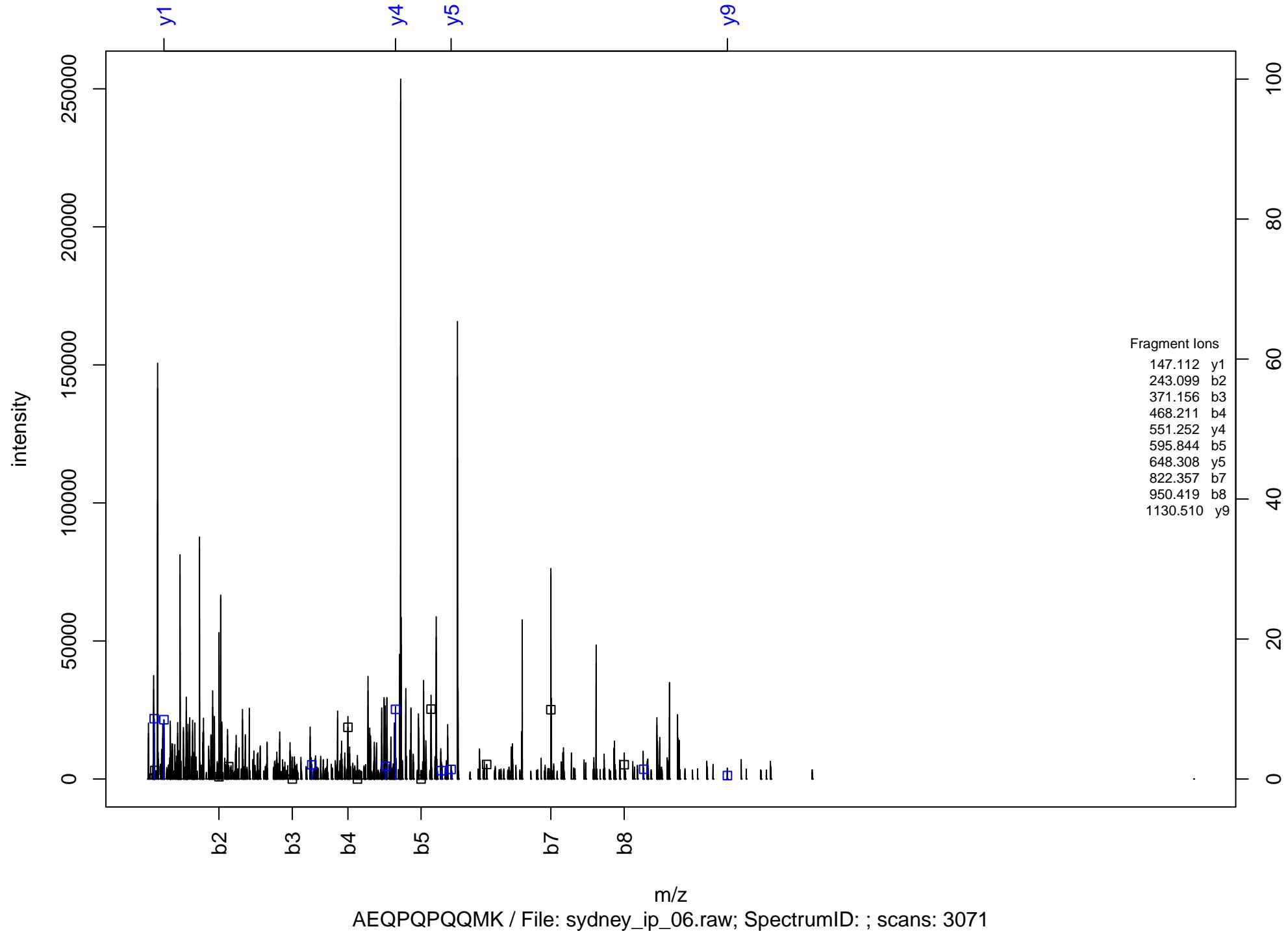
N^LSN^VK



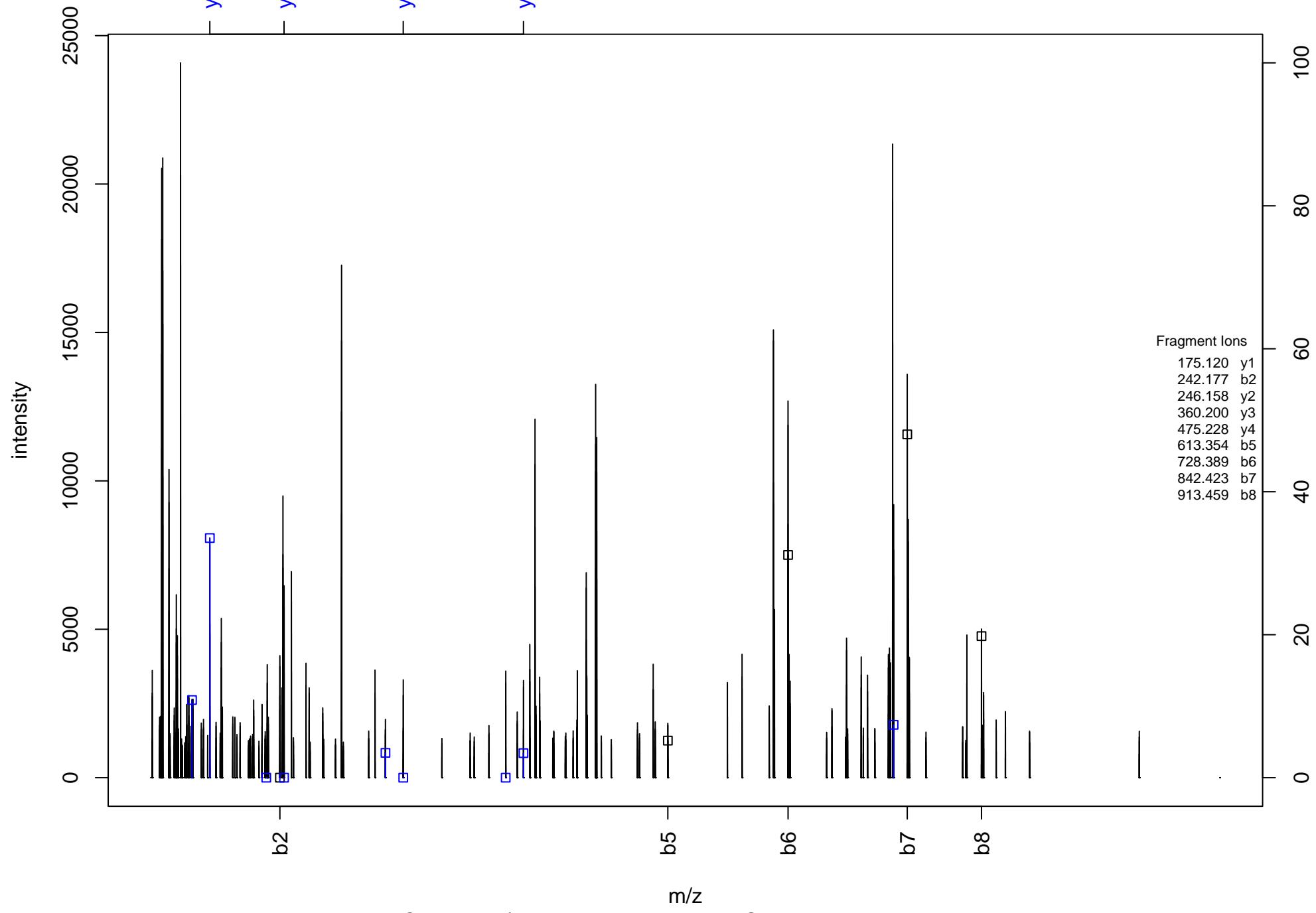
N^KEVNN^AFK



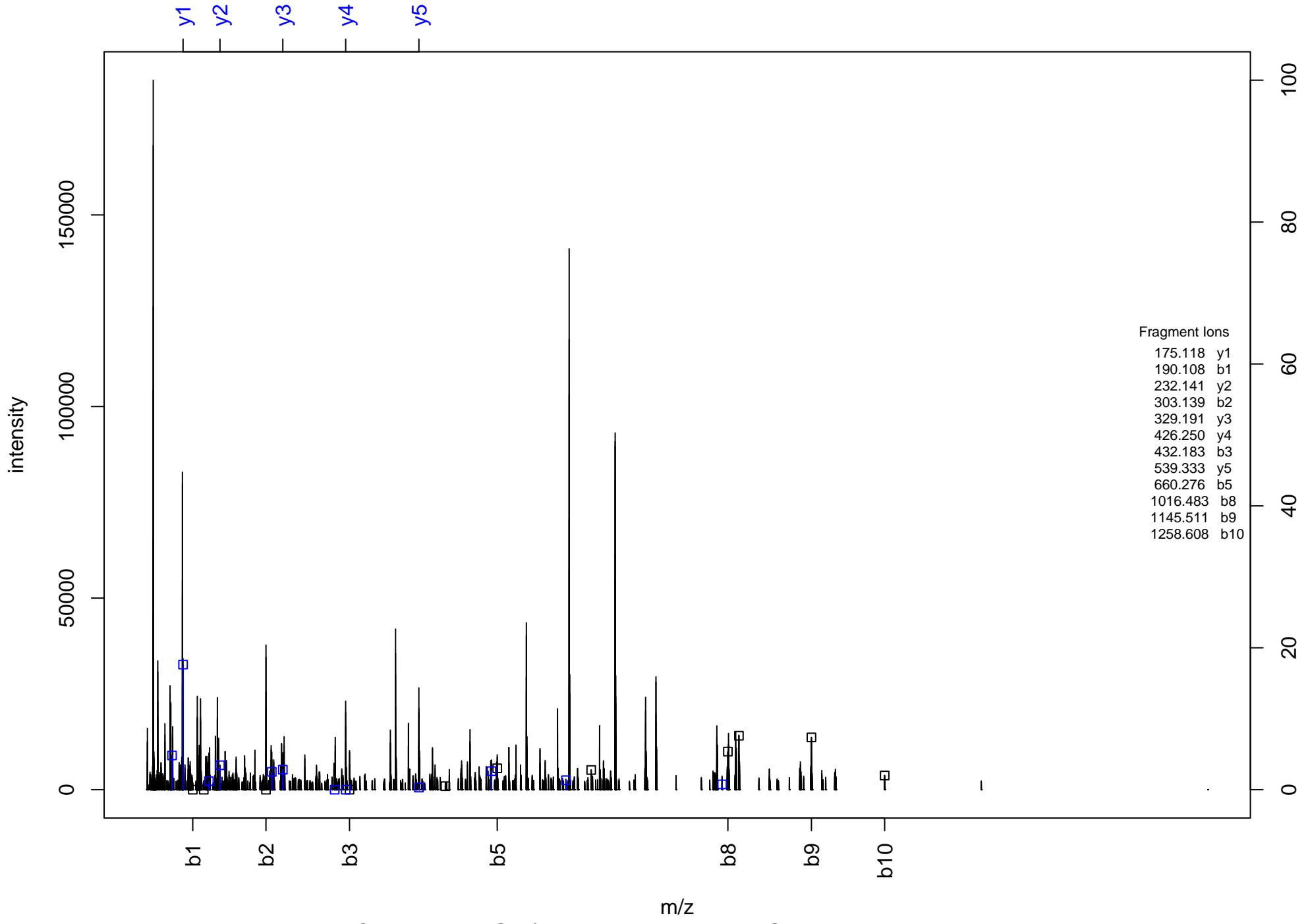
(Ac)AEQPQPQ^{QM}*K



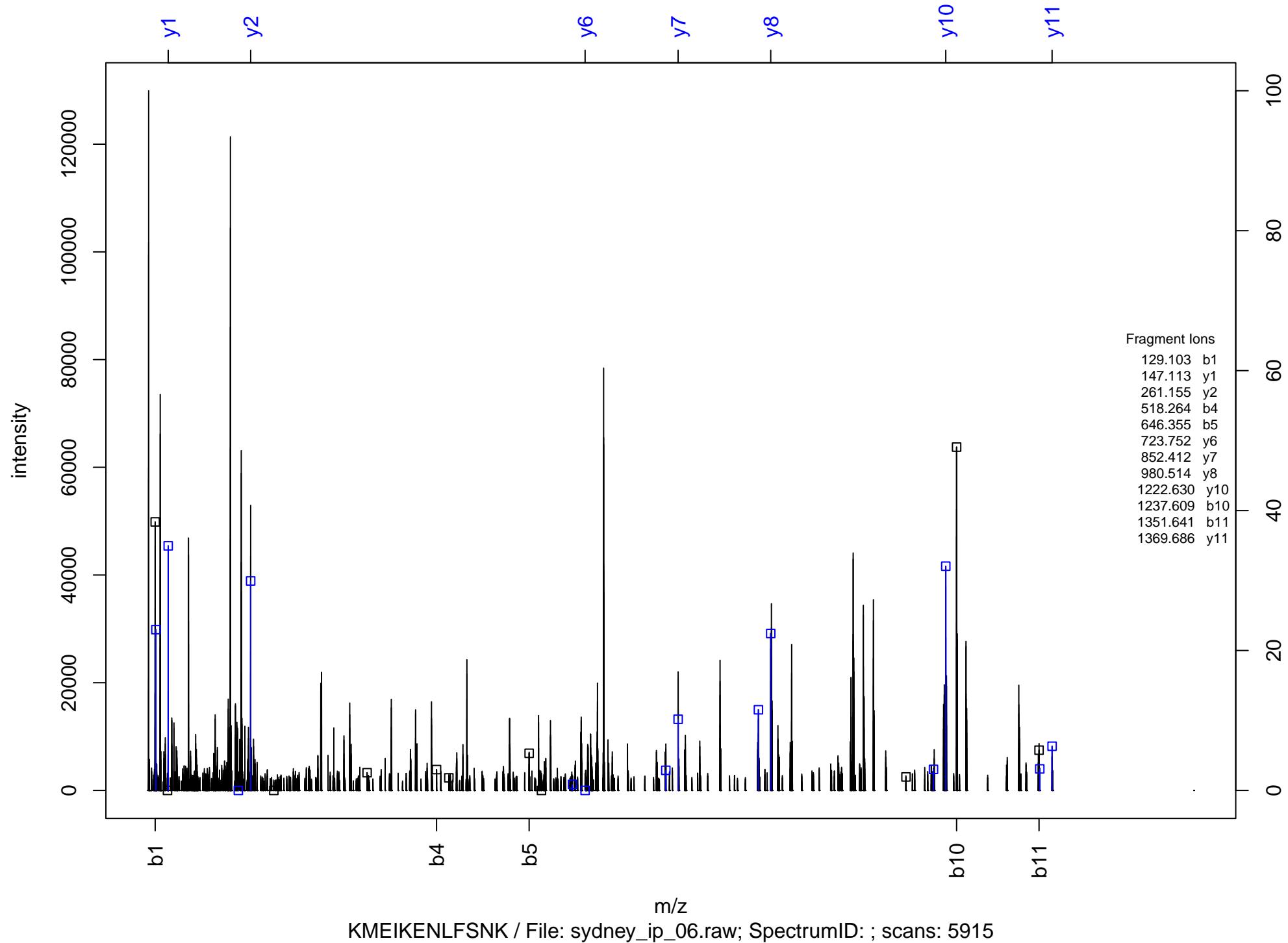
LKQ^EIDNAR



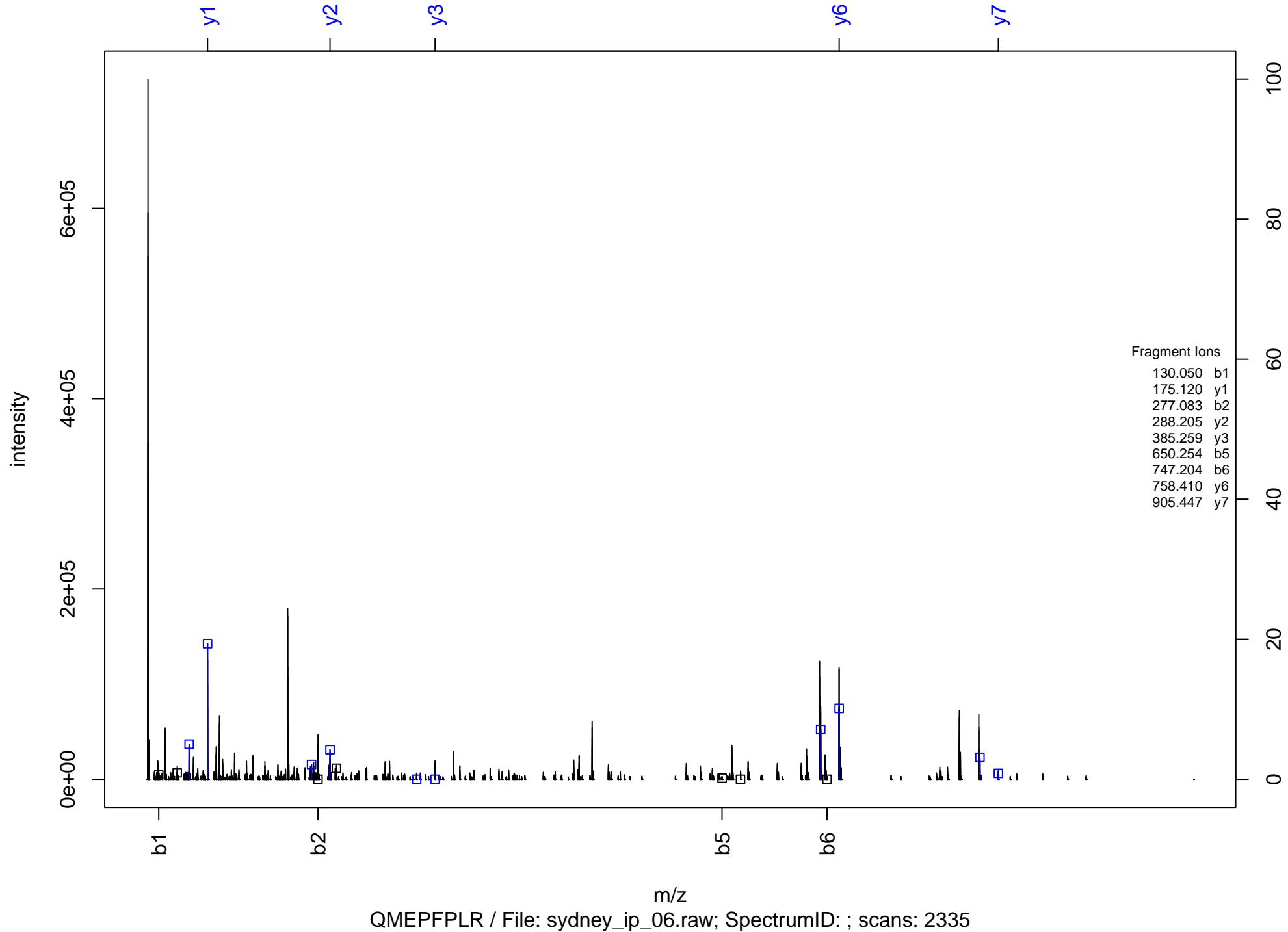
(Ac)M*LQ^MPKLN^EIPPGR



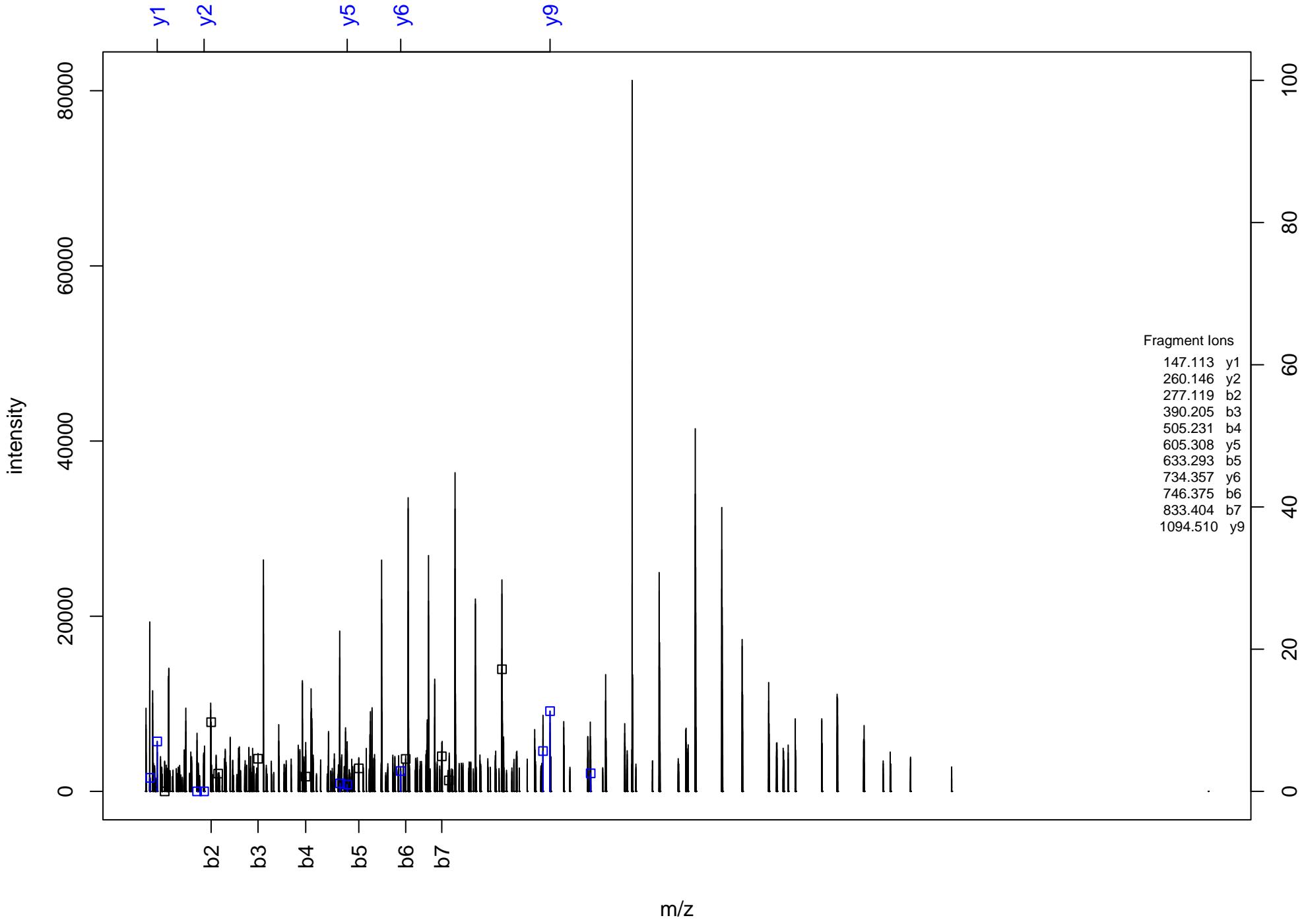
KM*EIKEN^LFSNK



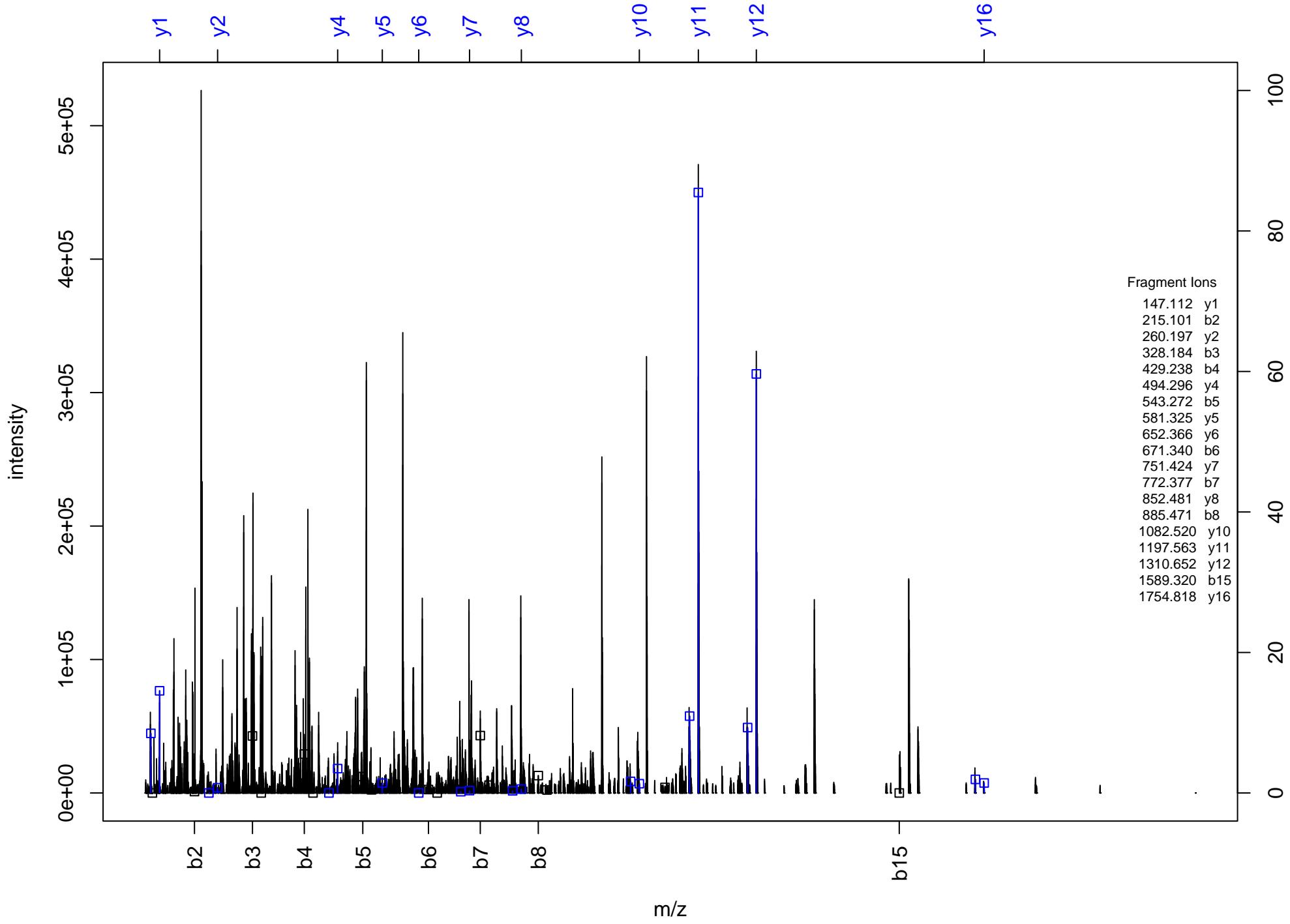
Q^AM^{*}EPFPLR



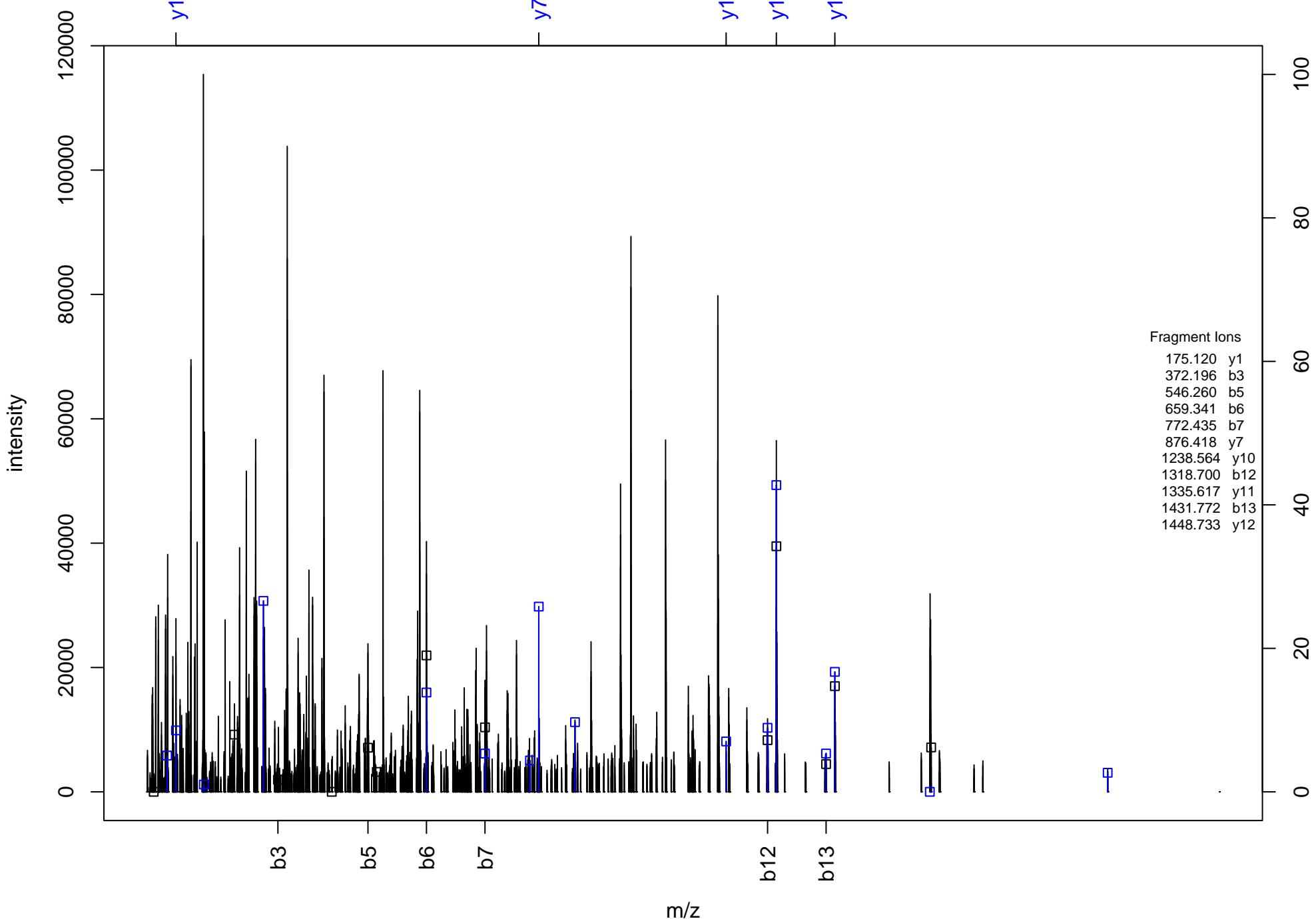
FEIDQLSKN^LQ^N^CKQ^EN^ETLK



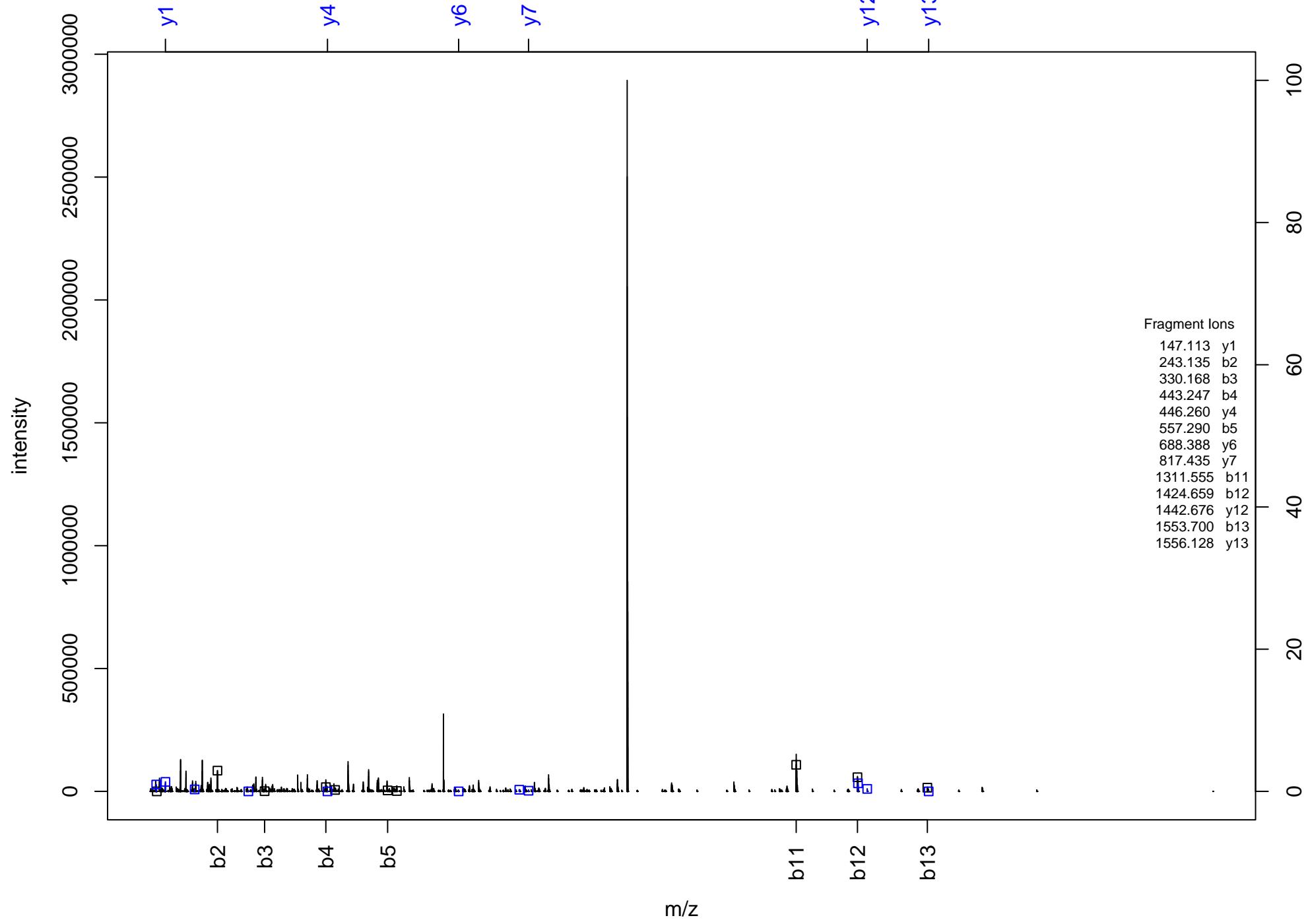
N^VITNQTLN^N^DTVASSFLK



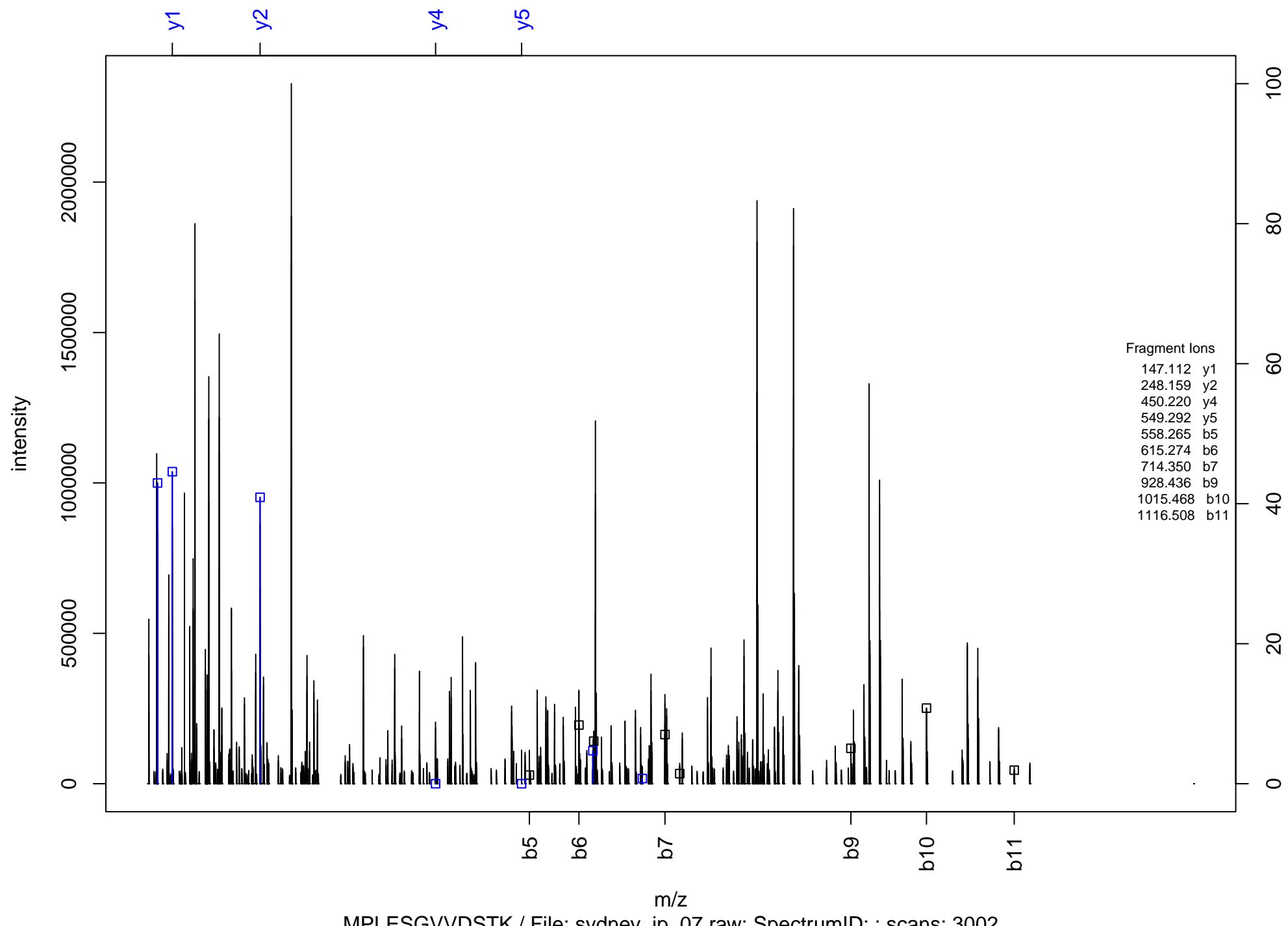
NRTSSLLPKM*SSLWEN^AR



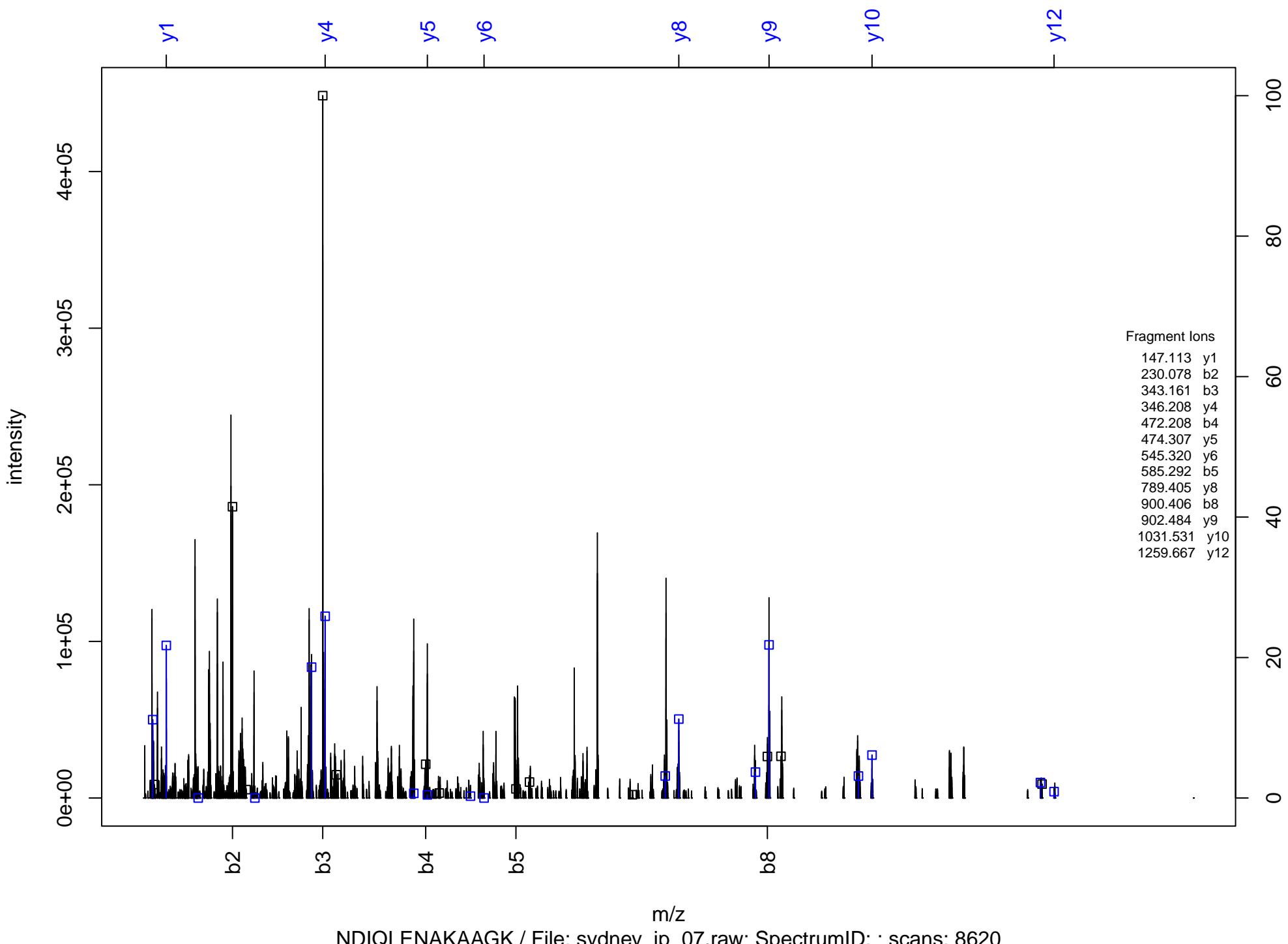
IQ^SLNAQ^N^YFQ^LEEVAK



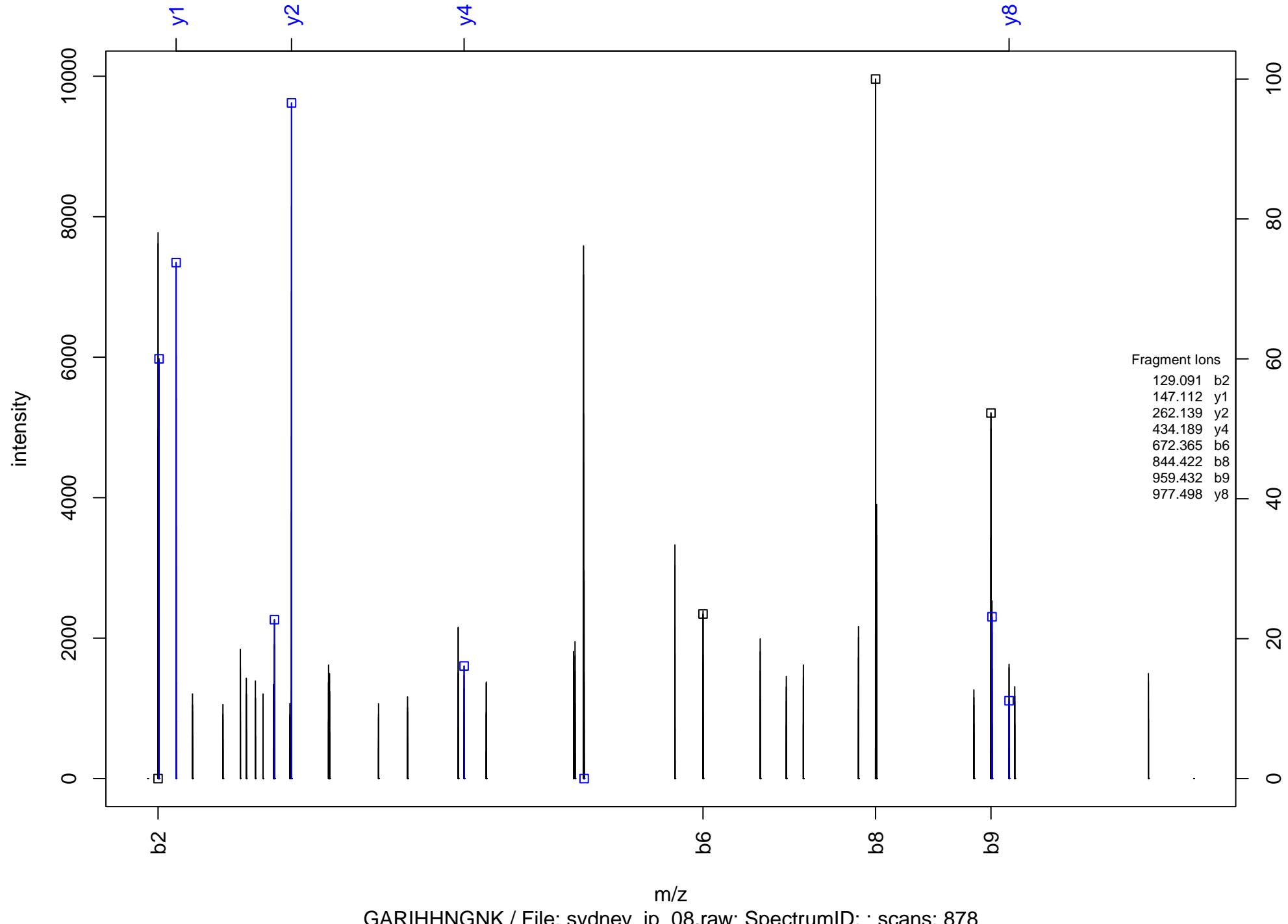
MPLESGVVDSTK



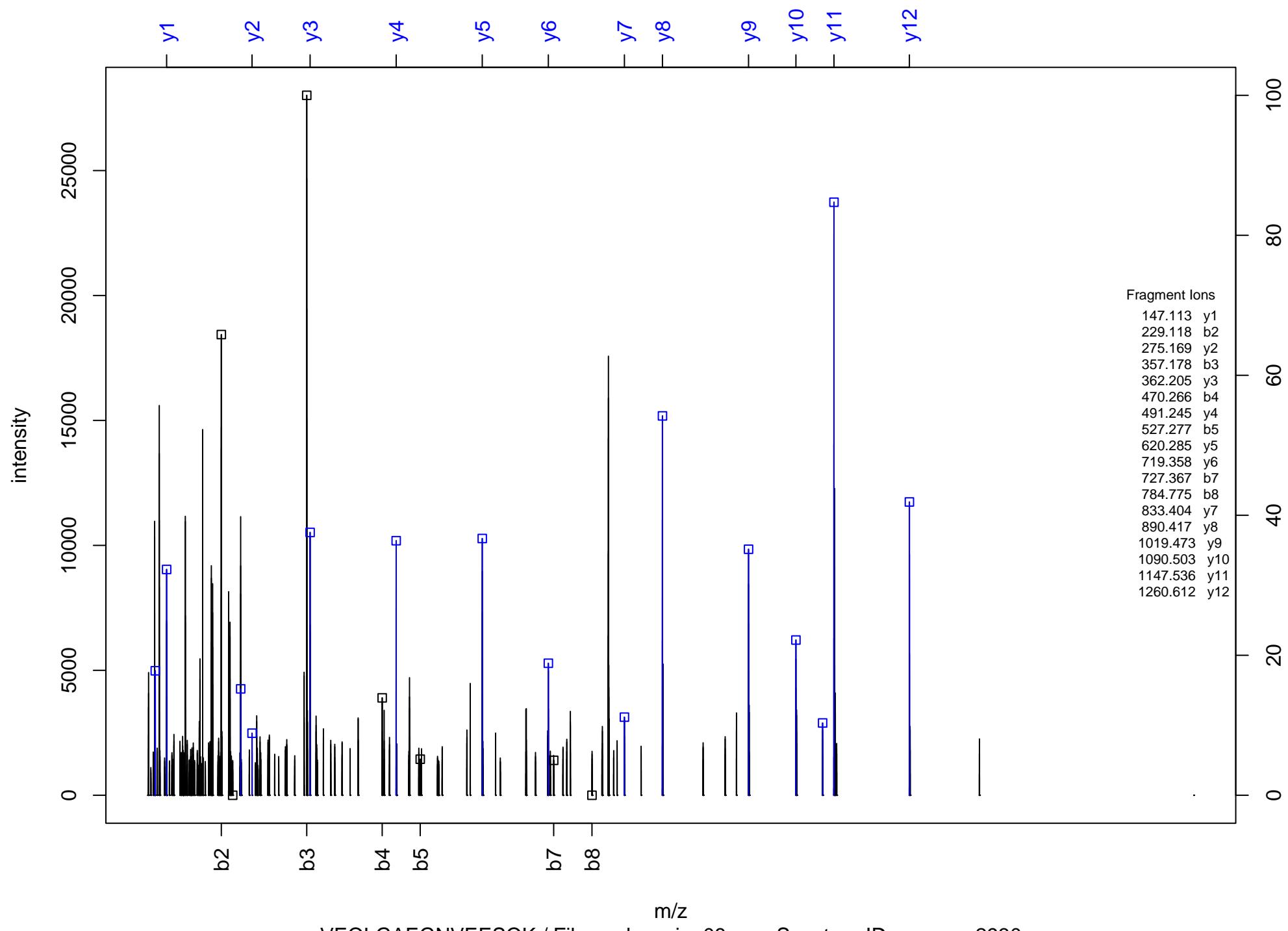
NDIQ^LEN^AKAAGK



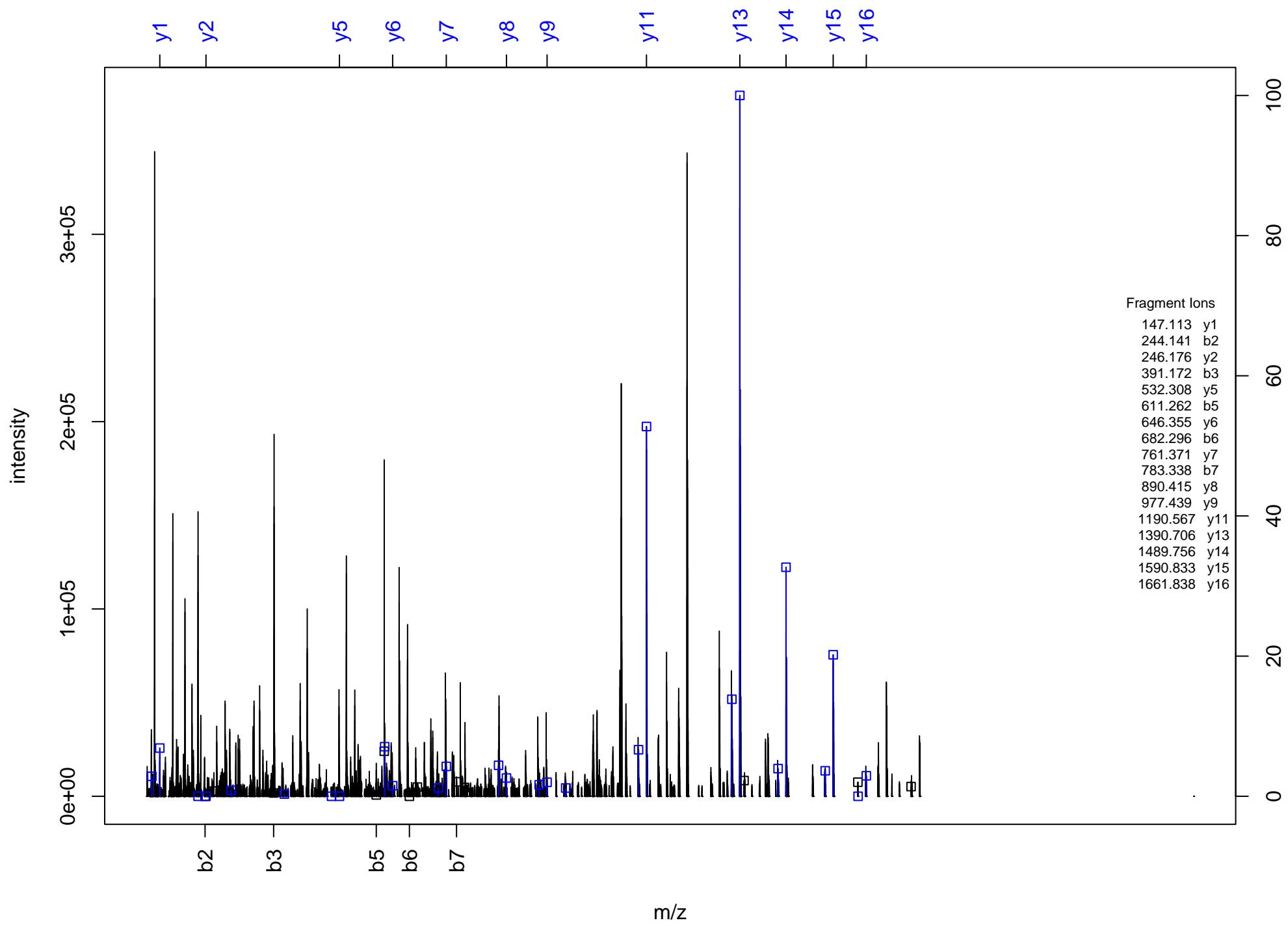
GARIHHN^AGN^AK



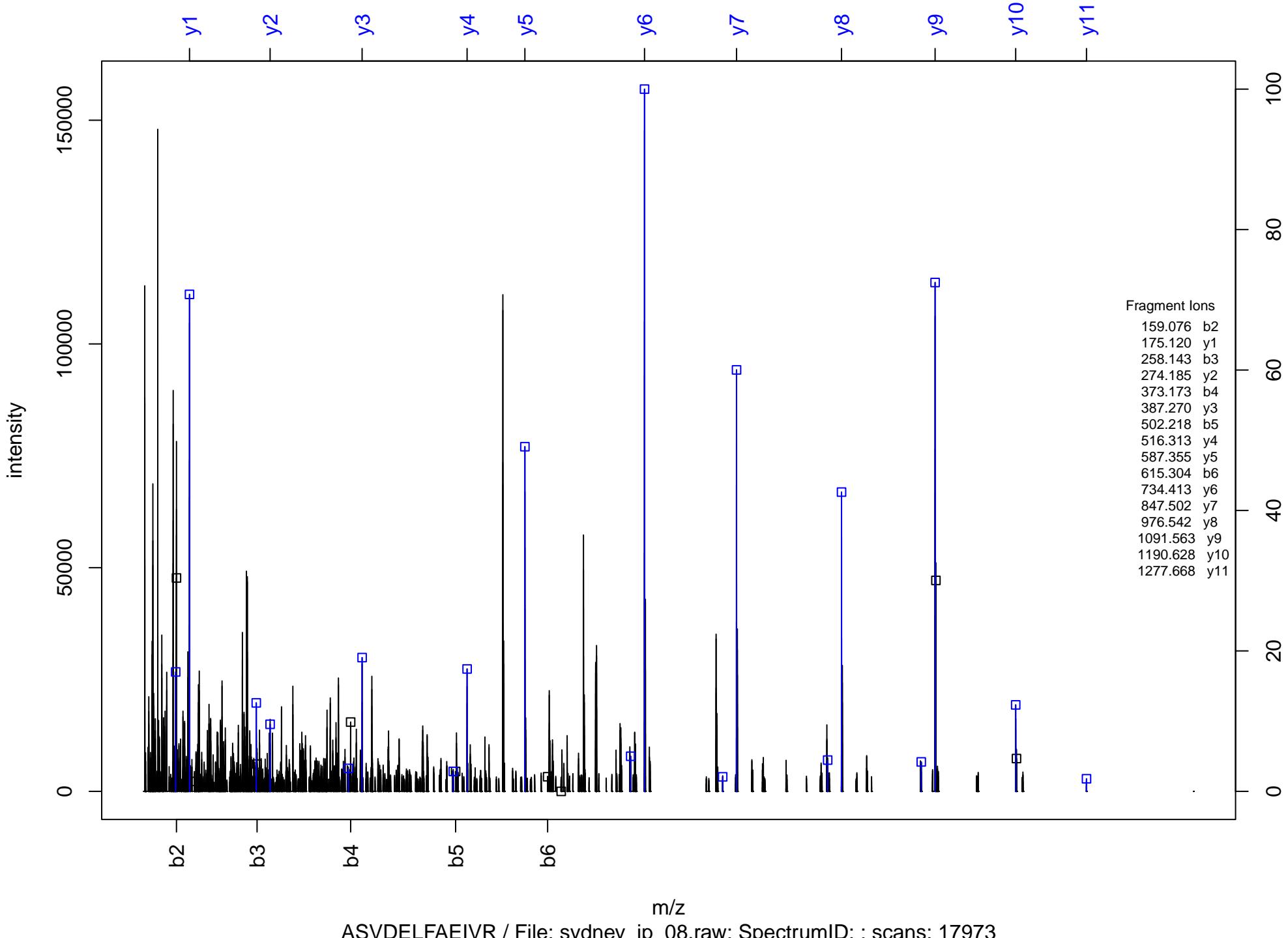
VEQLGAEGNVEESQK



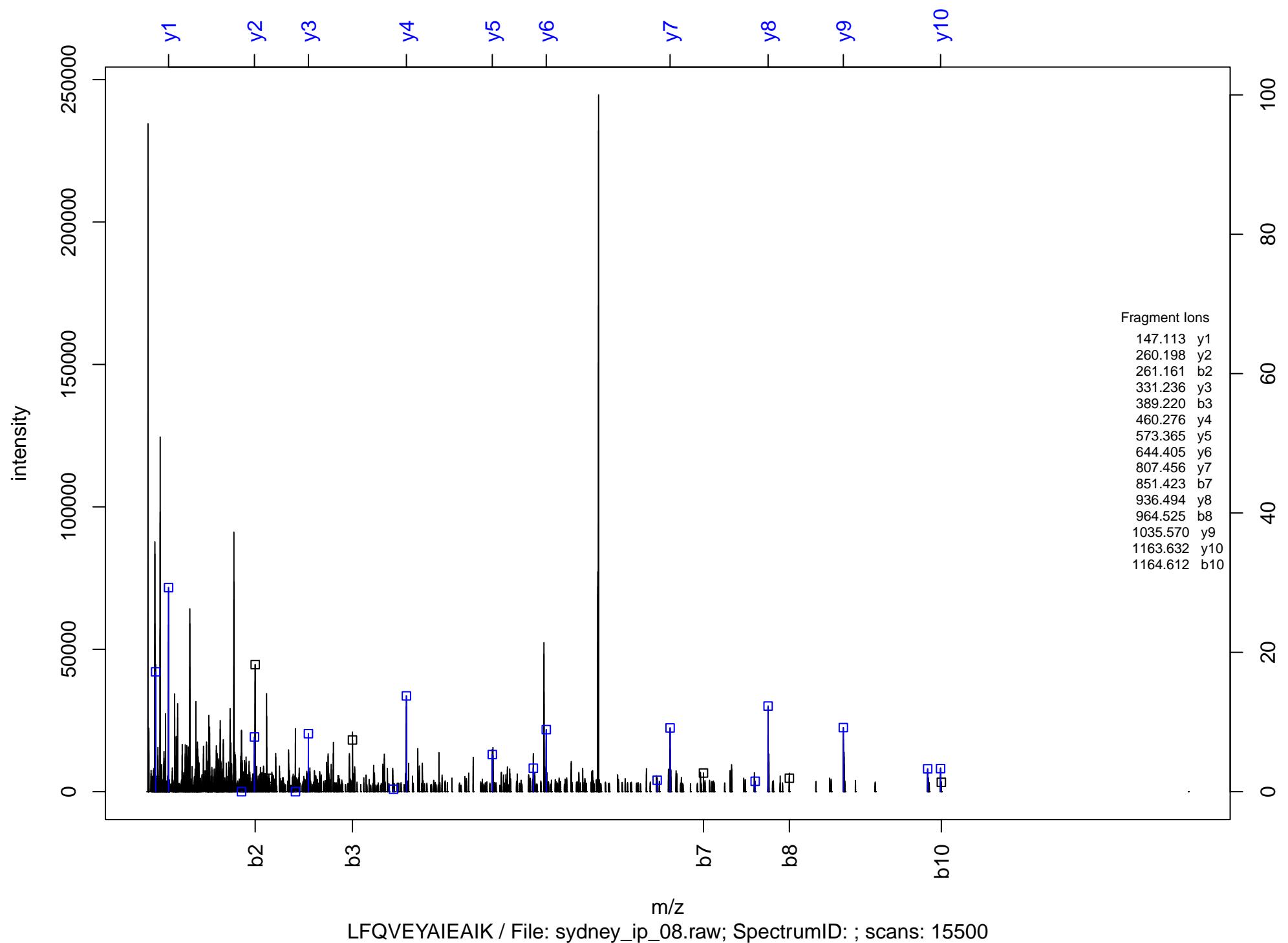
SRM*YGATVTVRGSQ^N^NTNAVK



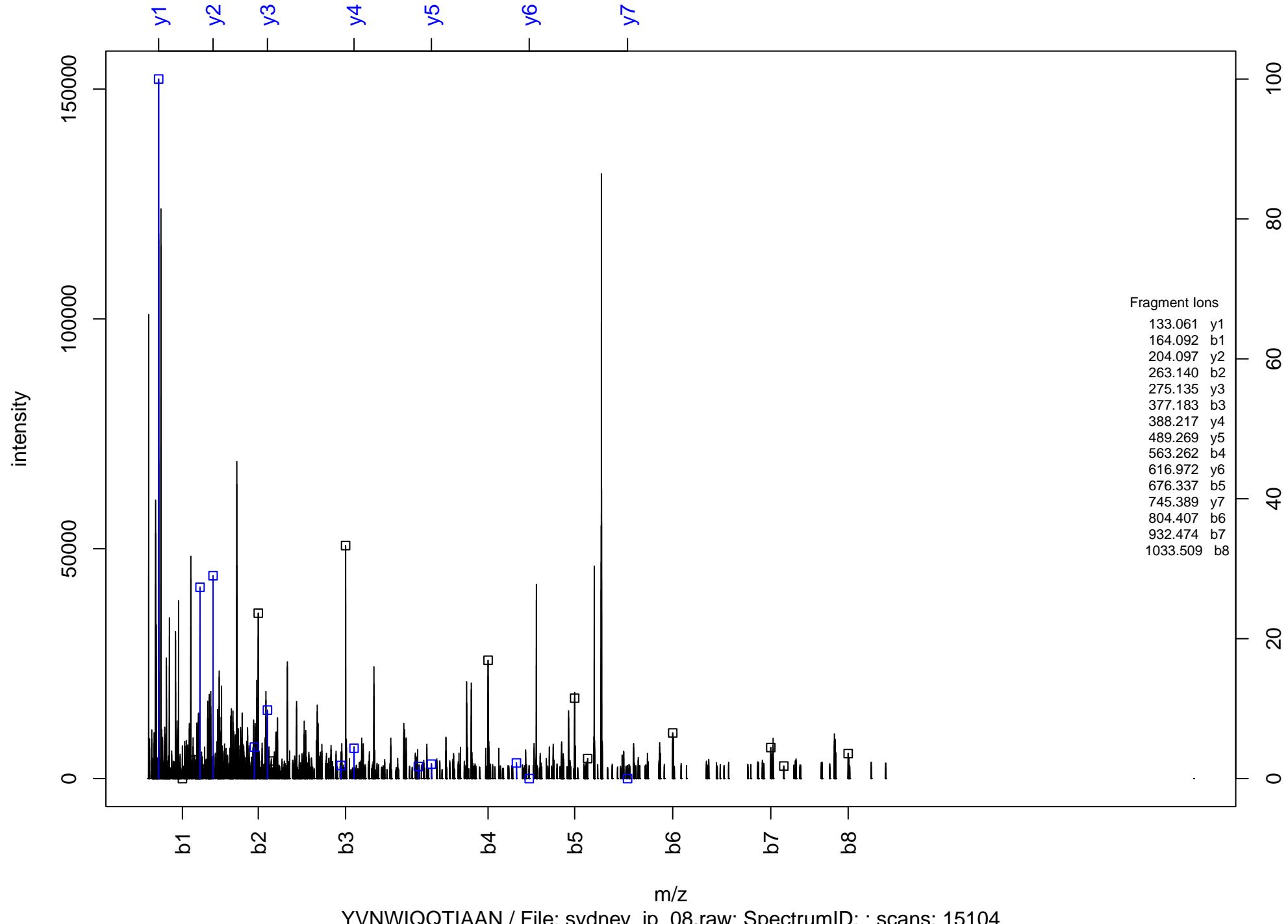
ASVDELFAEIVR



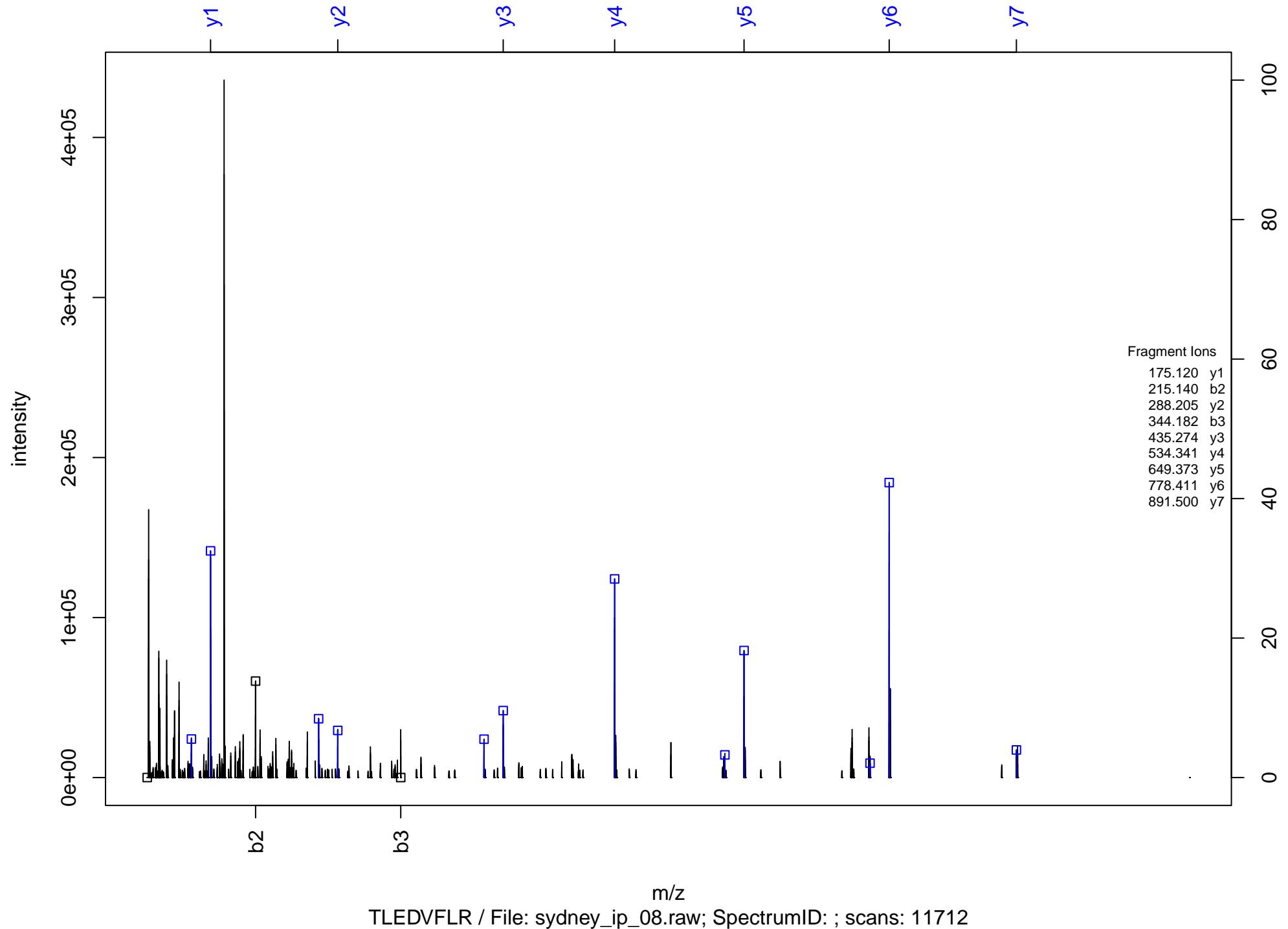
LFQVEYAIKEAIK



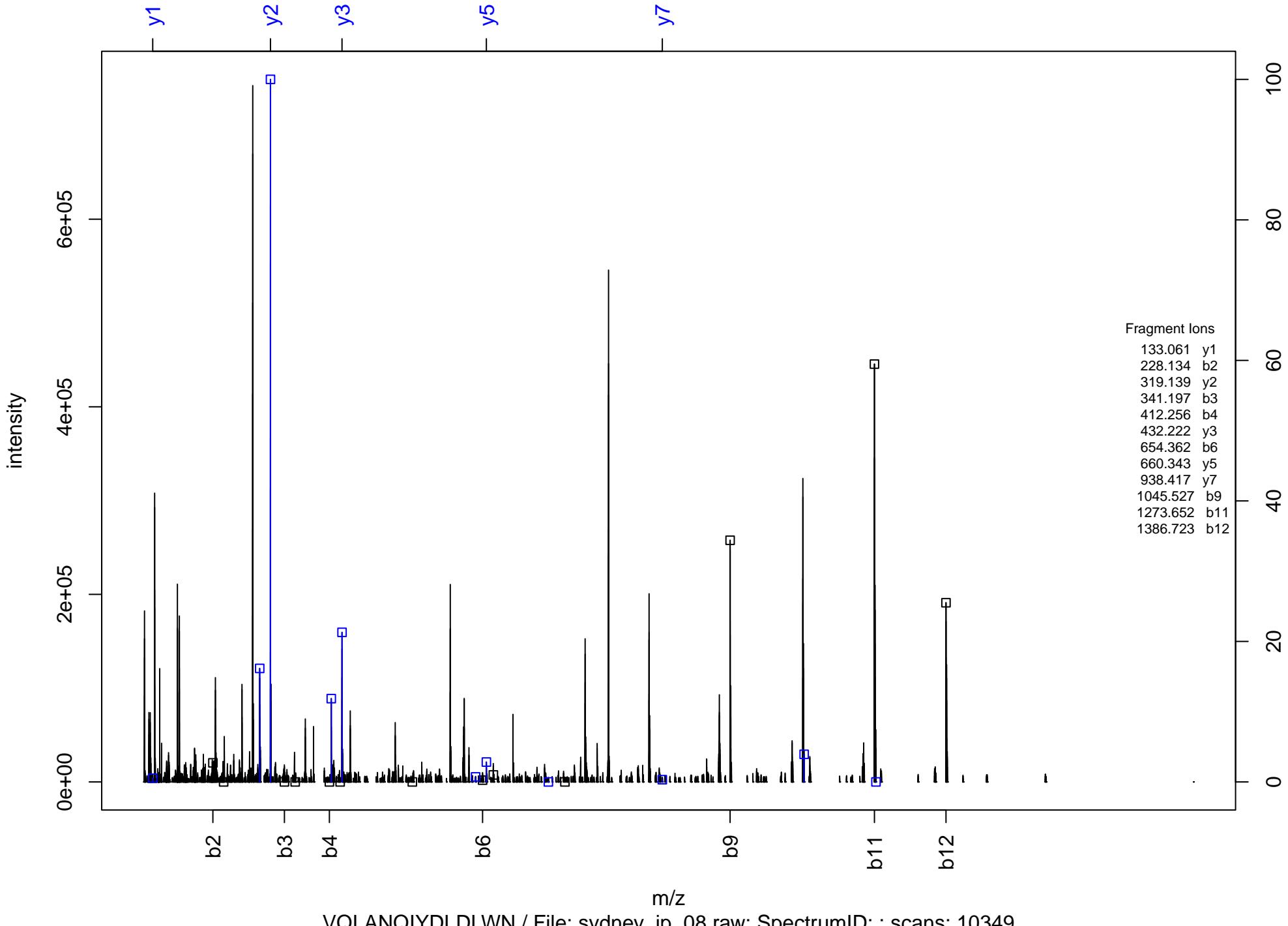
YVNWIQQTIAAN



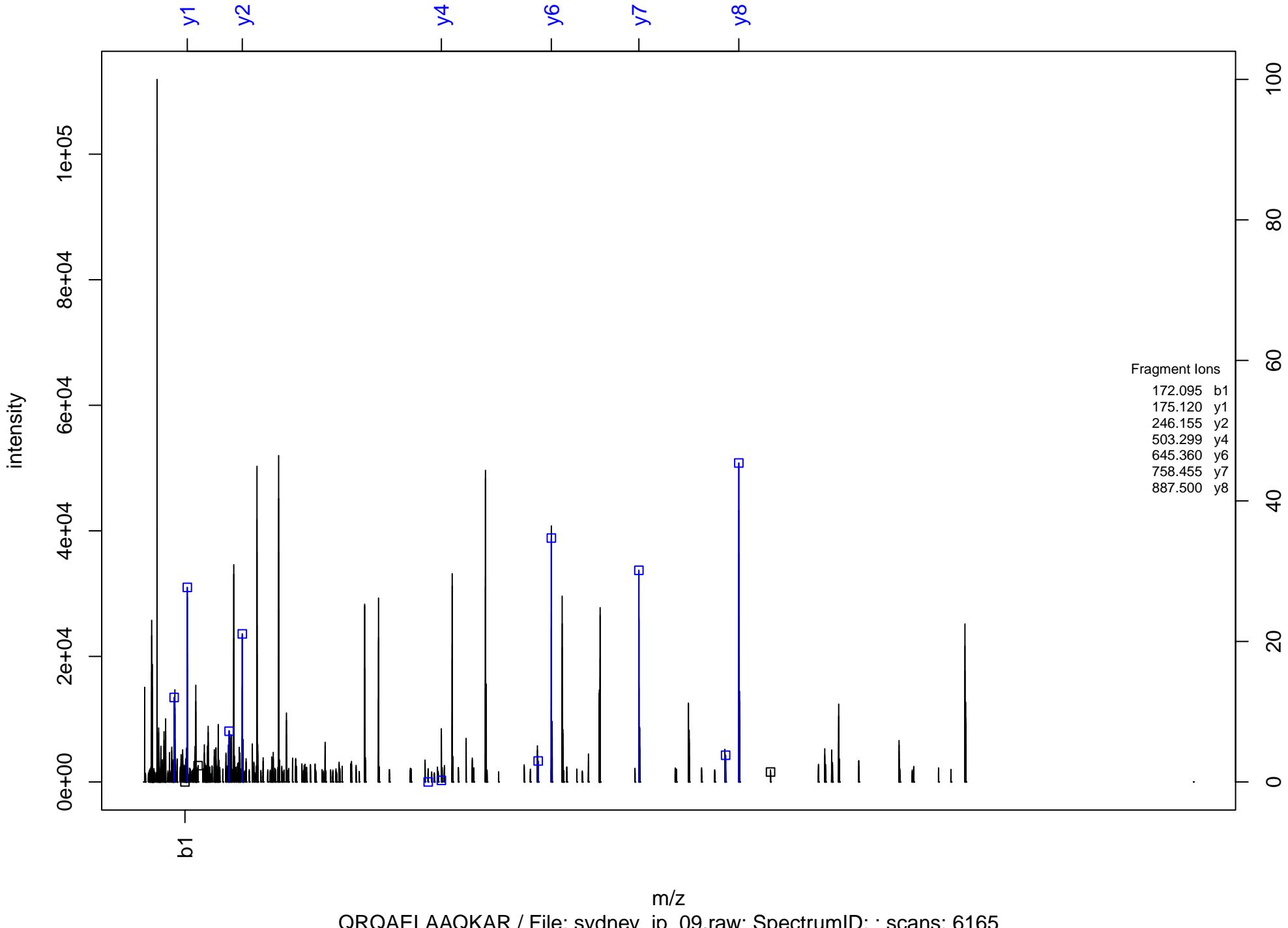
TLEDVFLR



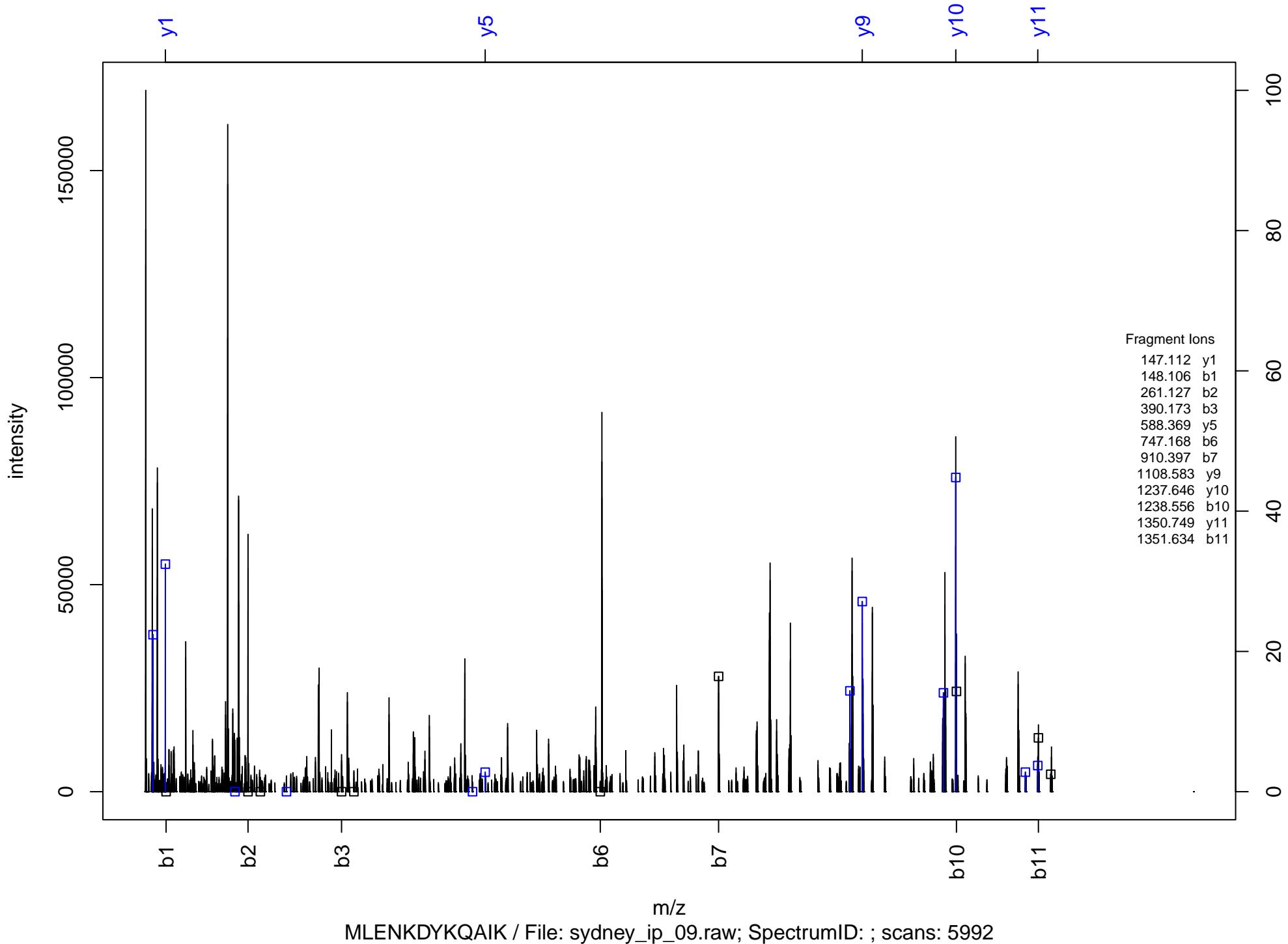
VQLANQIYDLDLWN



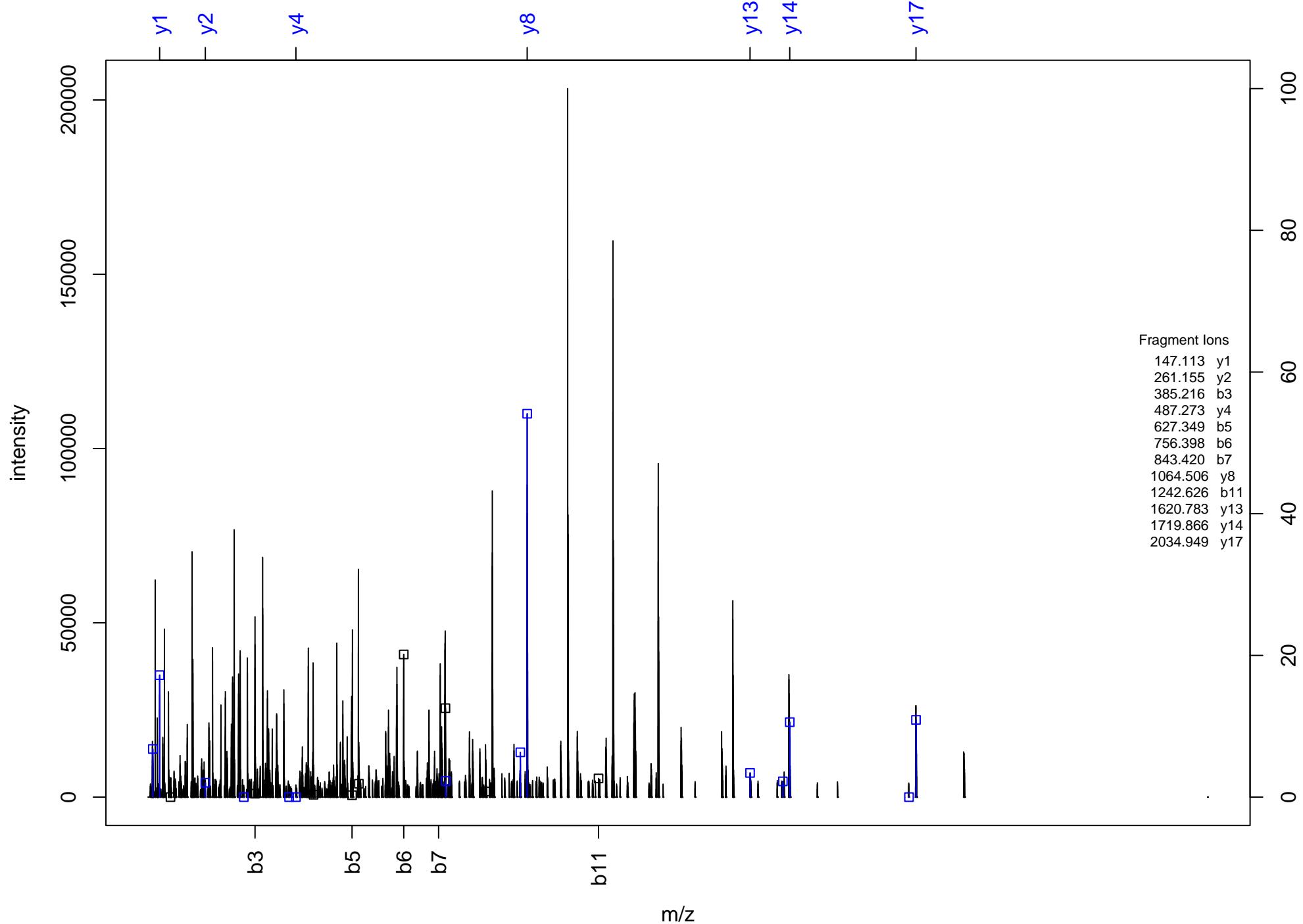
(Ac)Q[^]RQAEELAAQ[^]KAR



M*LENKDYKQ^AIK

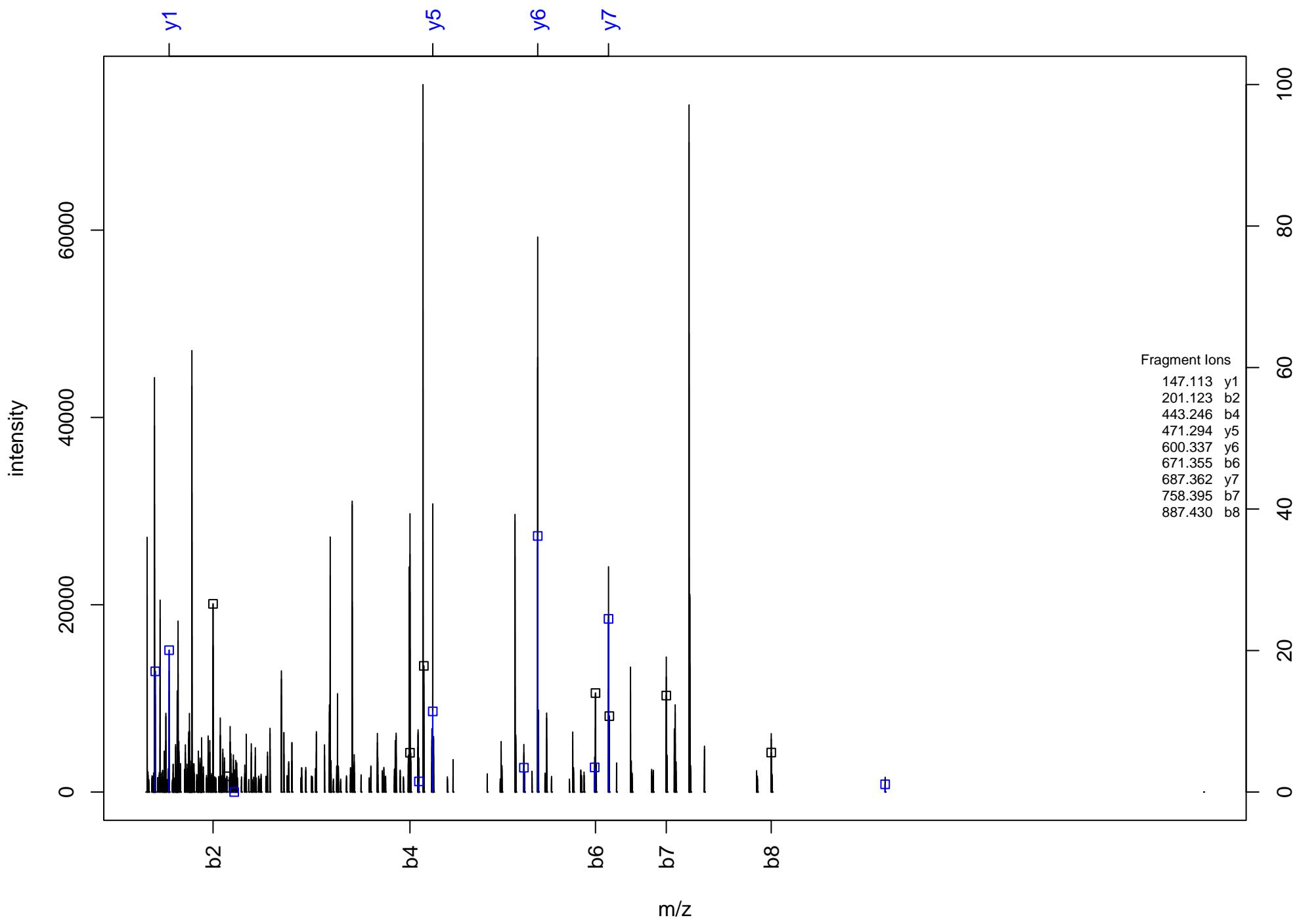


REVQ^LQ^SVVNSQNLWDEM*LLNK

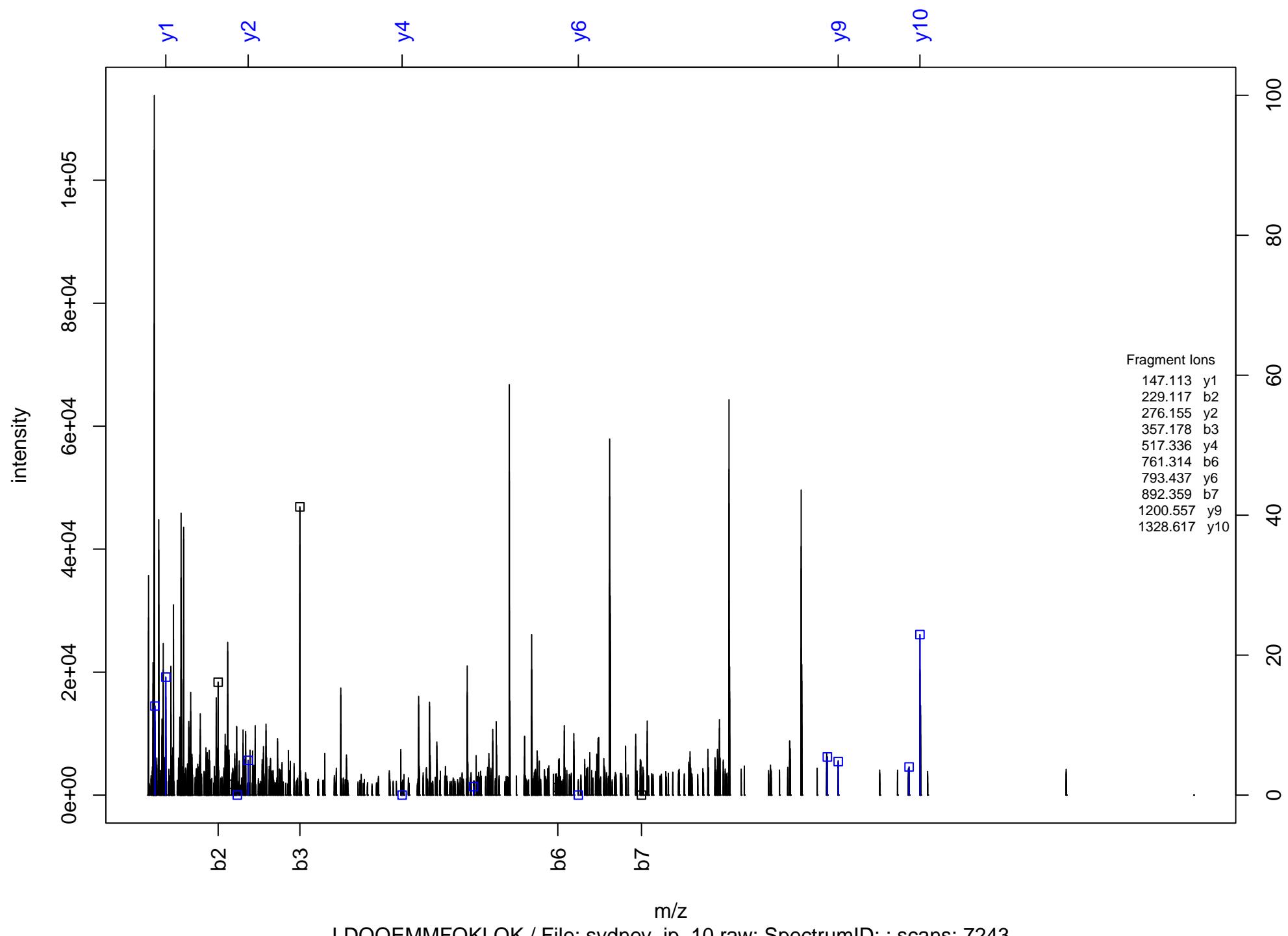


REVQLQSVVNSQNLWDEM*LLNK / File: sydney_ip_09.raw; SpectrumID: ; scans: 13064

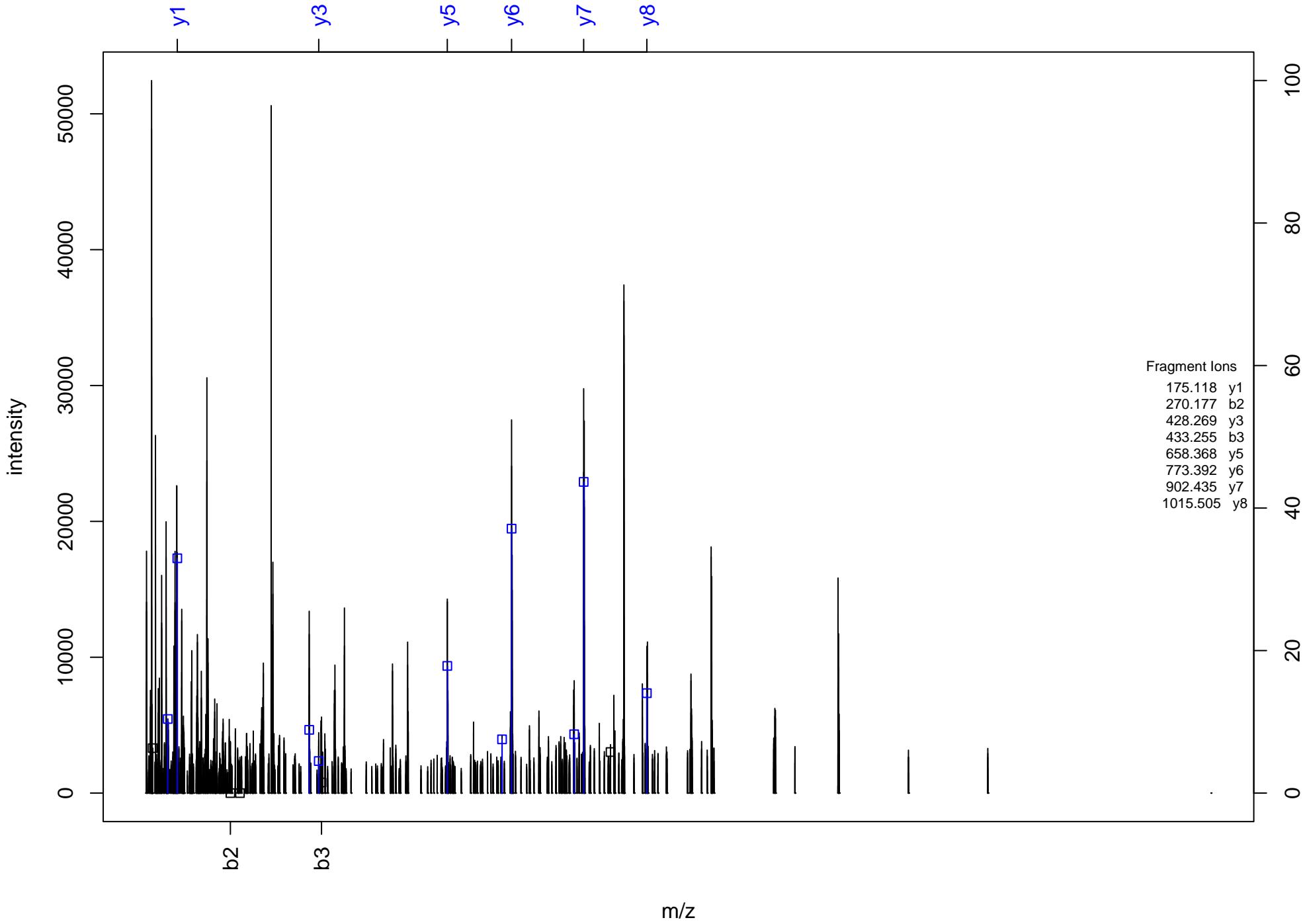
SLLQ⁺DLSQ⁺GGLPK



LDQQEM*MFQ^KLQ^K

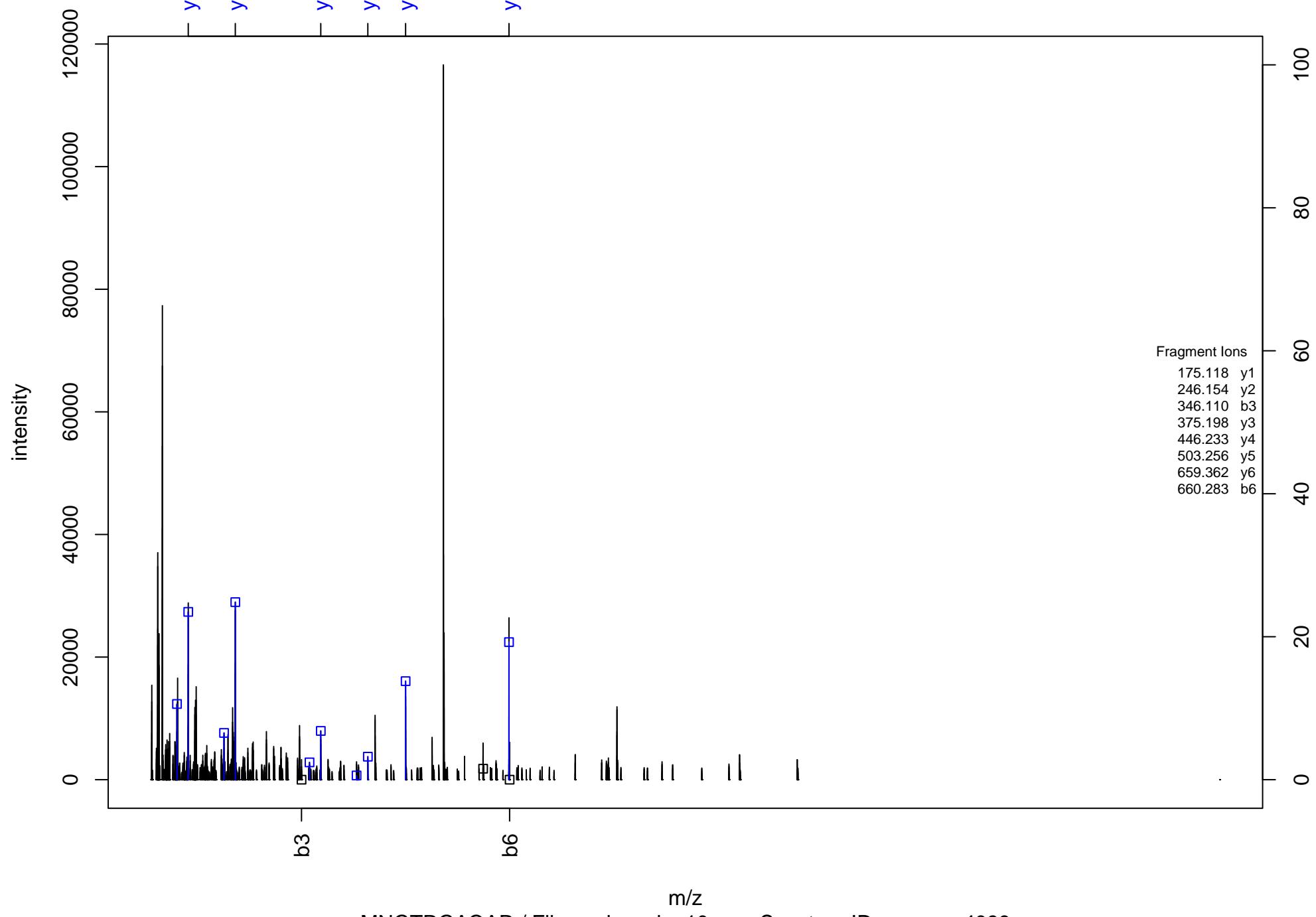


LRYLQ^Q^Q^LQ^DETPRR



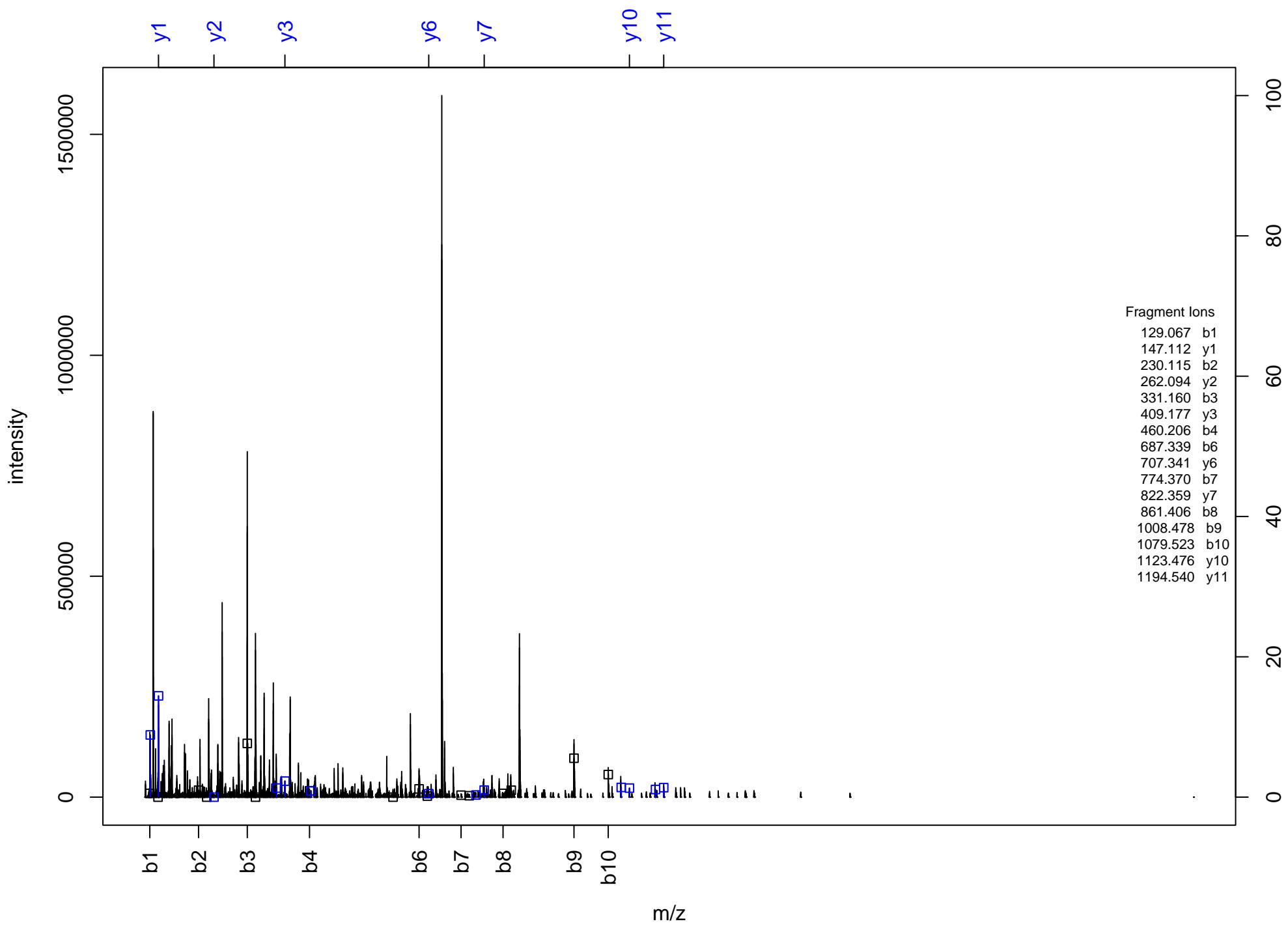
LRYLQQQLQDETPRR / File: sydney_ip_10.raw; SpectrumID: ; scans: 8540

(Ac)MN[^]GTRGAQ[^]AR

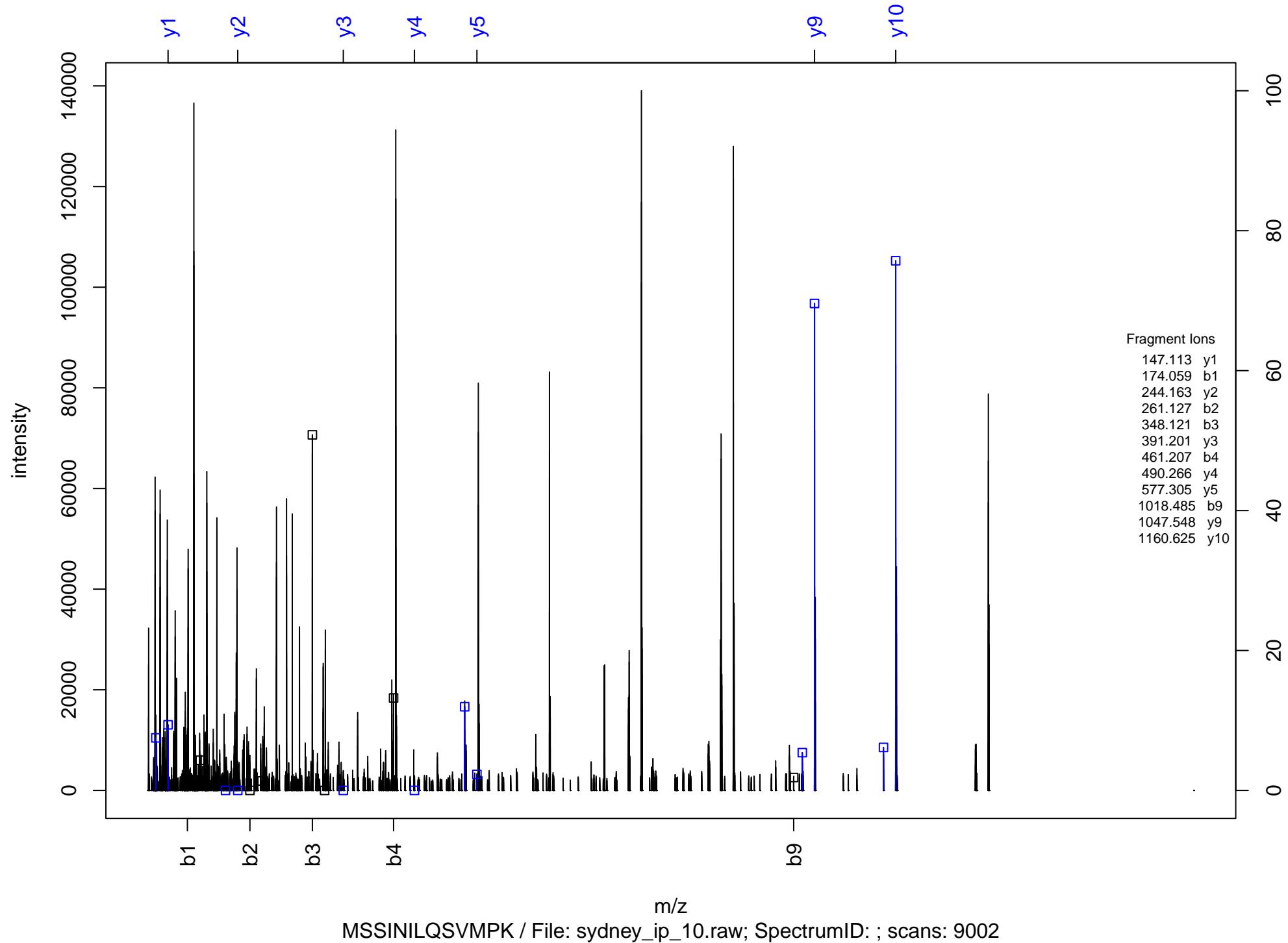


MNGTRGAQAR / File: sydney_ip_10.raw; SpectrumID: ; scans: 4099

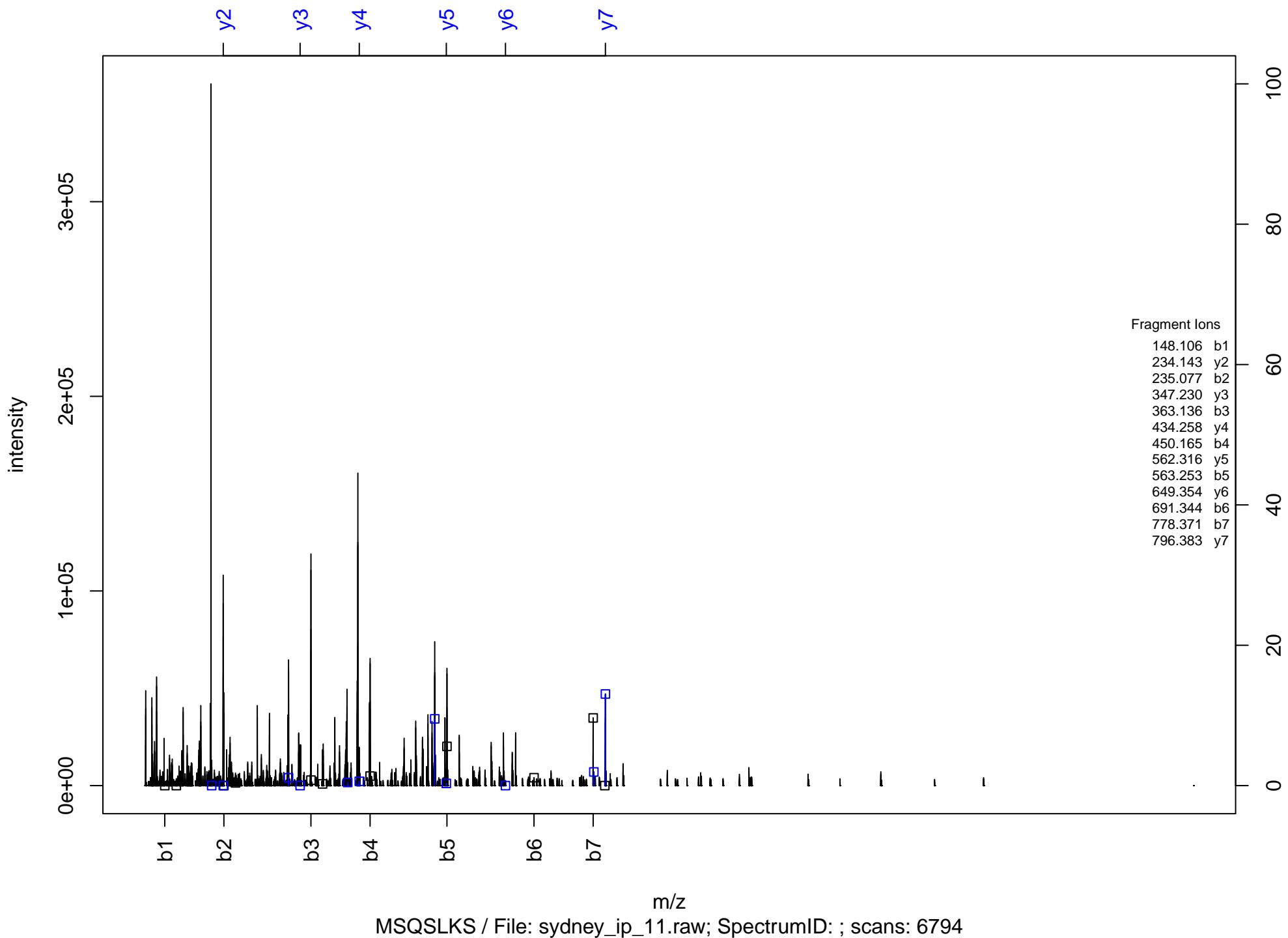
QTTQ^RASSFAATEDNIAM*DK



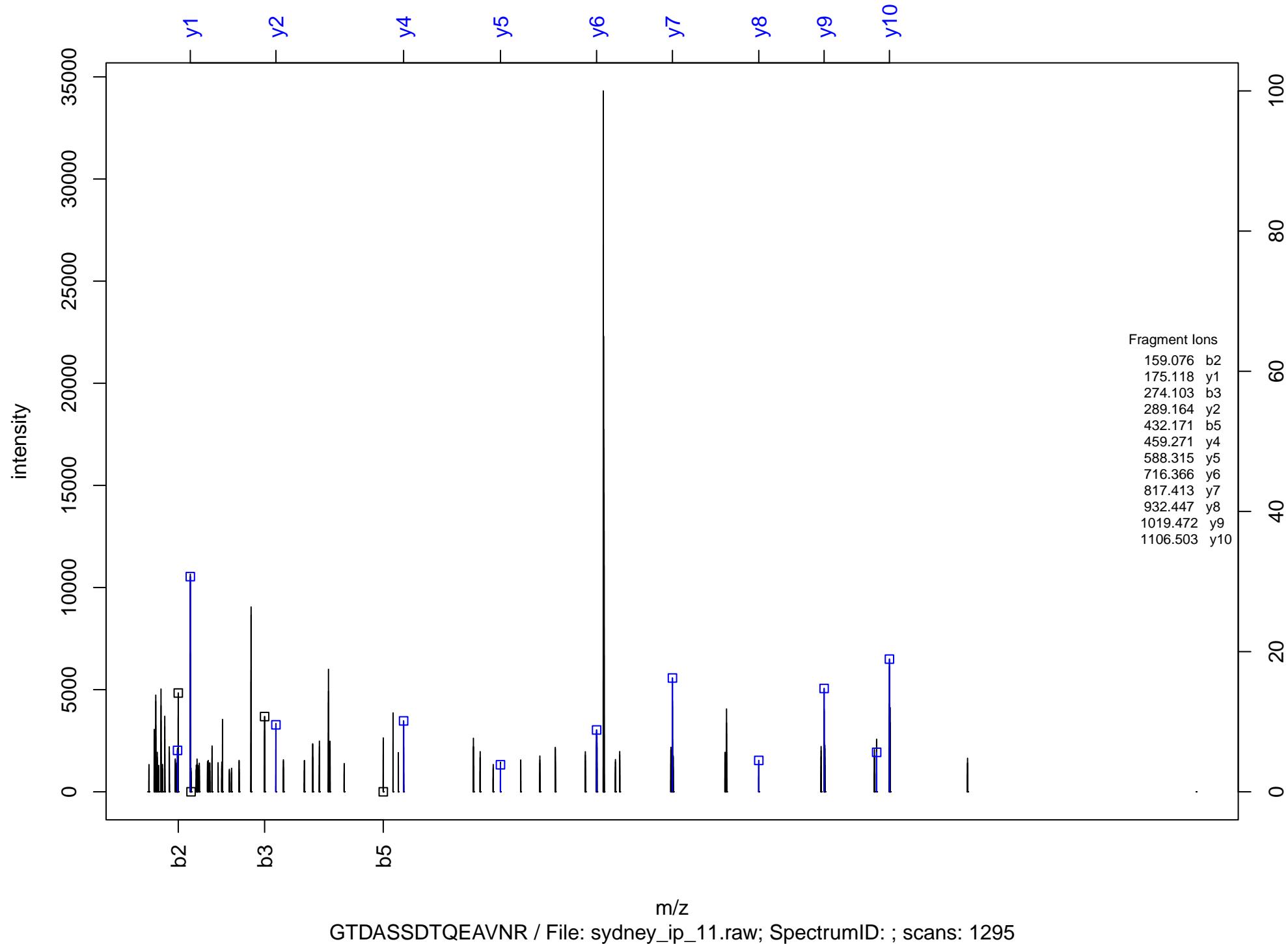
(Ac)MSSIN^ILQ^SVM^PK



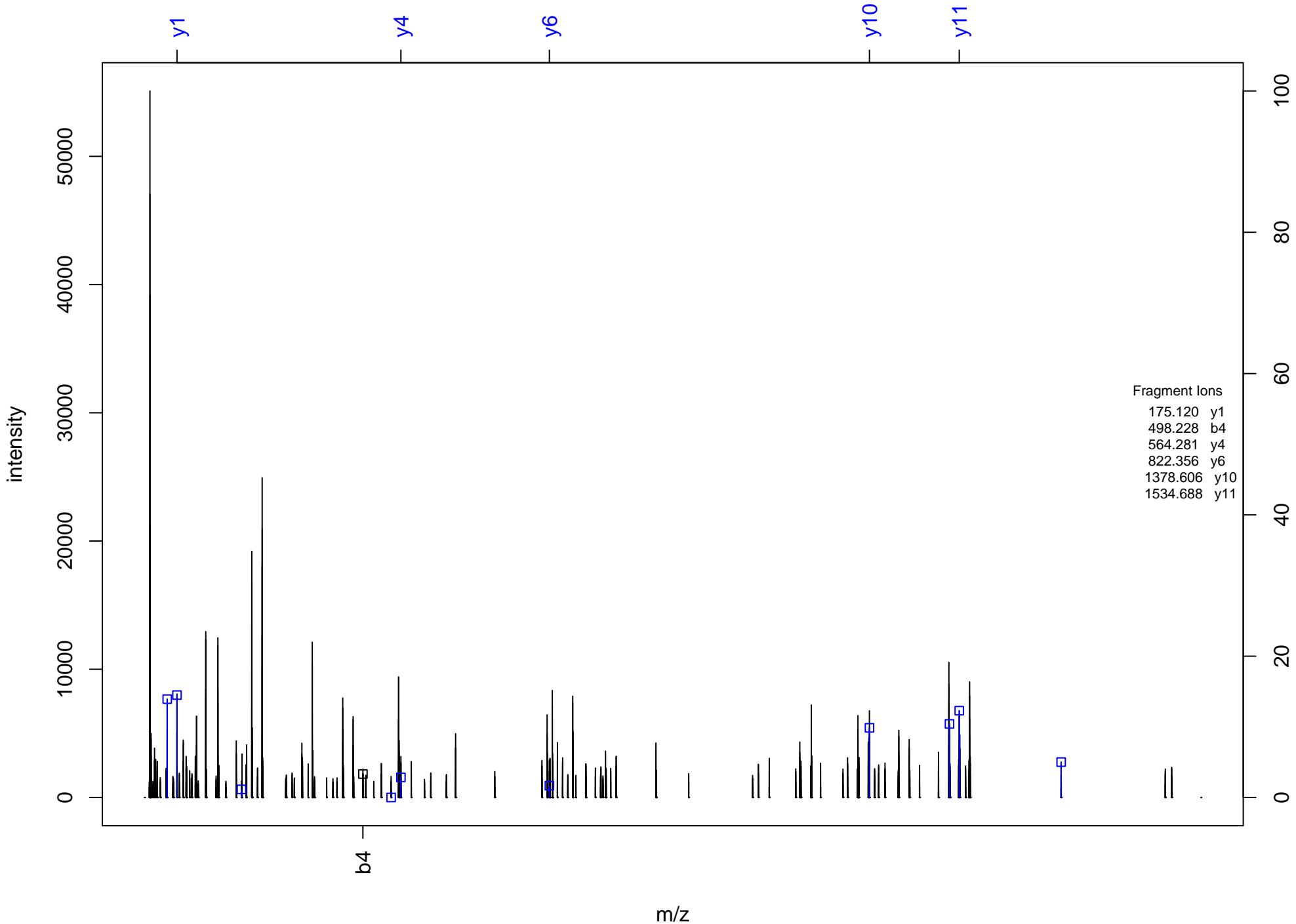
M^* SQSLKS



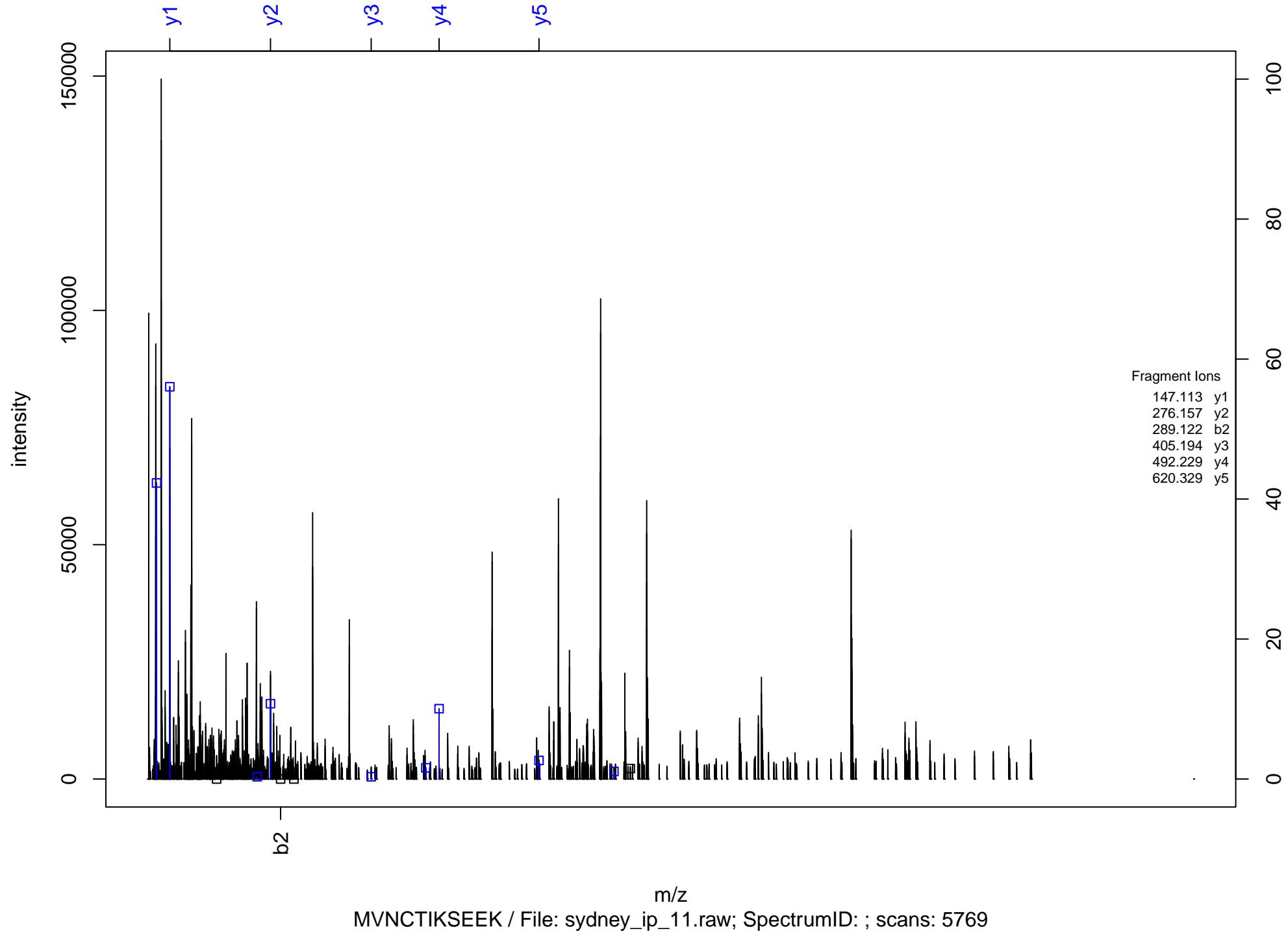
GTDASSDTQEAVNR



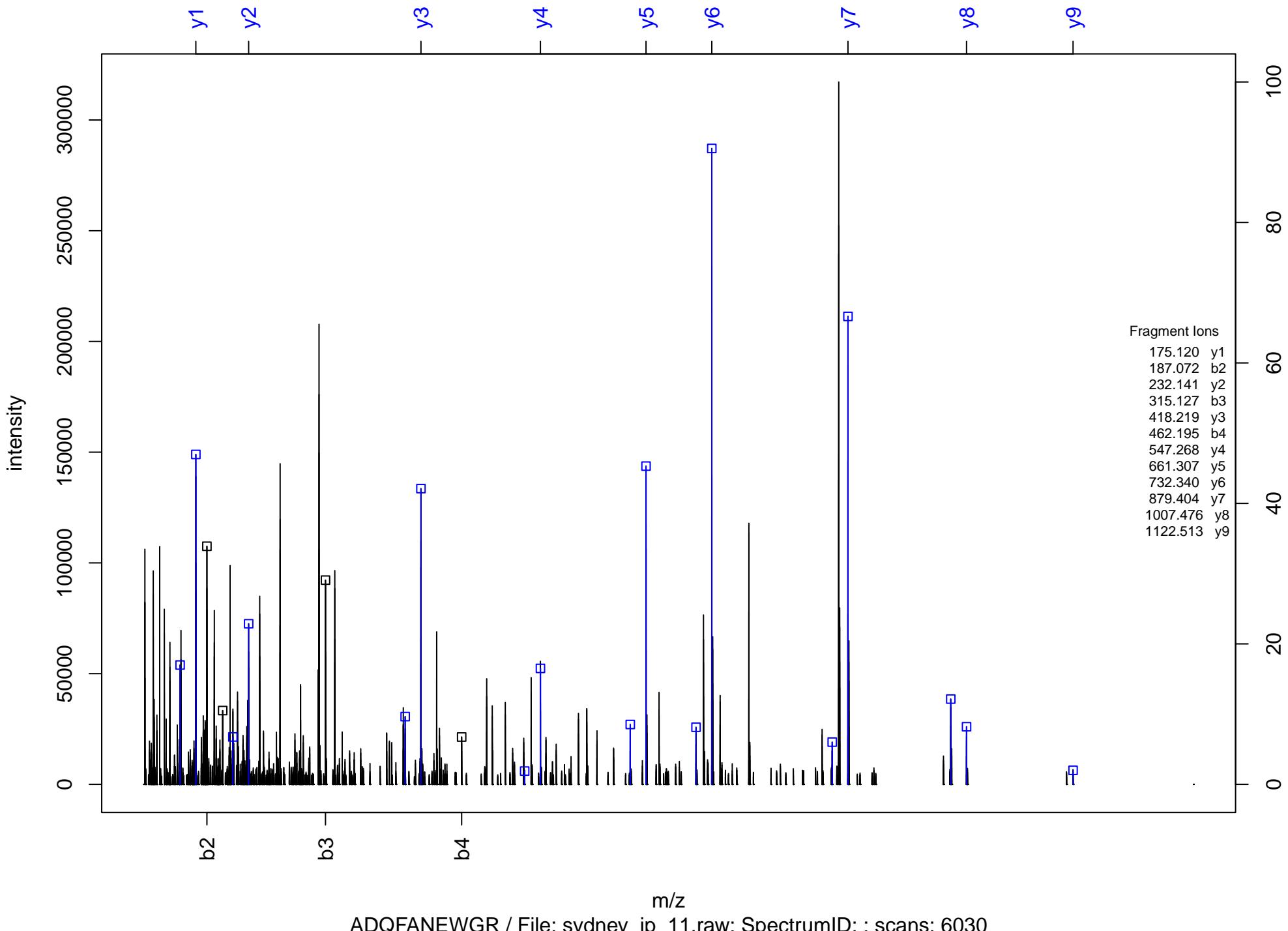
M*GHRHQYQEEM*IQ^R



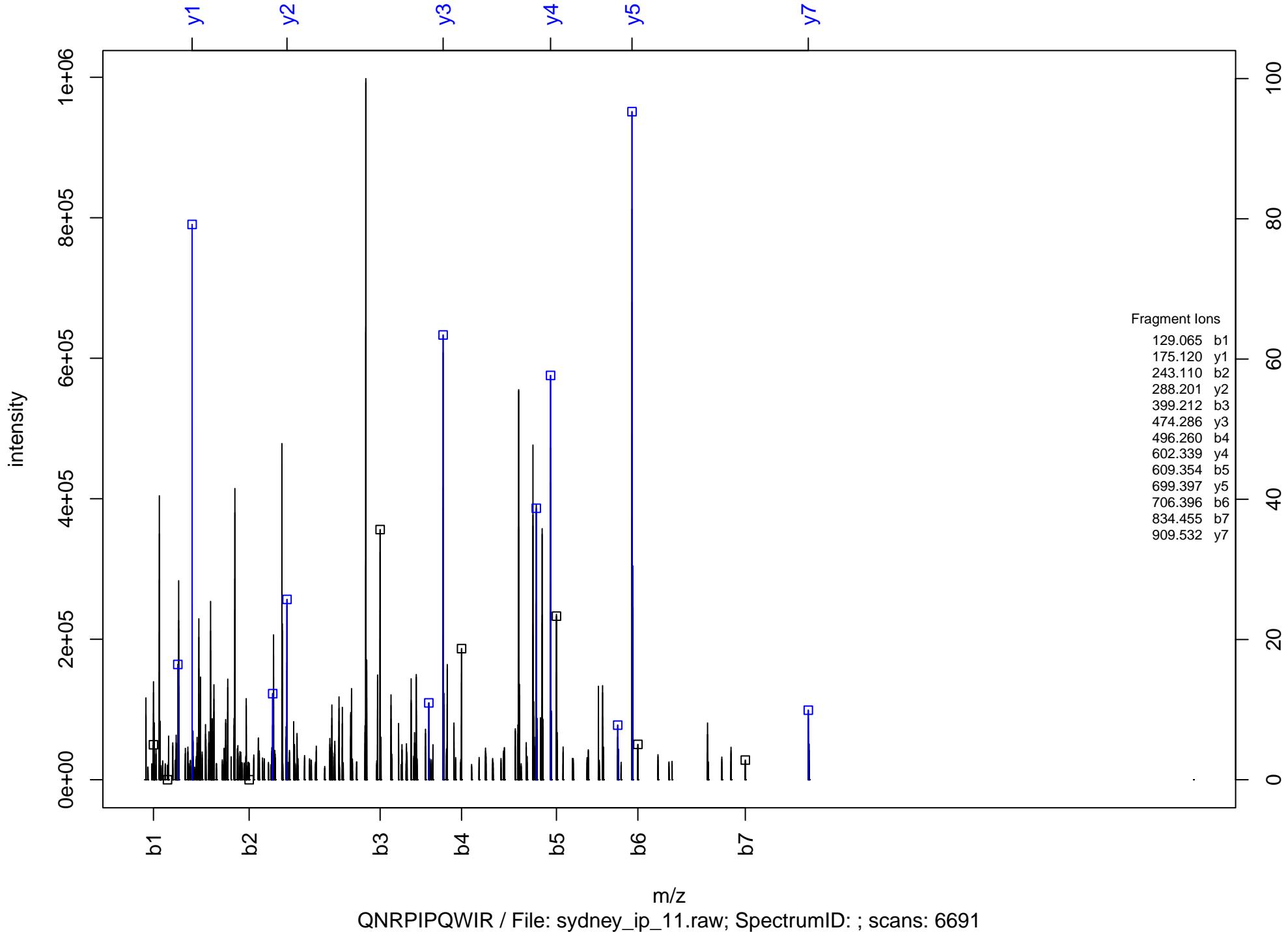
(Ac)M*VNCTIKSEEK



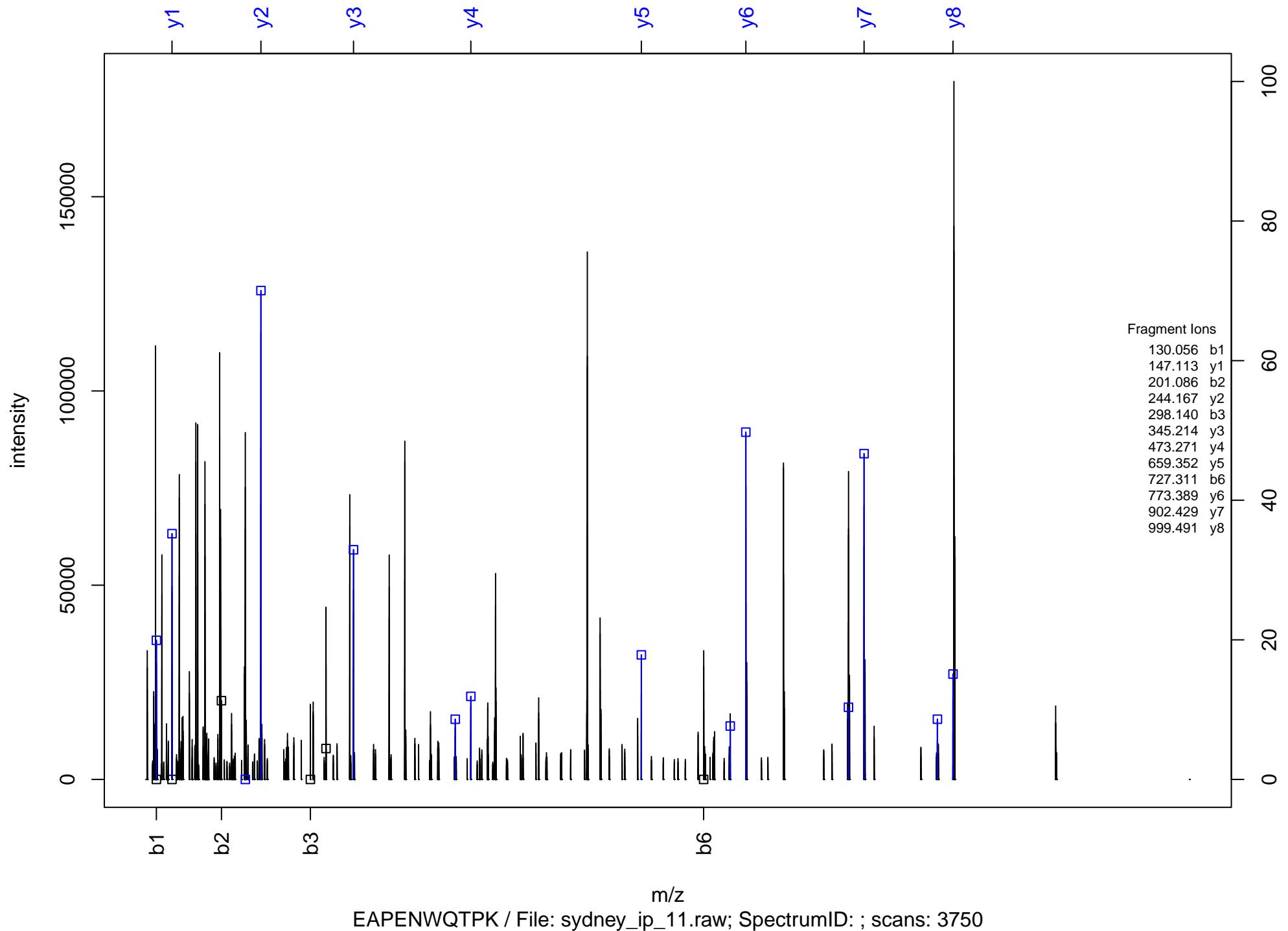
ADQFANEWGR



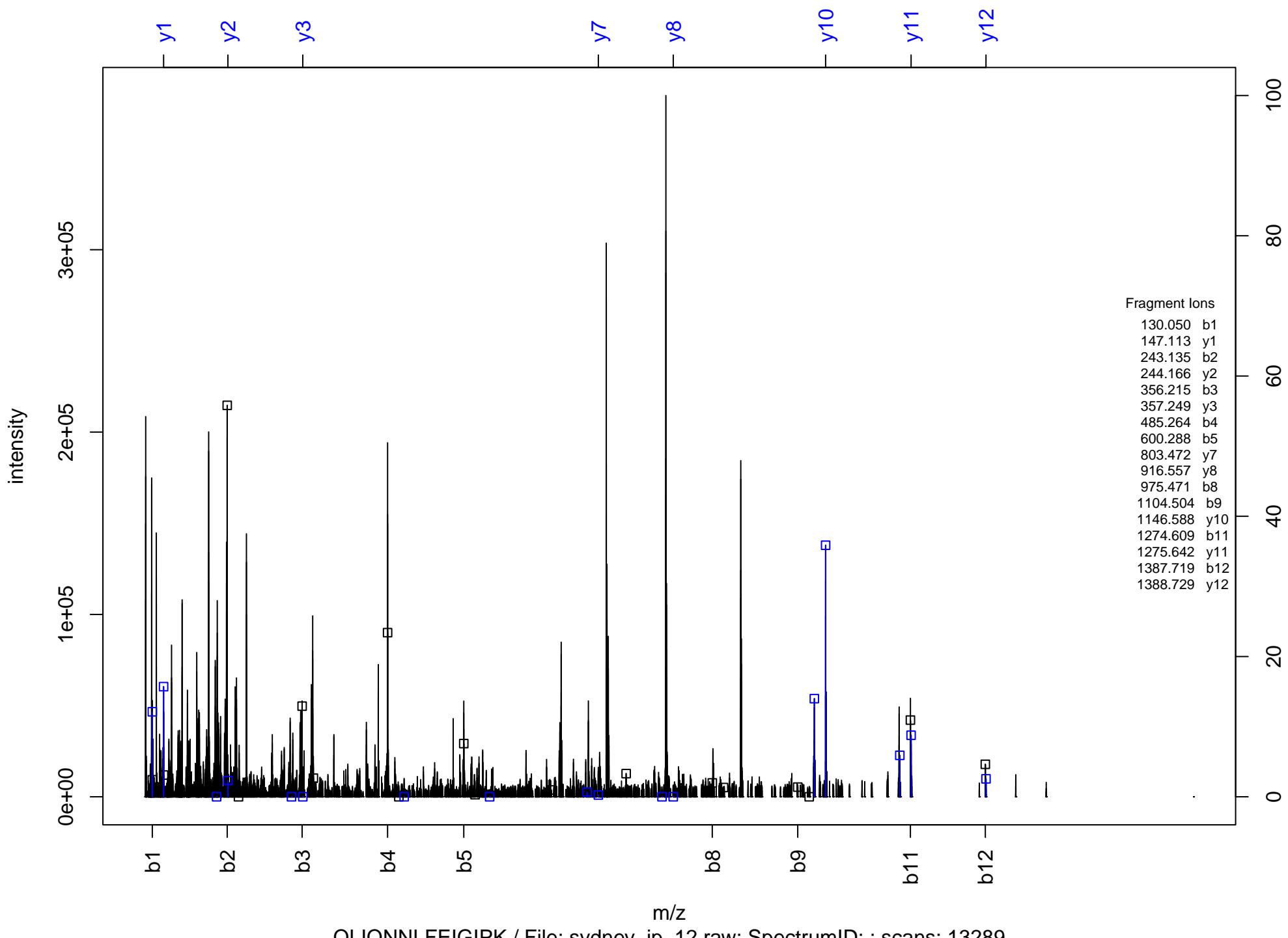
QNRPIPQWIR



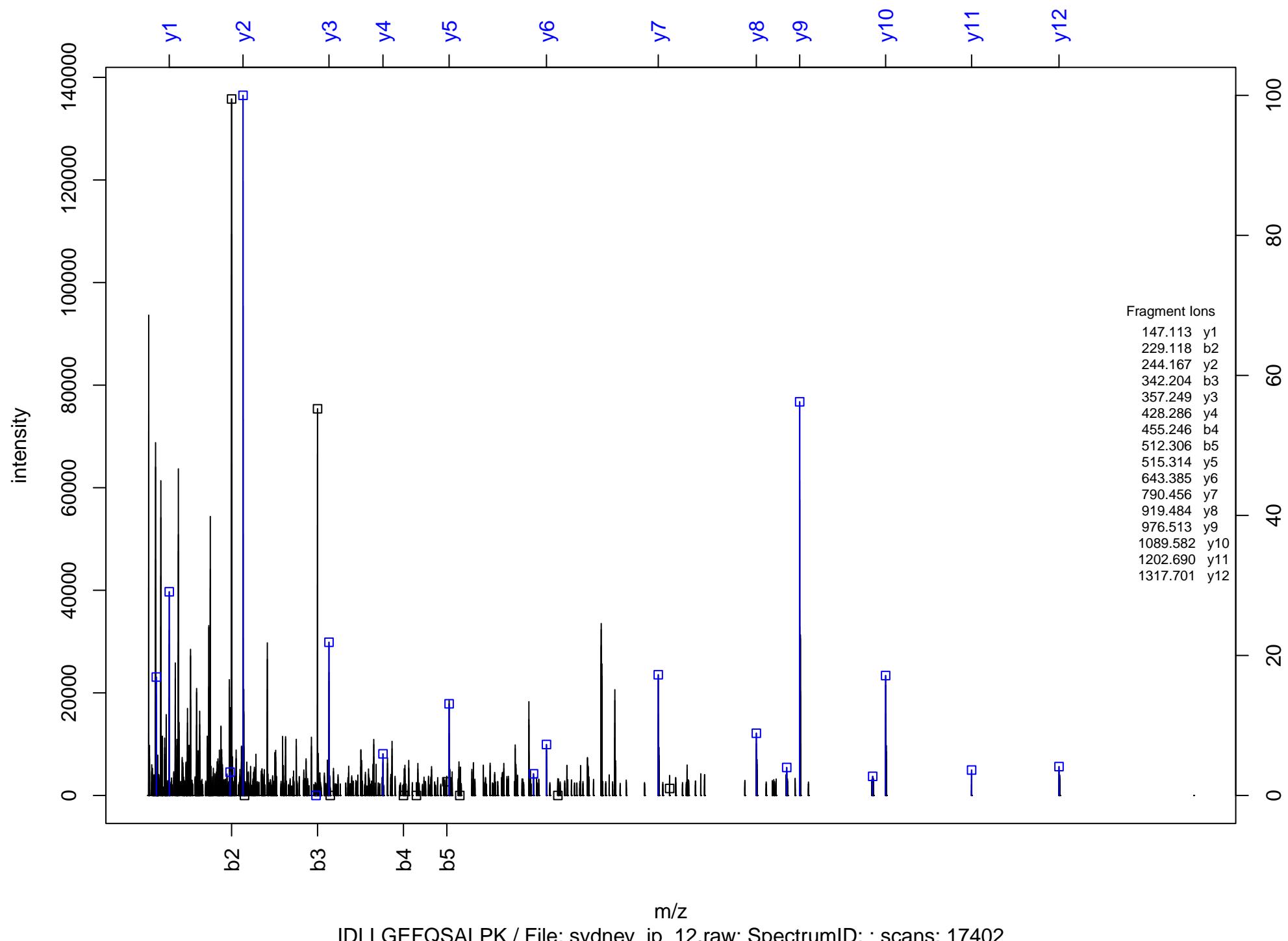
EAPENWQTPK



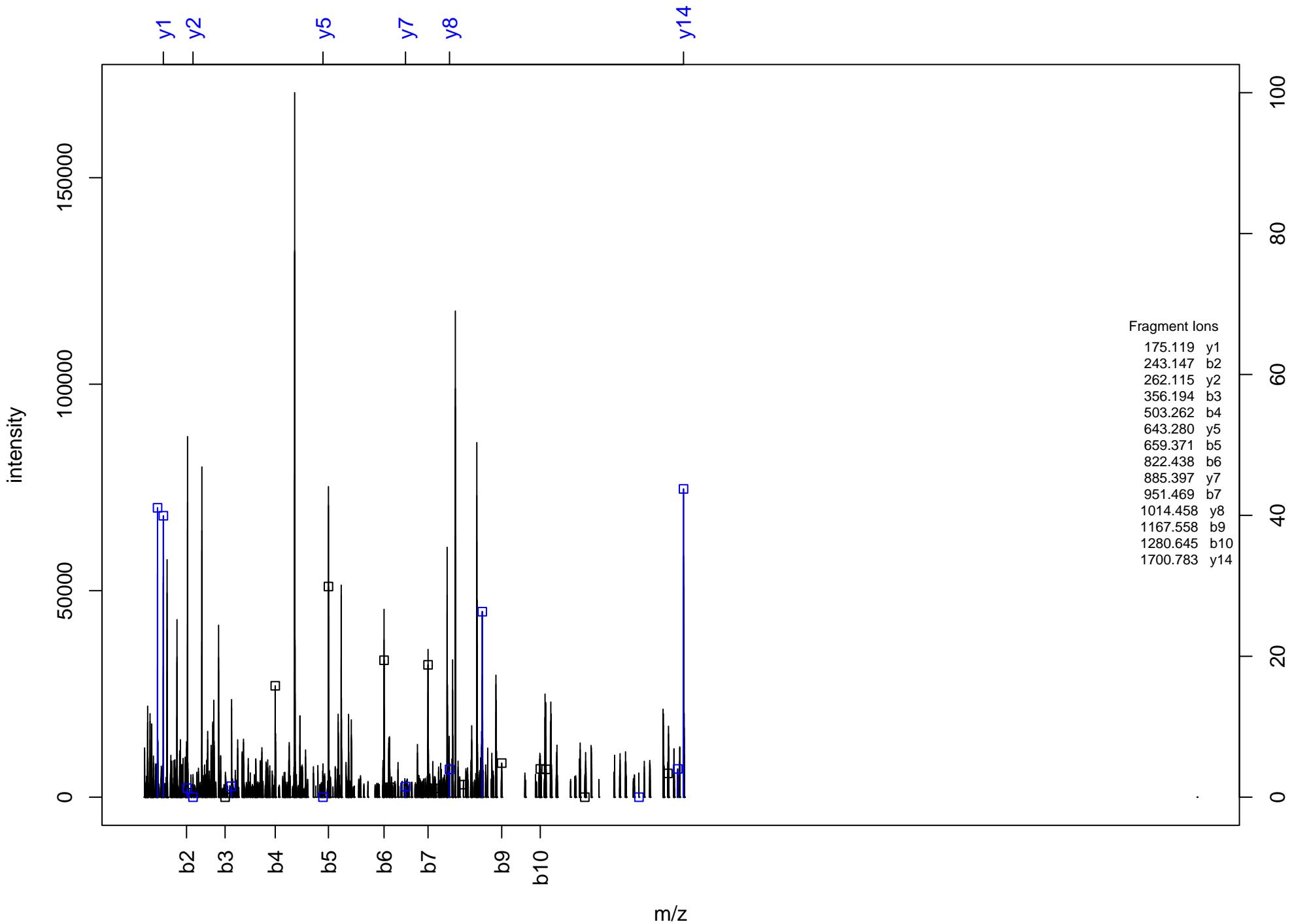
Q^LIQ^N^N^LFEIGIPK



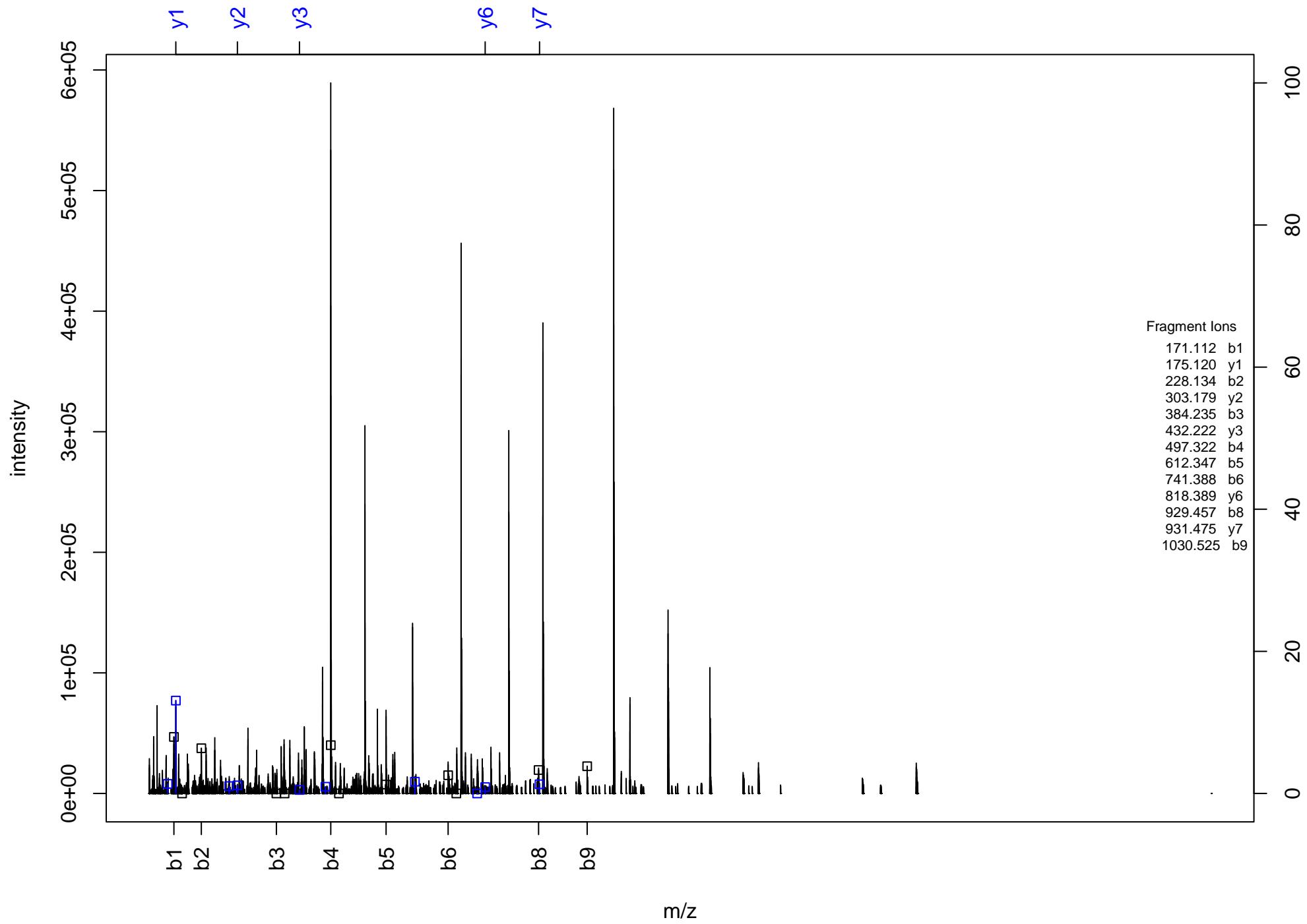
IDLLGEFQSALPK



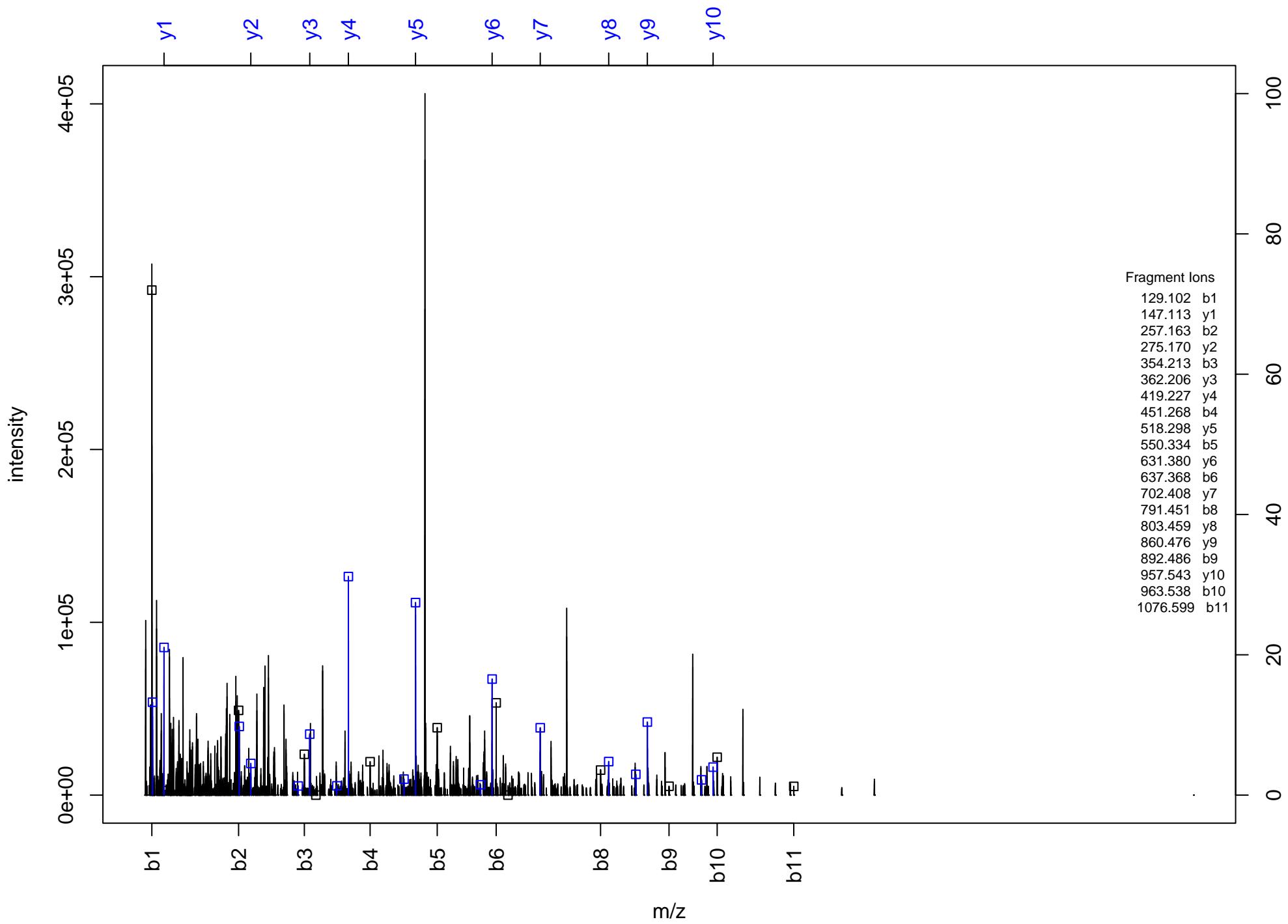
NKLM*RYESELLIMAQ^ELELEDHQ^SR



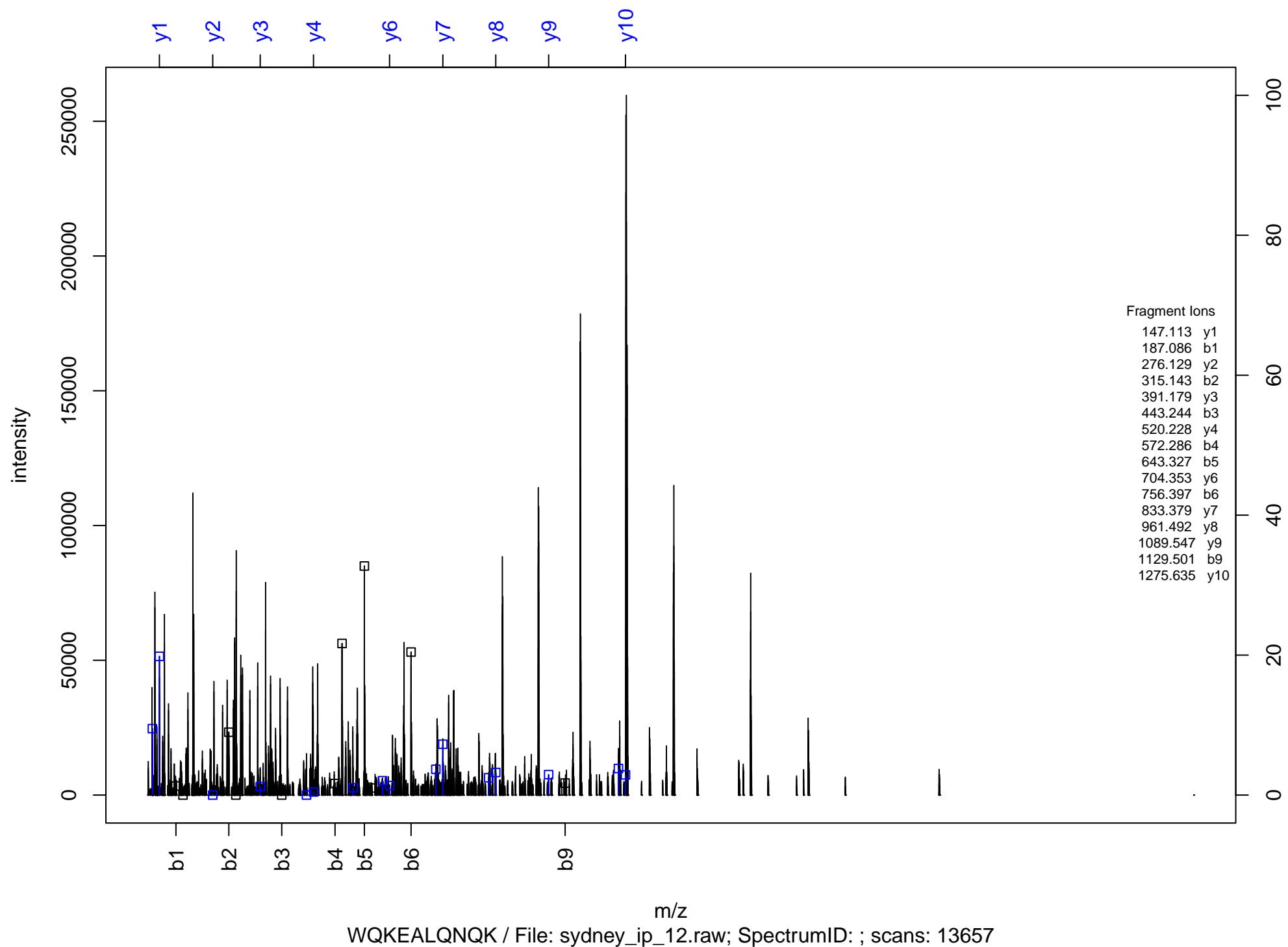
(Ac)KGR_LDESTTYLLQ^WAQ^QR



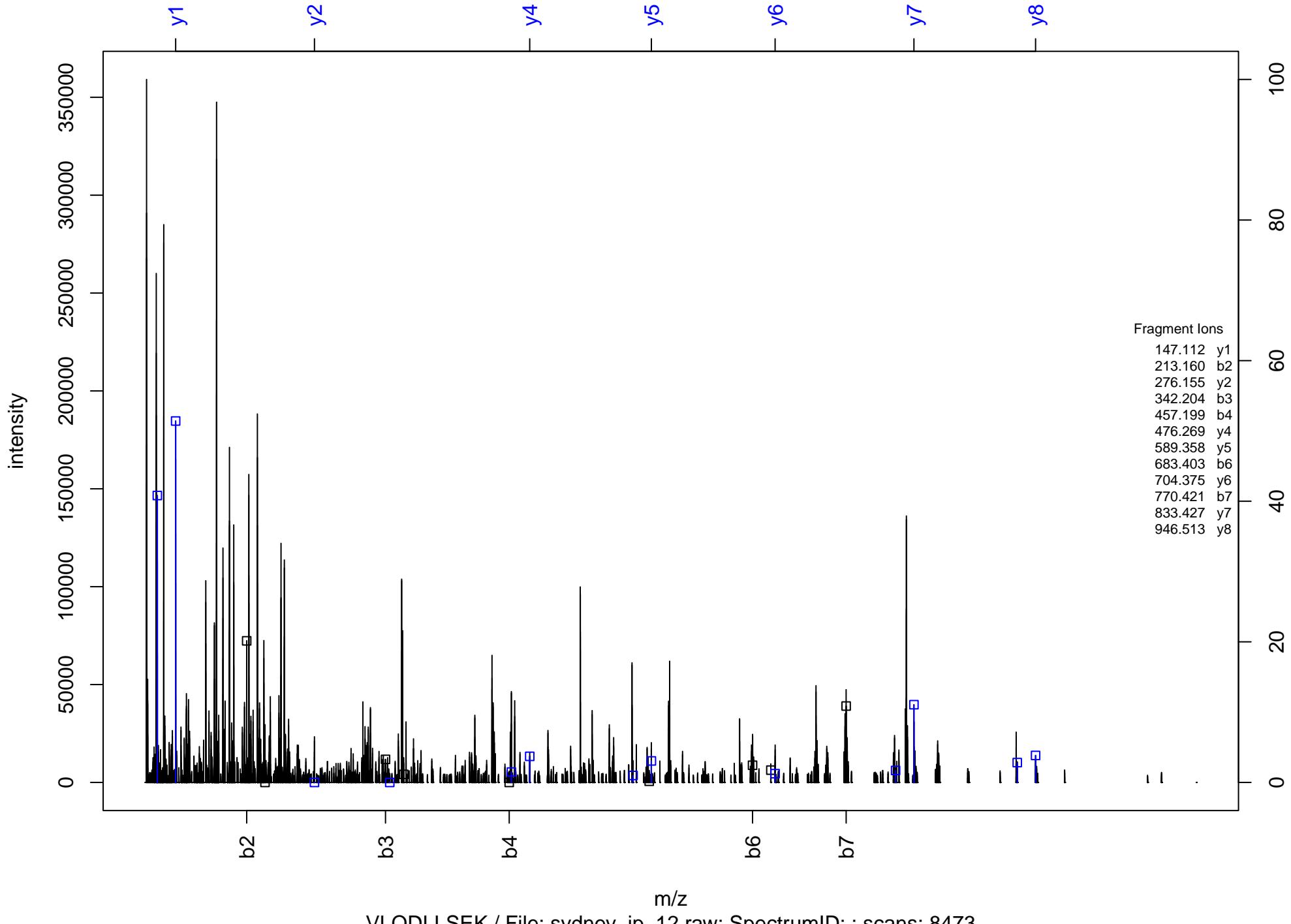
KQPPVSPGTALVGSQK



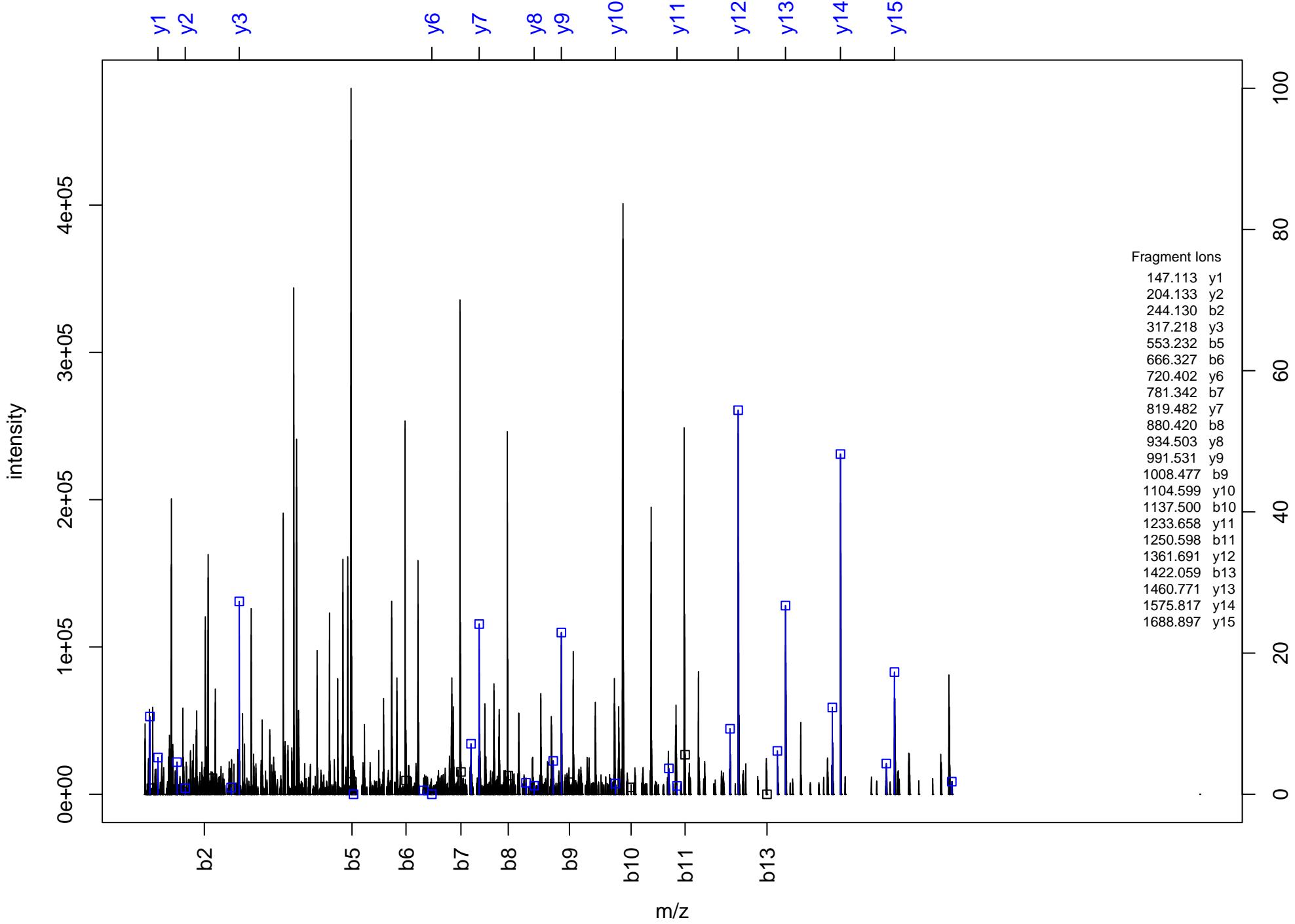
WQKEALQ^N^Q^K



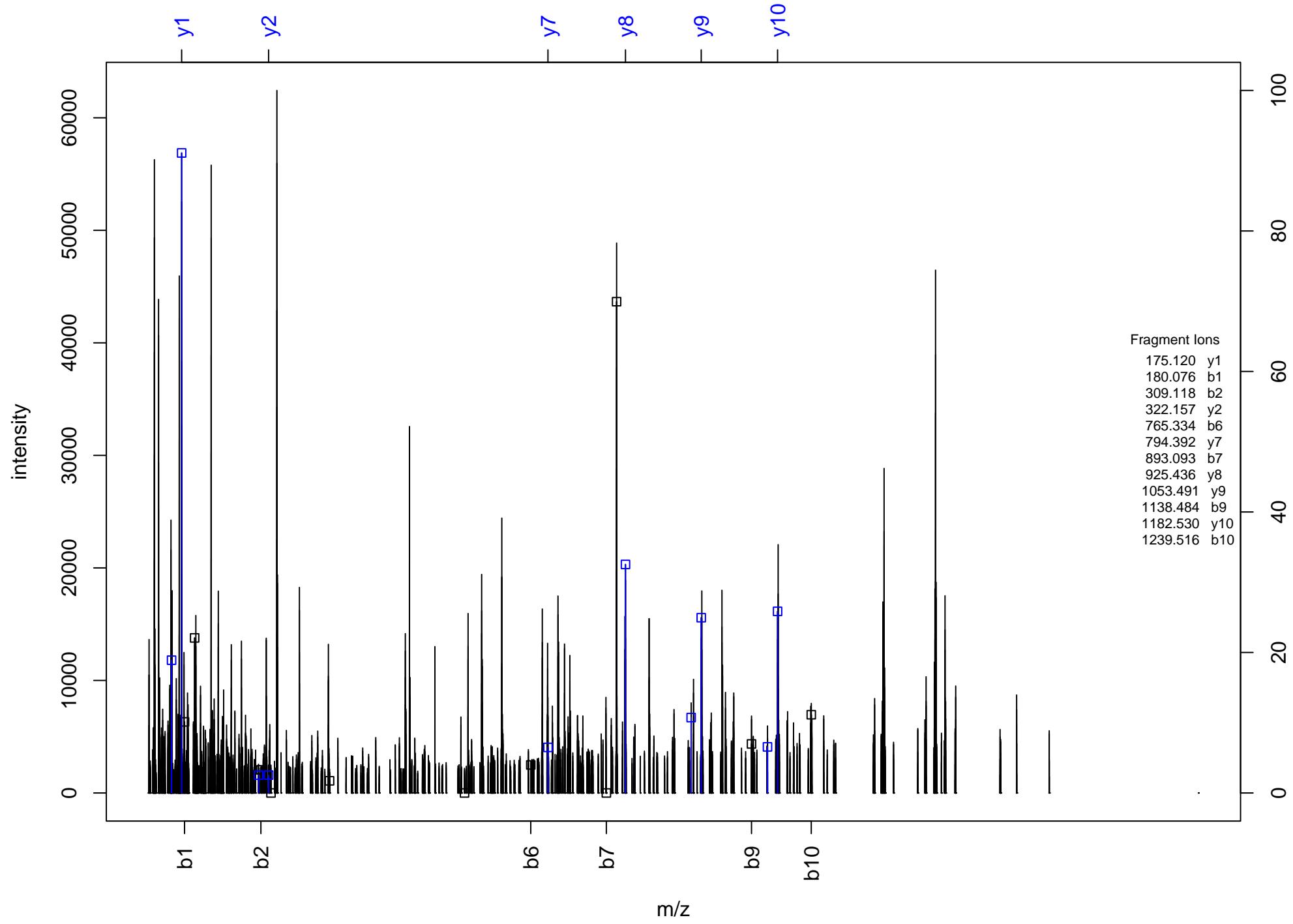
VLQ^ADLLSEK



N^KDGHIN^VQELGDVM*KQLGK

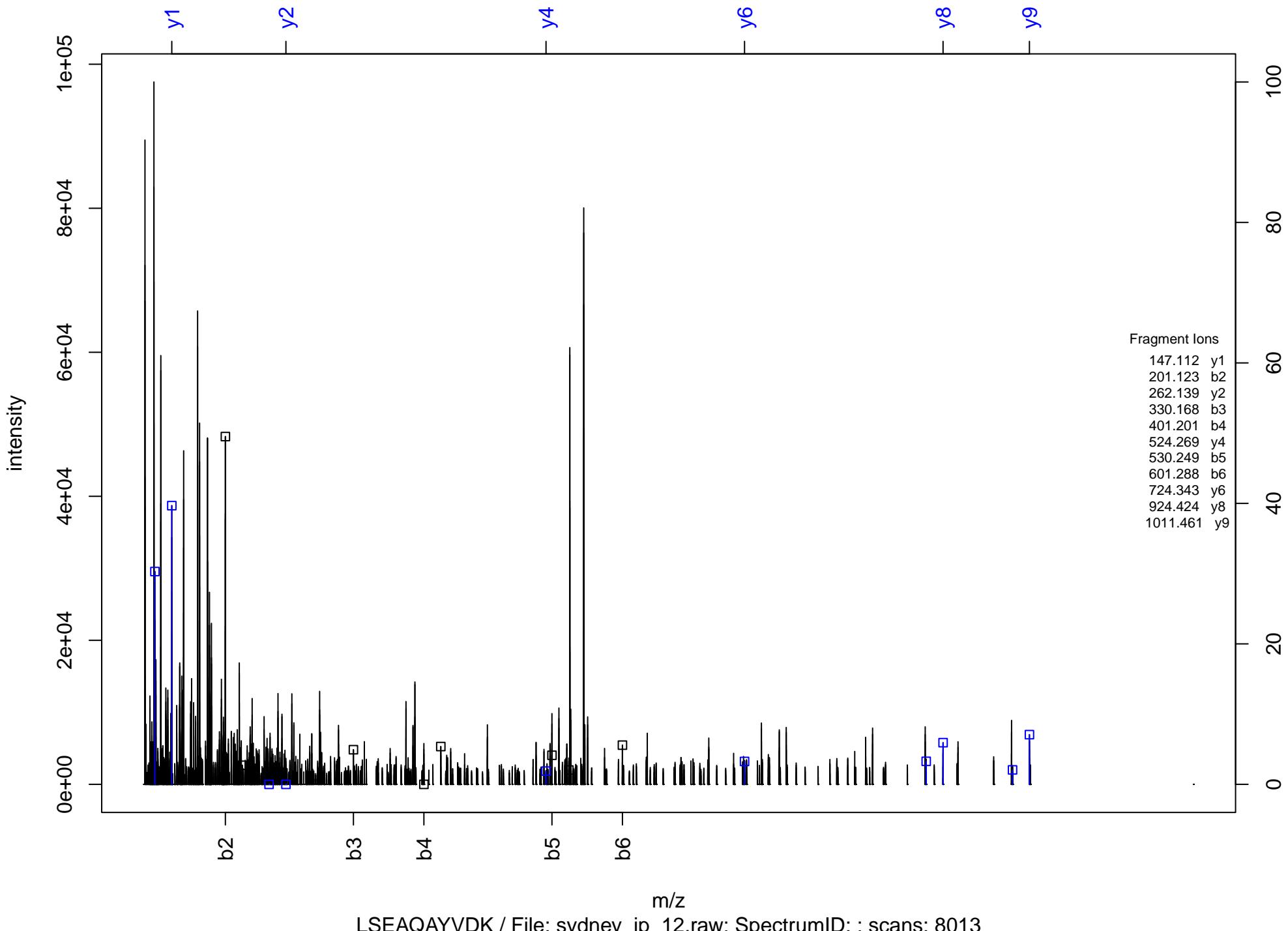


(Ac)HQ^AVVEEQMNTGSLM*^R

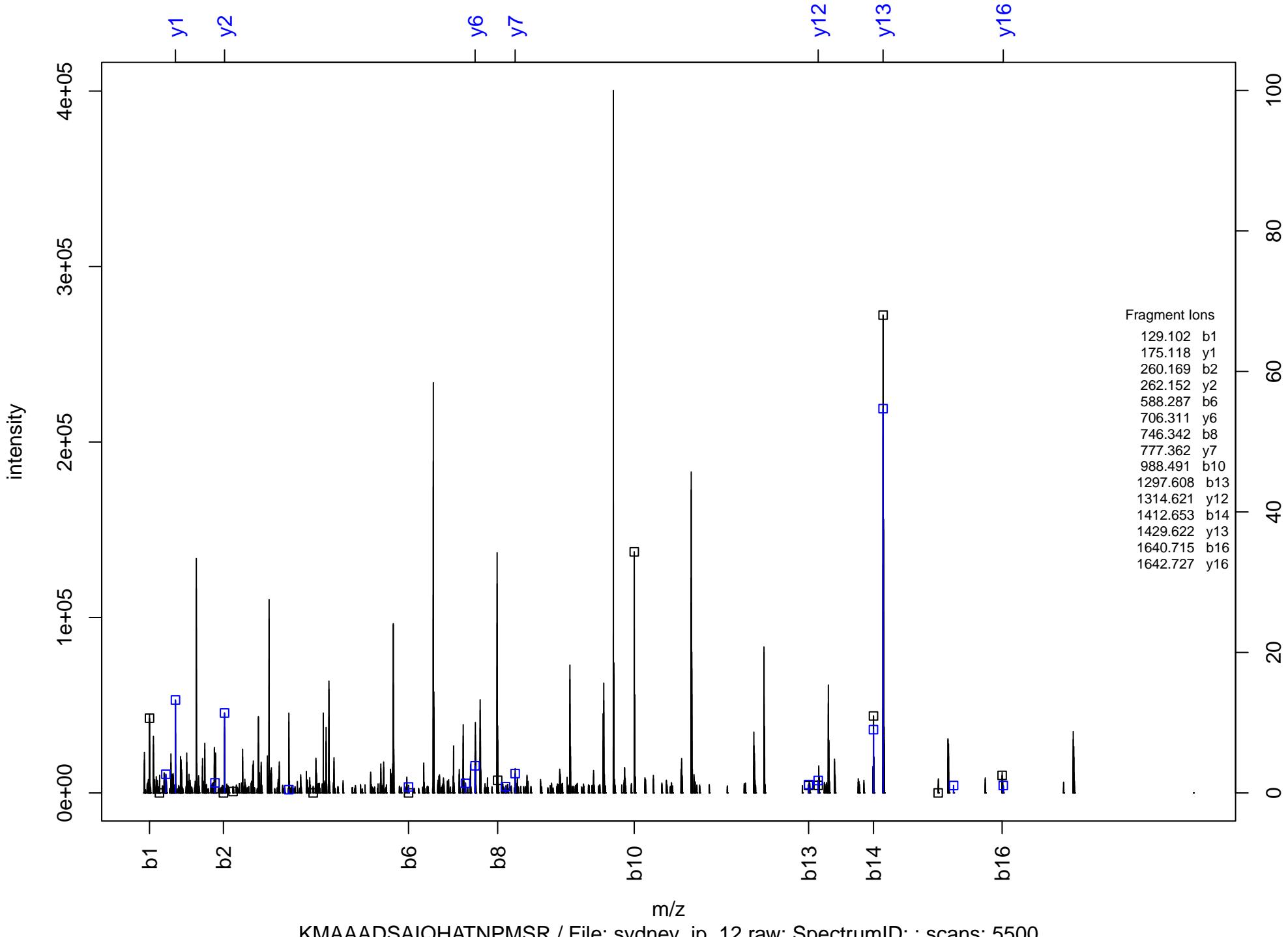


HQVVEEQMNTGSLMR / File: sydney_ip_12.raw; SpectrumID: ; scans: 5641

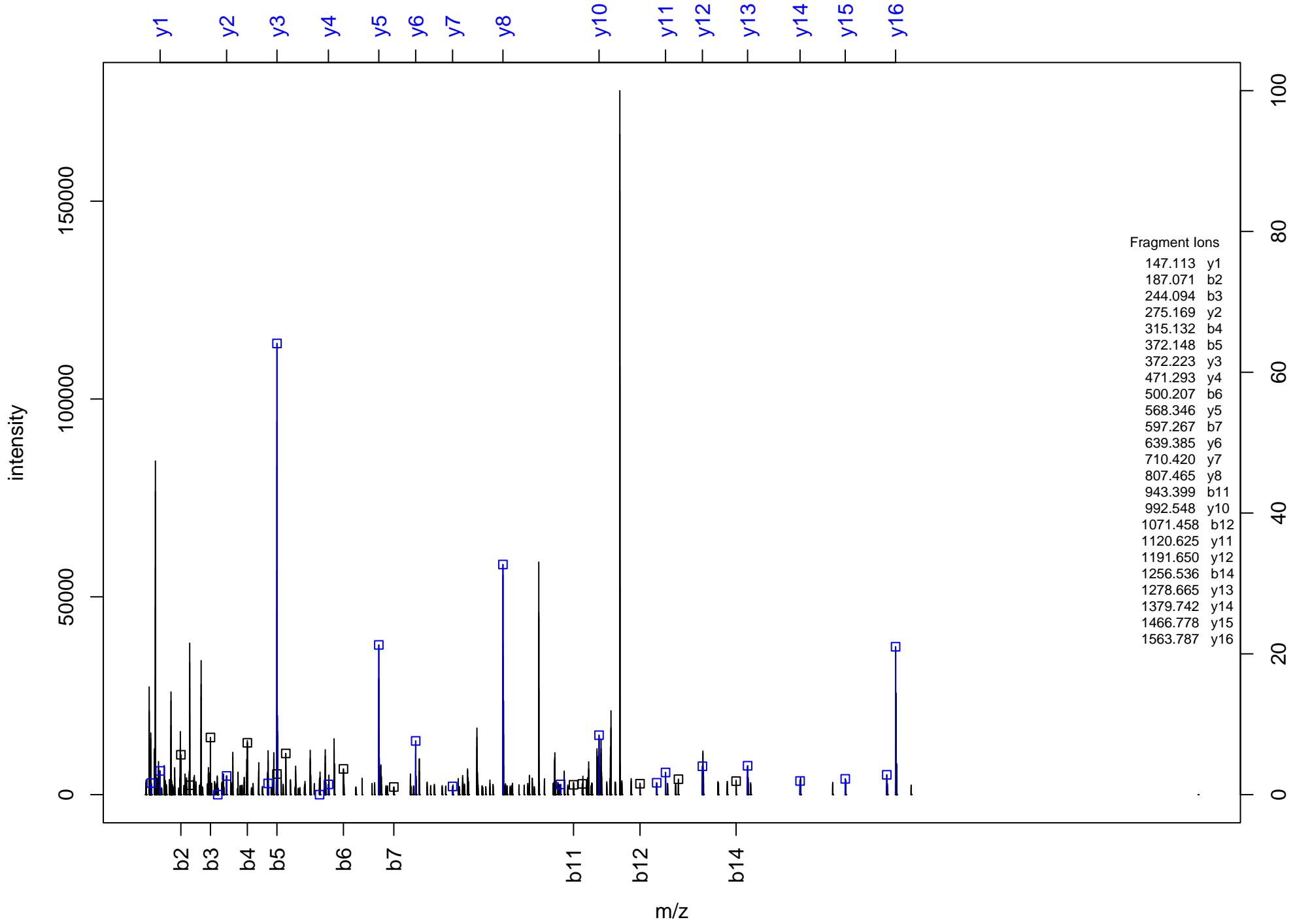
LSEAQ^AYVDK



KMAAADSAIQ^HATN^PMSR

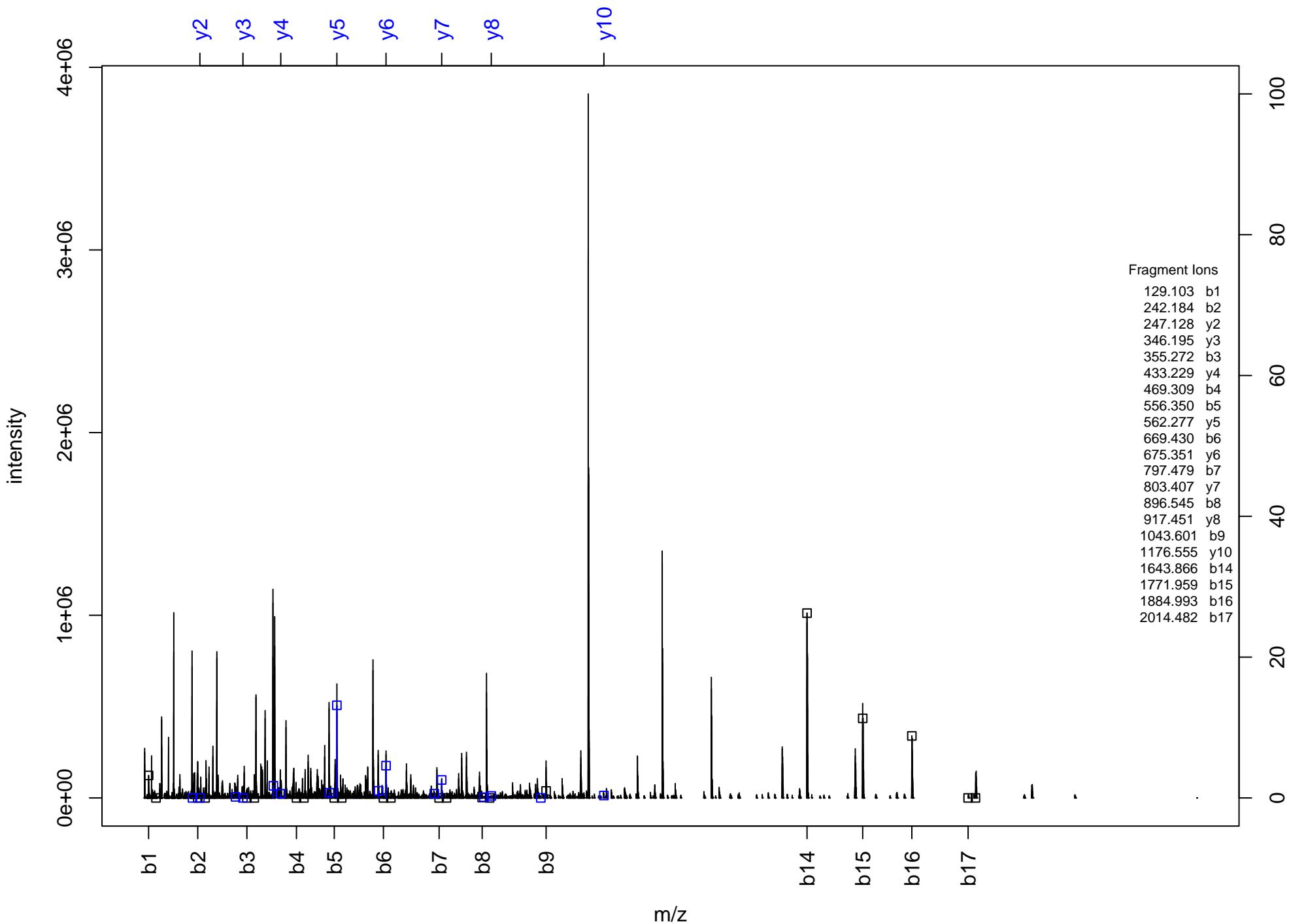


GEGAGQPSTSAQGQPAAPVPQK

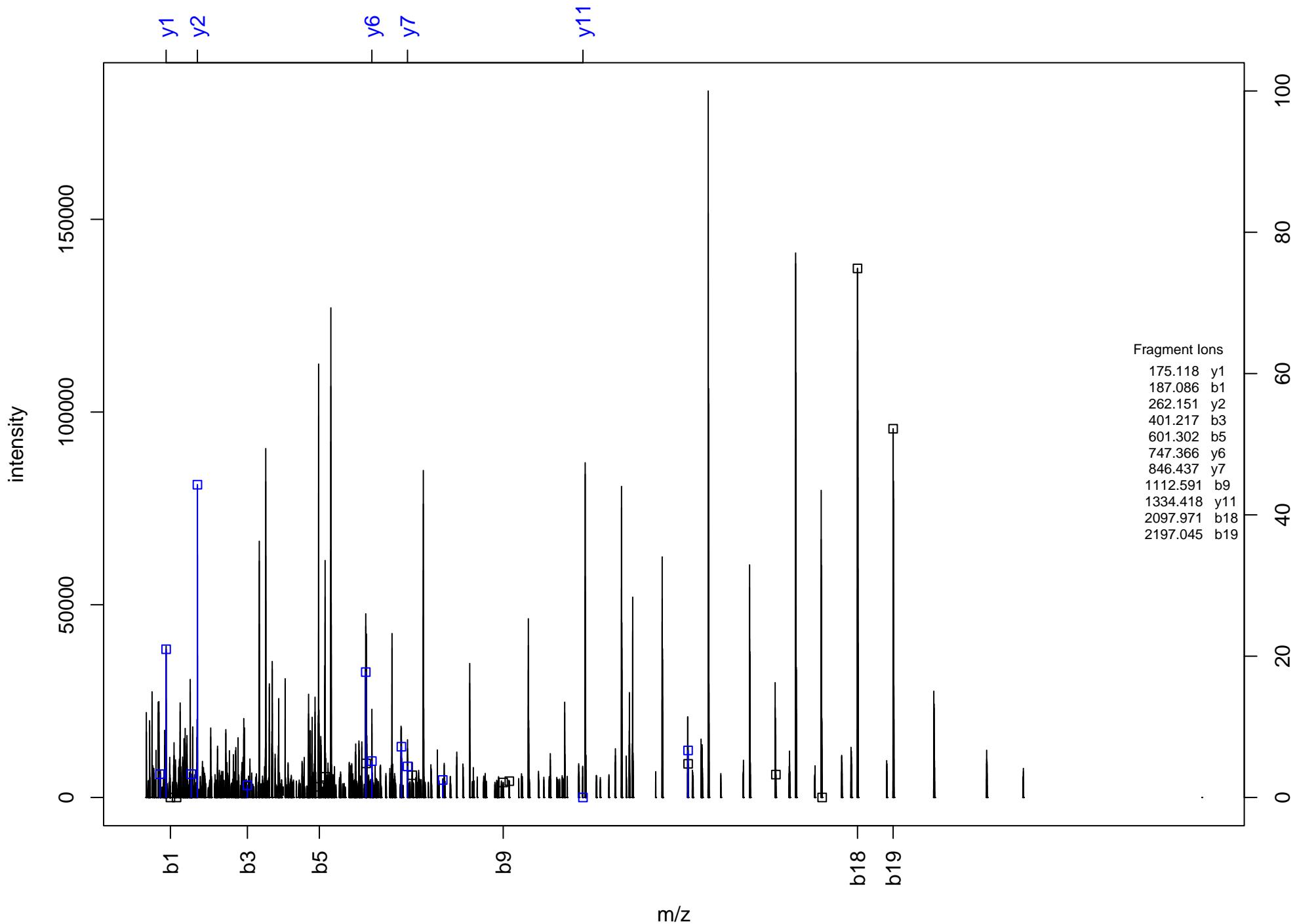


GEGAGQPSTSAQGQPAAPVPQK / File: sydney_ip_12.raw; SpectrumID: ; scans: 2710

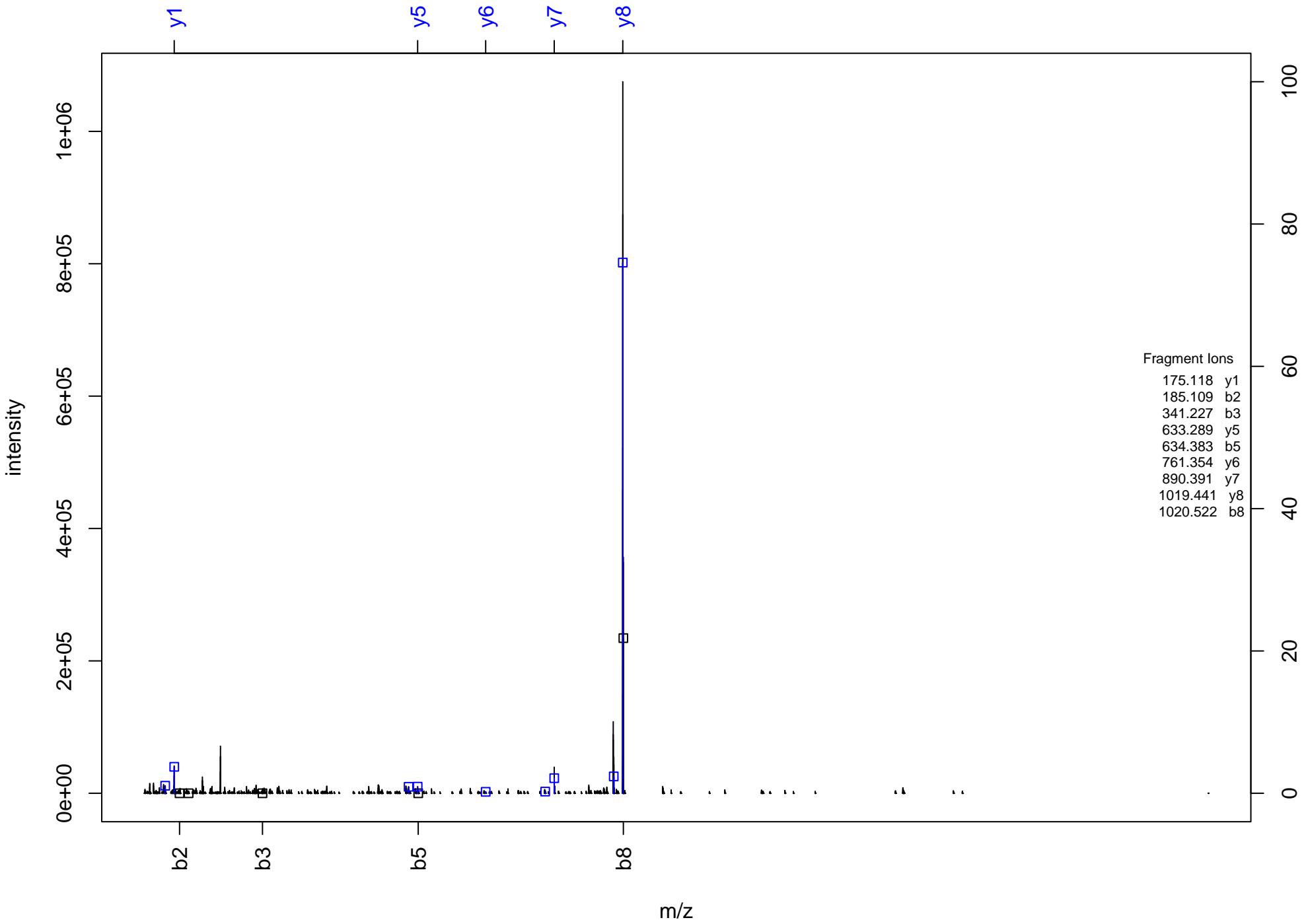
KILNSIQVM*RAQMNQIQ^SVEV



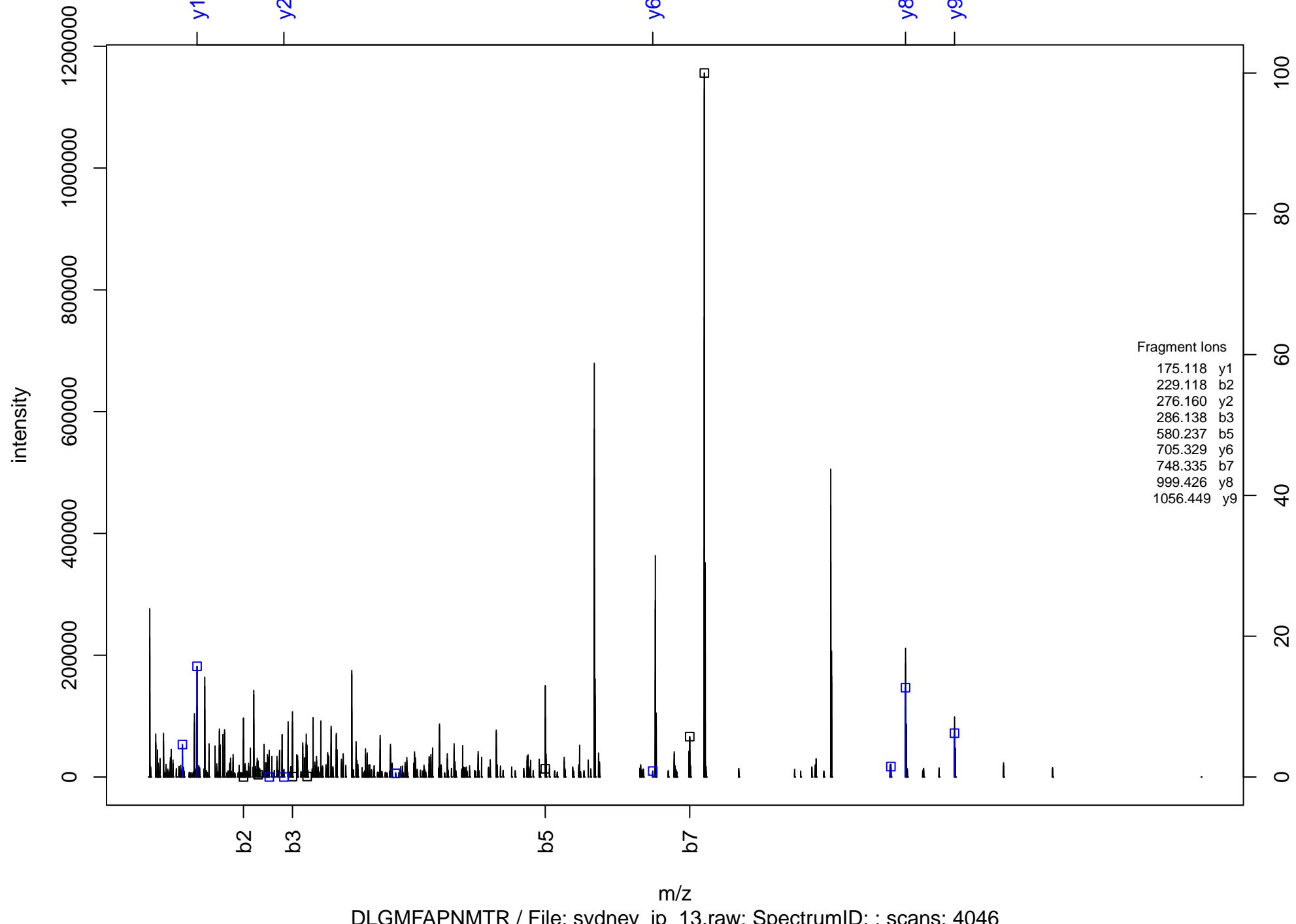
WTLAELQNLRTSVPEDQ^DVAEERSR



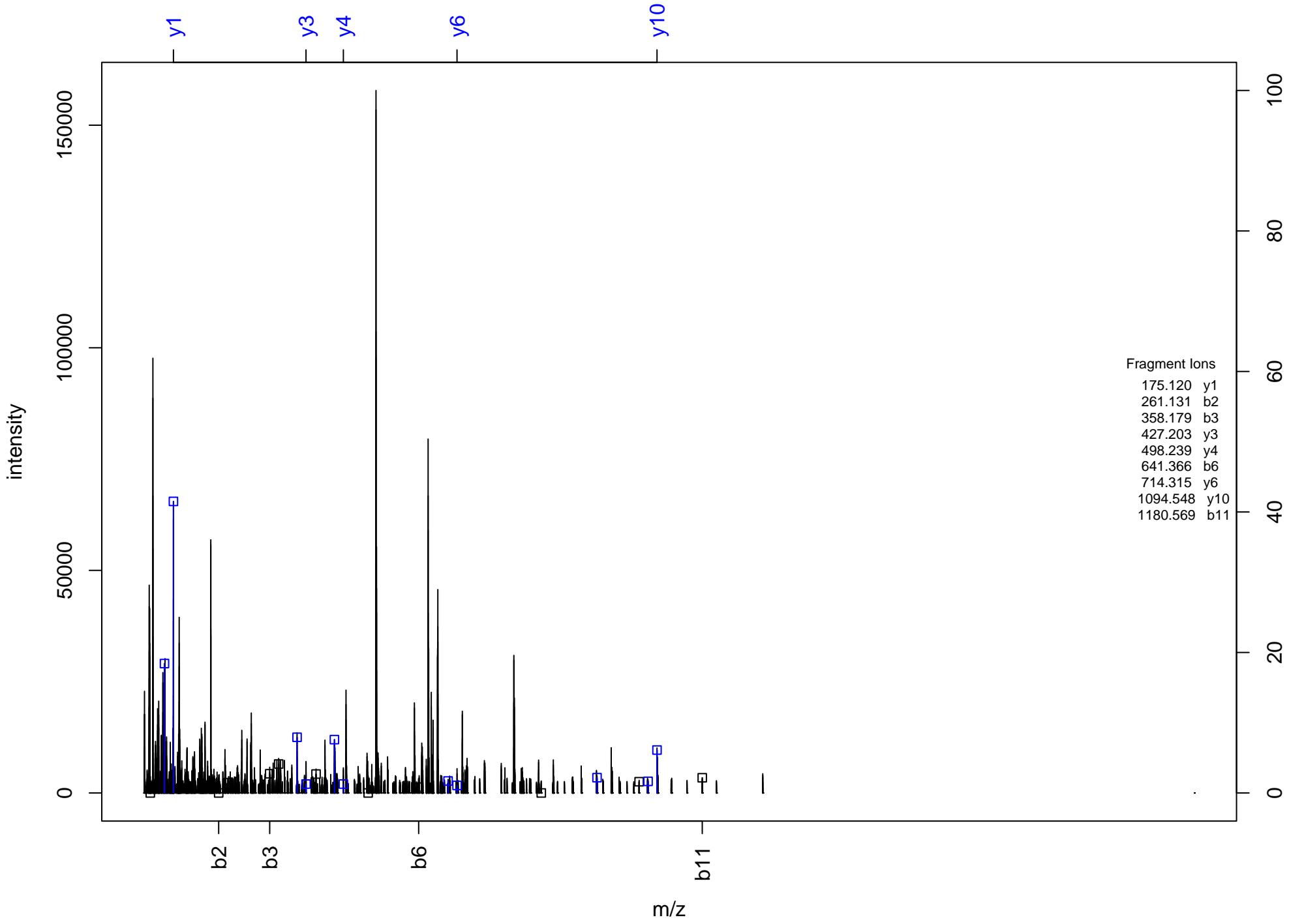
LARRHQ^Q^QQ^EQQ^NSQR



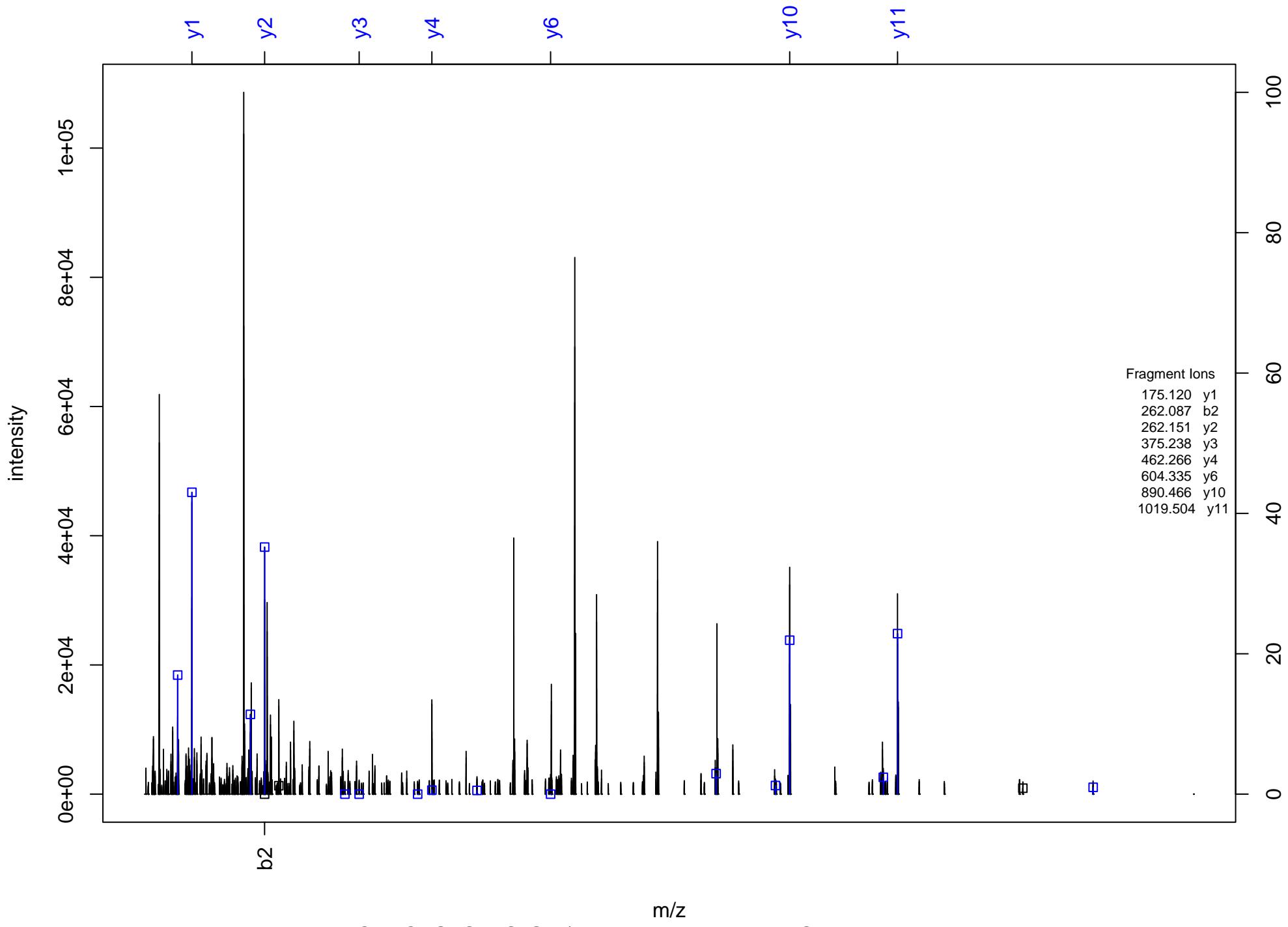
DLGM*FAPNM*TR



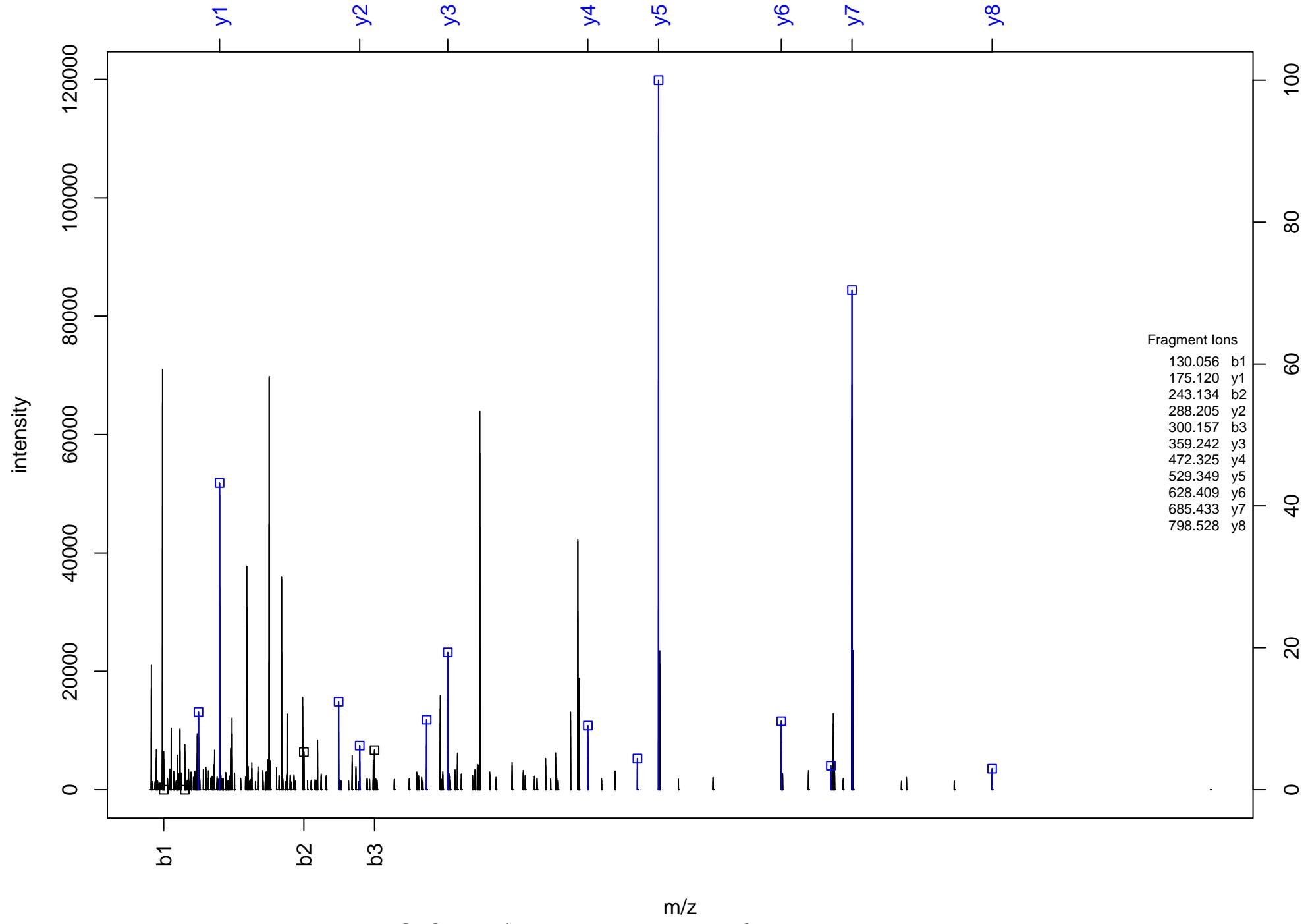
LM*PAVLQ^SAN^HR



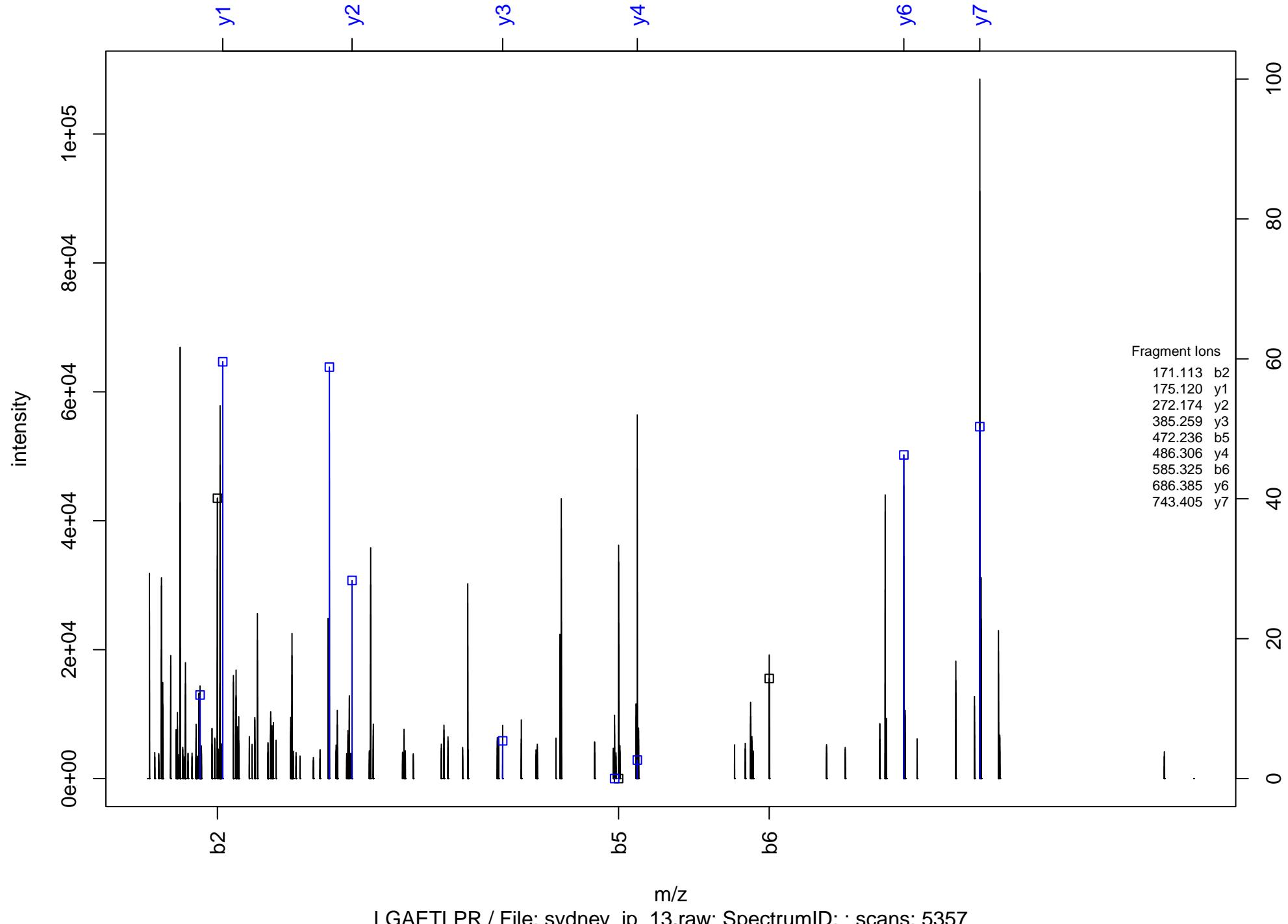
M^{*}NYM^{*}Q[^]NHQ[^]AGASAASLSR



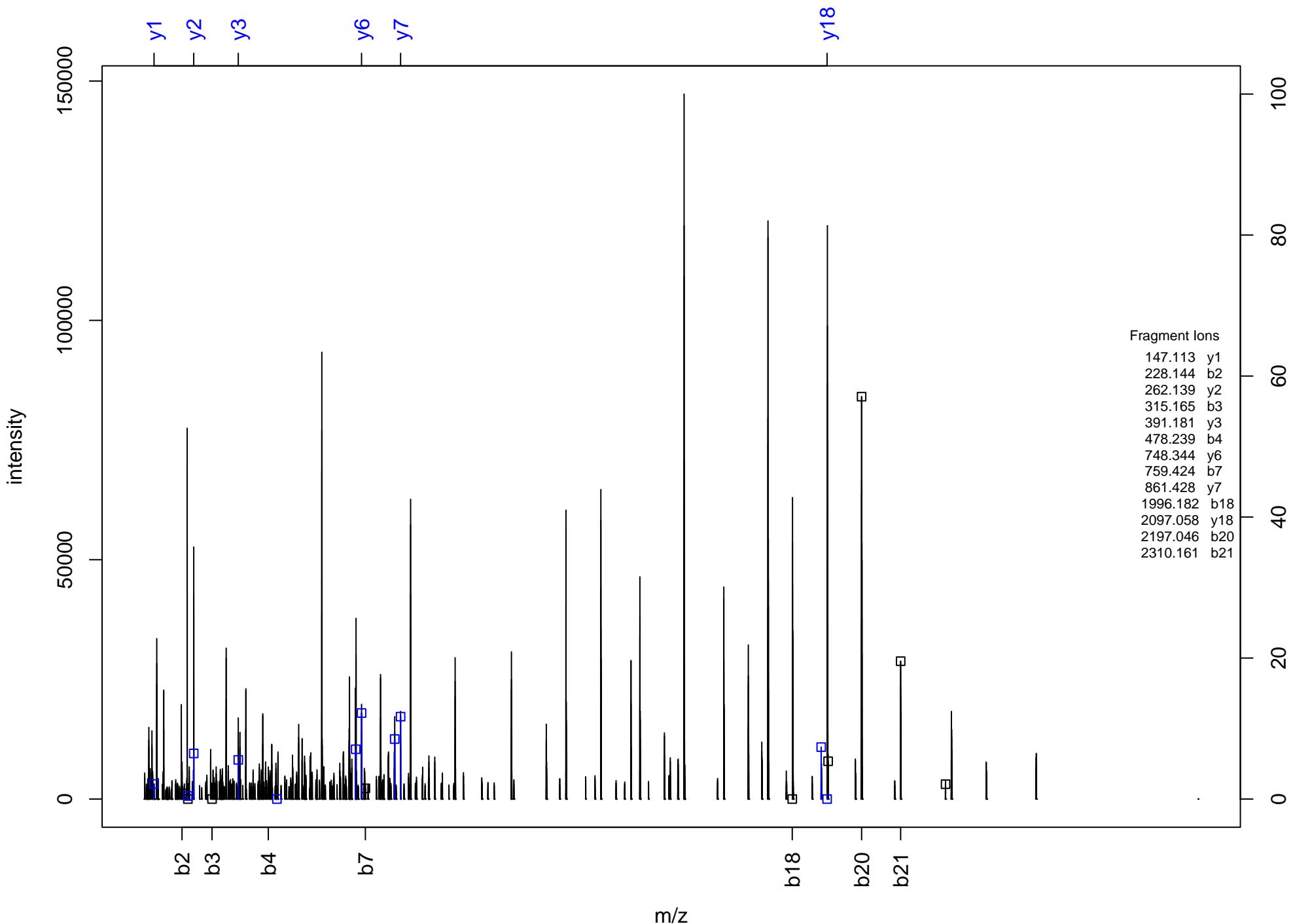
ELGVGLALR



LGAETLPR

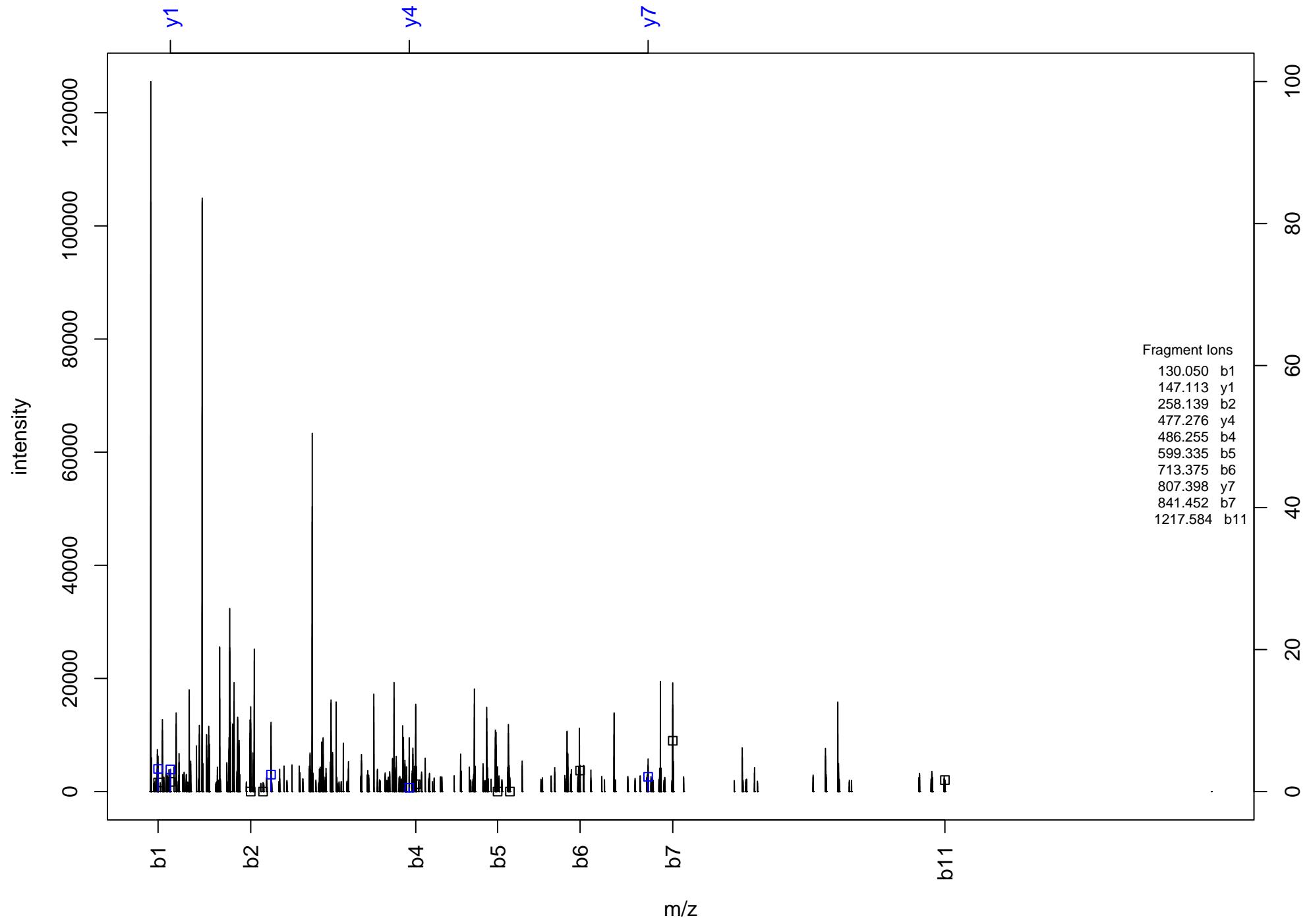


RASYIPASDGVQ^N^FFQIVSNLLDEEN^K

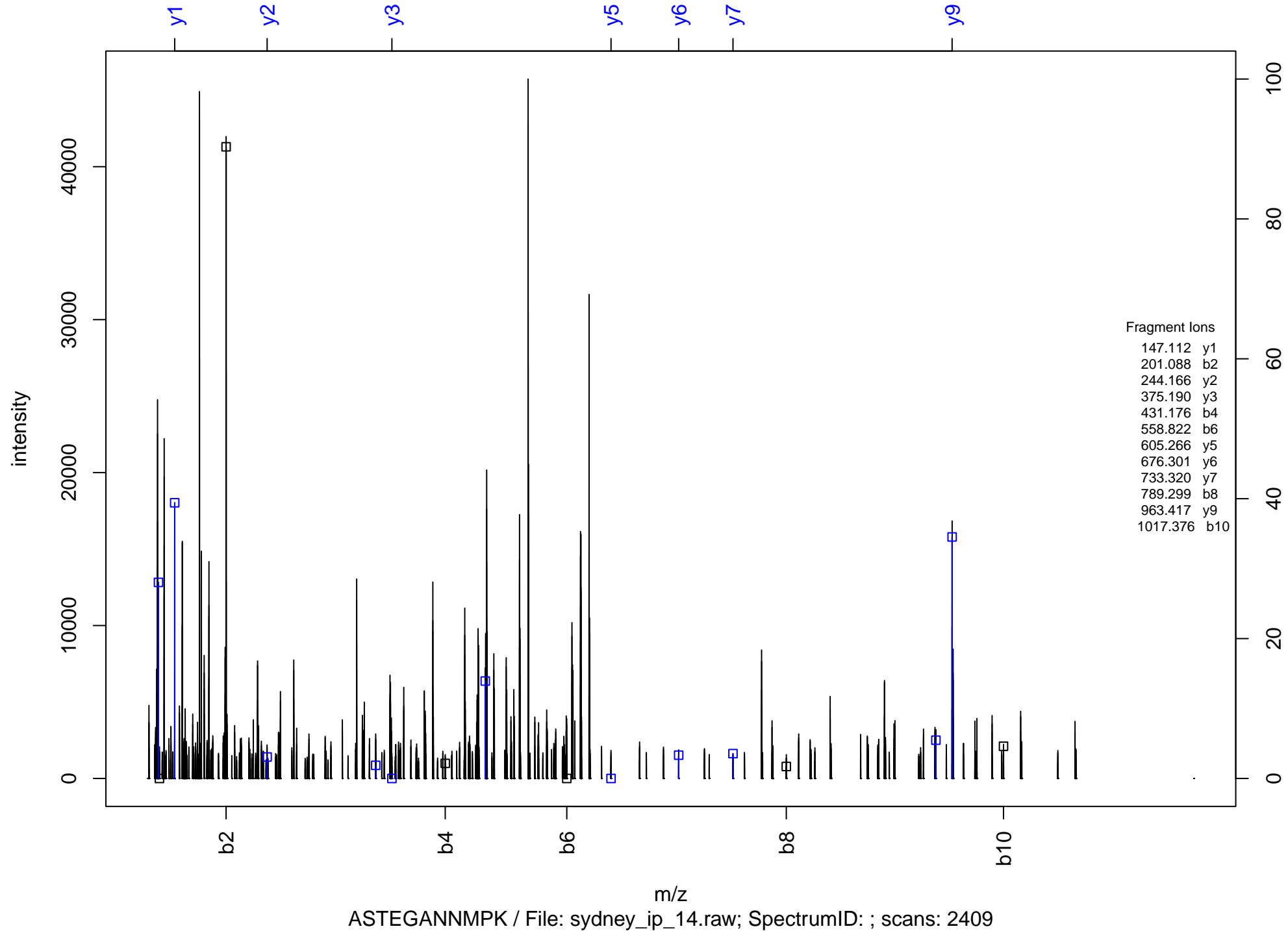


RASYIPASDGVQ^N^FFQIVSNLLDEEN^K / File: sydney_ip_13.raw; SpectrumID: ; scans: 14014

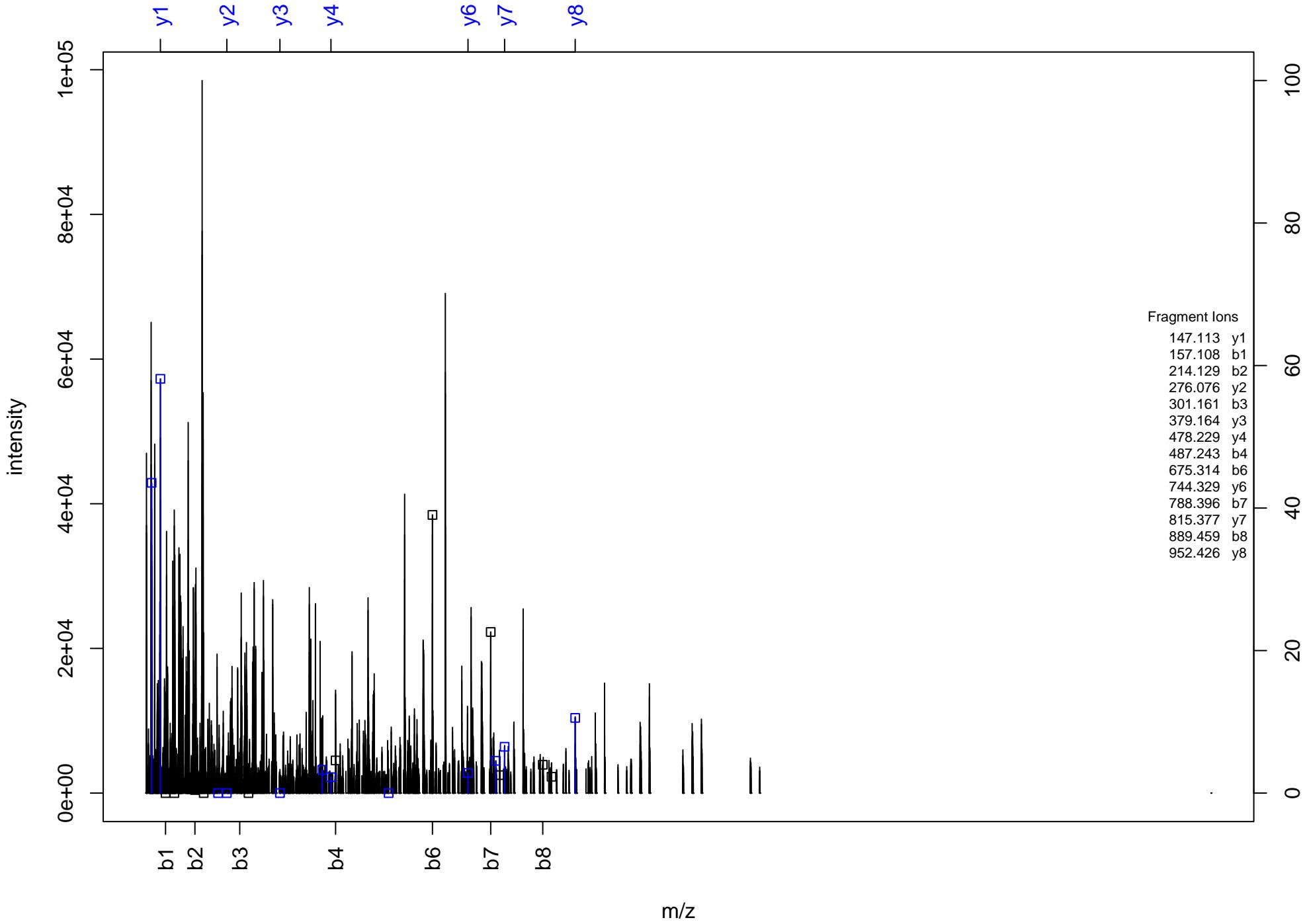
EKN^LINQN^SSSRK



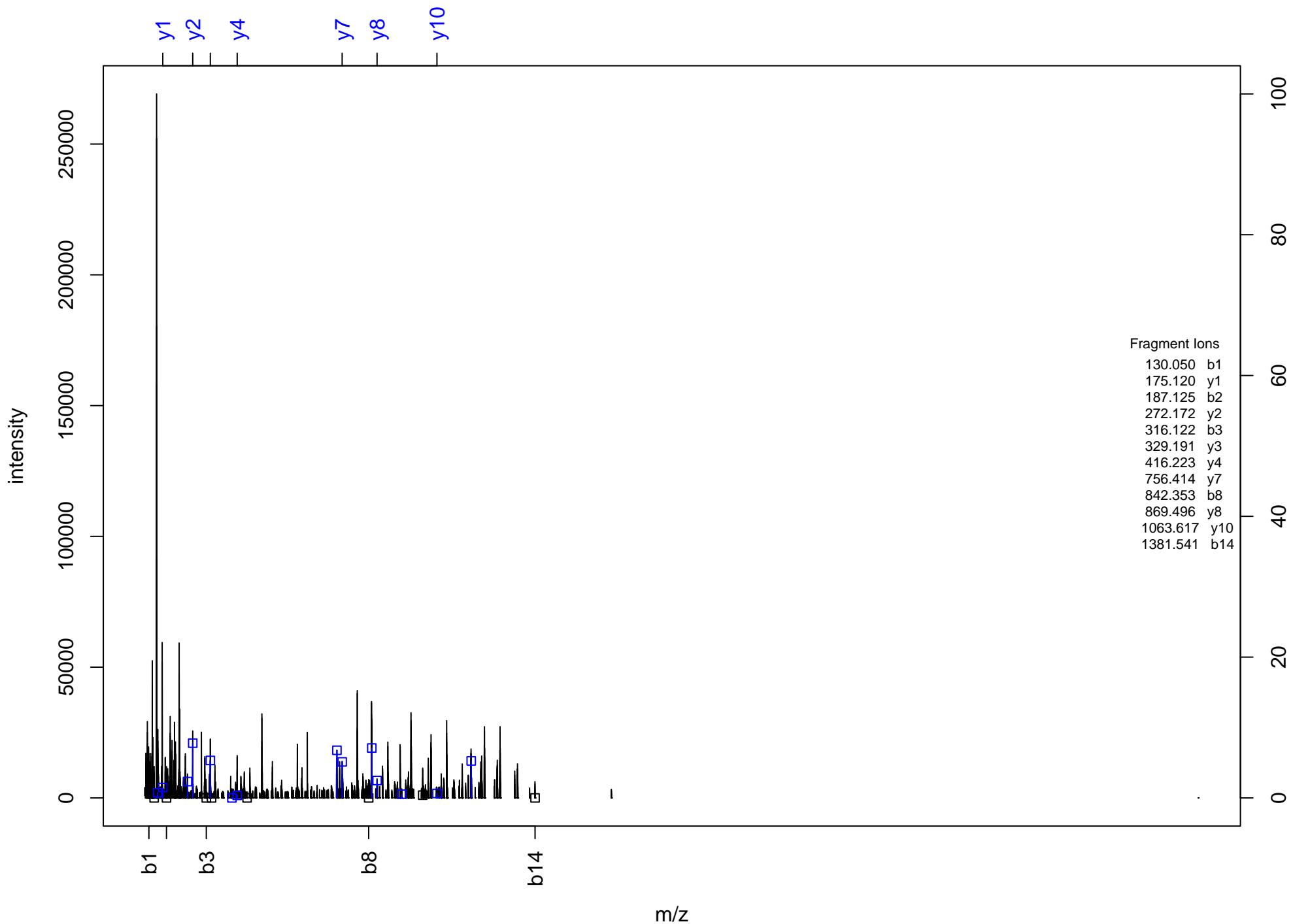
(Ac)ASTEGAN^N^MPK



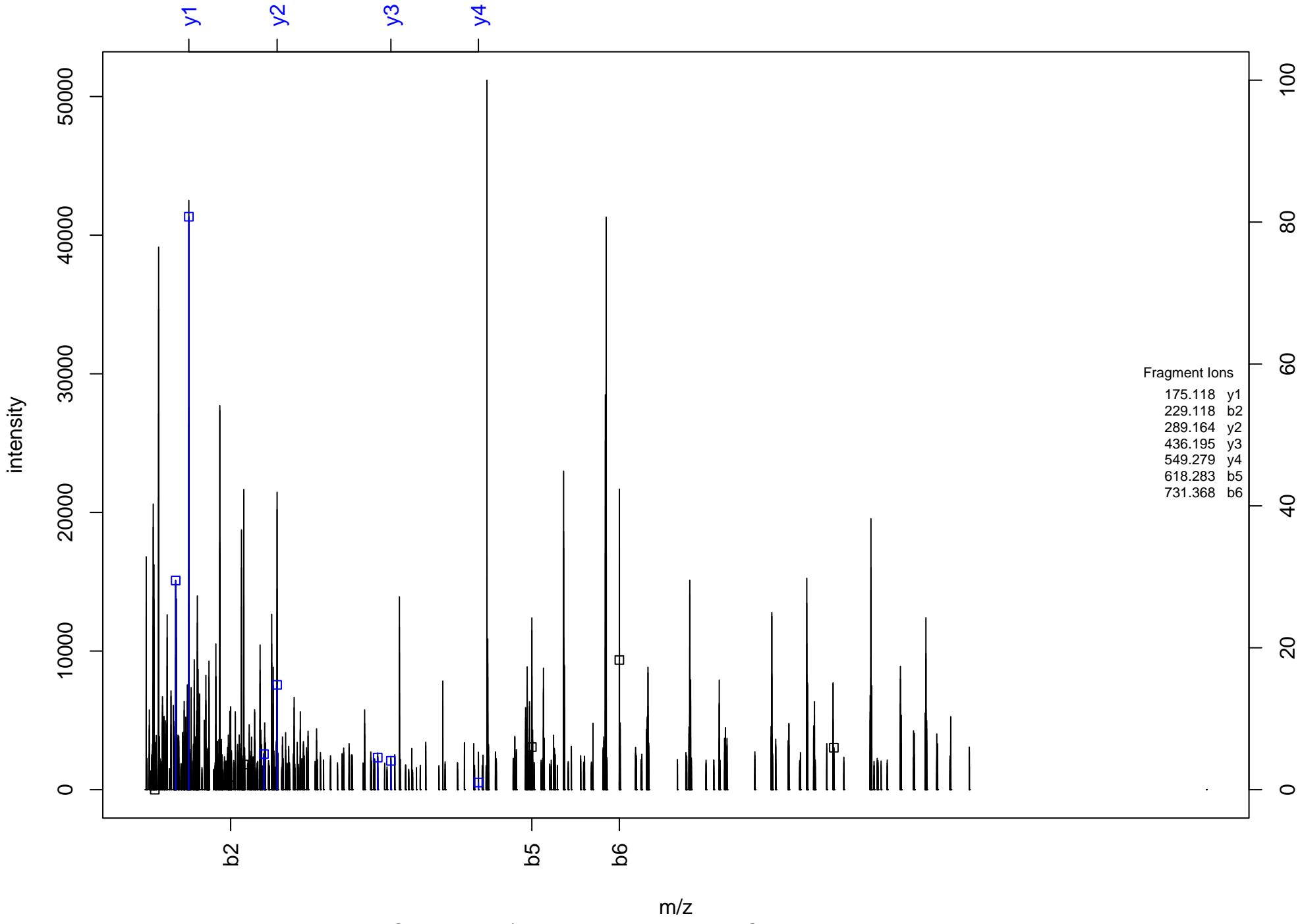
RGSWSTLTLSHAHEVCQ^K



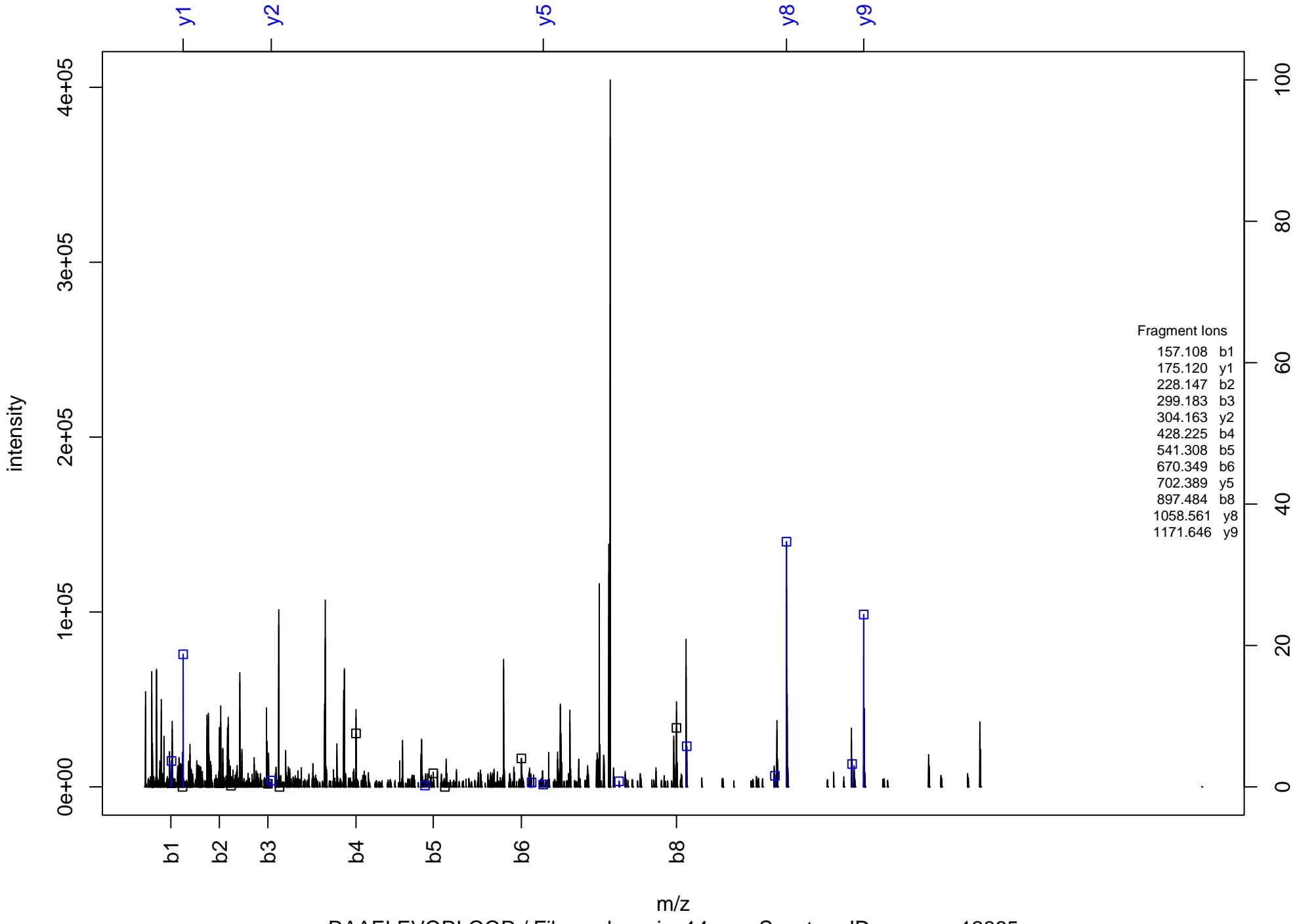
EGQ^DPNLSSAGRPTLQ^RPPHQQPPLRPSSGPR



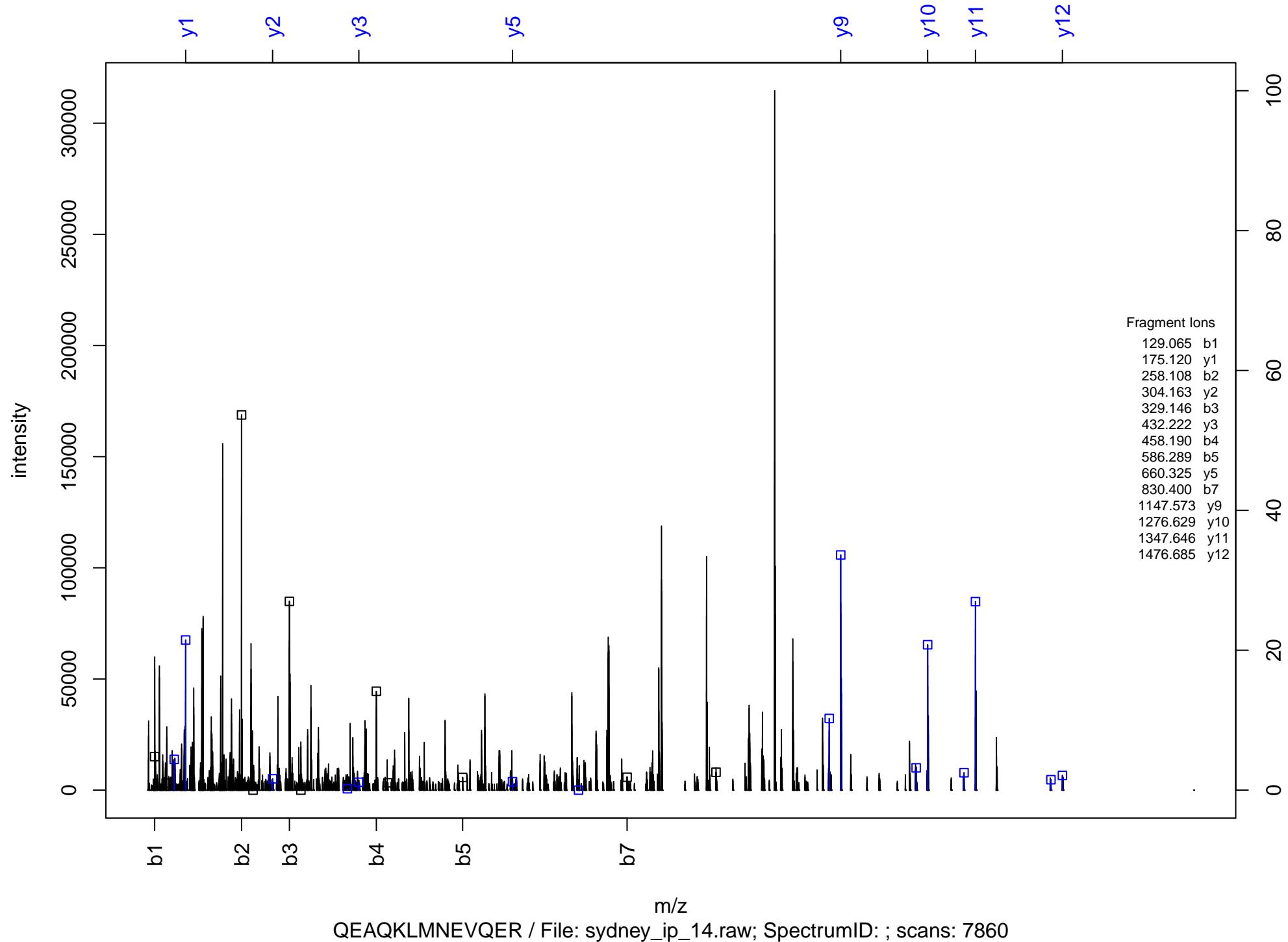
LDIQ^M*IM*IM*NR



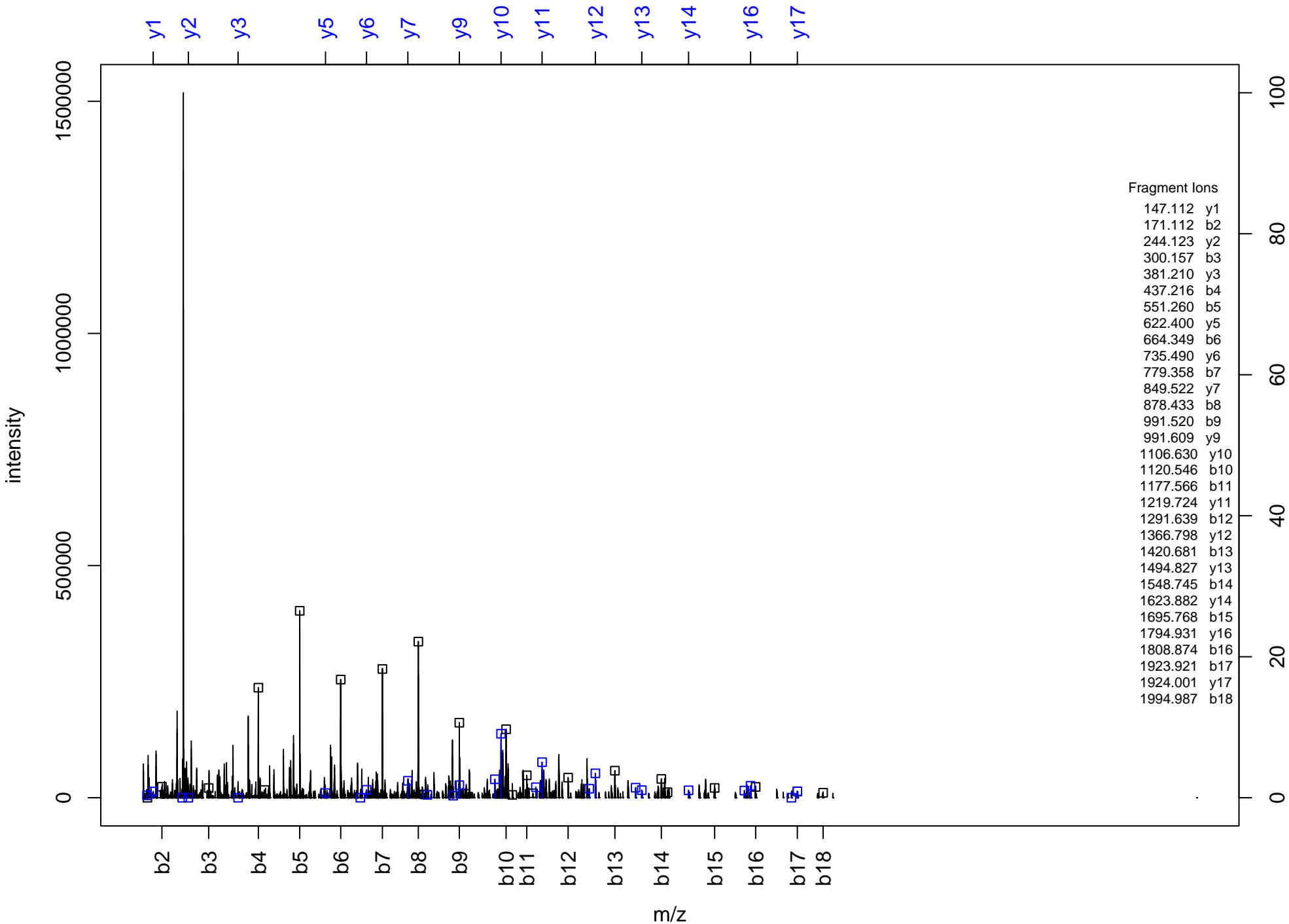
RAAELEVQRLQ^AQ^AR



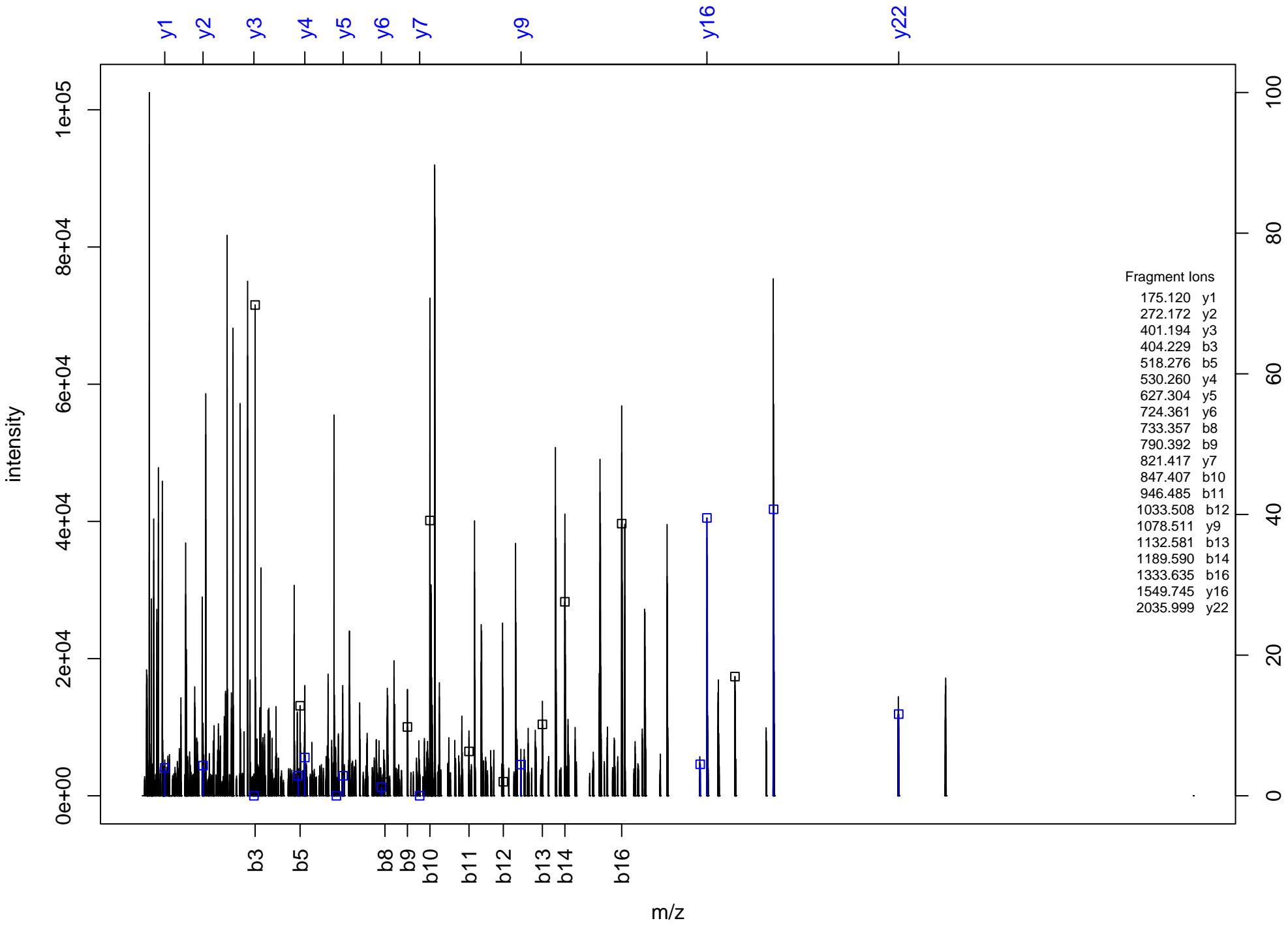
QEAQ^KLMN^EVQER



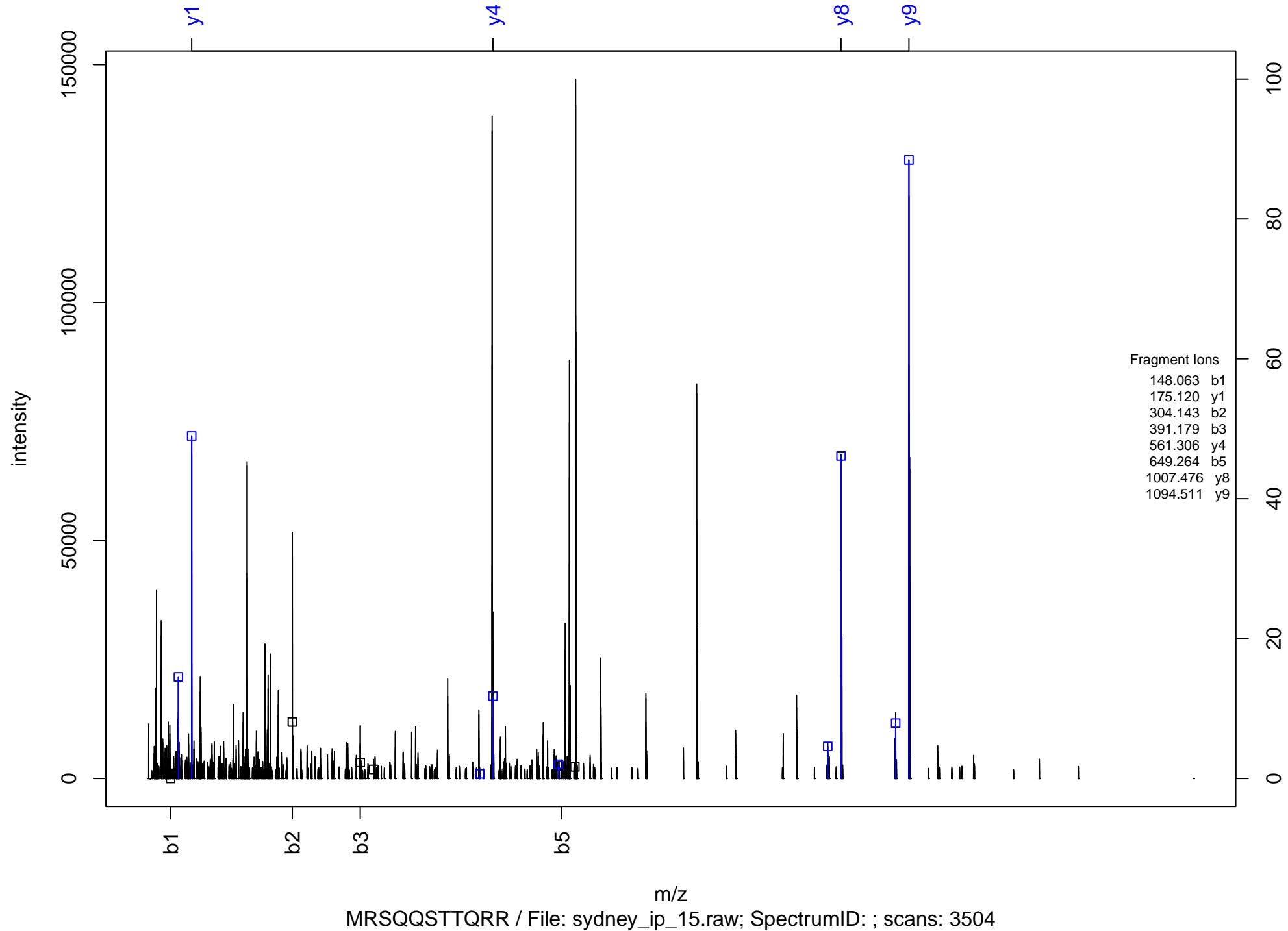
LGEHNIN^VLEGNEQFIDAANIIKHPK



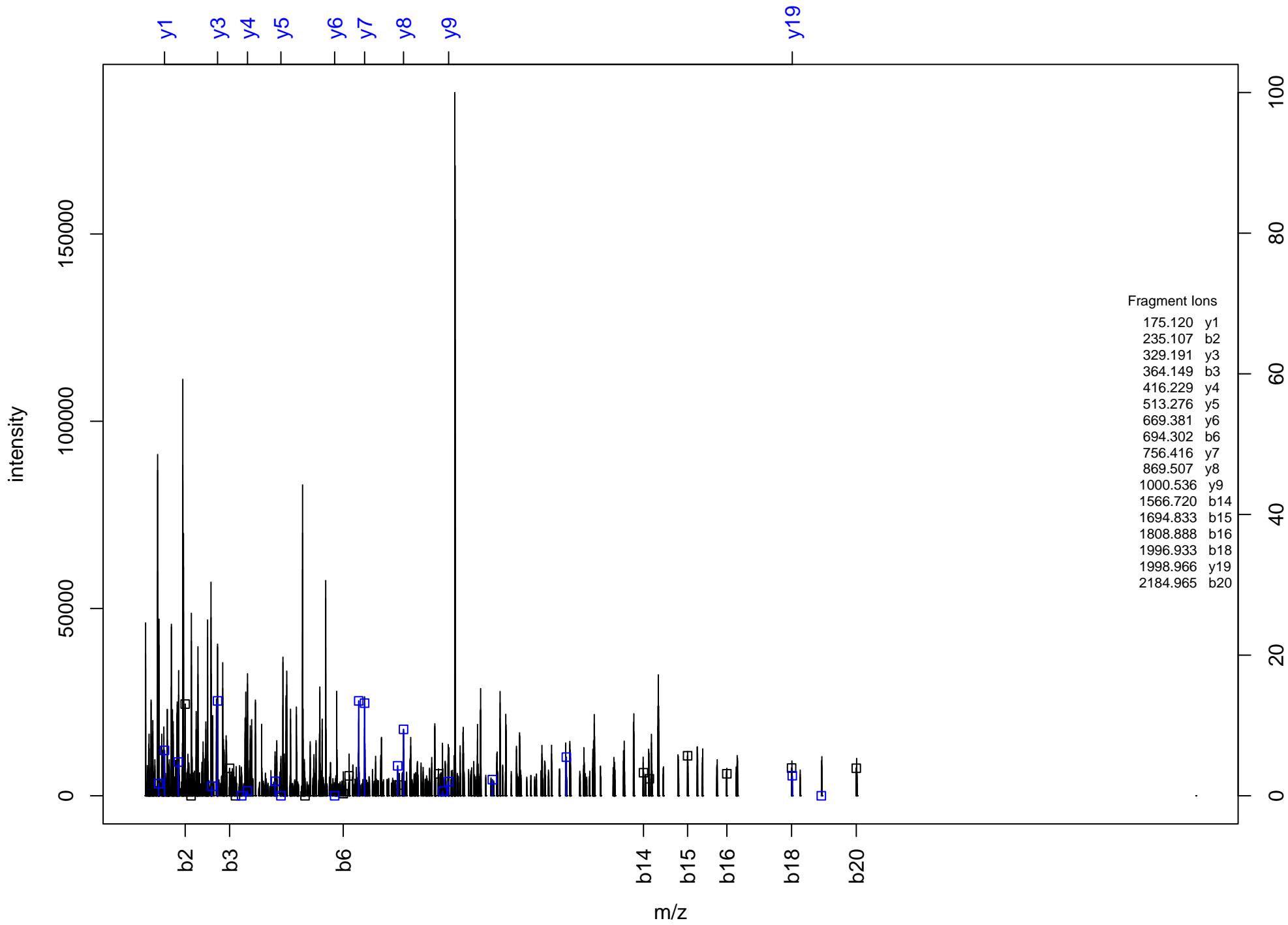
M^{*}KKGGGASGGVSVGGSGVGGQ^QPPPPQ^Q^QPR



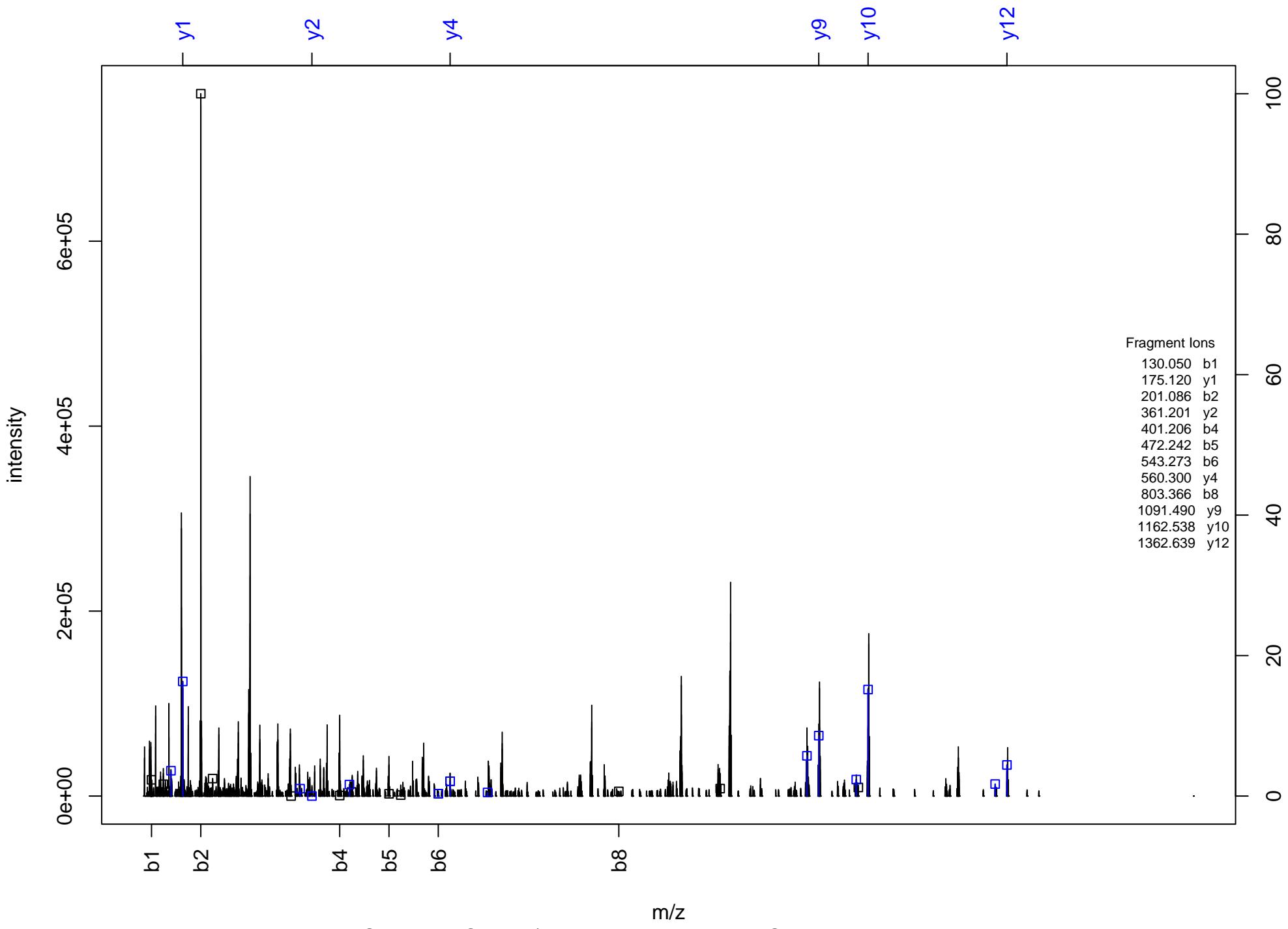
M^{*}RSQ^QSTTQ^RR



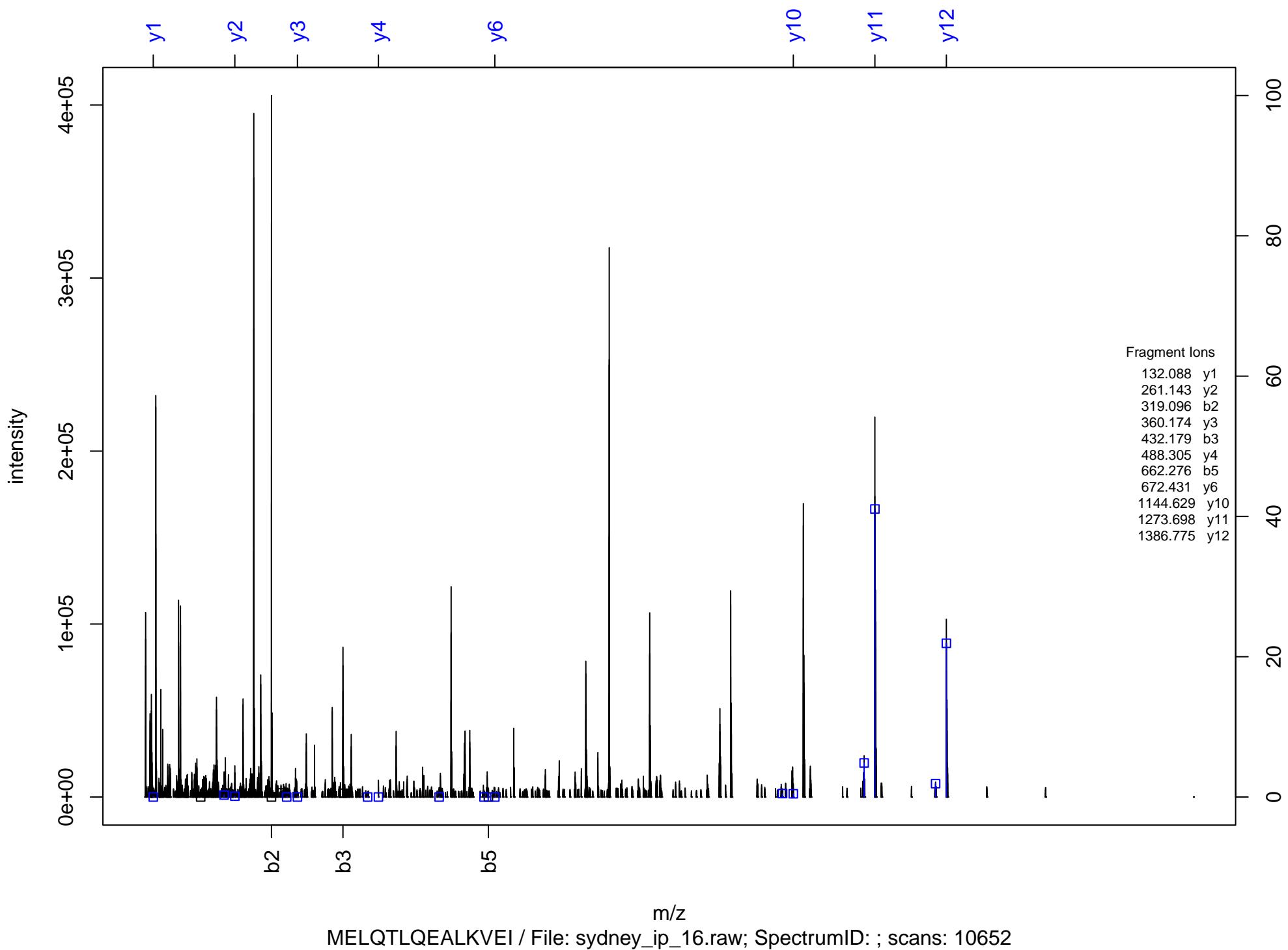
FSEDSKFITVN^PAEKNTSGMLSRPSPGR



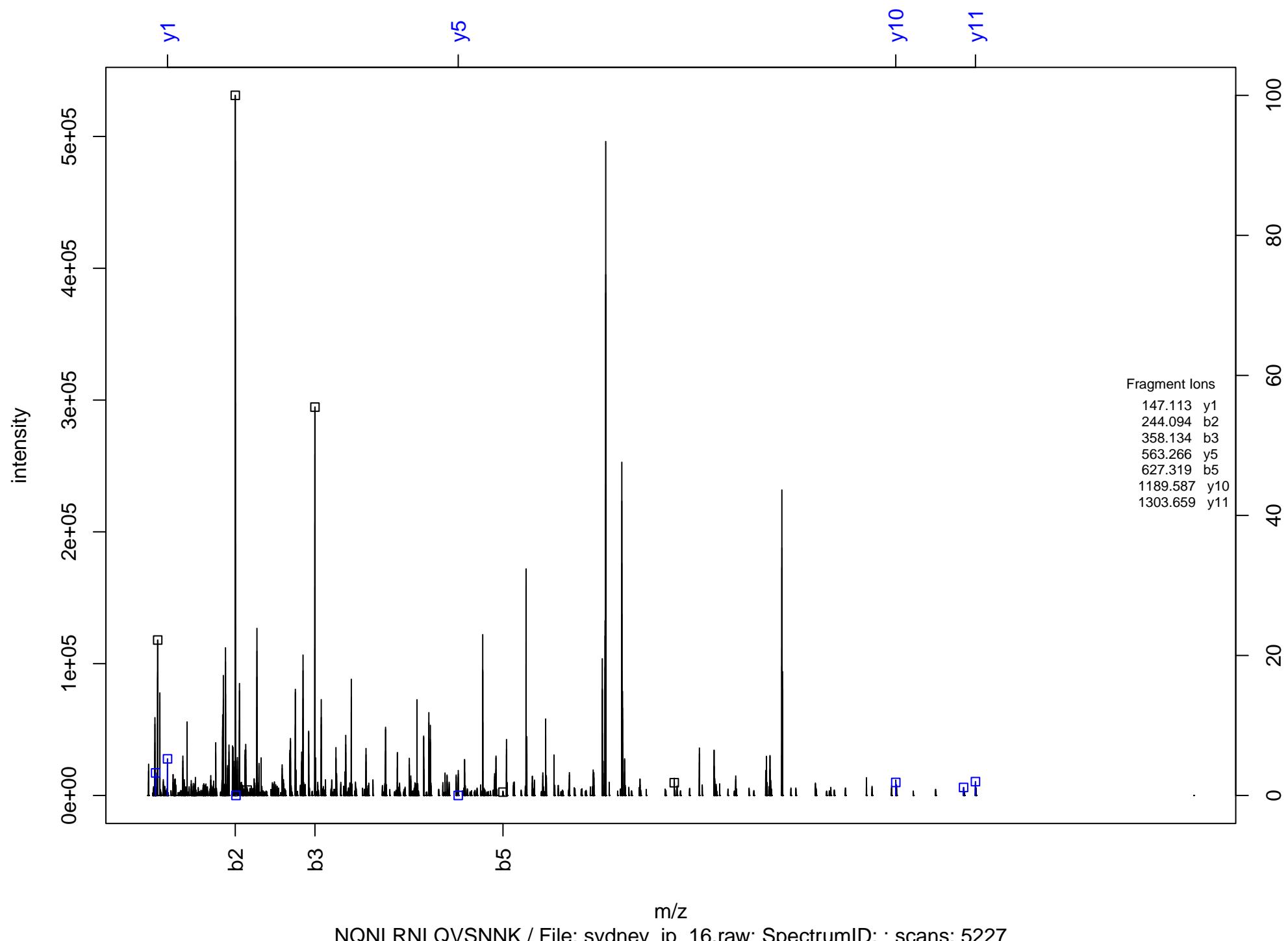
EALSAAMEEAQAWR



(Ac)M*ELQ^TLQ^EALKVEI

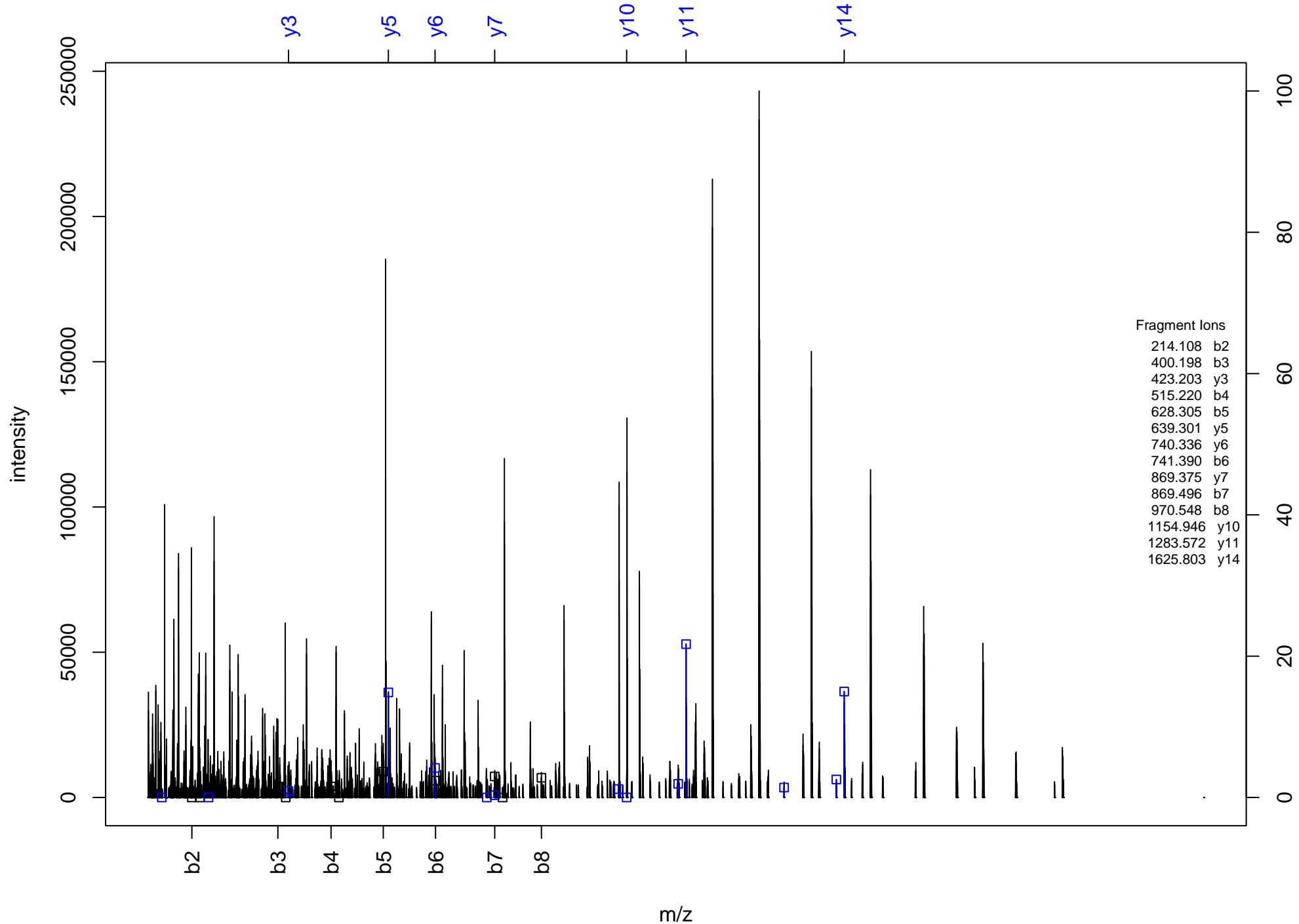


N^QNLRN^LQ^VSN^N^K

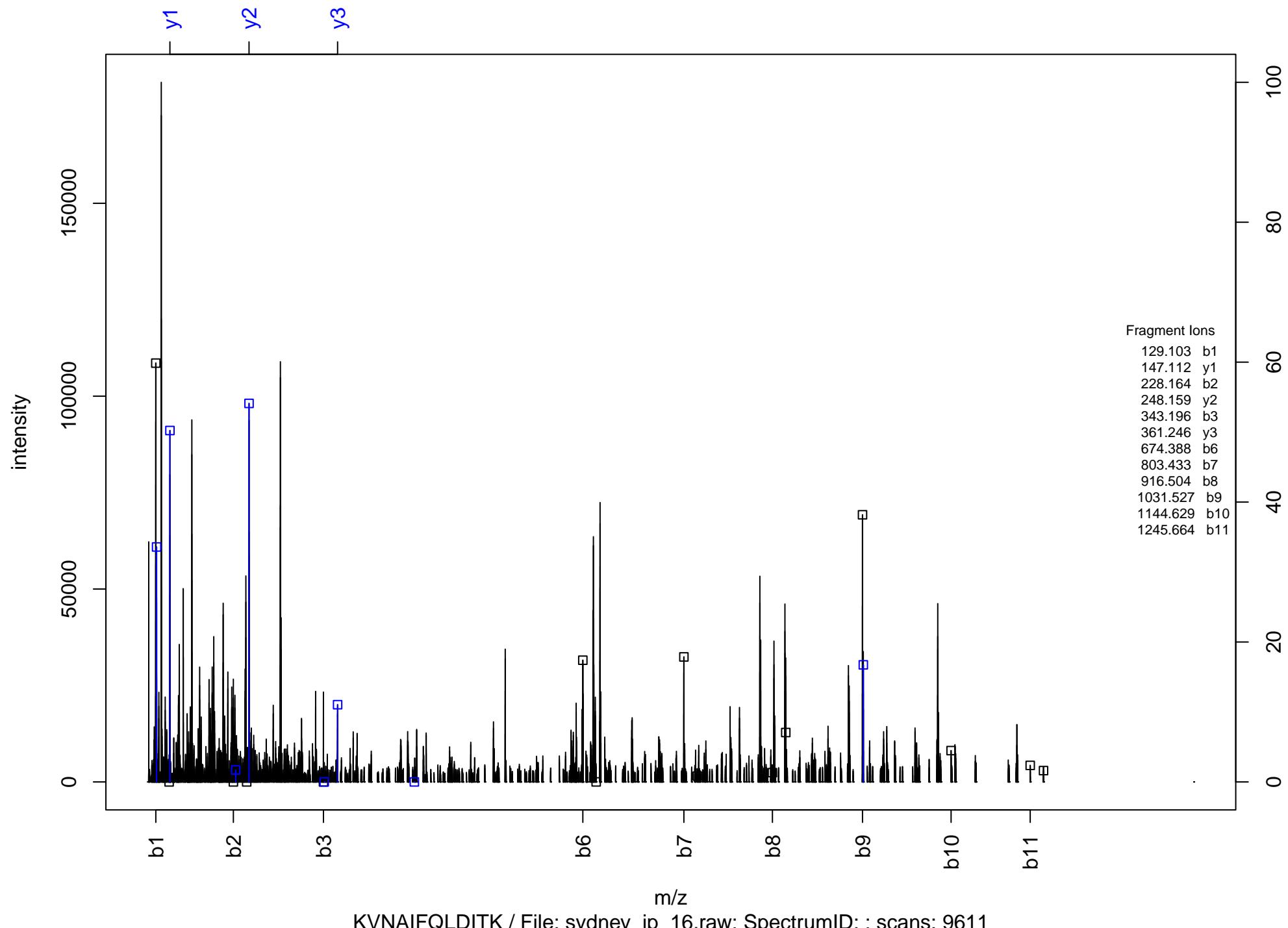


NQNLRN^LQ^VSN^N^K / File: sydney_ip_16.raw; SpectrumID: ; scans: 5227

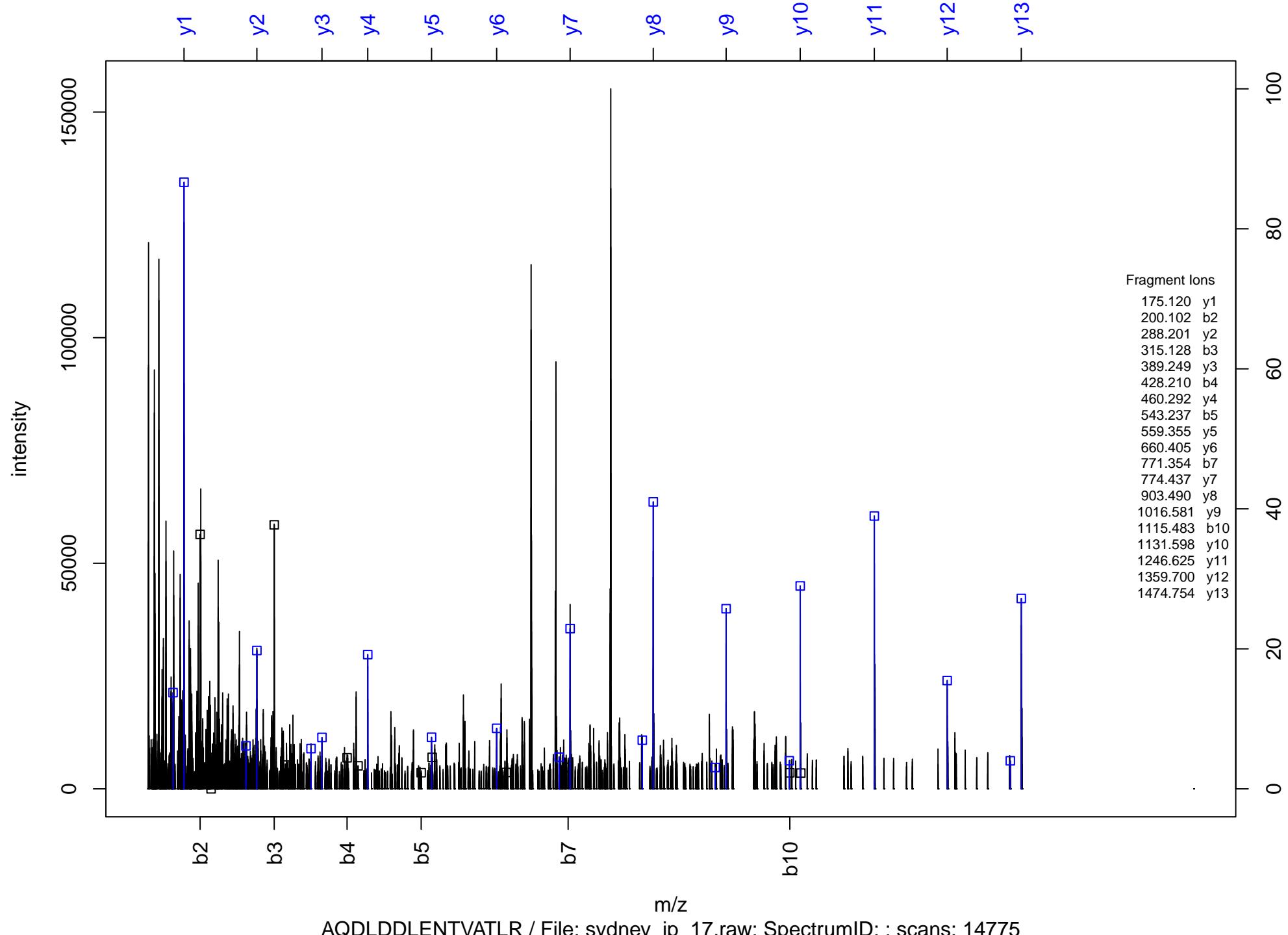
NVWN^ALLKTQ^AIN^AGETCIRTM*



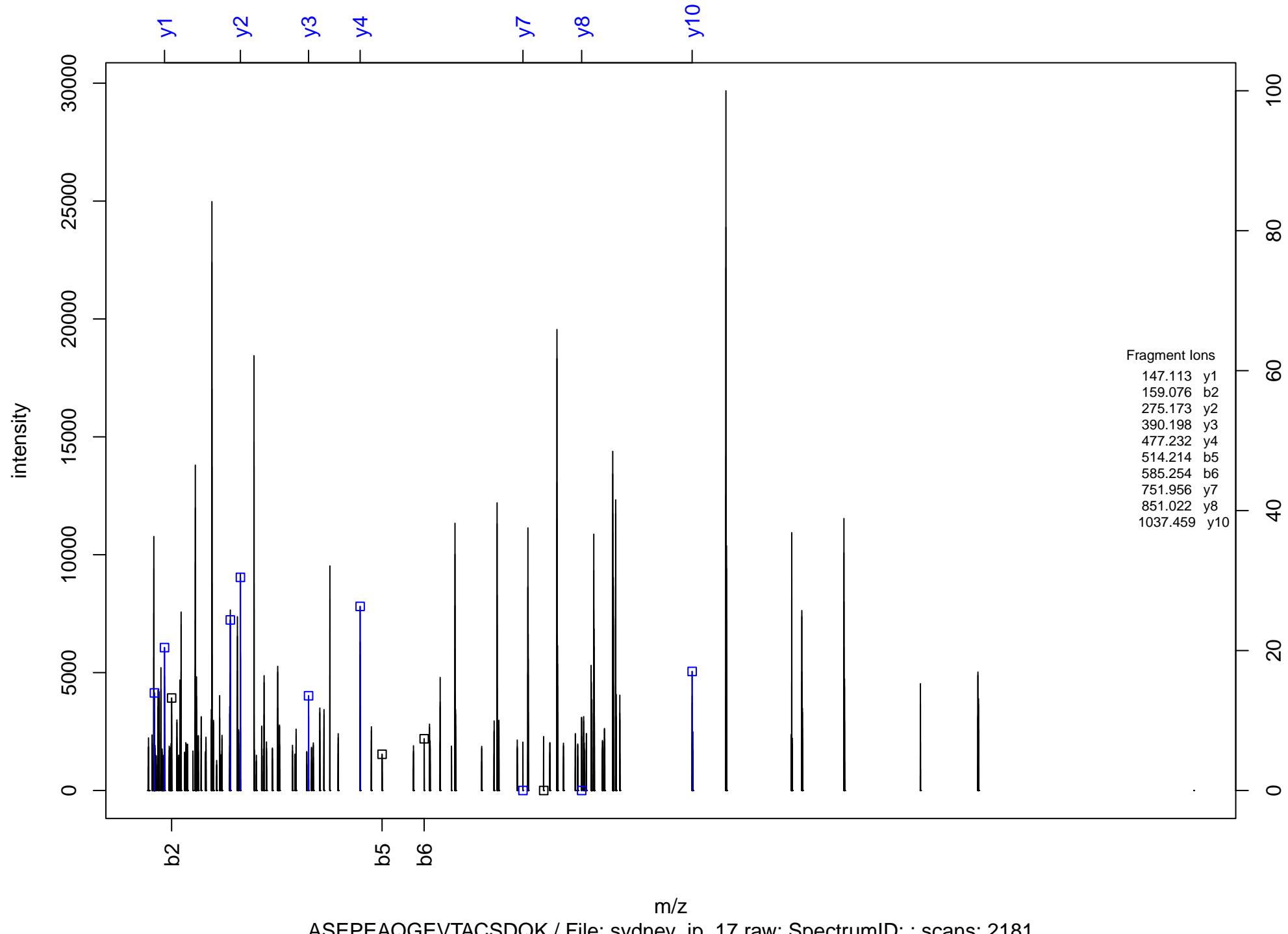
KVN^AIFQ^LDITK



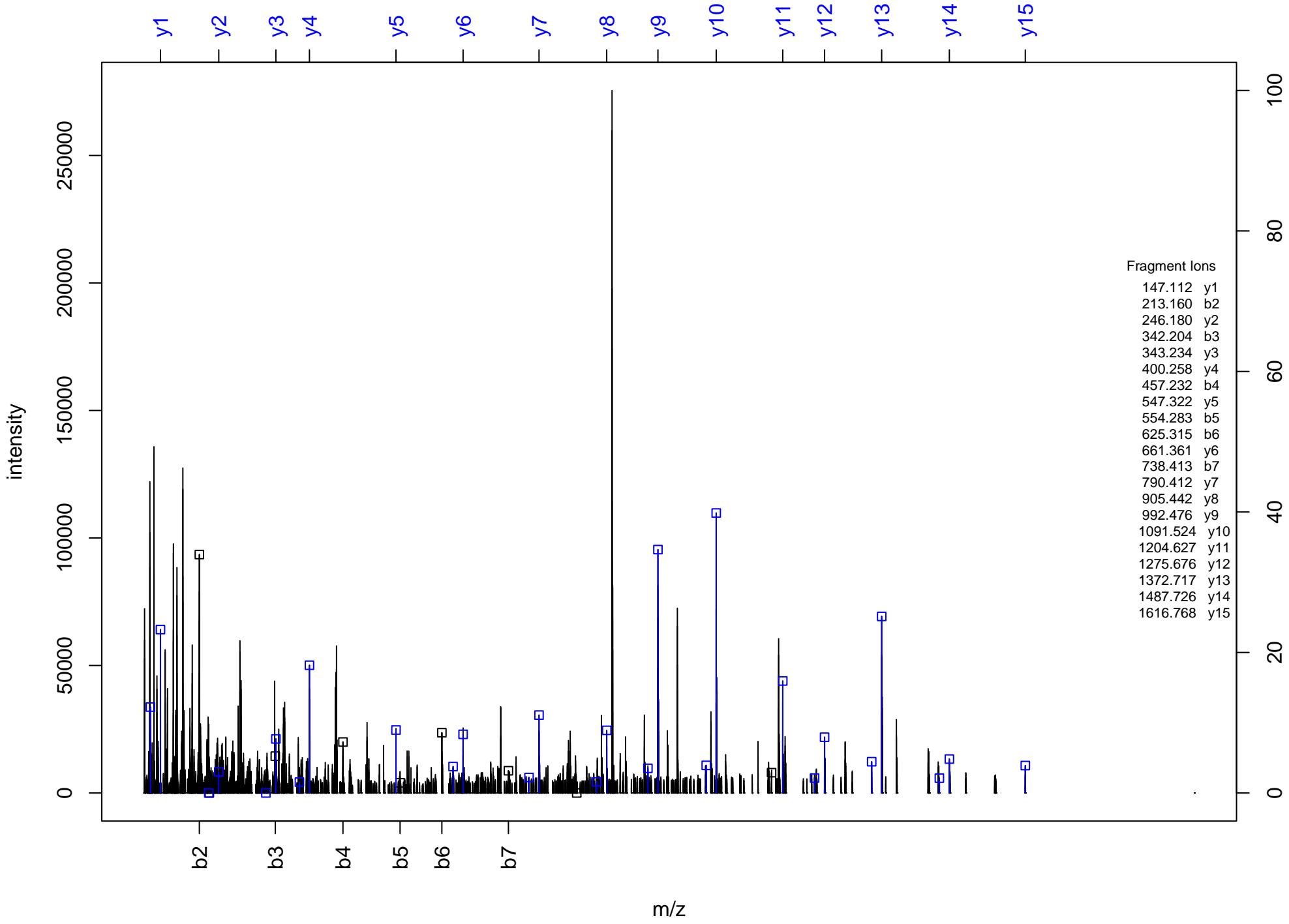
AQDLDDLENTVATLR



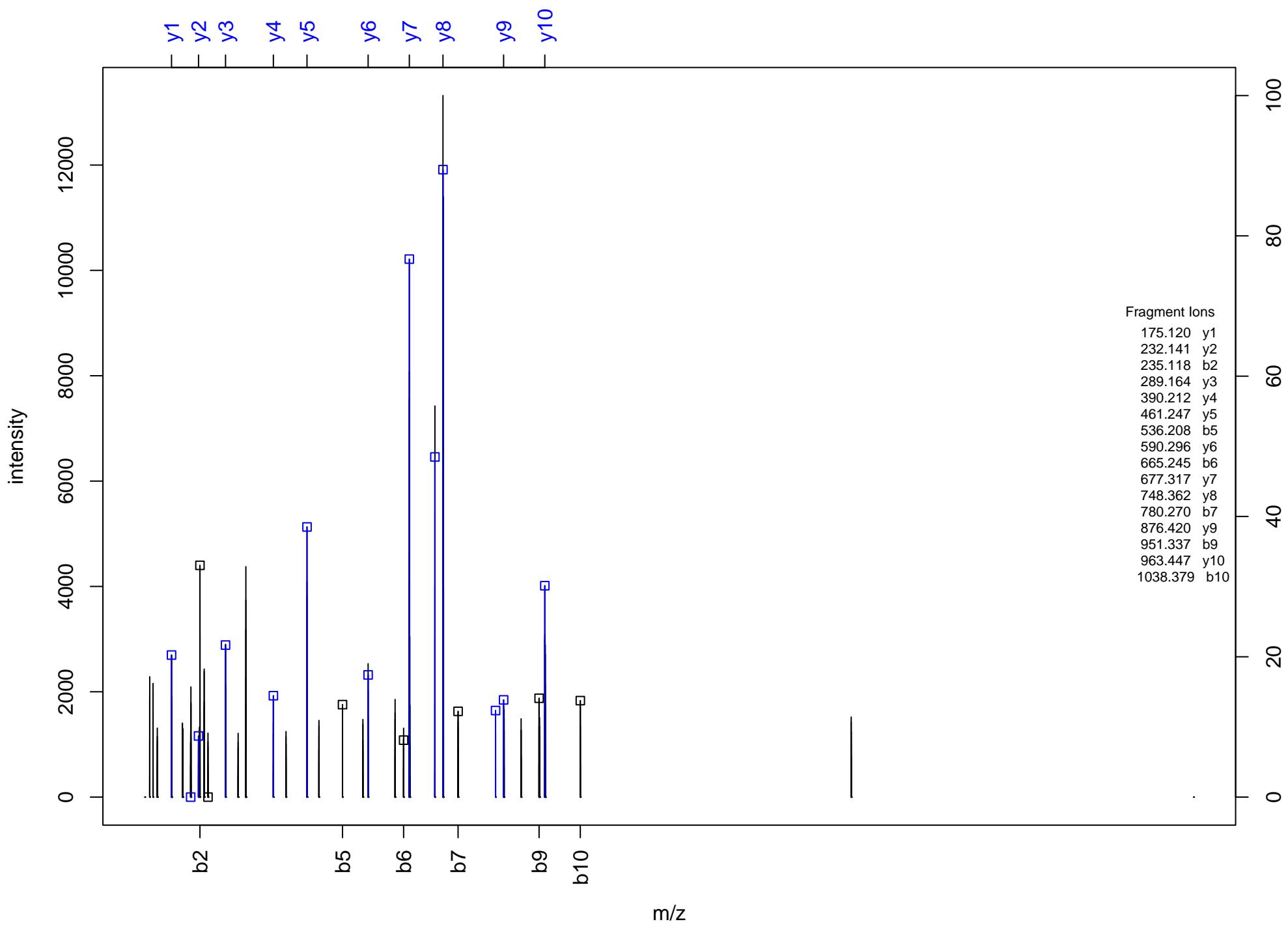
ASEPEAQGEVTACSDQK



VLEDPAIVSDENFGPVK

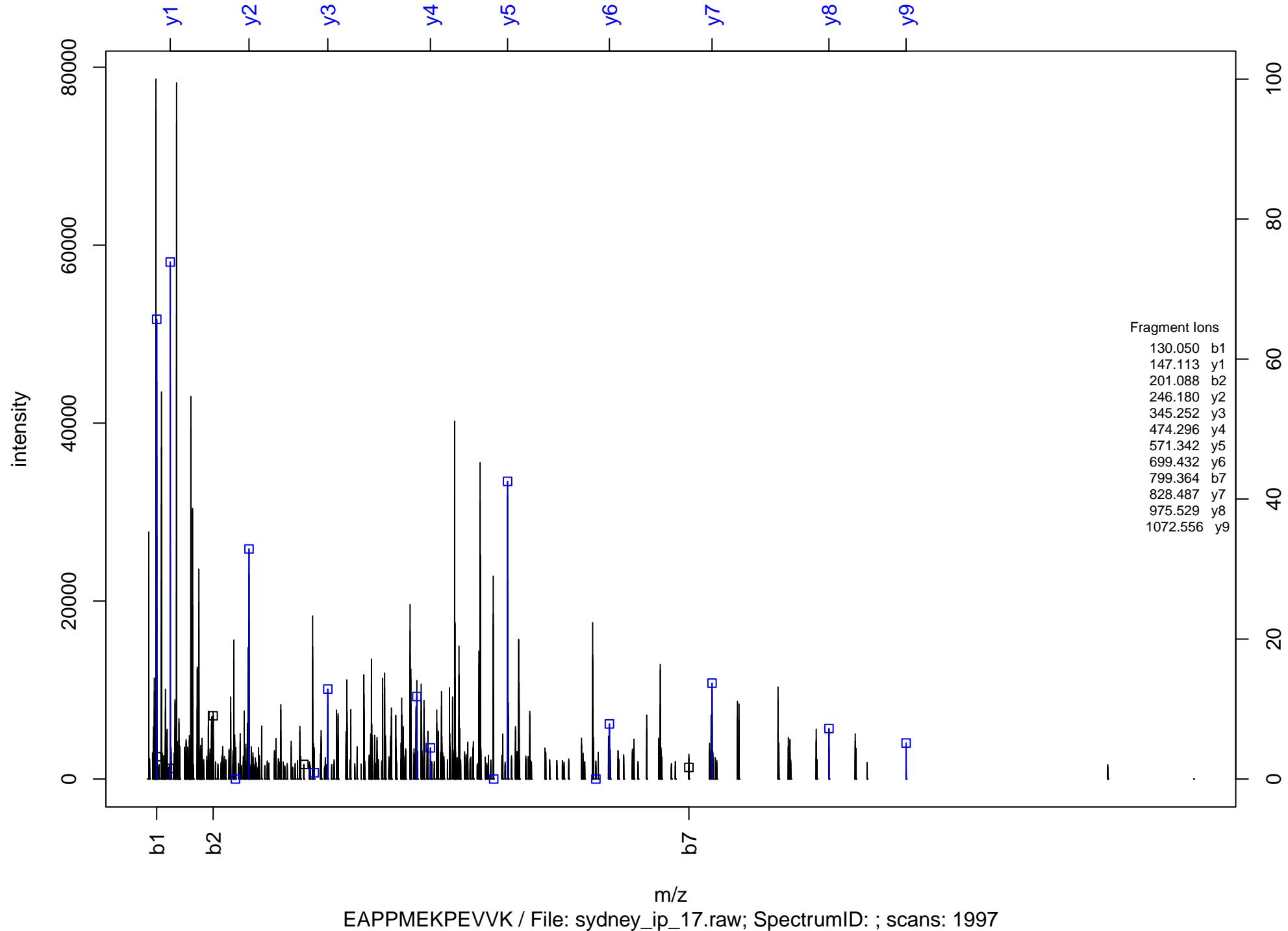


HPDGEEDGNSDQSQASEATGGR

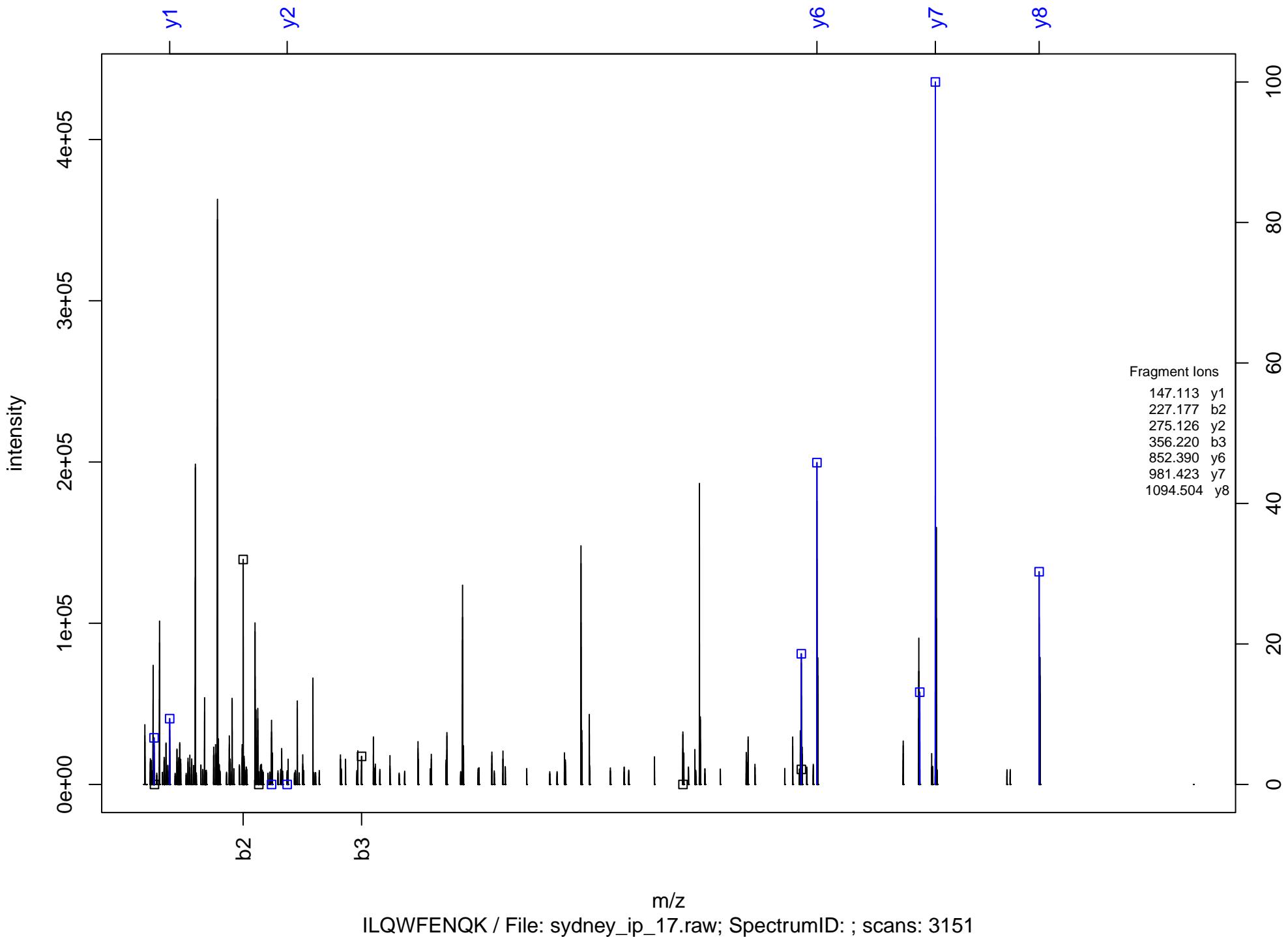


HPDGEEDGNSDQSQASEATGGR / File: sydney_ip_17.raw; SpectrumID: ; scans: 1032

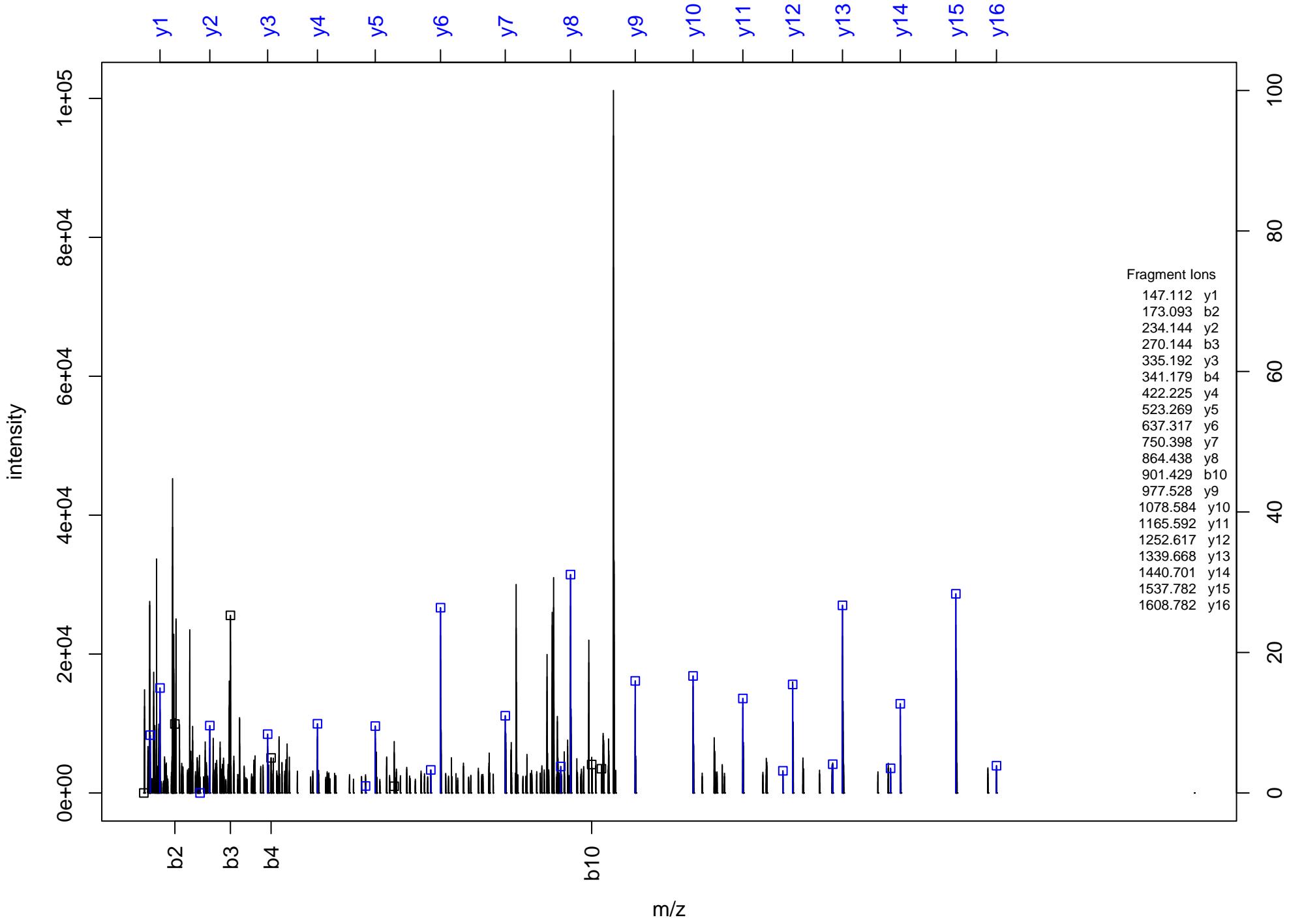
EAPPM*EKPEVVK



ILQ^{WFEN}QK

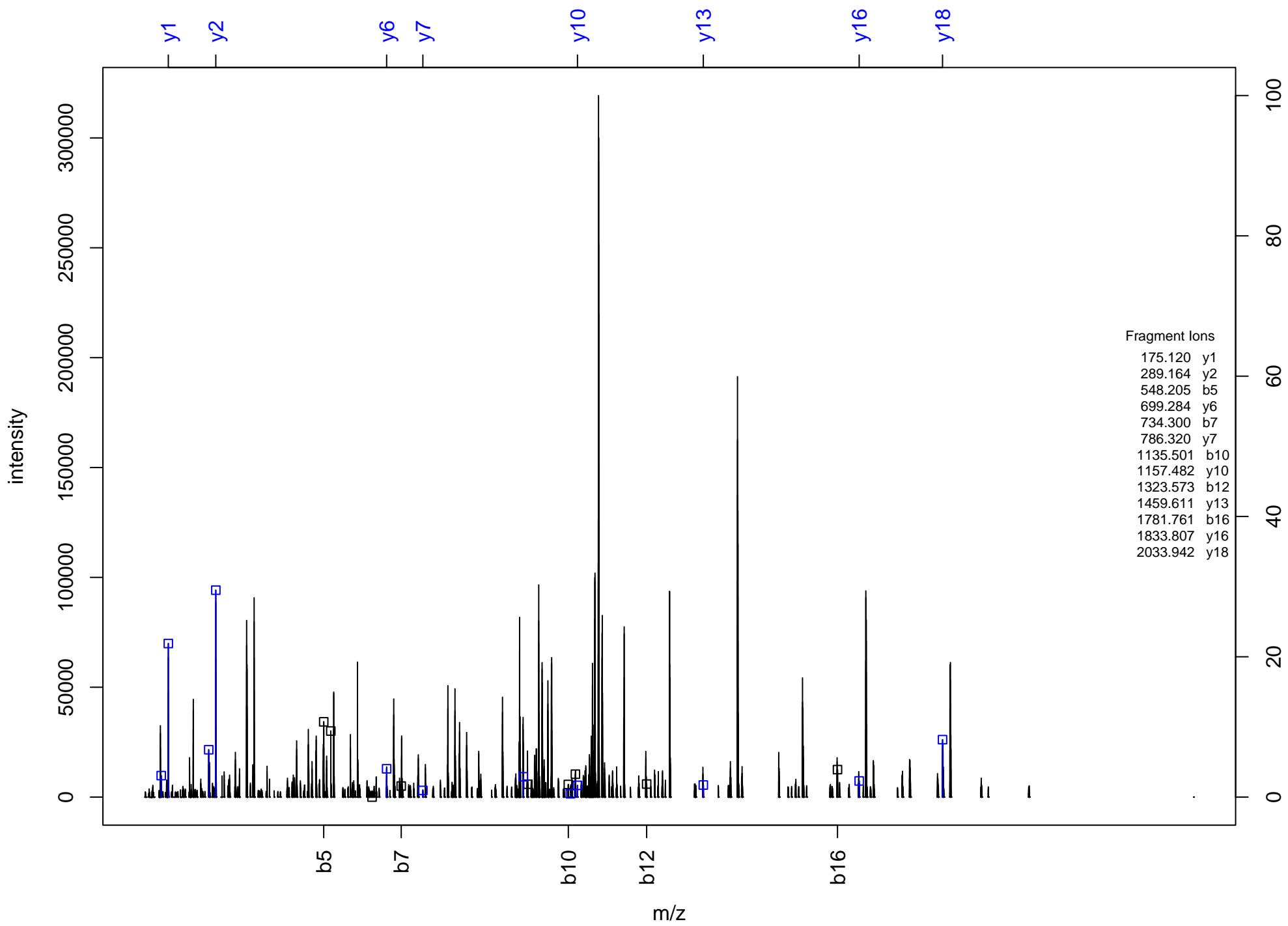


TAPAPTSSSTININTSTSK

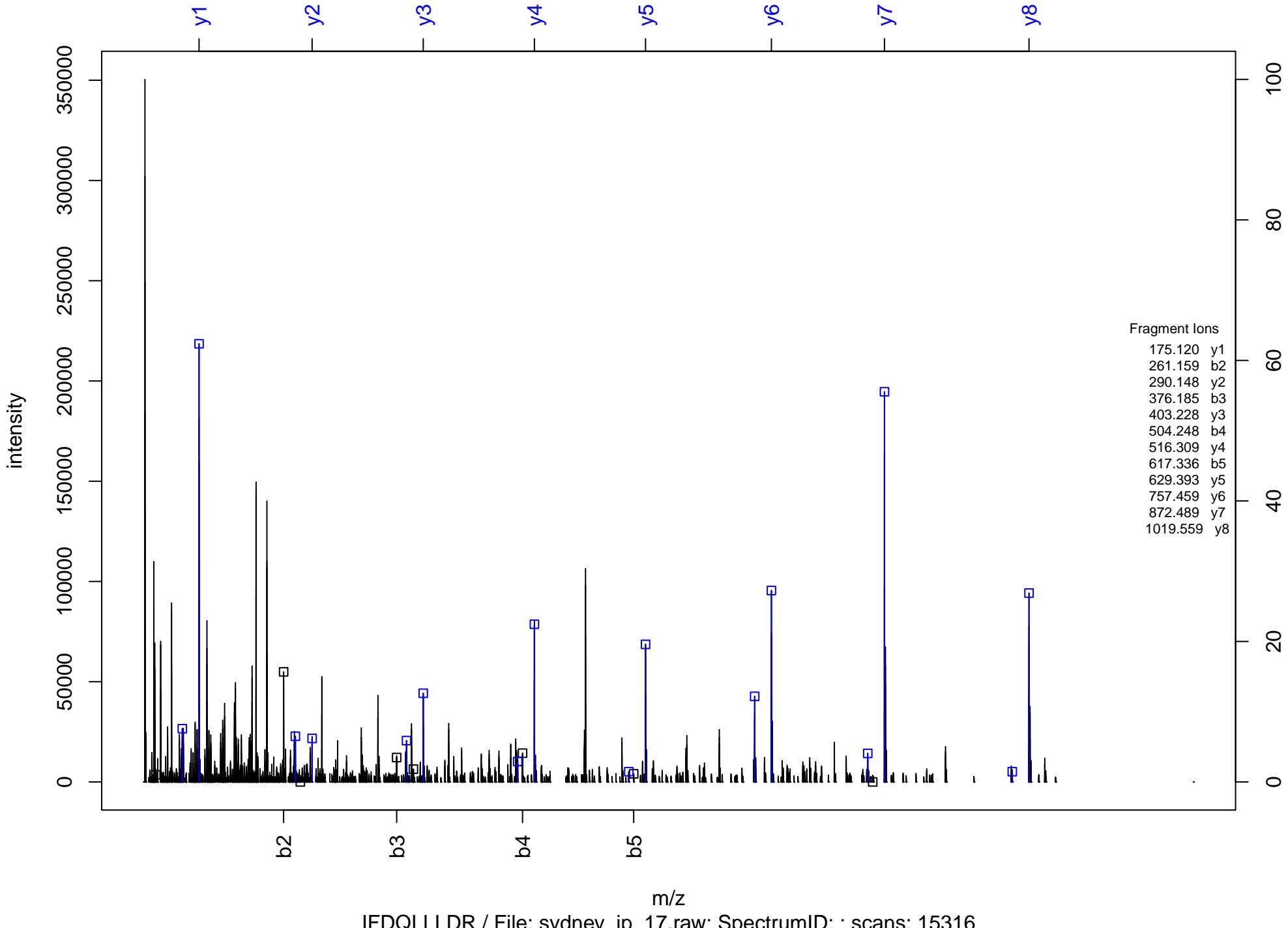


TAPAPTSSSTININTSTSK / File: sydney_ip_17.raw; SpectrumID: ; scans: 5260

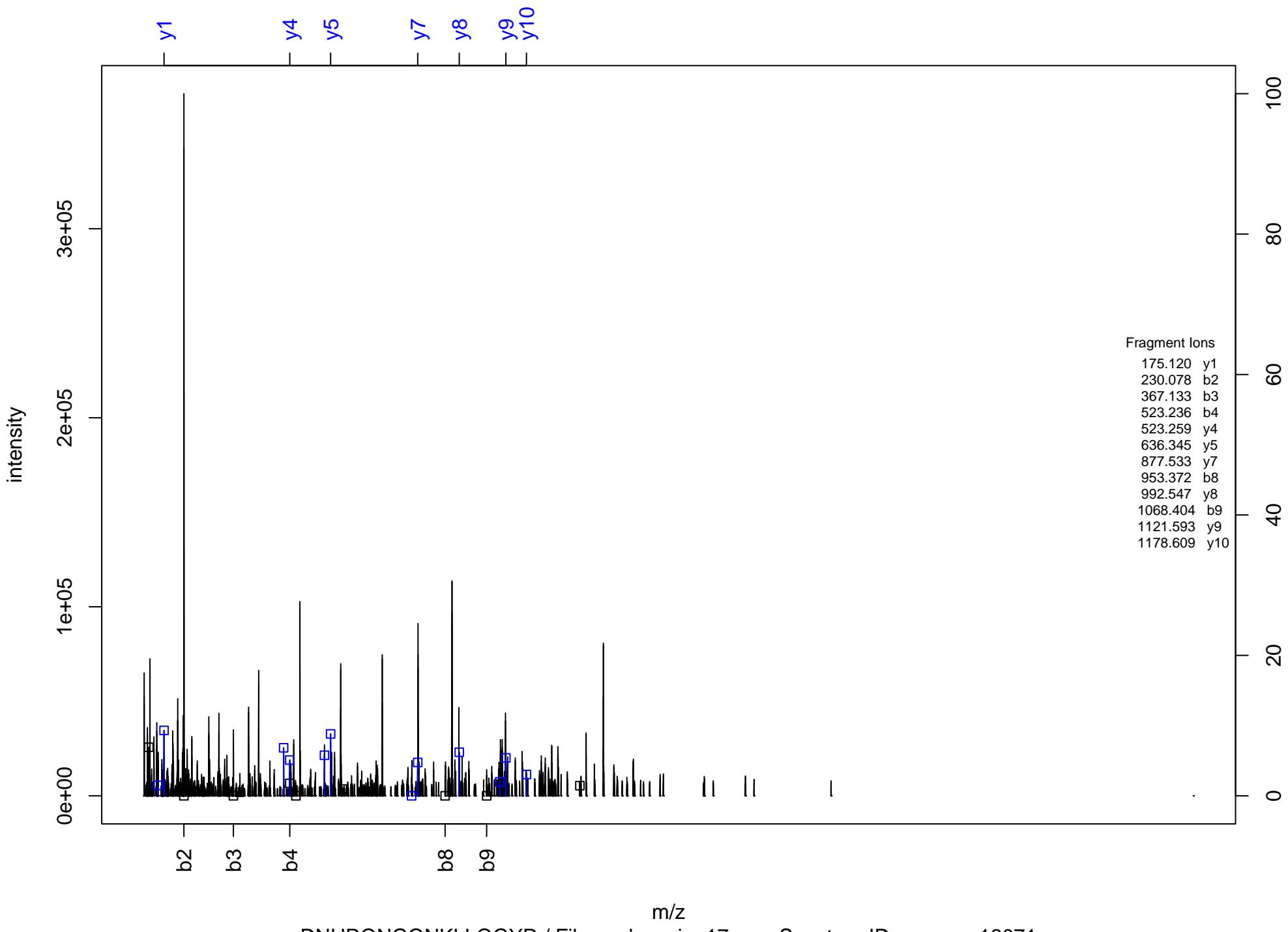
(Ac)M^{*}AQ⁺GTVSRMNTSLEQ⁺SGCYSNR



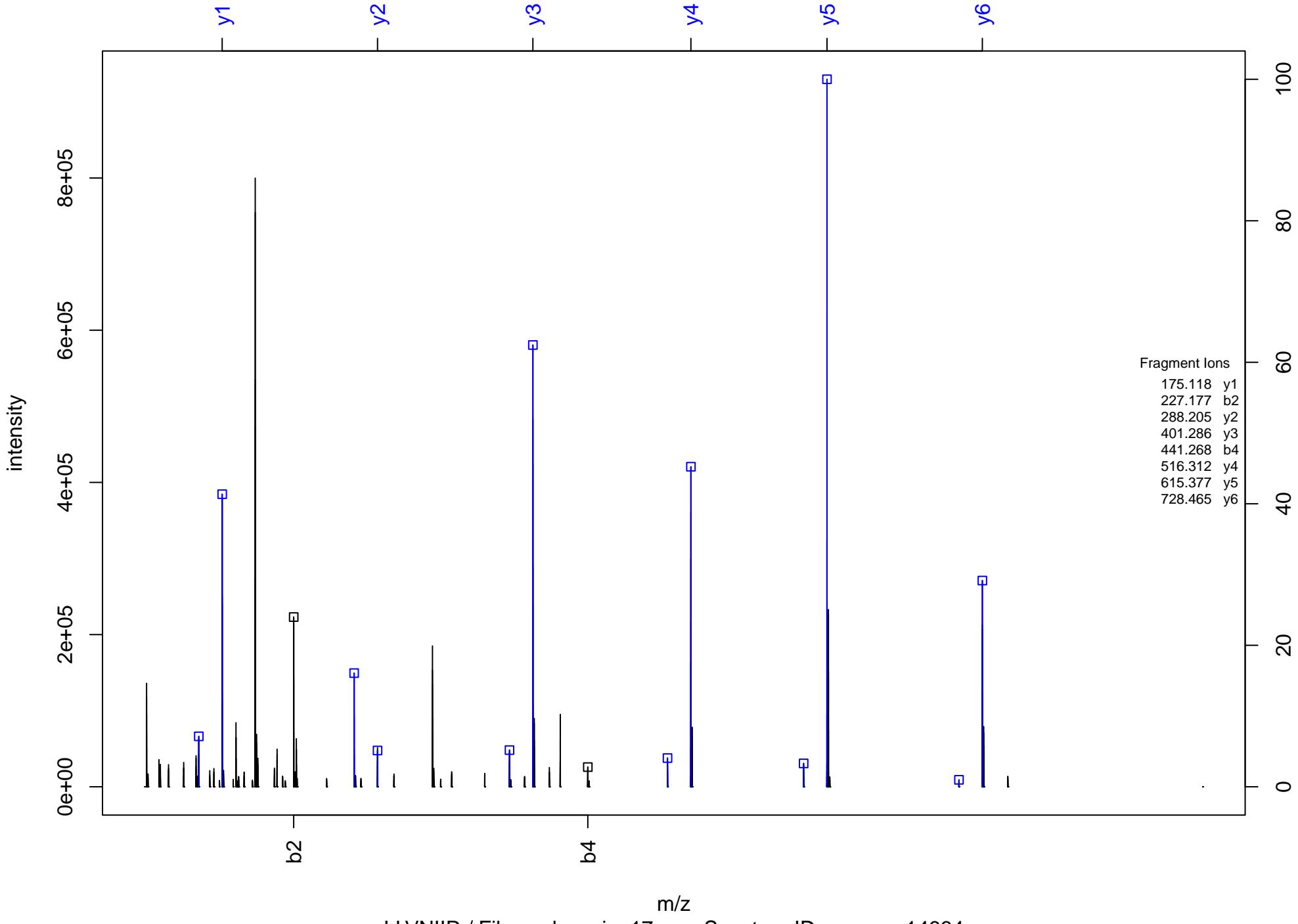
IFDQLLLDR



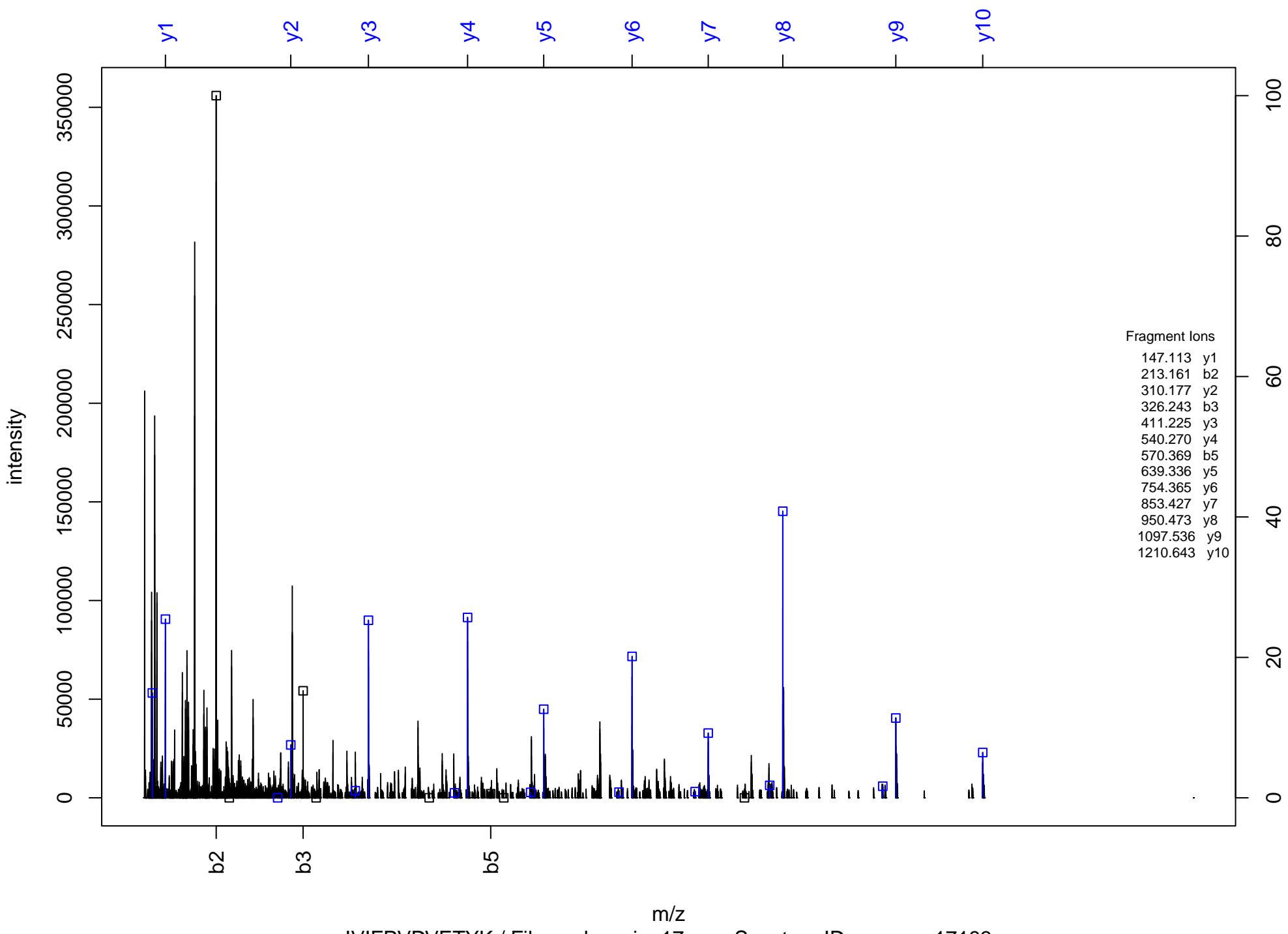
DNHRQ^N^GQ^N^KLLQGYR



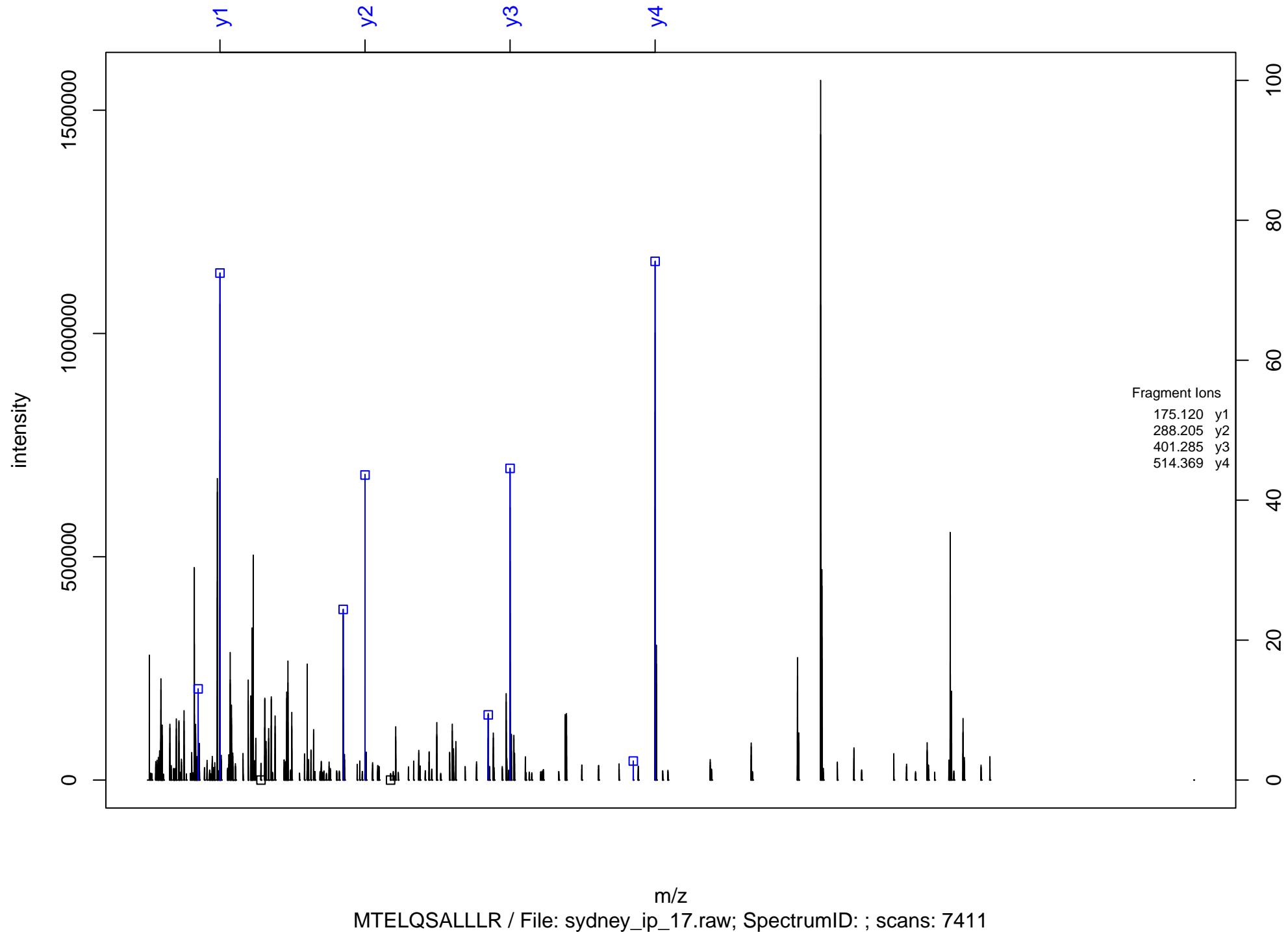
LLVN^AIIR



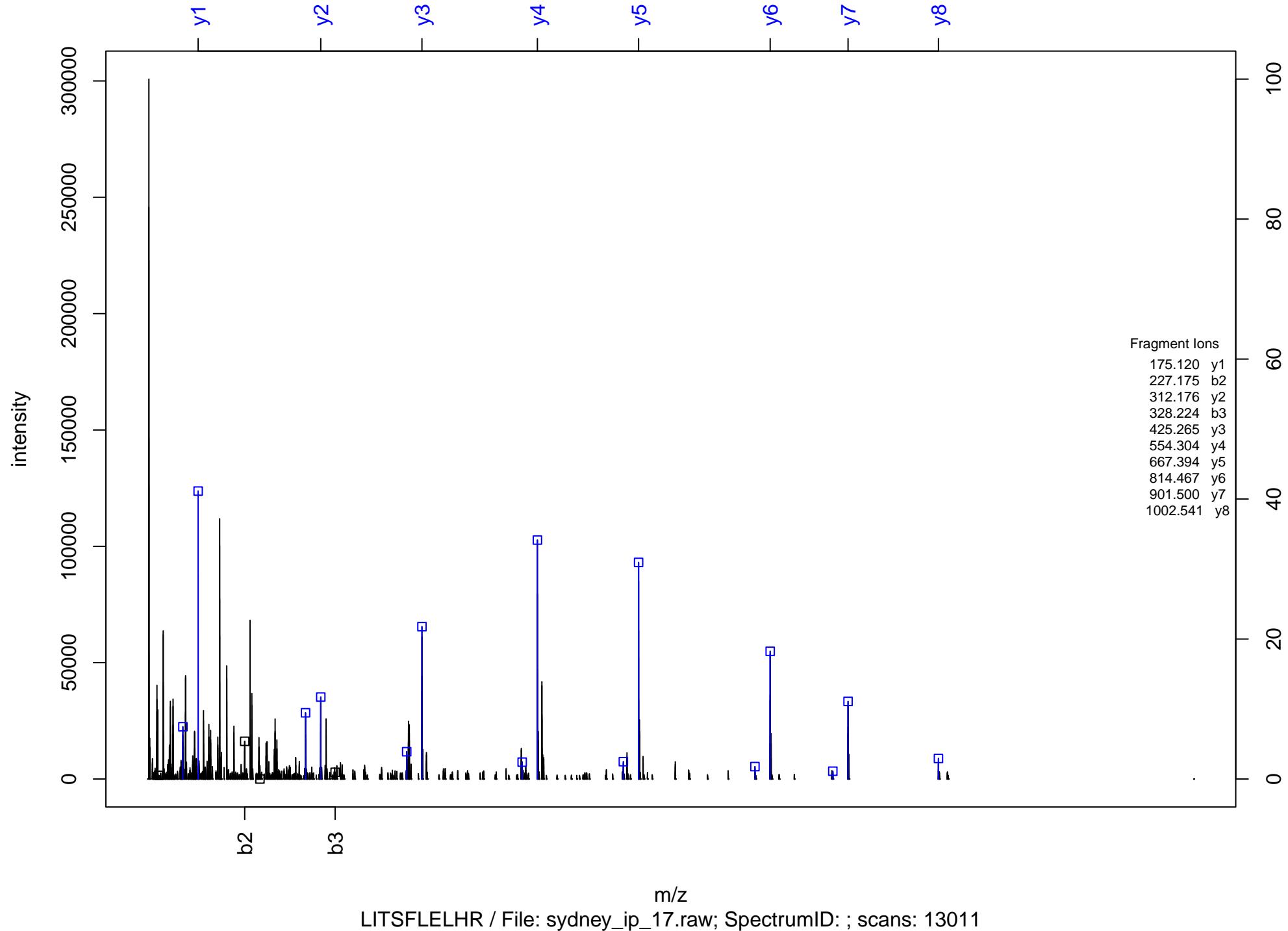
IVIFPV DVET YK



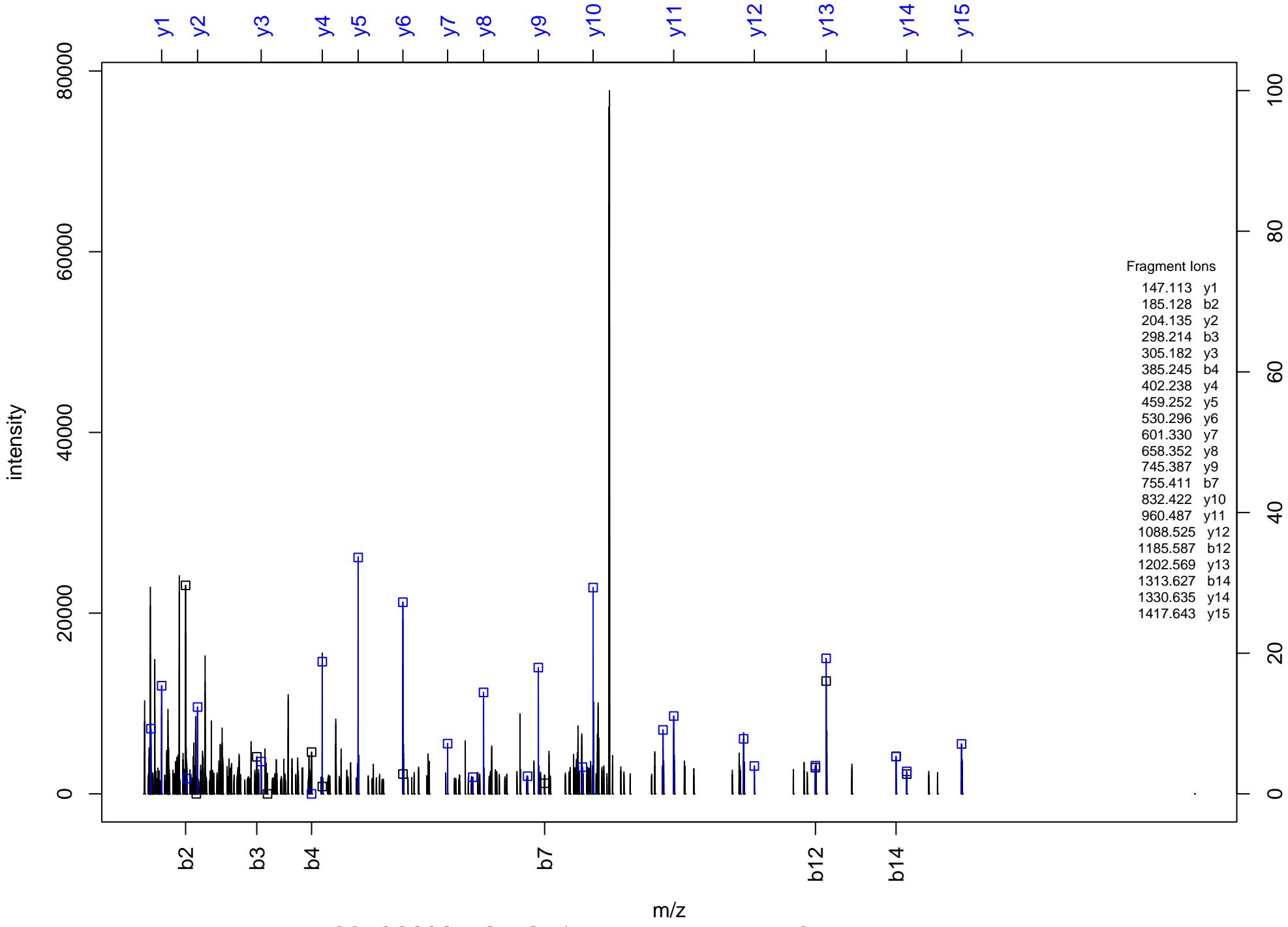
(Ac)M^{*}TELQ[^]SALLLR



LITSFLELHR

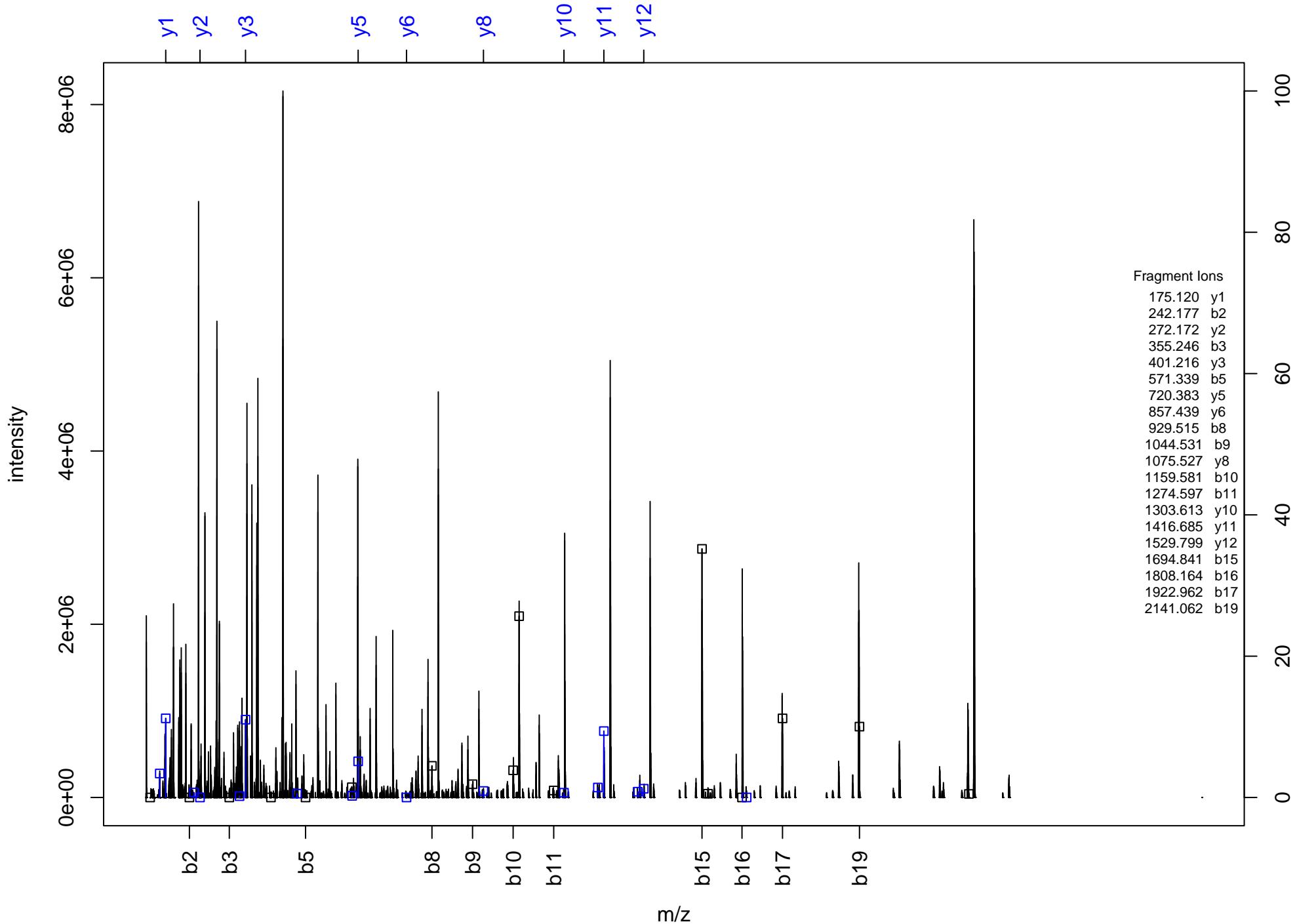


LALSQNQQSSGAAGPTGK

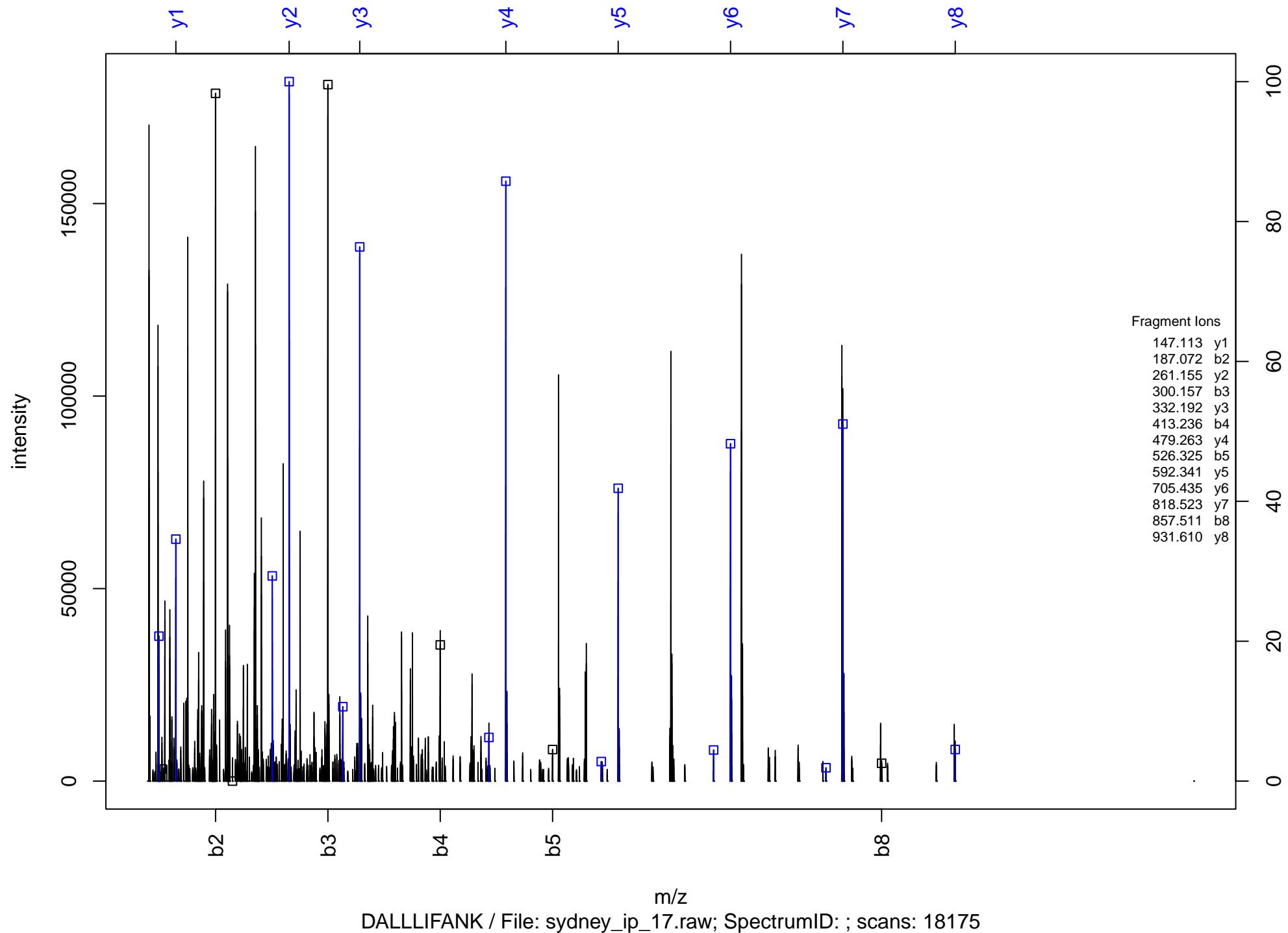


LALSQNQQSSGAAGPTGK / File: sydney_ip_17.raw; SpectrumID: ; scans: 3082

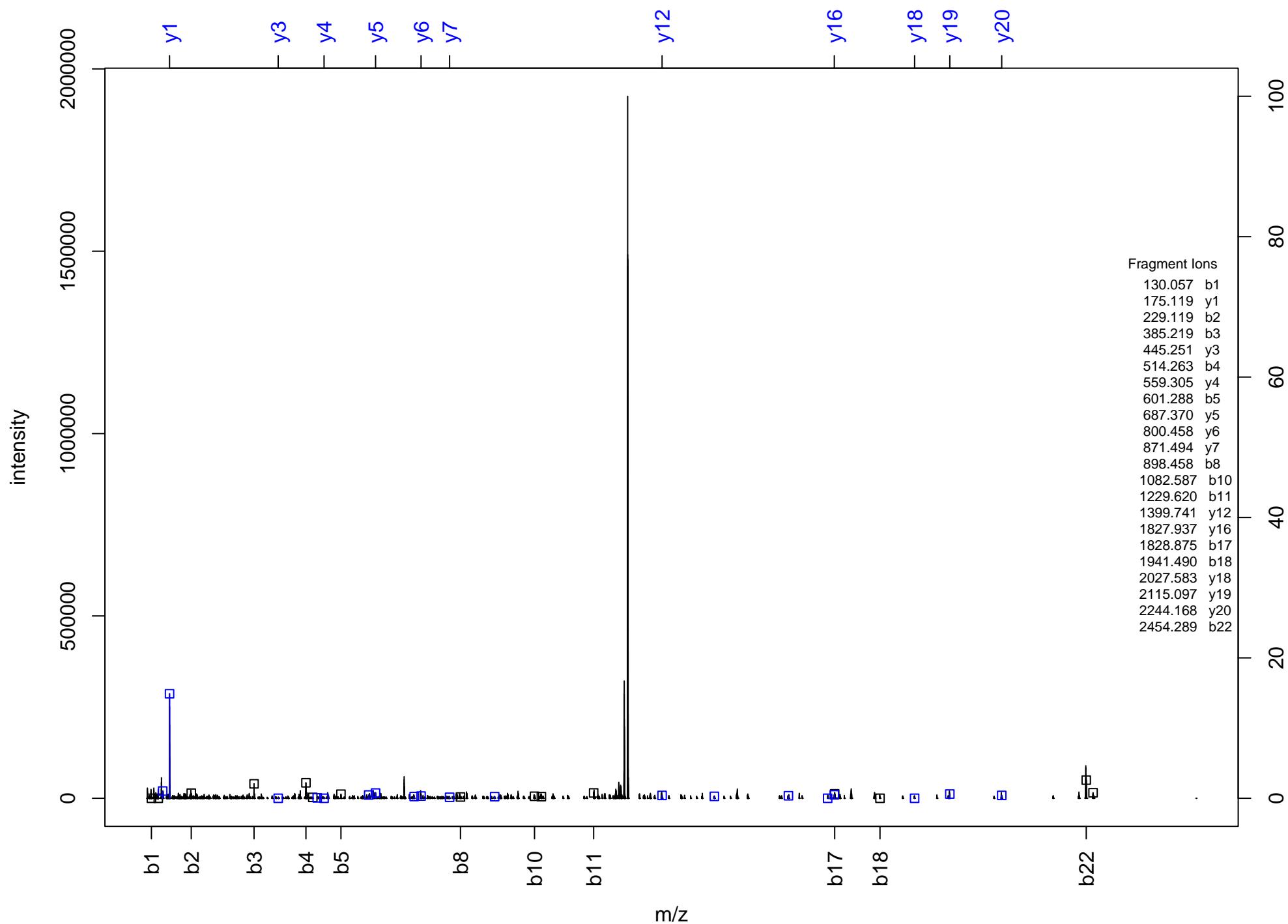
LKLTN^NLMDDN^GHIILN^SMHRYQ^PR



DALLIFANK

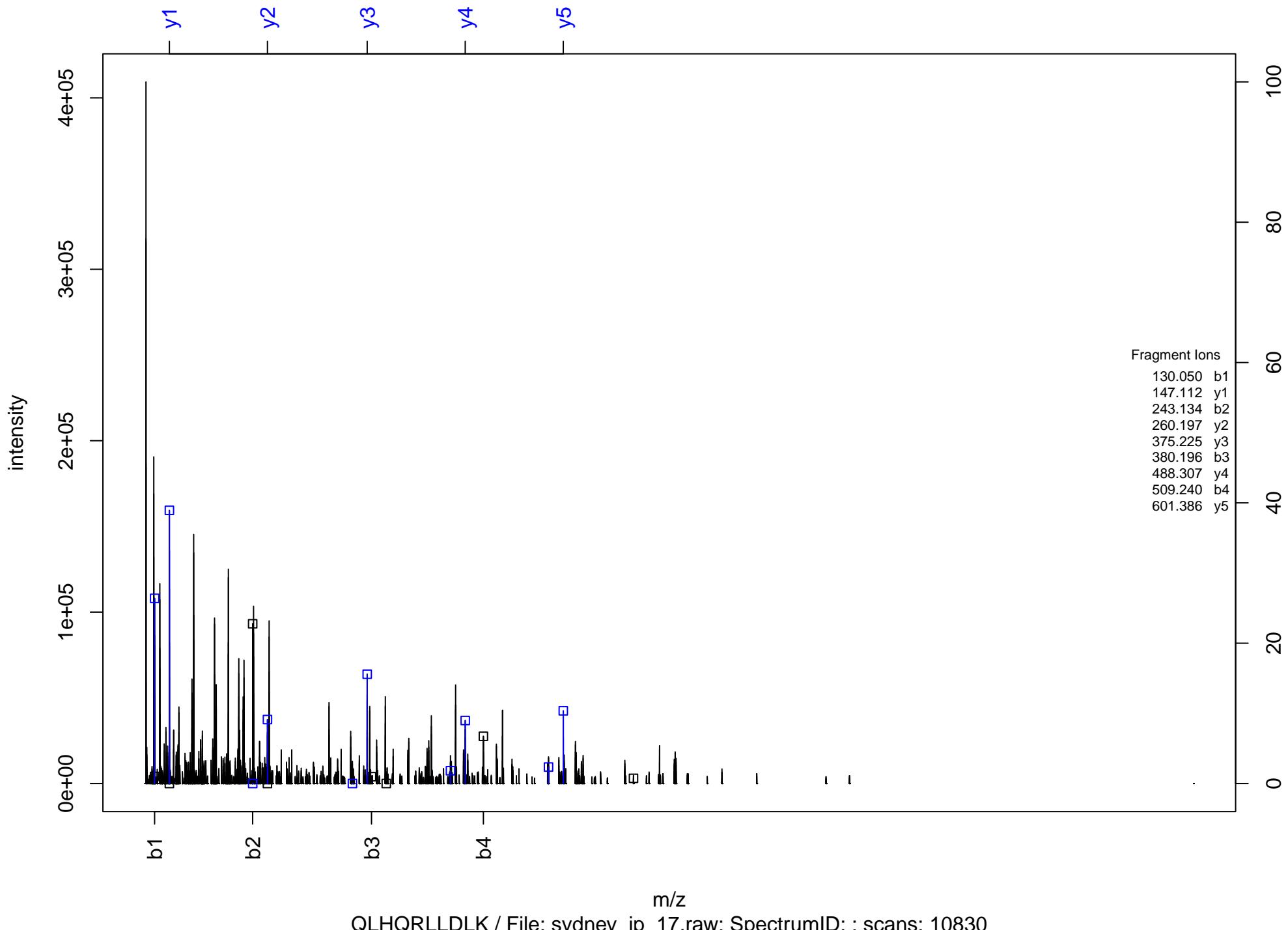


Q^VRESLSPAIM^AQVTEAIQNNRR

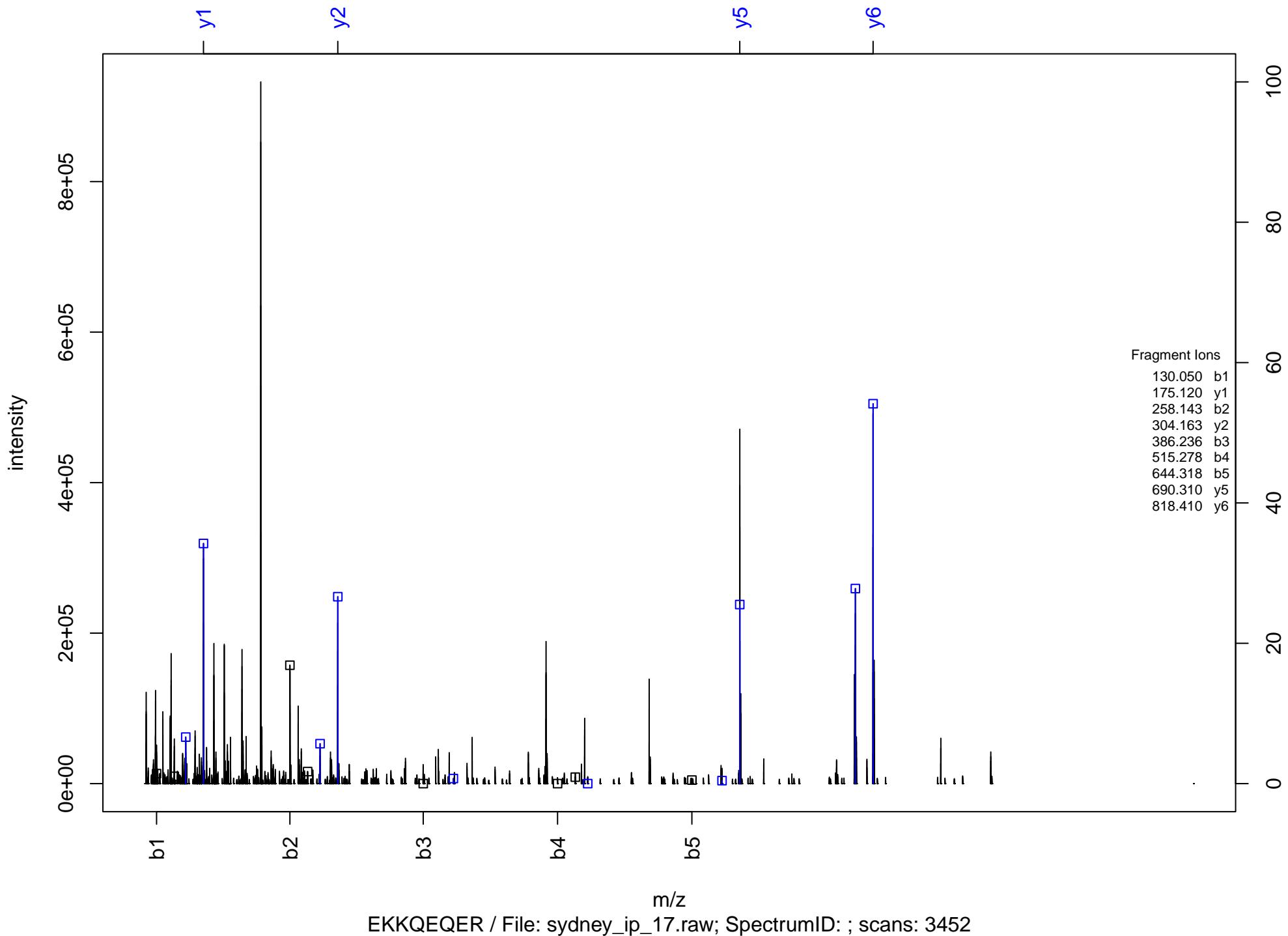


QVRESLSPAIMAQVTEAIQNNRR / File: sydney_ip_17.raw; SpectrumID: ; scans: 17673

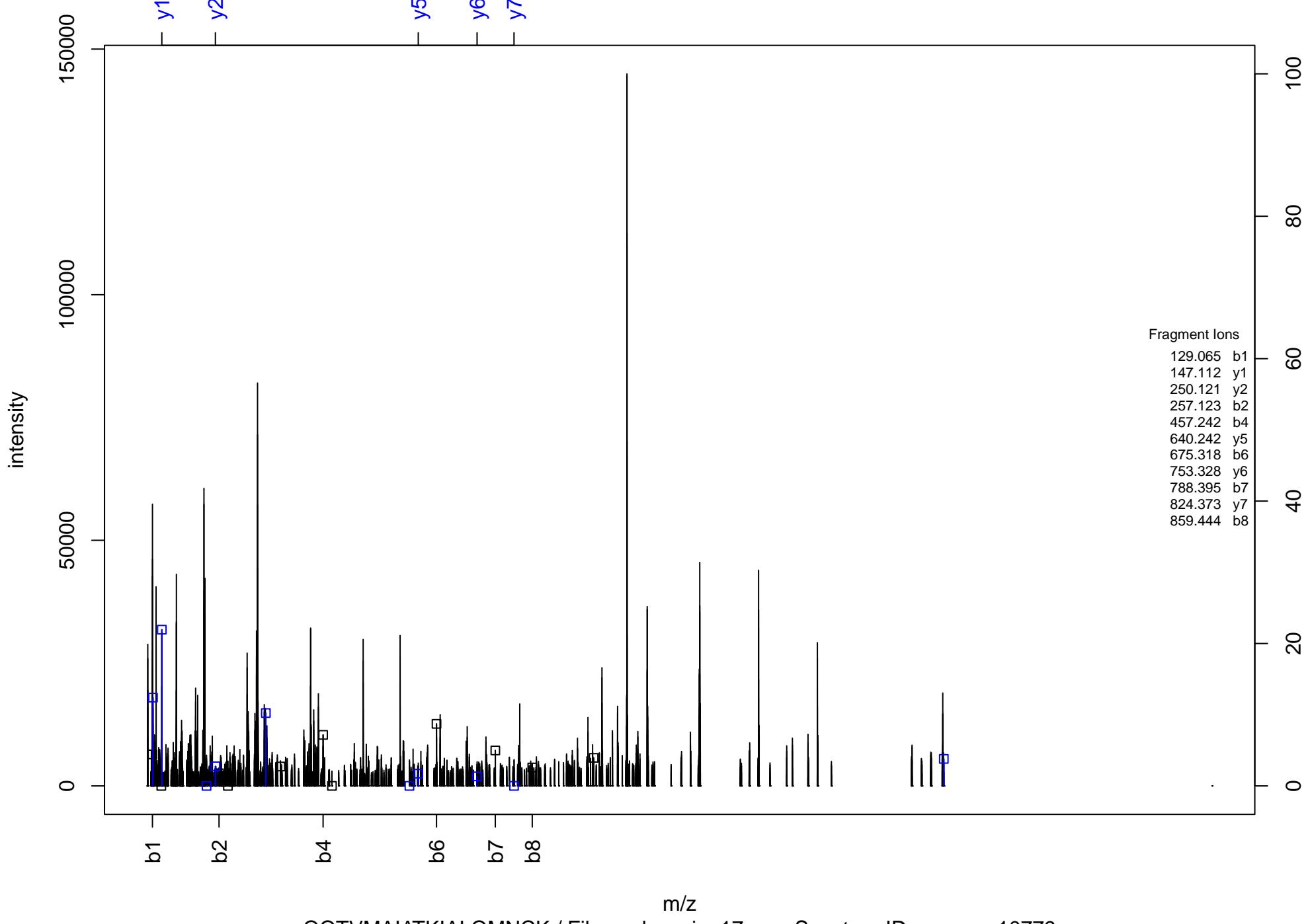
Q^LHQ^RLLDLK



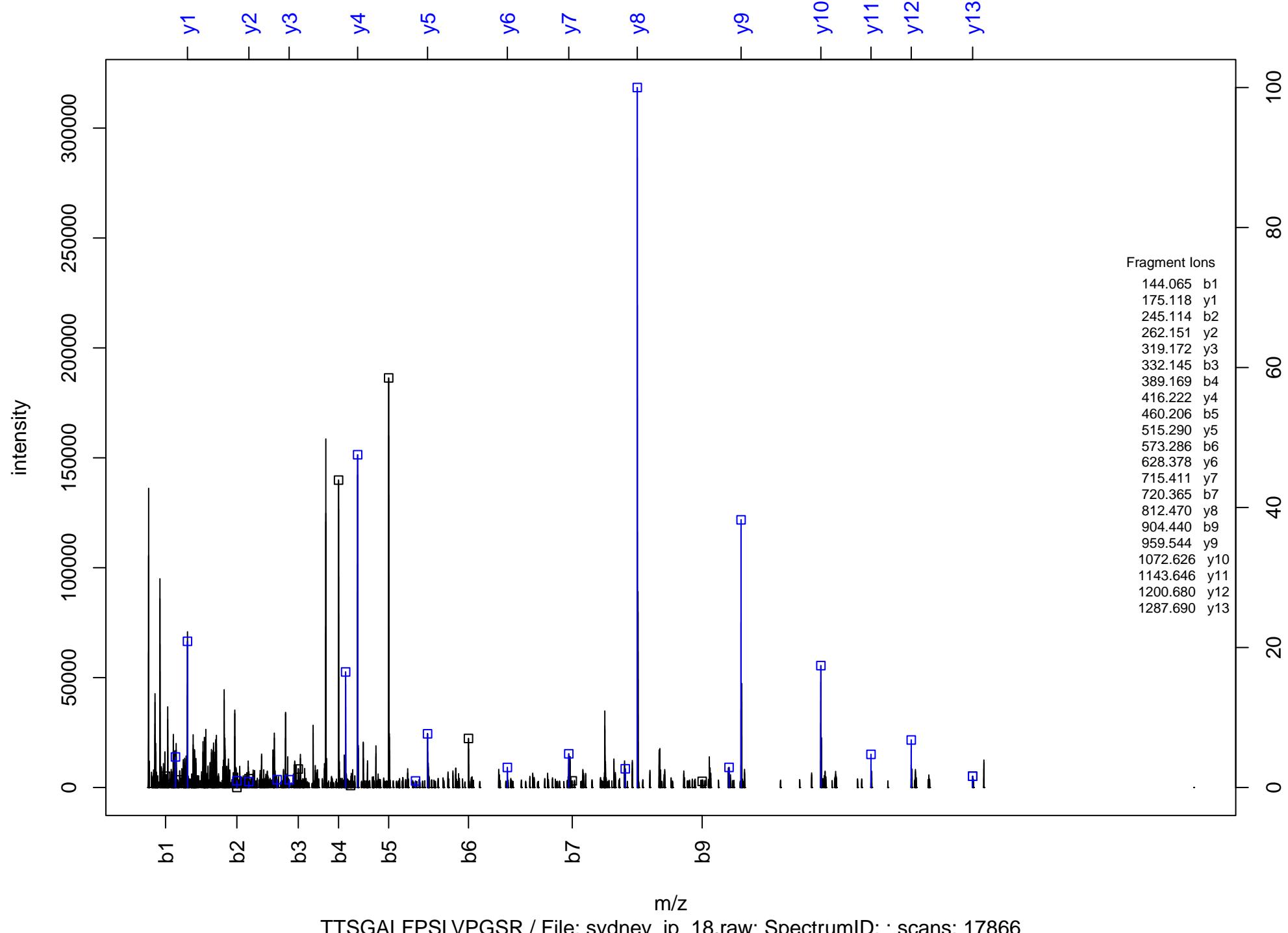
EKKQ⁺EQER



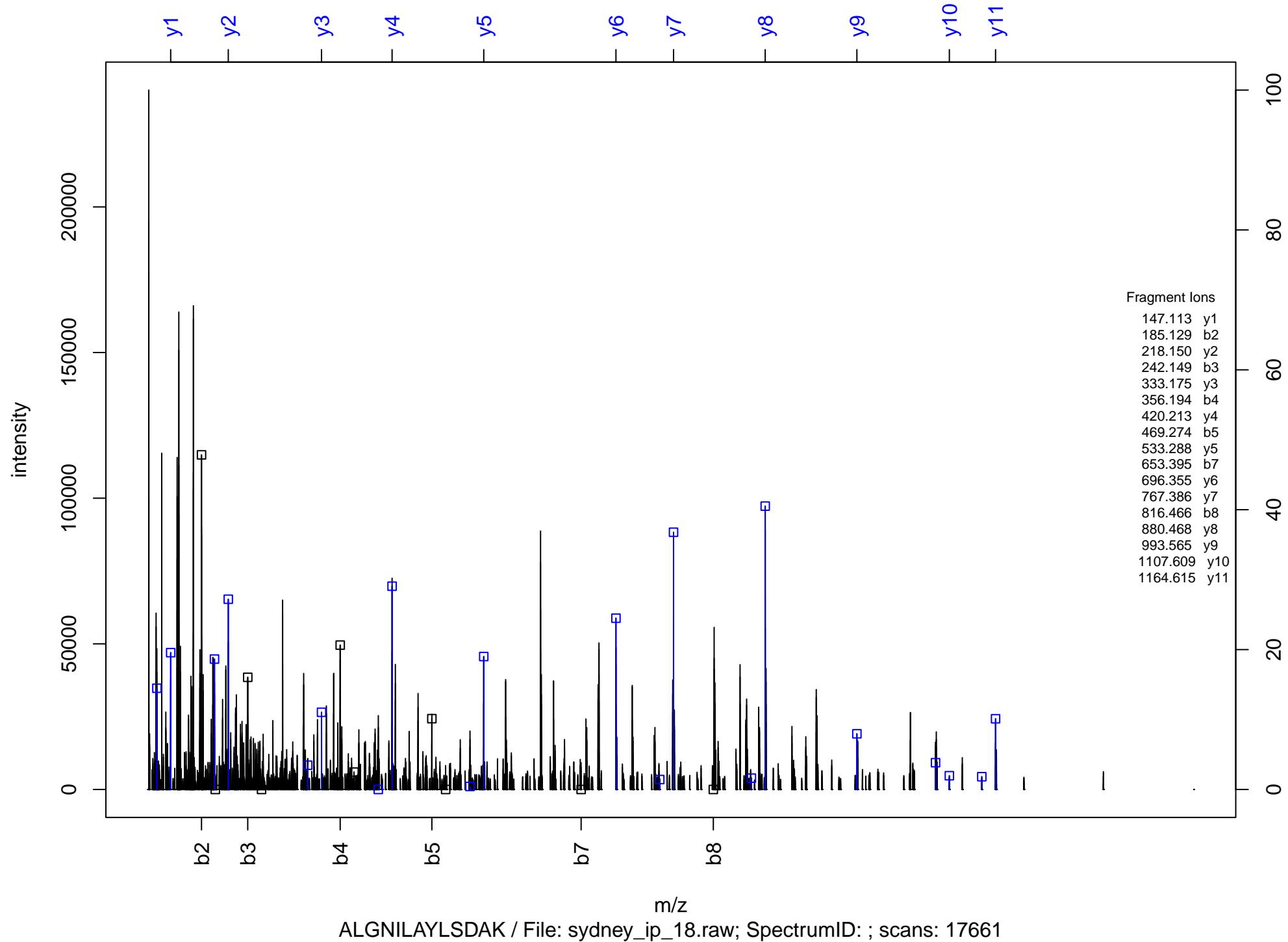
QQTVM^{*}AIATKIALQ^{^M}NCK



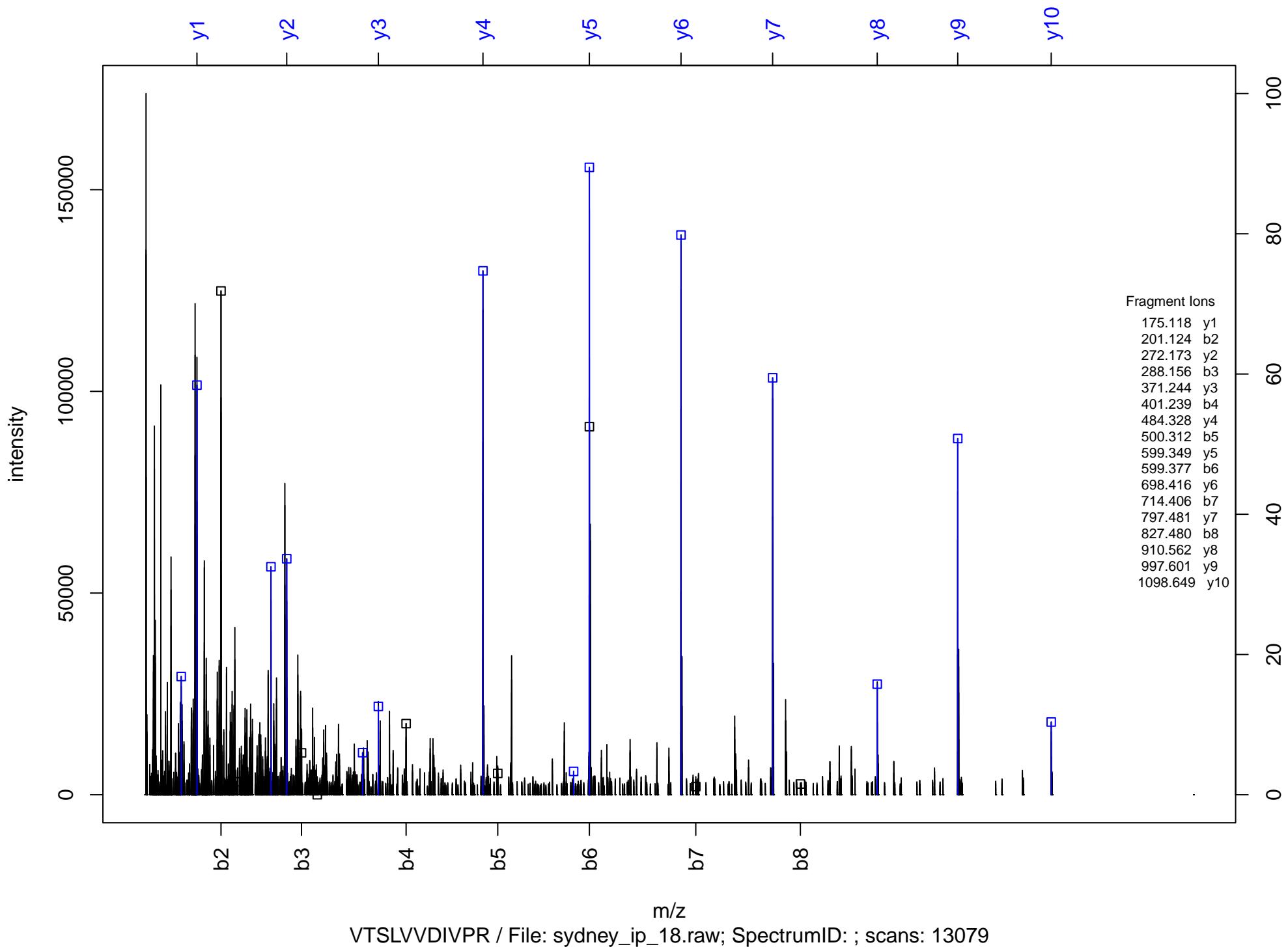
(Ac)TTSGALFPSLVPGSR



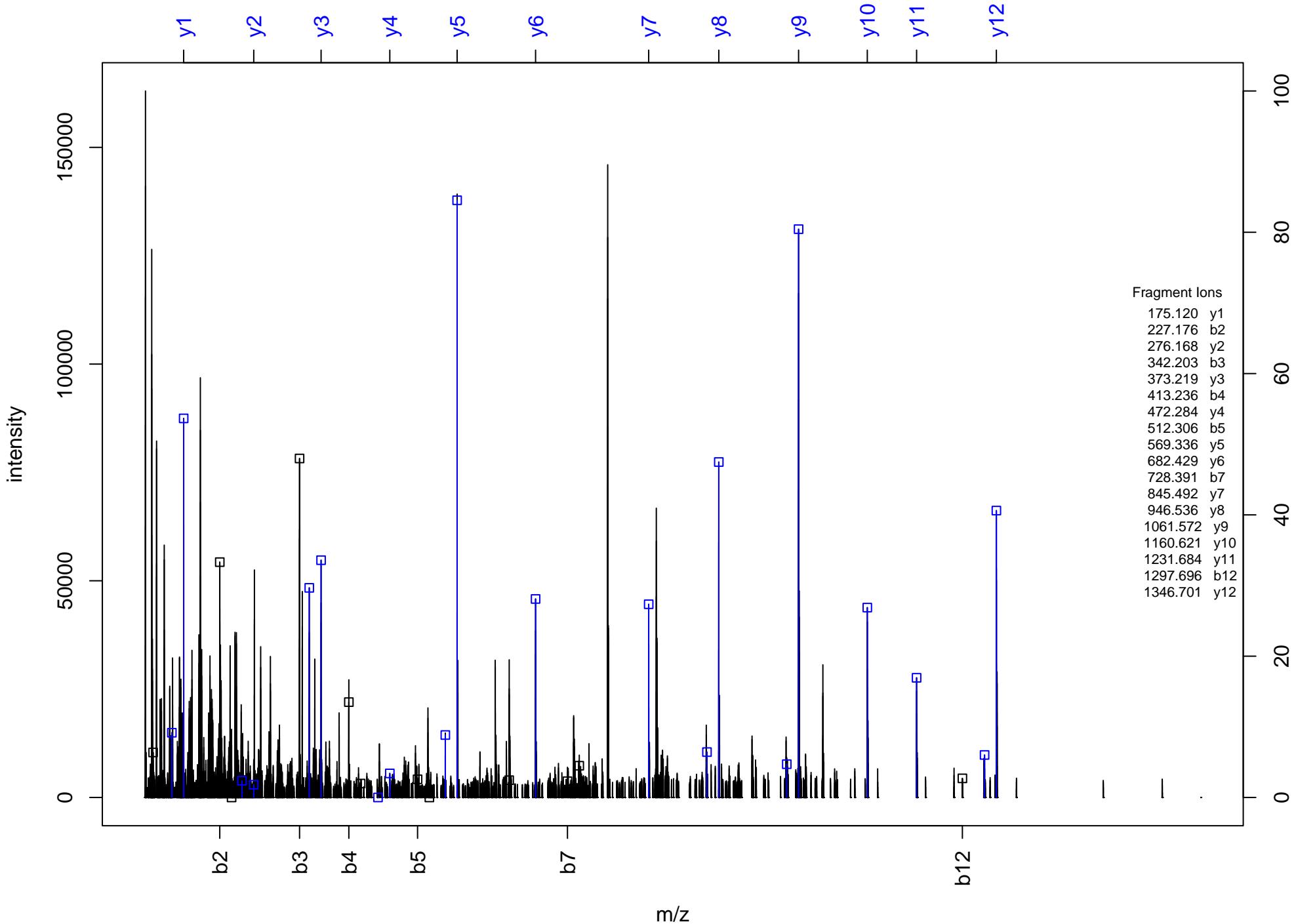
ALGNILAYLSDAK



VTSLVVDIVPR

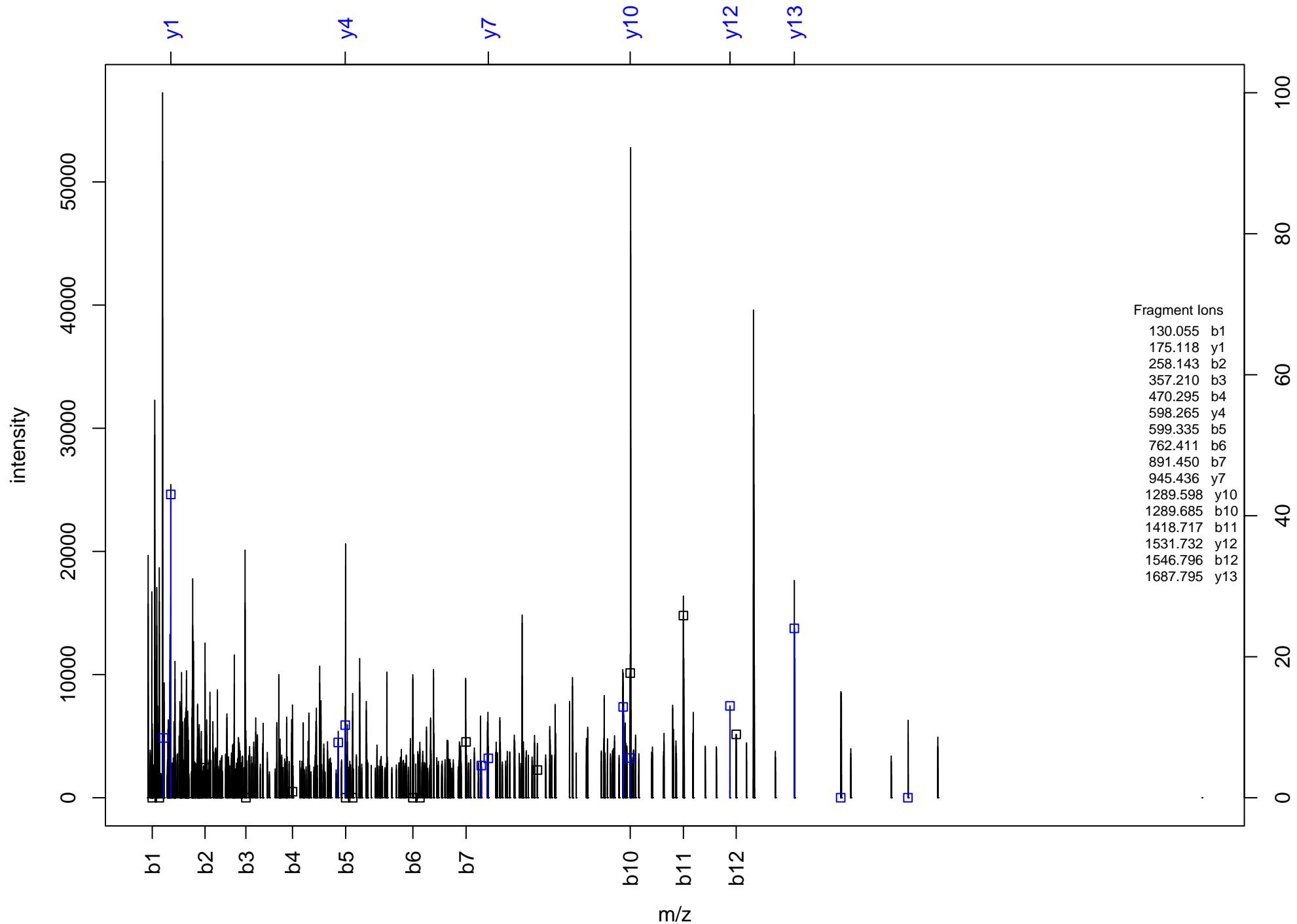


LLDAVDTYIPV PTR

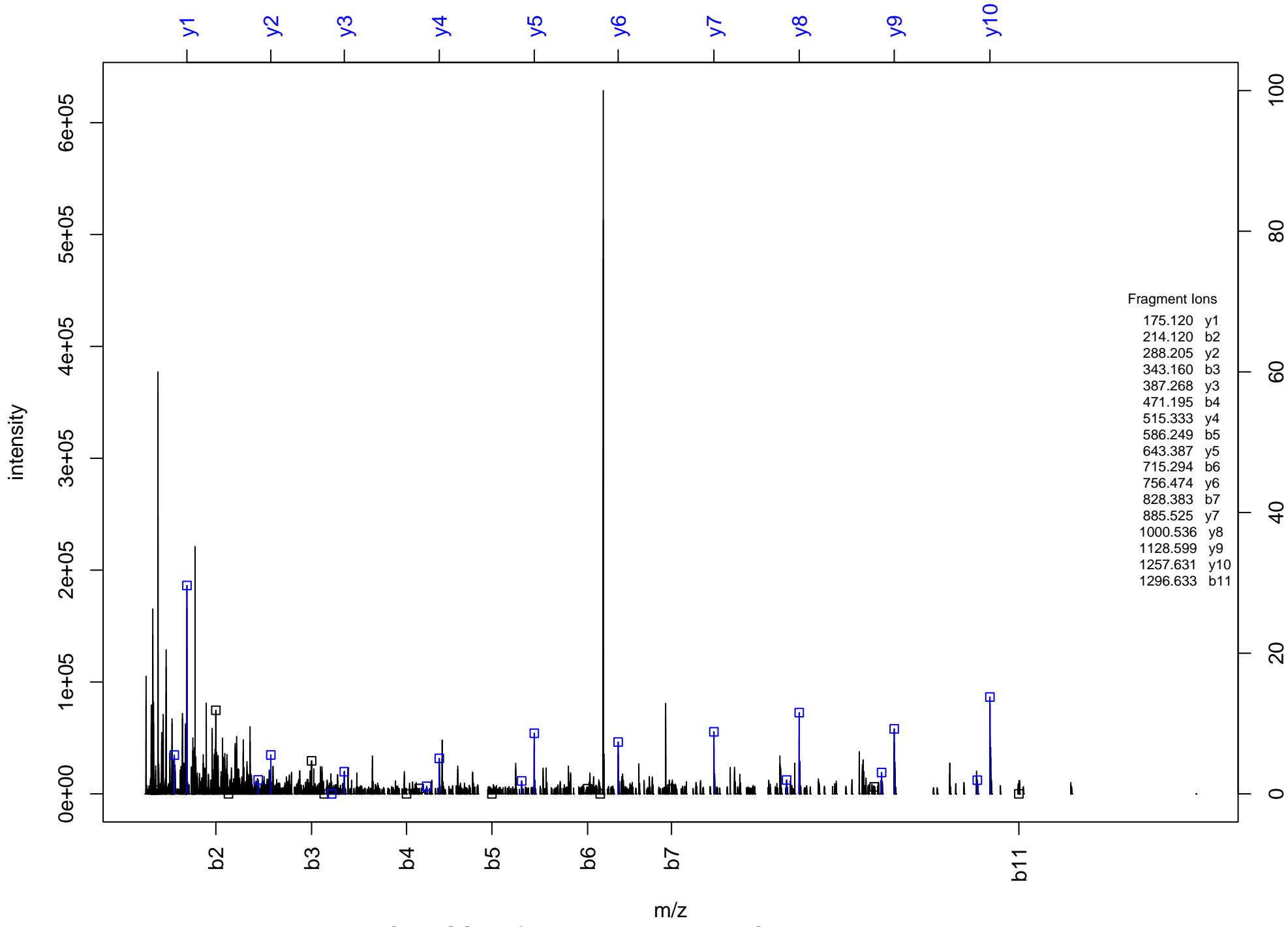


LLDAVDTYIPV PTR / File: sydney_ip_18.raw; SpectrumID: ; scans: 14825

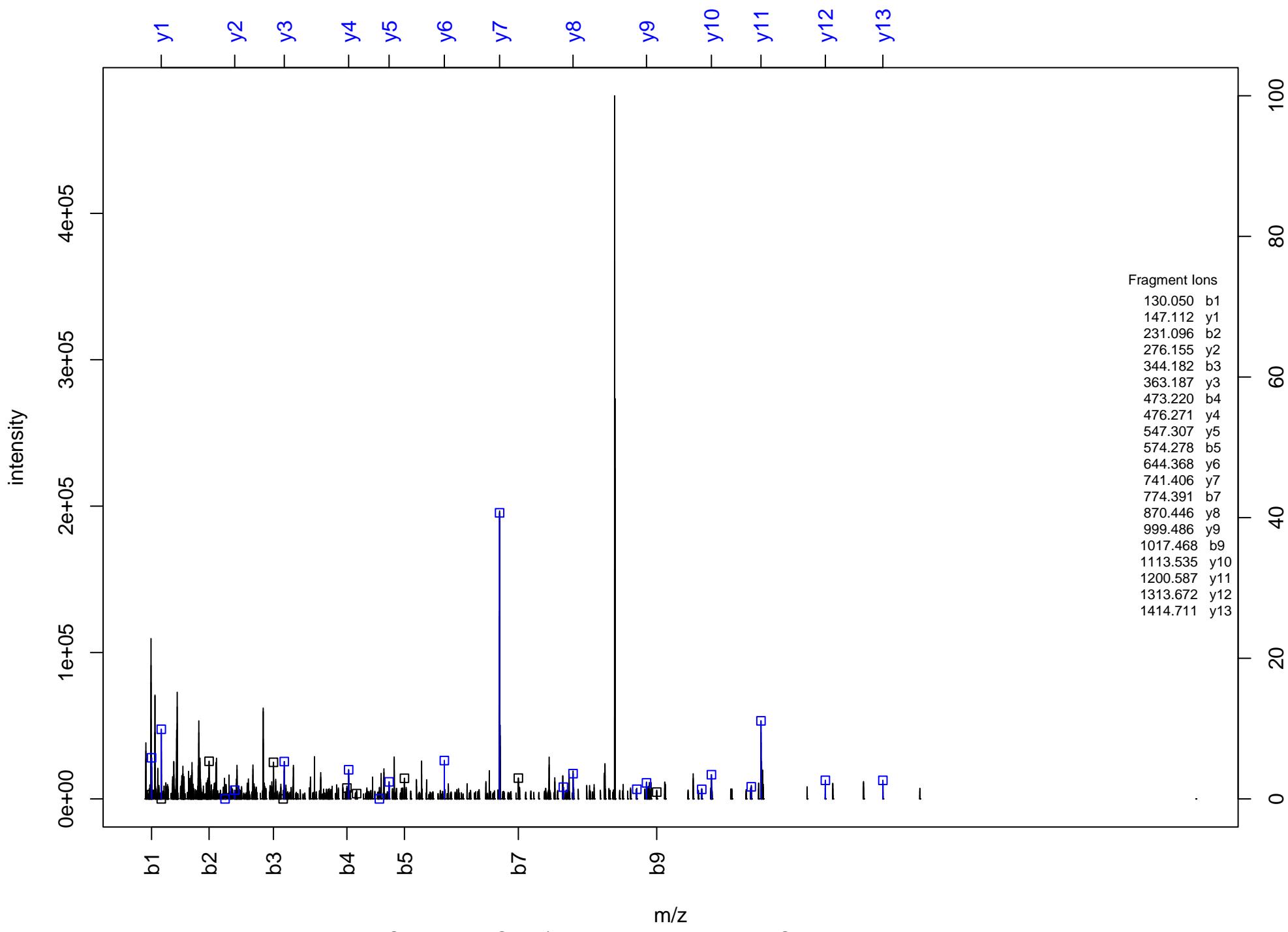
EKVIQ^YQ^RQ^LQ^QSYLAMYQ^R



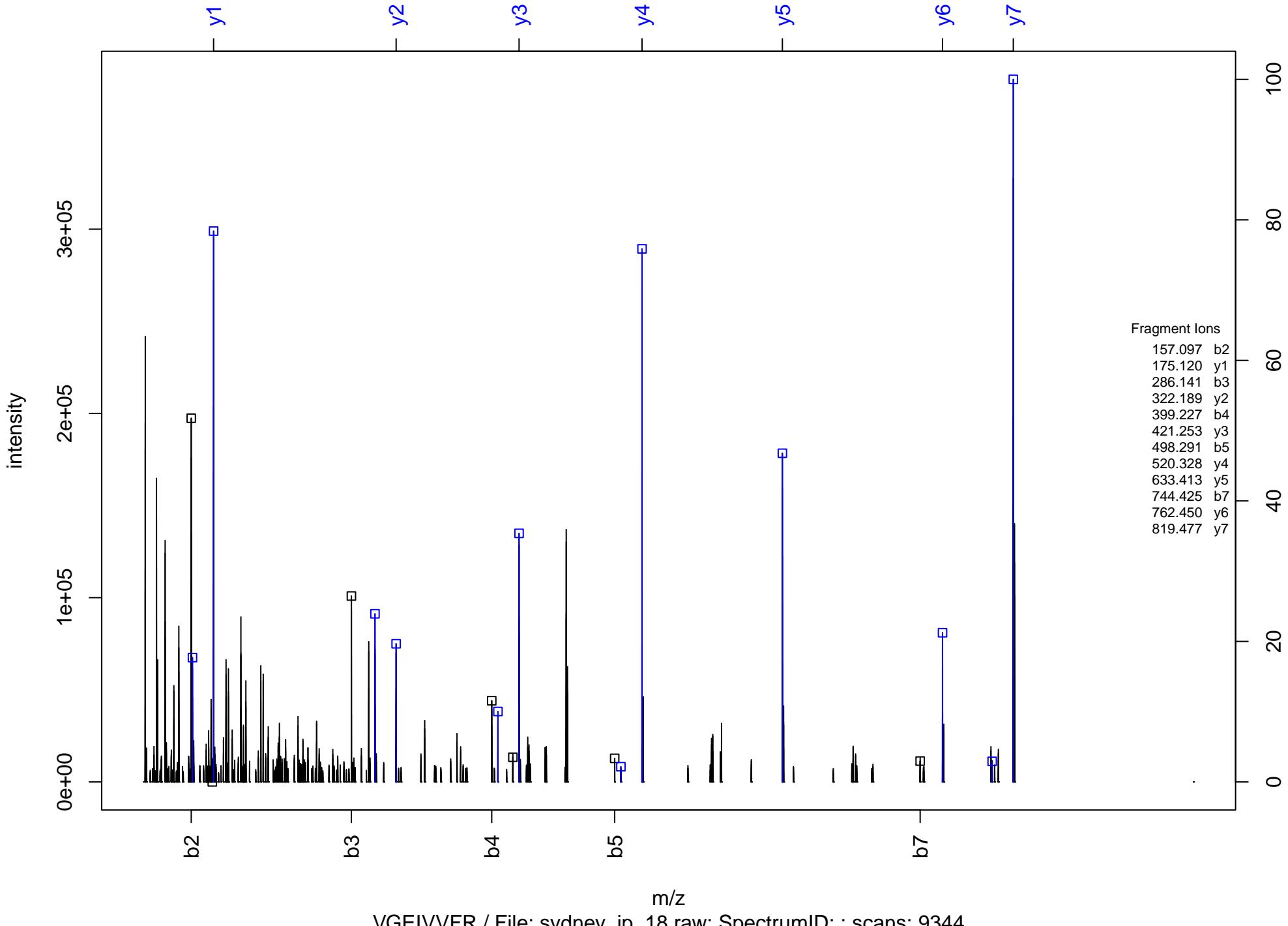
NVEQDELQQVIR



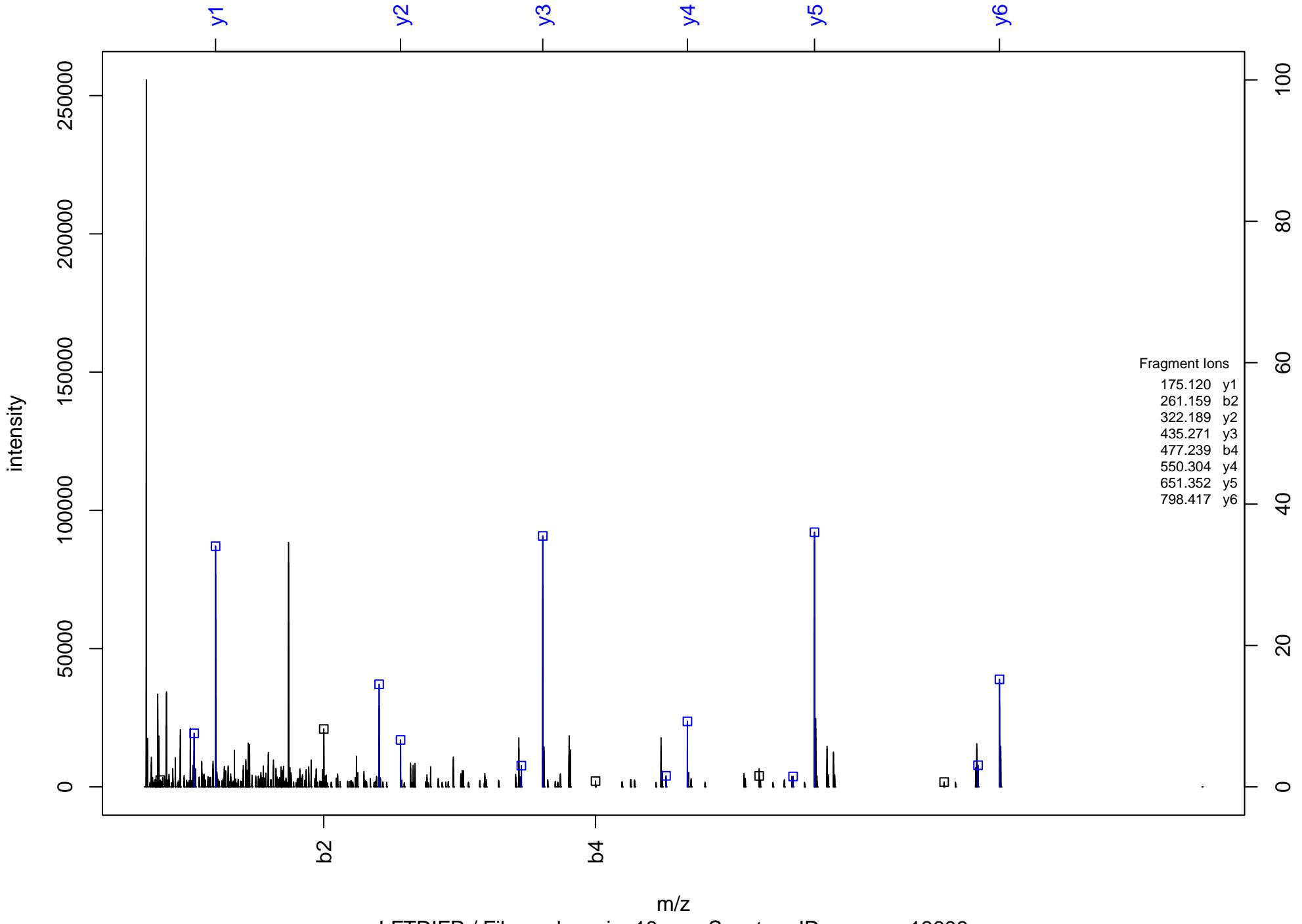
ETLETISNEEPPALSEK



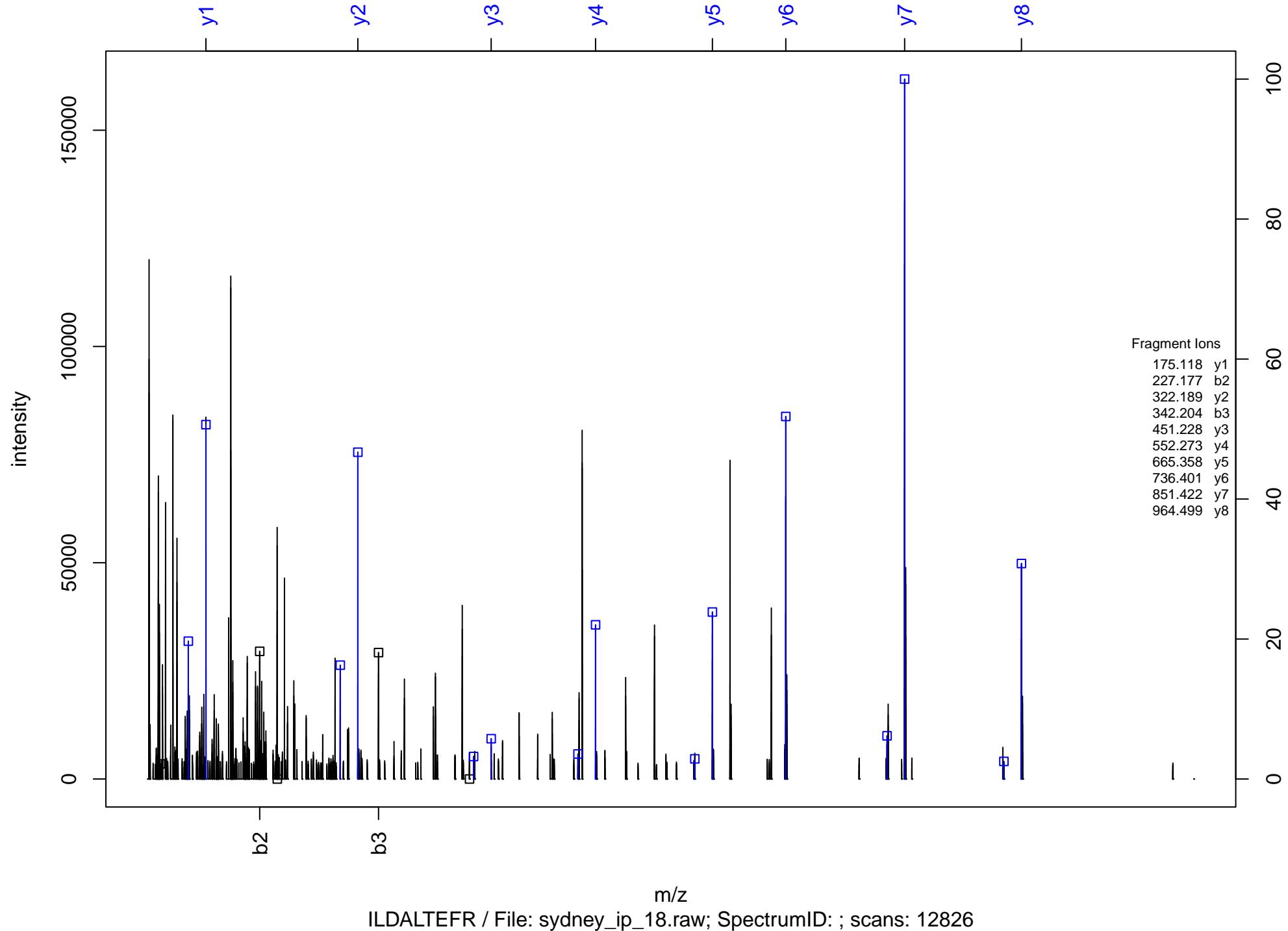
VGEIVVFR



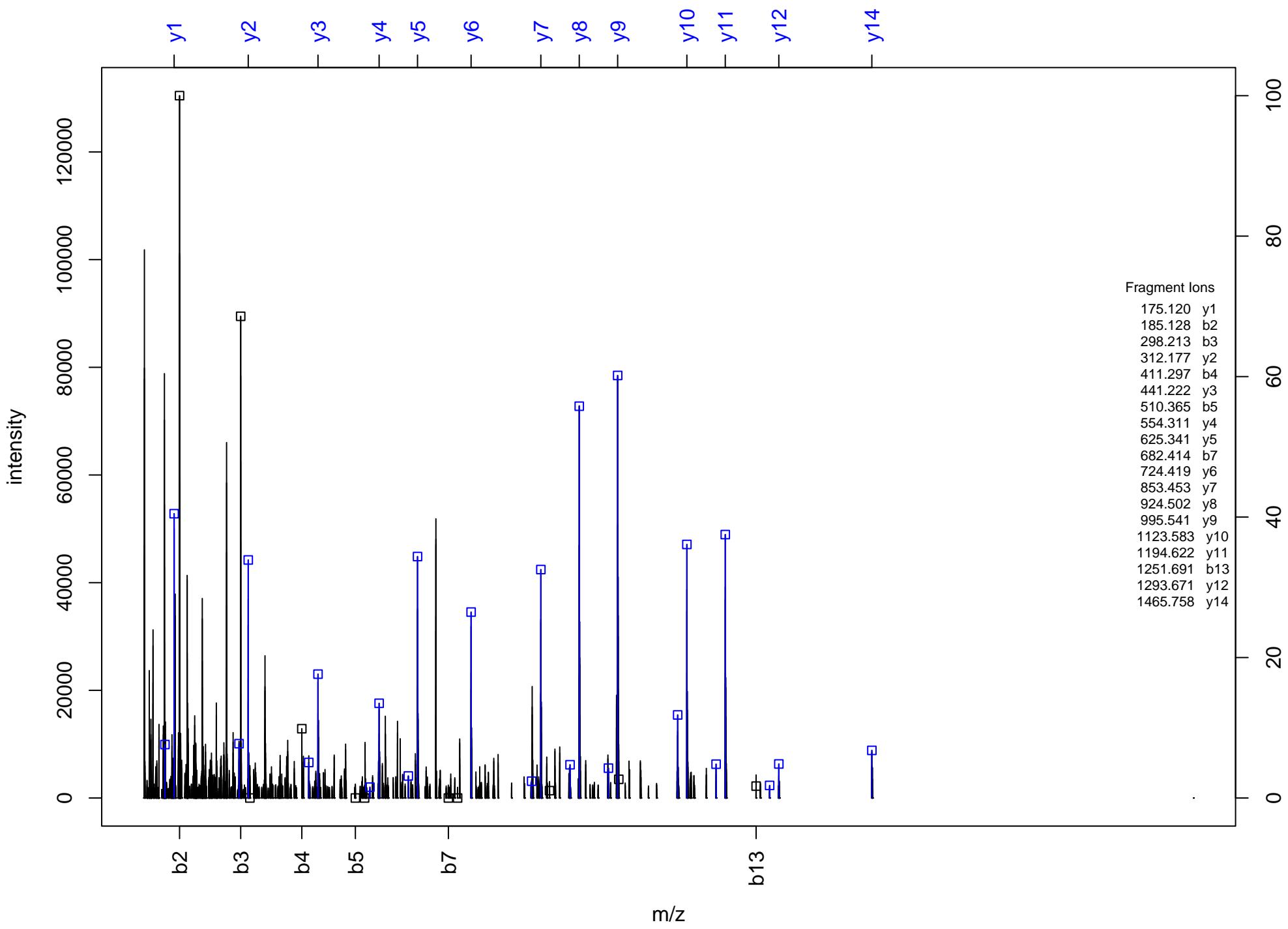
LFTDIFR



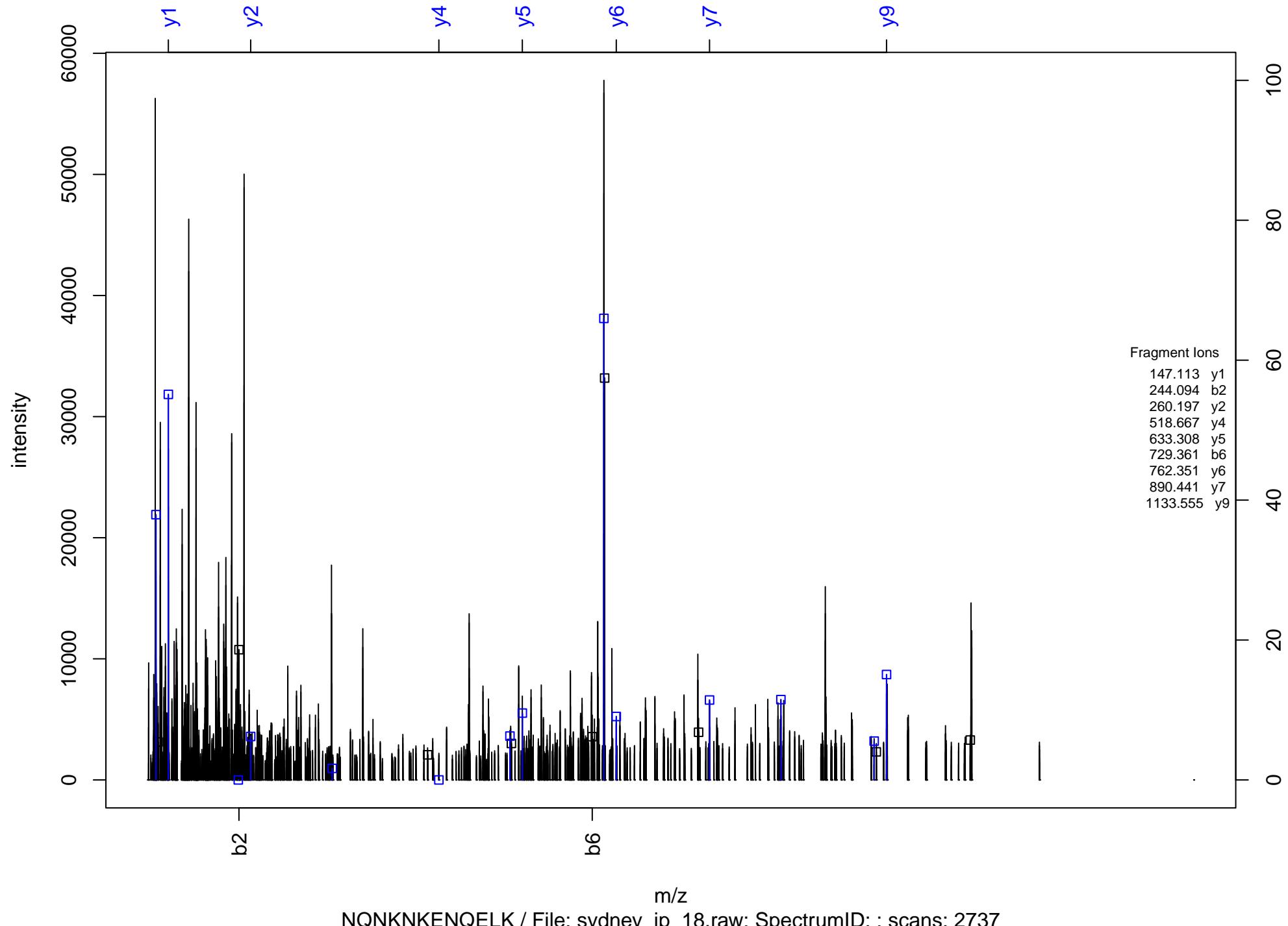
ILDALTEFR



ALLLVGDVAQAAEVAIEHR



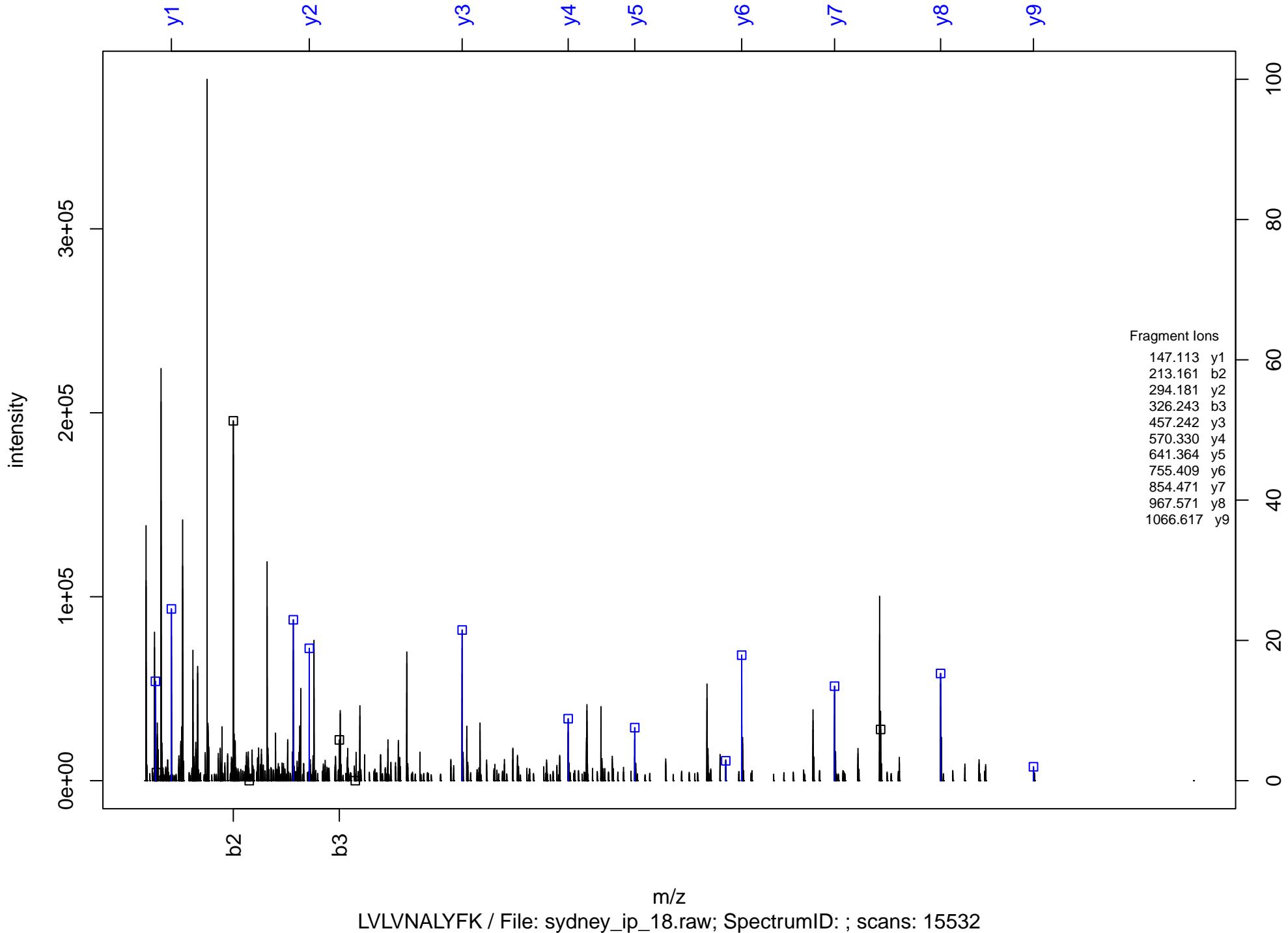
N^QNKKN^KEN^Q^ELK



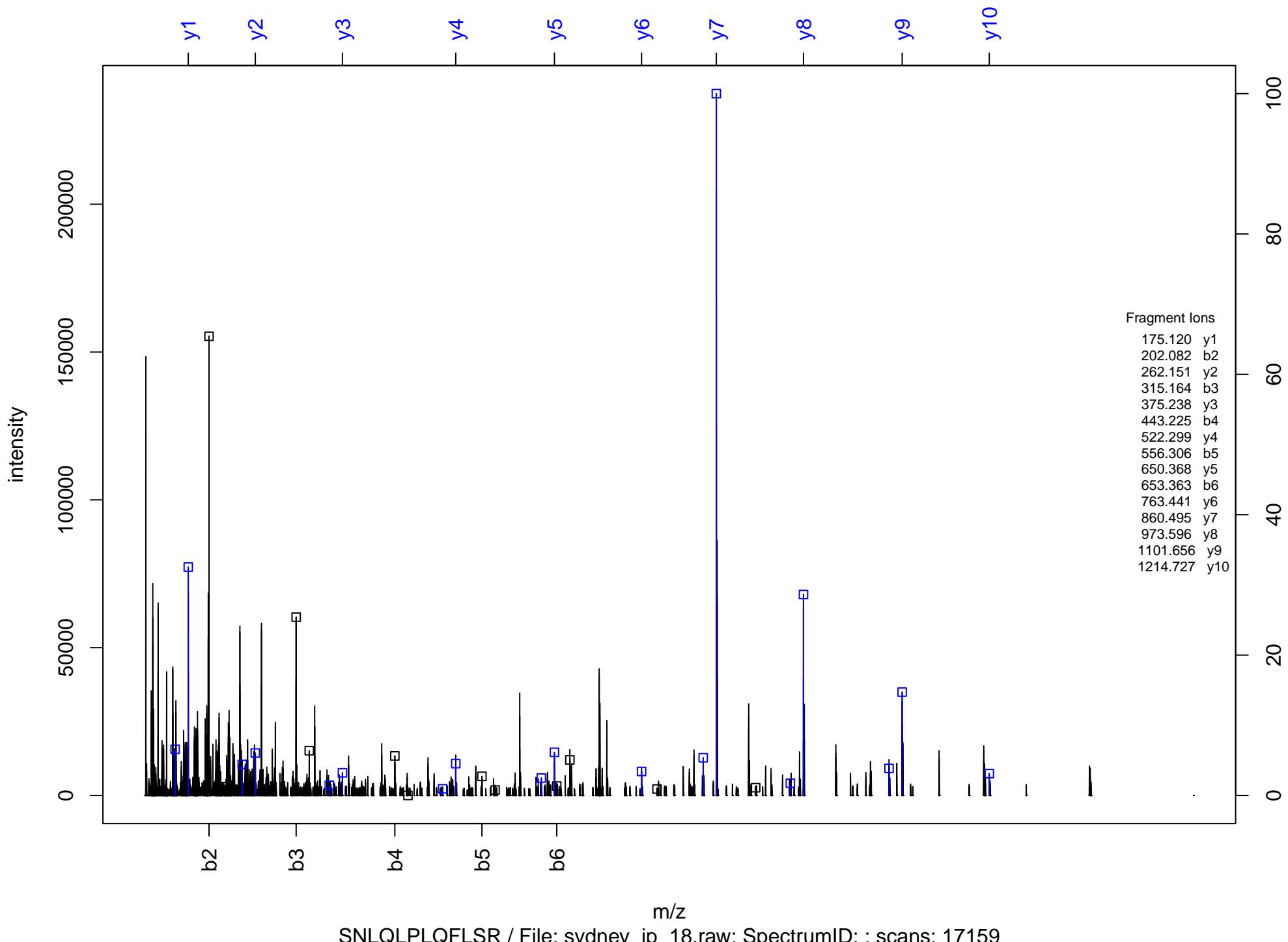
Fragment Ions	
147.113	y1
244.094	b2
260.197	y2
518.667	y4
633.308	y5
729.361	b6
762.351	y6
890.441	y7
1133.555	y9

NQNKNKENQELK / File: sydney_ip_18.raw; SpectrumID: ; scans: 2737

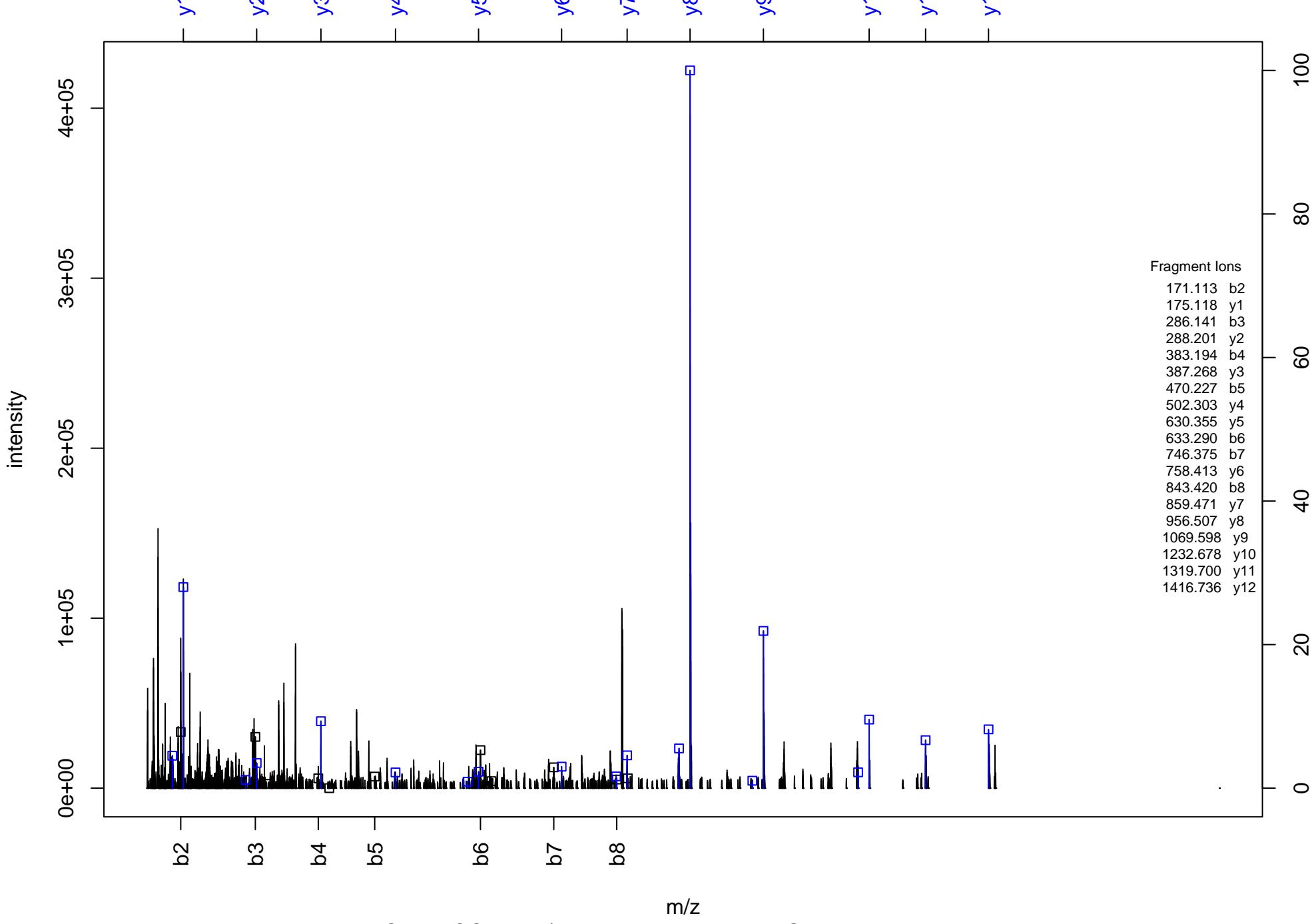
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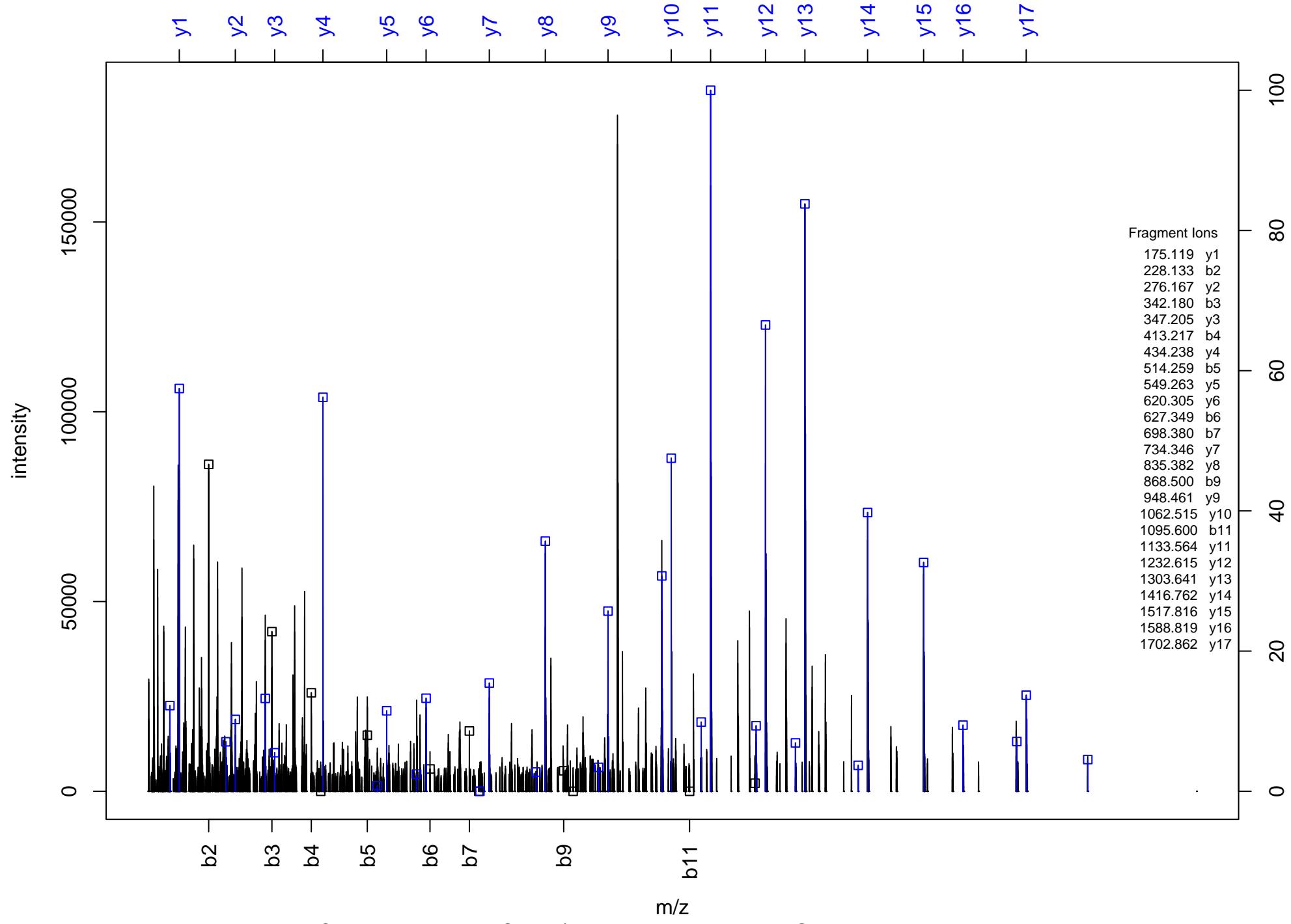
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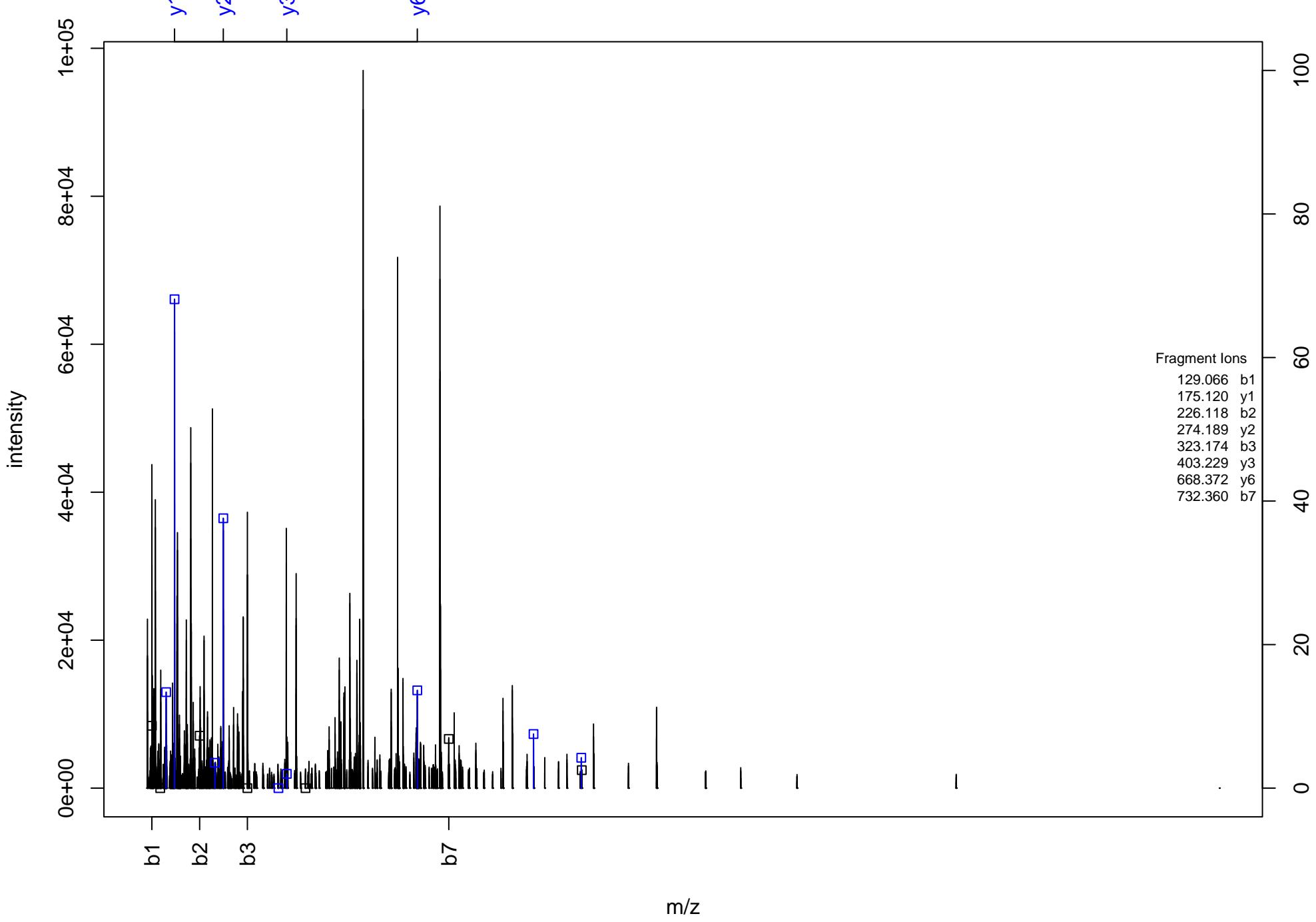
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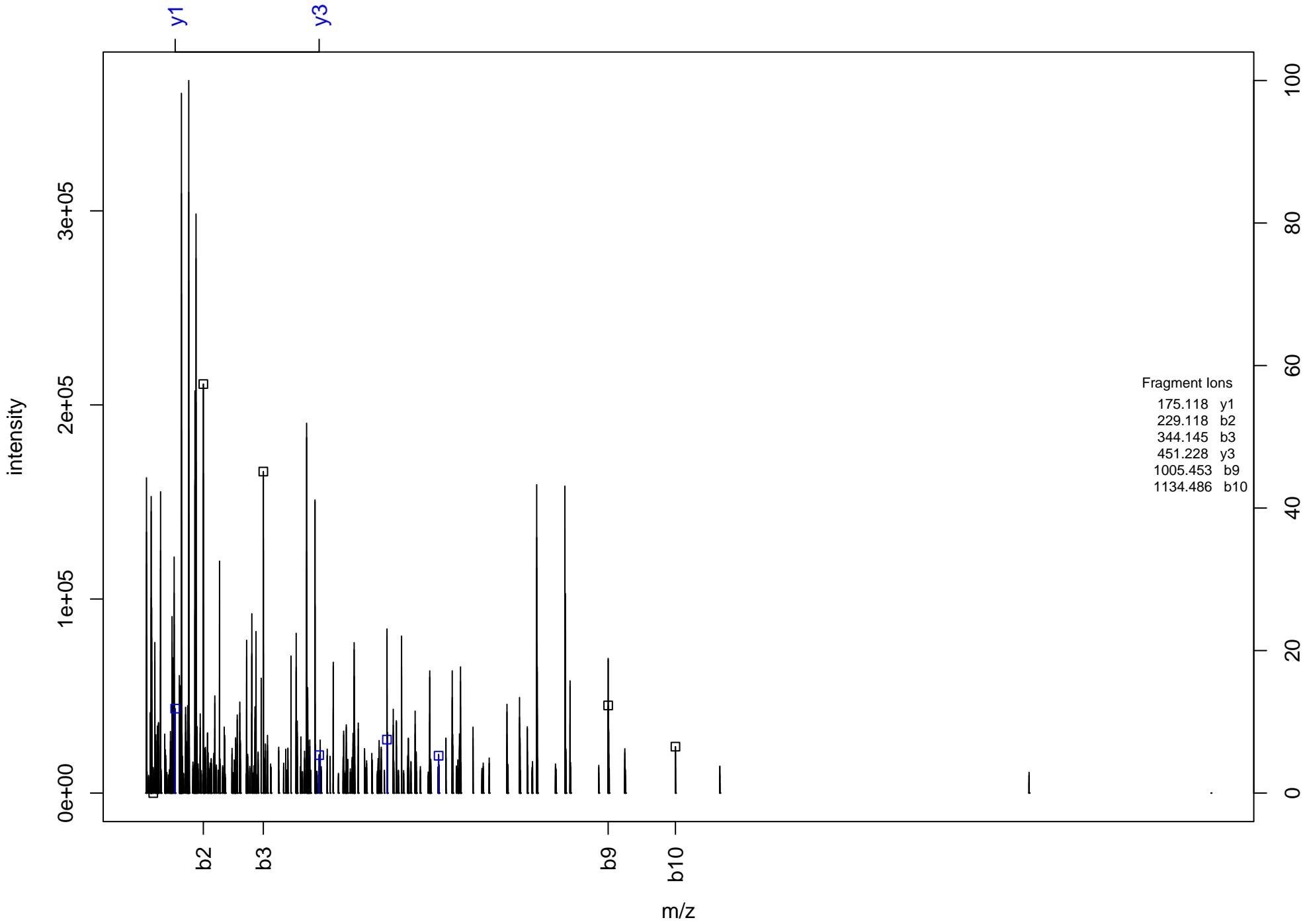
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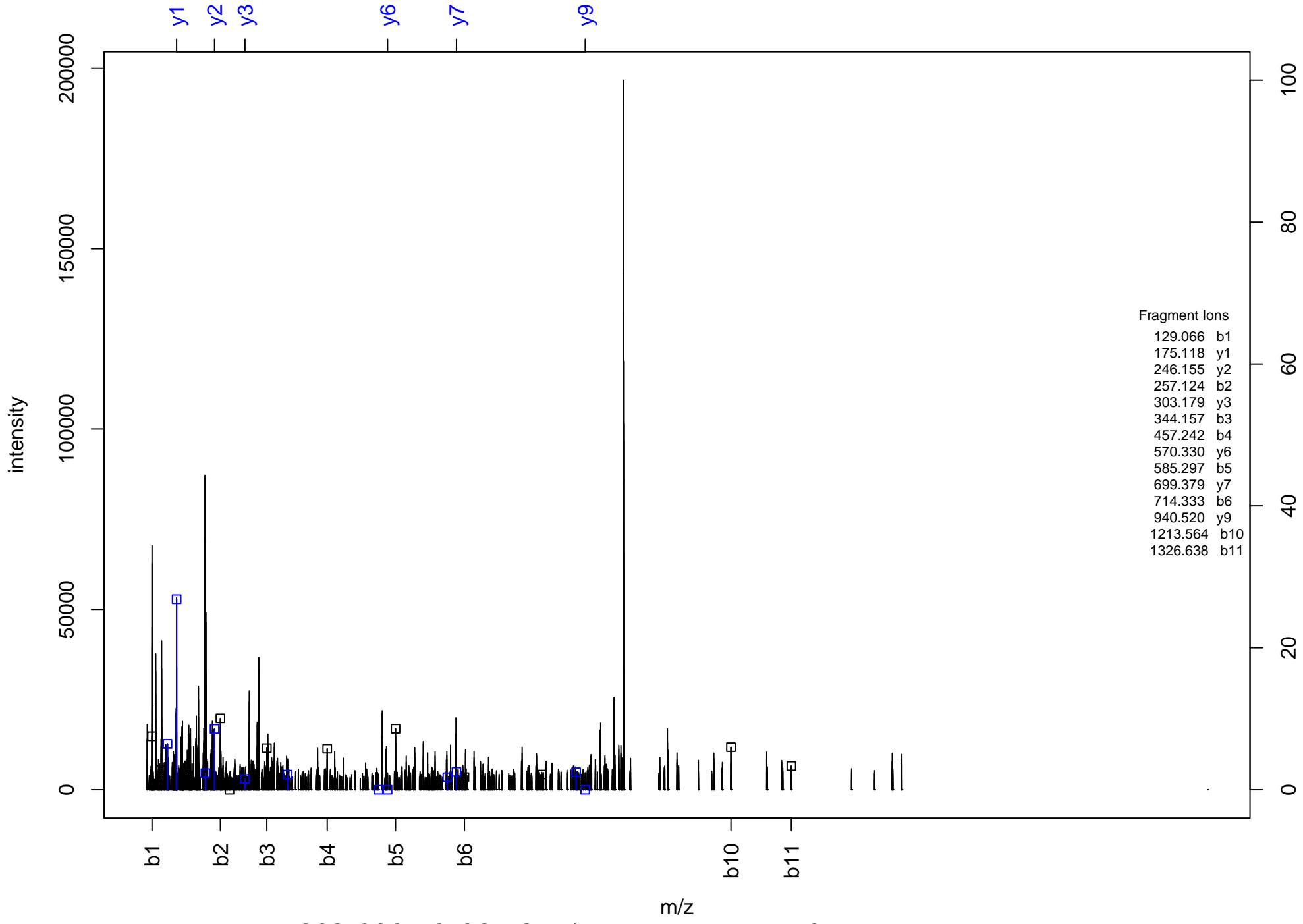
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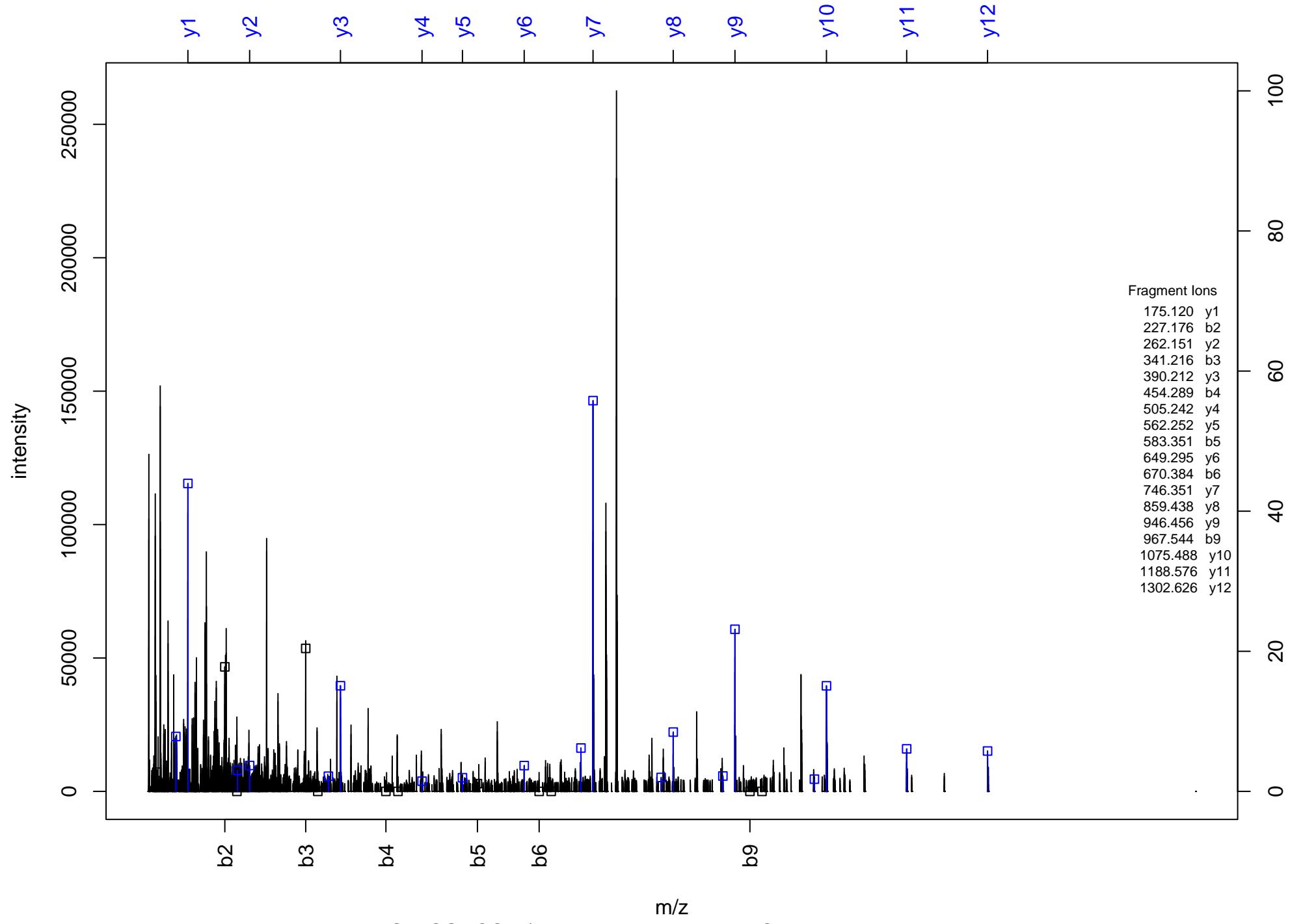
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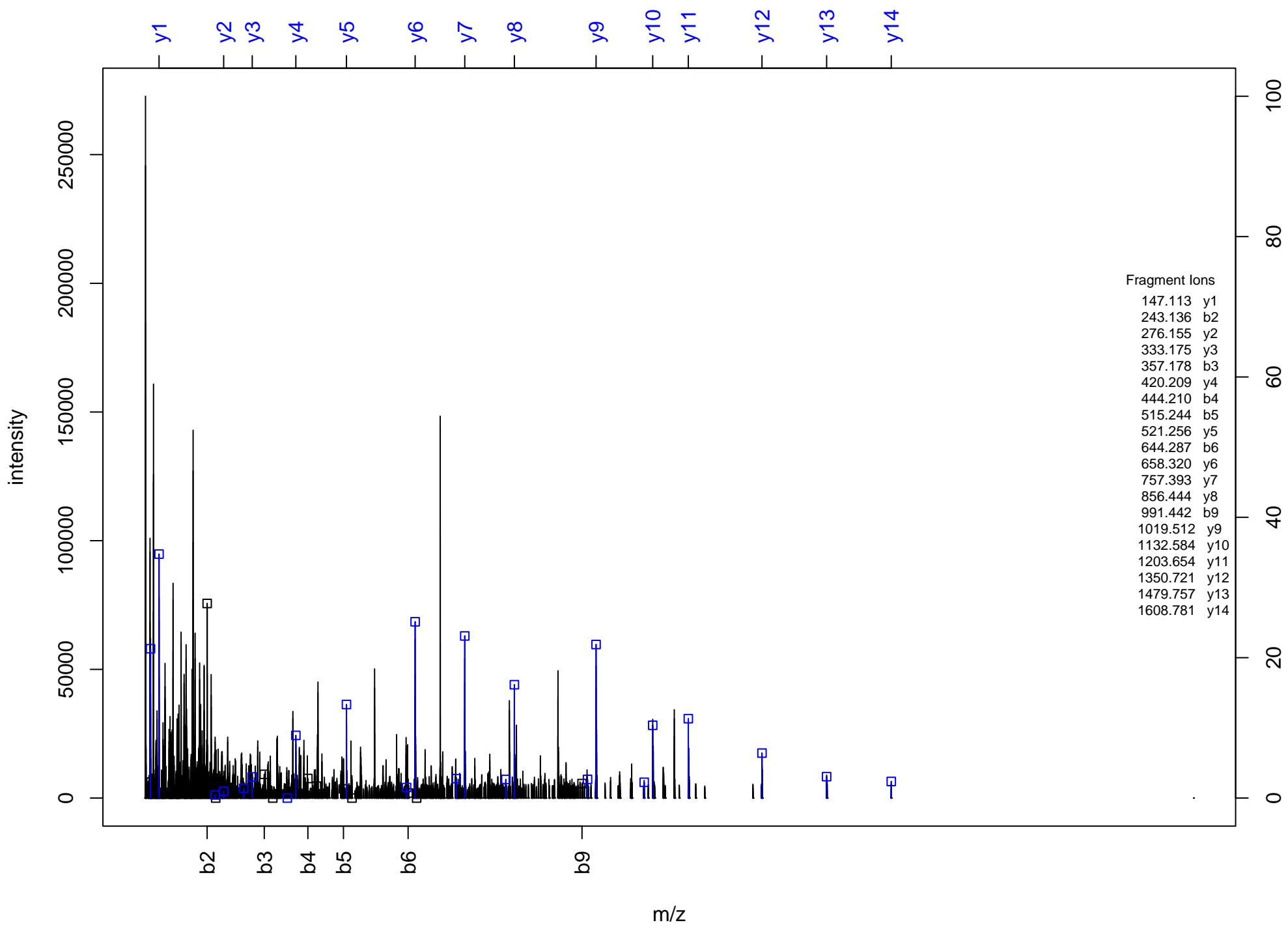
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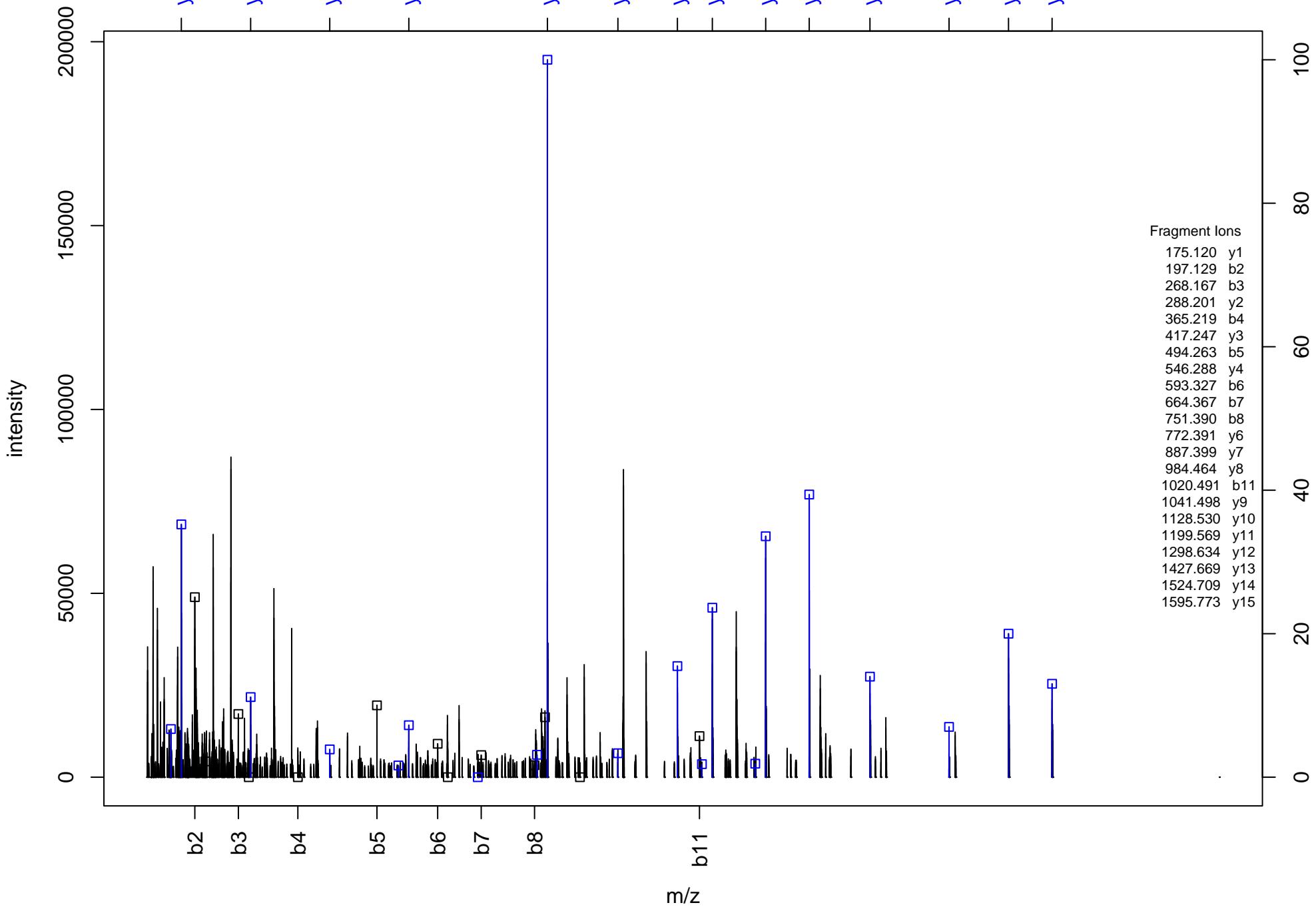
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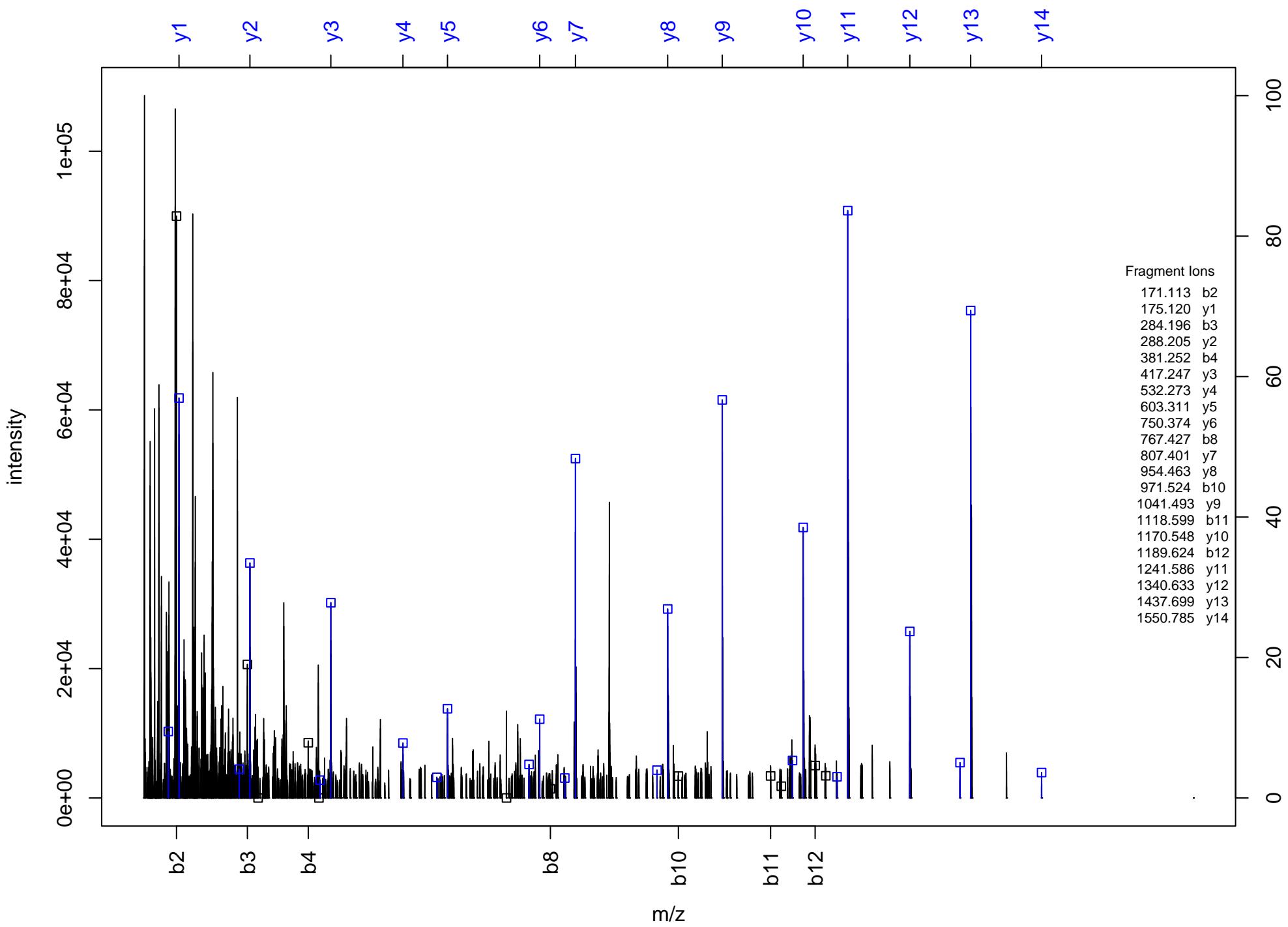


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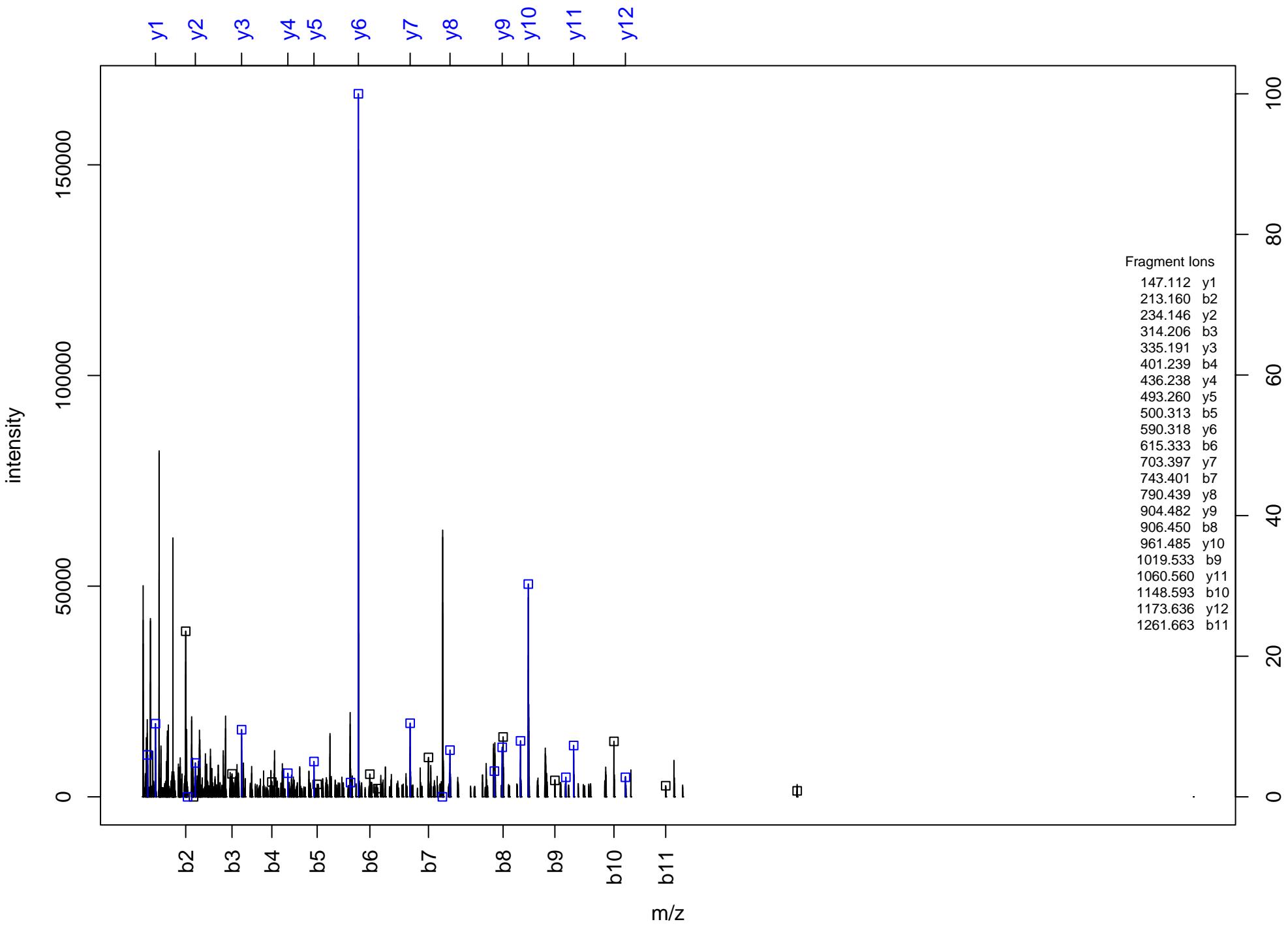


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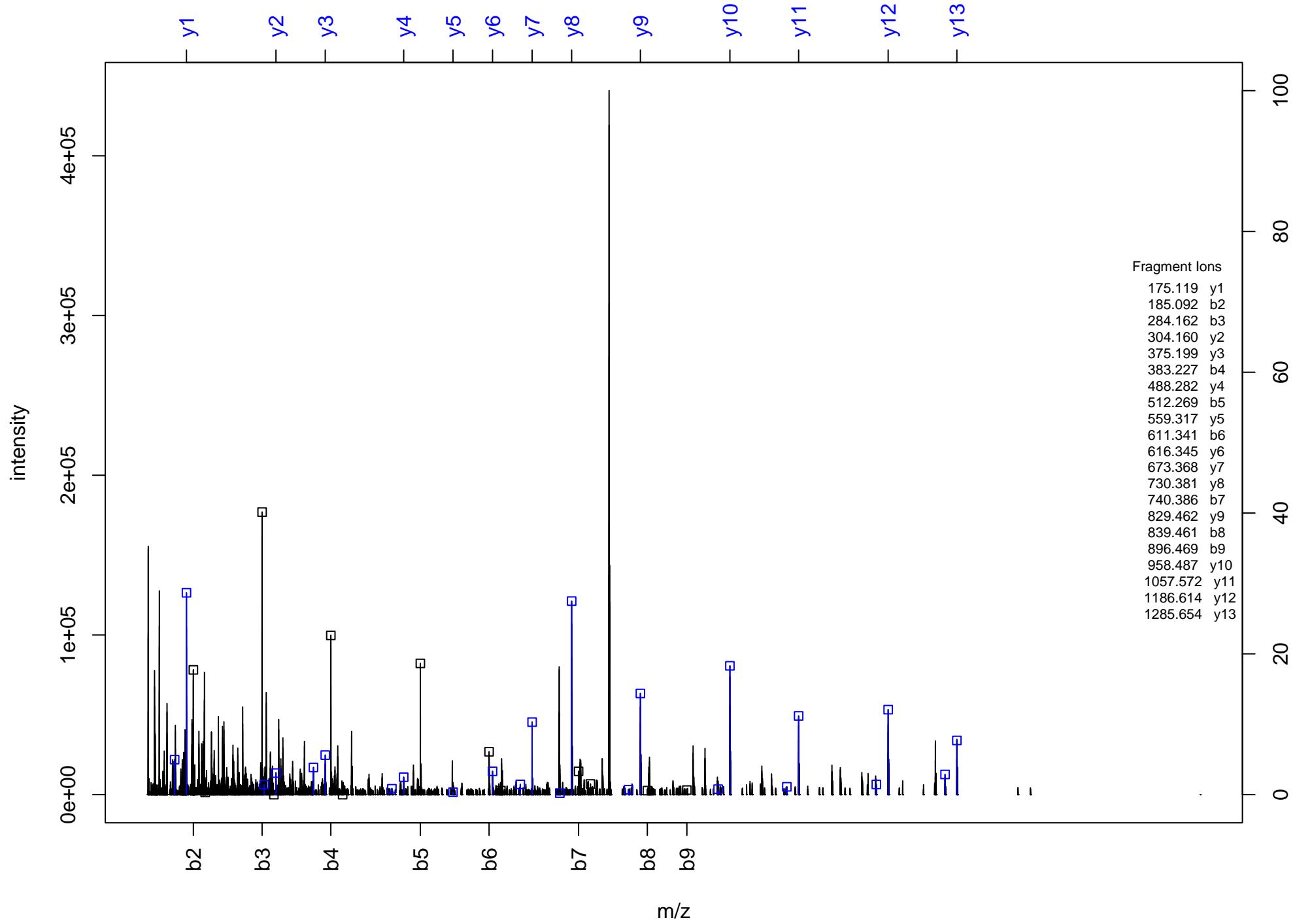
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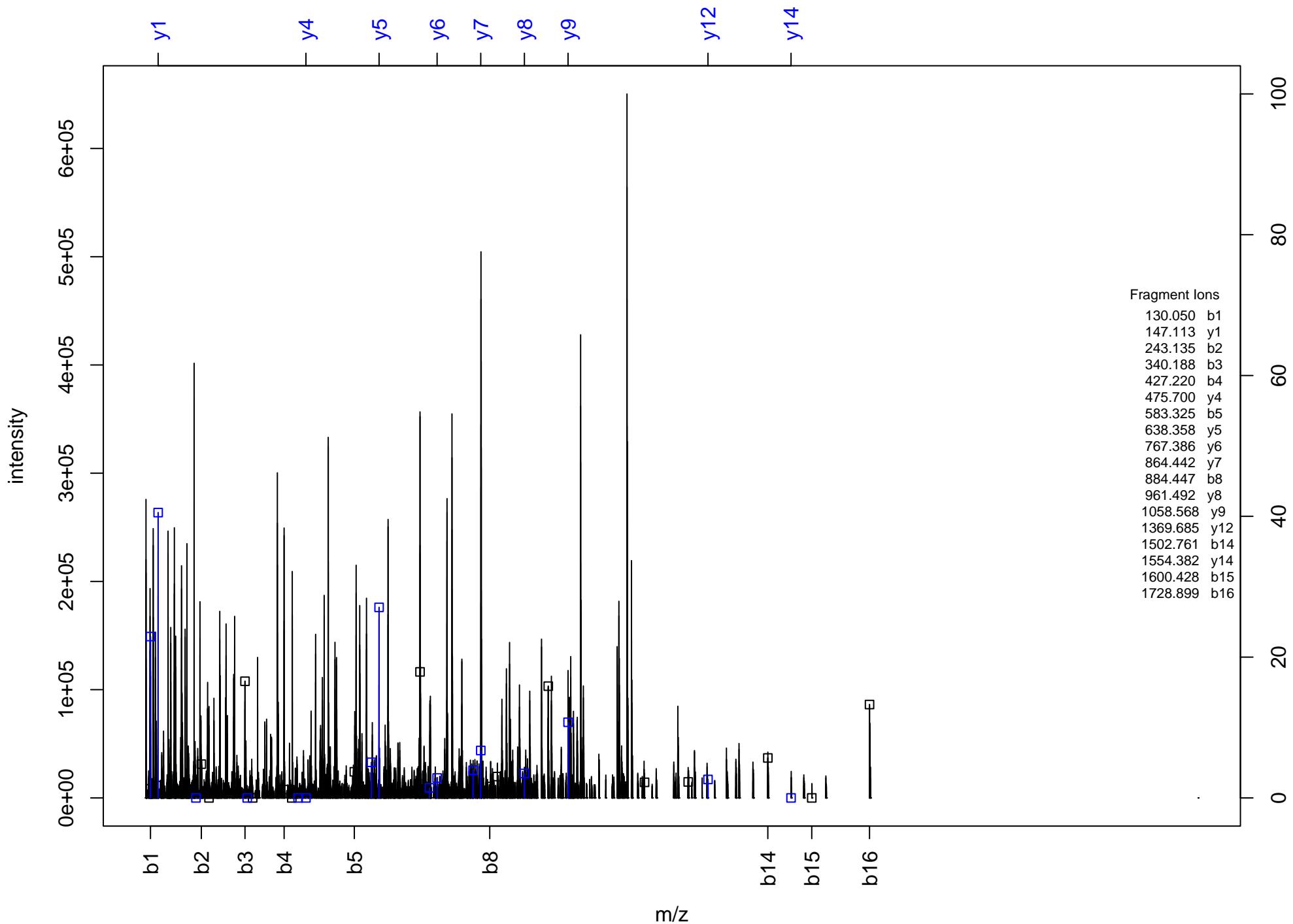
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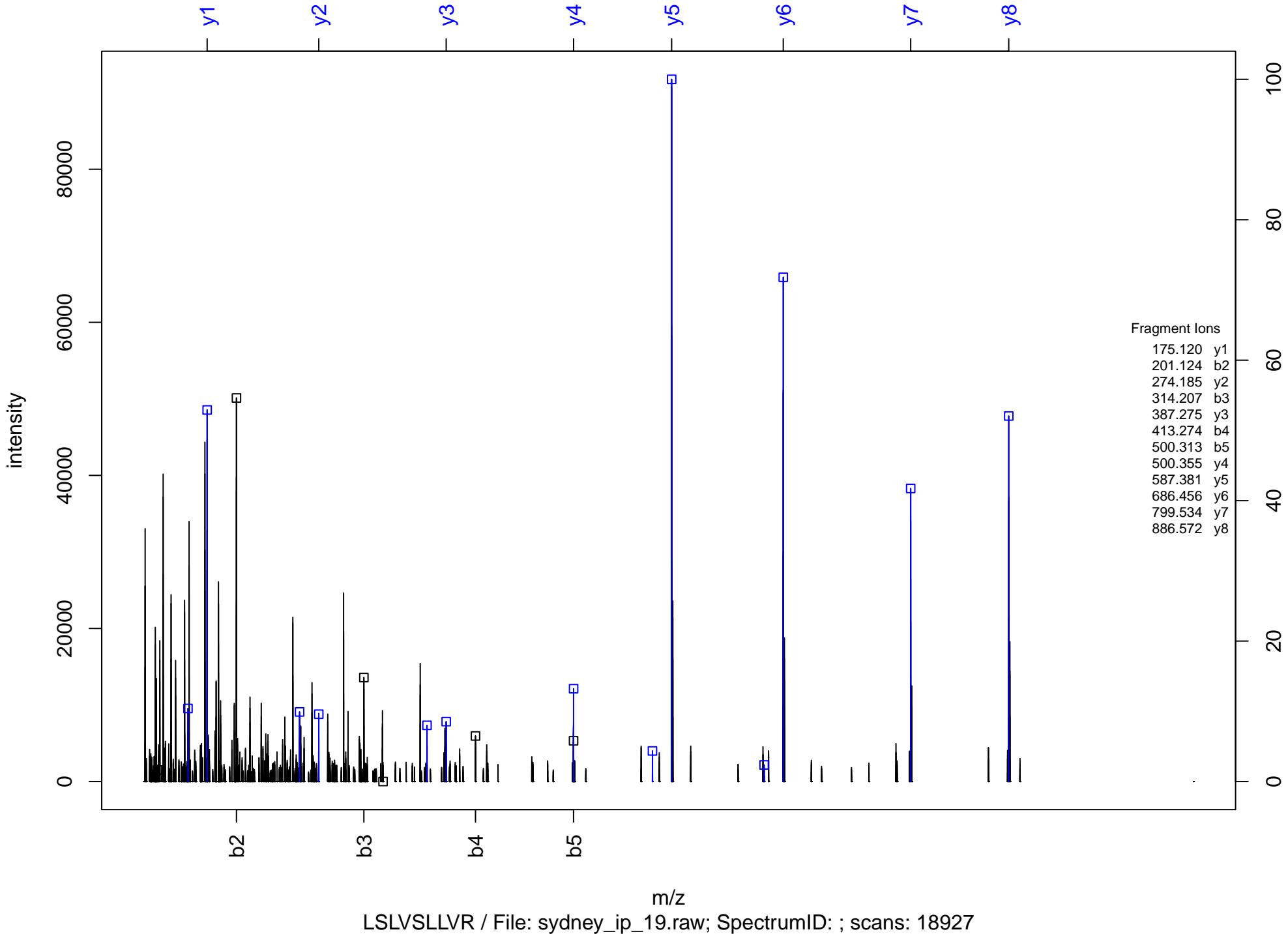
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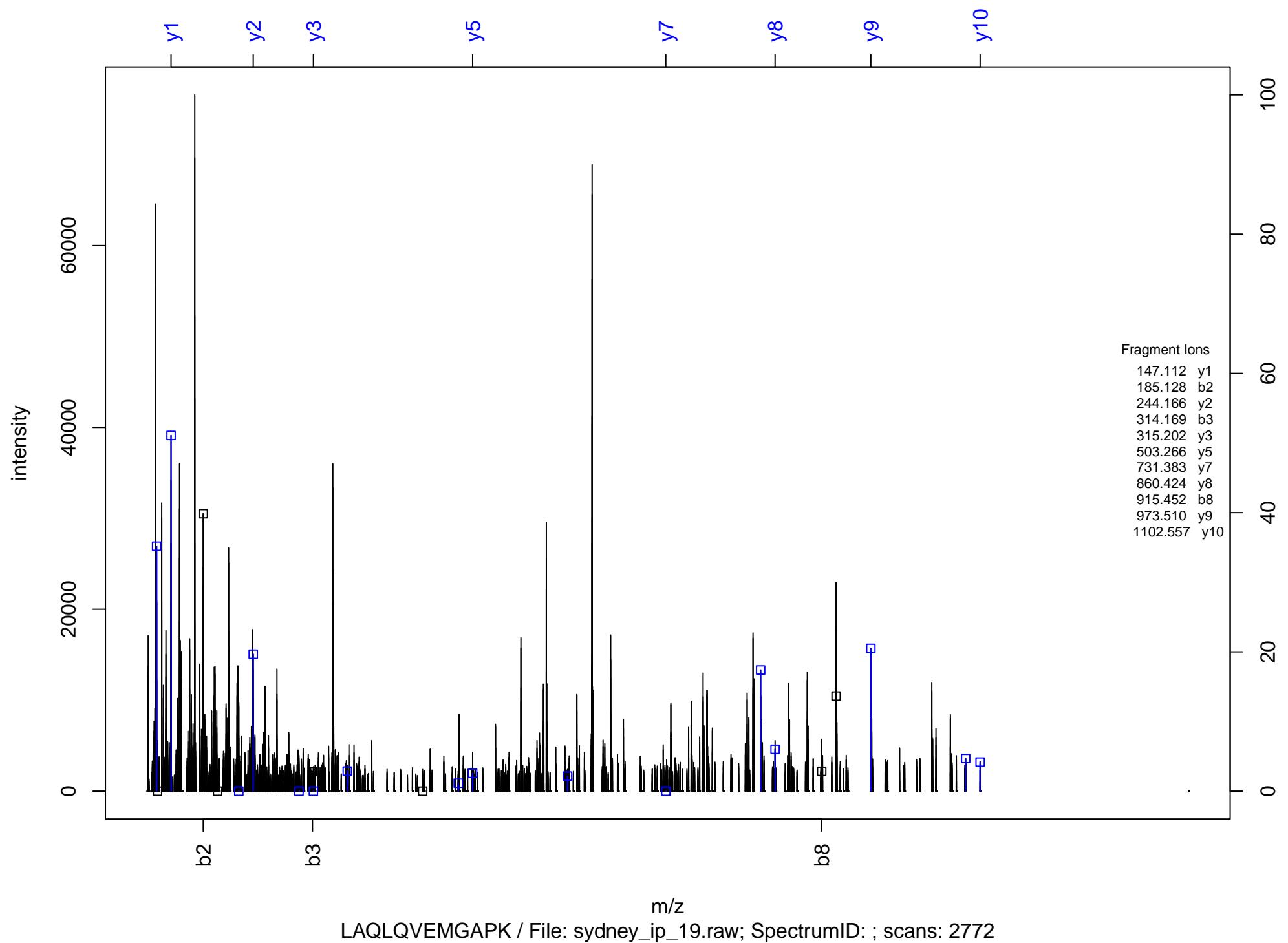
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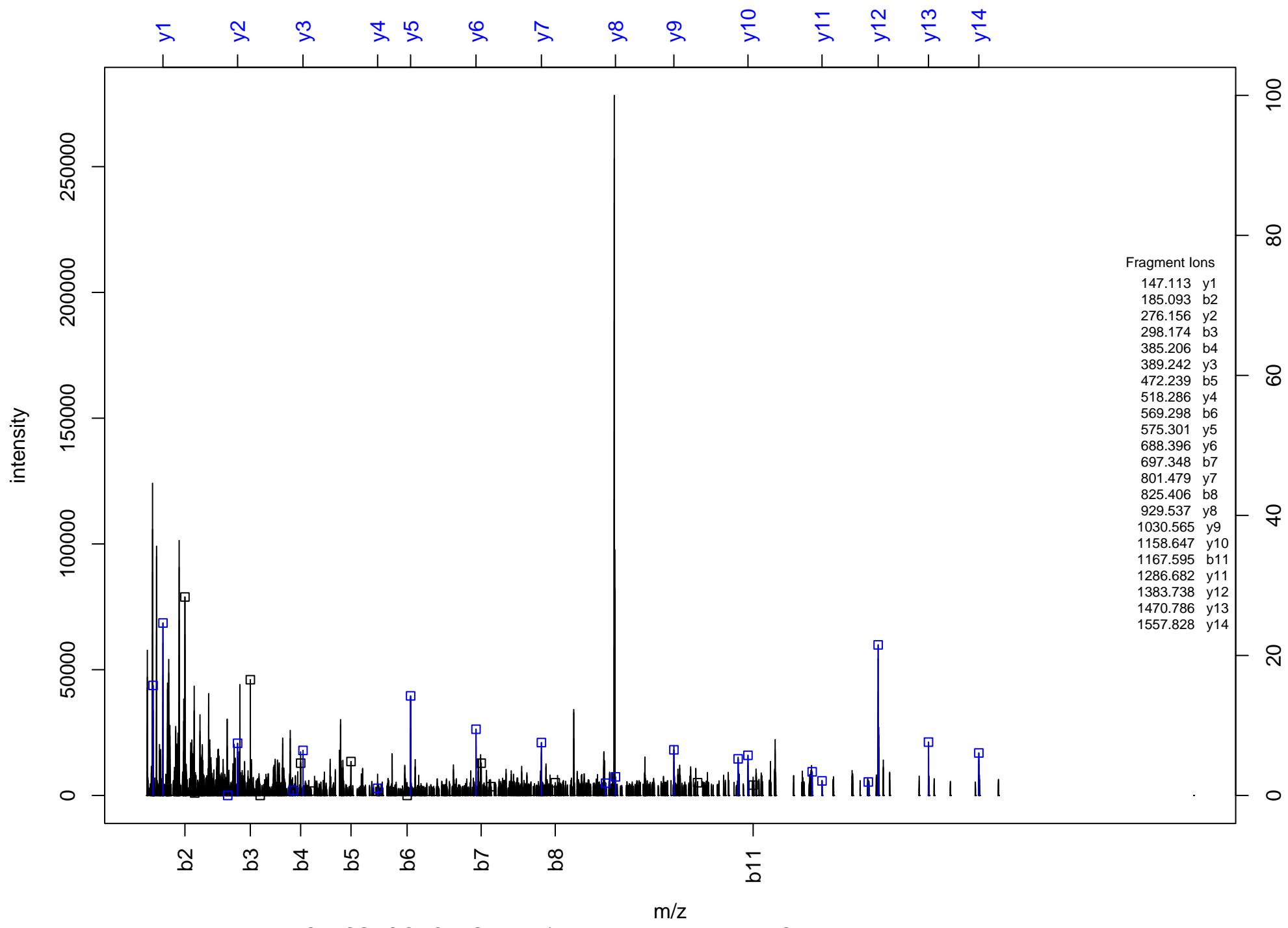
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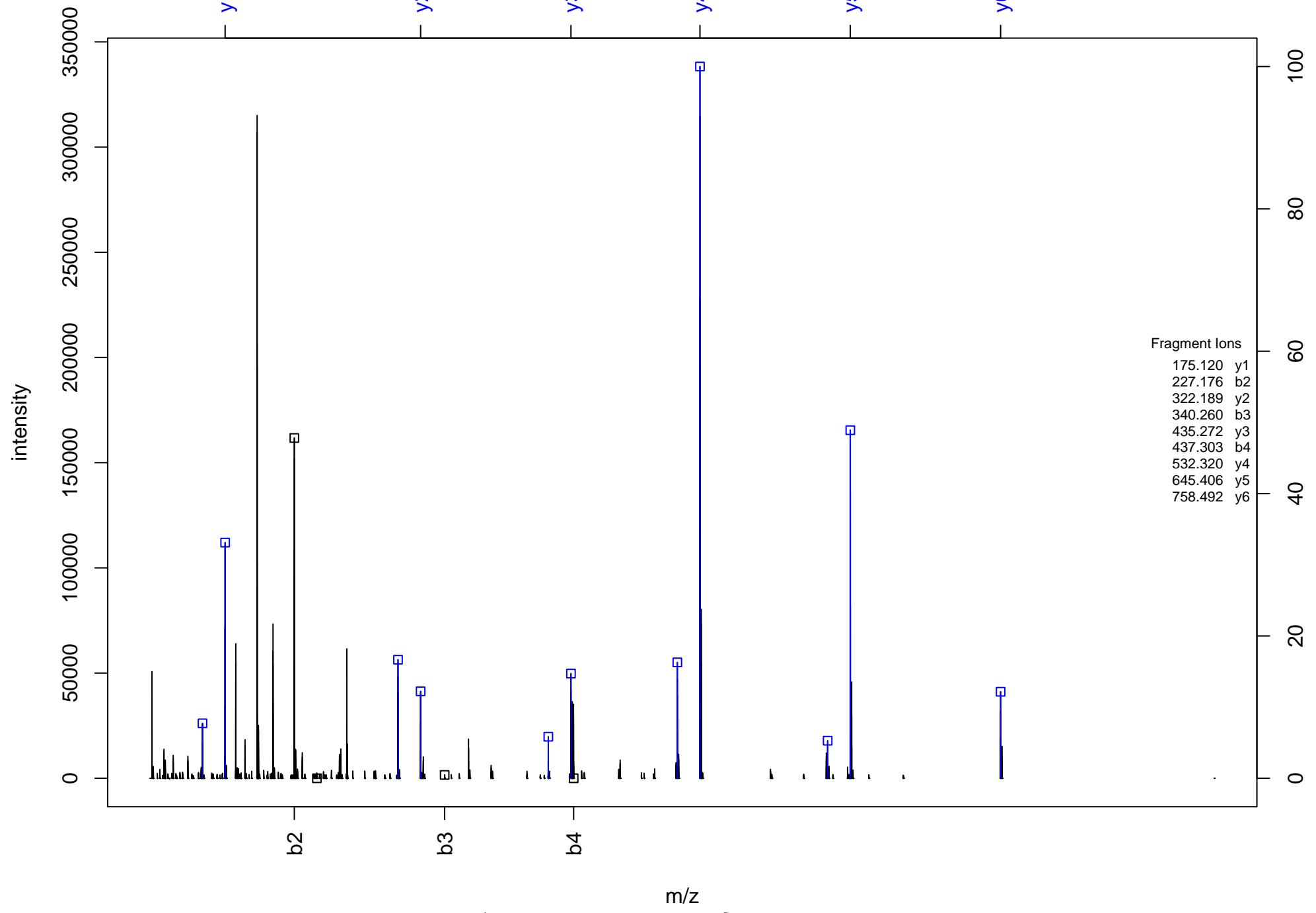
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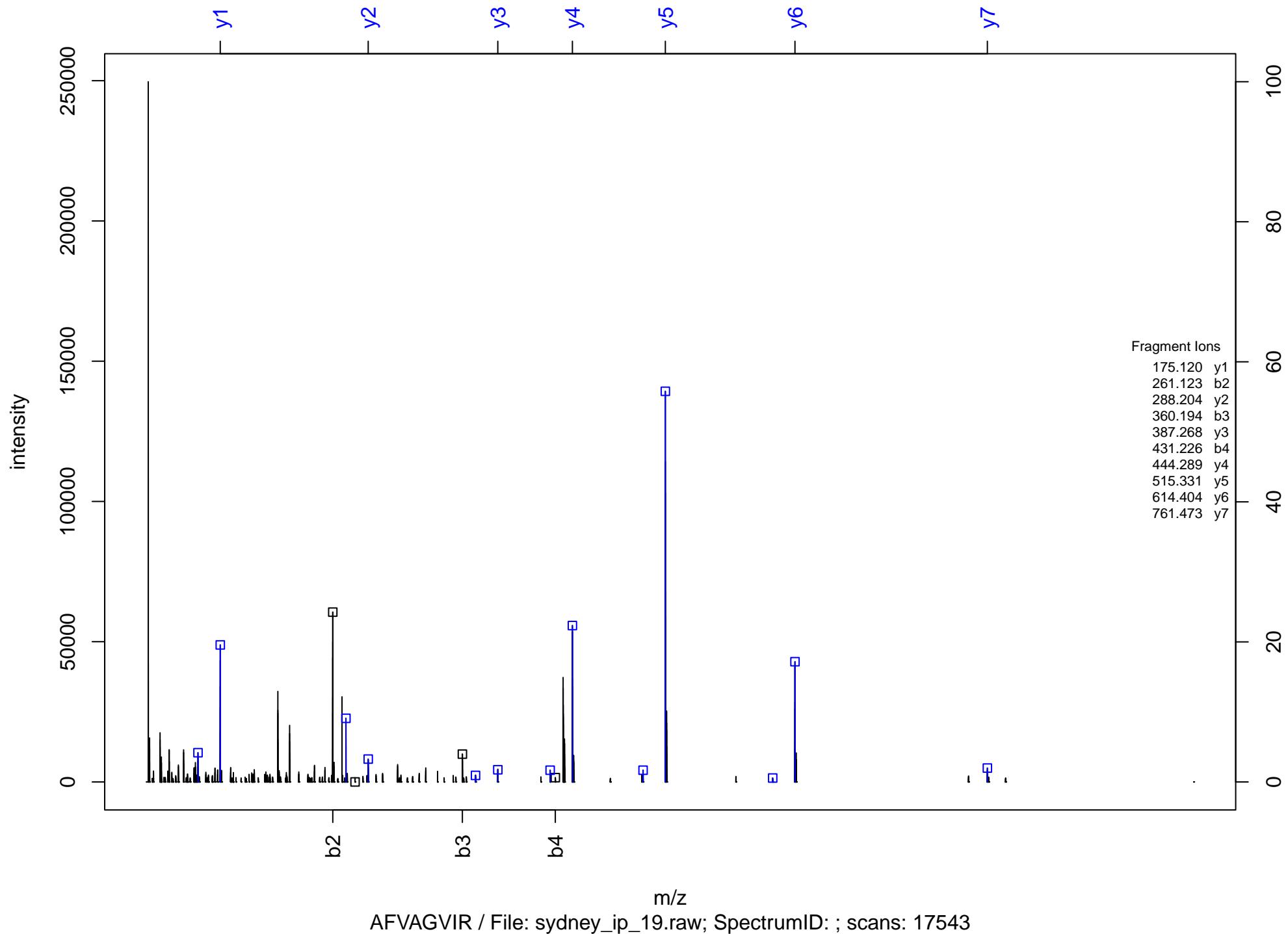
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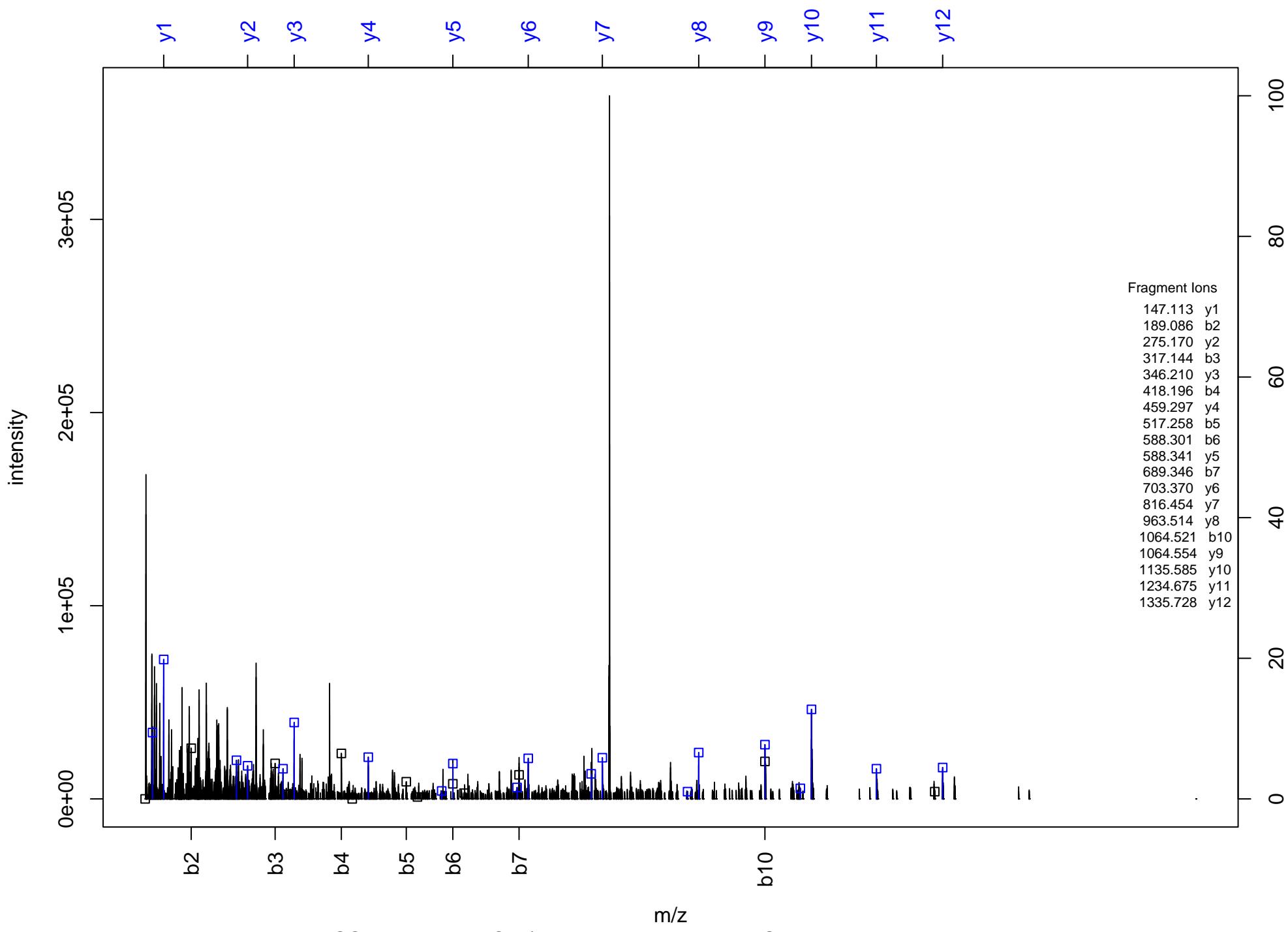
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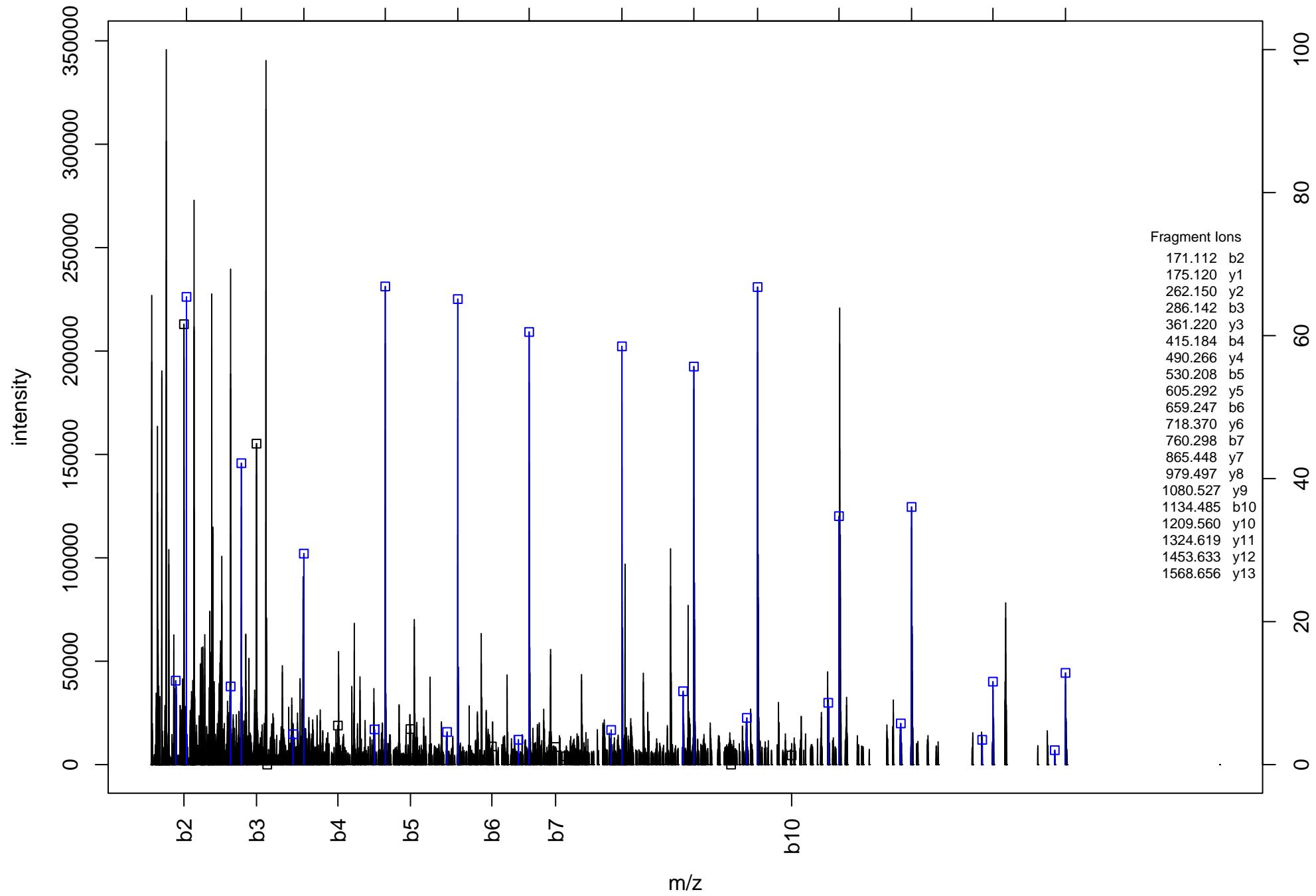
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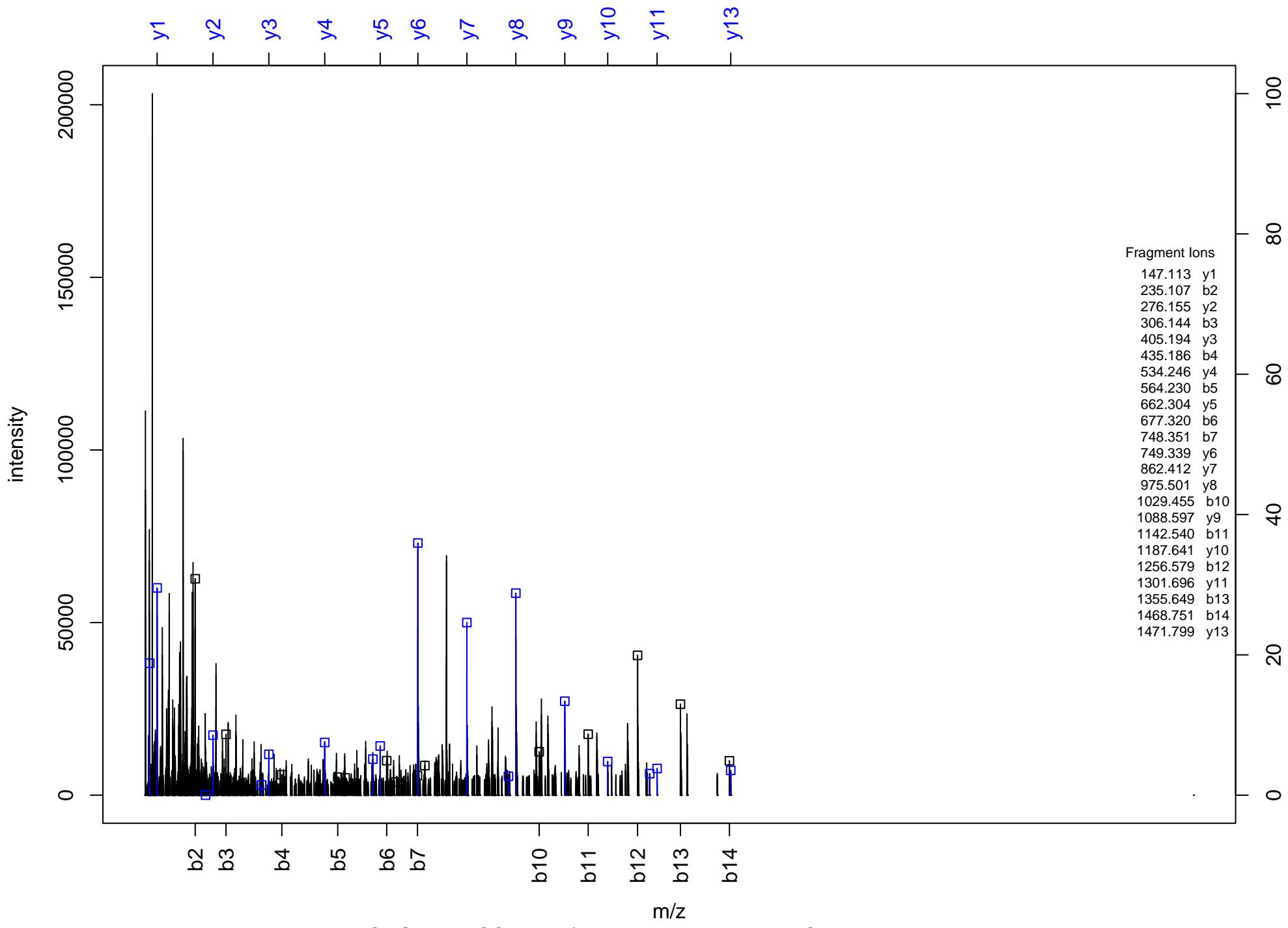
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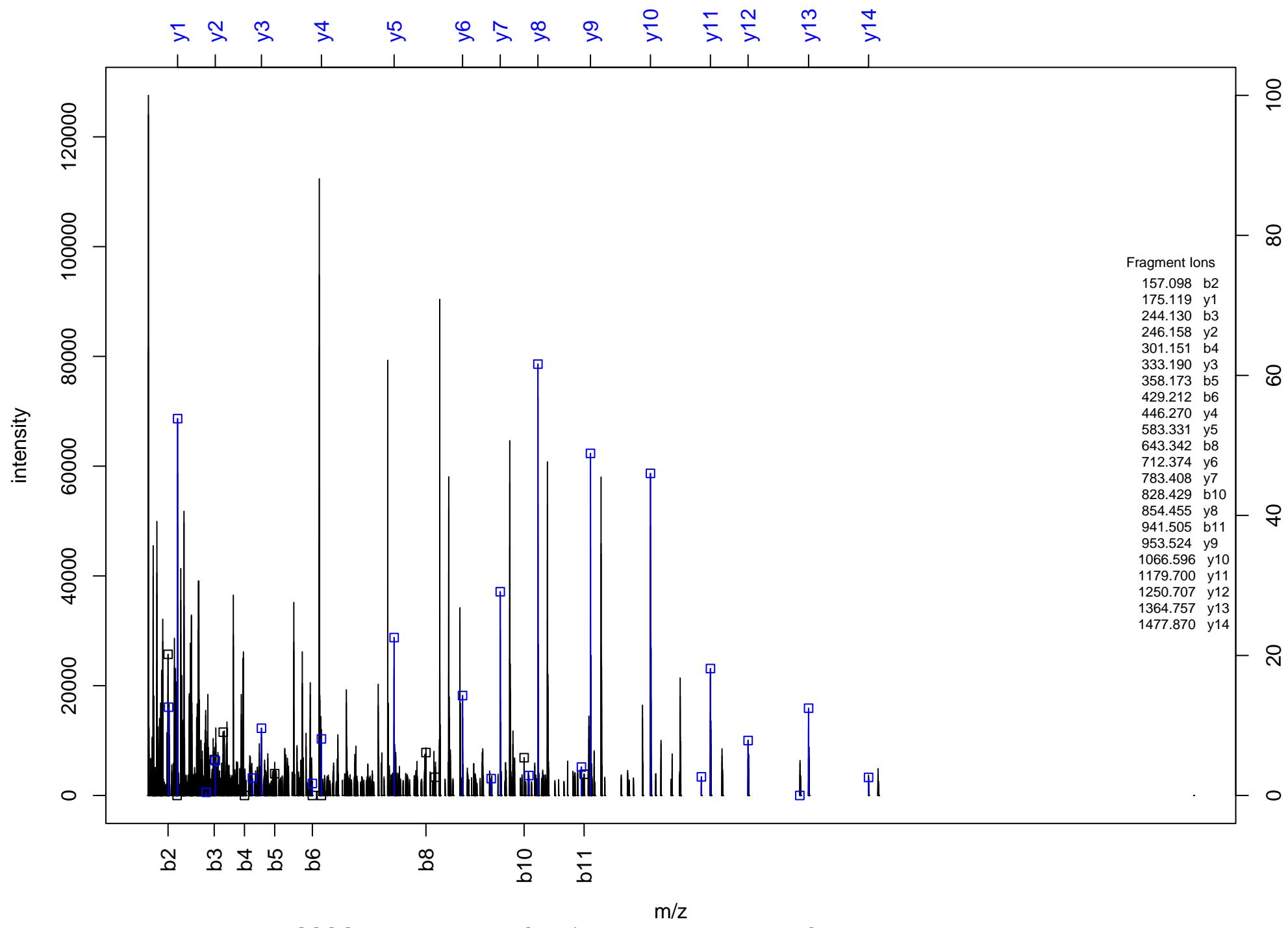
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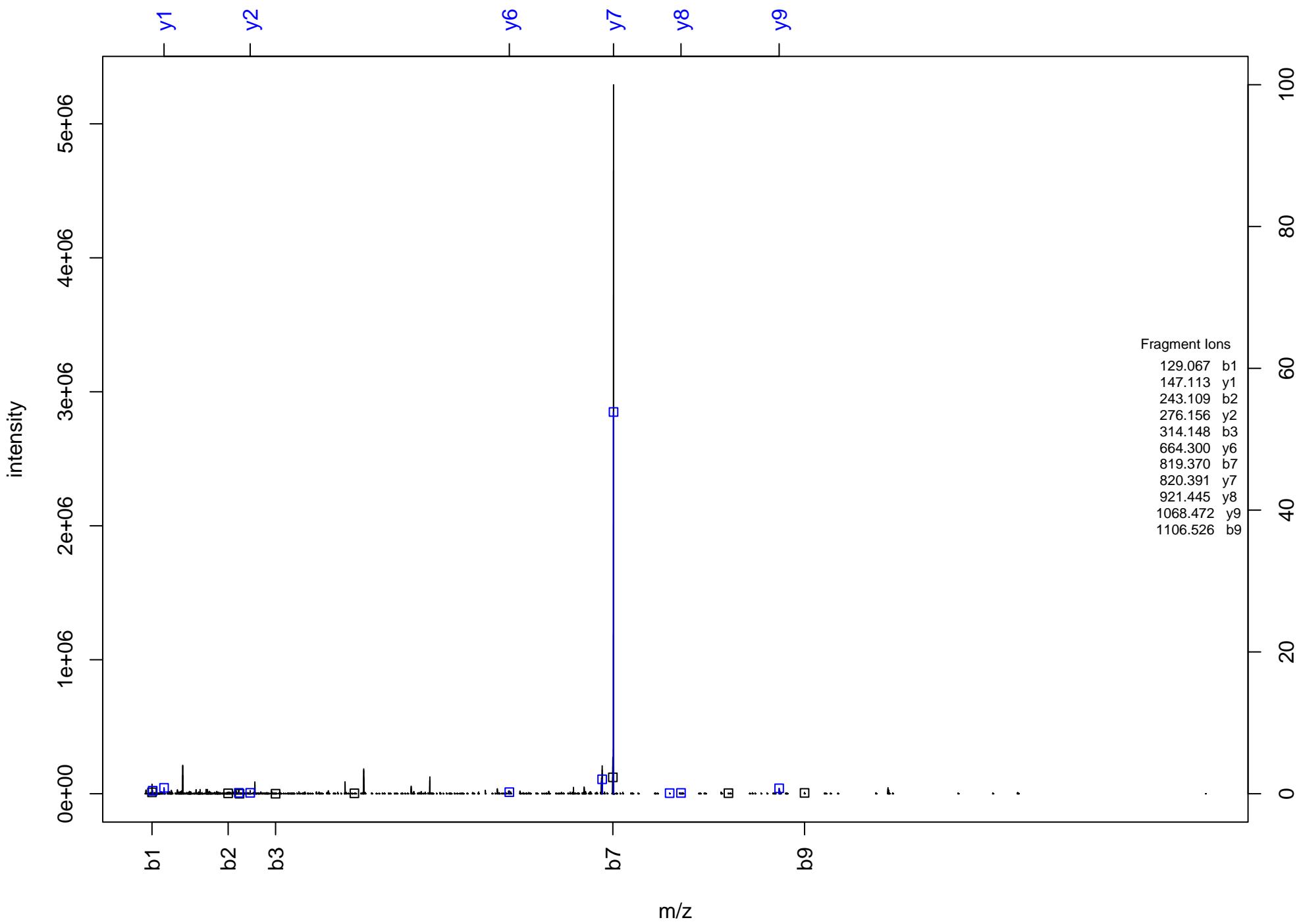
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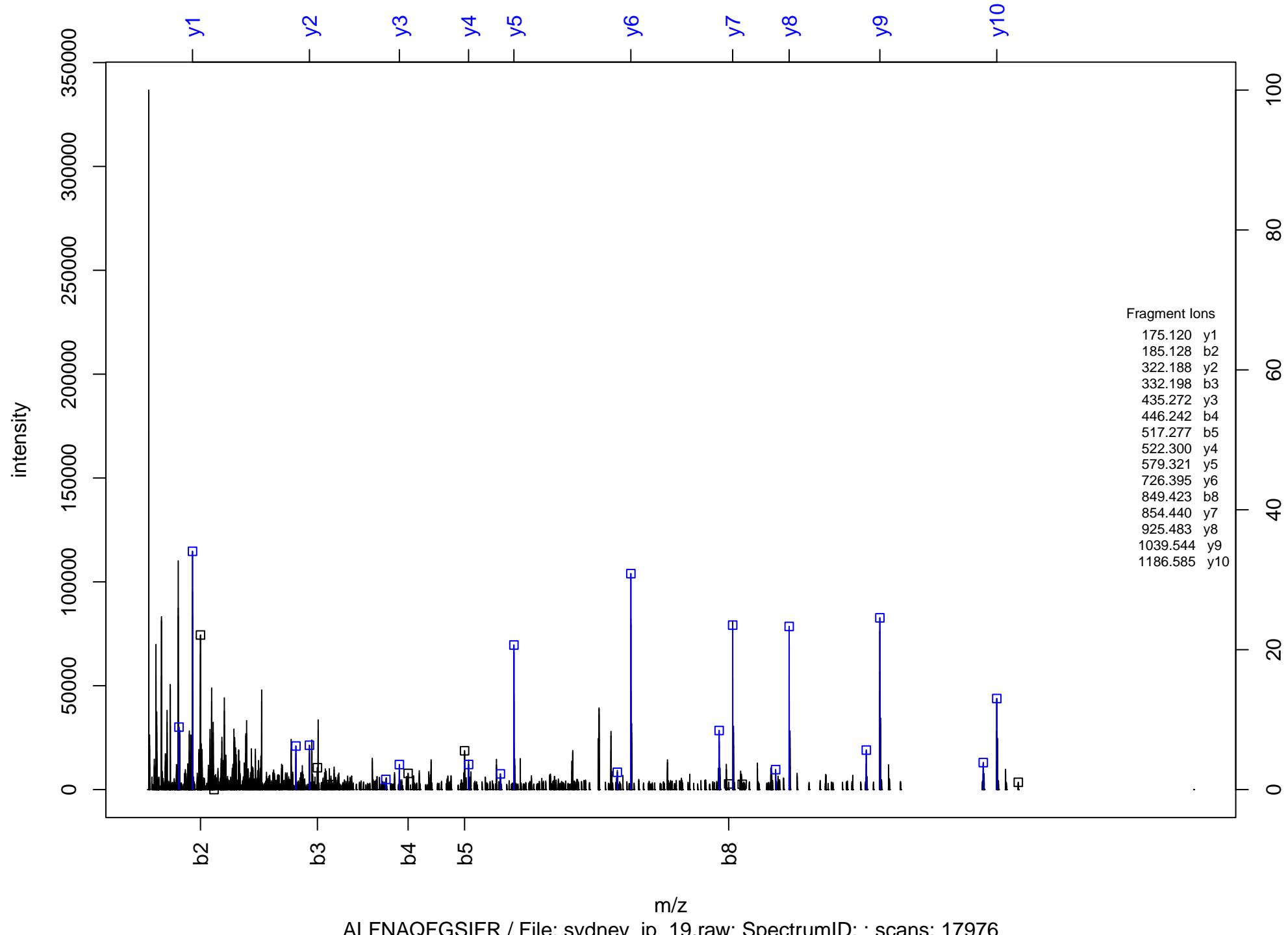
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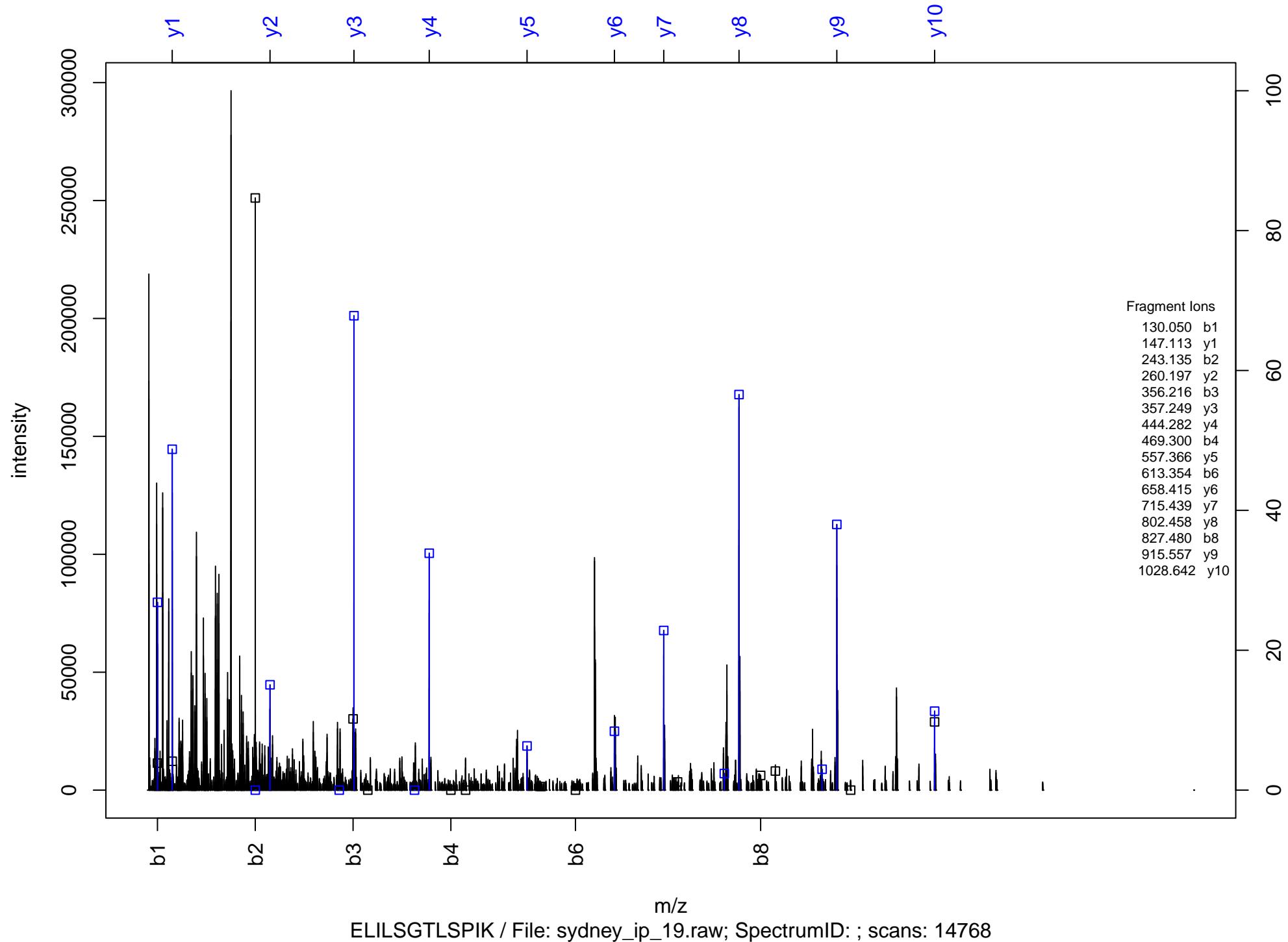
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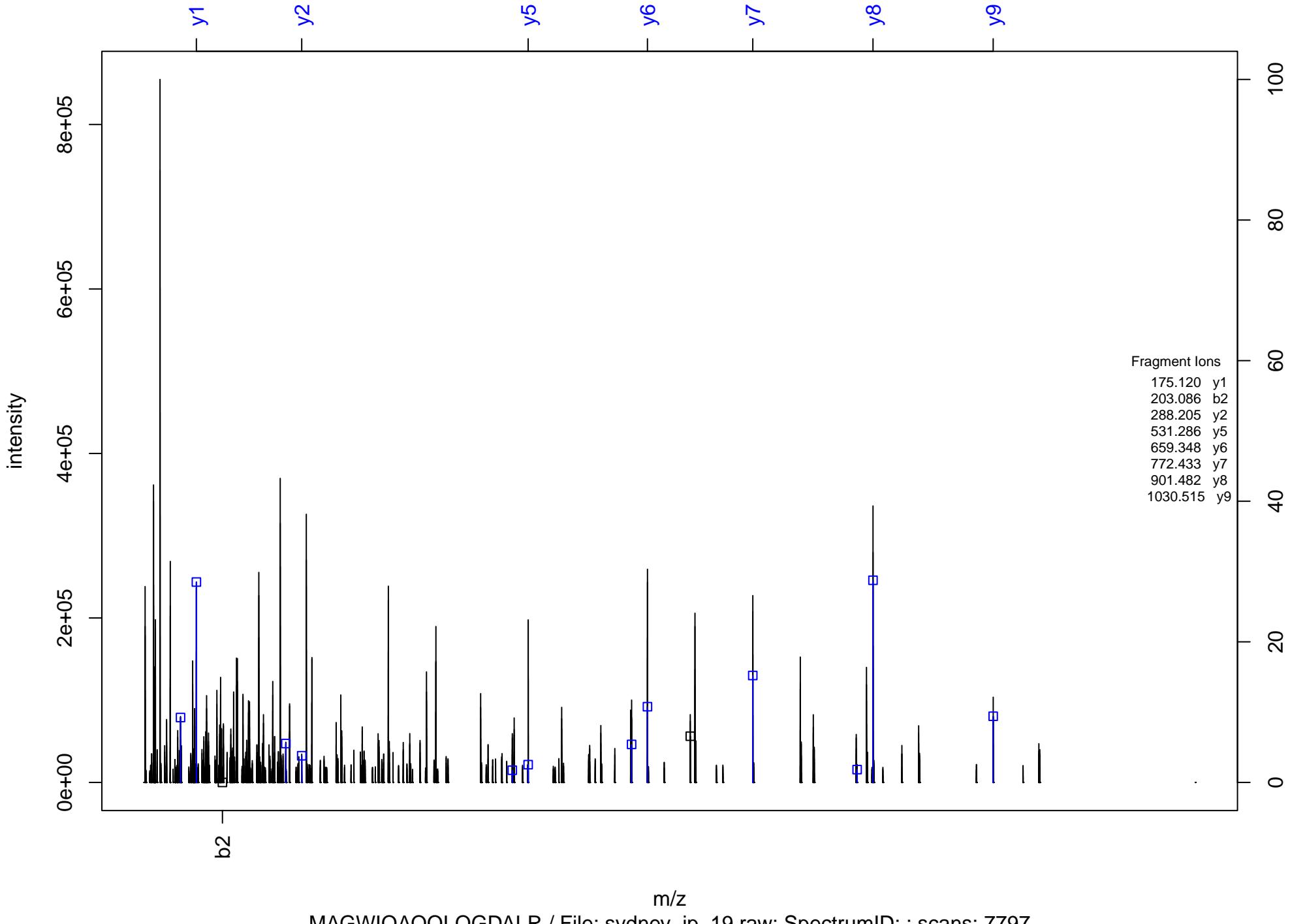
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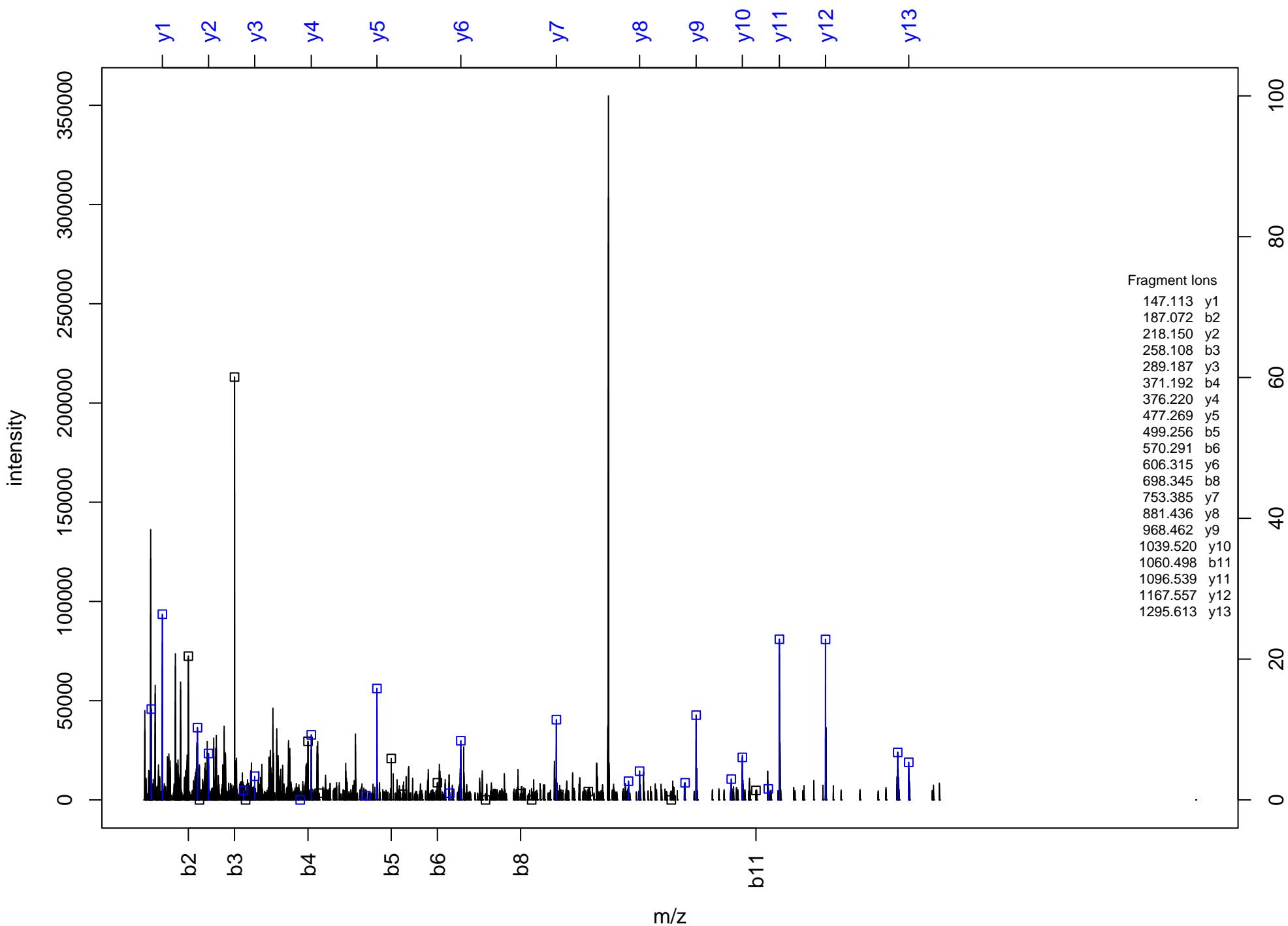
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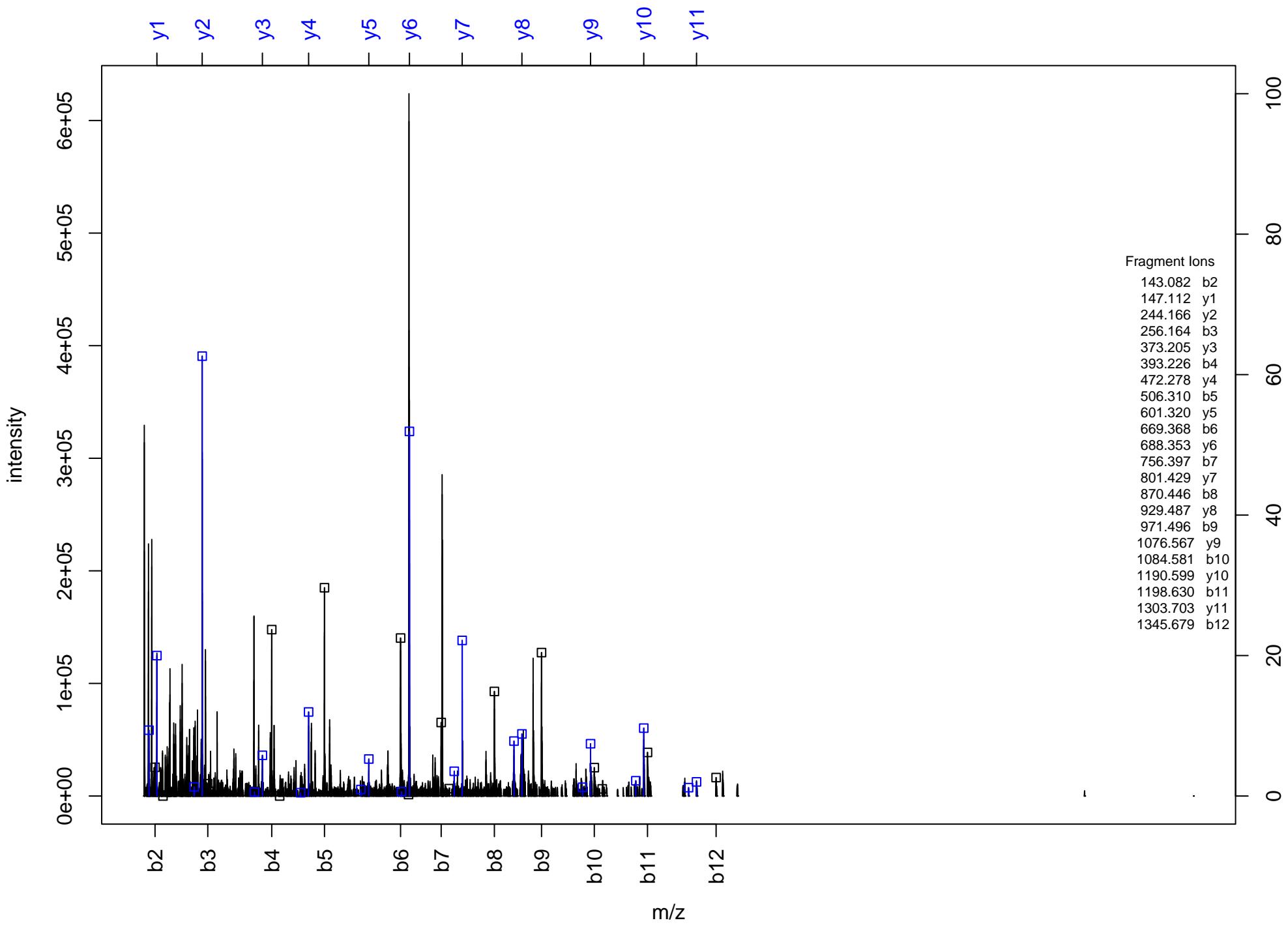
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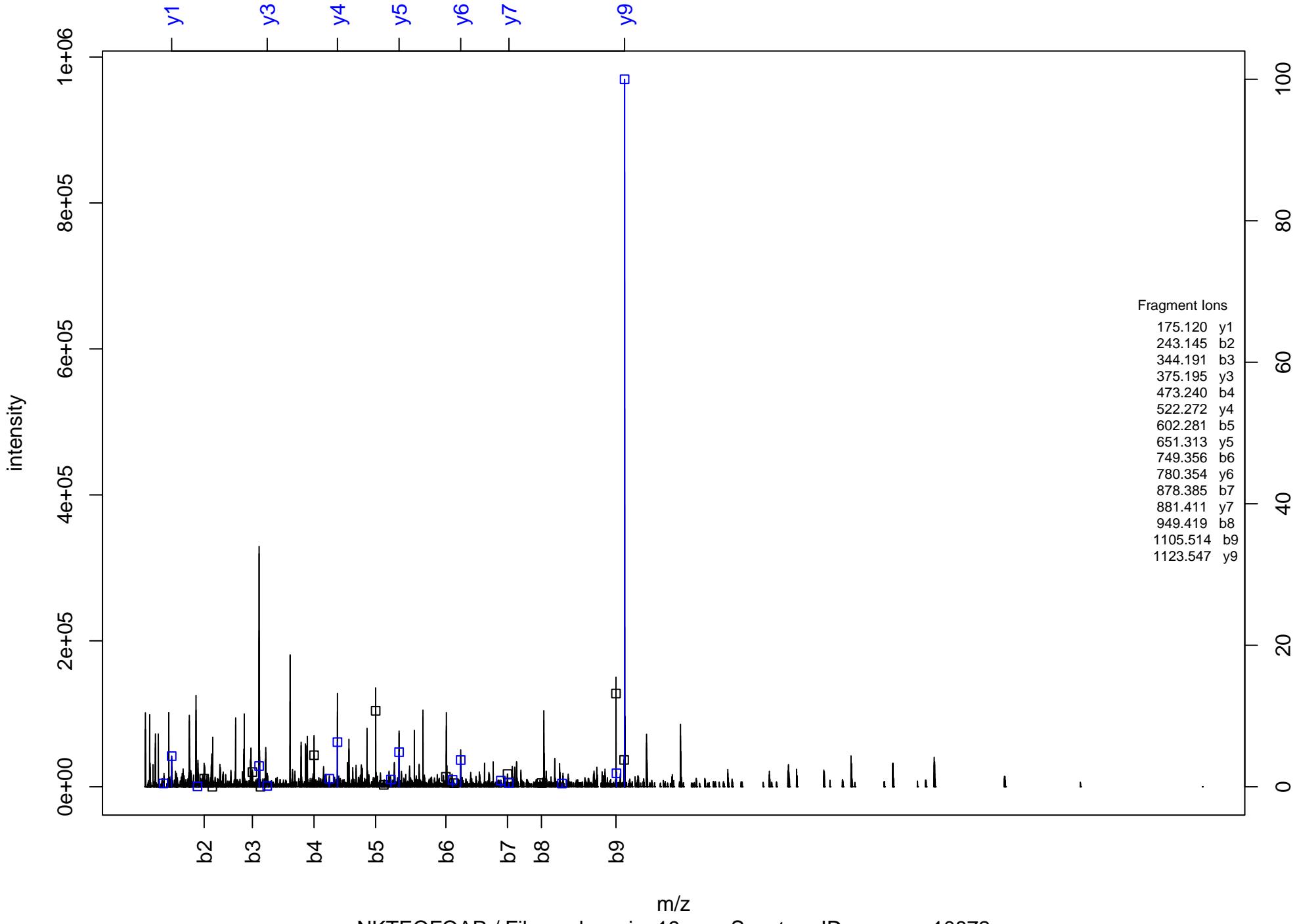
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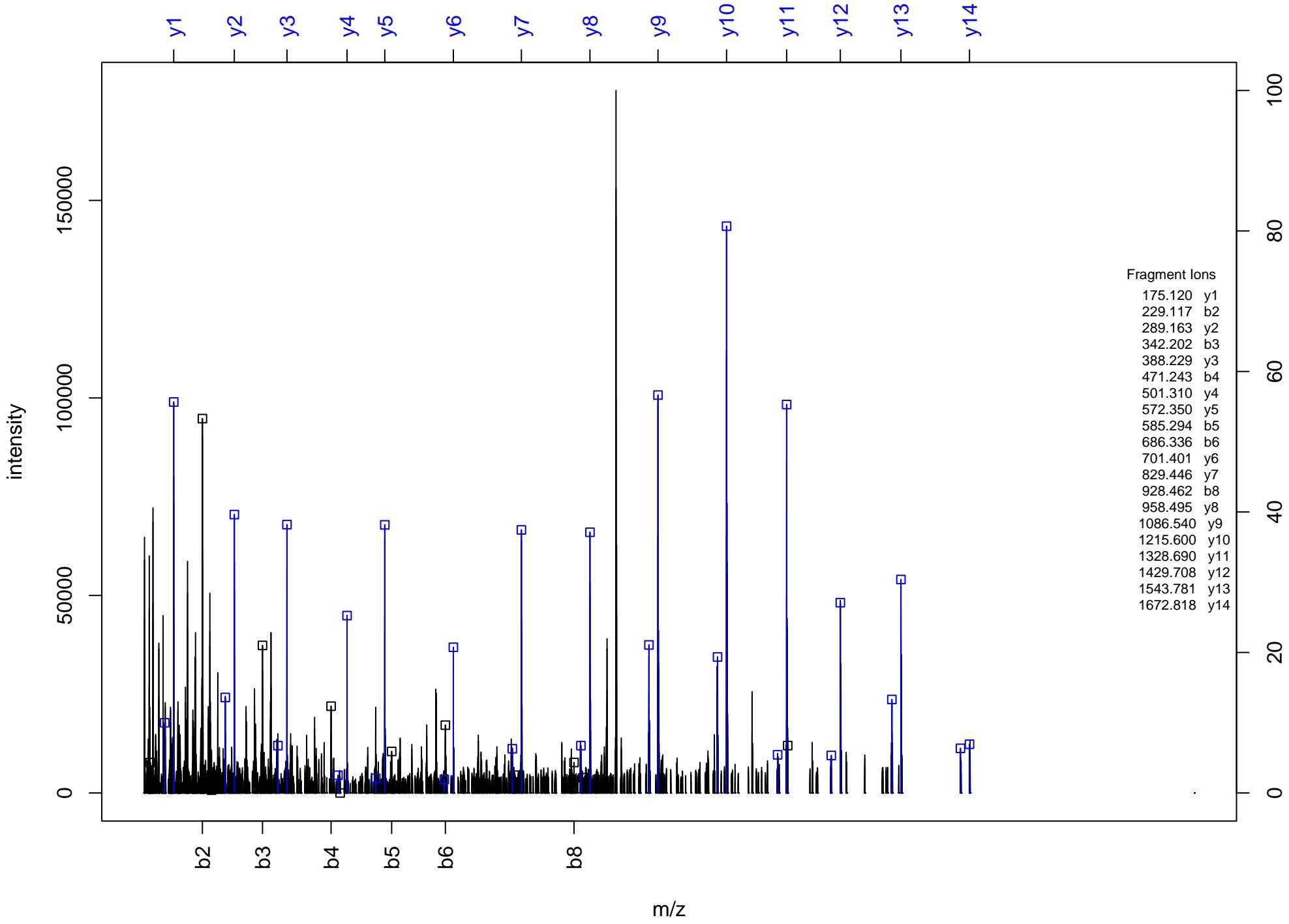
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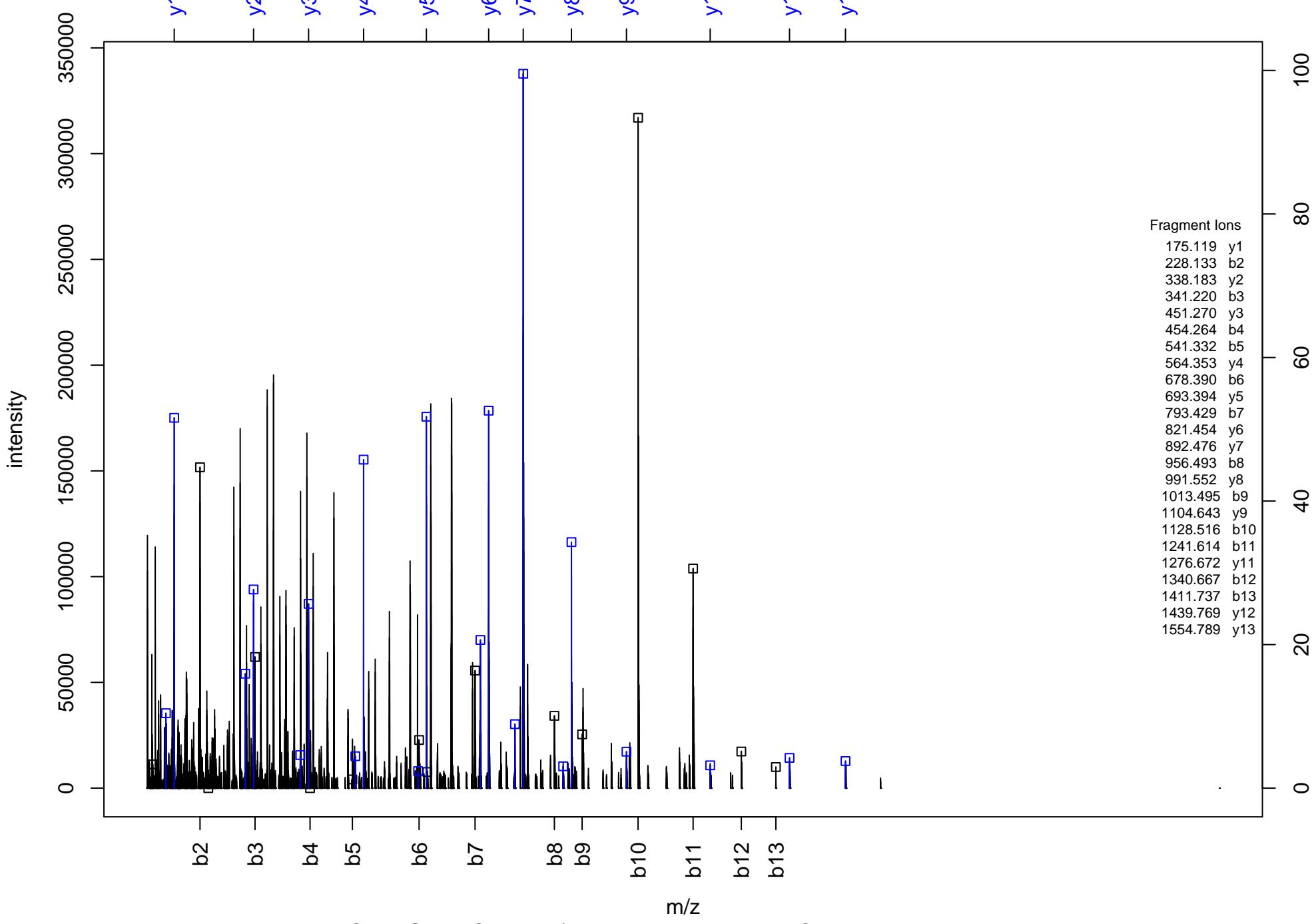
NKTEQ^FQ^AR



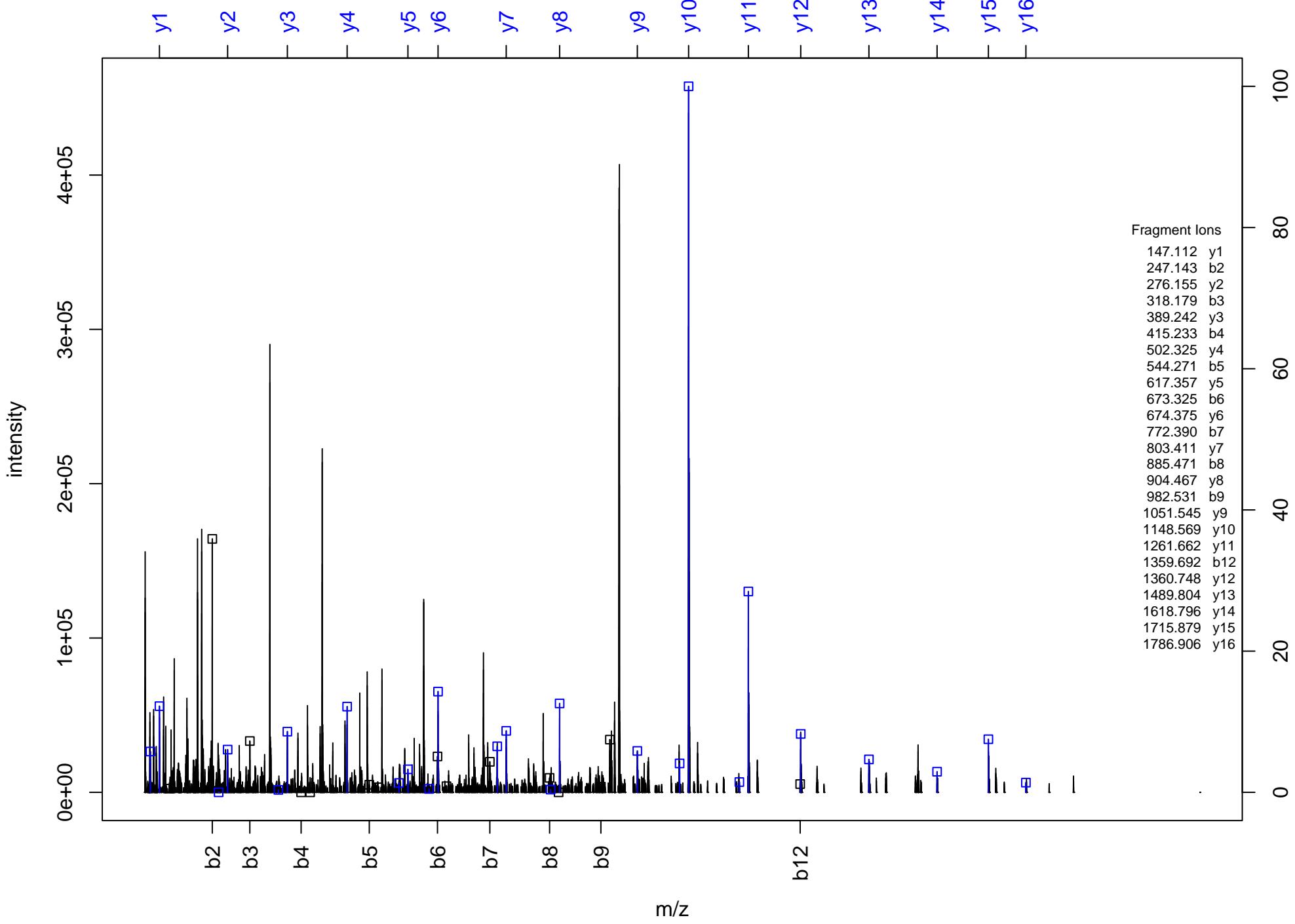
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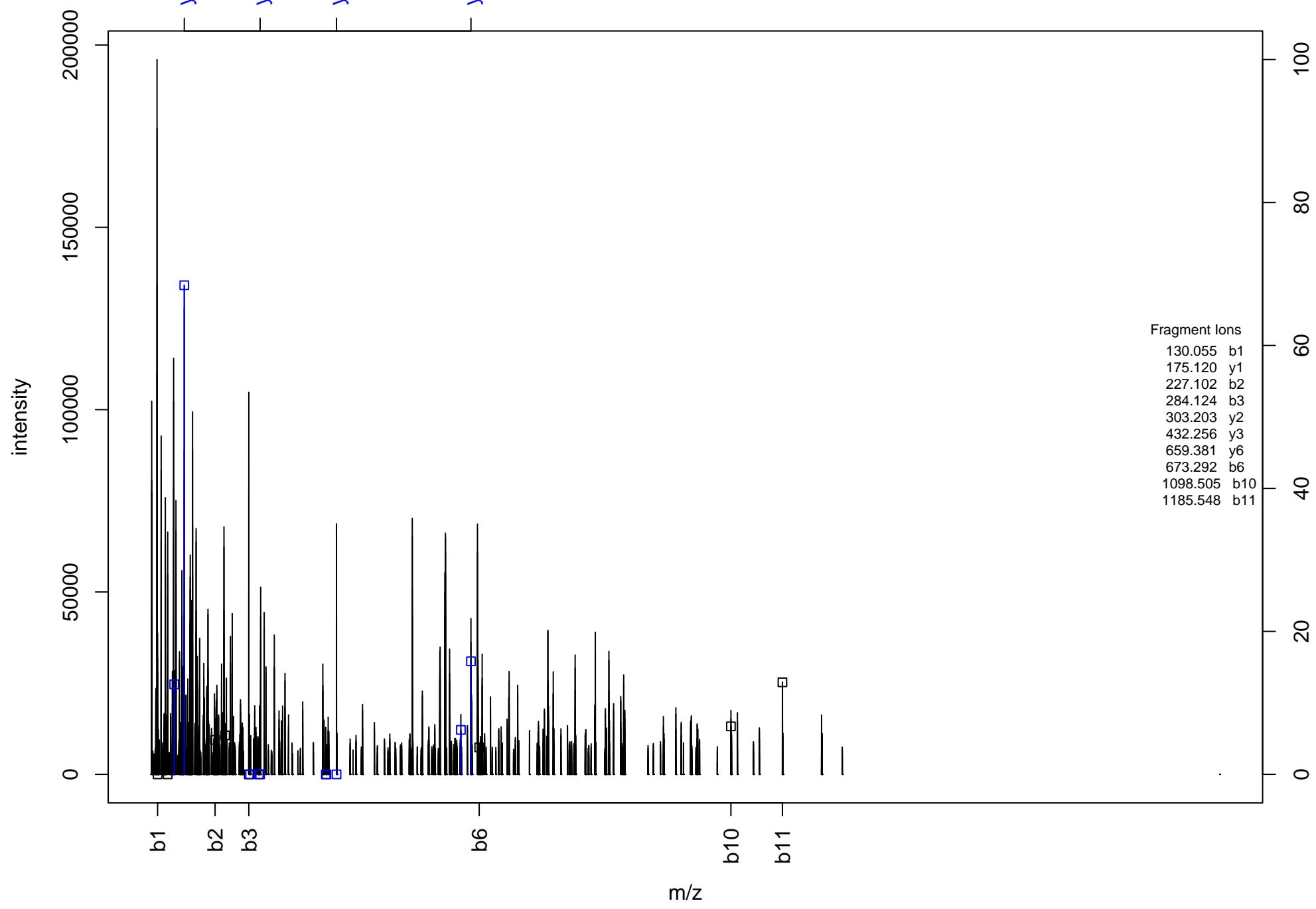
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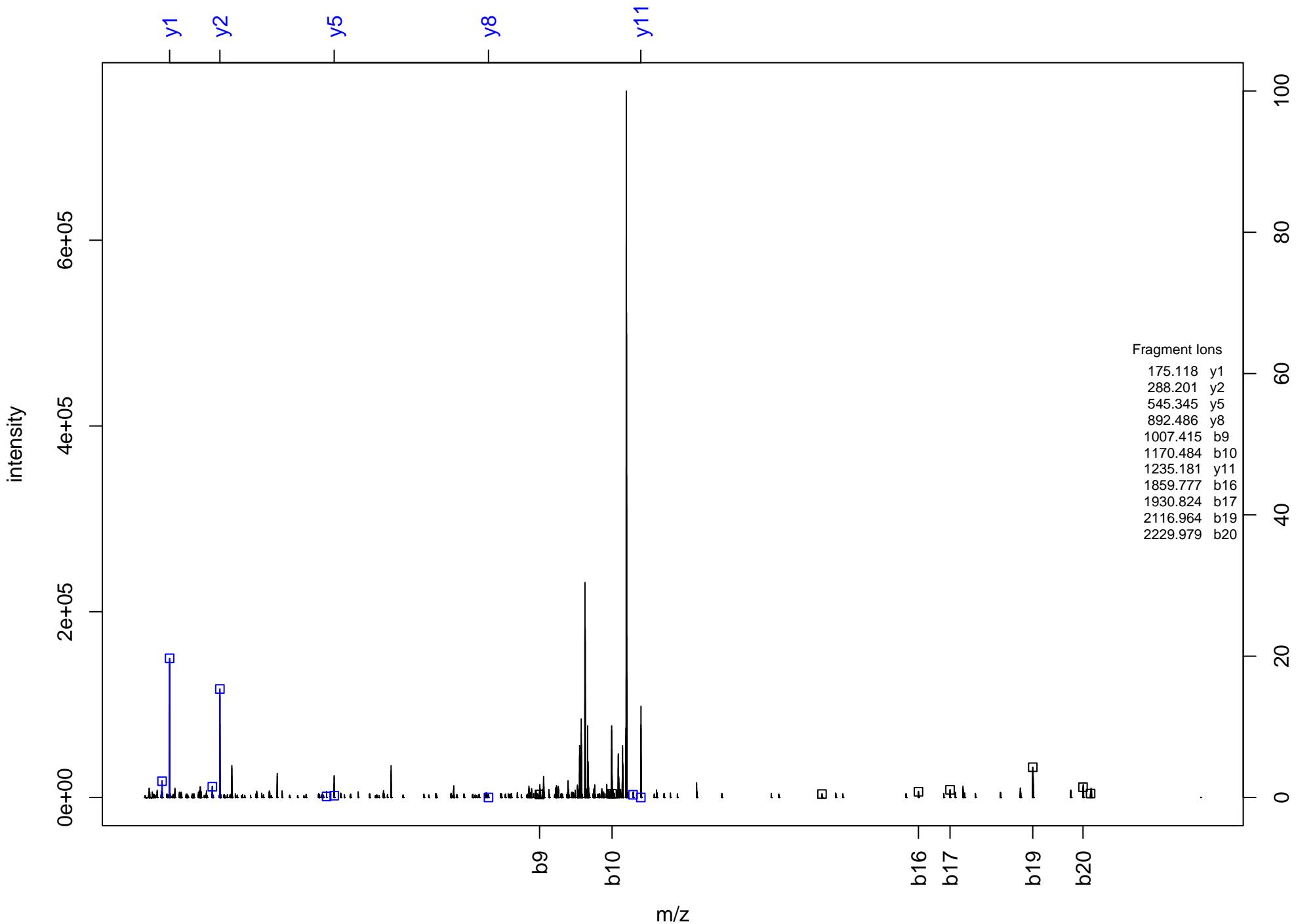
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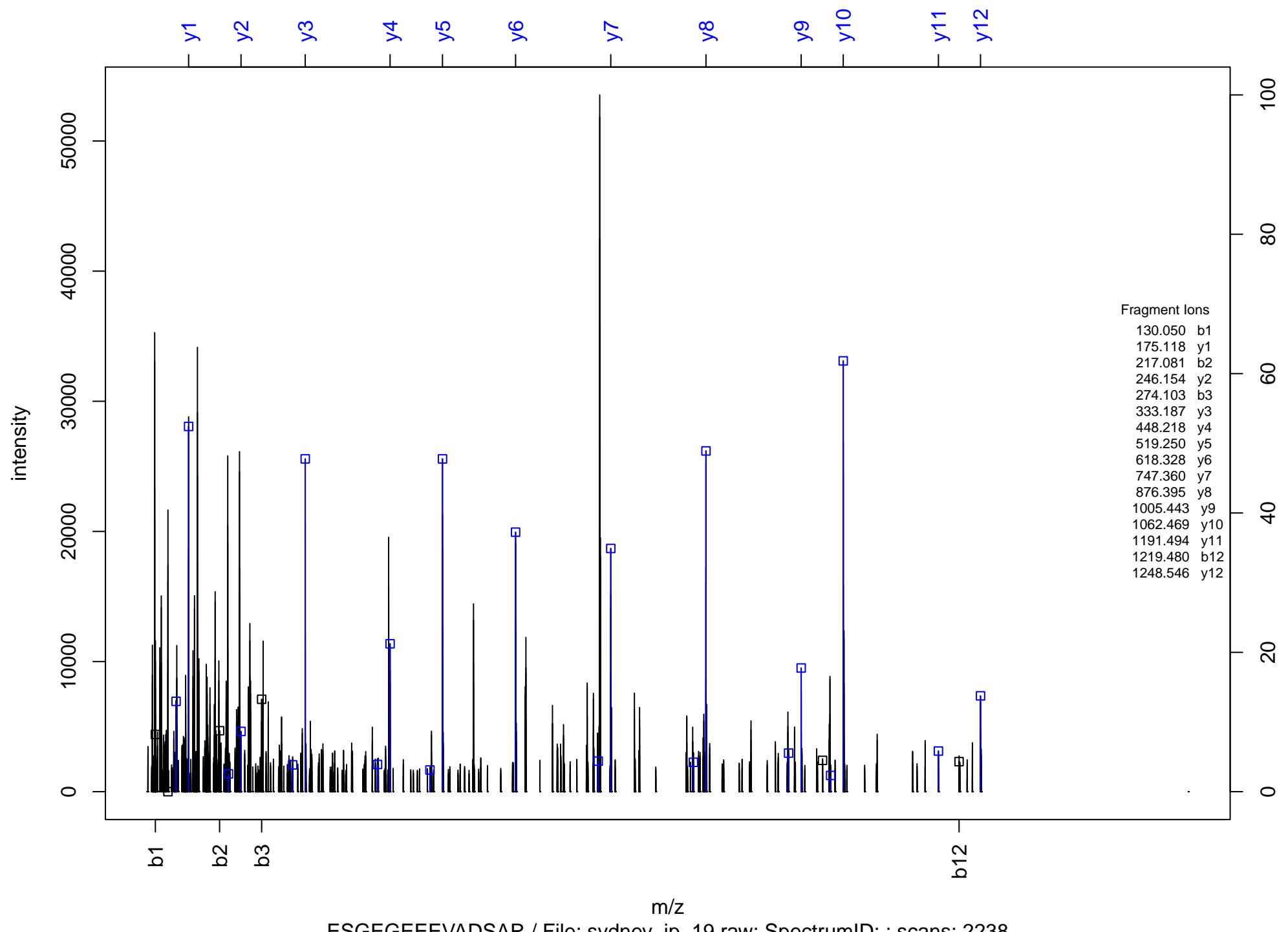
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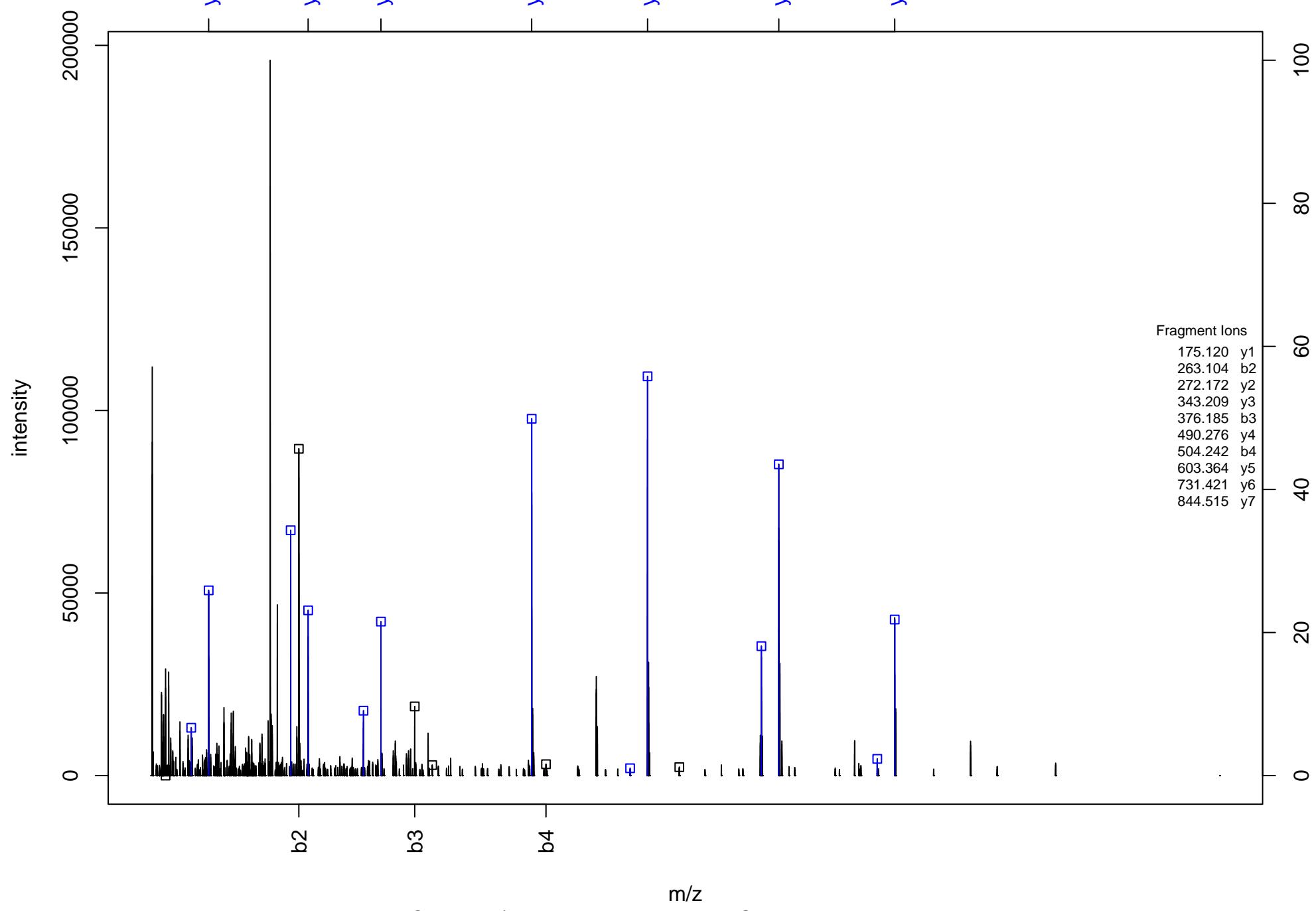


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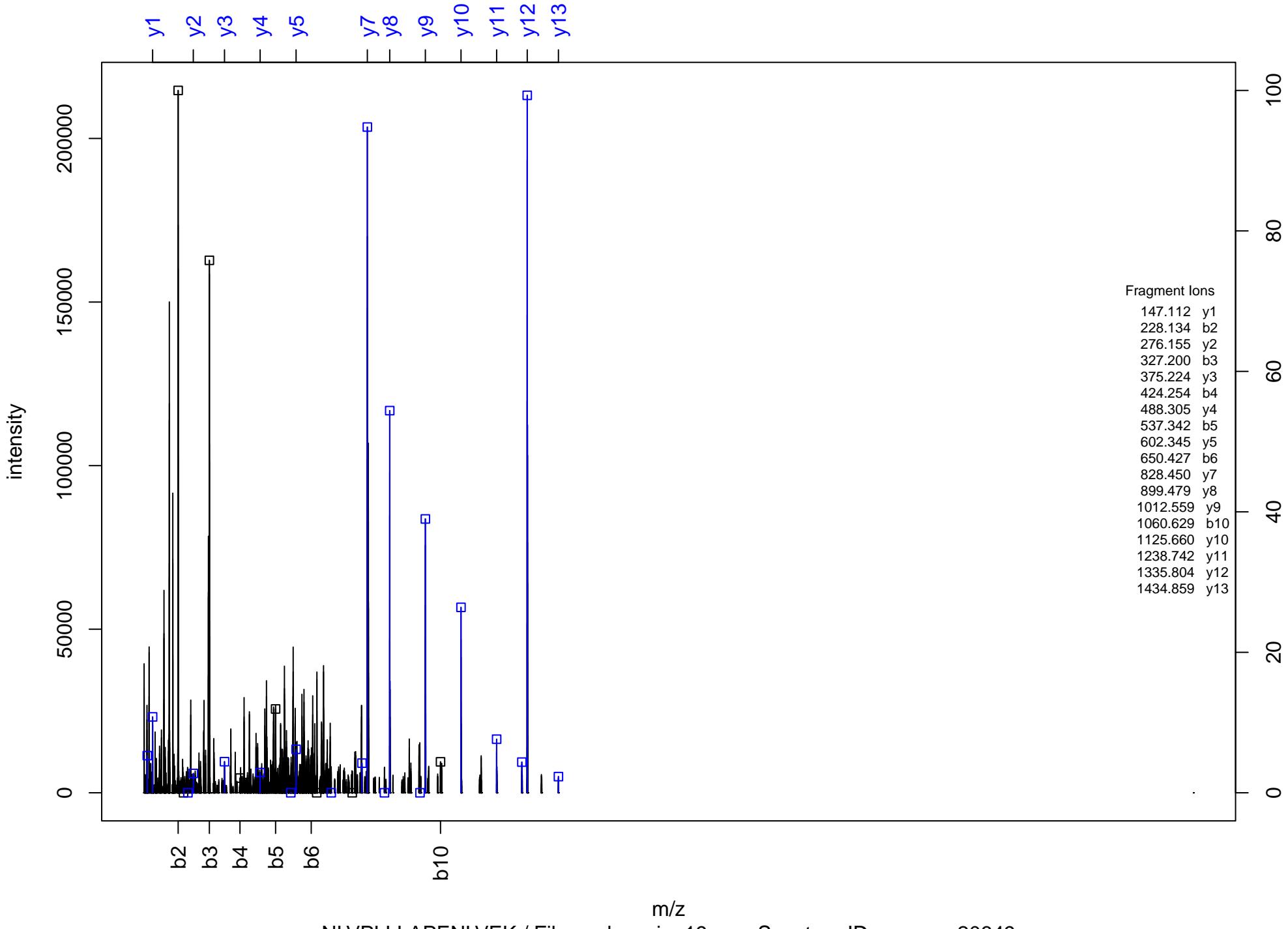


Fragment Ions	
130.050	b1
175.118	y1
217.081	b2
246.154	y2
274.103	b3
333.187	y3
448.218	y4
519.250	y5
618.328	y6
747.360	y7
876.395	y8
1005.443	y9
1062.469	y10
1191.494	y11
1219.480	b12
1248.546	y12

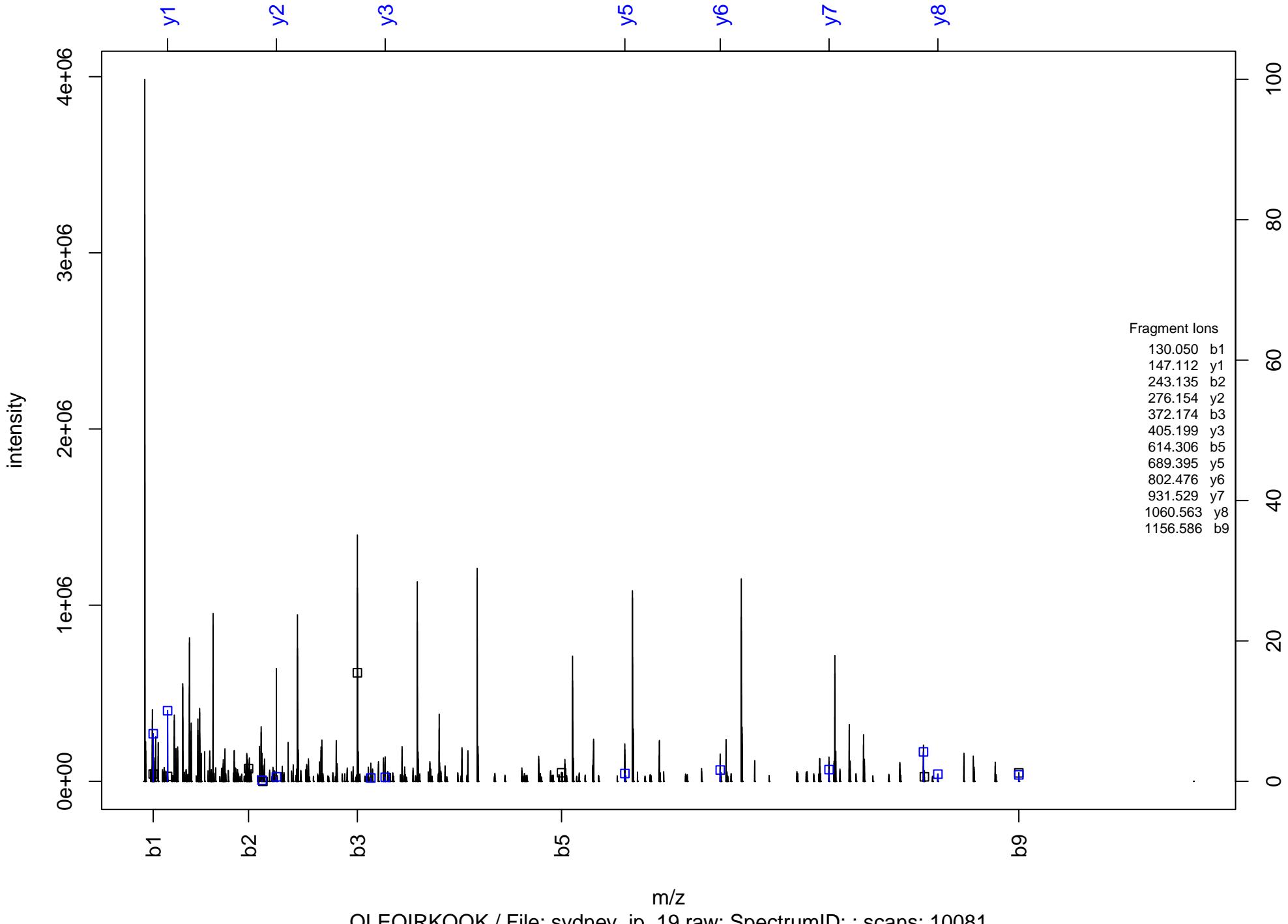
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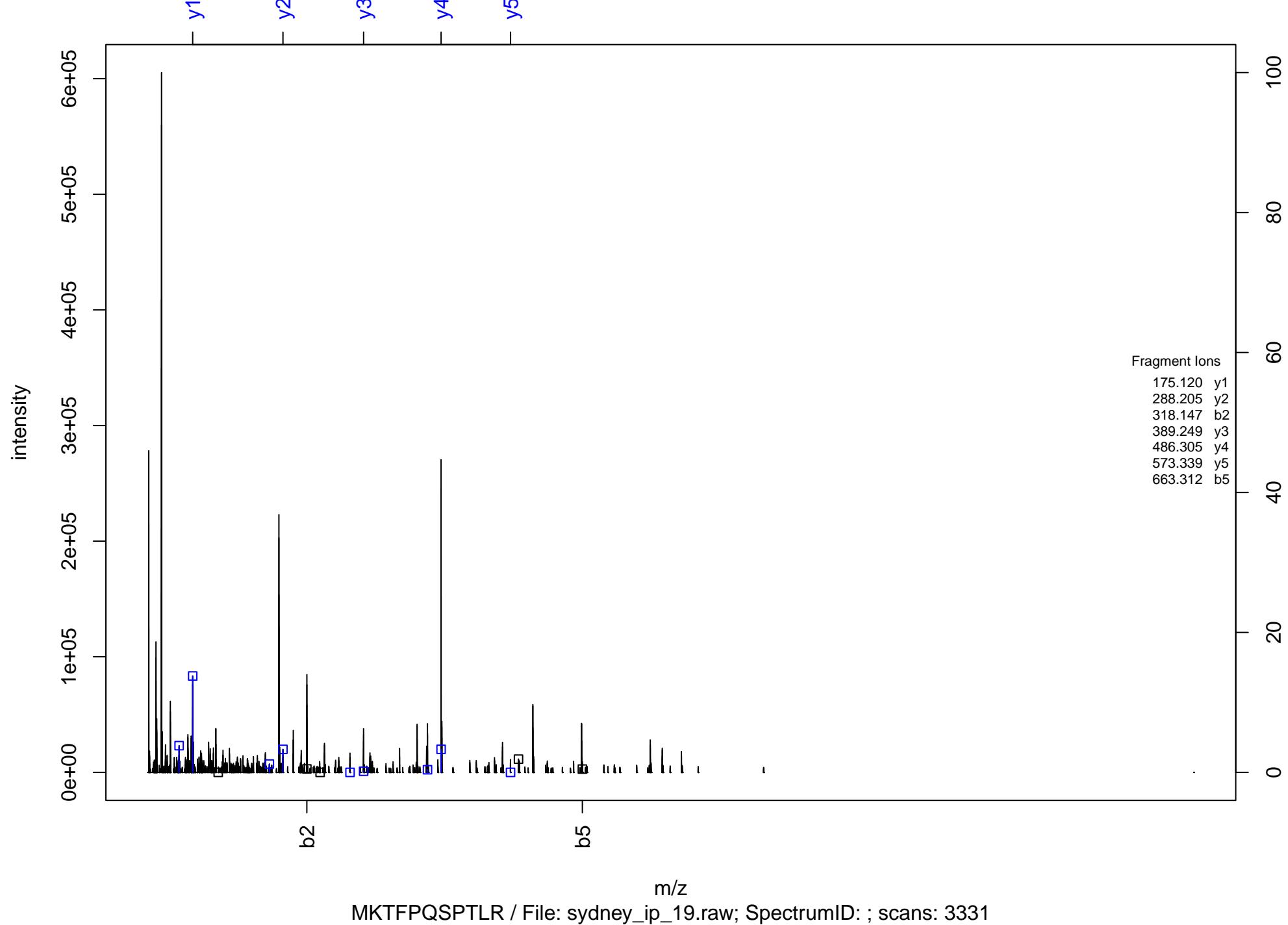
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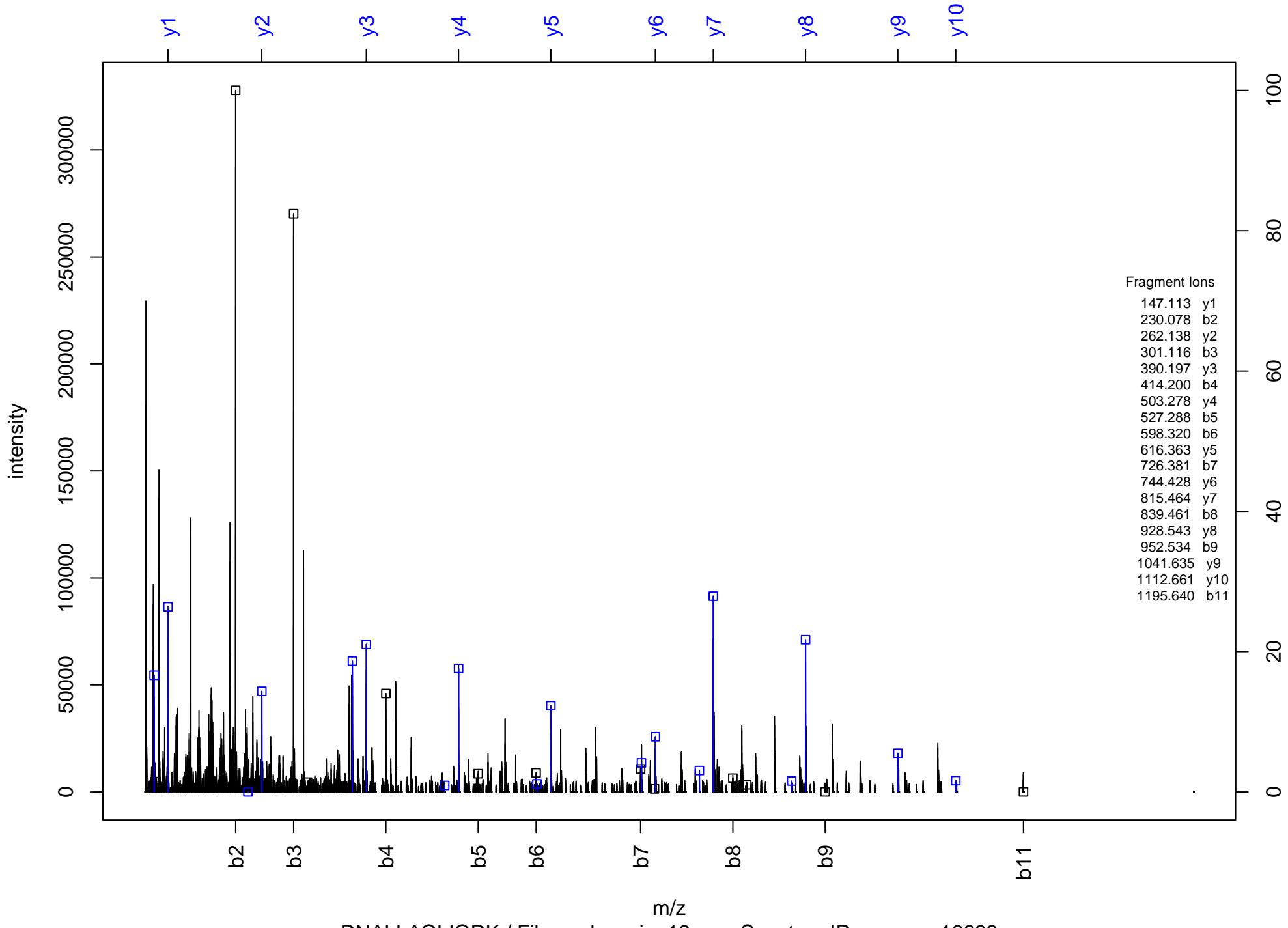
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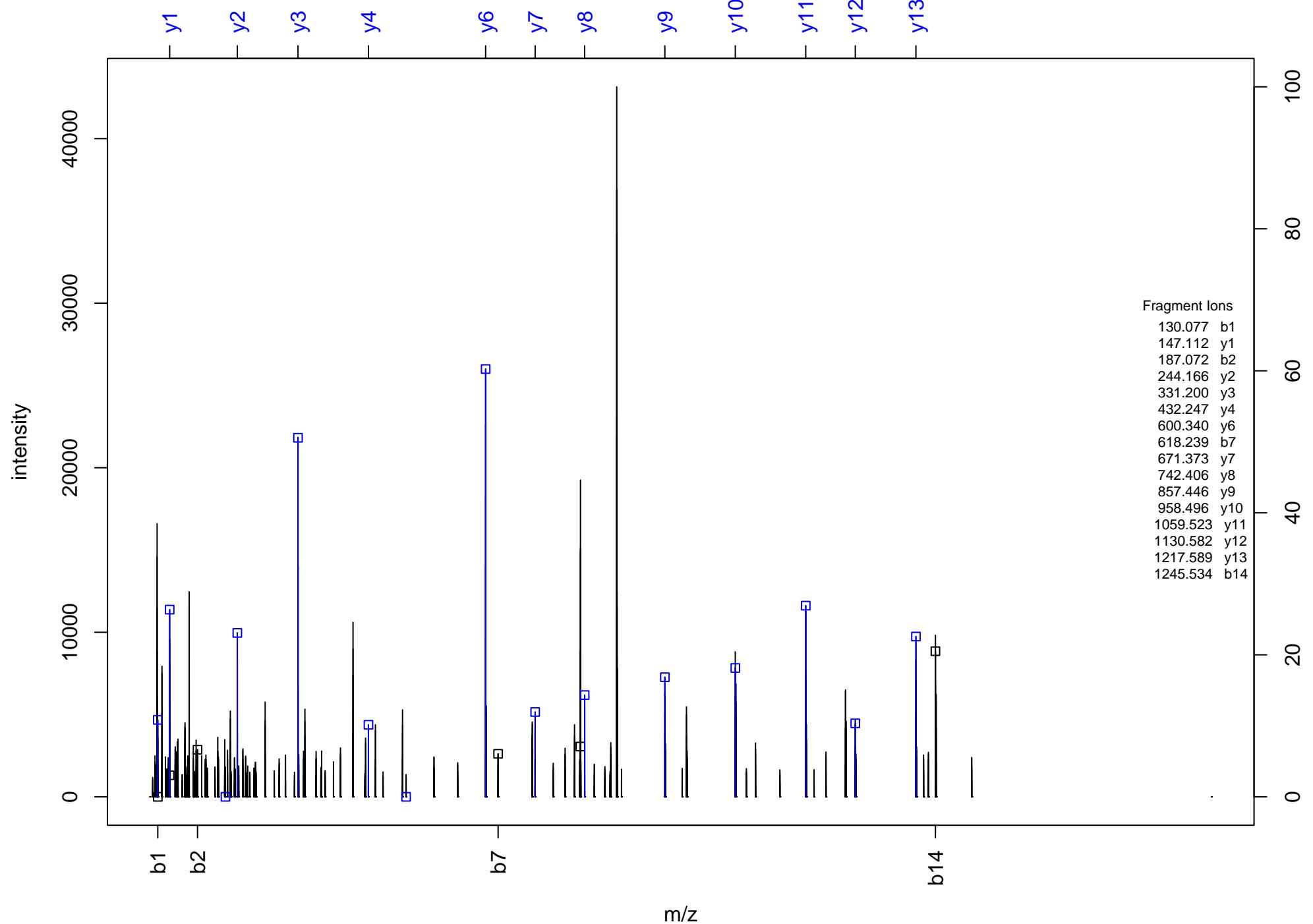
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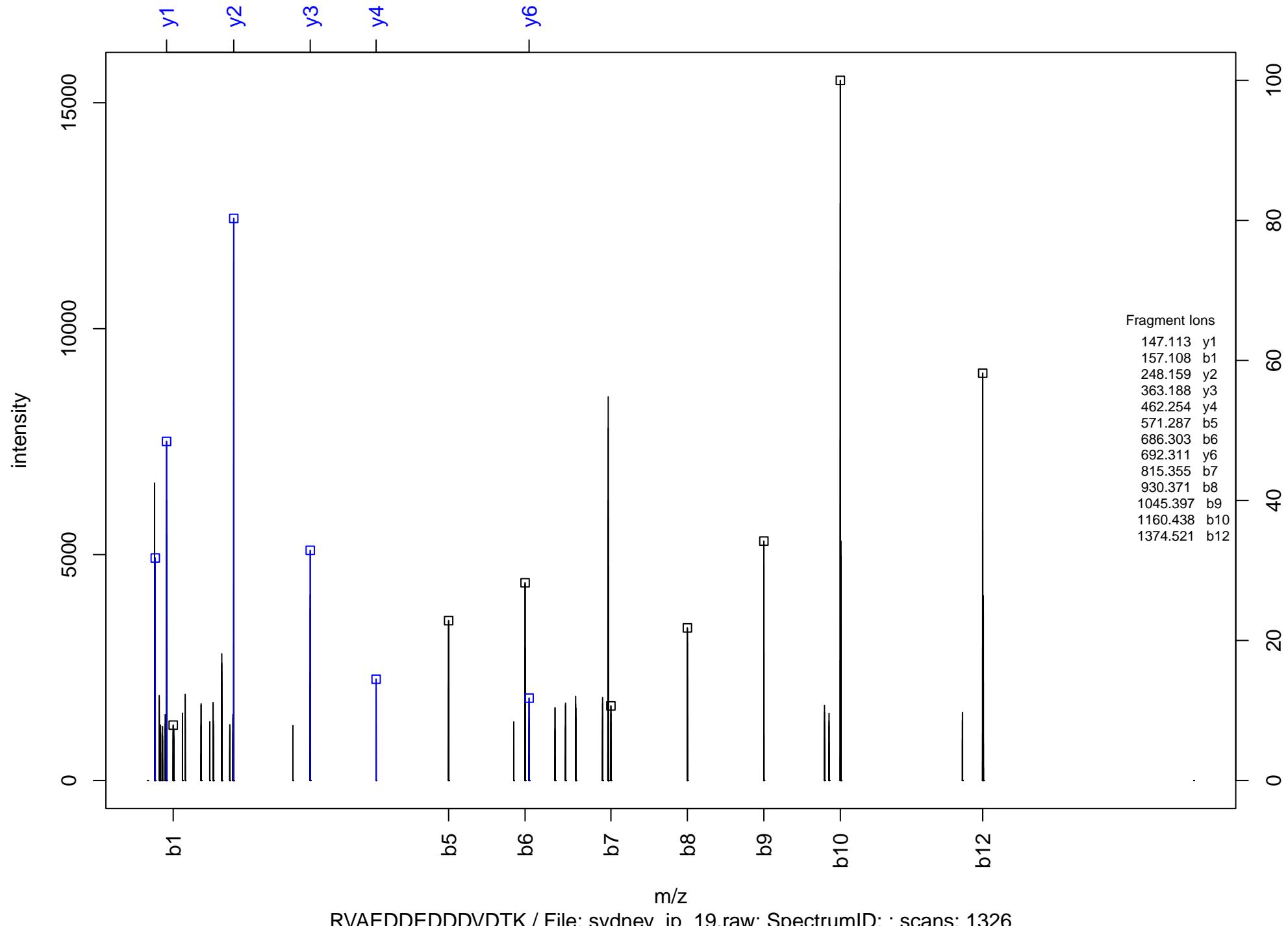
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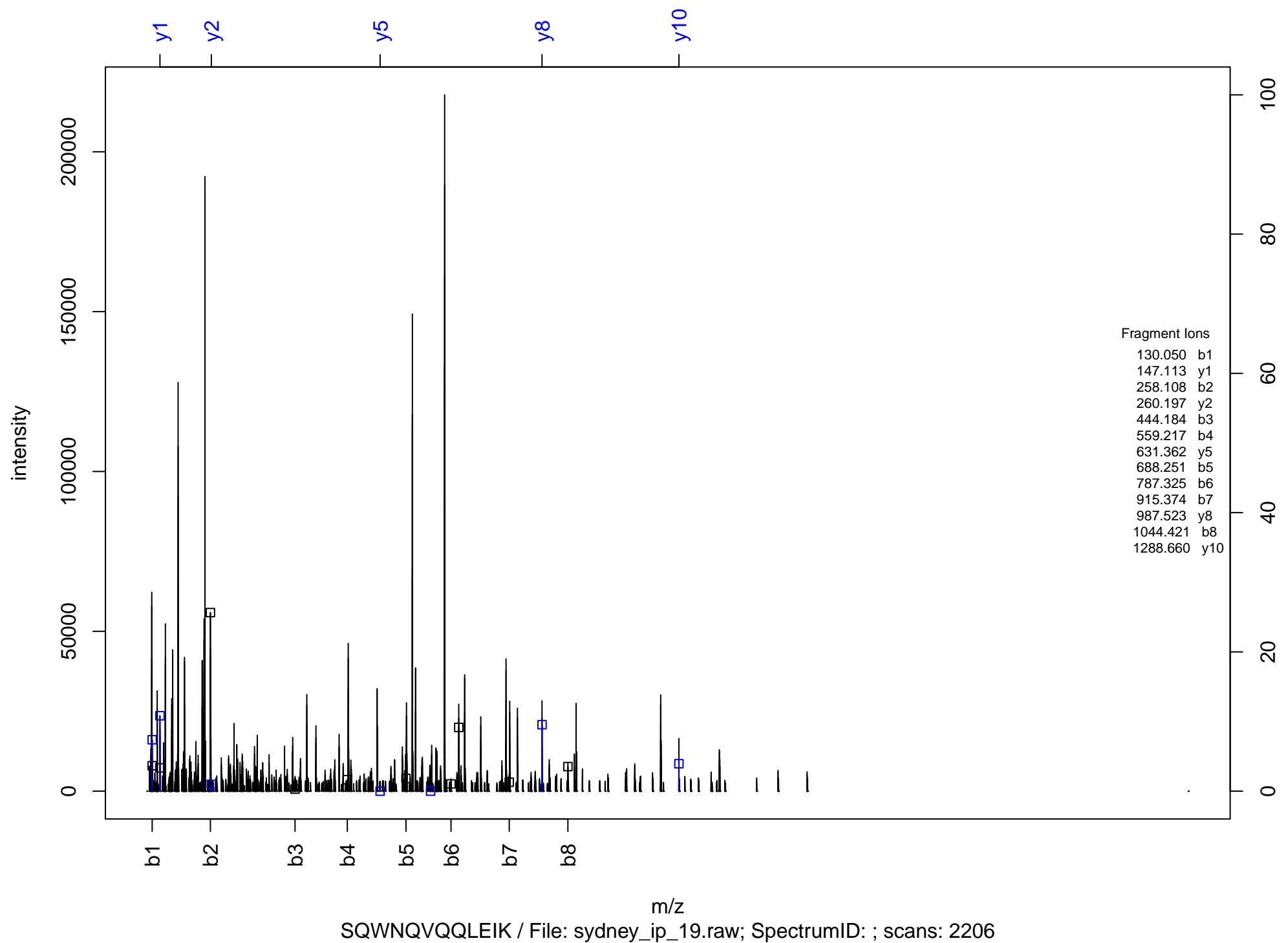
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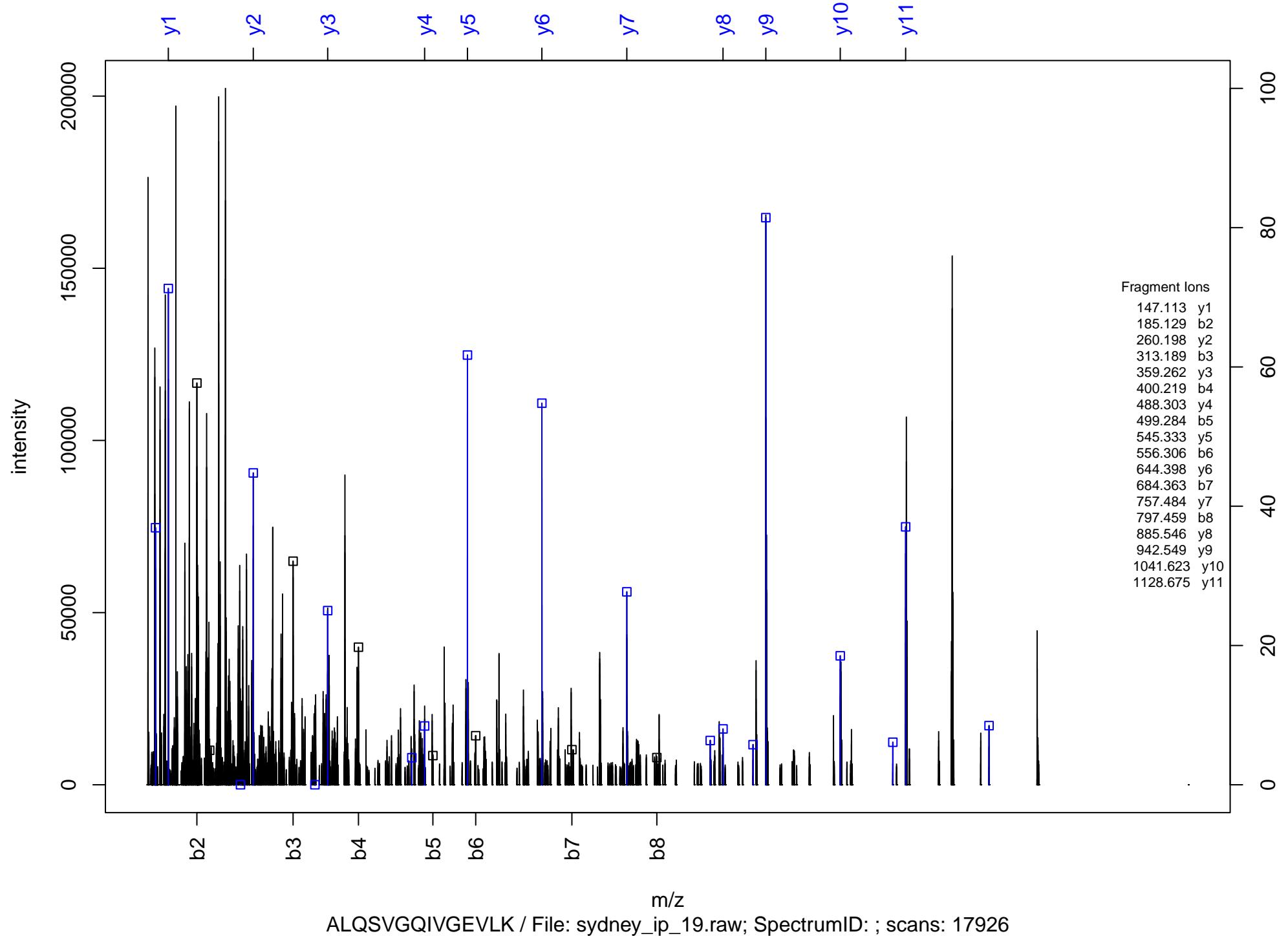
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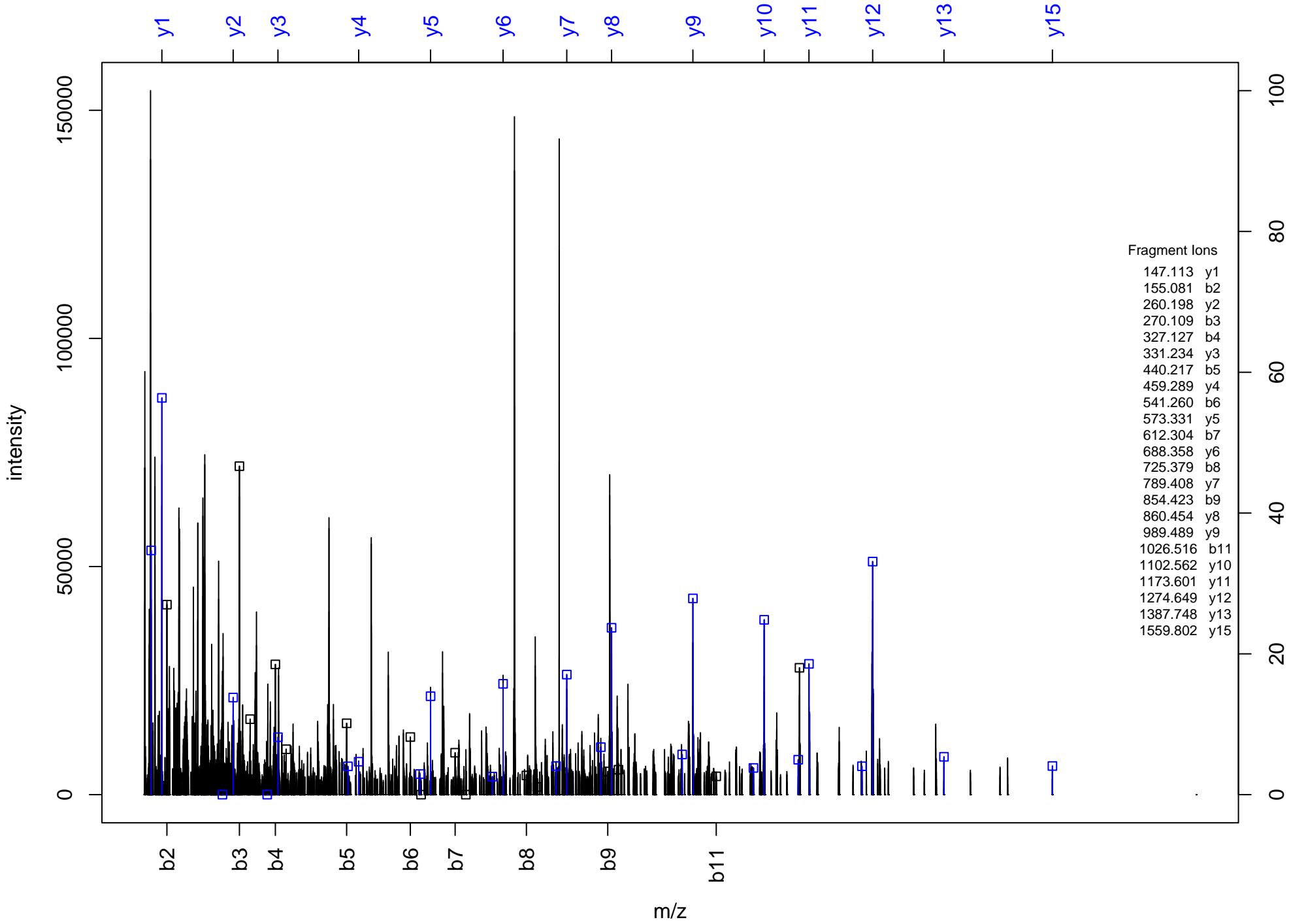
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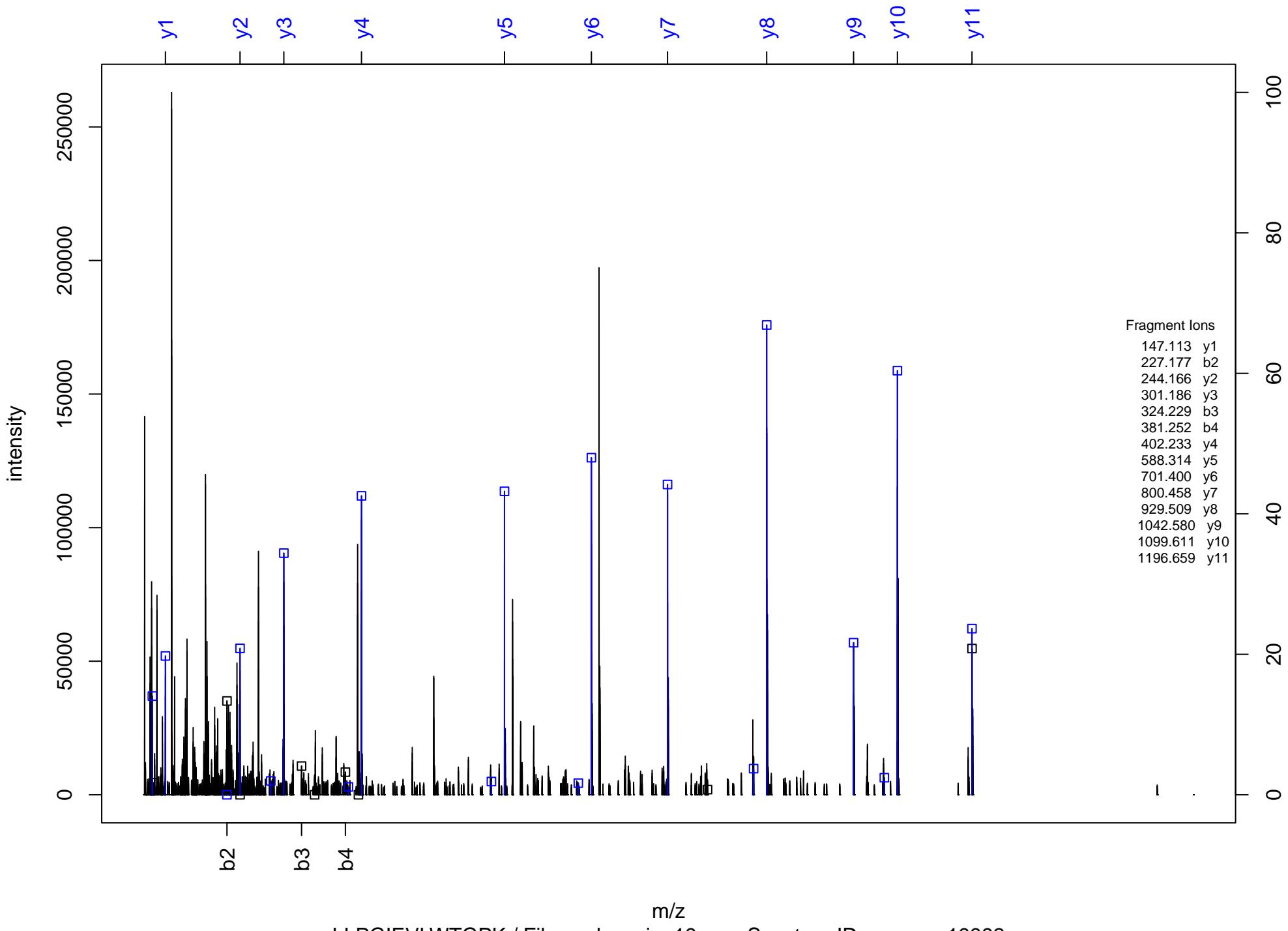
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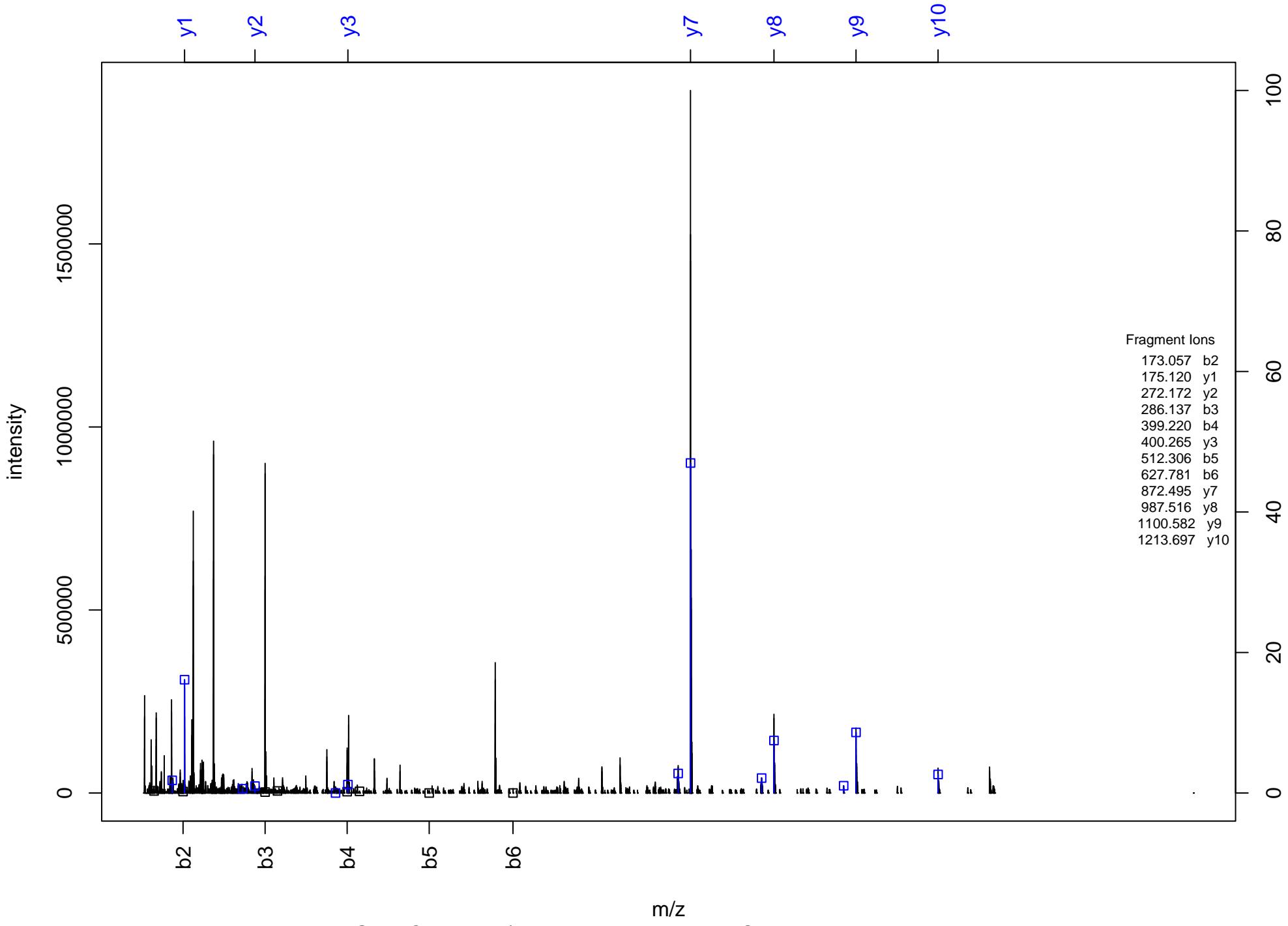
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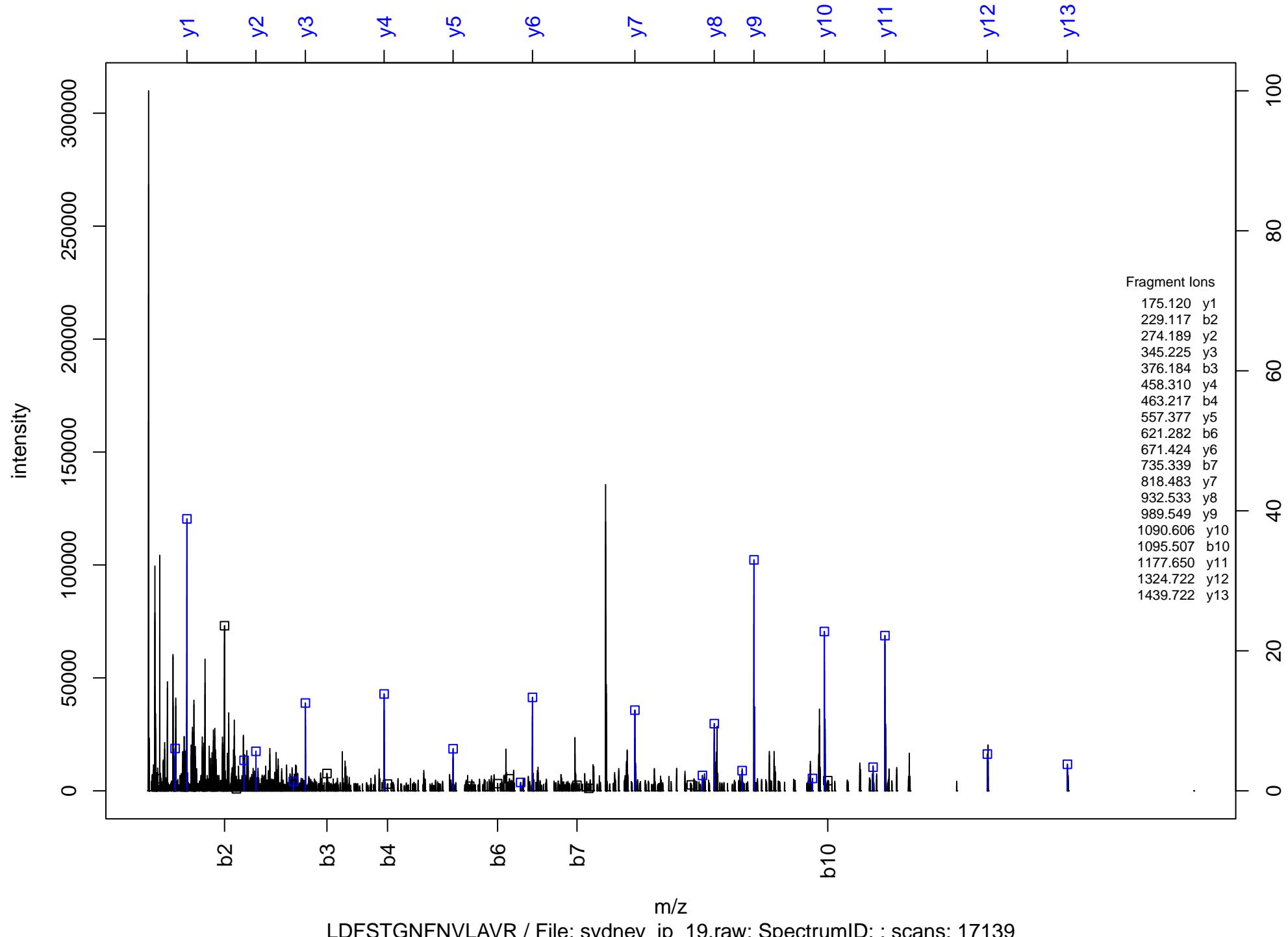
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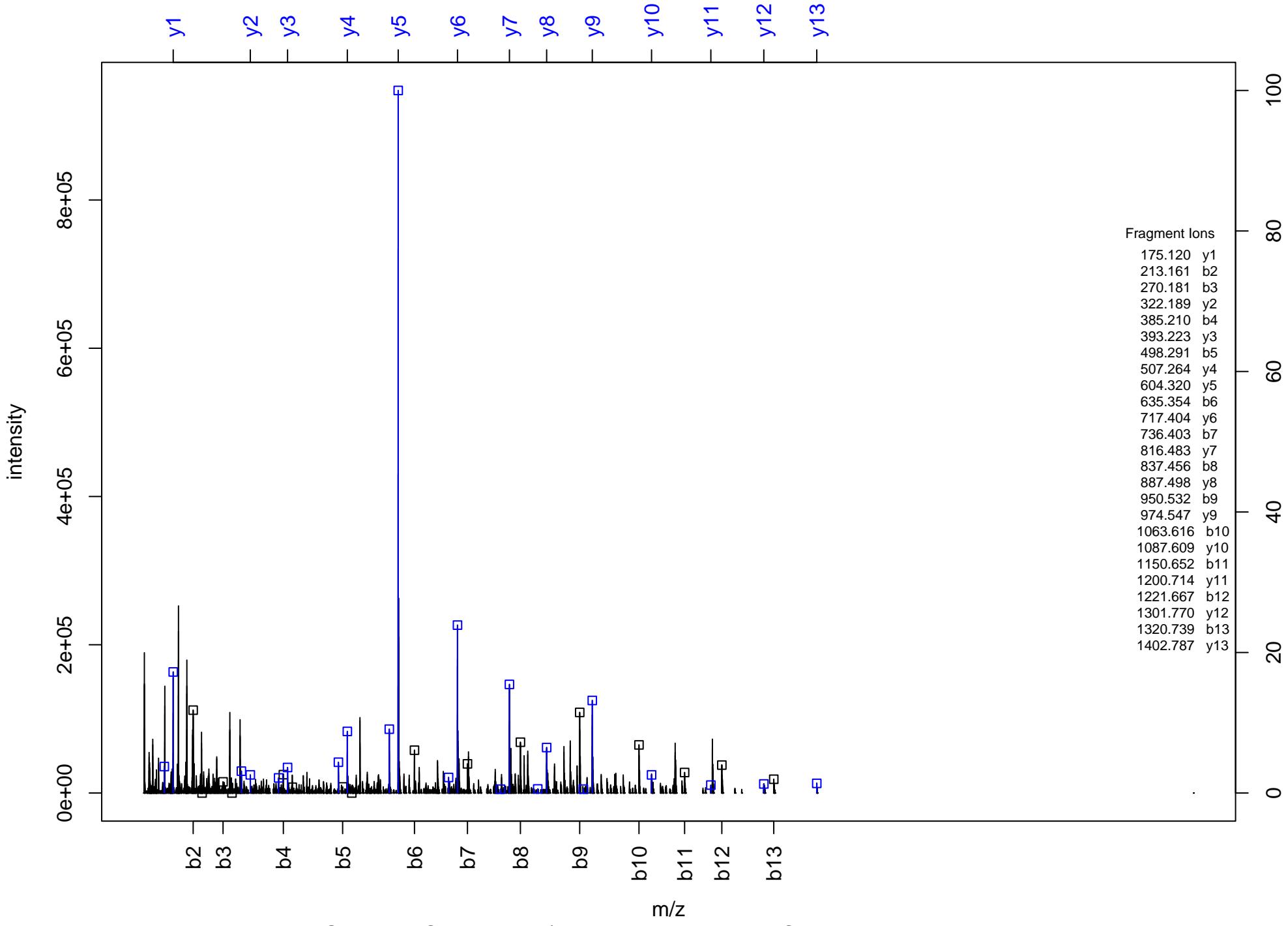
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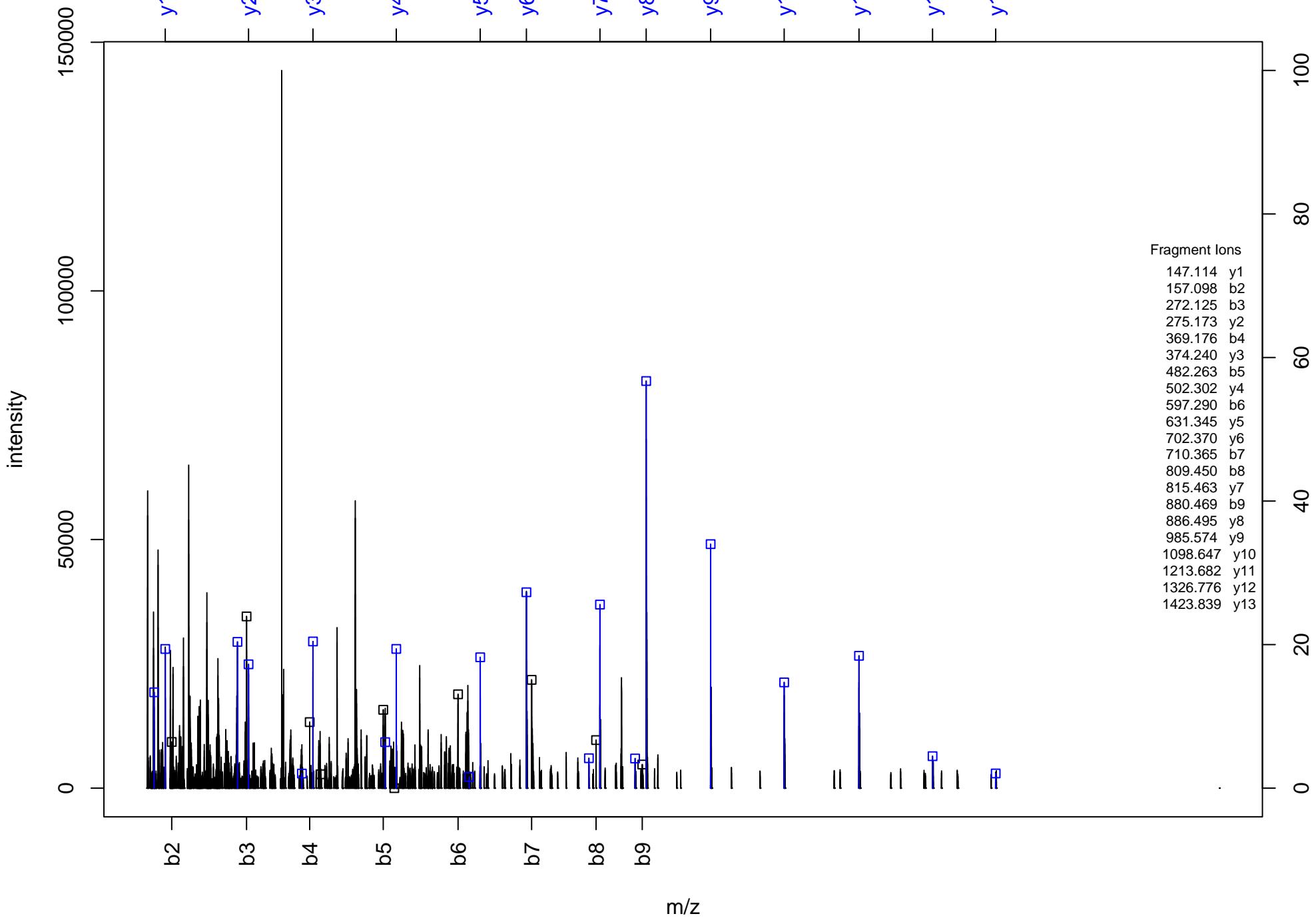


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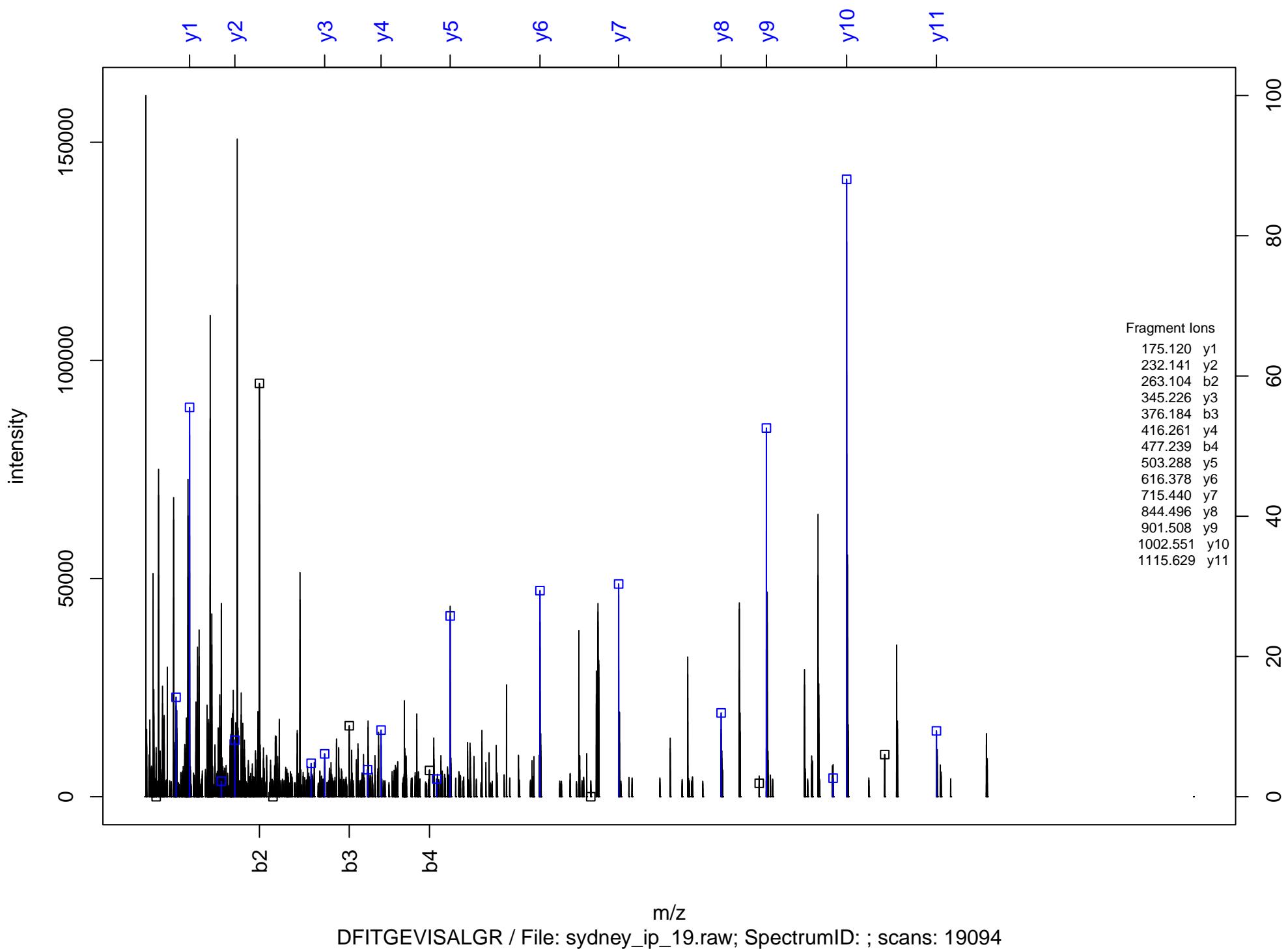


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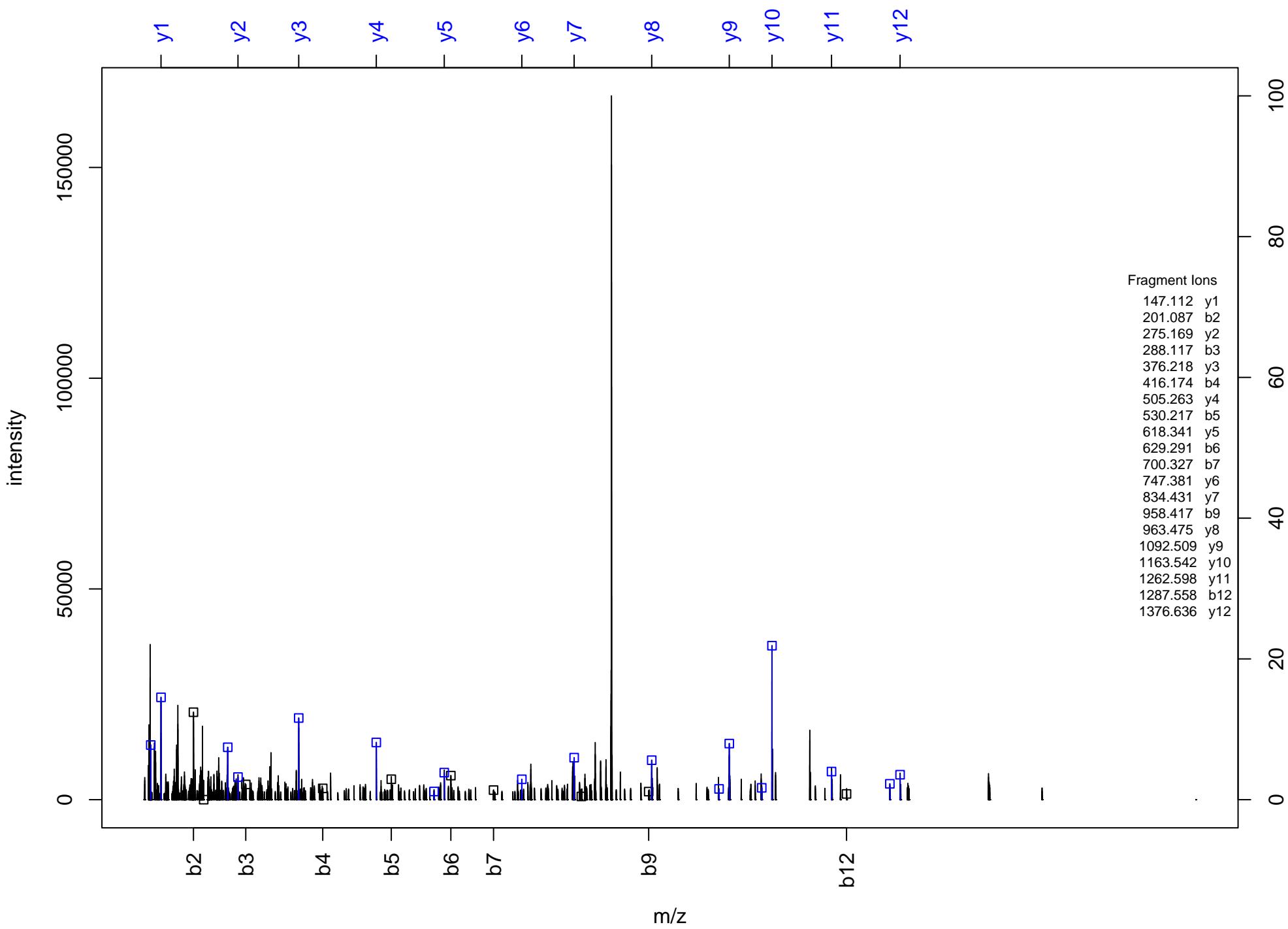
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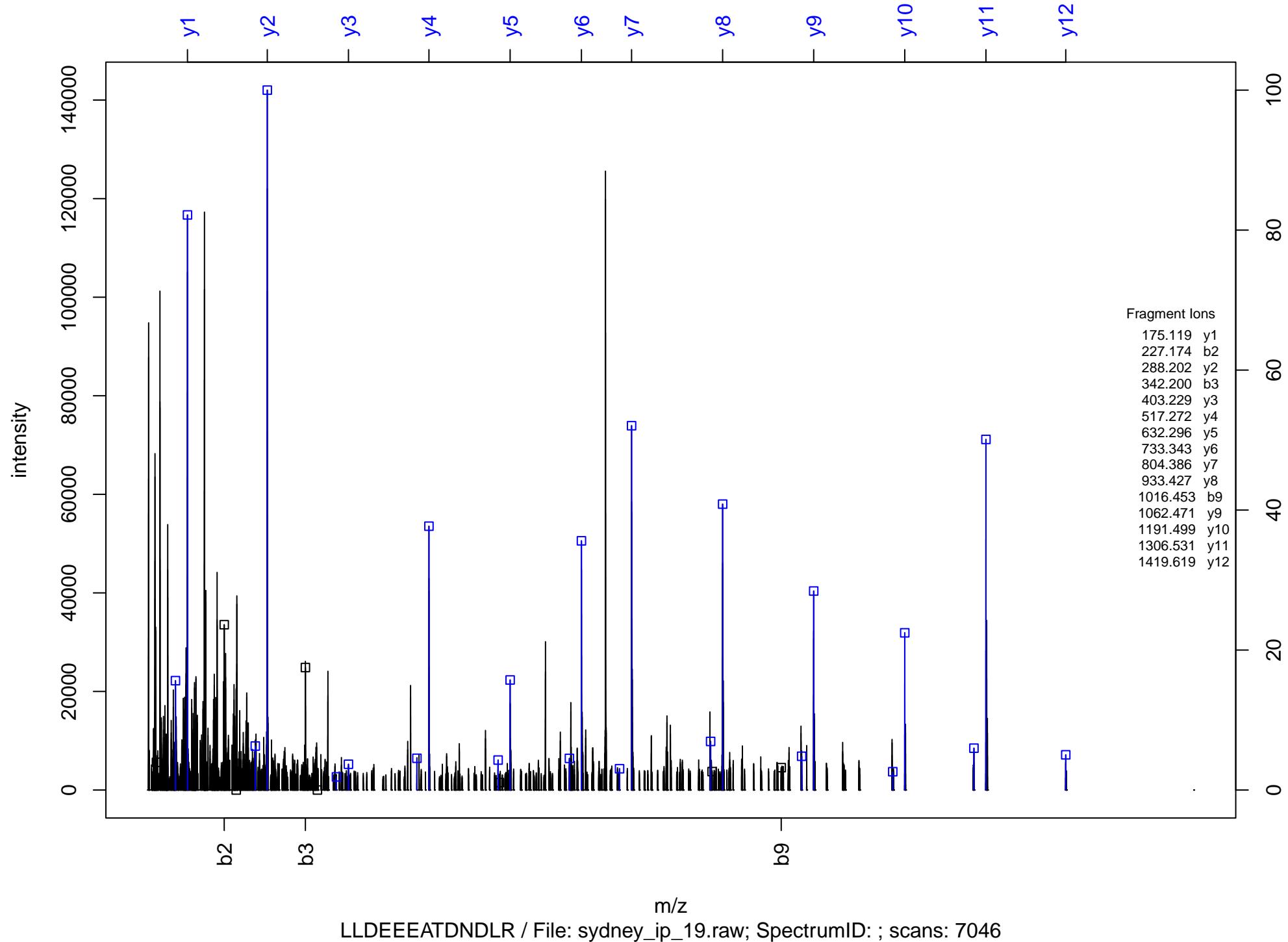
DFITGEVISALGR



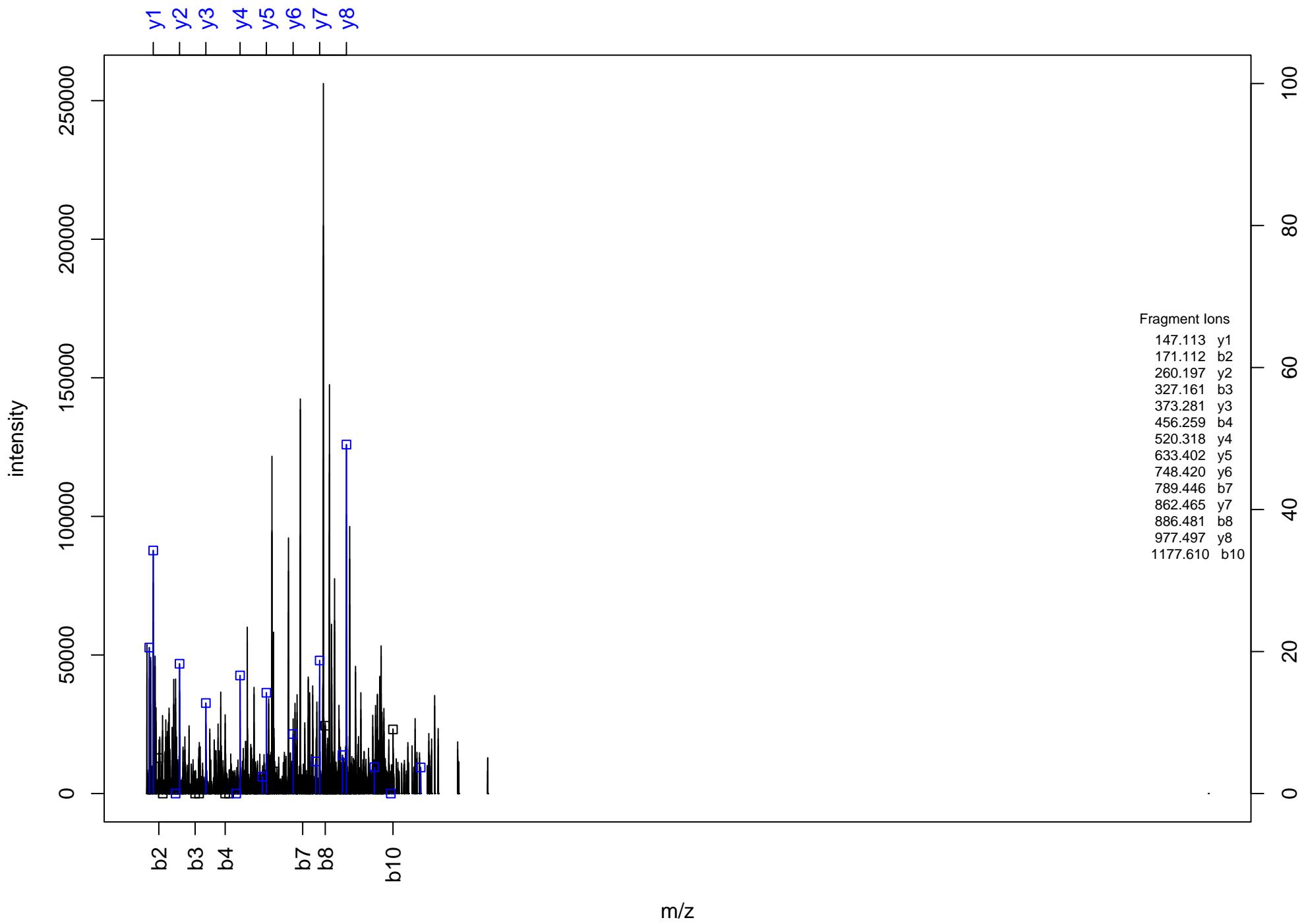
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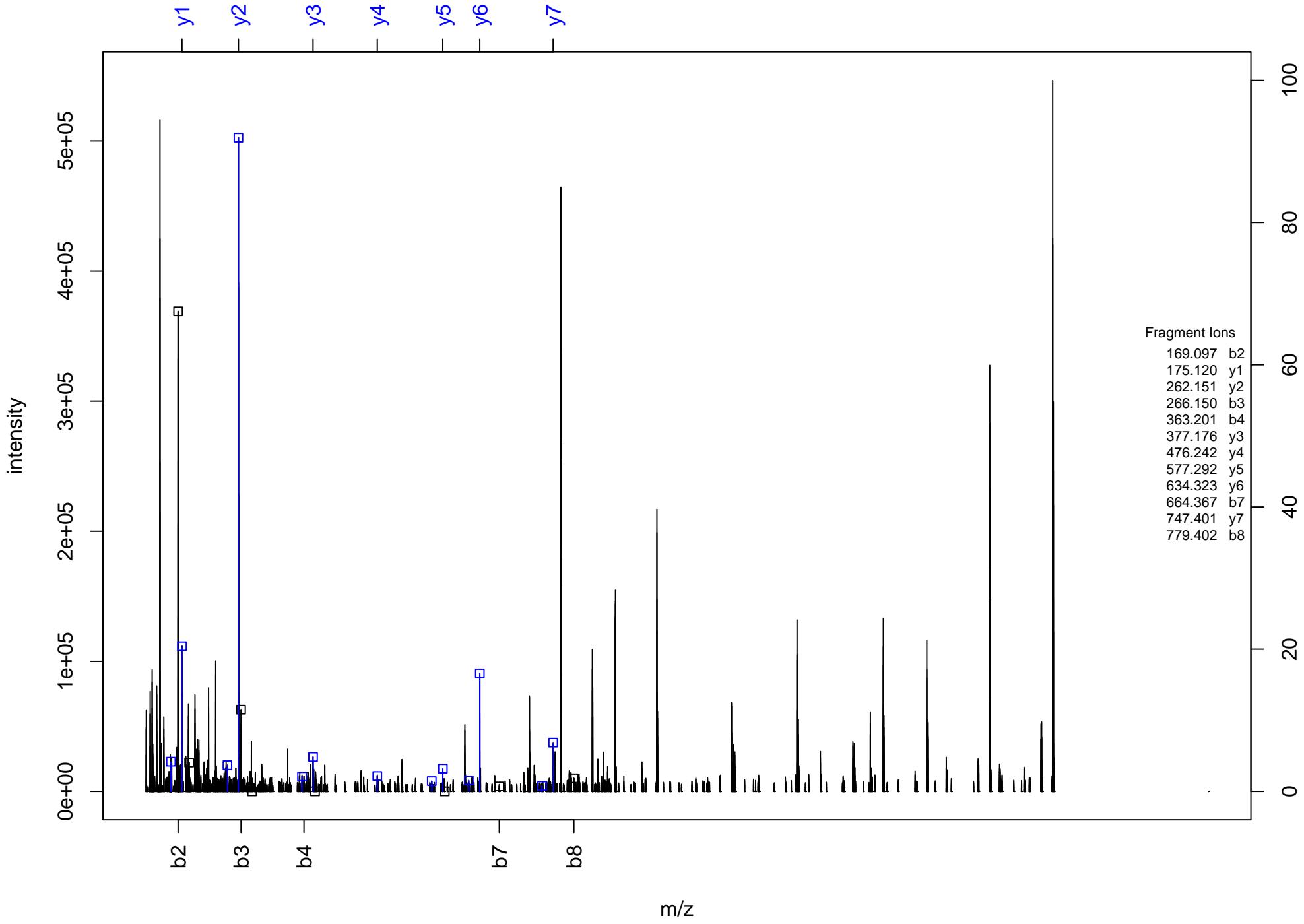
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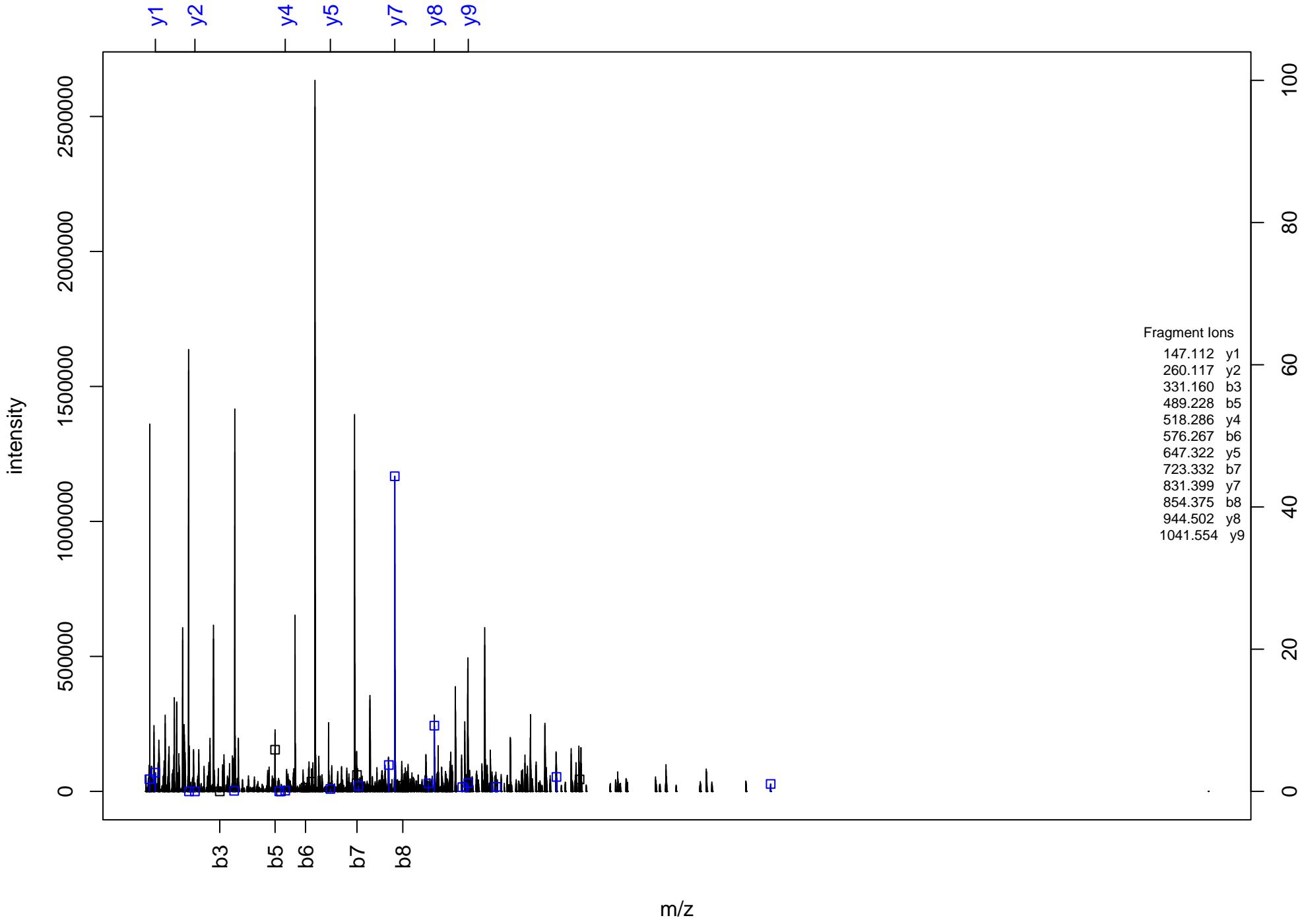
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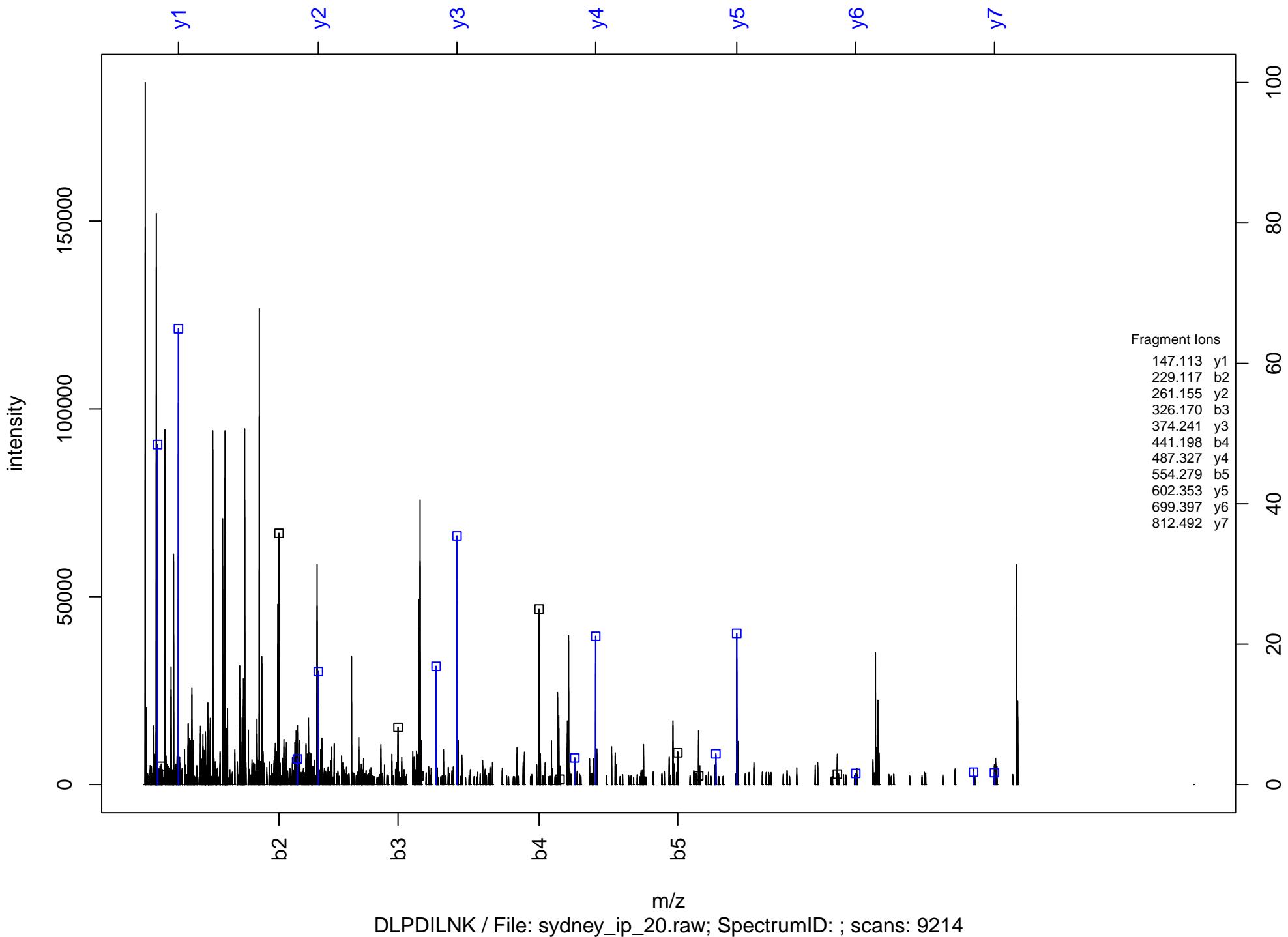
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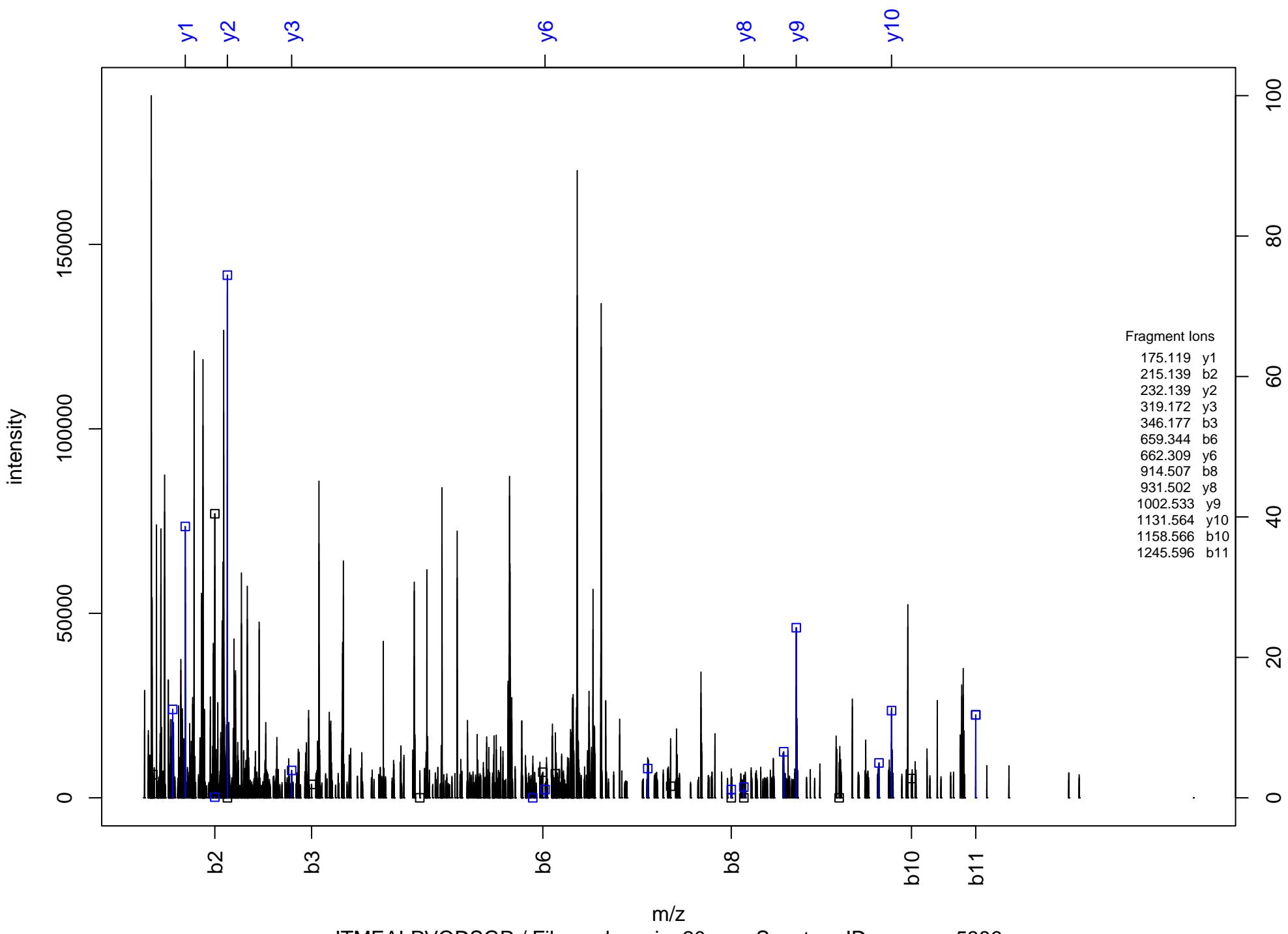
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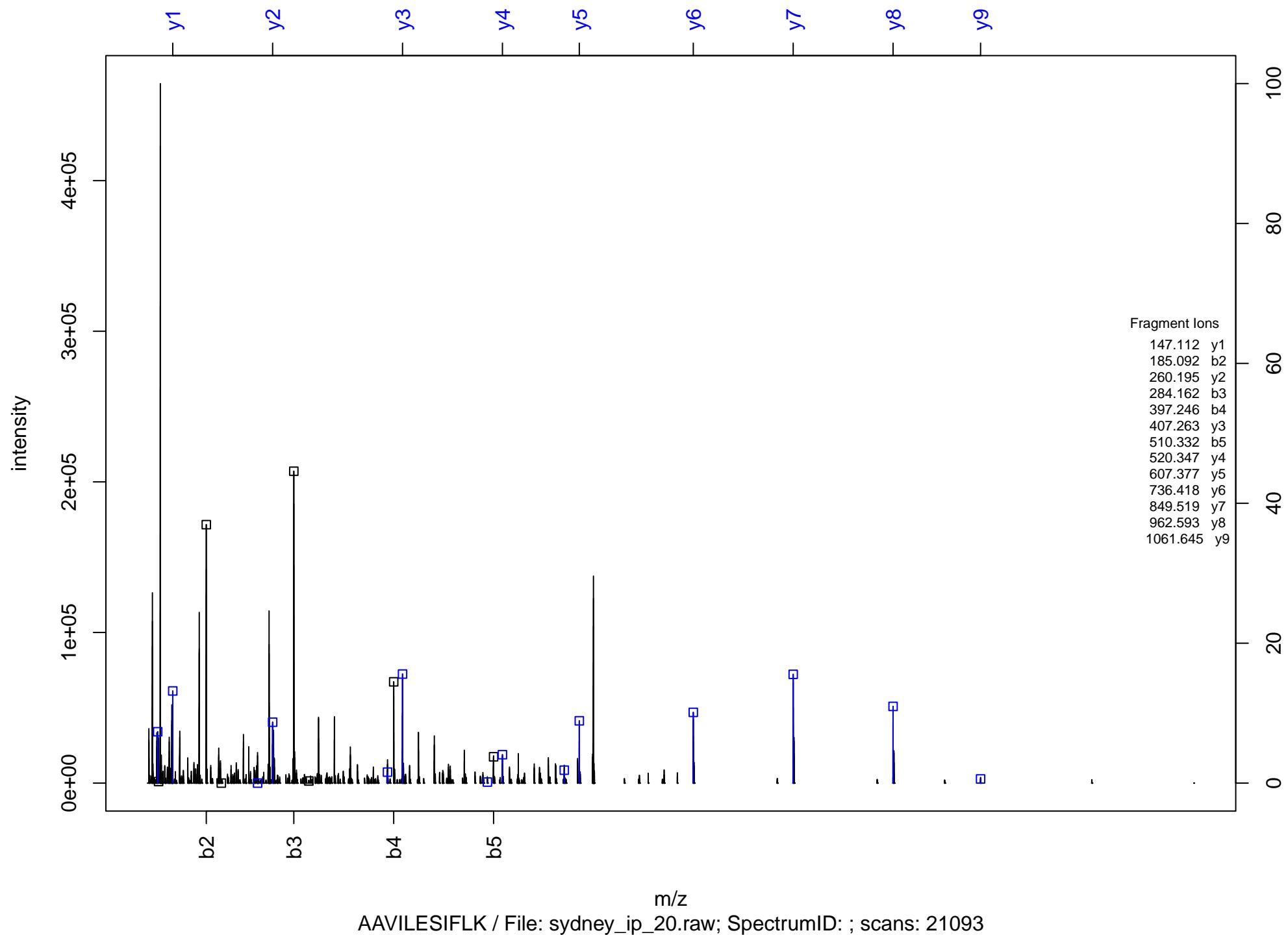
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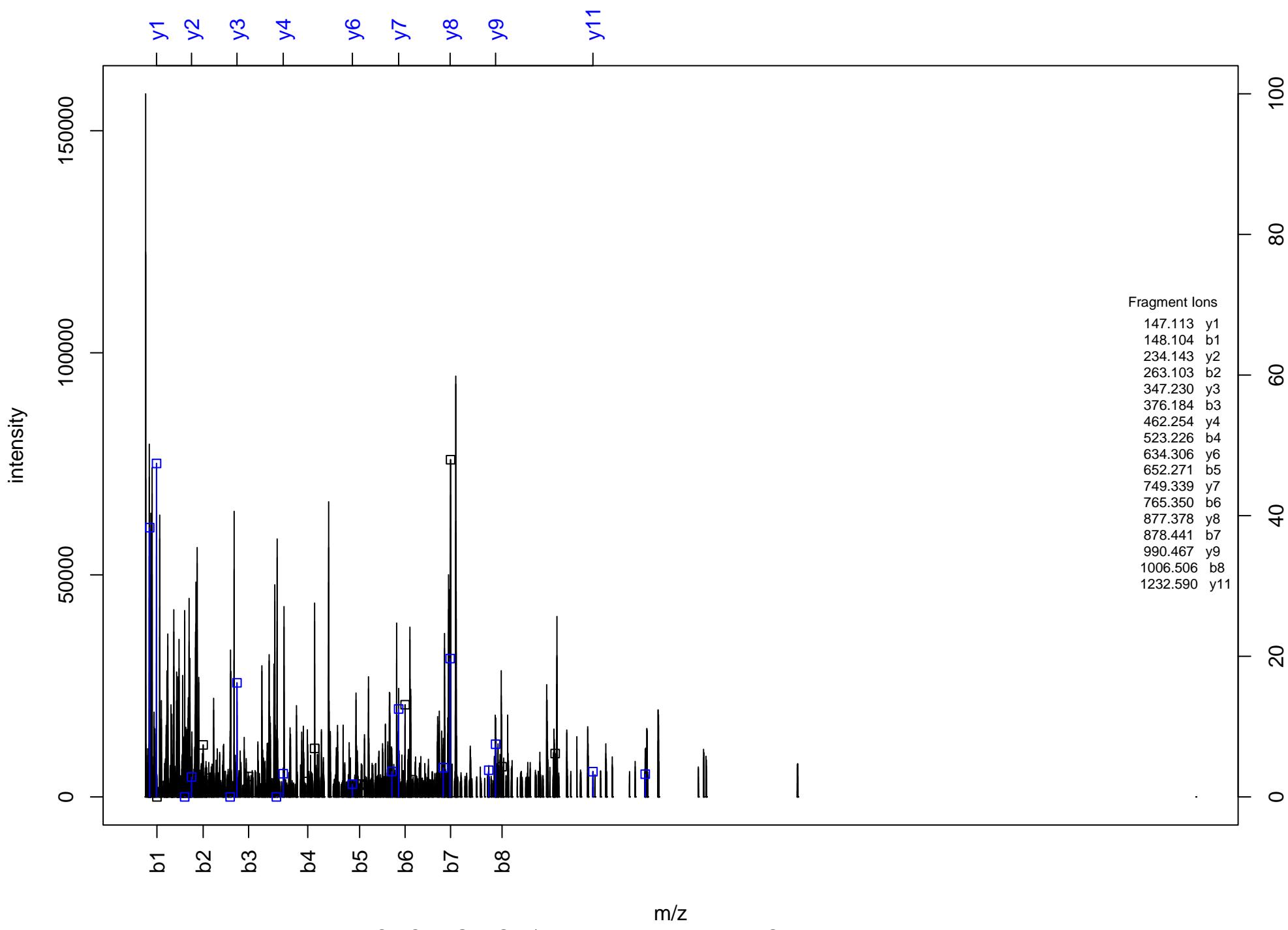
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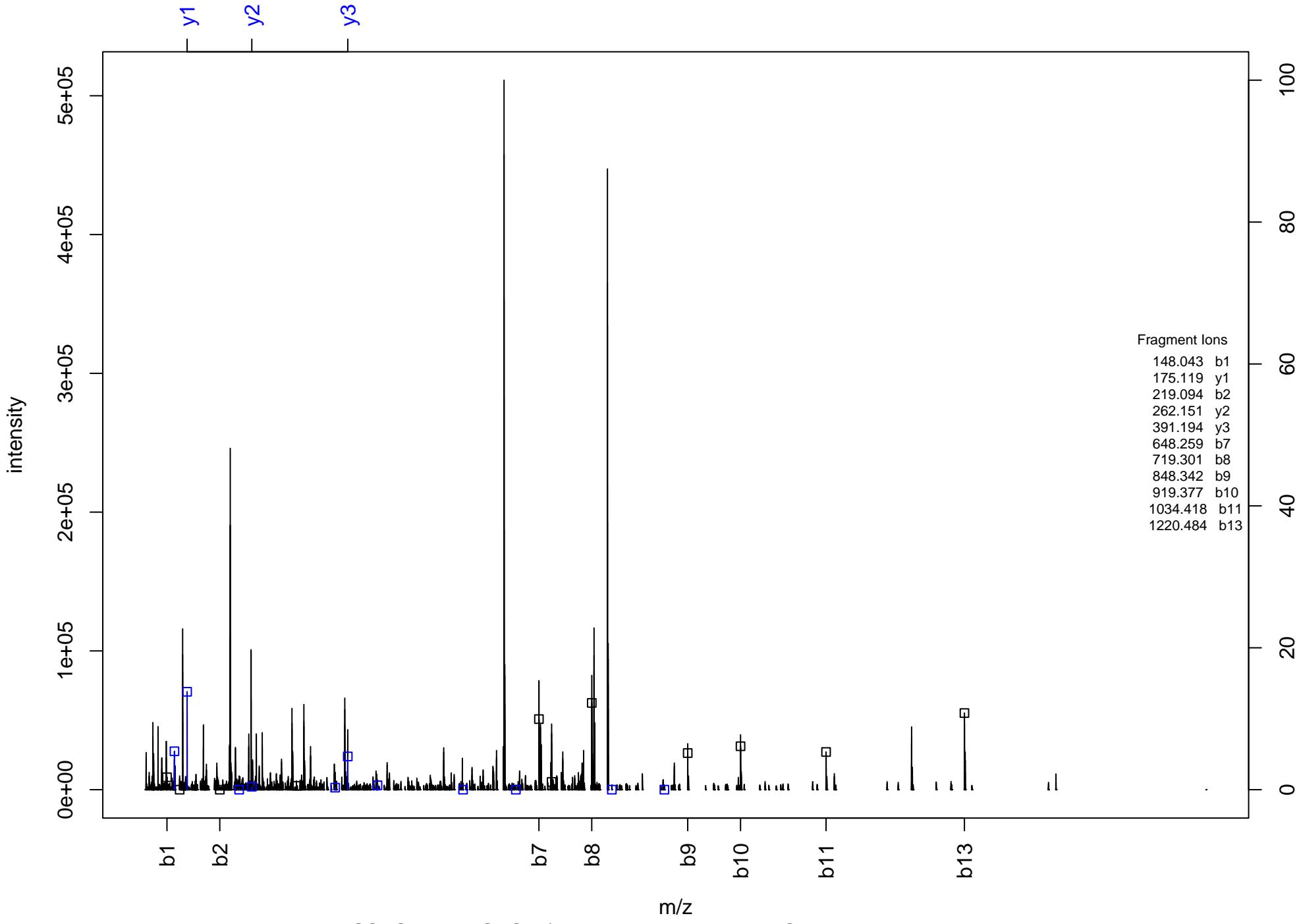
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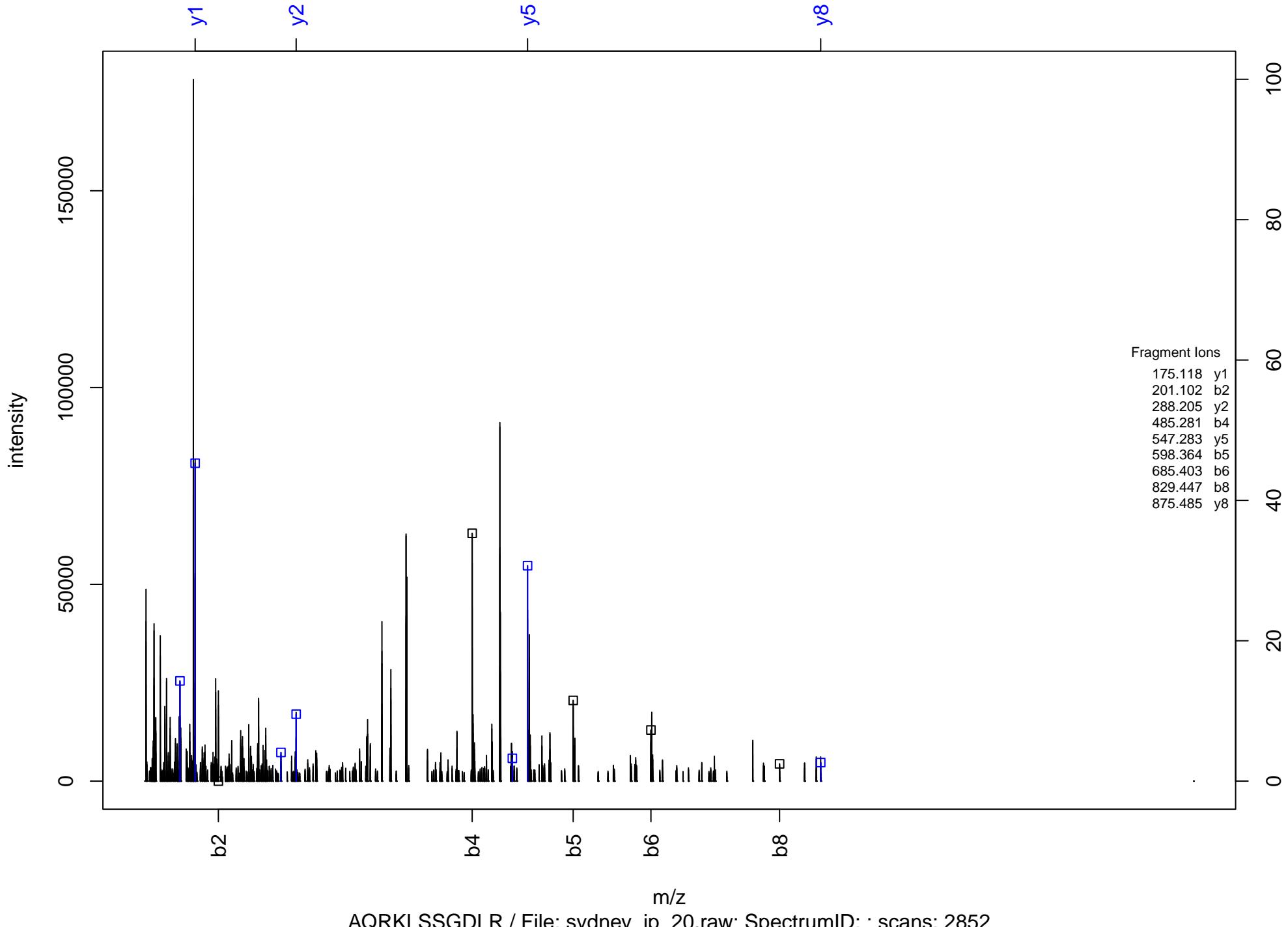
FN^LM*Q^ILQDN^GN^LSK



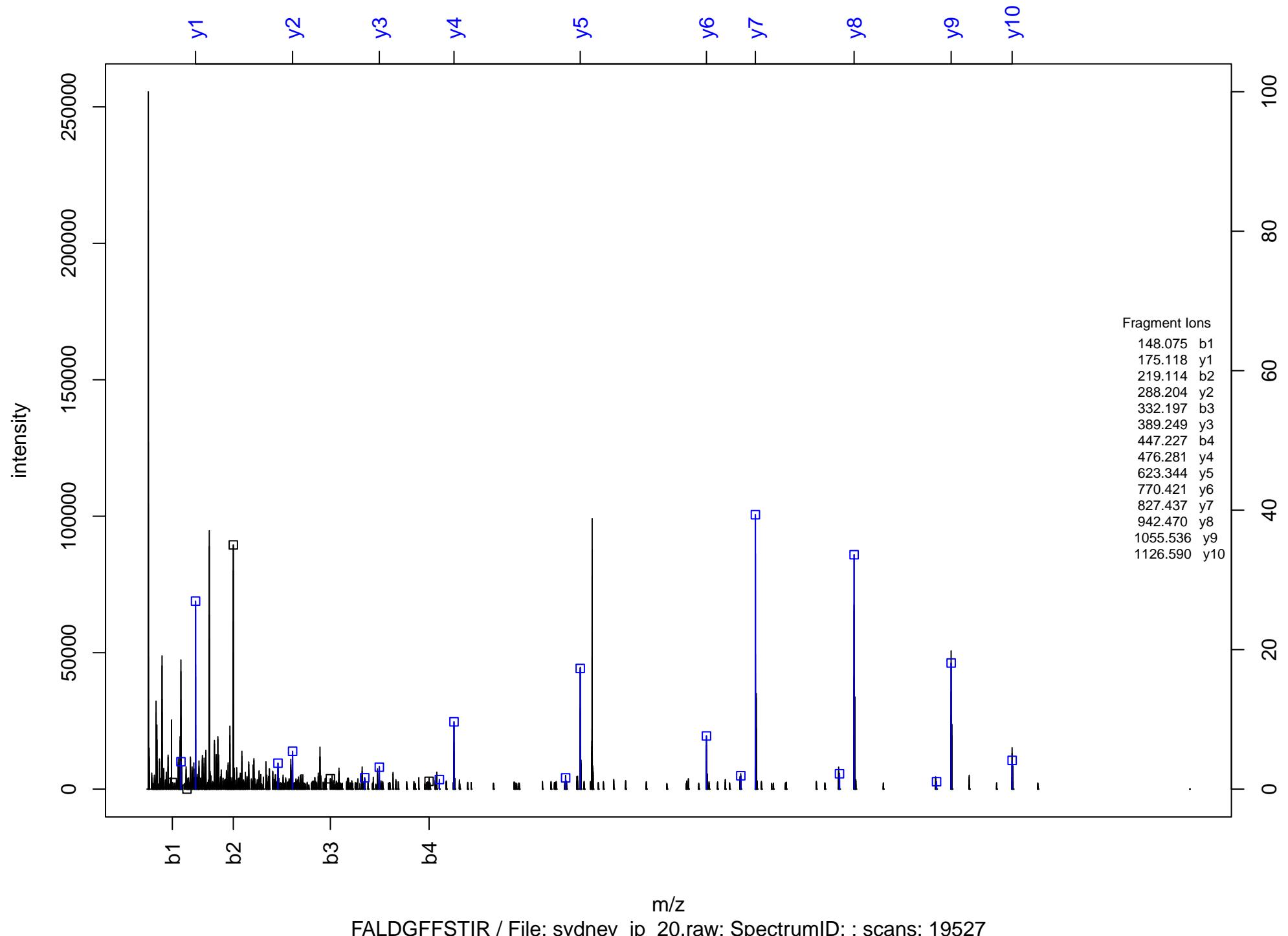
M^{*}ASSPSAAEADGESR



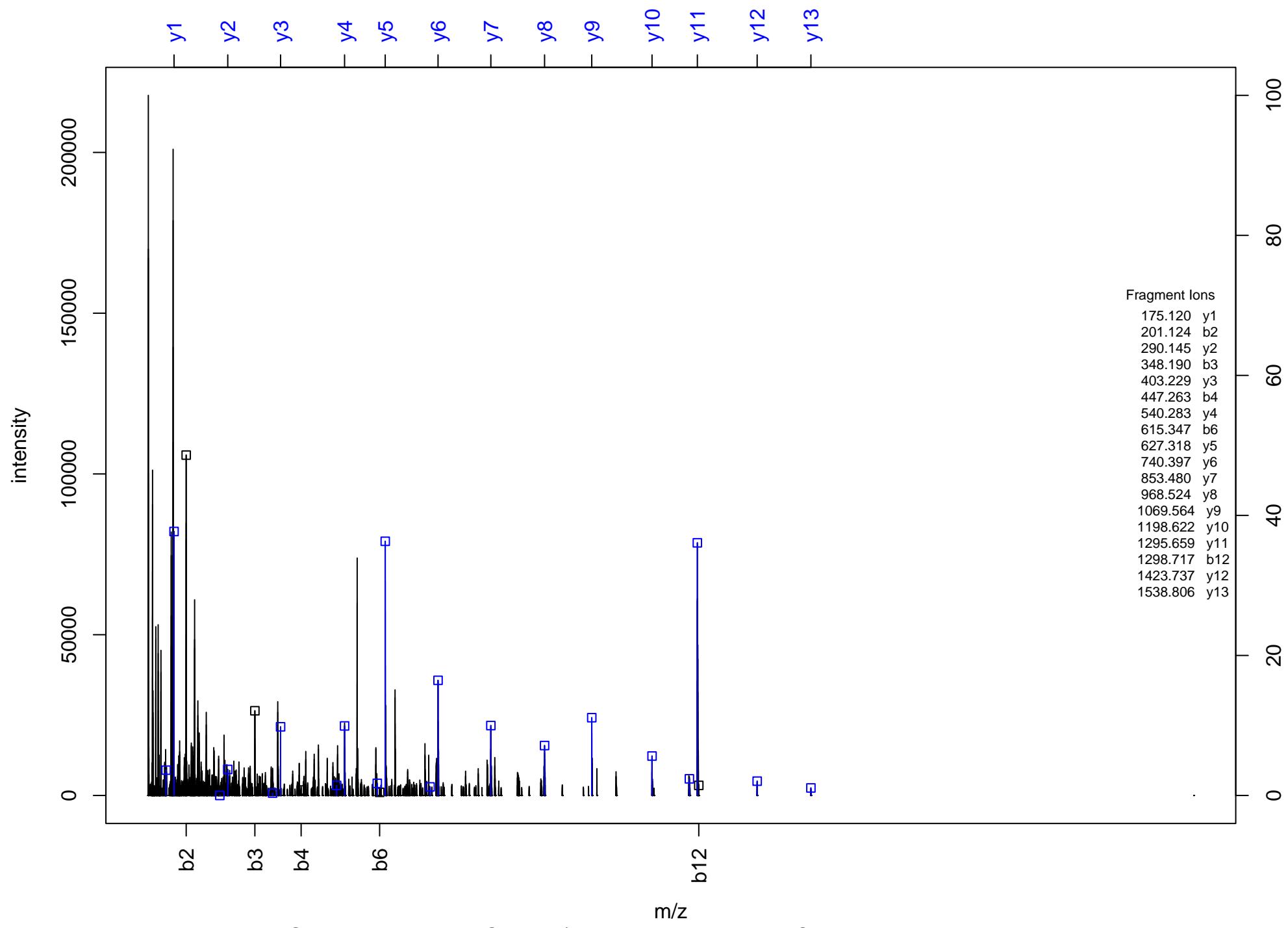
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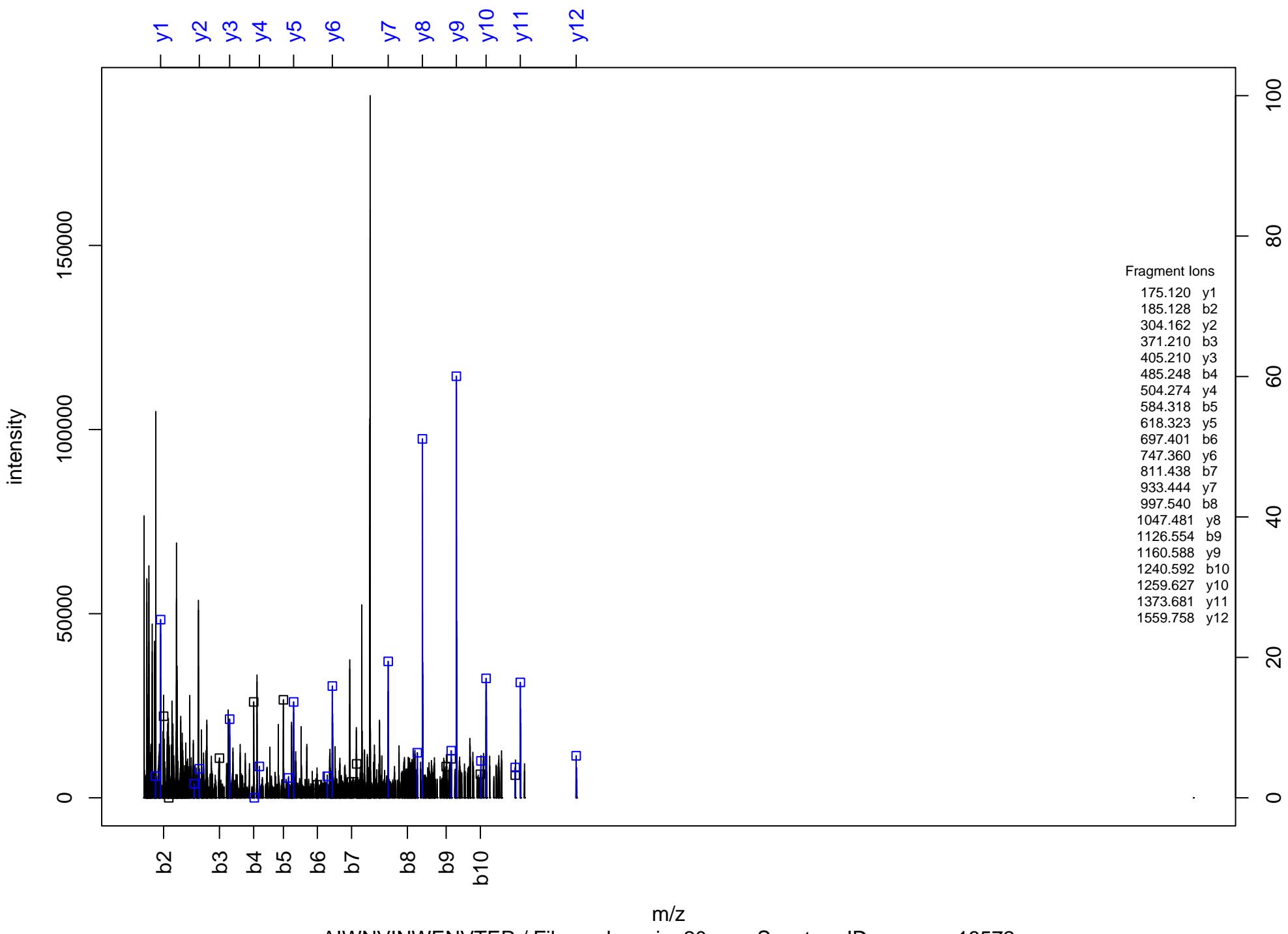
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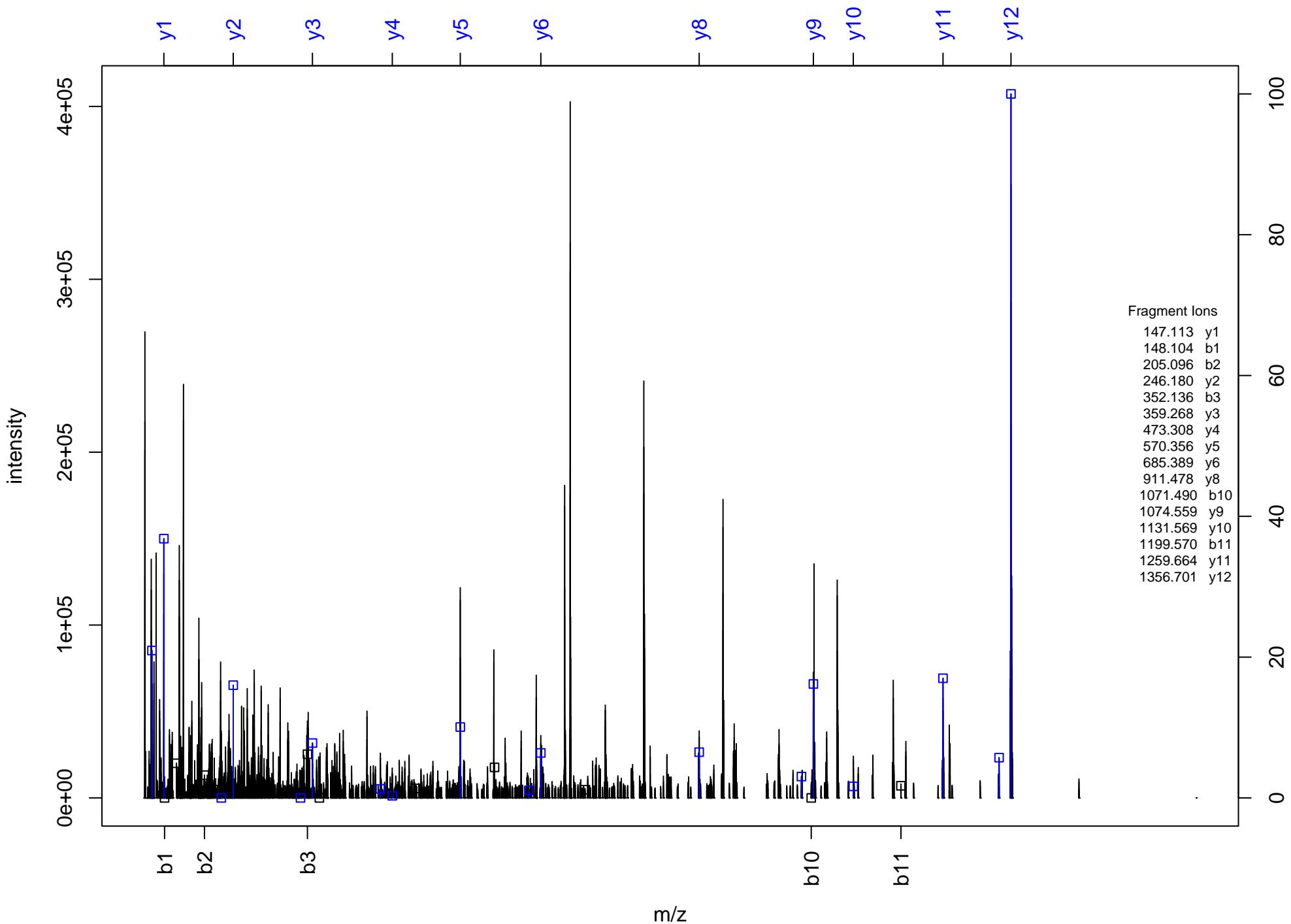
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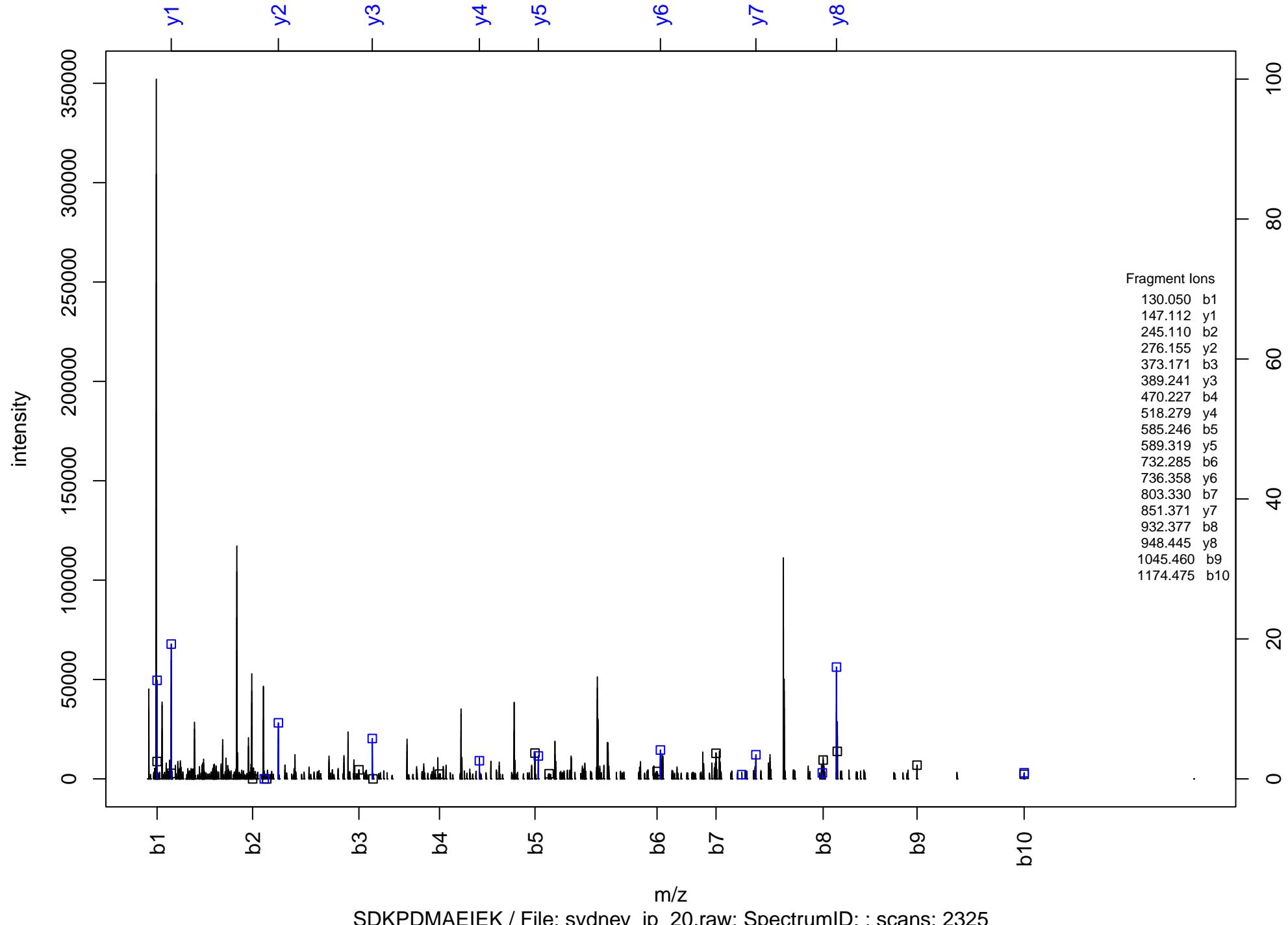


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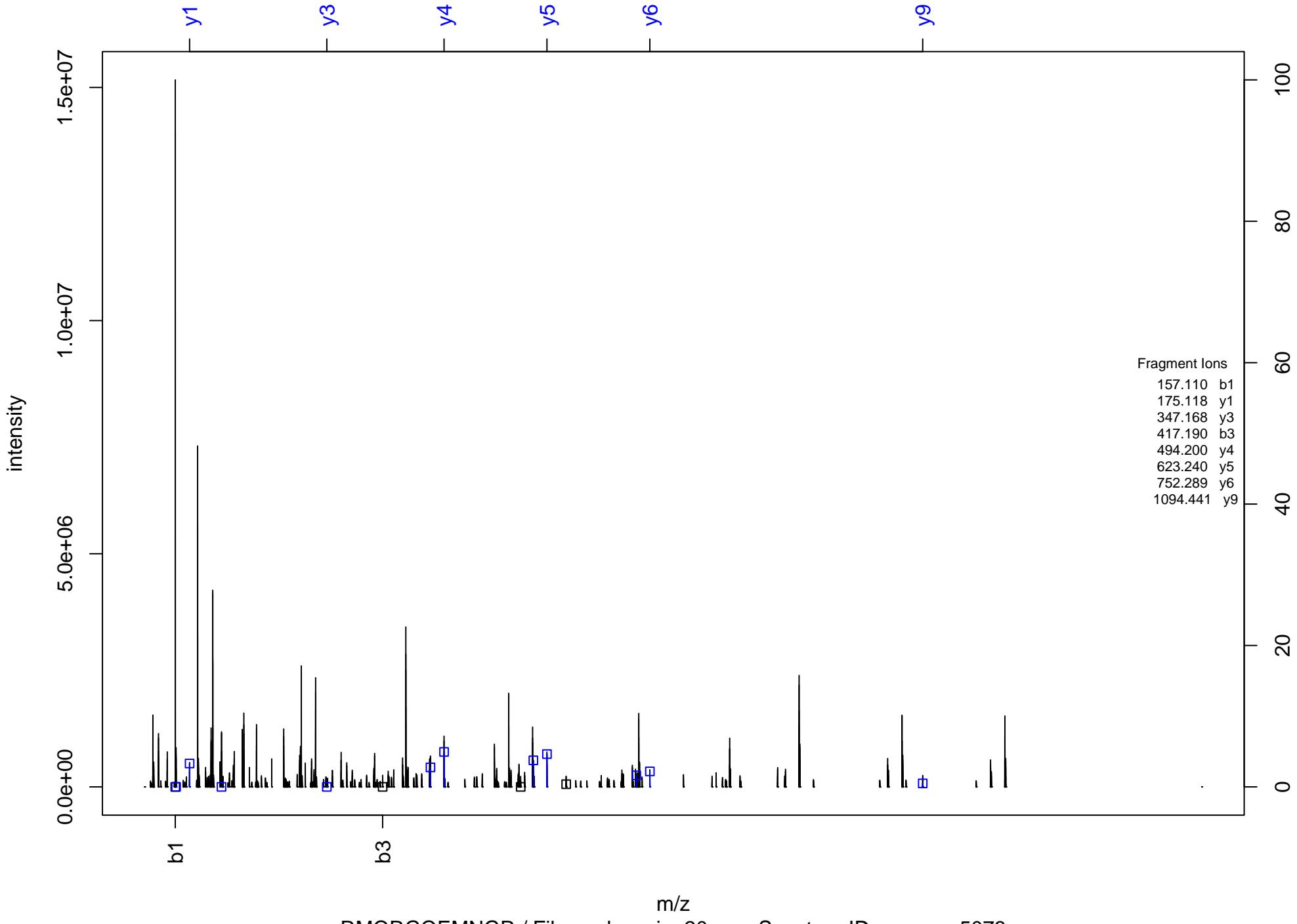


FGMHLQAAATPKGYEPDPNIVK / File: sydney_ip_20.raw; SpectrumID: ; scans: 15175

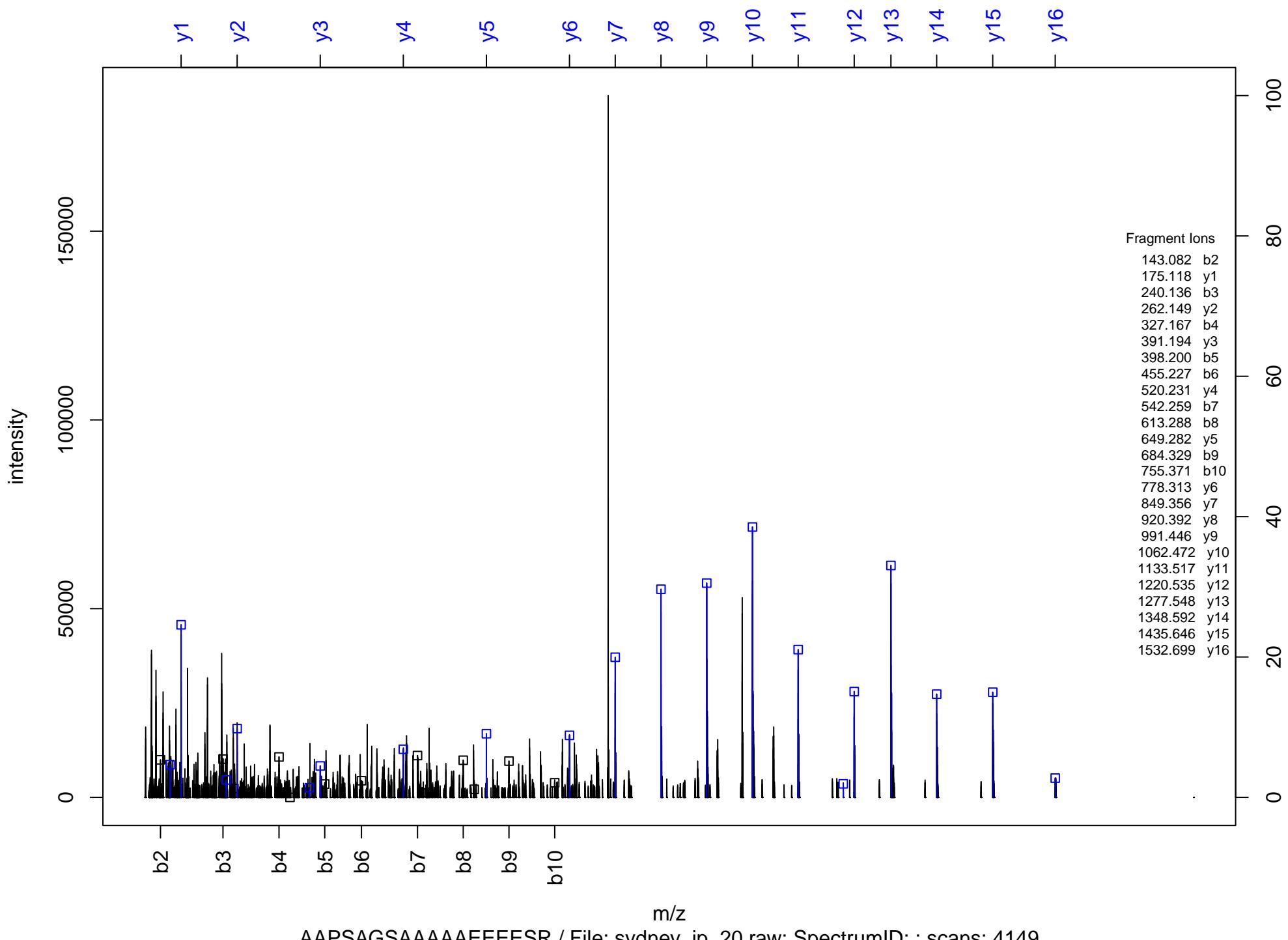
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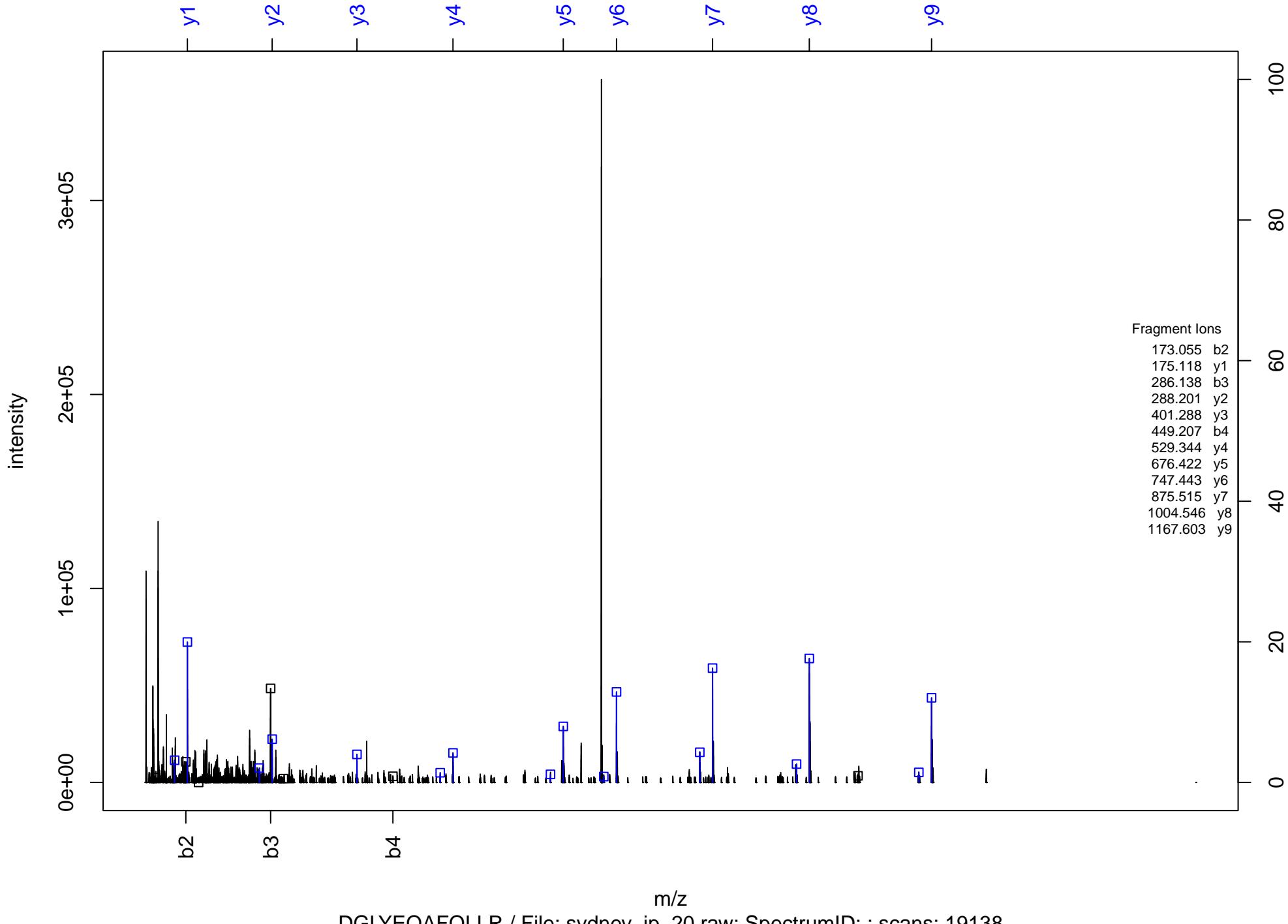
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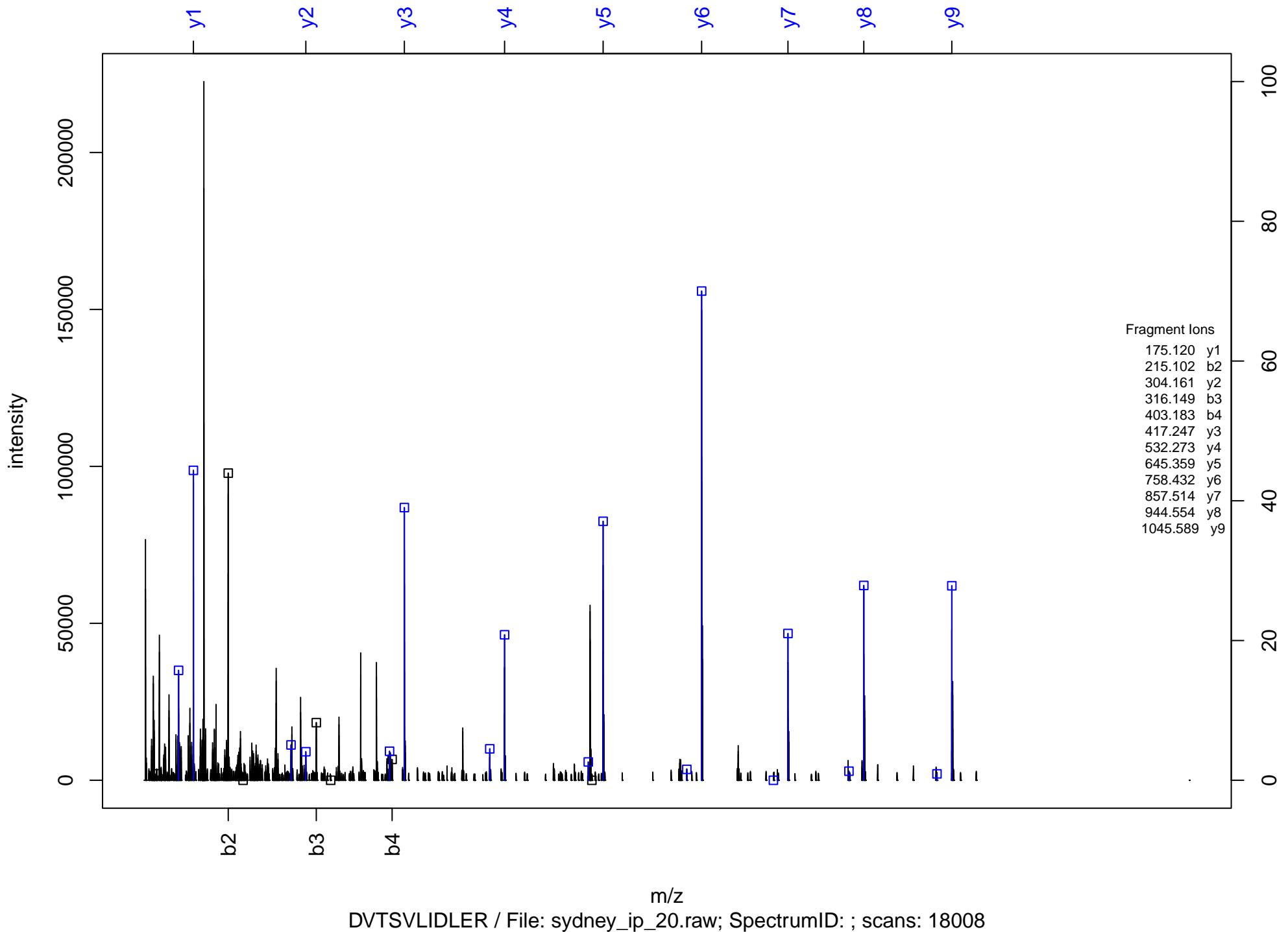
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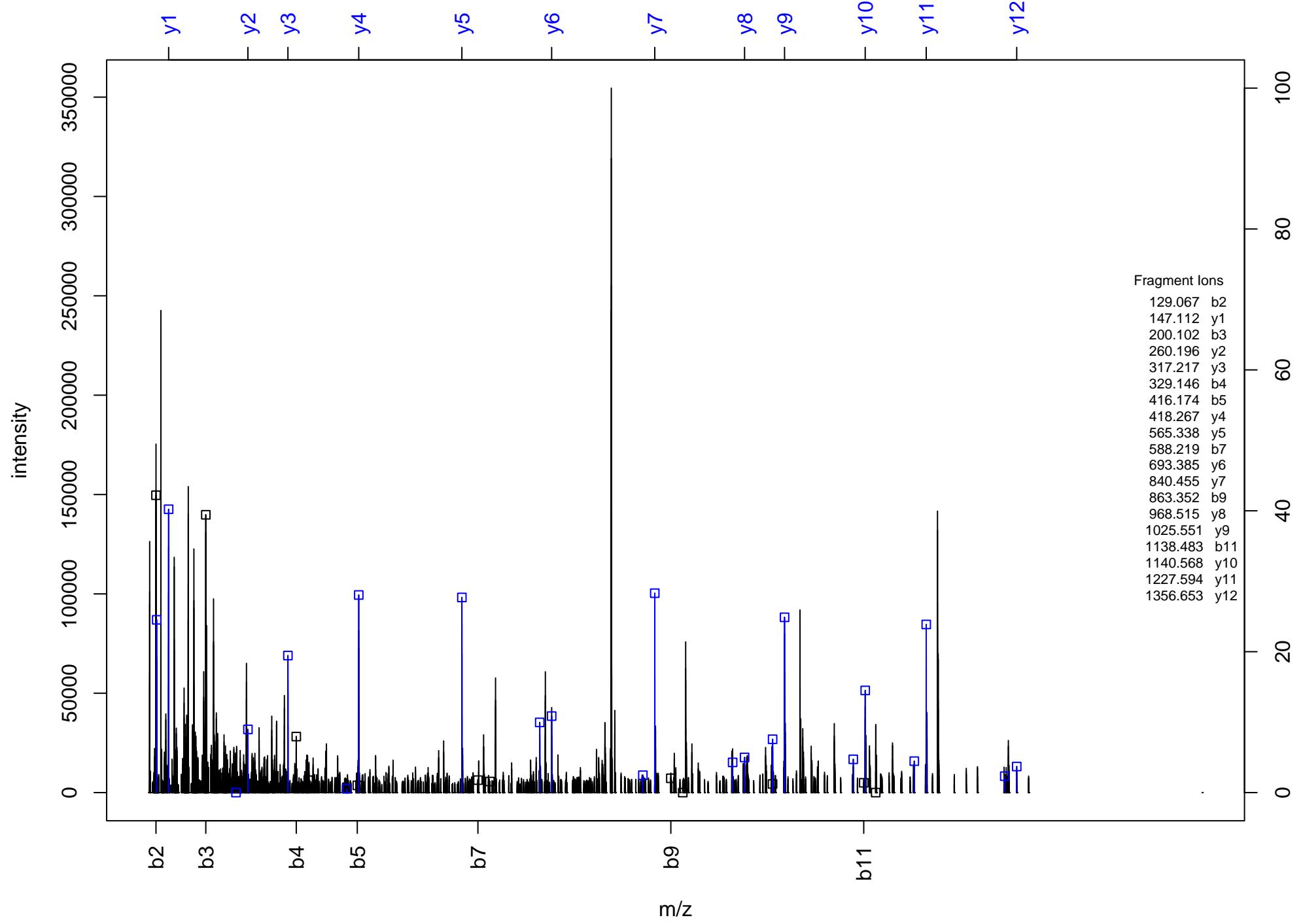
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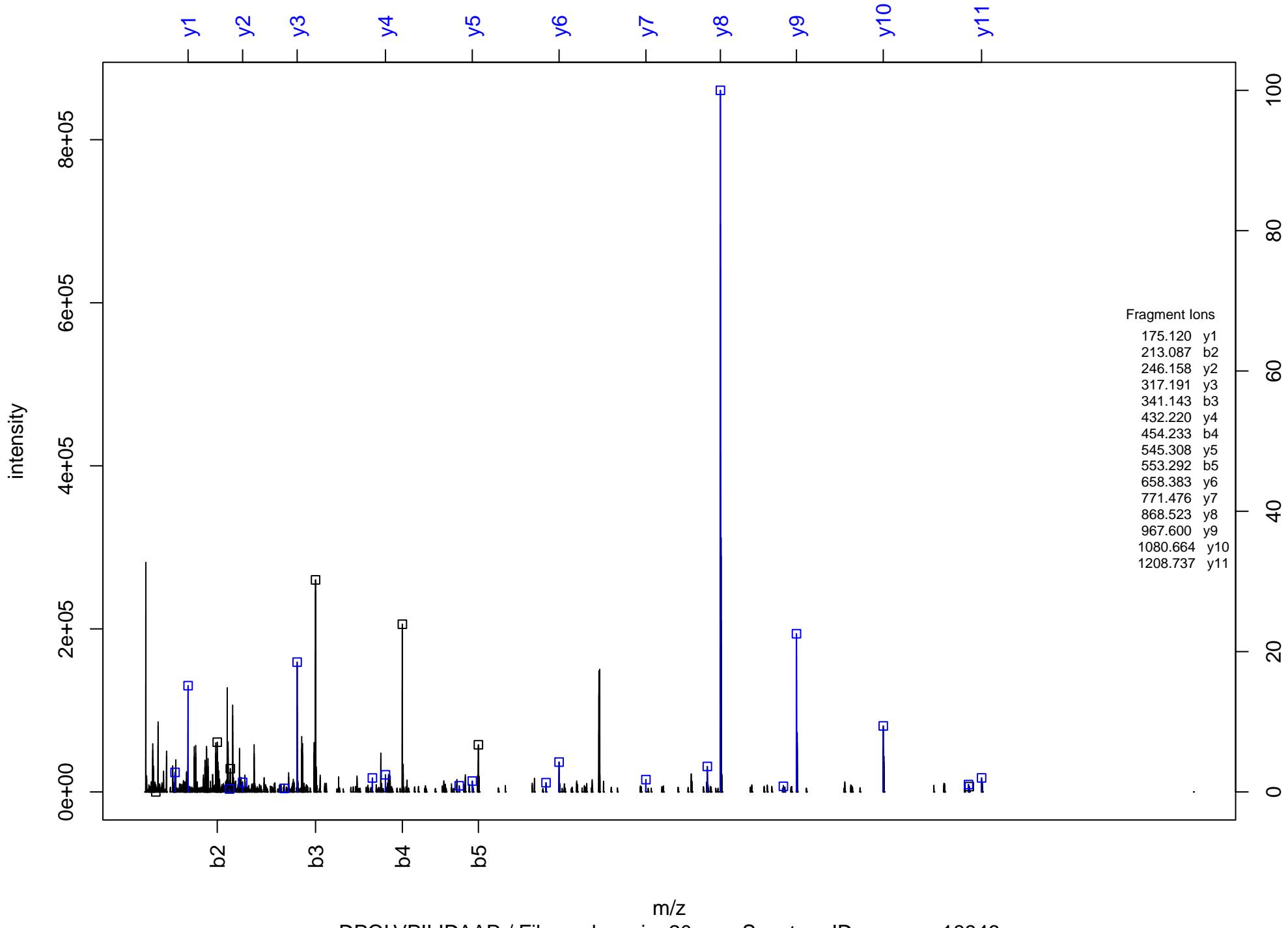
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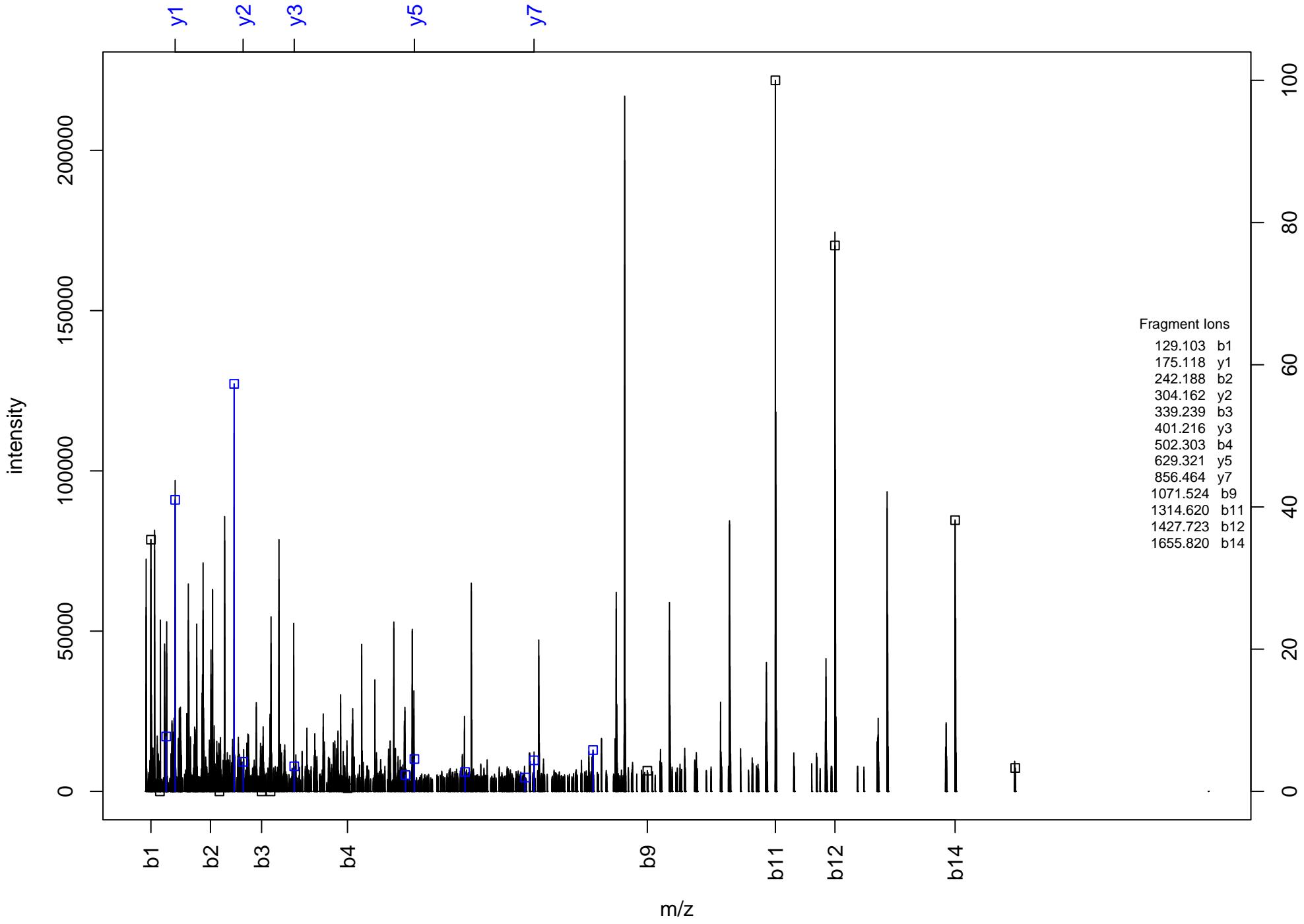
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DPQLVPILIDAAR

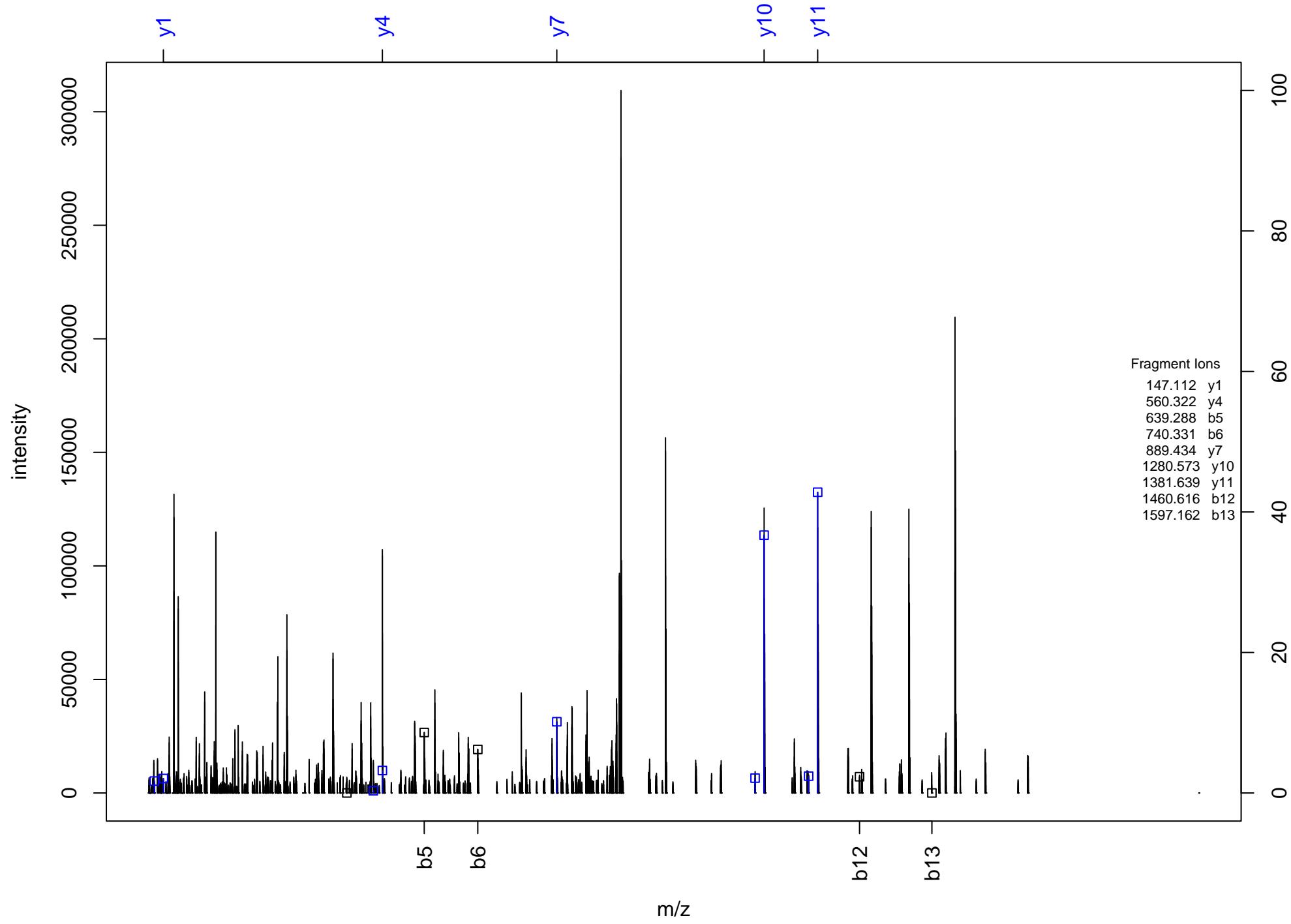


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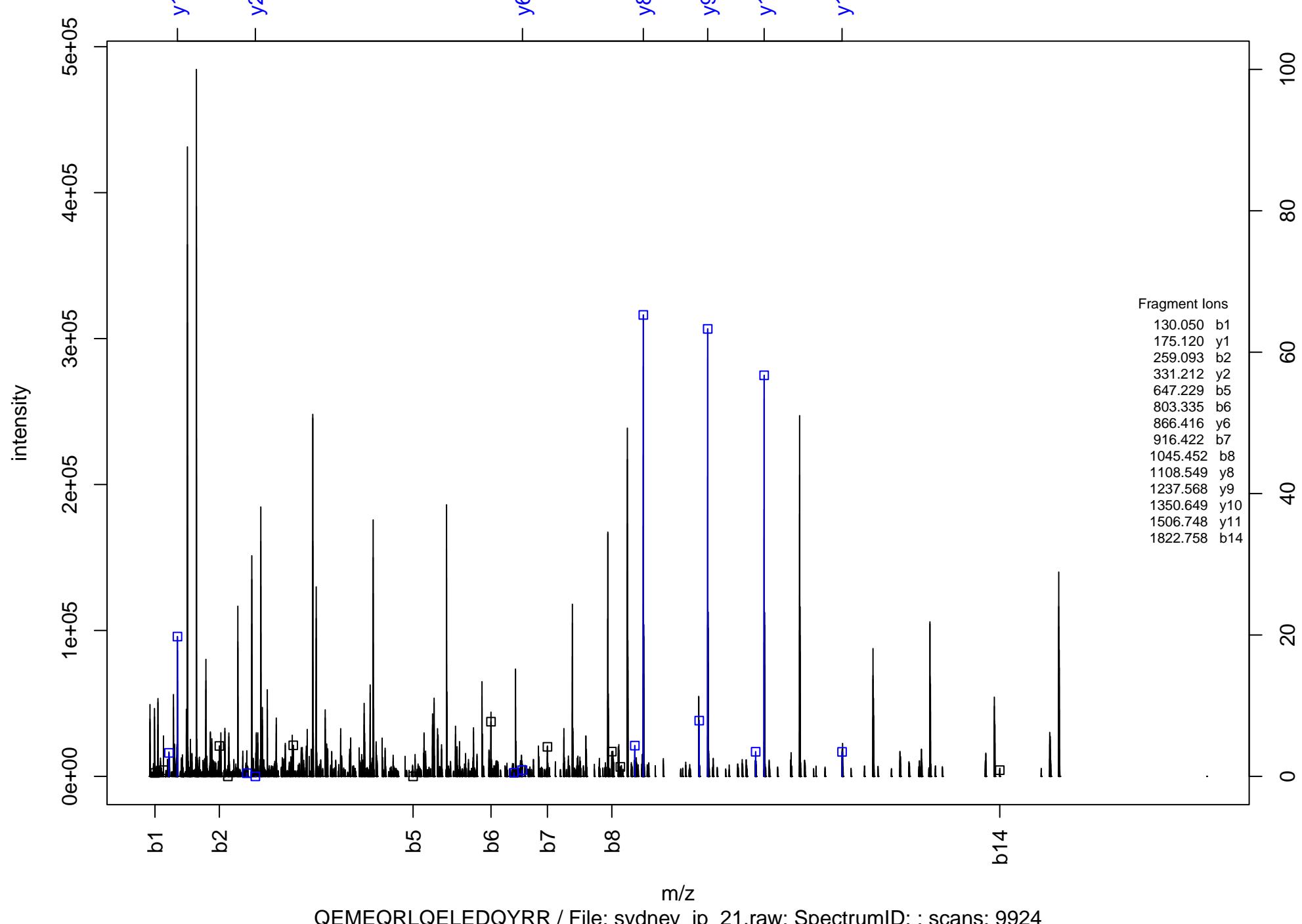


KIPYNPQQVENLEVPER / File: sydney_ip_20.raw; SpectrumID: ; scans: 15511

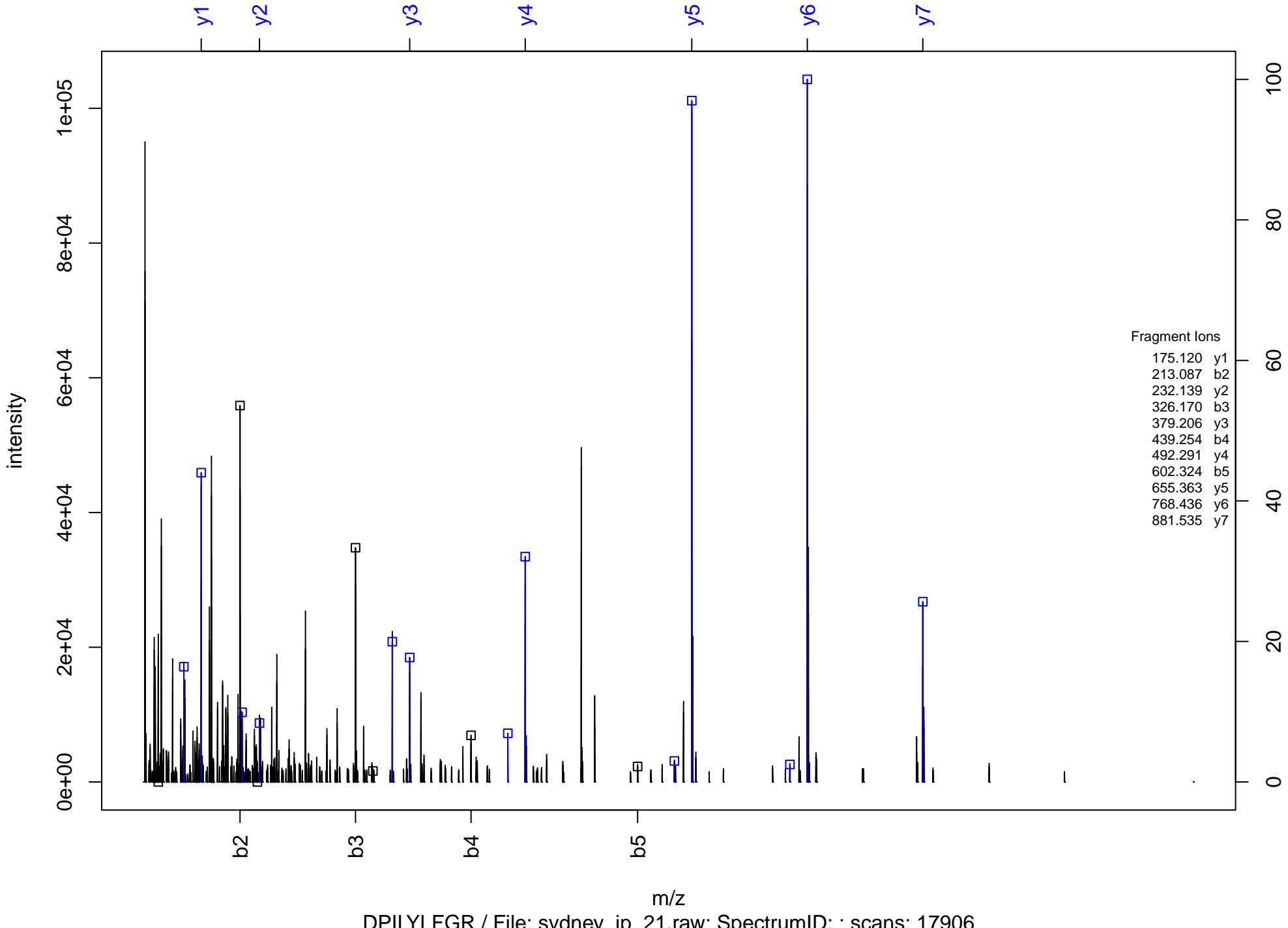
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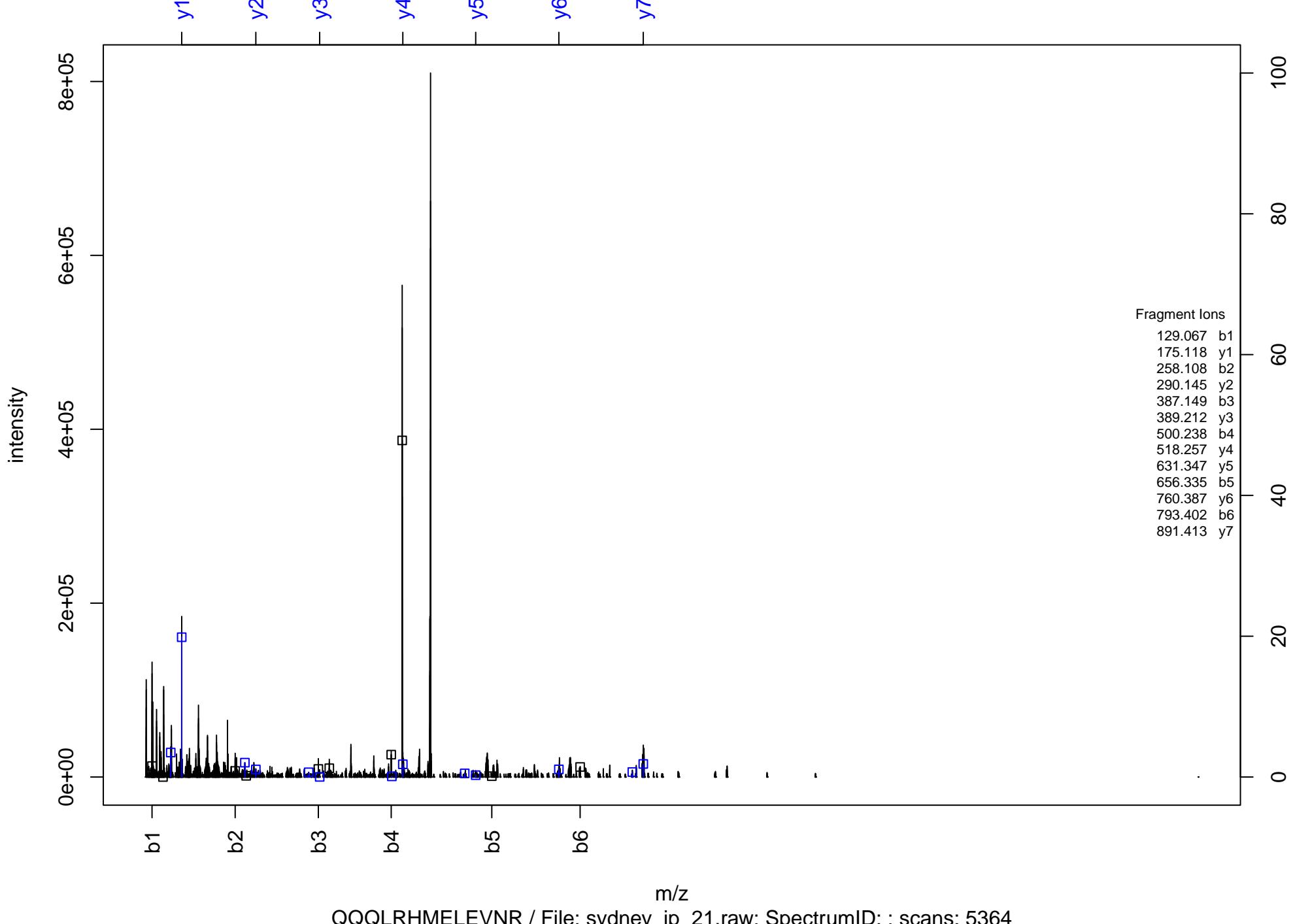
Q^EMEQRLQ^ELEDQYRR



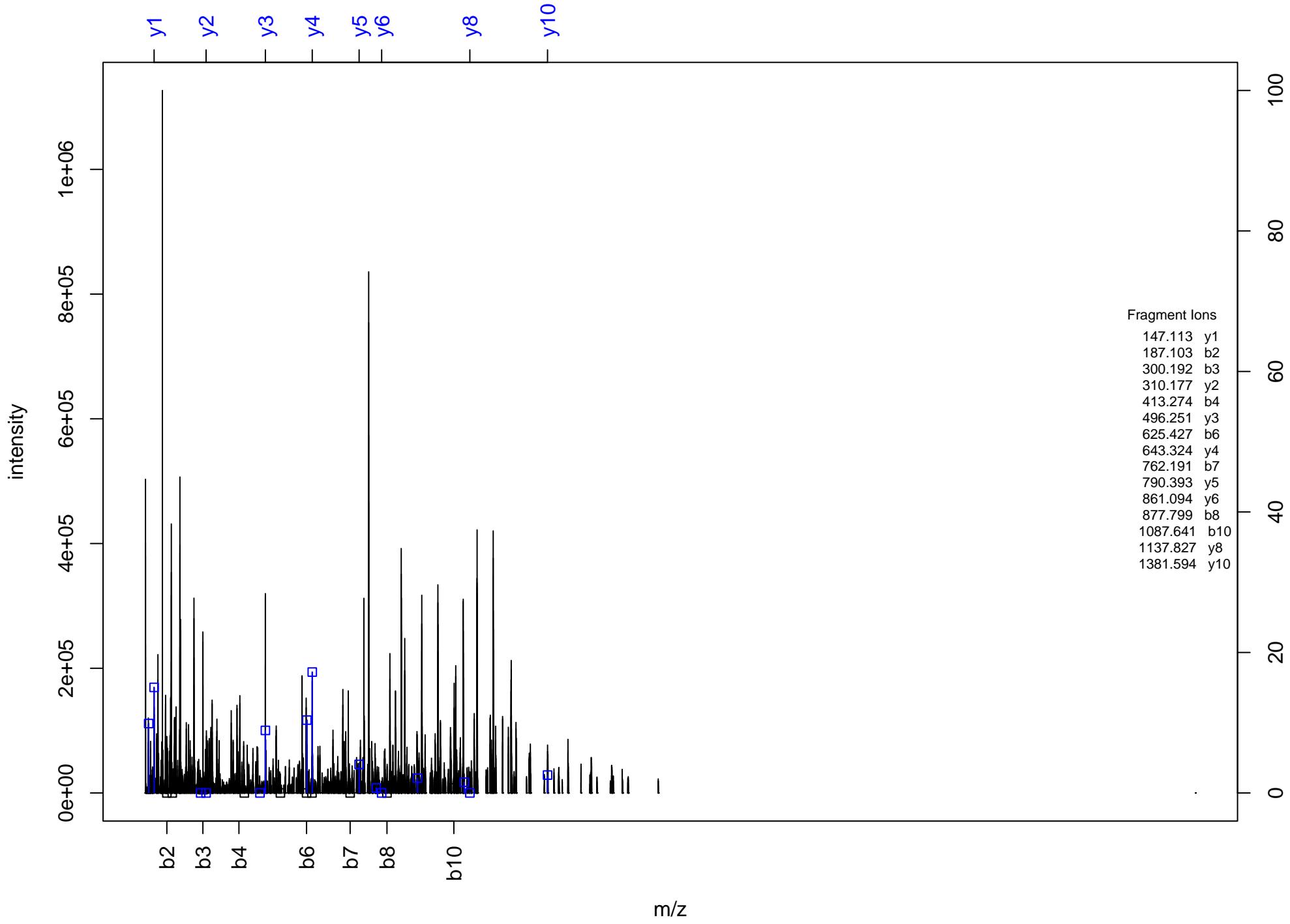
DPILYLFGR



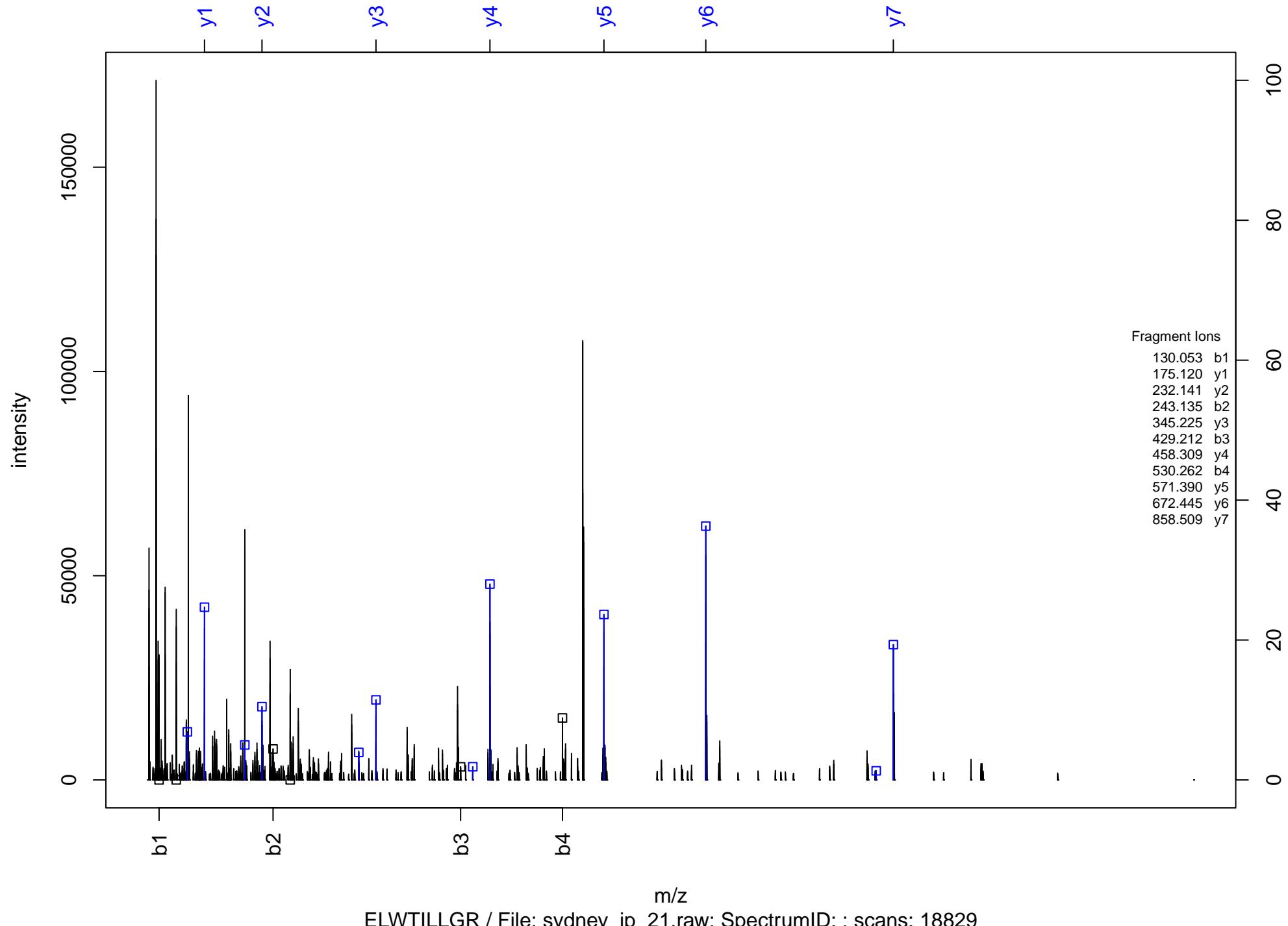
QQ^Q^LRHMELEVNR



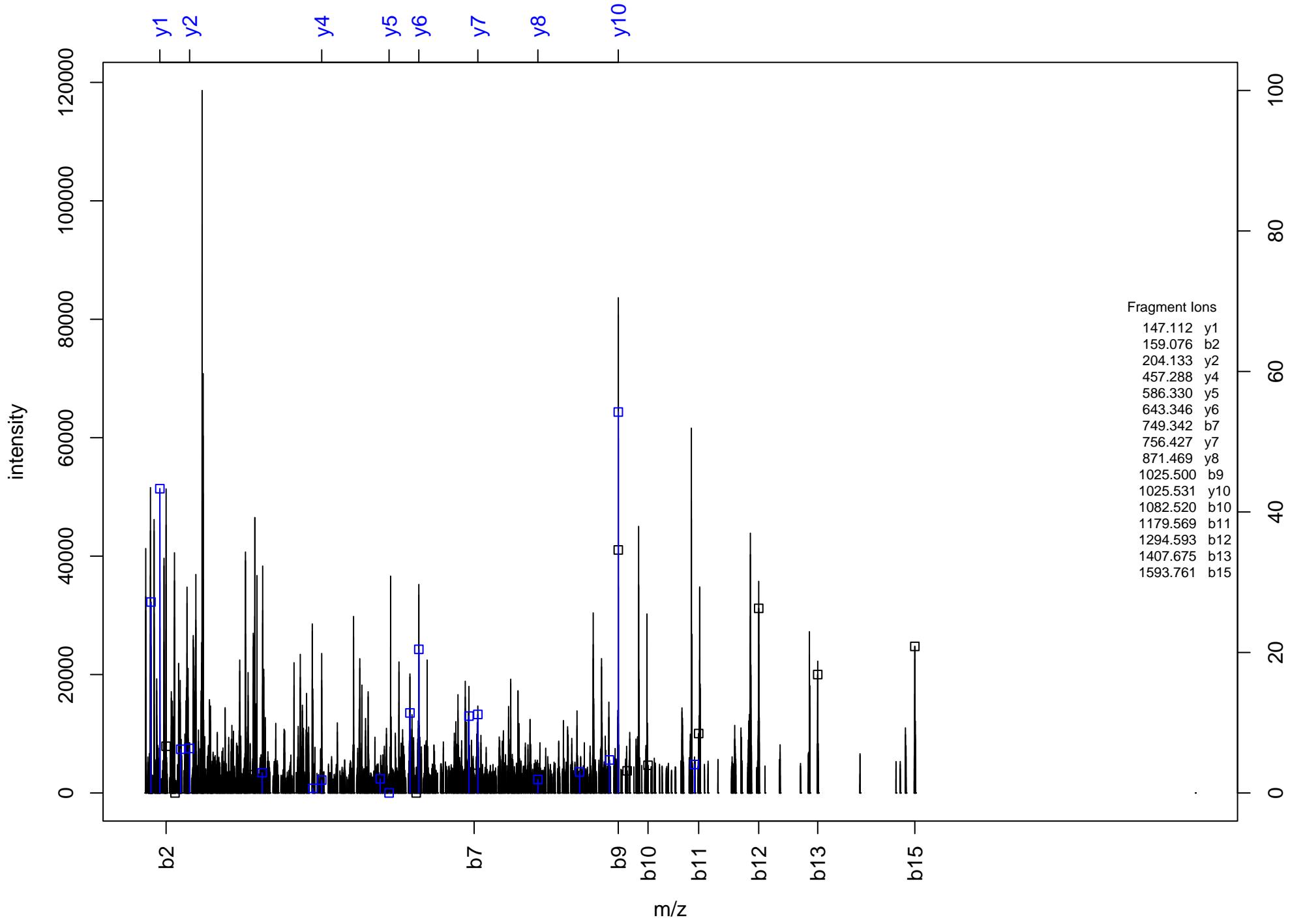
SVLLLVHN^LPEDFQ^AFFWYK



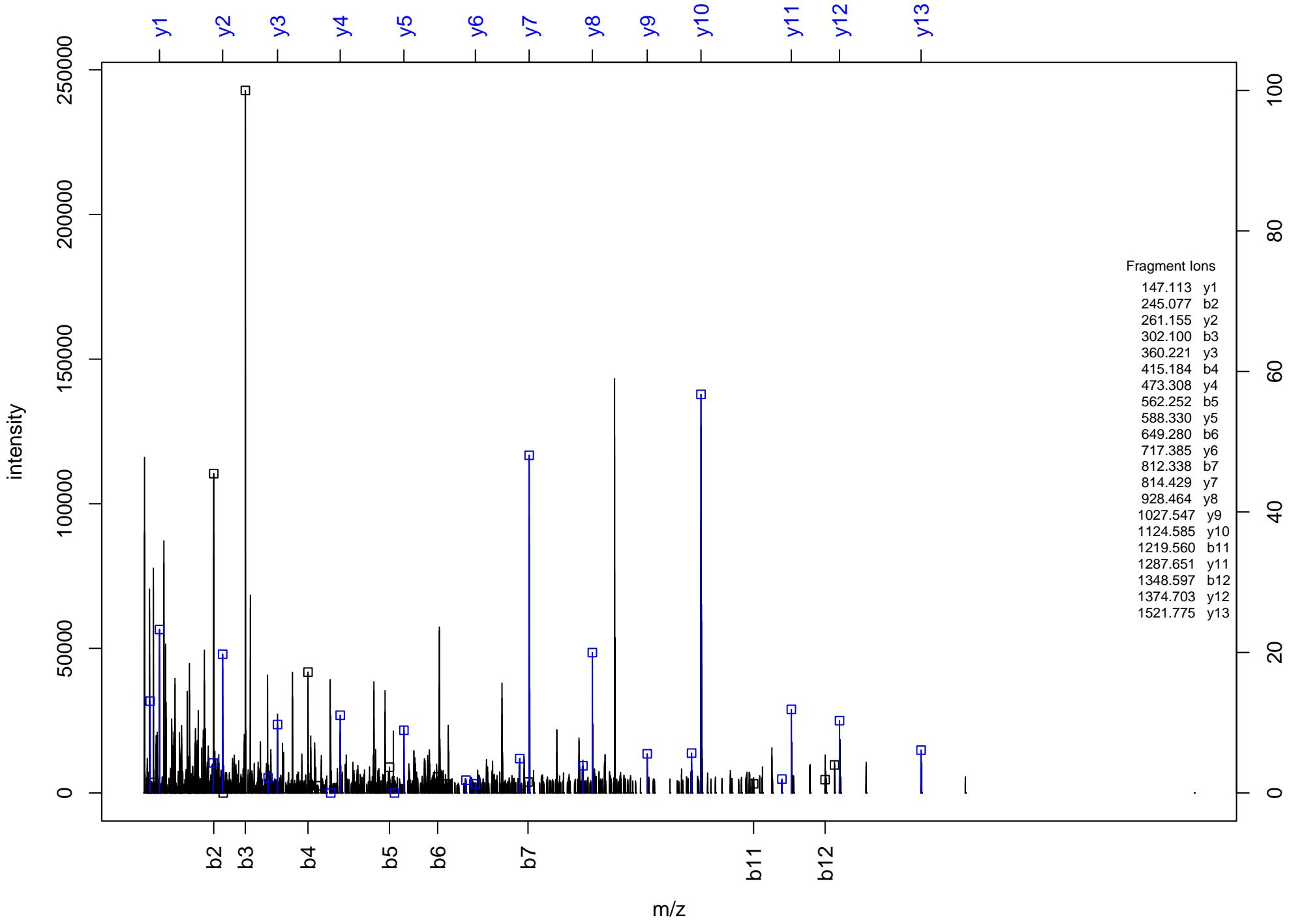
ELWTILLGR



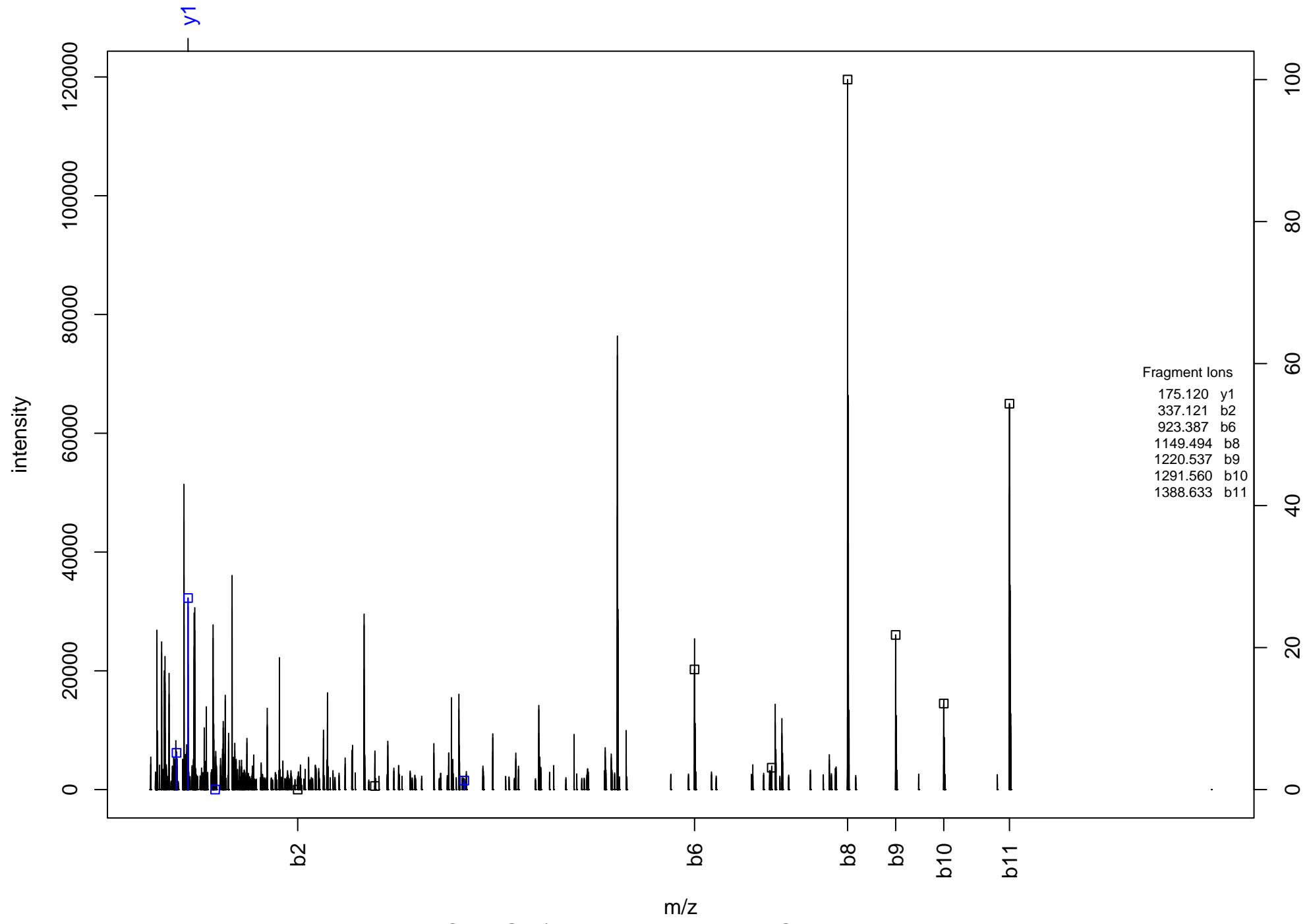
SAFQ^N^AKLYGPDIGQ^PRGK



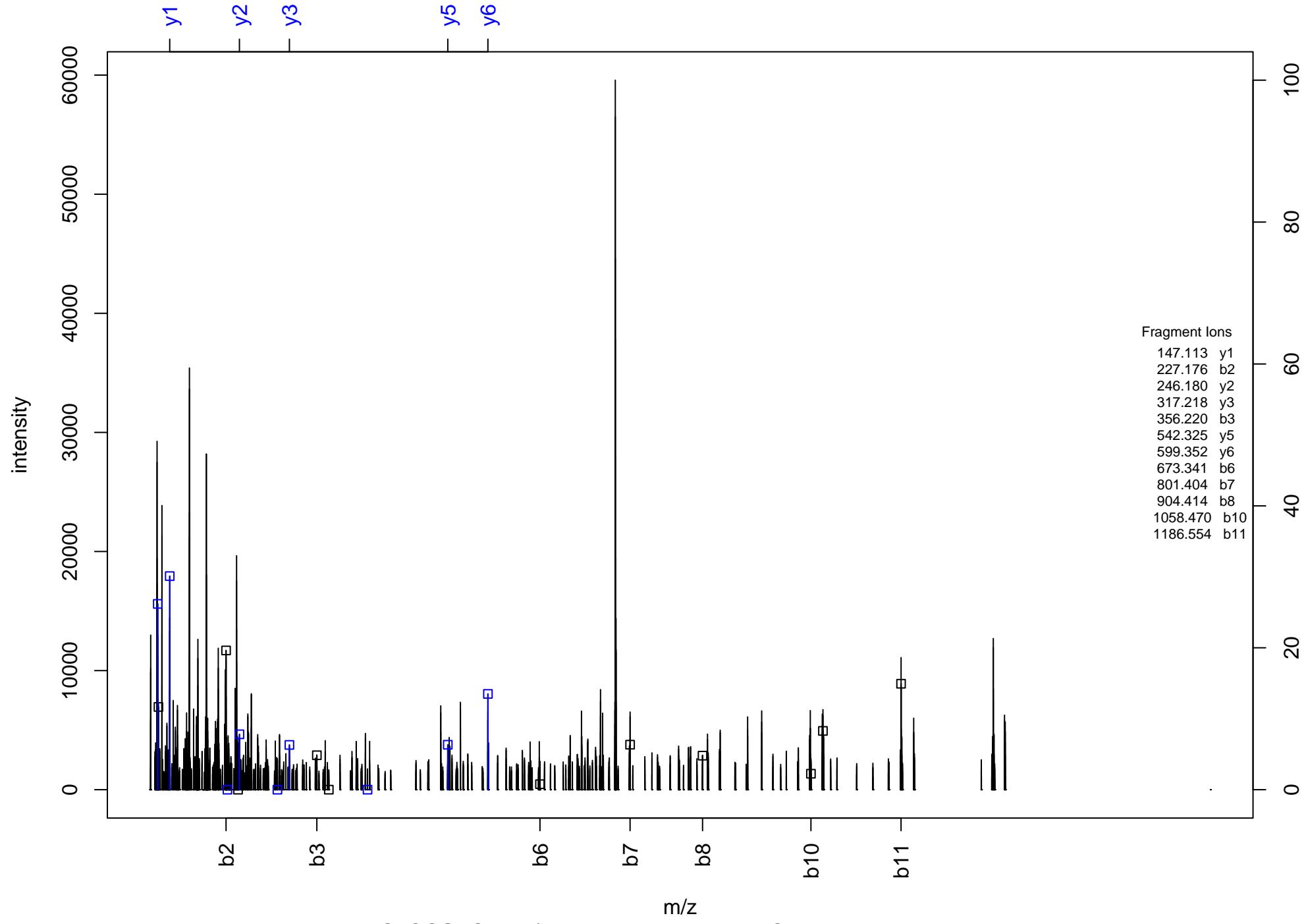
DEGLFSYPVNPDIVNK



(Ac)M*FPWM*RPQ^AAPGR

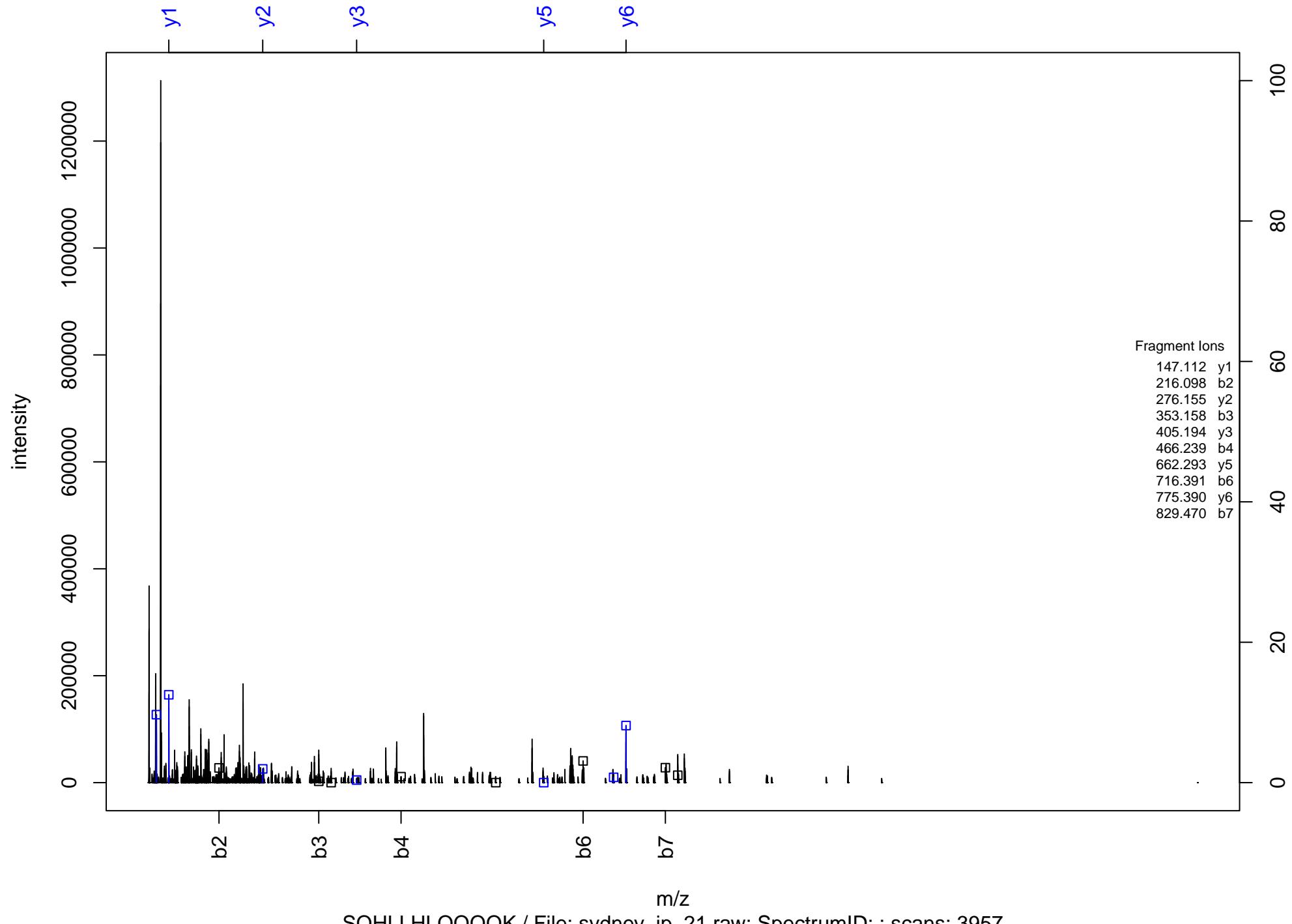


IIEESTQCGPQAVK

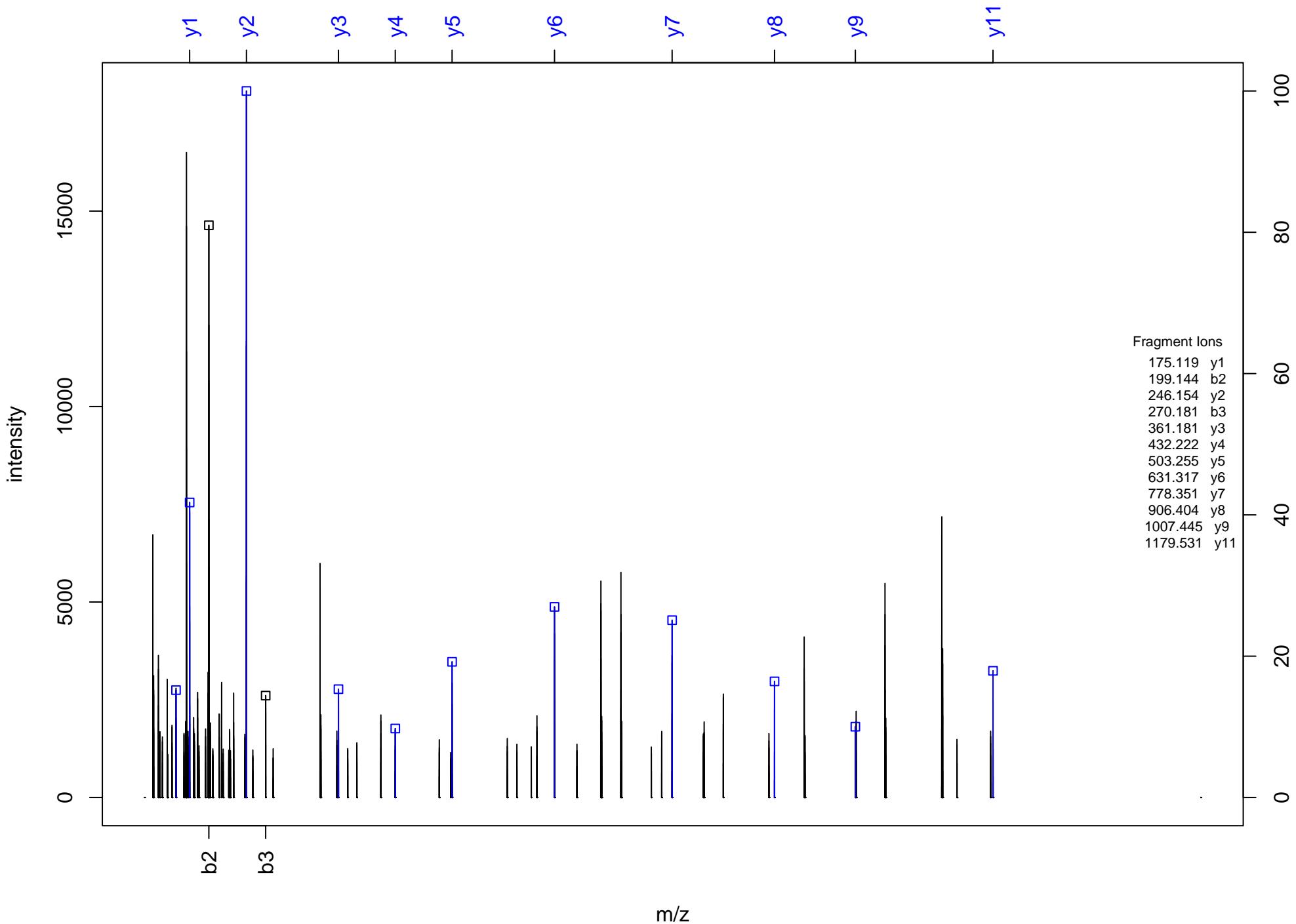


IIEESTQCGPQAVK / File: sydney_ip_21.raw; SpectrumID: ; scans: 3526

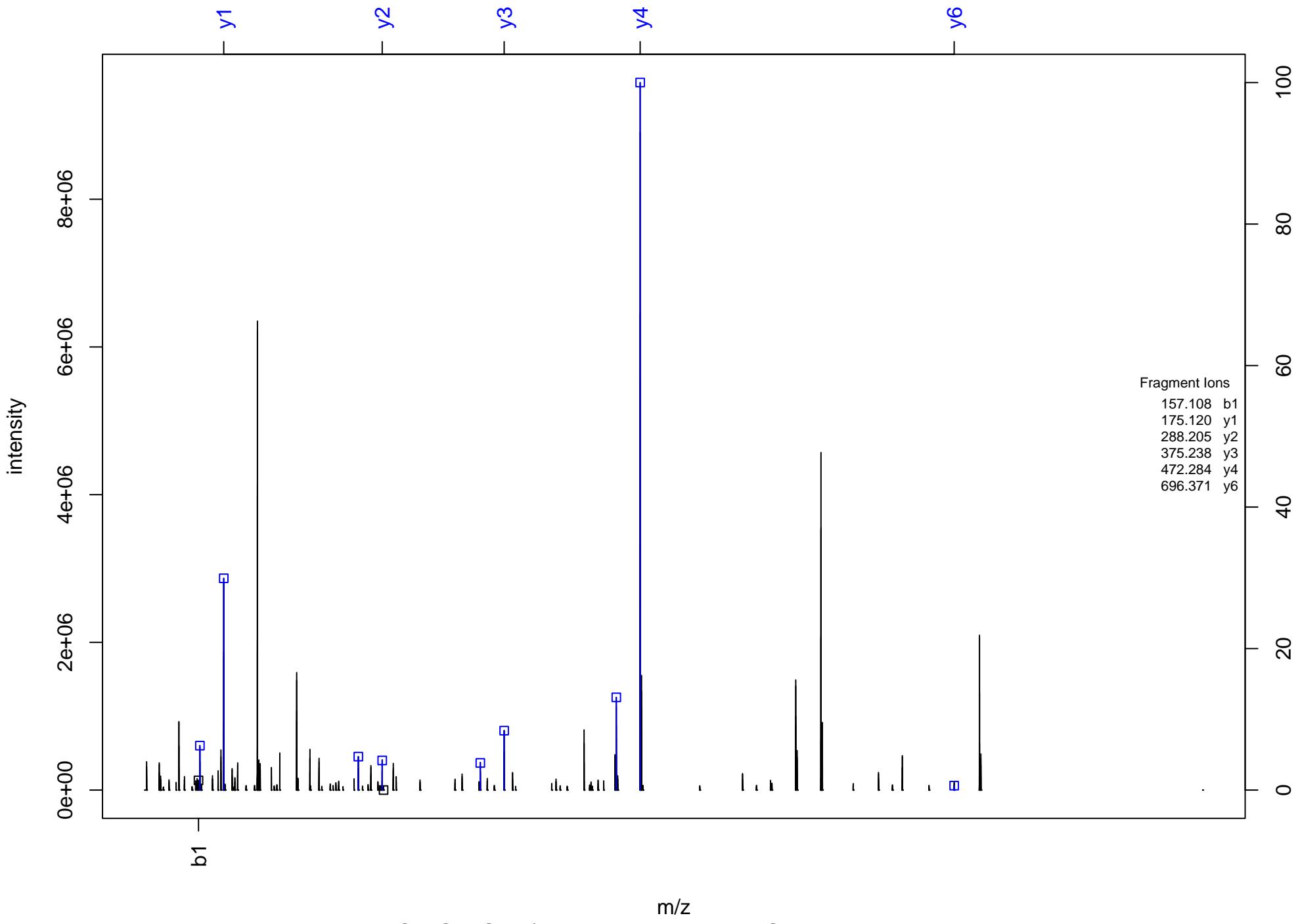
SQHLLHLQQQ^KQ^KQ^K



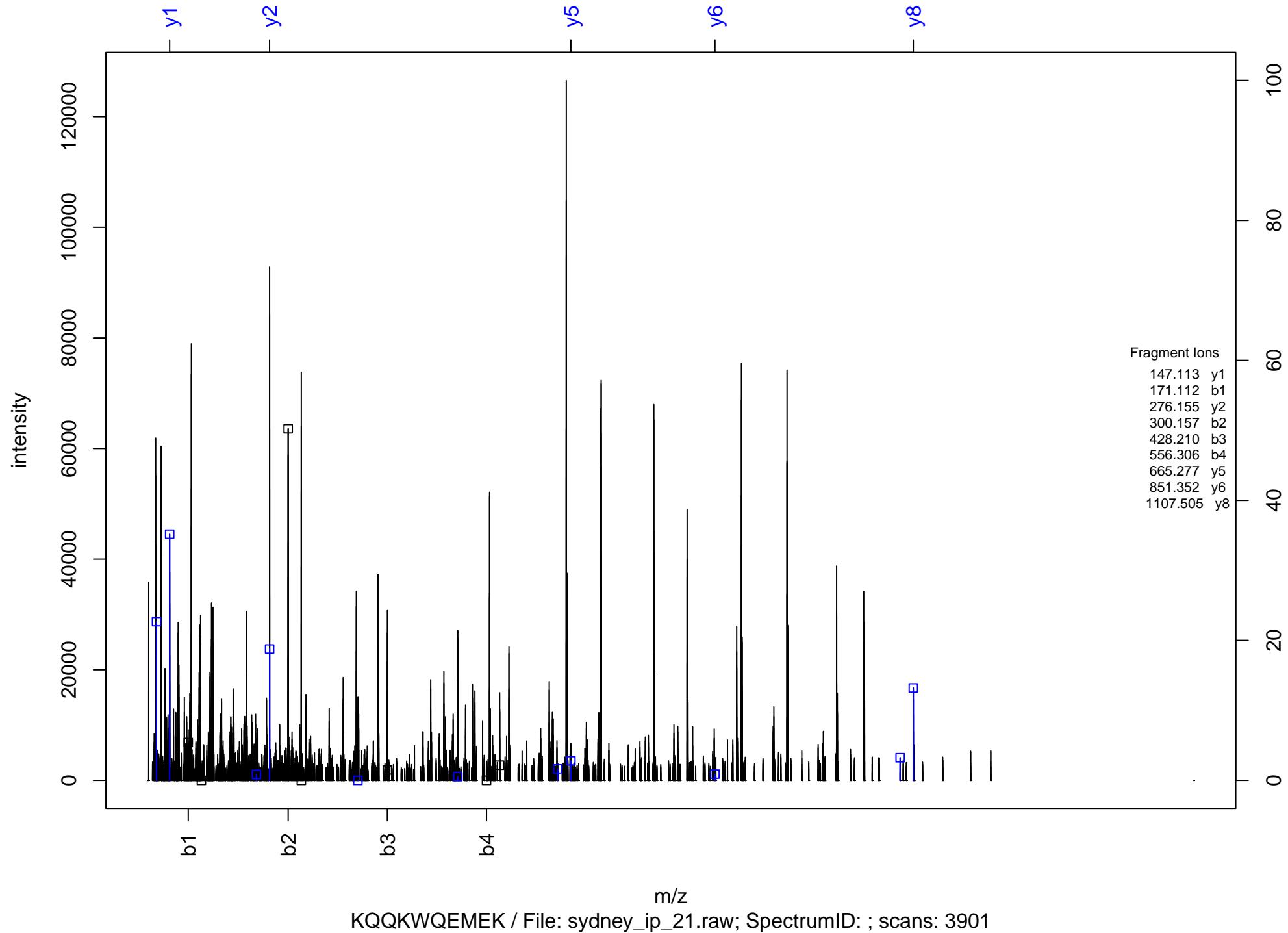
VVATTQM*QAADAR



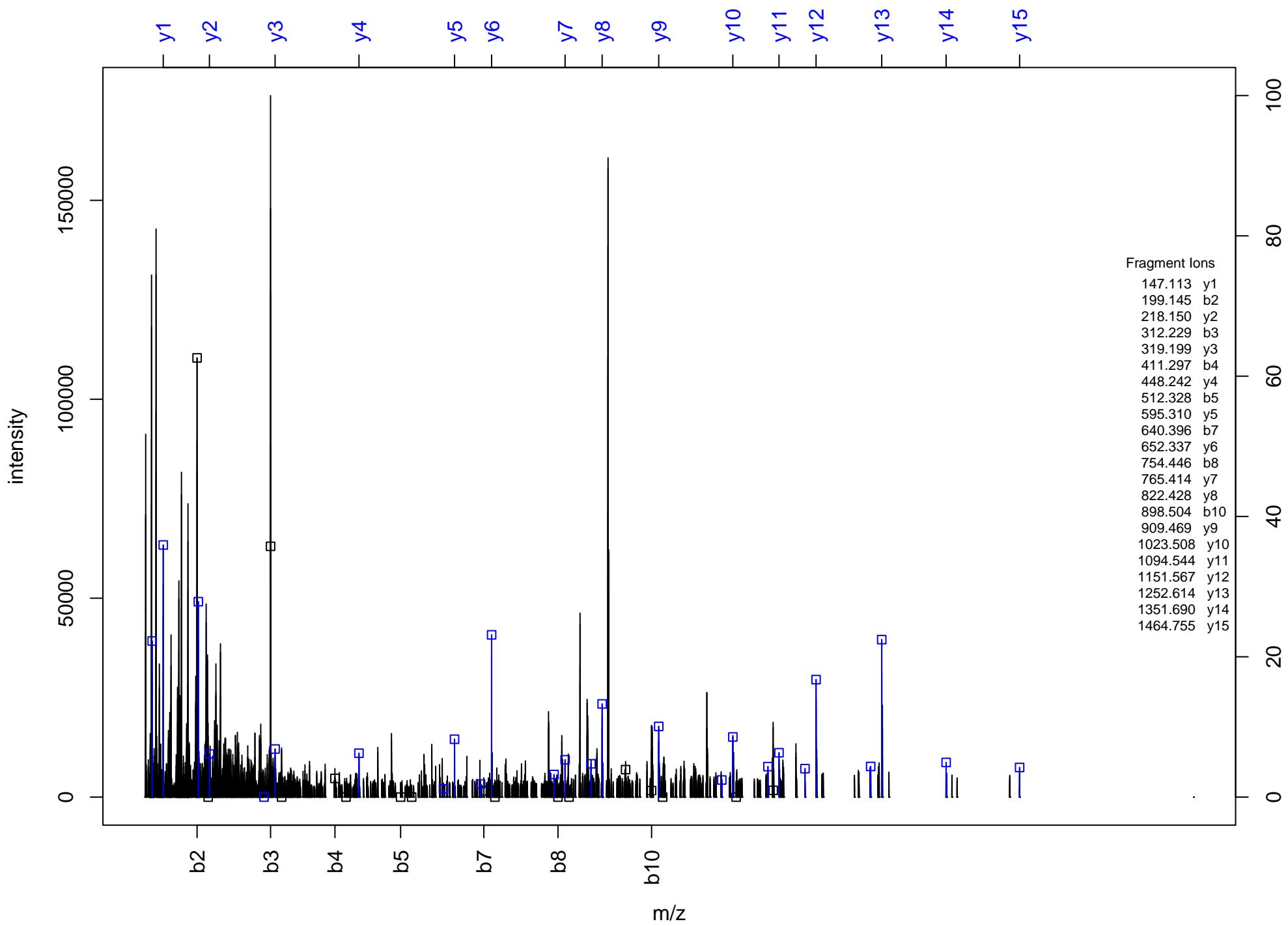
RDWEQ^LKSHPSLR



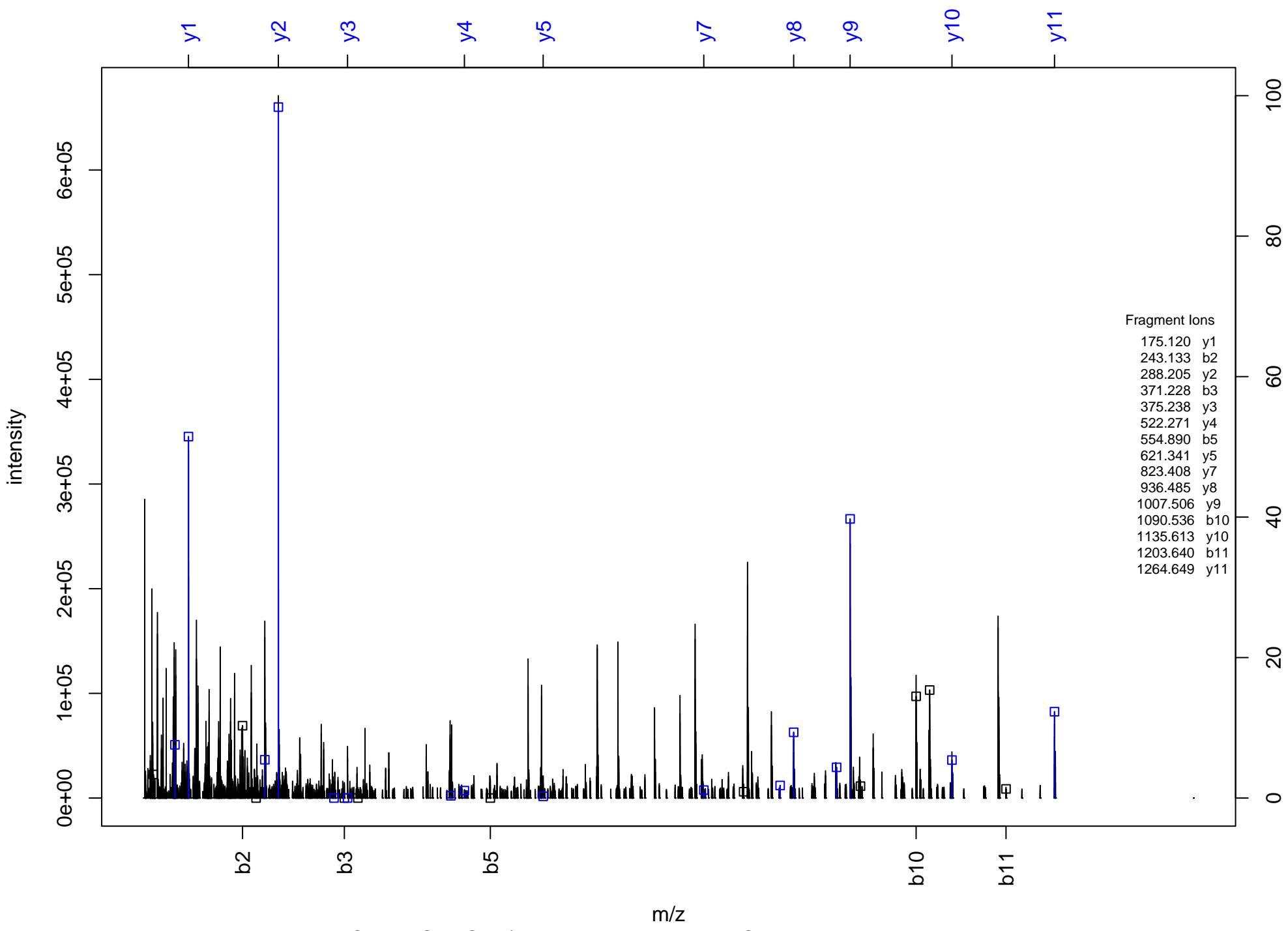
(Ac)KQ⁺QKWQ⁺EMEK



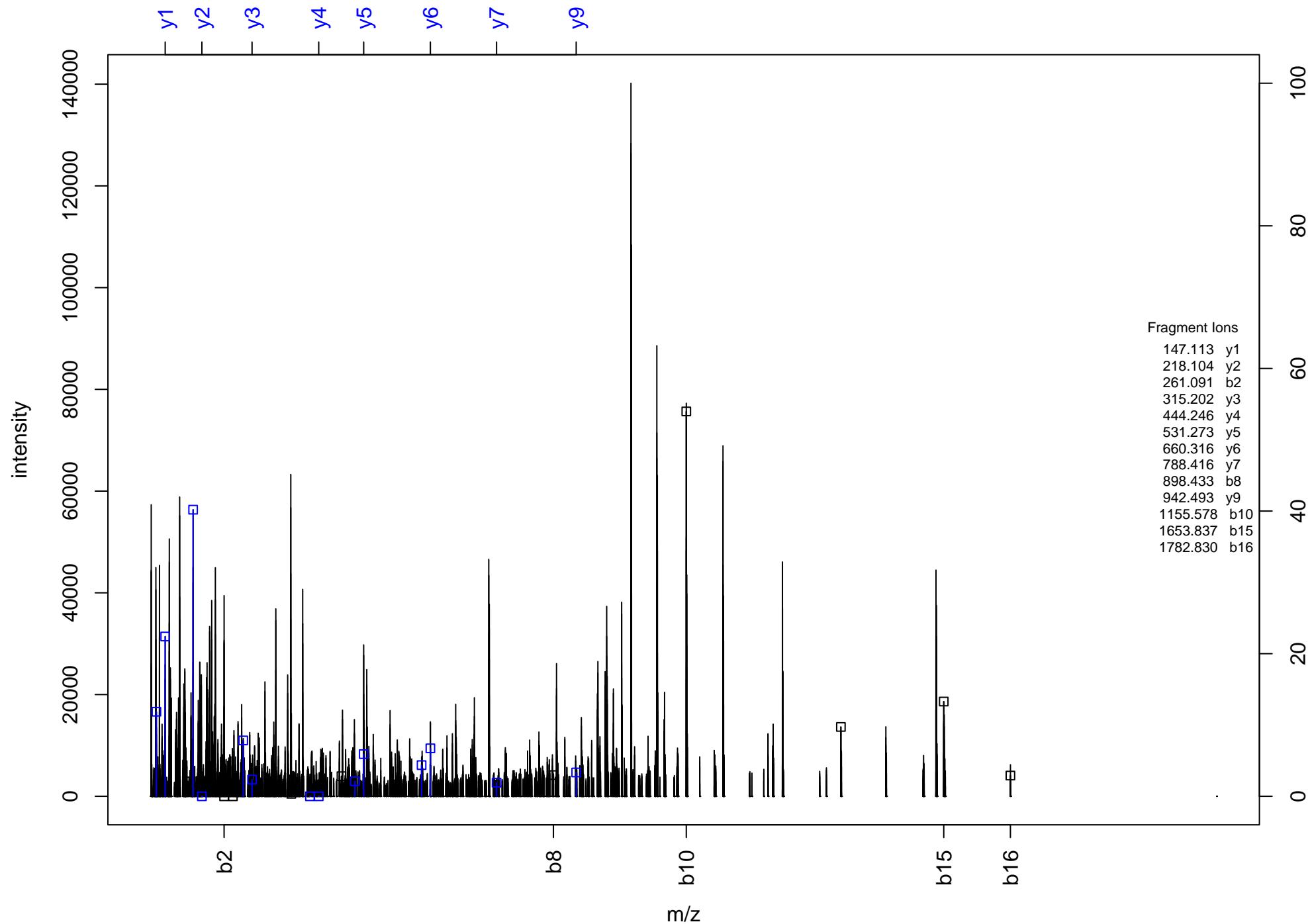
VVLVTGANSIGFETAK



LQ^KALDSVM*SIR

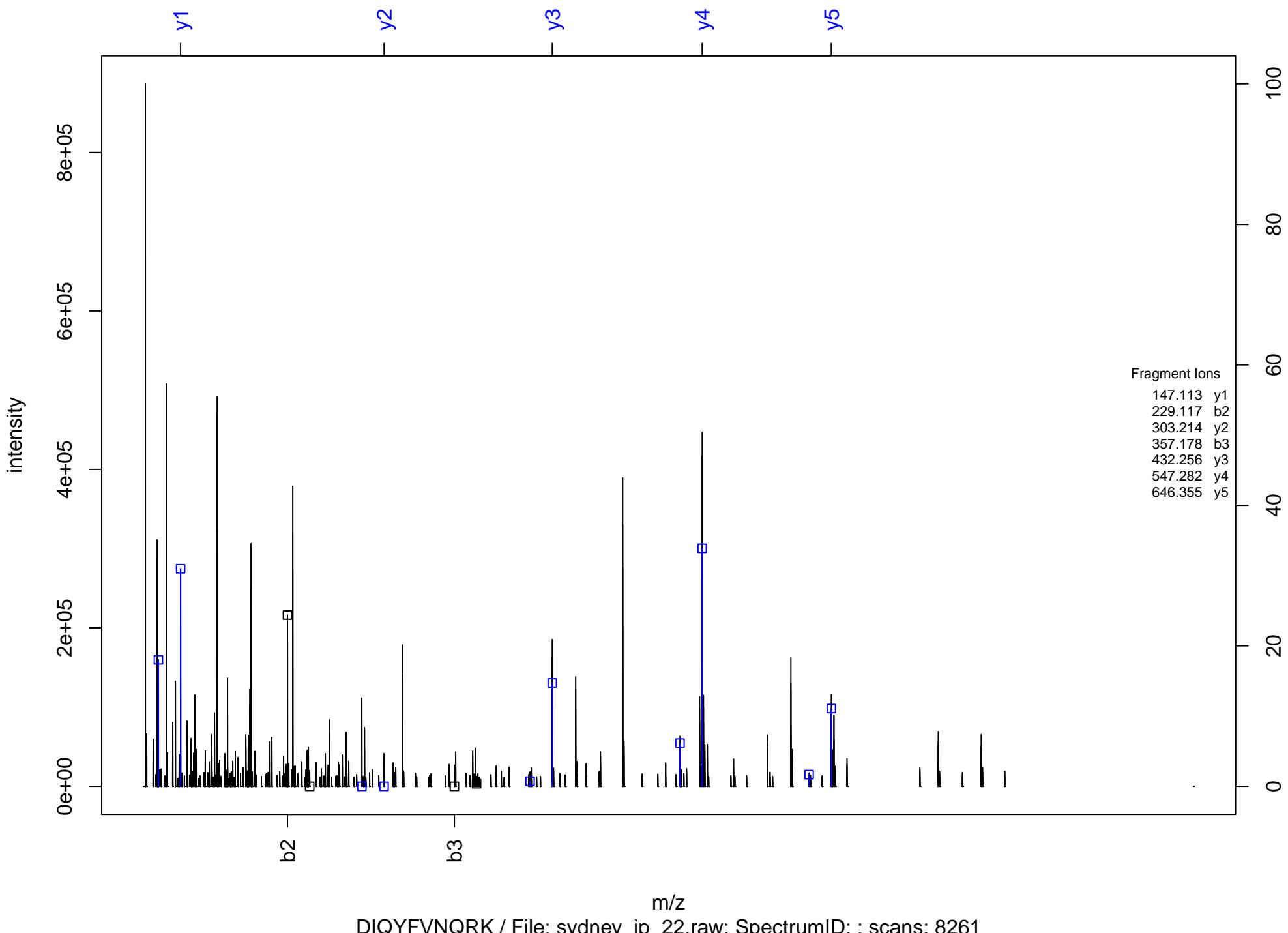


(Ac)MSLPAN[^]QIKEPGKQ[^]SQ[^]PAK

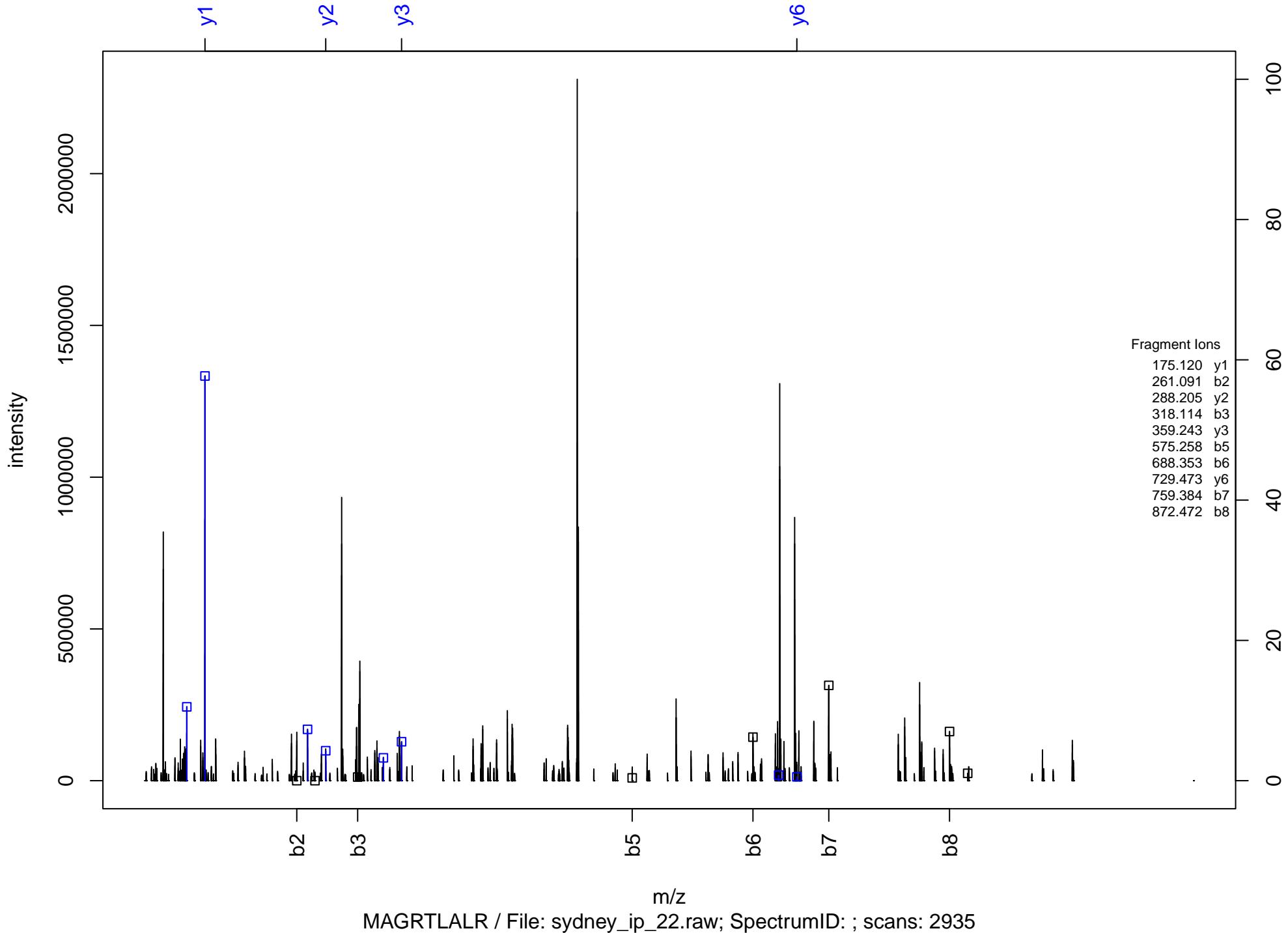


Fragment Ions
147.113 y1
218.104 y2
261.091 b2
315.202 y3
444.246 y4
531.273 y5
660.316 y6
788.416 y7
898.433 b8
942.493 y9
1155.578 b10
1653.837 b15
1782.830 b16

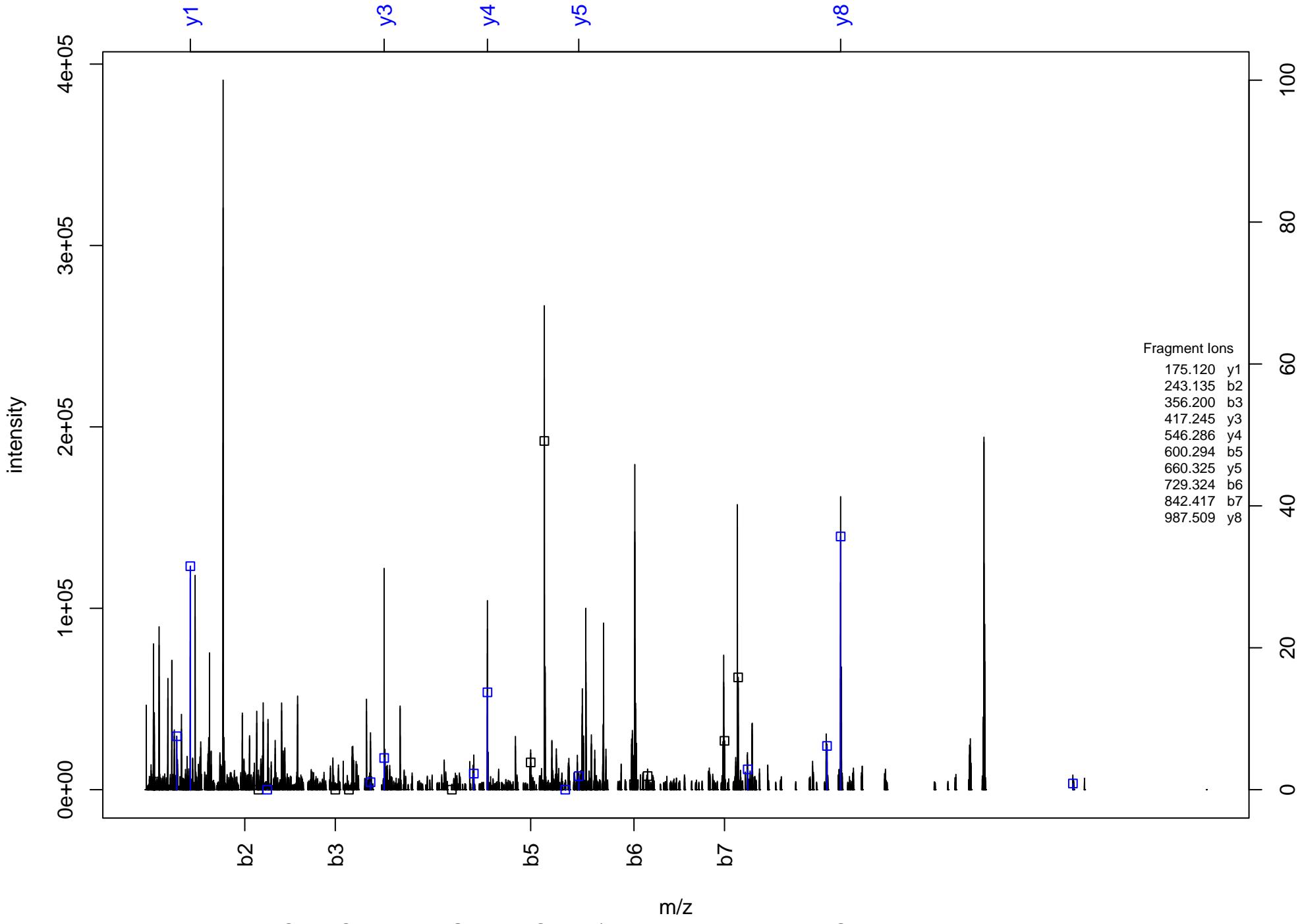
DIQYFVN^Q^RK



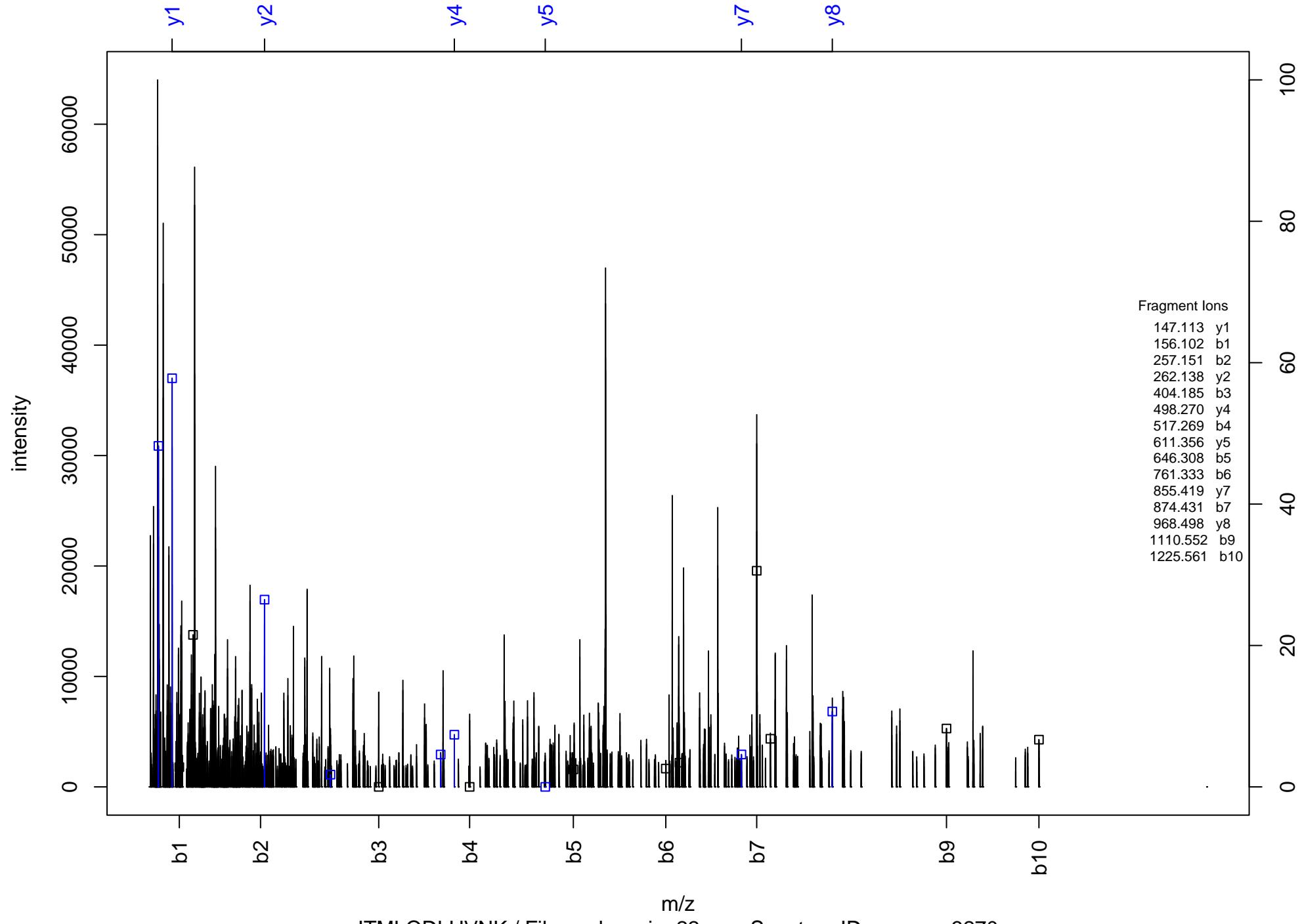
(Ac)M^{*}AGRTLALR



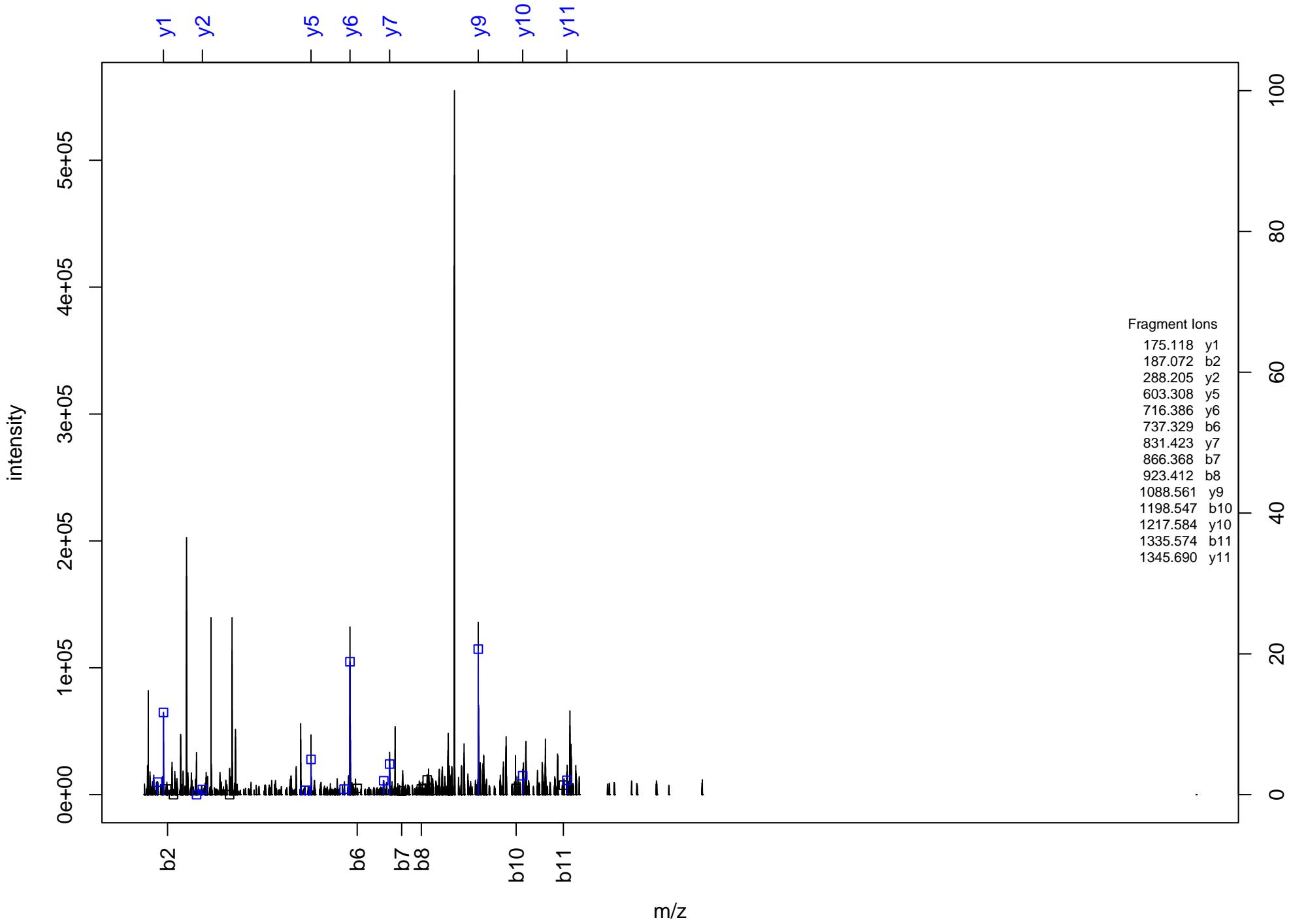
LQ^LEN^Q^LLREKTHGLVVENQ^ELR



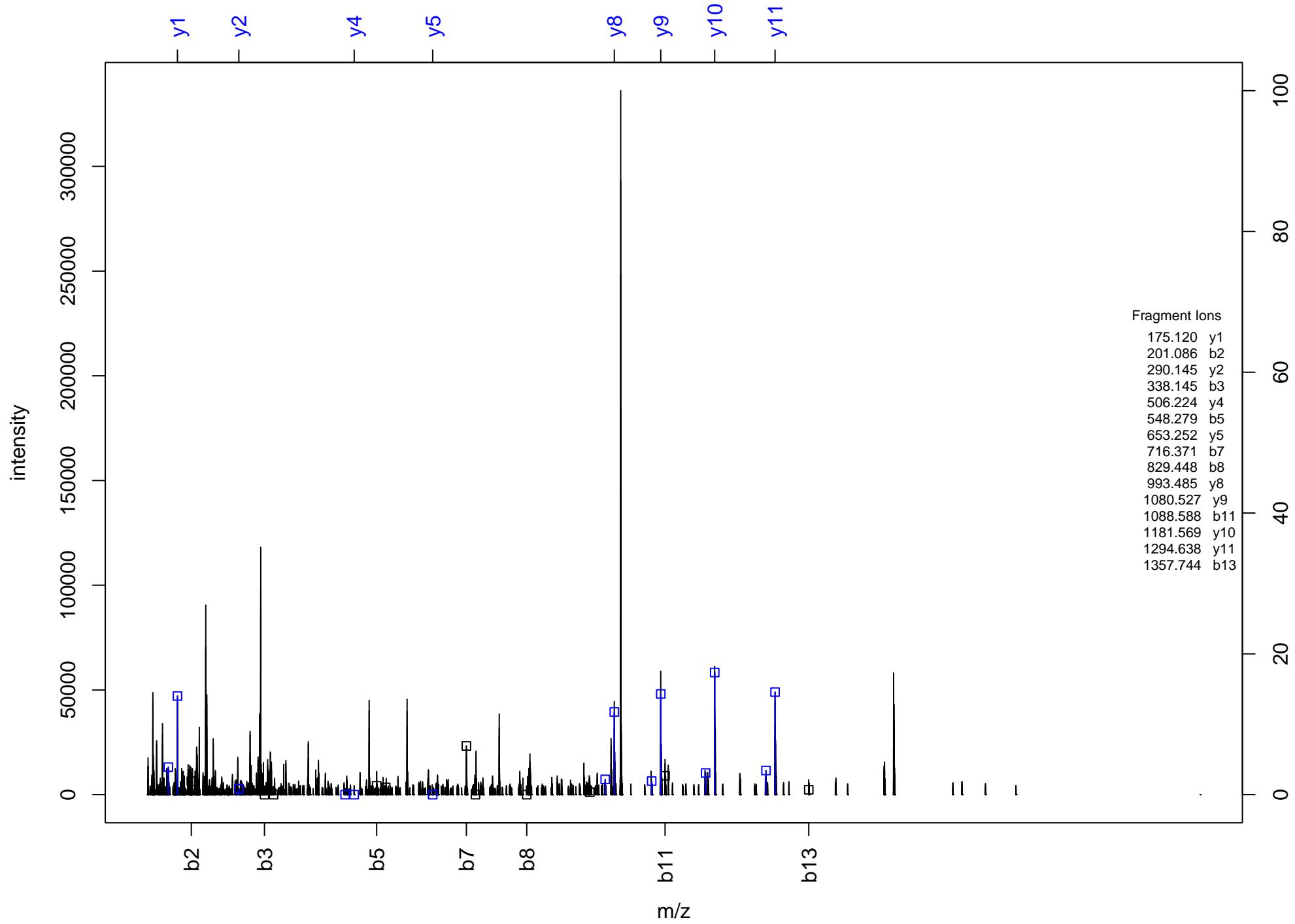
(Ac)ITM*LQ^DLHVNV^K



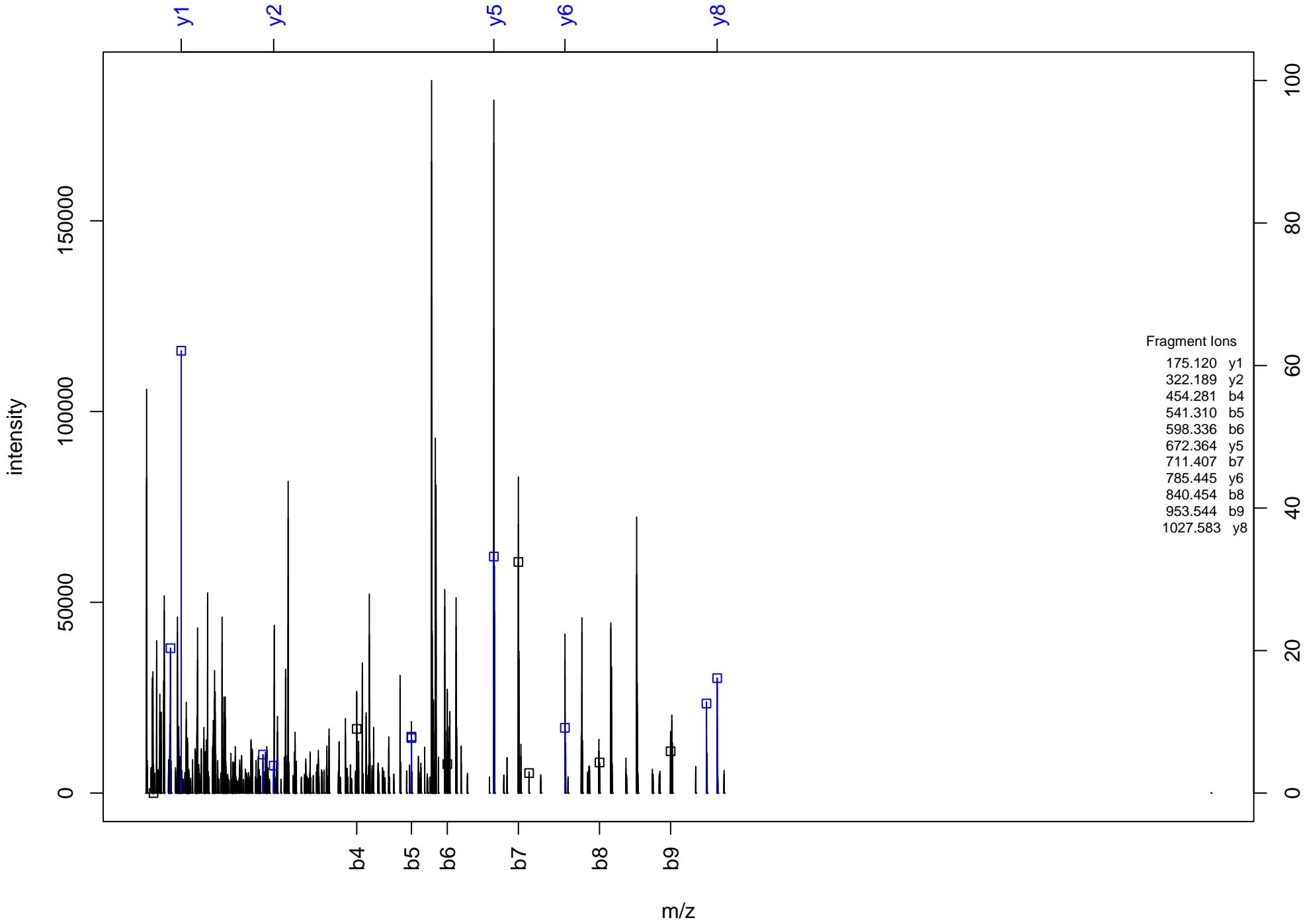
DAYHHLQ^GQFHEQ^NKEKEN^IADQ^LR



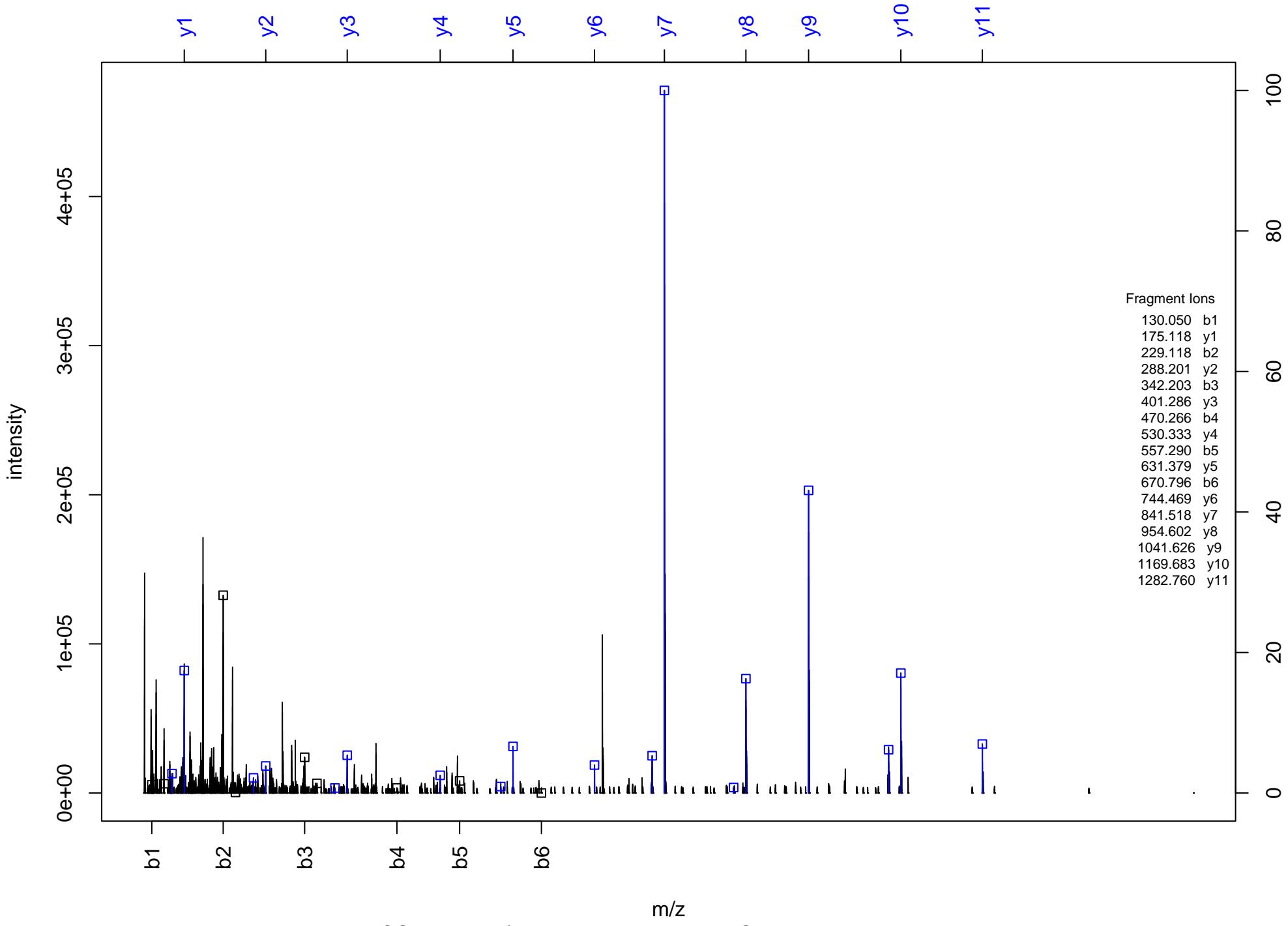
AQ^HLPAPITSALRM*Q^SN^R



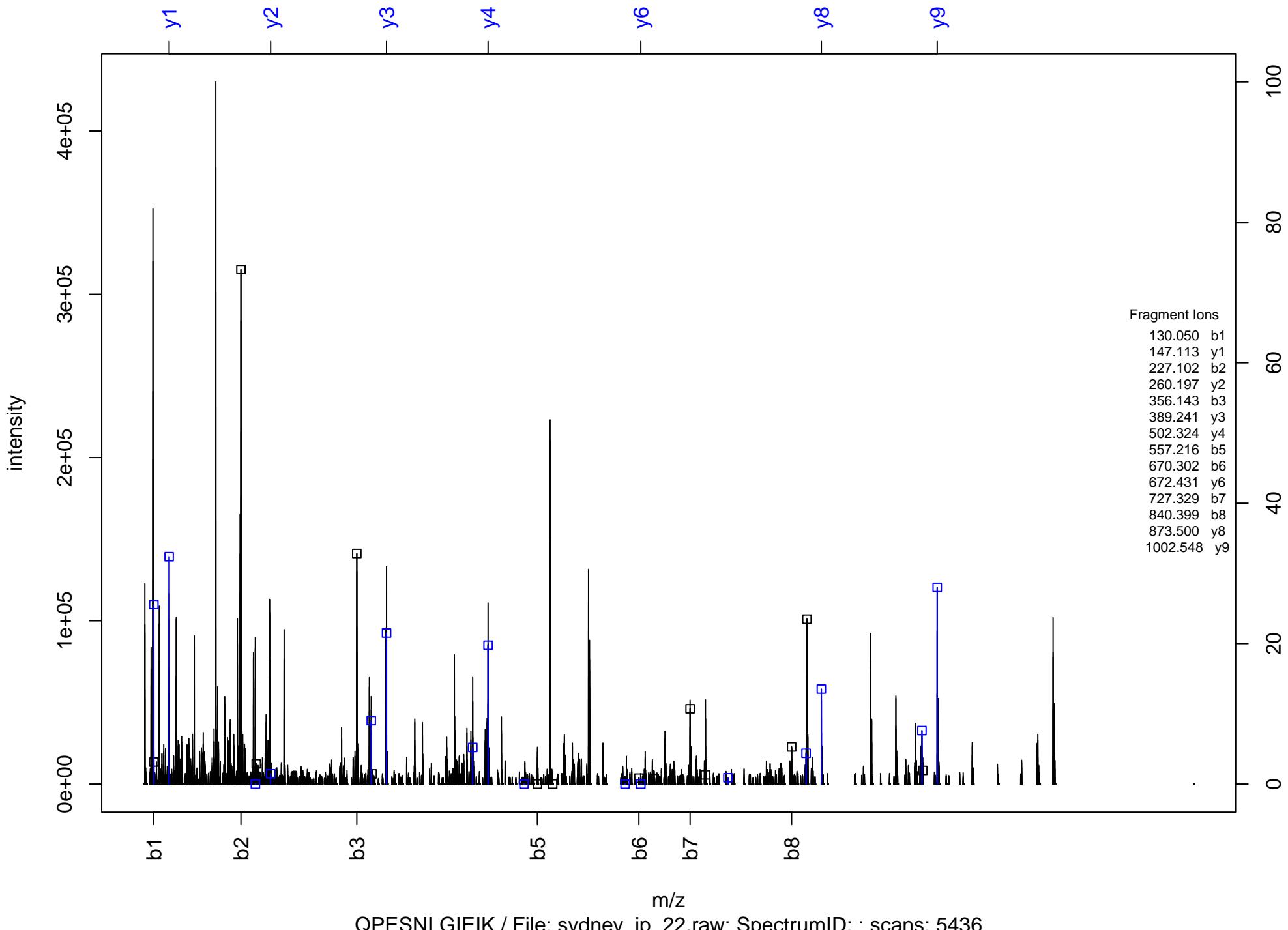
LRPSSGLQ^ILNVHFR



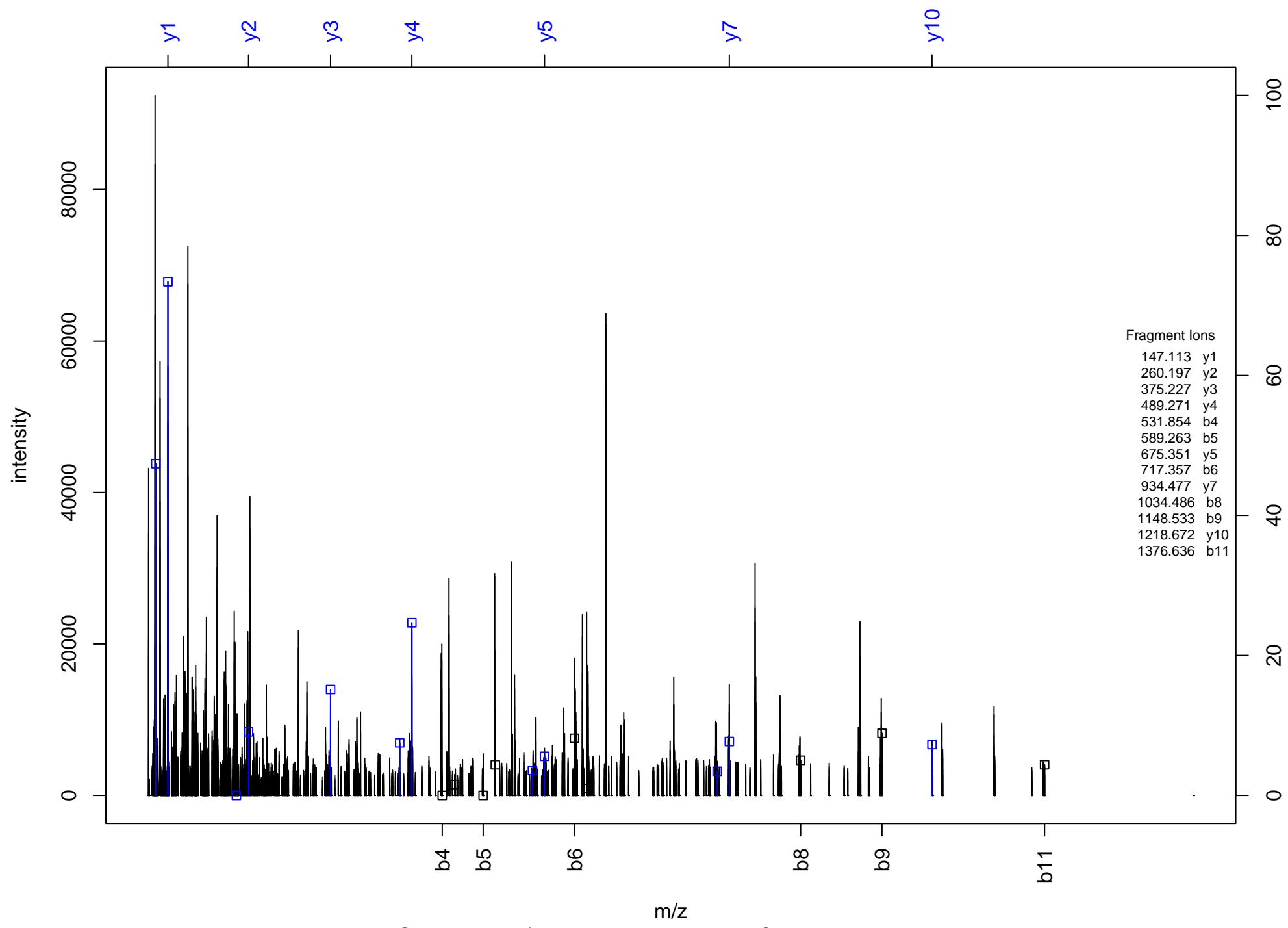
EVLQSLPLTEIIR



QPESNLGIEIK

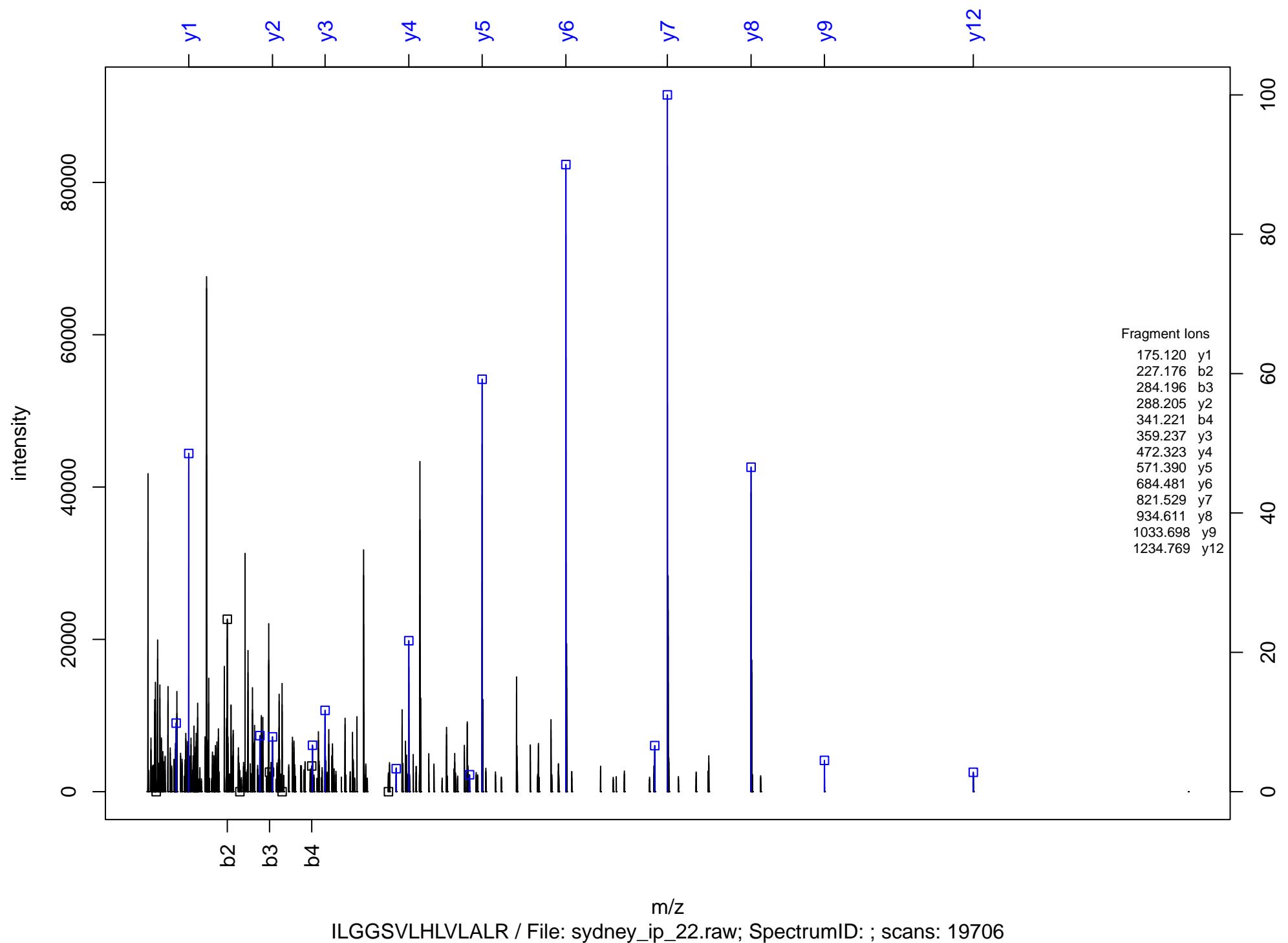


(Ac)M^{*}DKVGKMWNN[^]LK

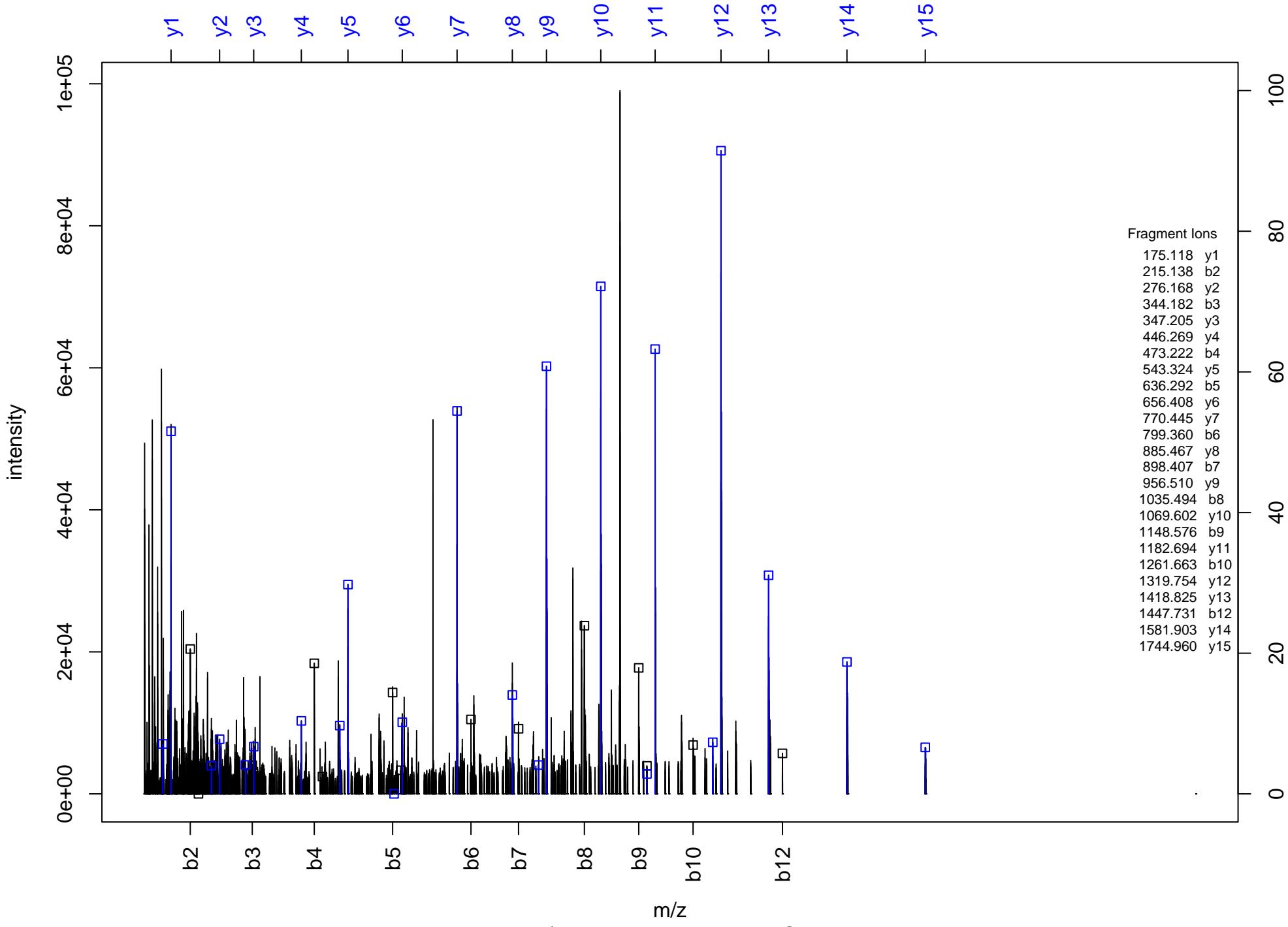


MDKVGKMWNNLK / File: sydney_ip_22.raw; SpectrumID: ; scans: 5407

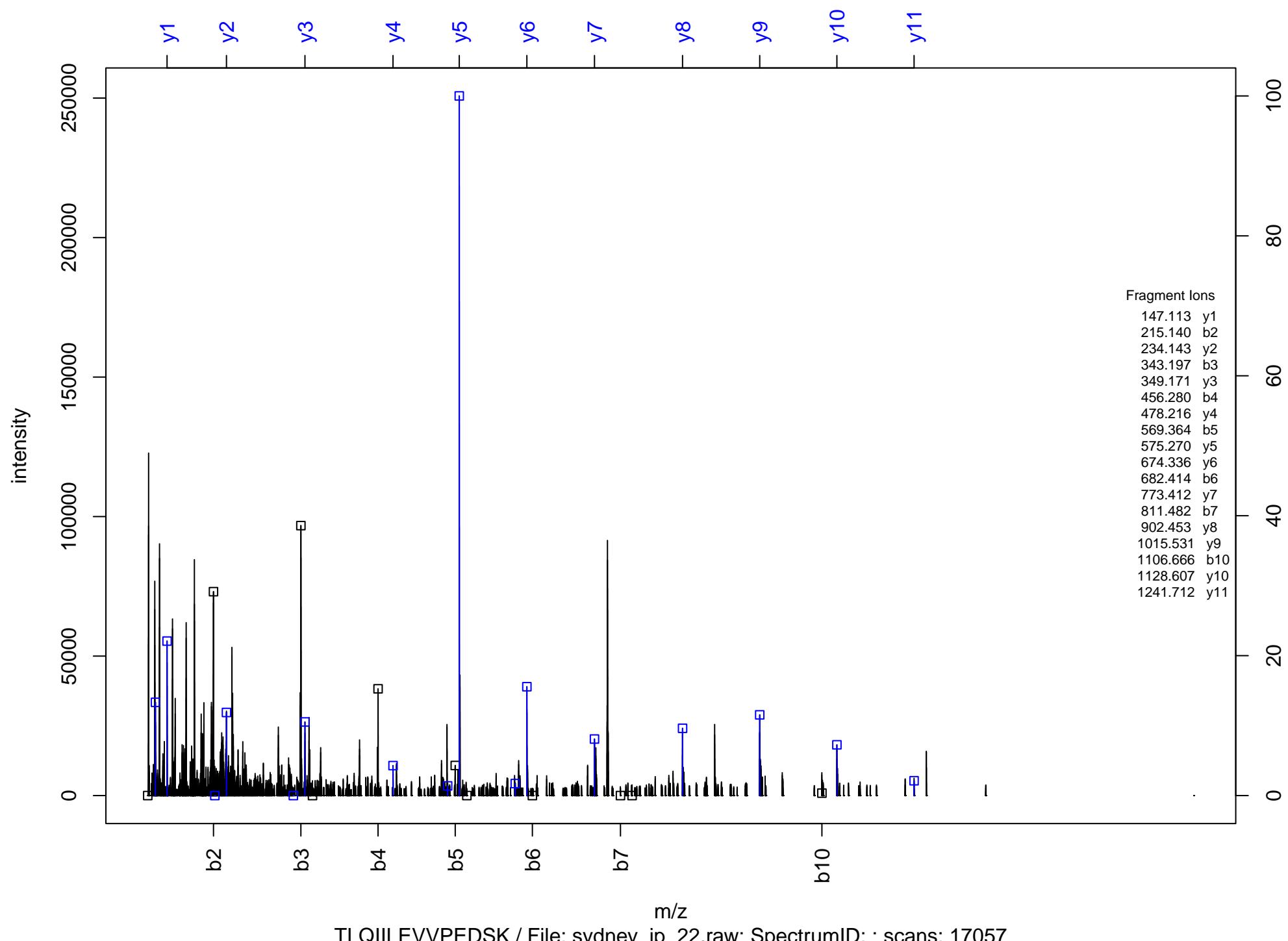
ILGGSQLHLVLALR



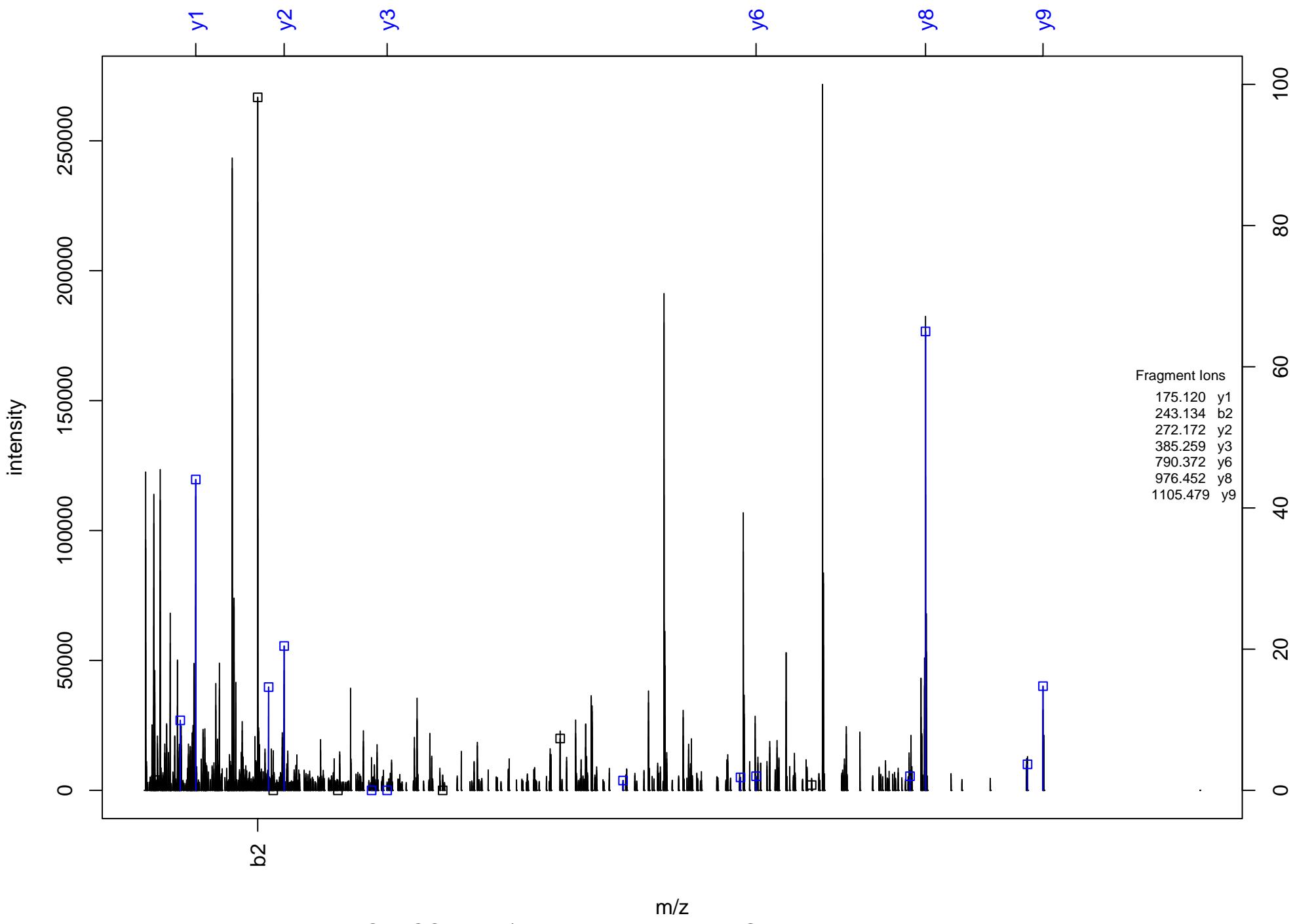
ITEEYYVHLIADNLPVATR



TLQIILEVVPEDSK

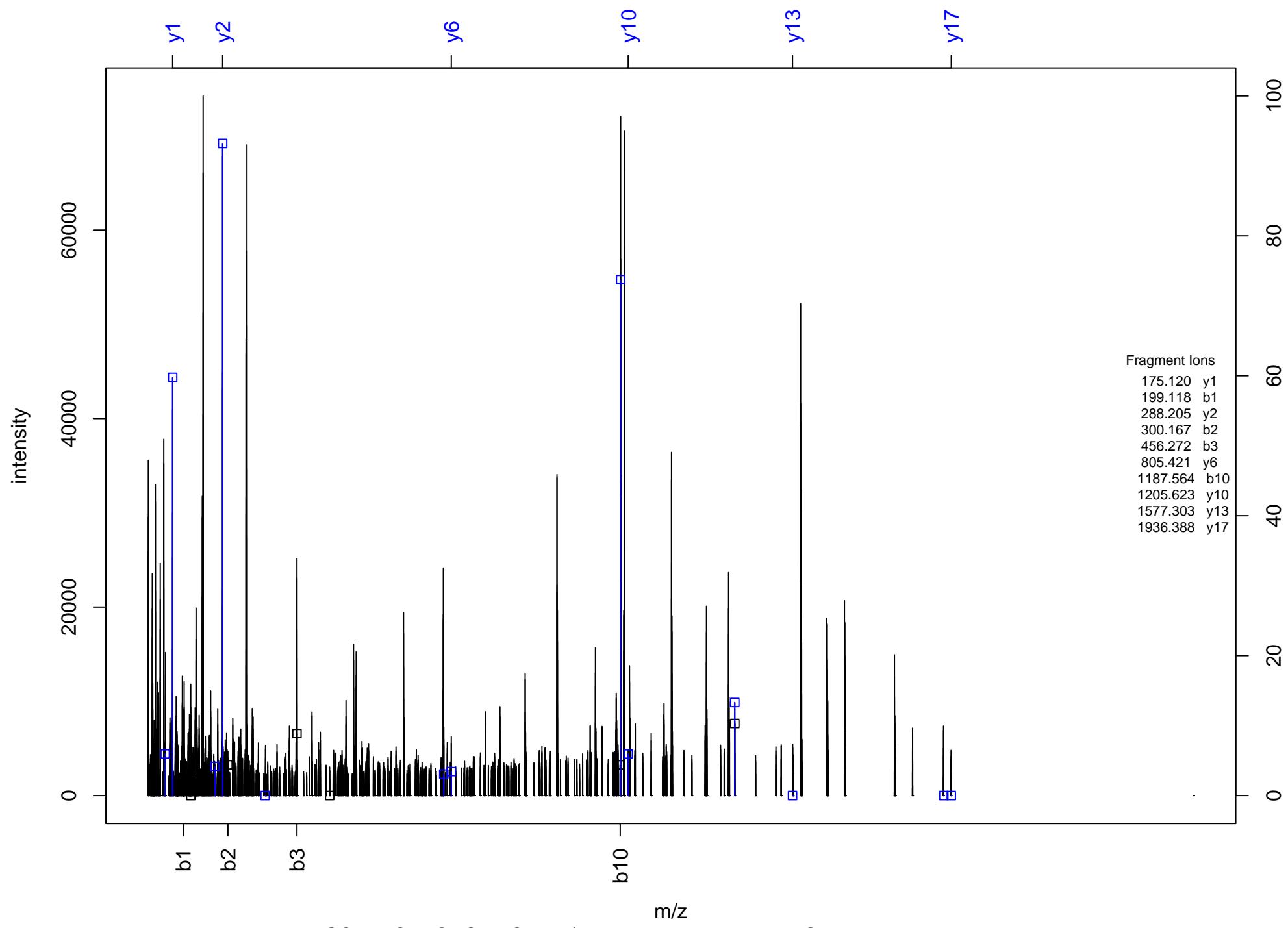


LQ^AN^AQ^QQ^{M*}LPR

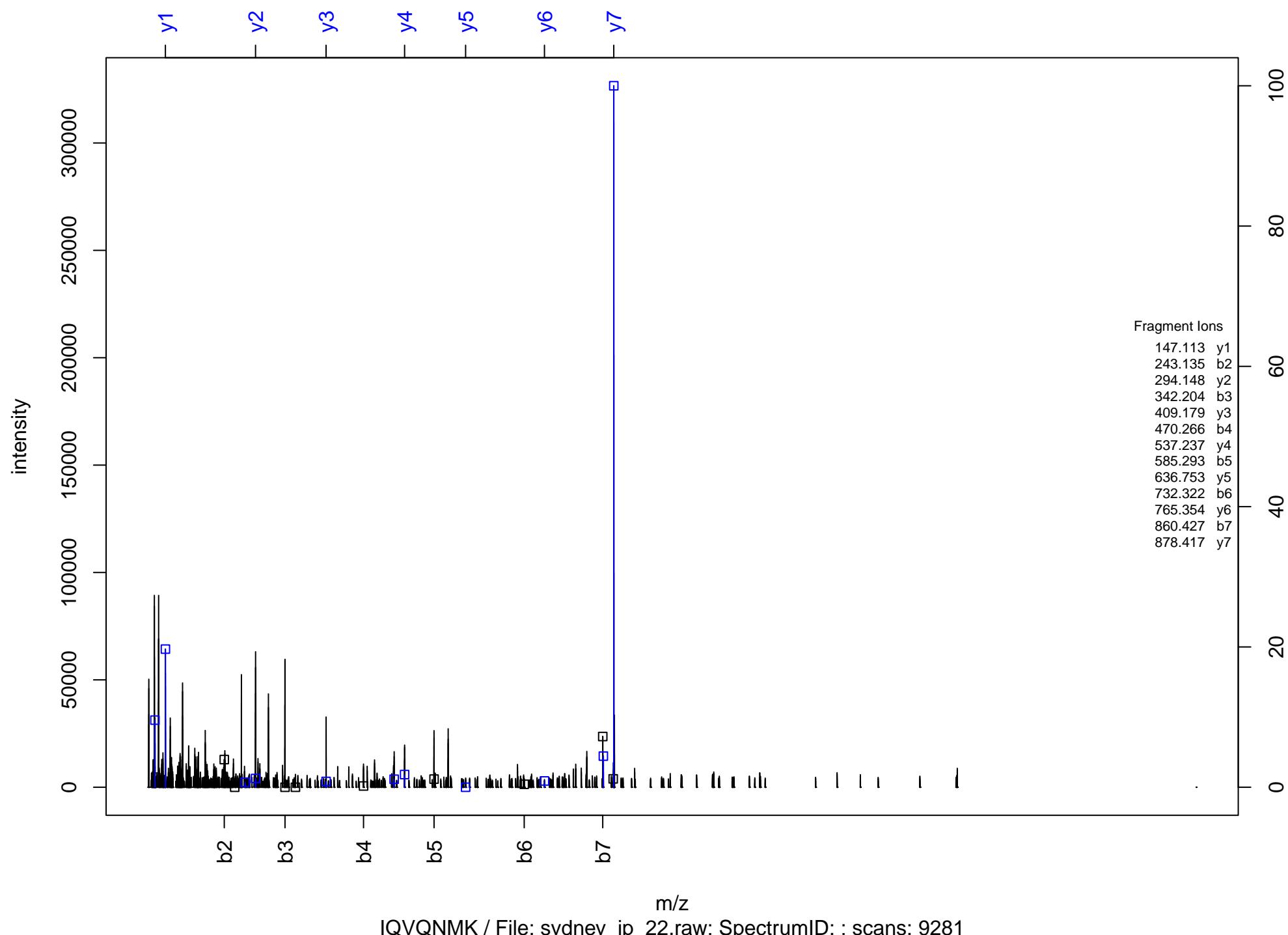


Fragment Ions	
175.120	y1
243.134	b2
272.172	y2
385.259	y3
790.372	y6
976.452	y8
1105.479	y9

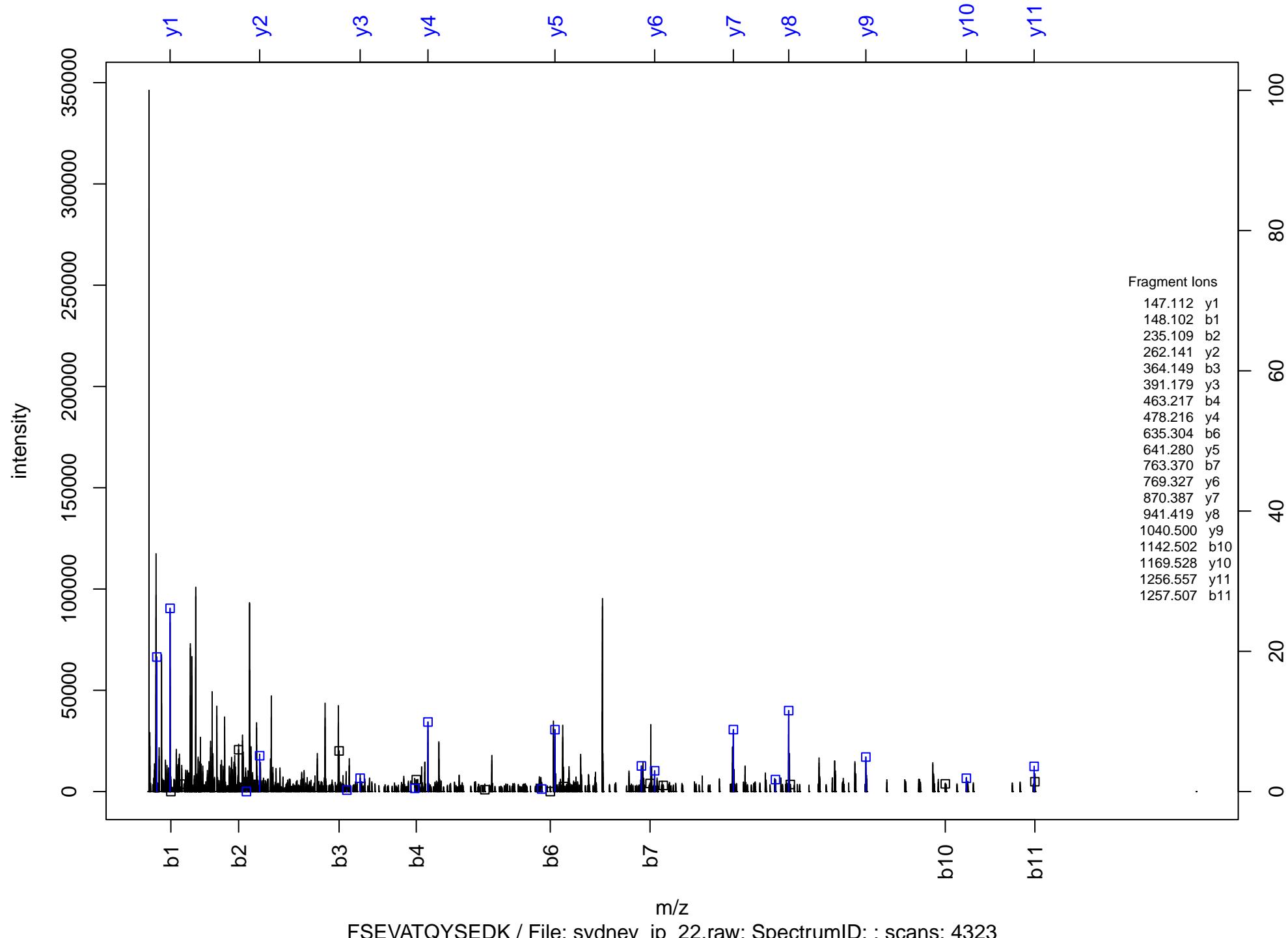
(Ac)RTRGSTD^LQ^AELQ^AASM^{*}EQLLR



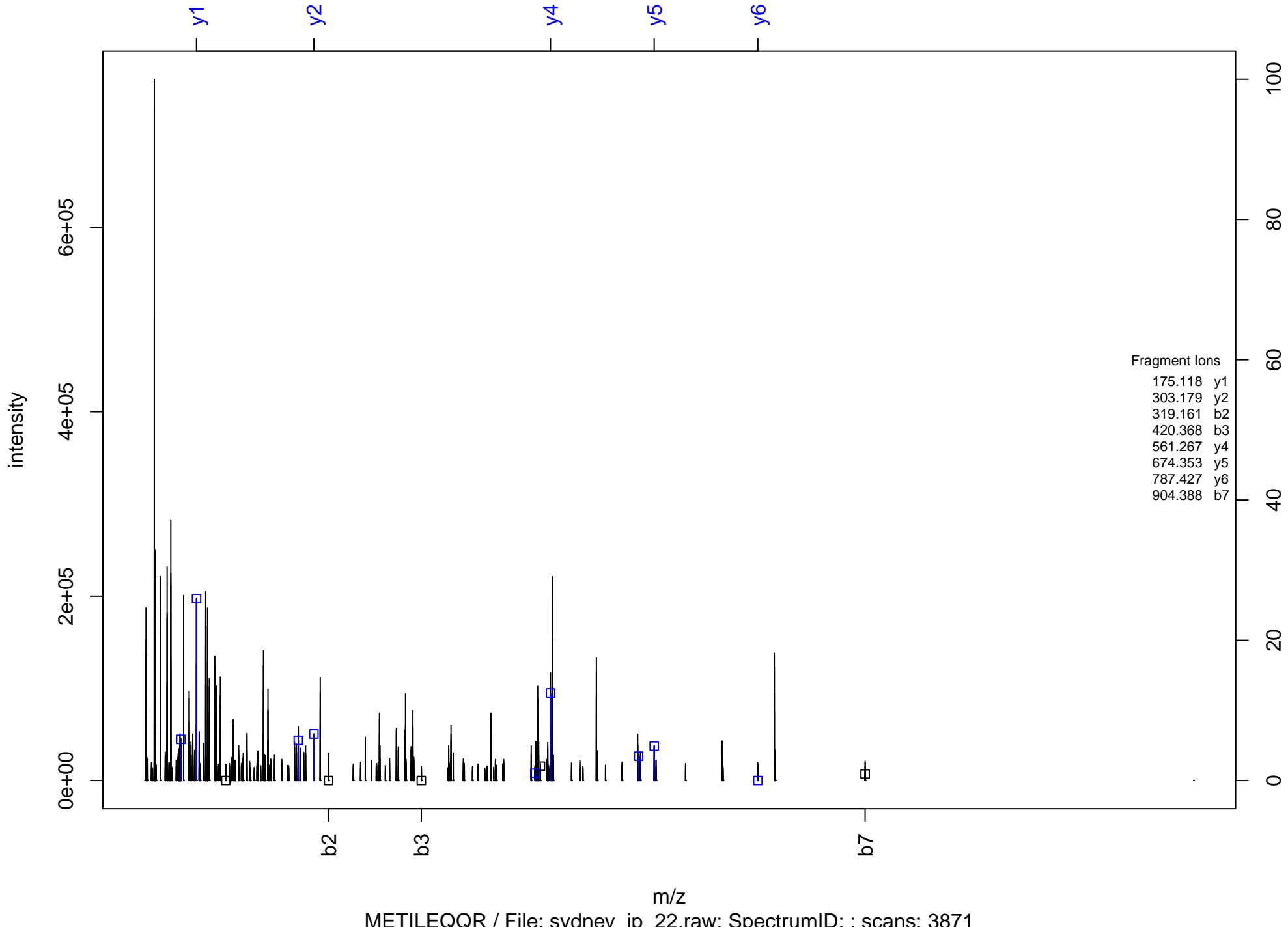
IQ^VQNM^K



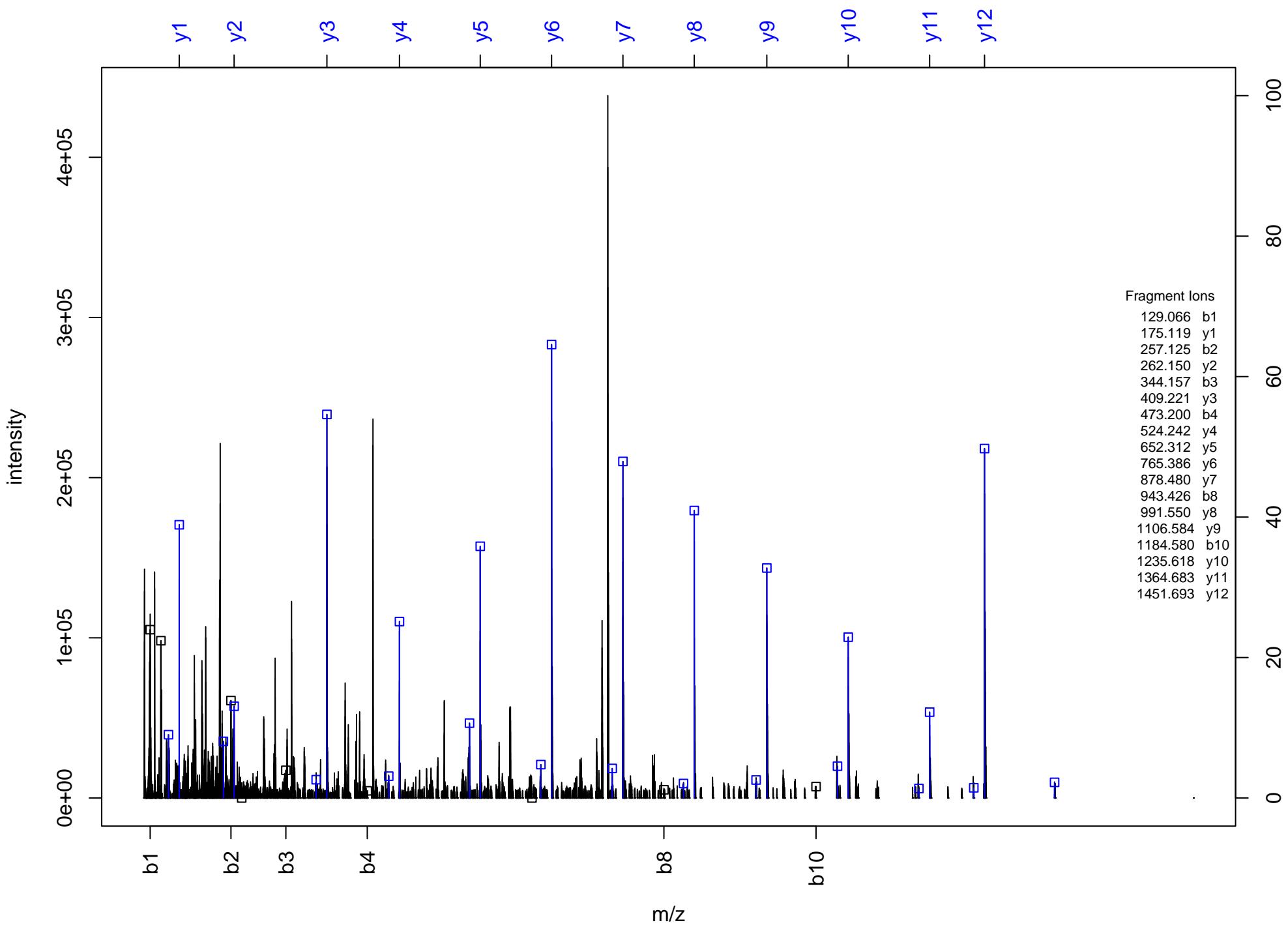
FSEVATQYSEDK



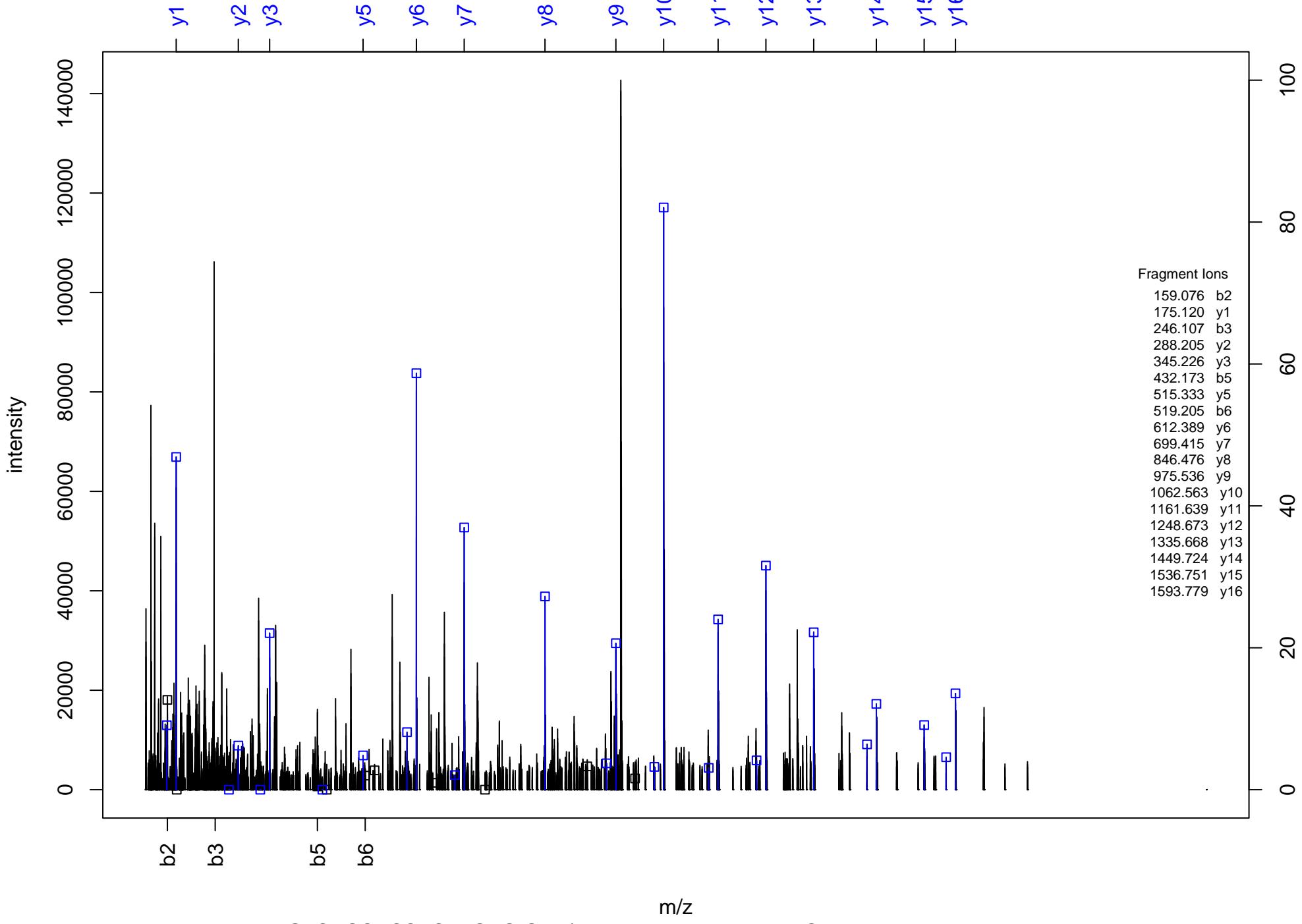
(Ac)M*ETILEQ^QR



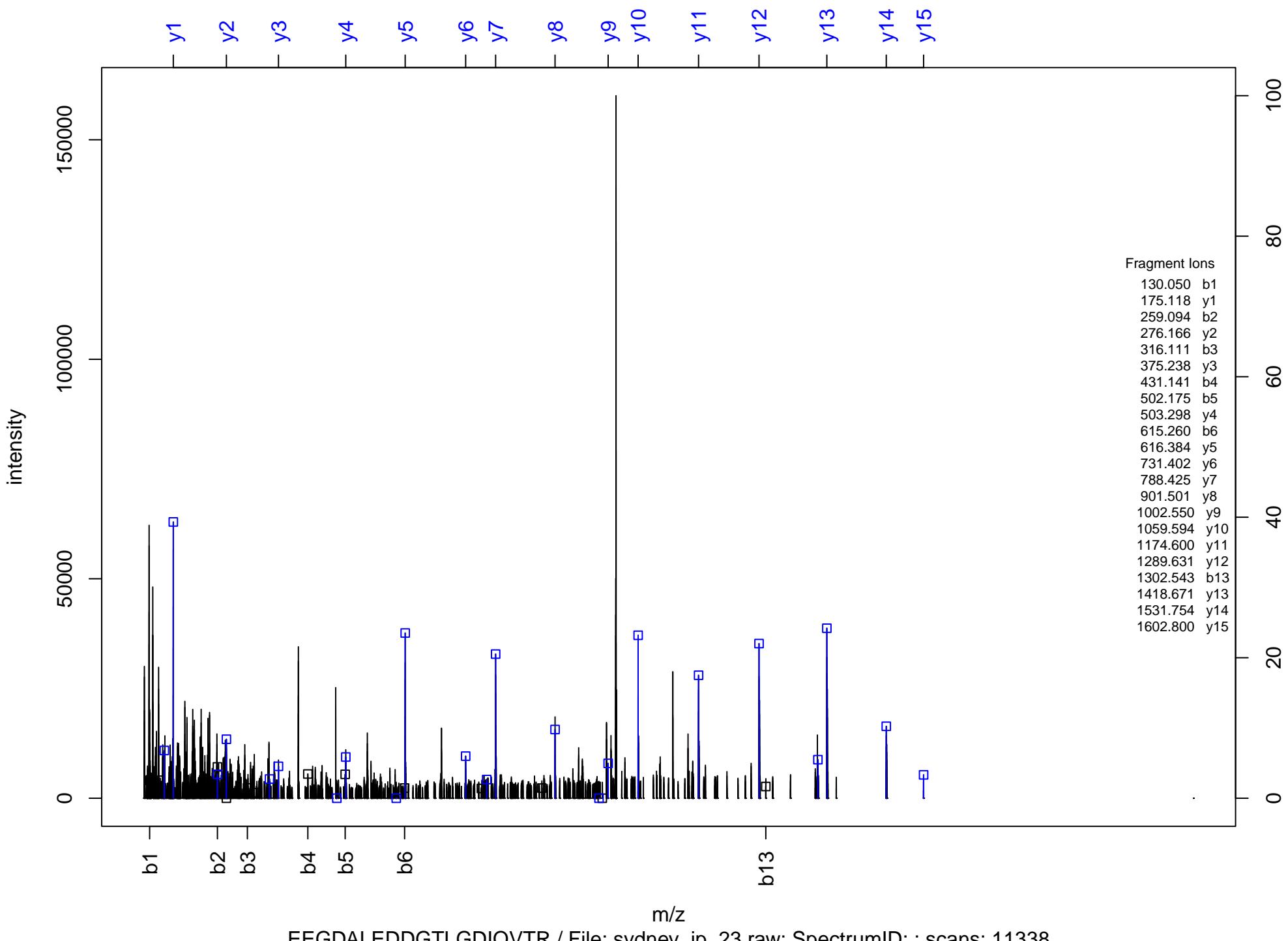
QQSEEDLLLQDFSR



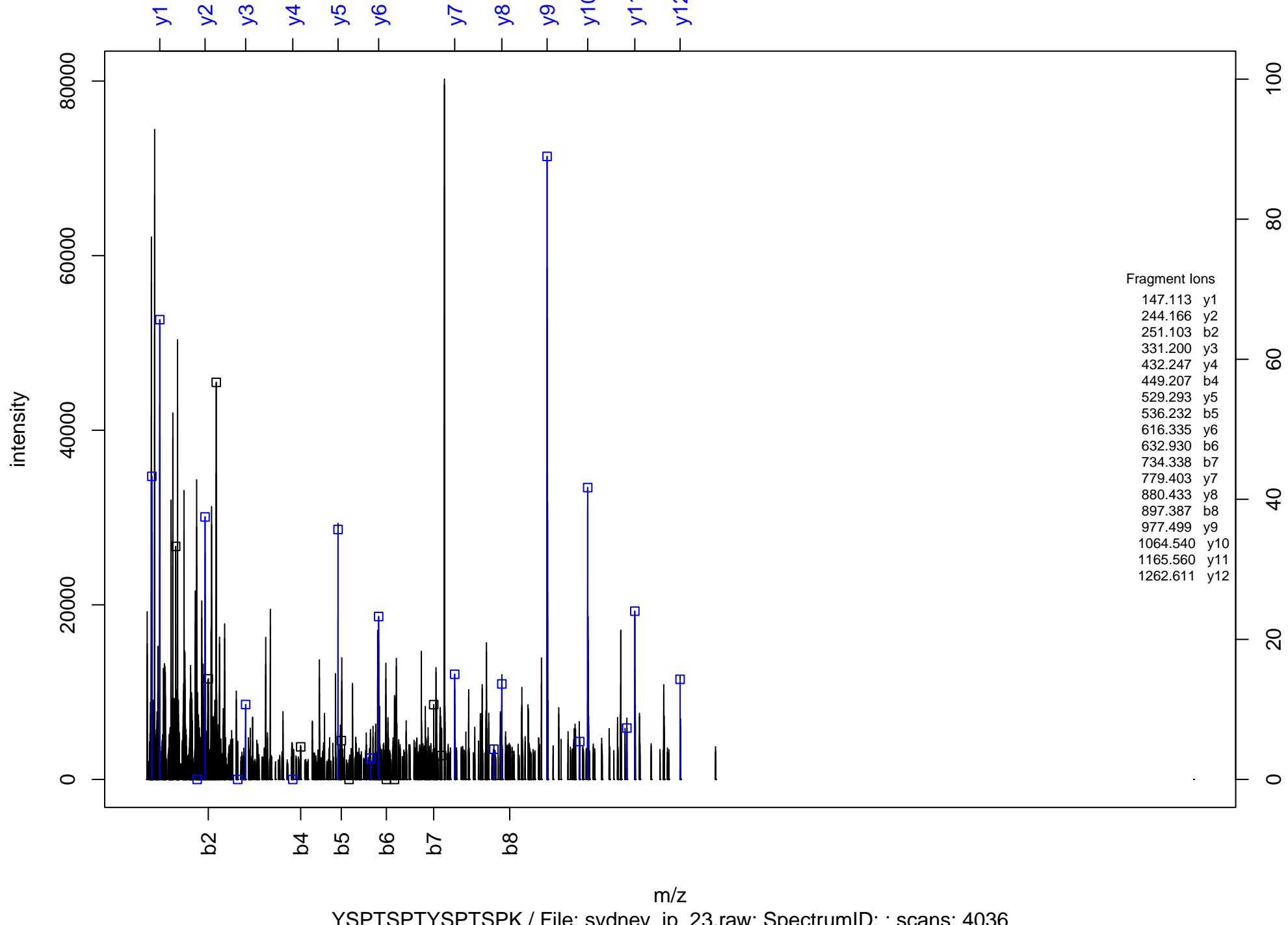
GTSEGSNSSVSEFSPGIGIR



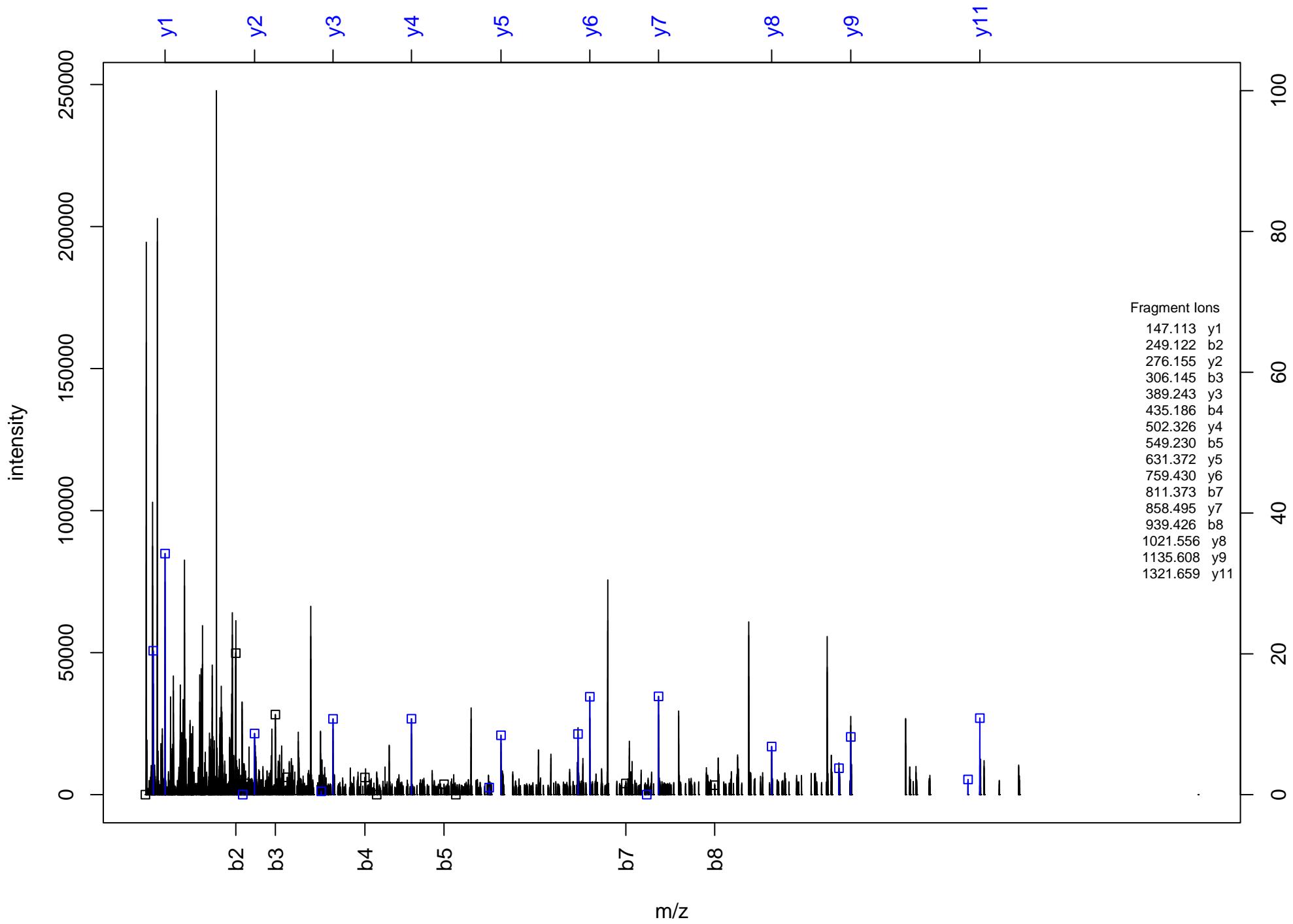
EEGDALEDDGTLGDIQVTR



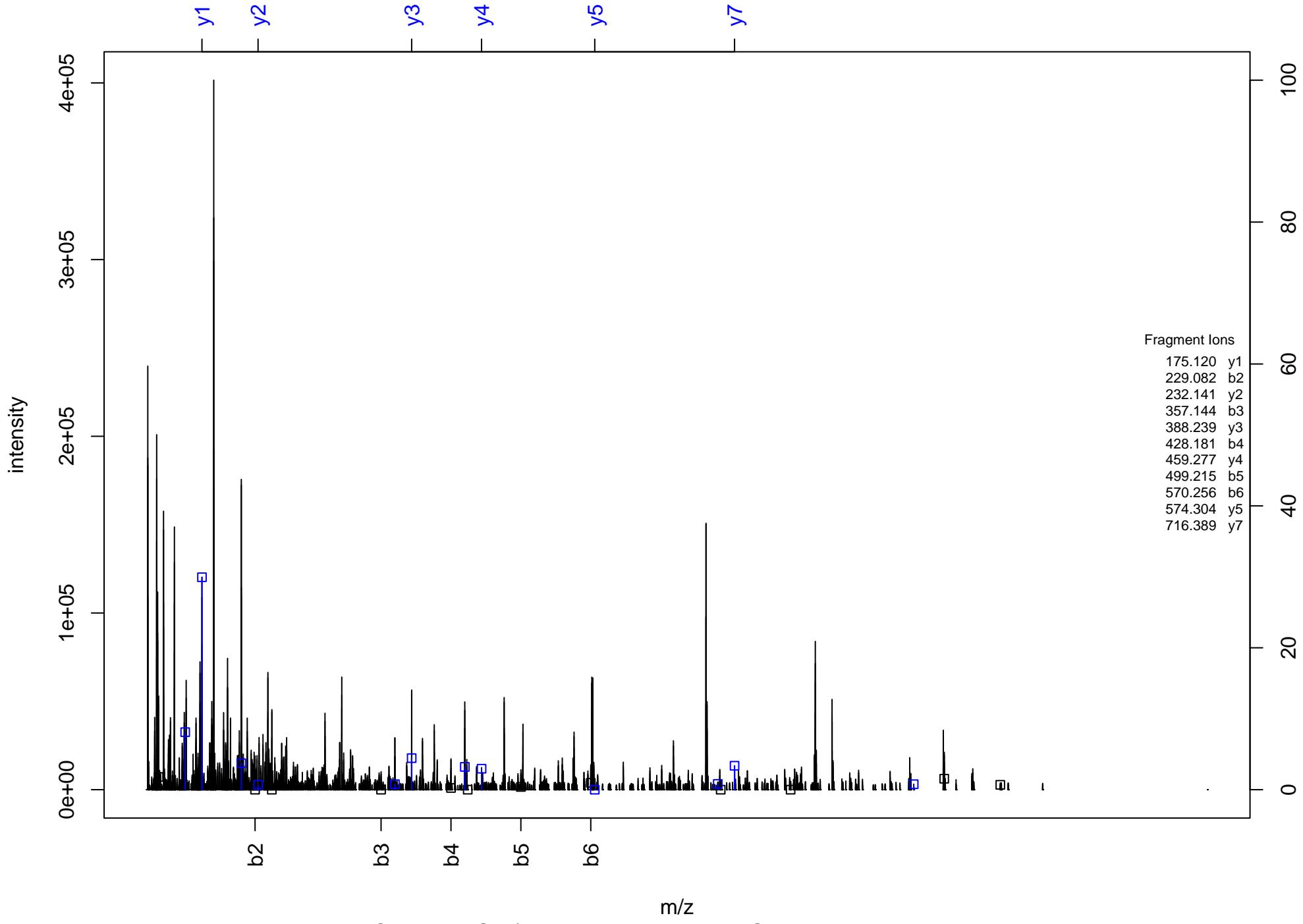
YSPTSPYSPK



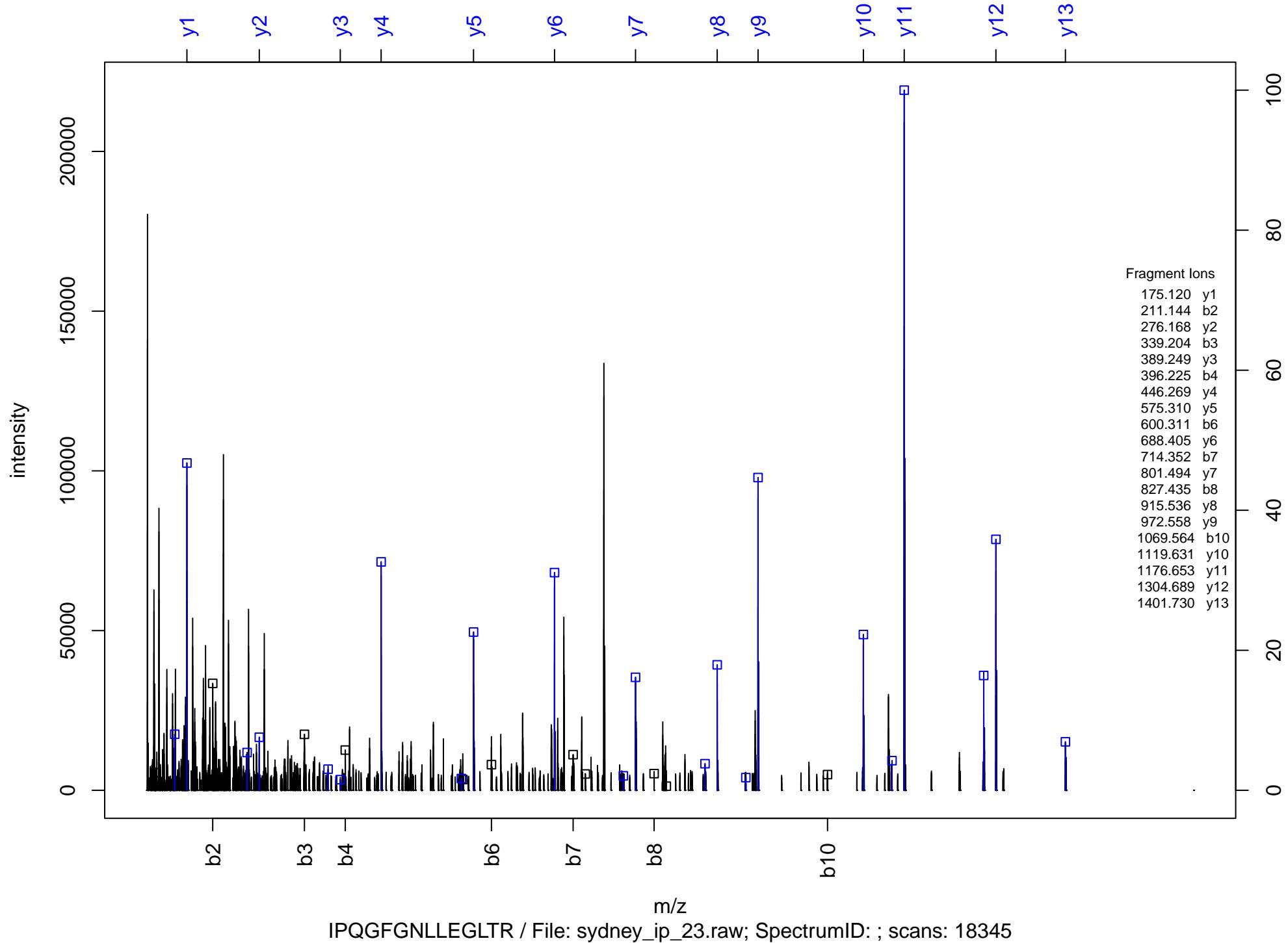
TFGENYVQELLEK



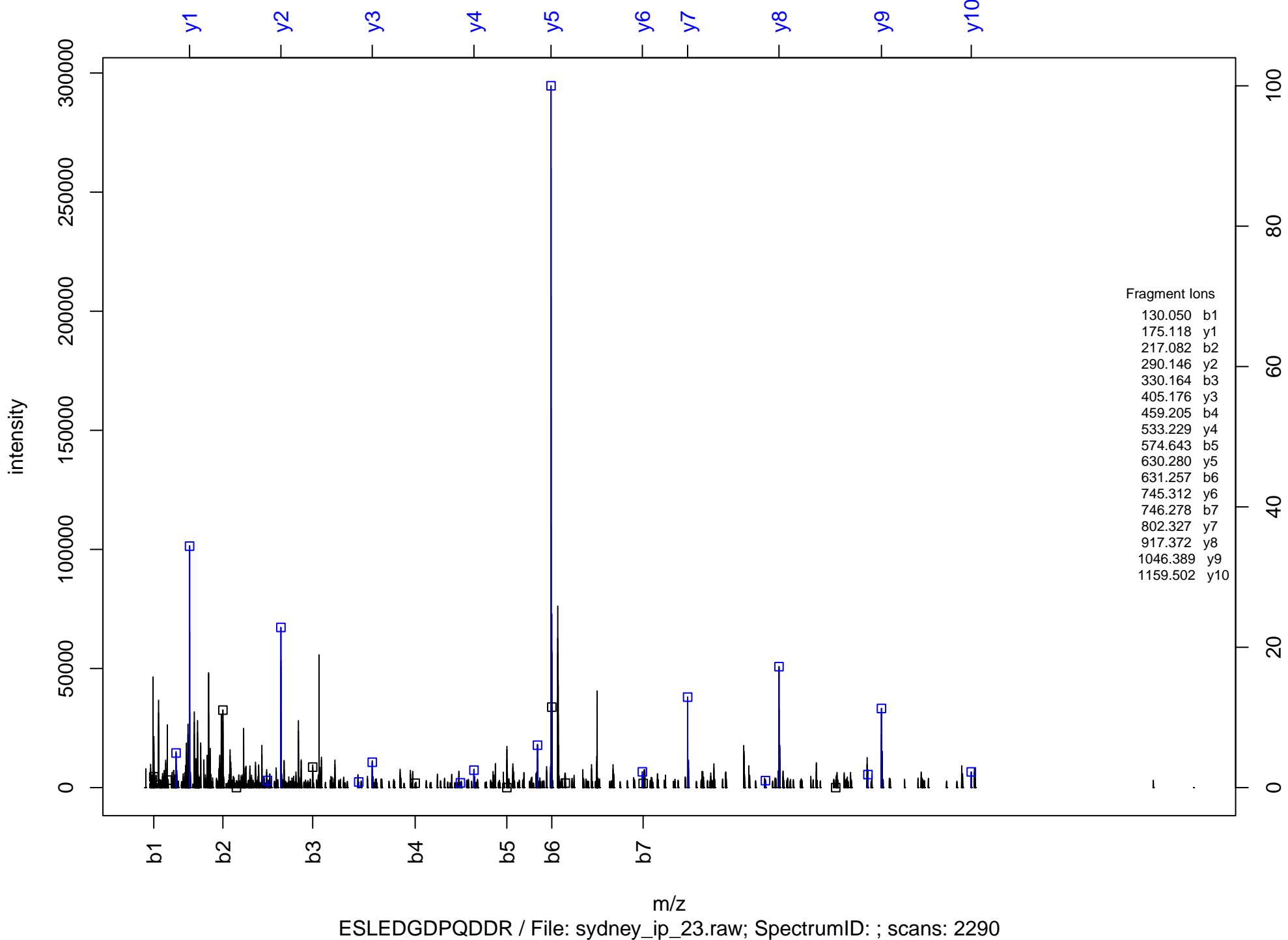
(Ac)AN[^]QAAADARGR



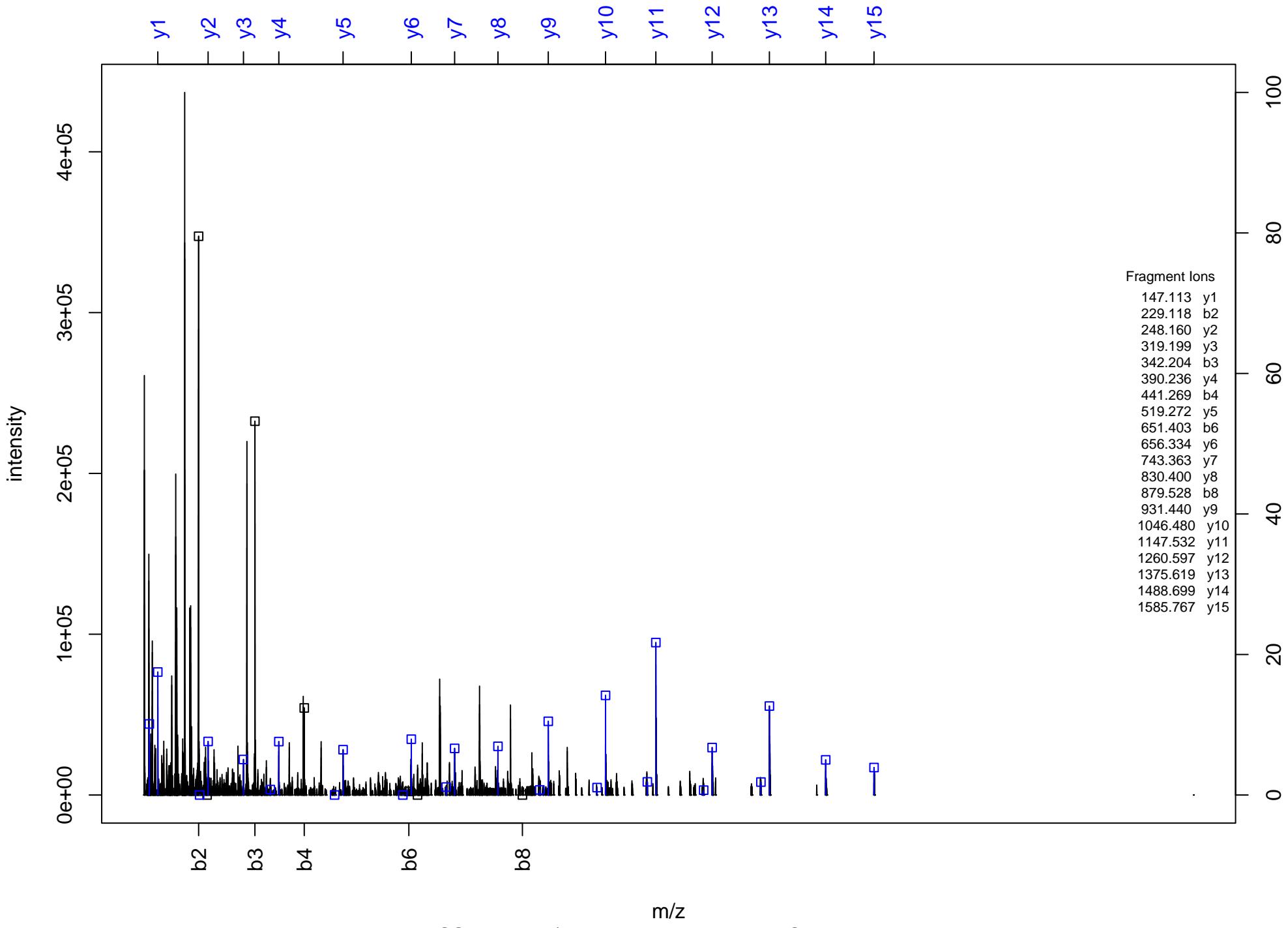
IPQGFGNLLEGGLTR



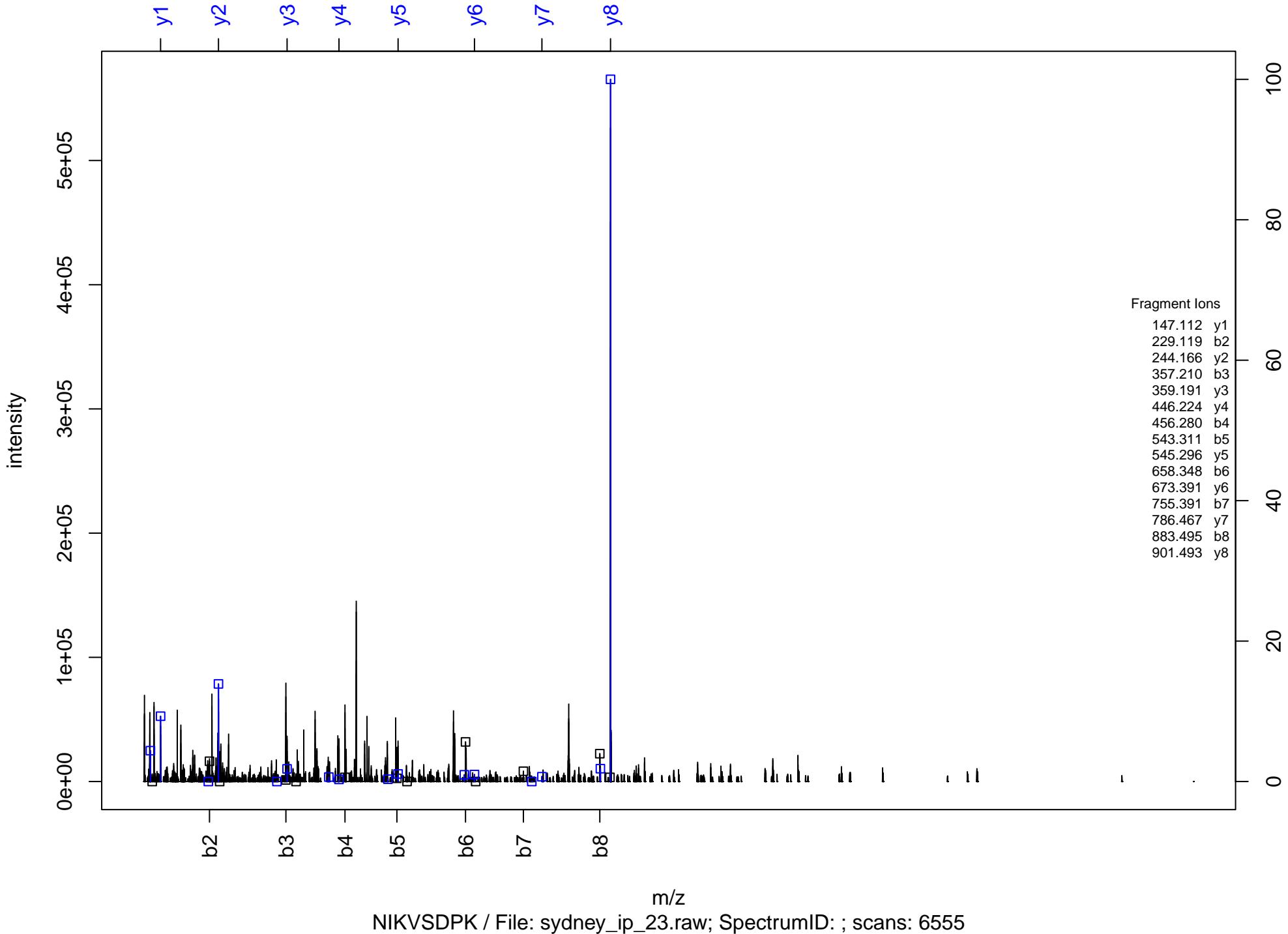
ESLEDGDPQDDR



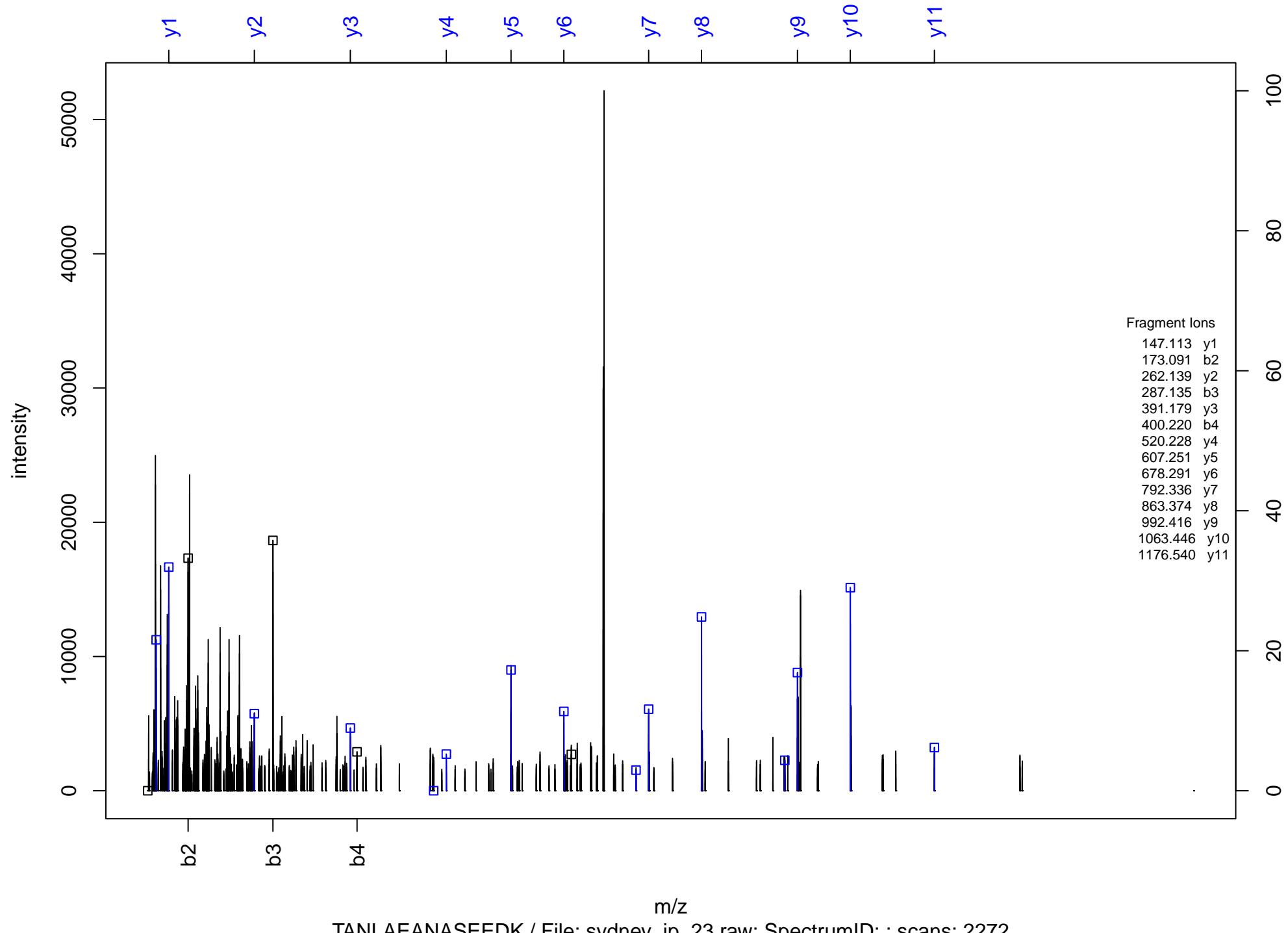
DILVLPLDLTDTSSHEAATK



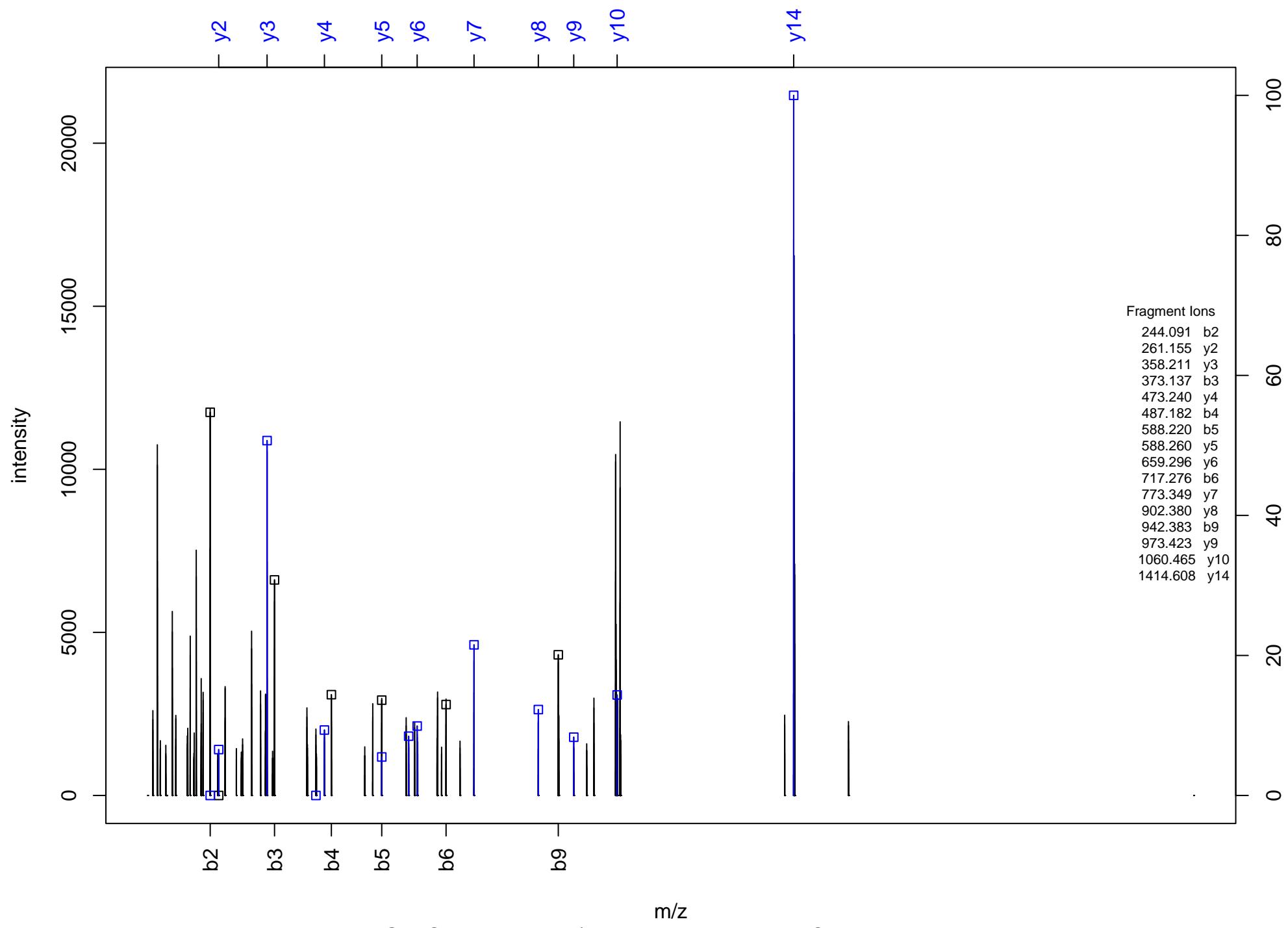
N^IKVSDPK



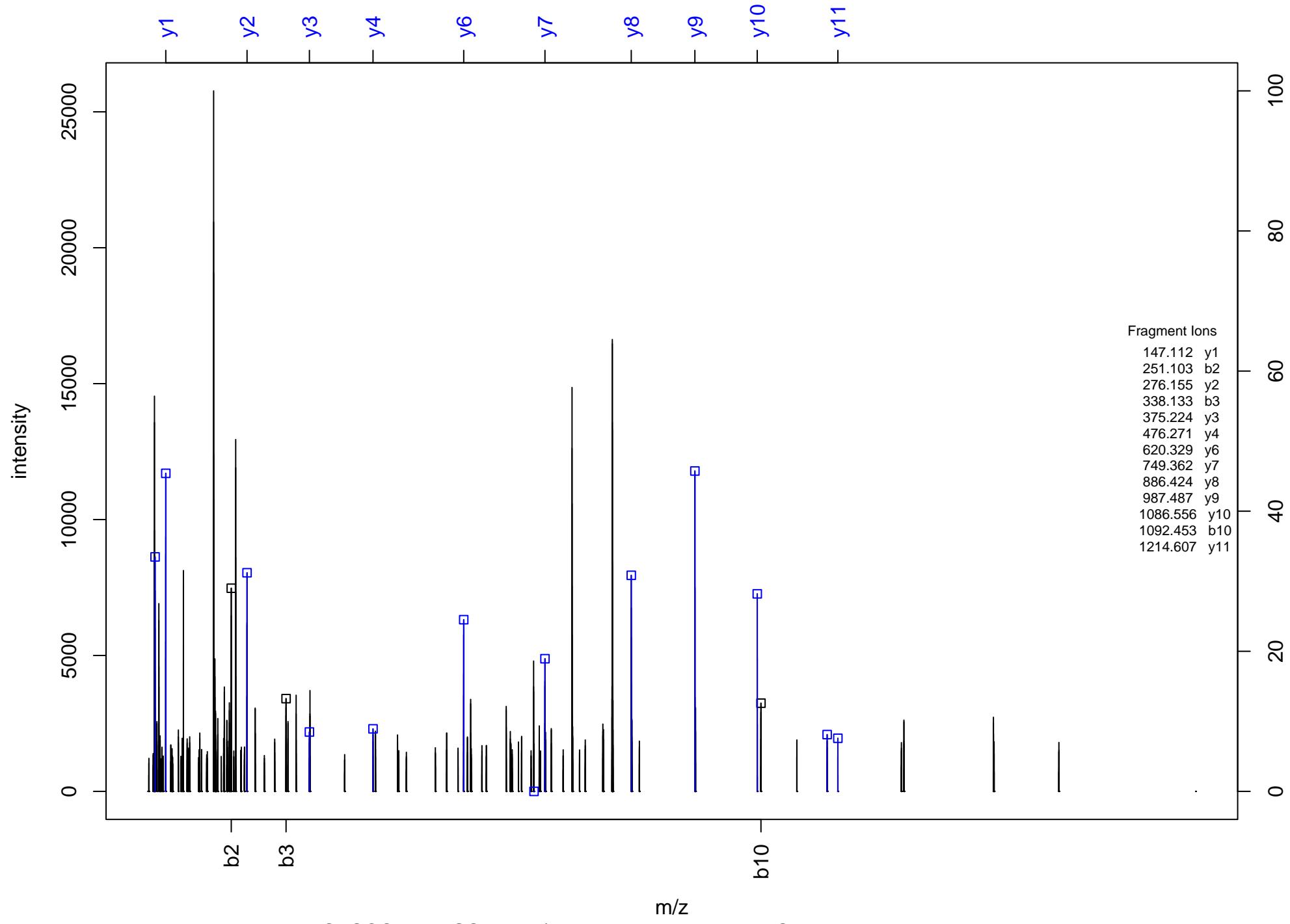
TANLAEANASEEDK



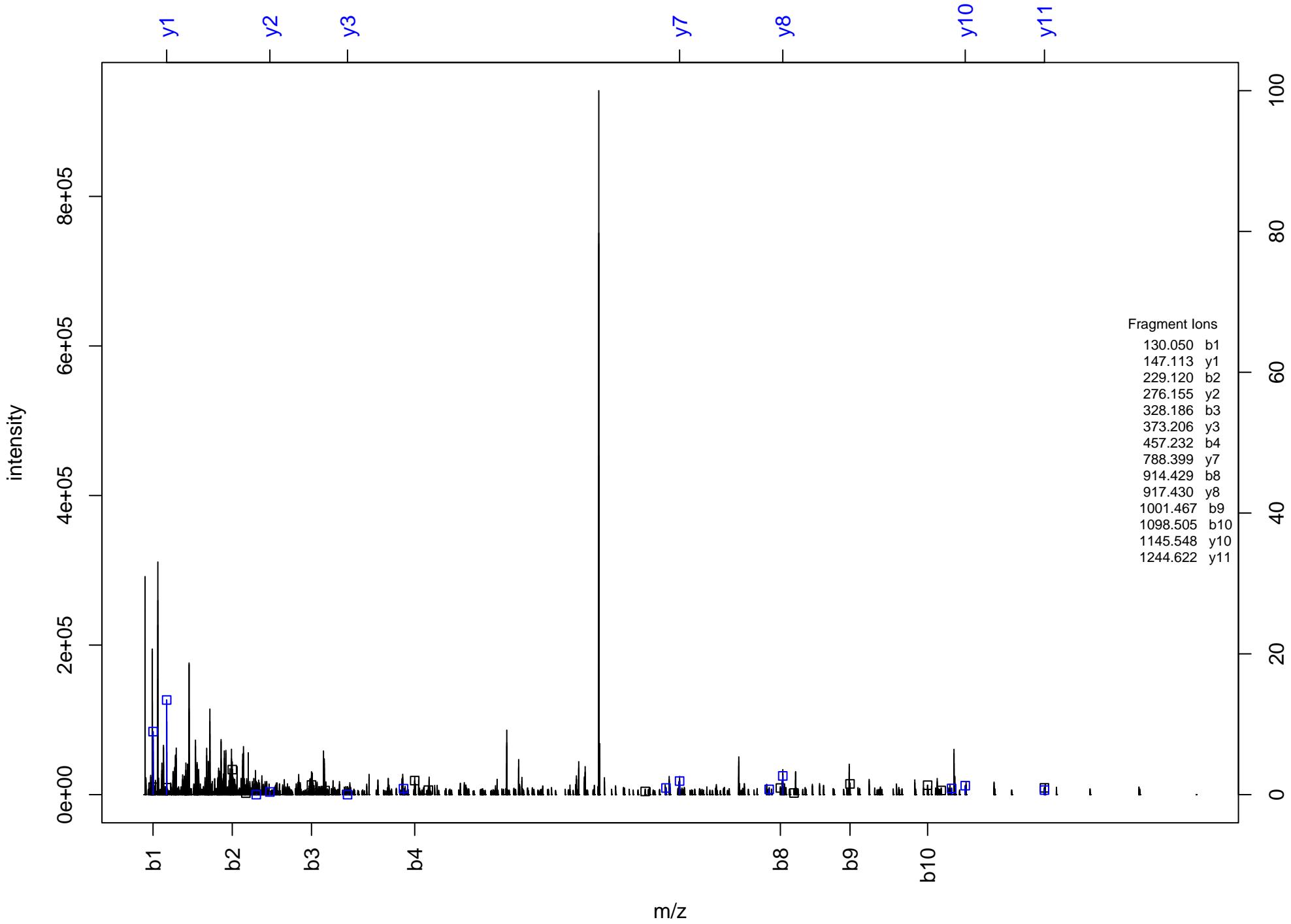
NEENTEPGAESAEENADDPNK



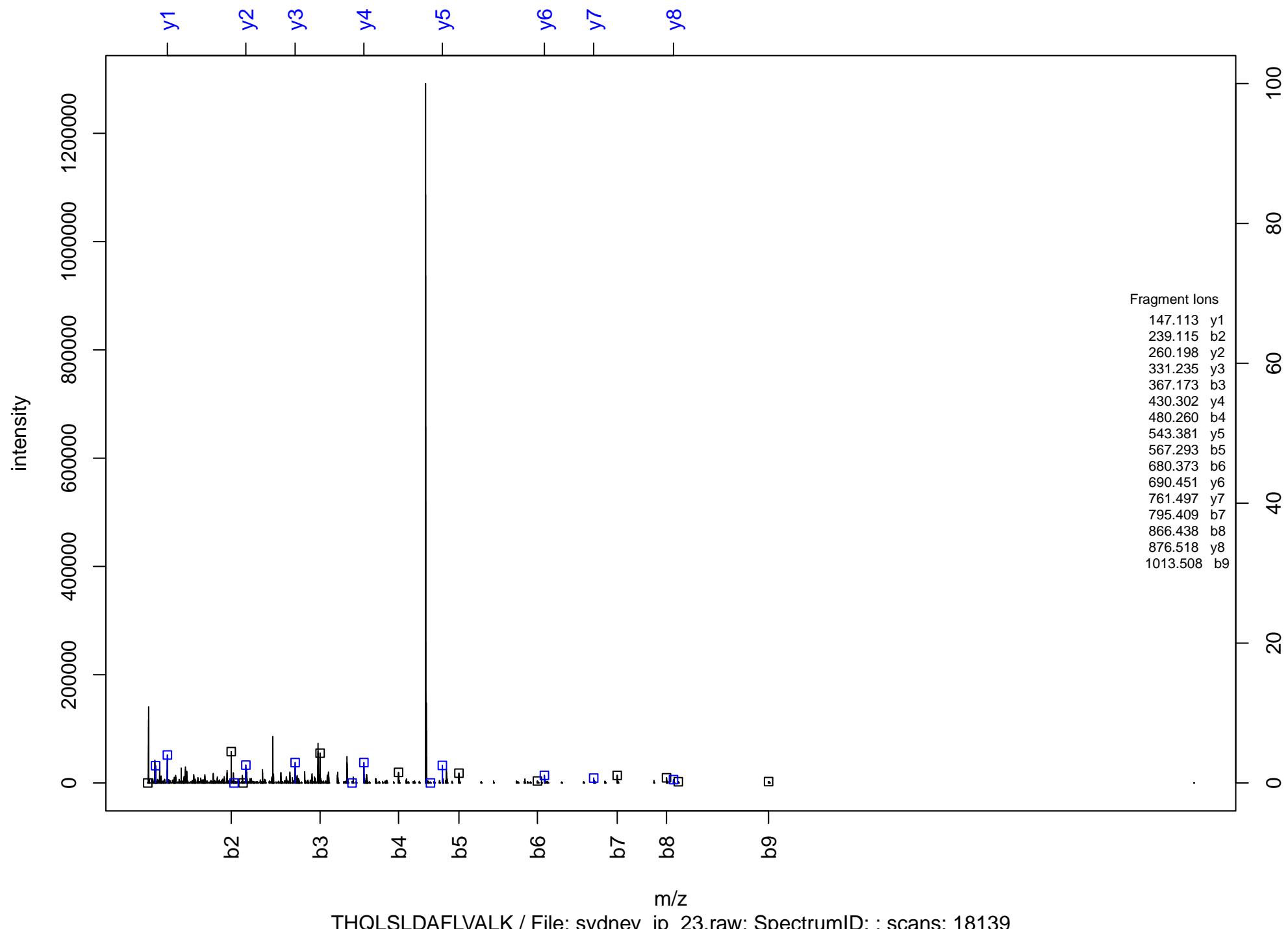
SYSCQVTHEGSTVEK



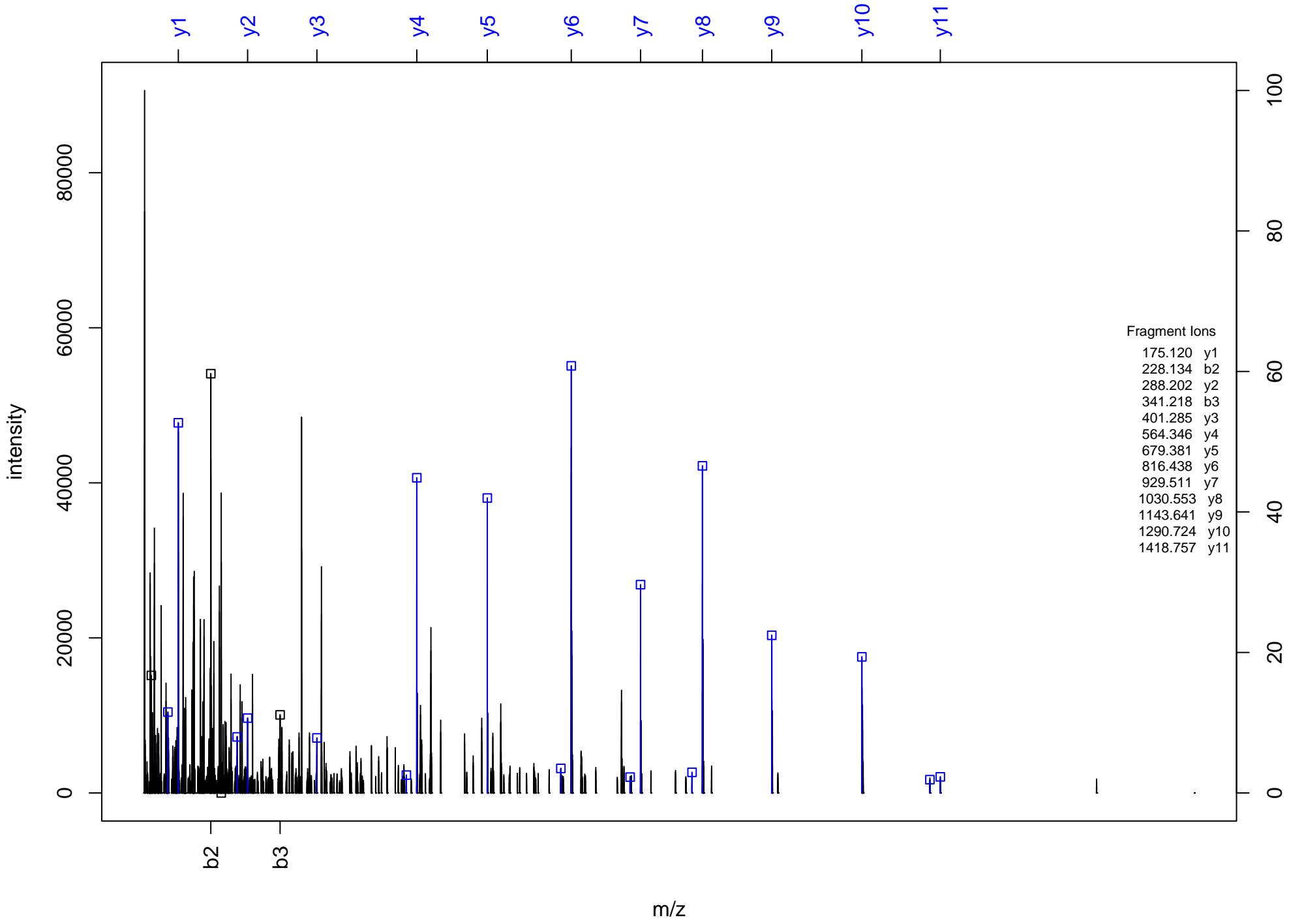
Q^VVQ^Q^AAWSPEK



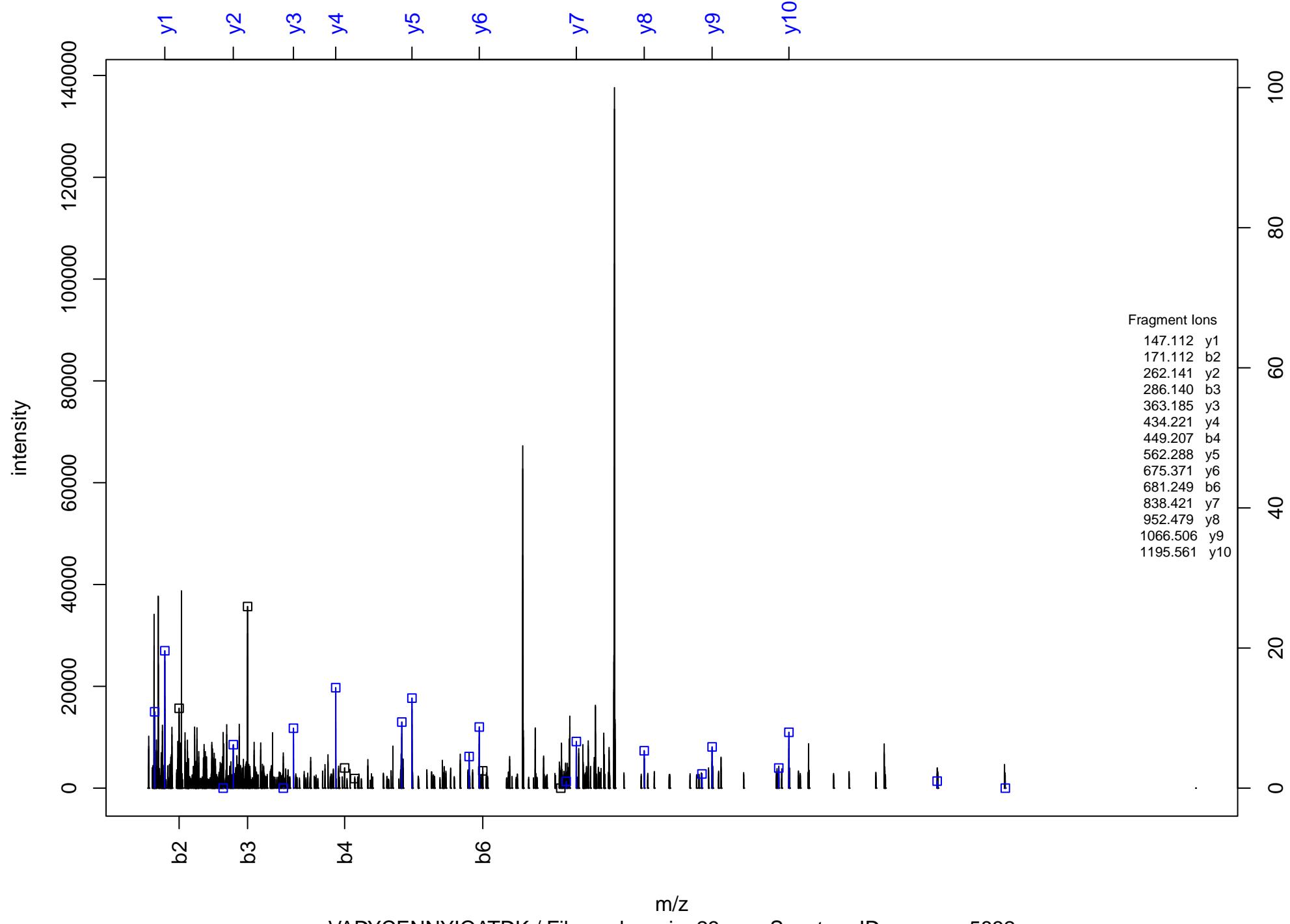
THQLSLDAFLVALK



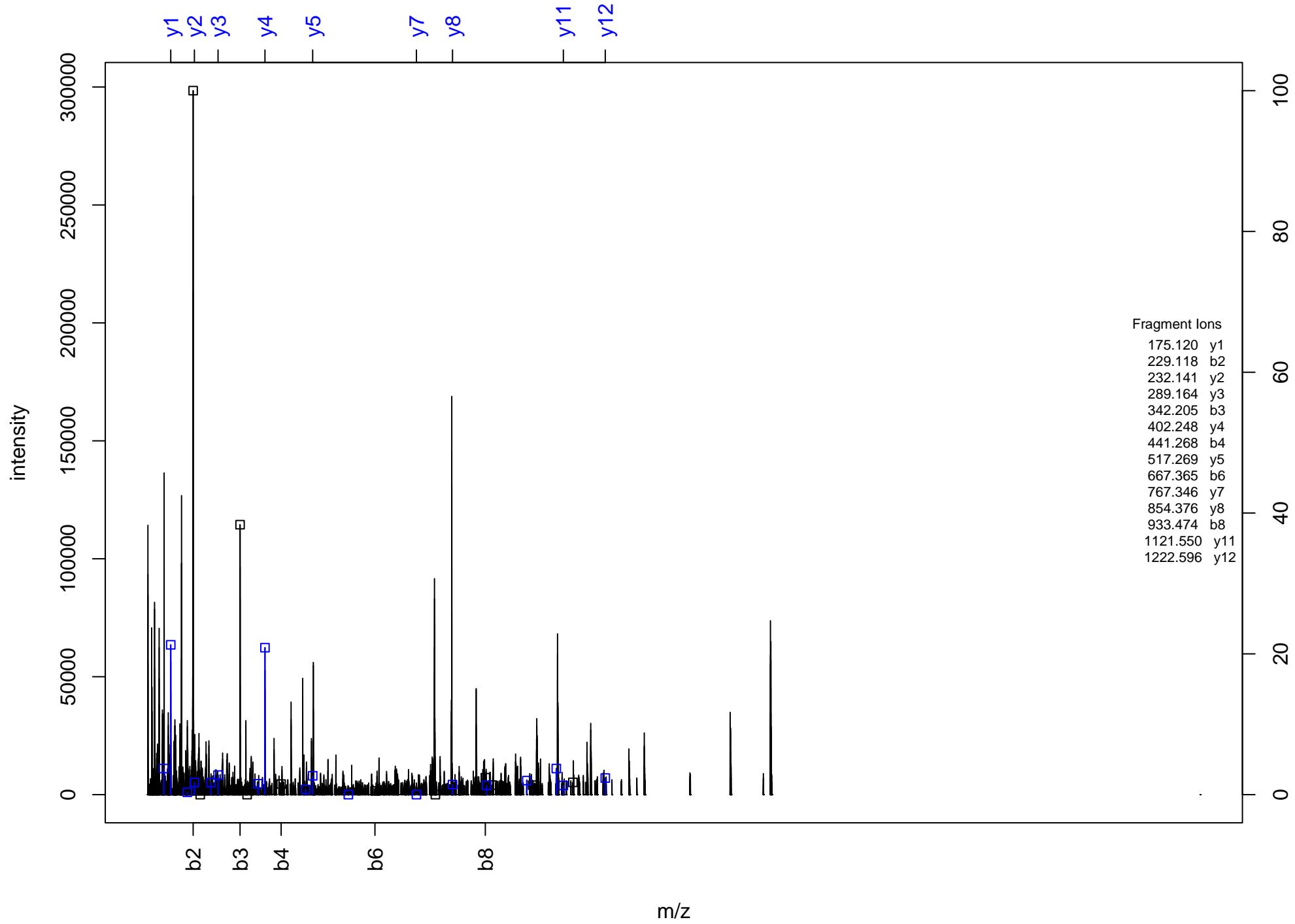
LNLQFLTLHDYLLR



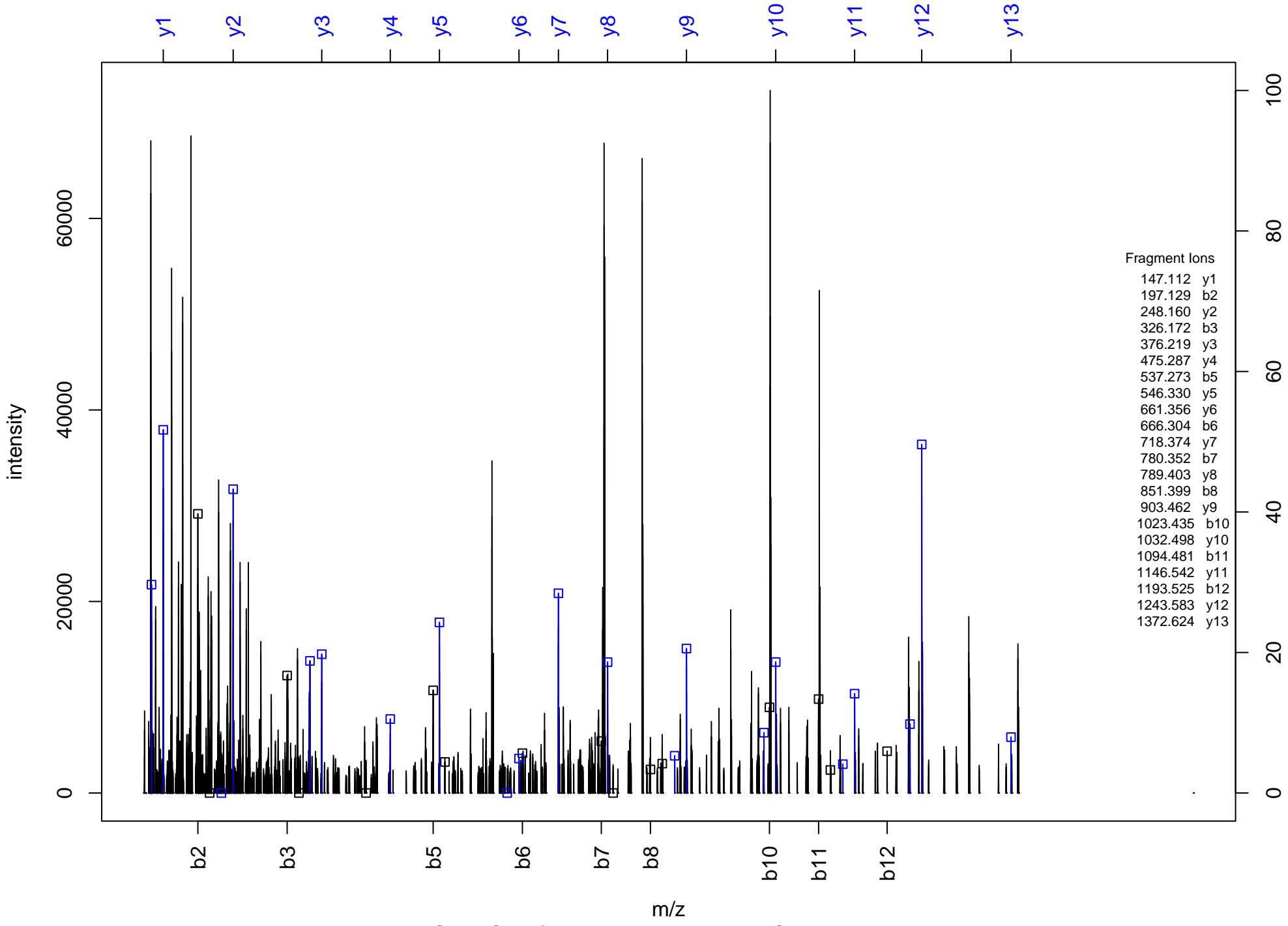
VADYCENNYIQATDK



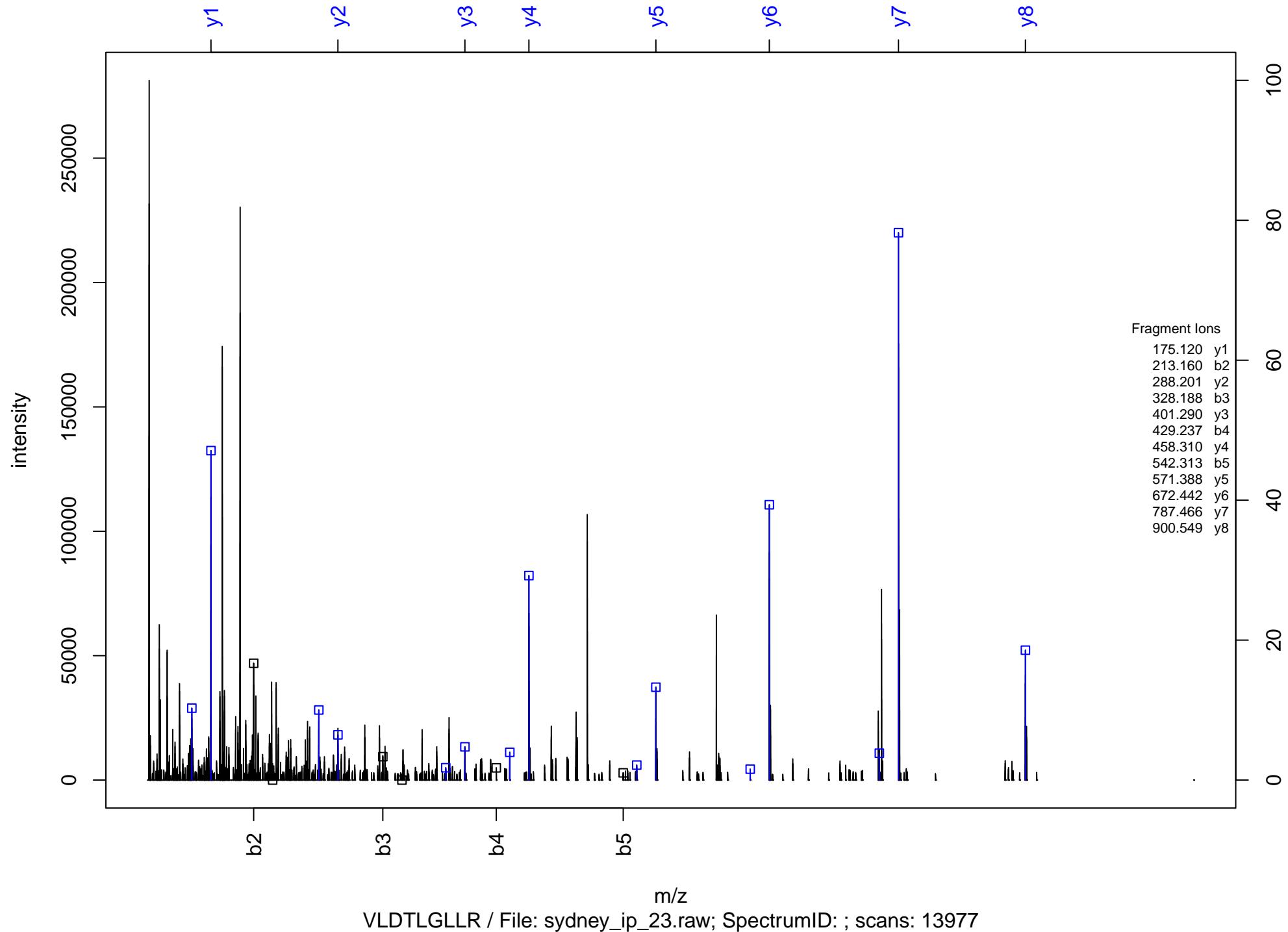
VELVPEEHPPFTAPVSFCDLGGR



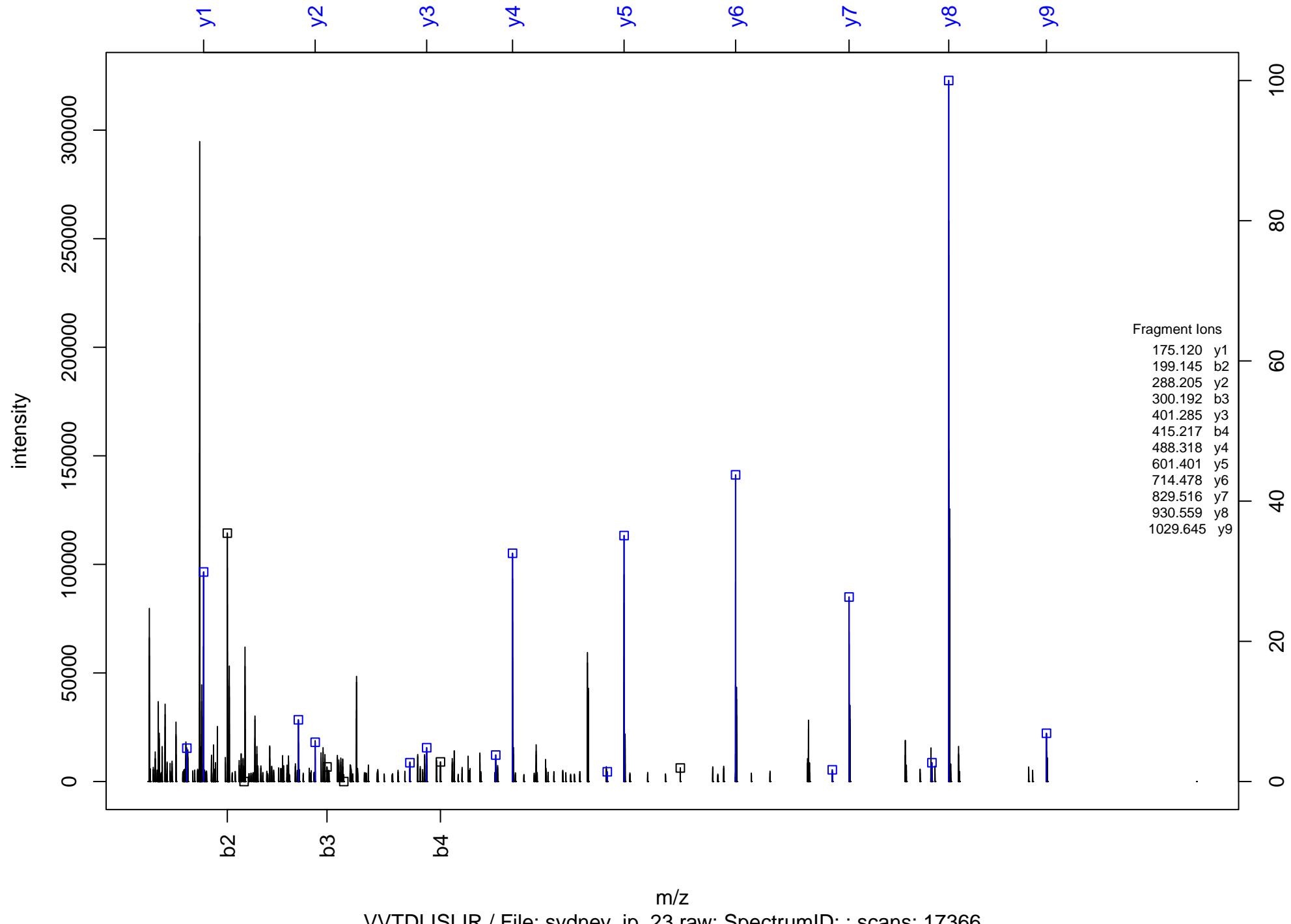
VPEPNENAGDAVQTK



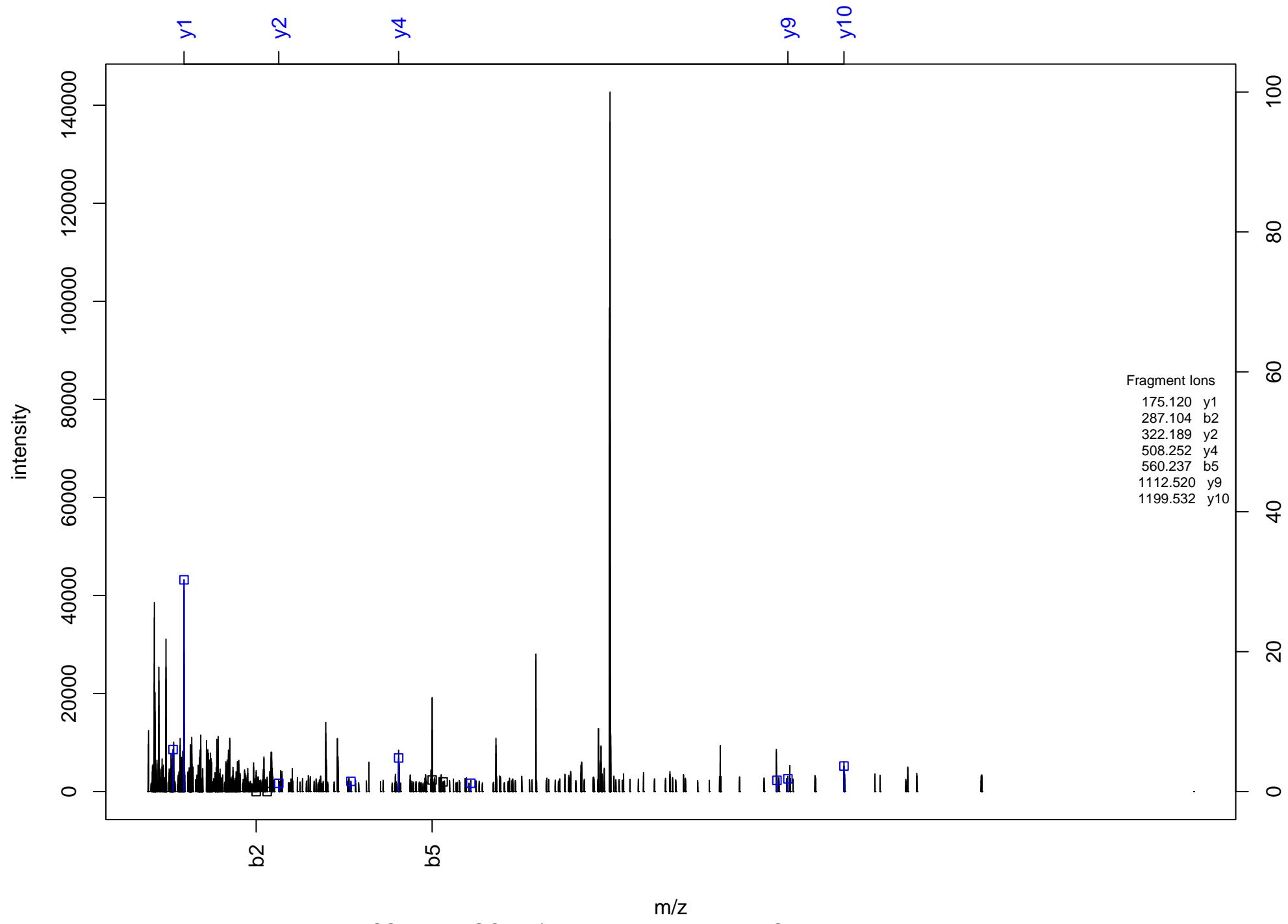
VLDTLGLLR



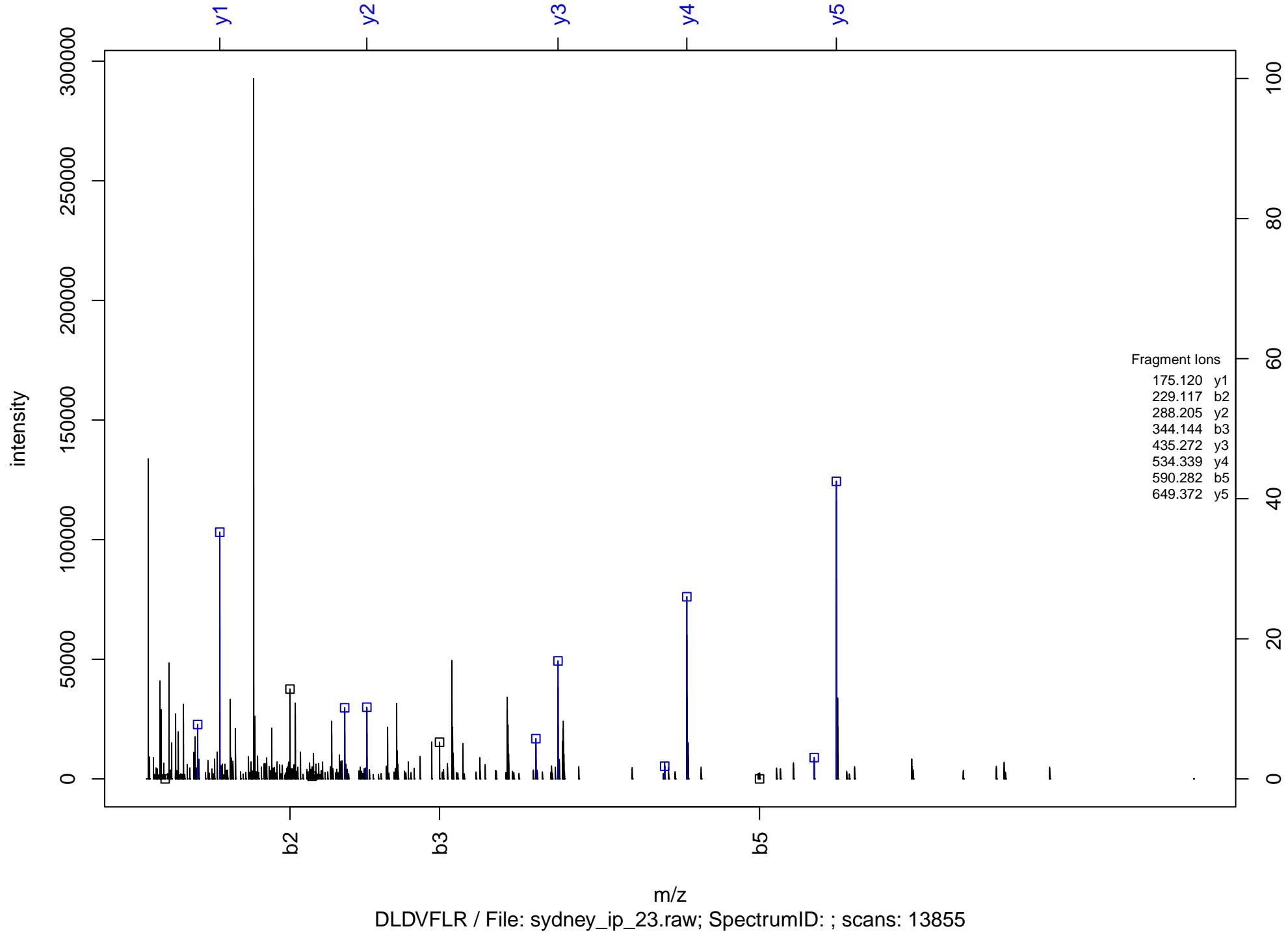
VVTDLISLIR



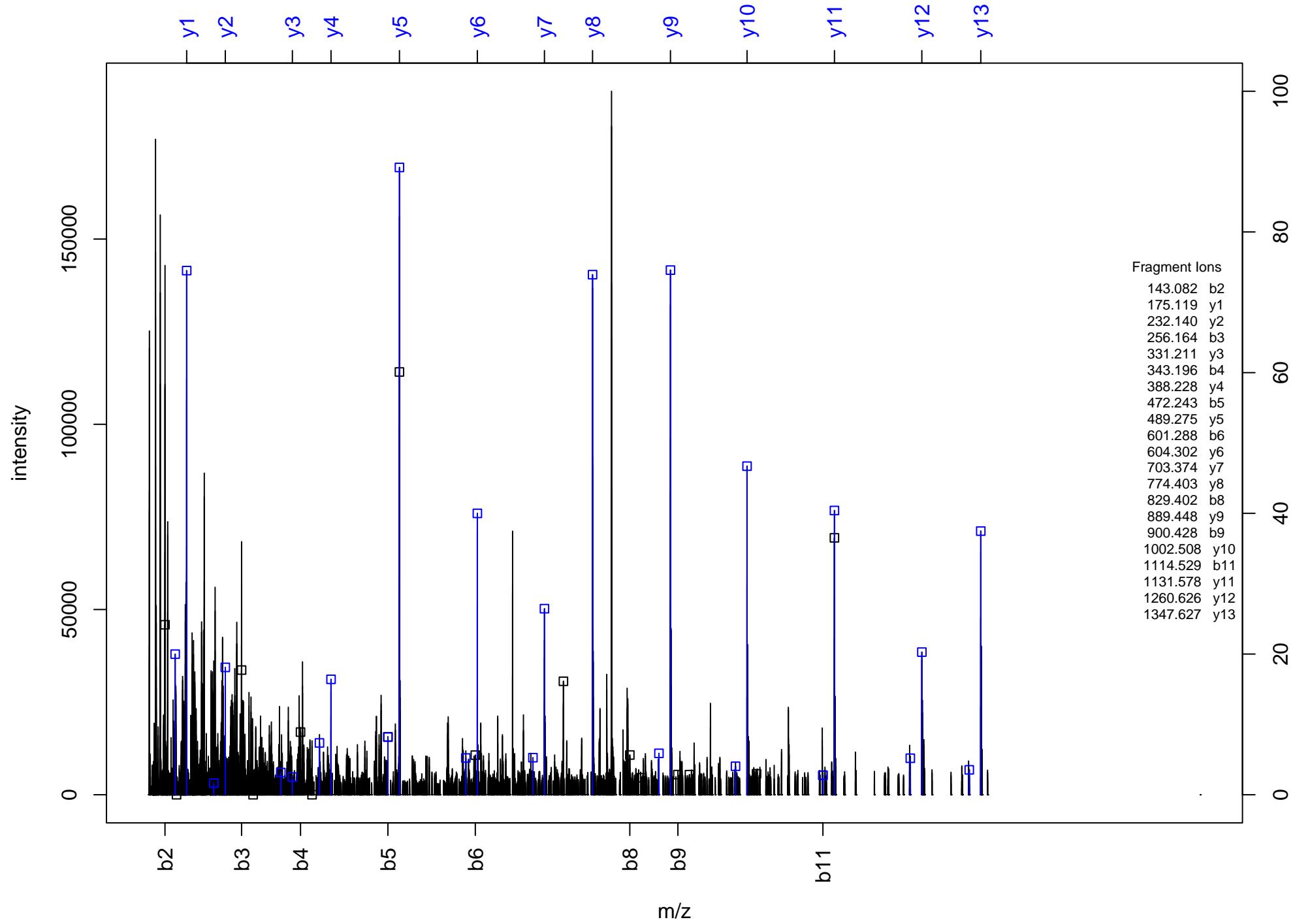
(Ac)M*PVSSAM*TREGQ^FR



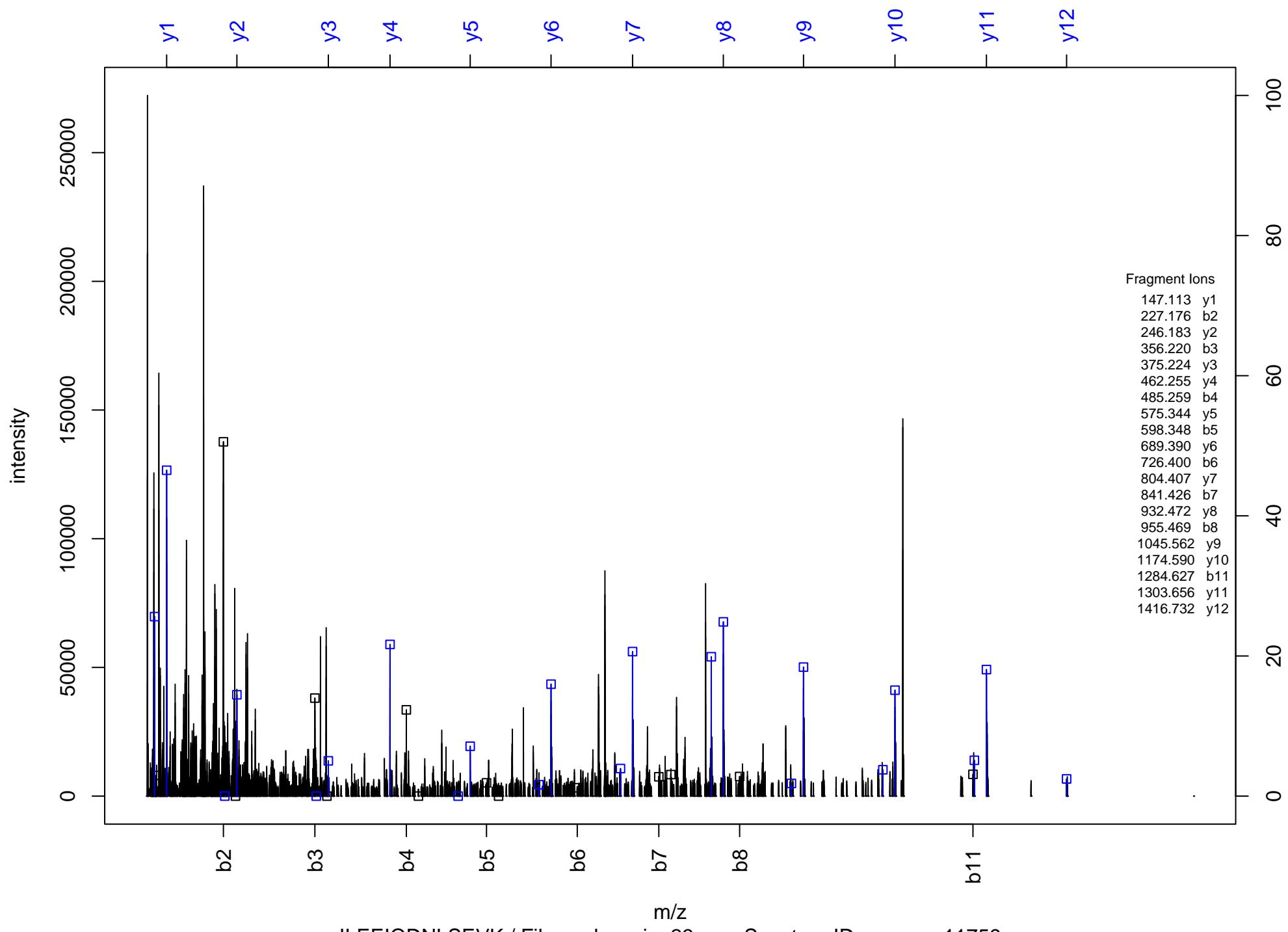
DLDVFLR



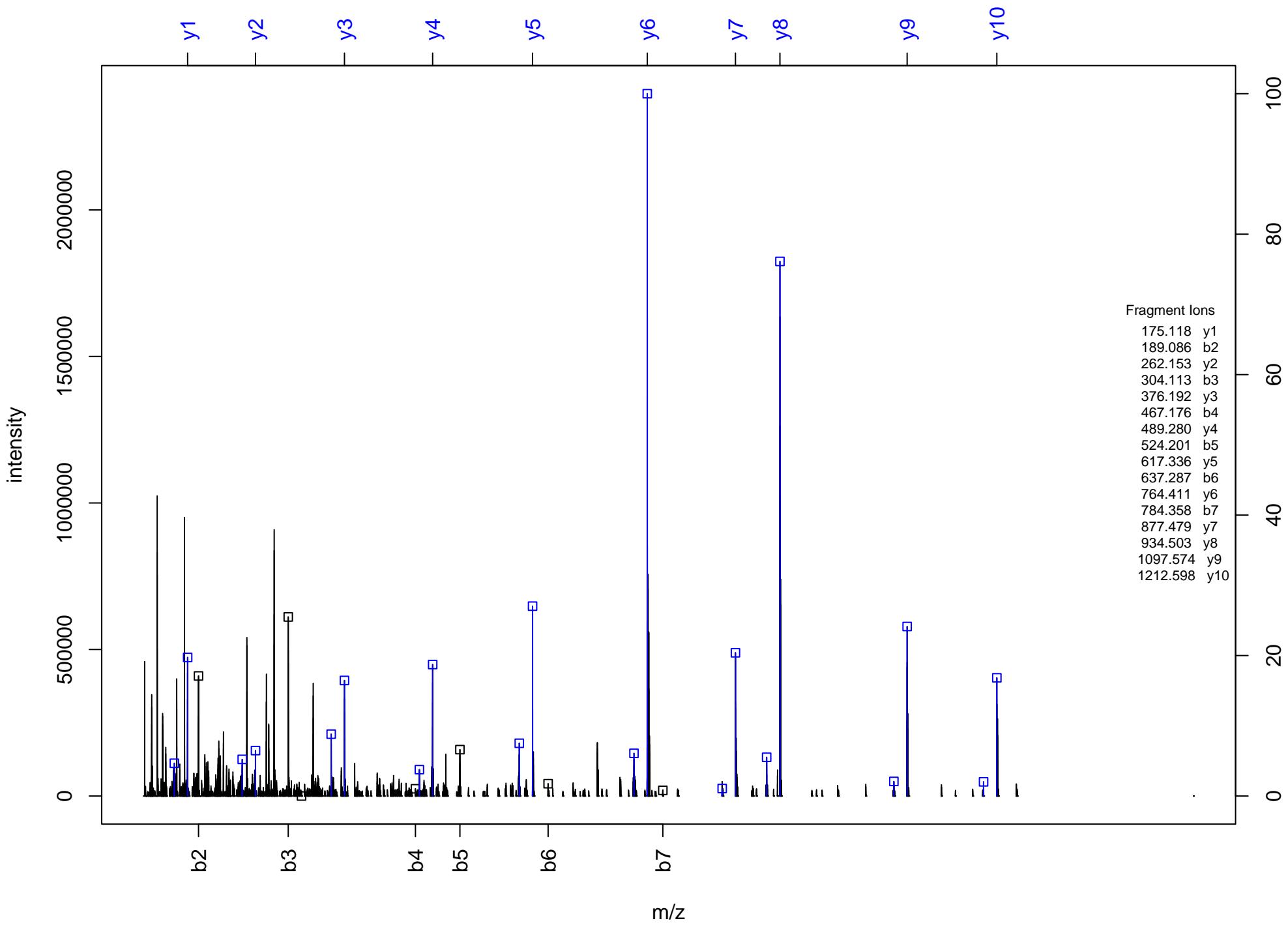
AALSEELDAVDTGVGR



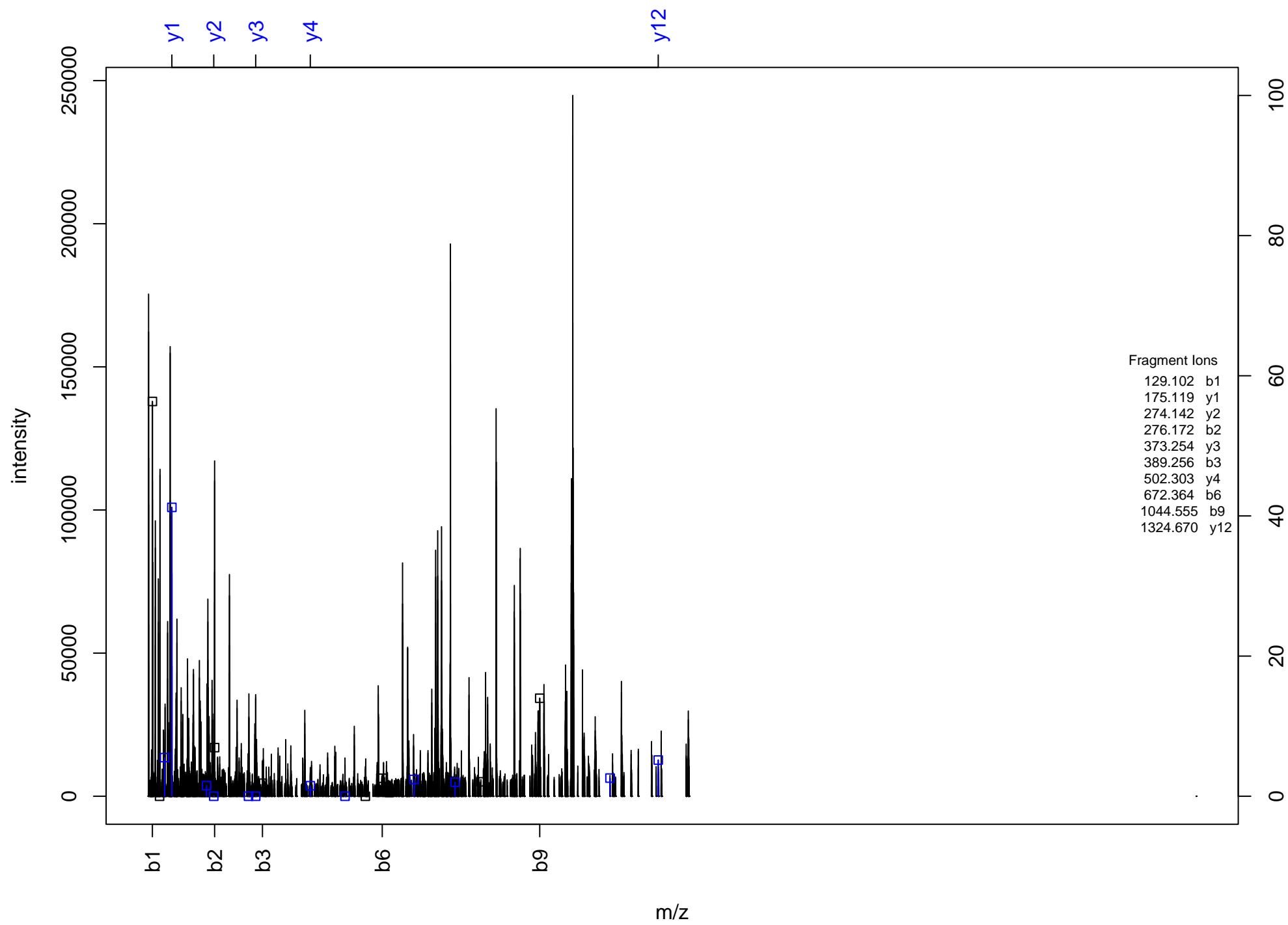
ILEEIQDNLSEVK



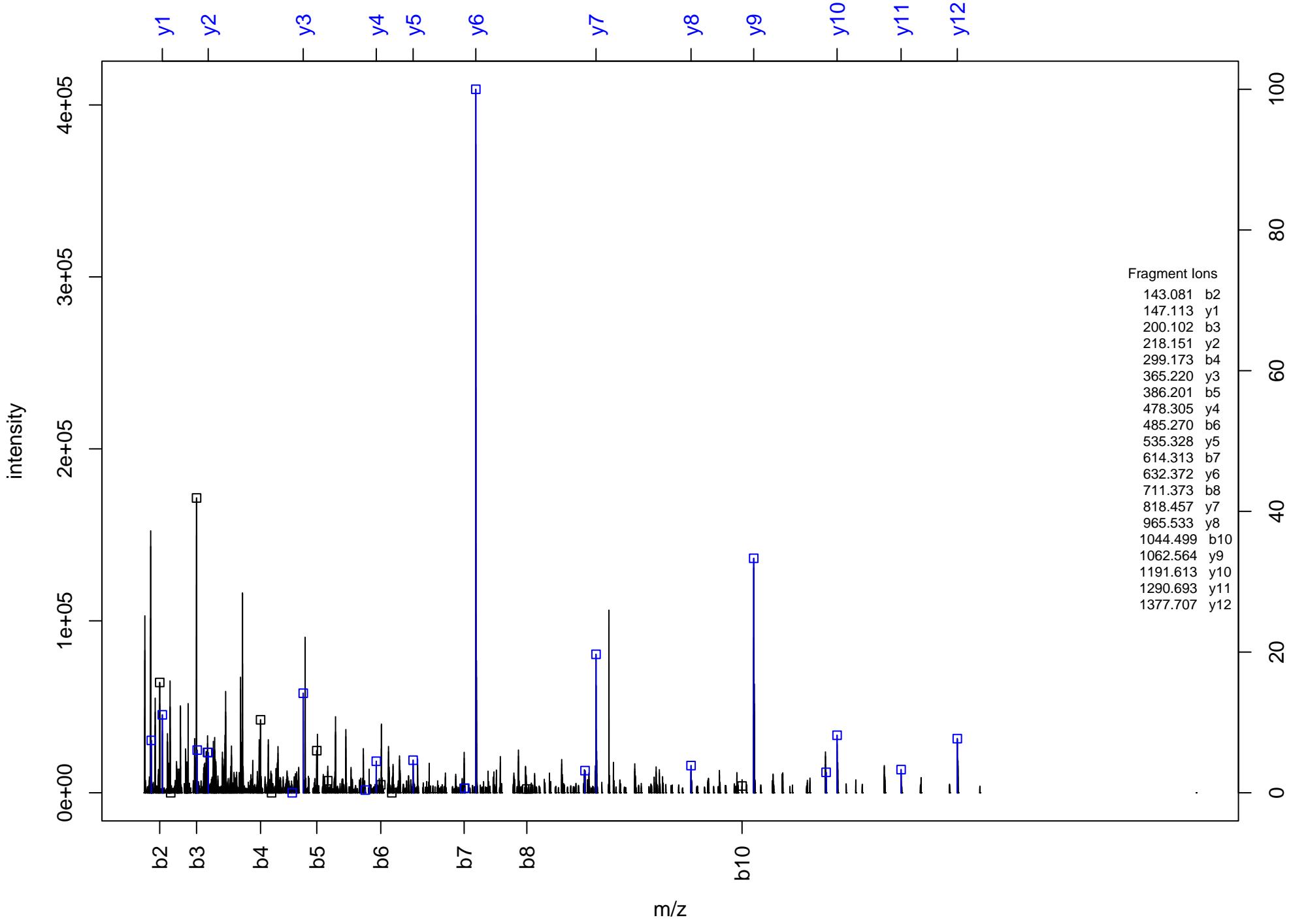
STDYGFQINSR



KFLQ^PGSQ^RKPPPDGPYVEVVR

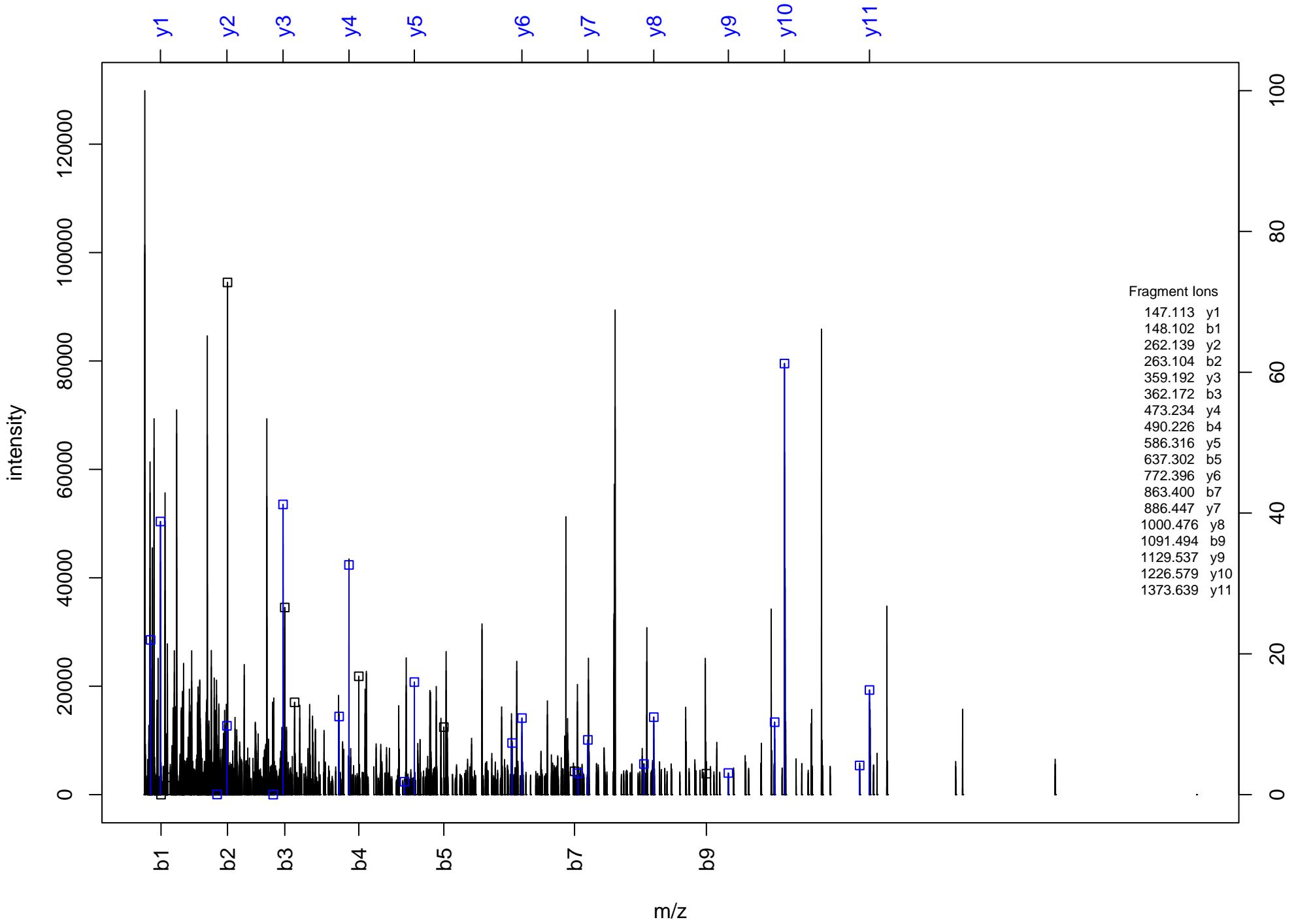


AAGVSVEPFWPGLFAK

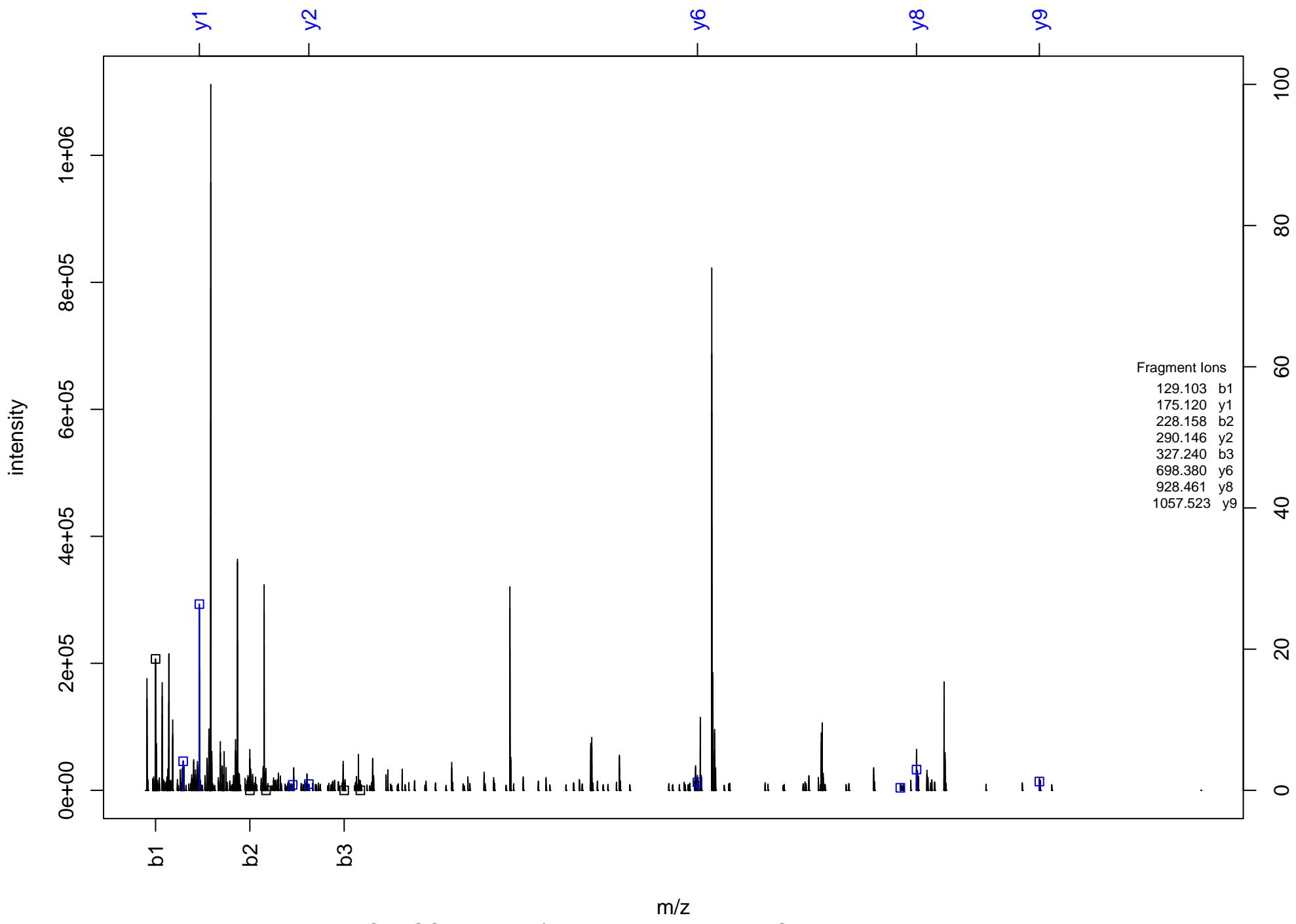


AAGVSVEPFWPGLFAK / File: sydney_ip_23.raw; SpectrumID: ; scans: 19701

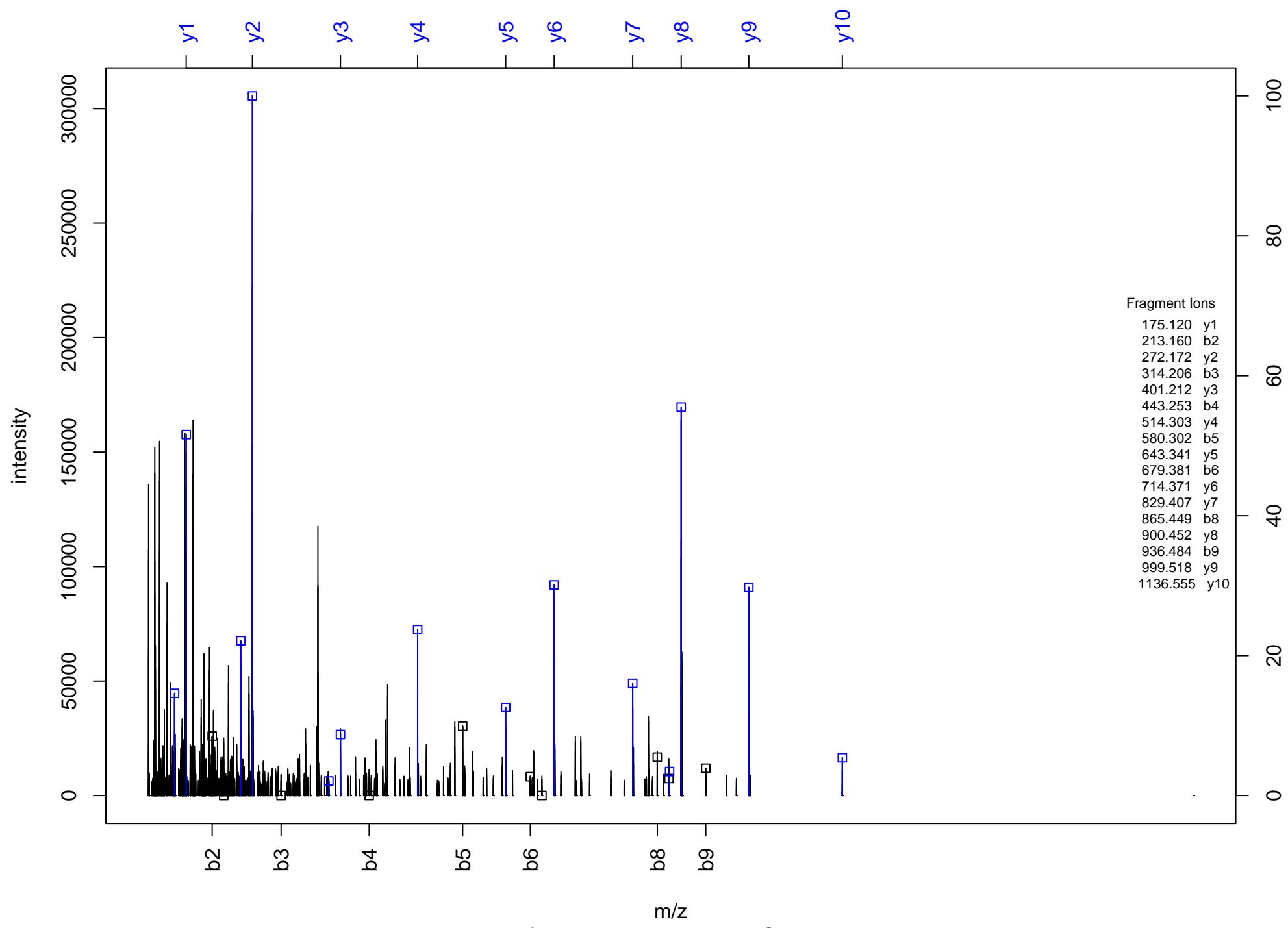
FDVQFPENNWINPDK



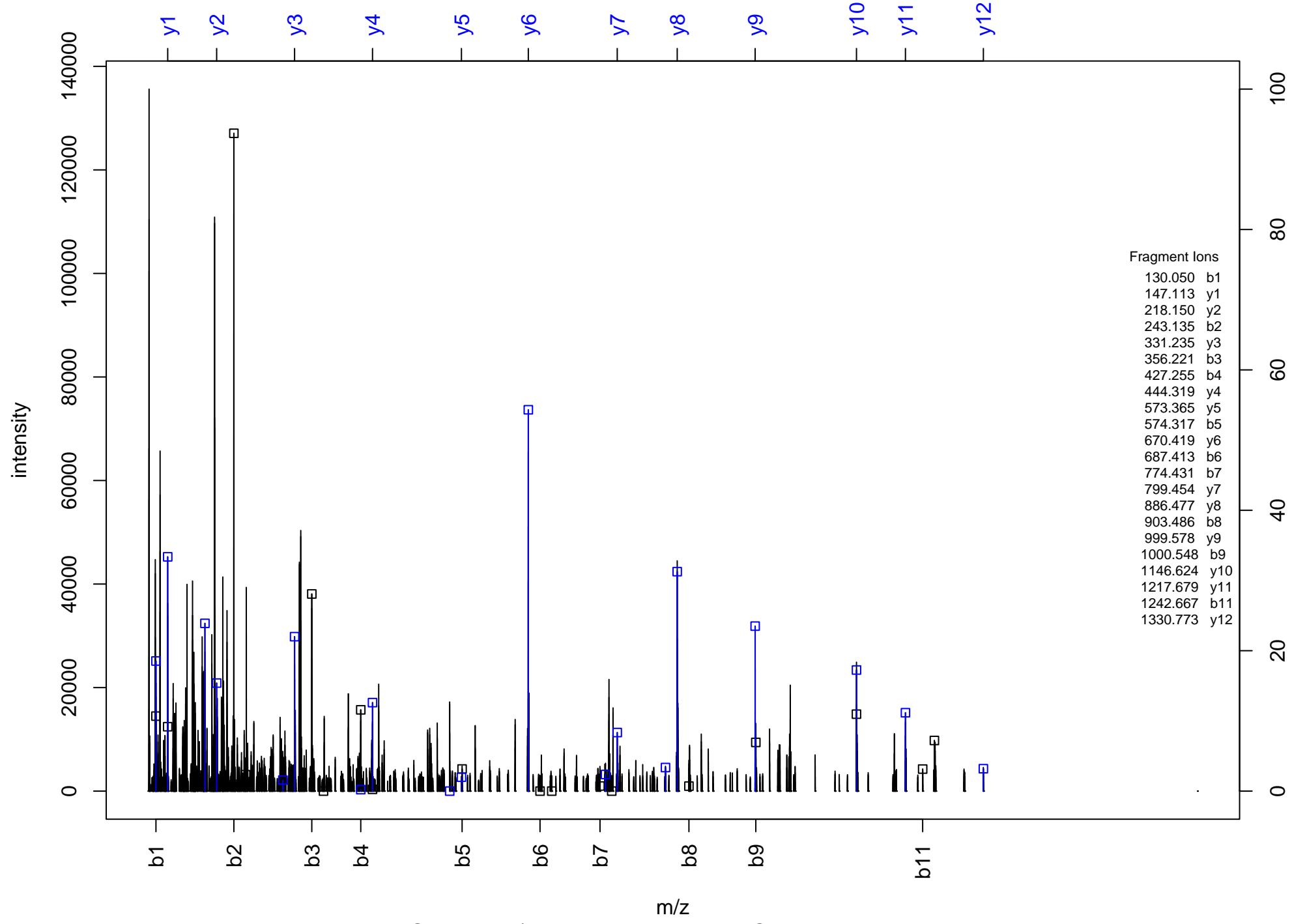
KVVCVDQ^Q^TPTIPN^R



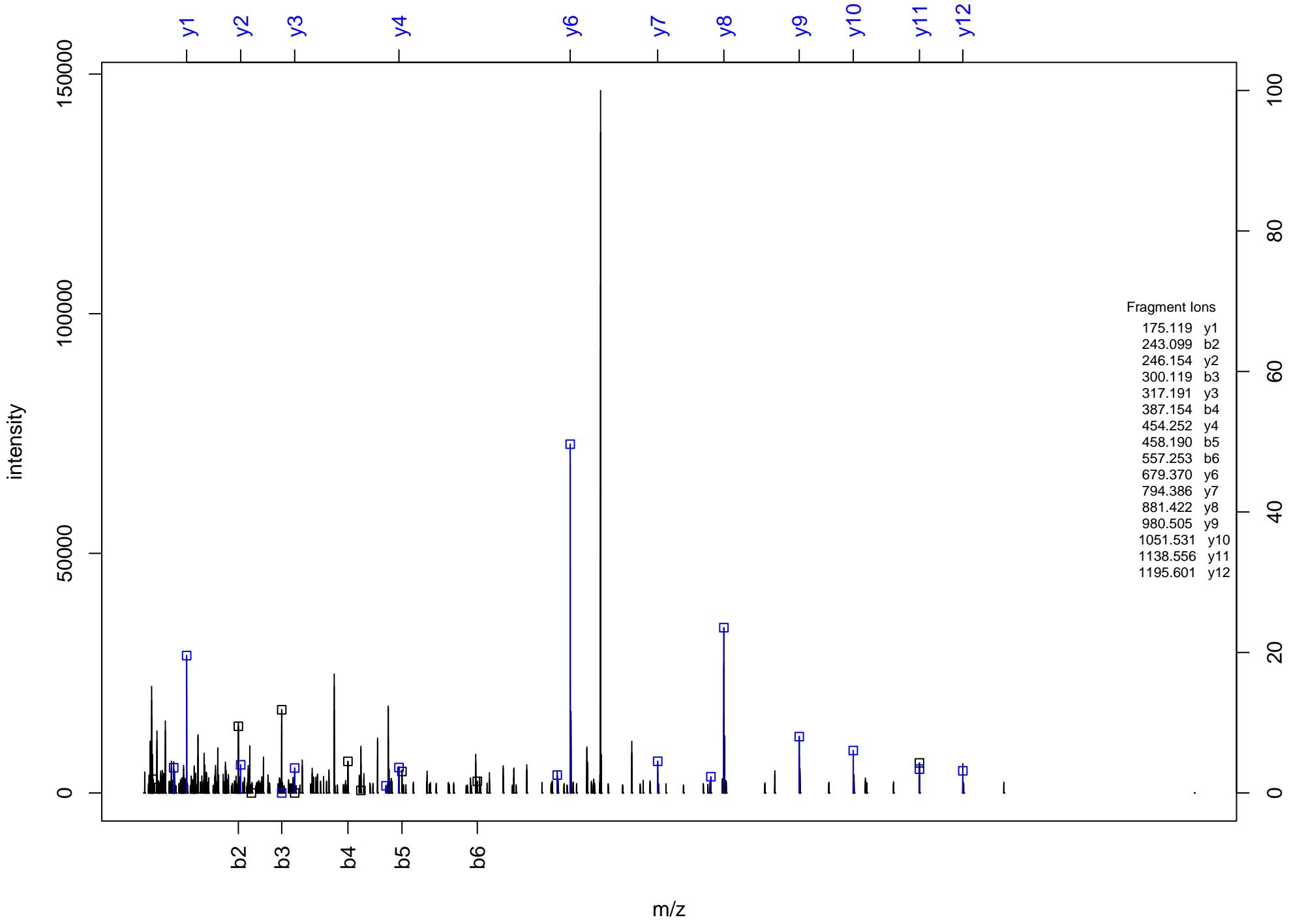
VLTEHVADAELEPR



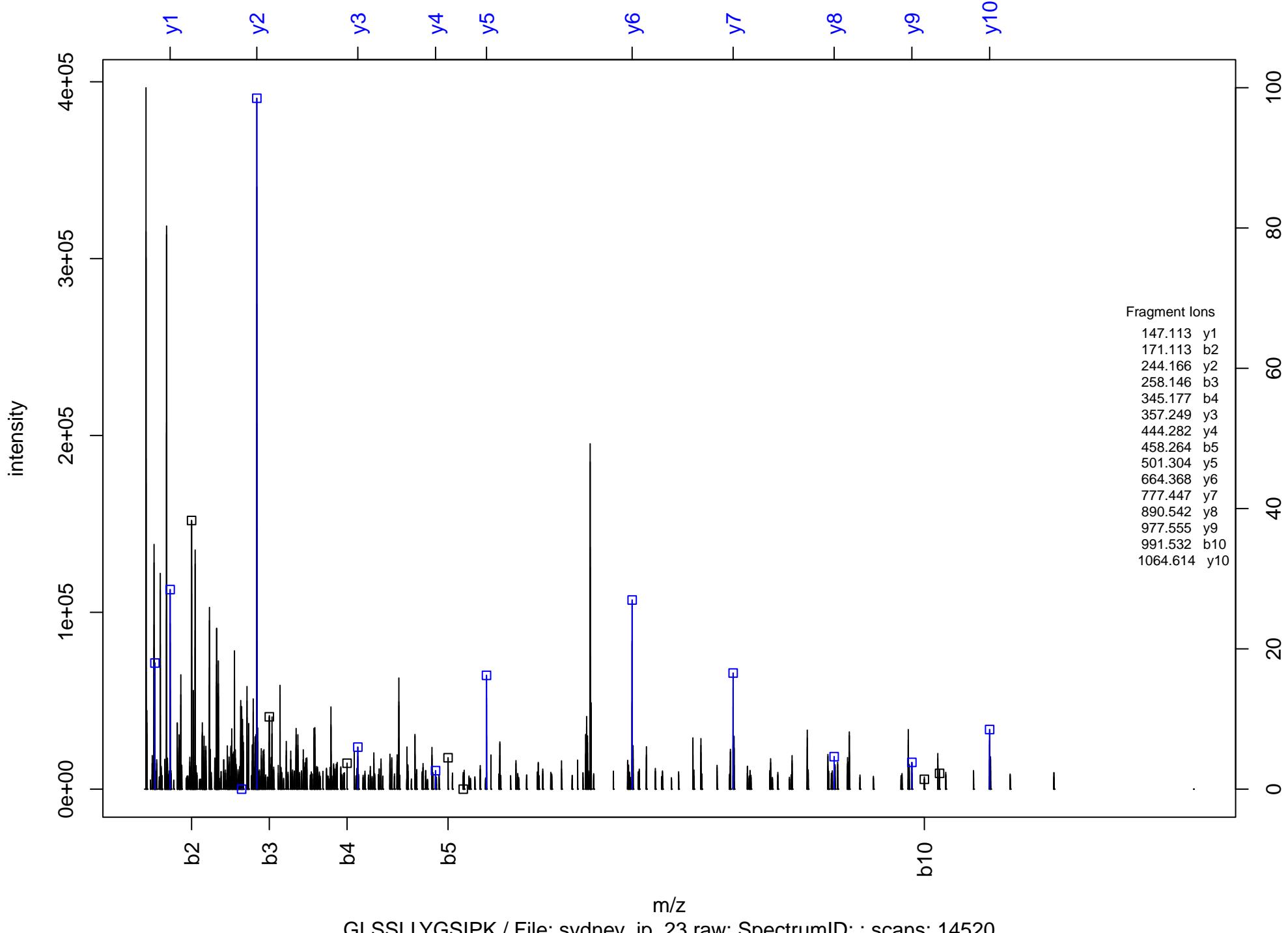
ELLAFLSEPEILAK



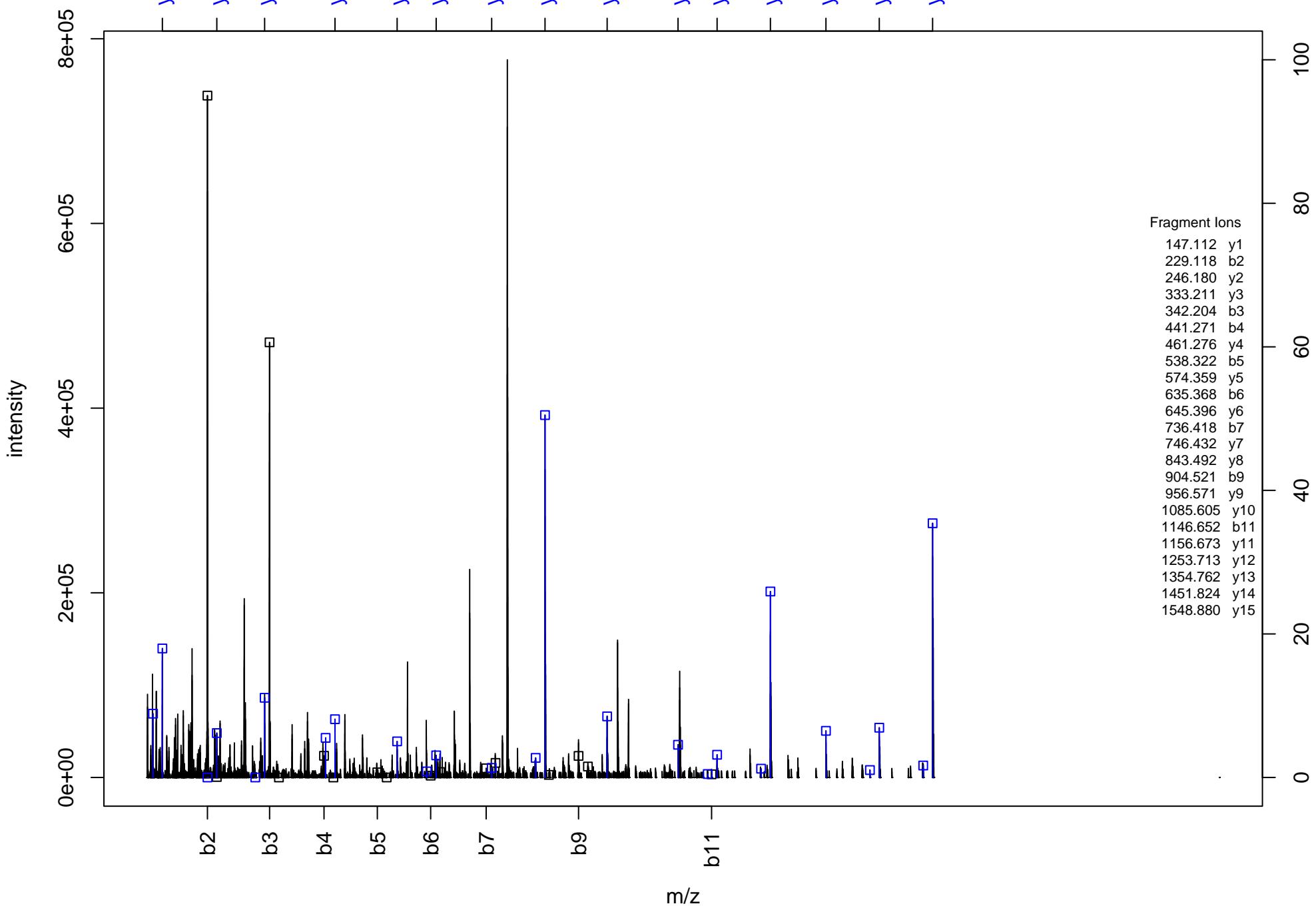
(Ac)AEGSAVSDPQHAAAR



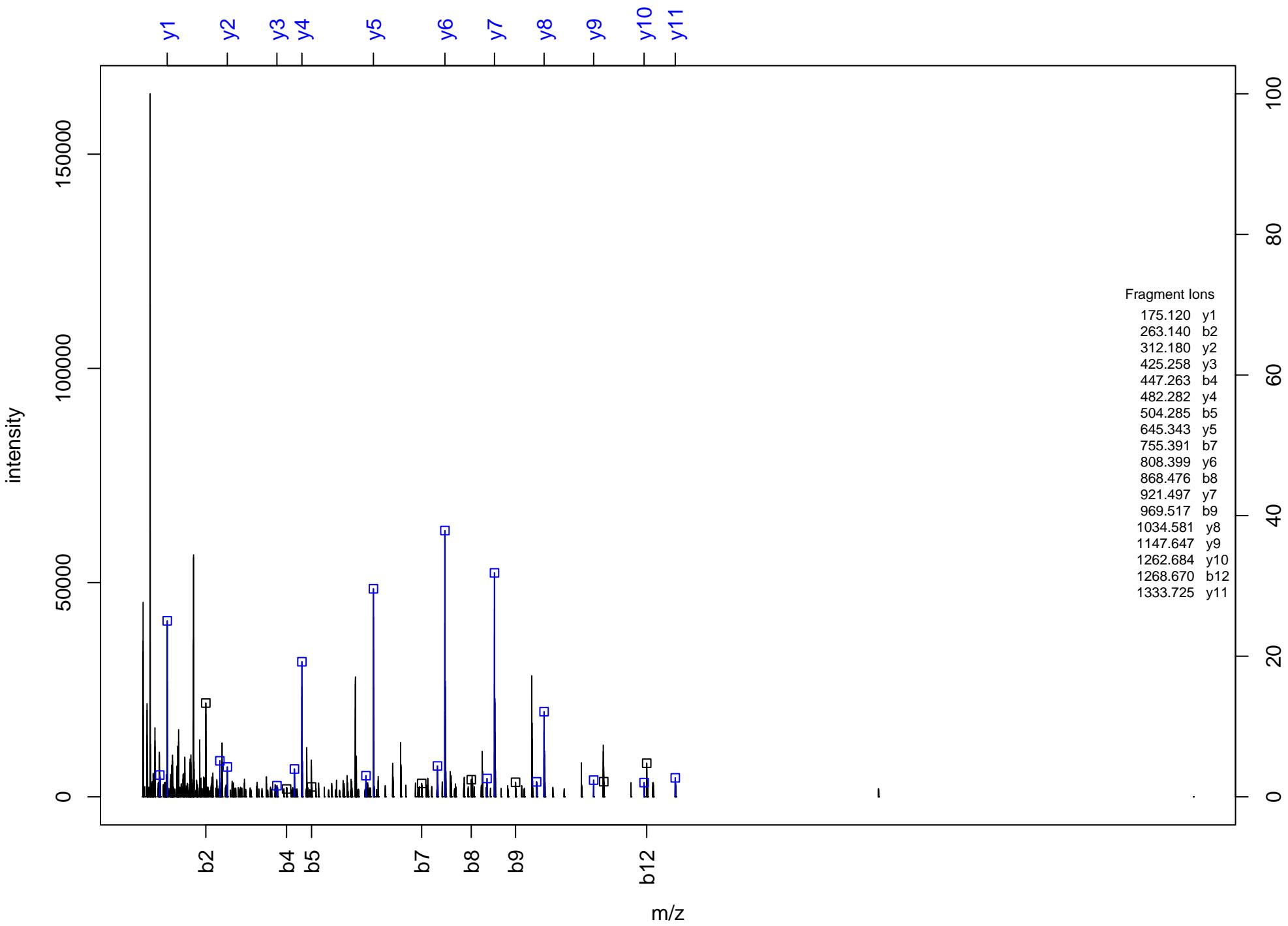
GLSSLLYGSIPK



VELVPPTPAEIPATAIQSVK

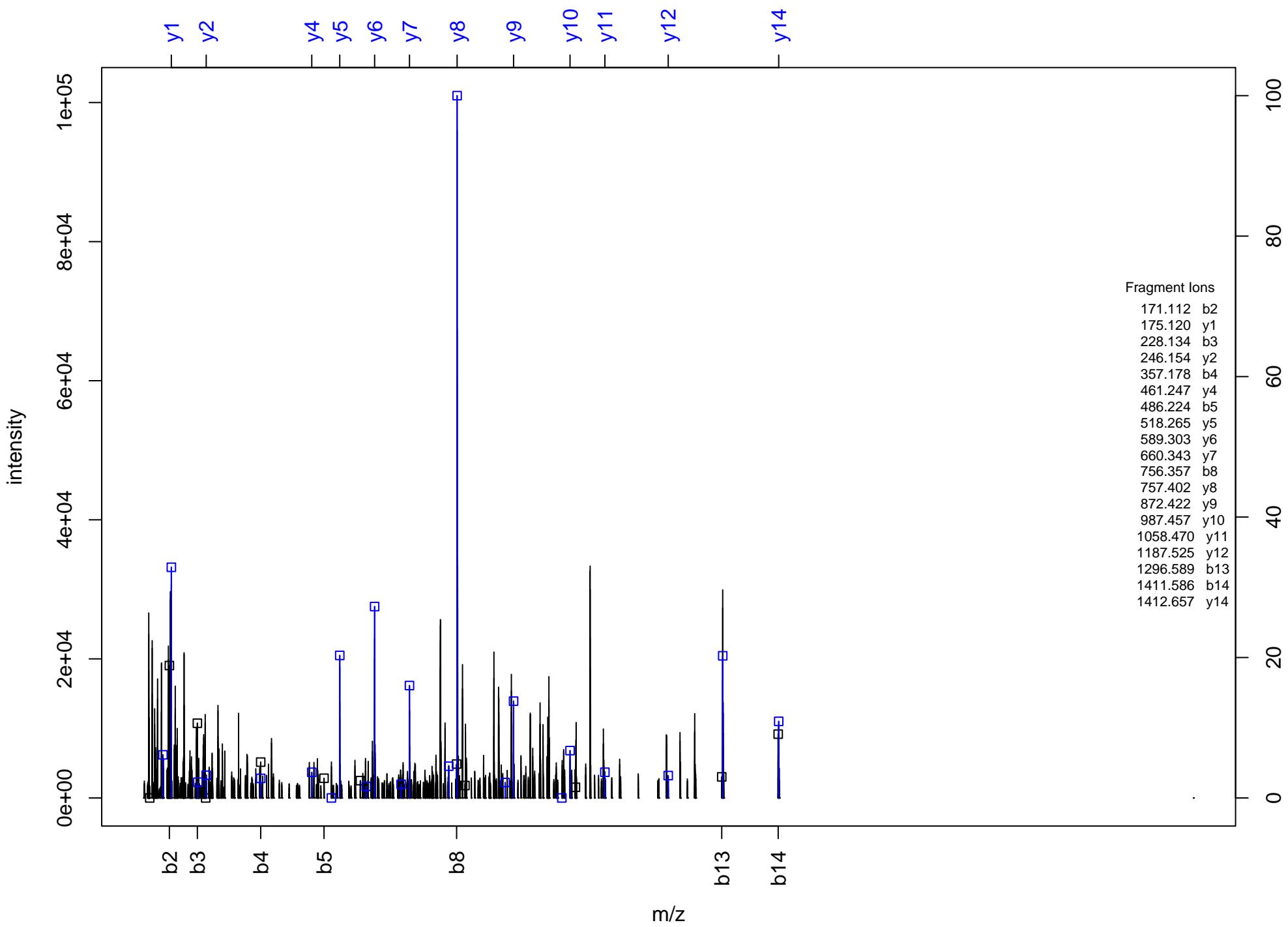


VYLAGHNITLADILLYYGLHR



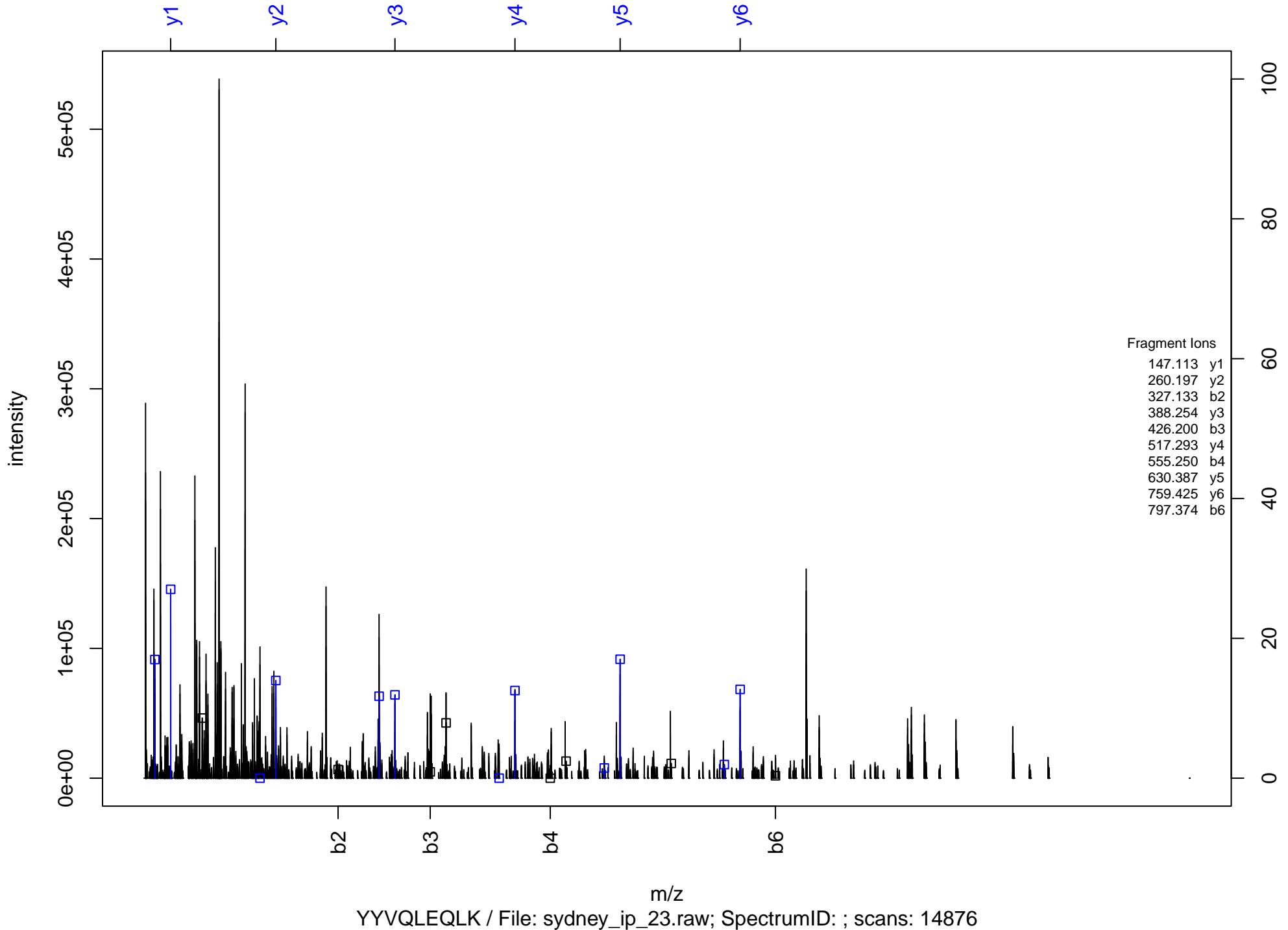
VYLAGHNITLADILLYYGLHR / File: sydney_ip_23.raw; SpectrumID: ; scans: 20125

IGGEEEGGRPQEADDPAAGSQAR

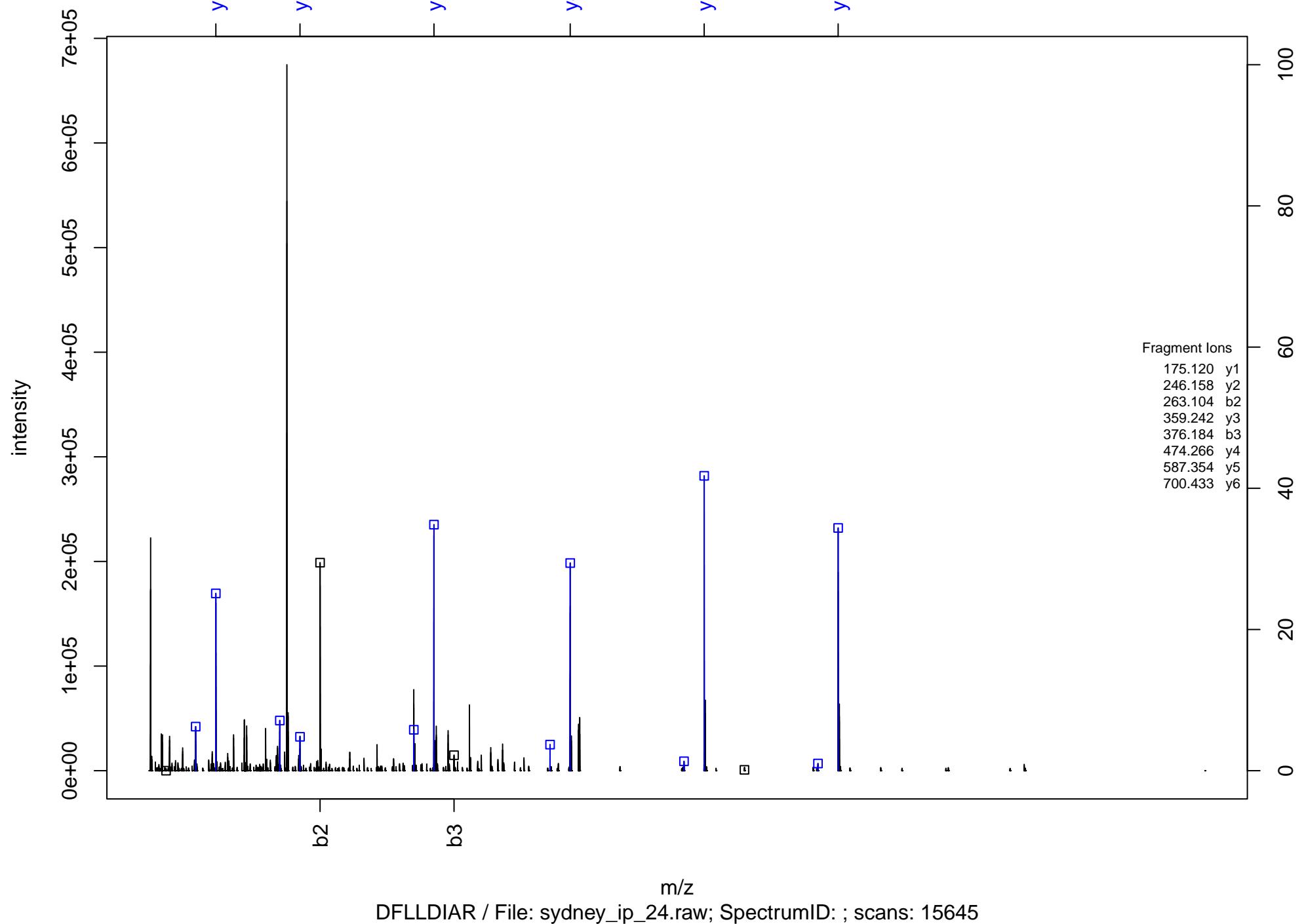


IGGEEEGGRPQEADDPAAGSQAR / File: sydney_ip_23.raw; SpectrumID: ; scans: 2173

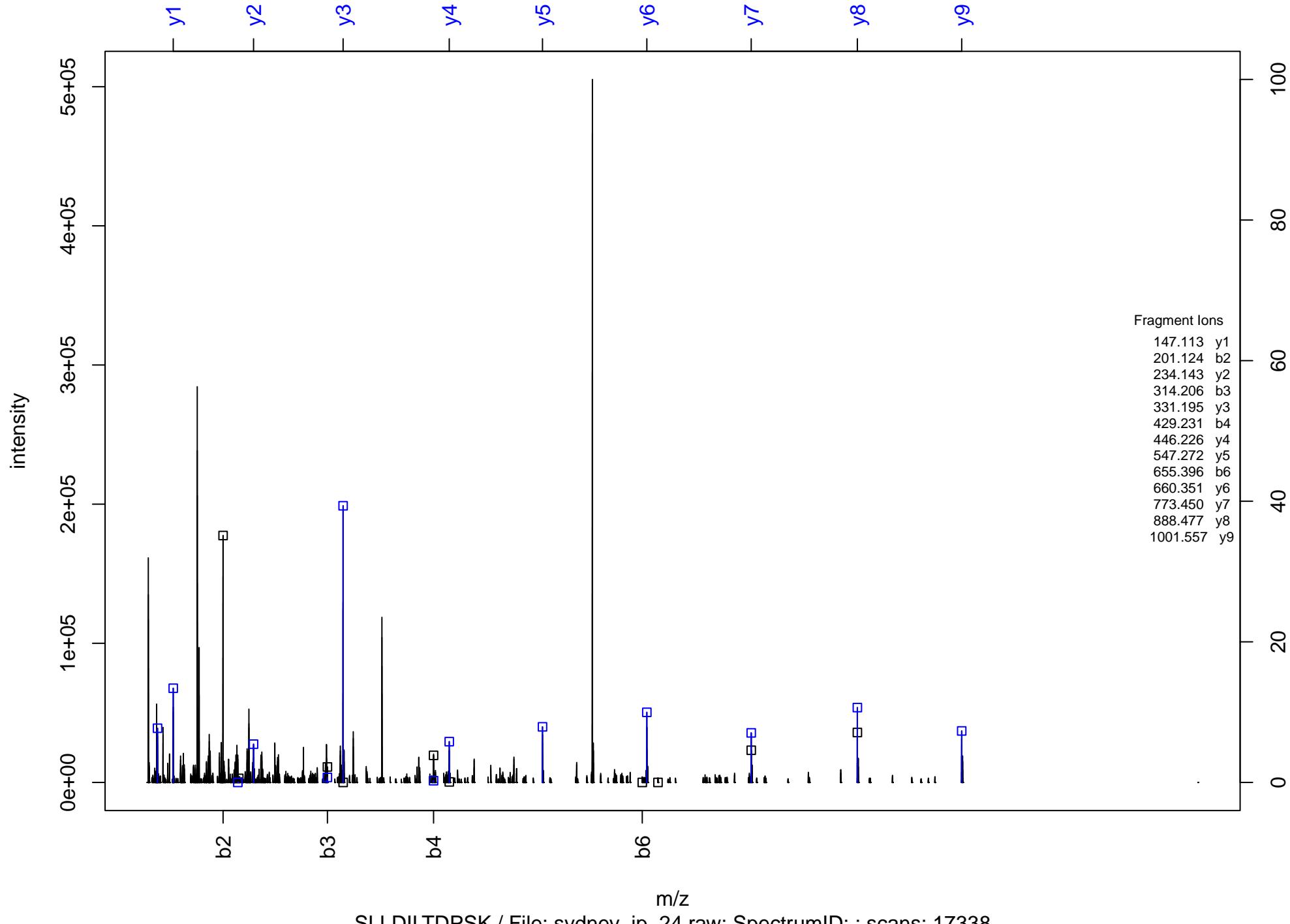
YYVQ^ALEQLK



DFLLDIAR

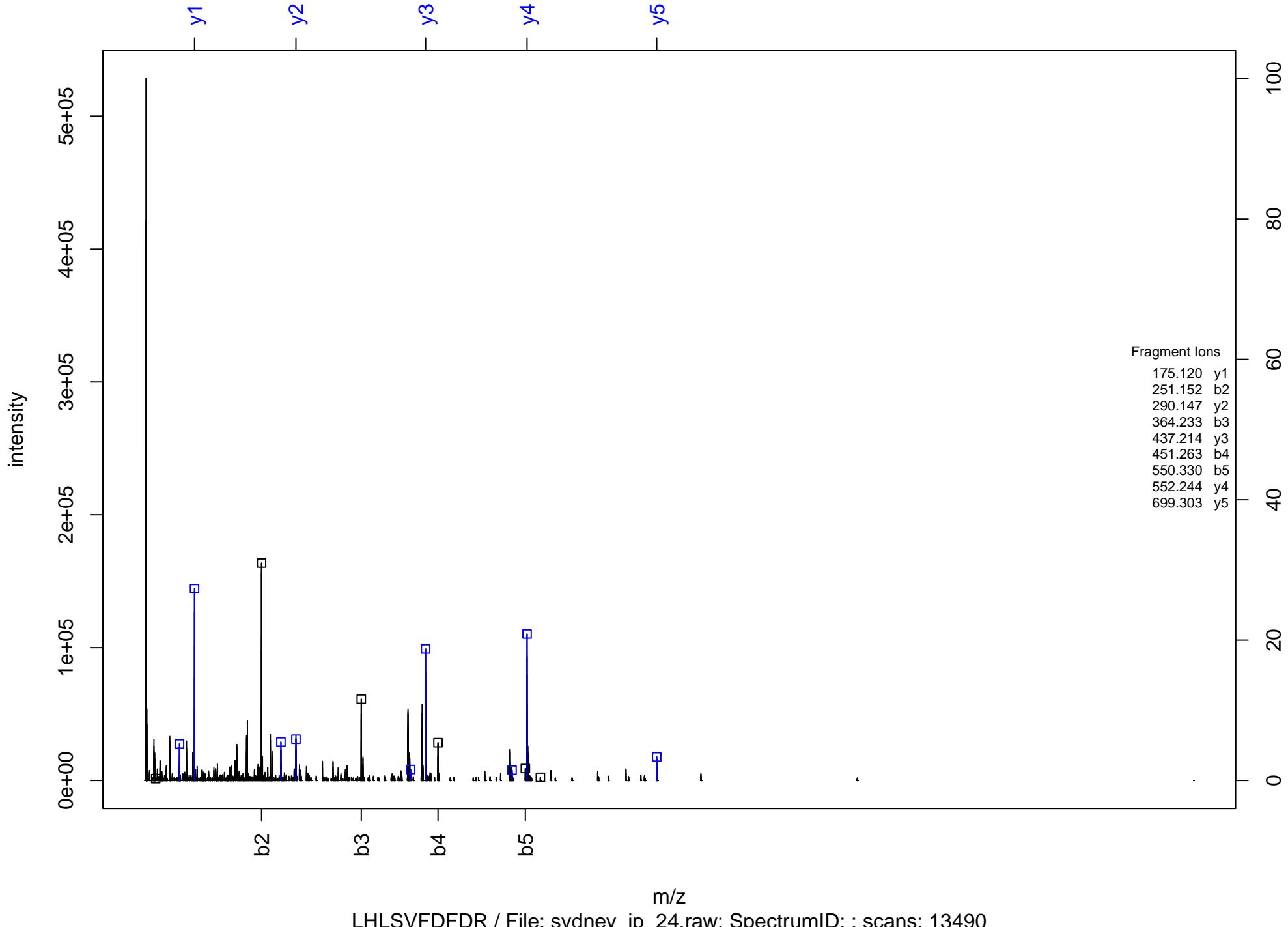


SLLDILTDPSK

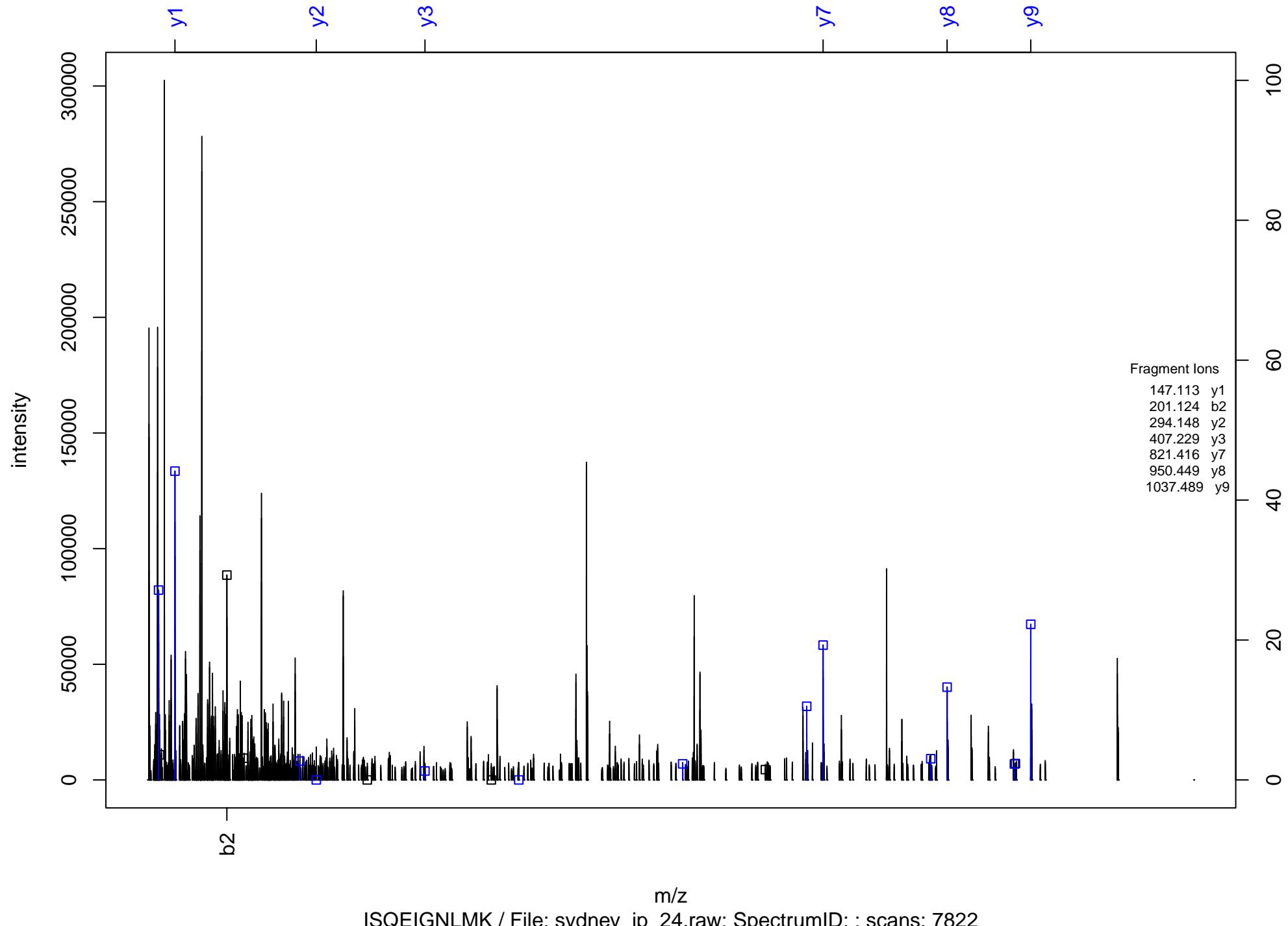


SLLDILTDPSK / File: sydney_ip_24.raw; SpectrumID: ; scans: 17338

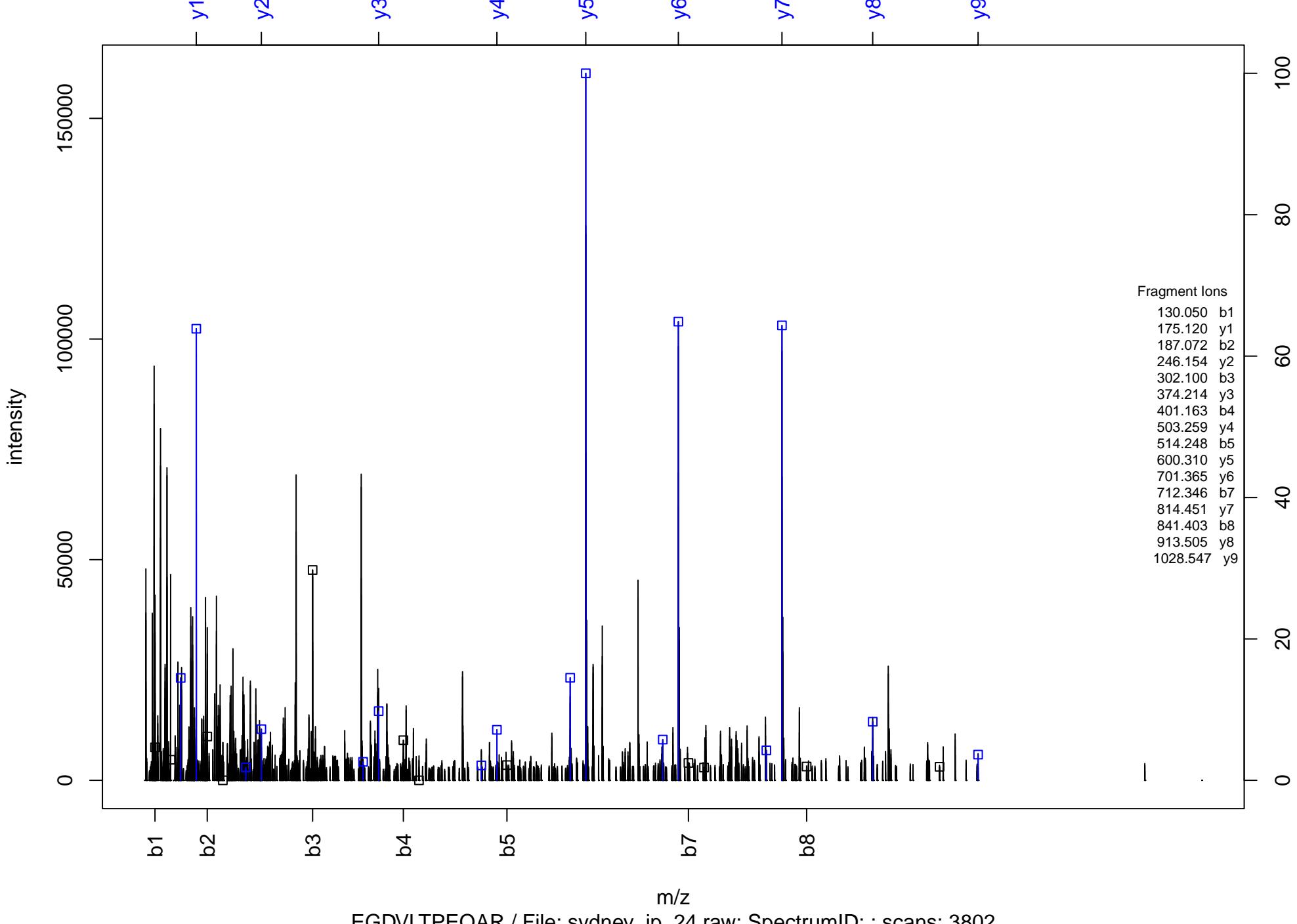
LHLSVFDFDR



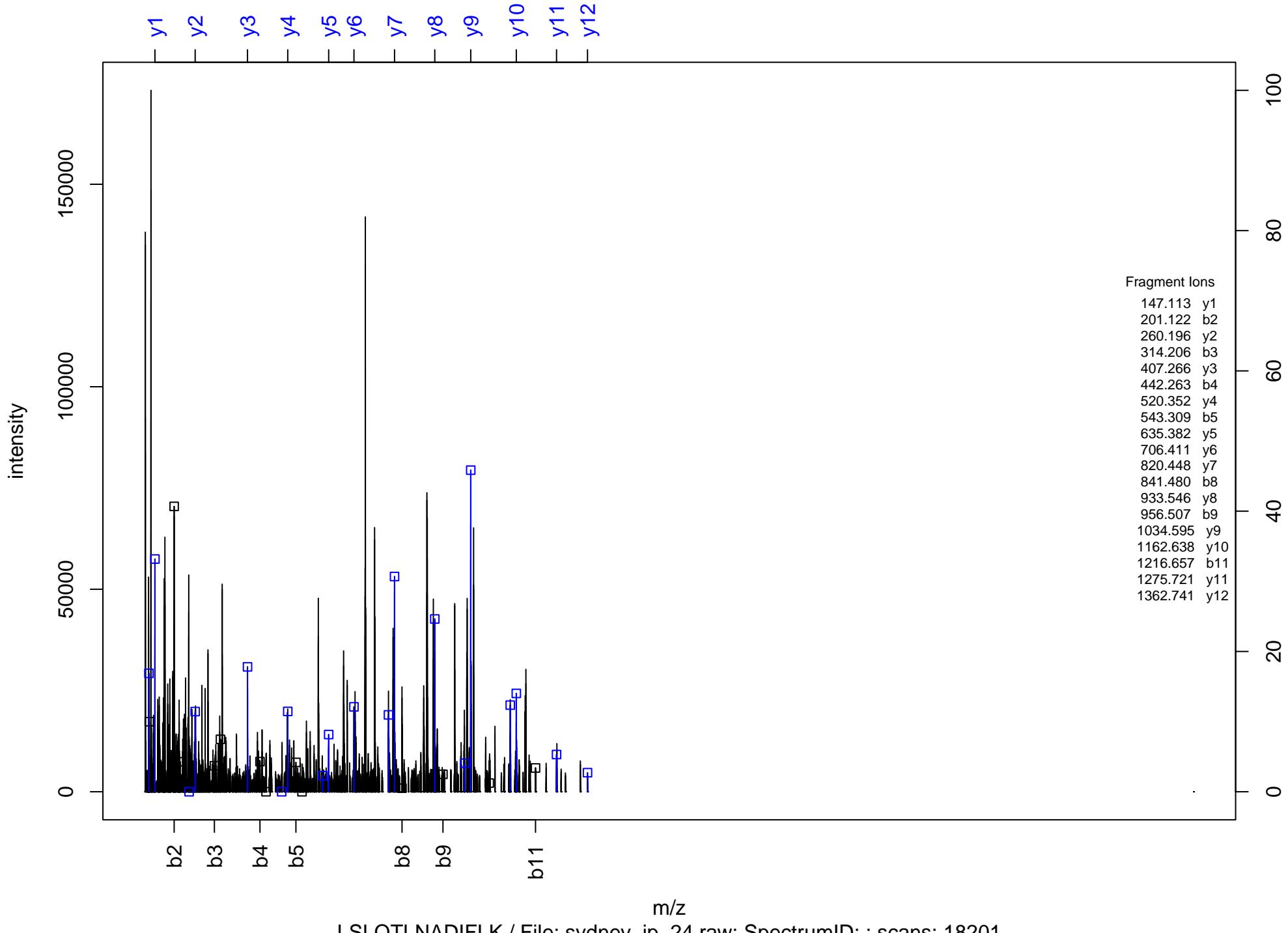
ISQ^EIGN^LM*K



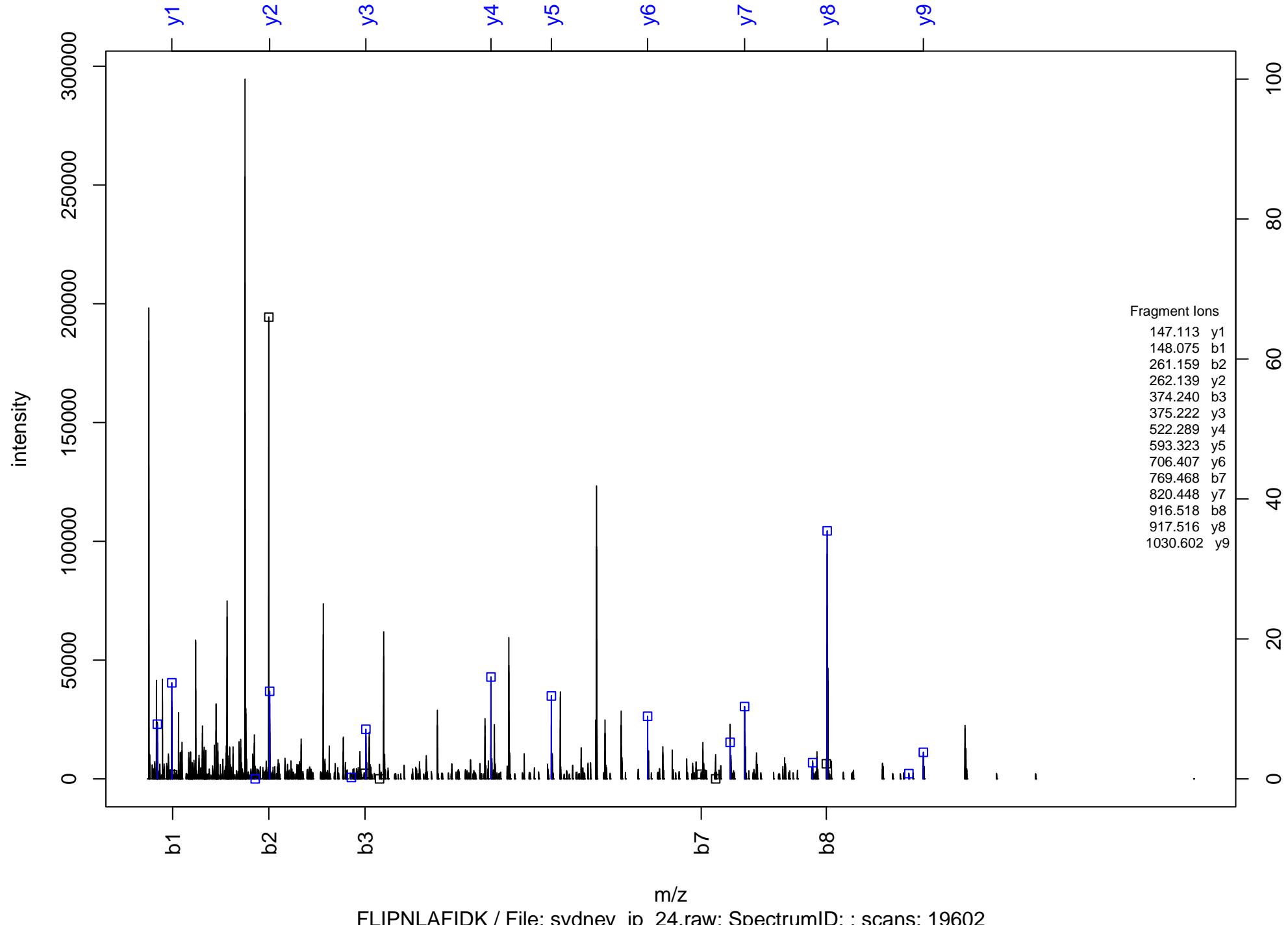
EGDVLTP EQAR



LSLQTLNADIFLK



FLIPNLAFIDK

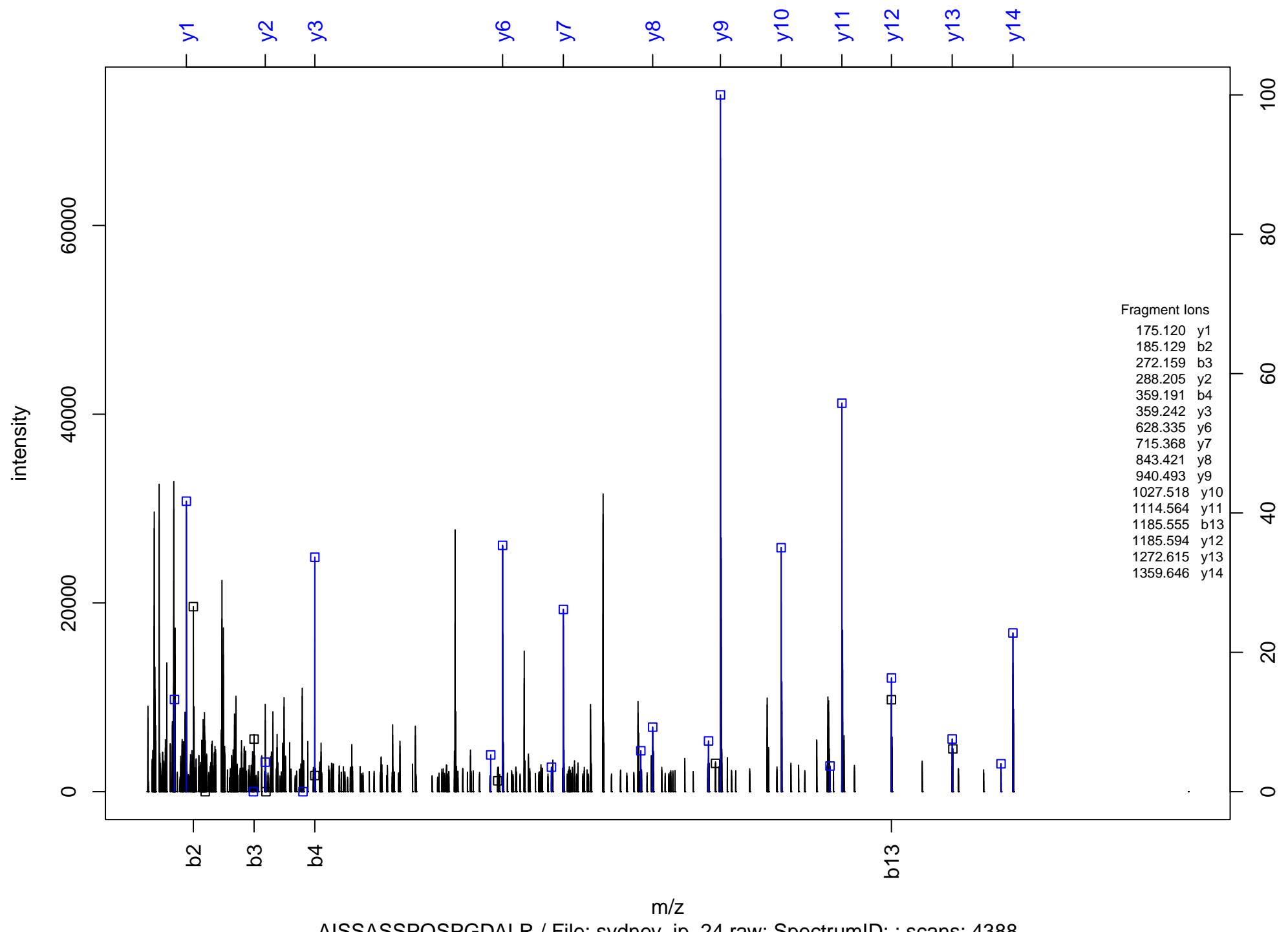


Fragment Ions

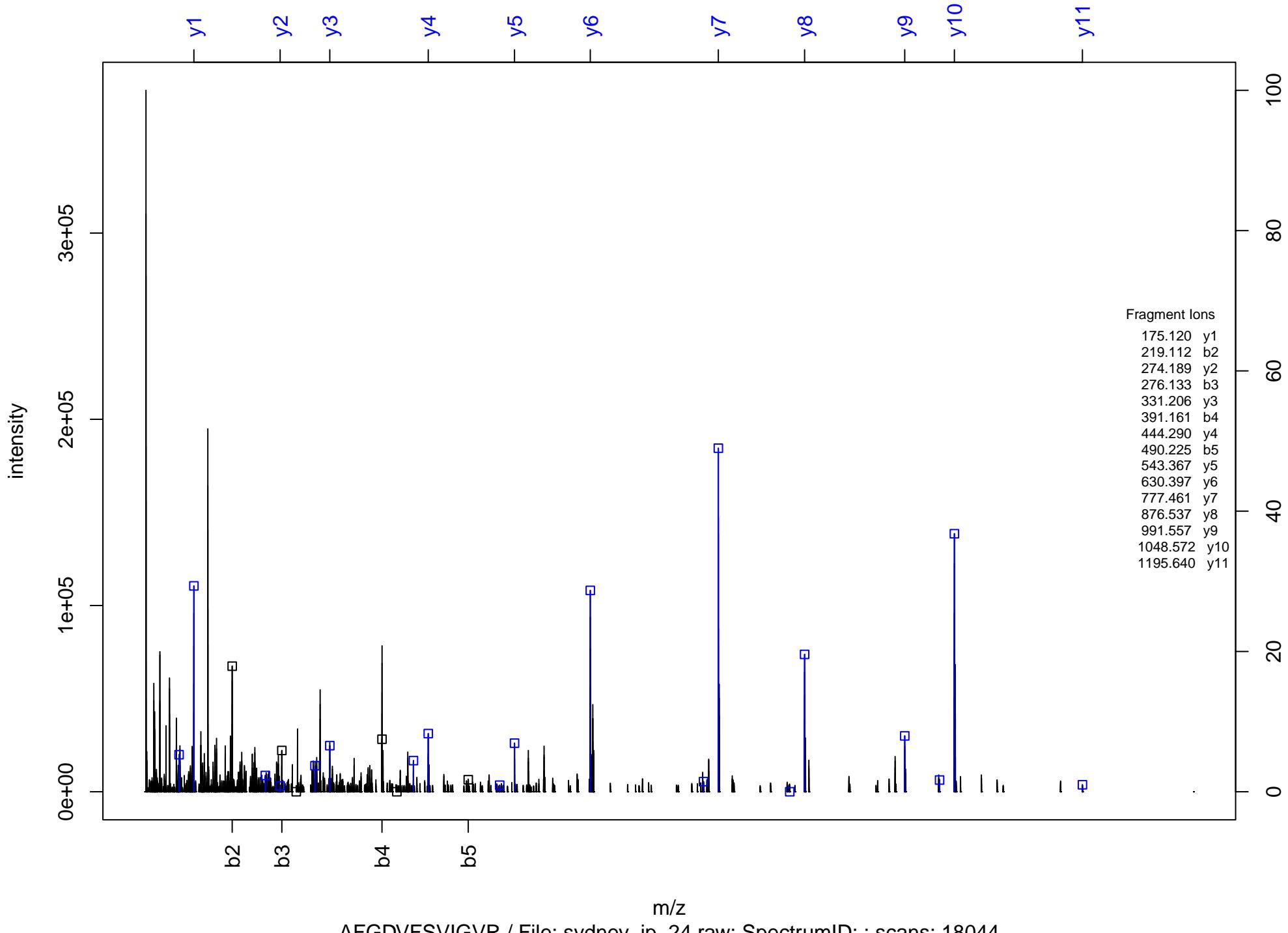
147.113	y1
148.075	b1
261.159	b2
262.139	y2
374.240	b3
375.222	y3
522.289	y4
593.323	y5
706.407	y6
769.468	b7
820.448	y7
916.518	b8
917.516	y8
1030.602	y9

FLIPNLAFIDK / File: sydney_ip_24.raw; SpectrumID: ; scans: 19602

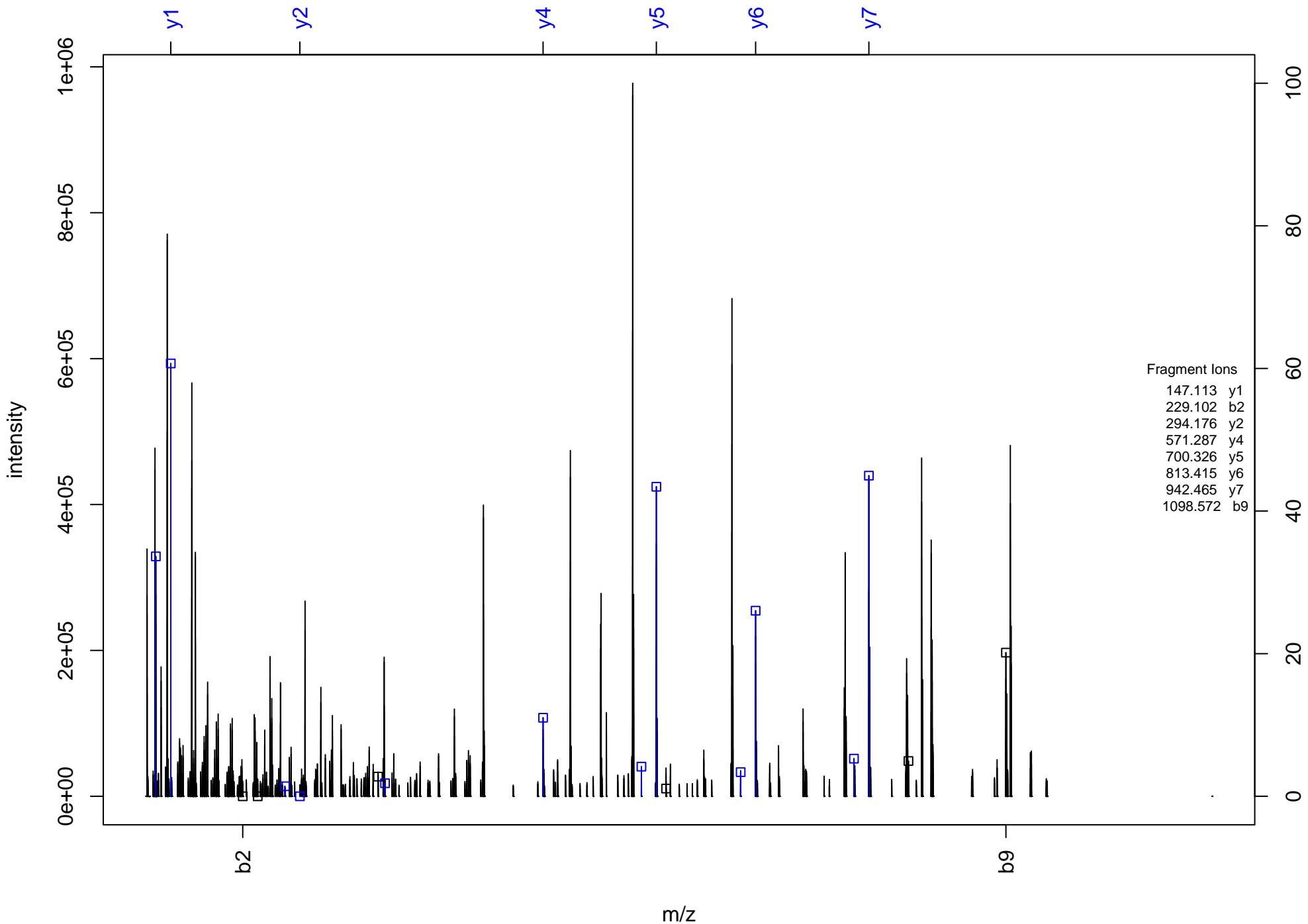
AISSASSPQSPGDALR



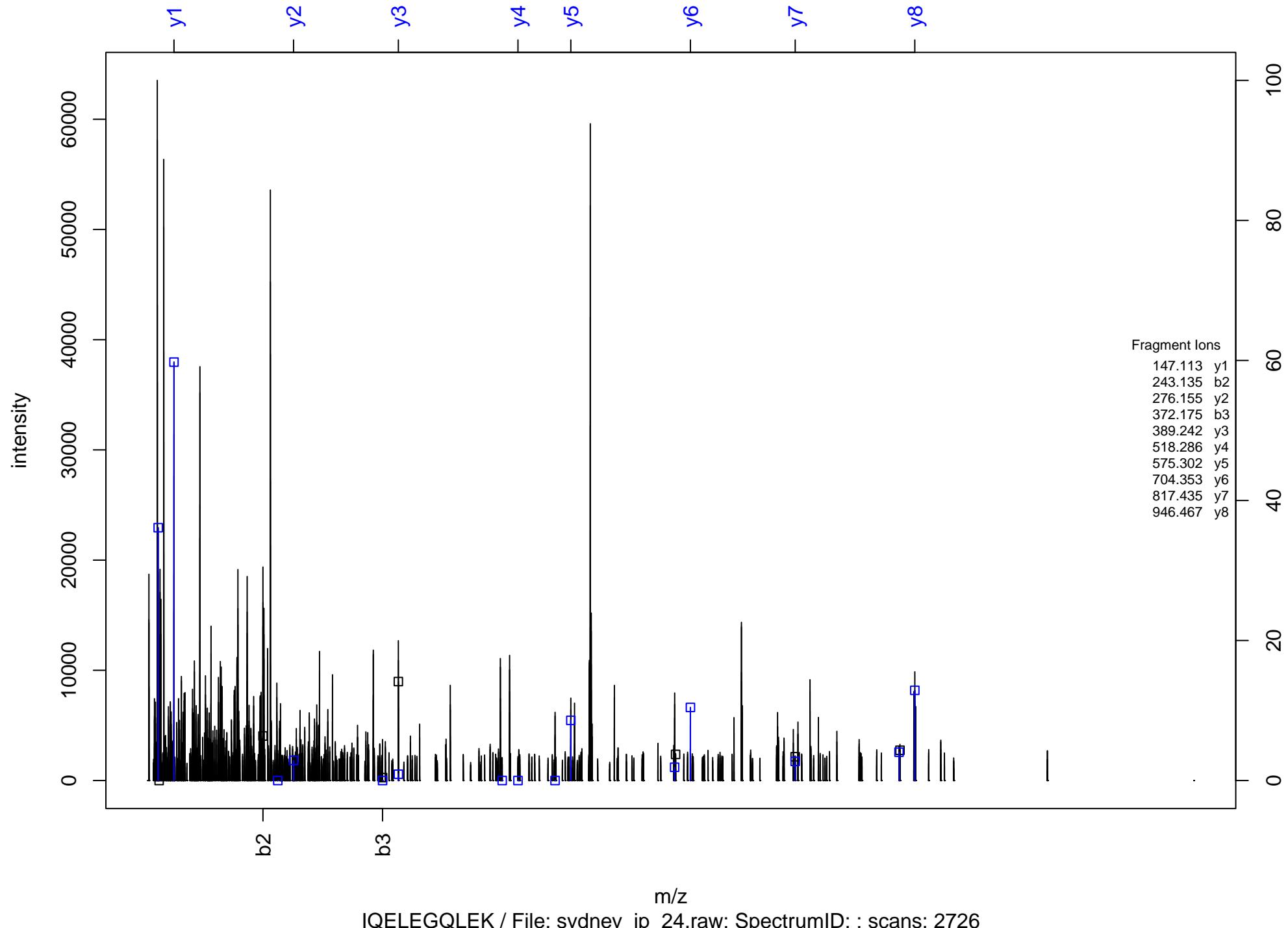
AFGDVFSVIGVR



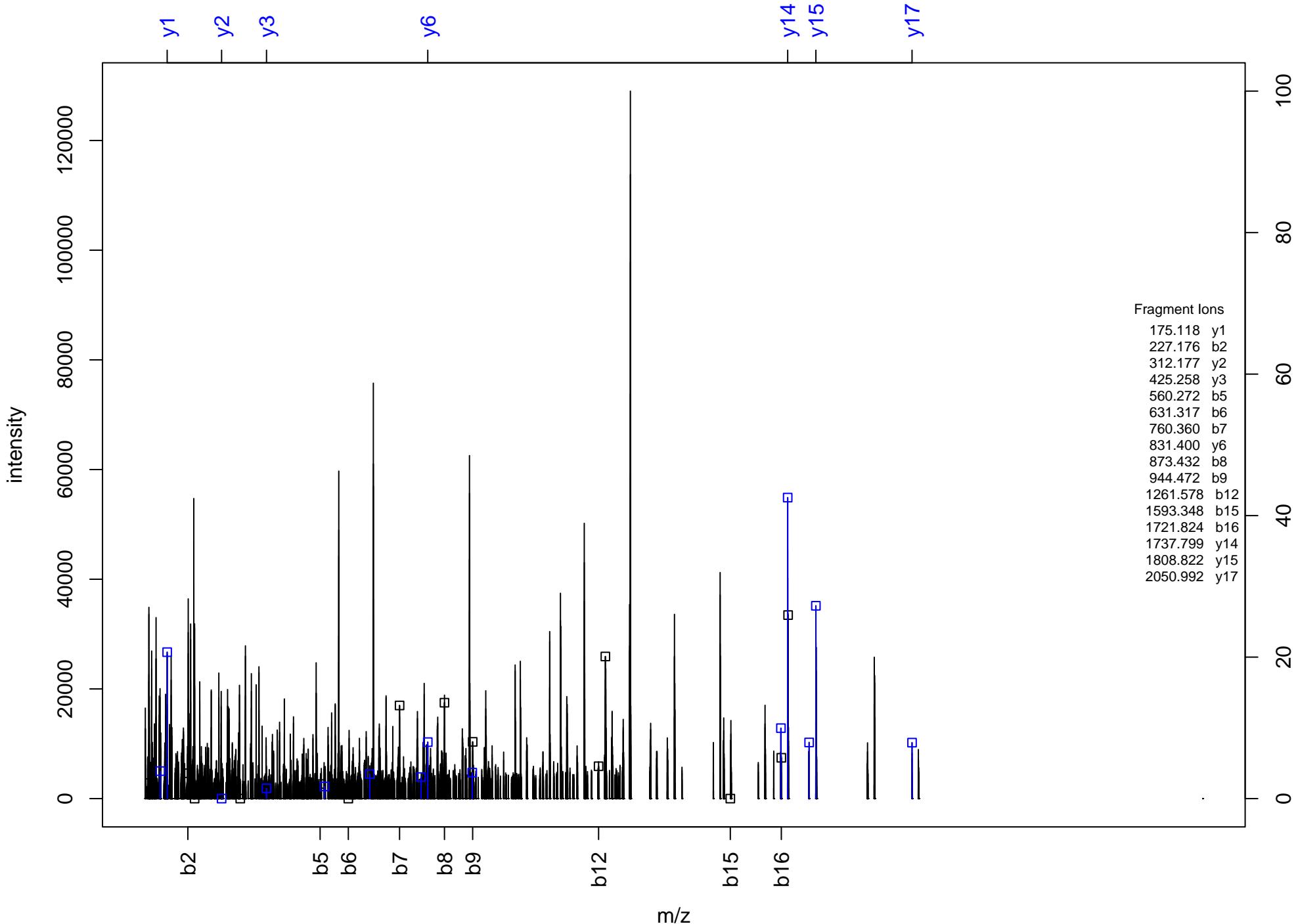
MPHKT^VL^YQ^YLDN^{^Q}^{^I}Q^{^Y}NFK



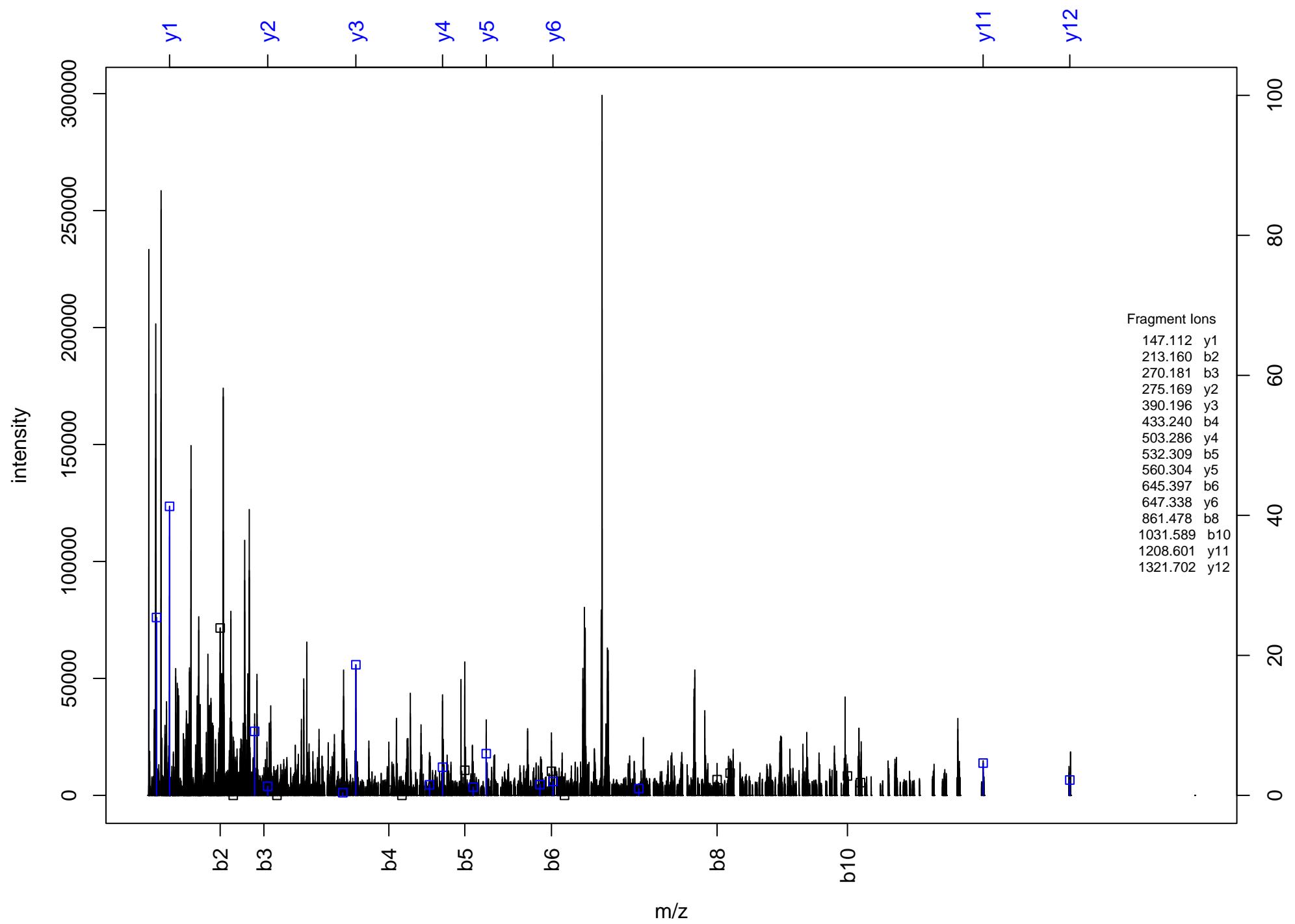
IQ^ELEGQ^LEK



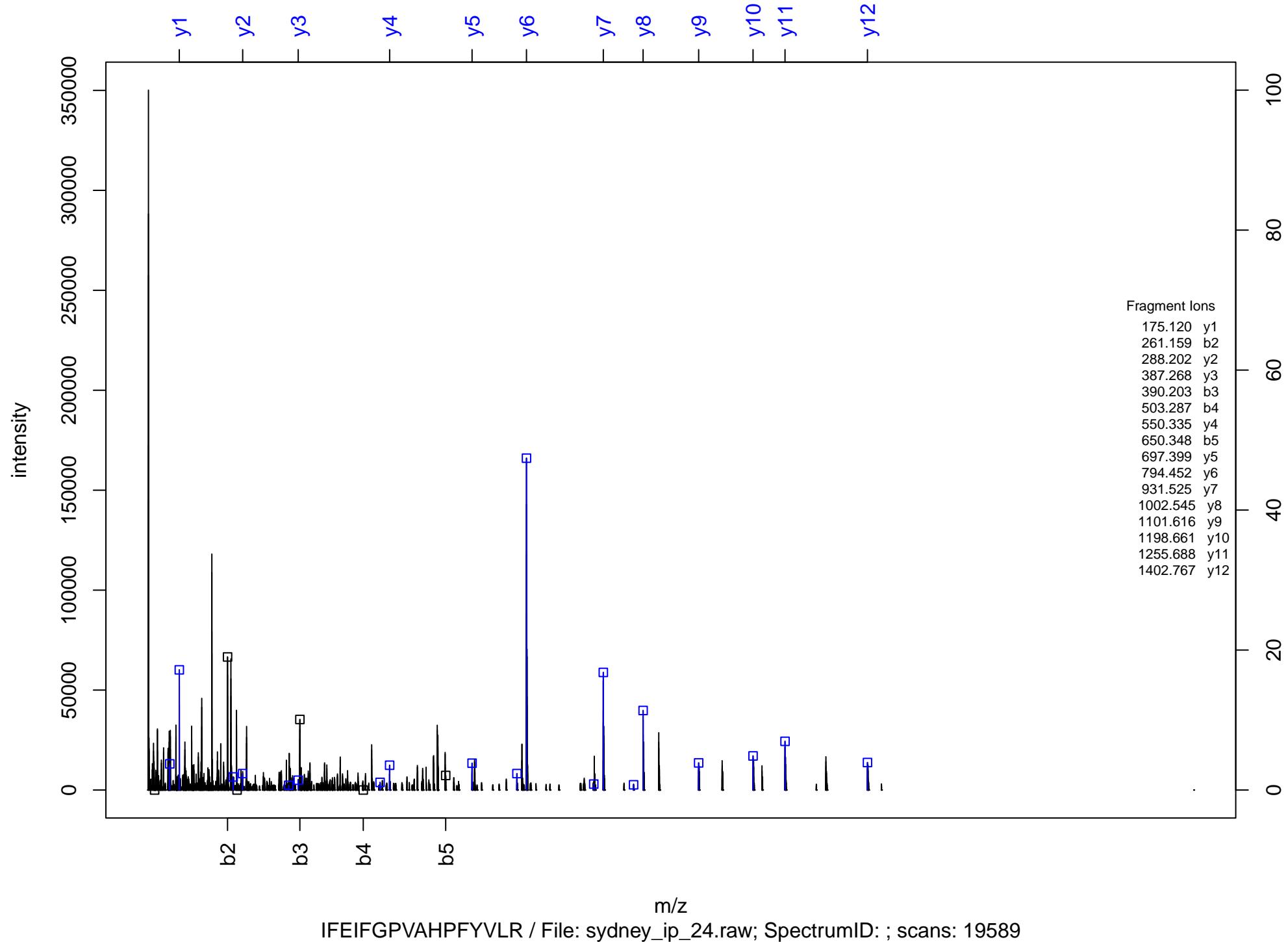
LLDM^{*}AAQ[^]IAEGMAFIEEQ[^]NYIHR



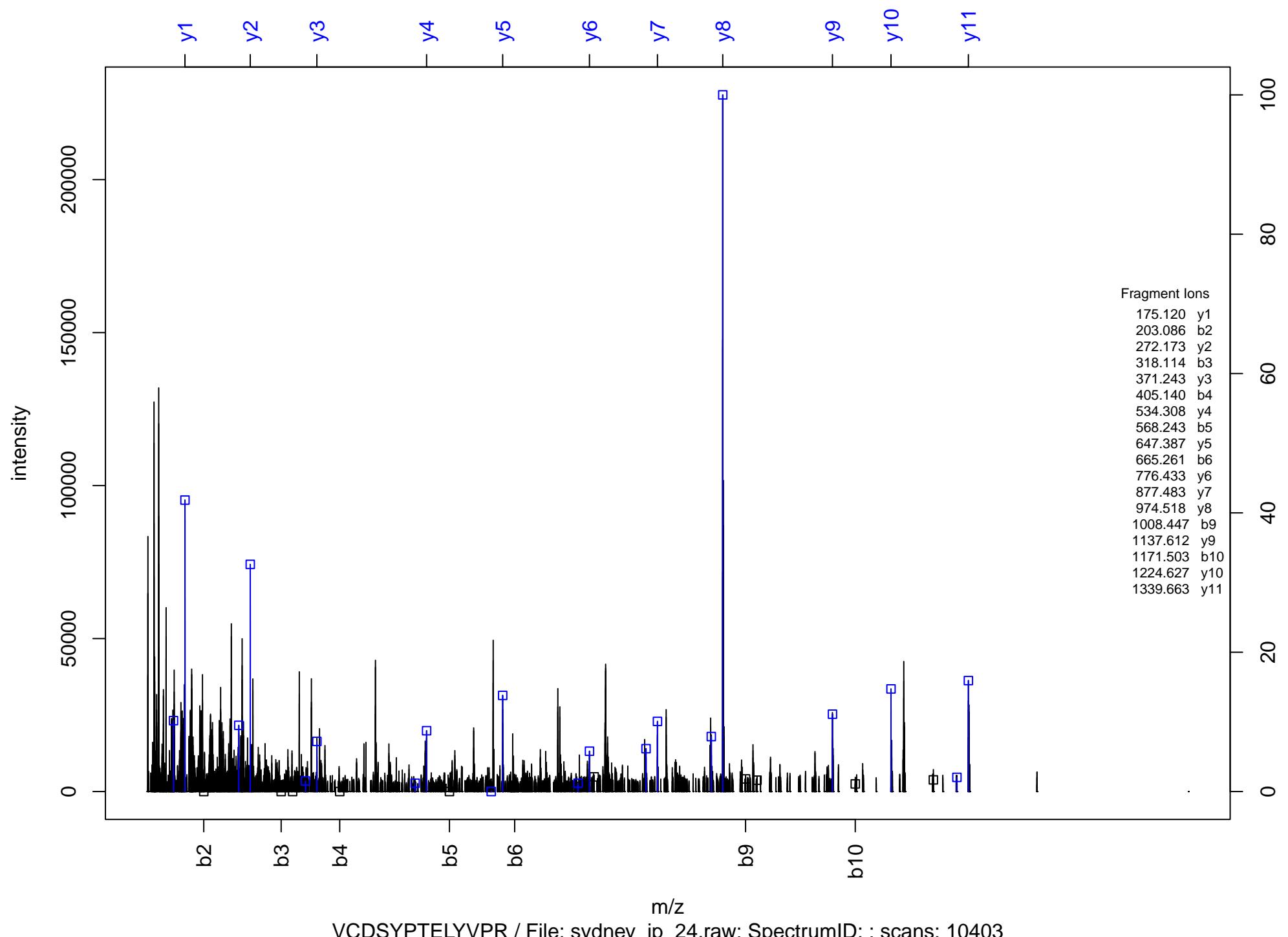
VLGYVLQ^ASGLN^AQK



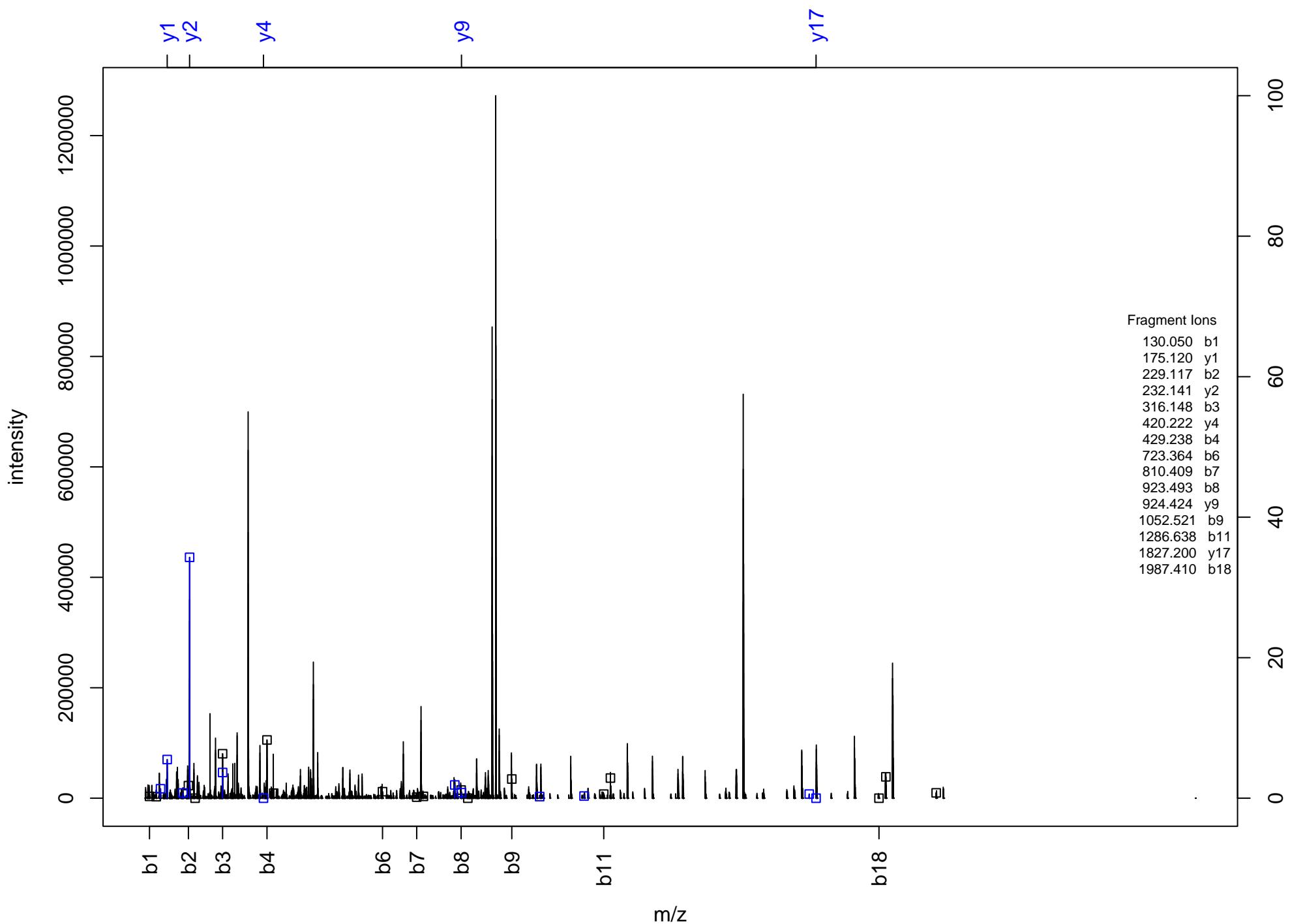
IFEIFGPVAHPFYVLR



VCDSYPTELYVPR

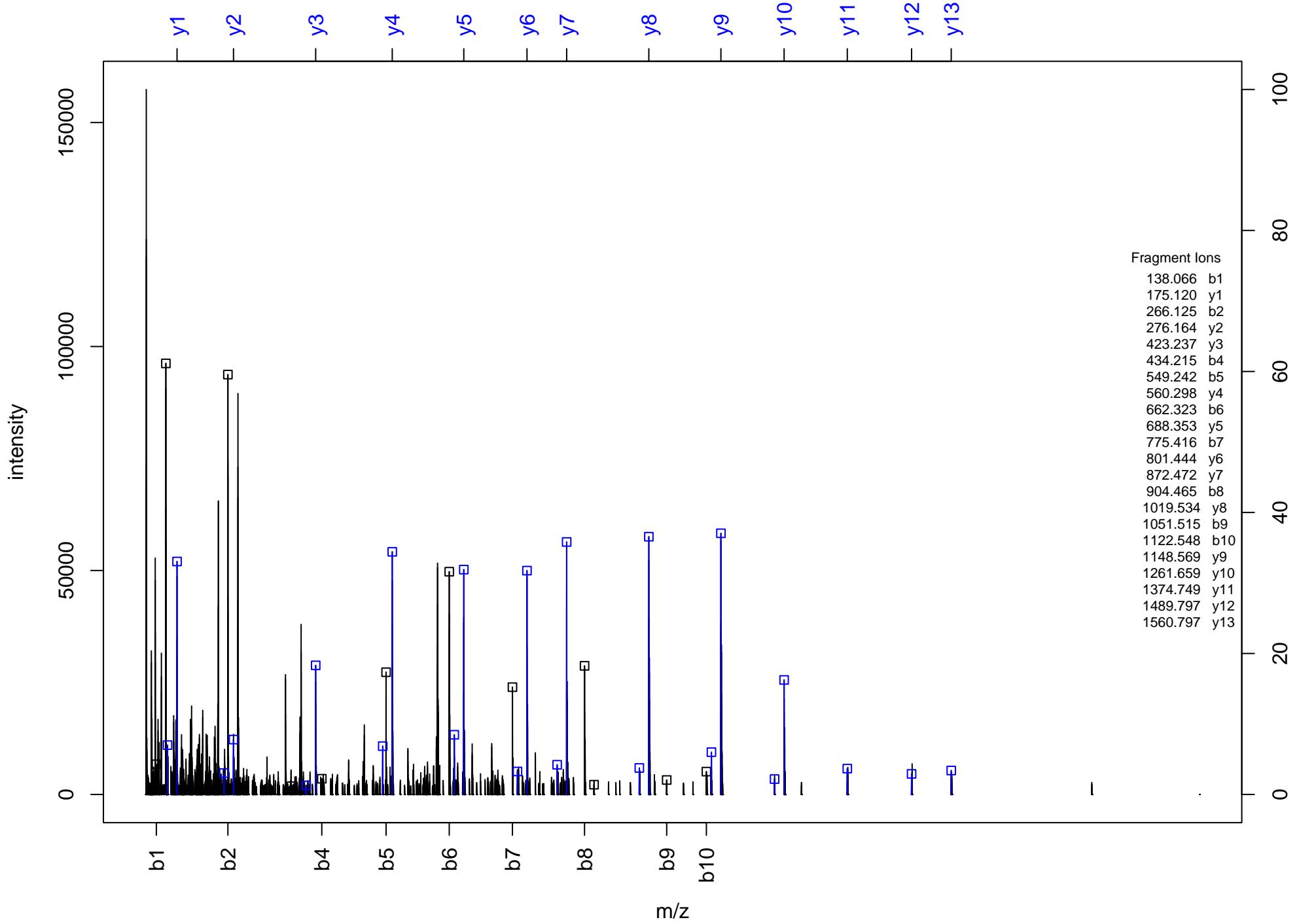


(Ac)SVSLFFSIQ^HPPLN^TATCQTSTGR

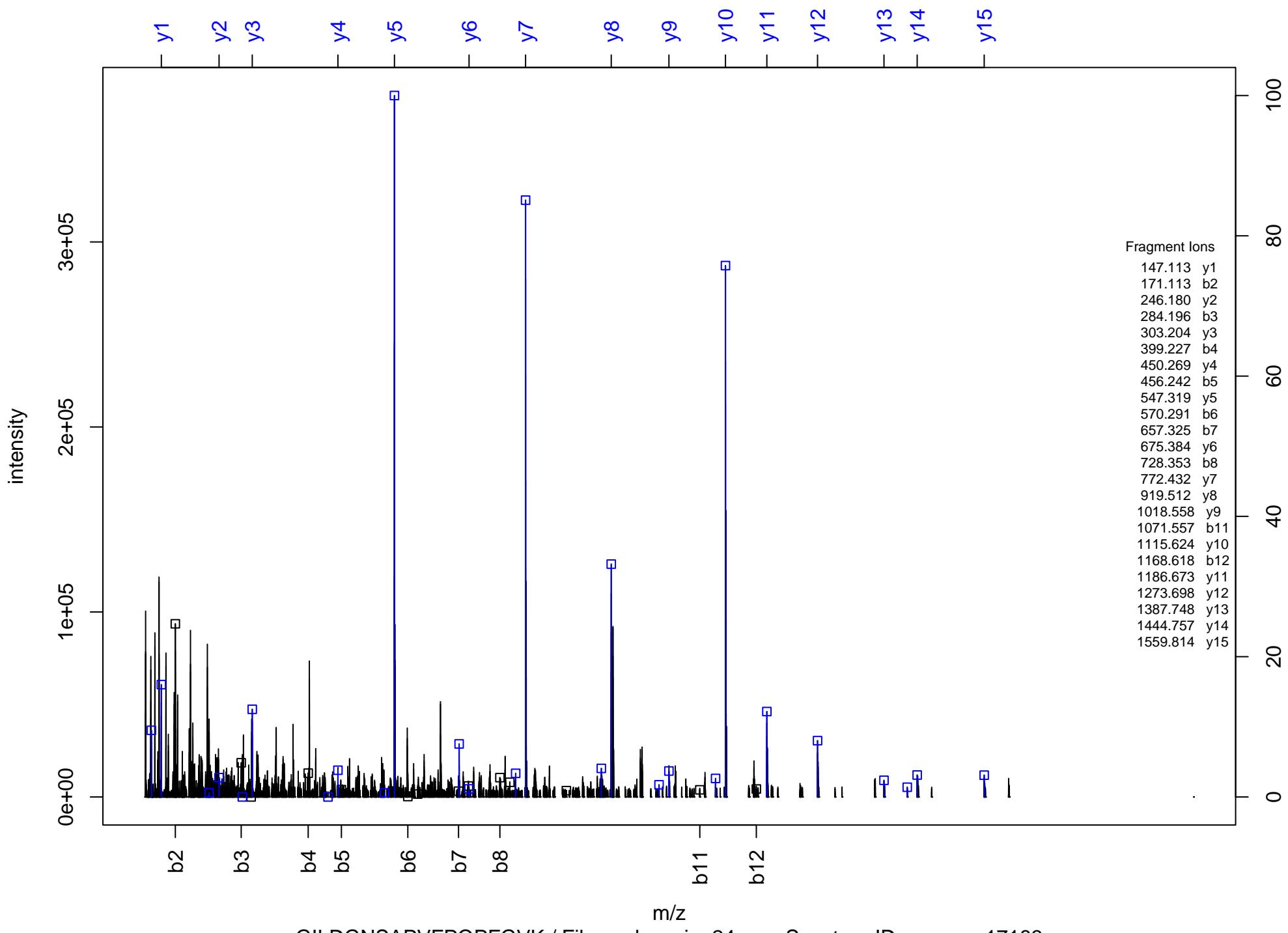


SVSLFFSIQHPPPLNTATCQTSTGR / File: sydney_ip_24.raw; SpectrumID: ; scans: 12592

HQPADLLEFALQHFTR

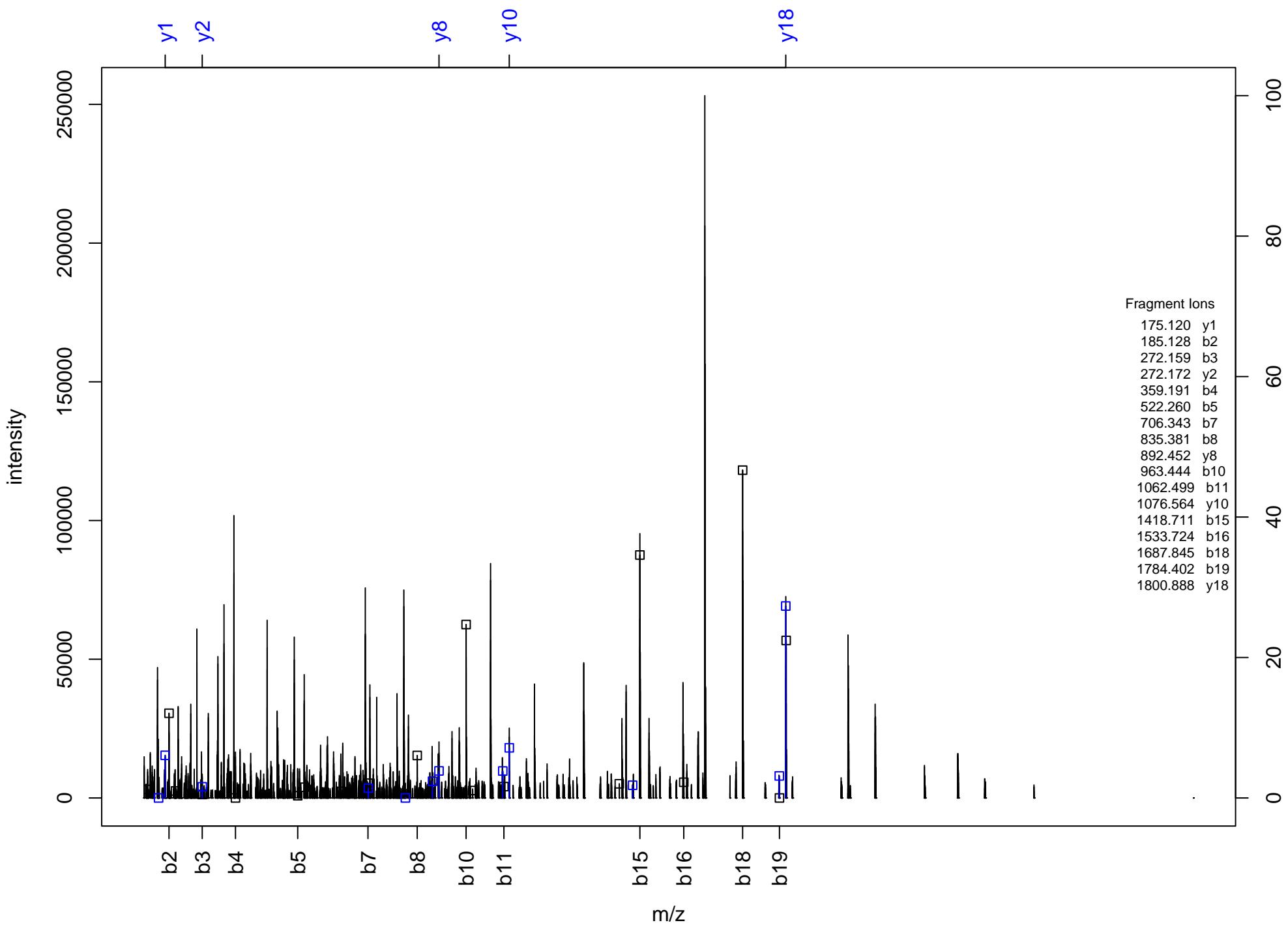


GILDGNSAPVFPQPGVK

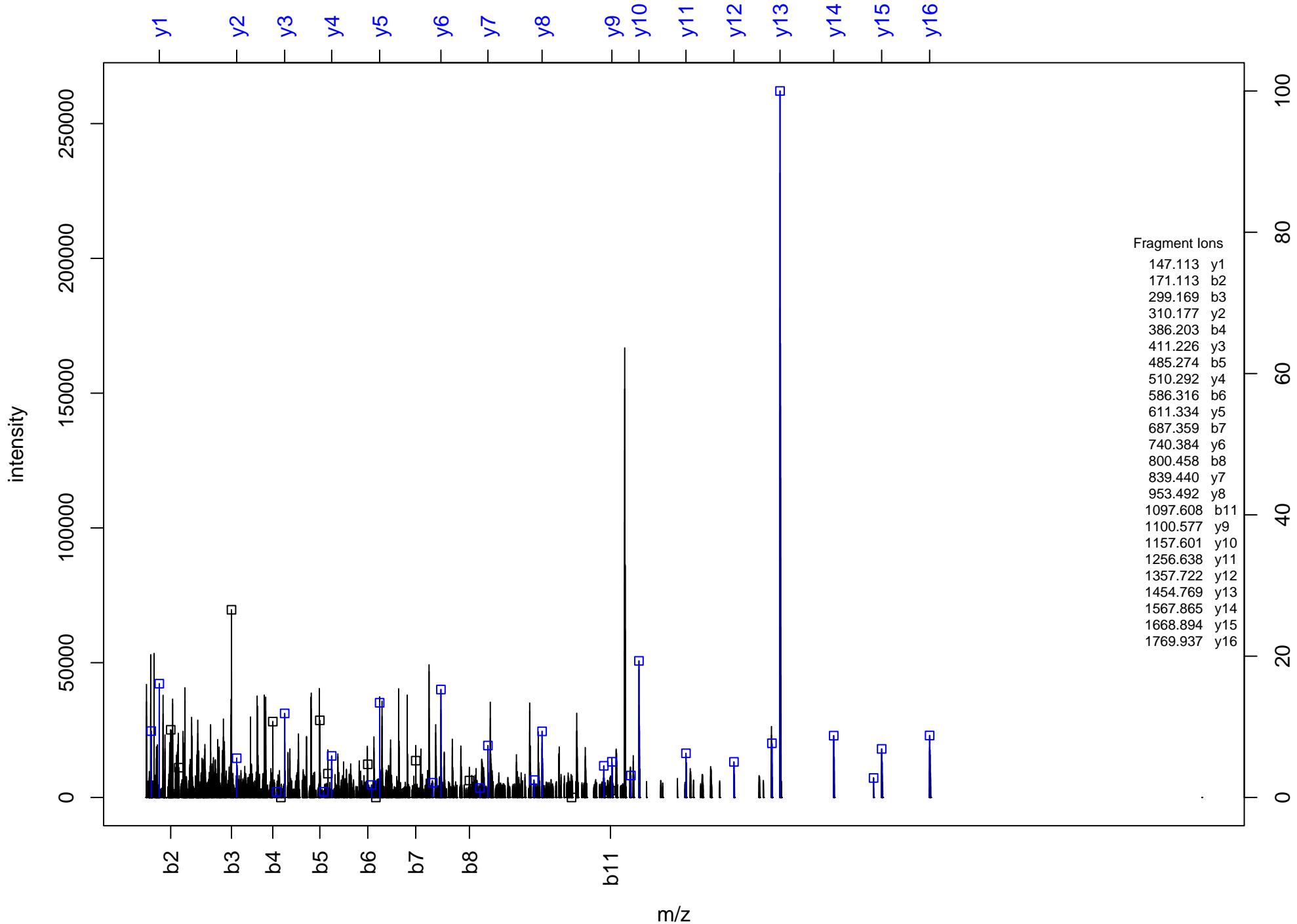


GILDGNSAPVFPQPGVK / File: sydney_ip_24.raw; SpectrumID: ; scans: 17183

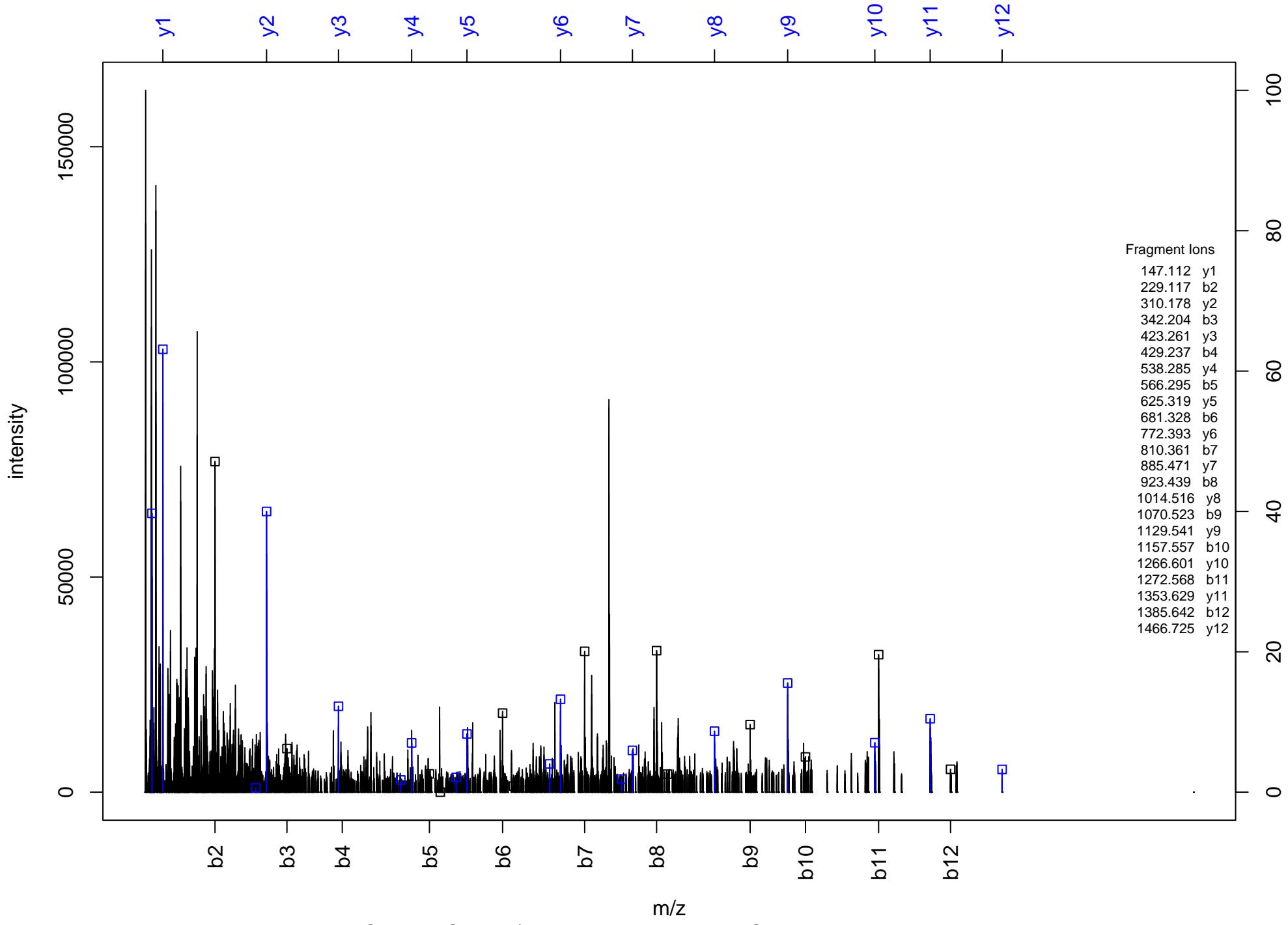
LASSYPSQ^AGVALTAN^PGPSAPLHSN^PR



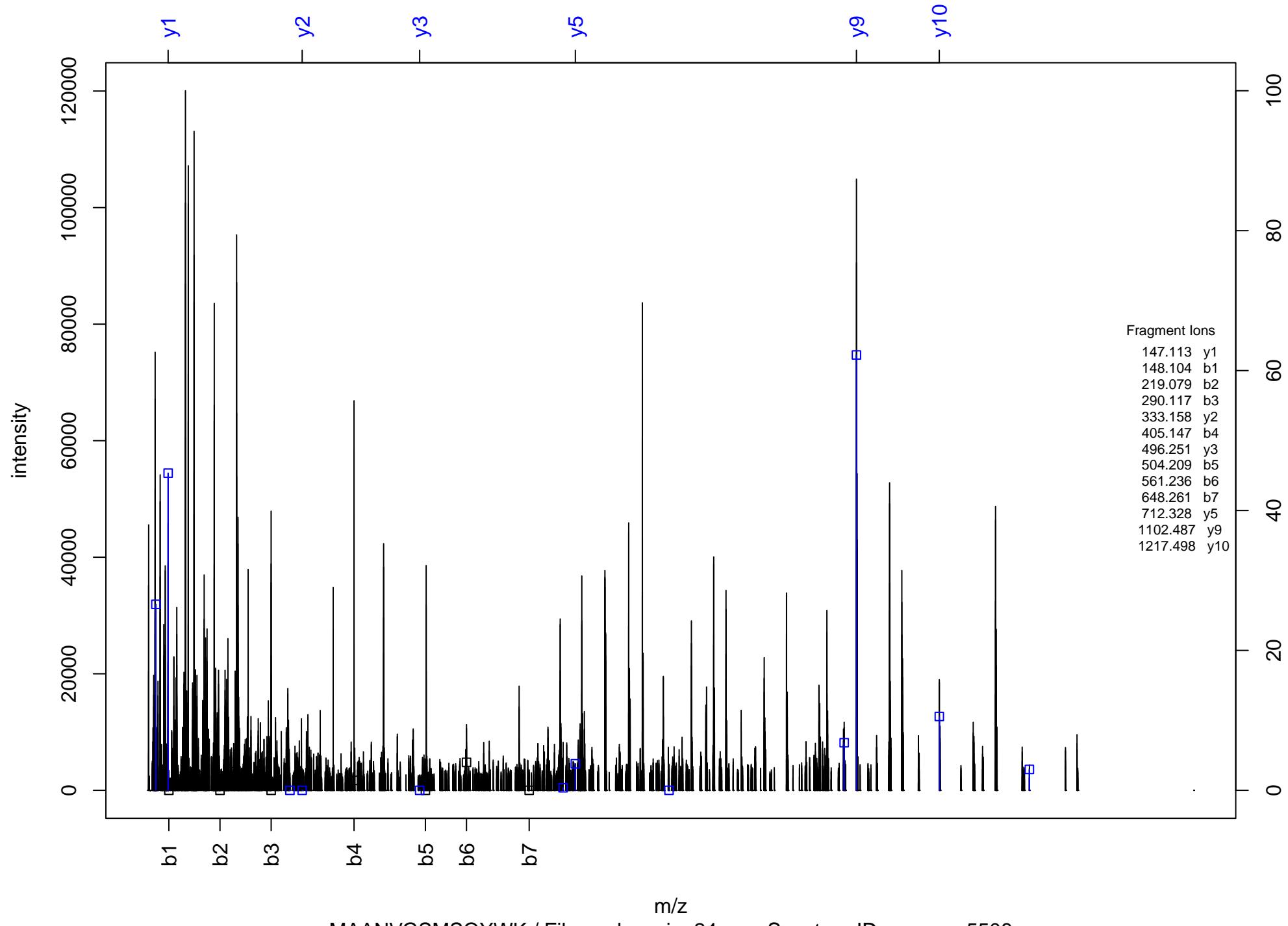
LGQSVTTIPTVGFNVETVTYK



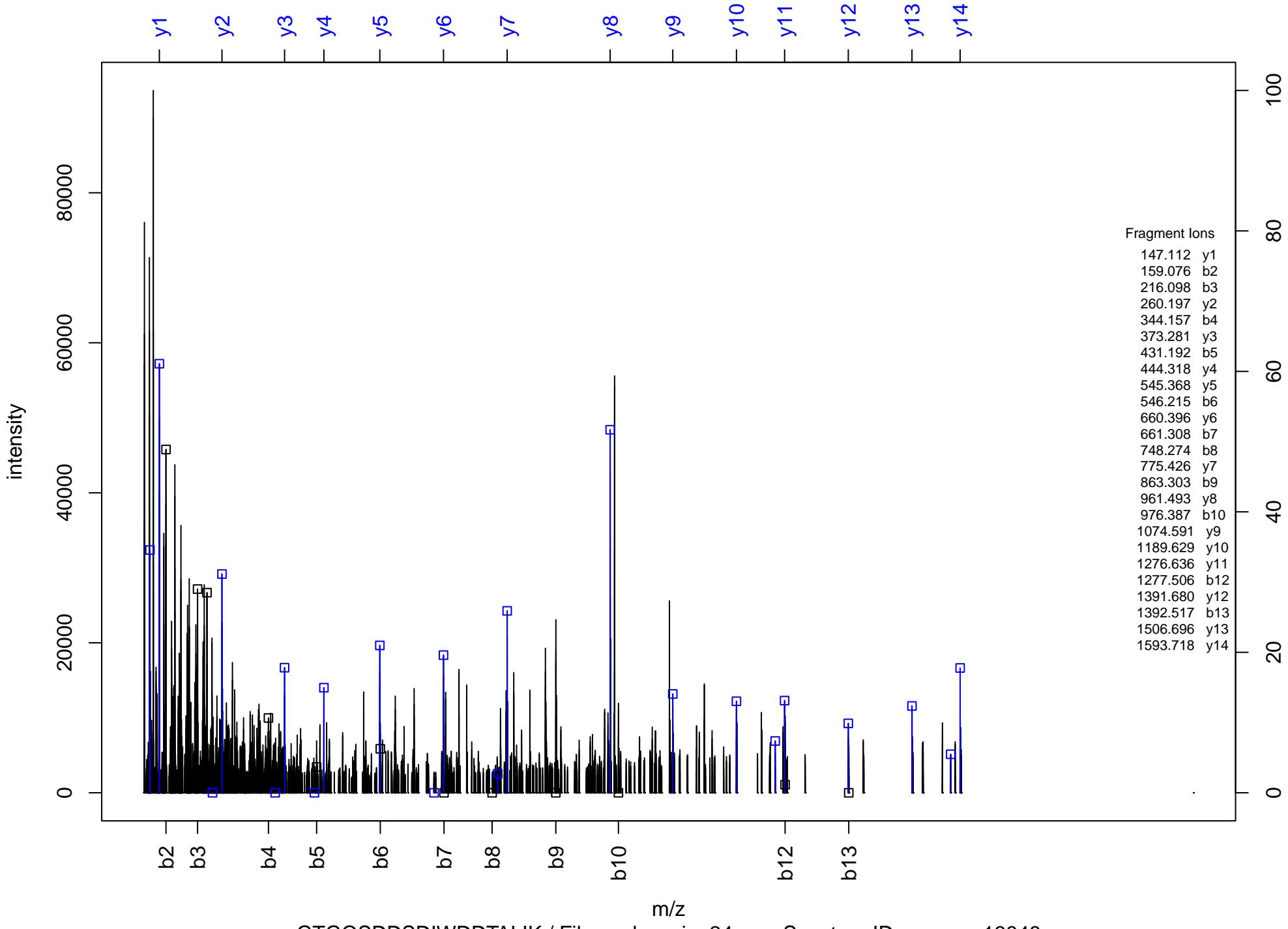
DLISHDELFSDIYK



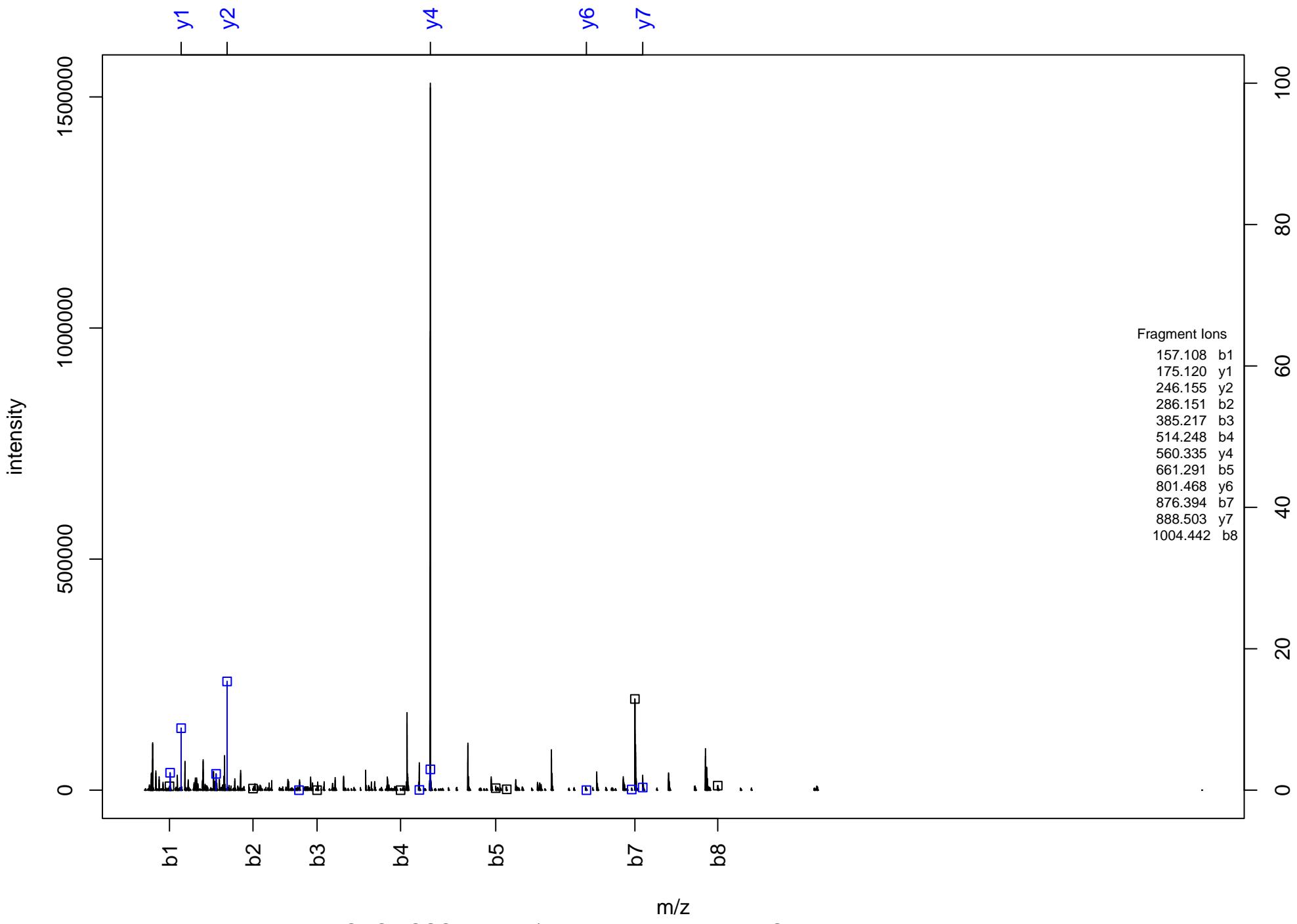
M^{*}AAN[^]VGSM^{*}SQ[^]YWK



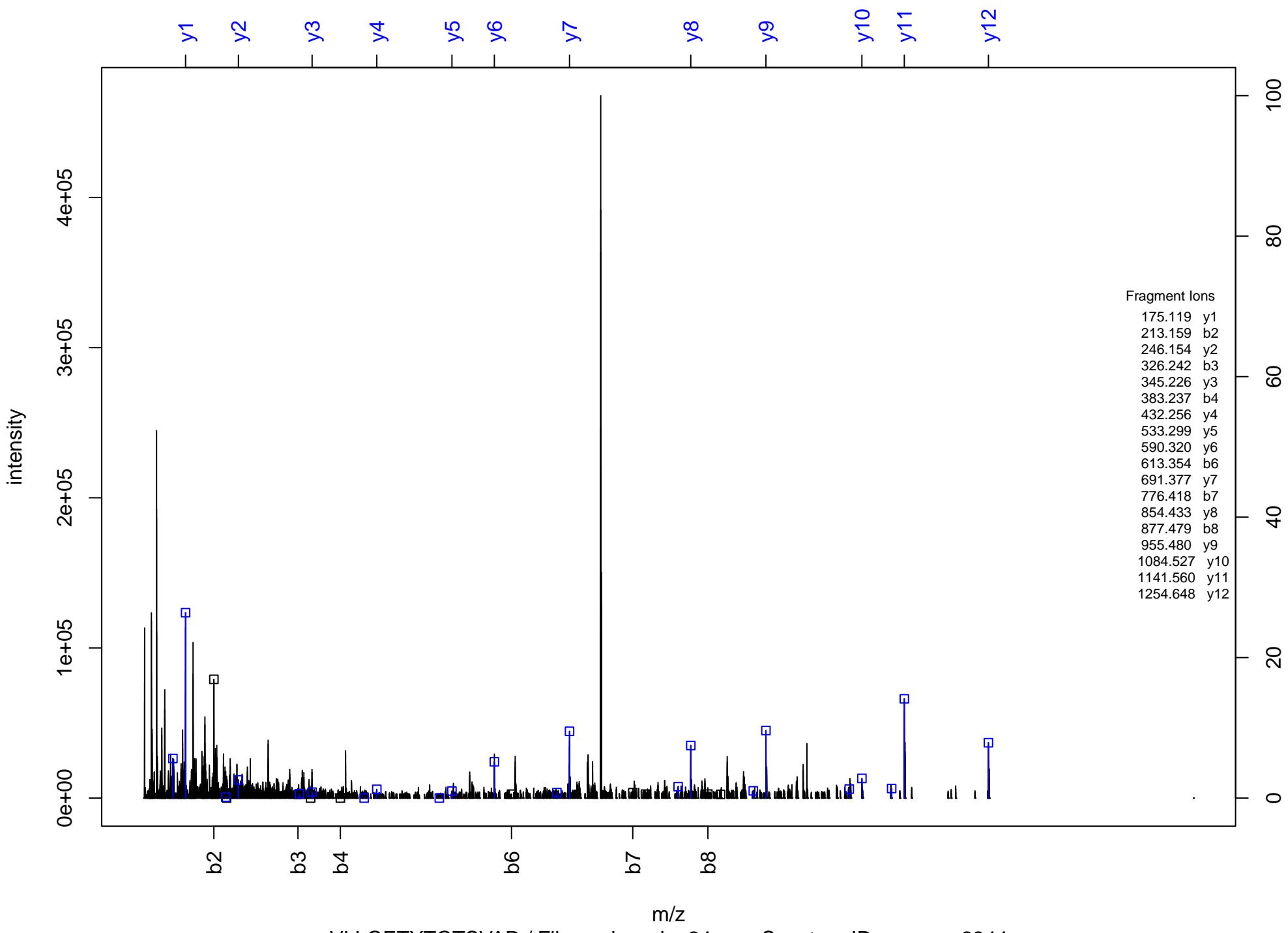
GTGQSDDSDIWDDTALIK



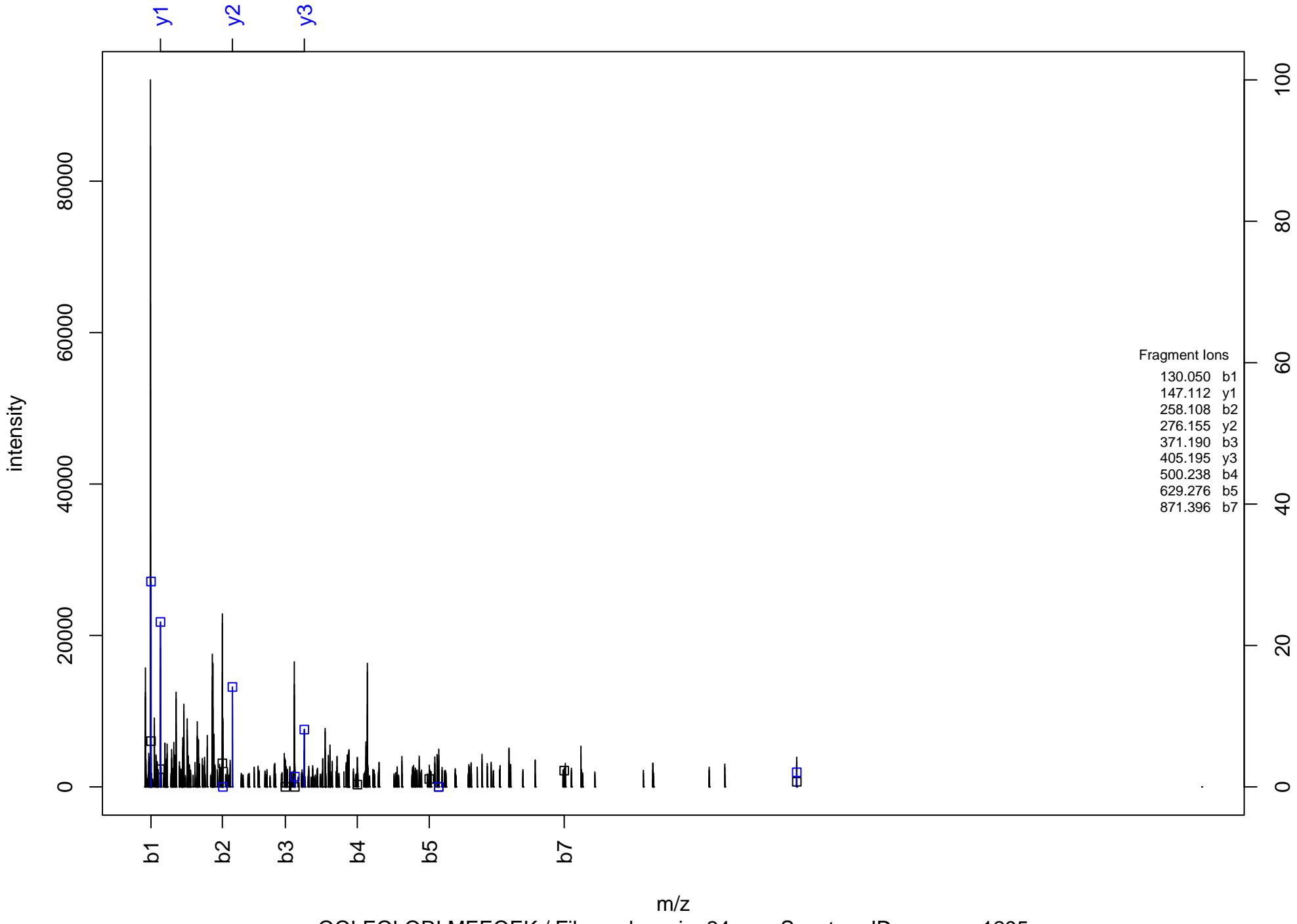
RQ^AVQ^BM^CSQLWKAR



VLLGETYTGTSVAR

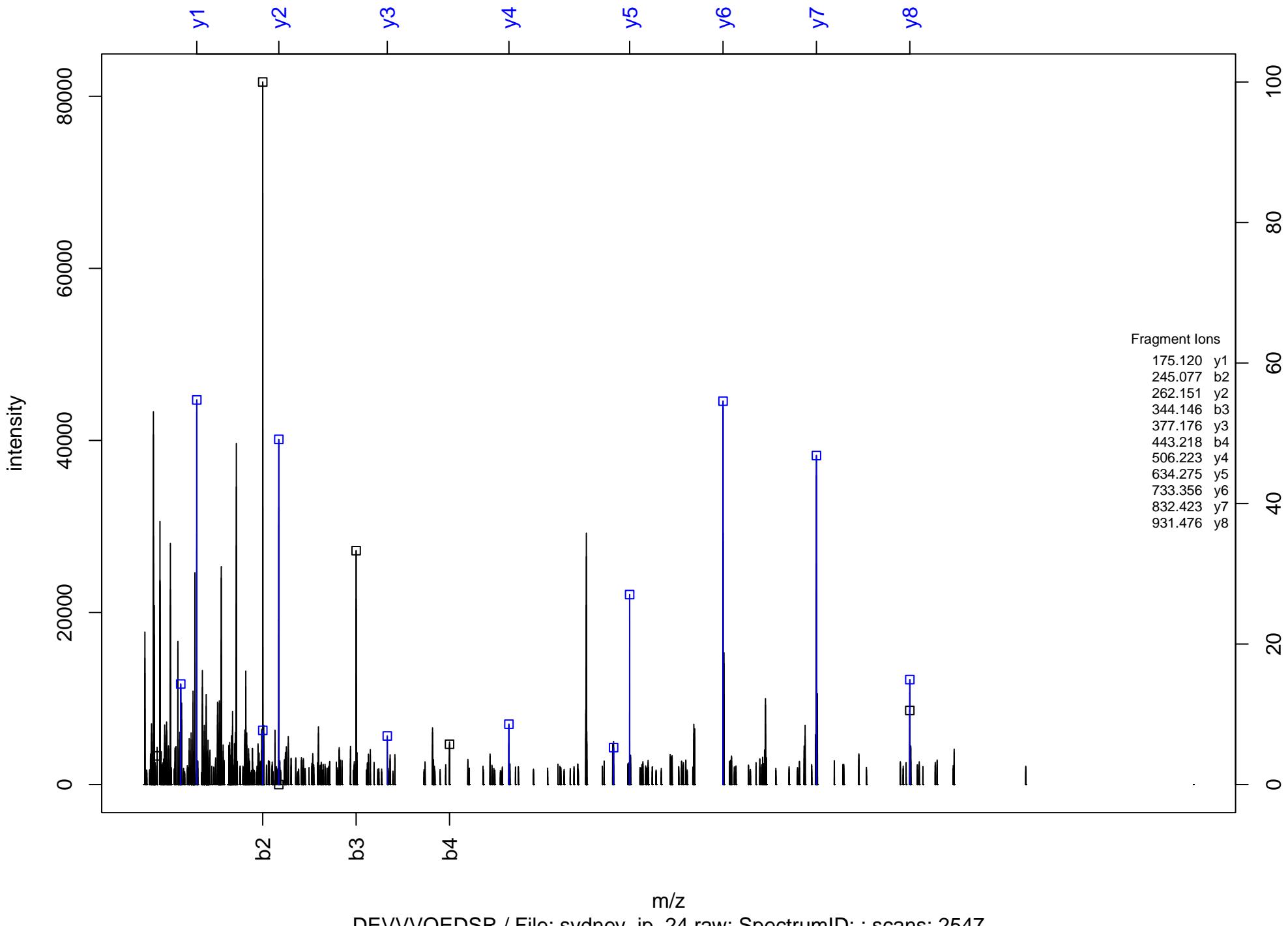


Q^QLEQ^LQ^RLMEEQ^EK

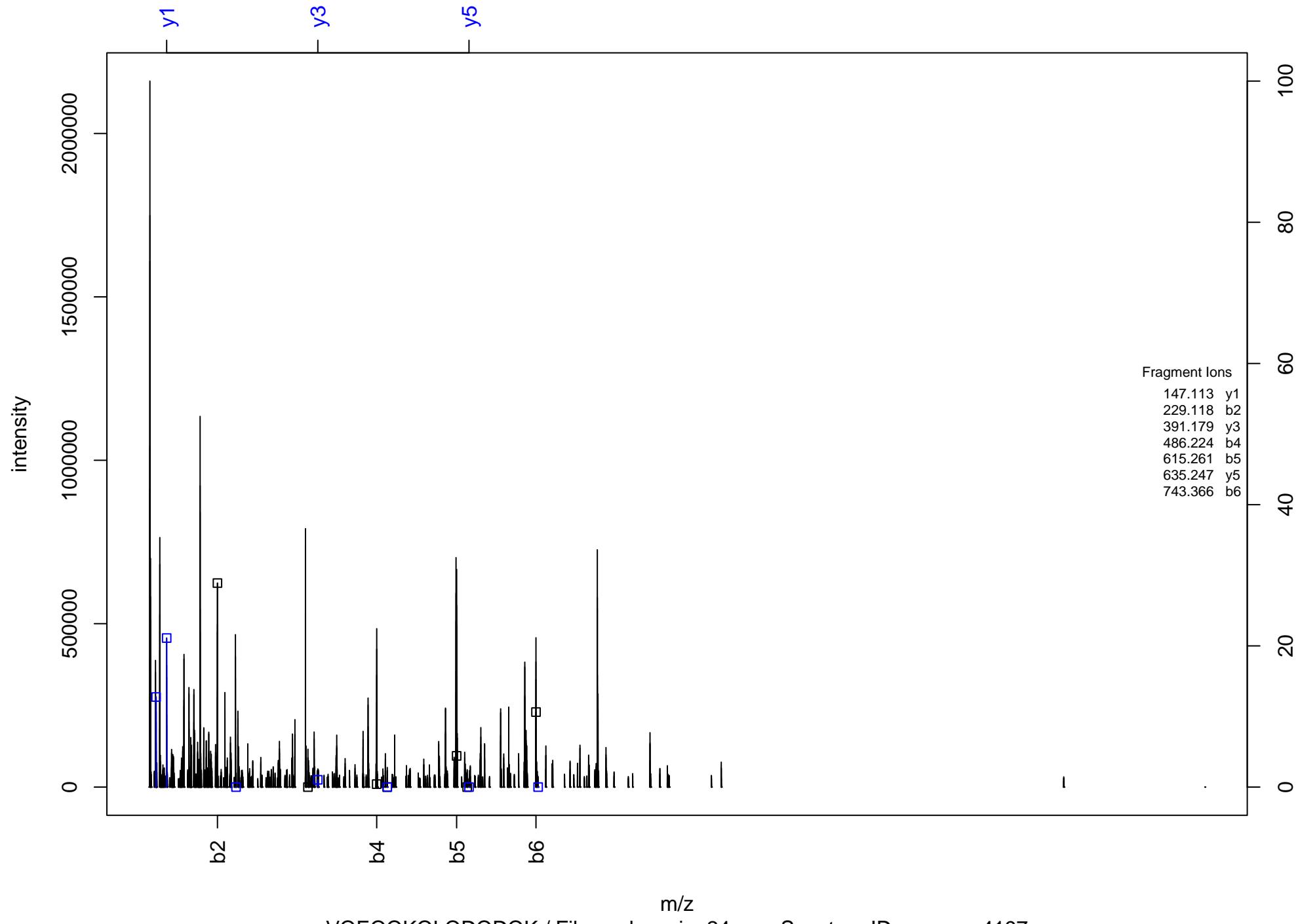


QQLEQLQRLMEEQEK / File: sydney_ip_24.raw; SpectrumID: ; scans: 1295

DEVVVQEDSR

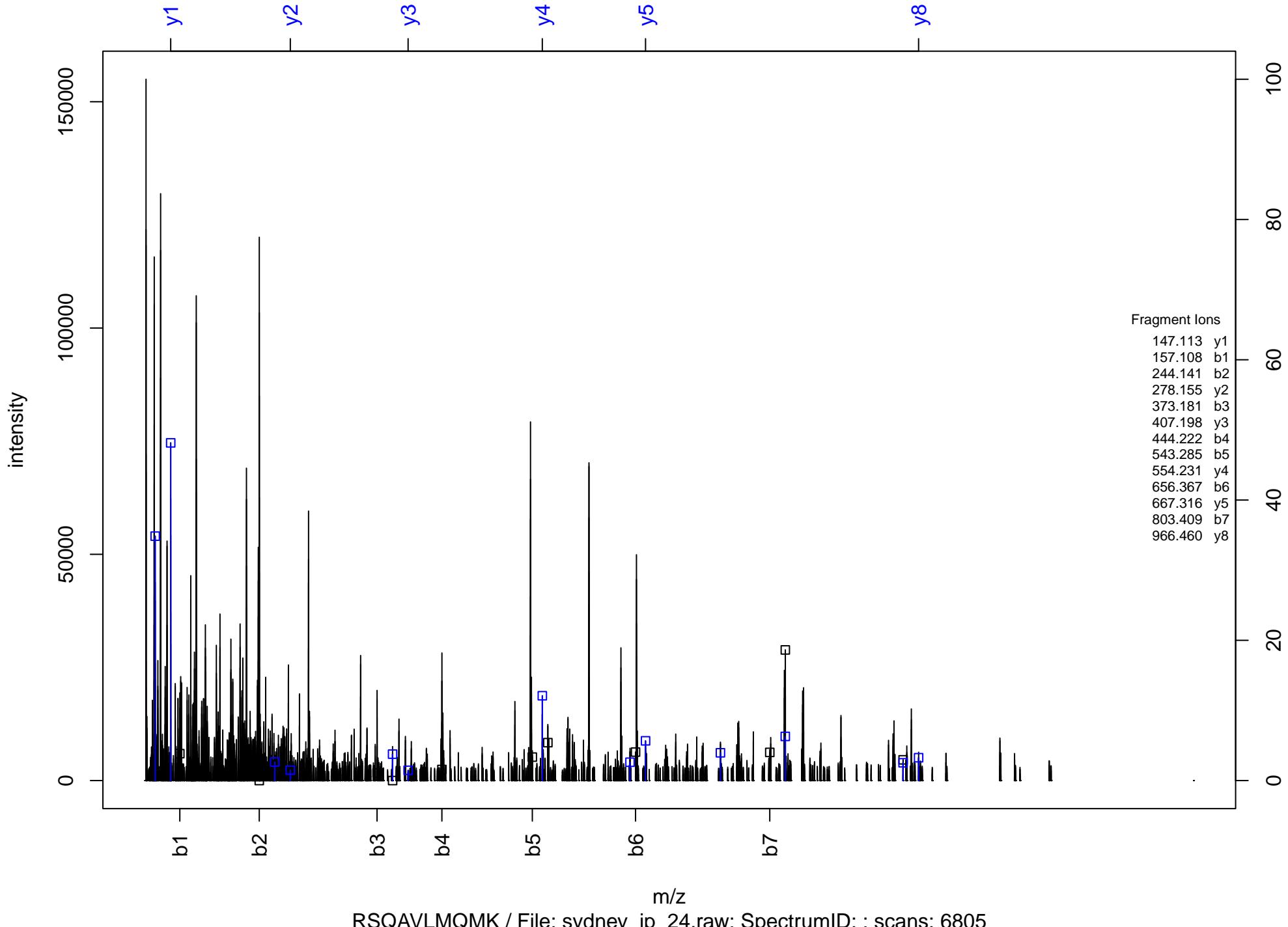


VQ[^]EQQ[^]KQLQDQ[^]DQ[^]K

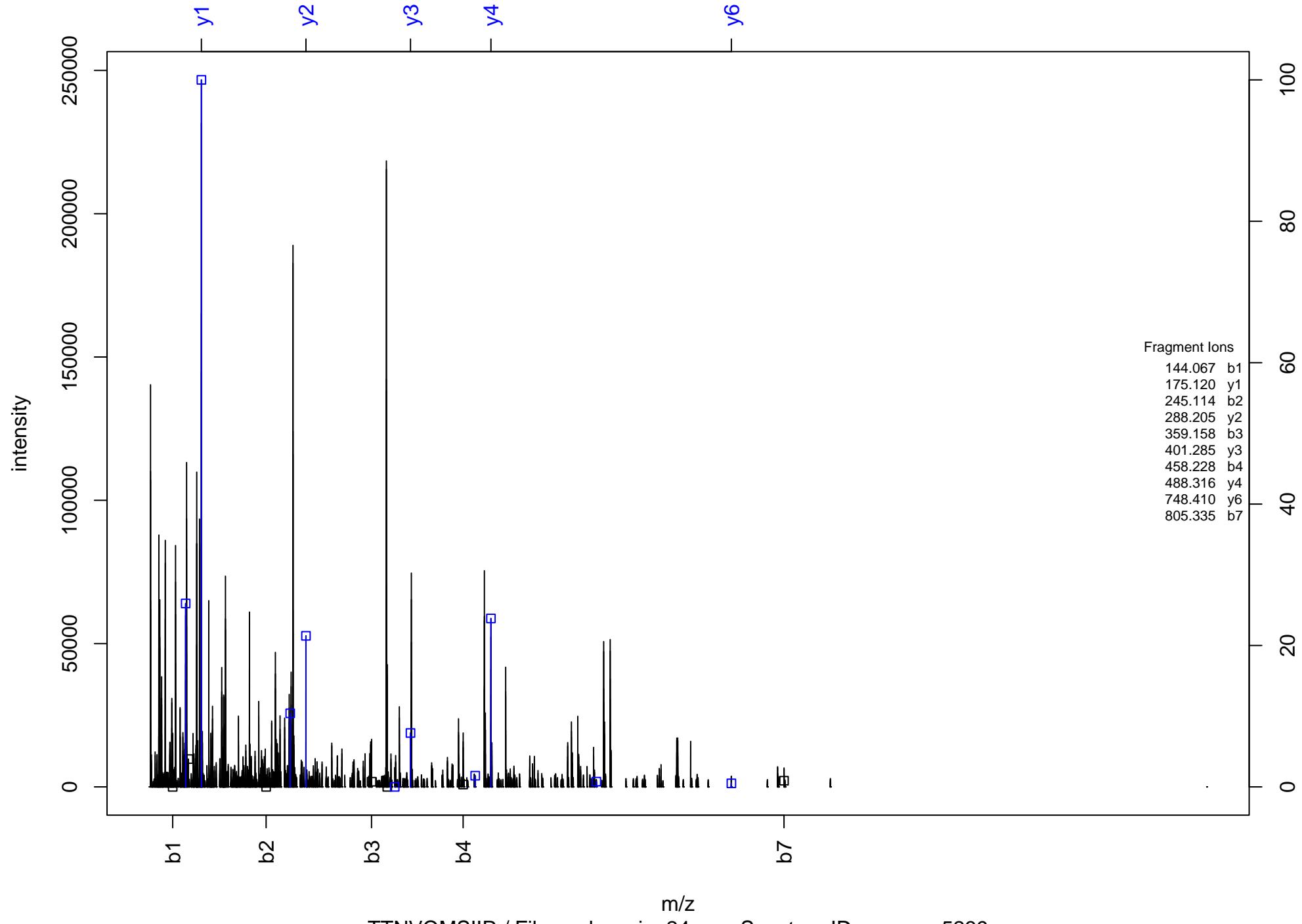


VQEQQKQLQDQDQK / File: sydney_ip_24.raw; SpectrumID: ; scans: 4197

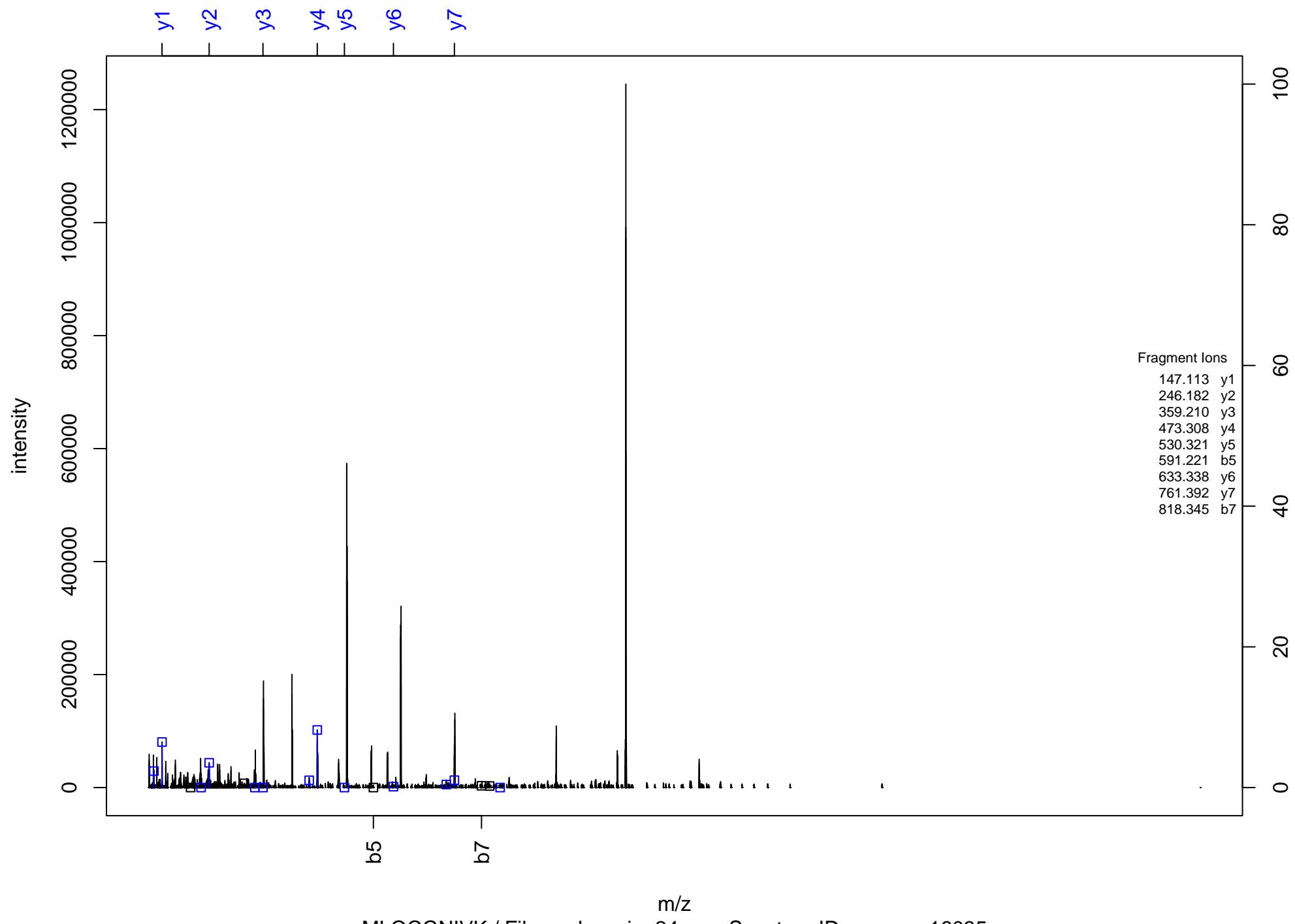
RSQ^AVLM^{*}Q^MK



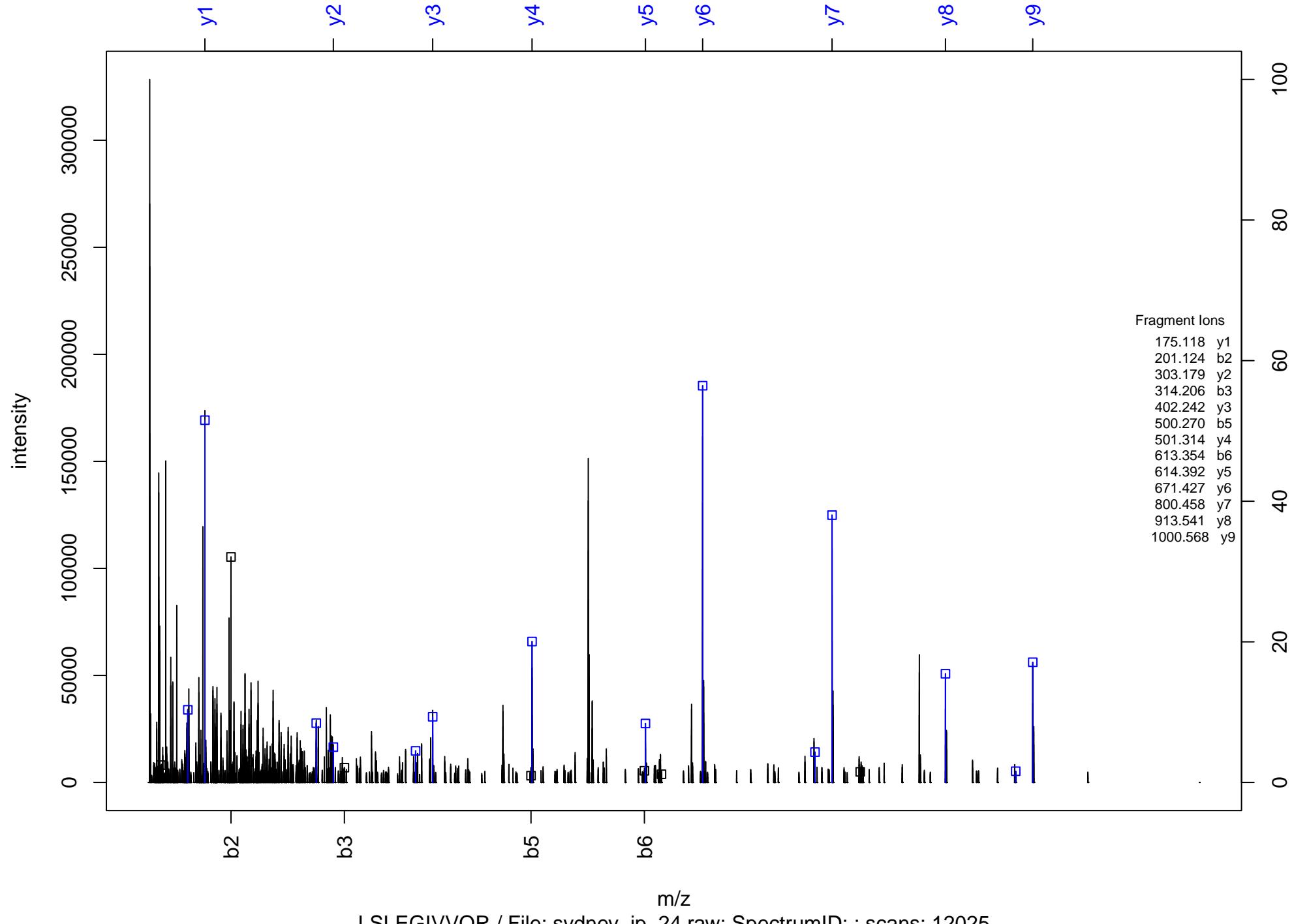
(Ac)TTNVQ^AMSIIR



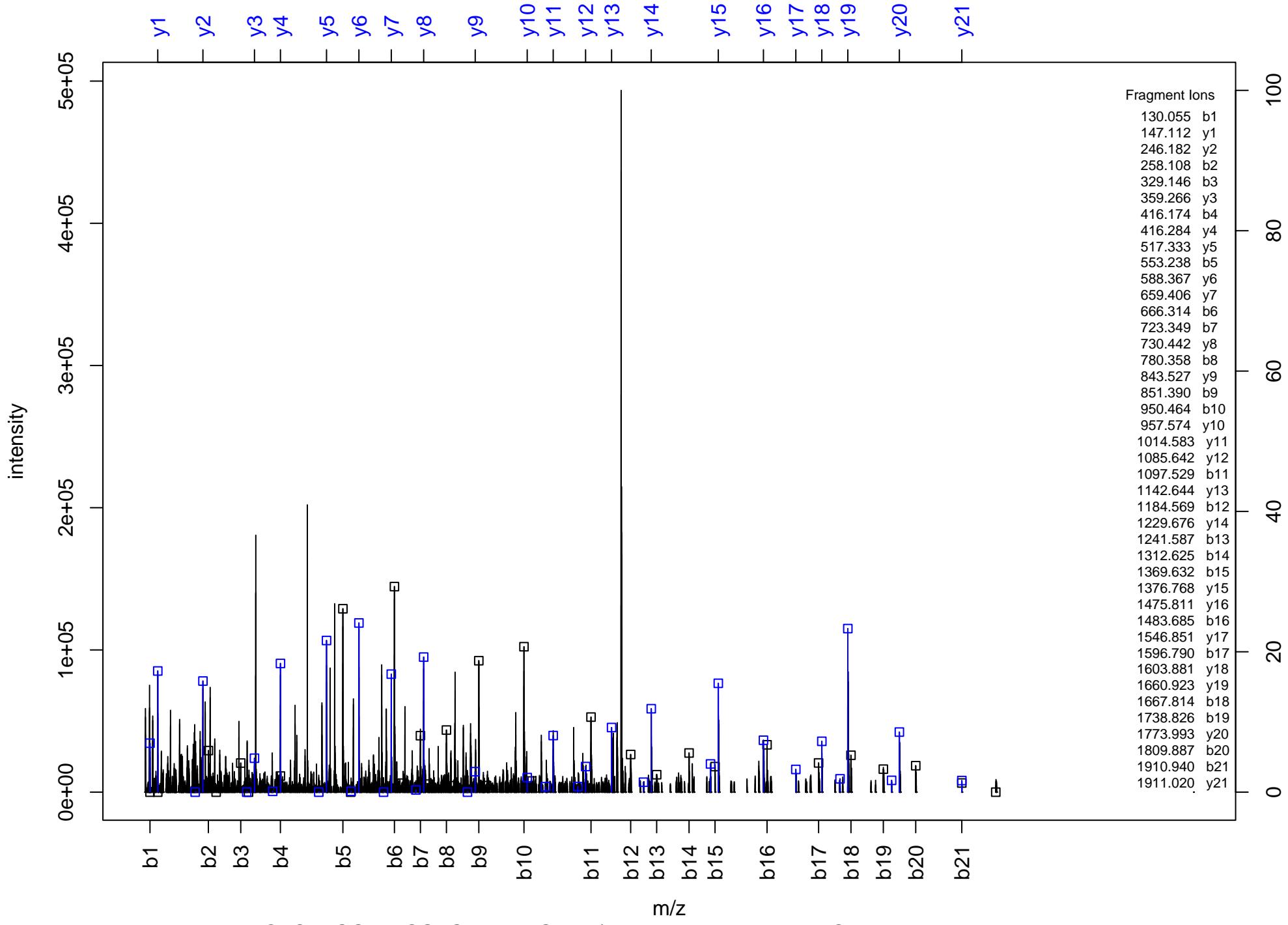
(Ac)M^{*}LQCGNIVK



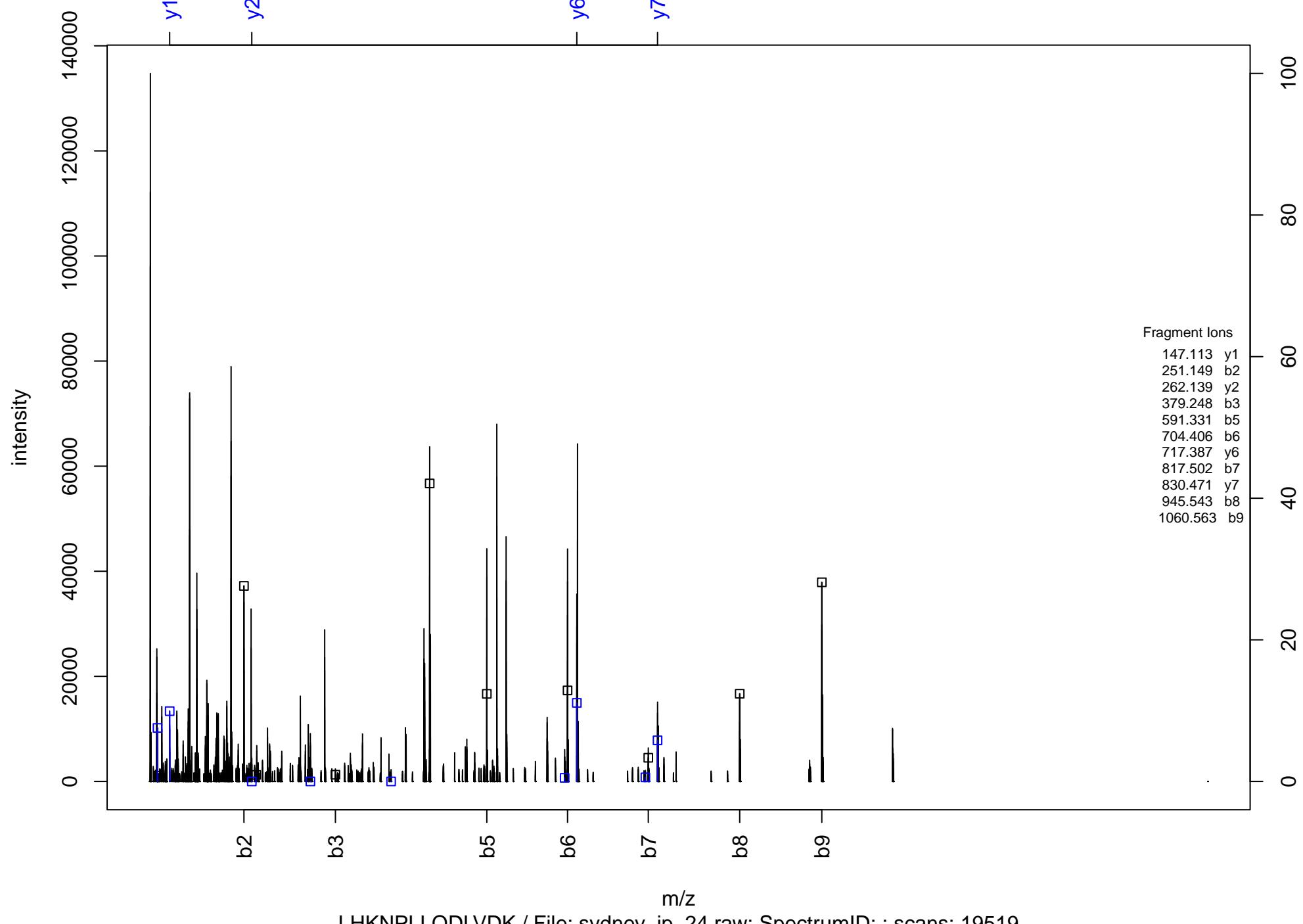
LSLEGIVVQR



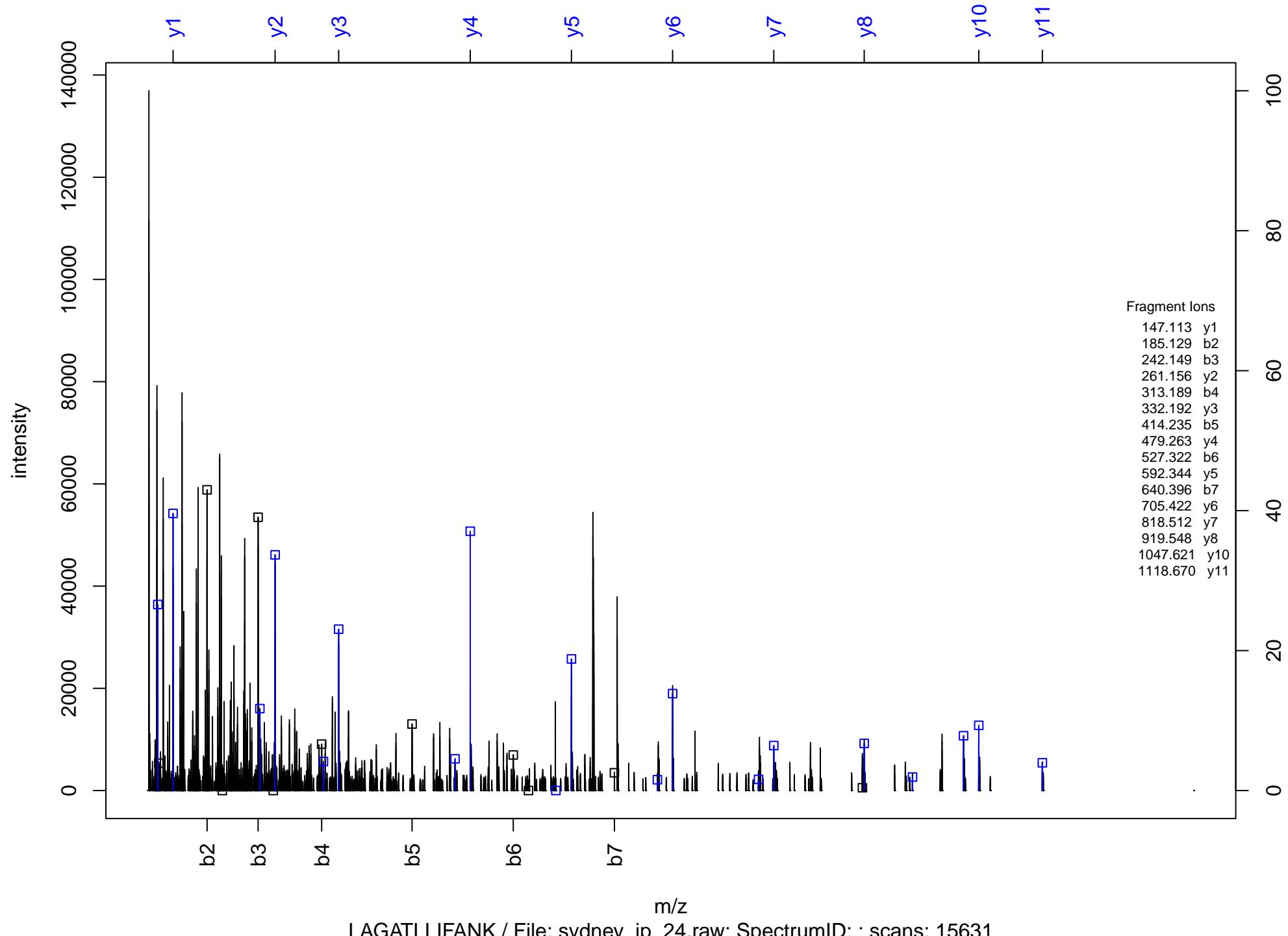
EQASHLGGAVFSGAGNIAATGLVK



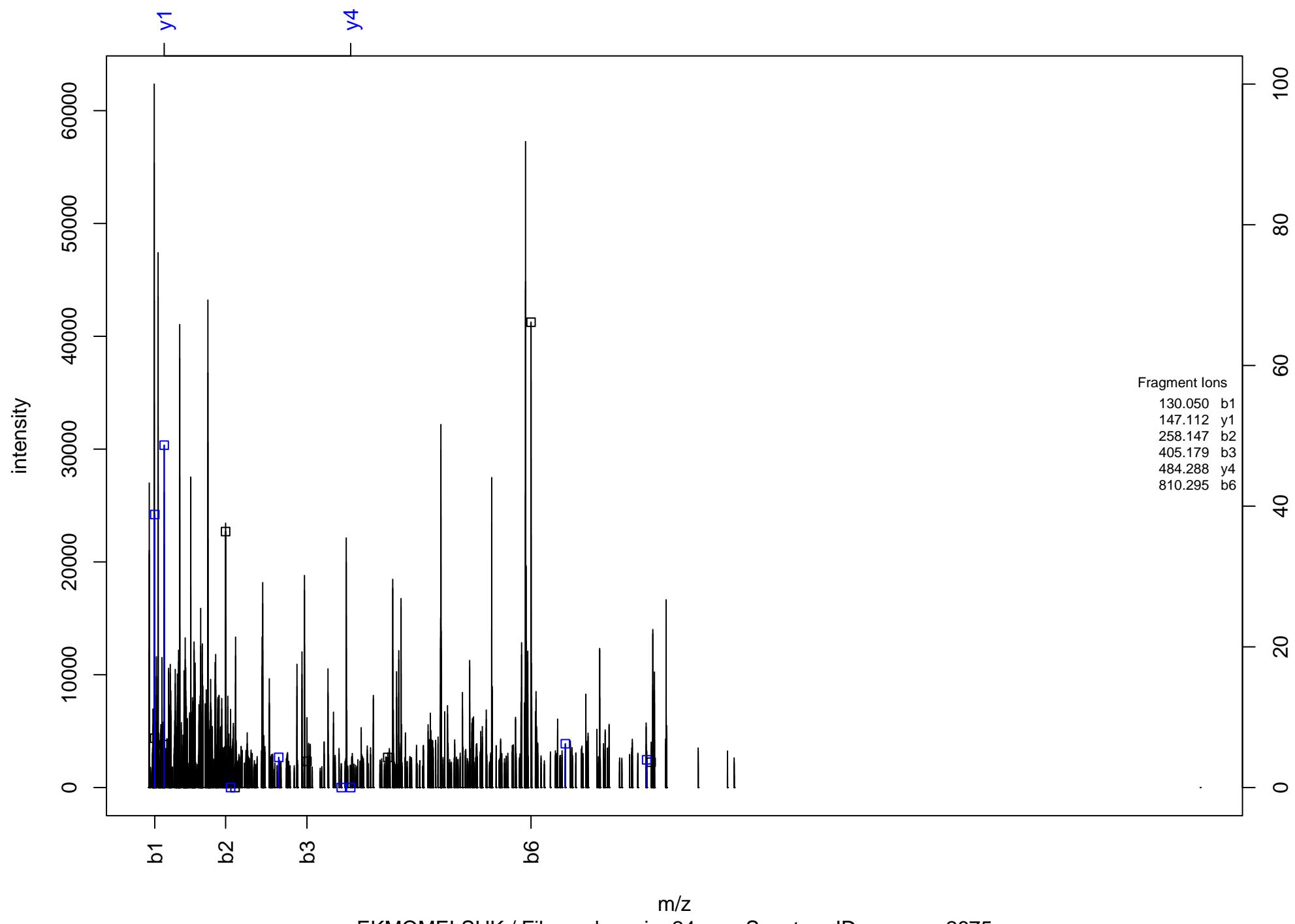
LHKN^APLLQDLVDK



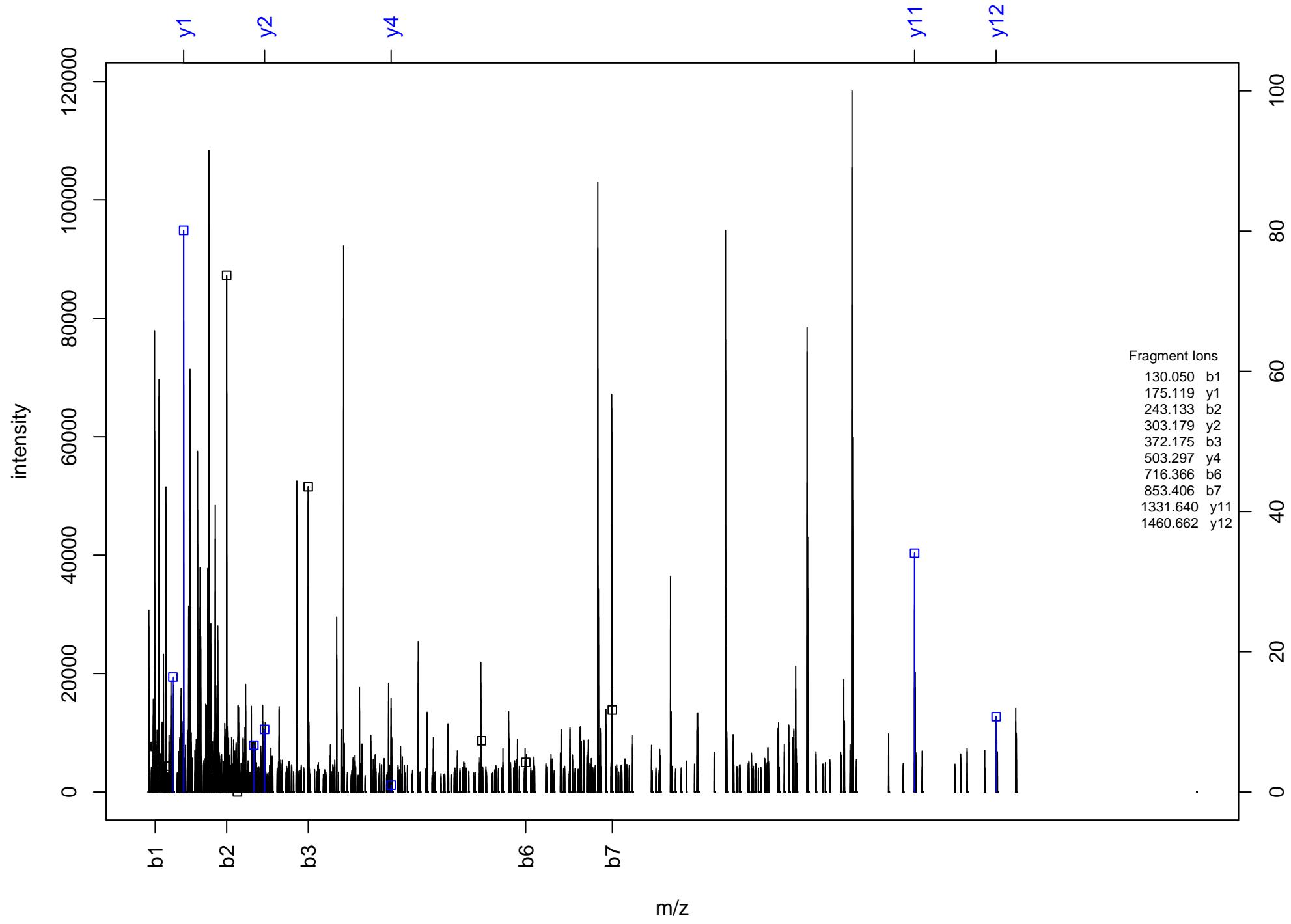
LAGATLLIFANK



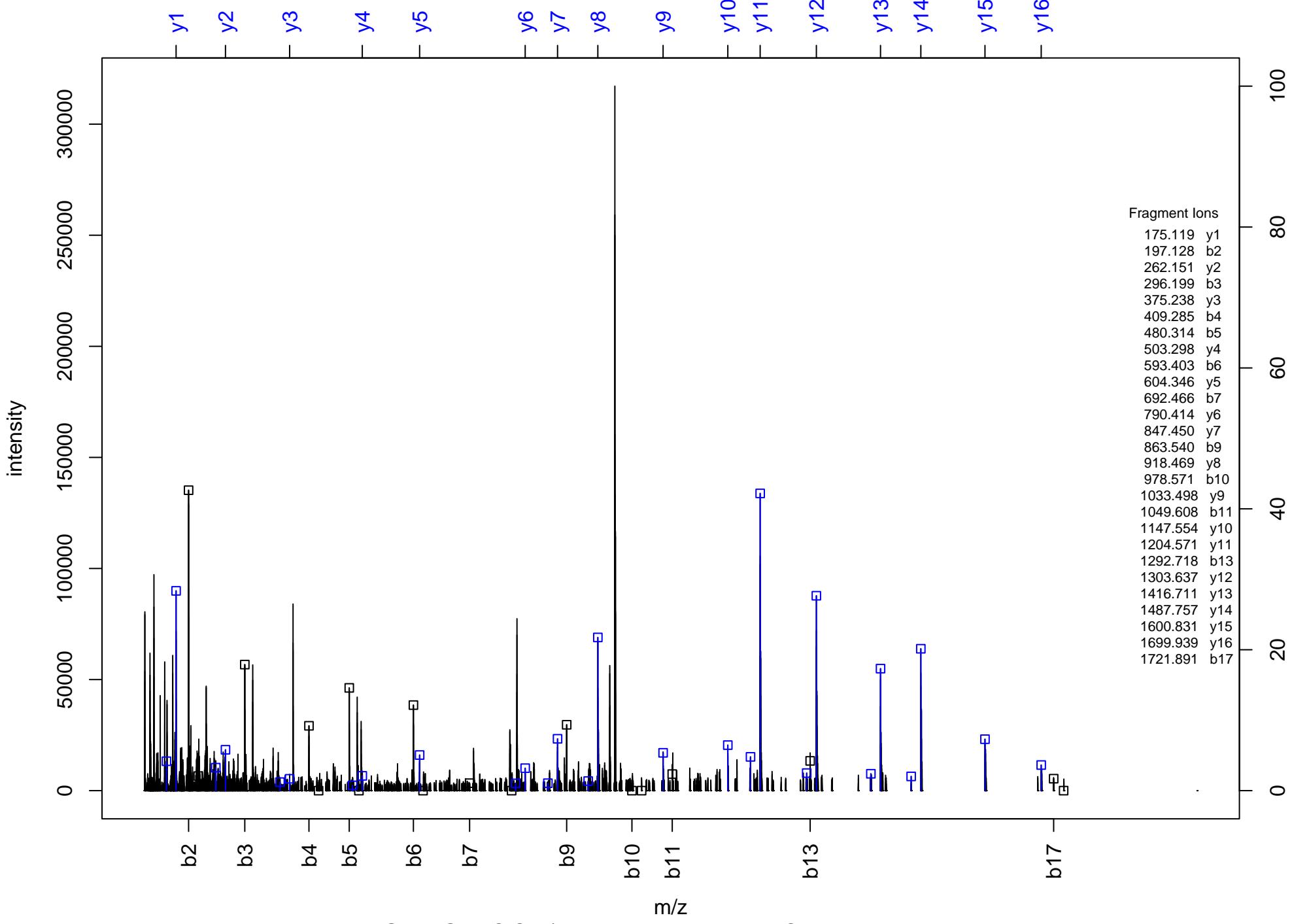
EKM^{*}Q[^]M^{*}ELSHK



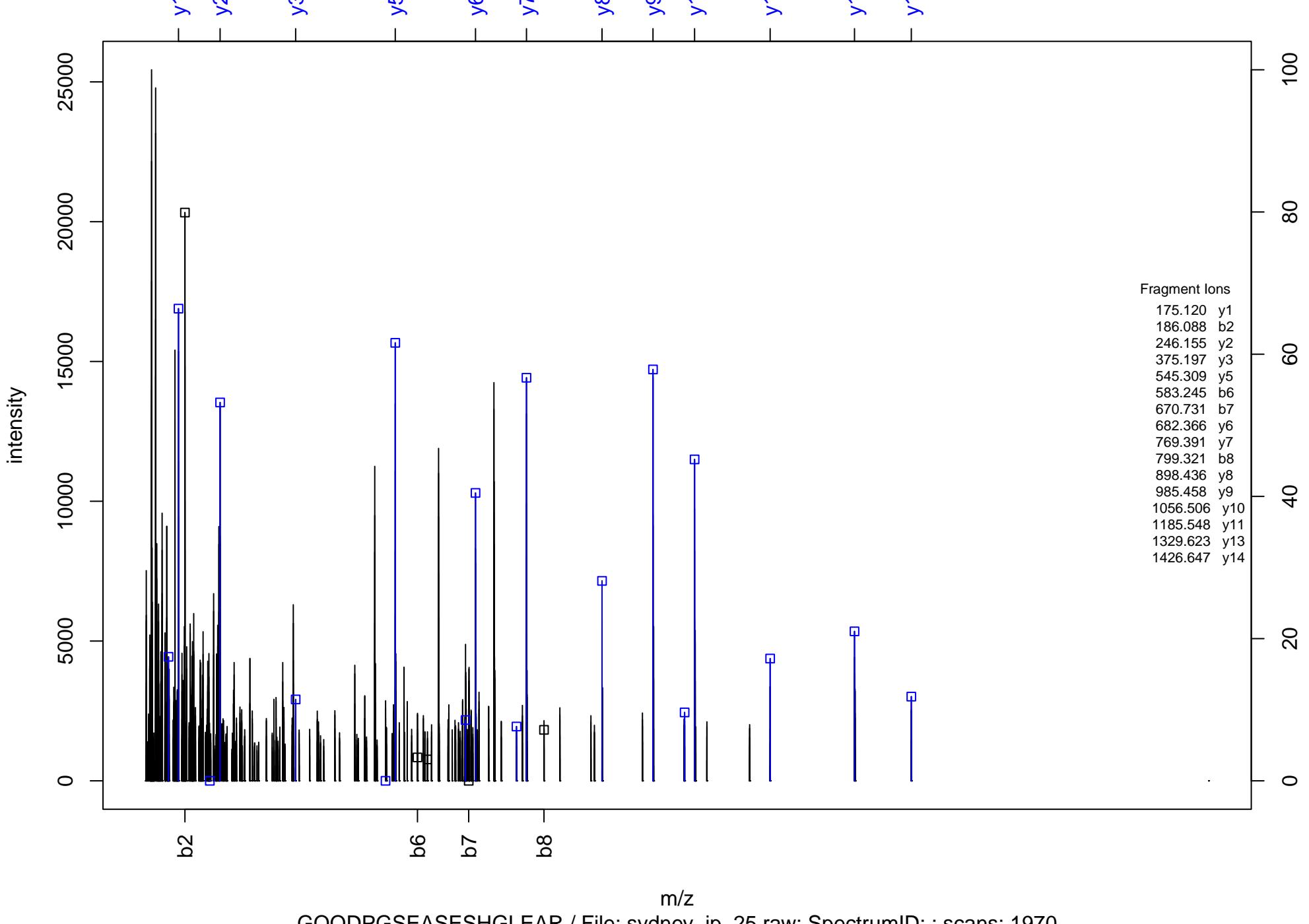
ELERTSHQ^LQ^EAQ^QQ^LESLQR



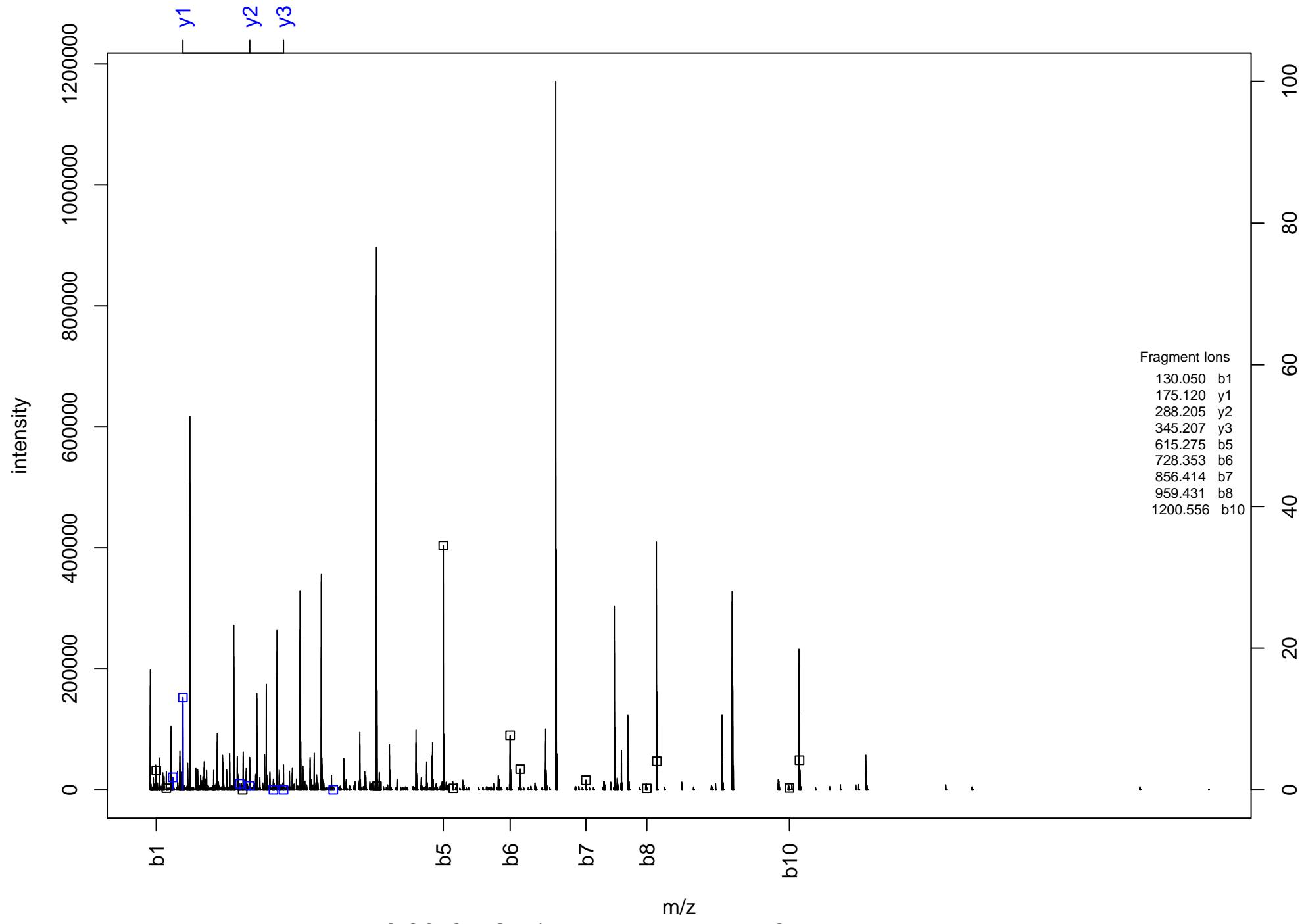
VPVIALVGNDAGWTQISR



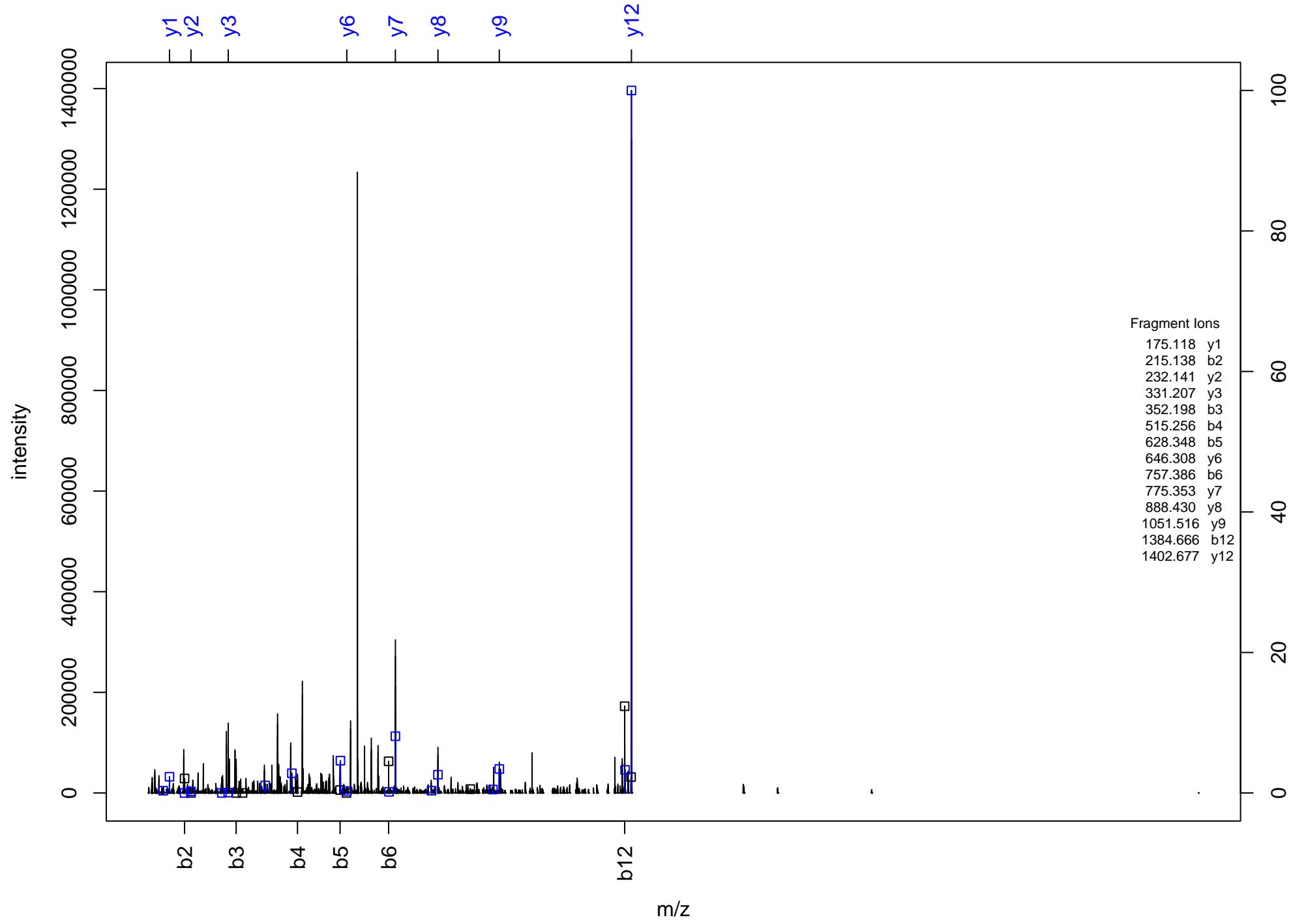
GQQDPGSEASESHGLEAR



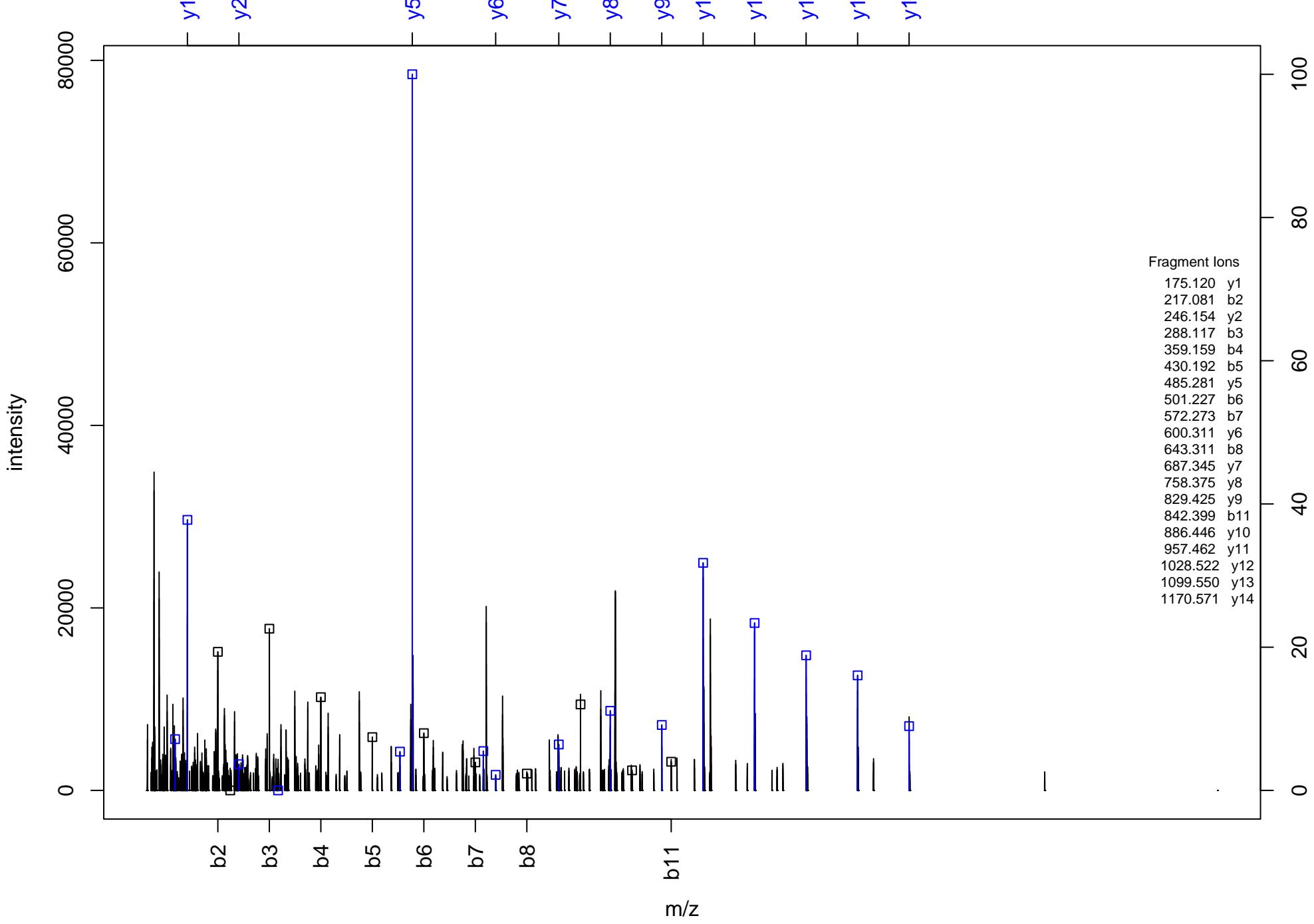
EEARQ^IQCLQKTGIR



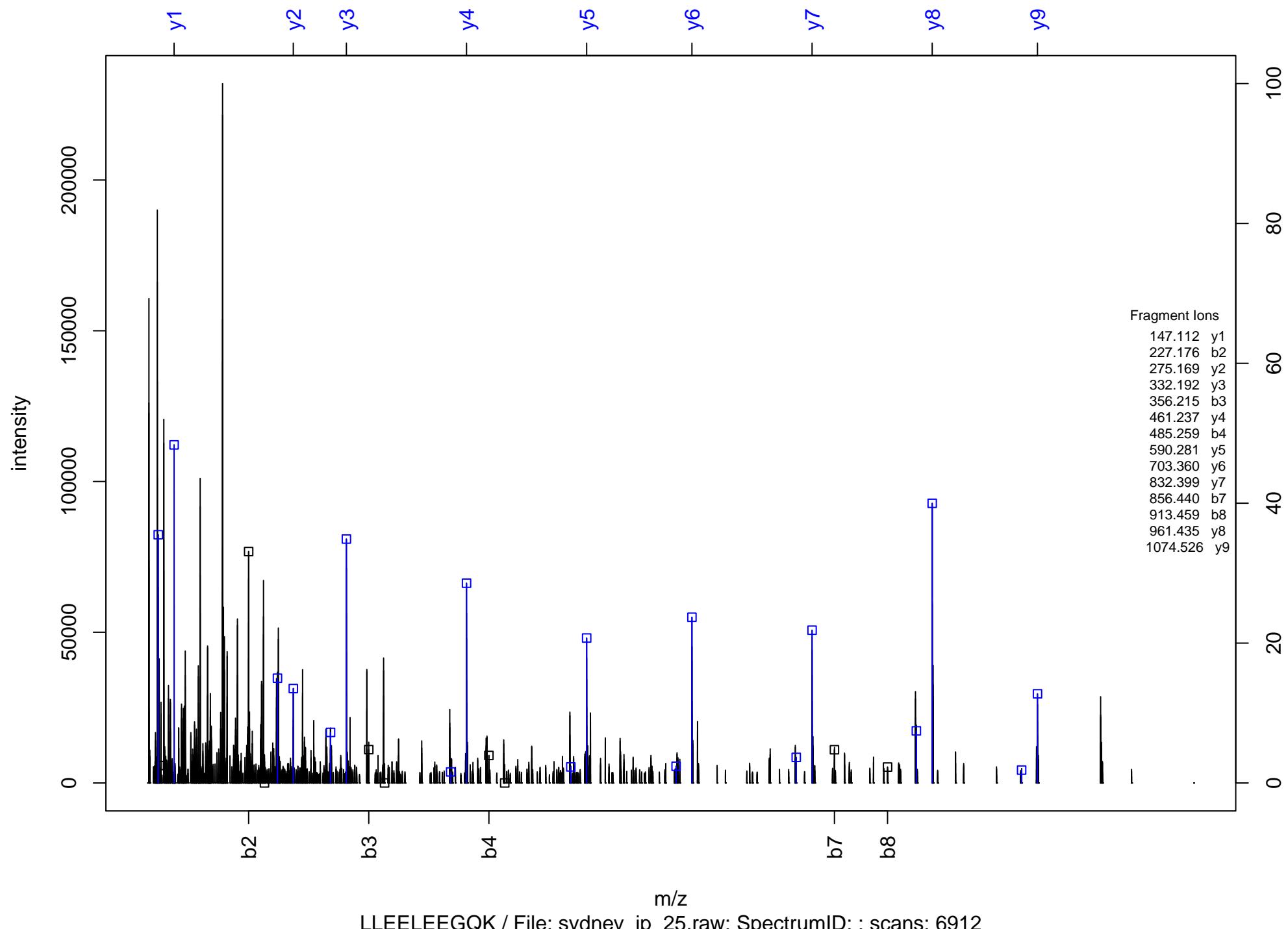
LTHYIEEAN^VGR



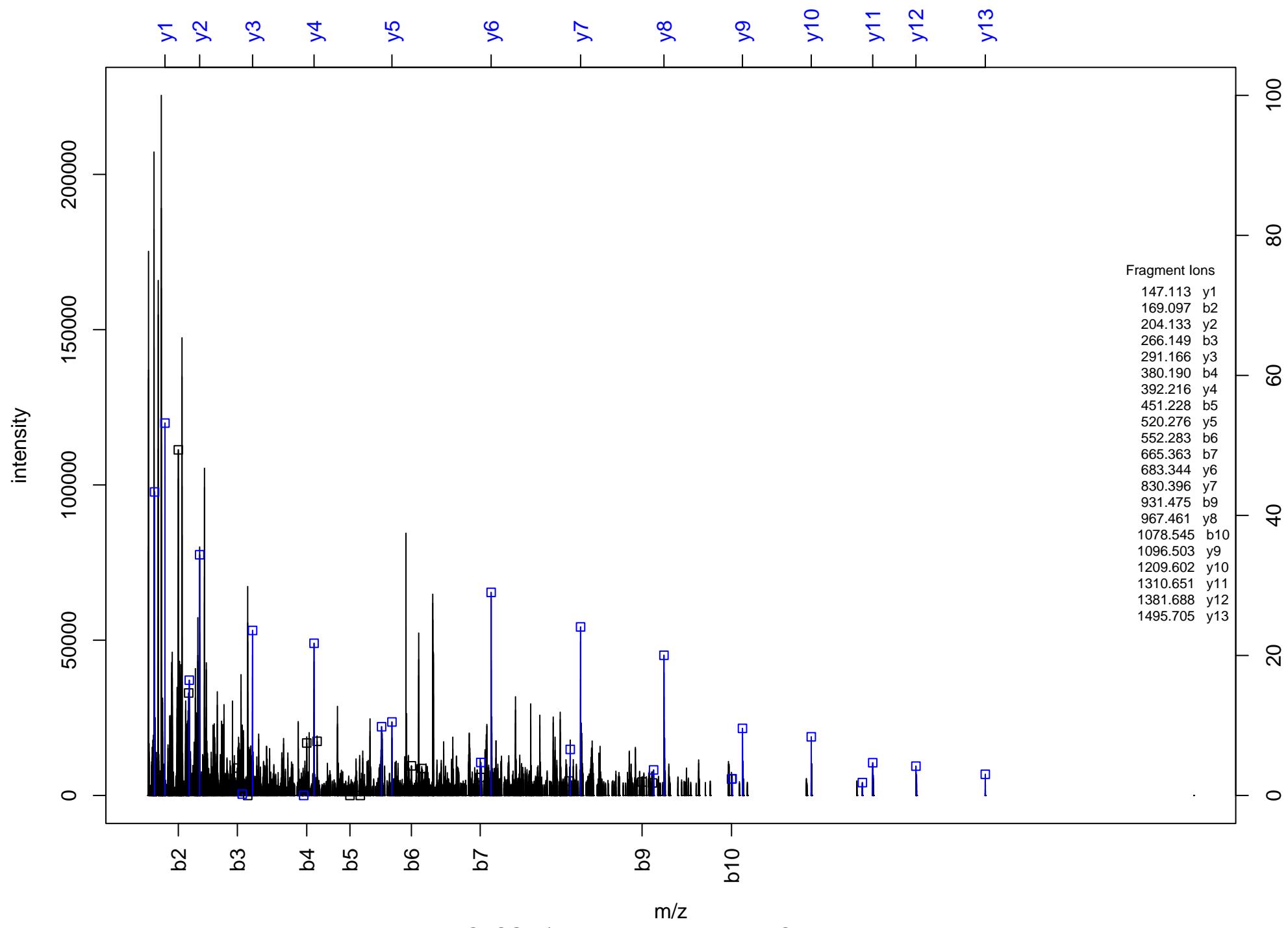
SEAAAAAAAGAASDPAAR



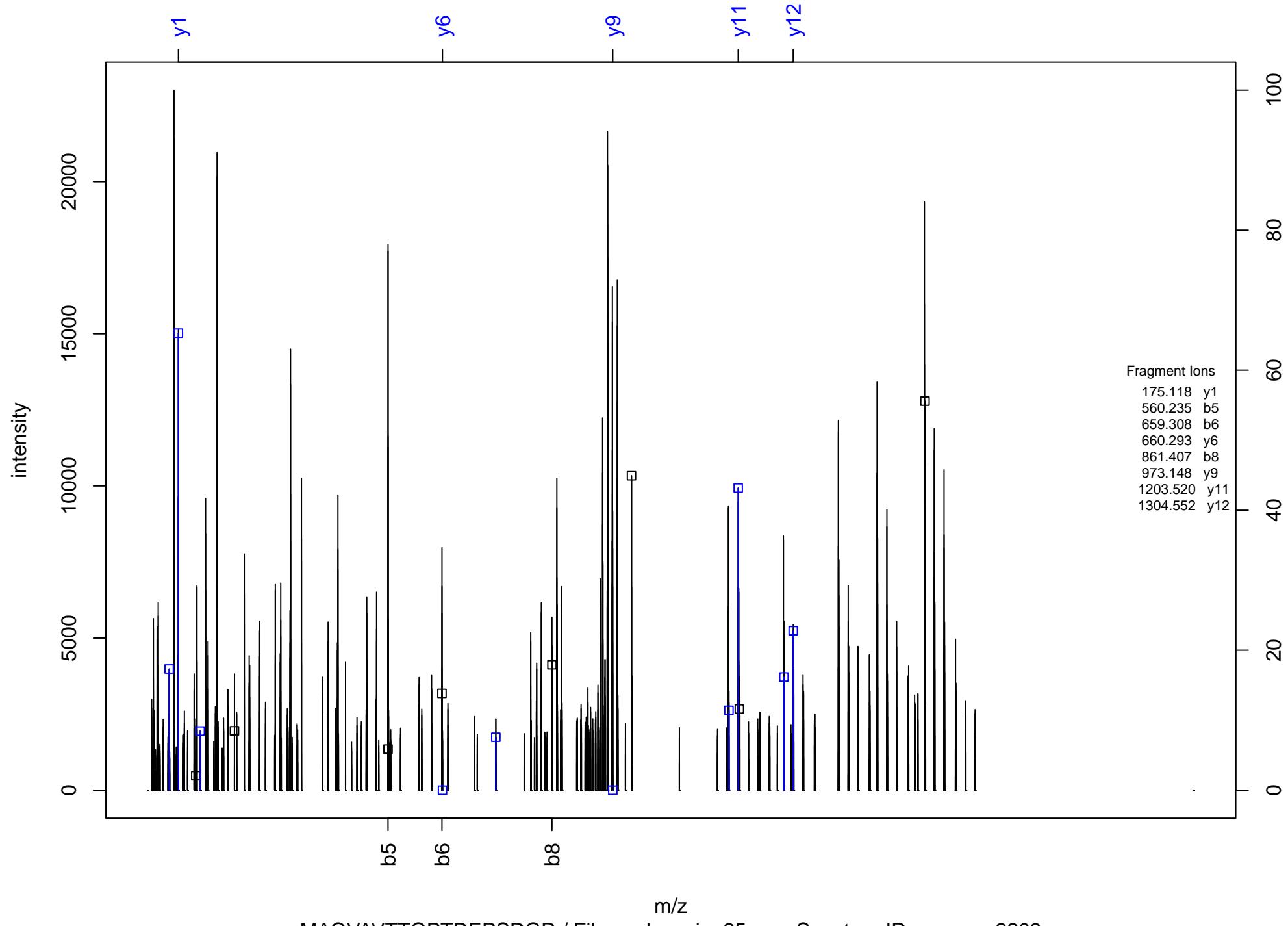
LLEELEEGQK



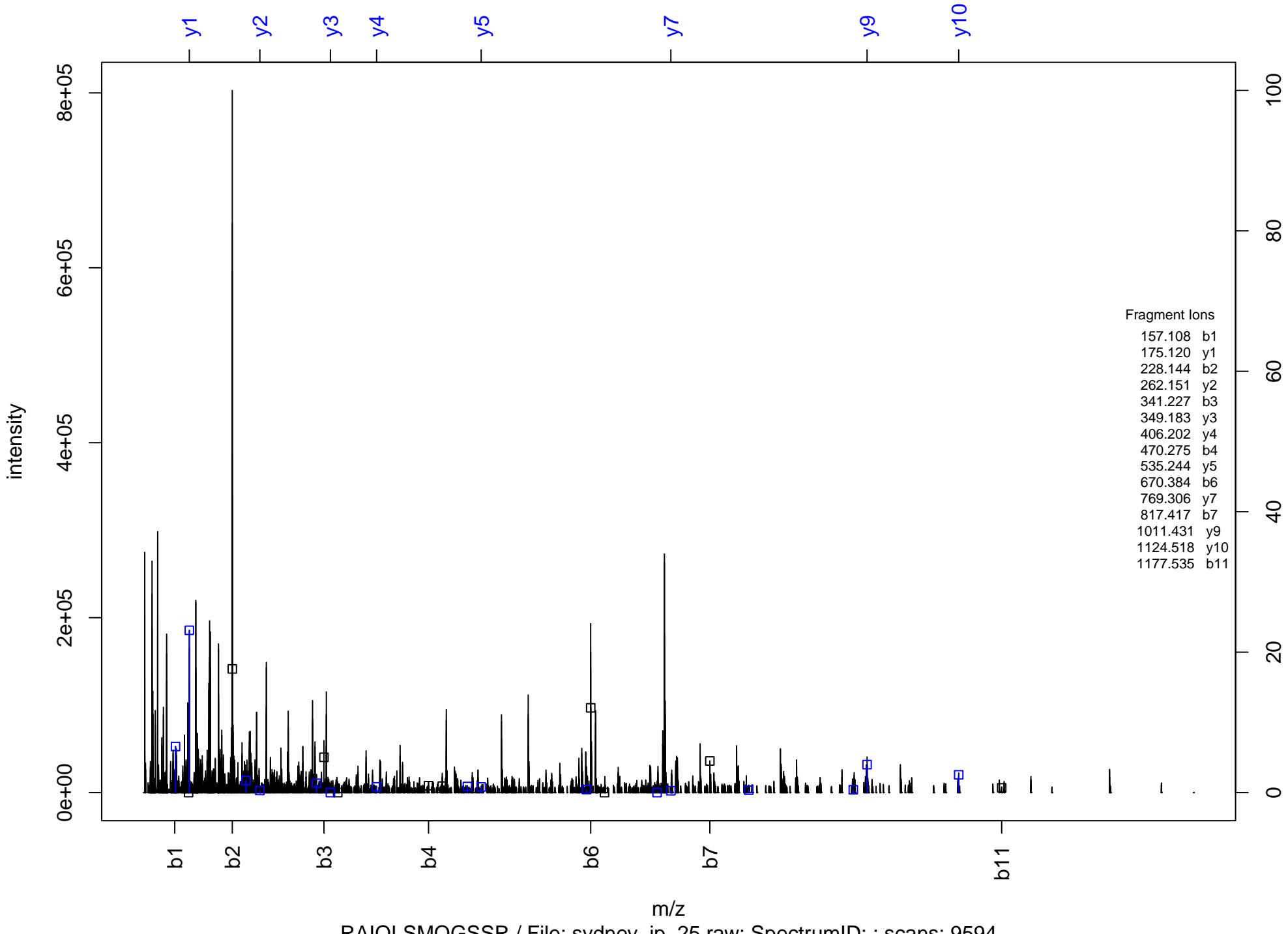
APPNATLEHFYQTSGK



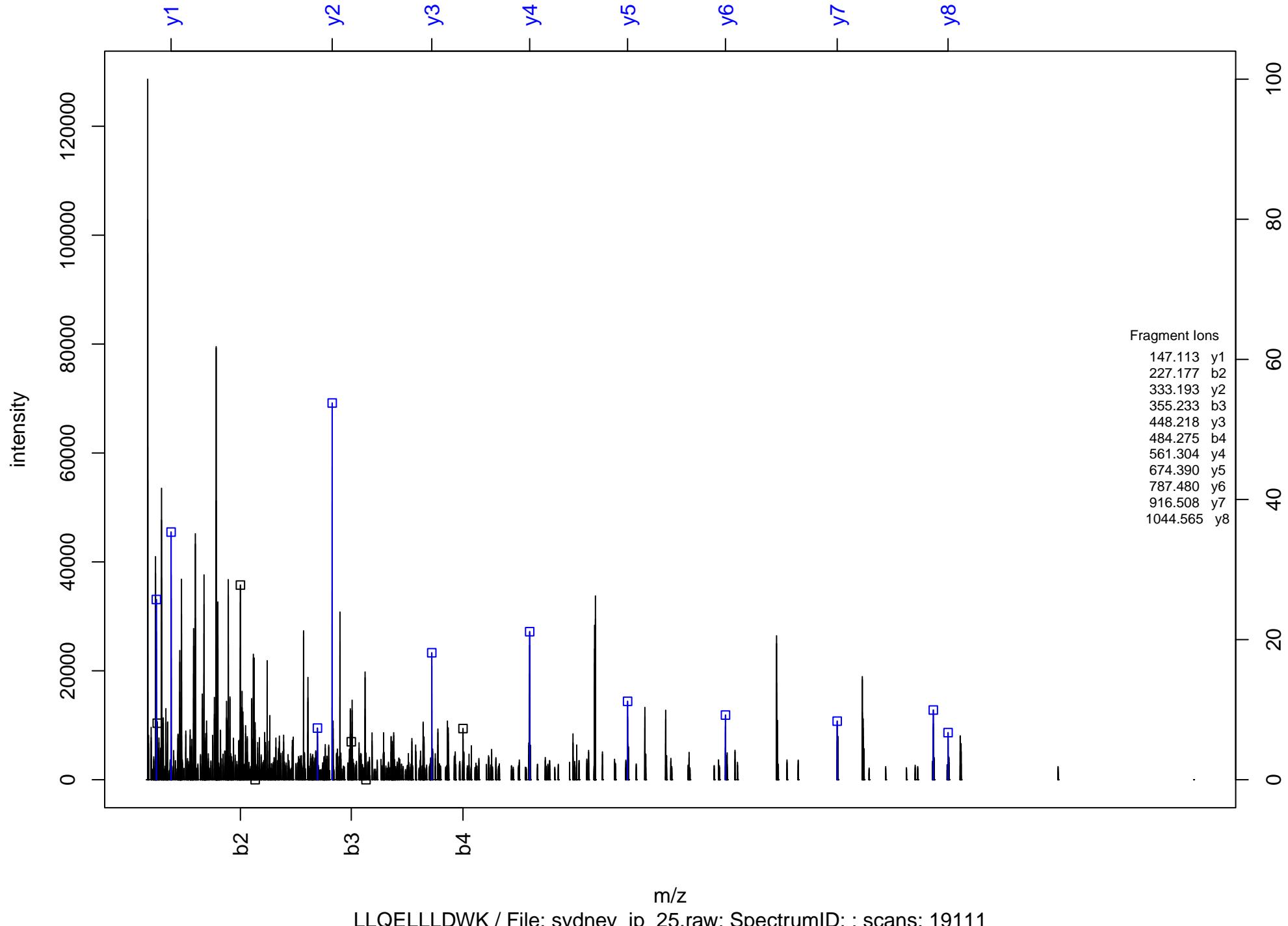
(Ac)M^{*}AQ⁺VAVTTQ⁺PTDEPSDGR



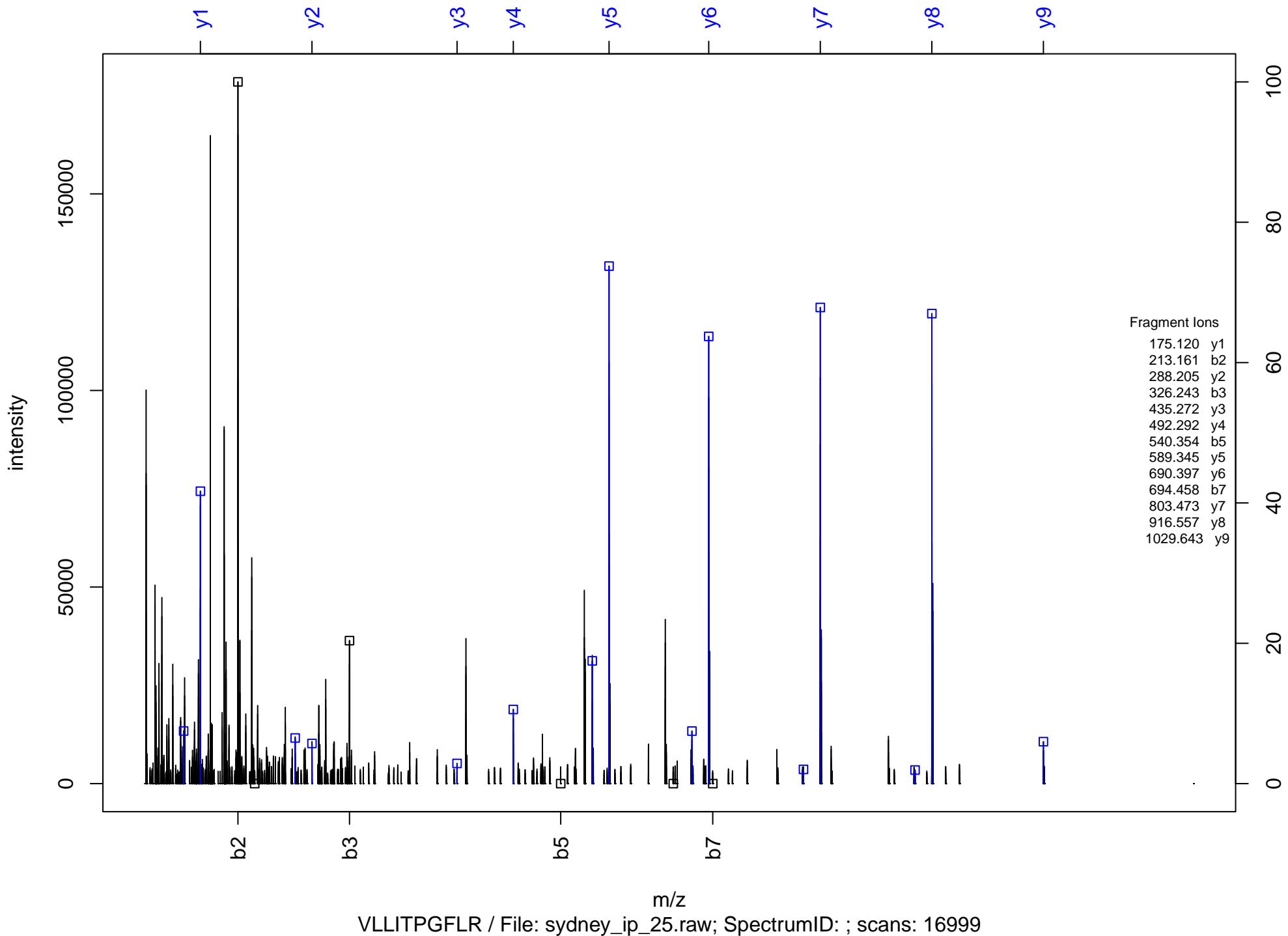
RAIQ^LSM^*Q^GSSR



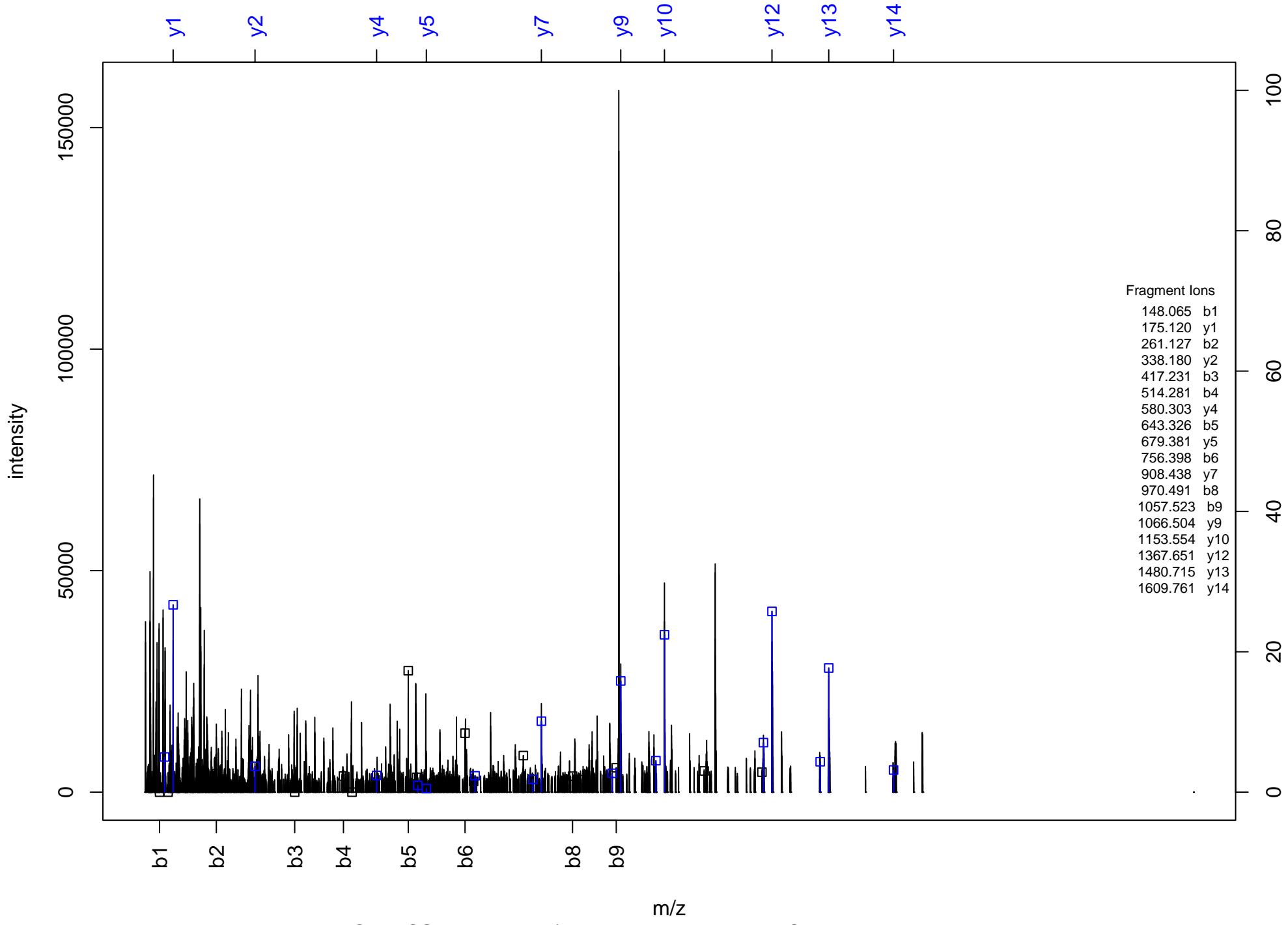
LLQELLLDWK



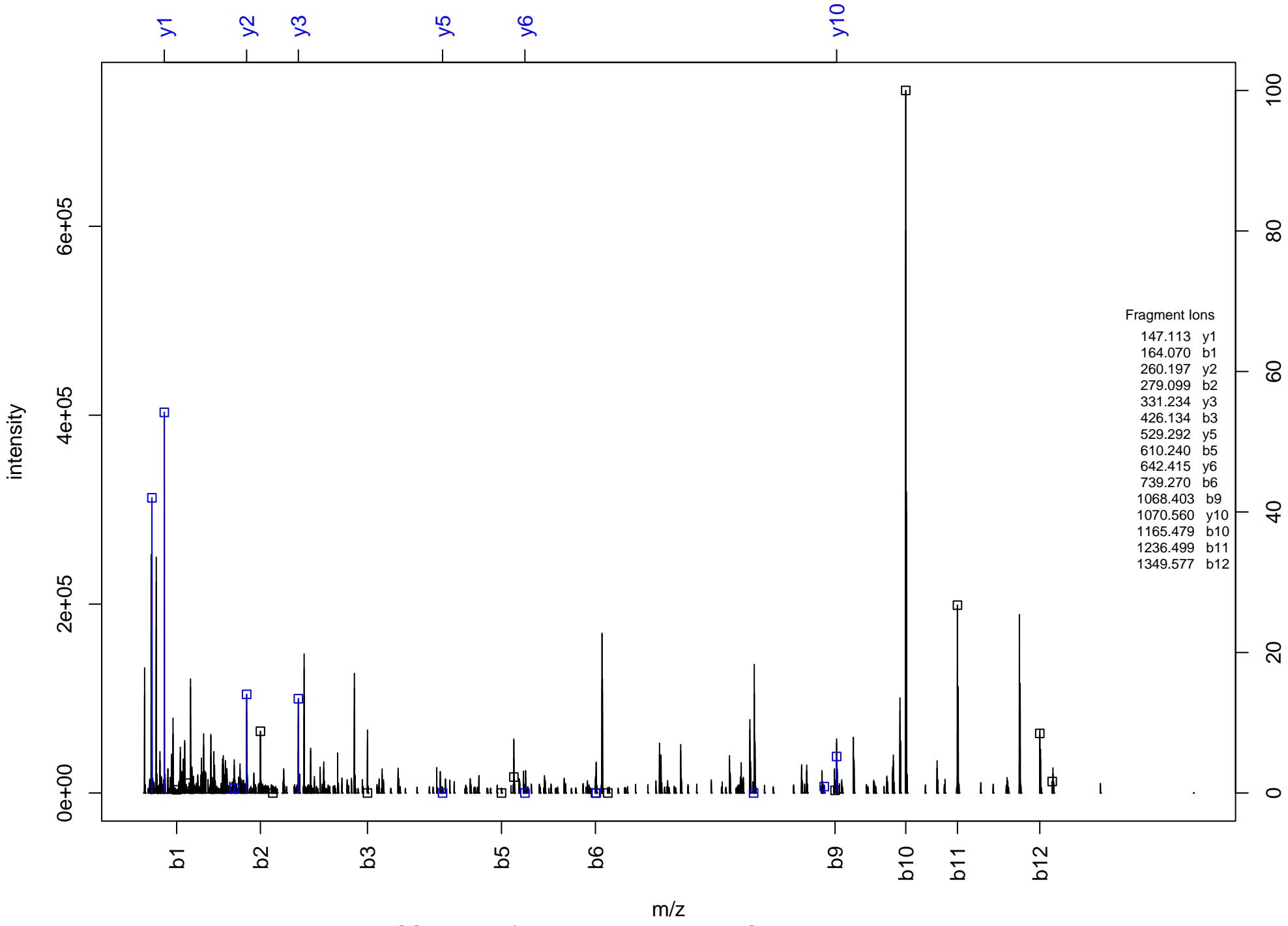
VLLITPGFLR



M*LRPQ^LVN^SSADNVLEYR

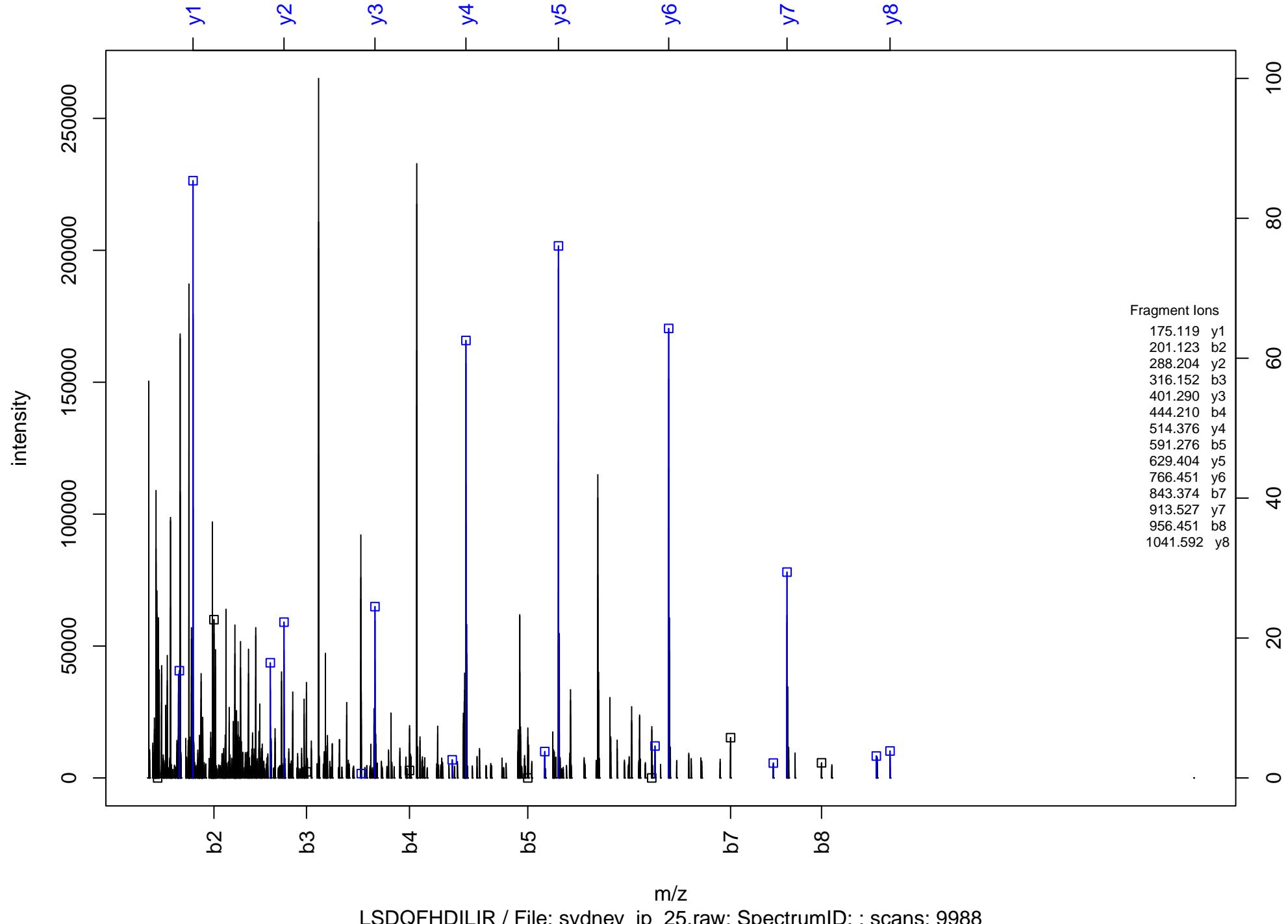


YN^AM^{*}PSQ^AN^AITPAIK

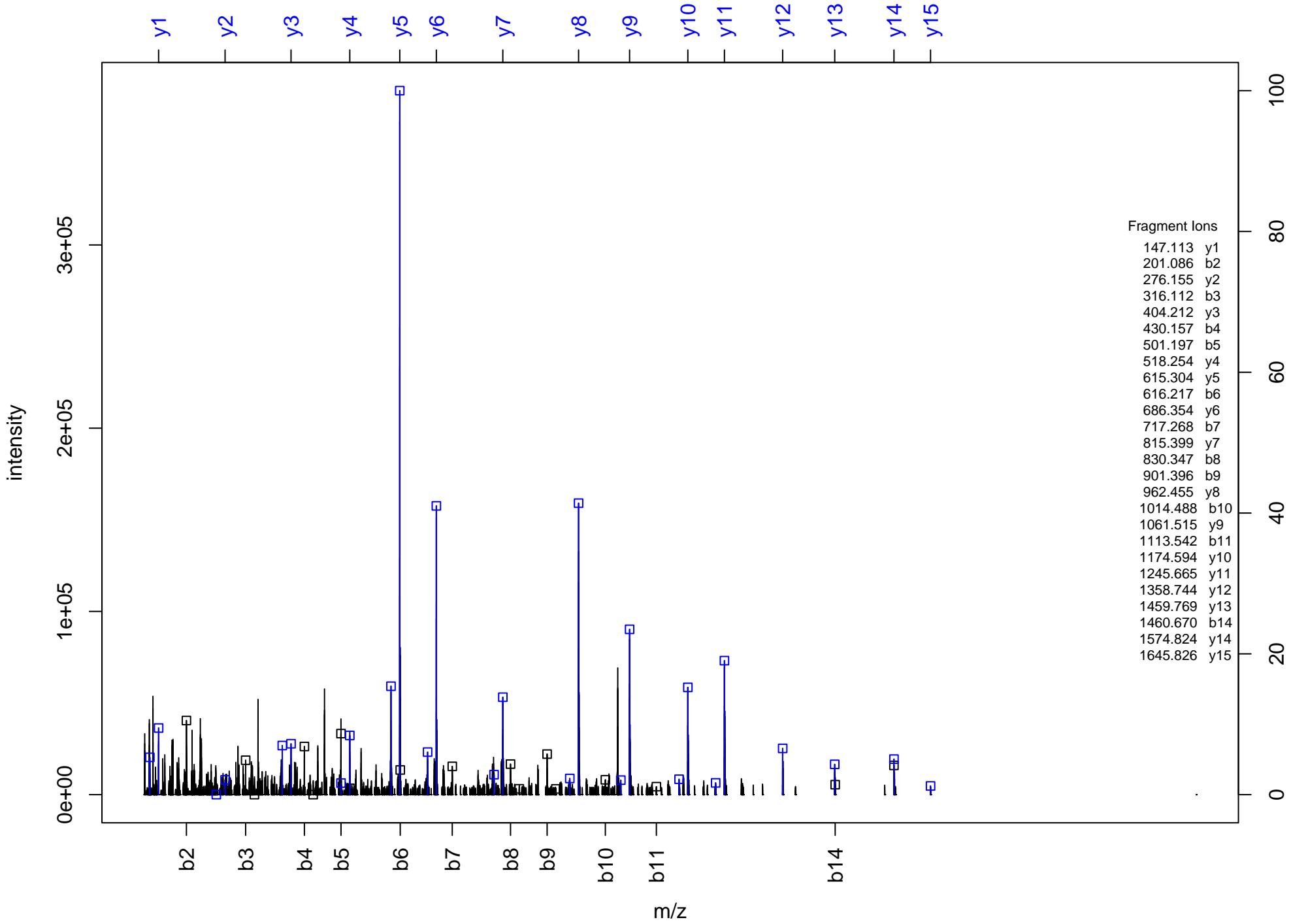


YNMPSQNITPAIK / File: sydney_ip_25.raw; SpectrumID: ; scans: 15044

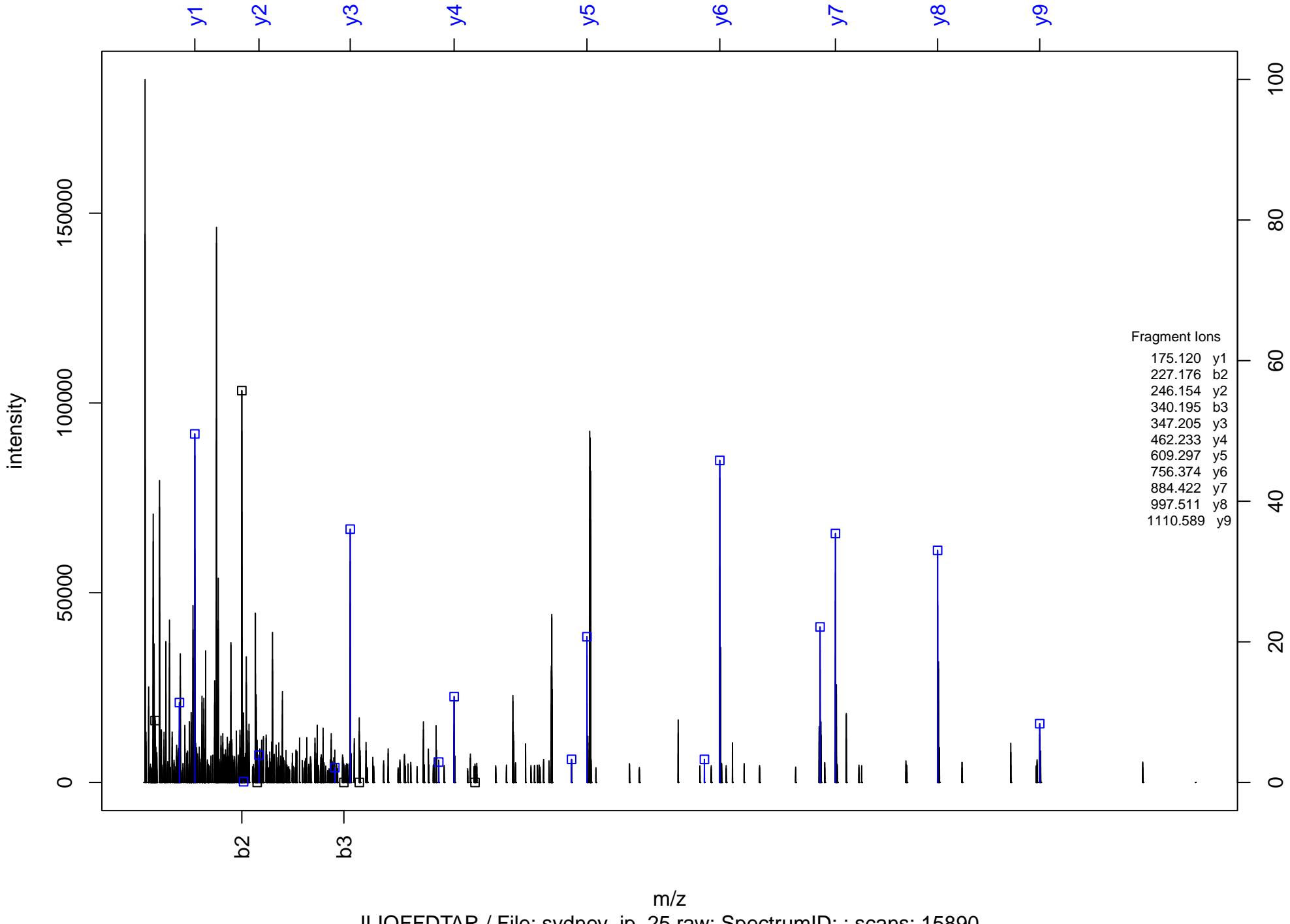
LSDQFHDILIR



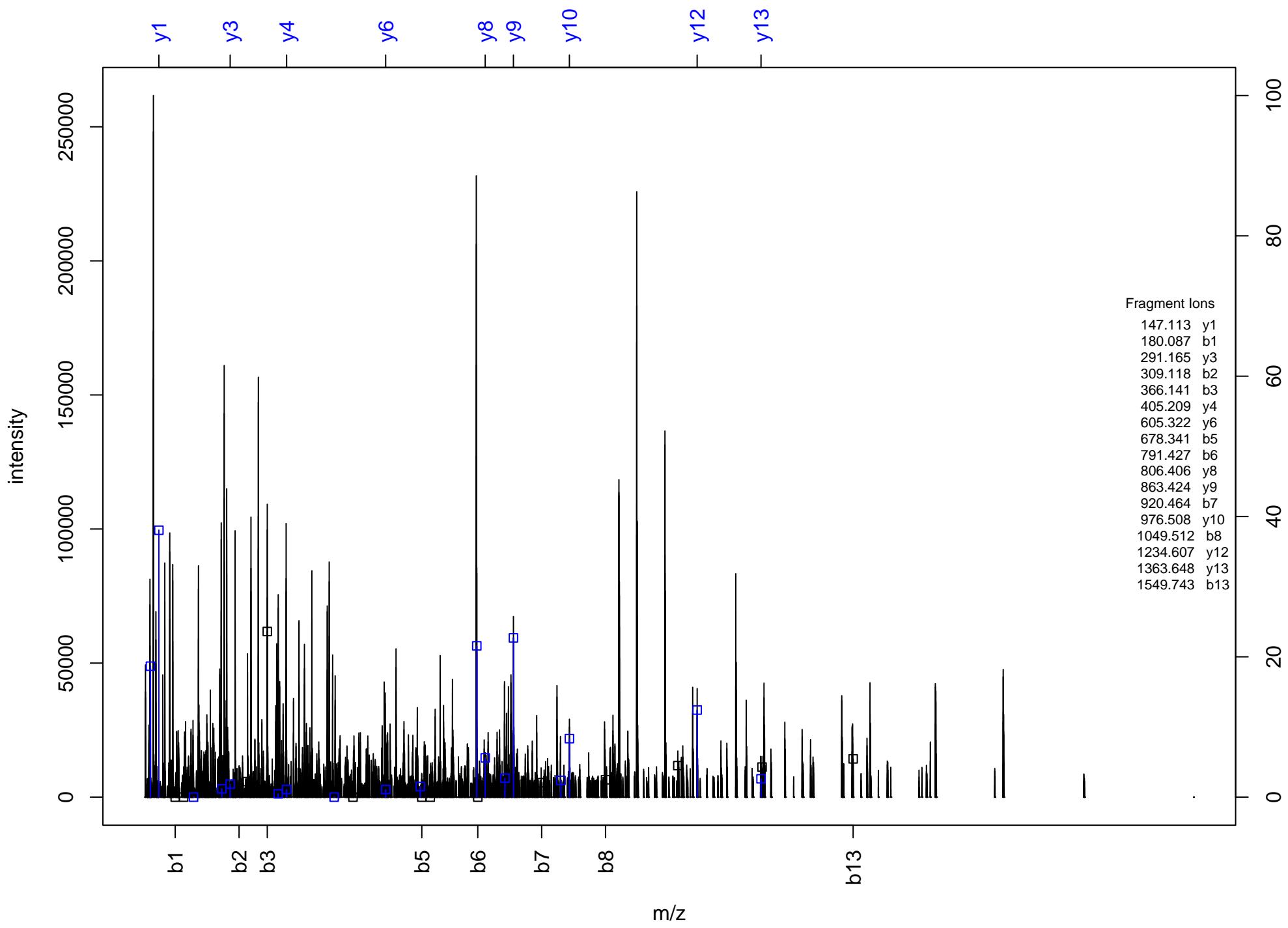
AEDNADTLALVFEAPNQEK



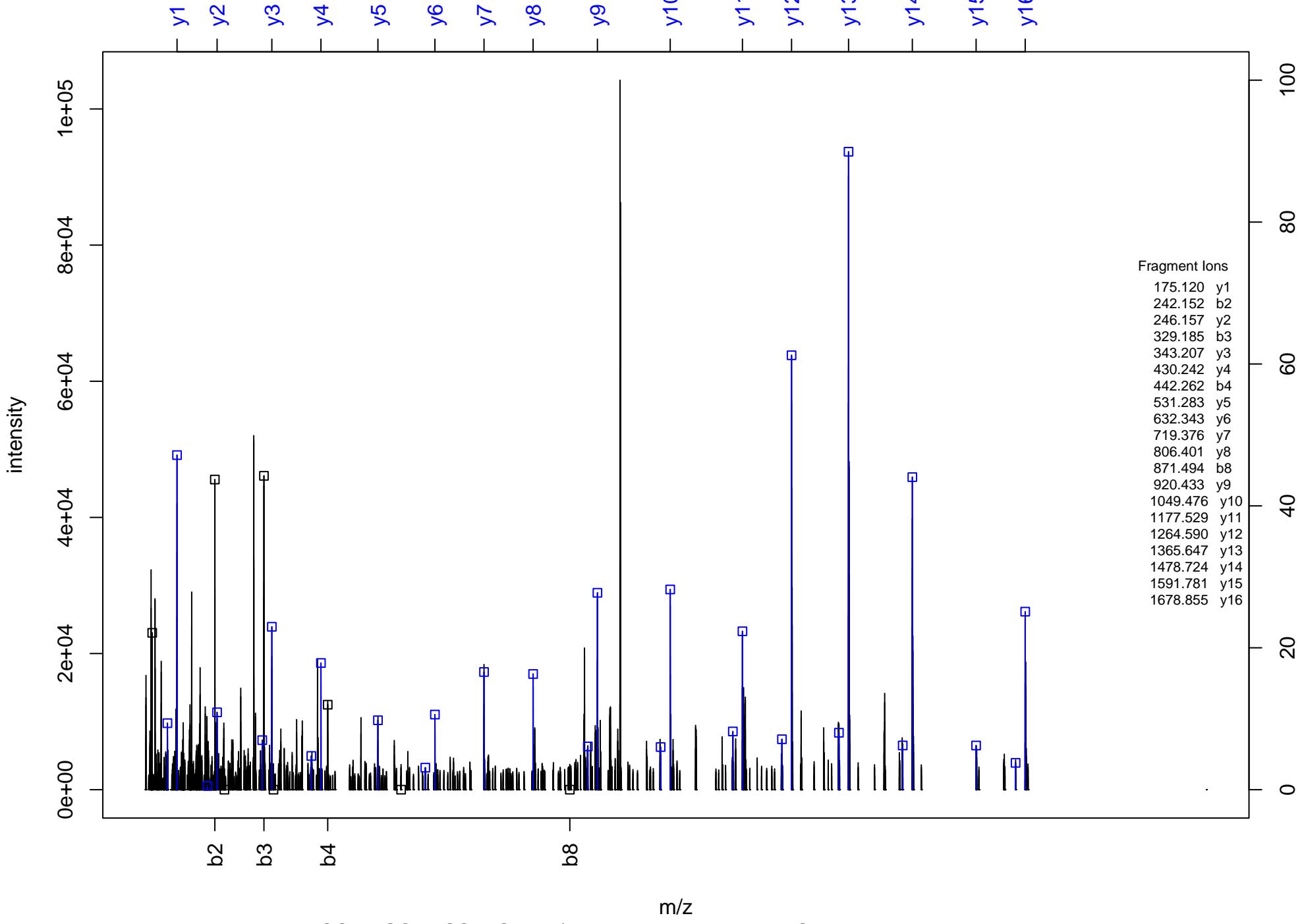
ILIQFFDTAR



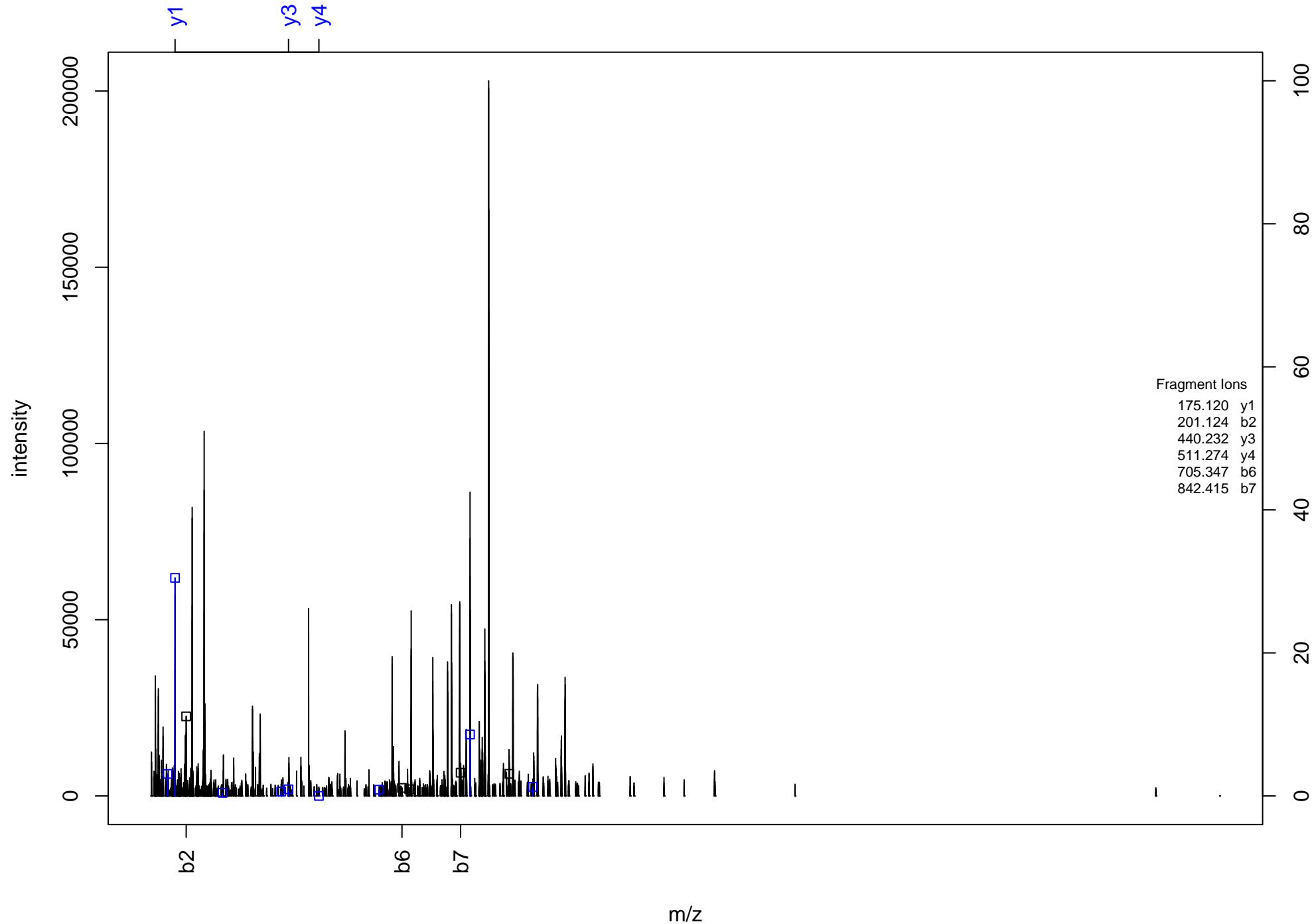
(Ac)HEGRRRLQ^Q^AELGNSSINGSK



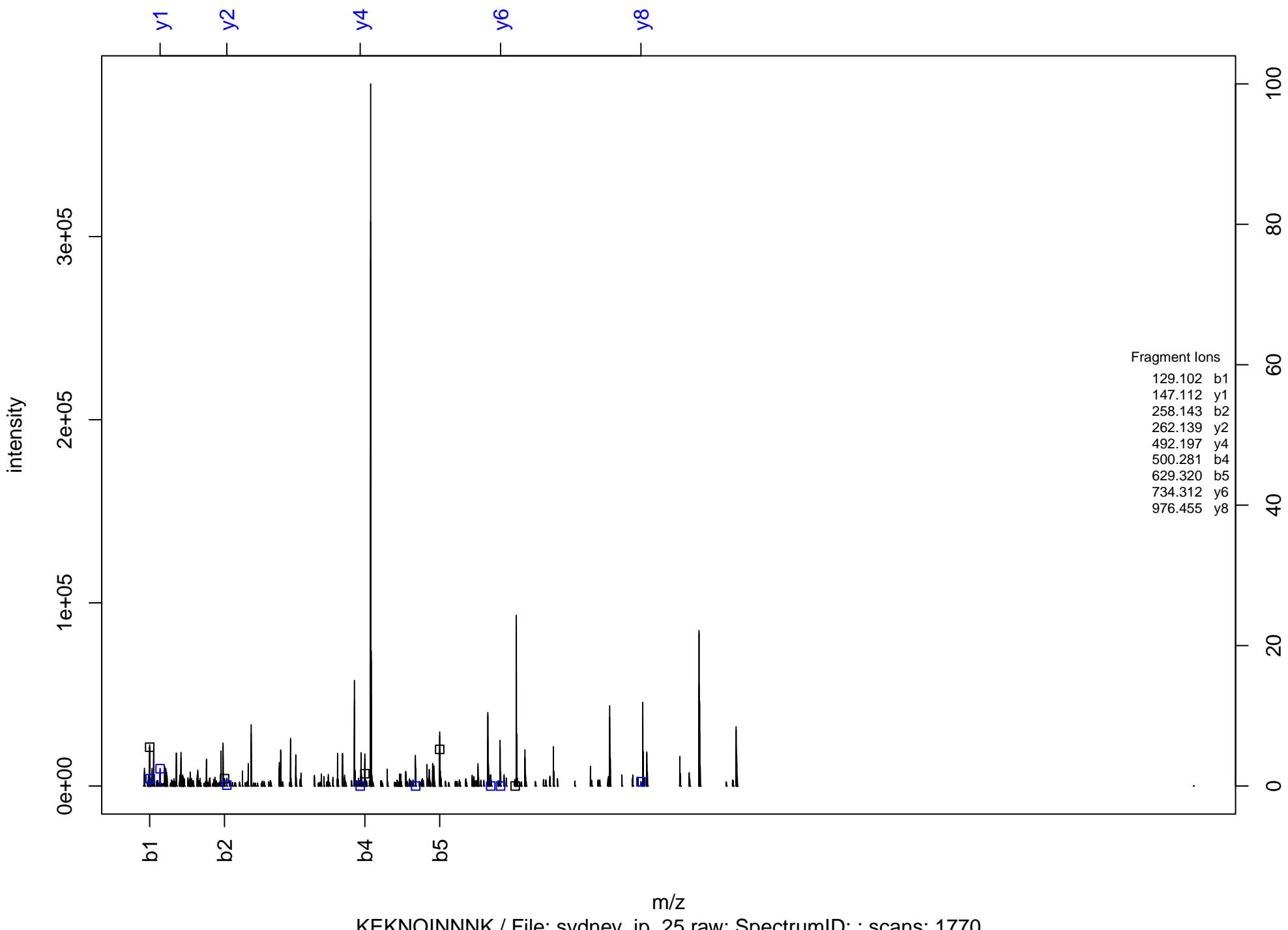
LQSLLTSQLENSSTTSPAR



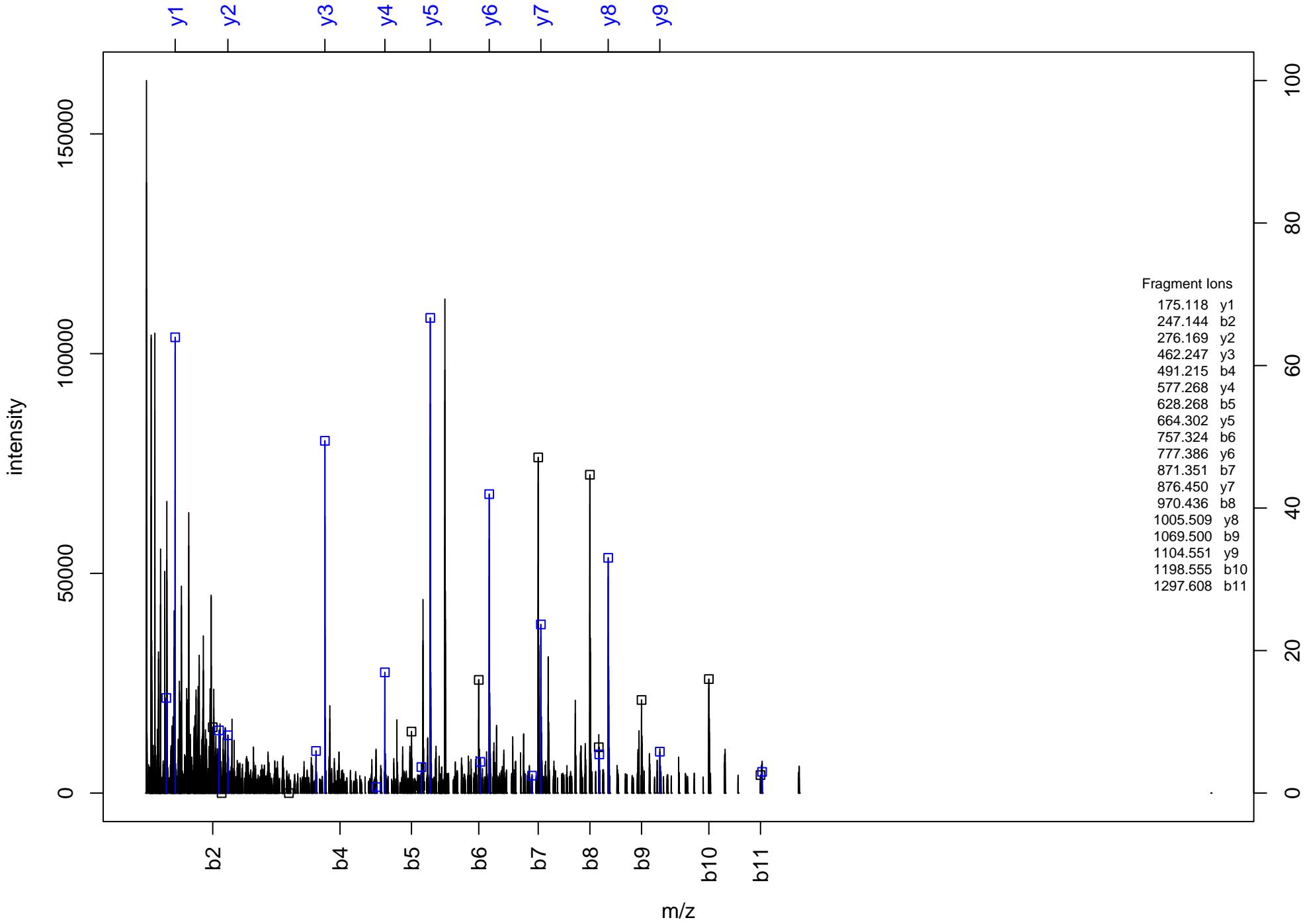
SLFQ^DIHPVPAALTM*DPGTAHQR



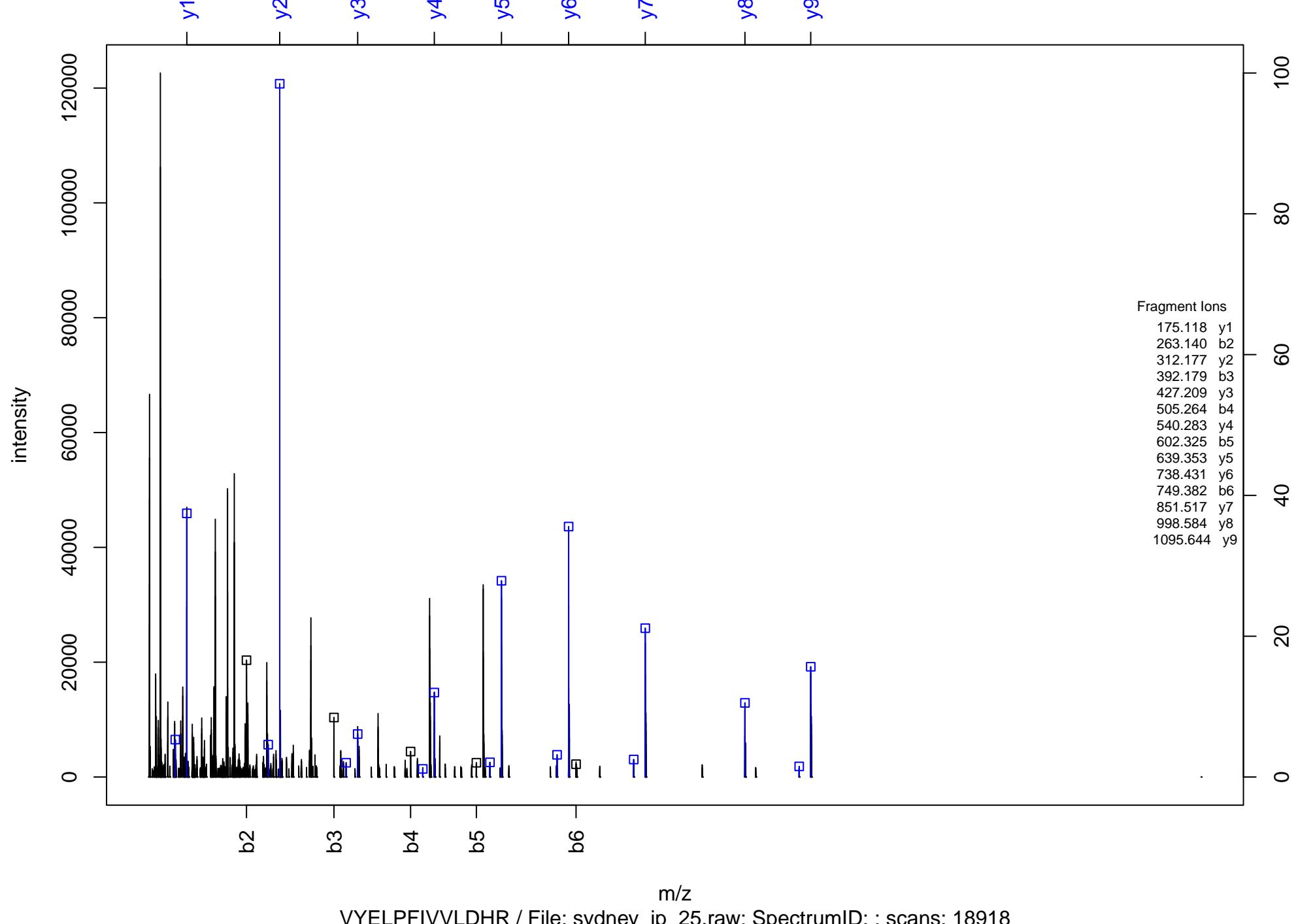
KEKNQ^IN^N^N^K



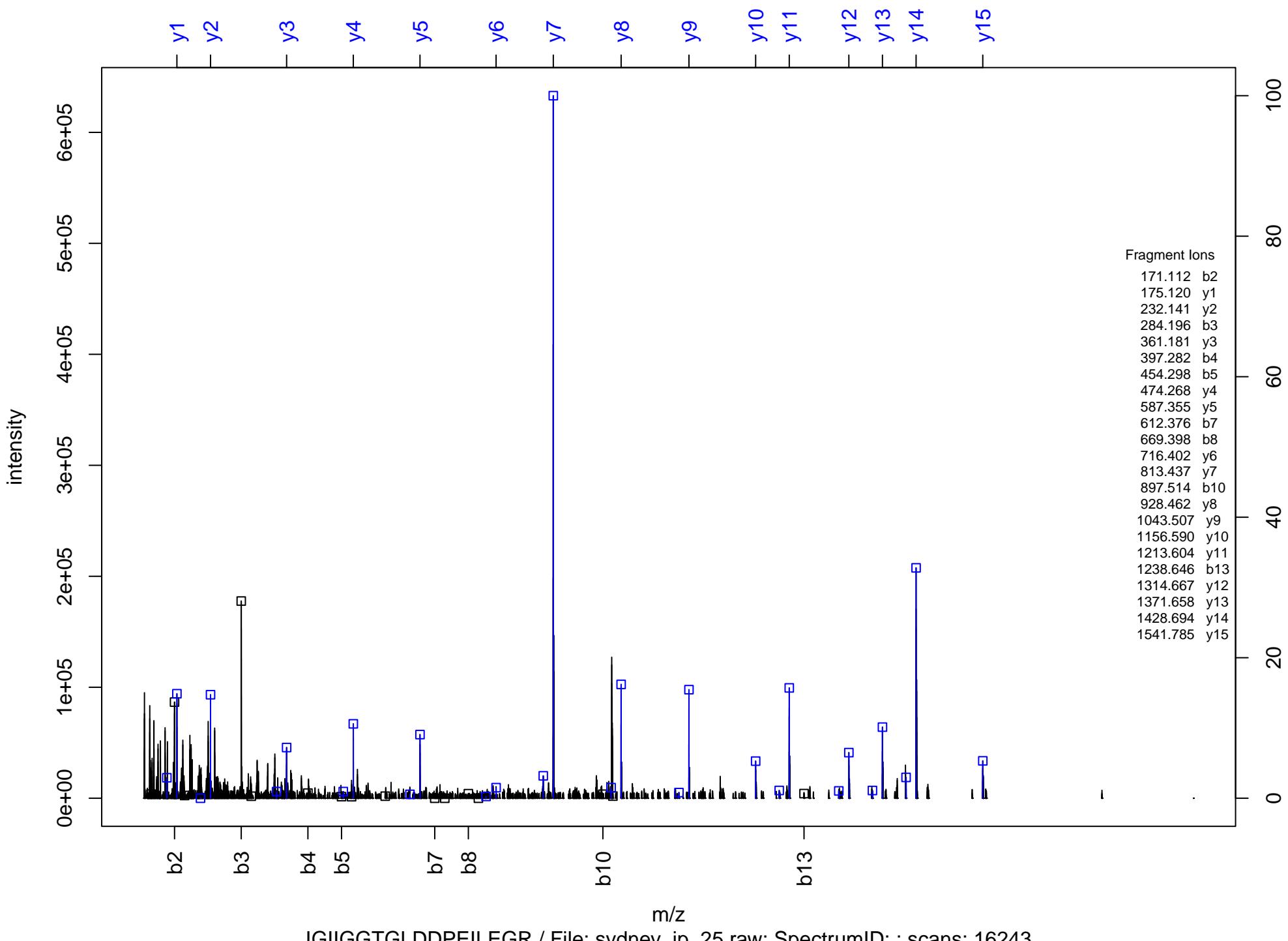
VFEDHENVVEVLSDWTR



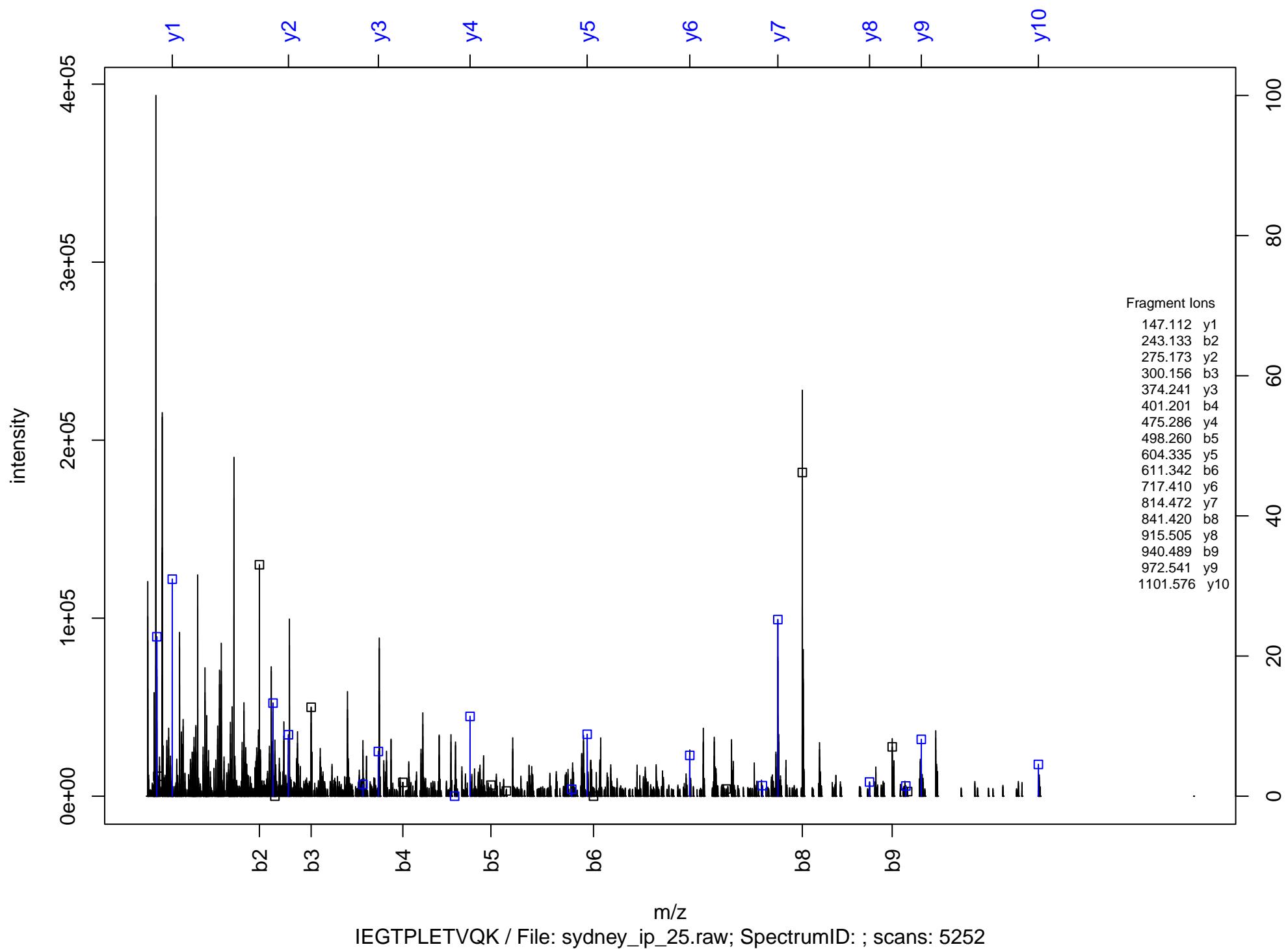
VYELPFIVVLDHR



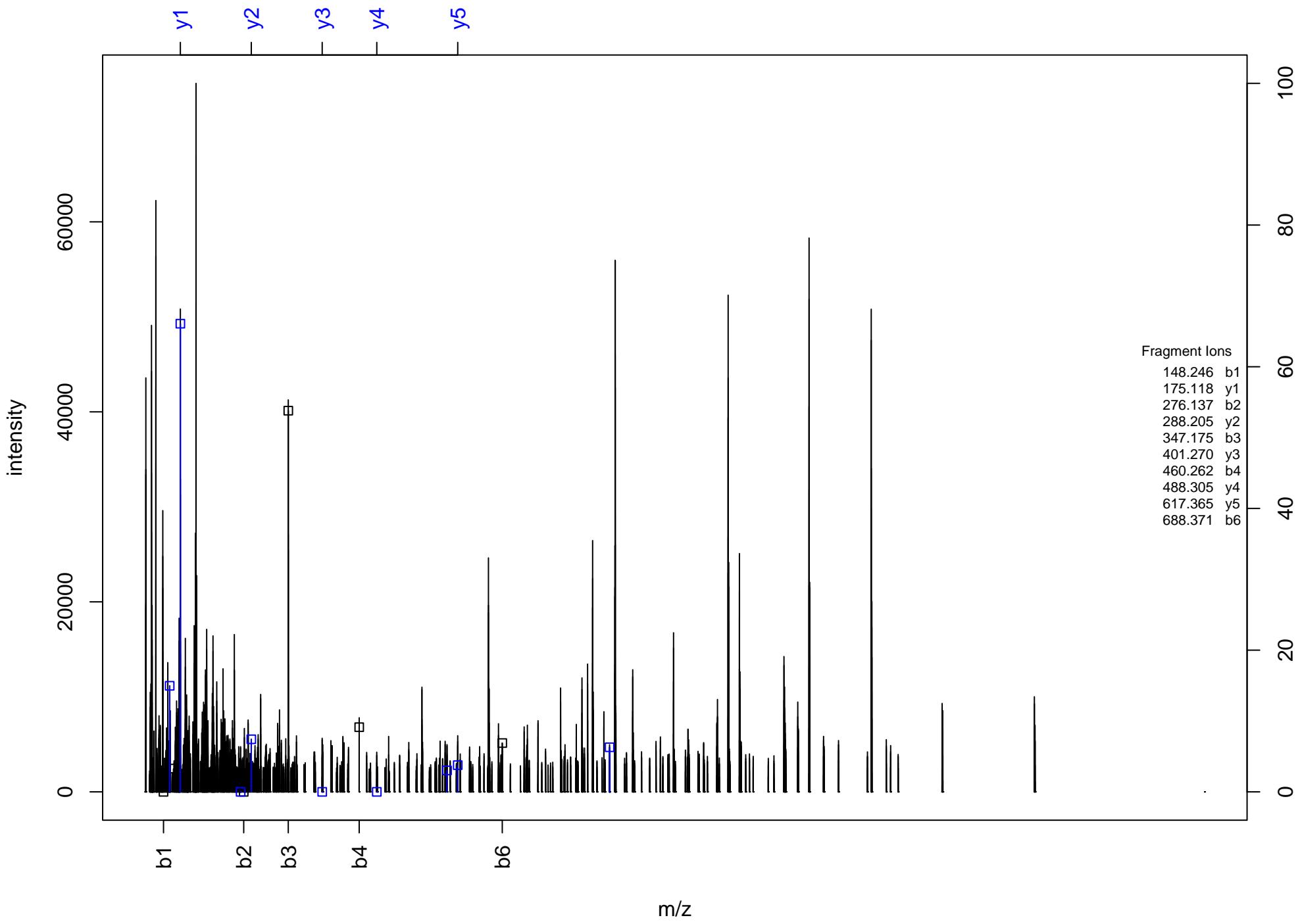
IGIIGGTGLDDPEILEGR



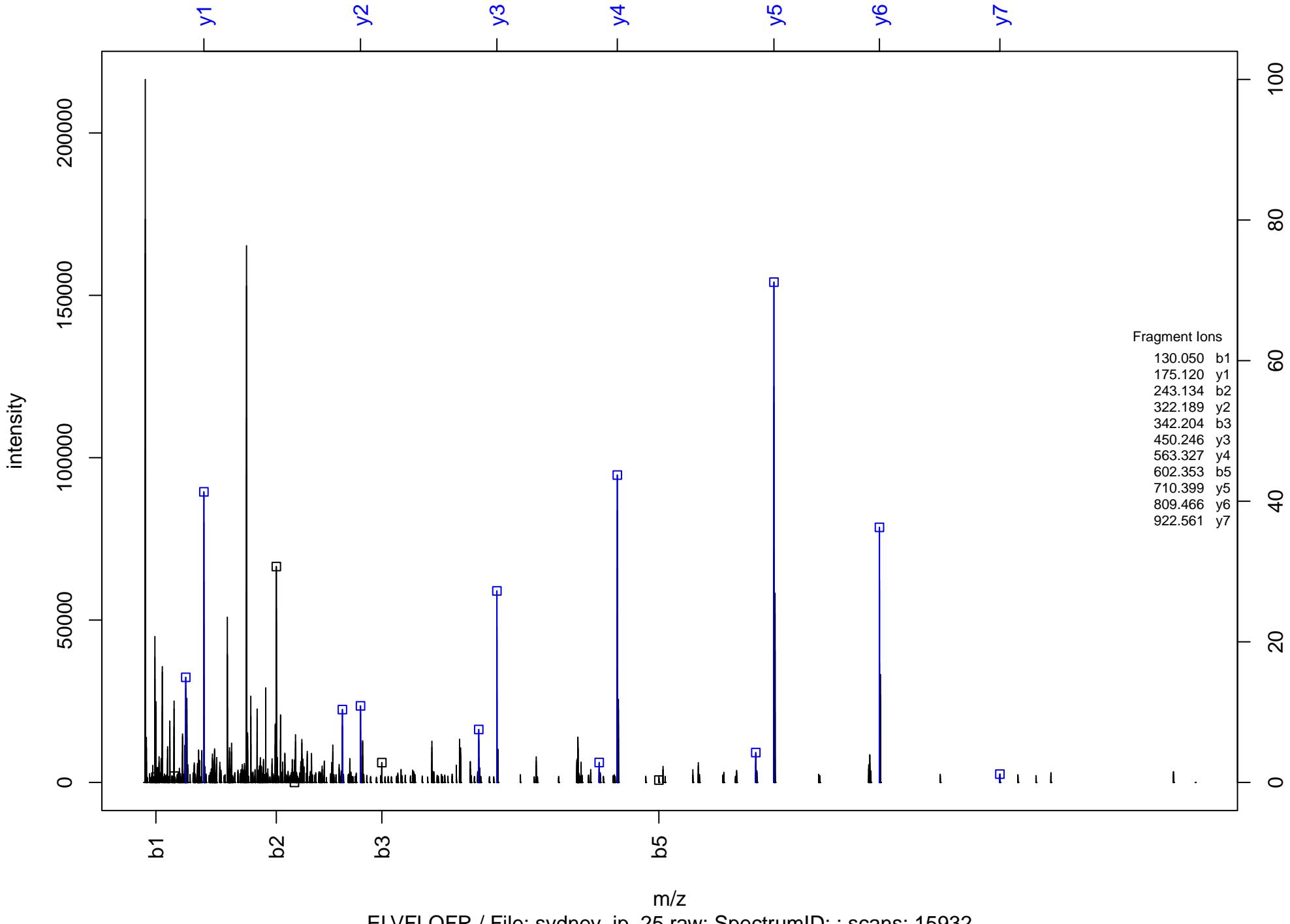
IEGTPLETVQK



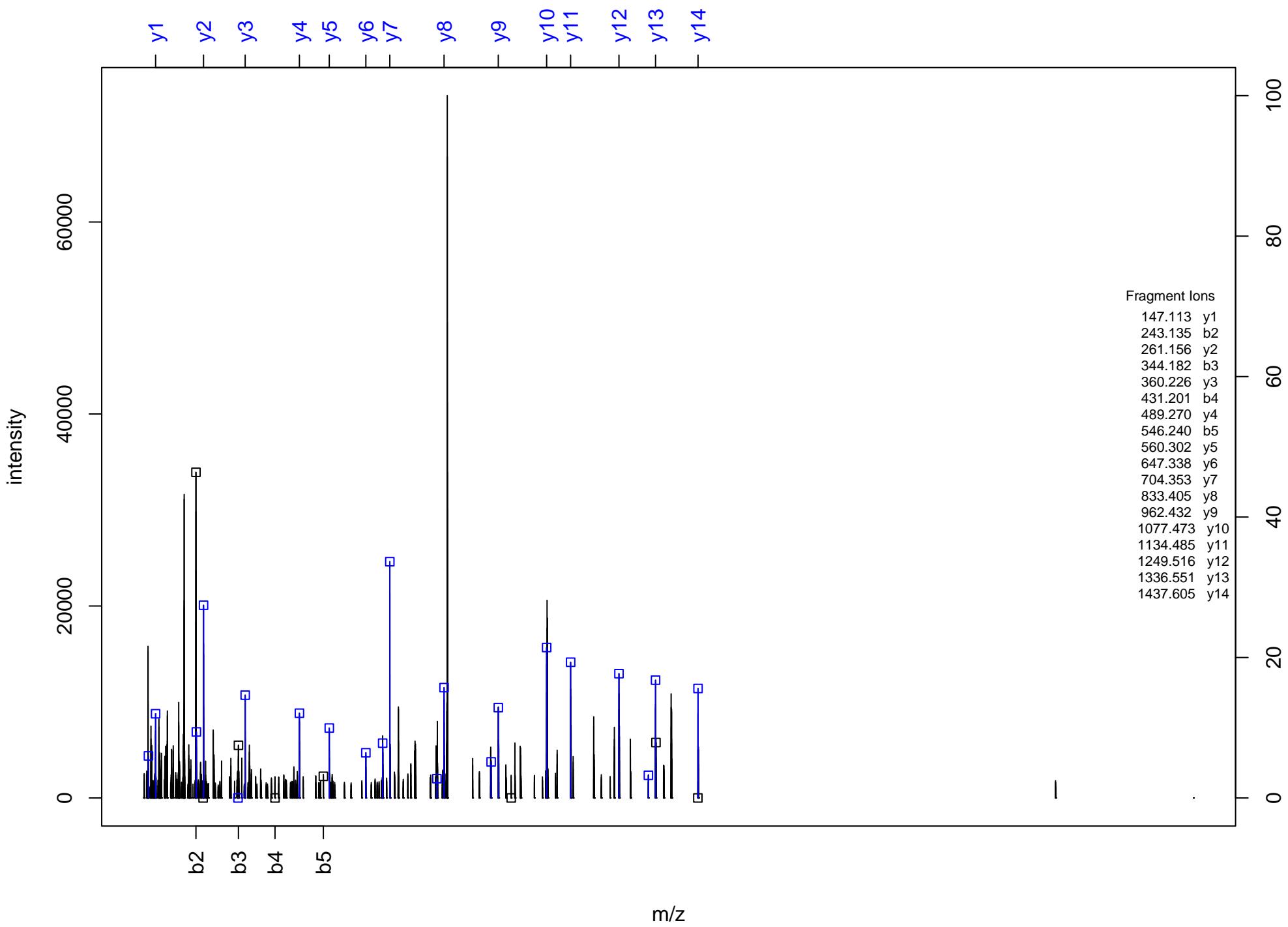
M*KALN^IDRCQ^SLIR



ELVFLQFR

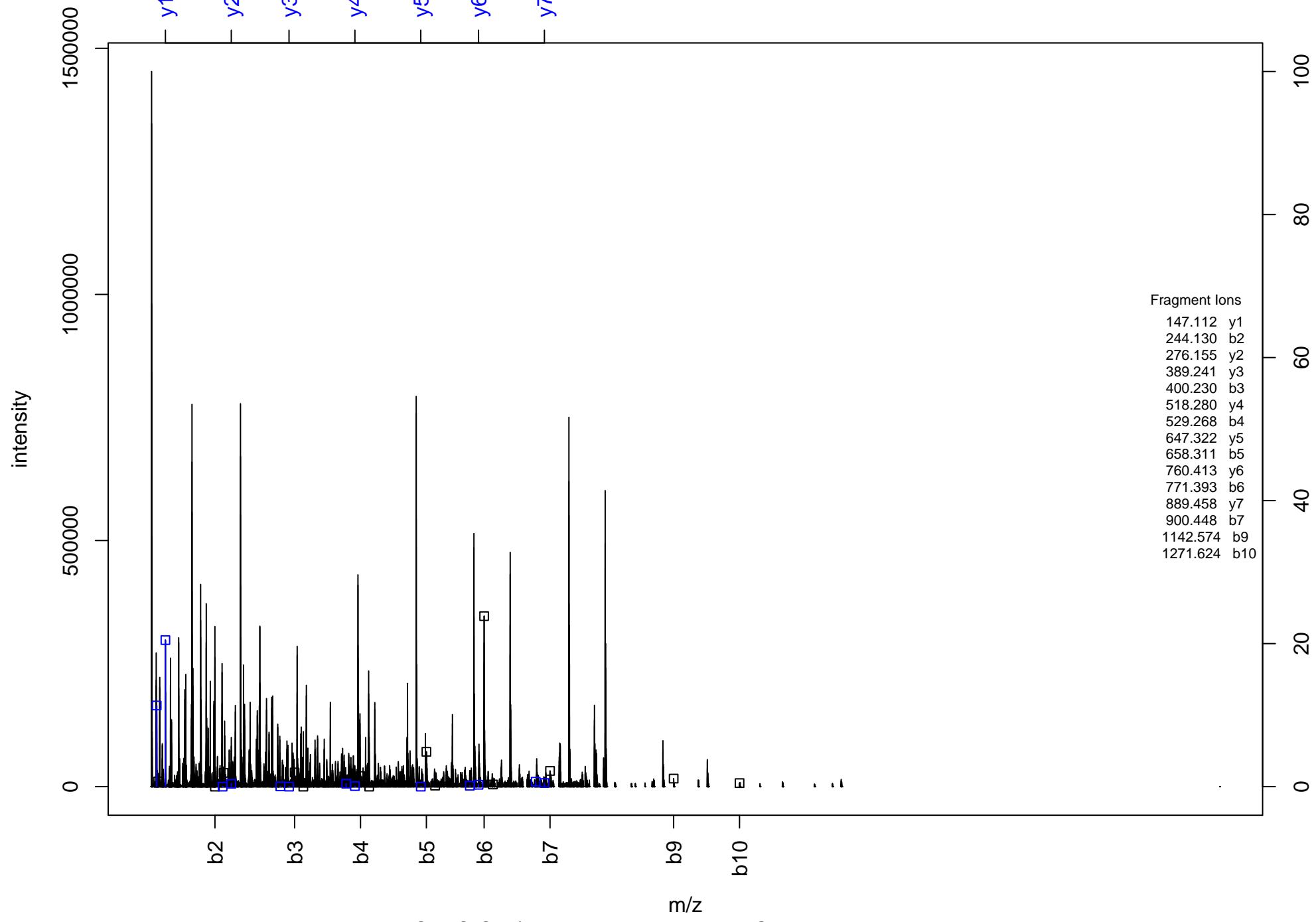


LETSDGDEEGSAEVNK

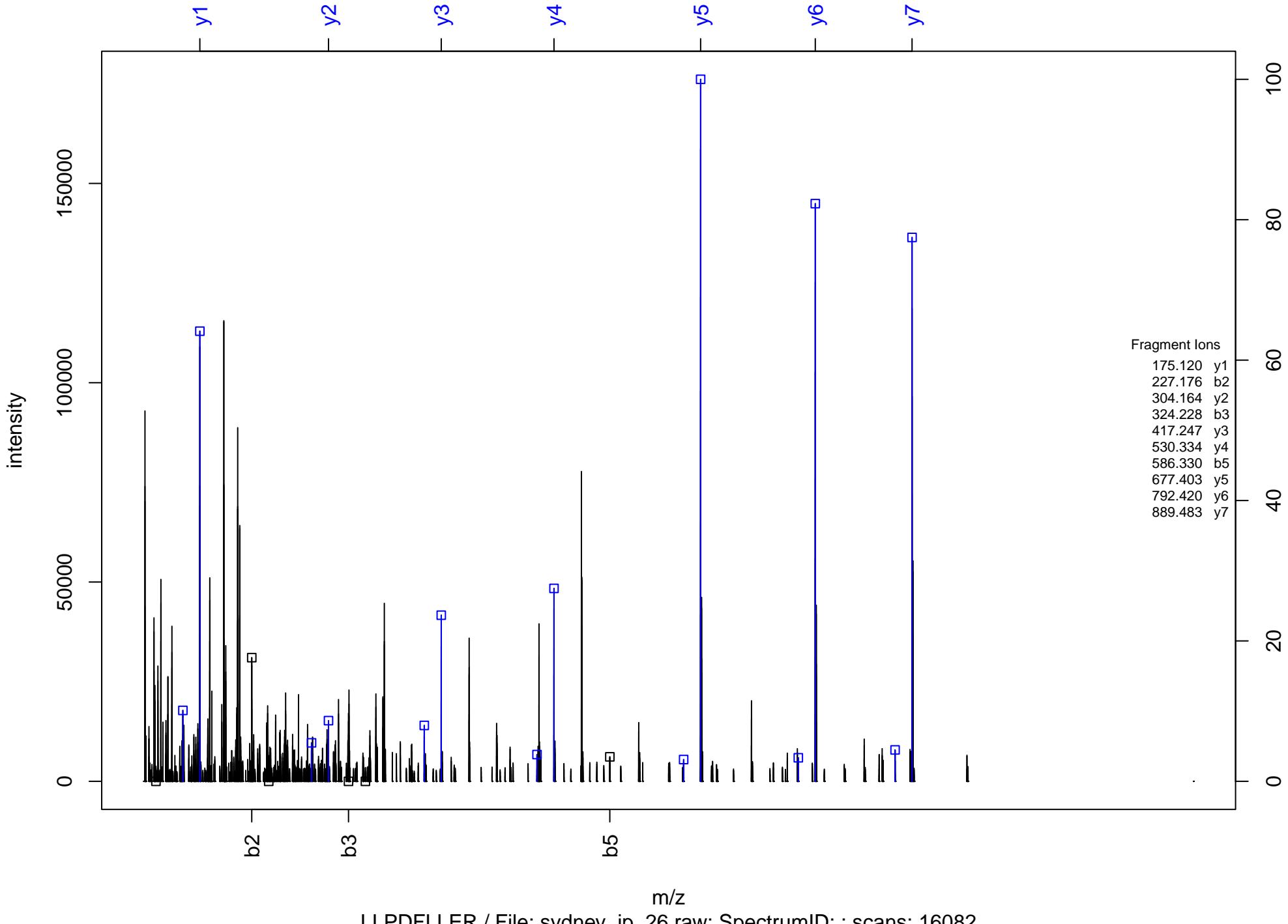


LETSDGDEEGSAEVNK / File: sydney_ip_25.raw; SpectrumID: ; scans: 1875

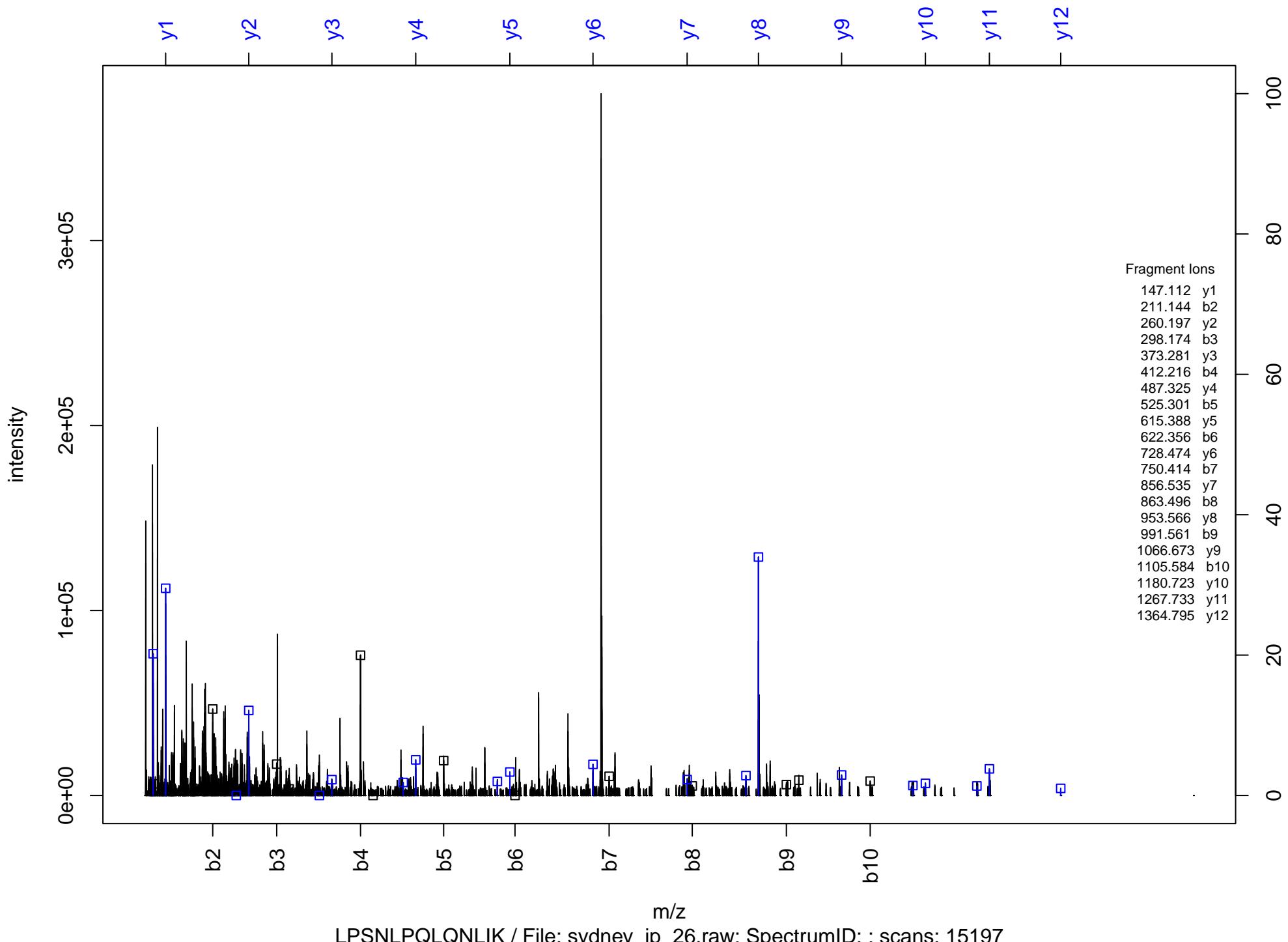
N^KREQ^LEQ^IQ^K



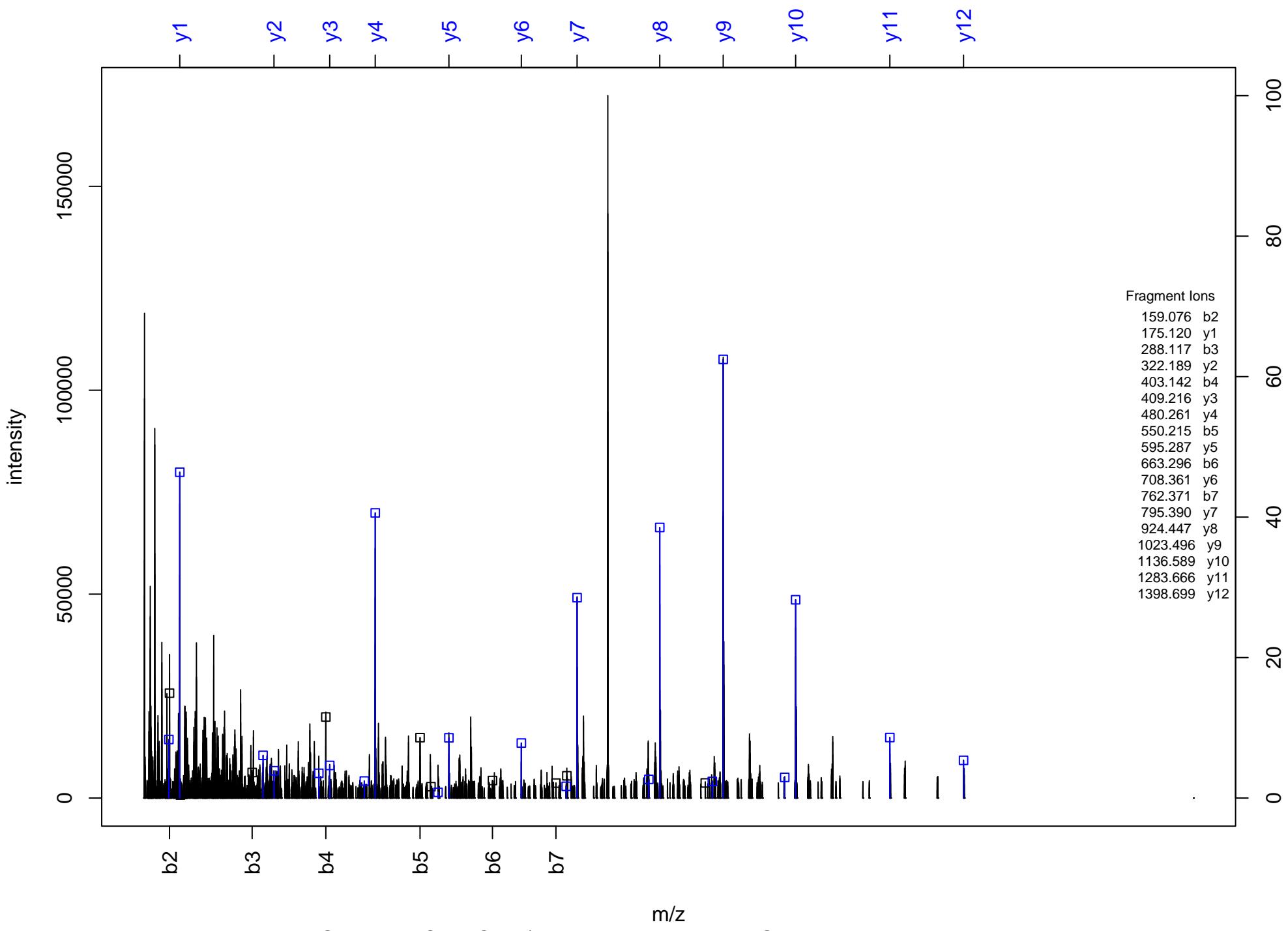
LLPDFLLER



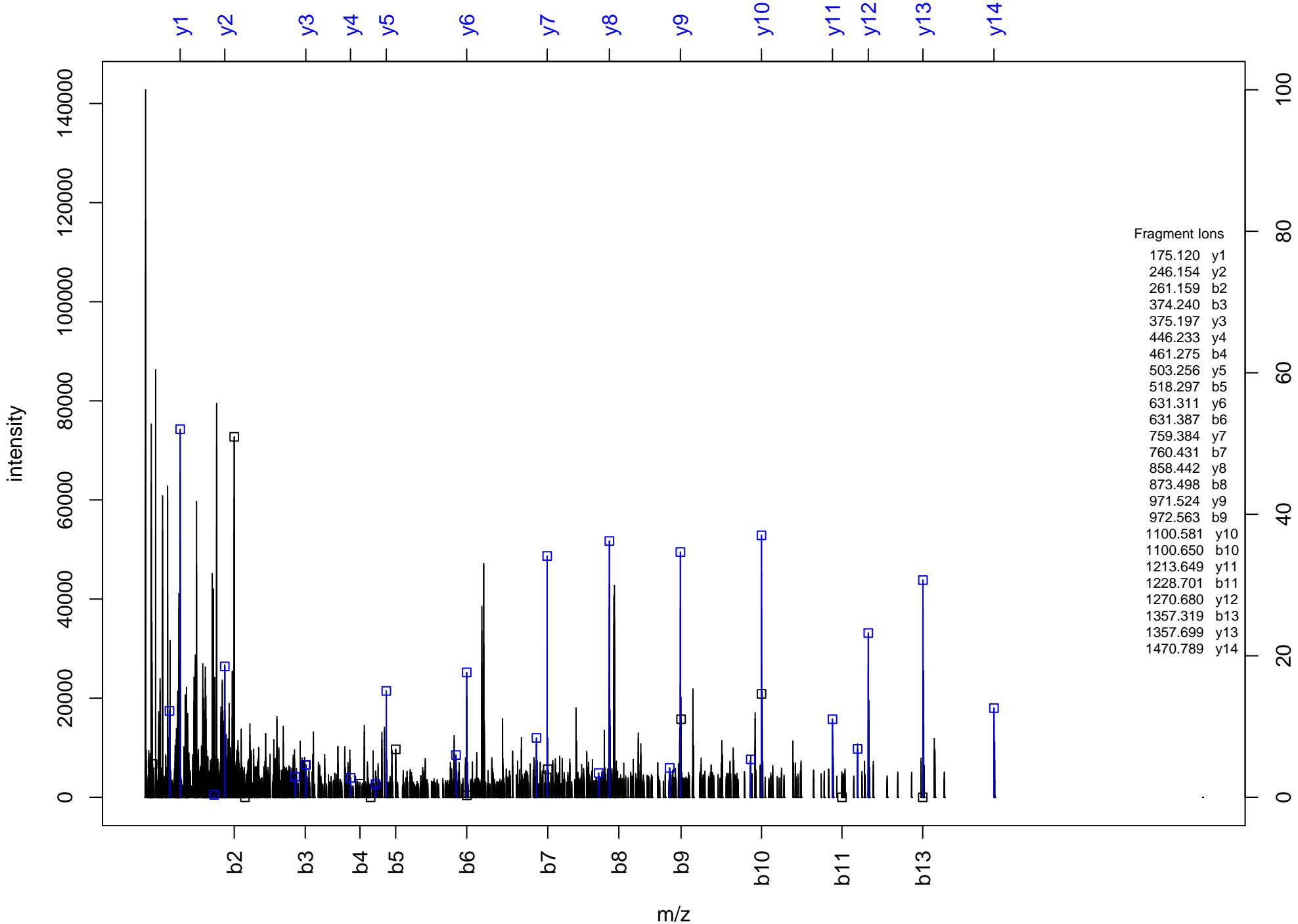
LPSNL PQLQ NLIK



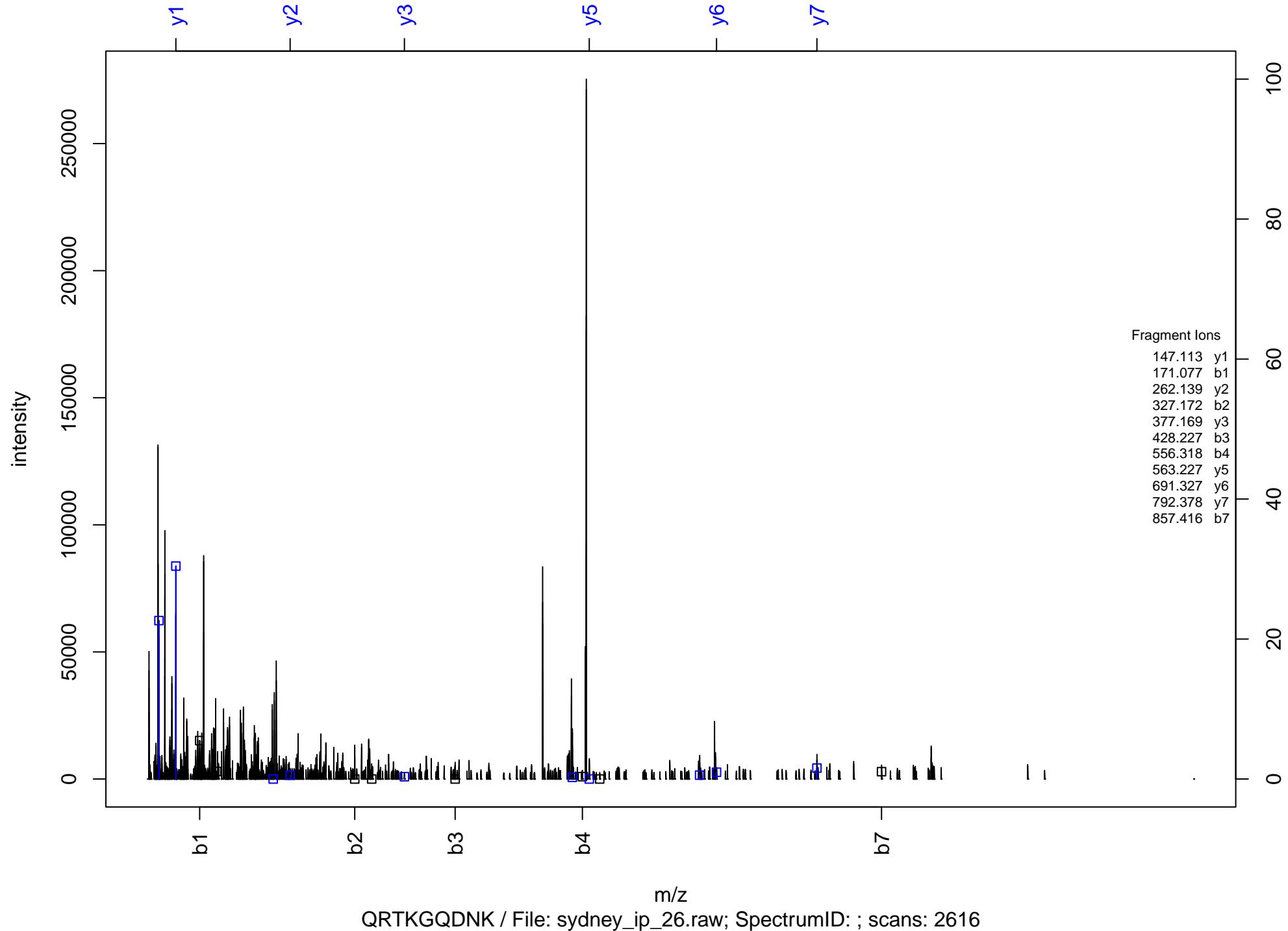
GTEDFIVESLDASFR



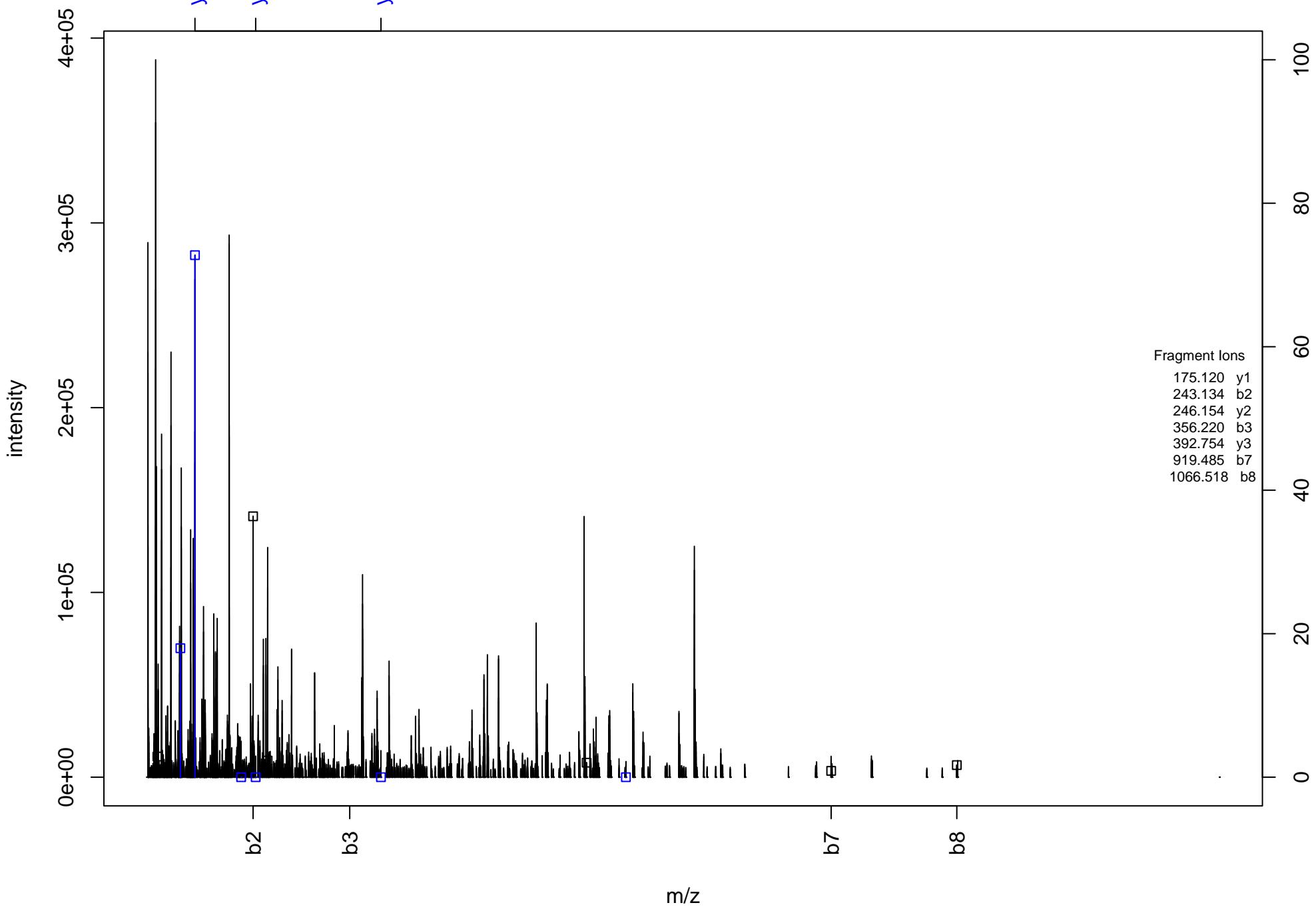
LFLSGLELVQQGAEAR



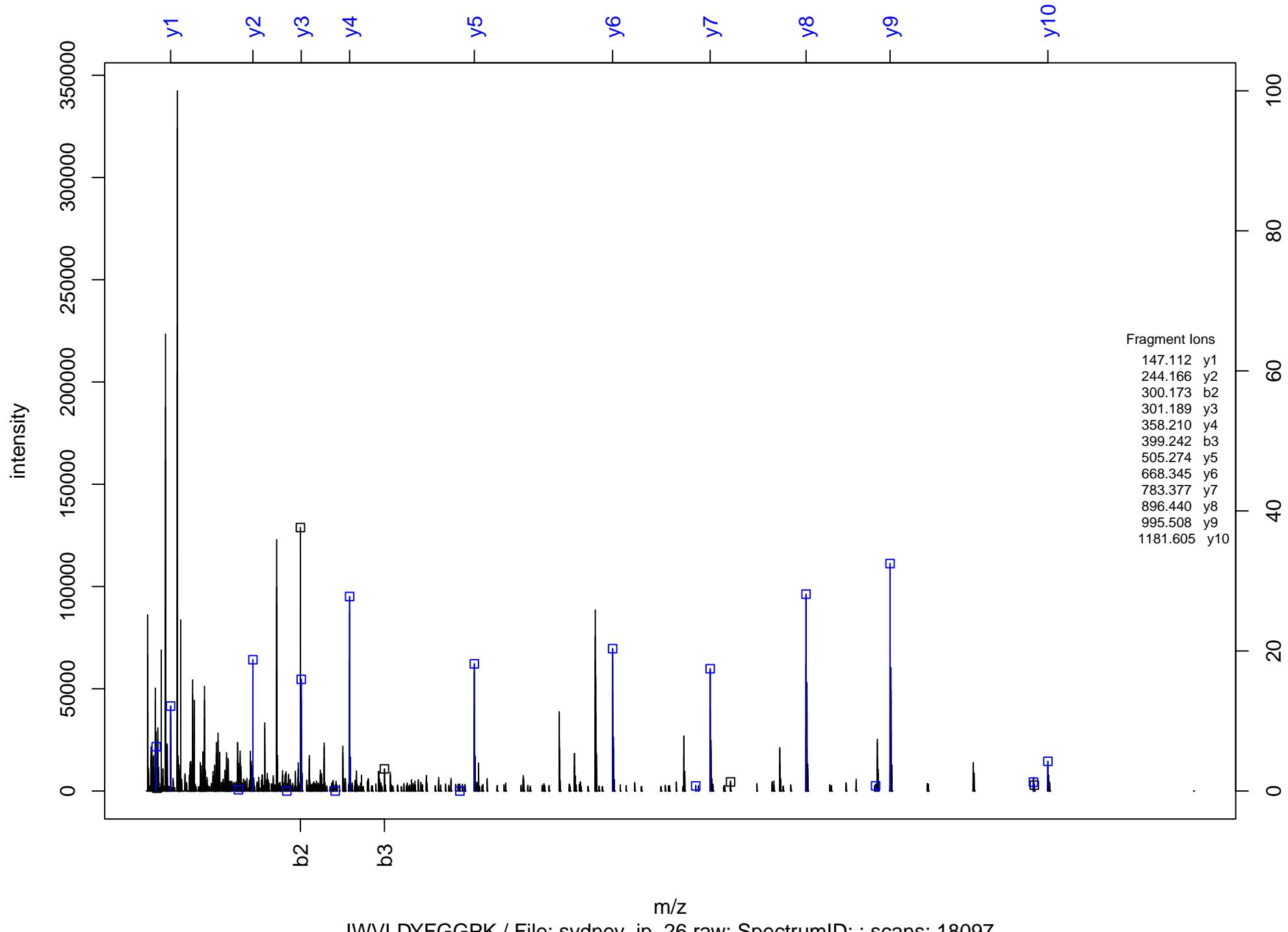
(Ac)QRTKGQ^ADN^AK



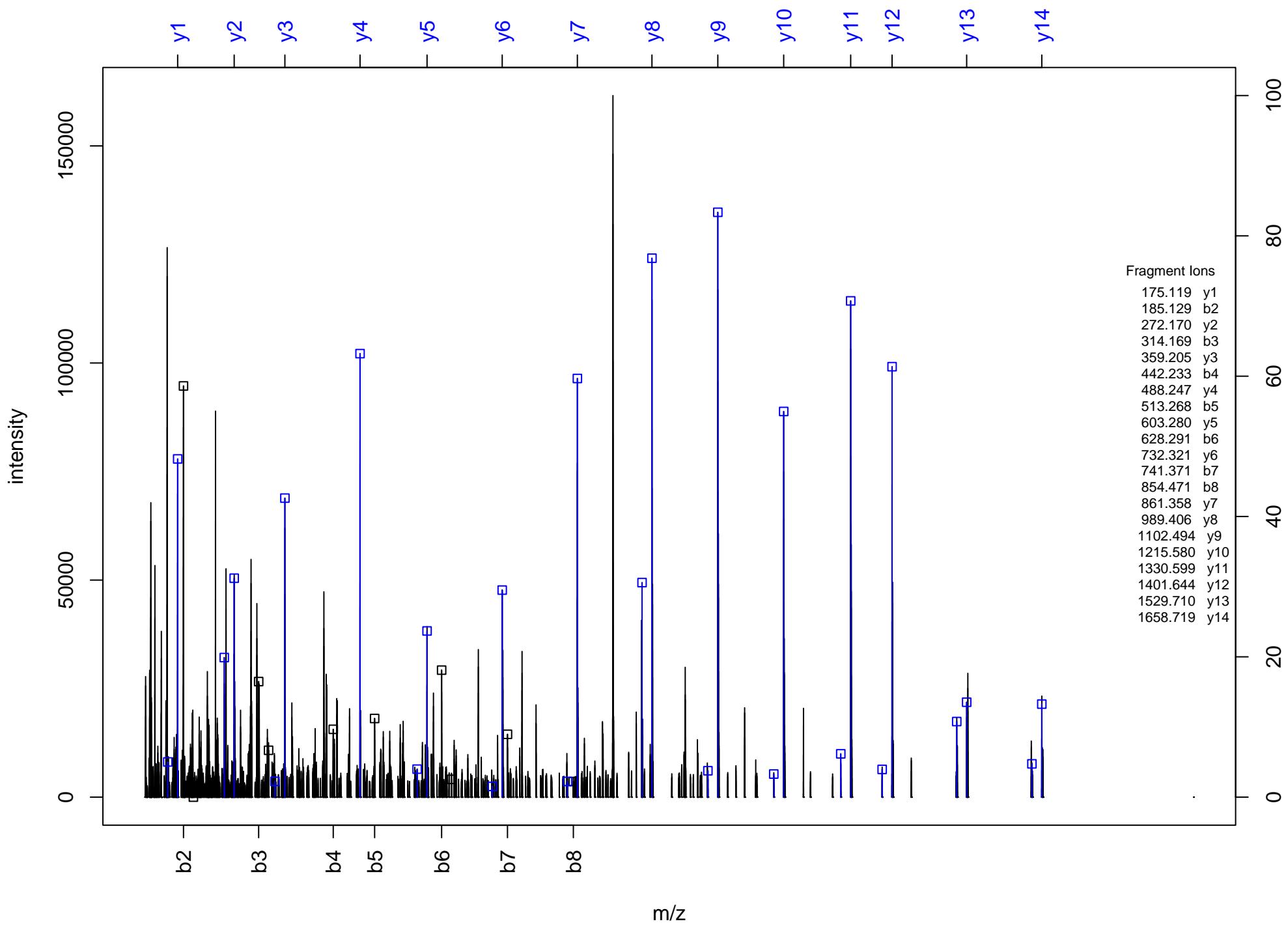
LQ^ALLM^{*}RM^{*}M^{*}AR



IWVLDYFGGPK

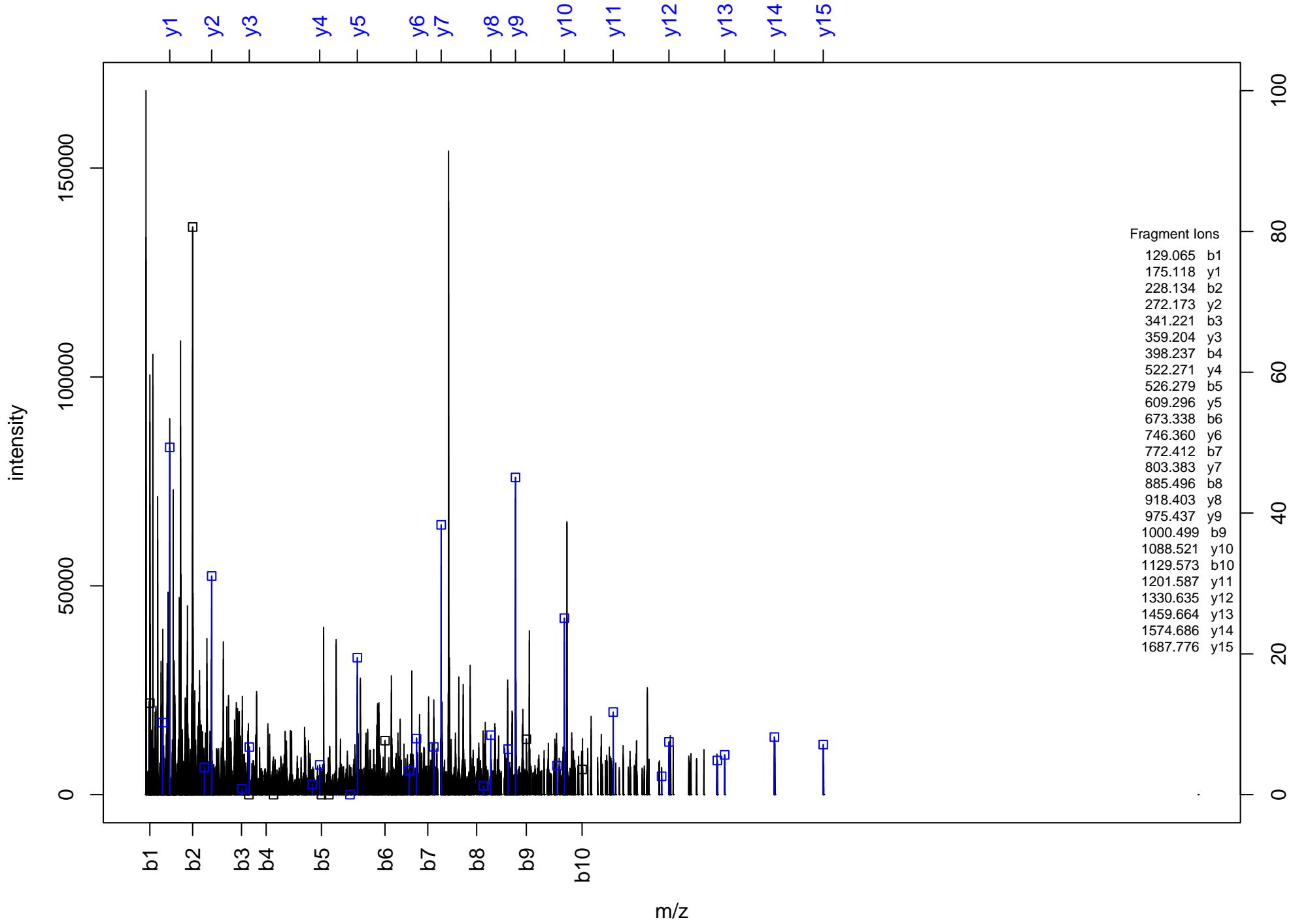


AIEQADLLQEEDESPR

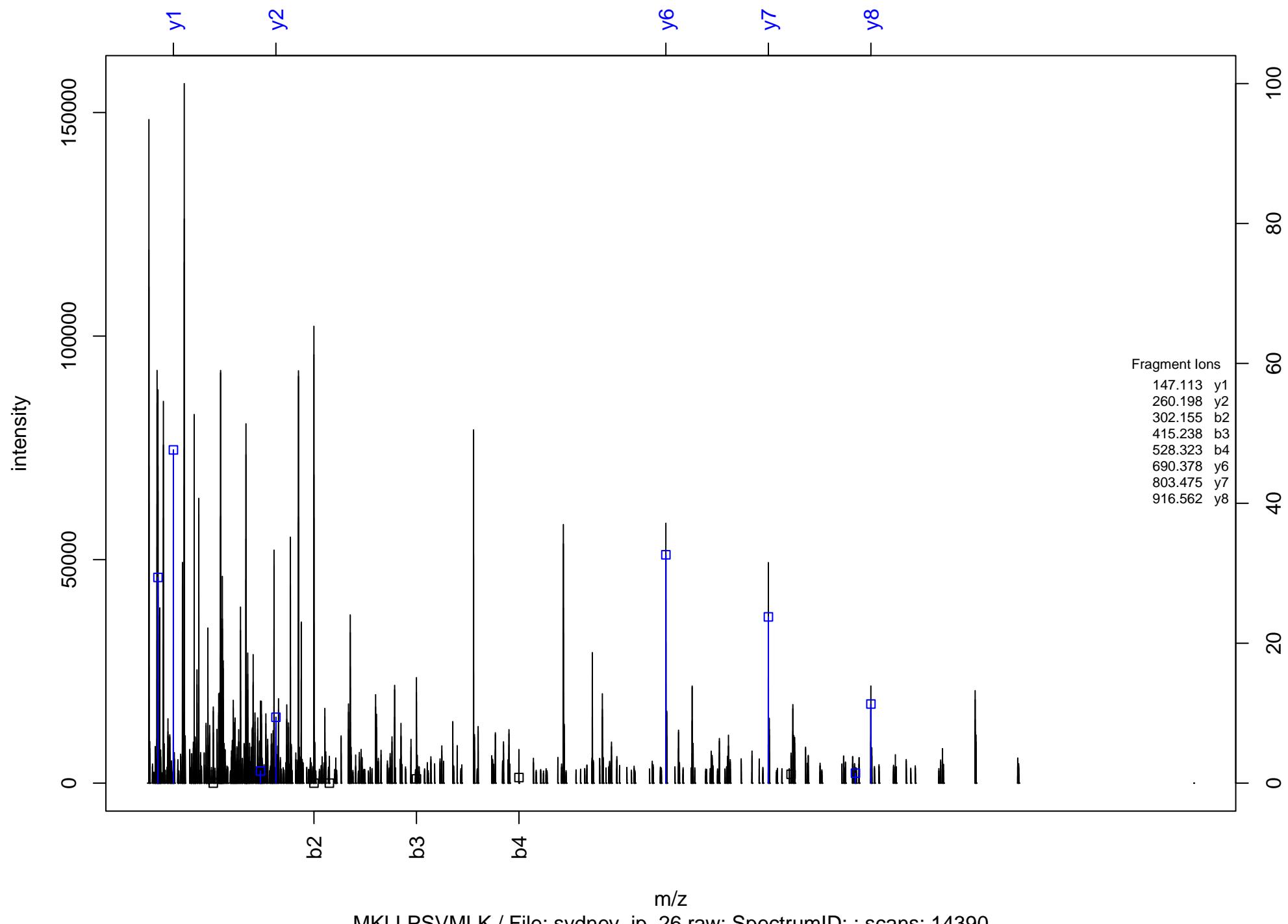


AIEQADLLQEEDESPR / File: sydney_ip_26.raw; SpectrumID: ; scans: 7624

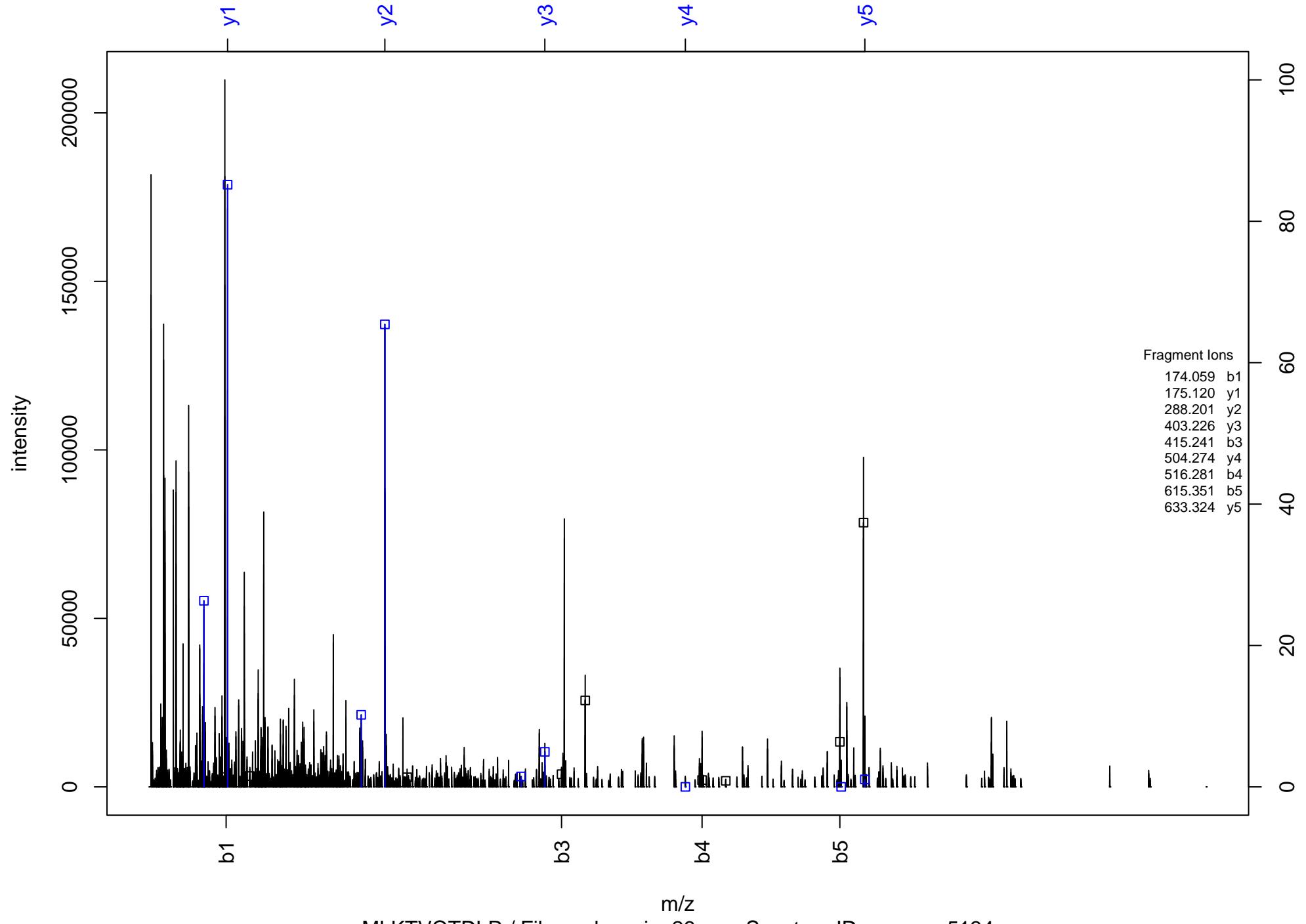
QVLGQM*VIDEELLGDGHYSYSPR



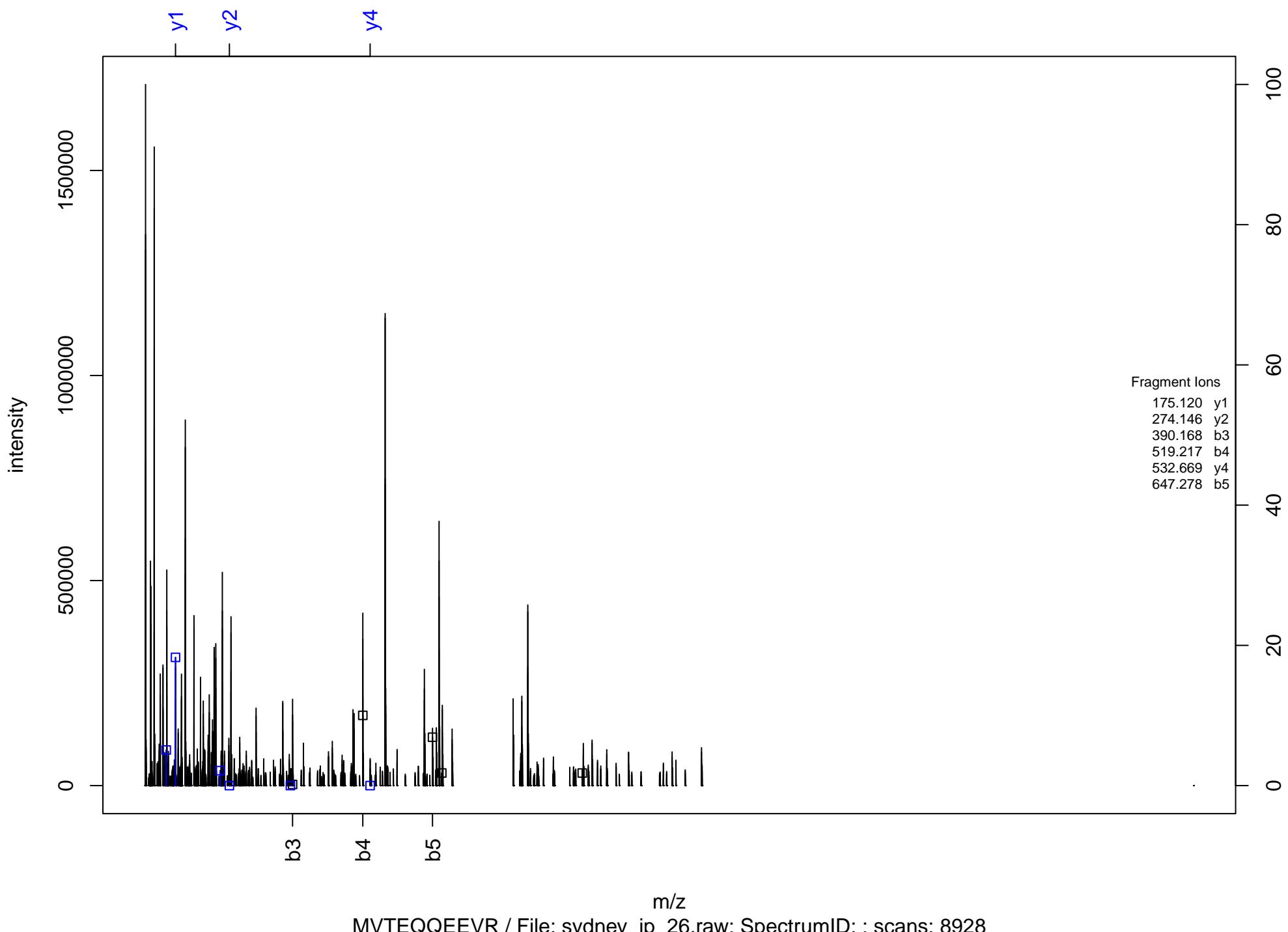
(Ac)MKLLPSVM*LK



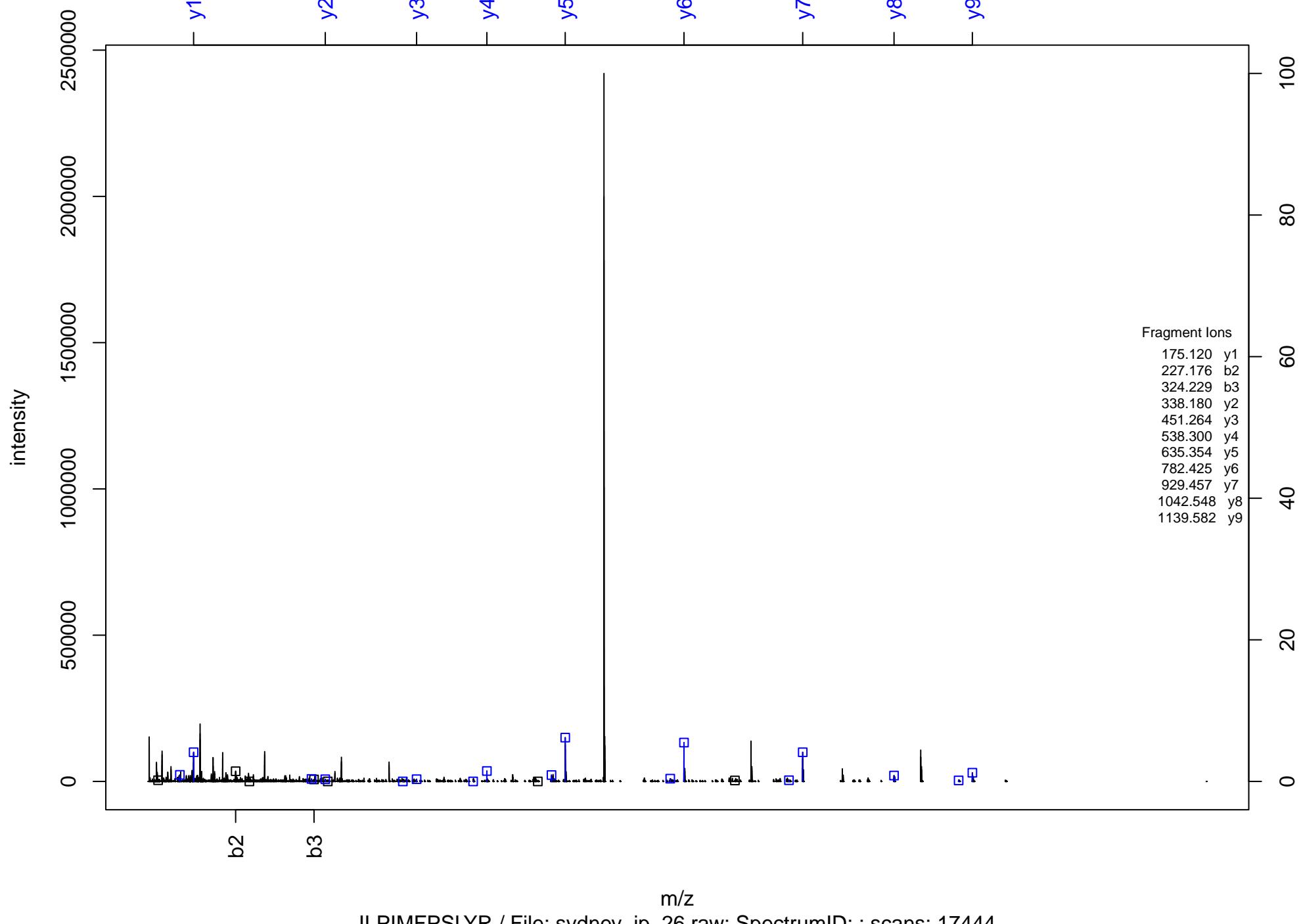
(Ac)MLKTVQ^TDLR



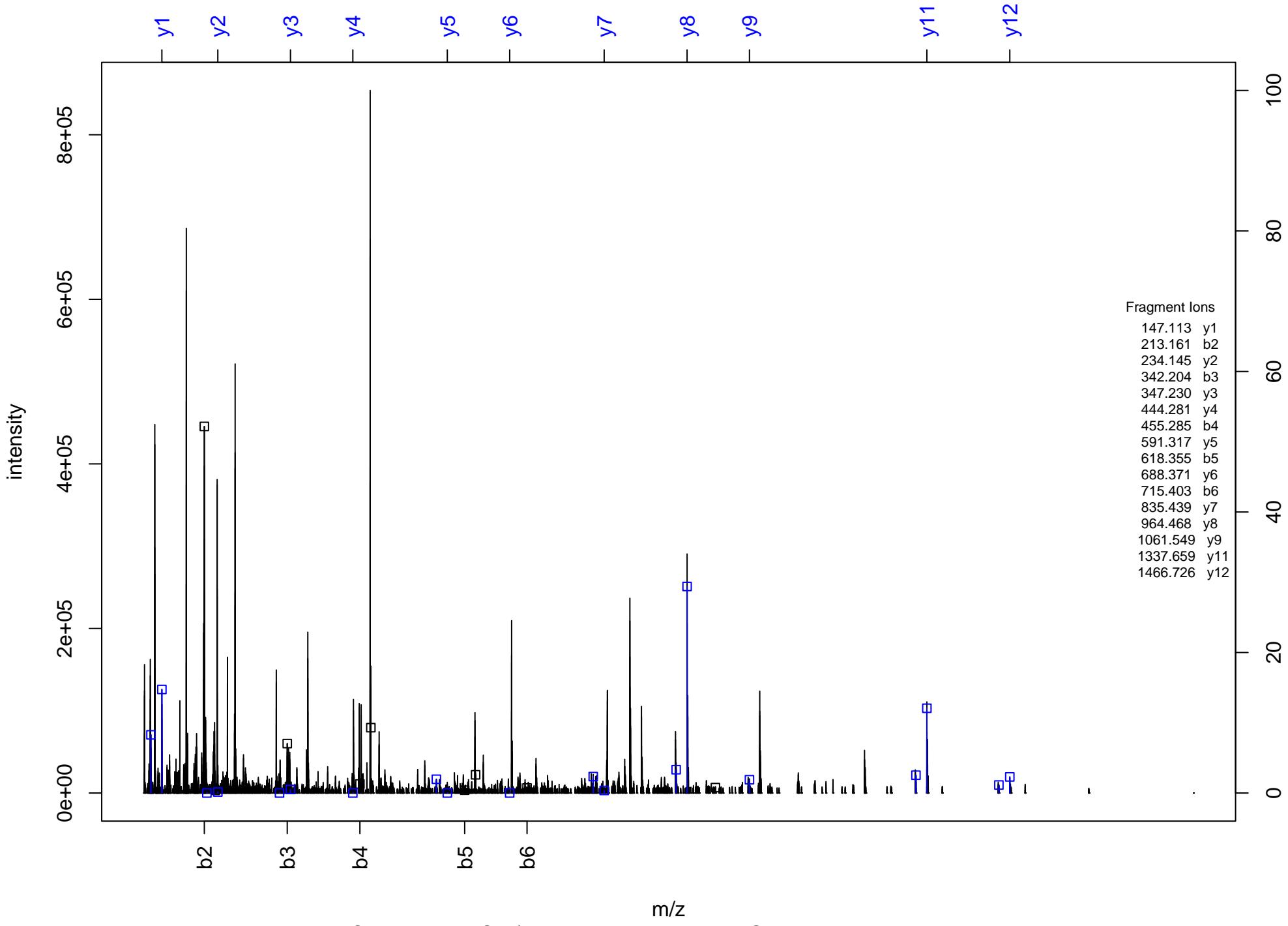
(Ac)M*VTEQQ^EEVR



ILPIM*FPSLYR

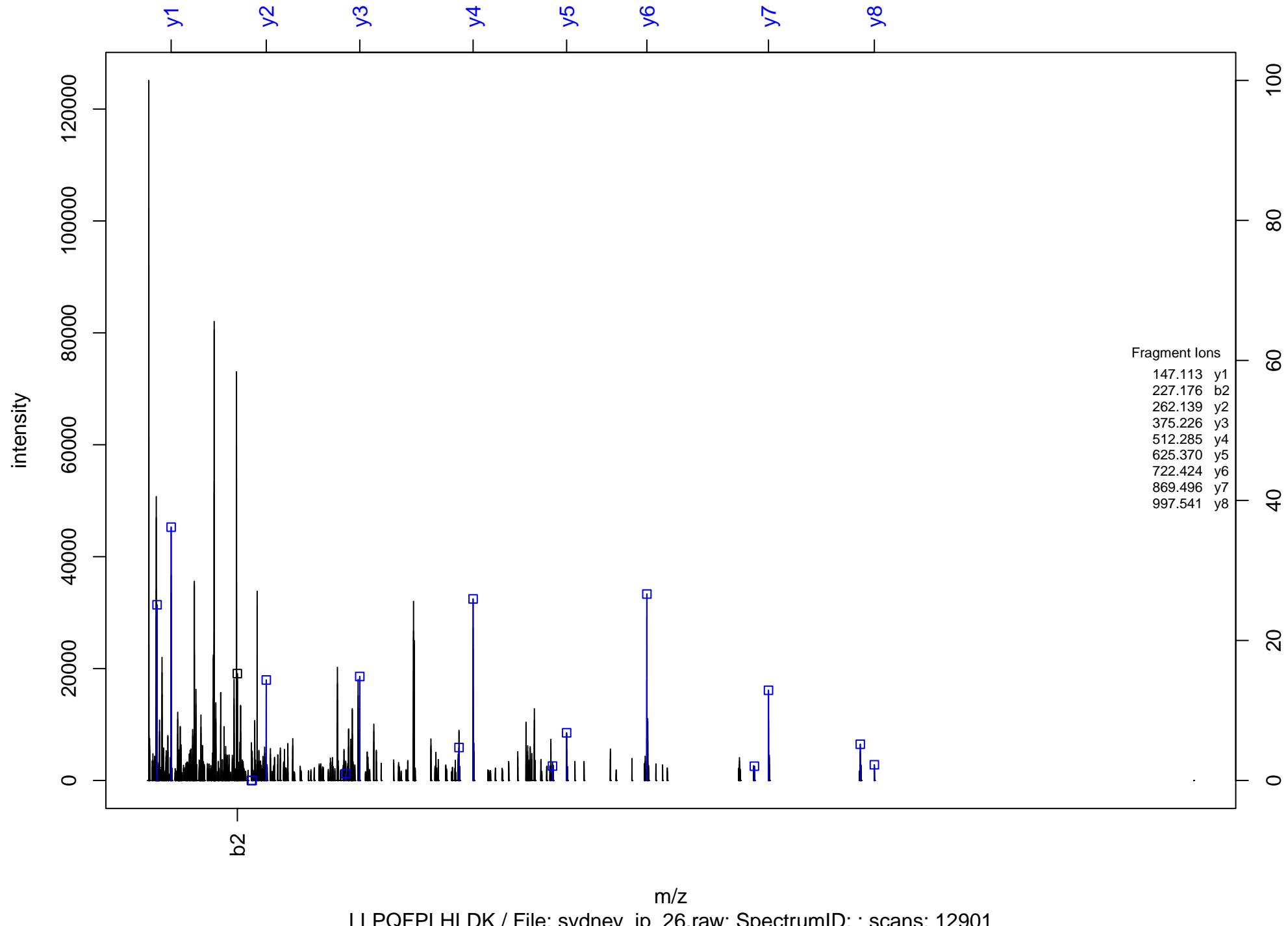


VIQ^LYPEFPM*PISK

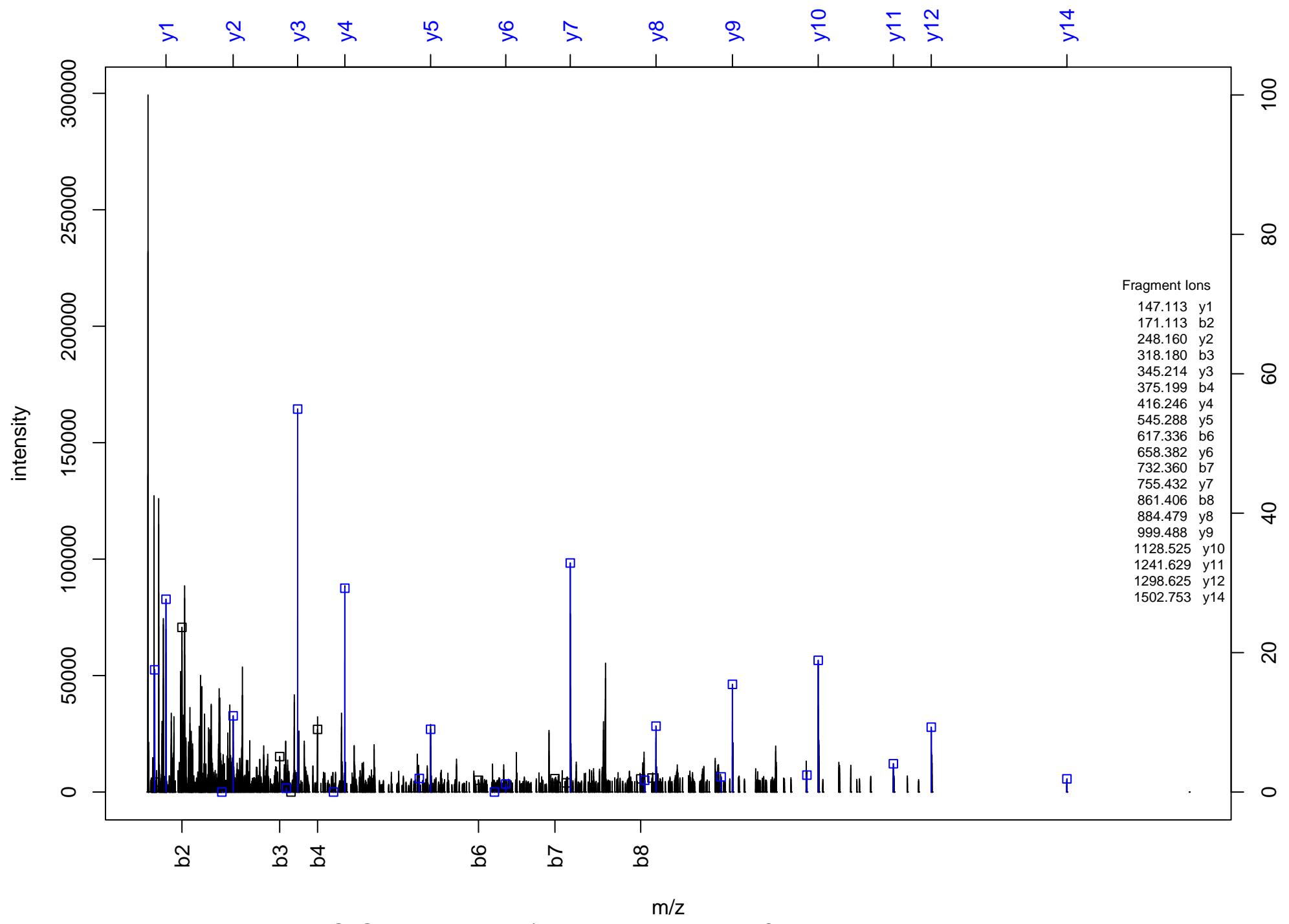


VIQLYPEFPM*PISK / File: sydney_ip_26.raw; SpectrumID: ; scans: 14073

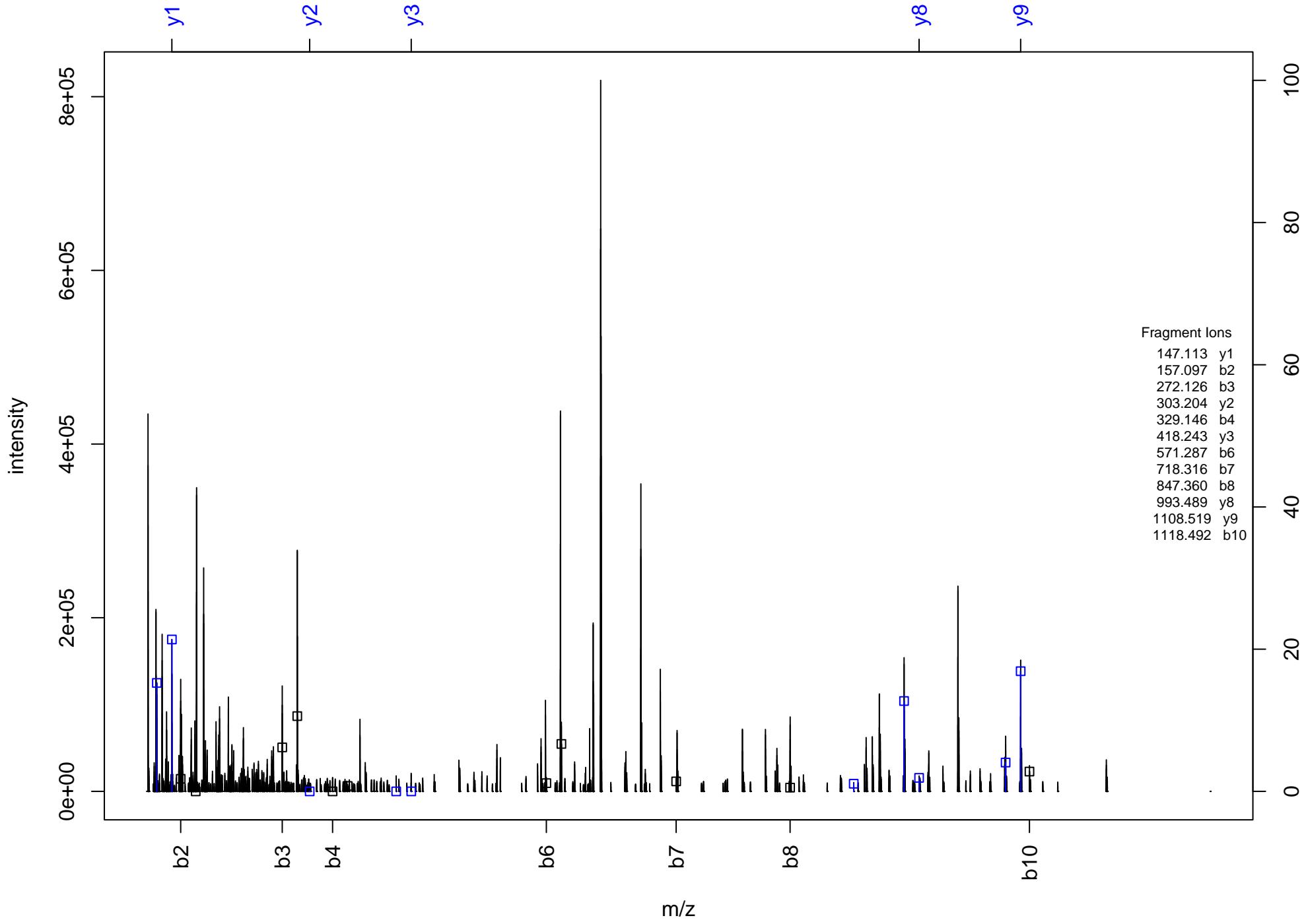
LLPQFPLHLDK



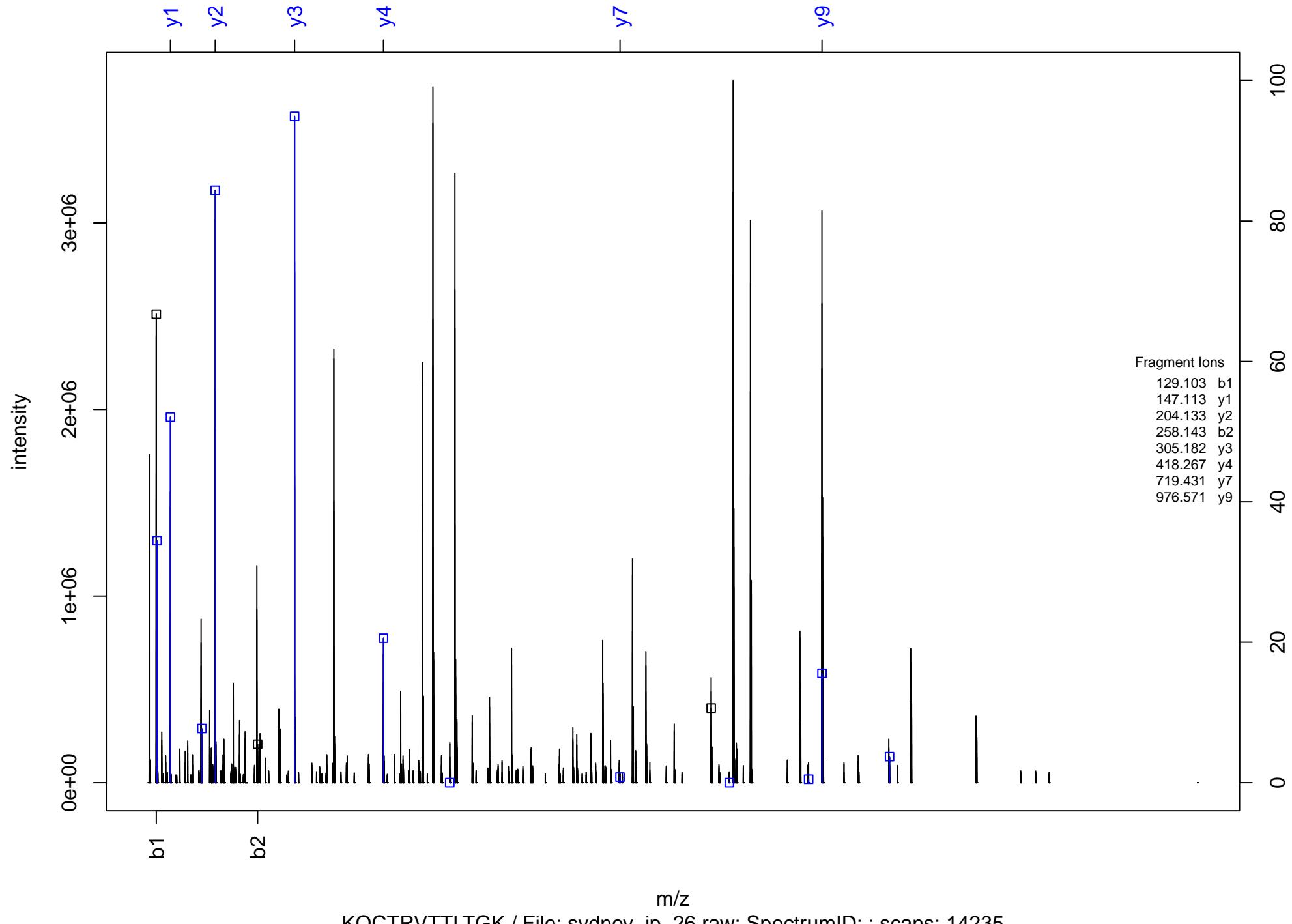
LGFGLEDEPLEAPTK



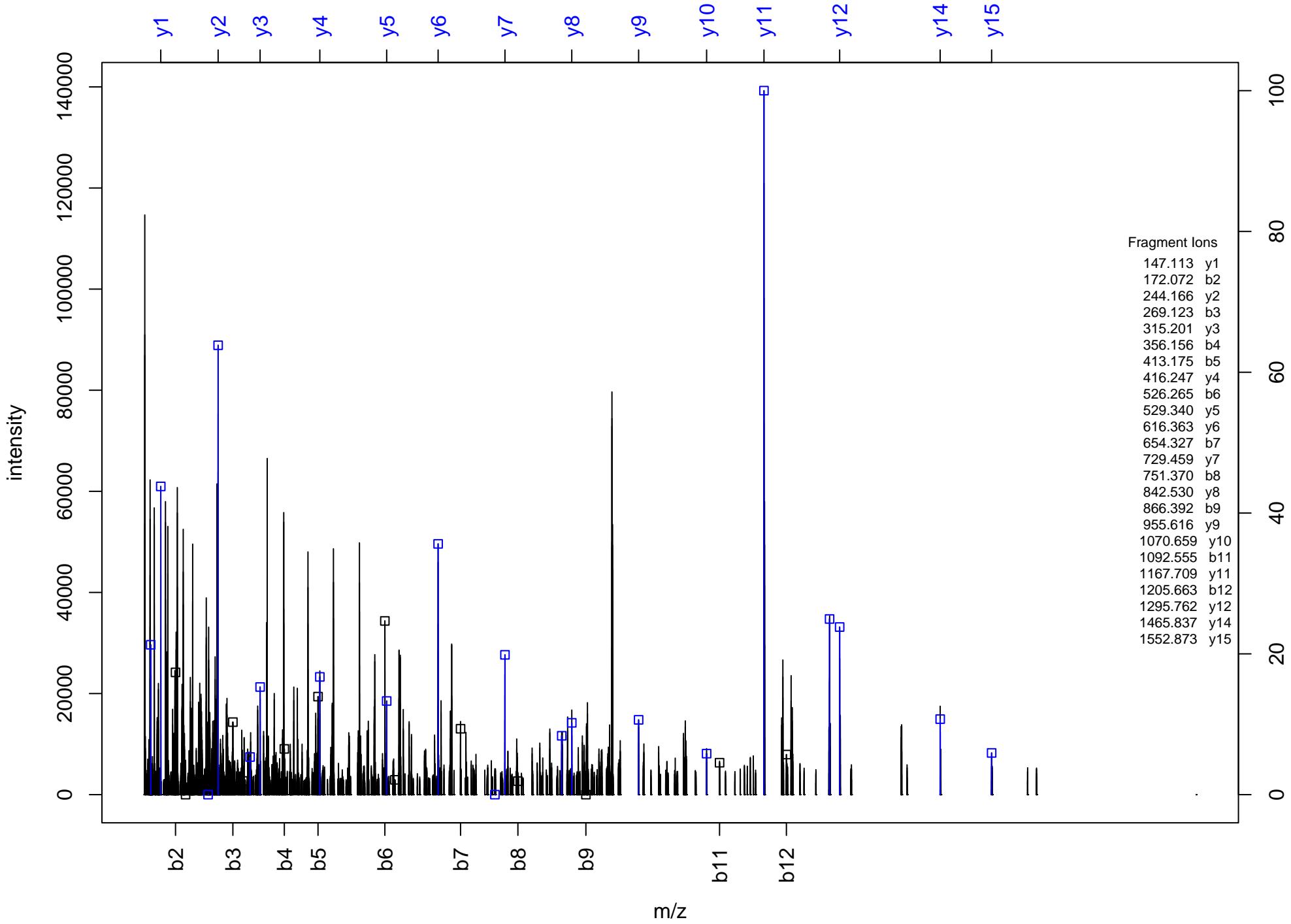
GVN[^]GKNM^{*}Q[^]N[^]RK



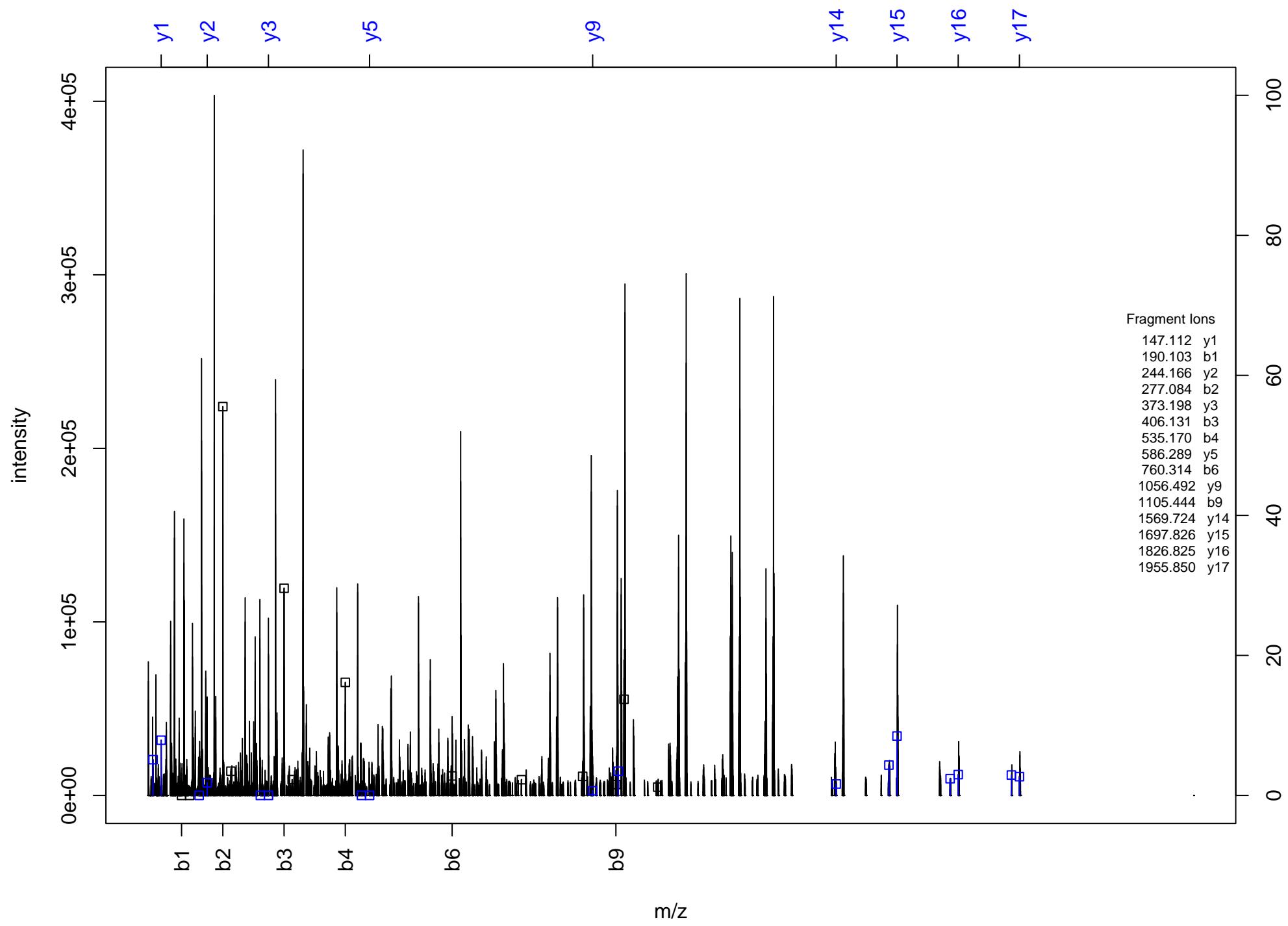
KQ^ACTRVTTLTGK



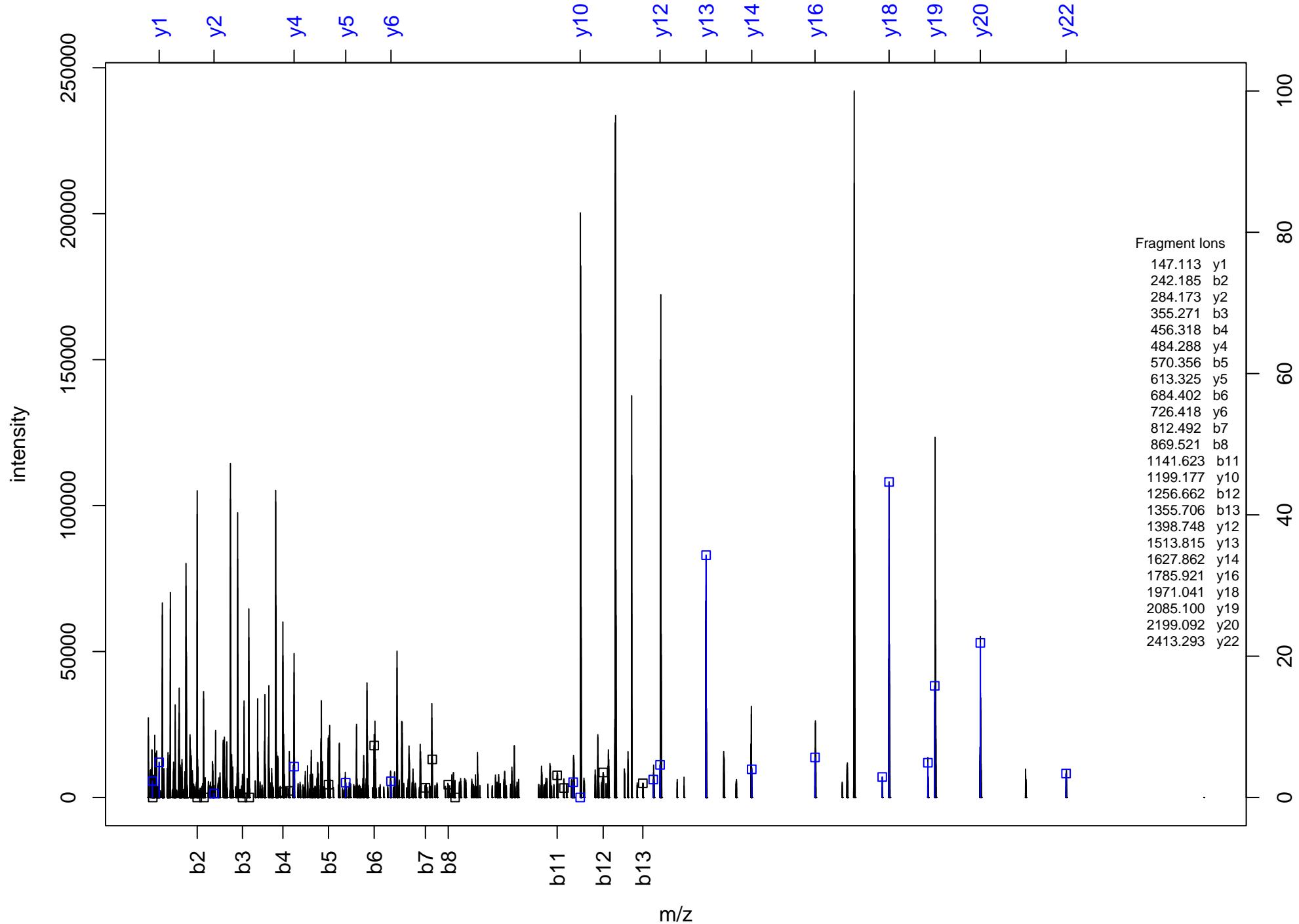
GNPSGIQPDLLISLTAPK



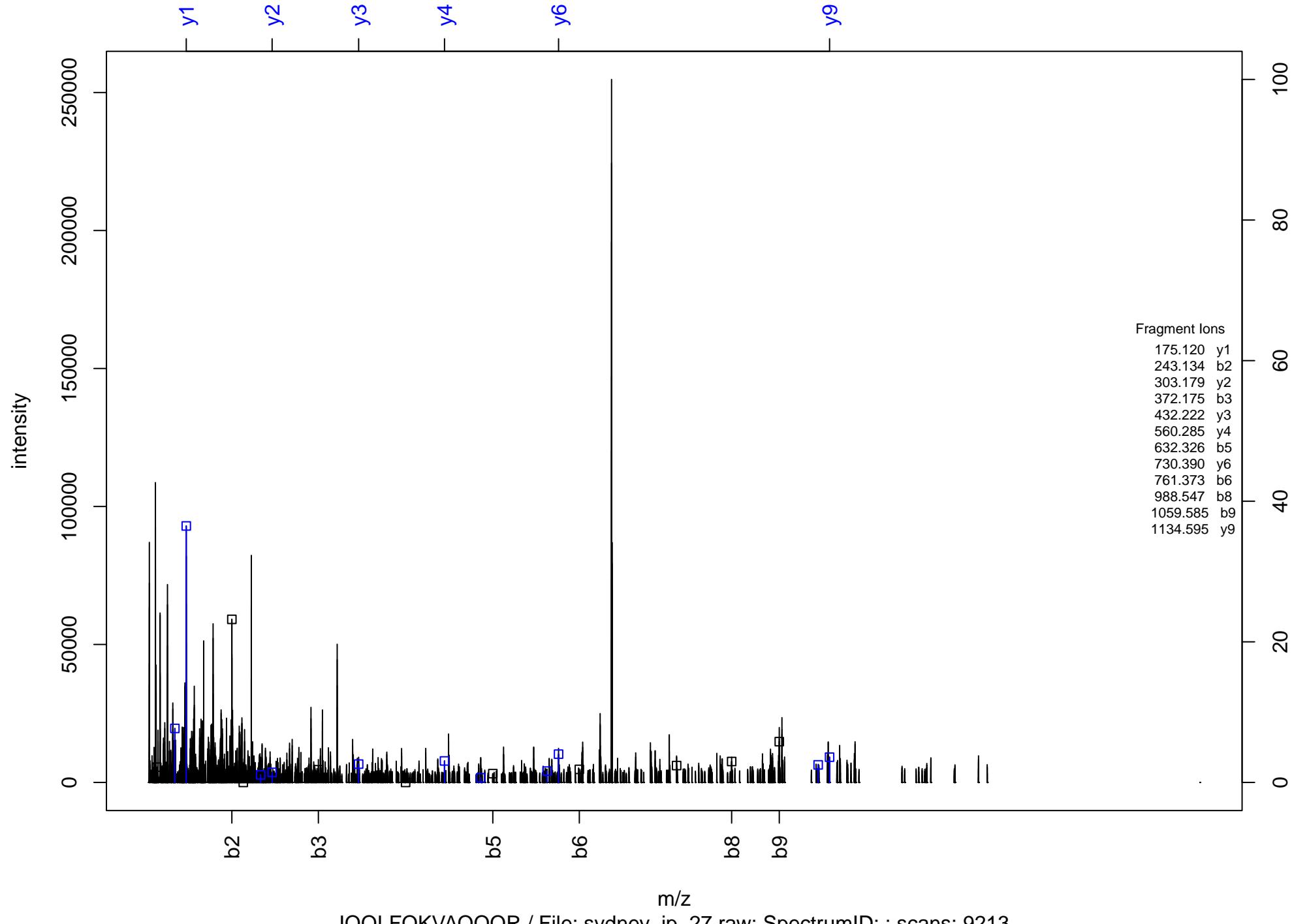
(Ac)M^{*}SEEKPQ^QSAEEPDRGEPK



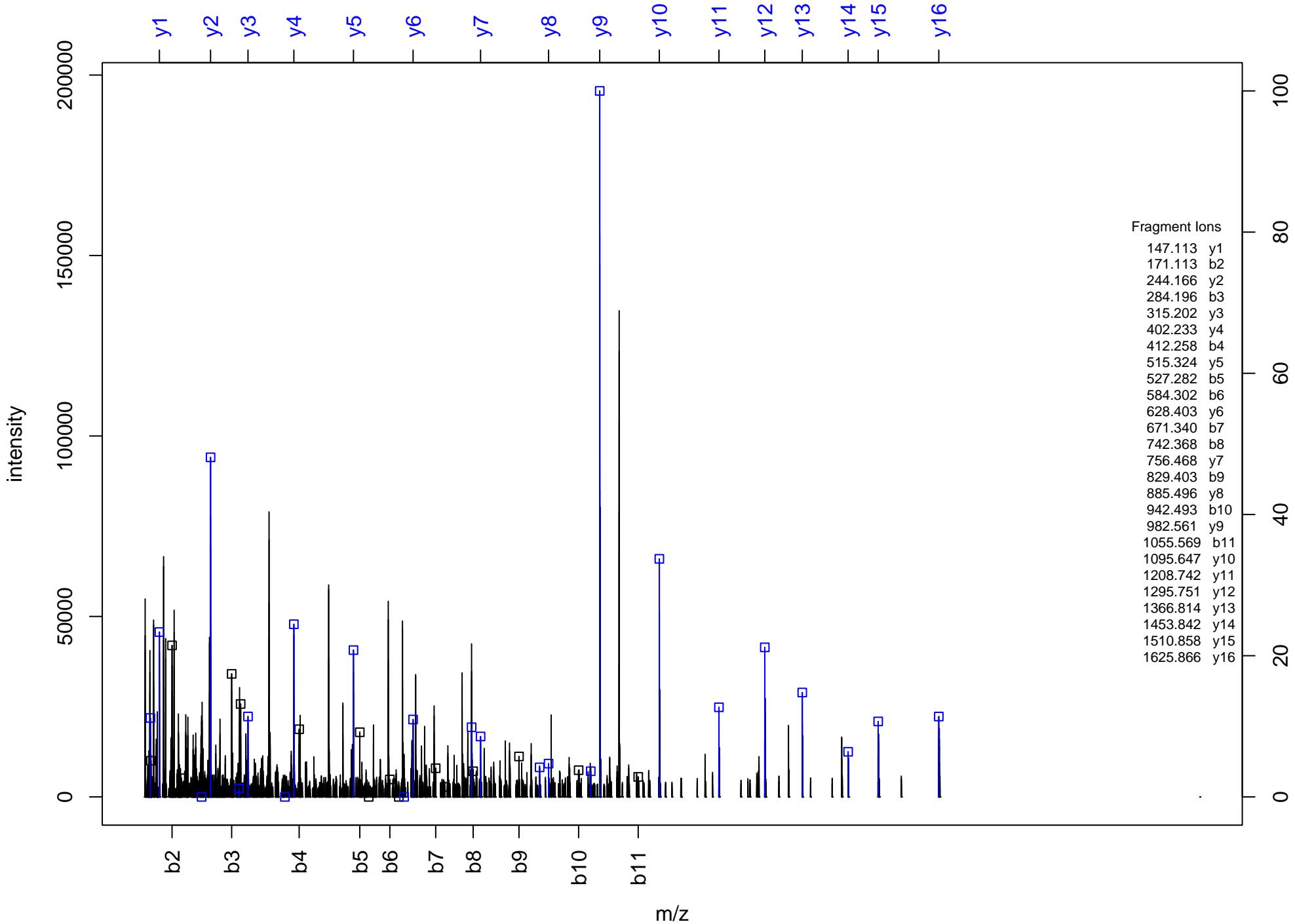
LKLTNNKGASNN^VTQ^MIVLQ^SLHK



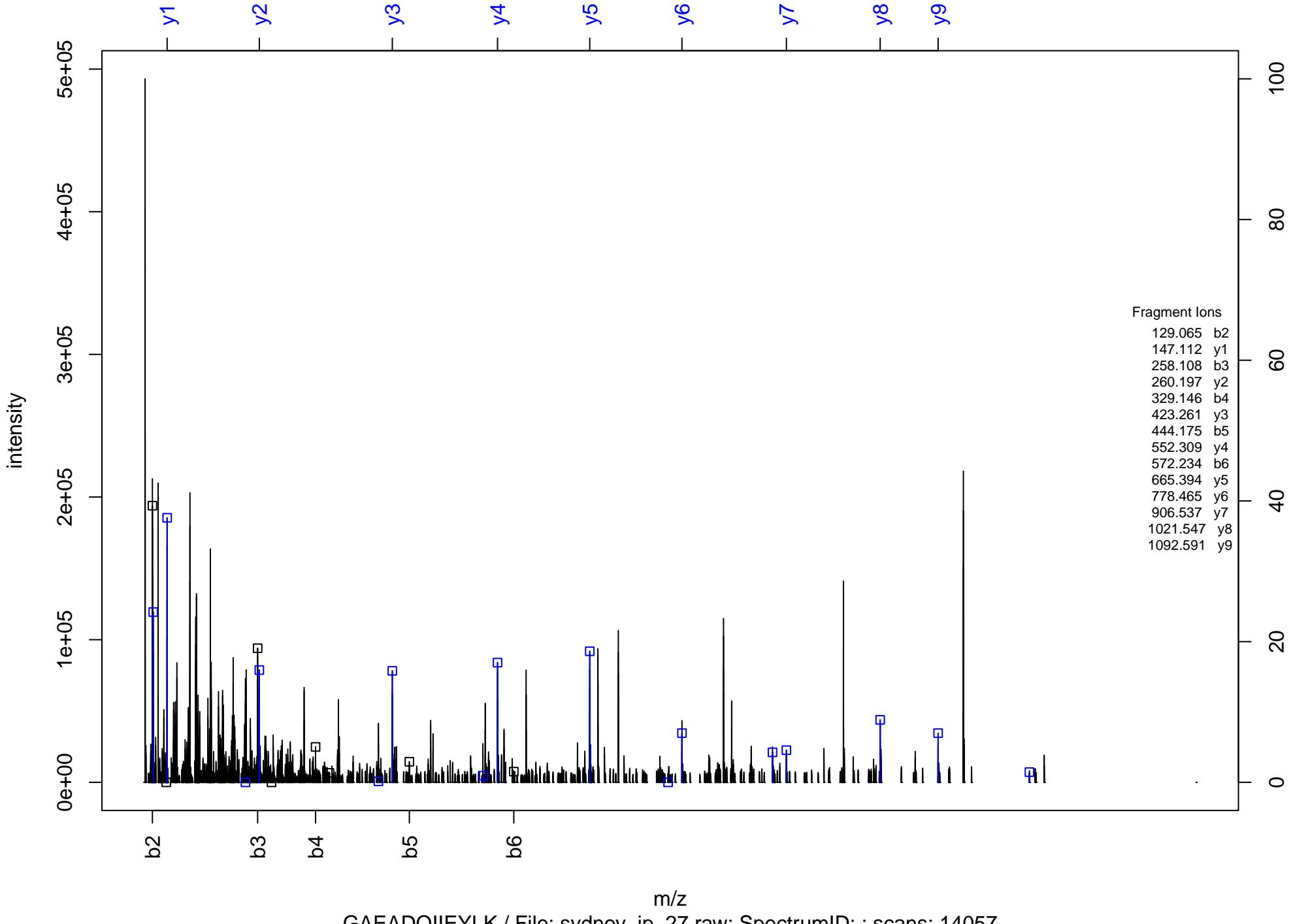
IQ^Q^LFQ^KVAQQ^QR



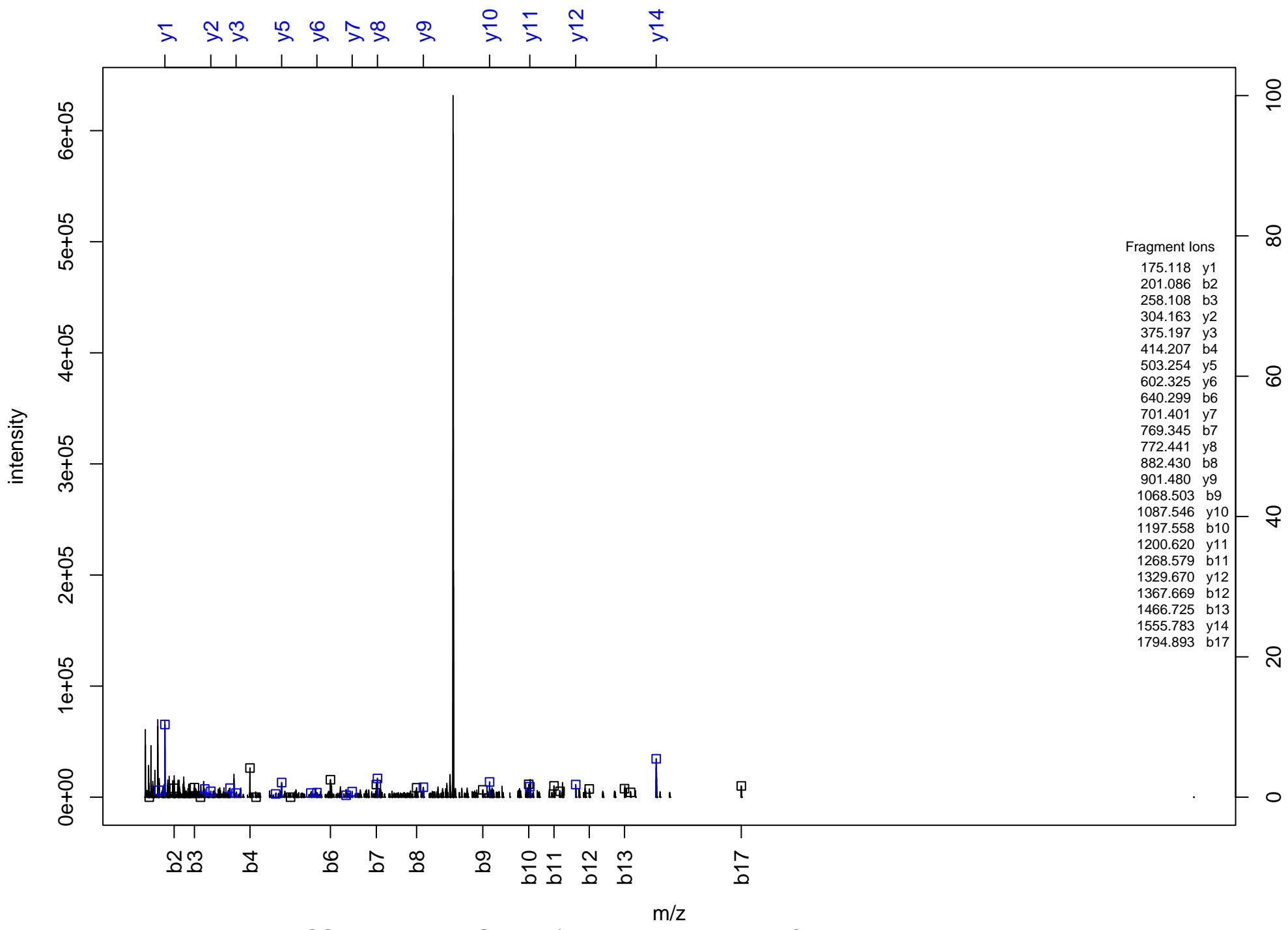
LGLQDGSA~~S~~LLPEQLLSAPK



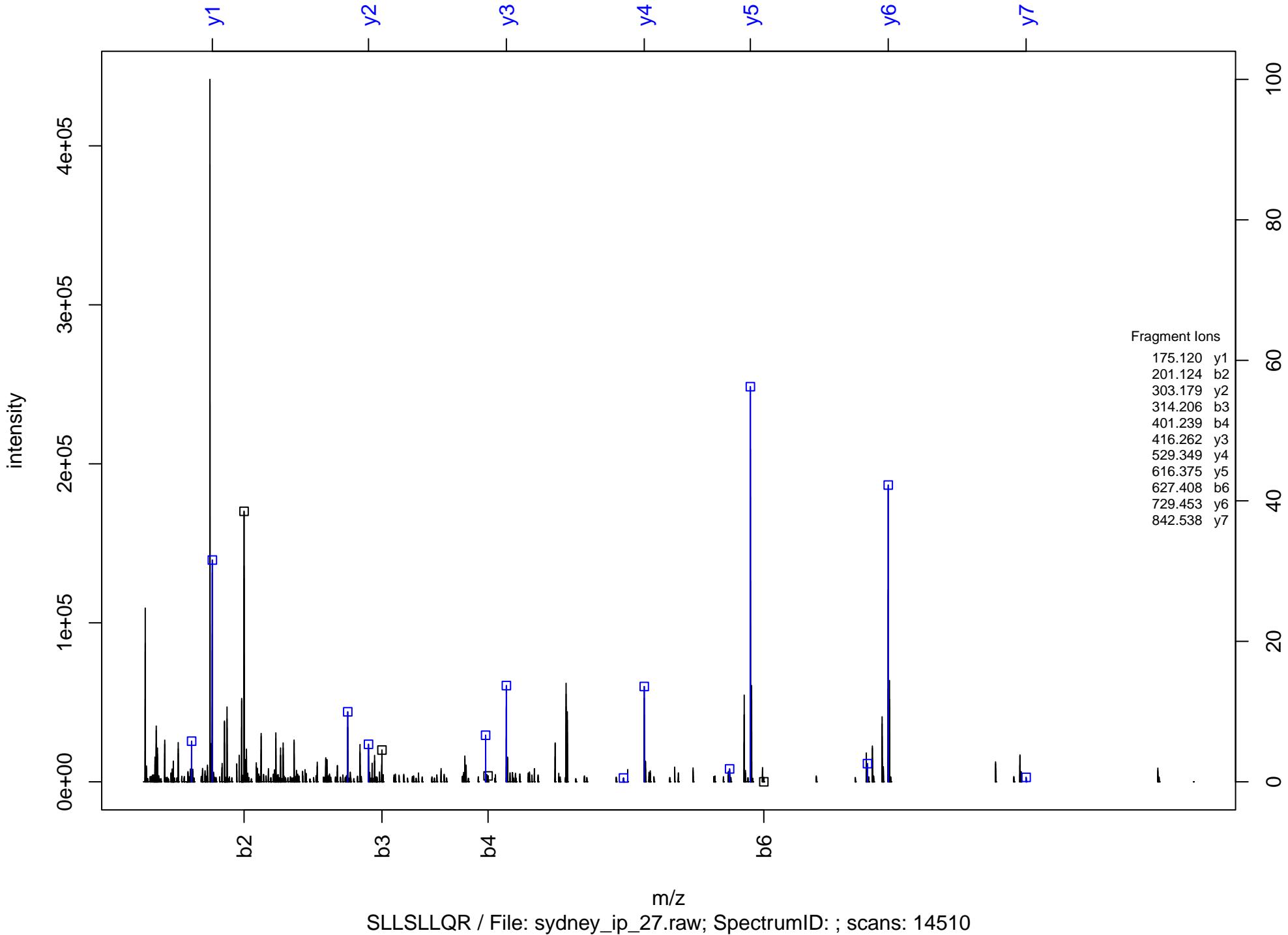
GAEADQIIEYLK



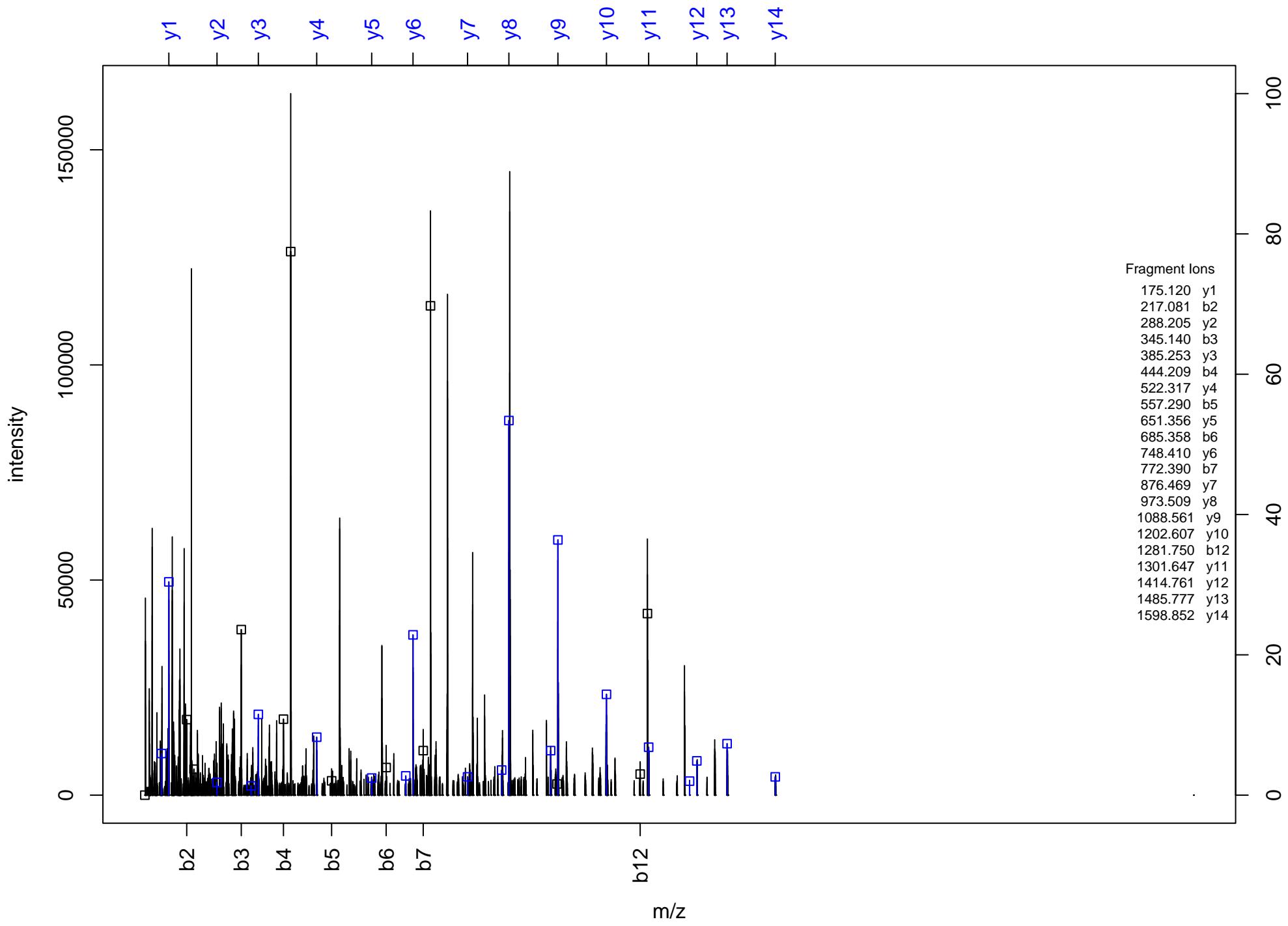
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SLLSLLQR

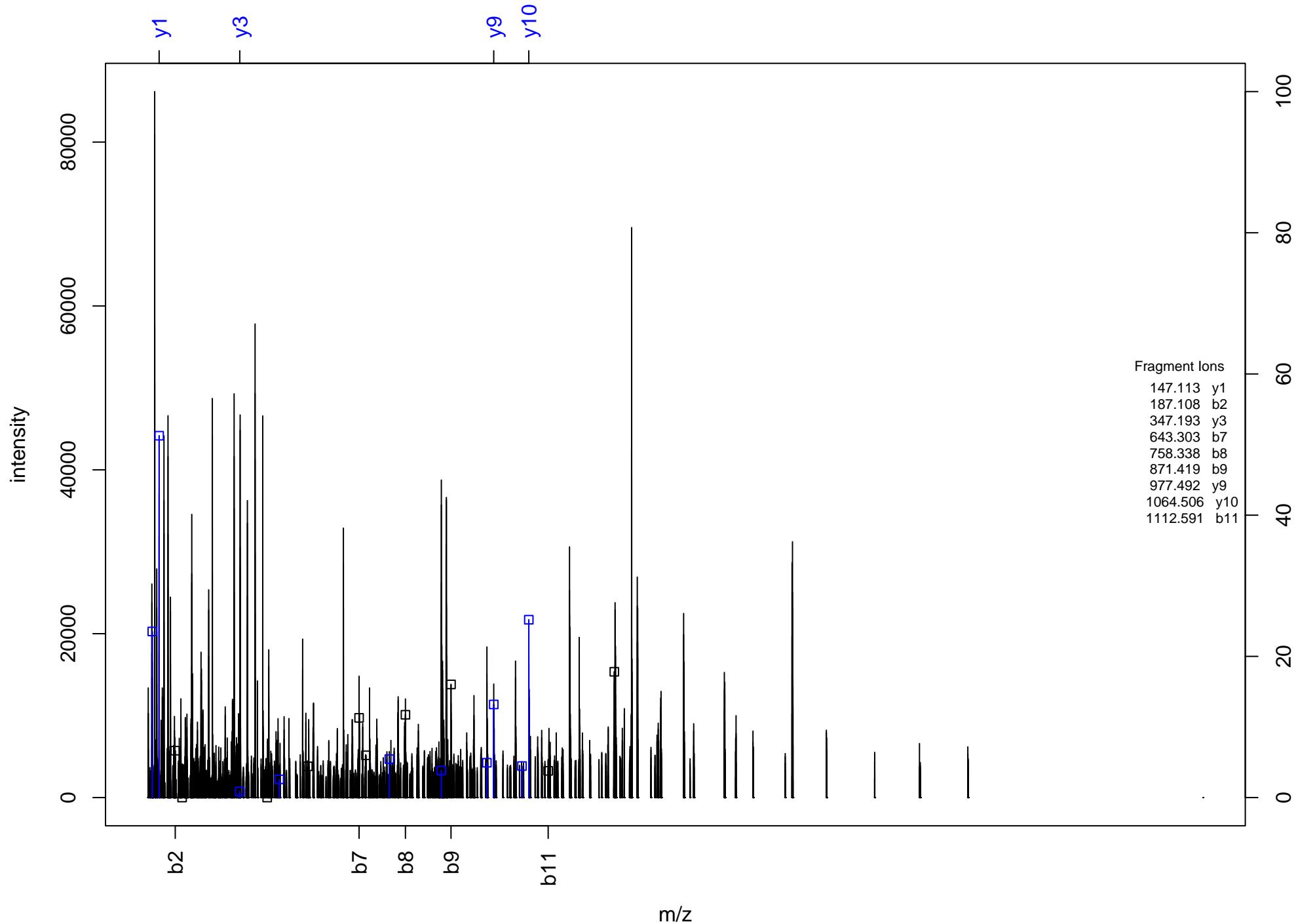


TDQVIQSLIALVNDPQPEHPLR

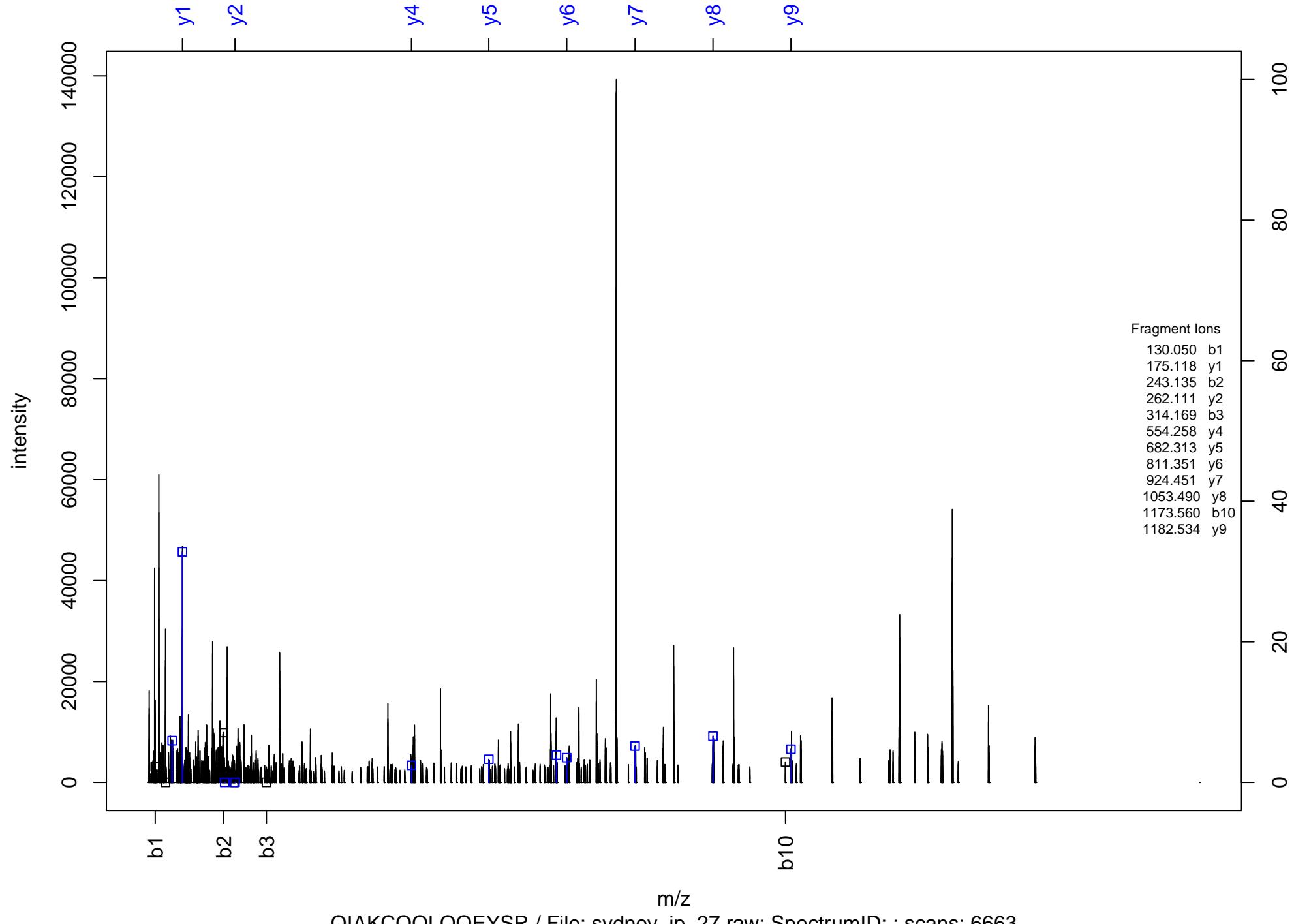


TDQVIQSLIALVNDPQPEHPLR / File: sydney_ip_27.raw; SpectrumID: ; scans: 20087

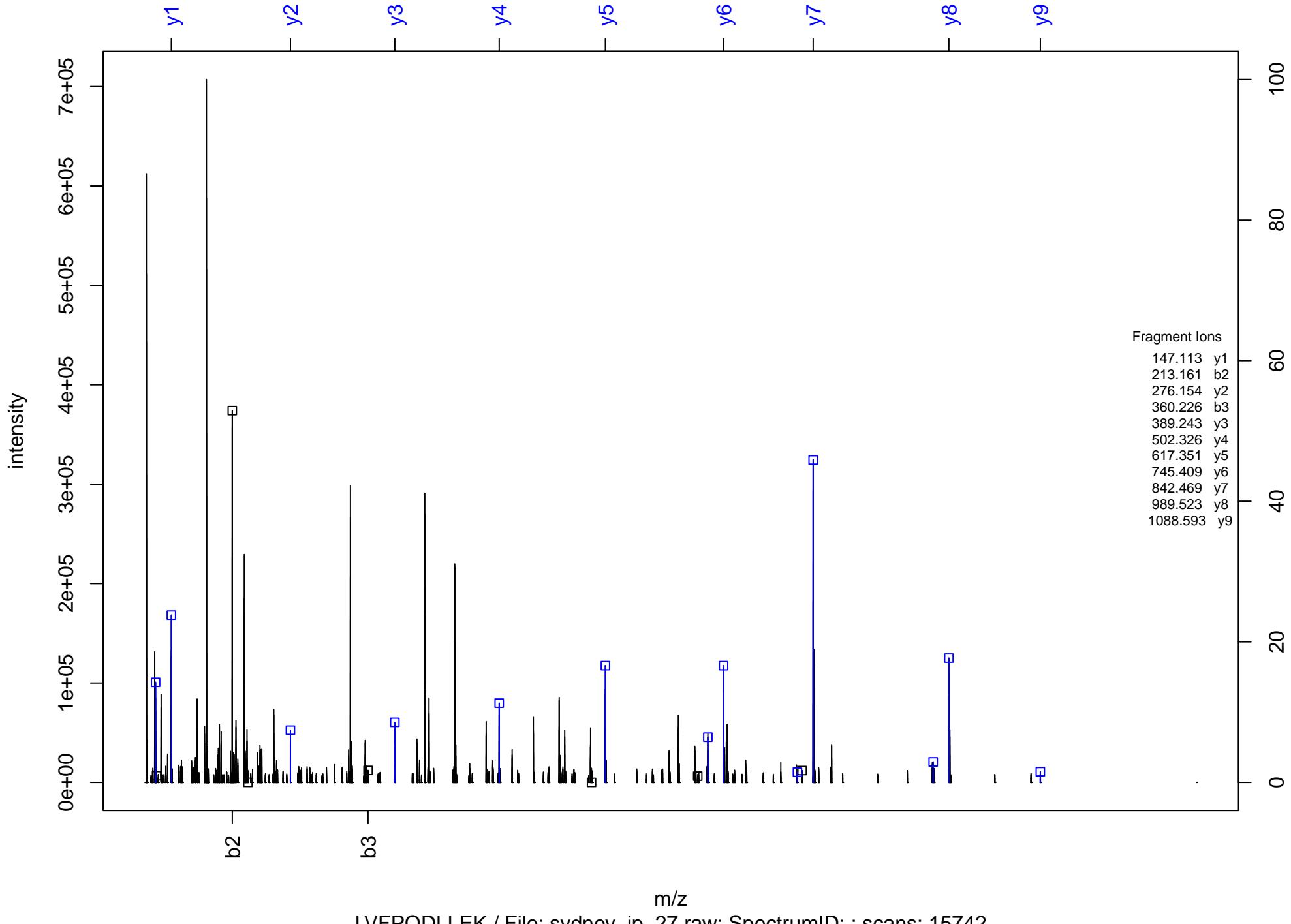
SVNPTGSDILKM*EWSIQ^ATTN^AQ^K



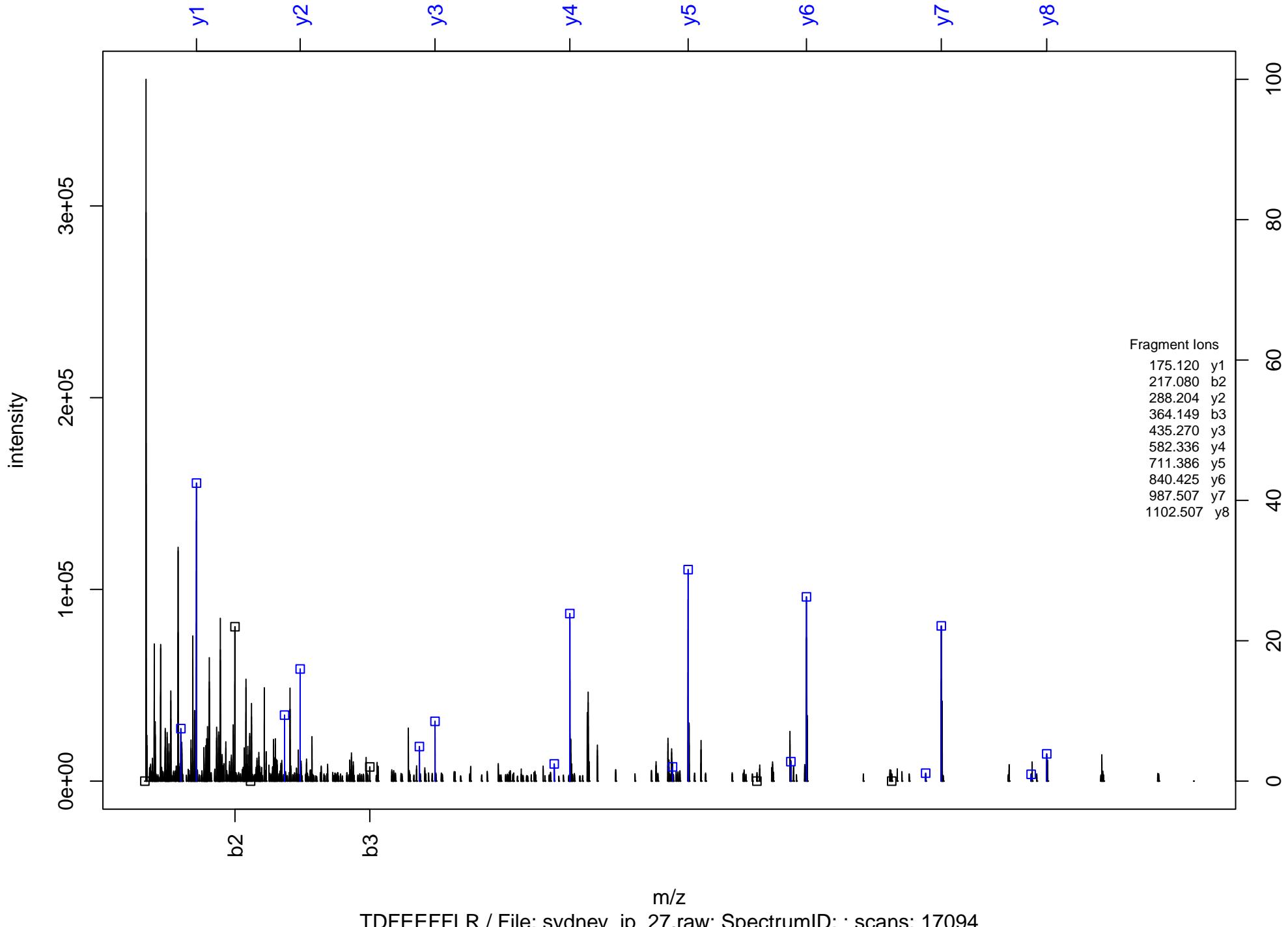
Q^IAKCQ^Q^LQ^QEYSR



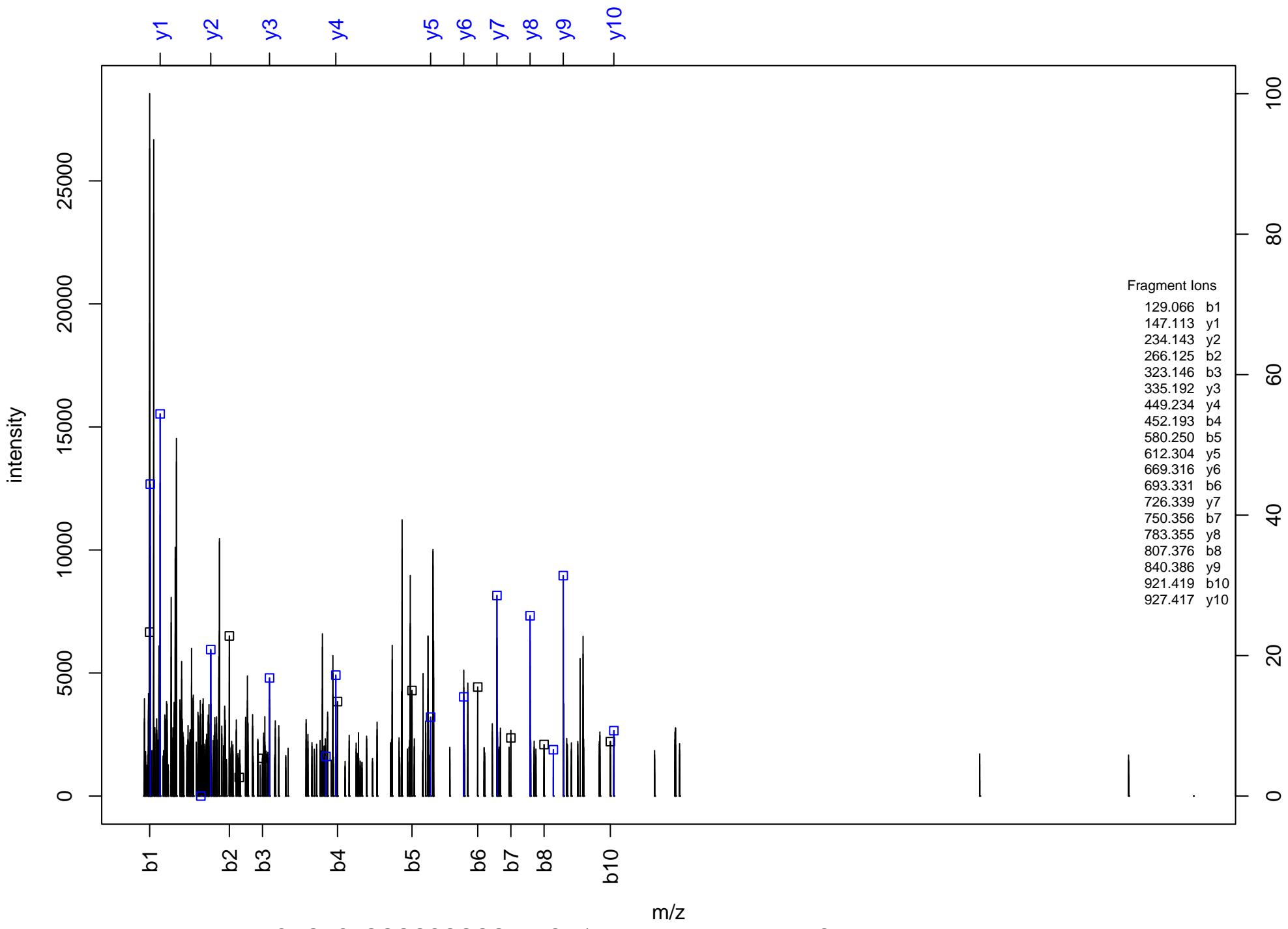
LVFPQDLLEK



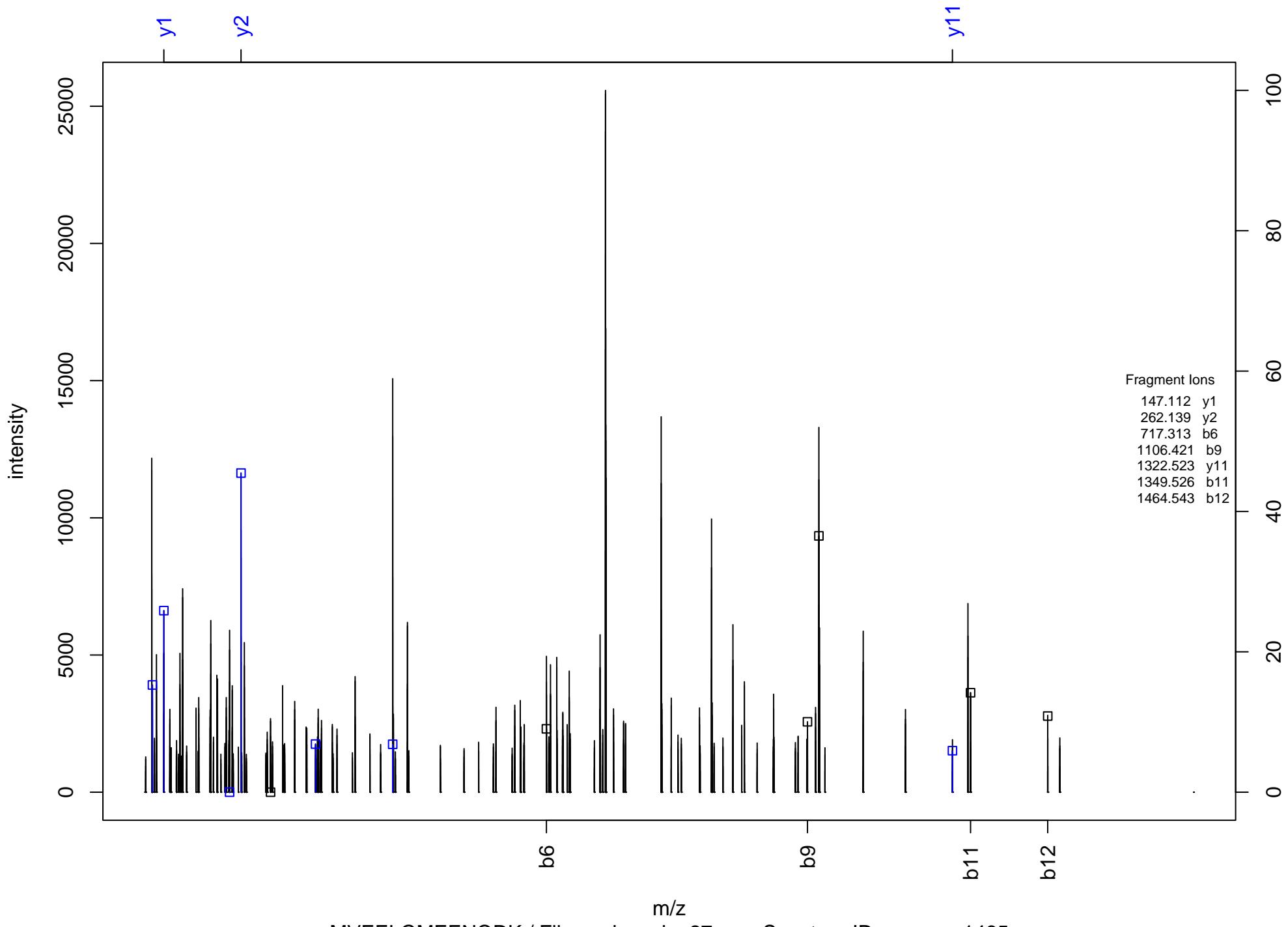
TDFFEEFFLR



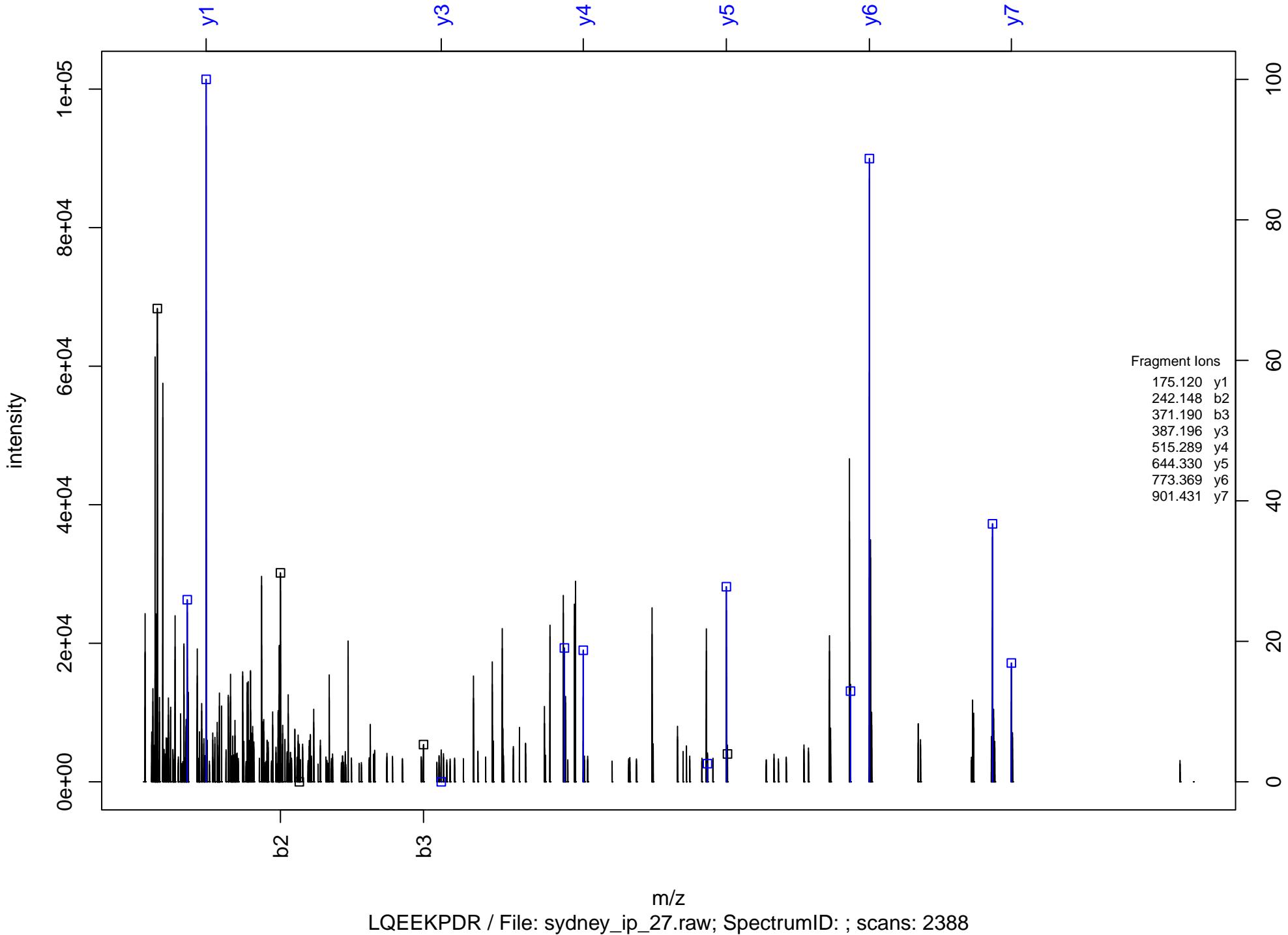
QHGEQLGGGGSGGGGYNTSK



(Ac)M^{*}VEELGMEEN[^]QDK

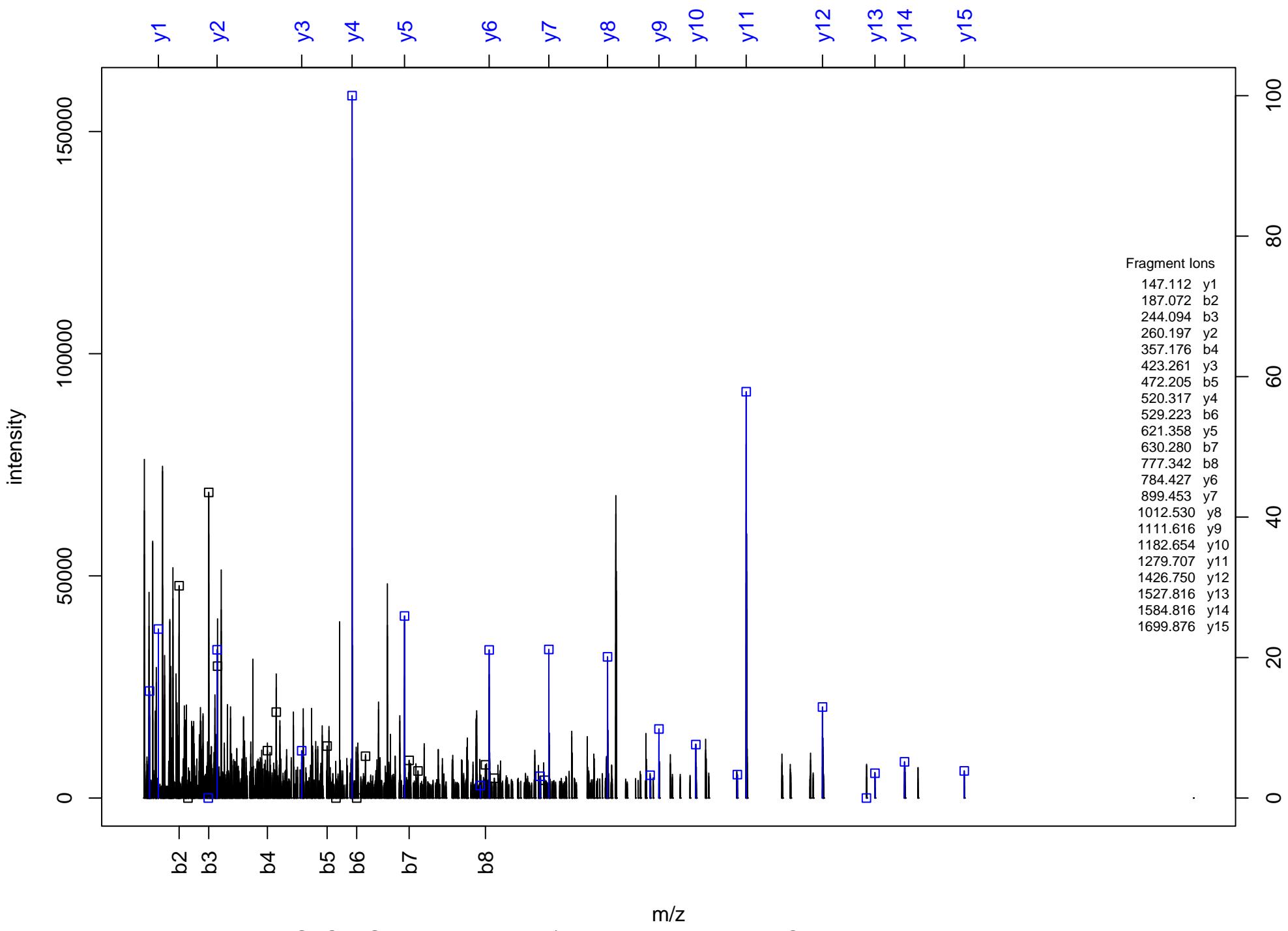


LQEEKPDR

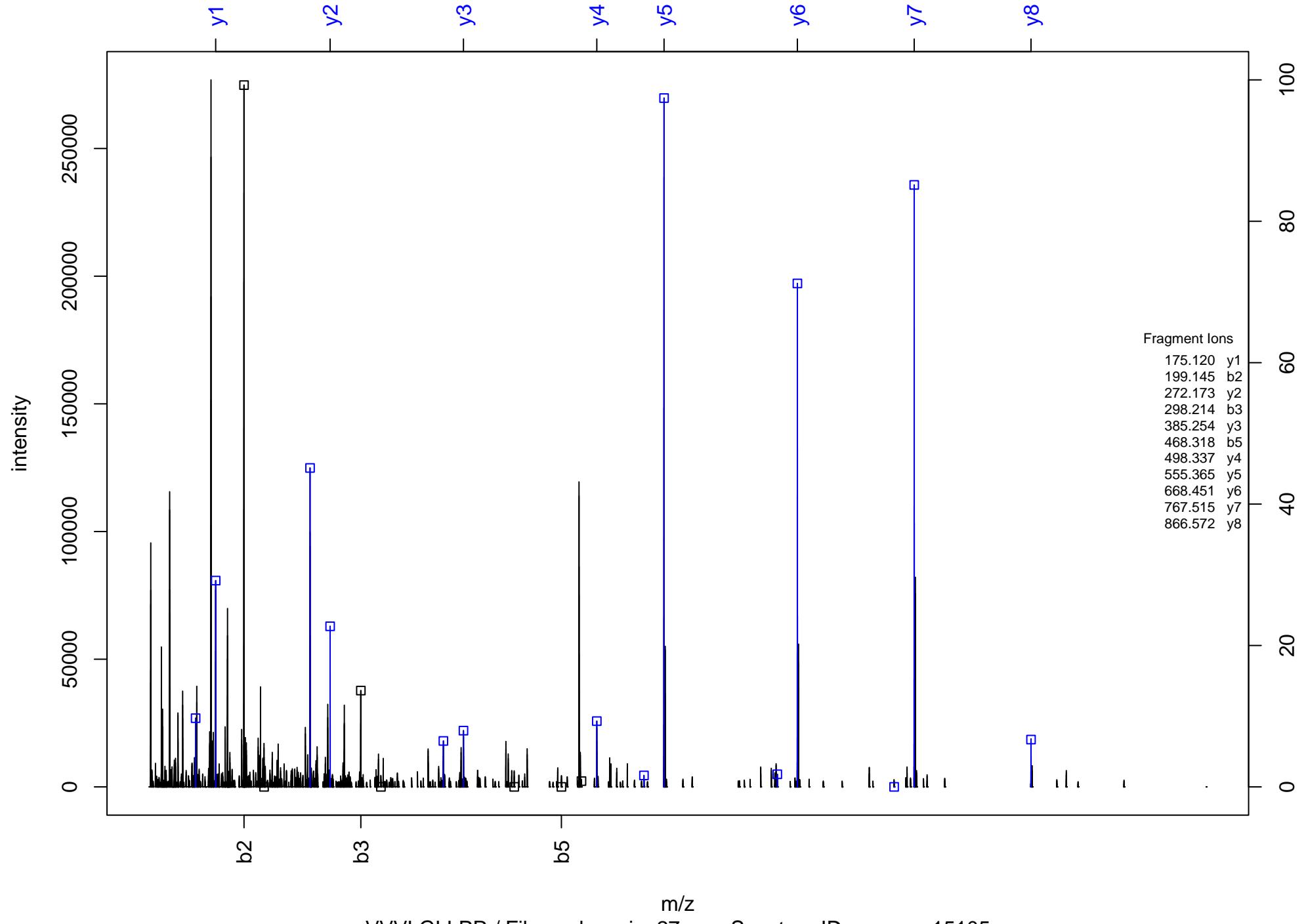


Fragment Ions	
175.120	y_1
242.148	b_2
371.190	b_3
387.196	y_3
515.289	y_4
644.330	y_5
773.369	y_6
901.431	y_7

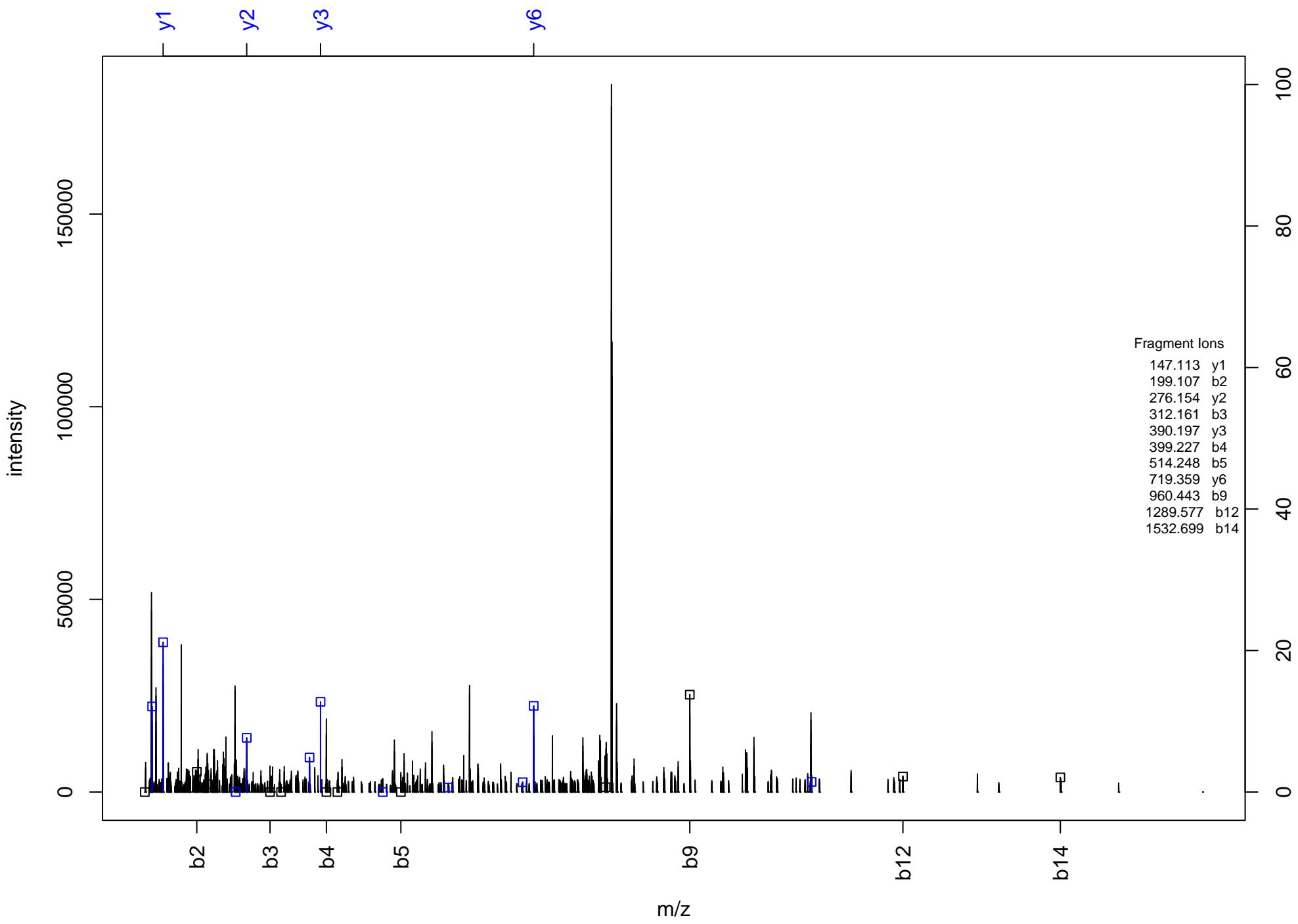
GEGLDGTFPAAVIDYTPYLK



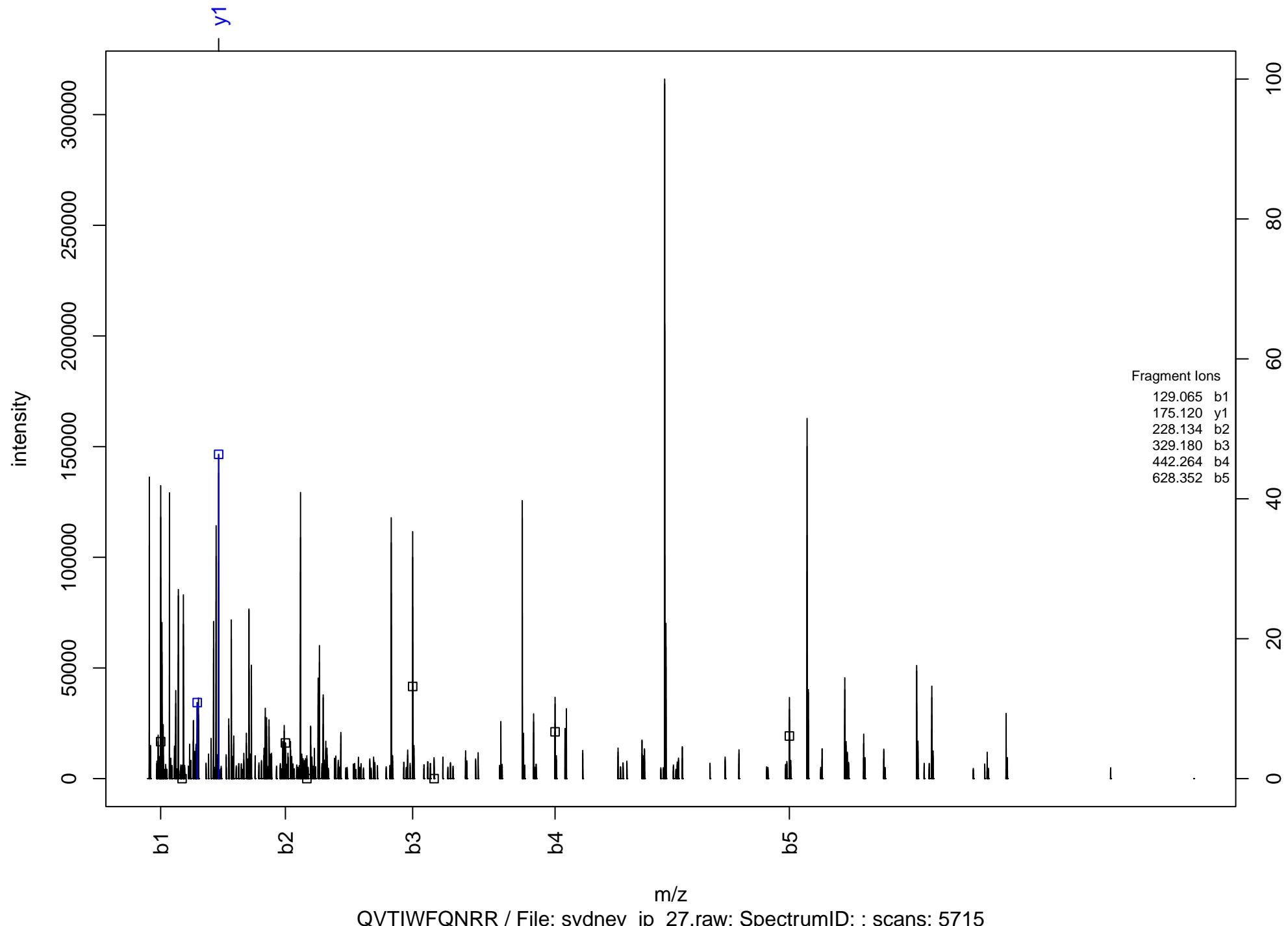
VVVLGLLPR



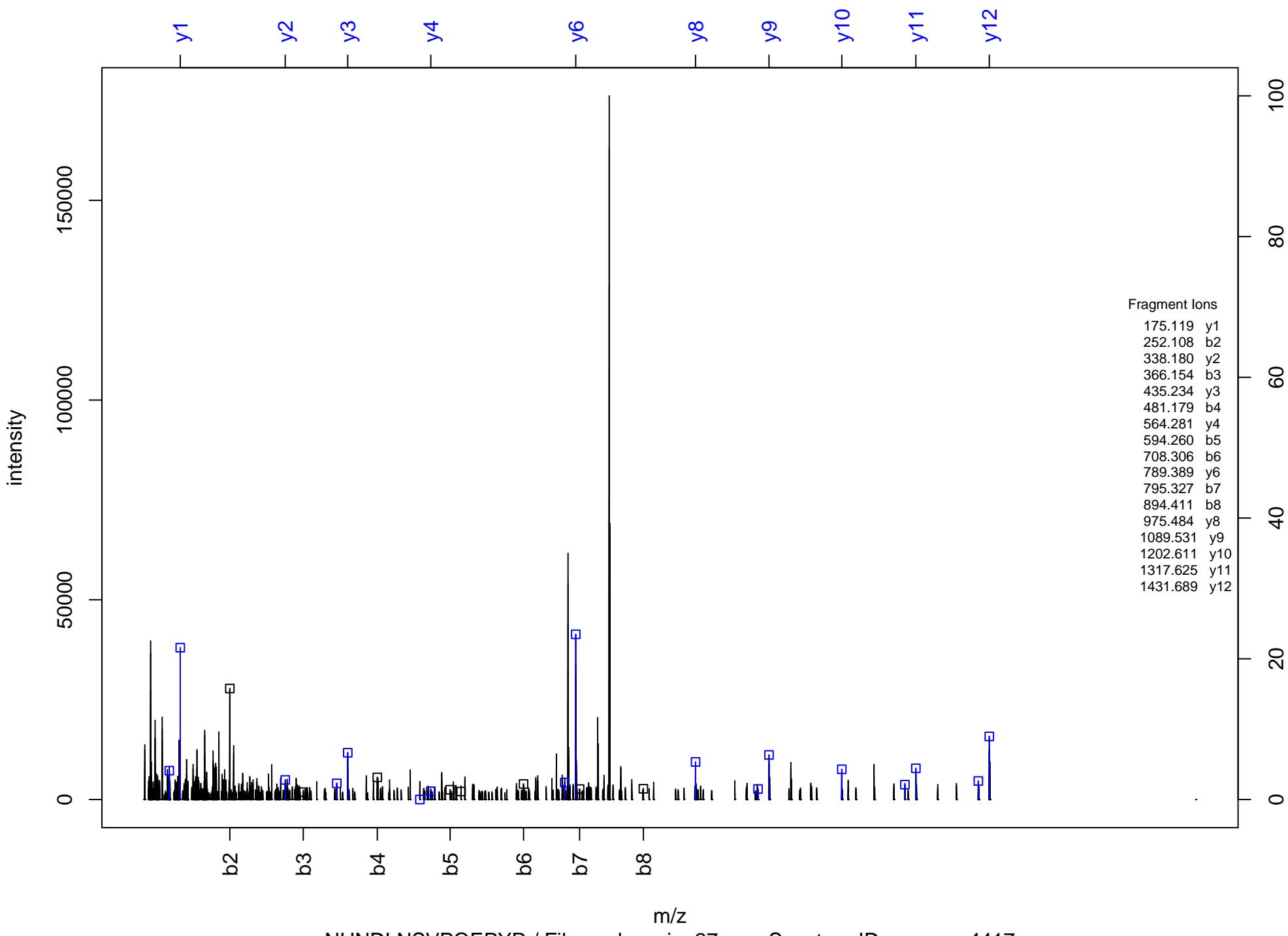
TPLSDLQ^AGM^{*}N^ATLNEK



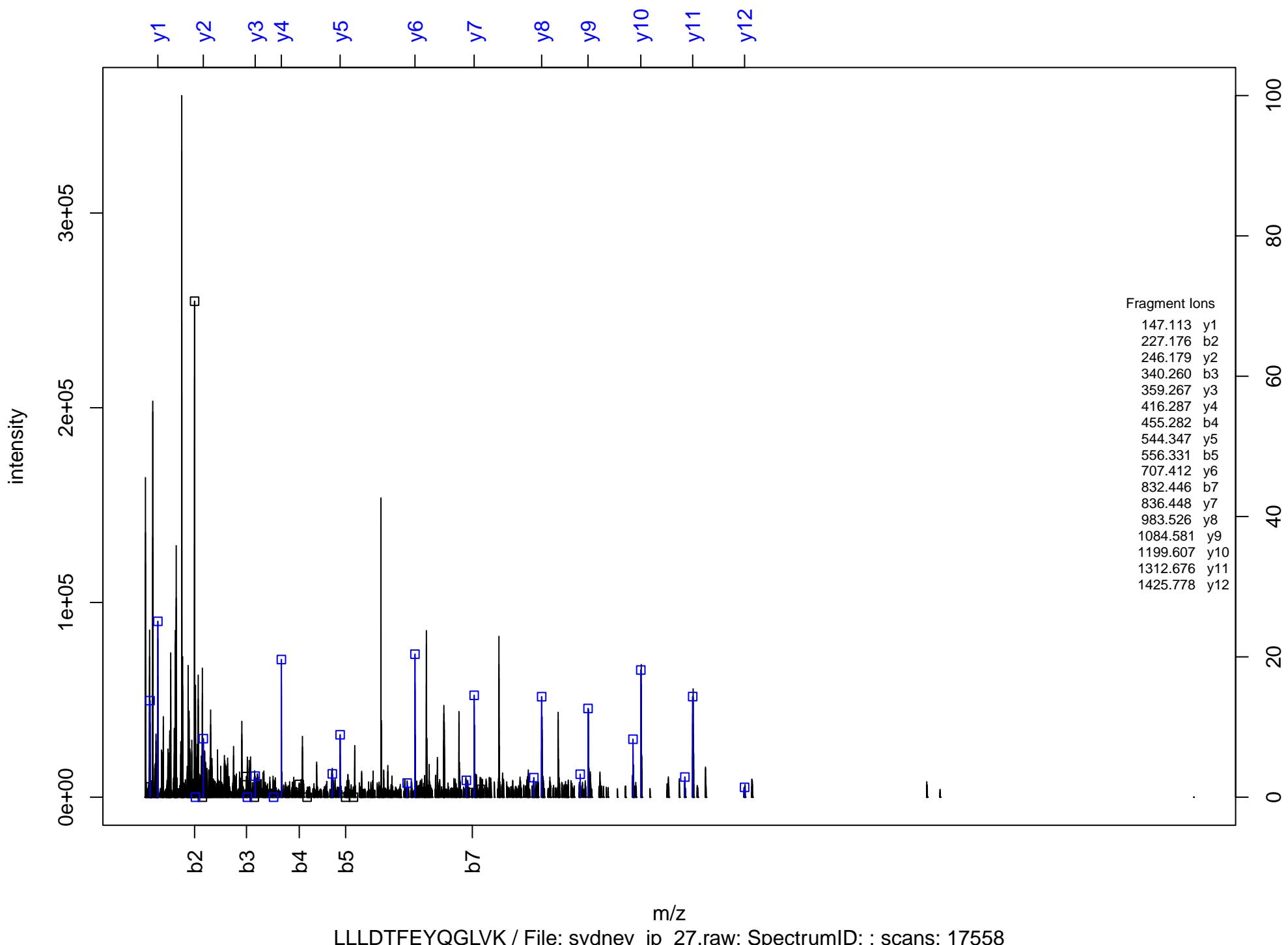
QVTIWFQ^N^RR



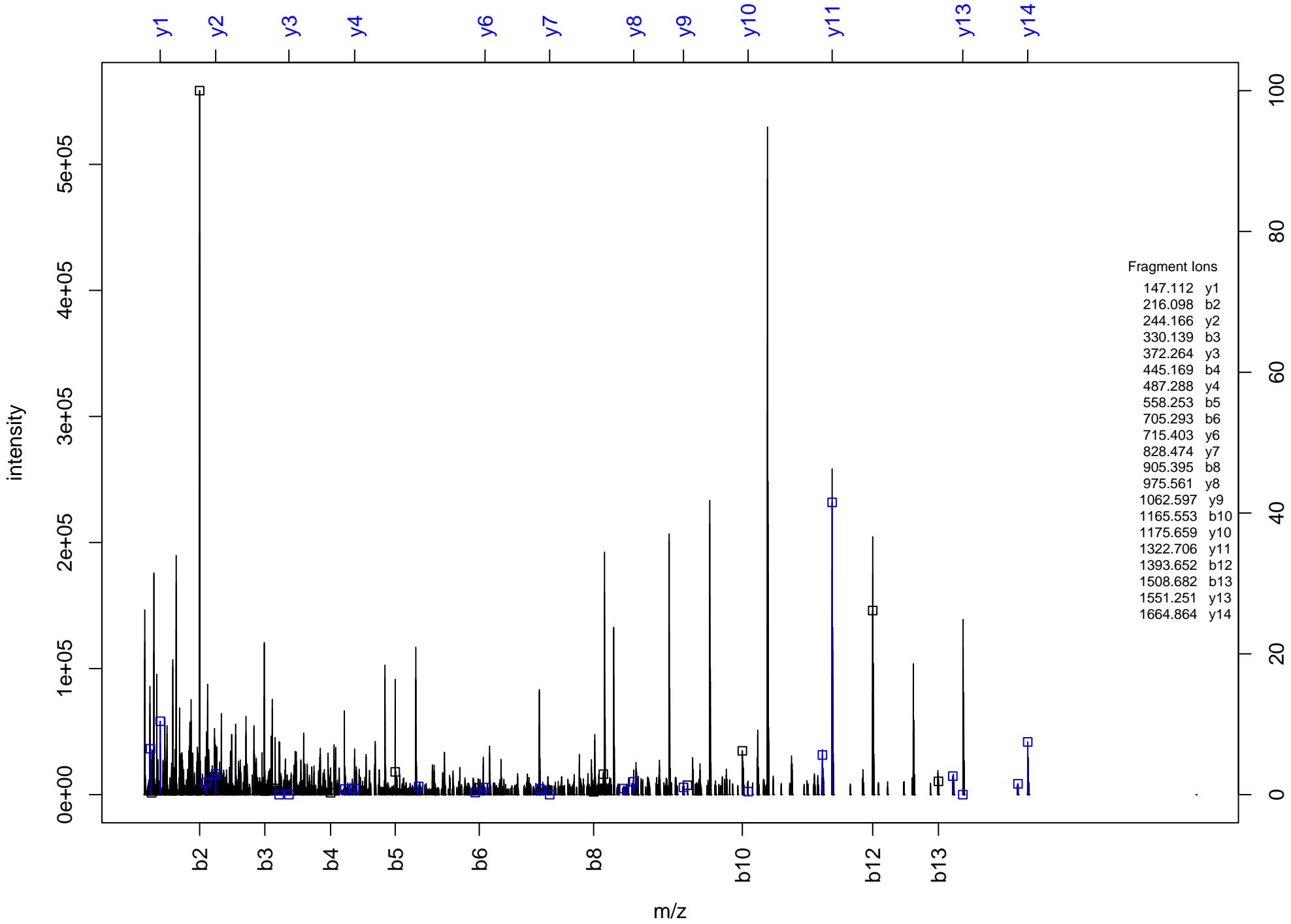
NHNDLNSVPQE PYR



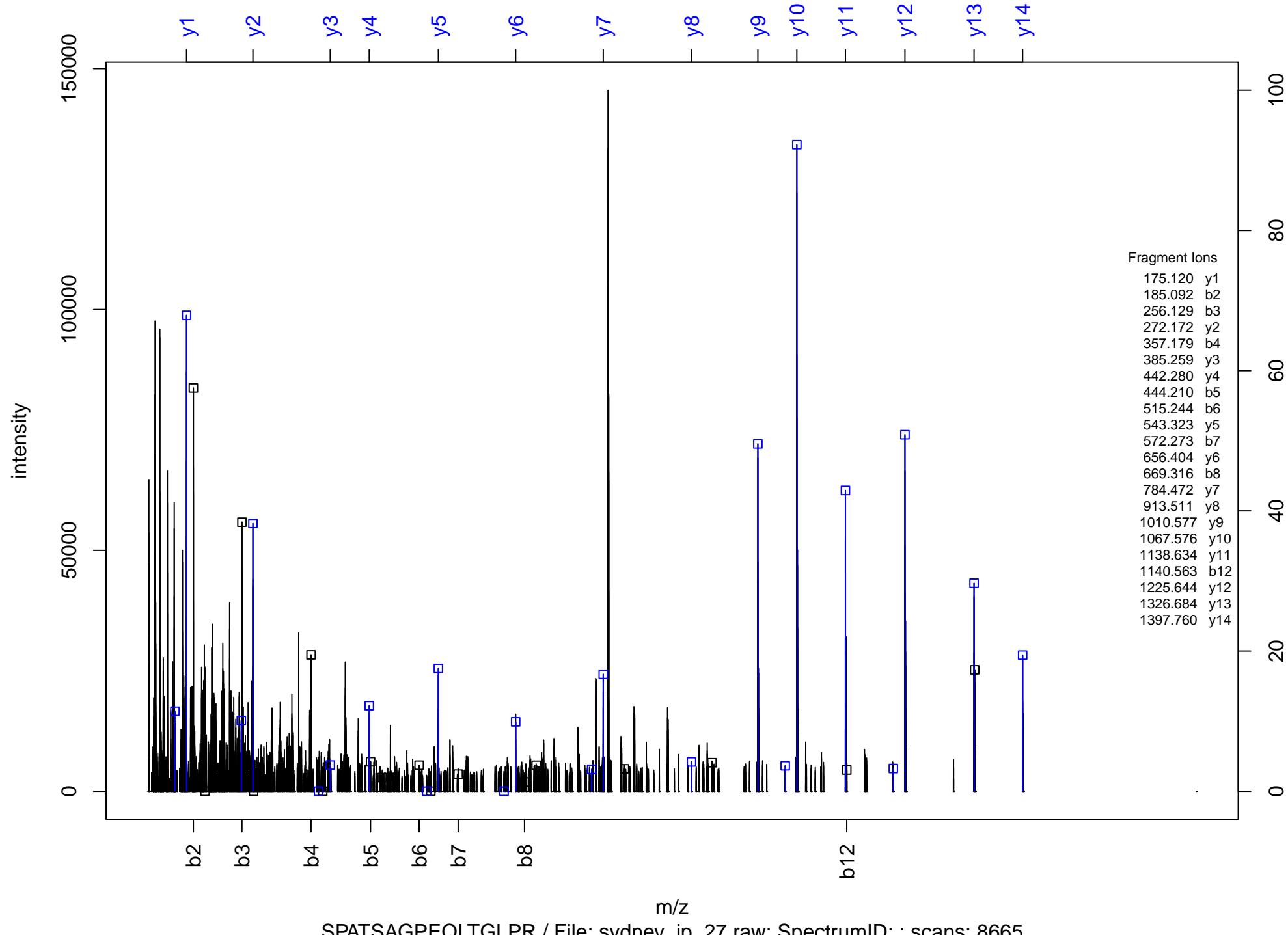
LLLDTFEYQGLVK



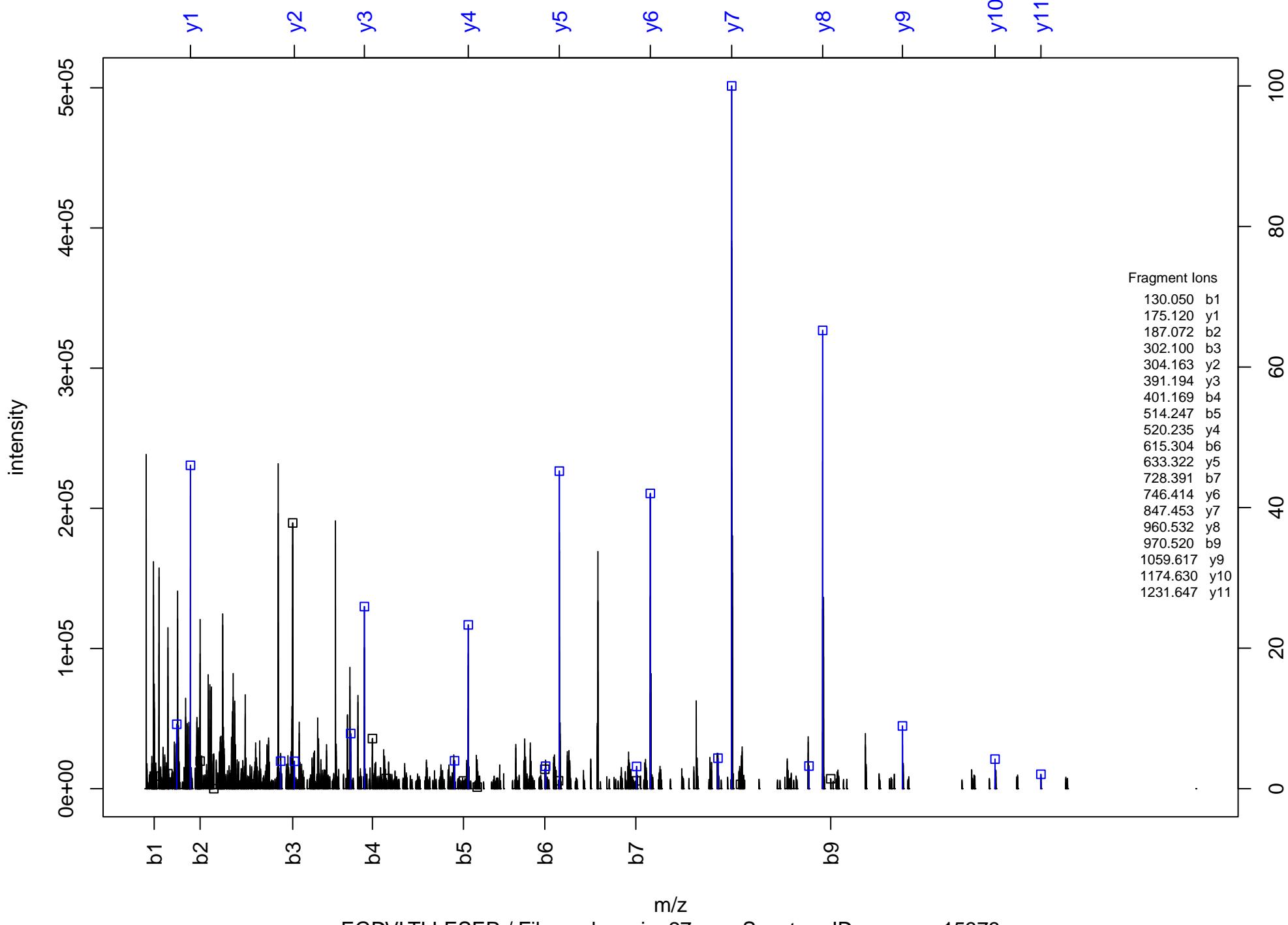
NTNDLM*LSFIVEDKPK



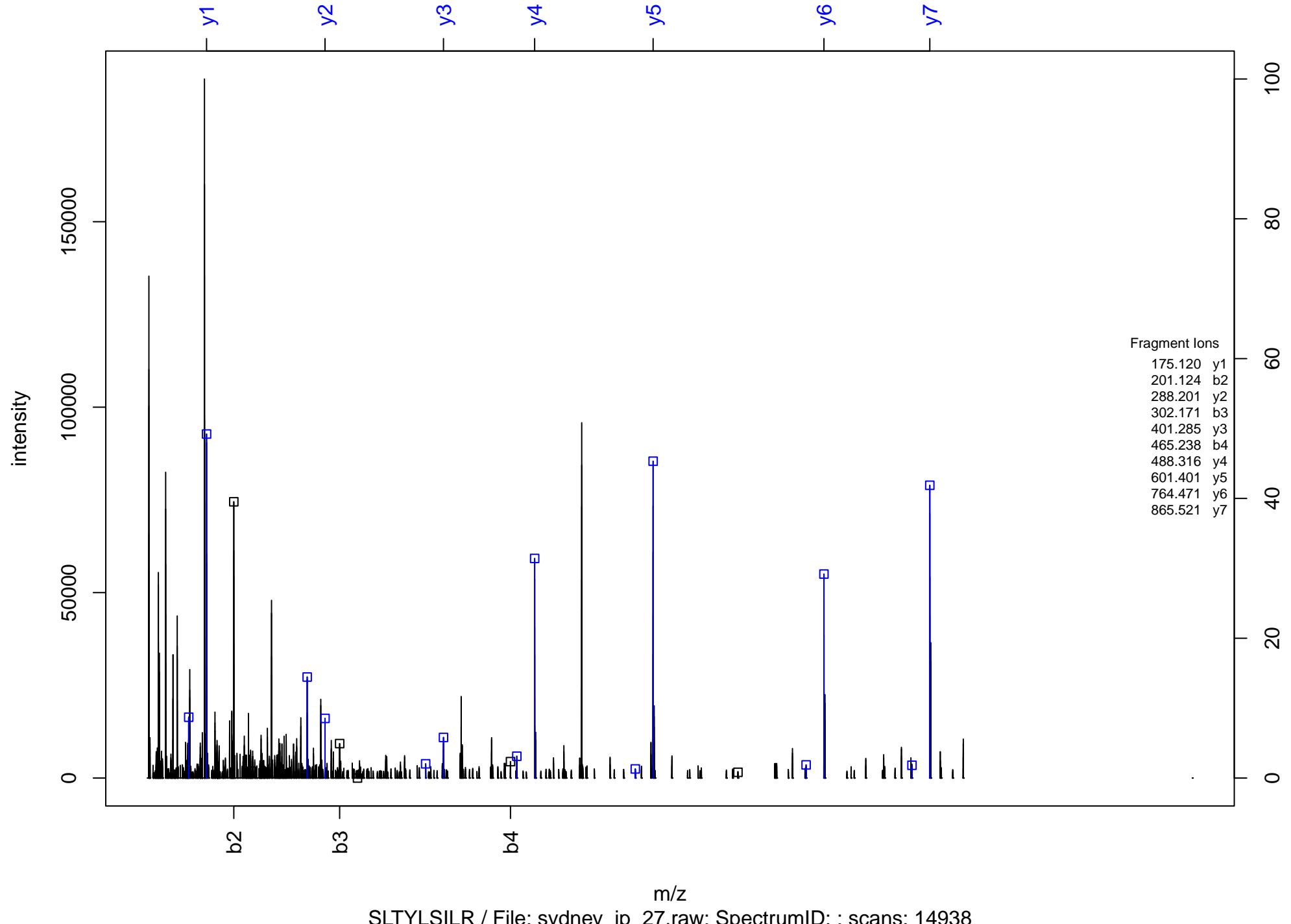
SPATSAGPEQLTGLPR



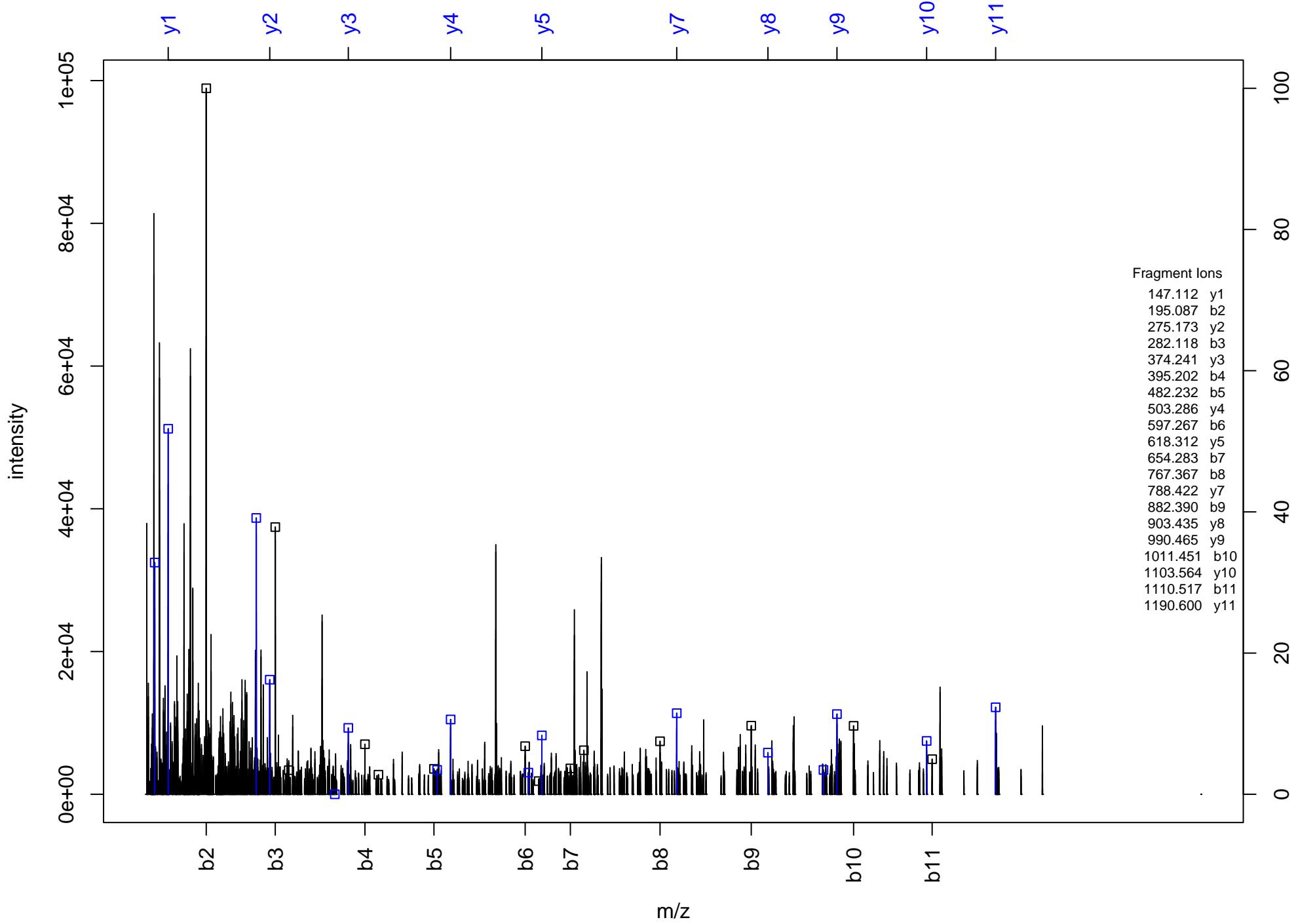
EGDVLTLLSER



SLTYLSILR

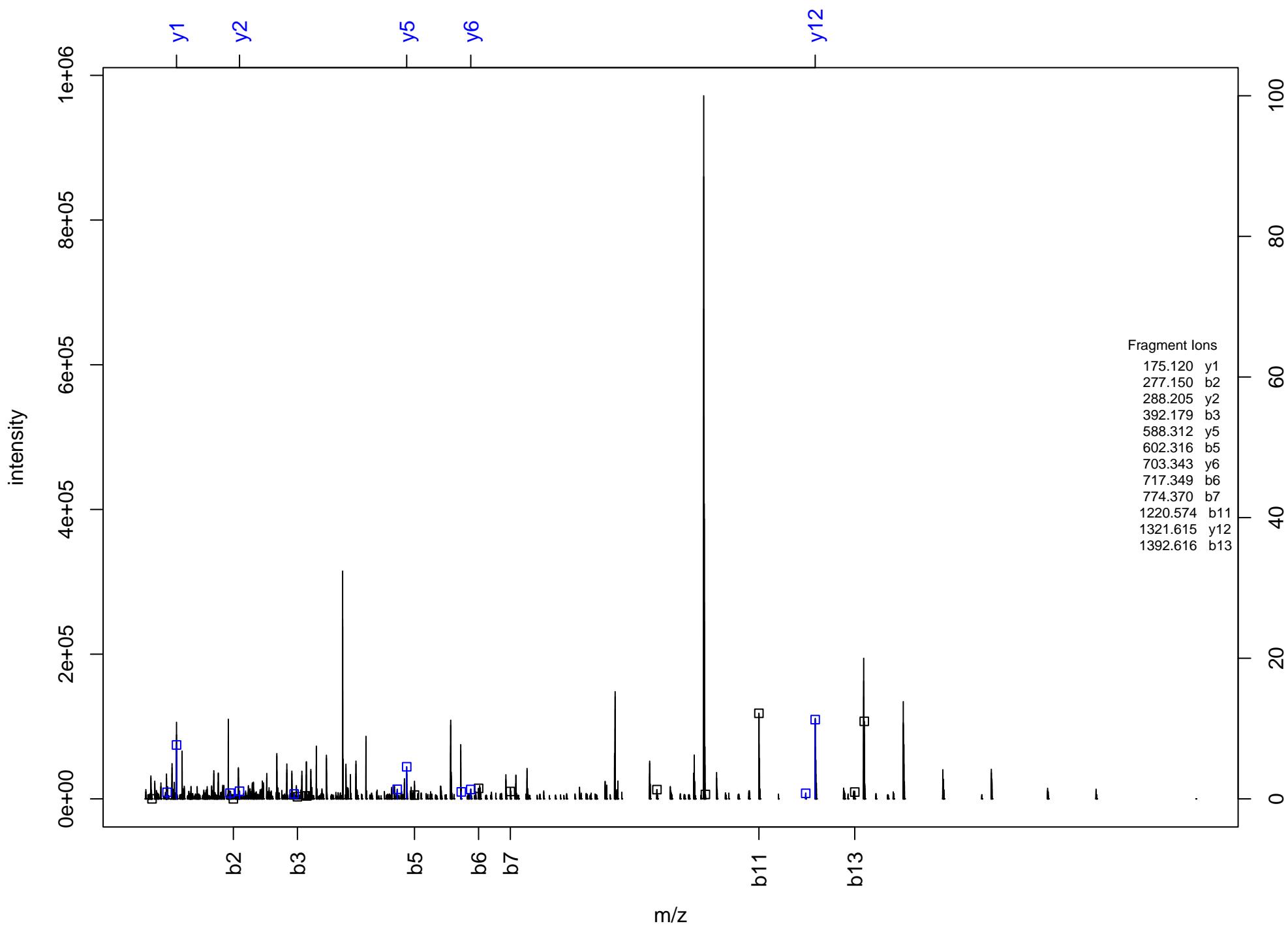


GHSLSDGLDEVQK



GHSLSDGLDEVQK / File: sydney_ip_27.raw; SpectrumID: ; scans: 4532

LYDPLDGGM*VSIDGQDIR

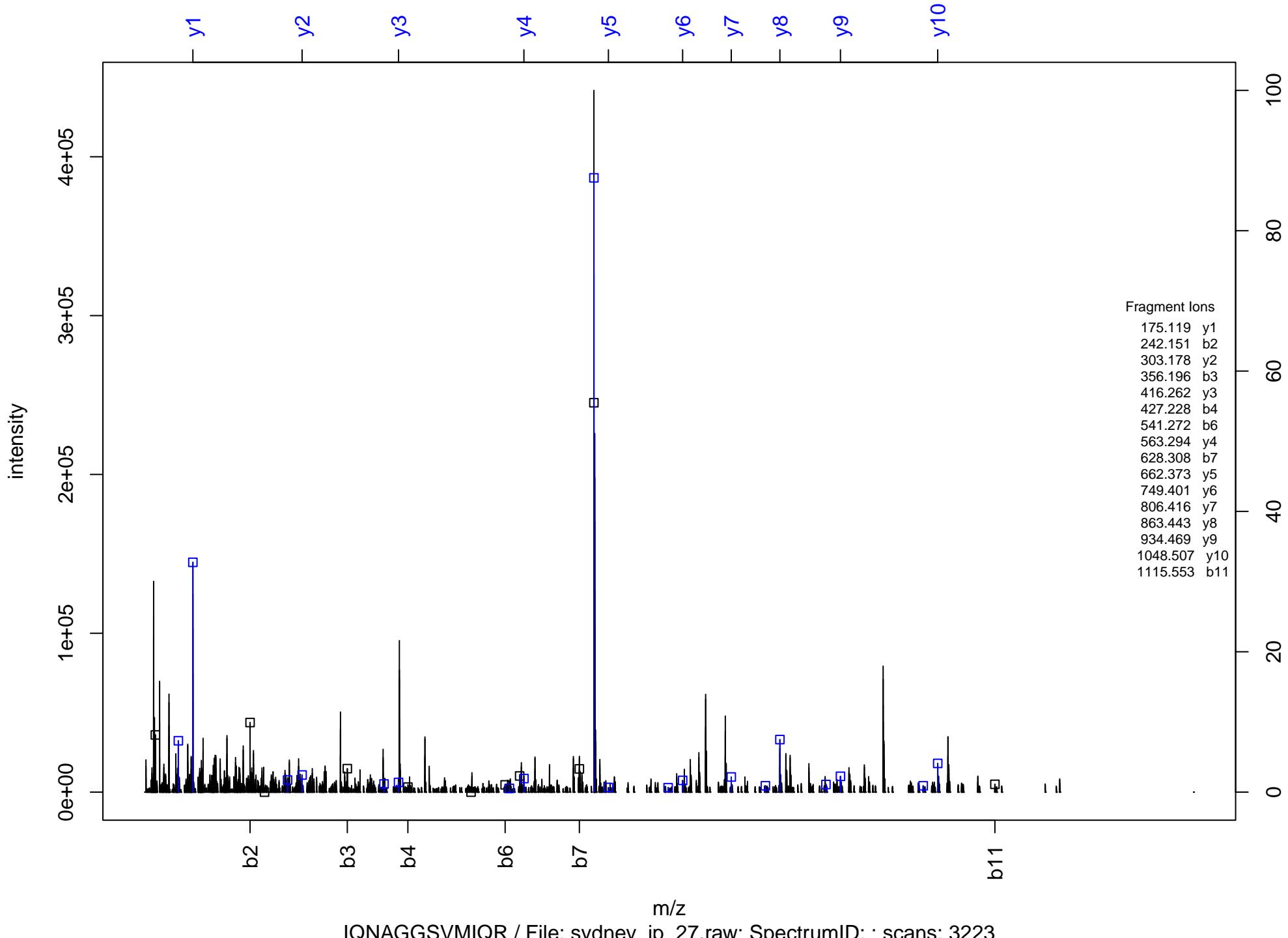


Fragment Ions

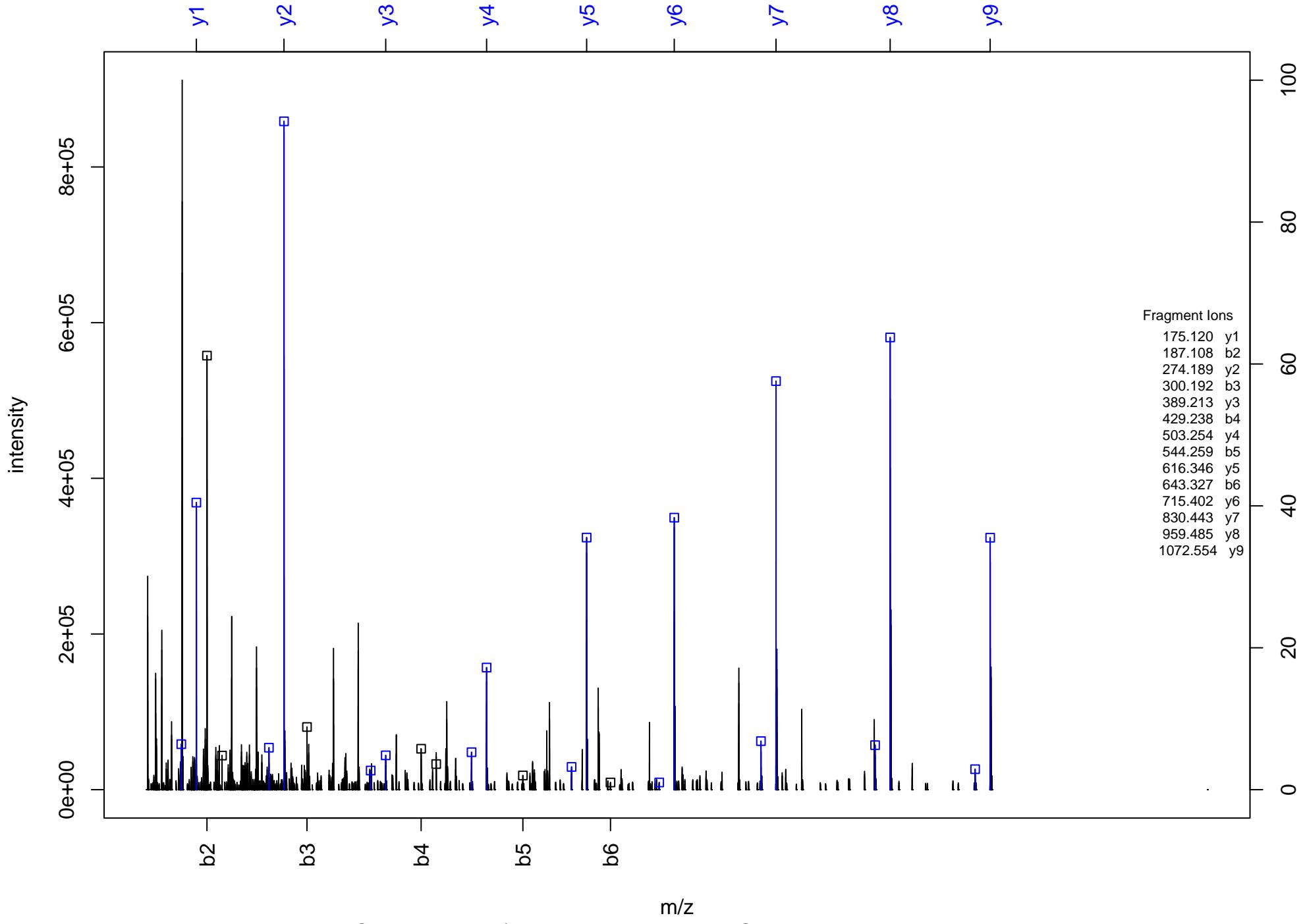
175.120	y1
277.150	b2
392.179	y2
588.312	y5
602.316	b5
703.343	y6
717.349	b6
774.370	b7
1220.574	b11
1321.615	y12
1392.616	b13

LYDPLDGGM*VSIDGQDIR / File: sydney_ip_27.raw; SpectrumID: ; scans: 6824

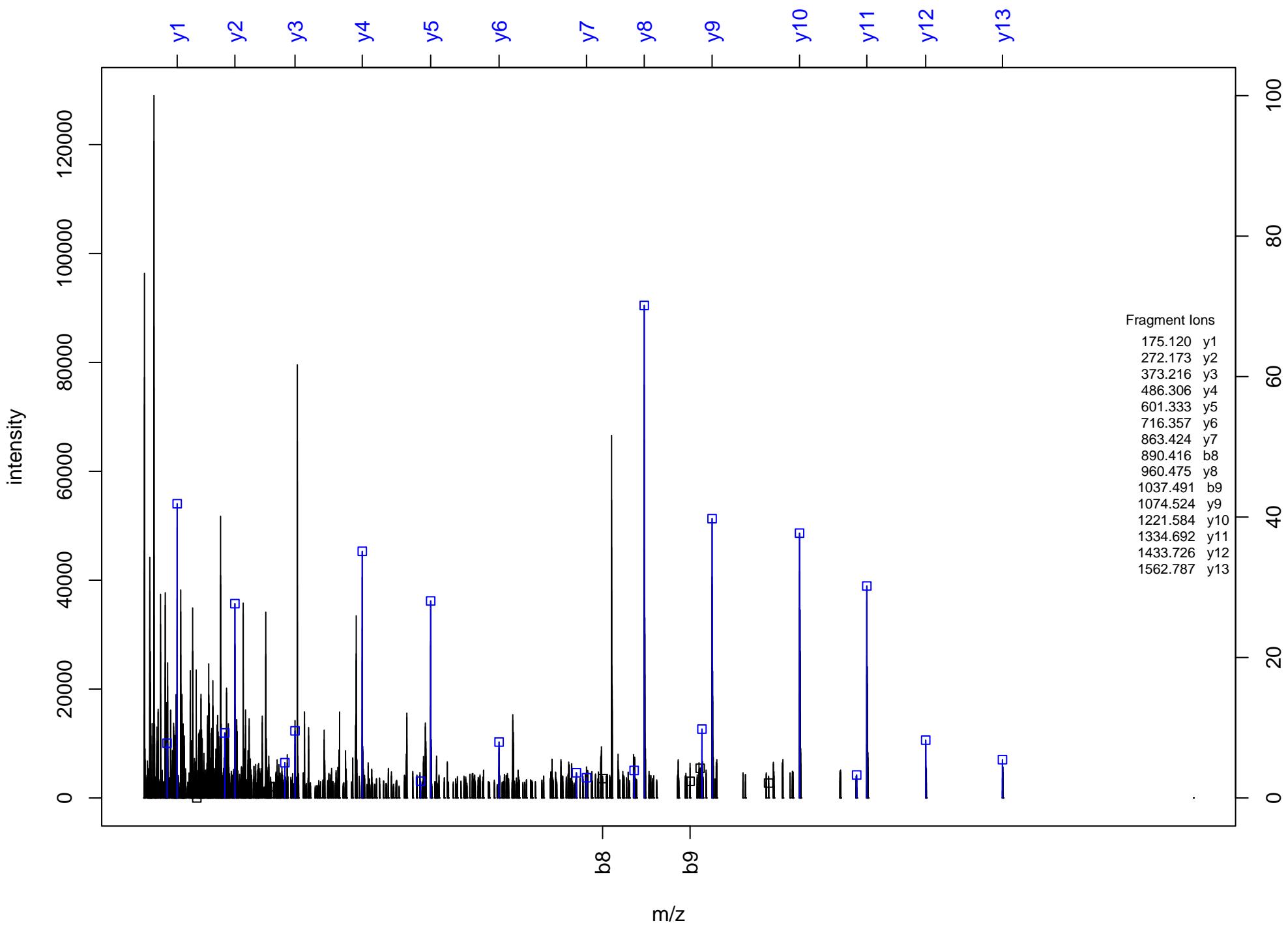
IQNAGGSVM*IQR



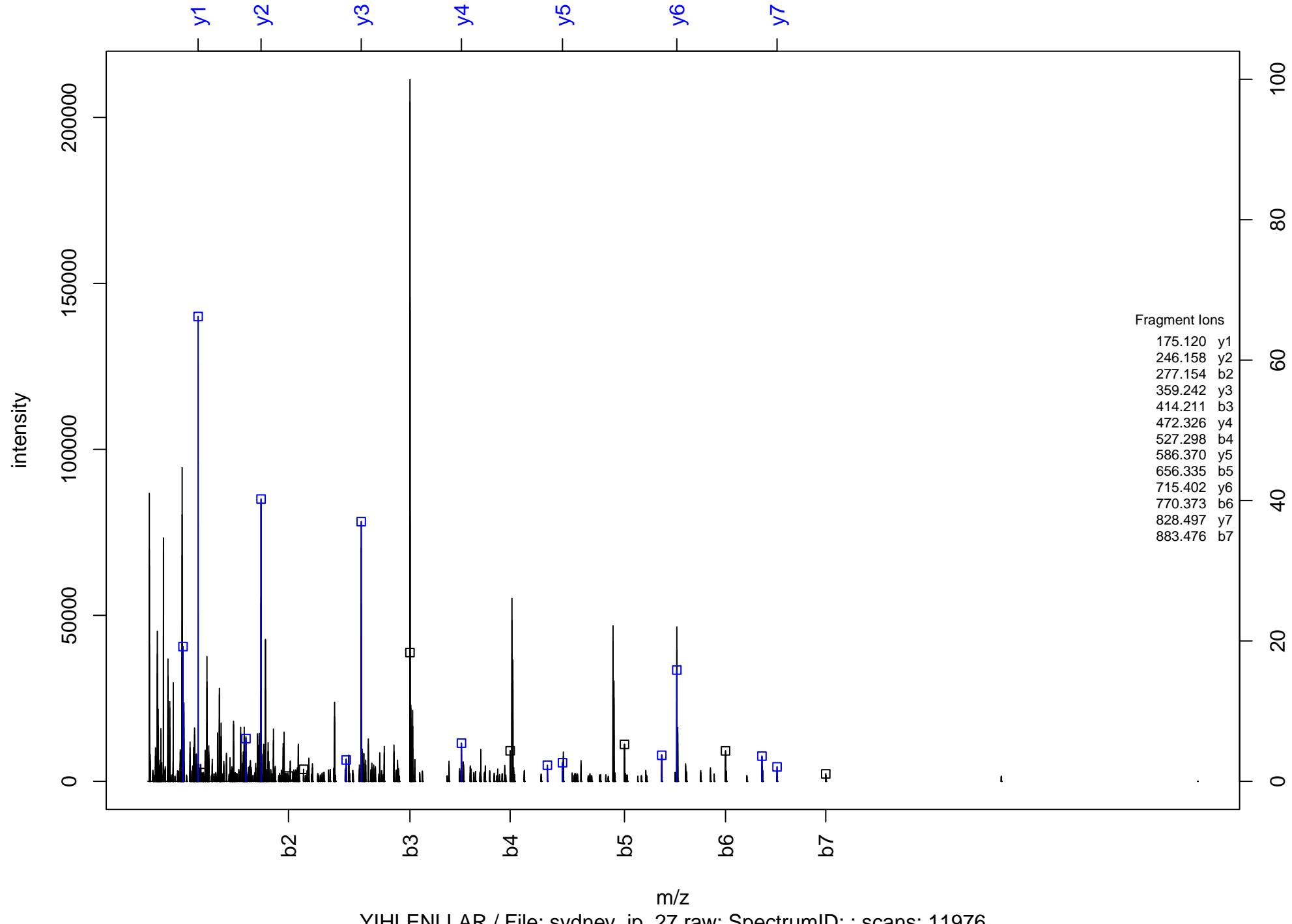
SVIEDVINDVR



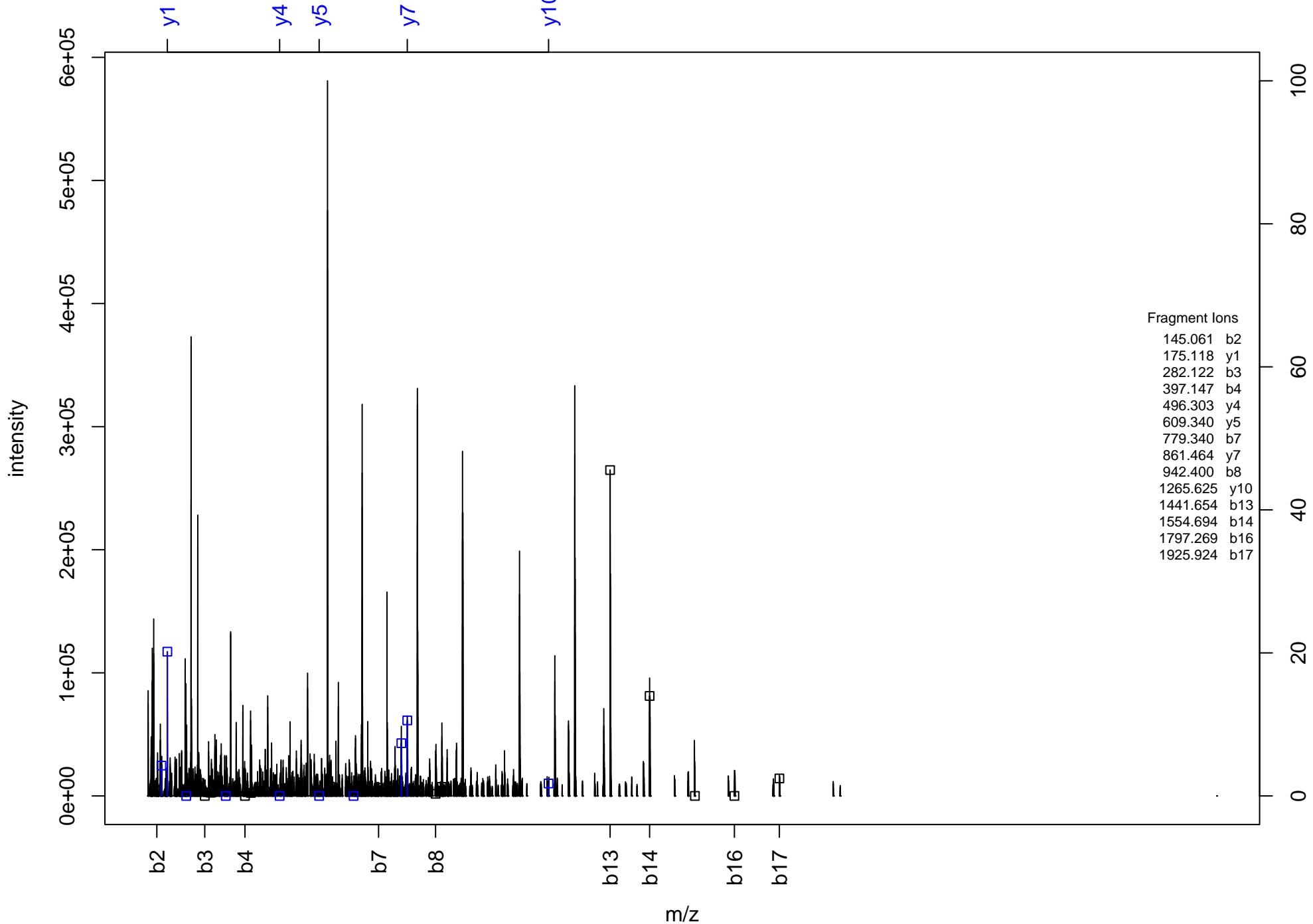
SCEVLNFNPFDITPR



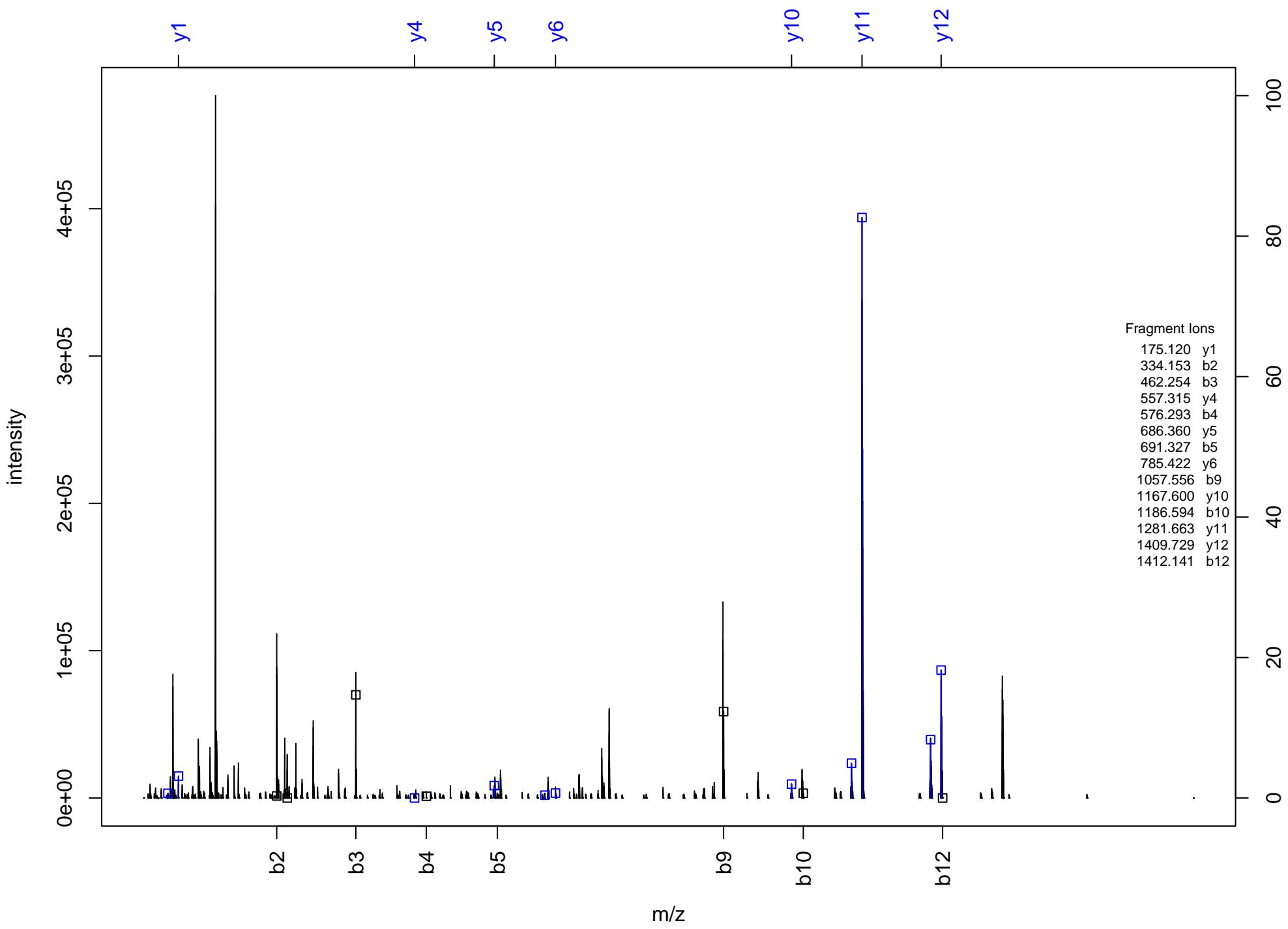
YIHLENLLAR



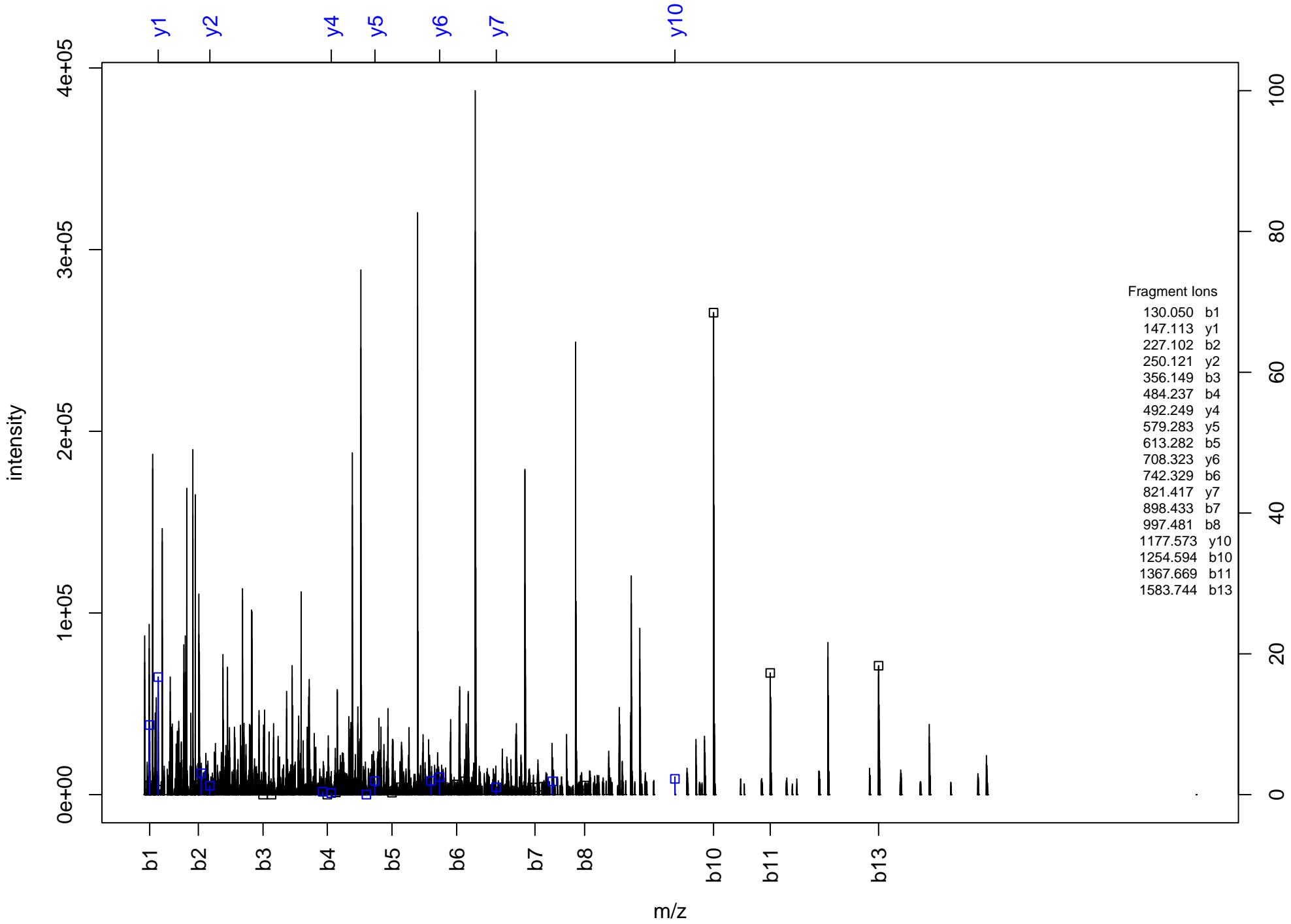
SGHDPERYISDSPILQ^Q^FQHN^IHLAR



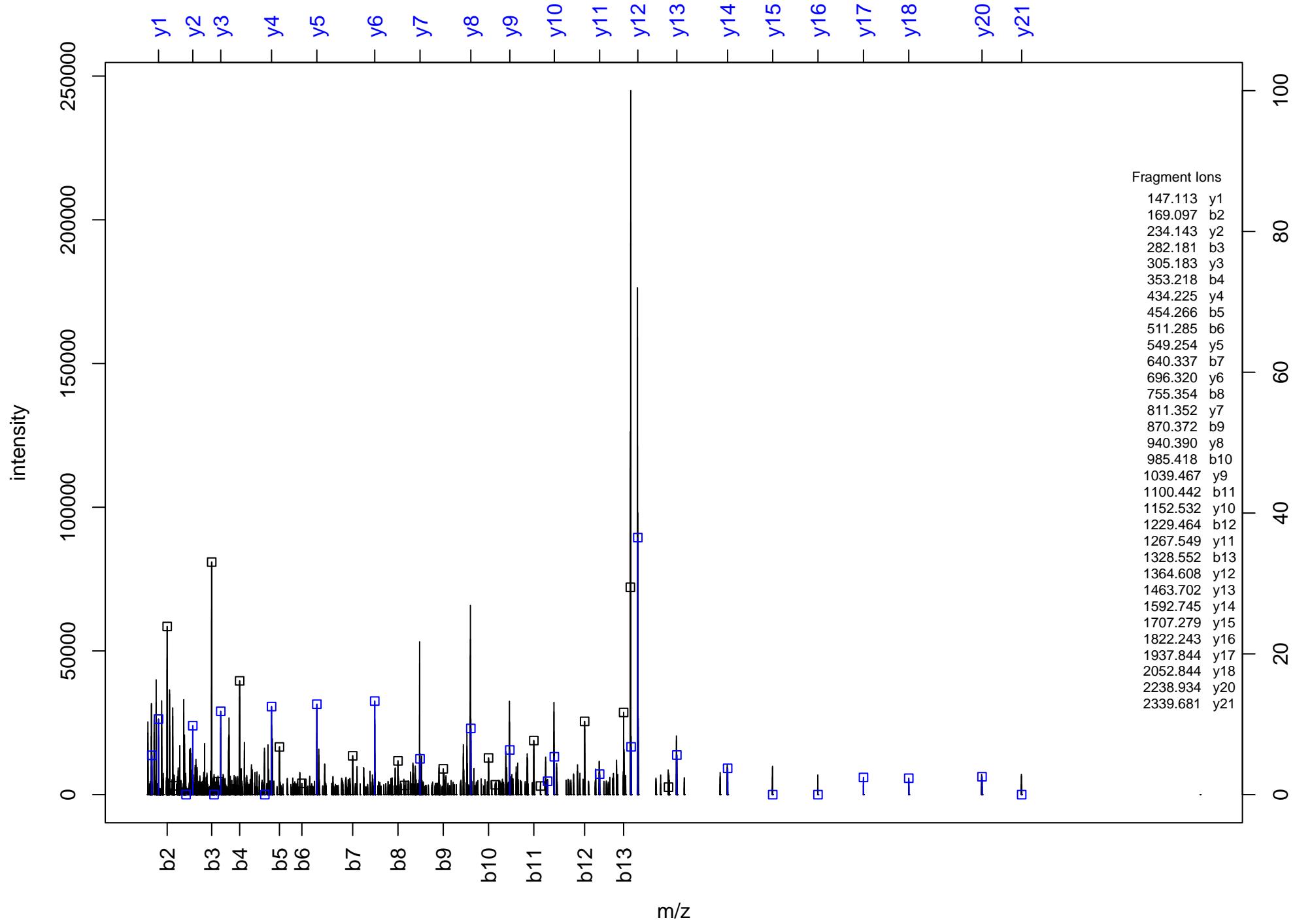
WFKNDAPVVQ^EPRR



EPEKQ^AQ^ARVQQ^ALESELCK

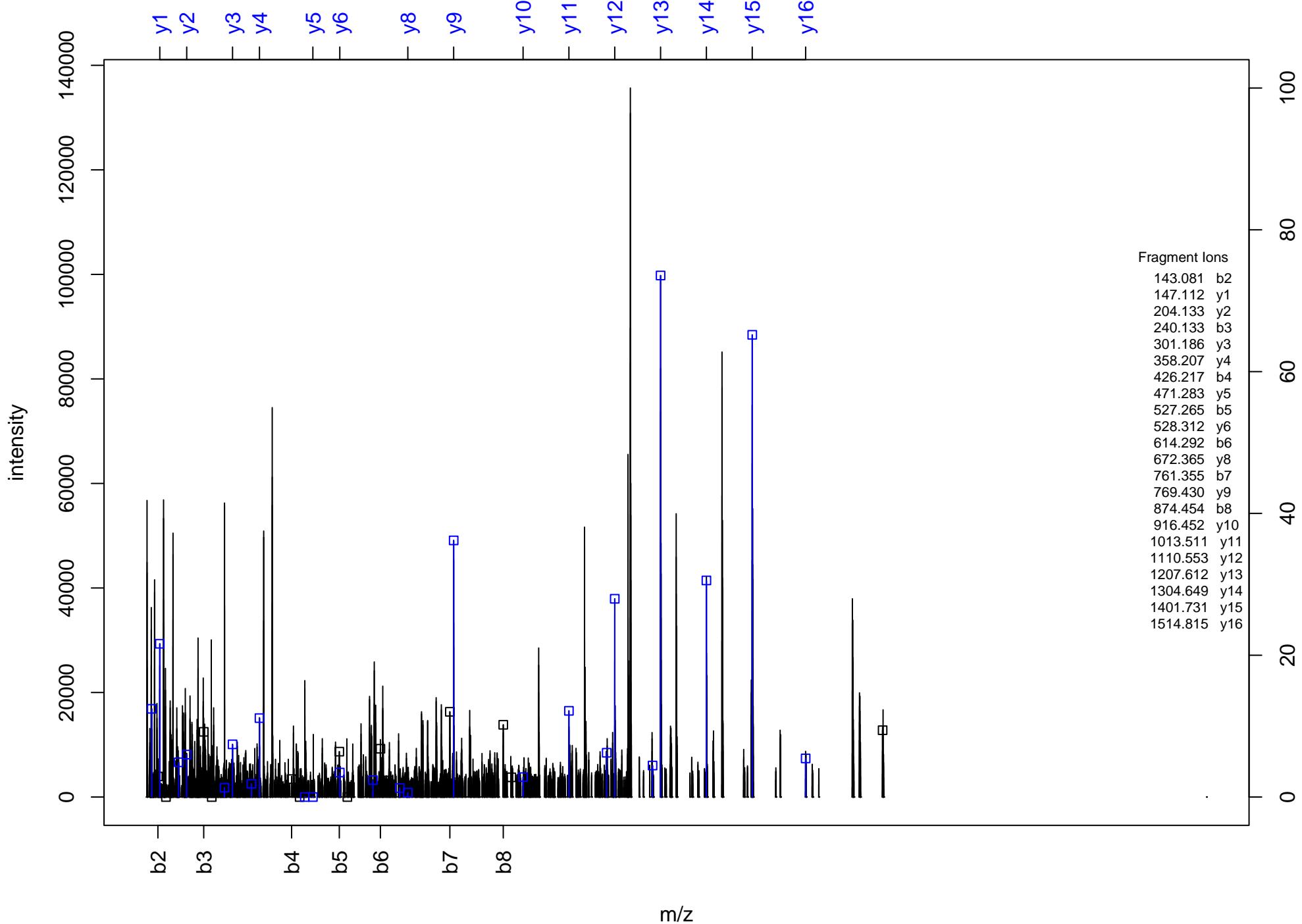


APLATGEDDDDEVPDLVEN^FDEASK



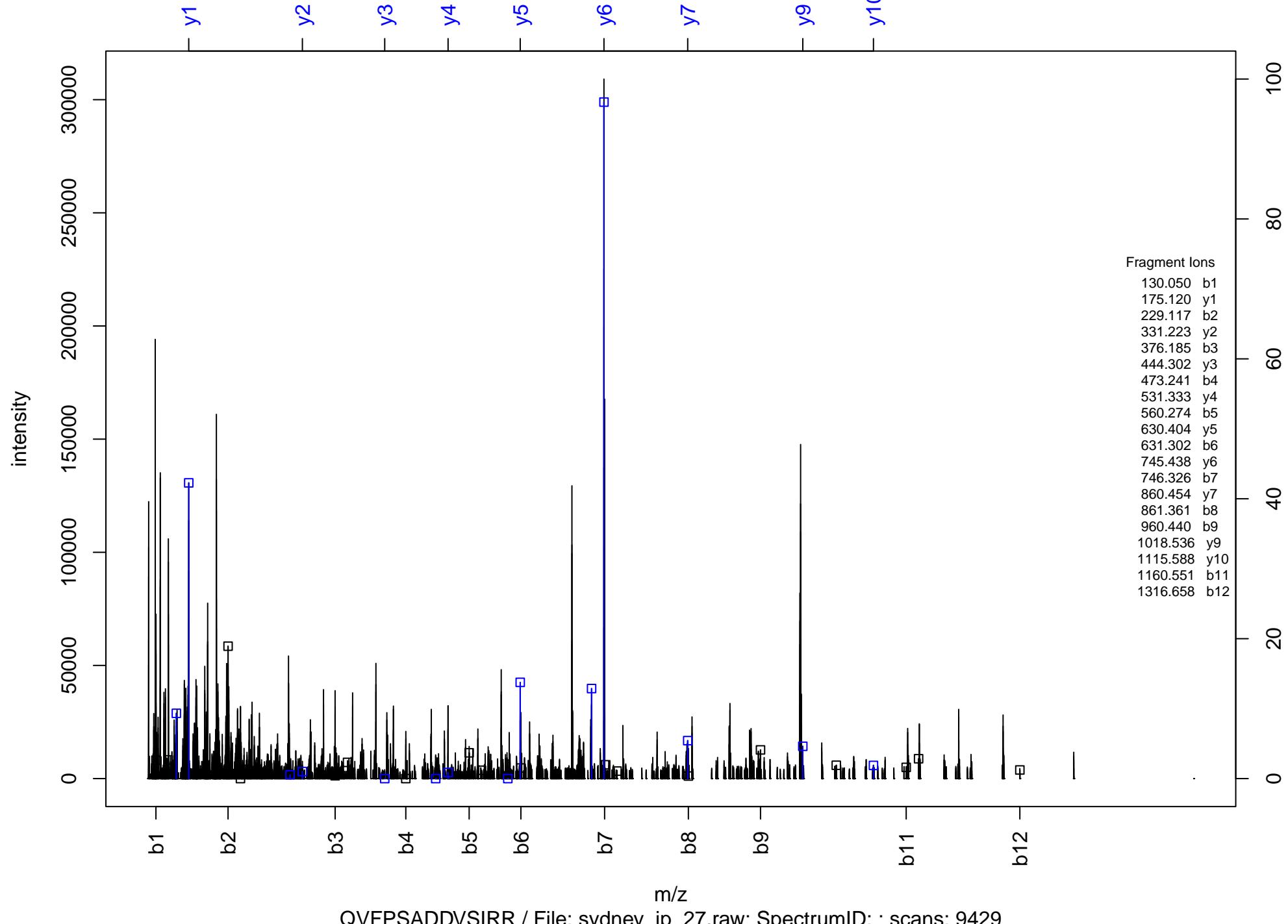
APLATGEDDDDEVPDLVEN^FDEASK / File: sydney_ip_27.raw; SpectrumID: ; scans: 16164

AAPWTSFLPPPPPM*PGSGLGPGK

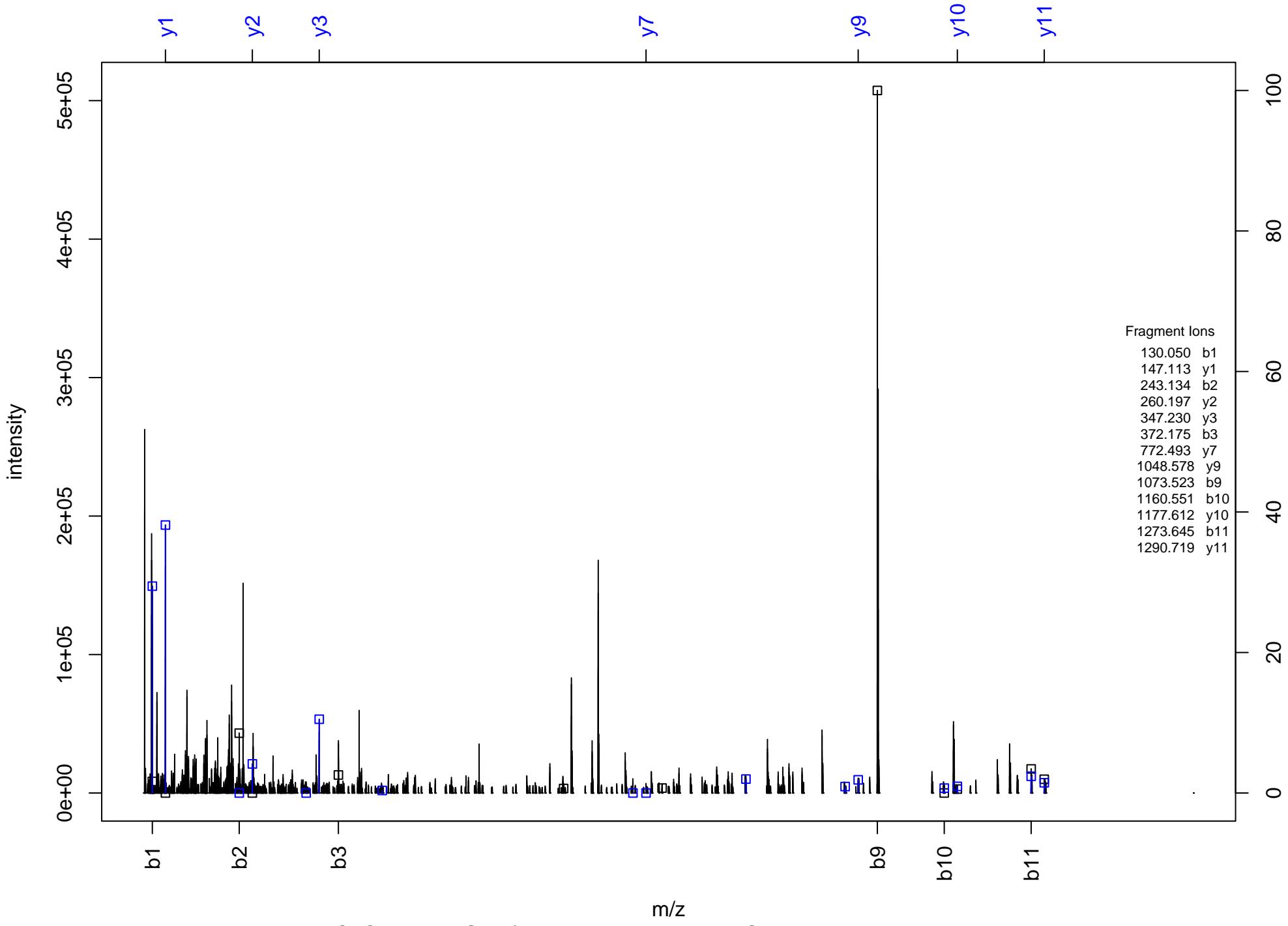


AAPWTSFLPPPPPM*PGSGLGPGK / File: sydney_ip_27.raw; SpectrumID: ; scans: 17981

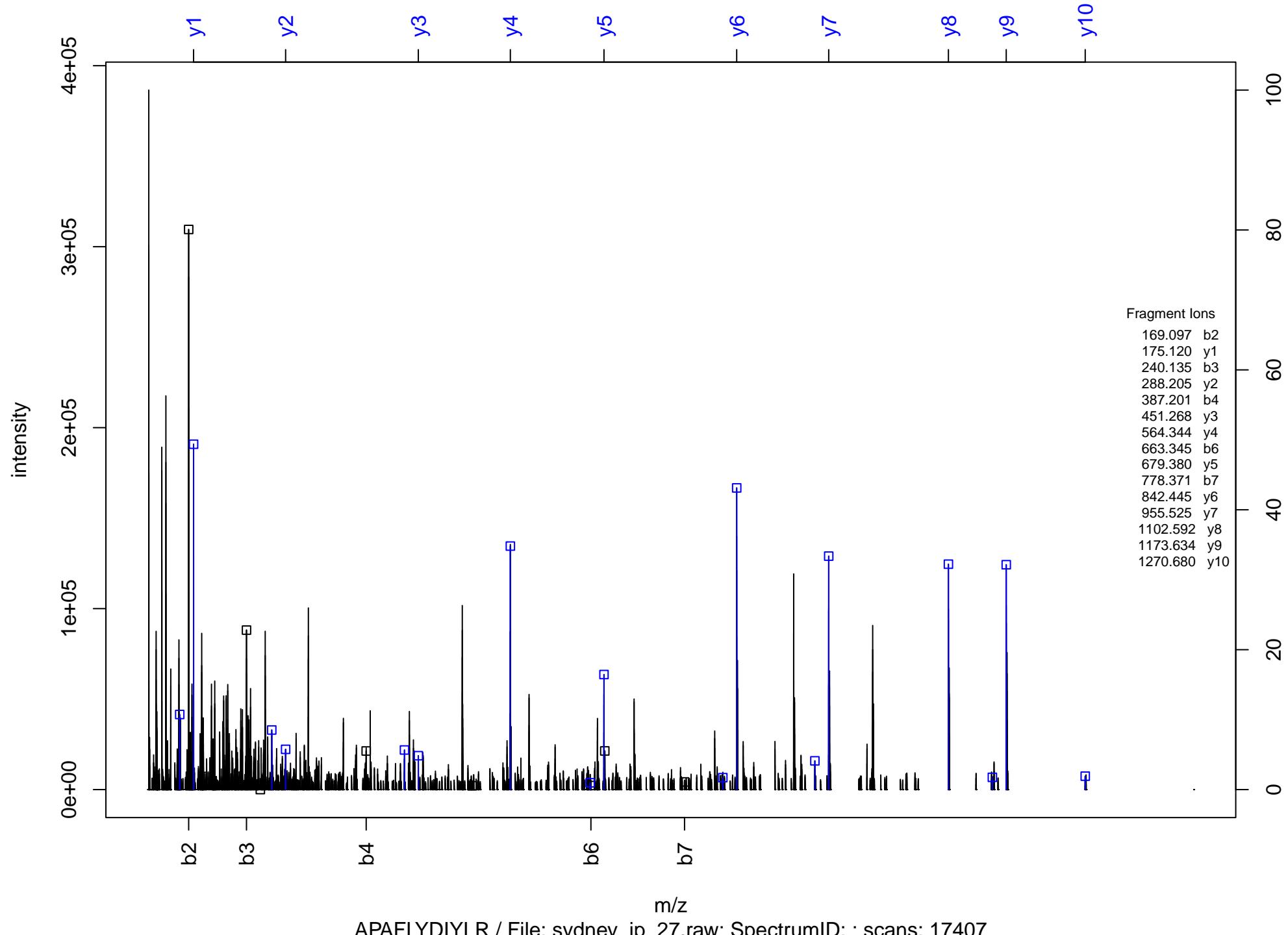
Q^VFPSSADDVSIRR



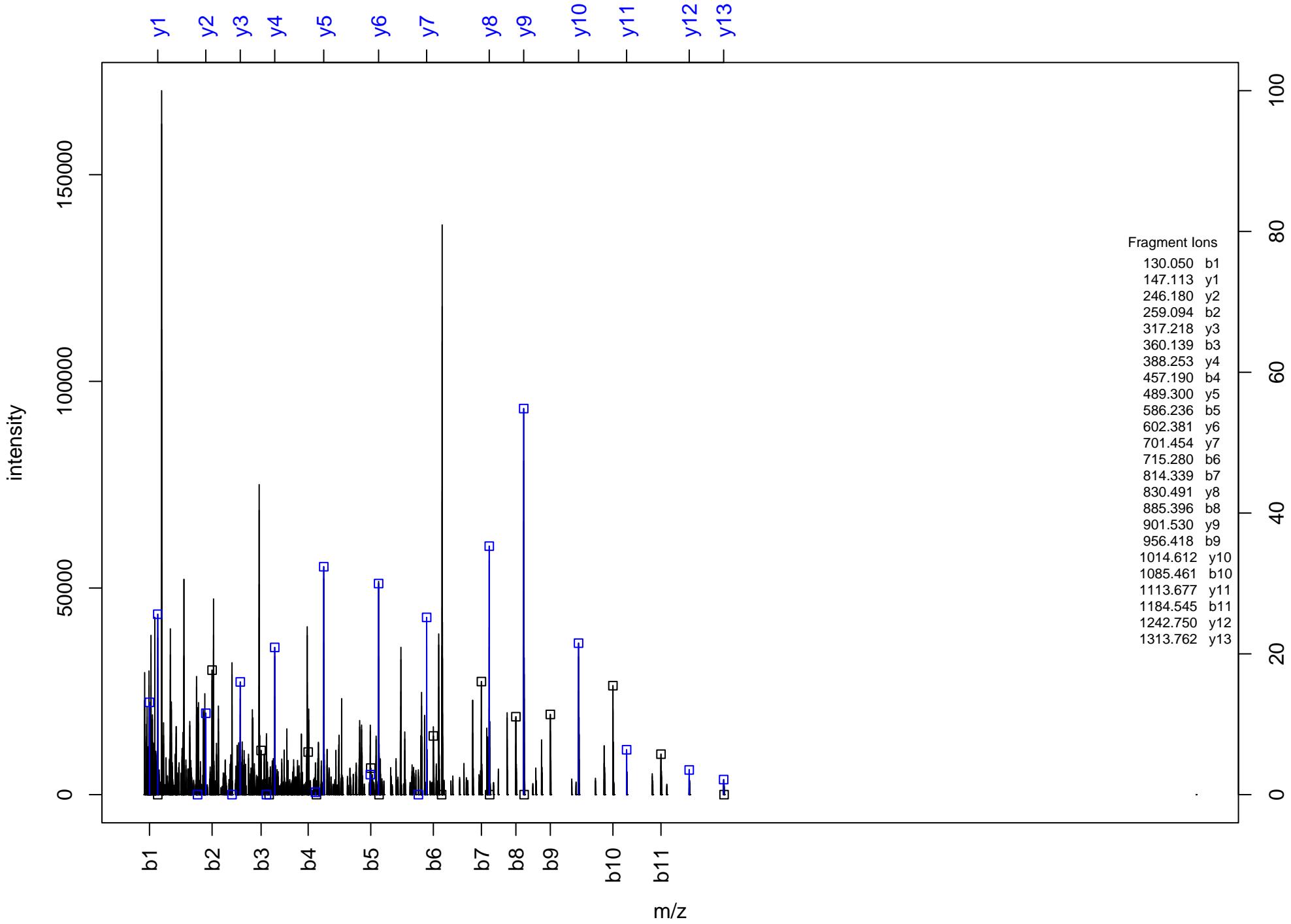
Q^LQ^EM*KPTVSLK



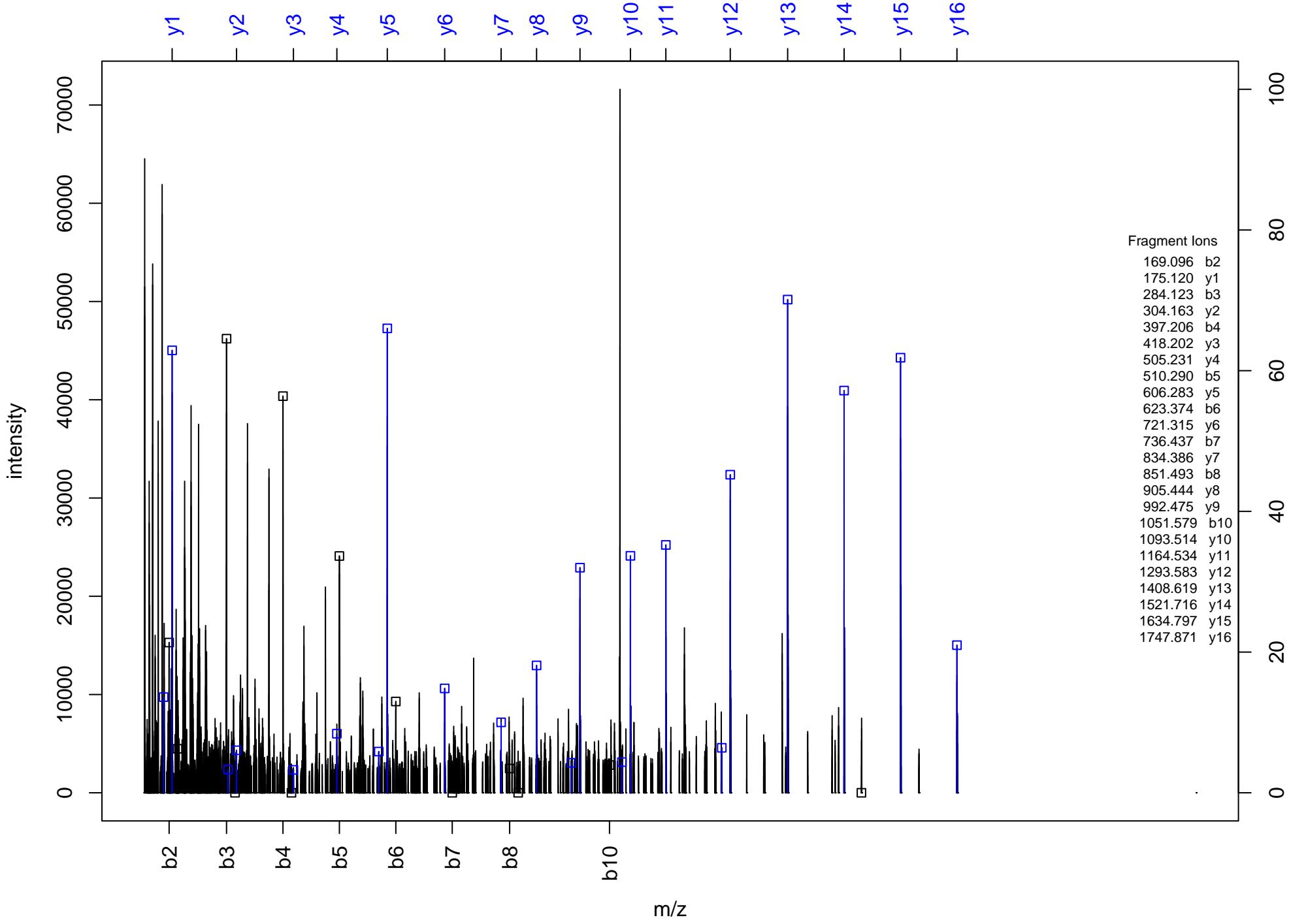
APAFLYDIYLR



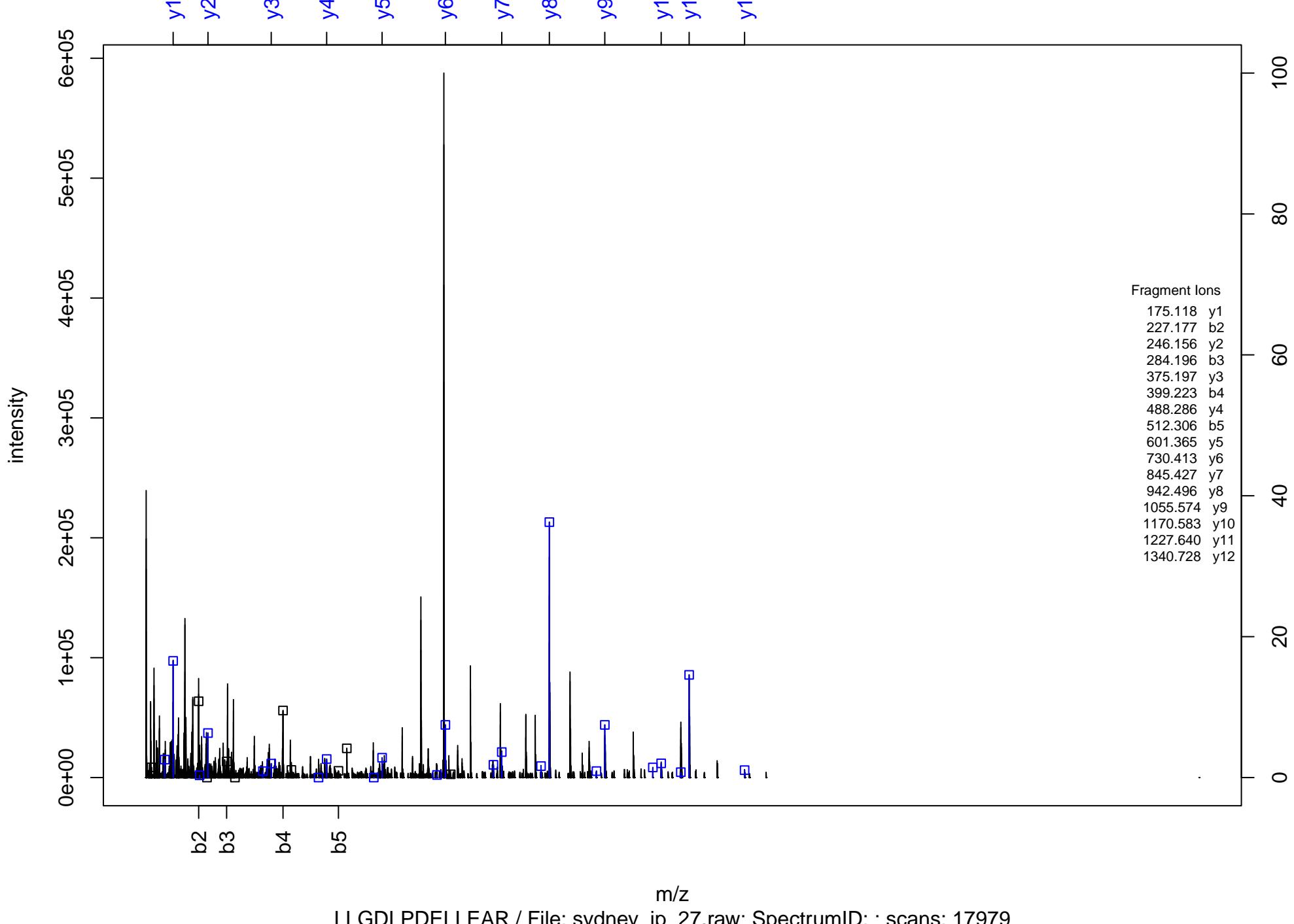
EETPEEVAAEVLAEVITAAVK



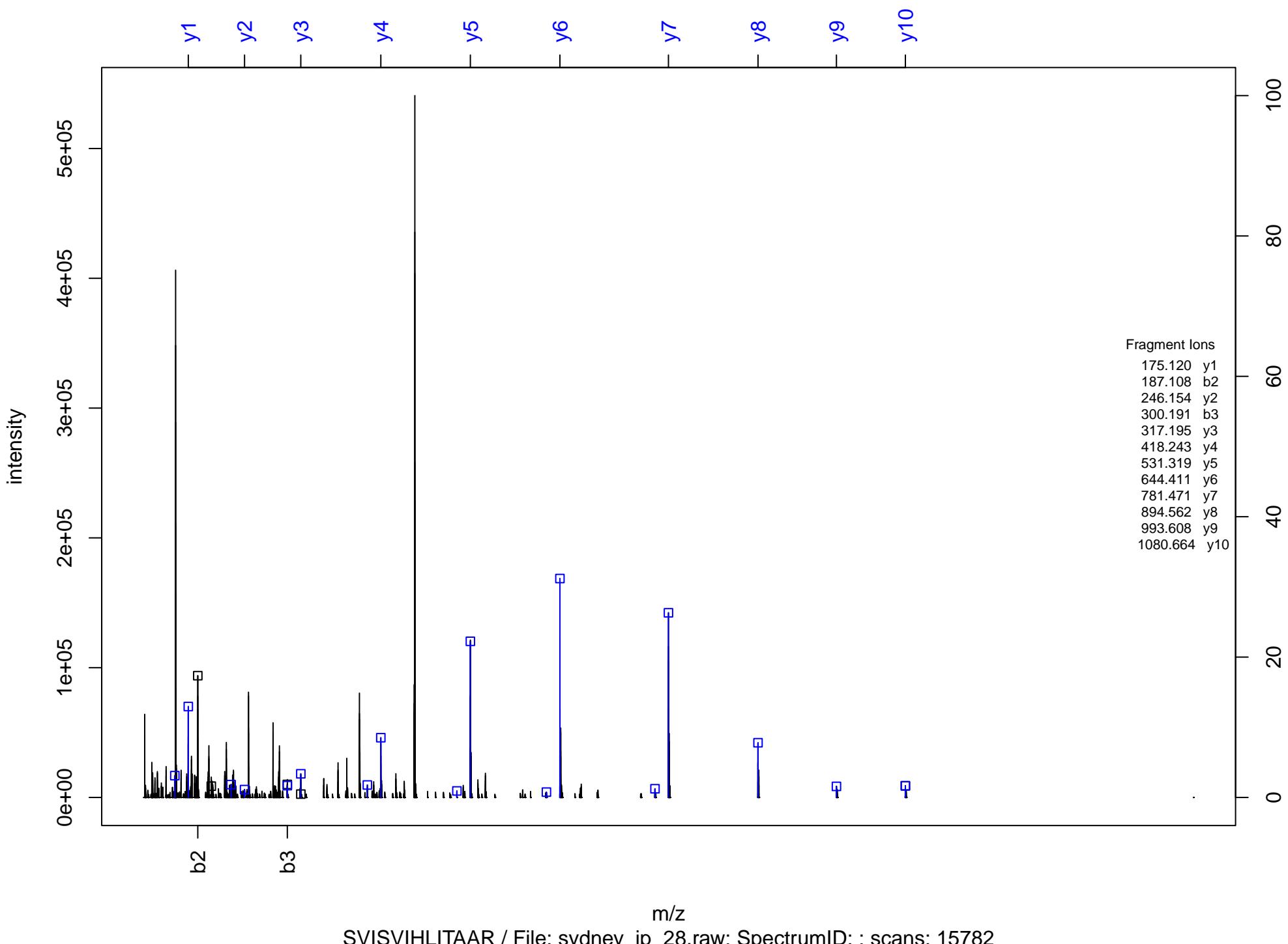
APDIILLDEATSALDTSNER



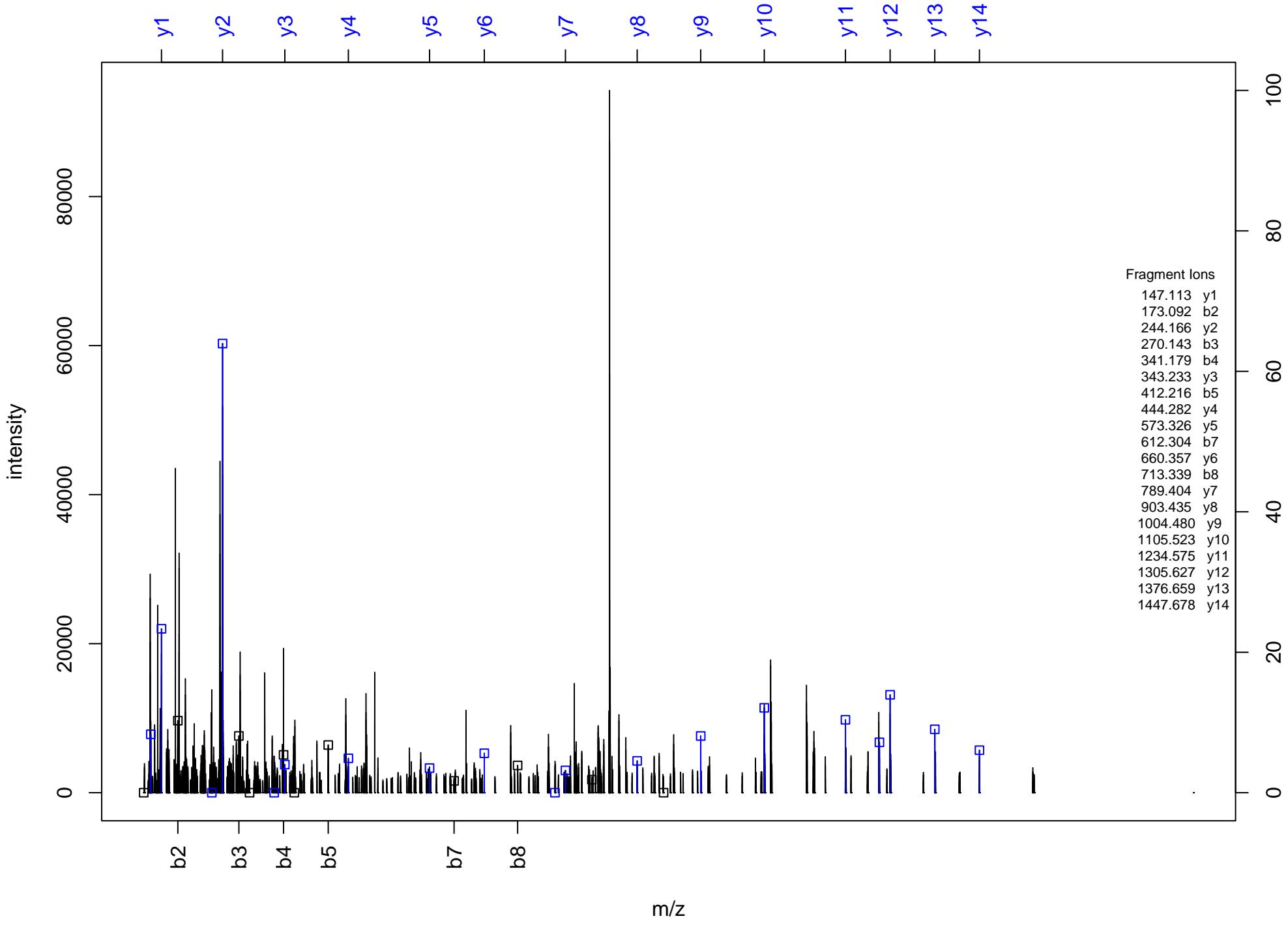
LLGDLPDELLEAR



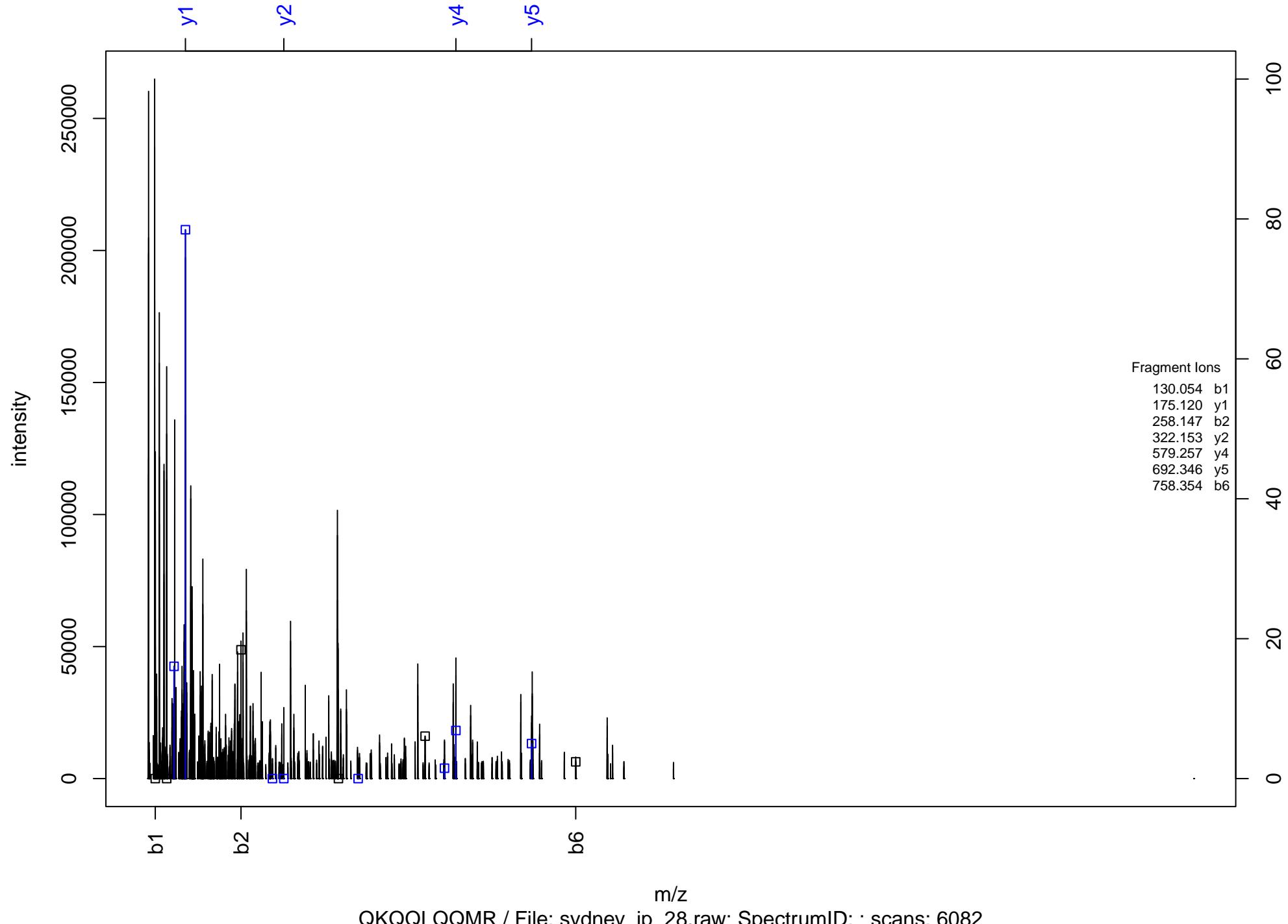
SVISVIHLITAAR



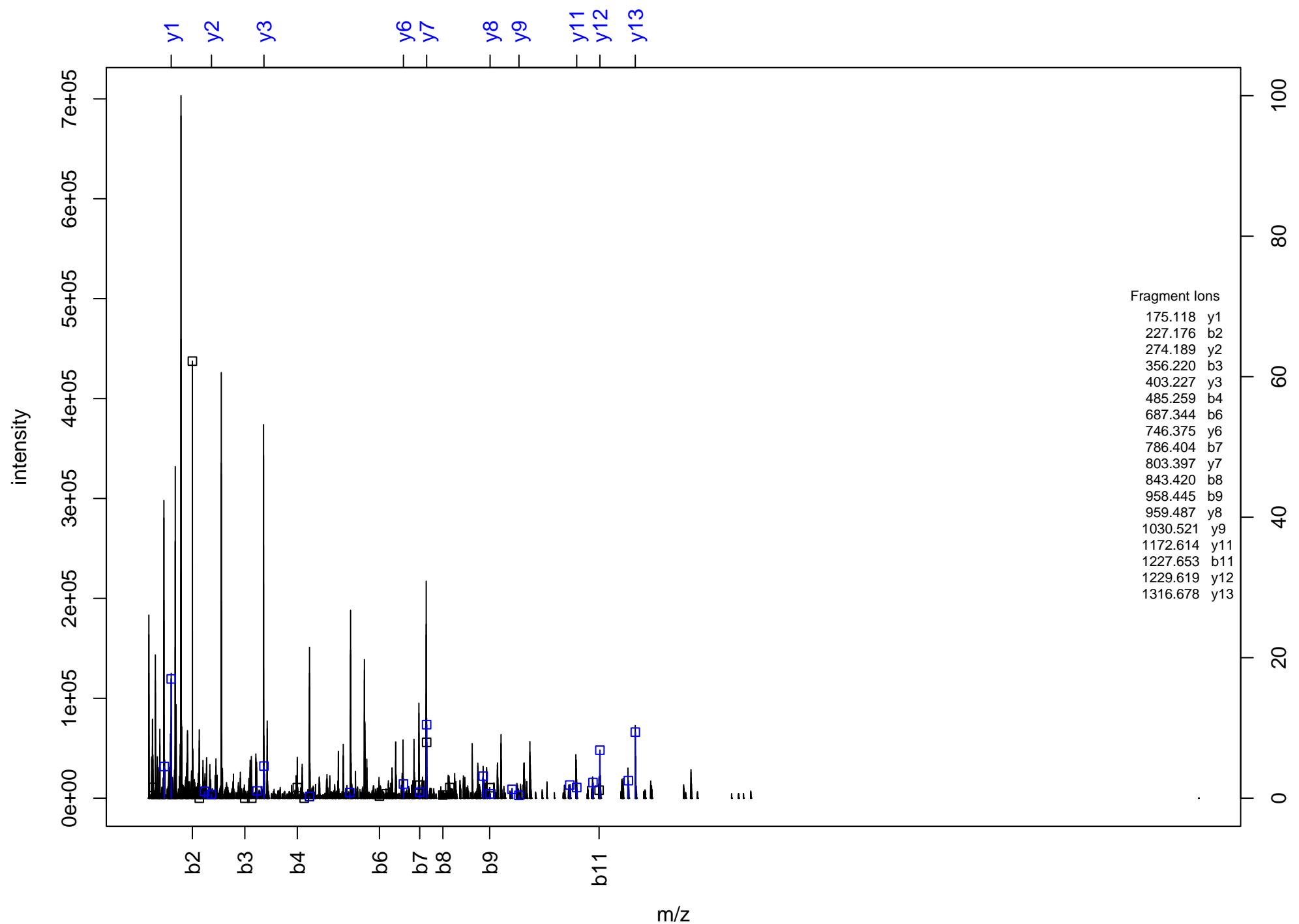
TAPAAAETTNESETVPK



Q^KQ^Q^LQ^QM^*R

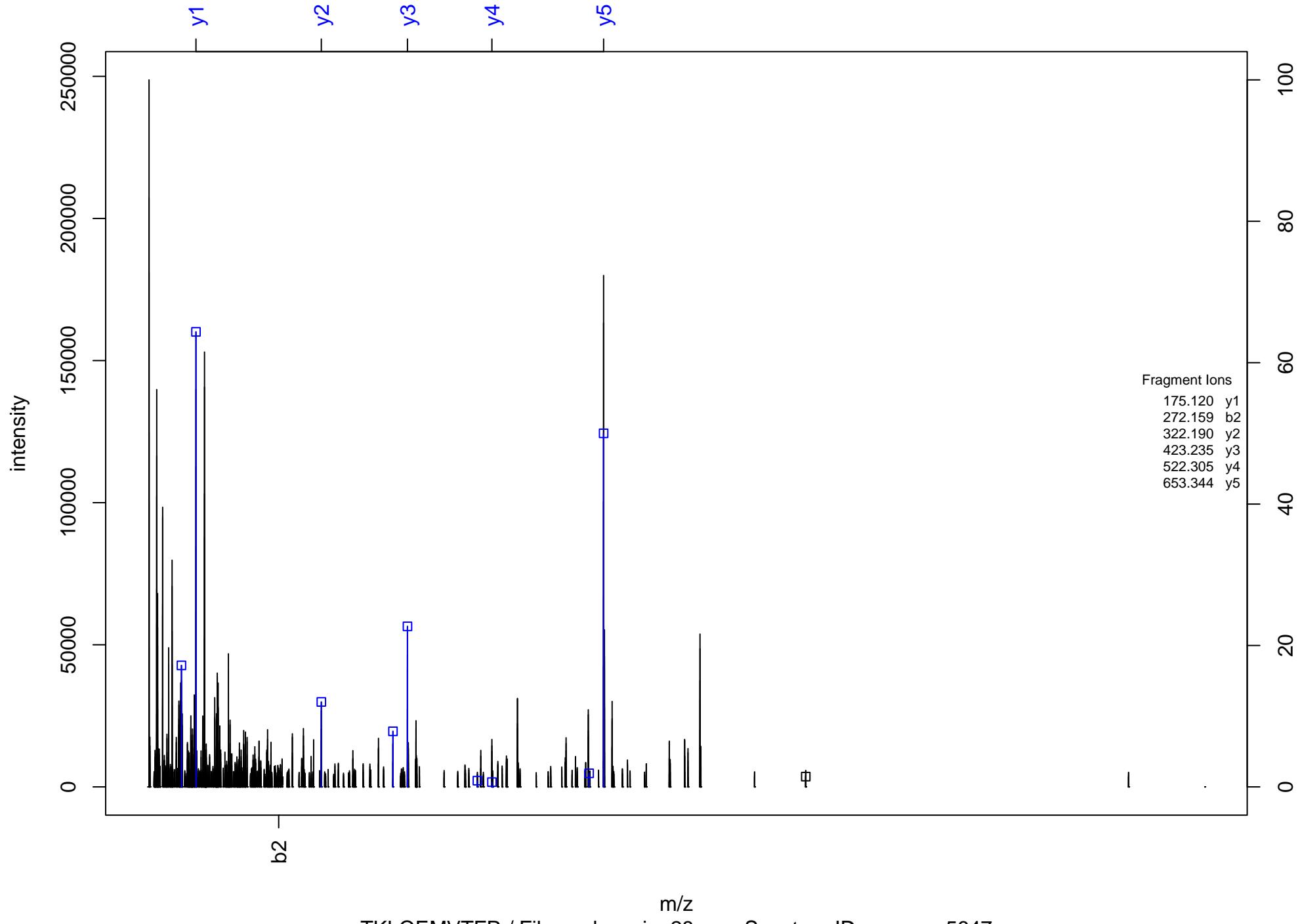


LLEEVCVGDRLSGAAARGDVQ^EVR

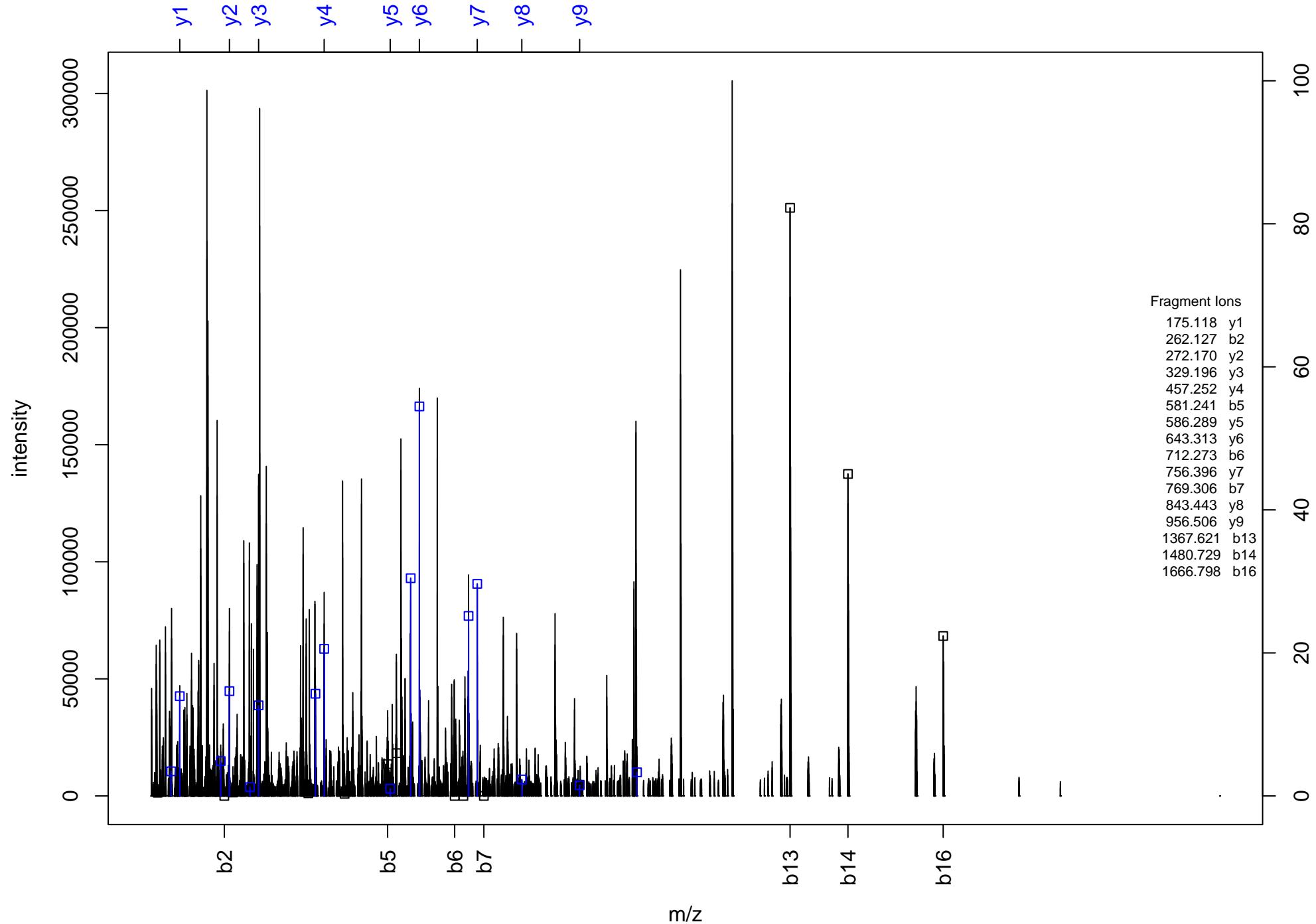


LLEEVCVGDRLSGAAARGDVQEVR / File: sydney_ip_28.raw; SpectrumID: ; scans: 13366

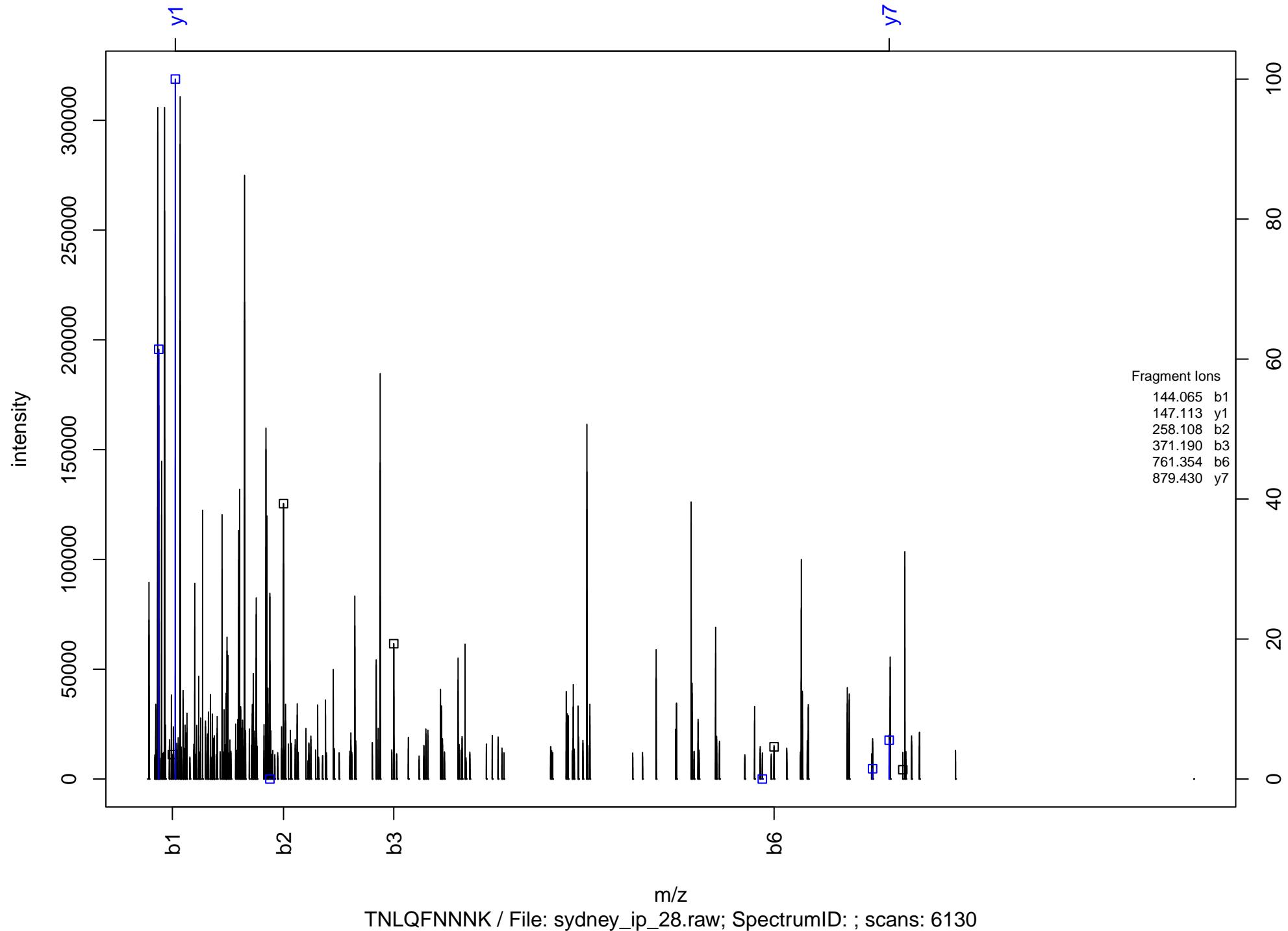
(Ac)TKLQ^AEMVTFR



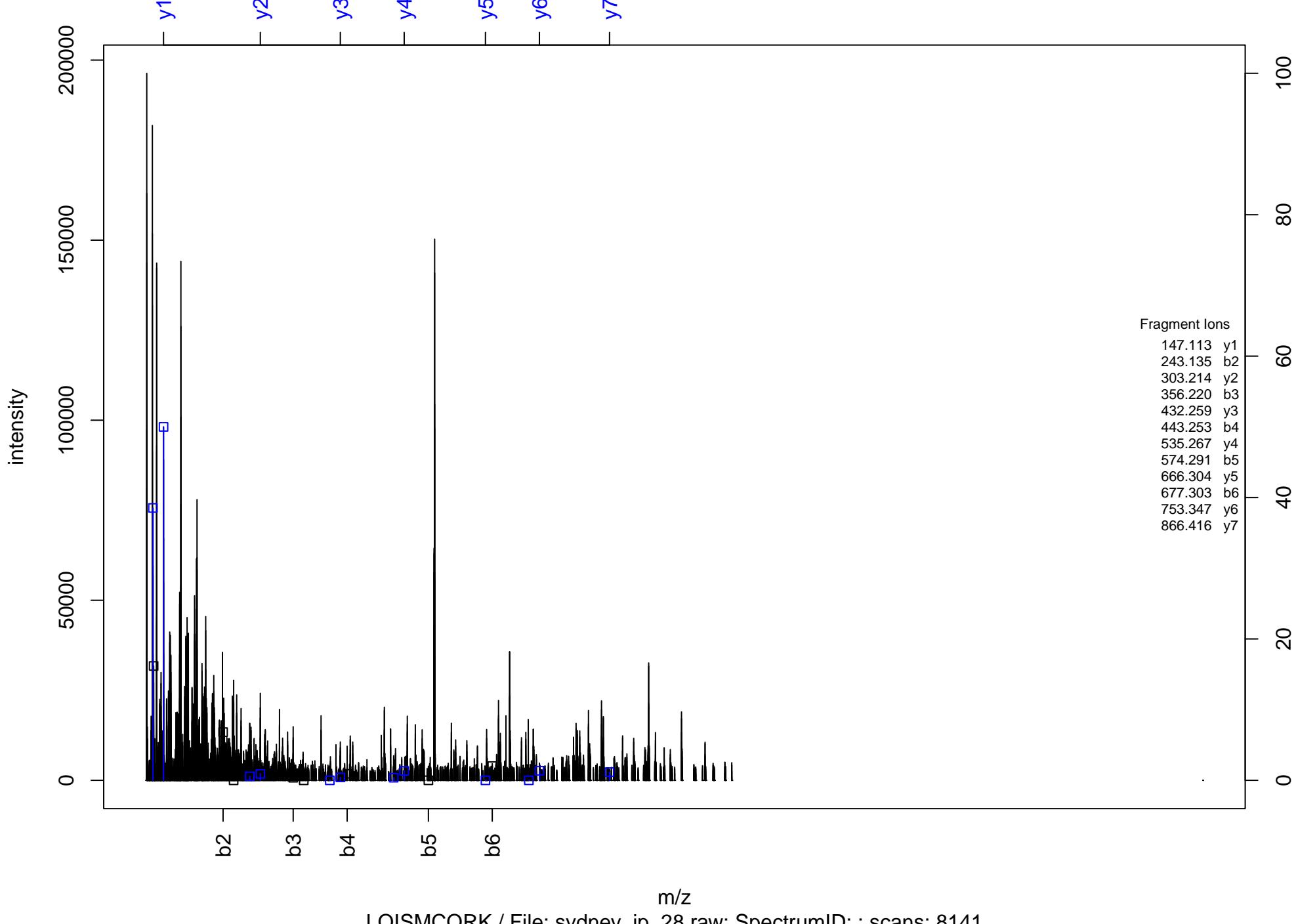
NM*FATMGIGVEISLGEQGPR



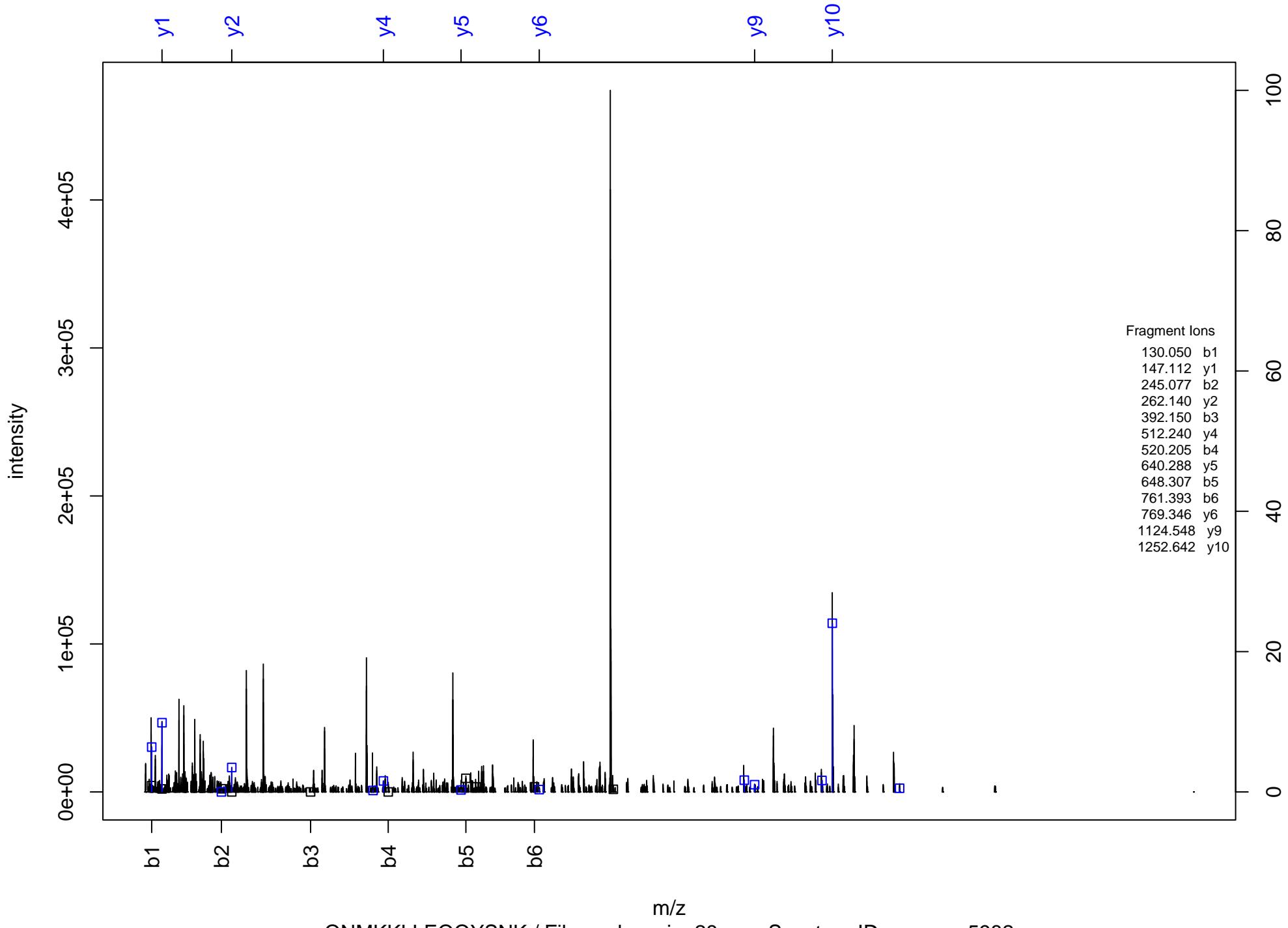
(Ac)TNLQ^FNN^NK



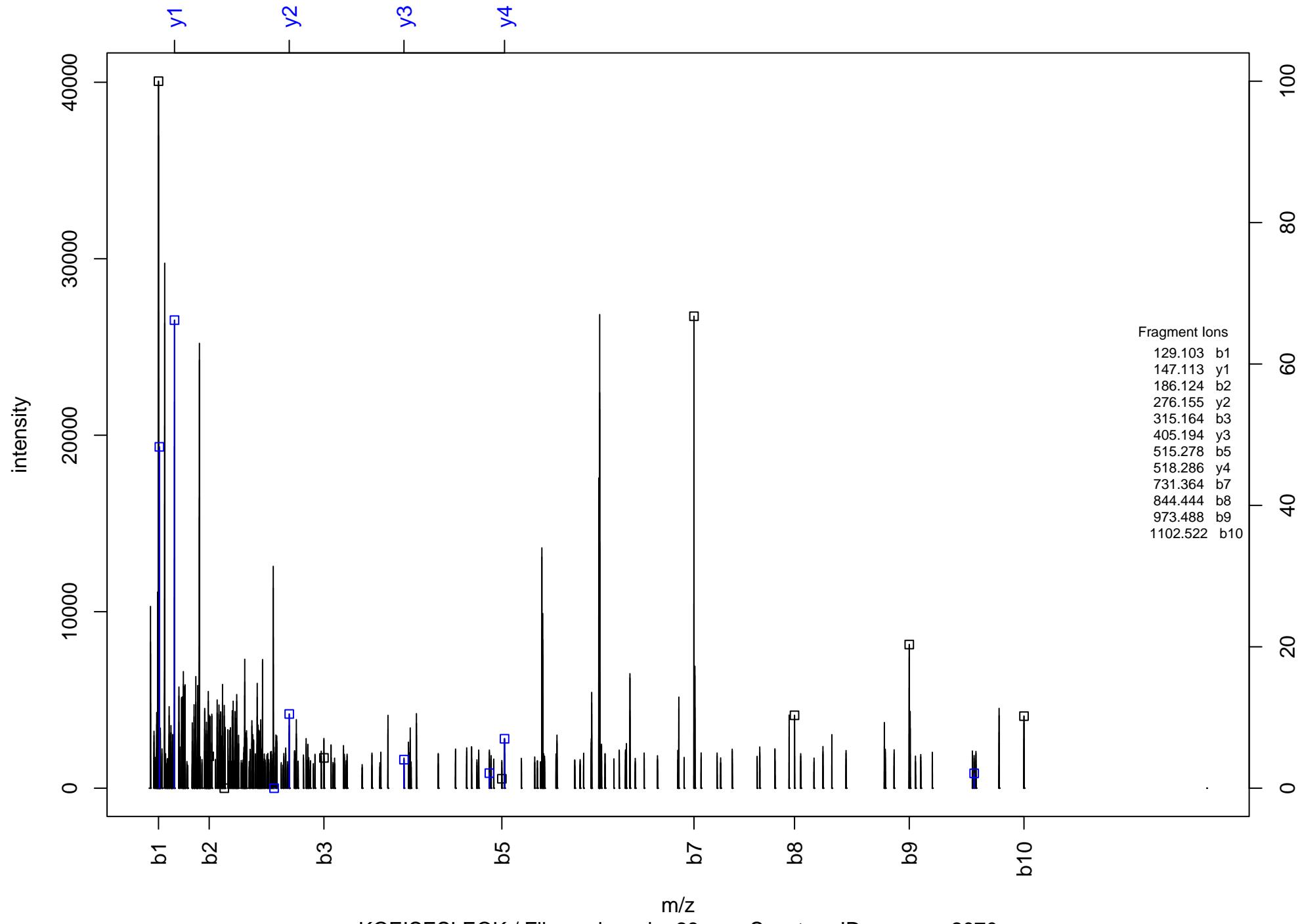
LQ^AISMCQ^BRK



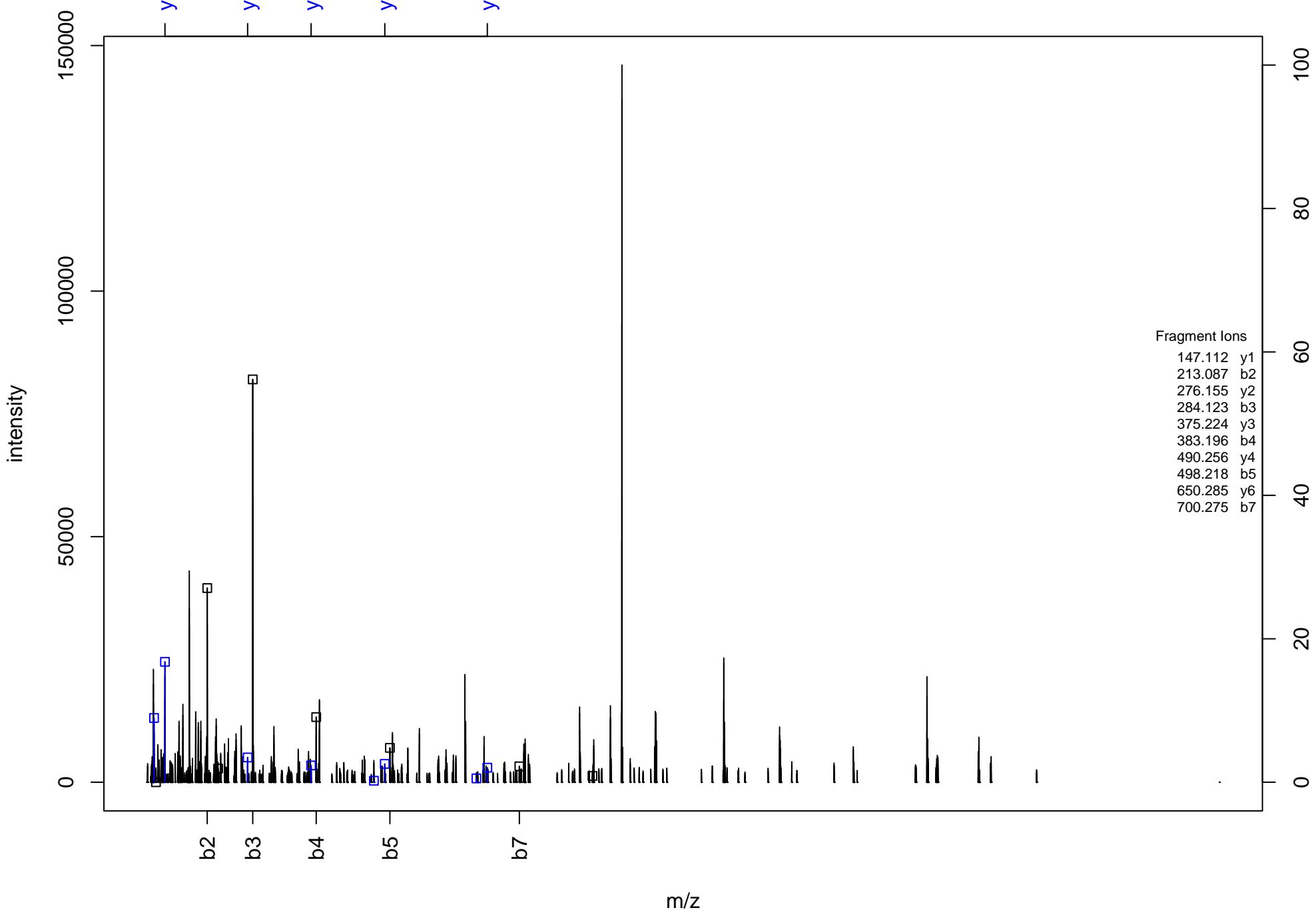
Q^N^M^KKLLEQ^QYSN^K



KGEISESLEQ^K

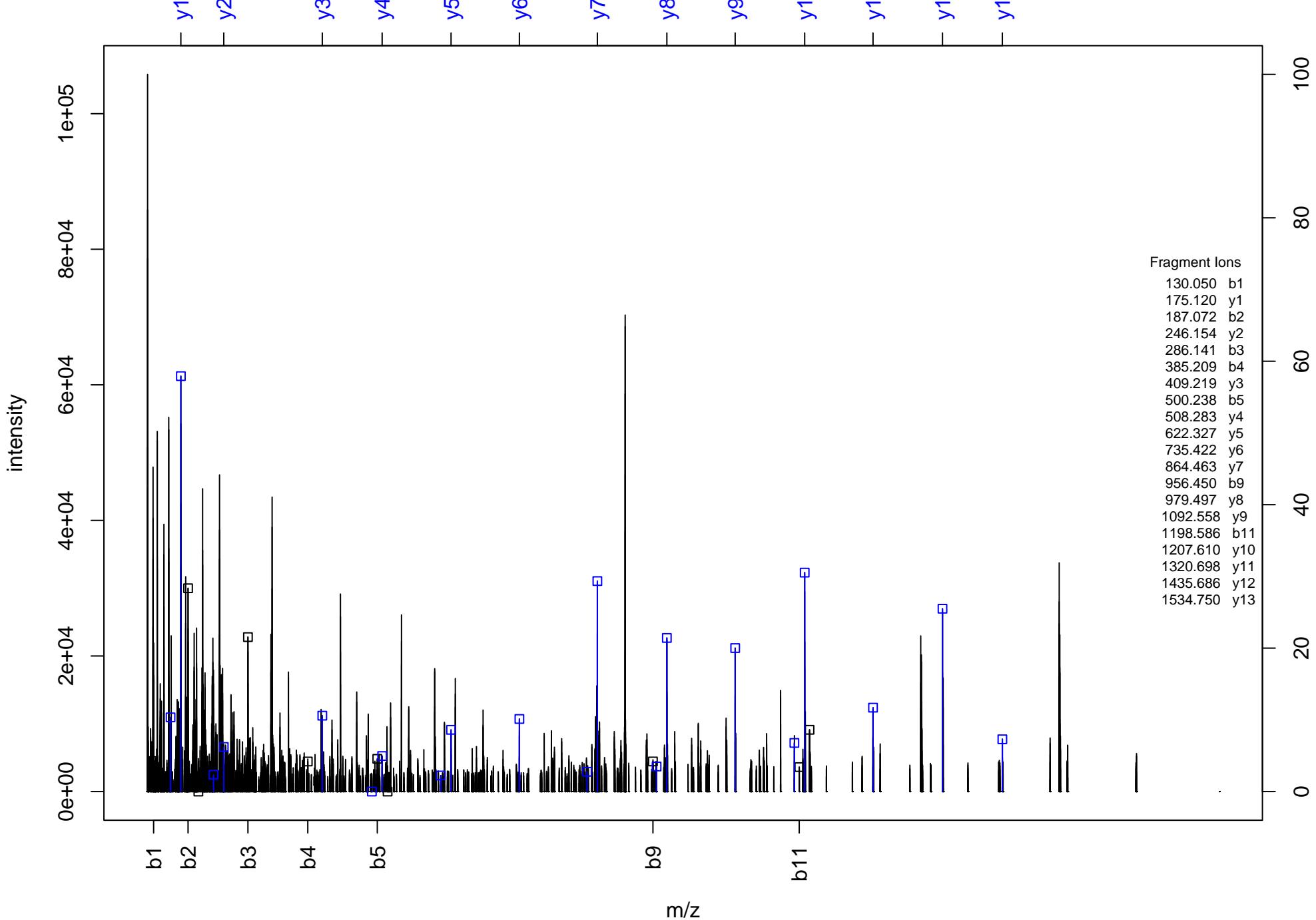


DPAVDDSPQSGCDVEK

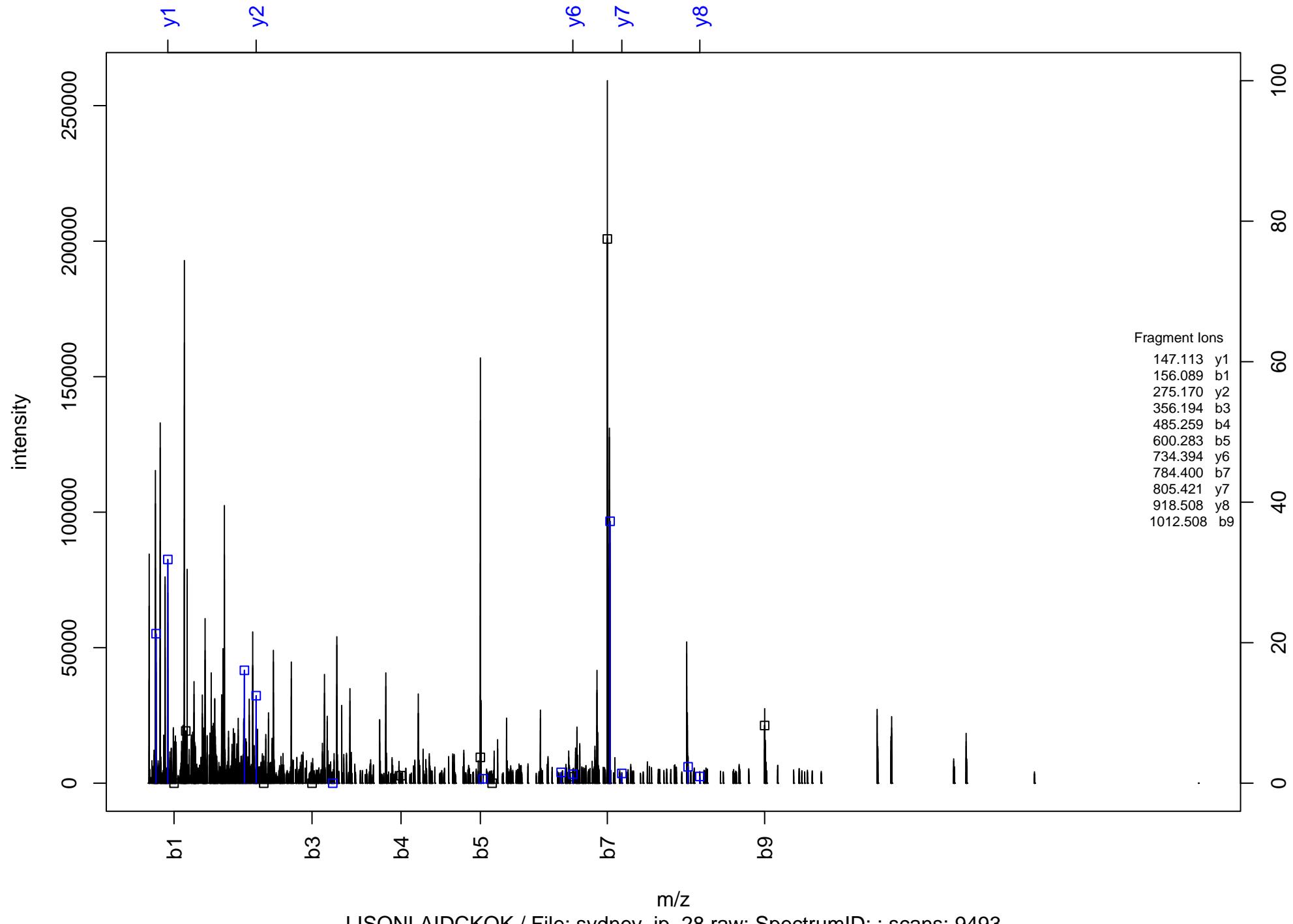


DPAVDDSPQSGCDVEK / File: sydney_ip_28.raw; SpectrumID: ; scans: 3140

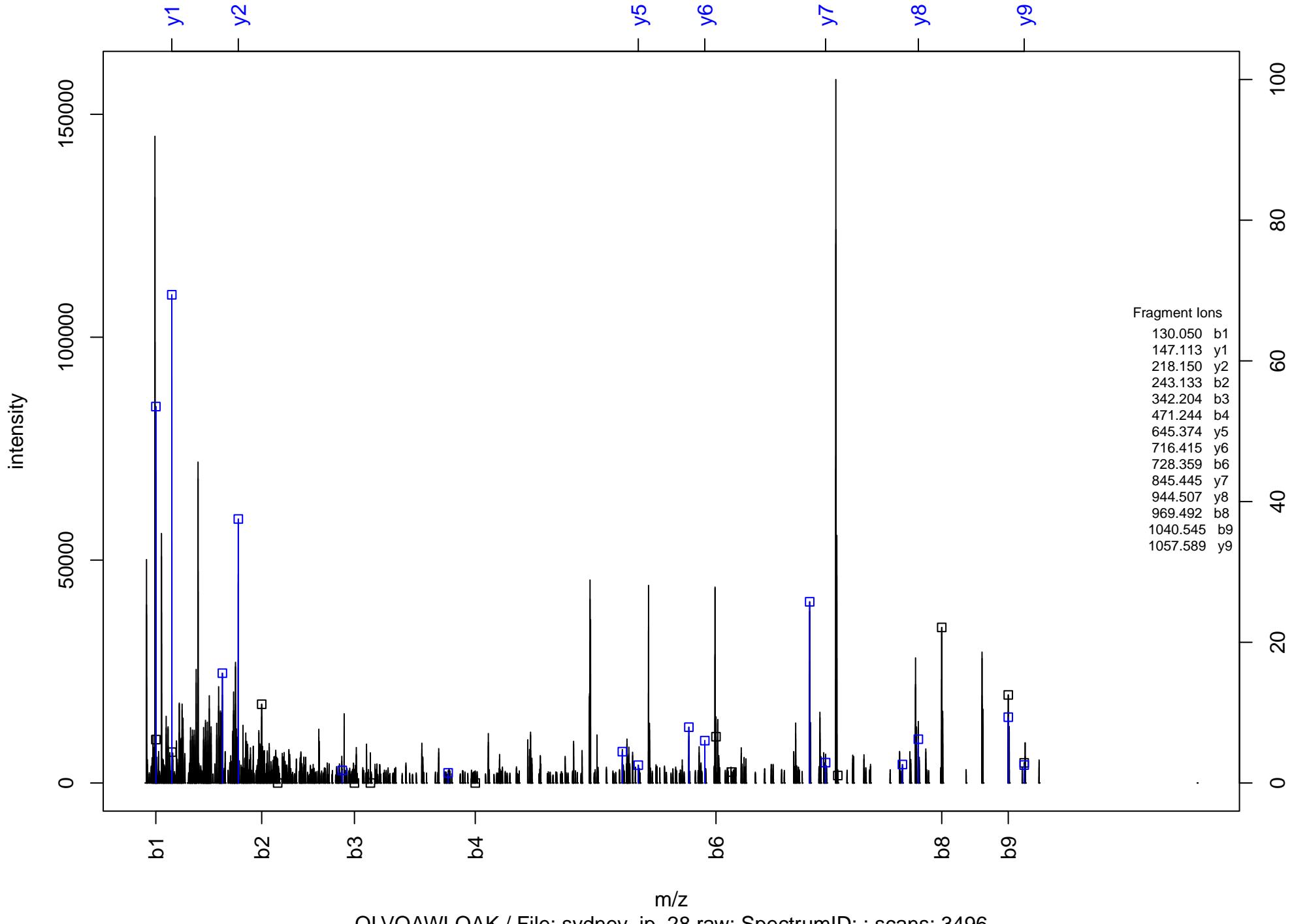
EGVVVDLDLDELNVYAR



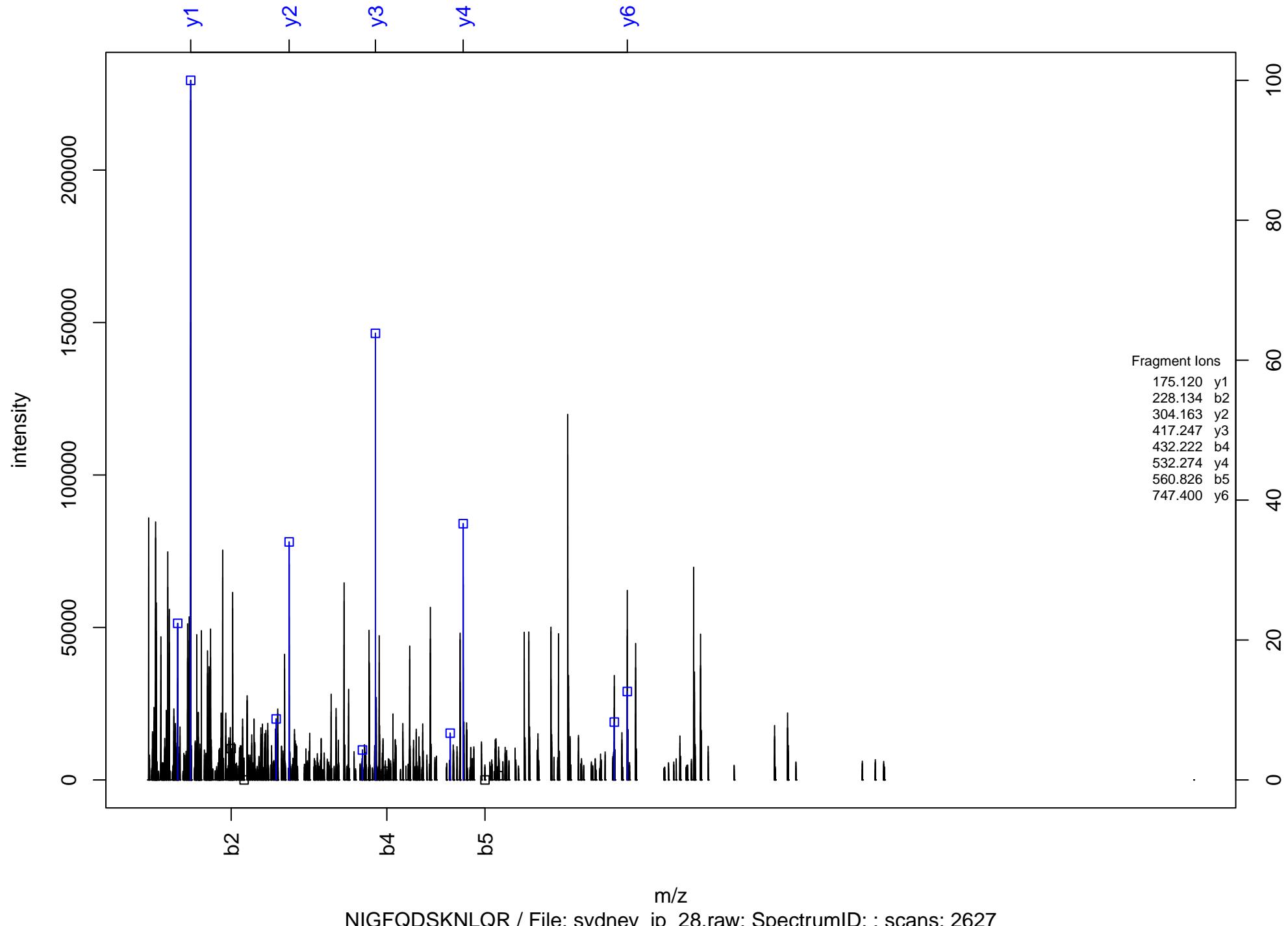
(Ac)LISQ^N^LAIDCKQK



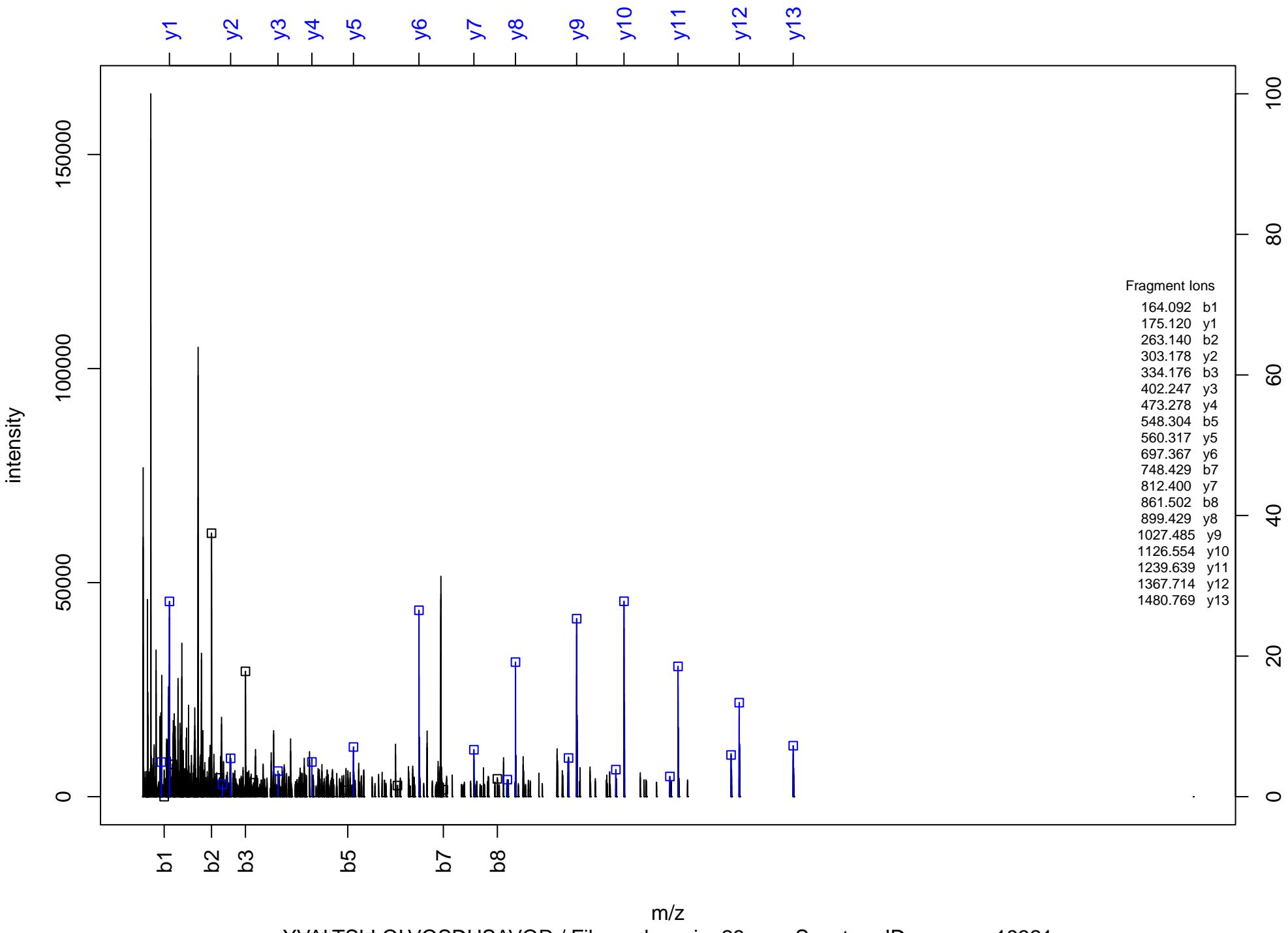
Q^LVQ^AWLQAK



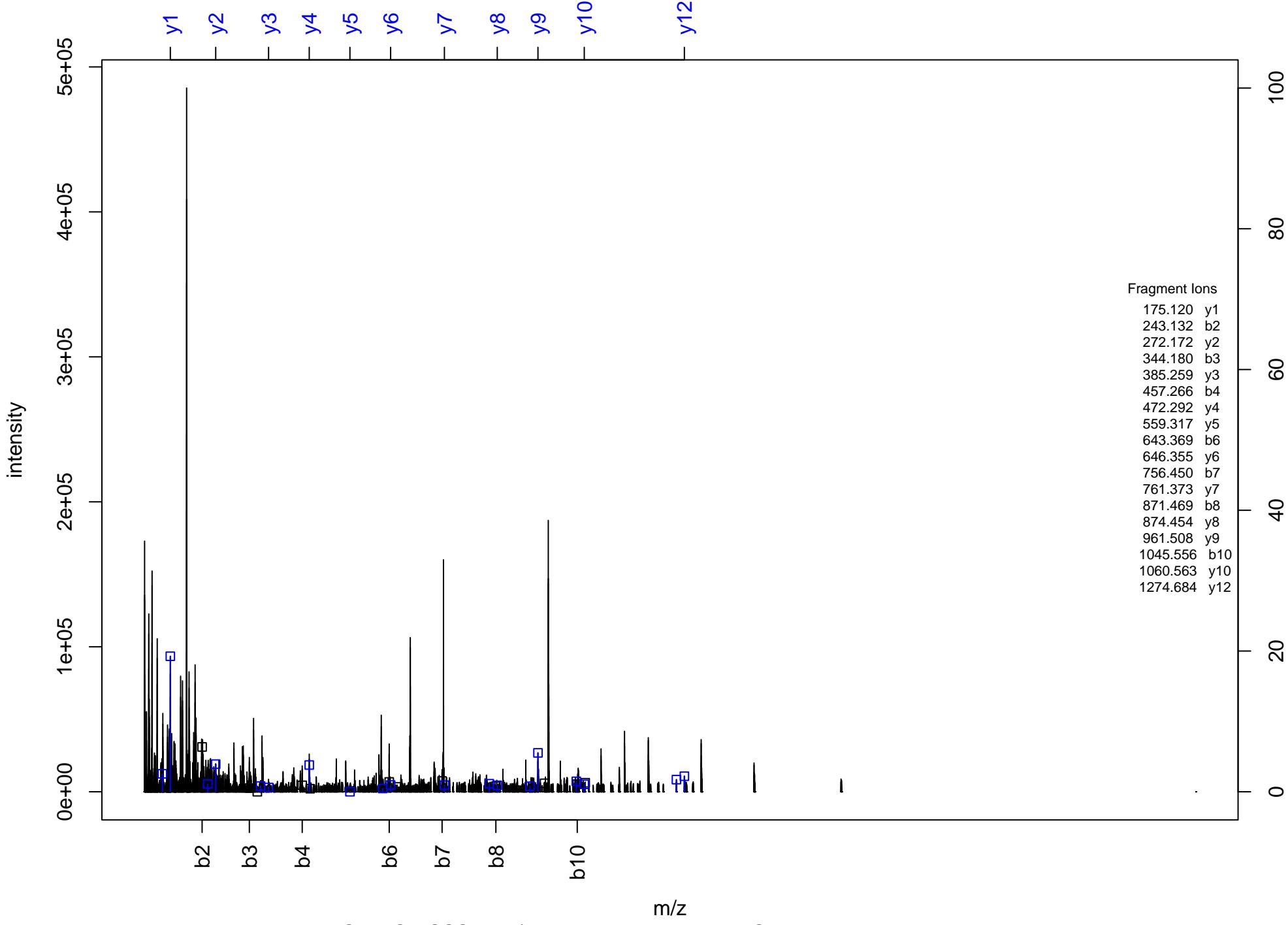
NIGFQ^DSKN^LQ^R



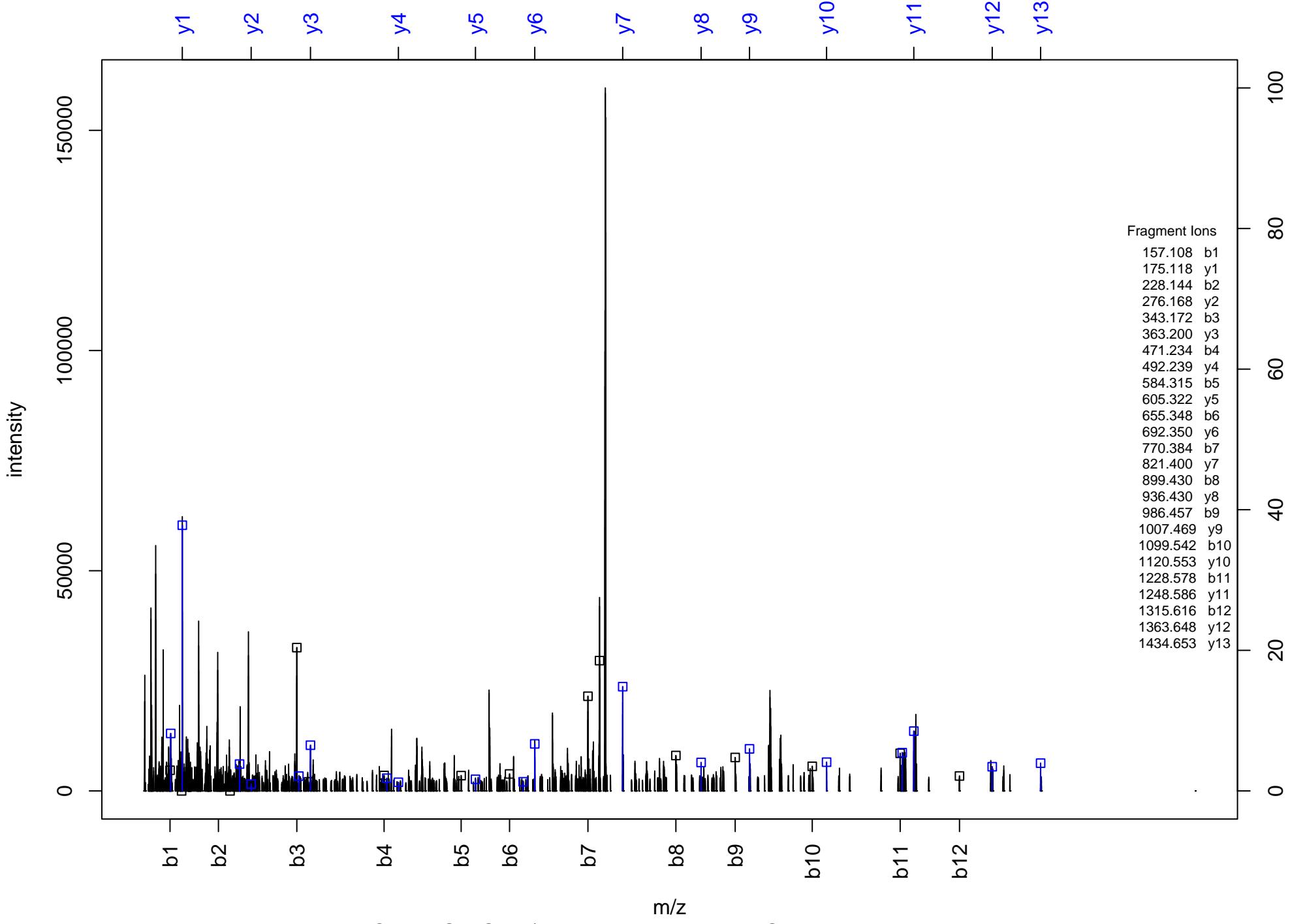
YVALTSLLQLVQSDHSAVQR



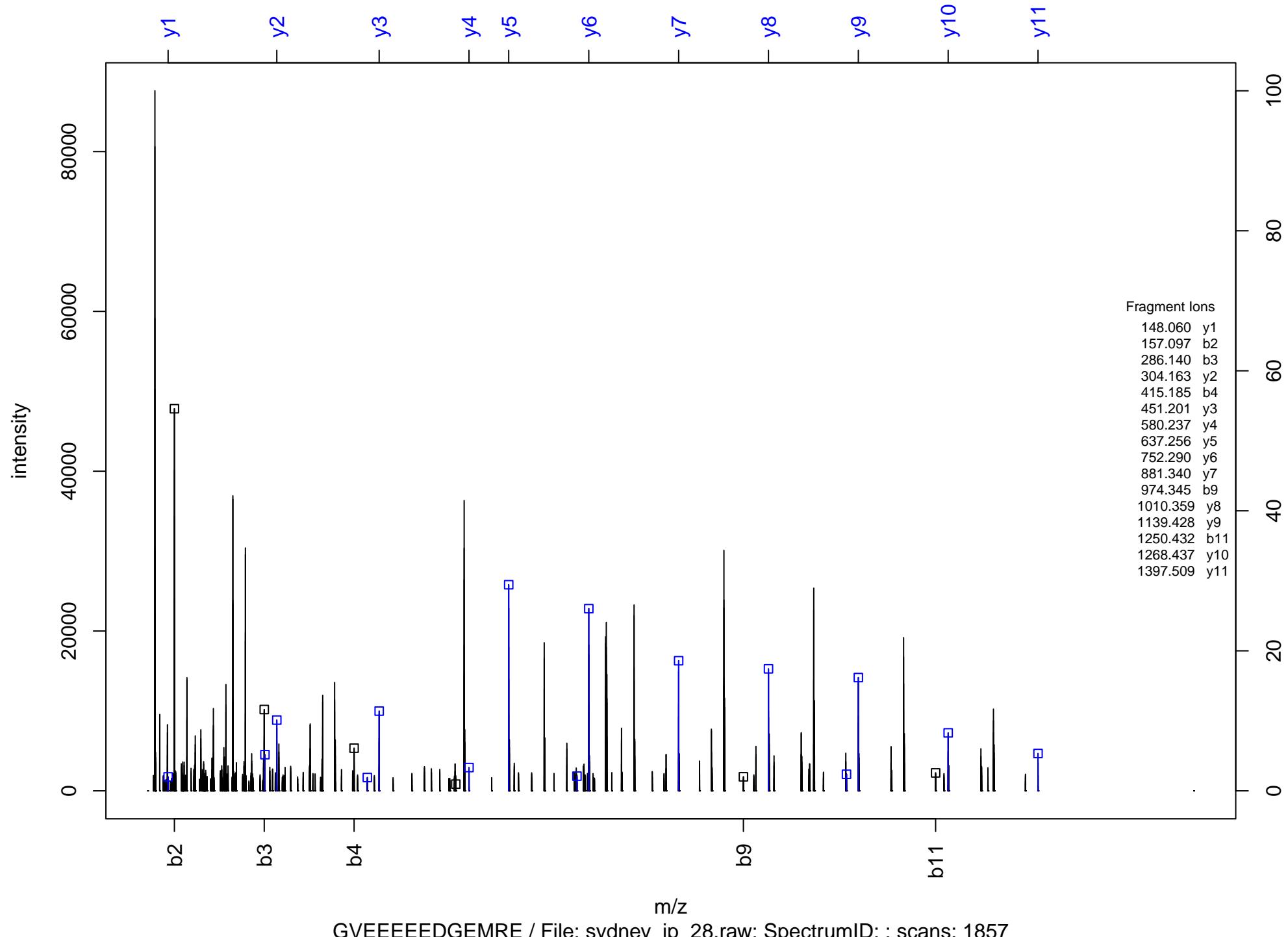
LQ^TLV\$IN^SSSLPR



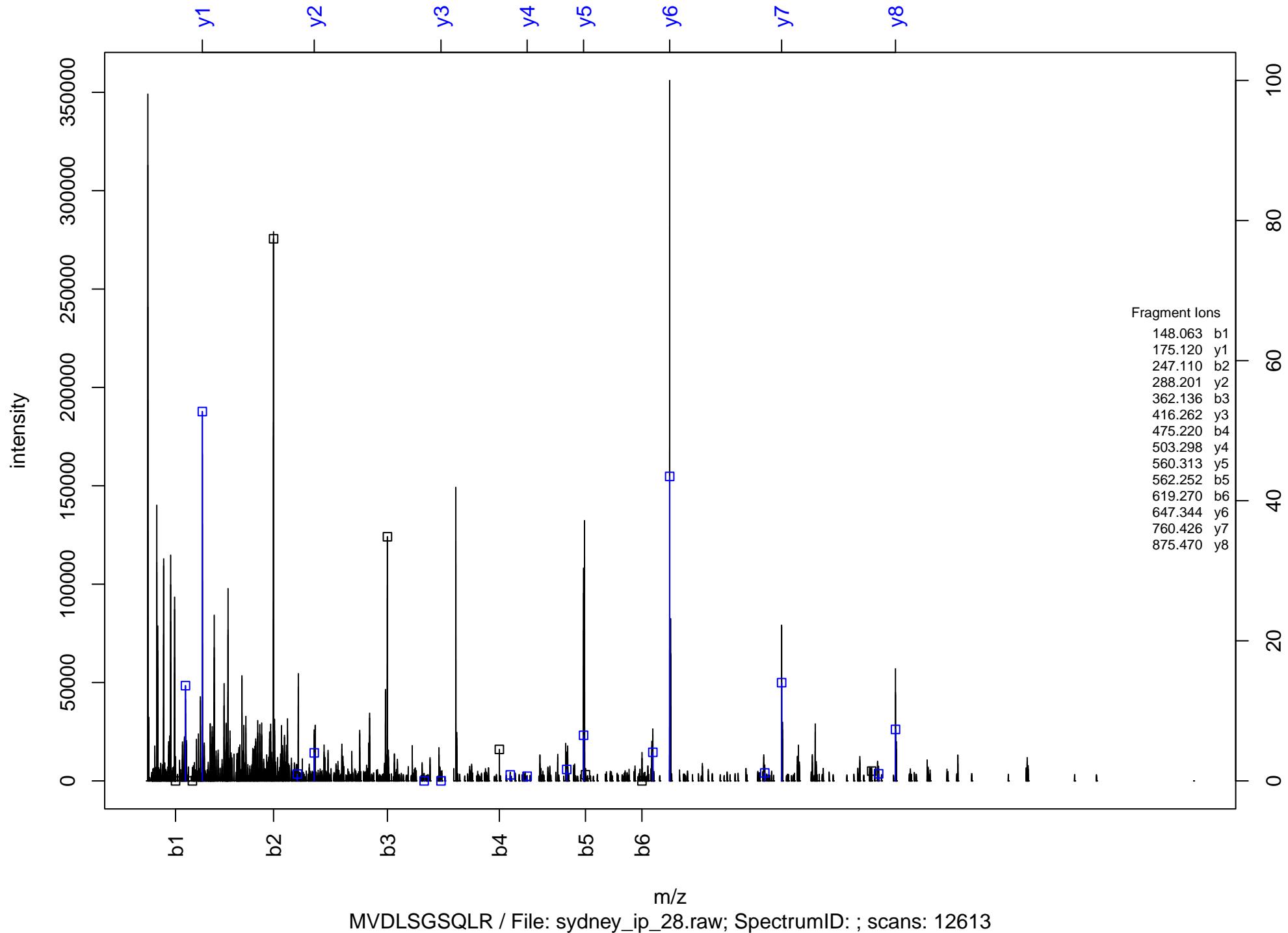
RADQLADESLESTR



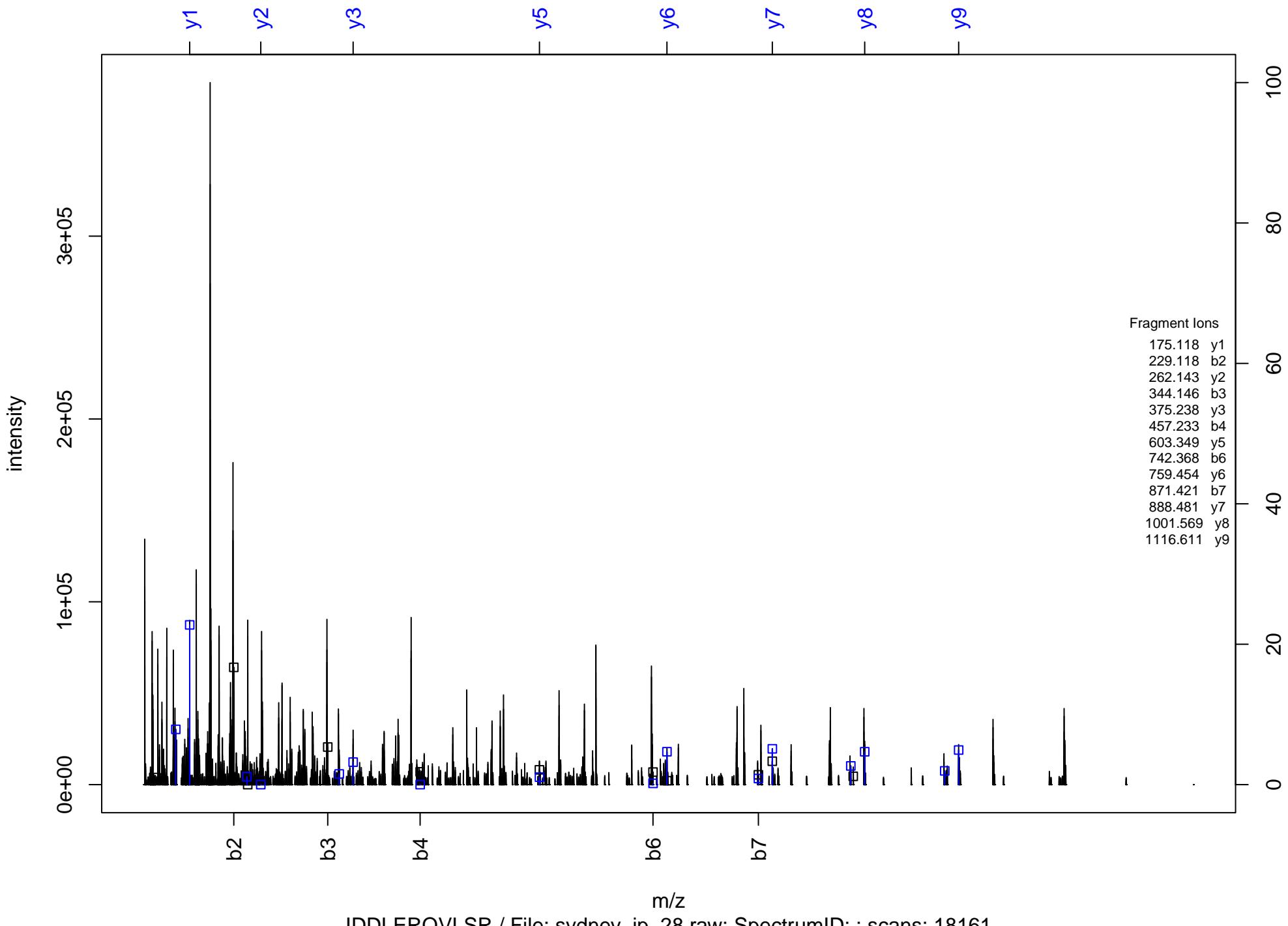
GVEEEEEDGE^{*}MRE



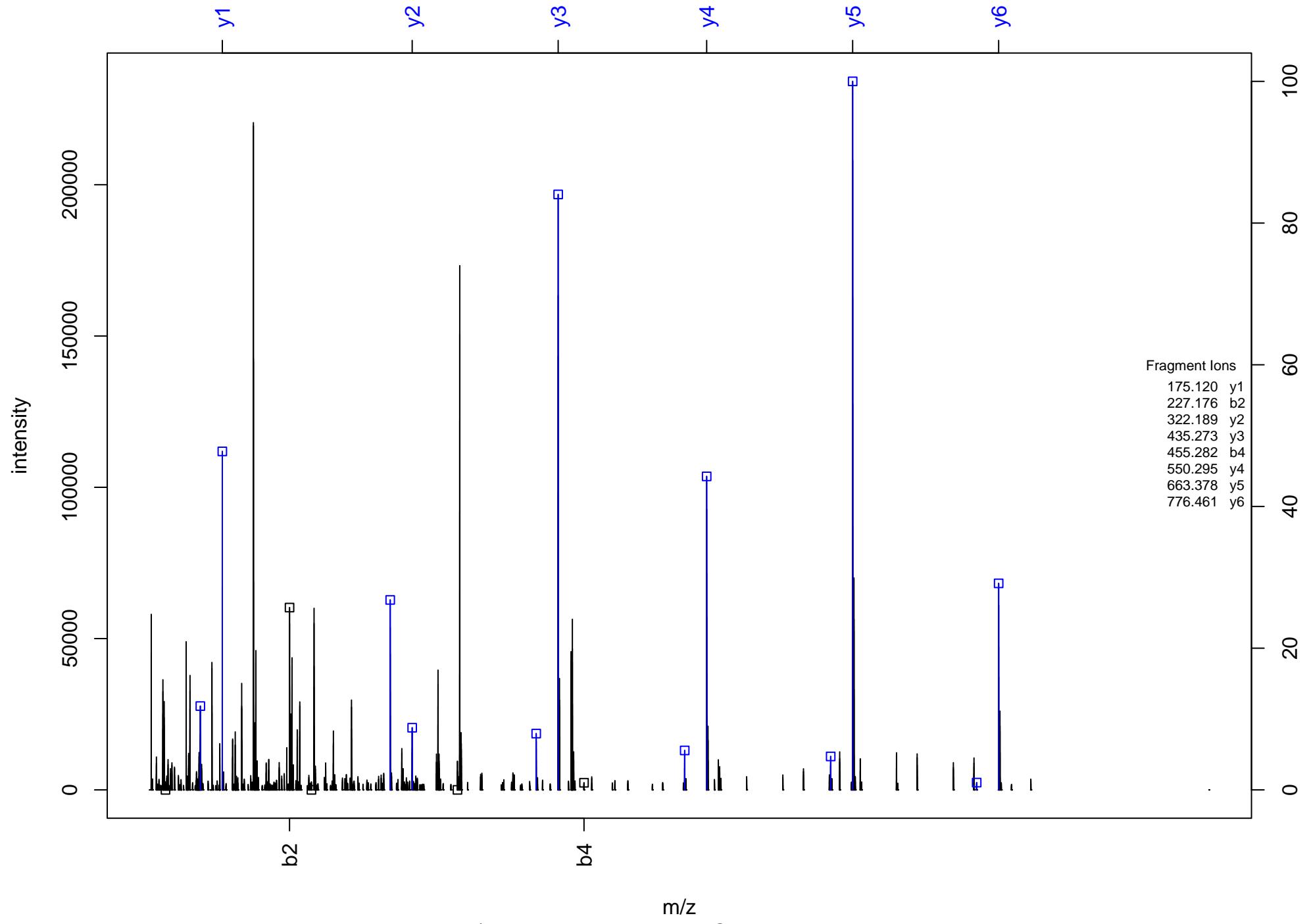
M*VDLSQLR



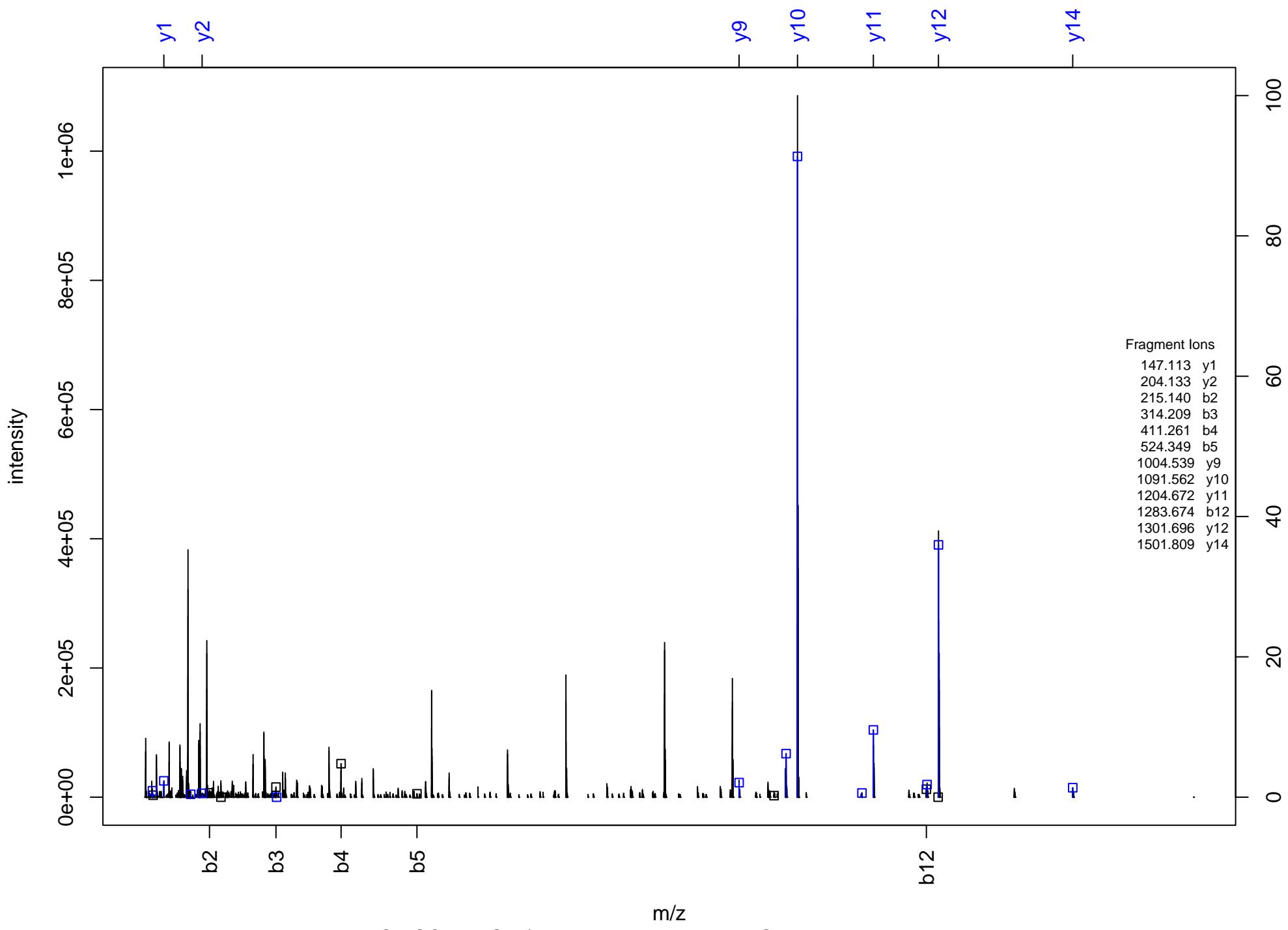
IDDLERQ^VLSR



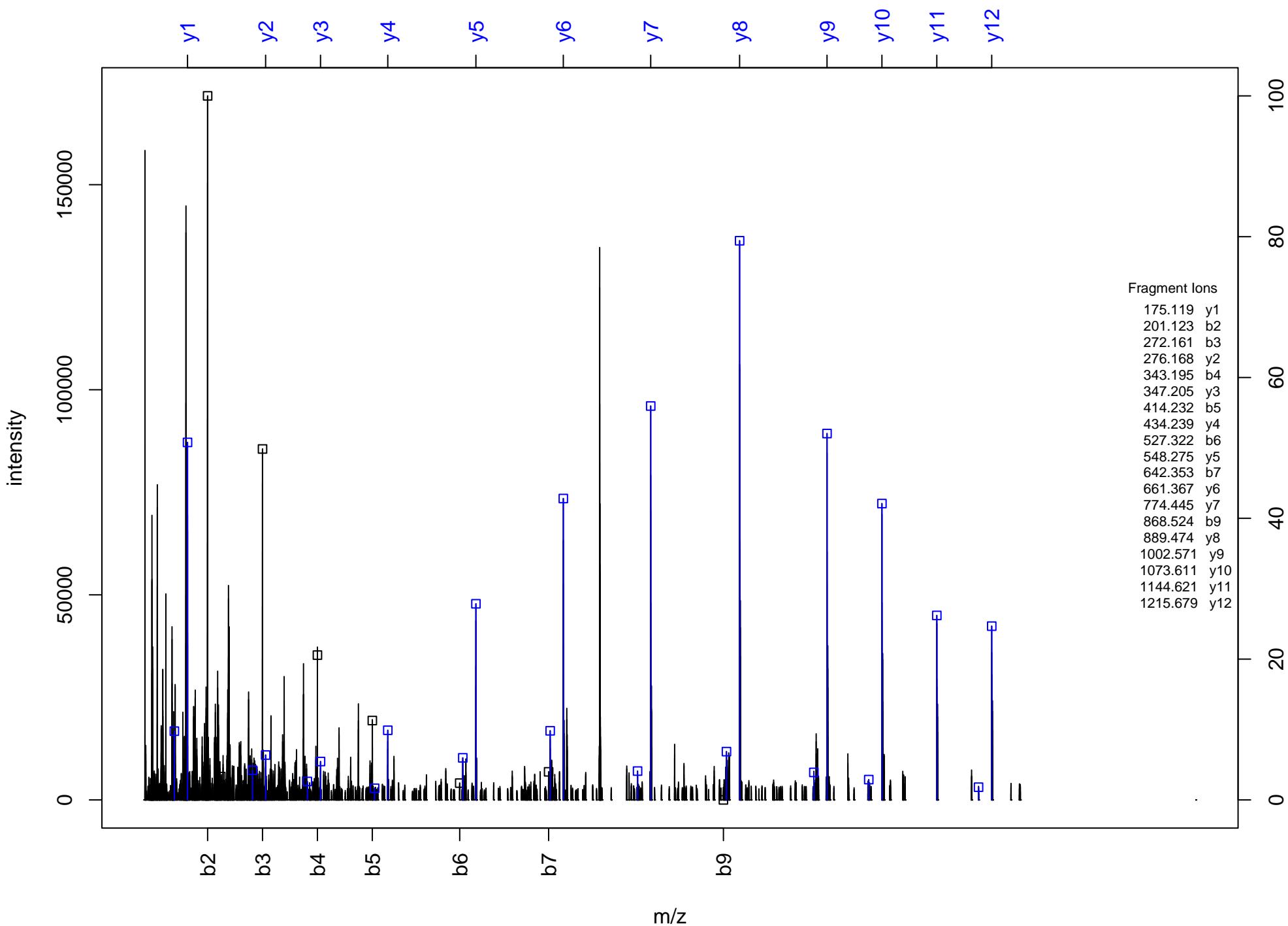
LILN^ALFR



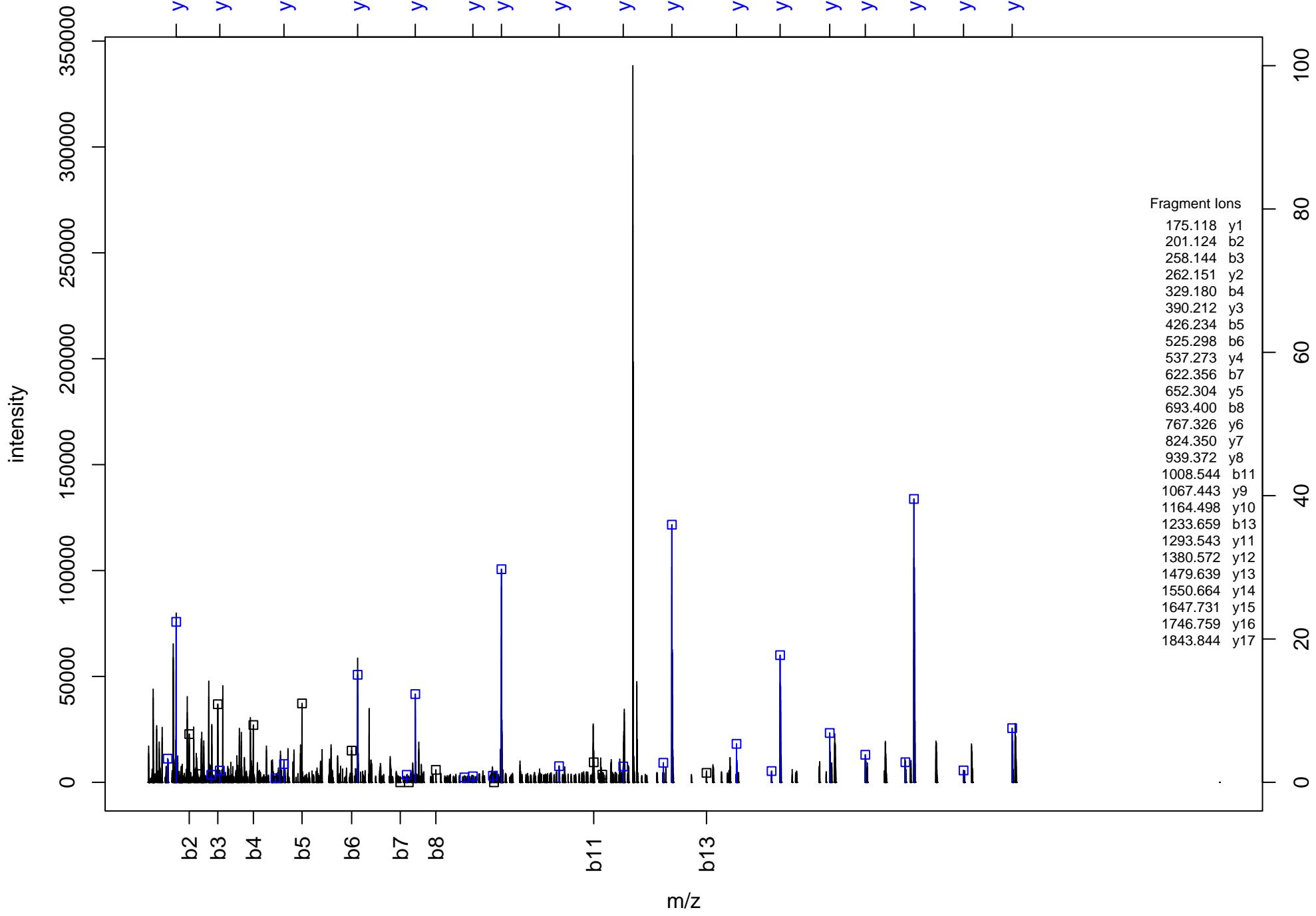
ITVPLSVISQ^{PM}*KGK



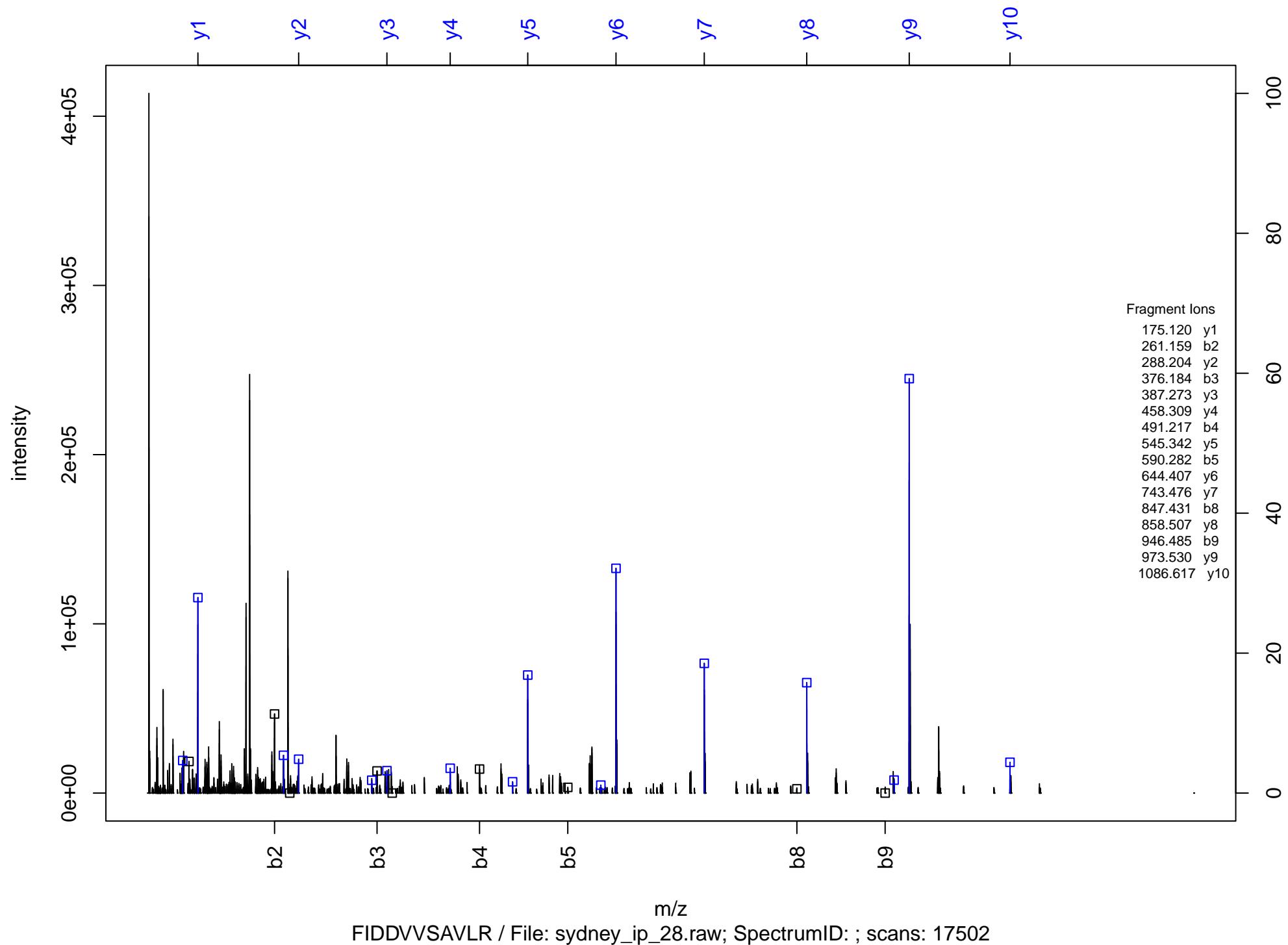
SLAAALDILNSATR



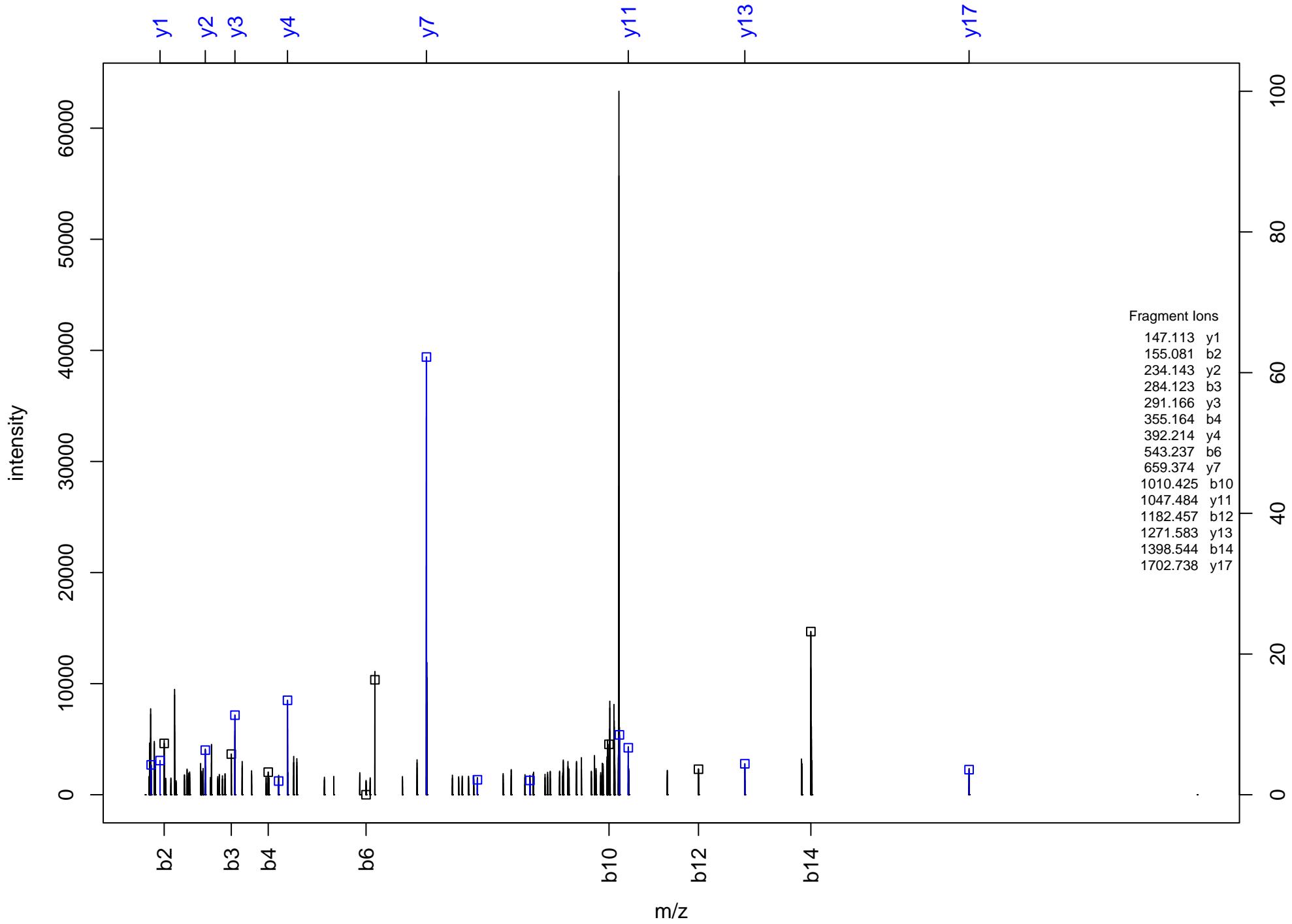
VTGAPVPAVSEPQDGDDFQSR



FIDDVSAVLR

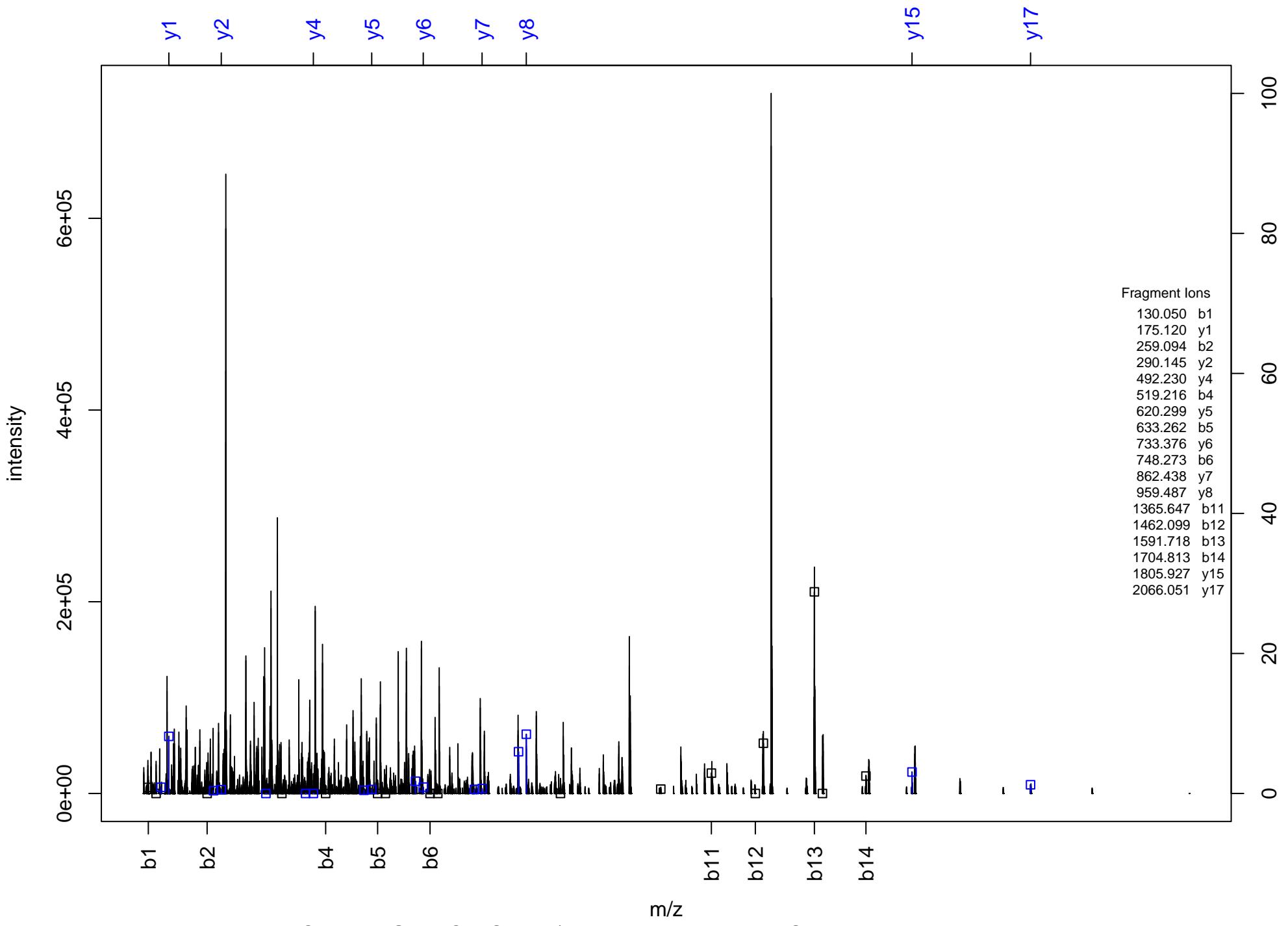


GPEASTQDSHGDTPGLTGSK

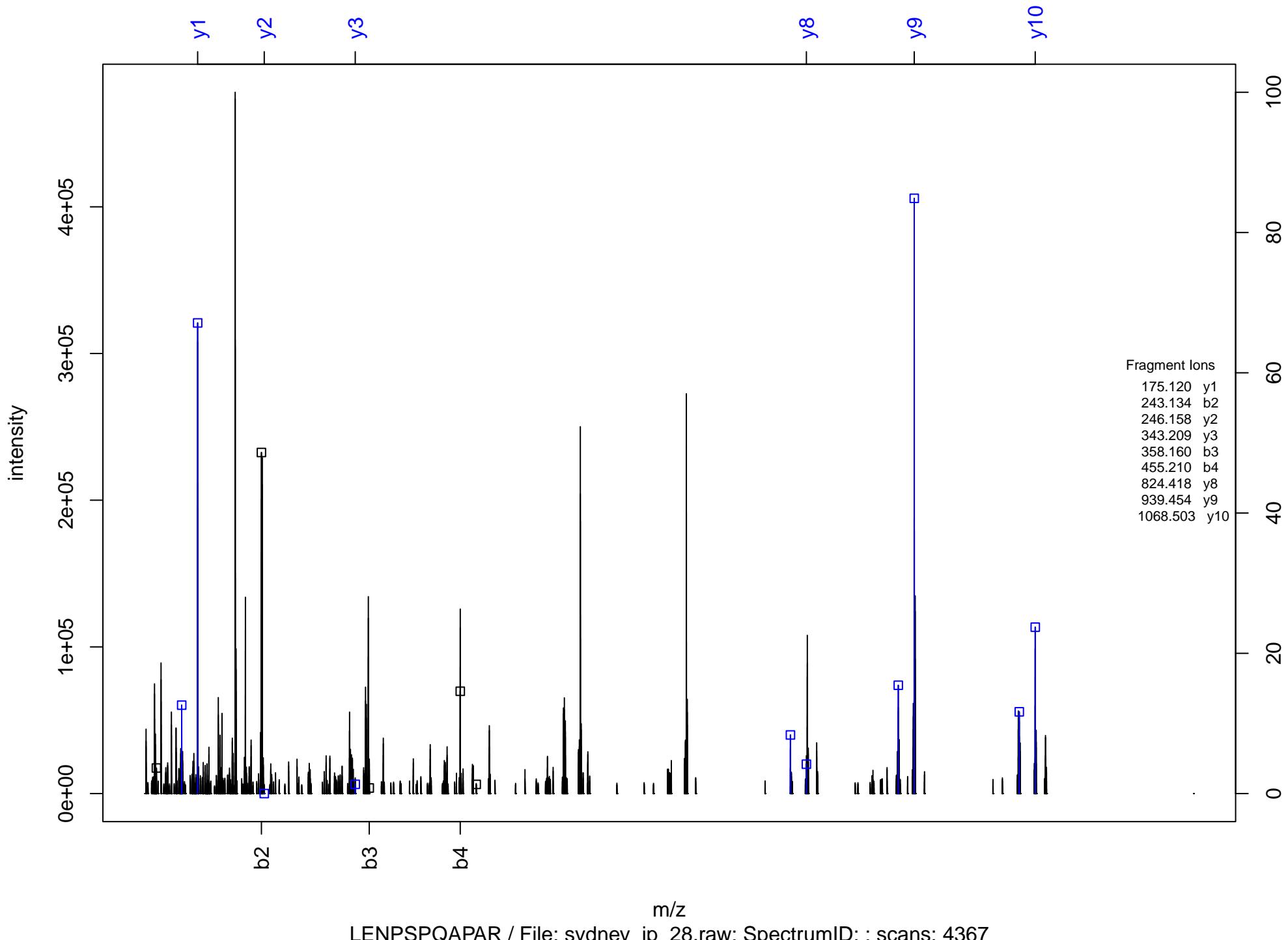


GPEASTQDSHGDTPGLTGSK / File: sydney_ip_28.raw; SpectrumID: ; scans: 2232

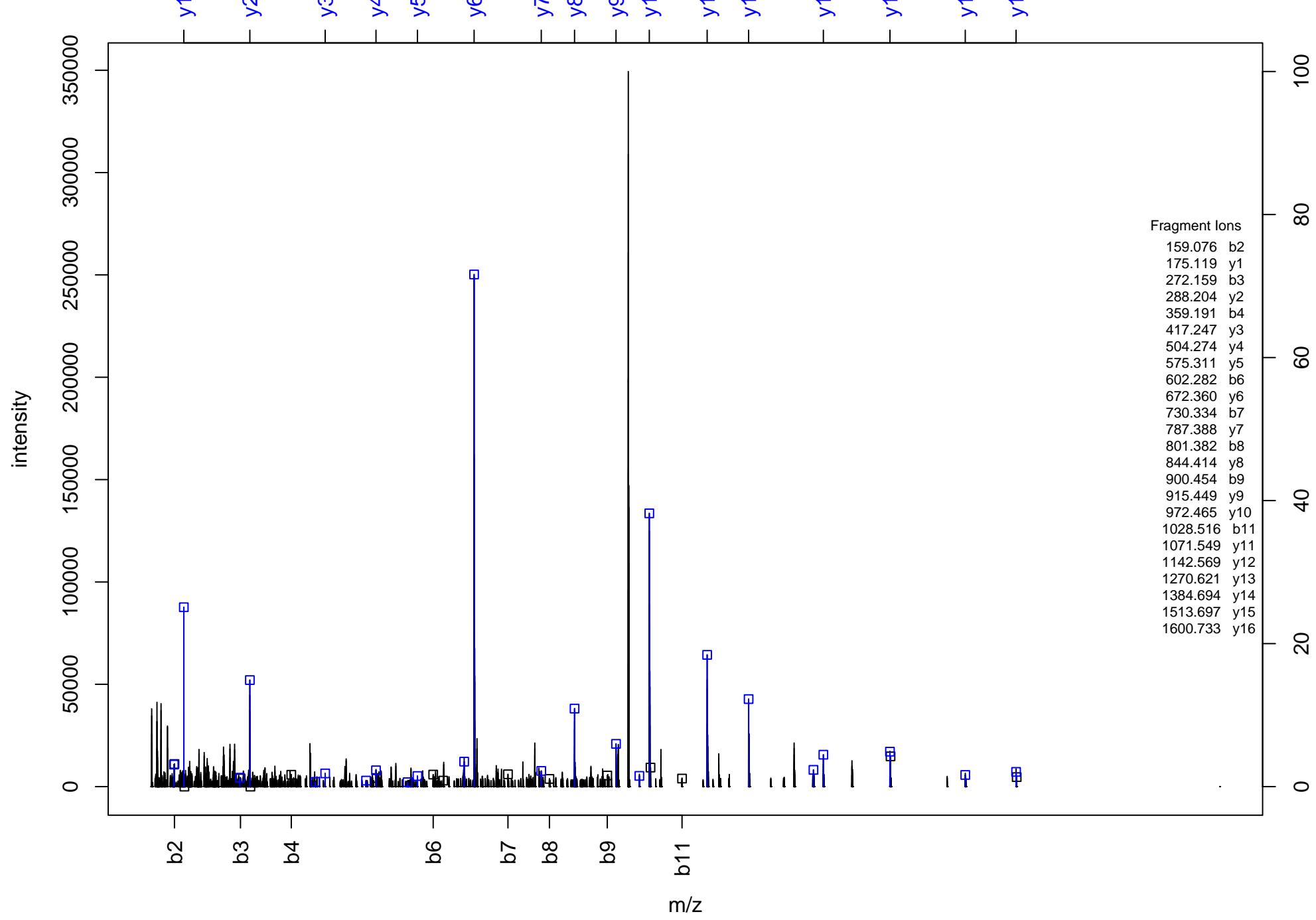
EQ^M*INDRIGYKPQ^LKSNNR



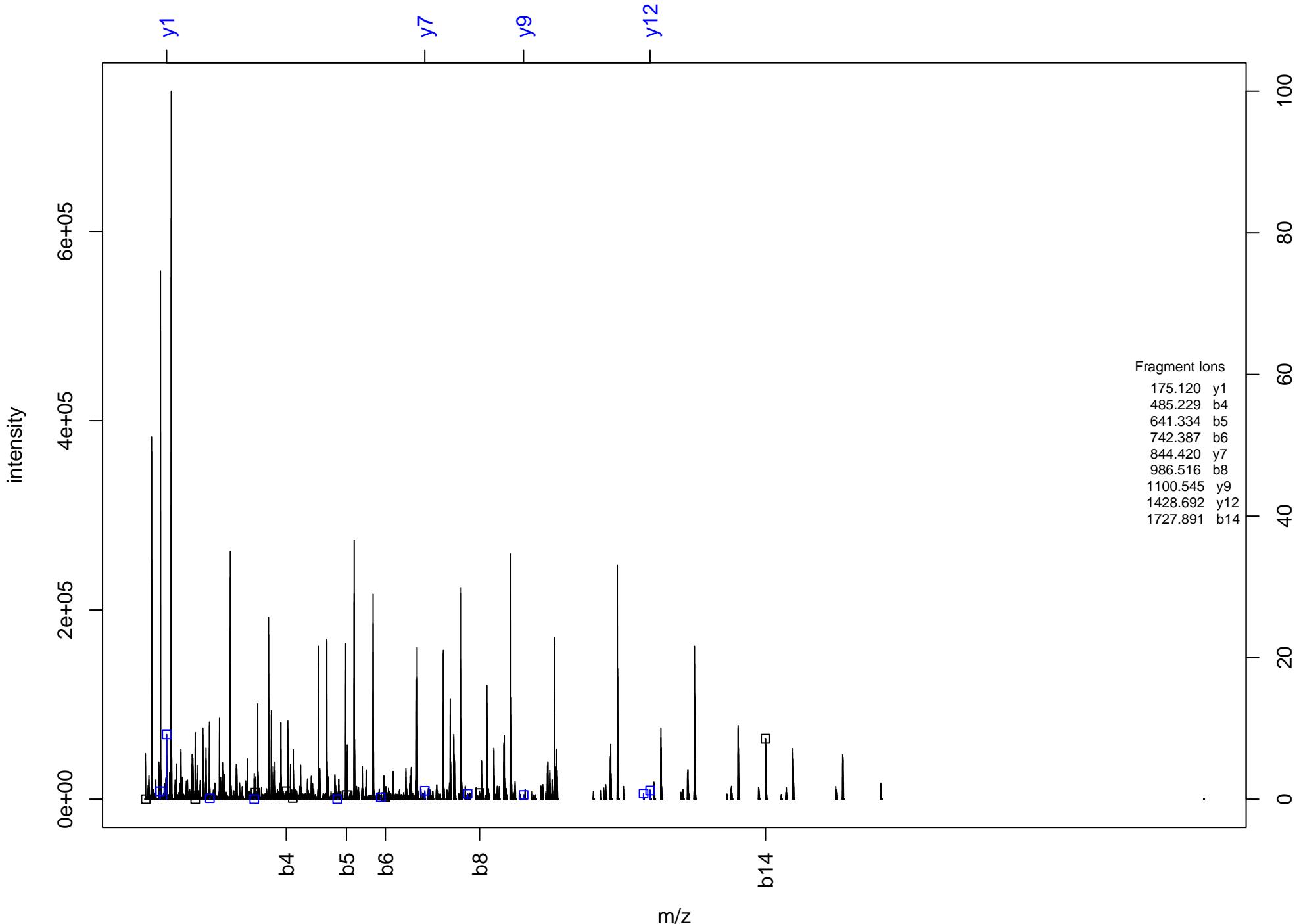
LEN^PSPQ^APAR



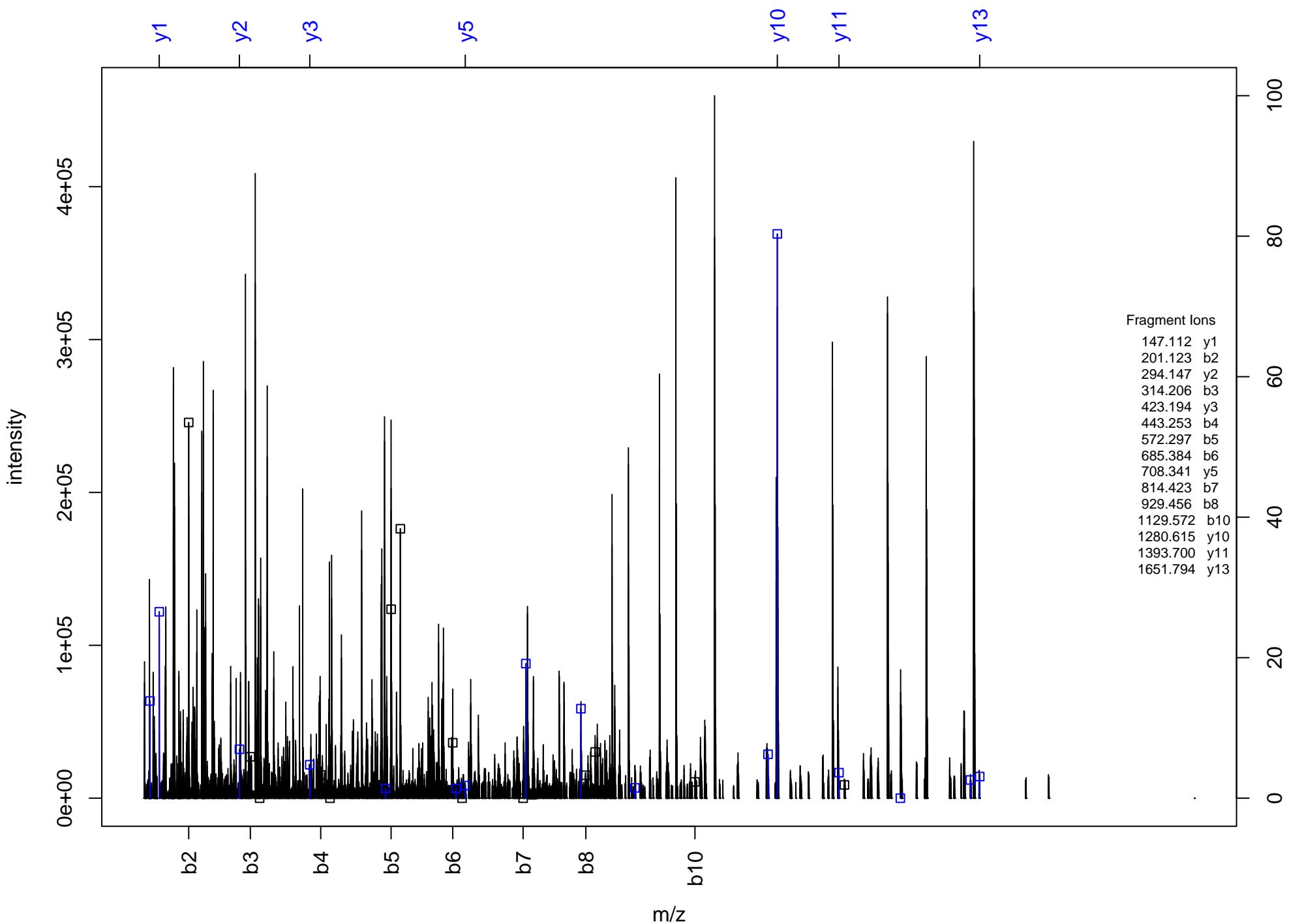
GTISENQAVGAGDPASELR



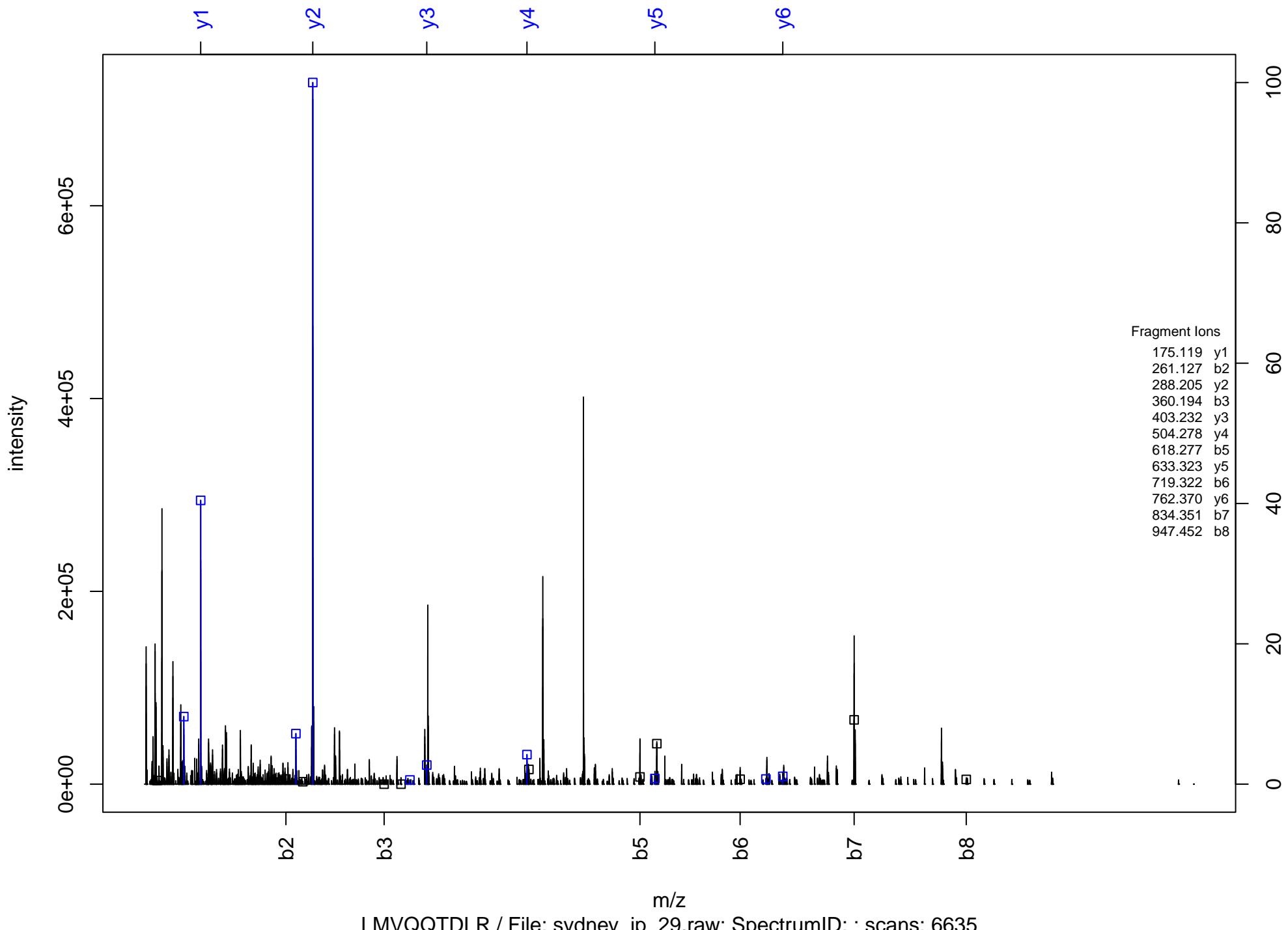
CQRPRTLMRQ^QSLQQPLSQN^Q^R



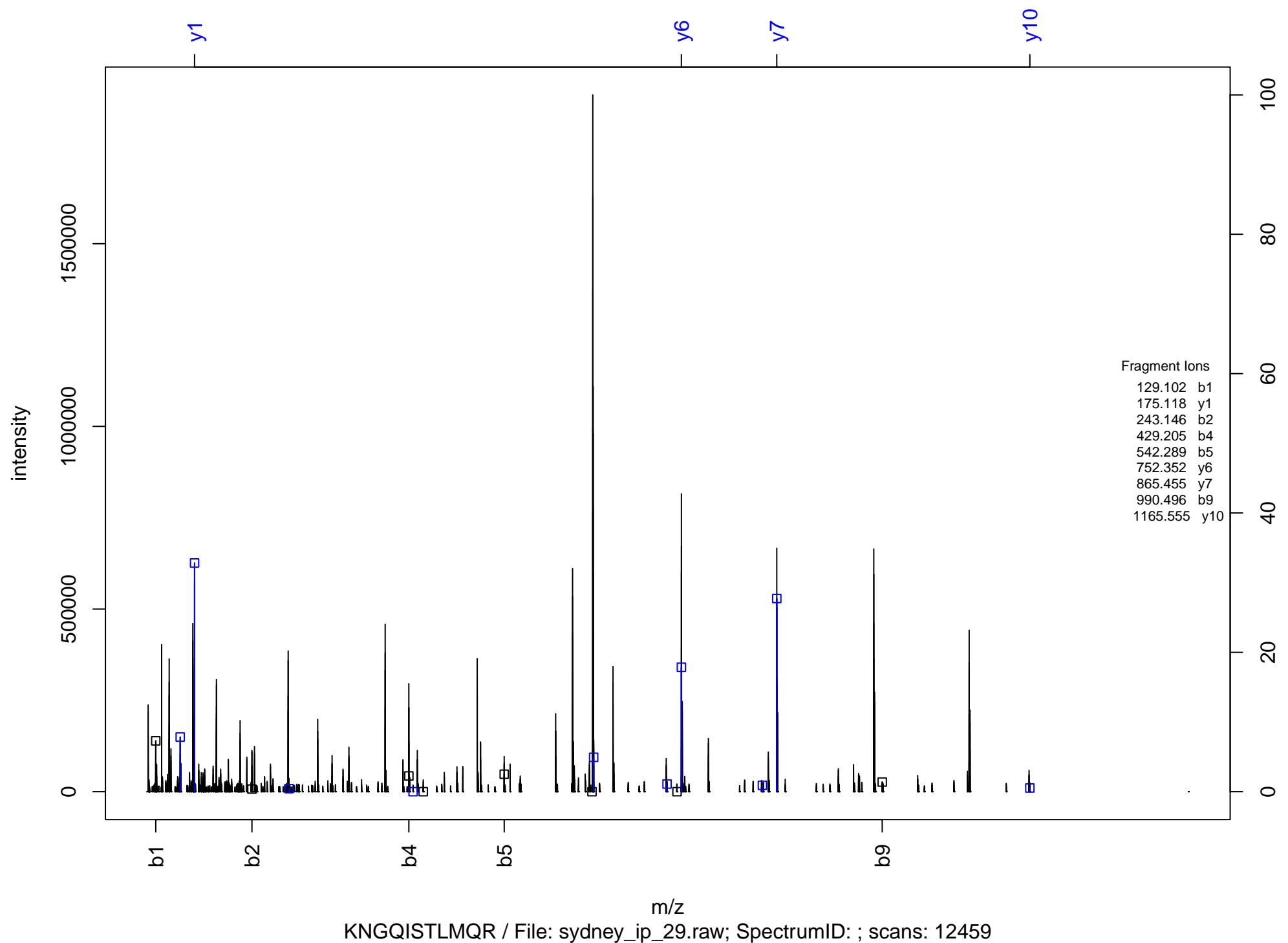
SLLQ^AQ^ALEN^AVTKERQ^{M*}K



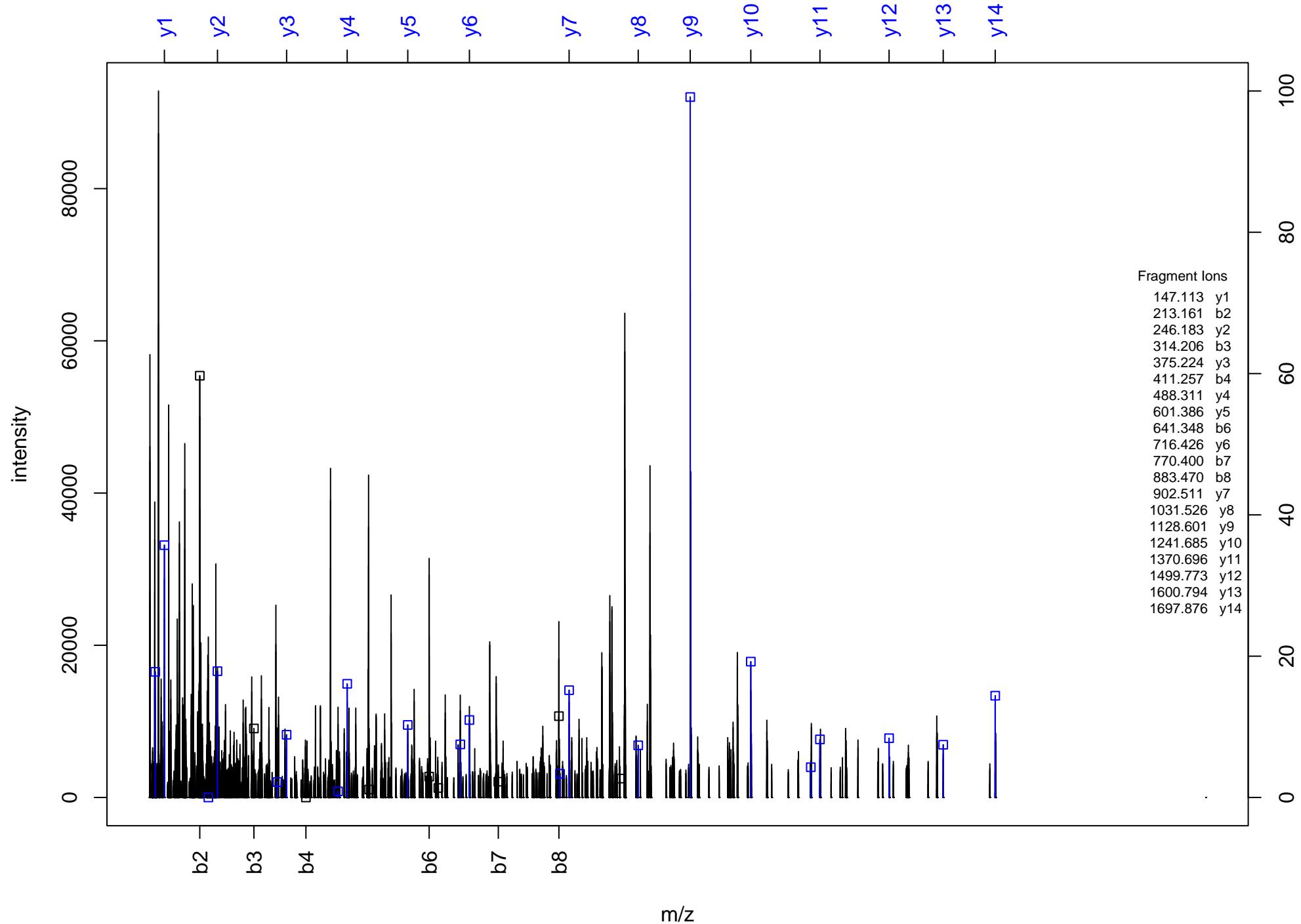
LM*VQ^Q^TDLR



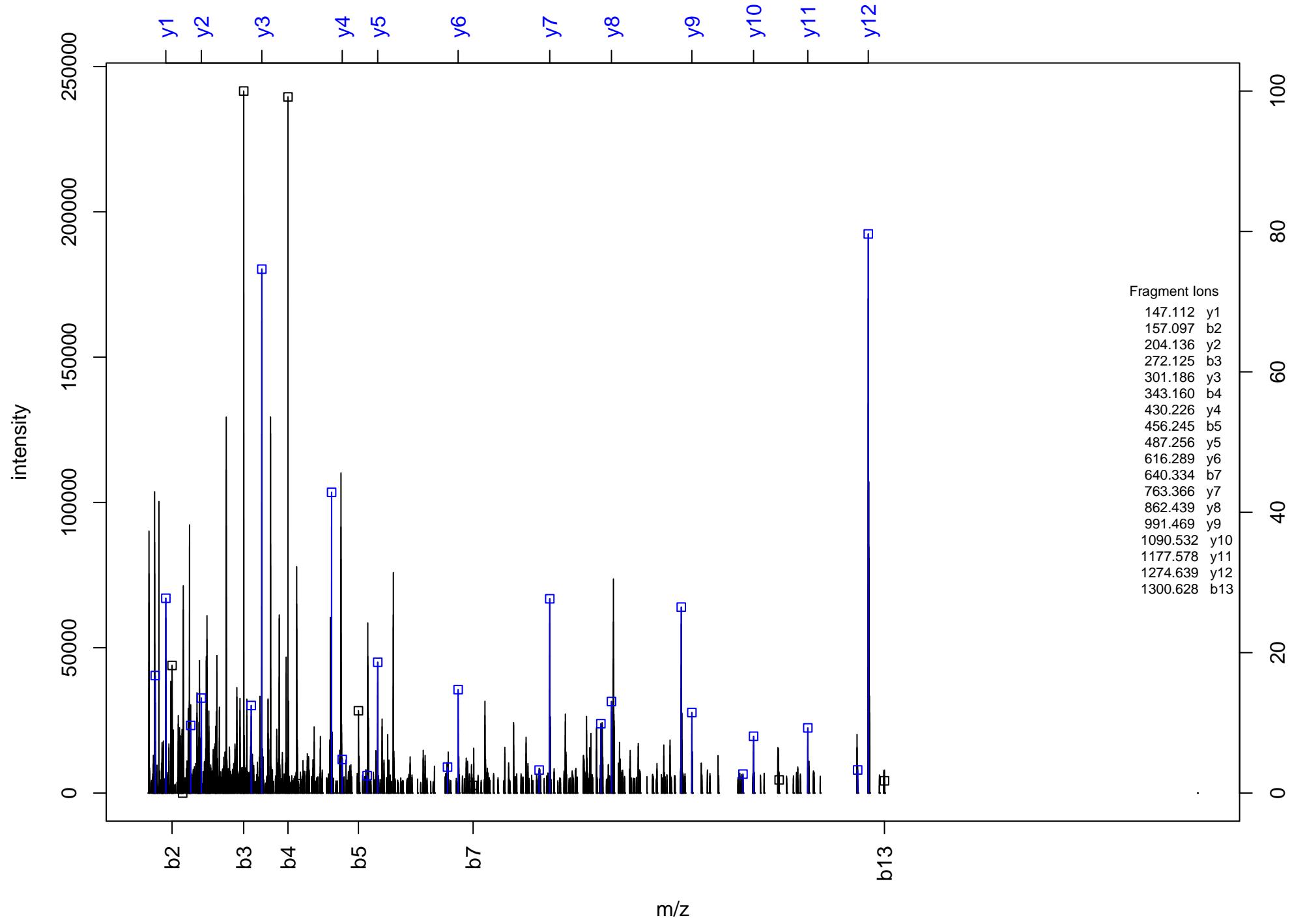
KNGQ^ISTLM*Q^R



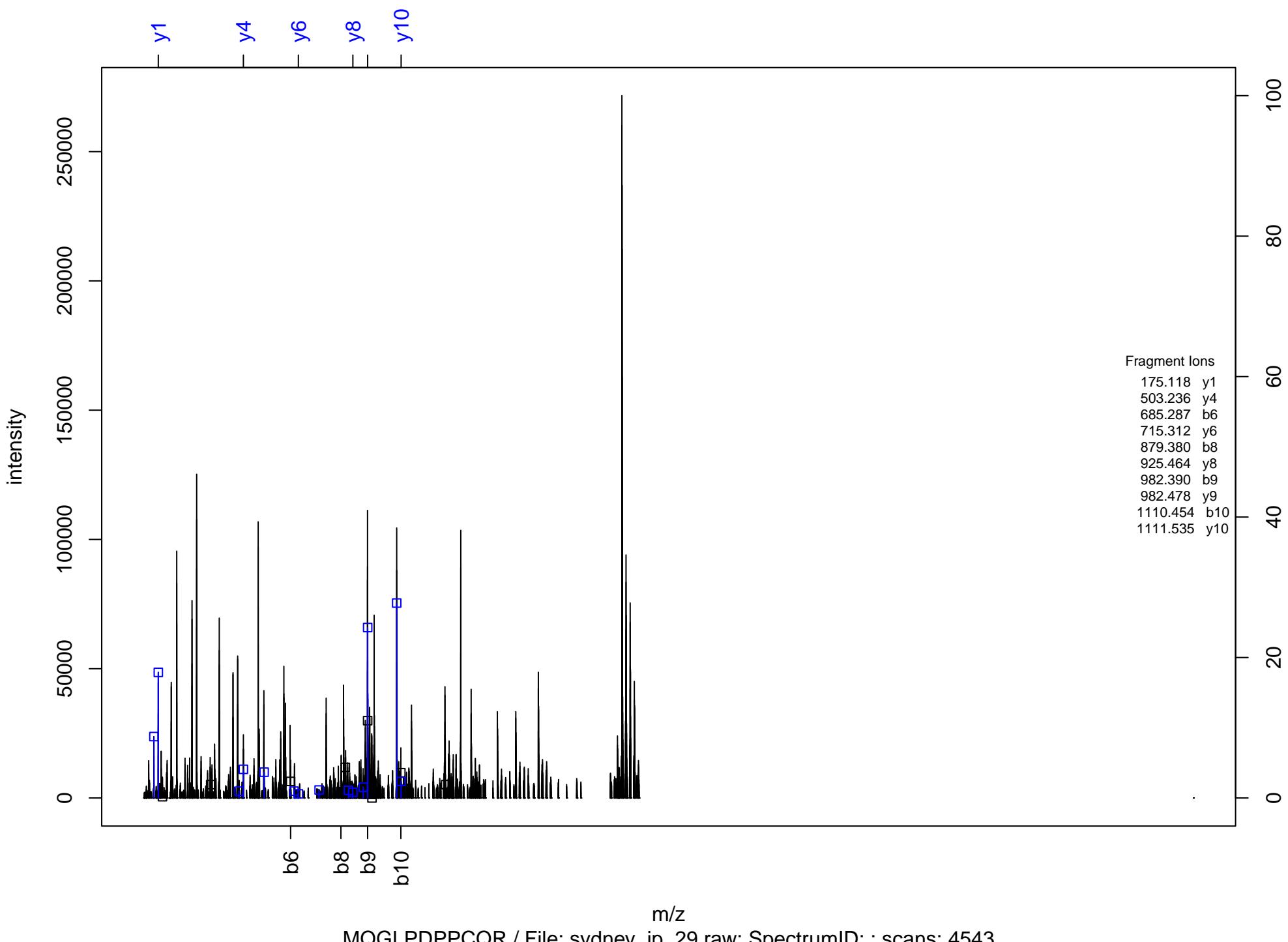
LVTPTTEELPEWDLIEVK



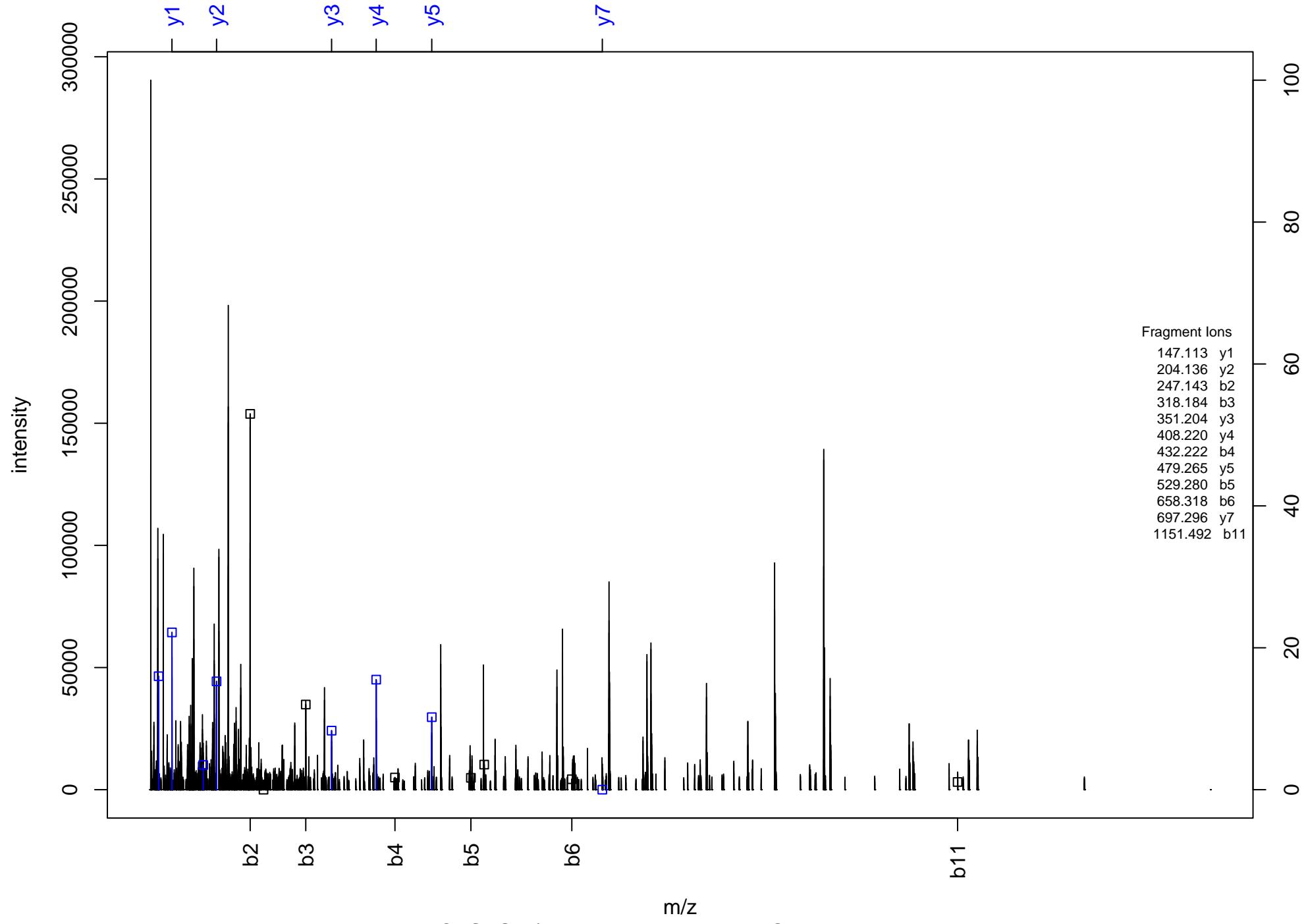
VGDAIPSVEVFEGEPEGK



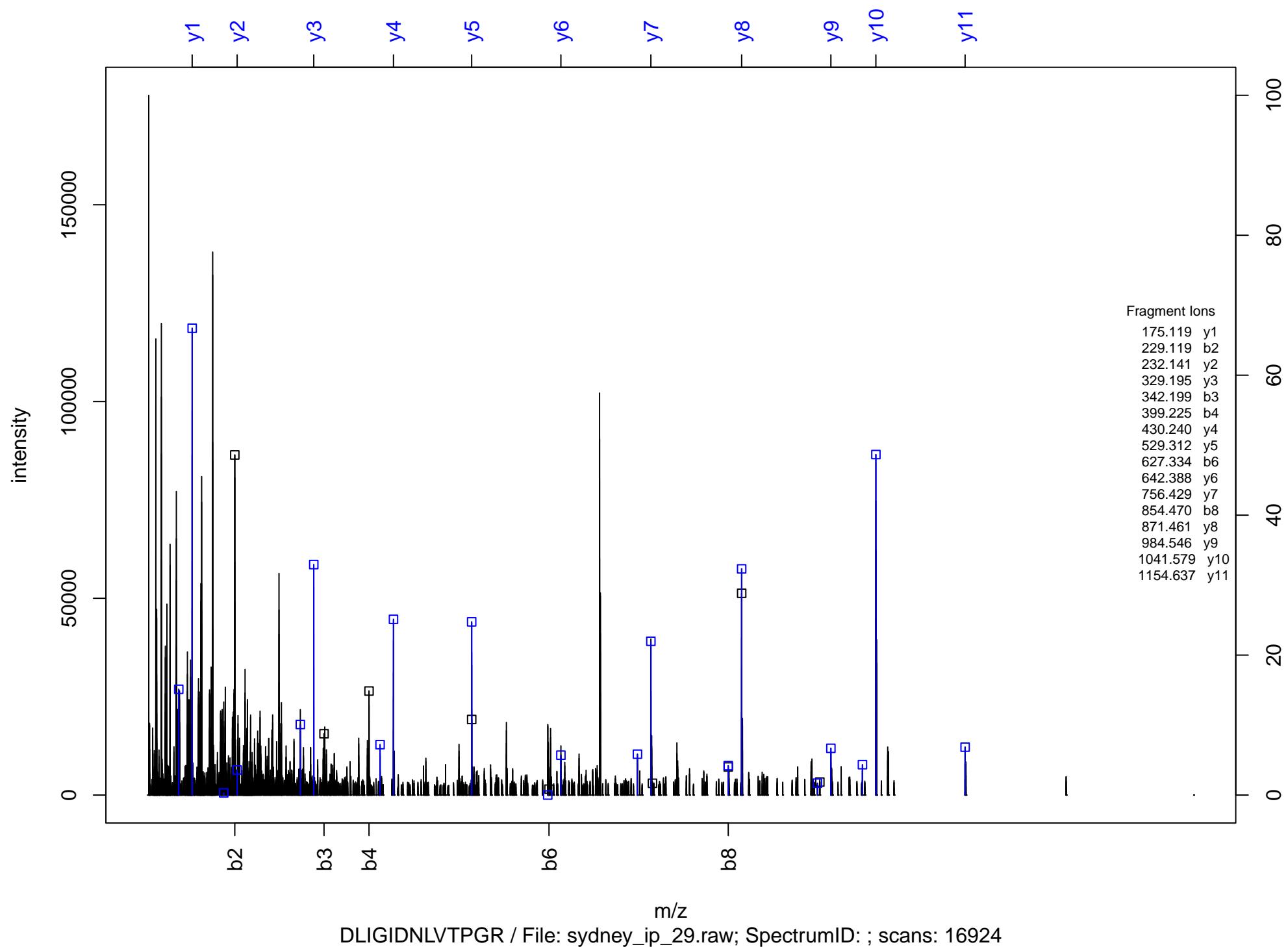
(Ac)MQ[^]GLPDPPCQR



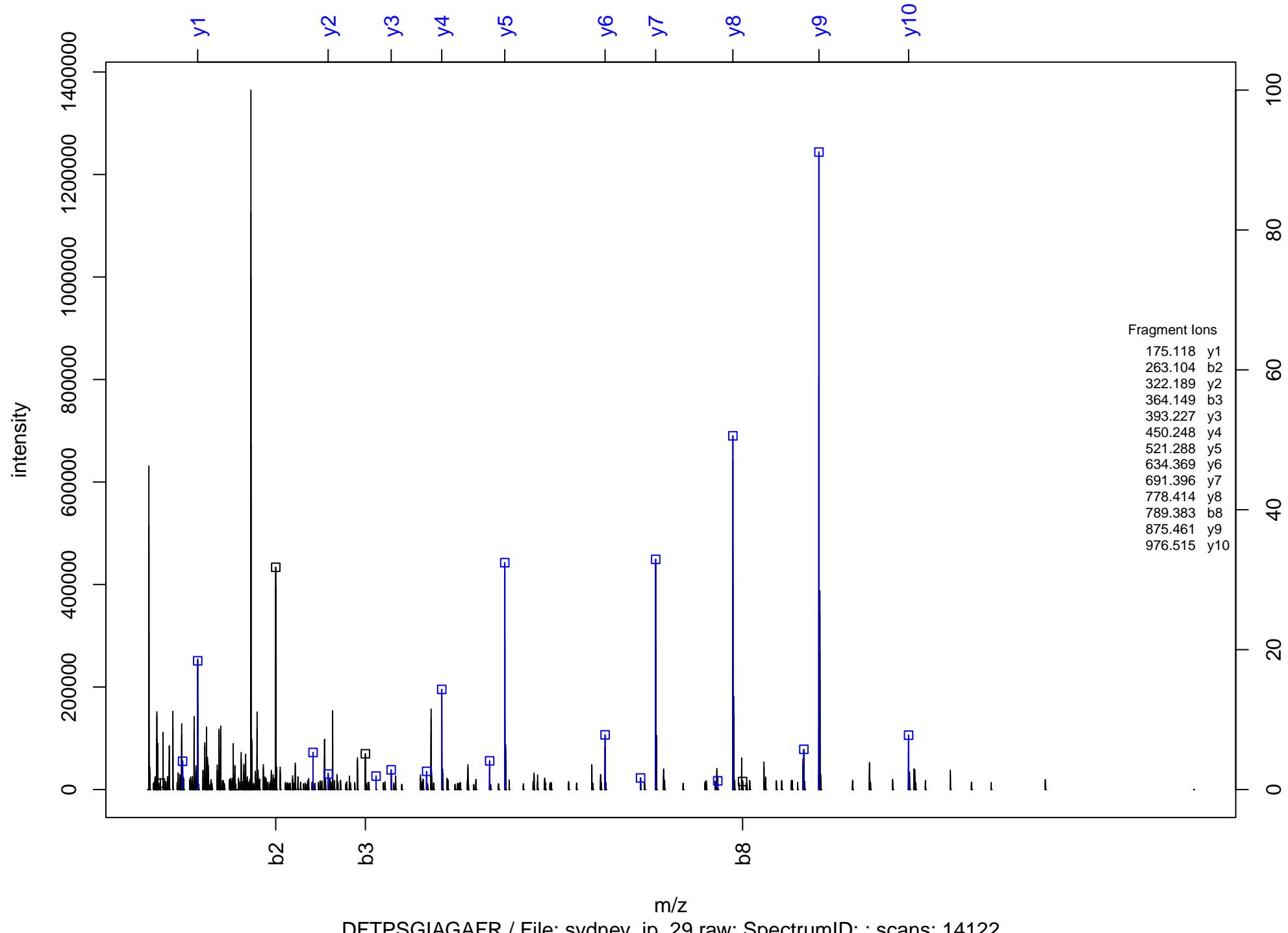
VFANPEDCAGFGK



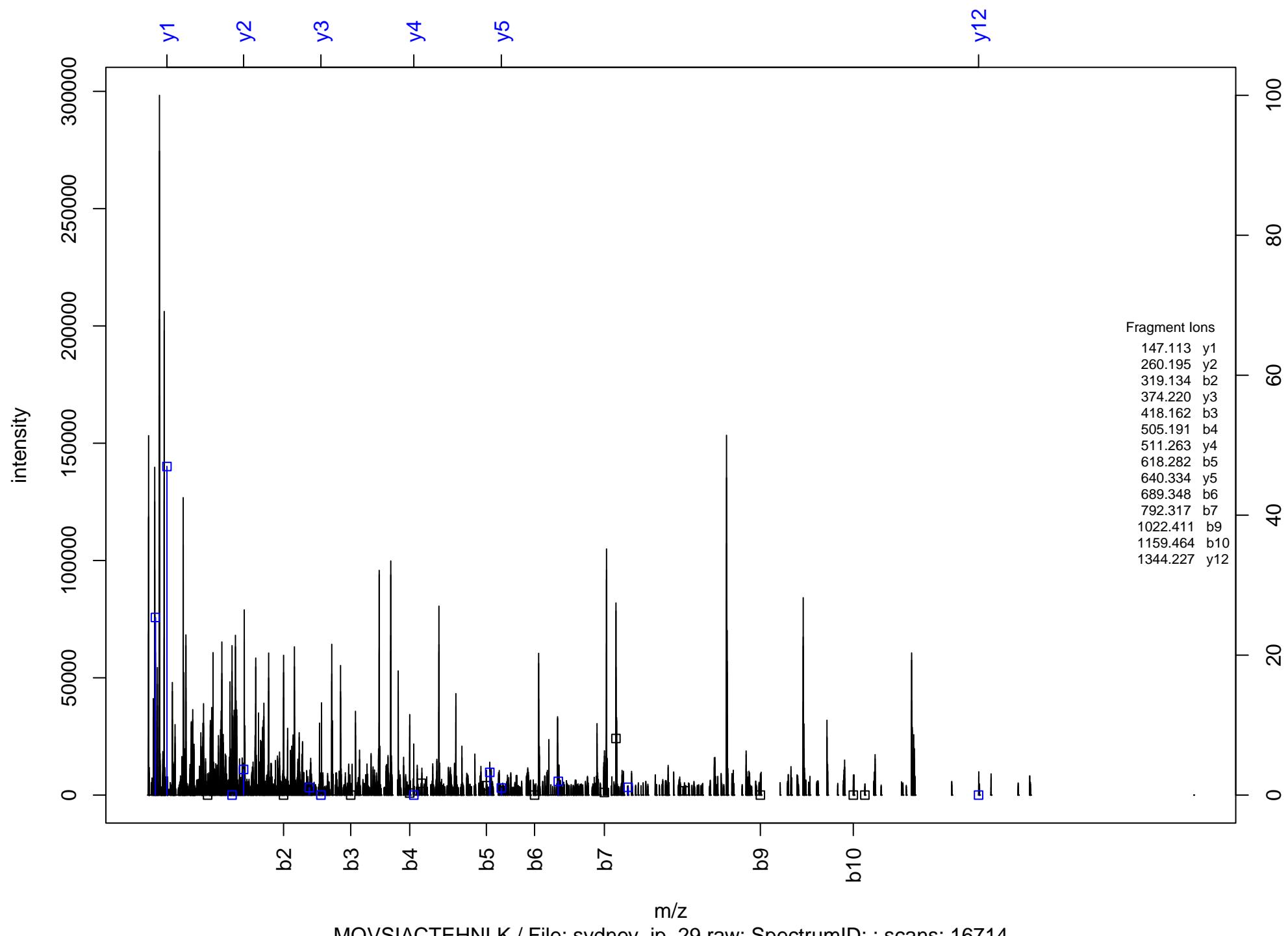
DLIGIDNLVTPGR



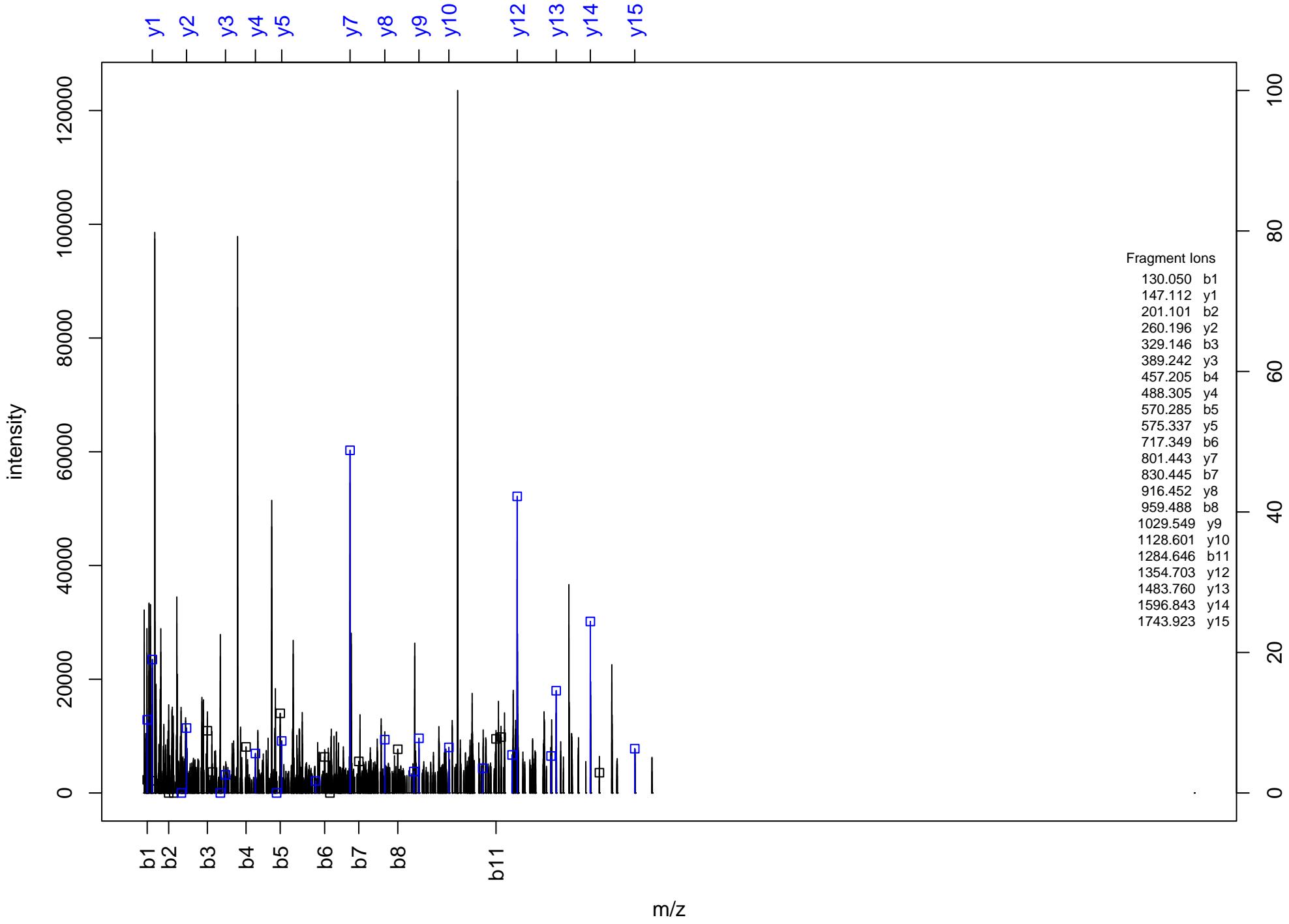
DFTPSGIAGAFR



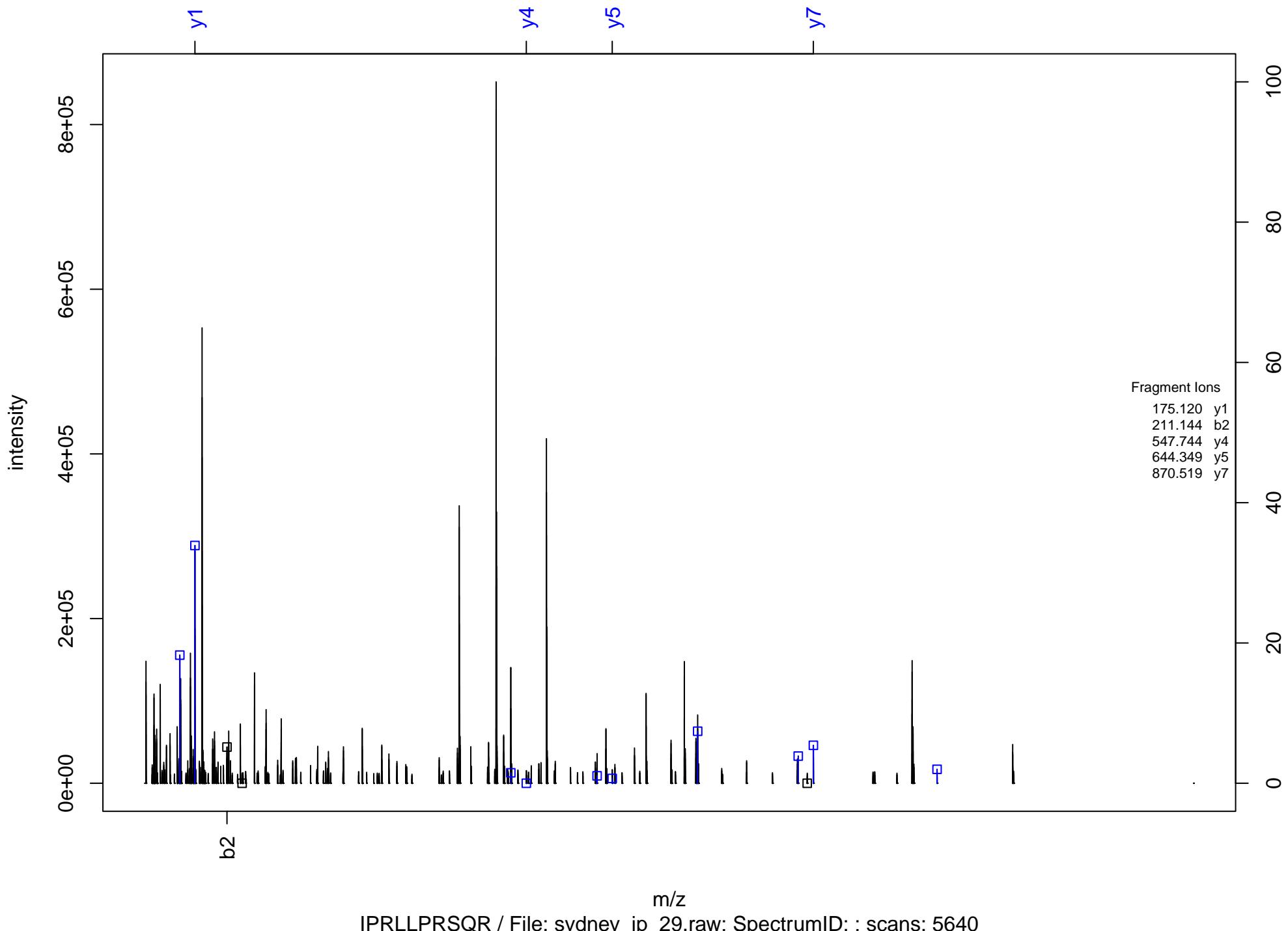
(Ac)M^{*}Q⁺VSIACTEHNLK



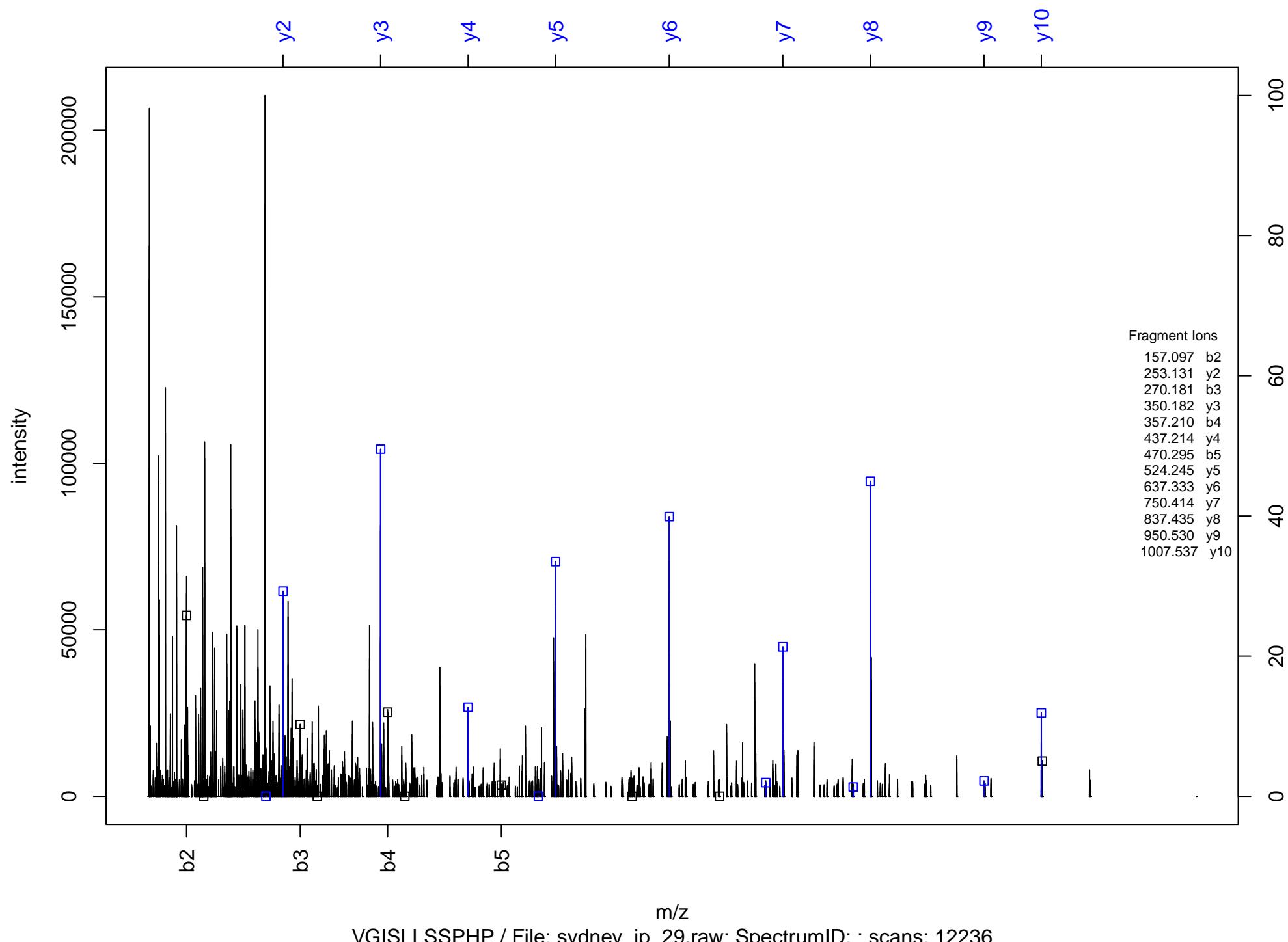
EAQQLFLEPEVLDPESVELK



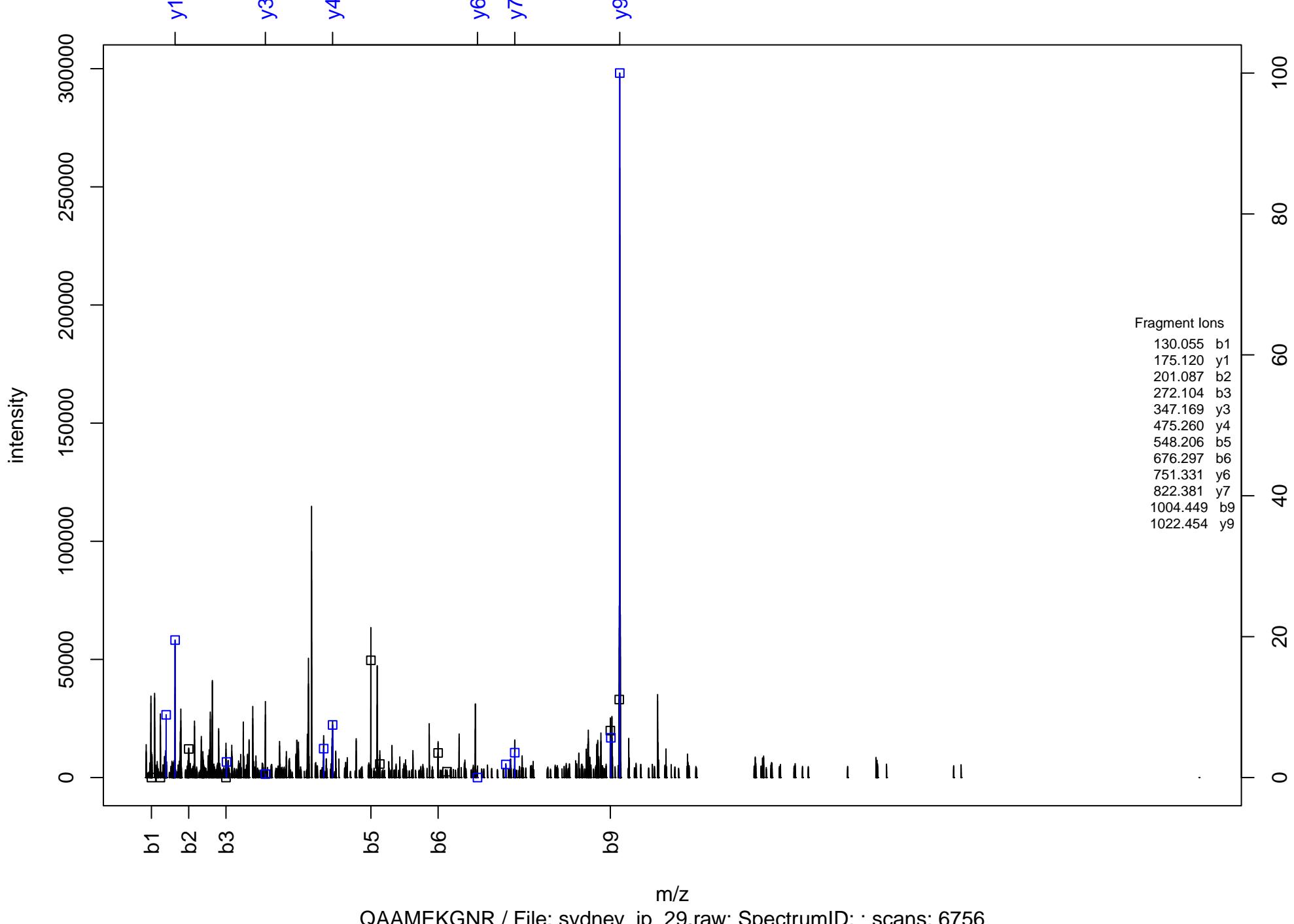
IPRLLLPRSQR



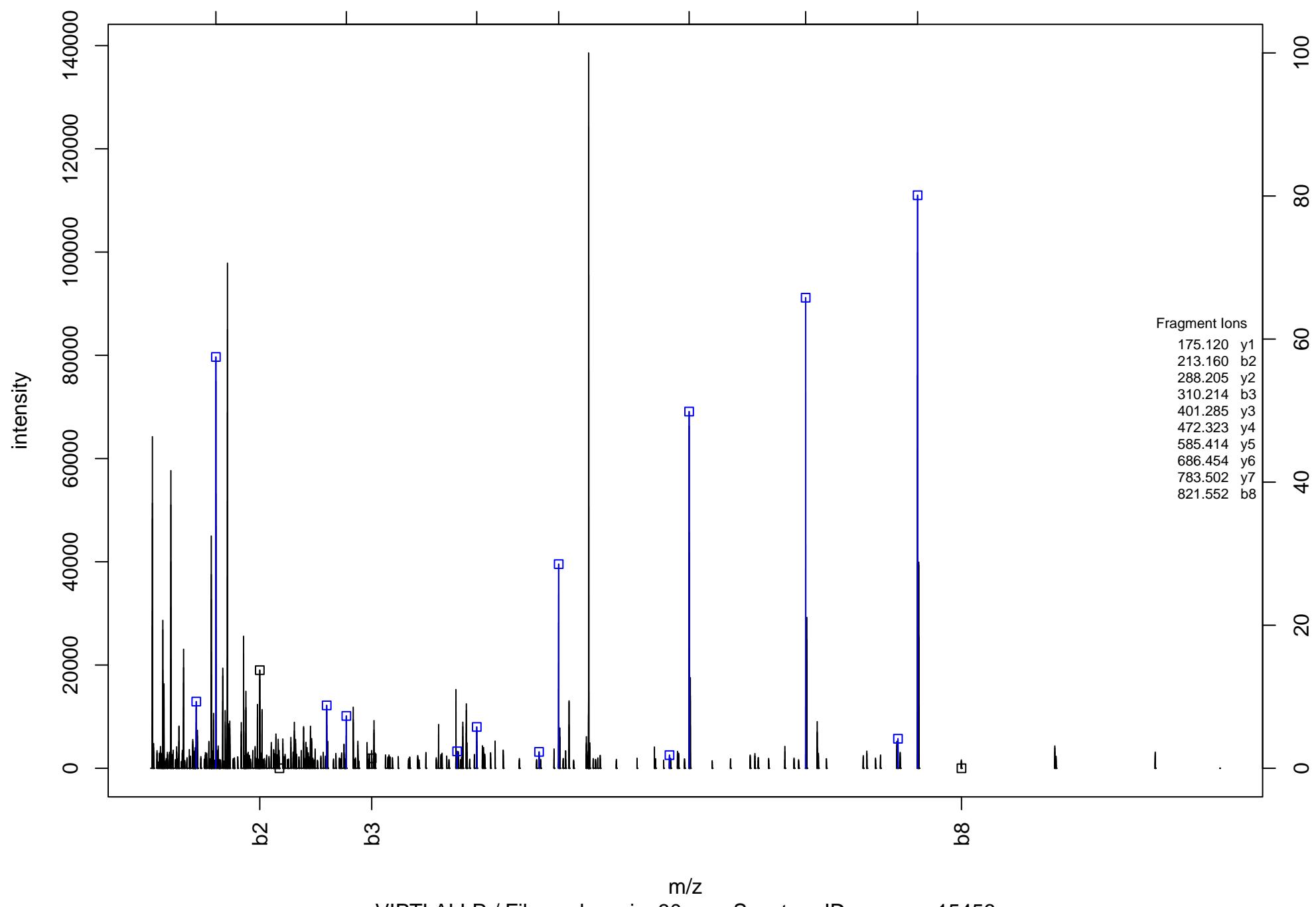
VGISLLSSPHP



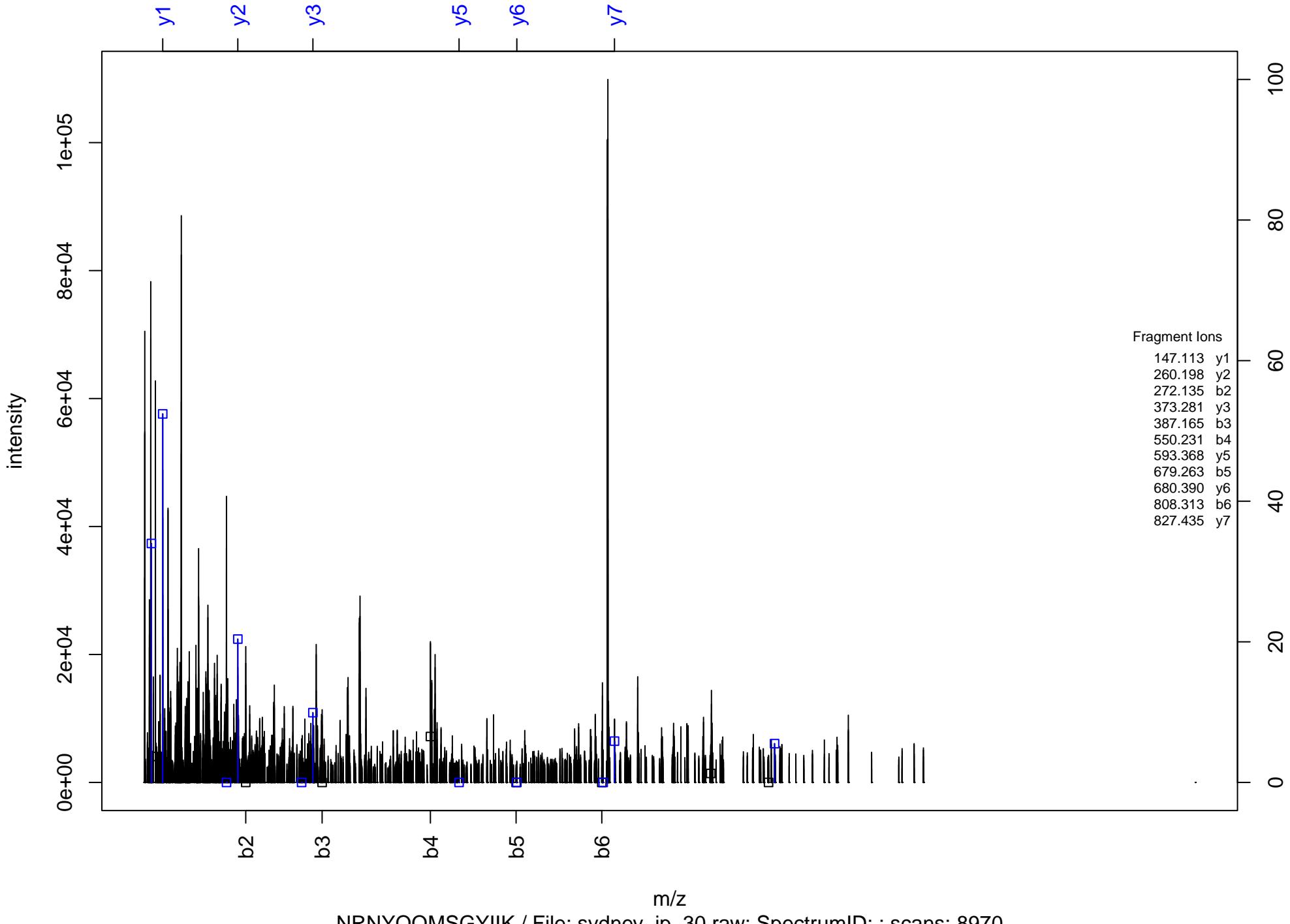
Q^AAAM^{*}EKGN^R



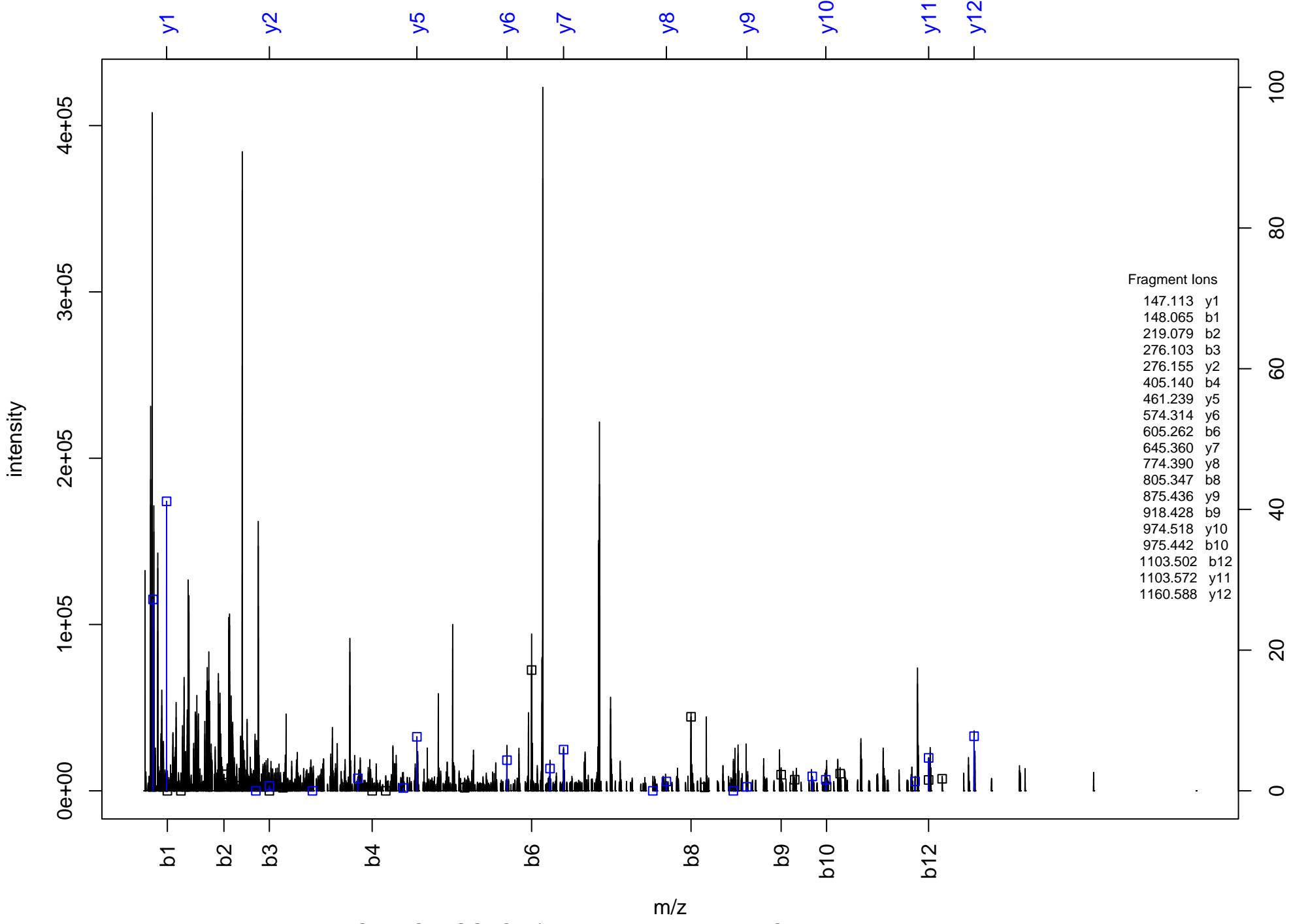
VIPTLALLR



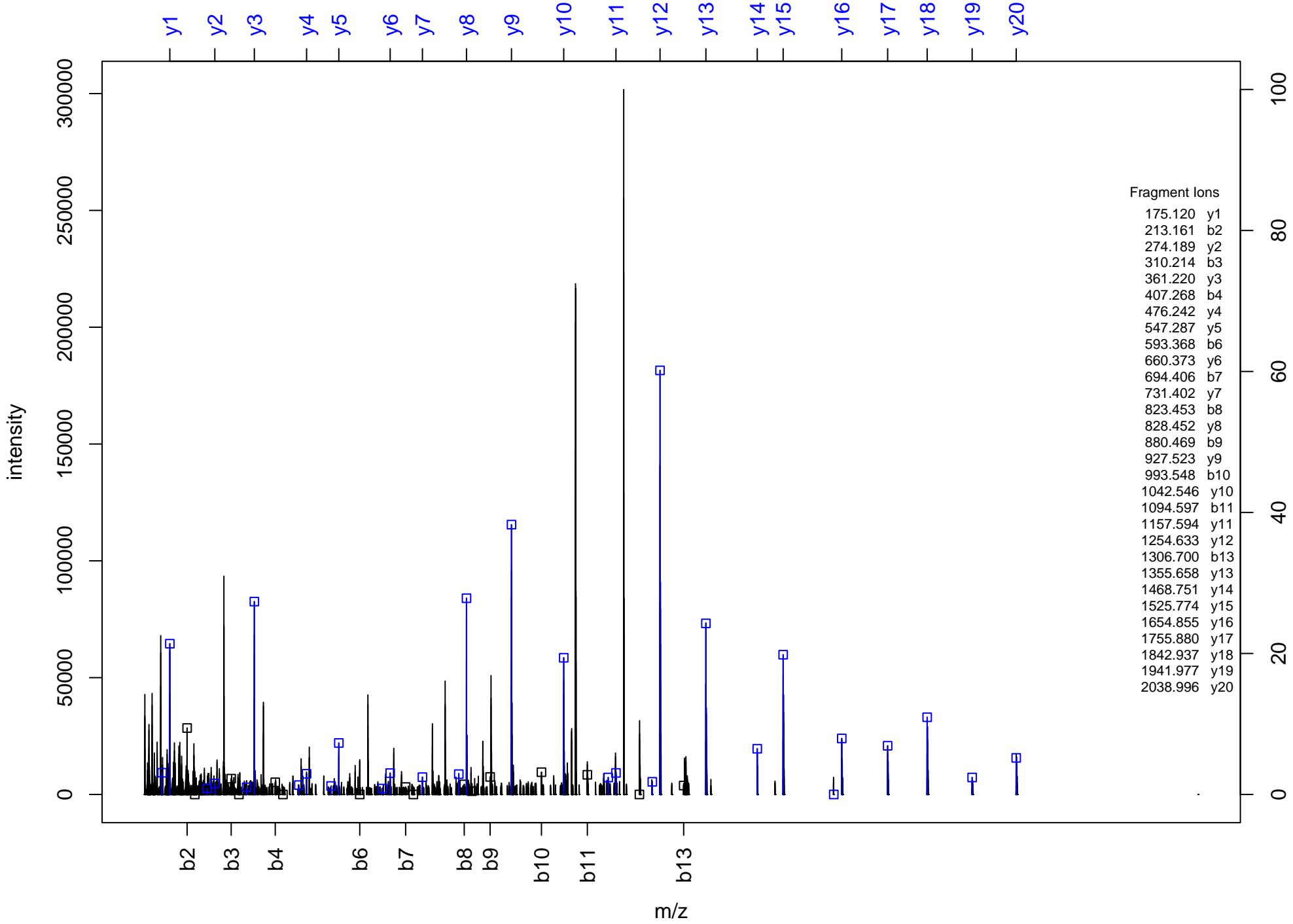
N^R N^Y Q^Q M^* S G Y I I K



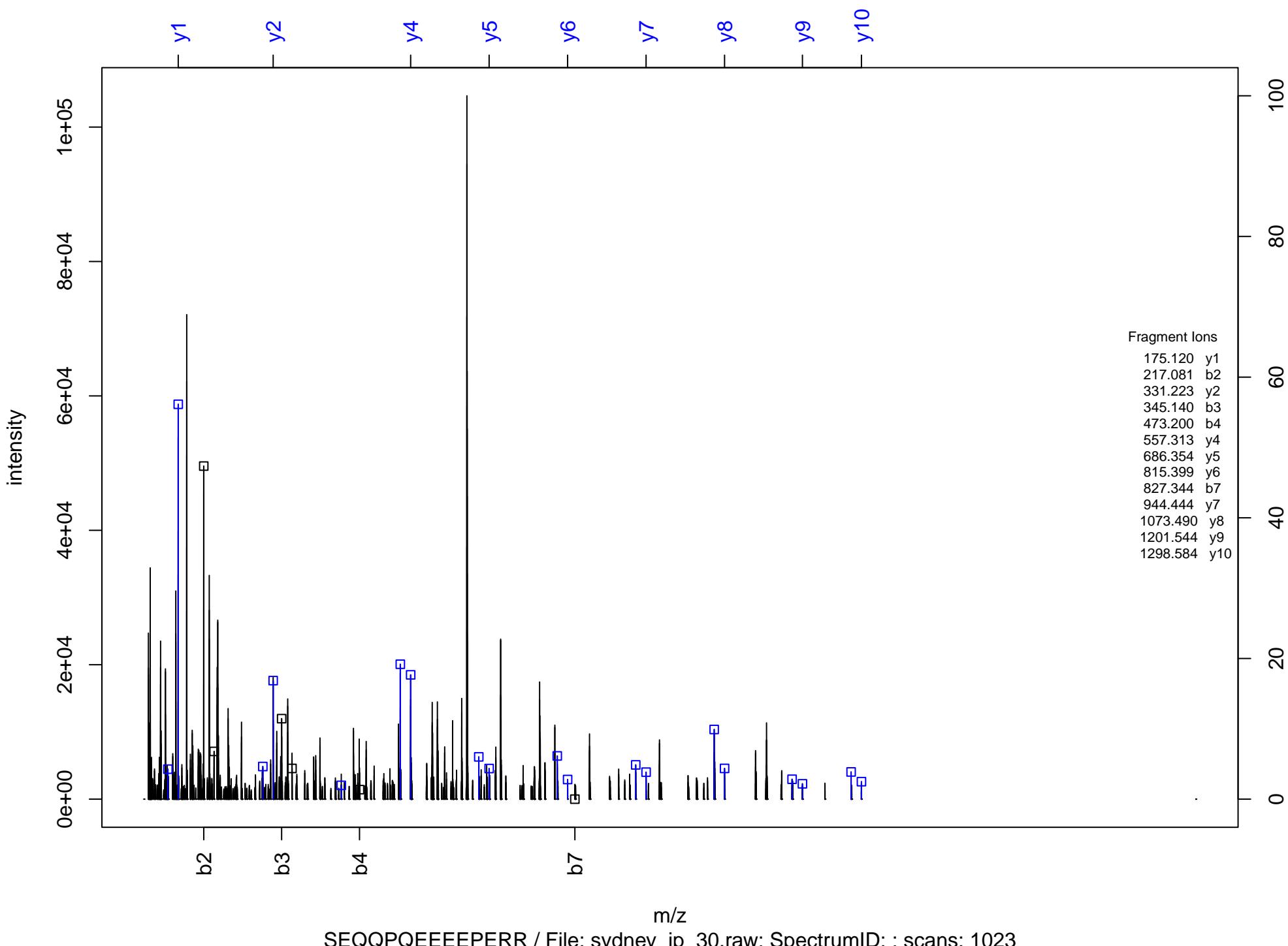
M*AGEVTQ^ALGGAQ^K



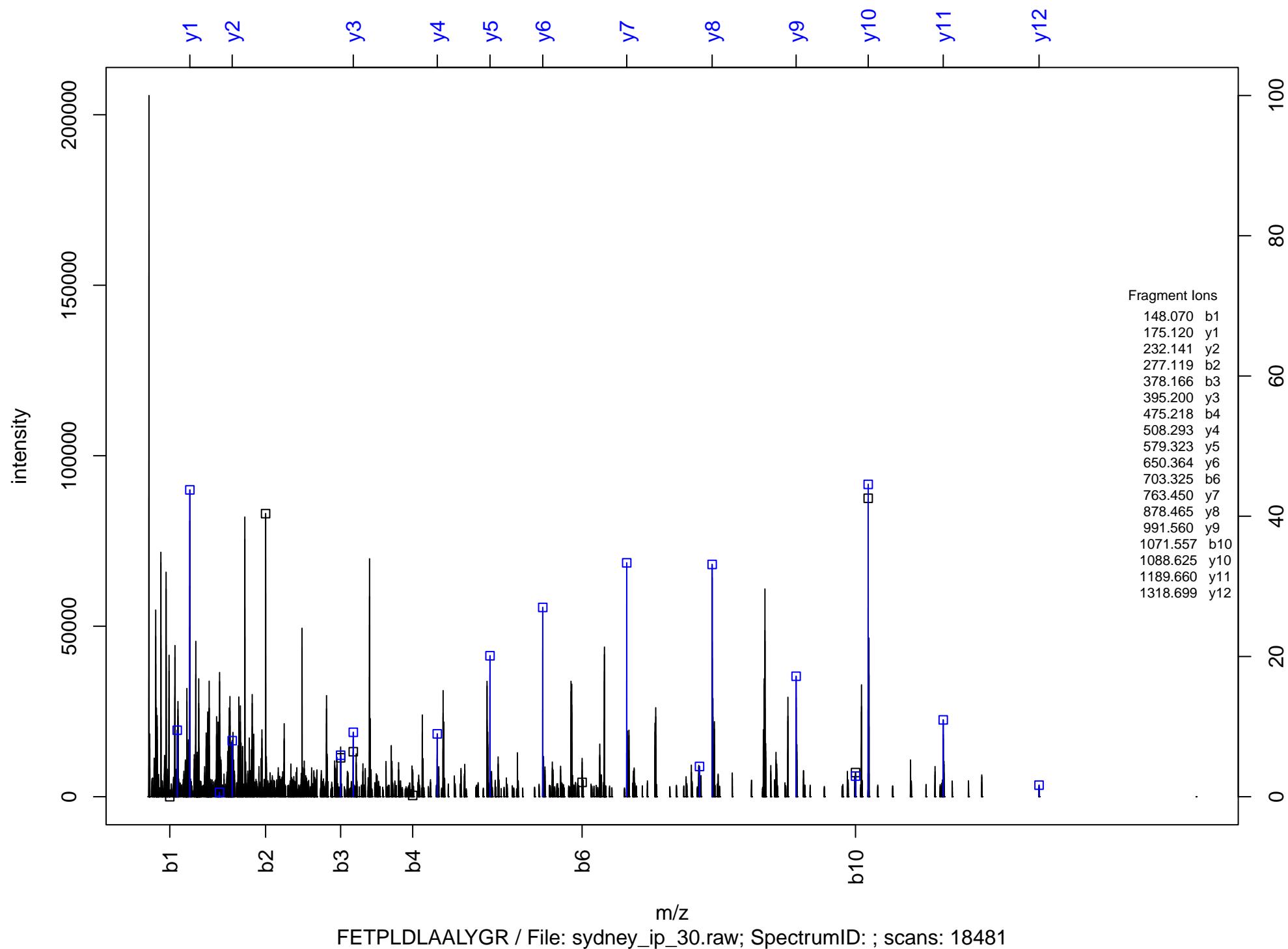
VLPPVSTEGLTPDDVPALADSVR



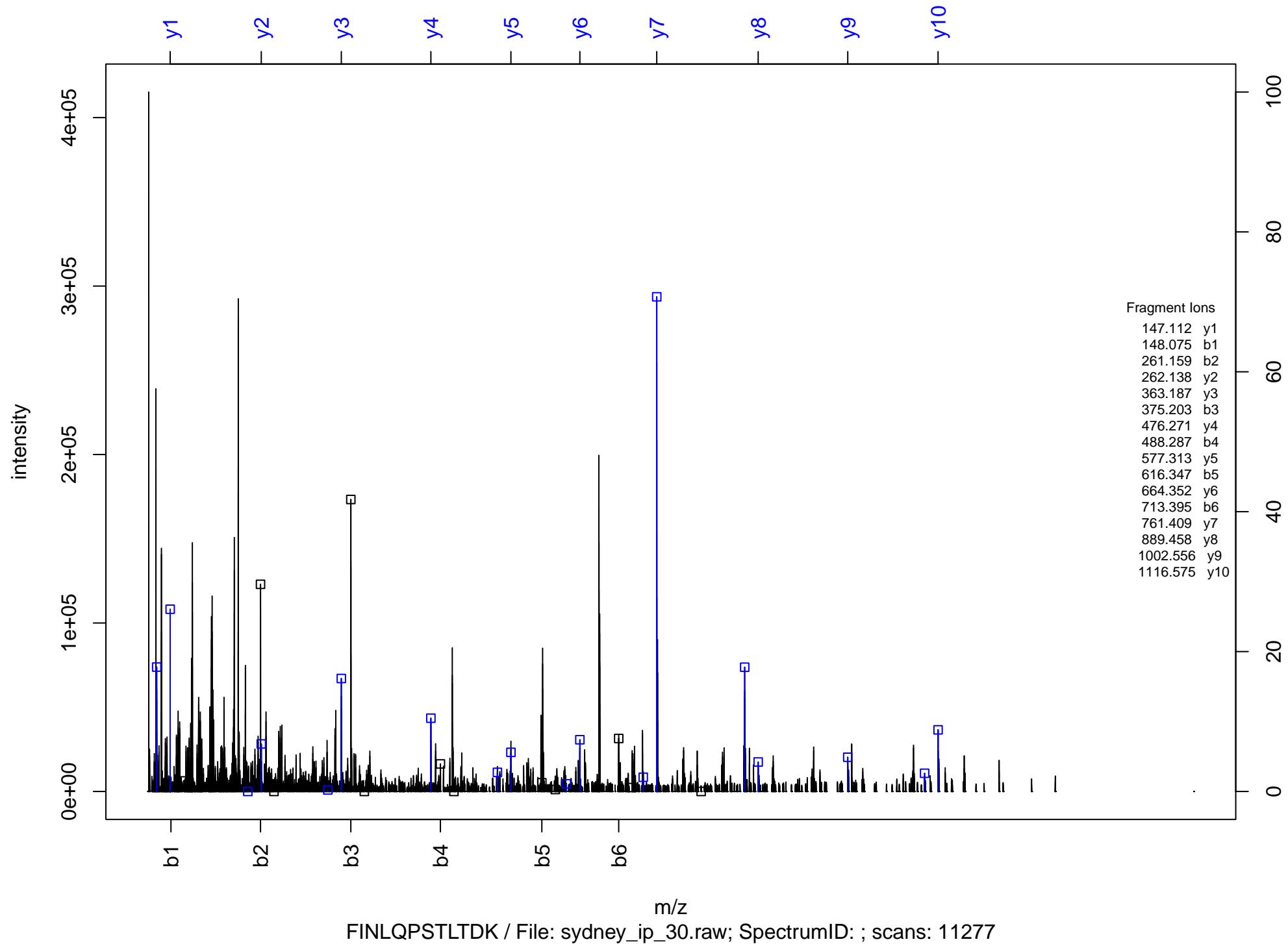
SEQQPQEEEEPERR



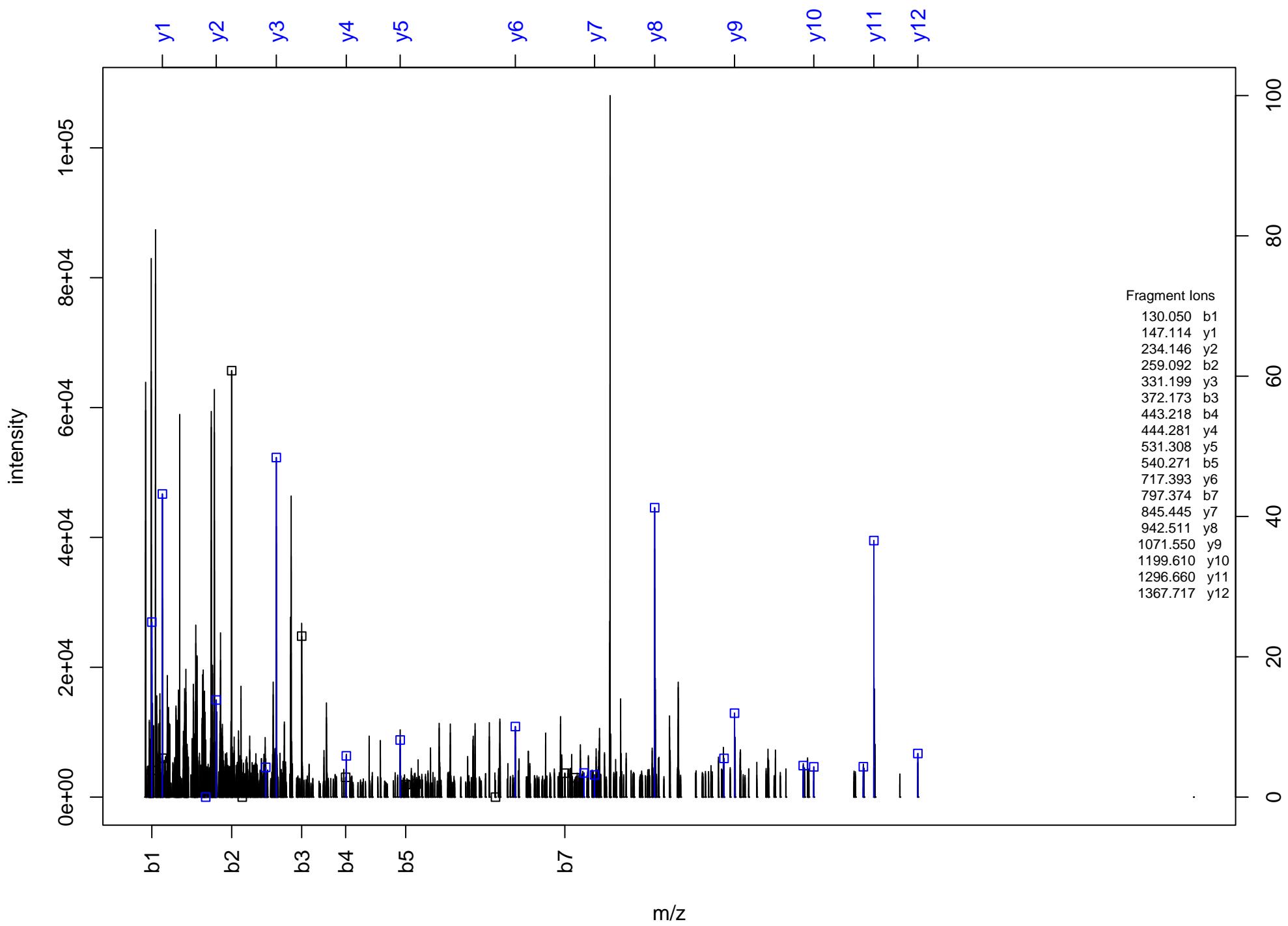
FETPLDLAALYGR



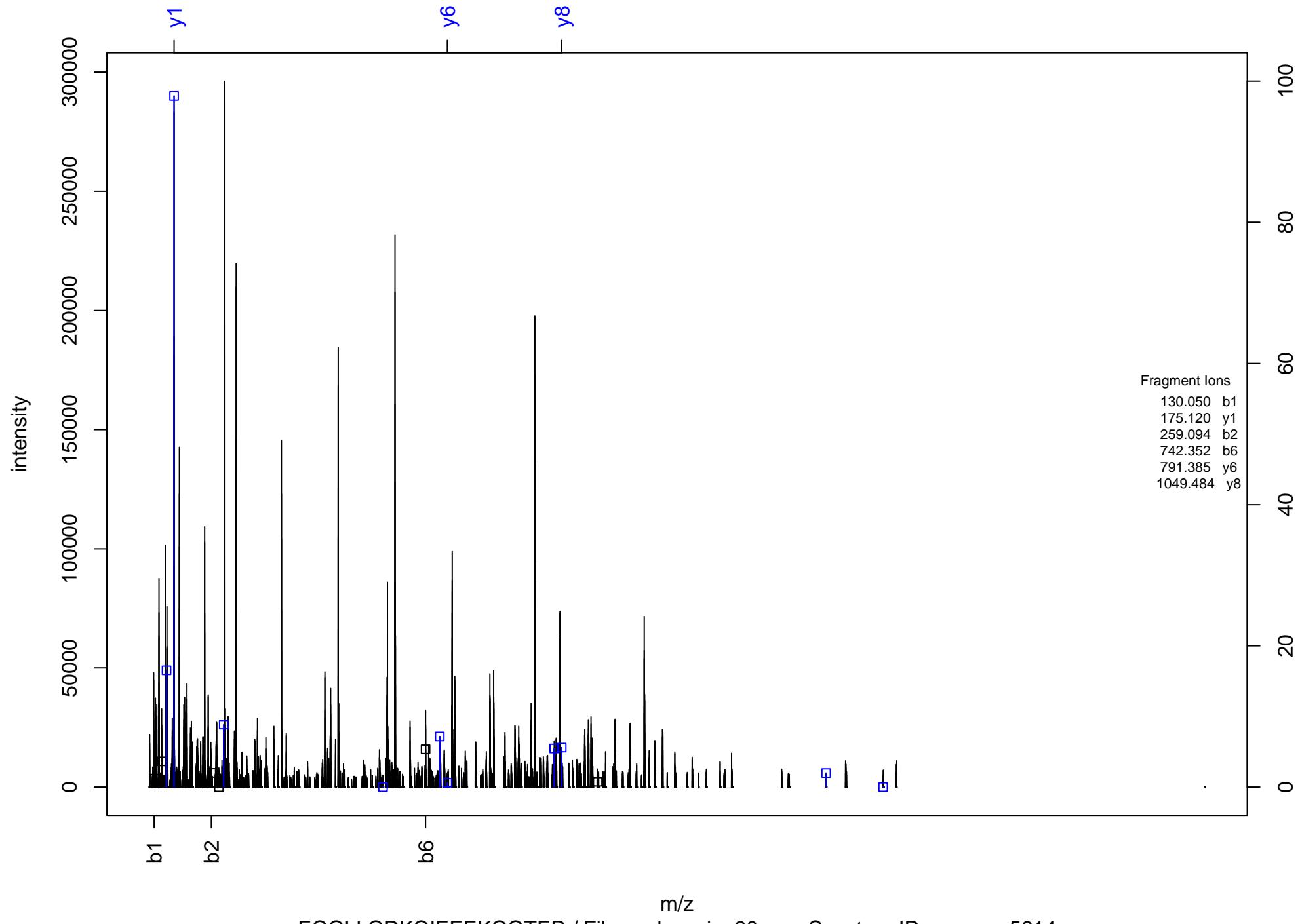
FINLQPSTLTDK



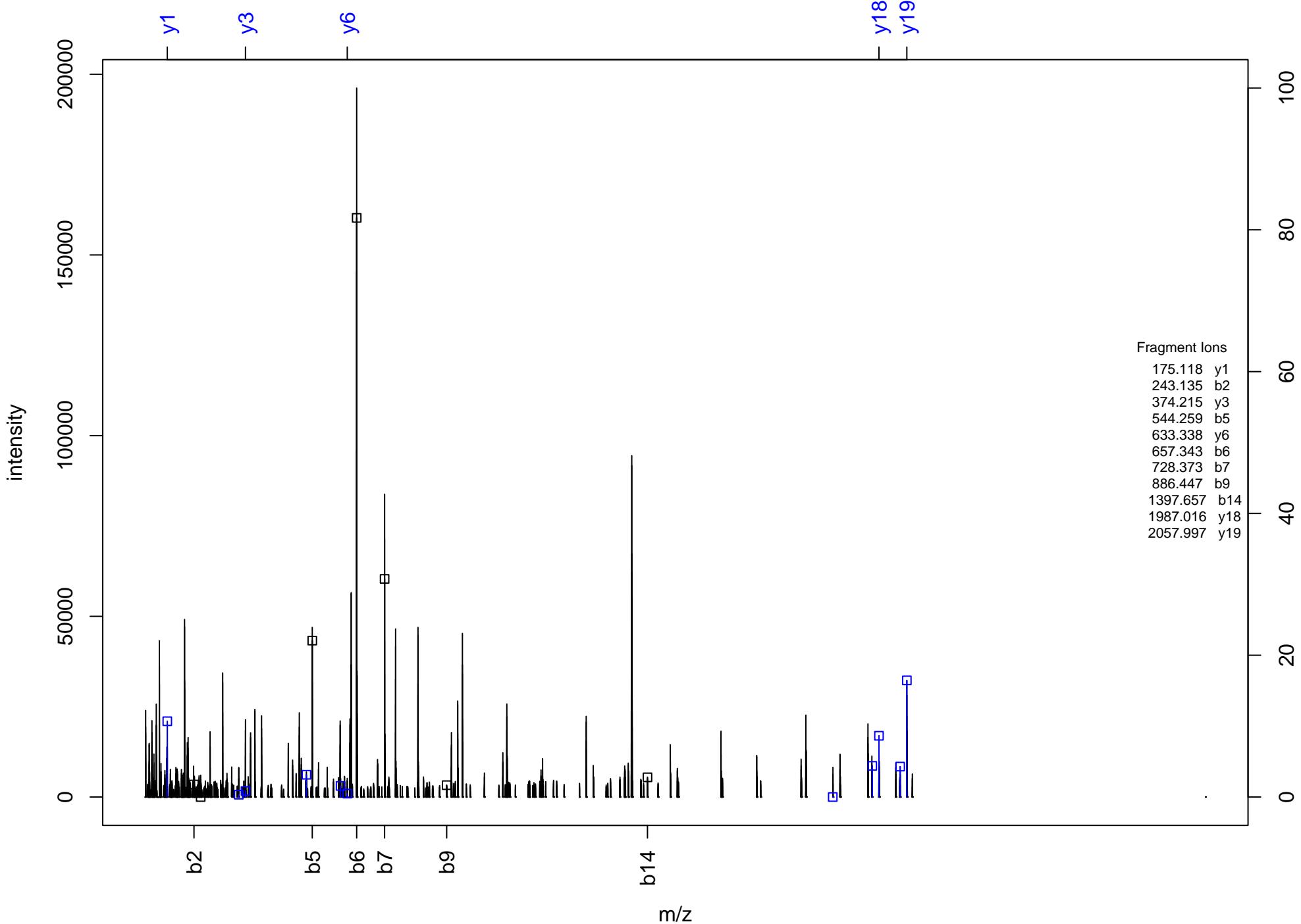
EELAPQEPQW₁SLPSK



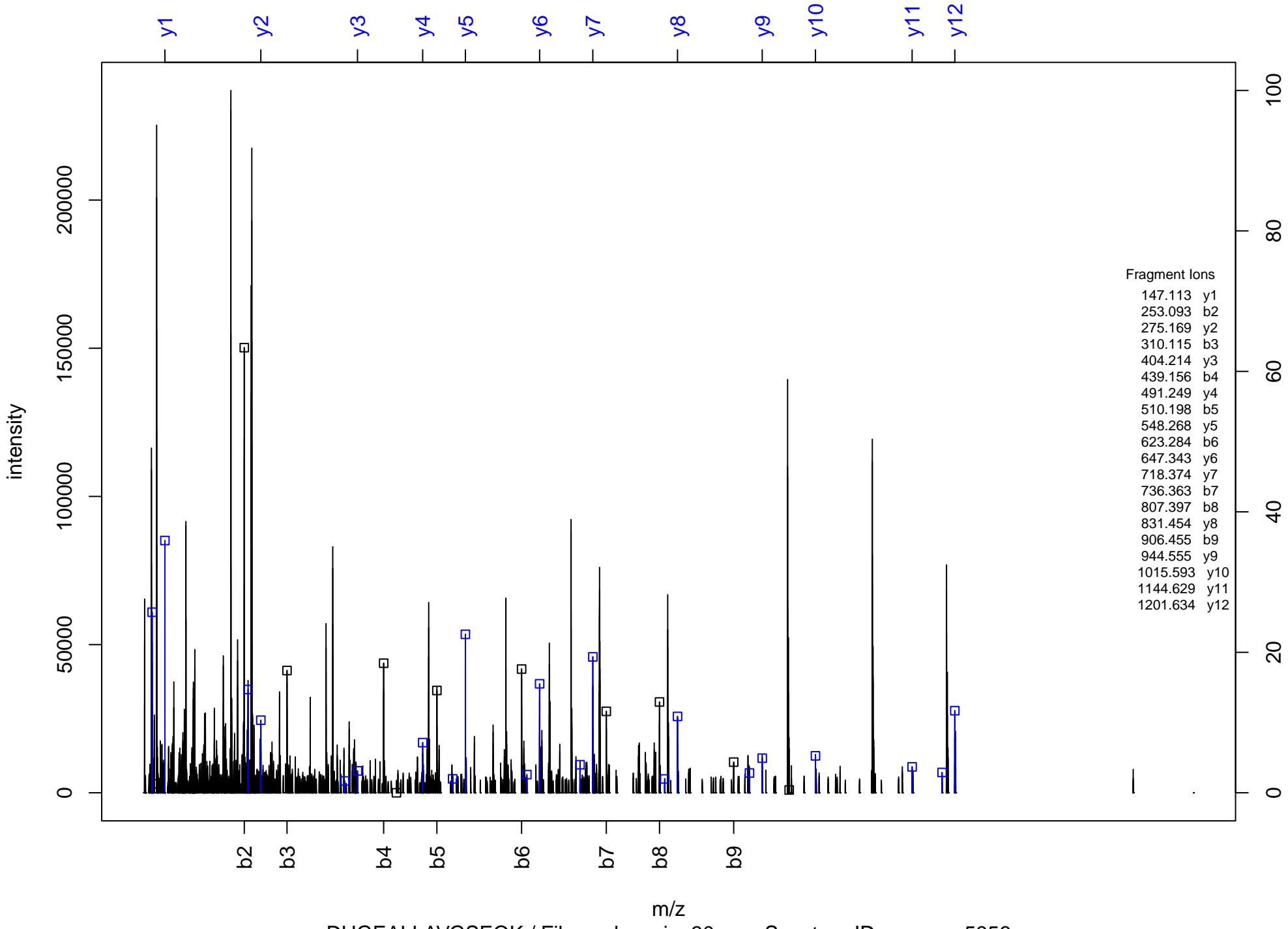
EQ^Q^LLQDKQIEEEKQ^Q^TER



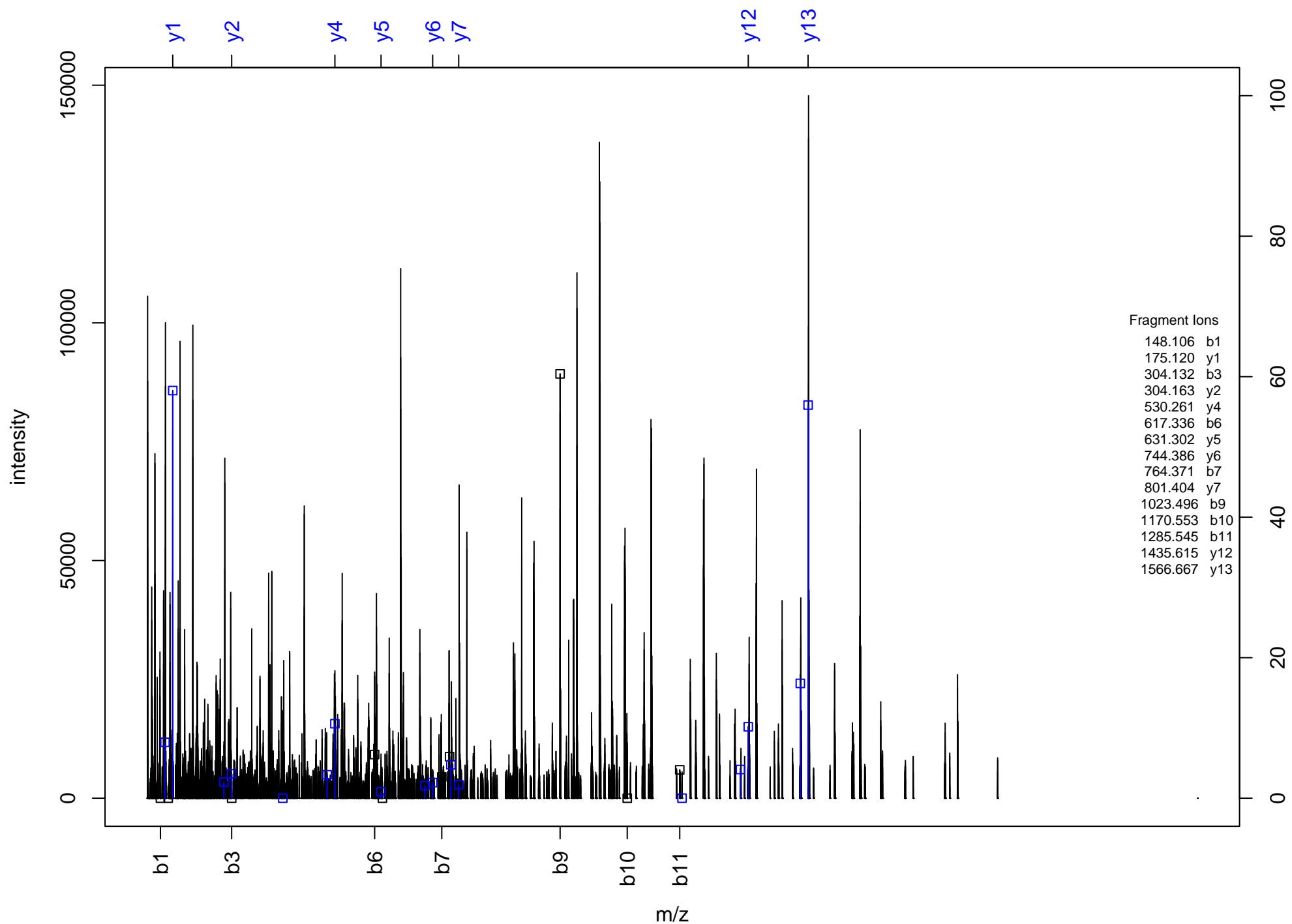
LQ^ASDVLATGPAN^ANNRWVSRSGATAQR



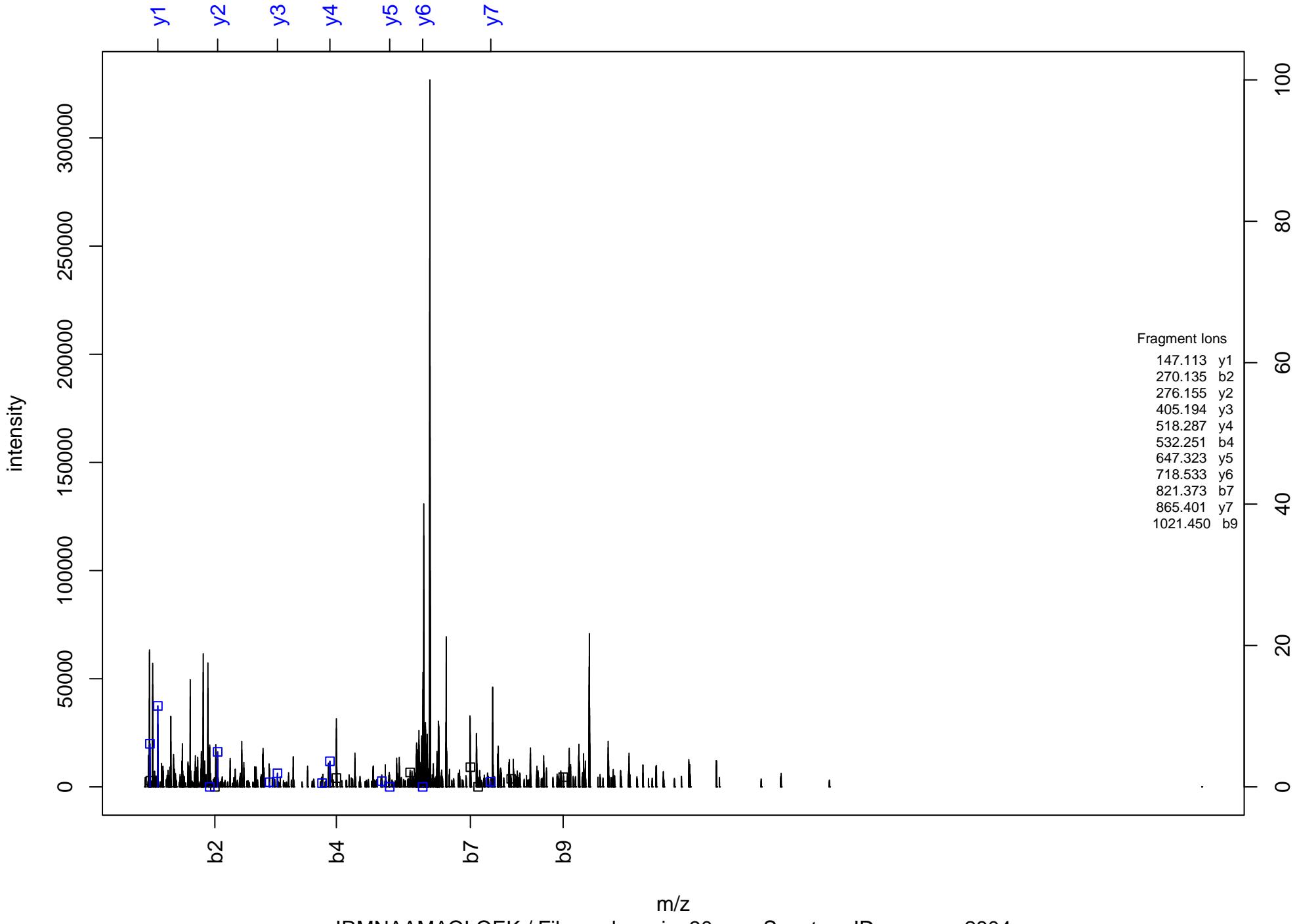
DHGEGEALLAVGSEQK



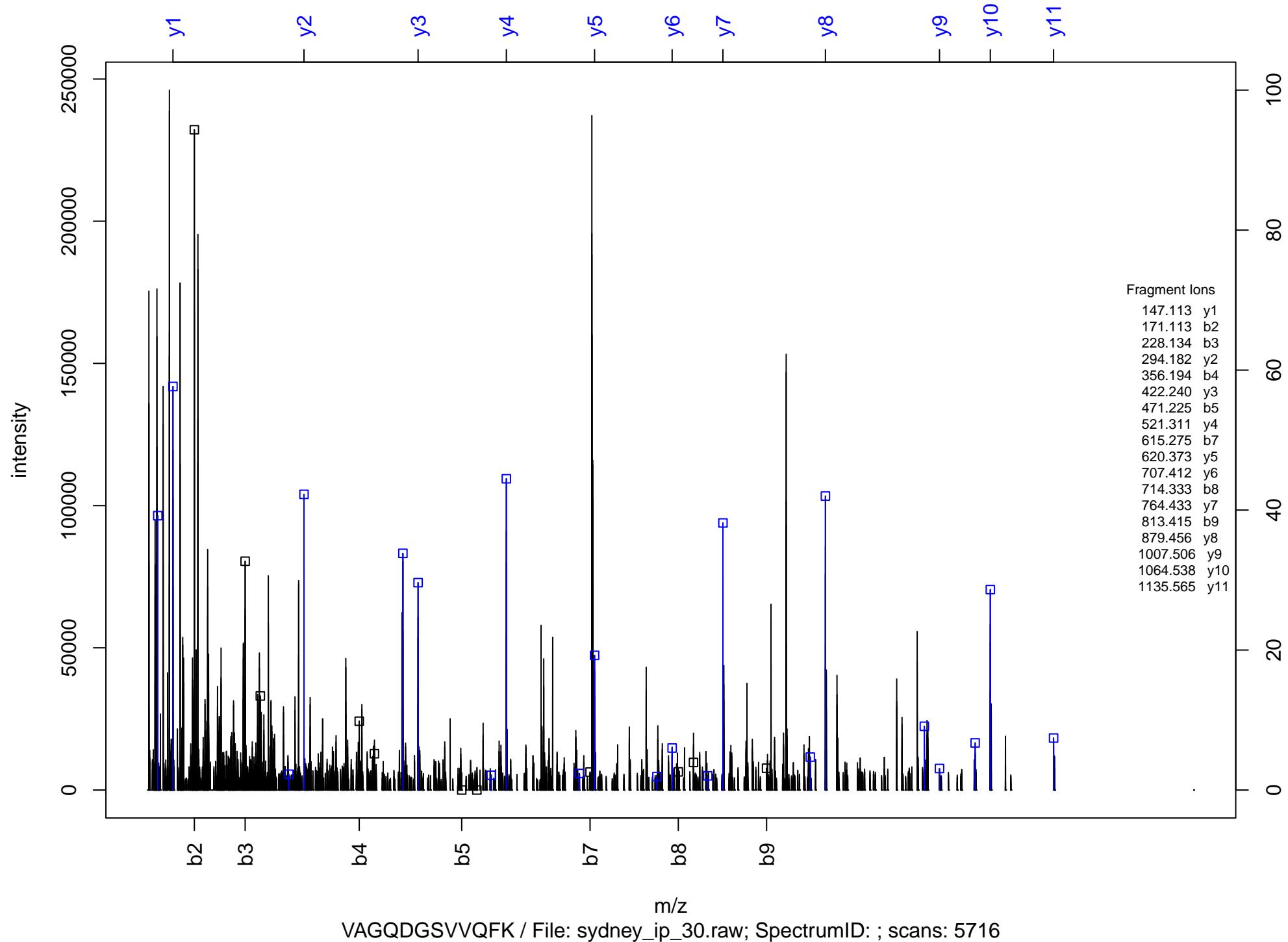
M*VGTVIM*MKM*N^EDGLTPEQ^R



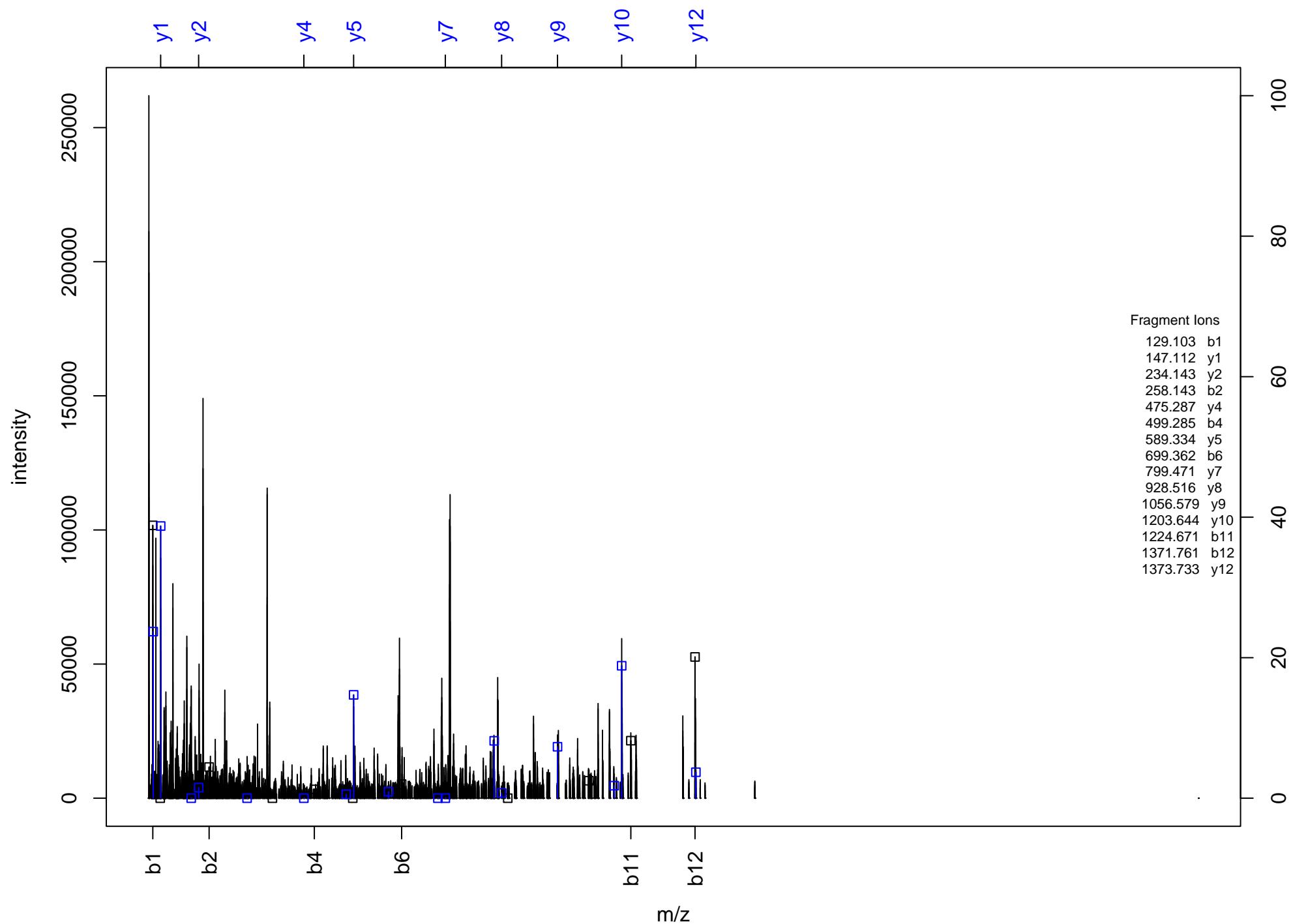
IRM*N^AAM*AQ^LQ^EK



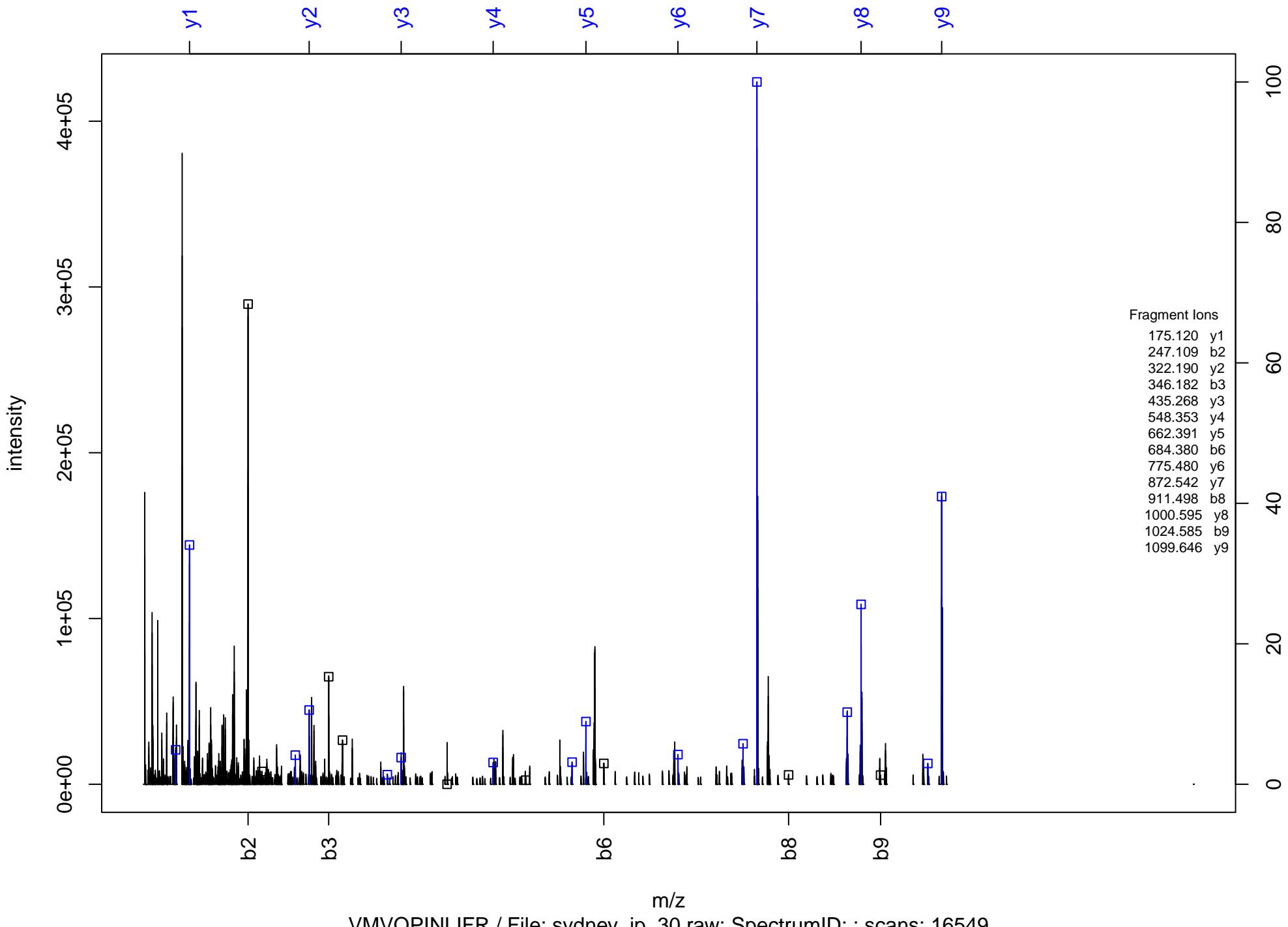
VAGQDGSVVQFK



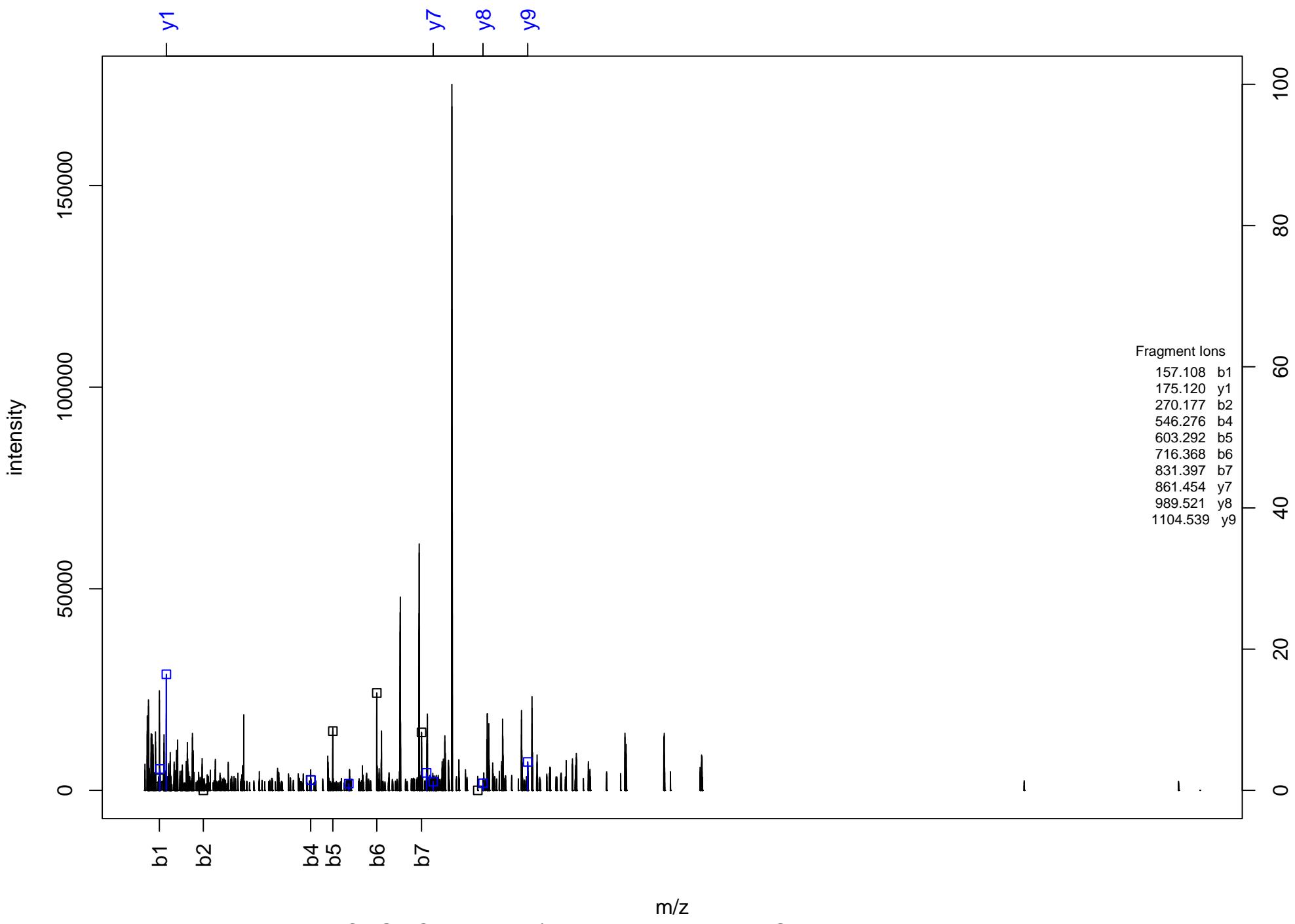
KEQIAELLQ^GLFQELPNIQSK



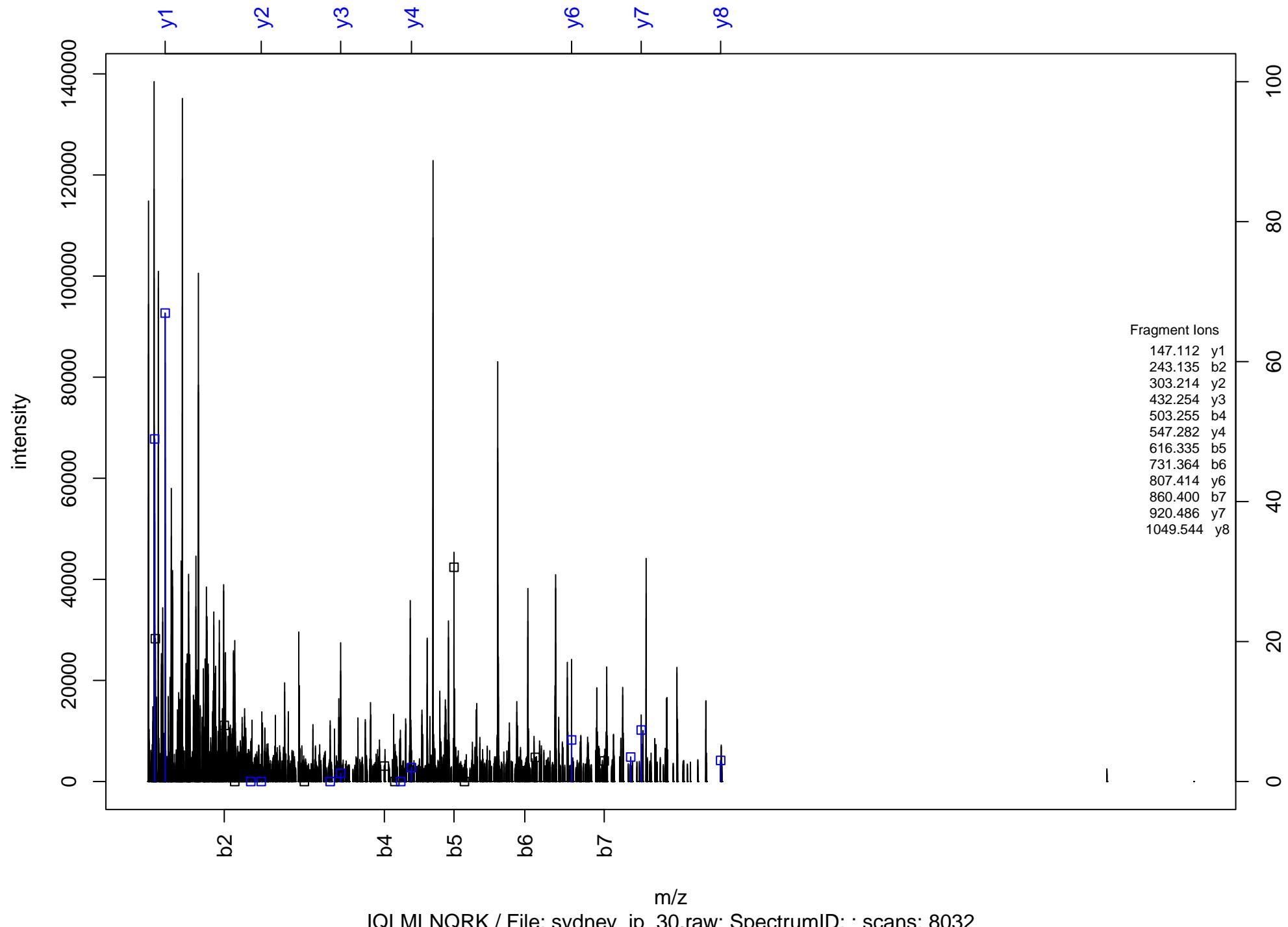
VM*VQPINLIFR



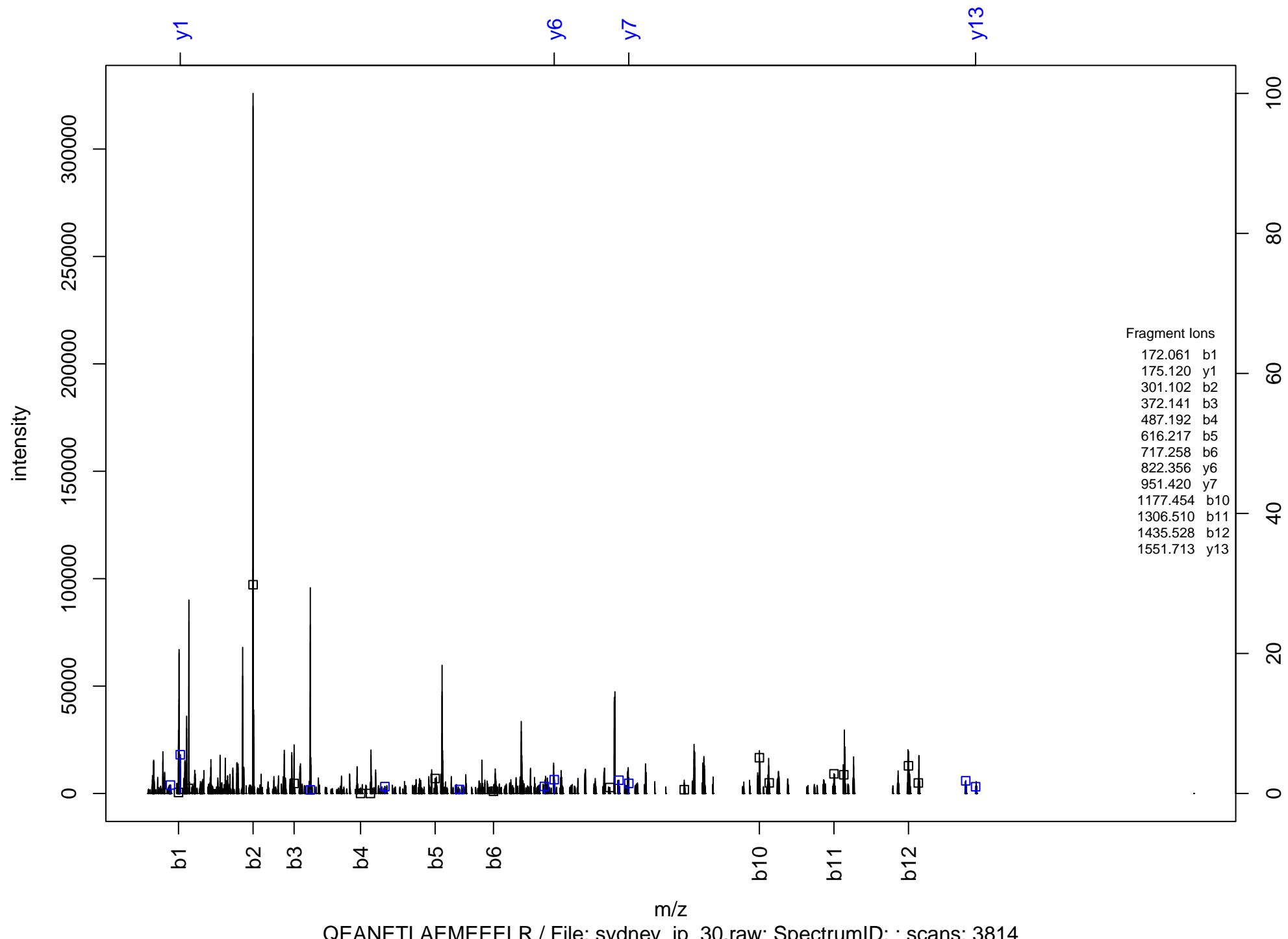
RIQ^M*GIDQTVPLM*ER



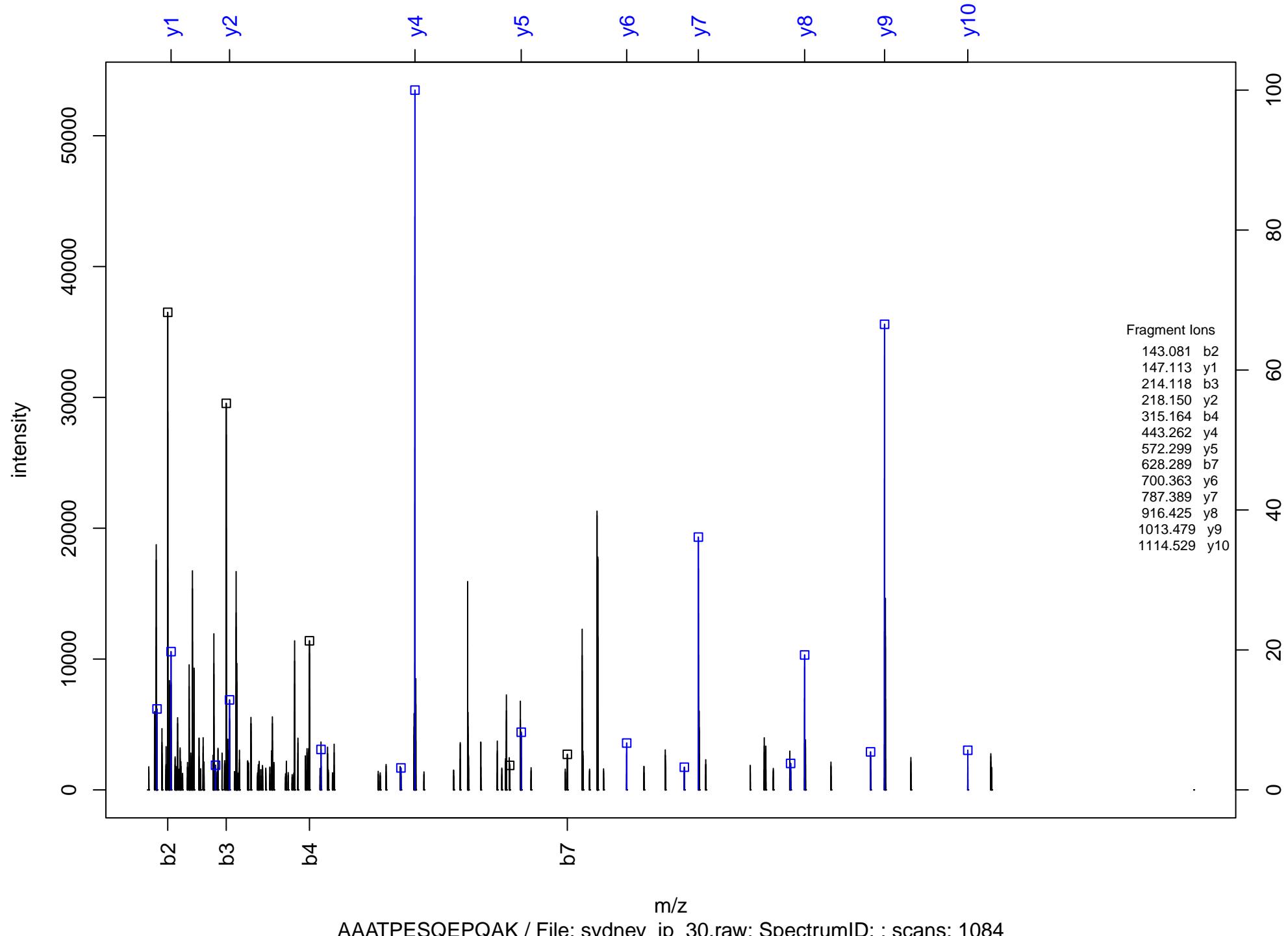
IQ^LM*LN^Q^RK



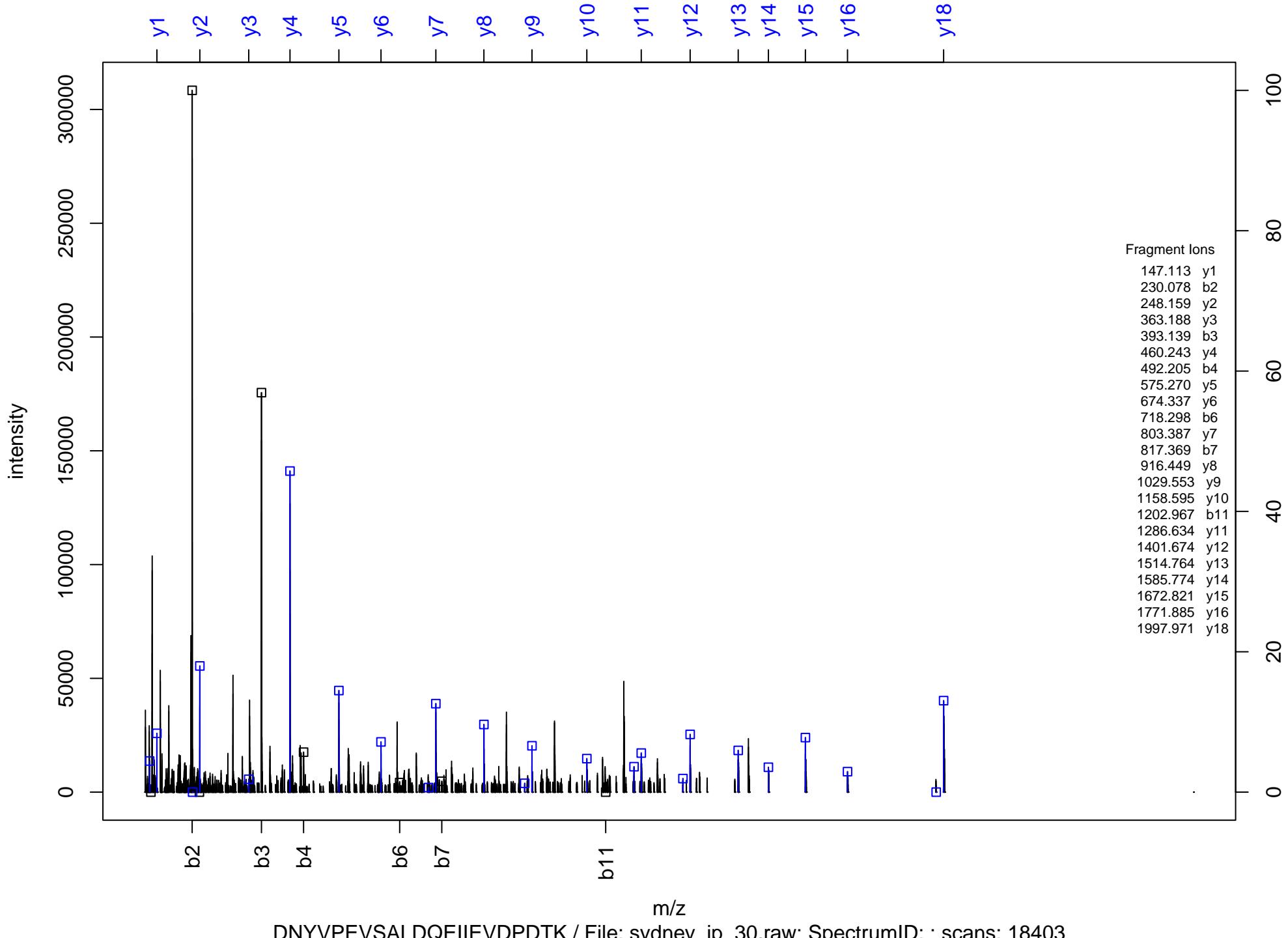
(Ac)Q⁺EAN⁺ETLAEM*EEELR



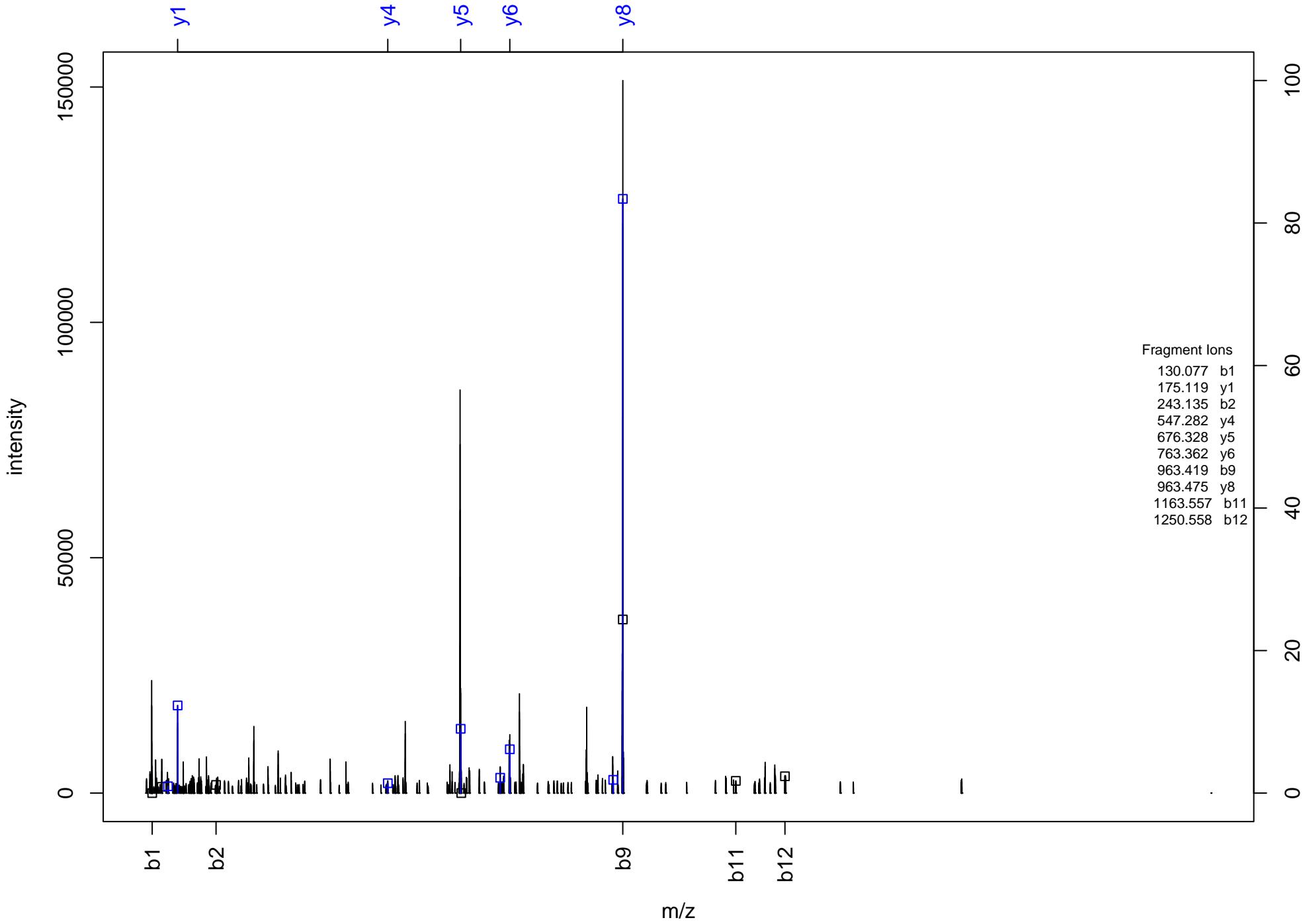
AAATPESQEPQAK



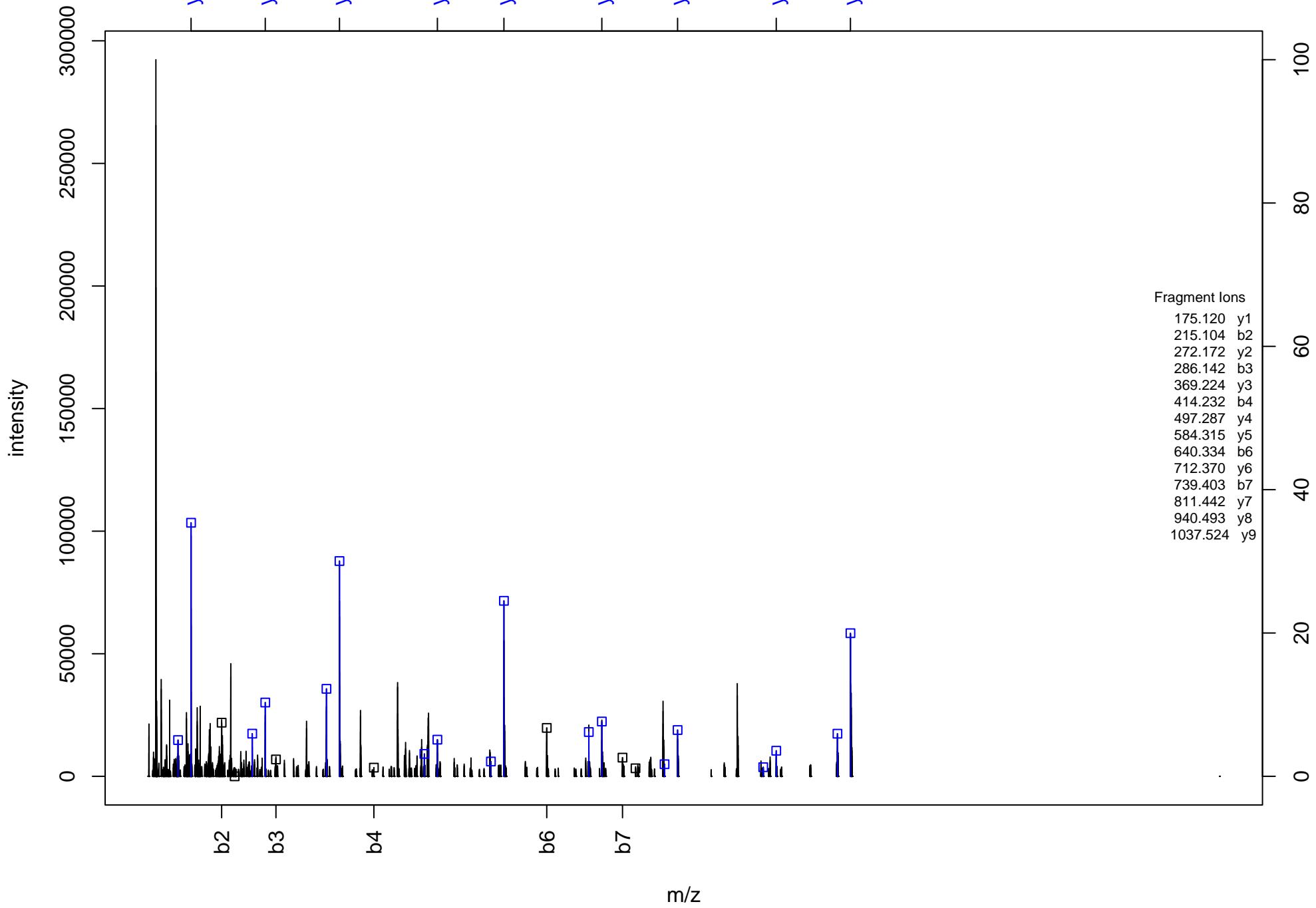
DNYVPEVSALDQEIIEVDPDTK



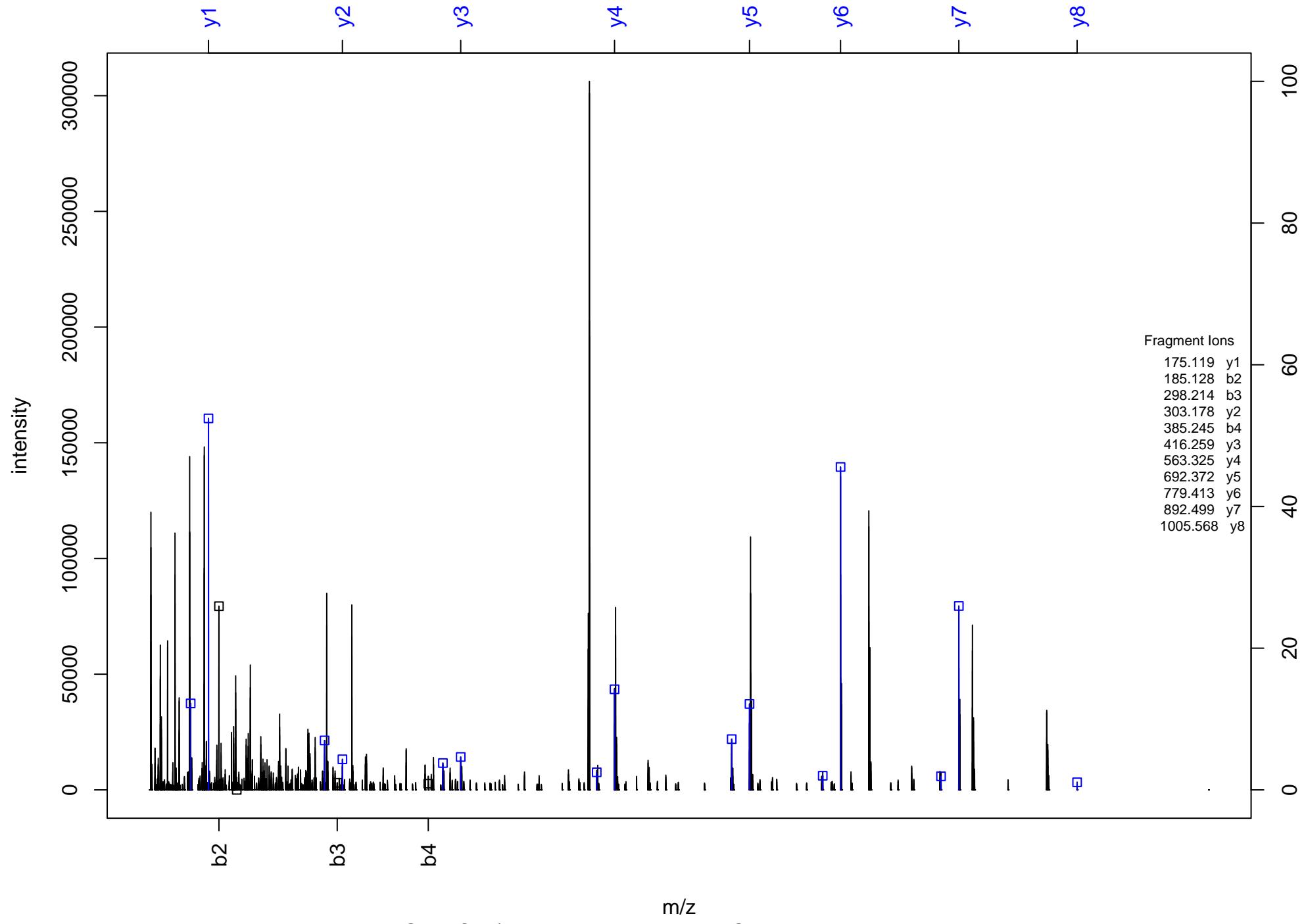
Q[^]LAAQFMN[^]GSLSEEDKR



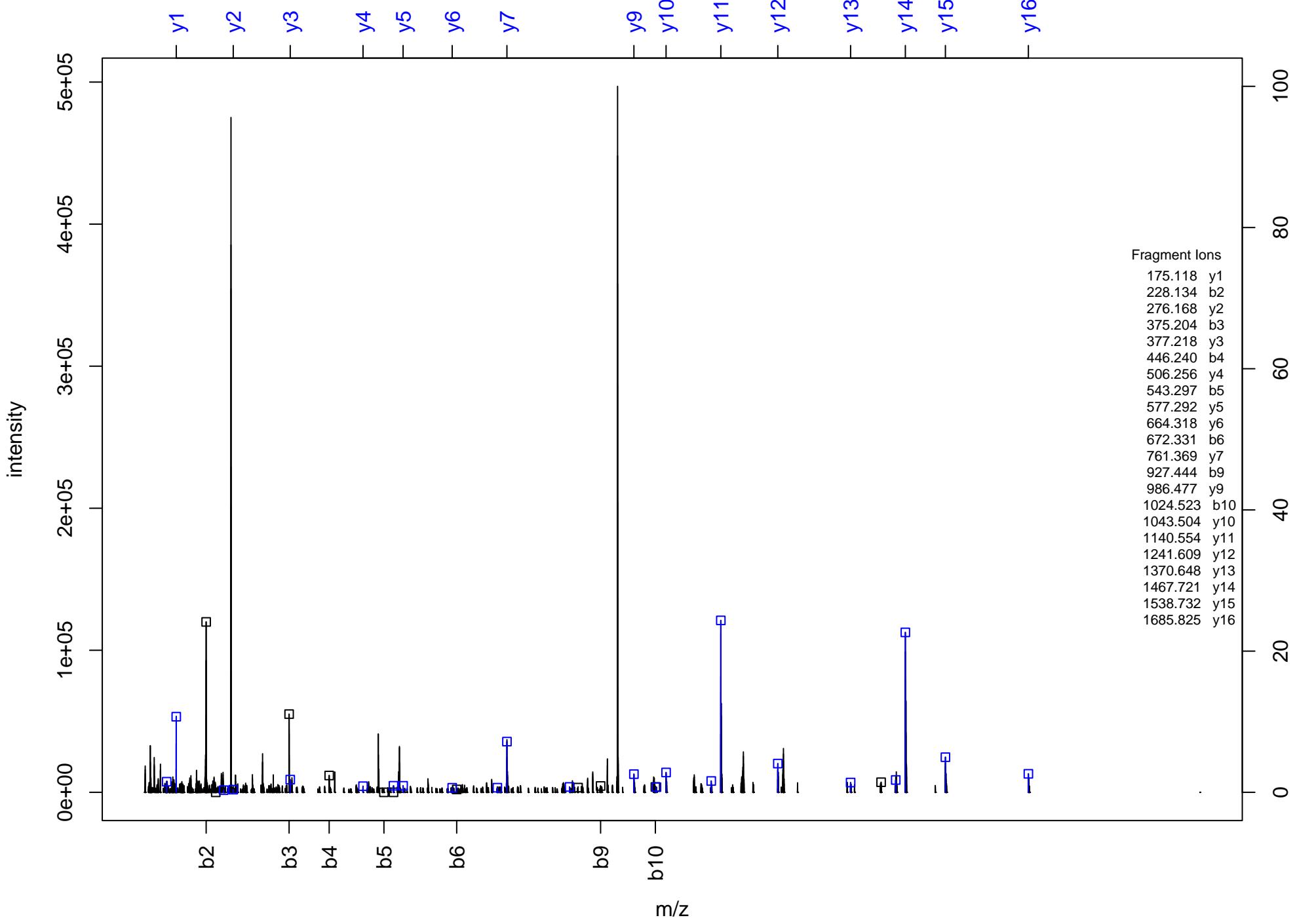
VDAKPEVQSQQPR



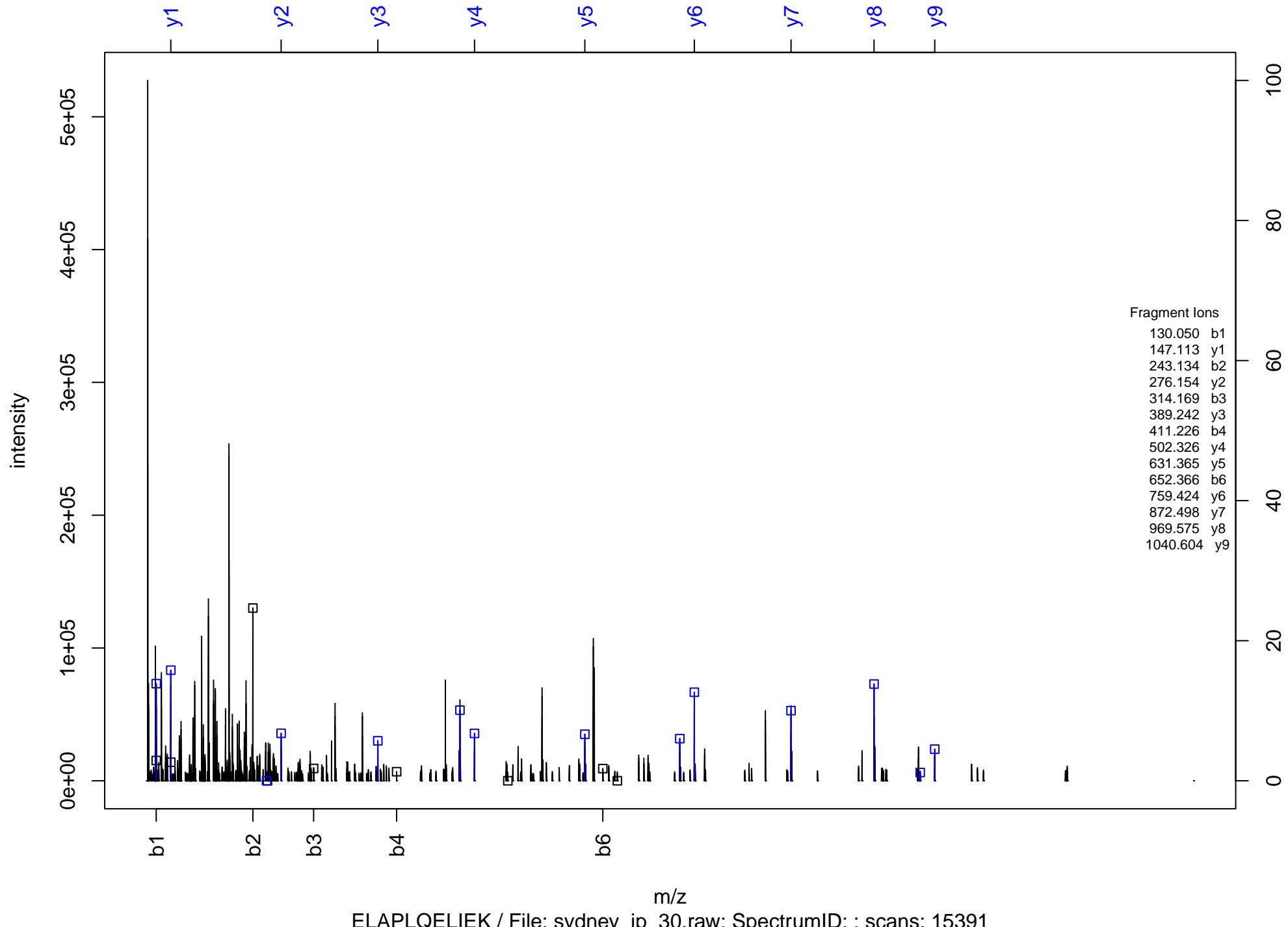
ALLSEFLQR



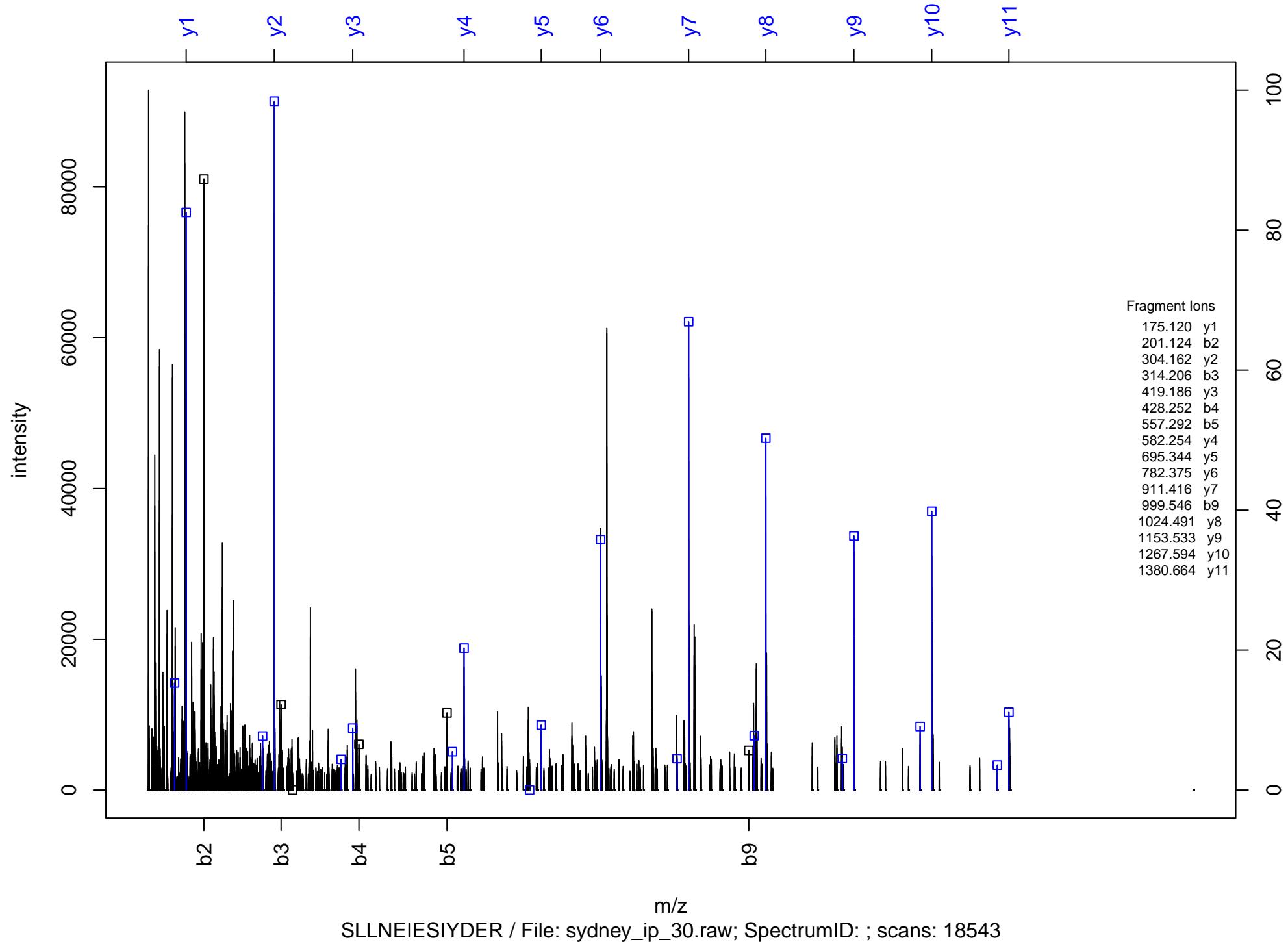
VQFAPETPGPQPSAETTR



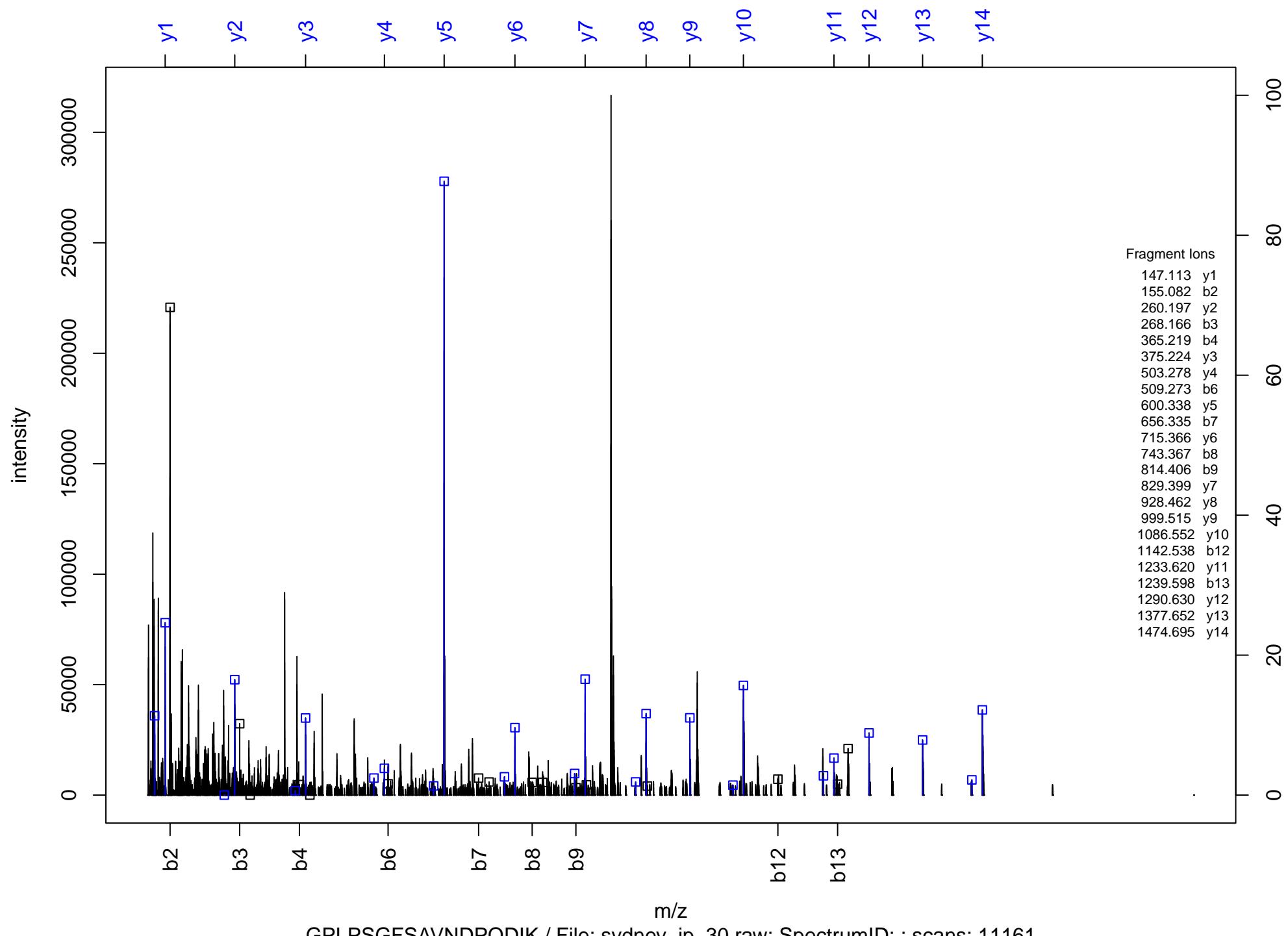
ELAPLQELIEK



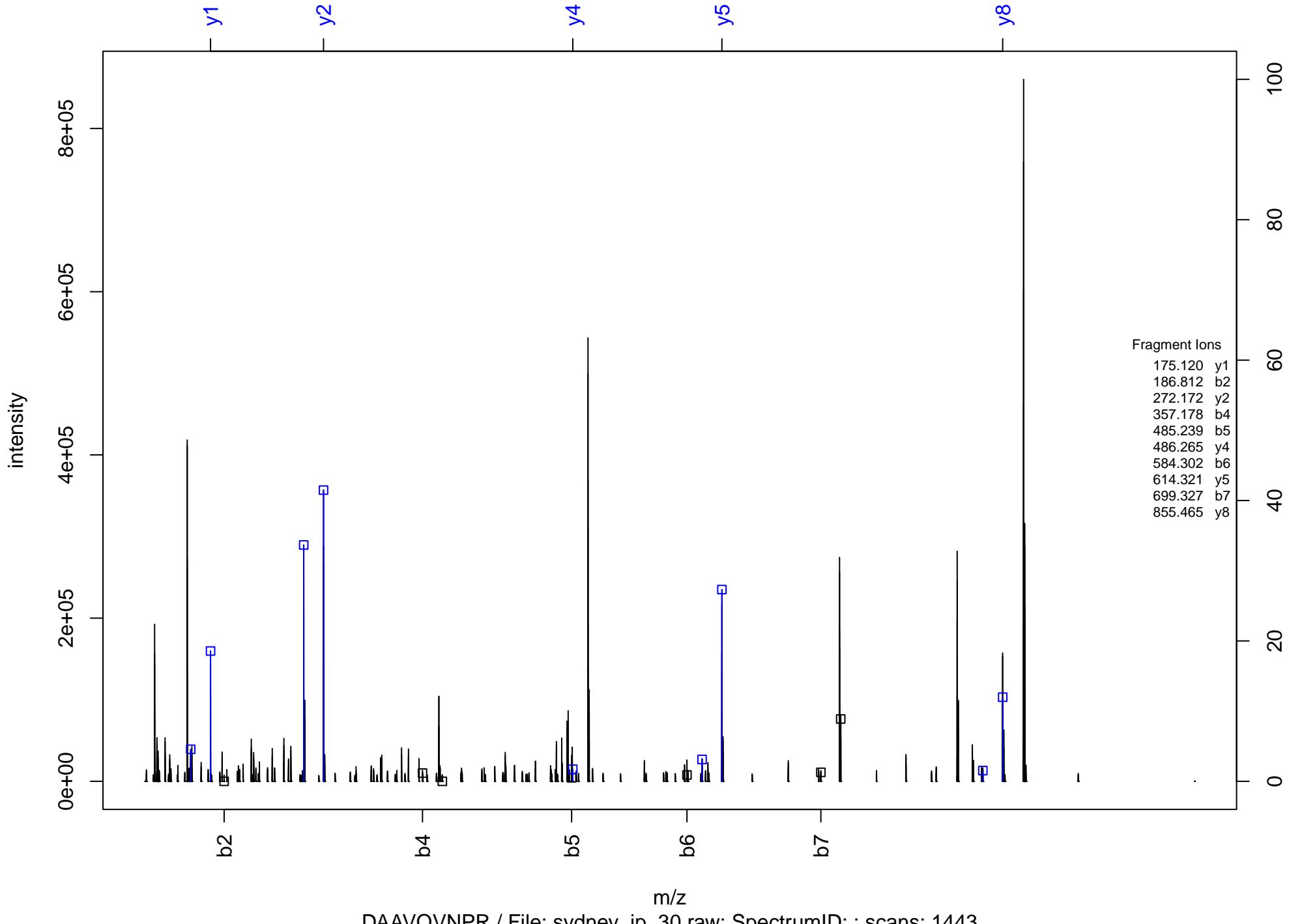
SLLNEIESIYDER



GPLPSGFSAVNDPQDIK



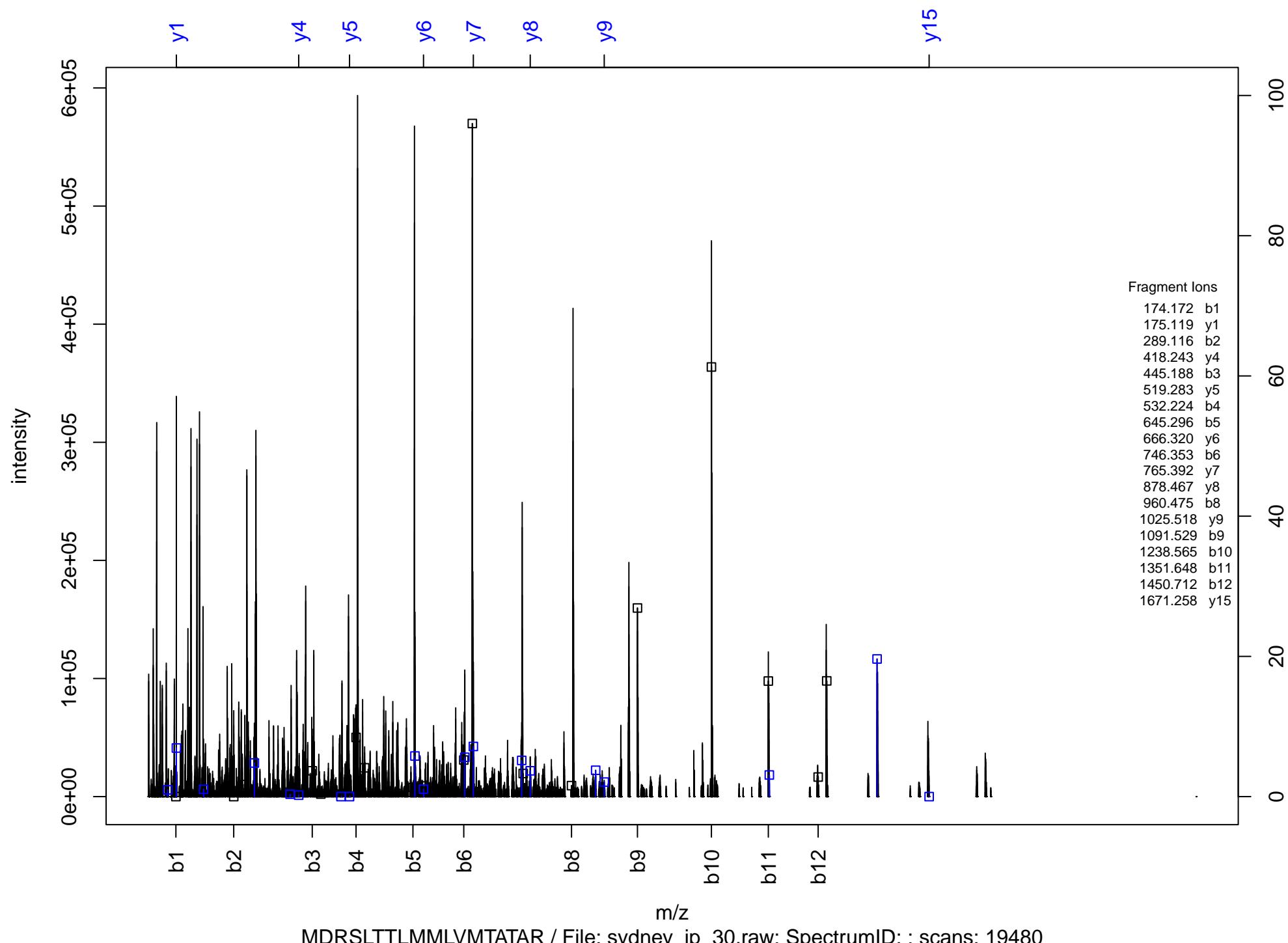
DAAVQVN^APR



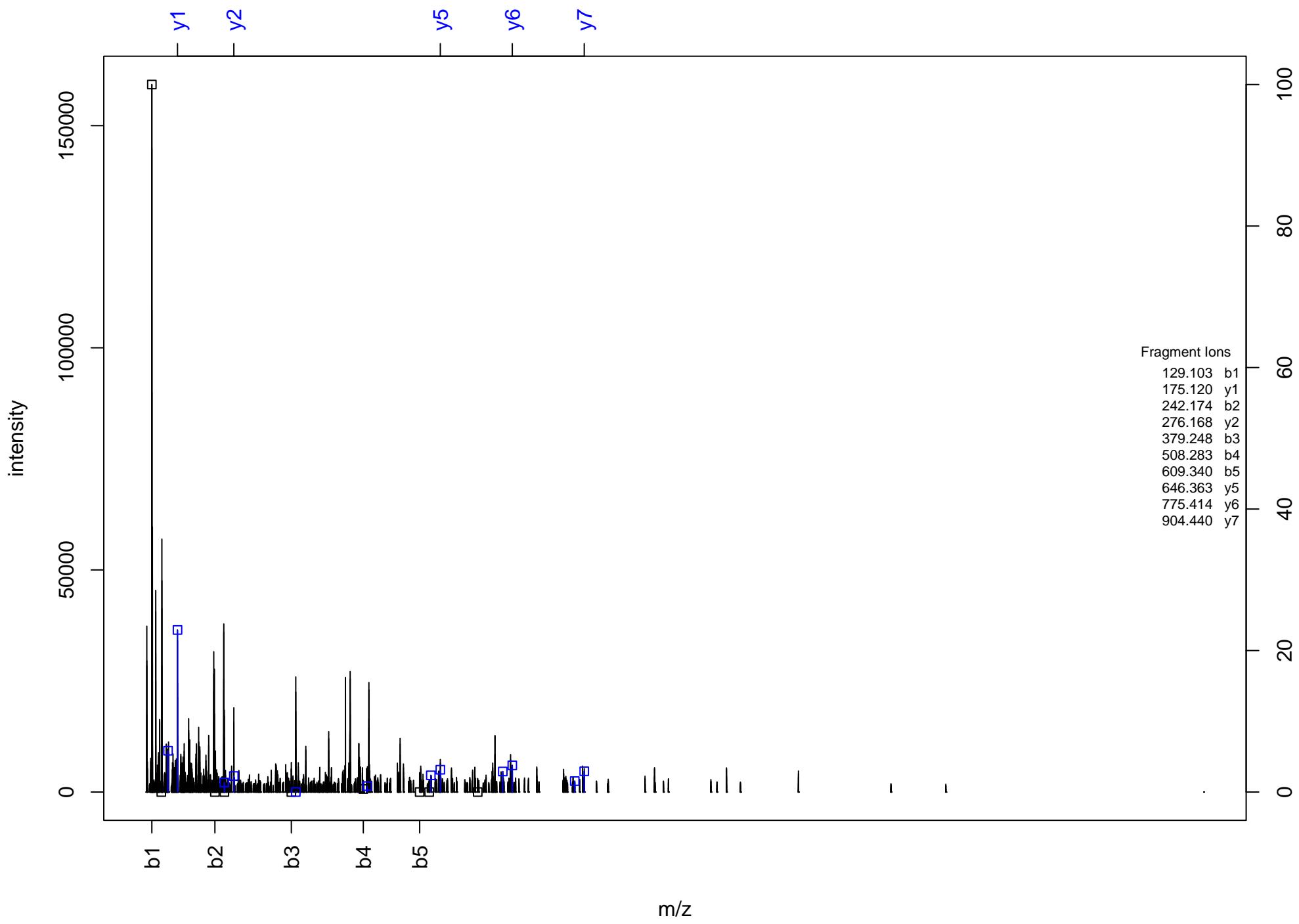
Fragment Ions	
175.120	y_1
186.812	b_2
272.172	y_2
357.178	b_4
485.239	b_5
486.265	y_4
584.302	y_6
614.321	y_5
699.327	b_7
855.465	y_8

DAAVQVNPR / File: sydney_ip_30.raw; SpectrumID: ; scans: 1443

(Ac)MDRSLTTLMM*LVM*TATAR

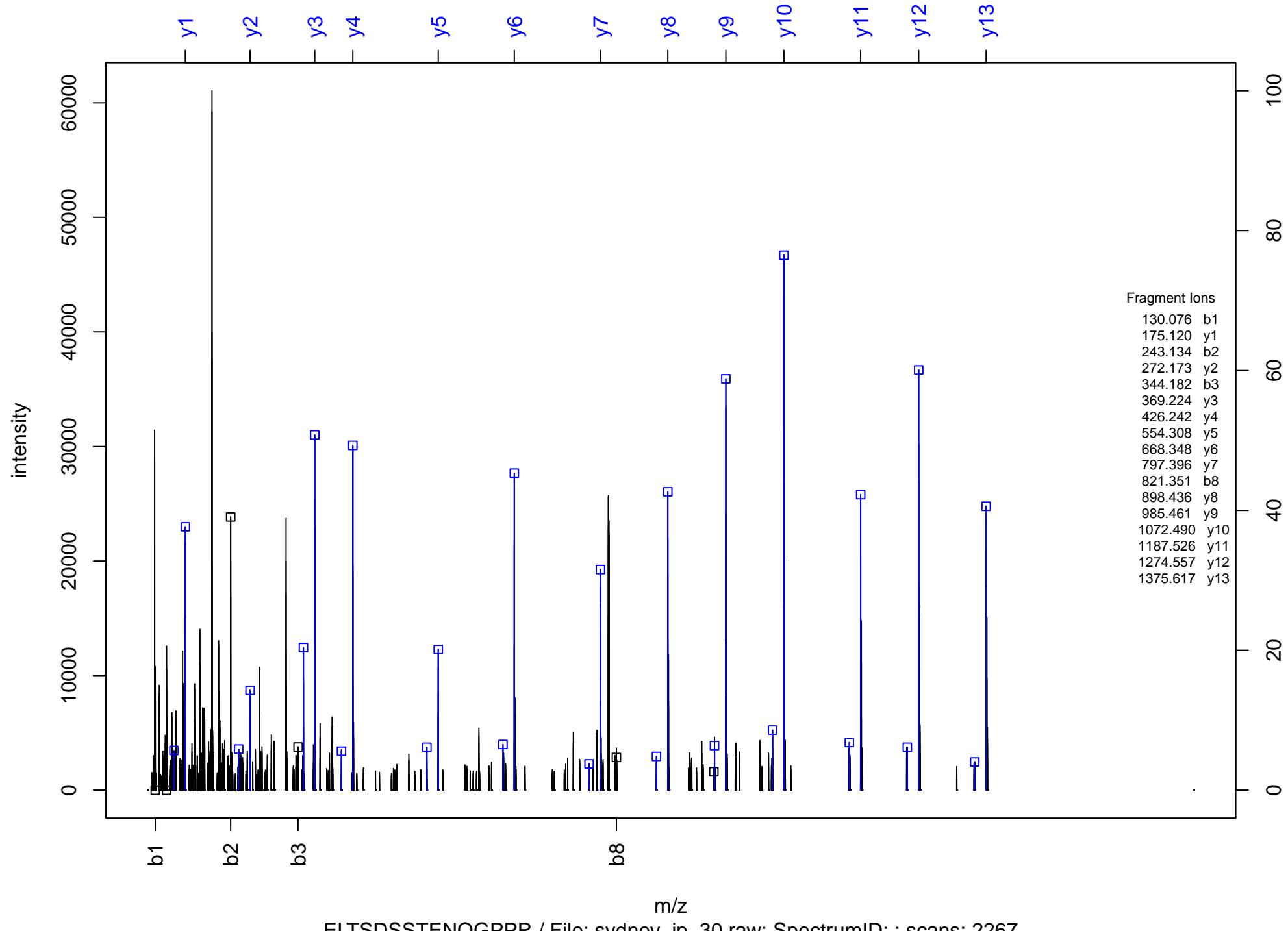


KLHETSCSSEQ^NQKTR

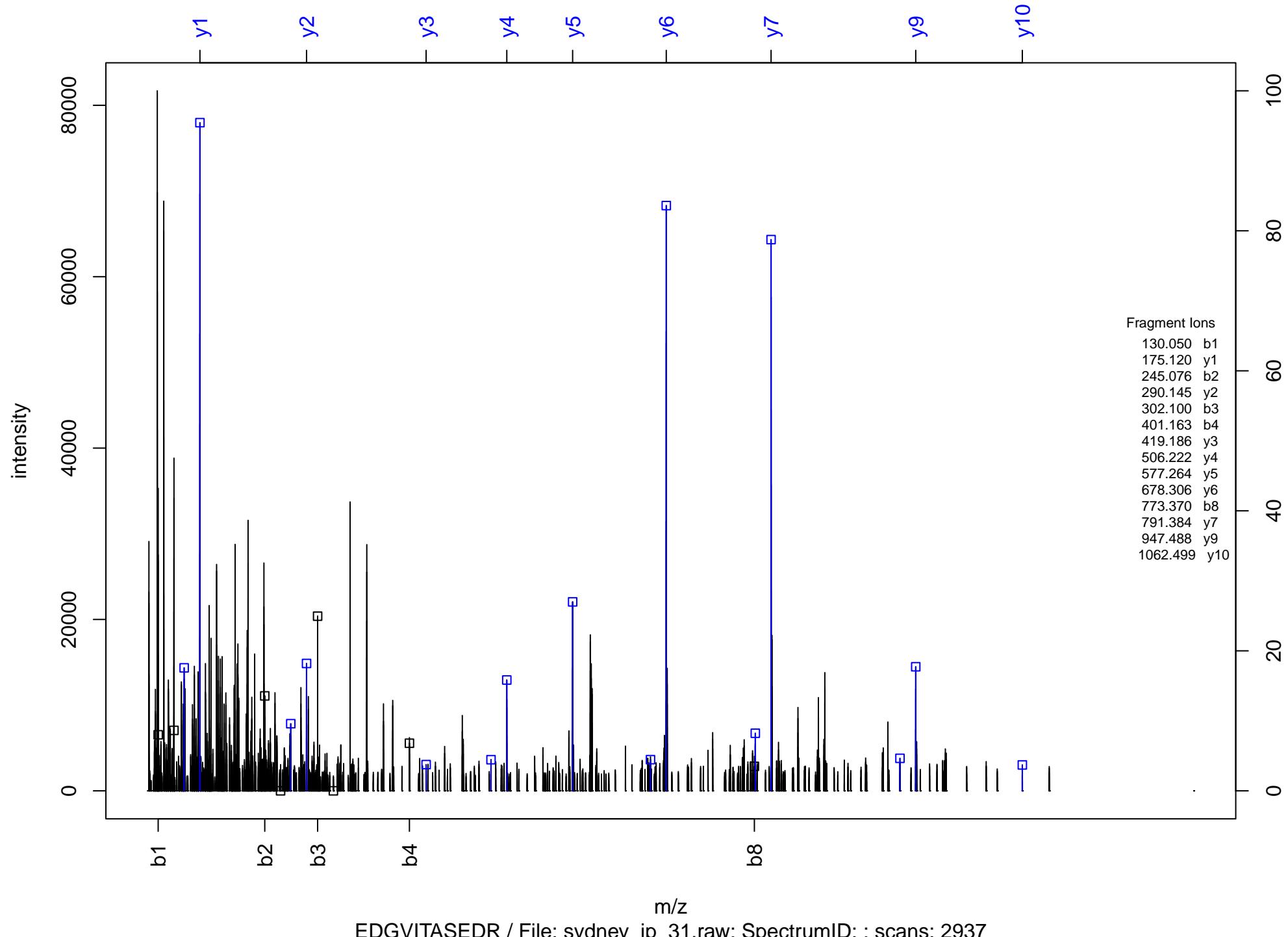


KLHETSCSSEQNQKTR / File: sydney_ip_30.raw; SpectrumID: ; scans: 1548

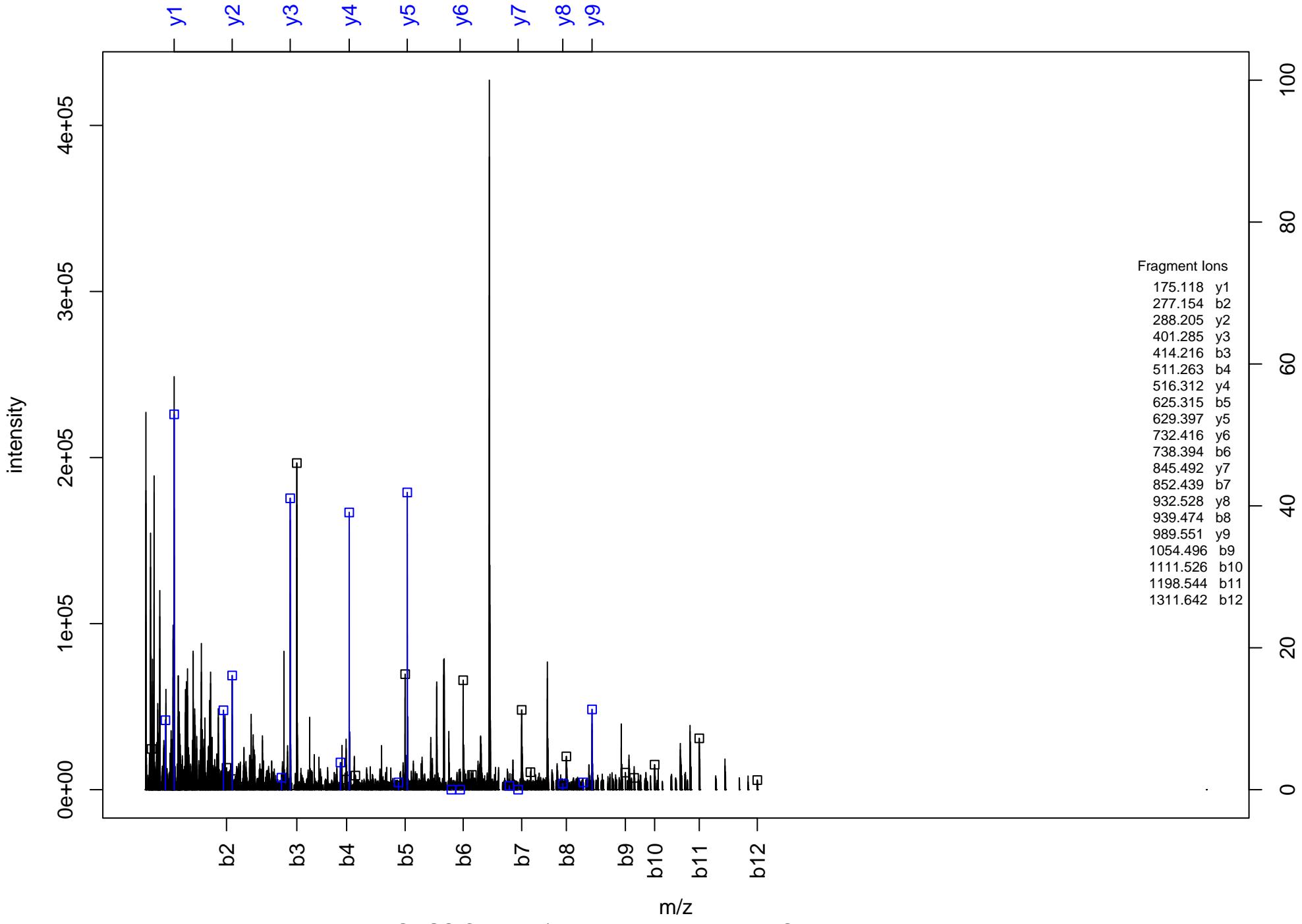
ELTSDSSTENQGPPR



EDGVITASEDR

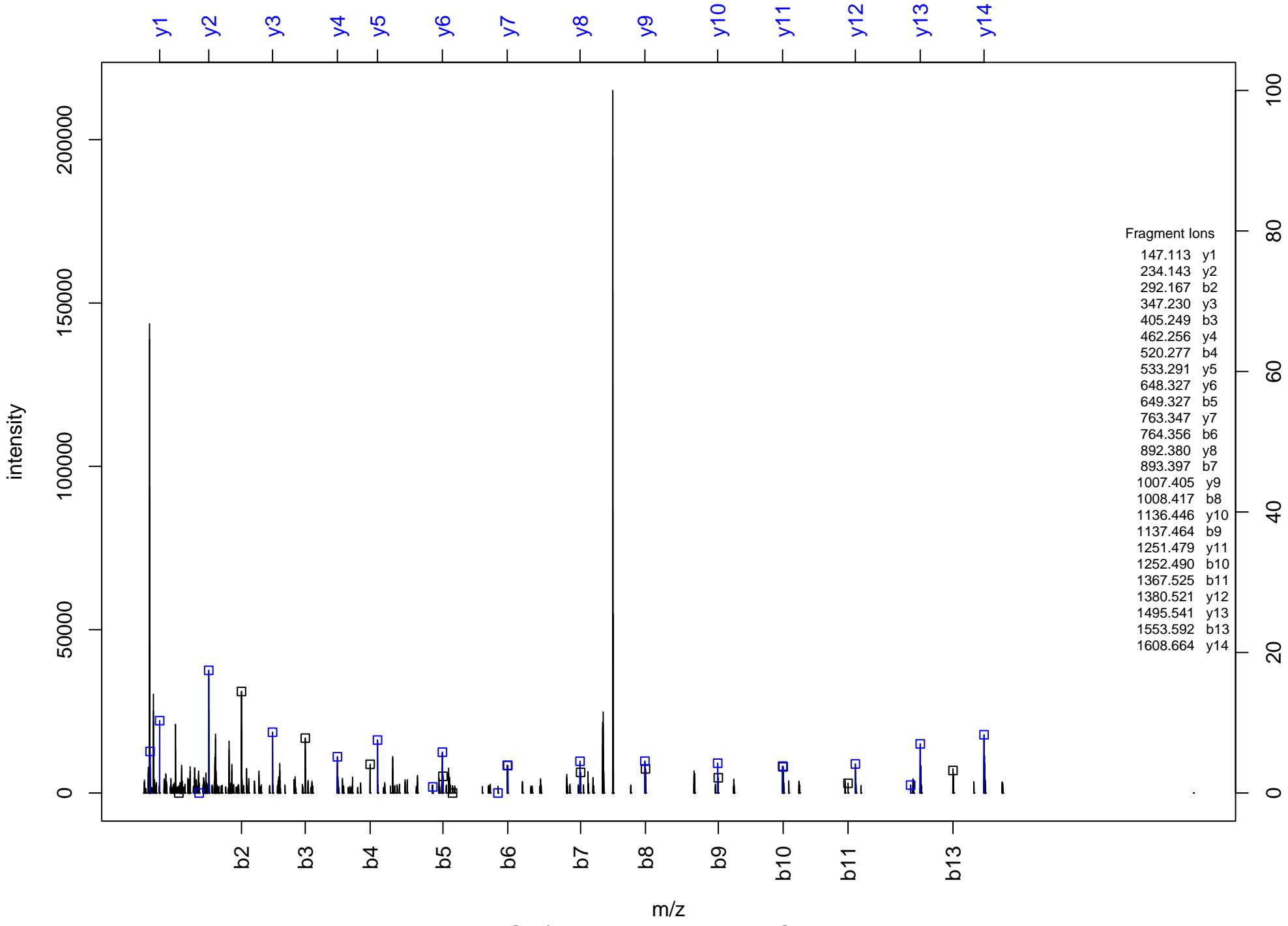


IYHPNINSN^AGSICLDILR

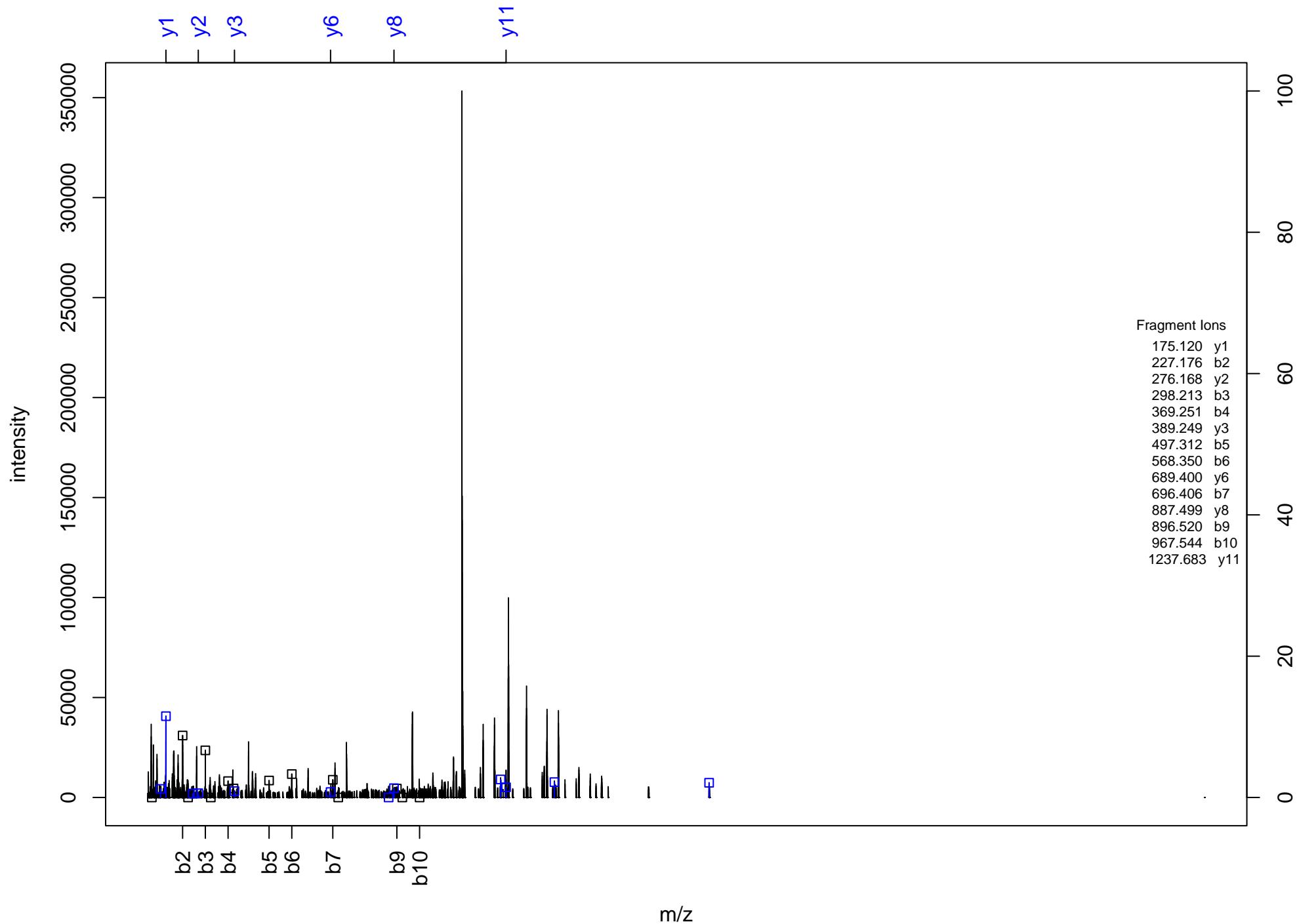


IYHPNINSN^AGSICLDILR / File: sydney_ip_31.raw; SpectrumID: ; scans: 13887

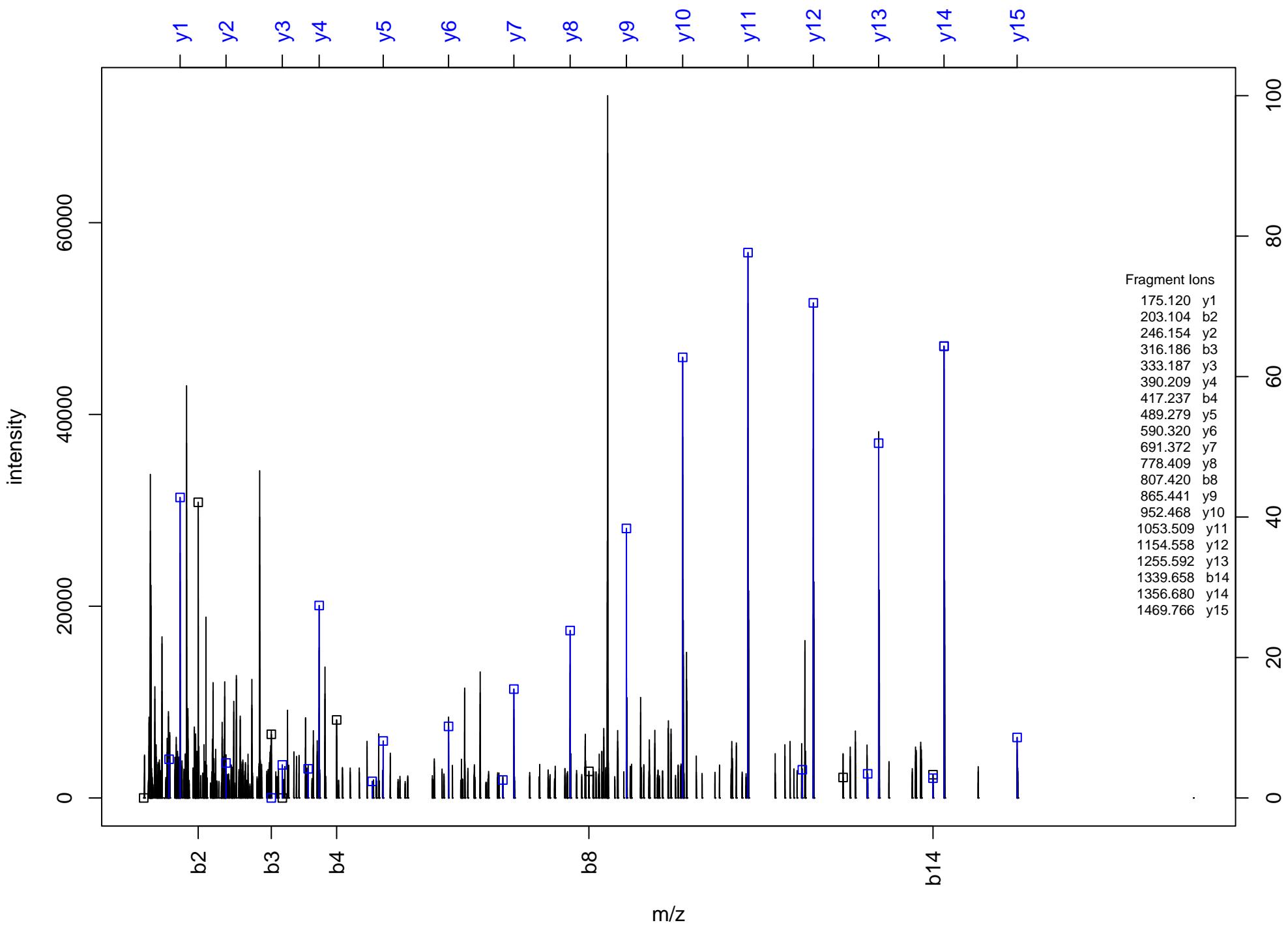
YKLDEDEDEDADLSK



ILAAQQAQLSAQGGAQPSVEAPAPPRTATQLTR

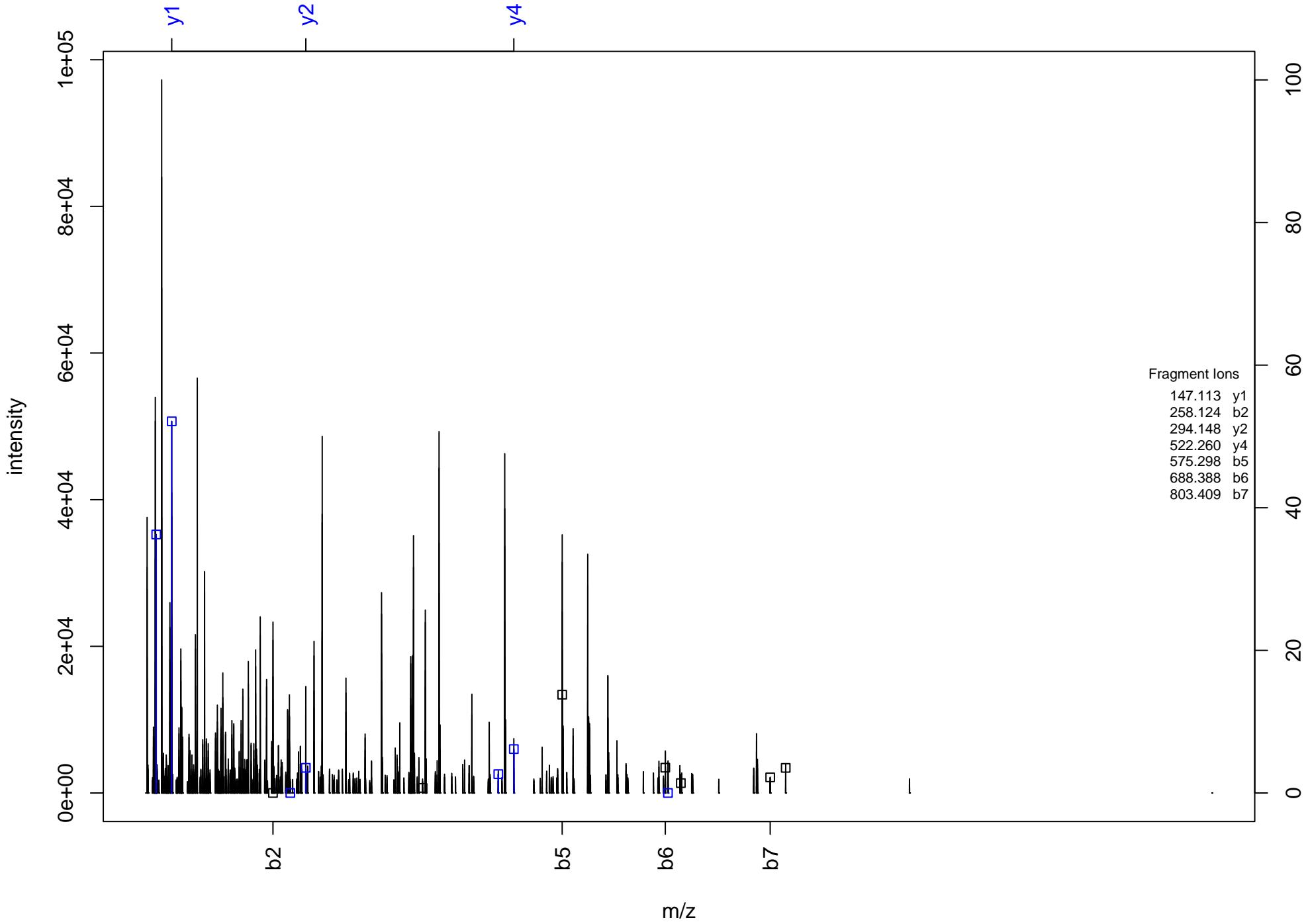


TTTTTSSSTVGSAR

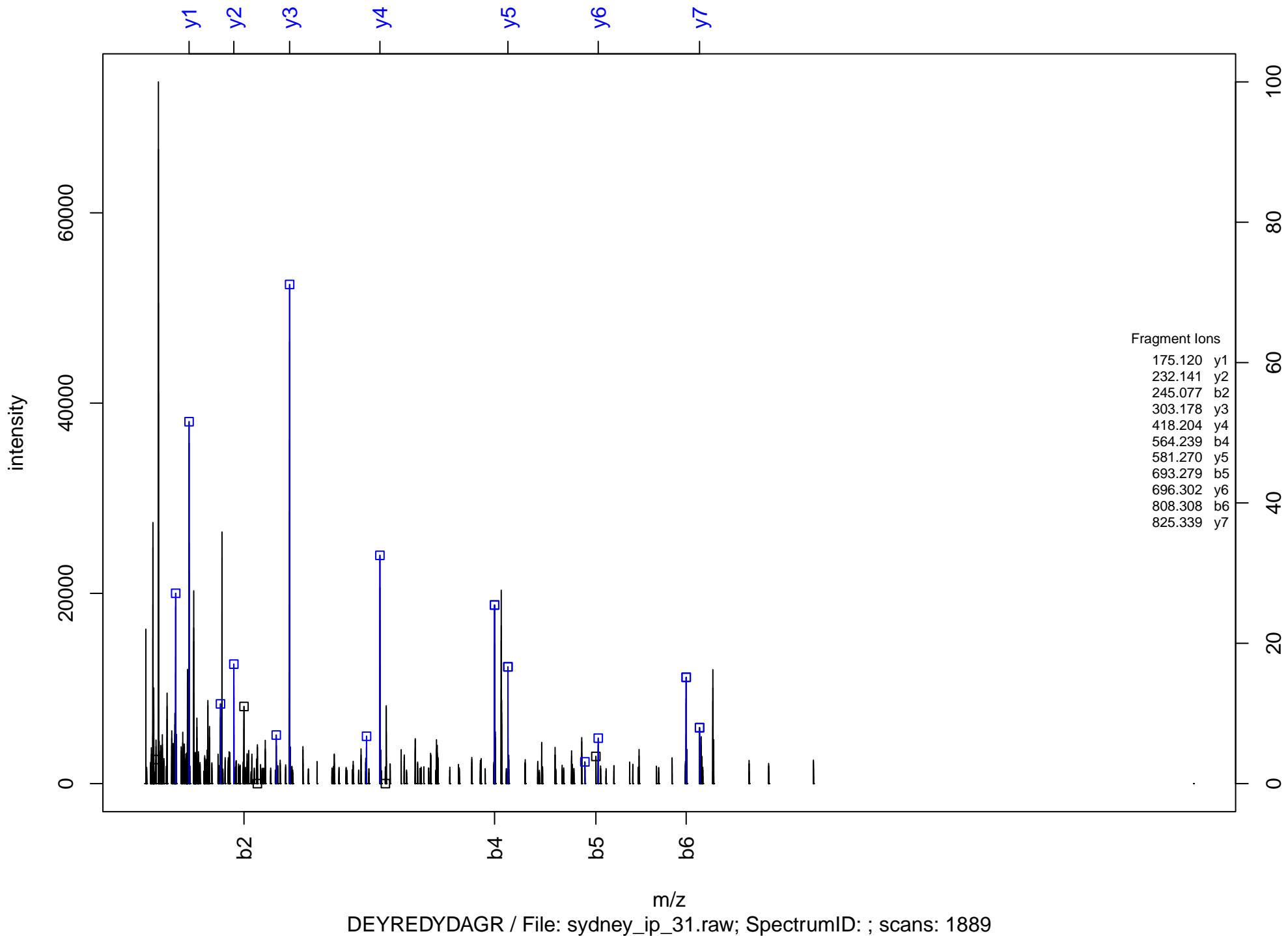


TTTTTSSSTVGSAR / File: sydney_ip_31.raw; SpectrumID: ; scans: 3130

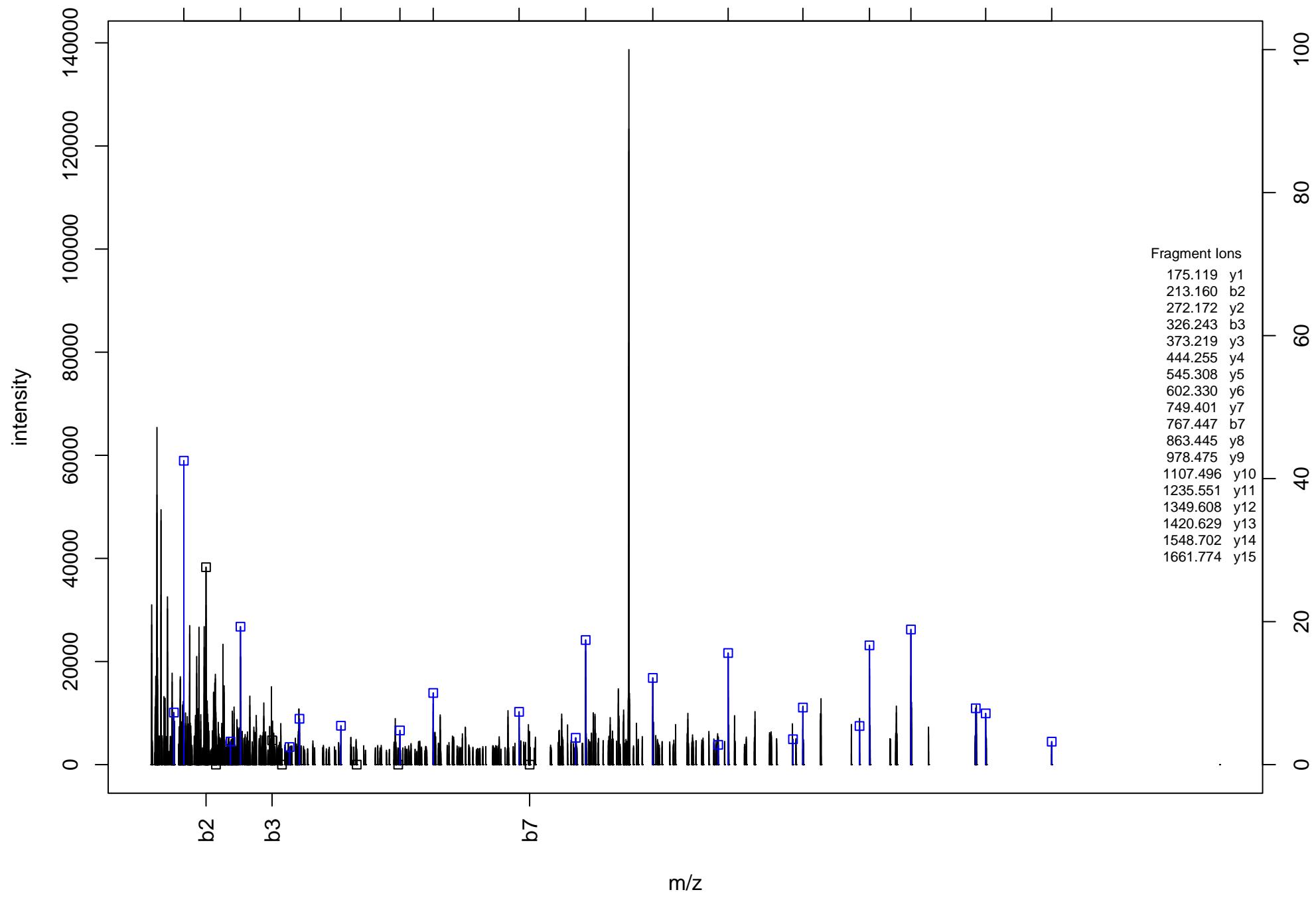
AWFLGLN^KEGQ^VM*K



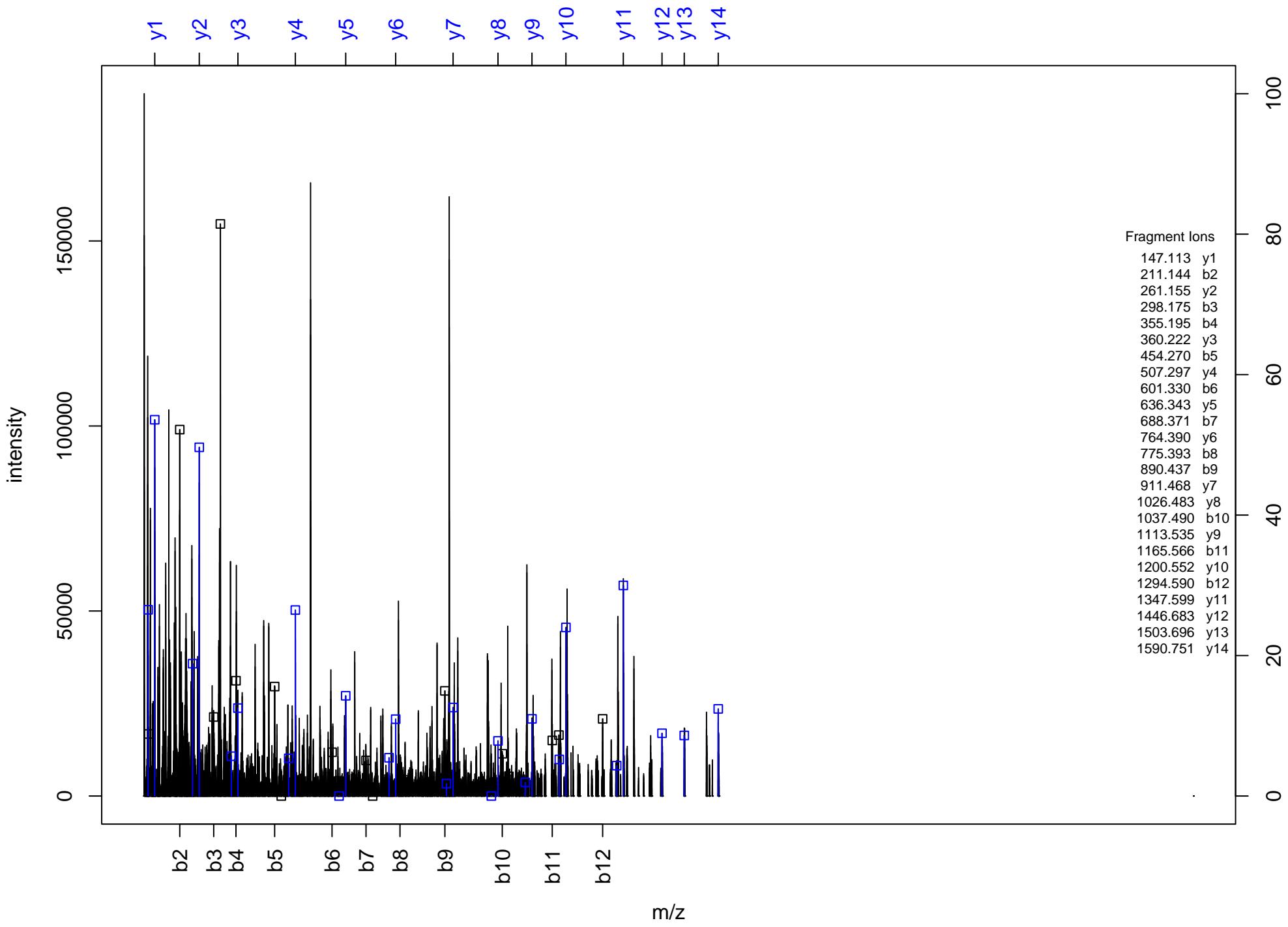
DEYREDYDAGR



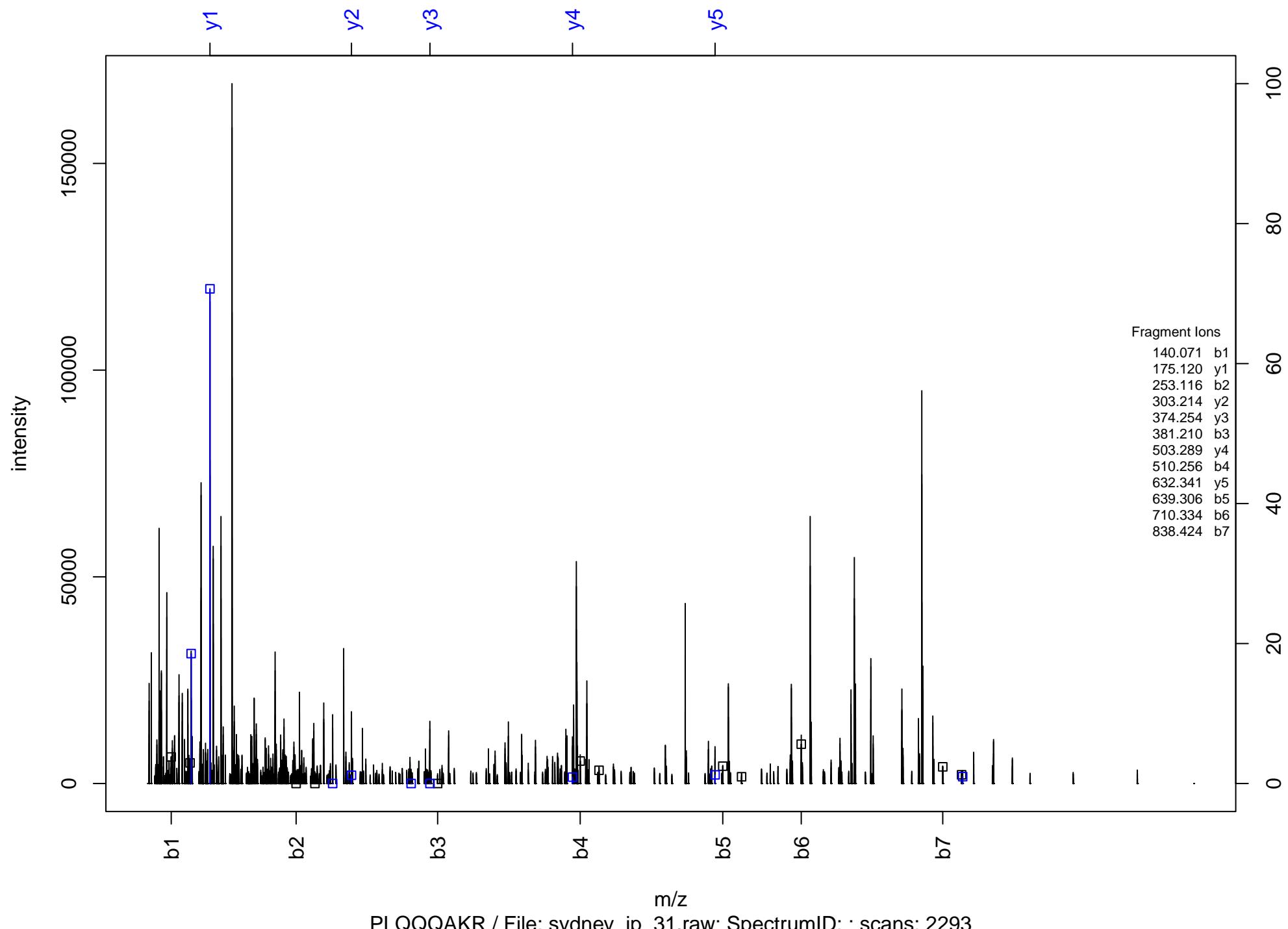
VLIQANQEDNFGTATPR



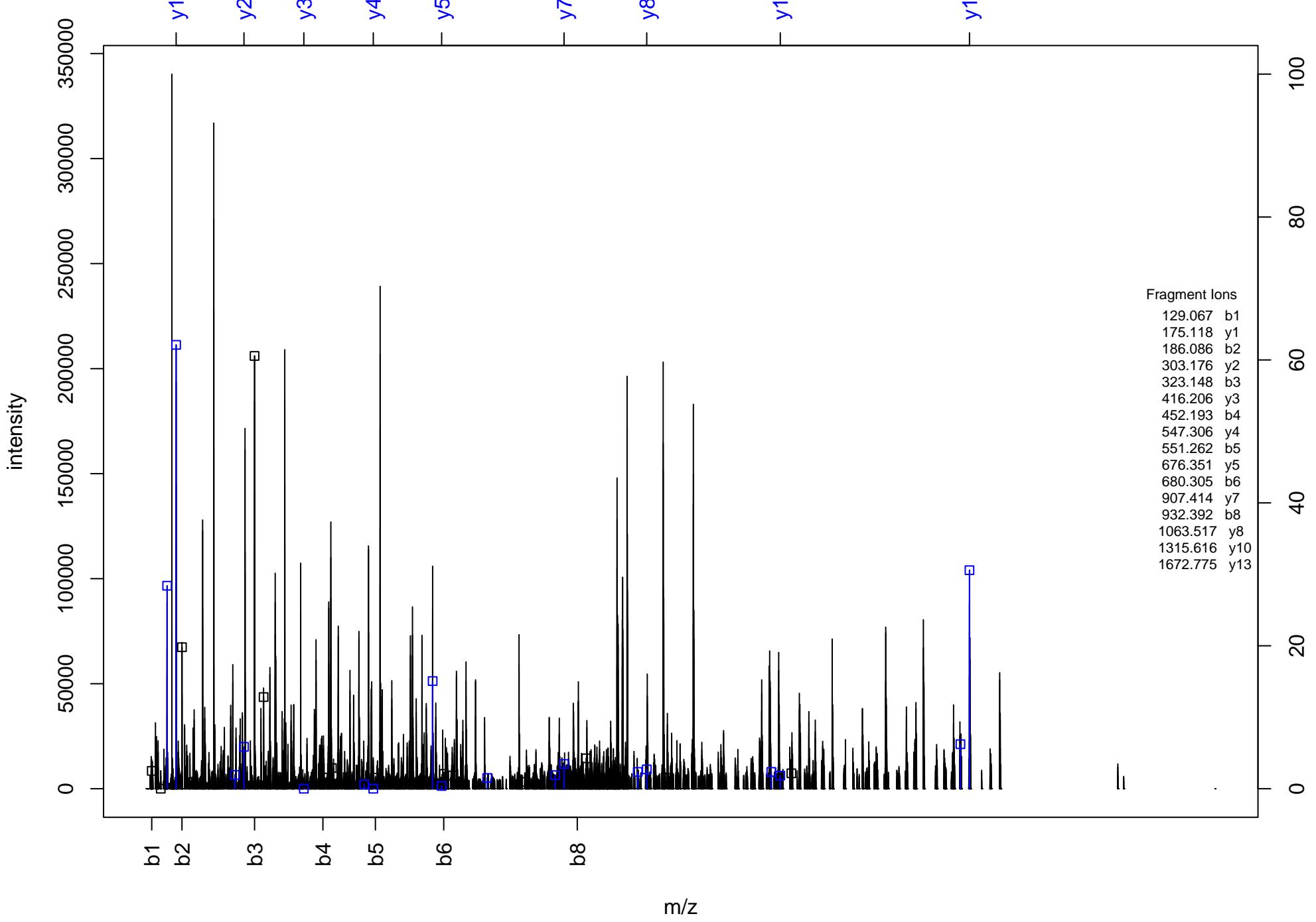
LPSGVFSSDFQEFVNK



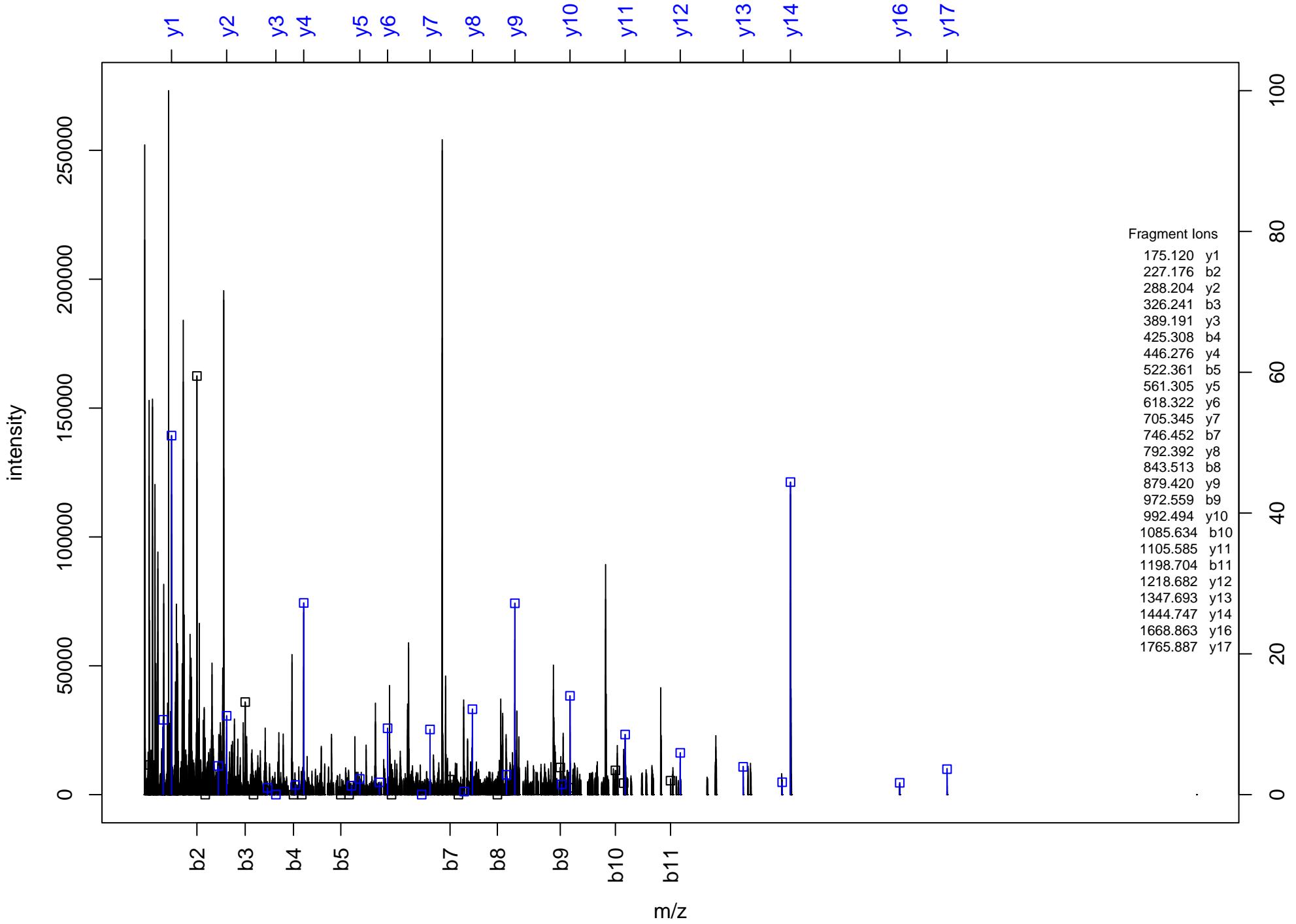
(Ac)PLQQ^Q^AKR



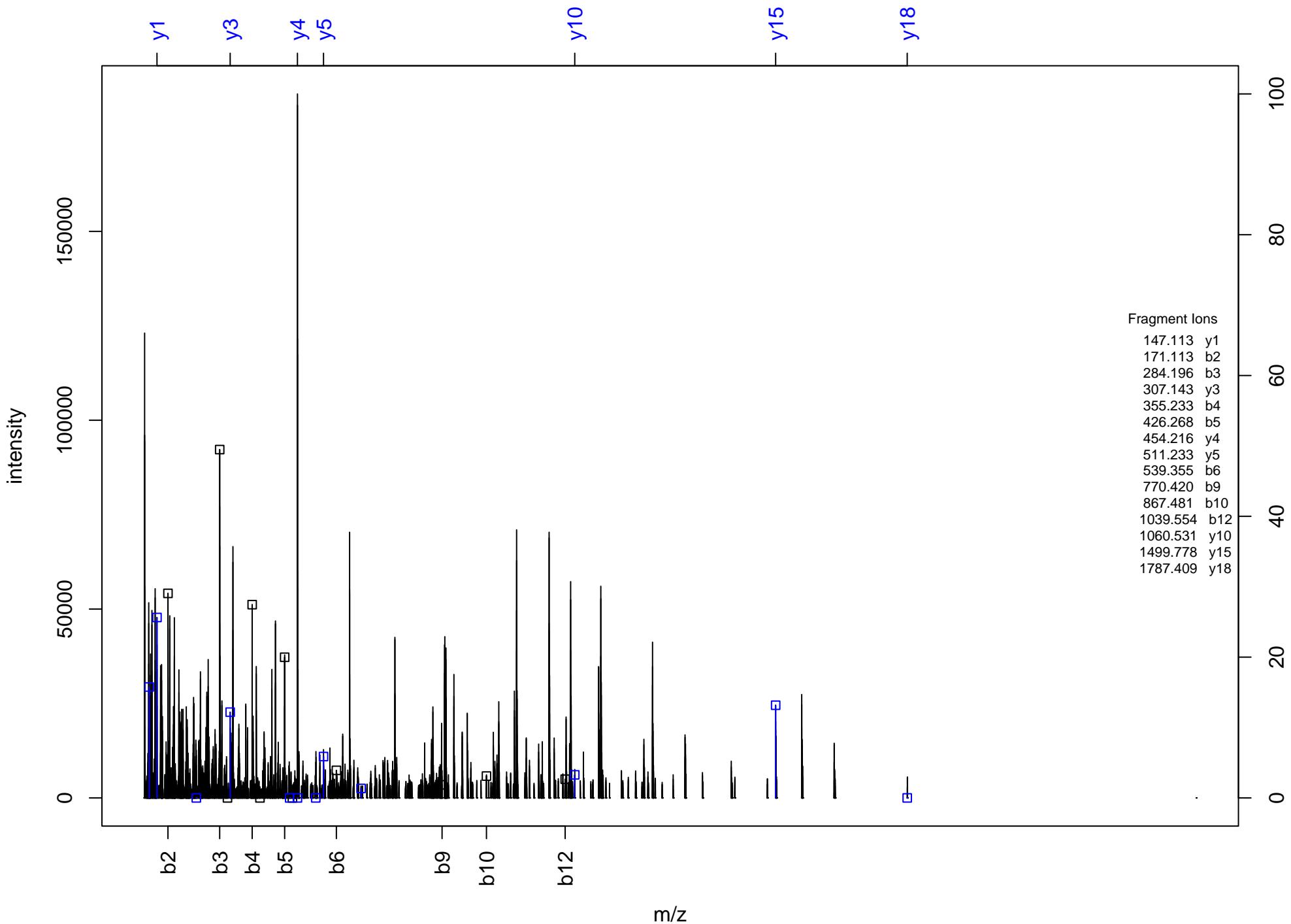
QGHQ^VQ^HN^RQCEMLQR



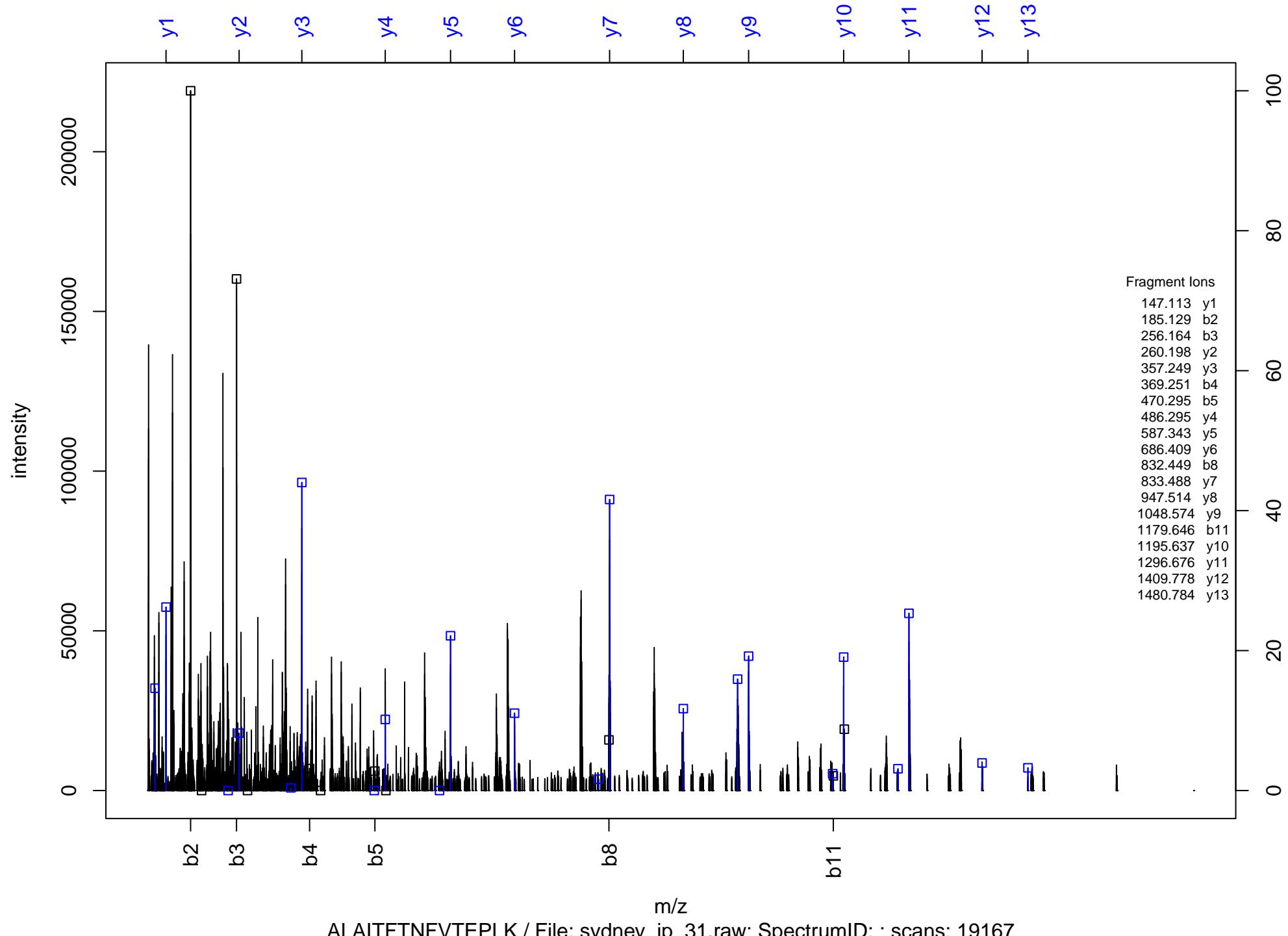
ILVVPSHPELLLSSSGDGTLR



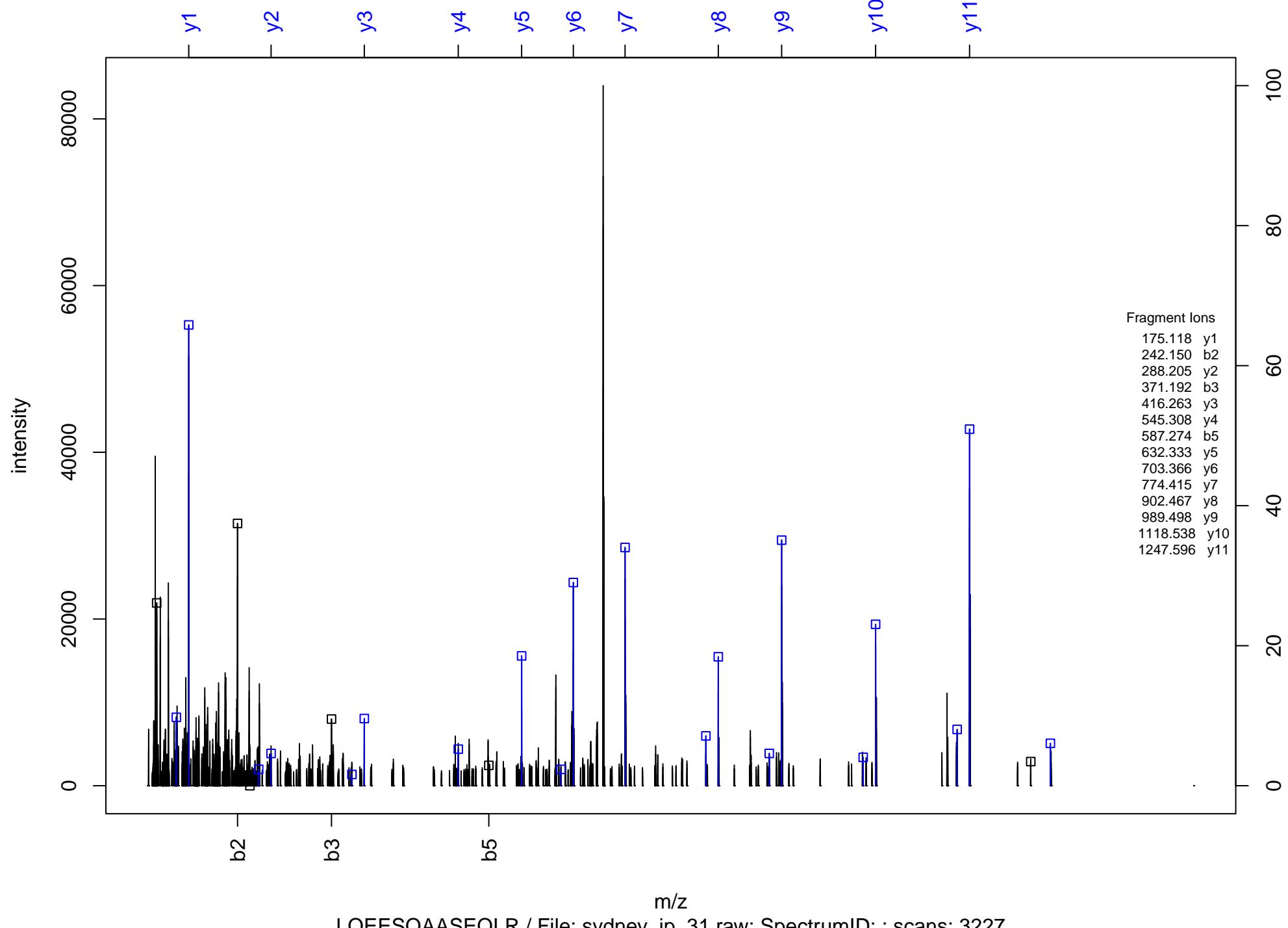
GLIAAICAGPTALLAHEVGFGCK



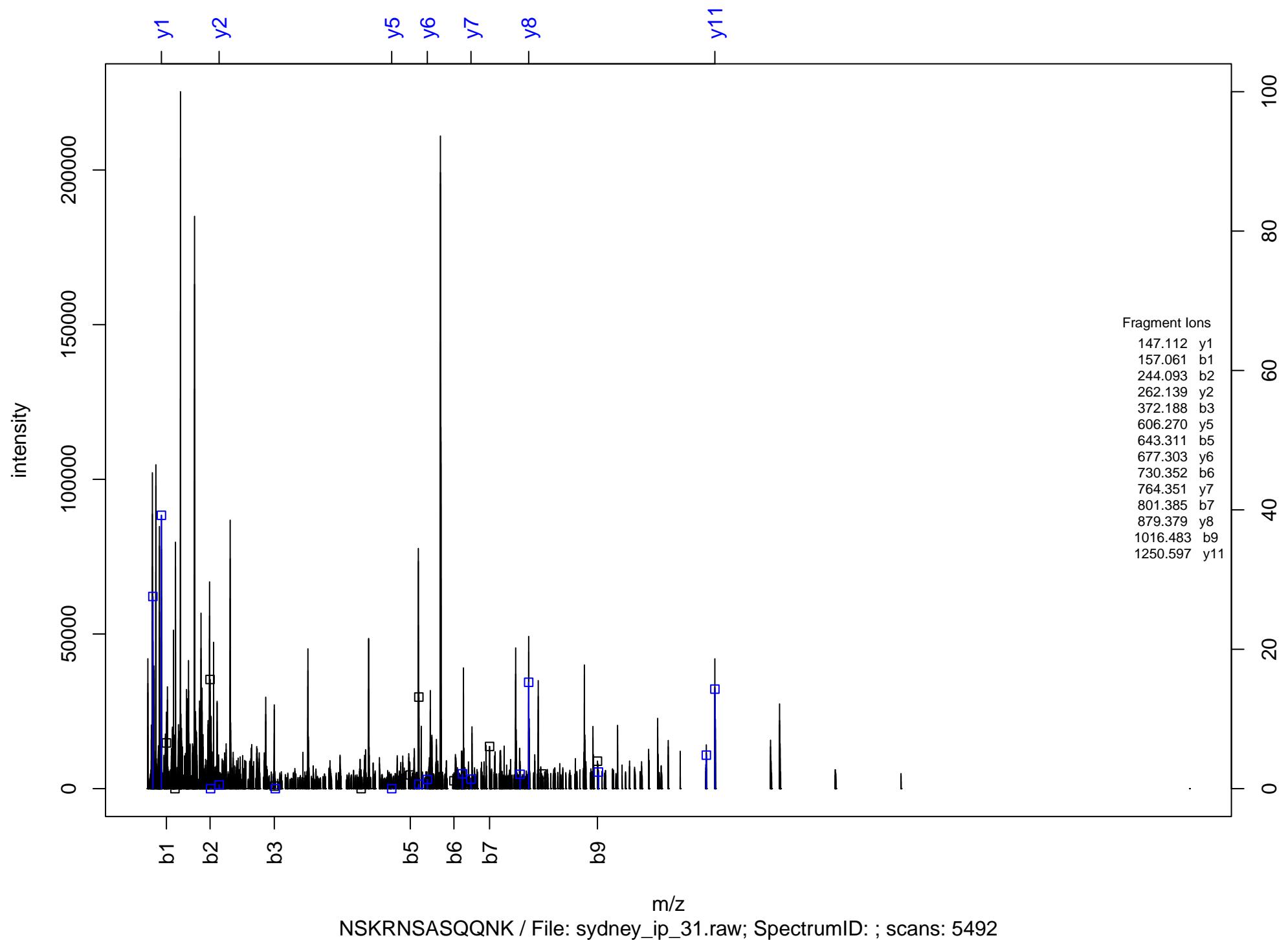
ALAIFTNFVTEPLK



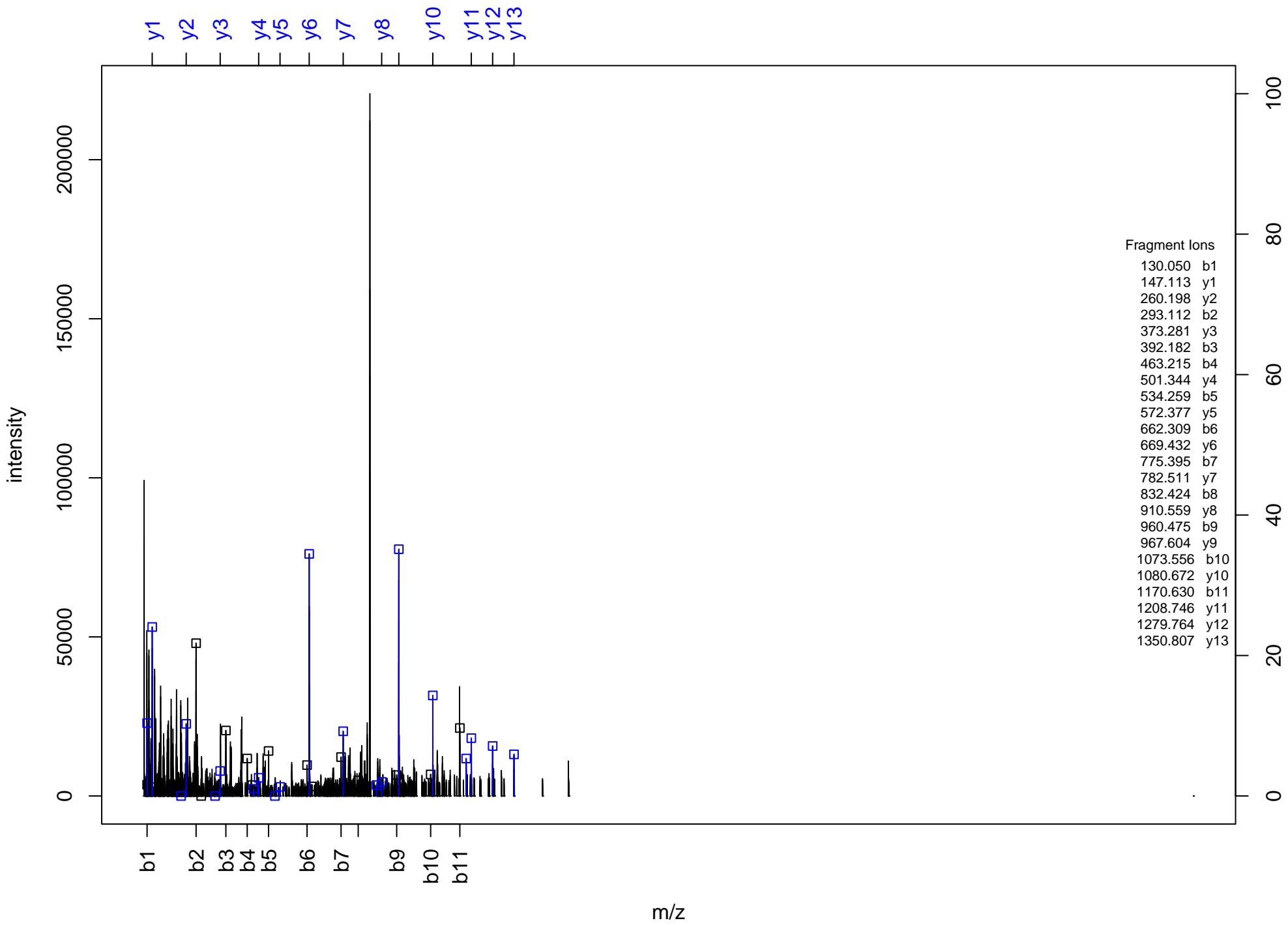
LQEESQAASEQLR



(Ac)NSKRNA^NSASQQ^NK

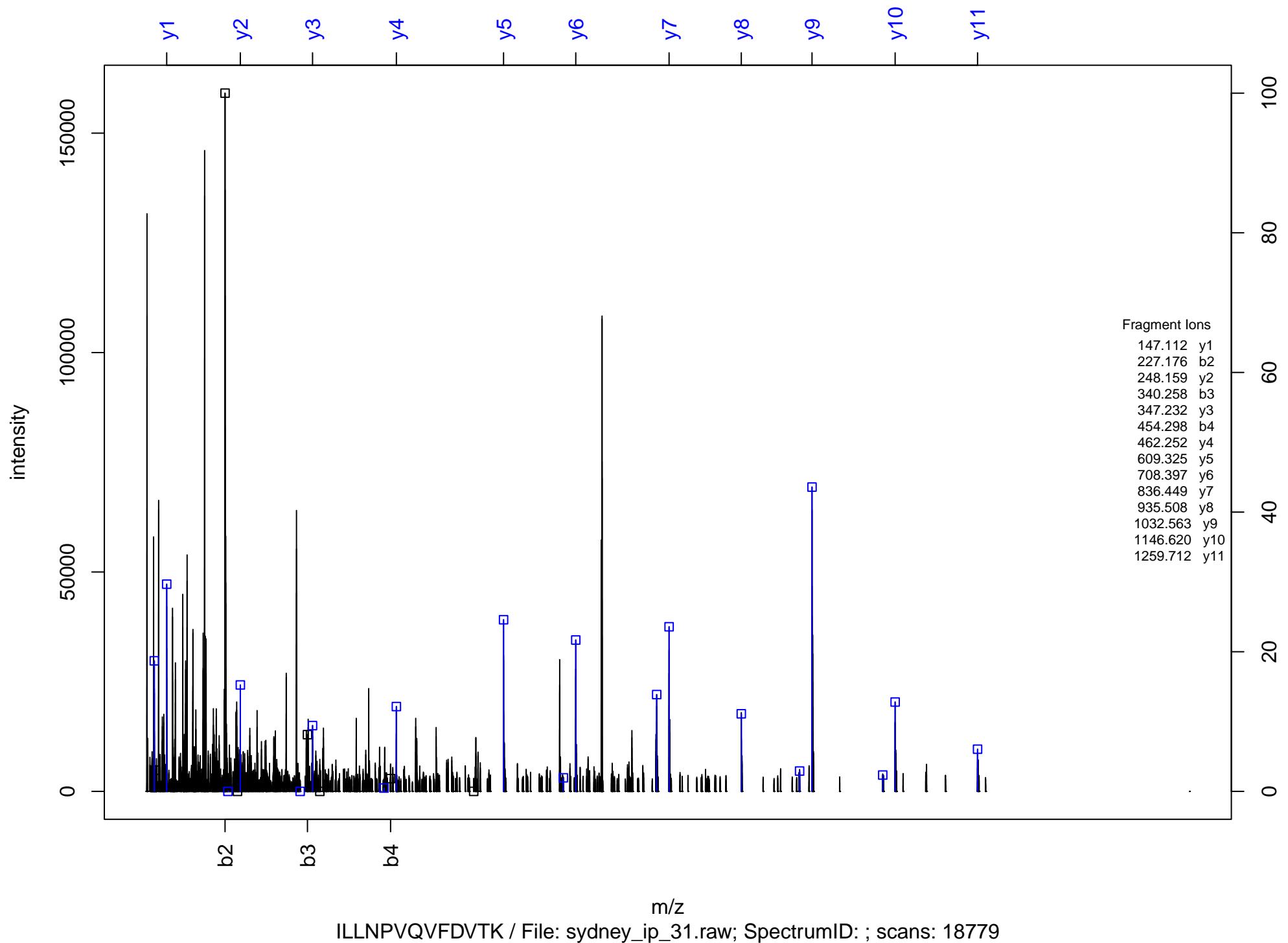


EYVAAQLGQLPAQLLK

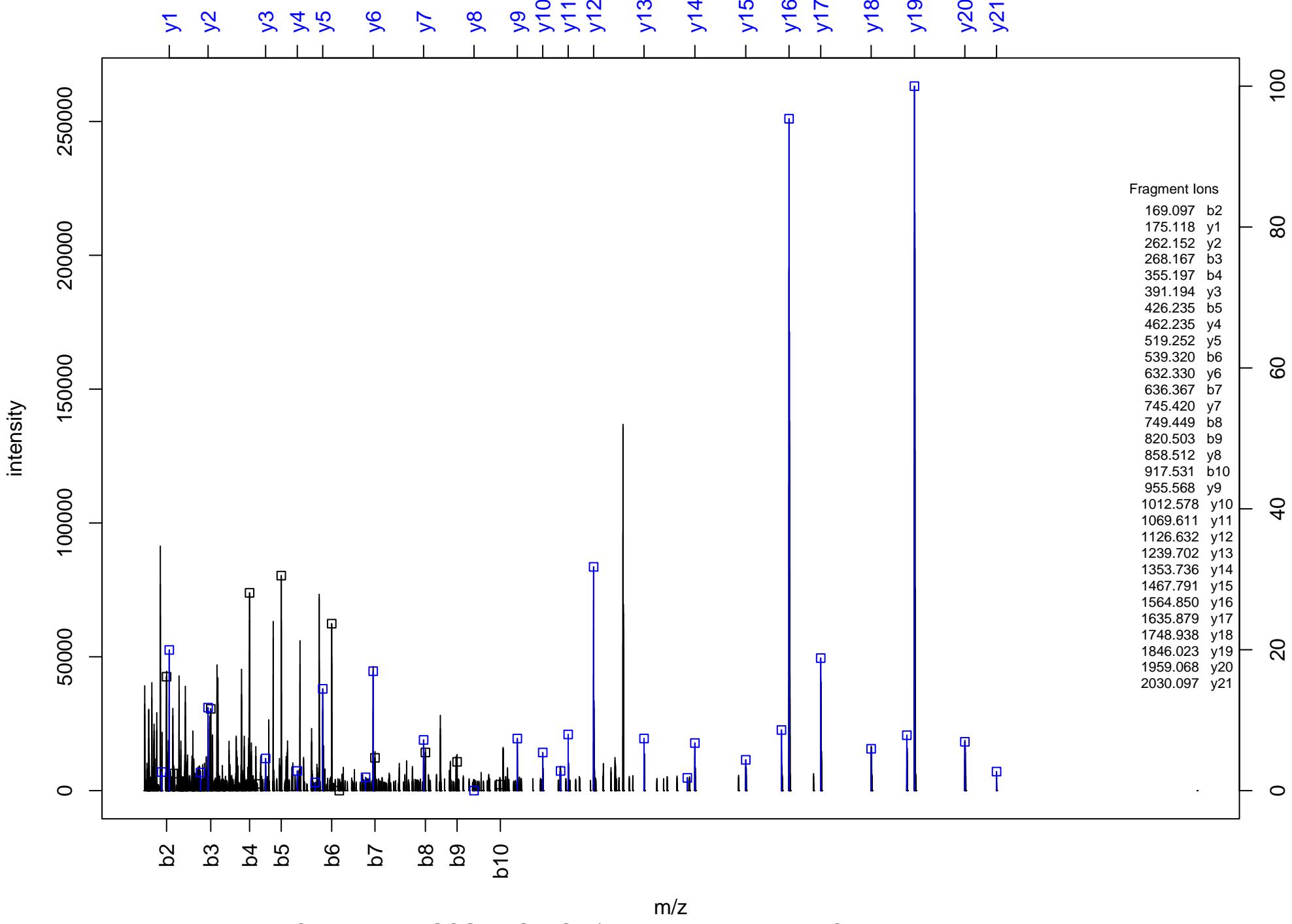


EYVAAQLGQLPAQLLK / File: sydney_ip_31.raw; SpectrumID: ; scans: 17297

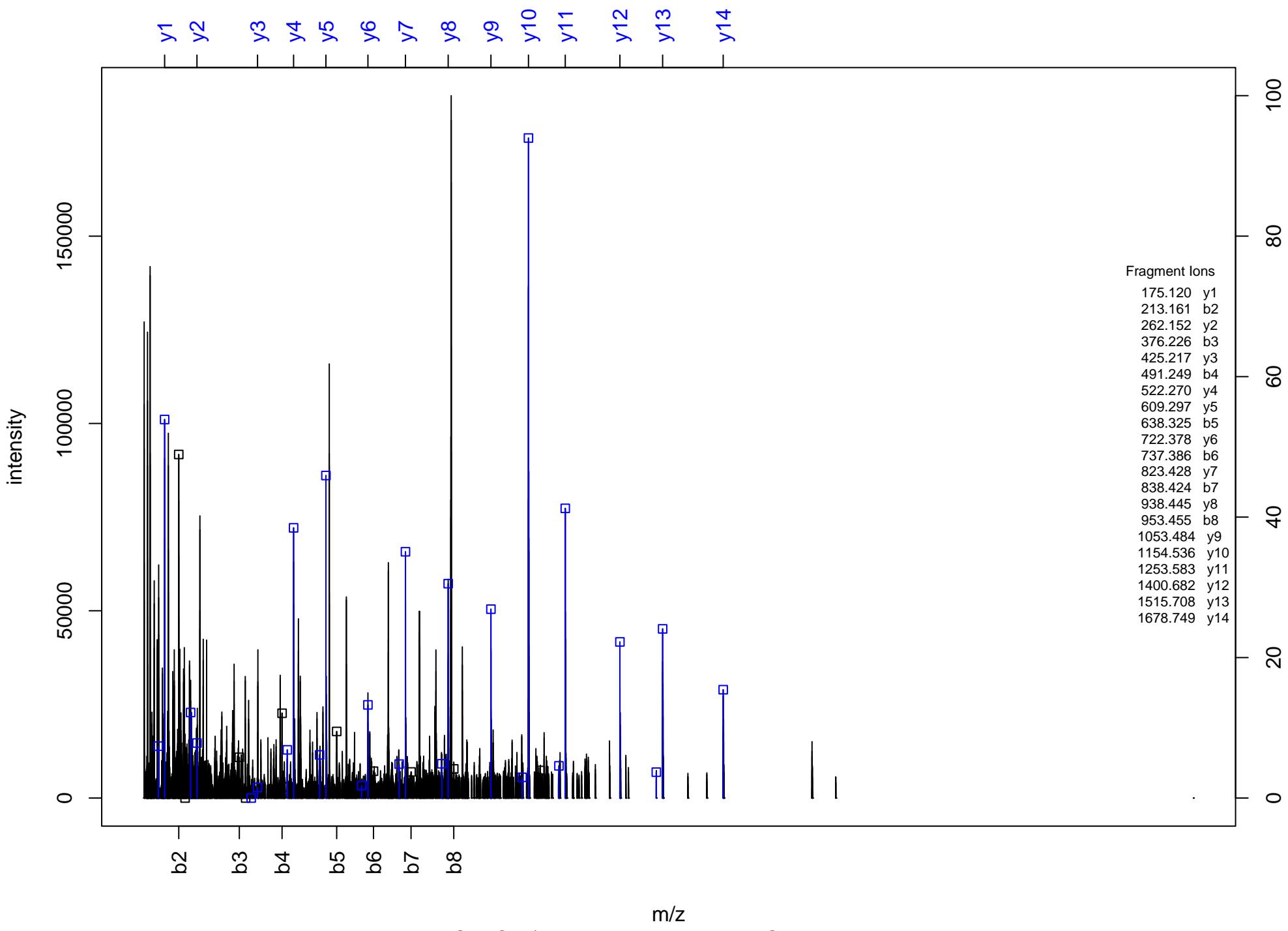
ILLNPVQVFDVTK



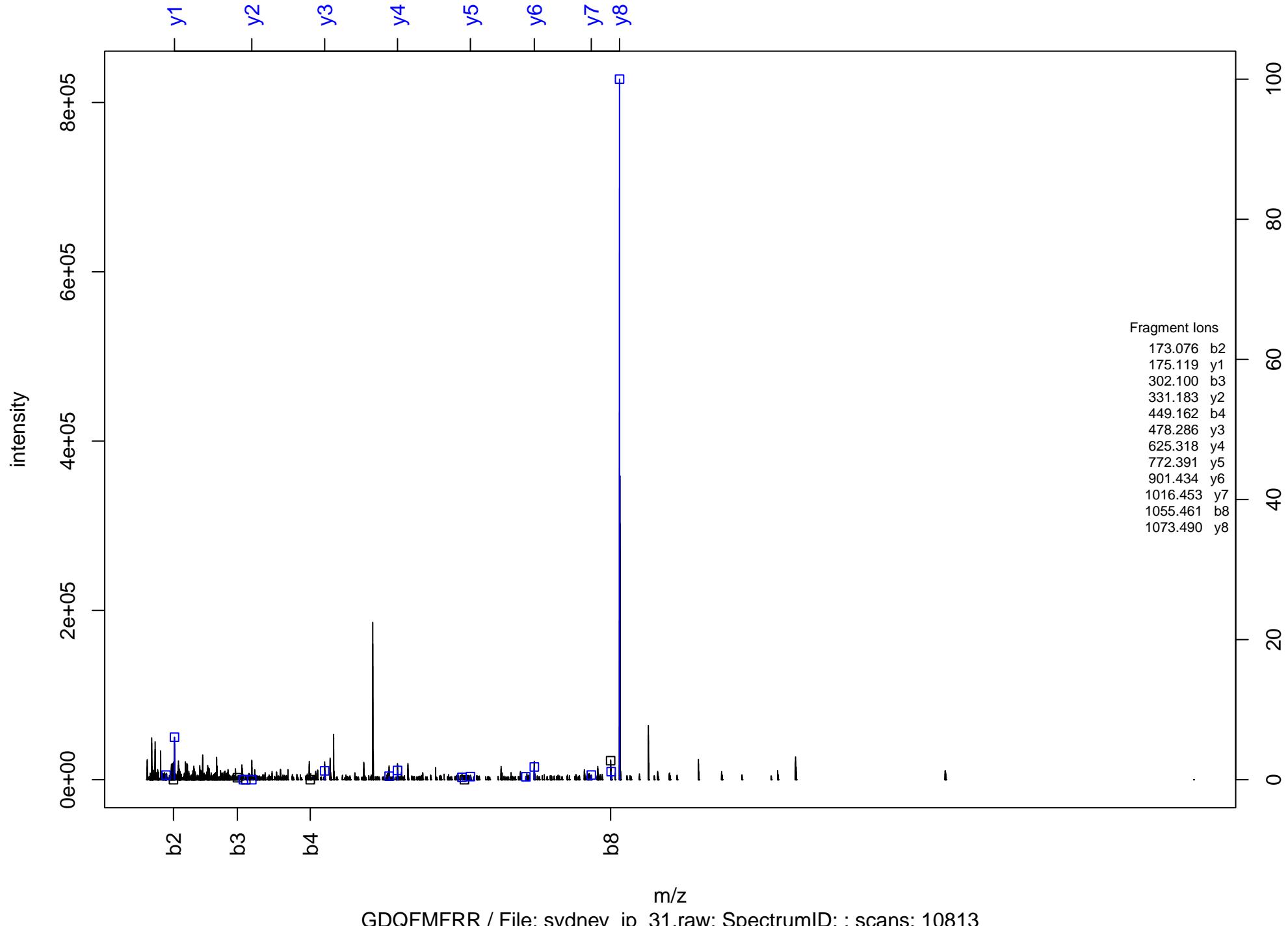
APVSALPLAPNNLGGGPIILGAESR



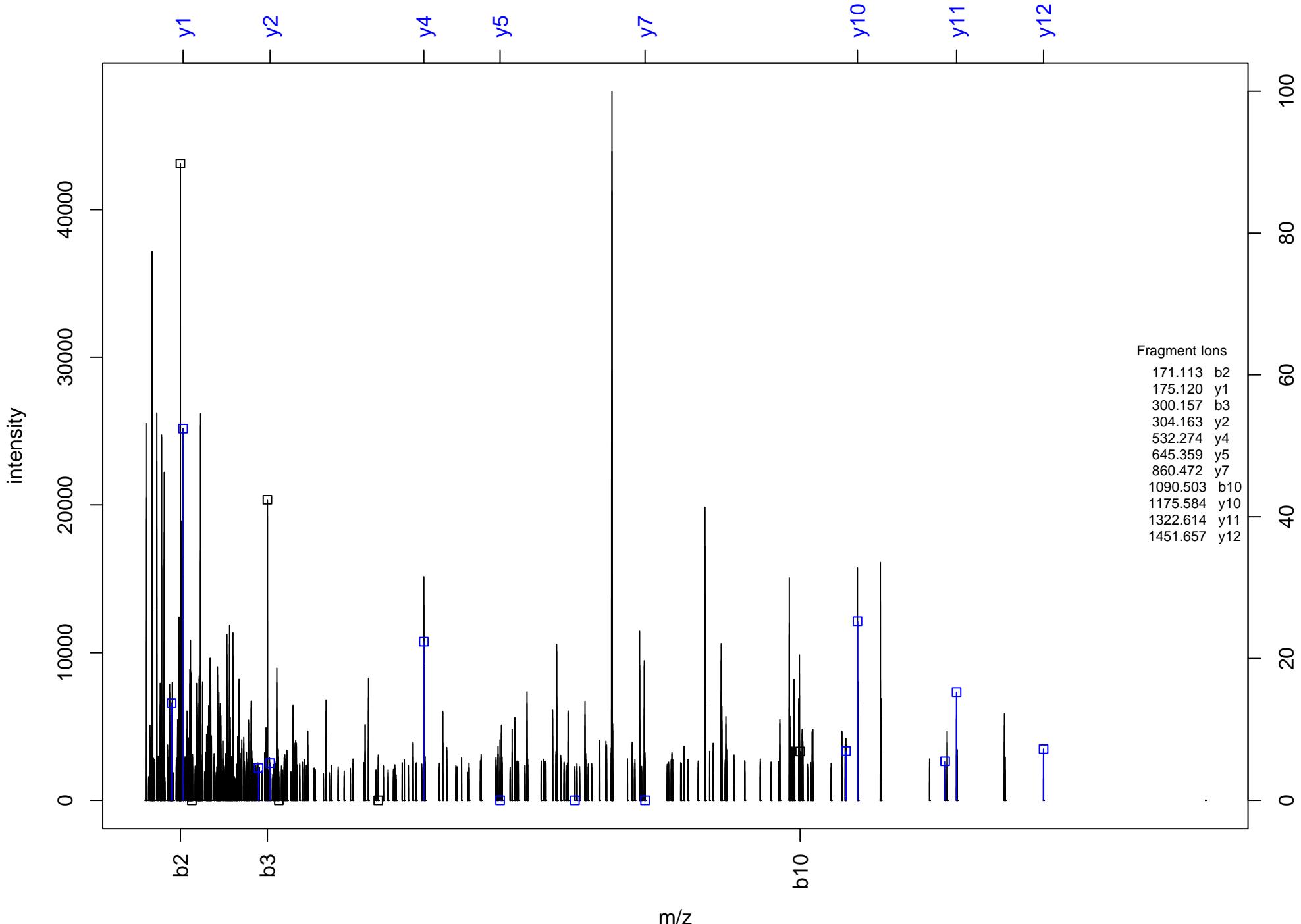
VLYDFVTDDTISPYSR



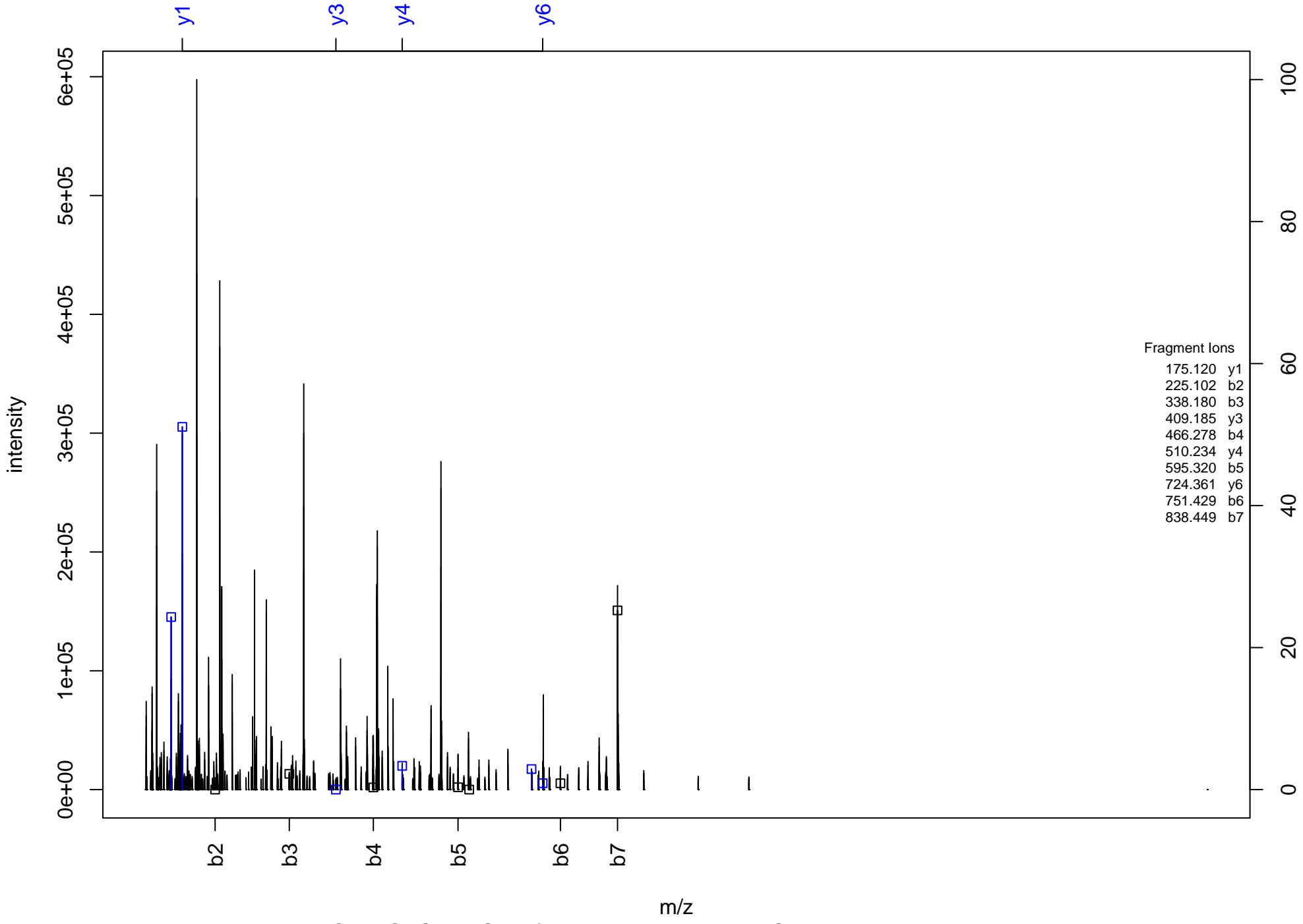
GDQ^AFM*FRR



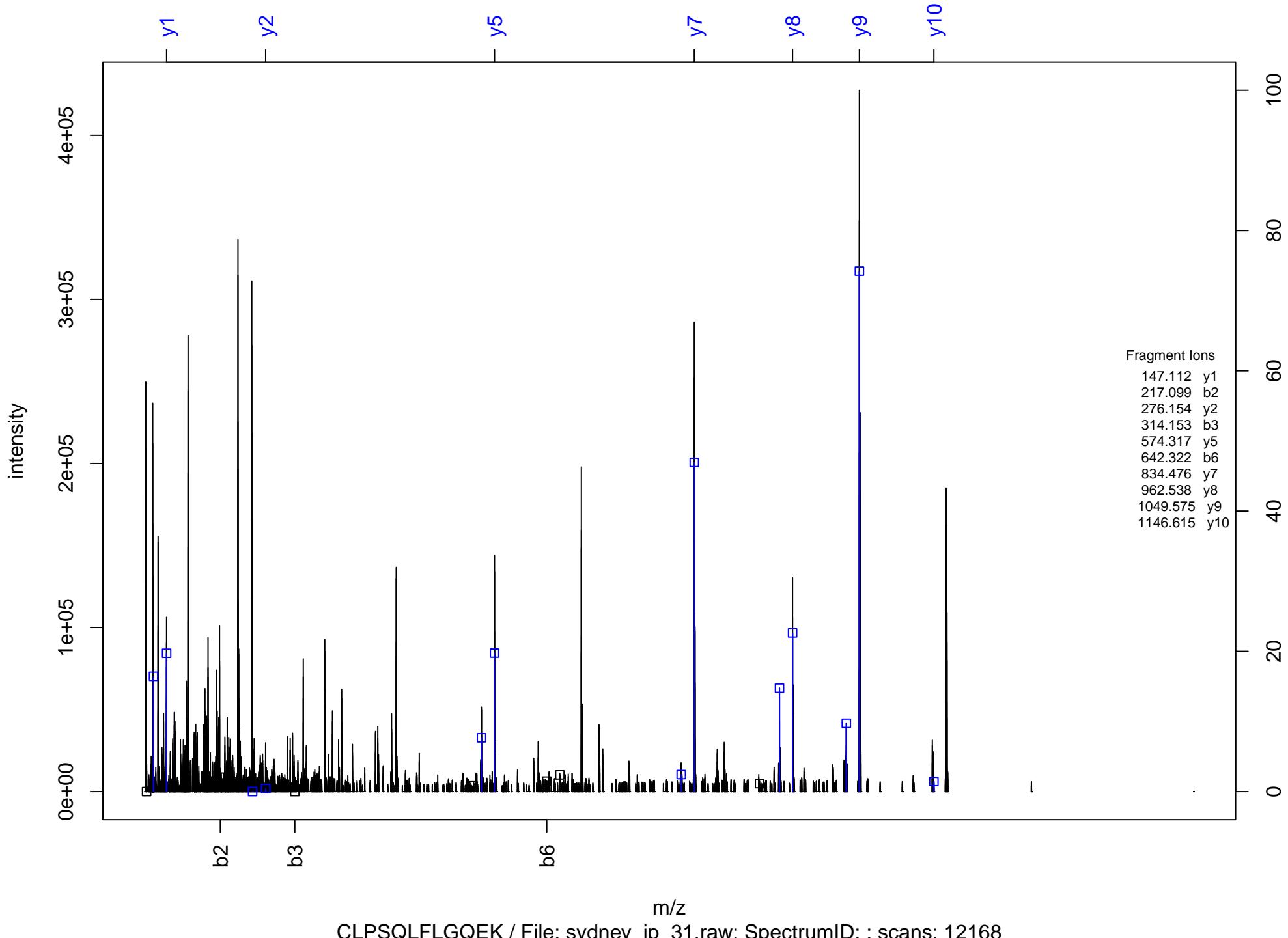
VAQ^M^*Q^GQ^SKIVQ^ER



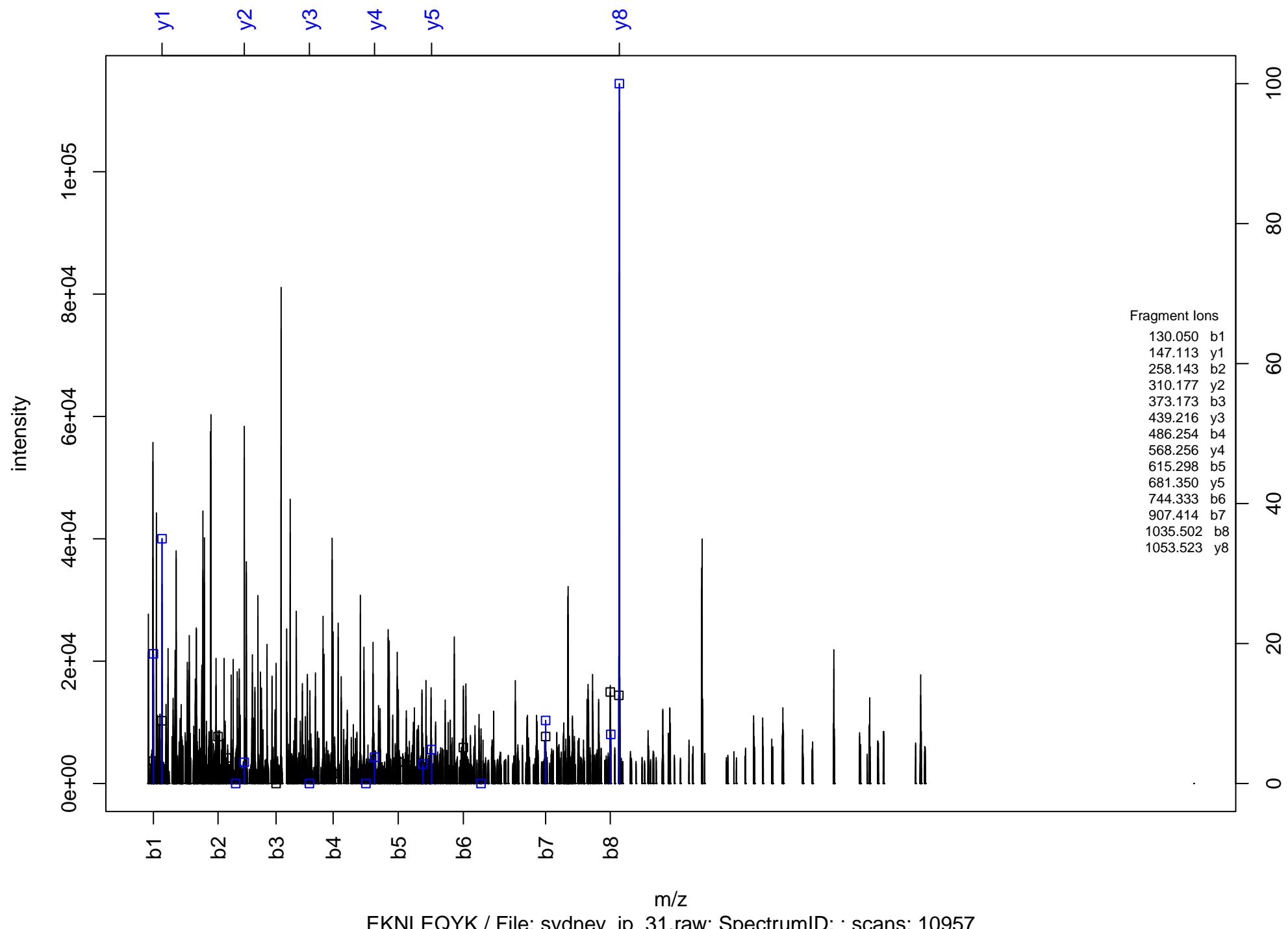
SHLKQ^RSTTLM*^SR



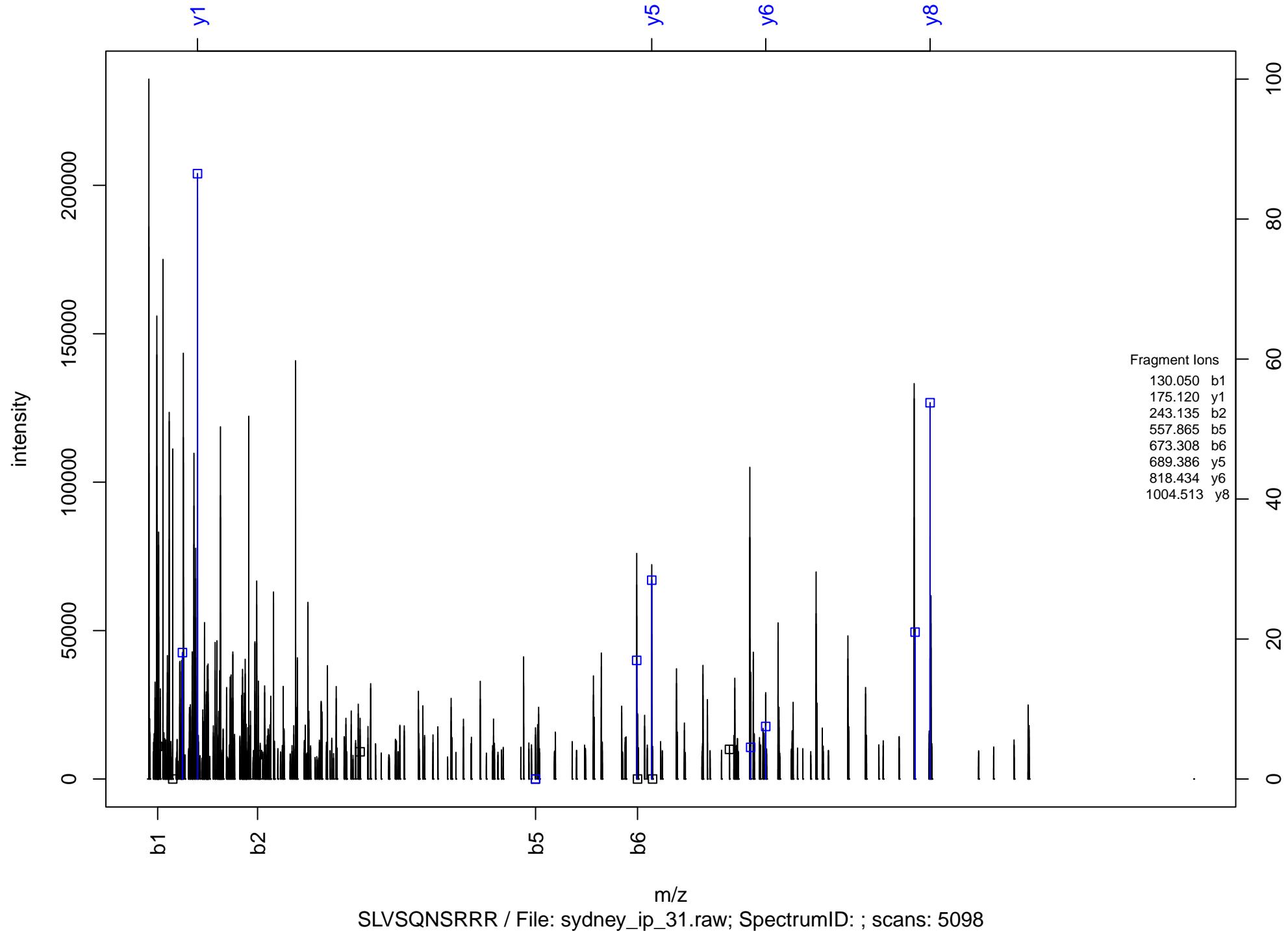
CLPSQLFLGQEK



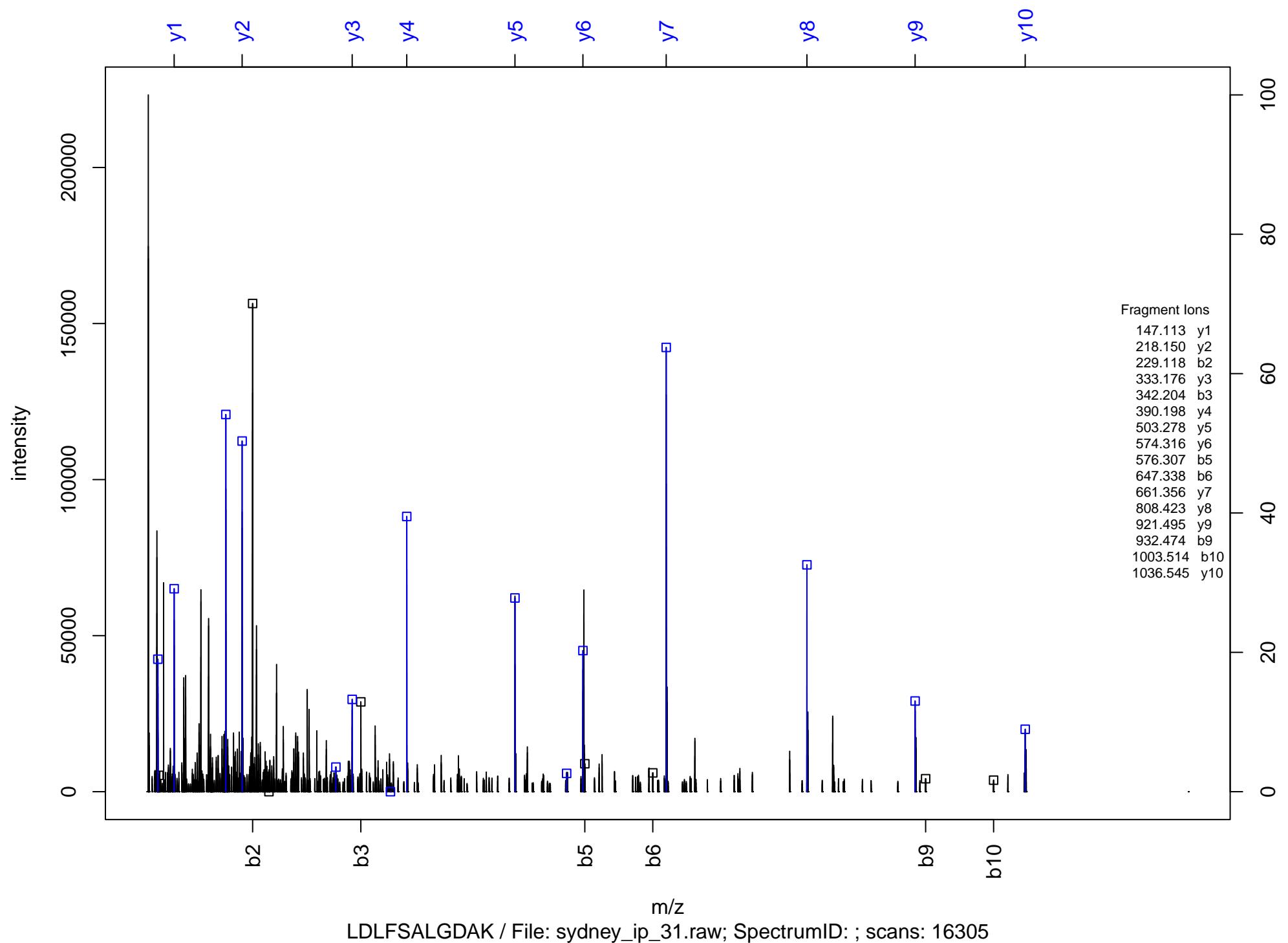
EKN^LEQ^YK



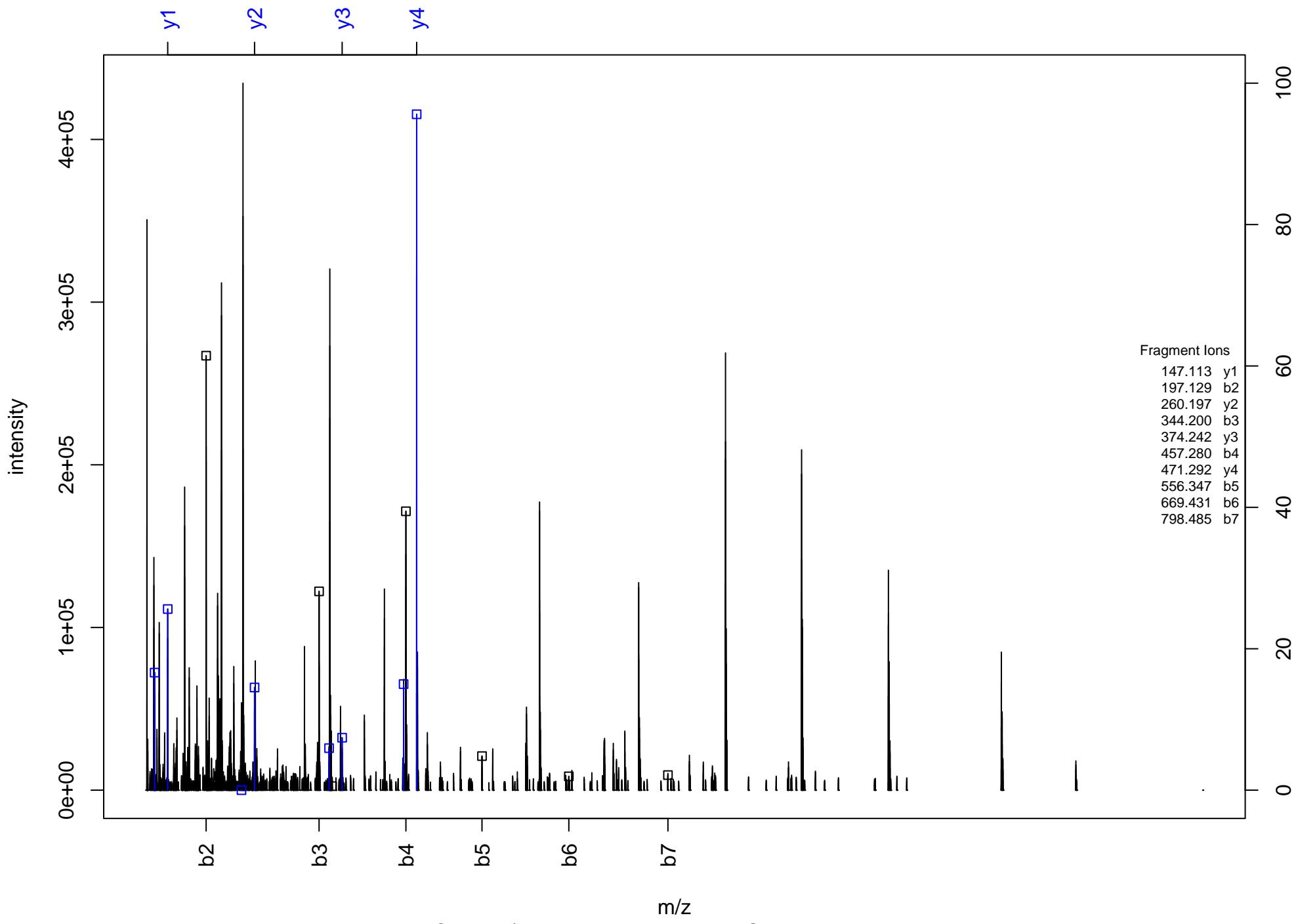
(Ac)SLVSQ^NSRRR



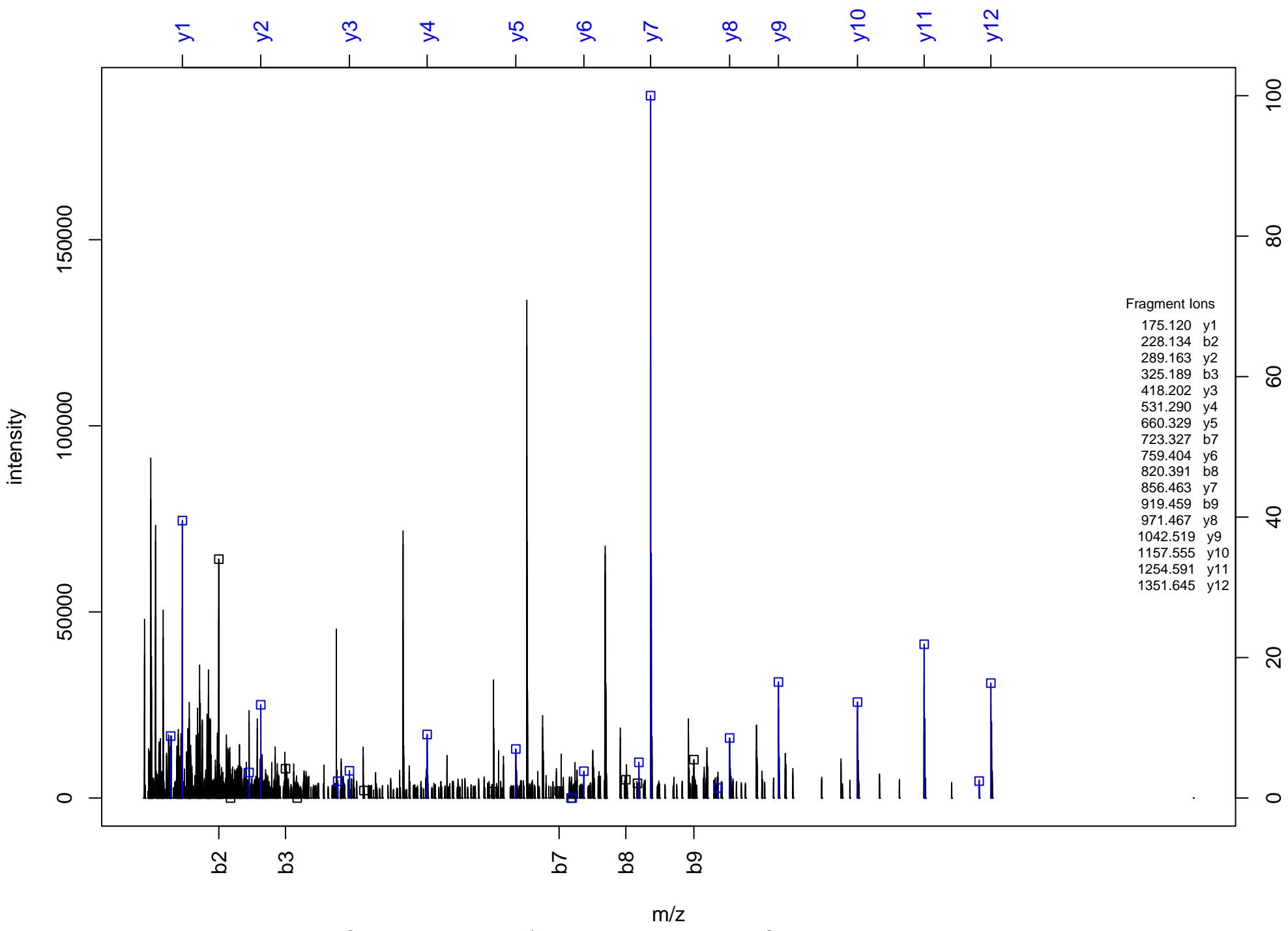
LDLFSALGDAK



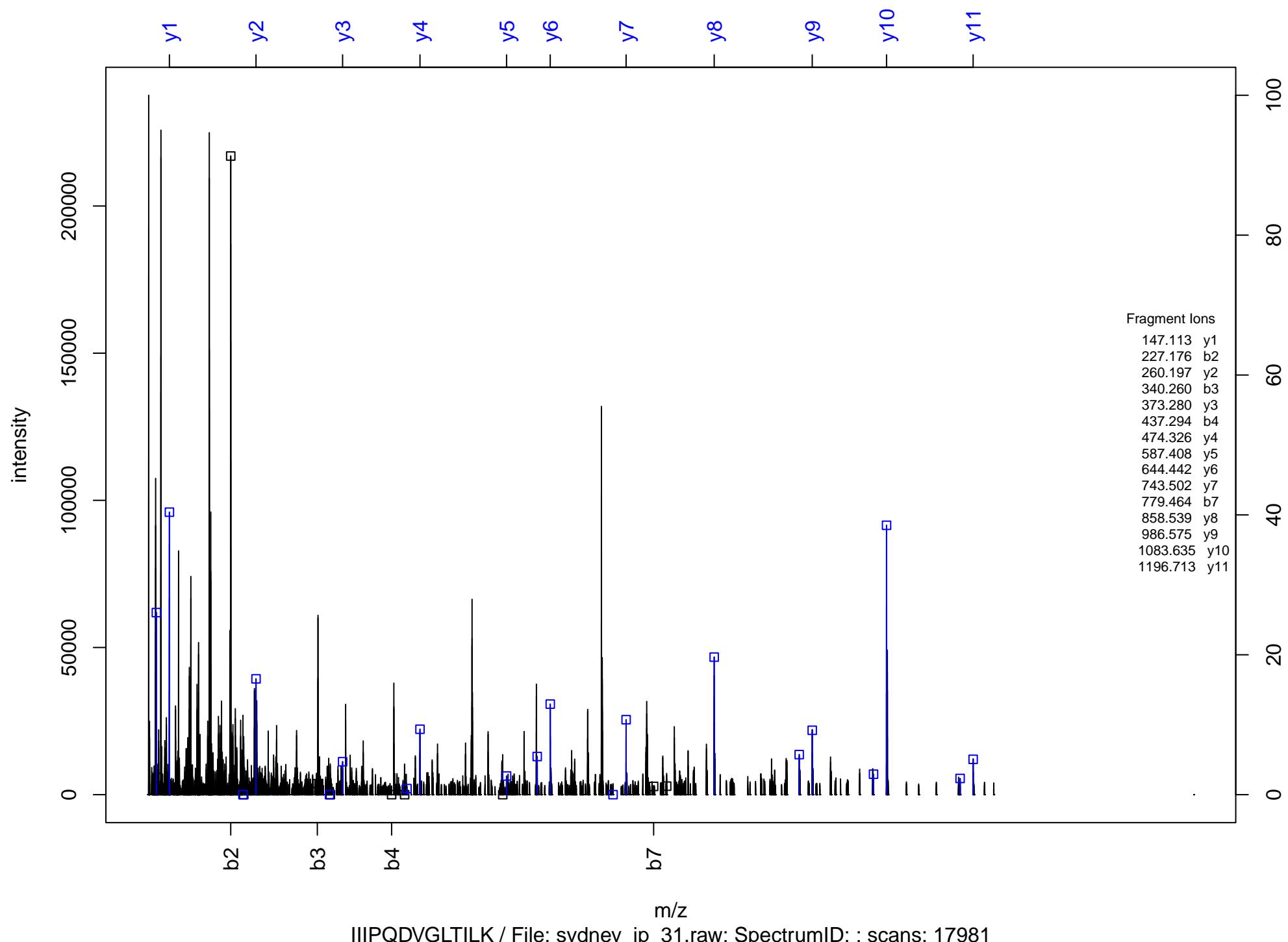
VPFLVLECPNLK



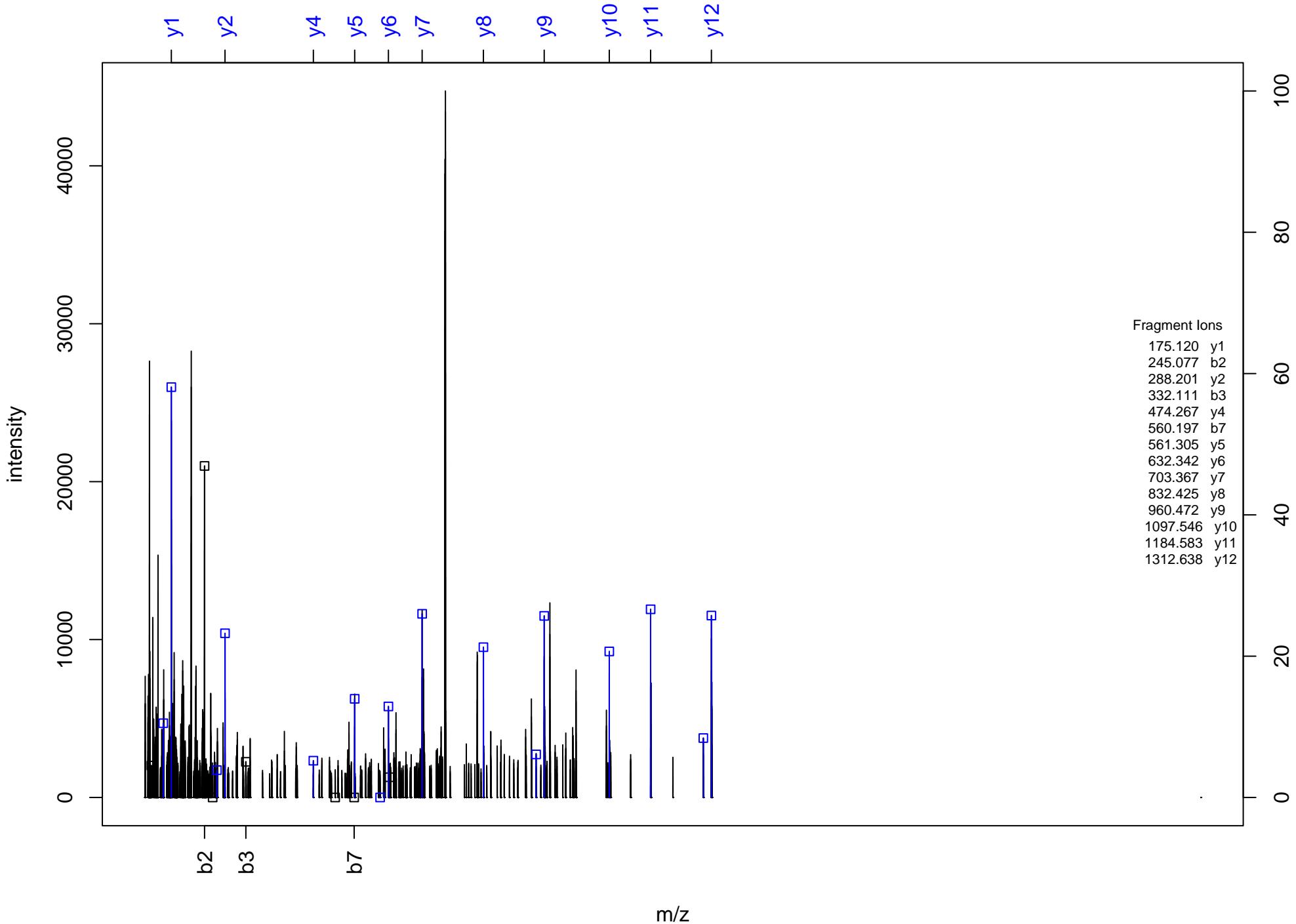
VQPPDADPVEIENR



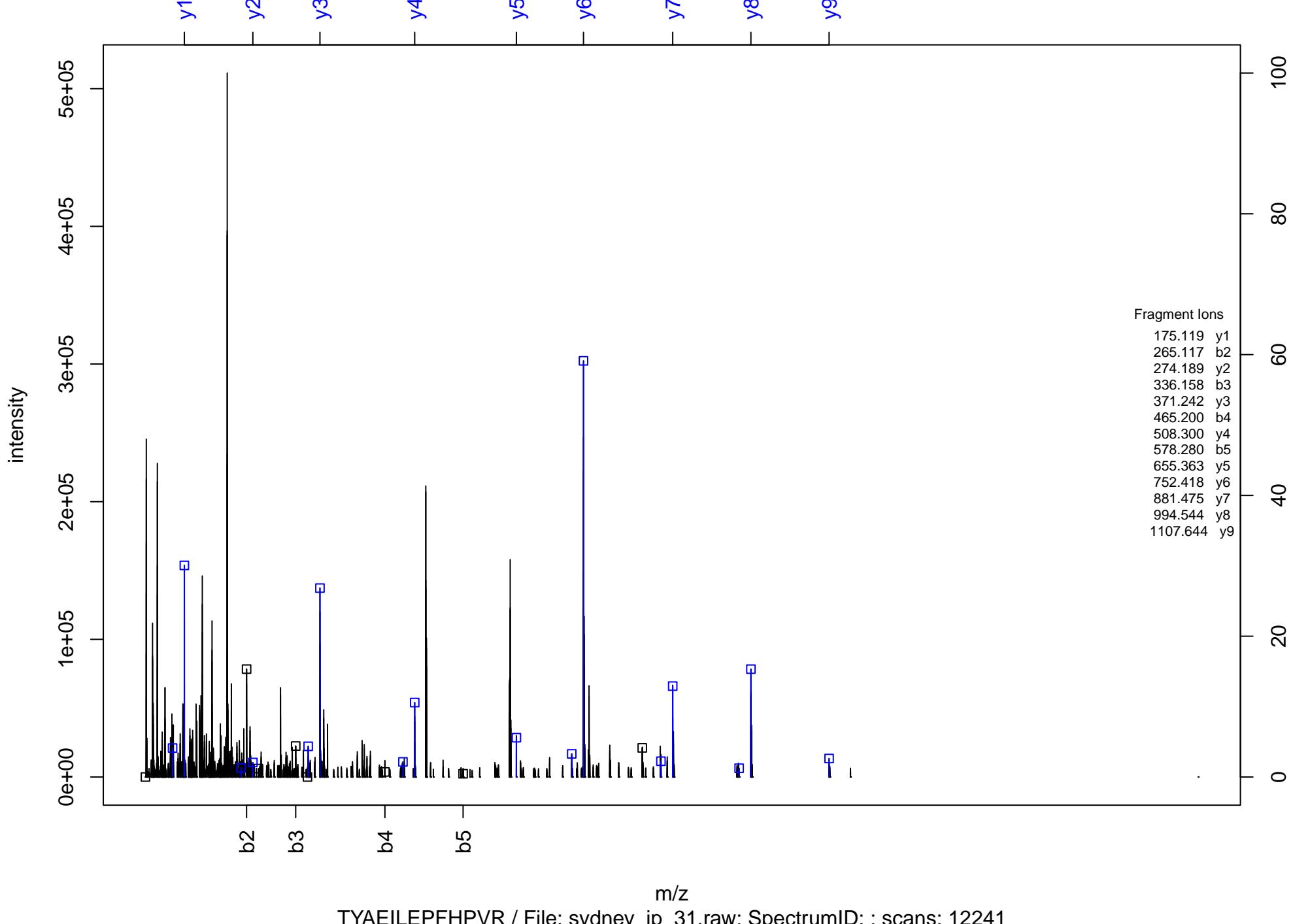
IIIPQDVGLTILK



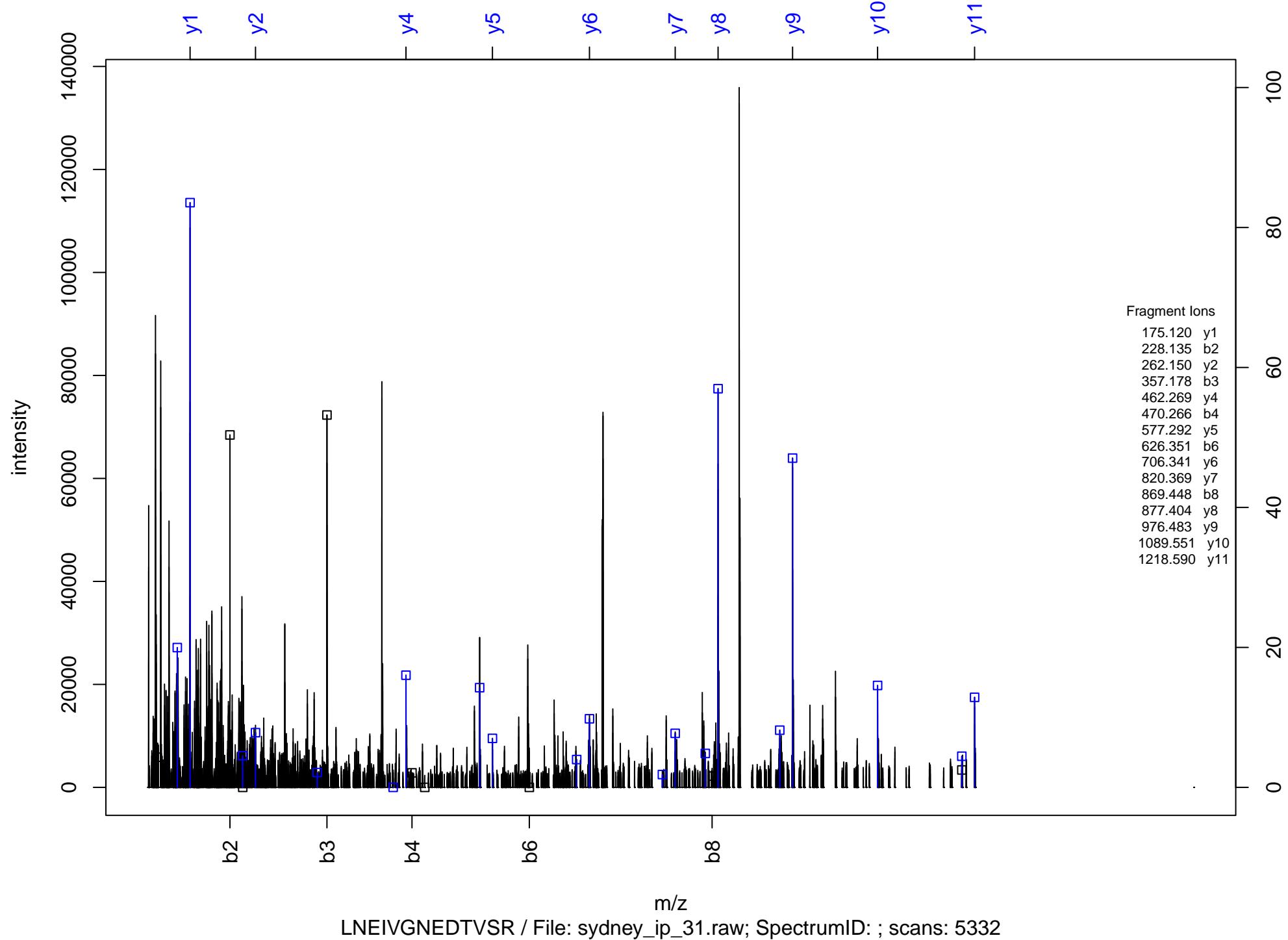
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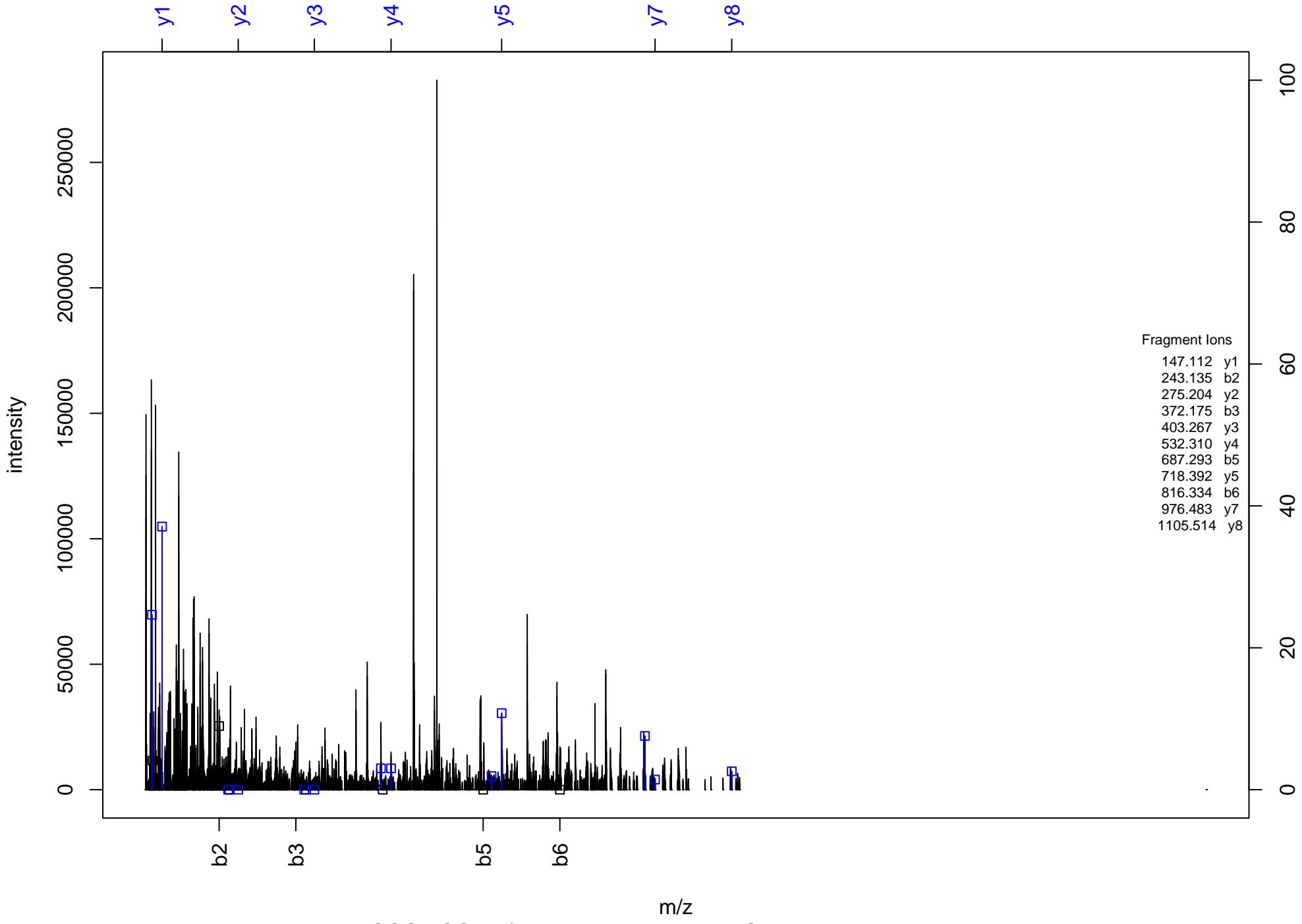
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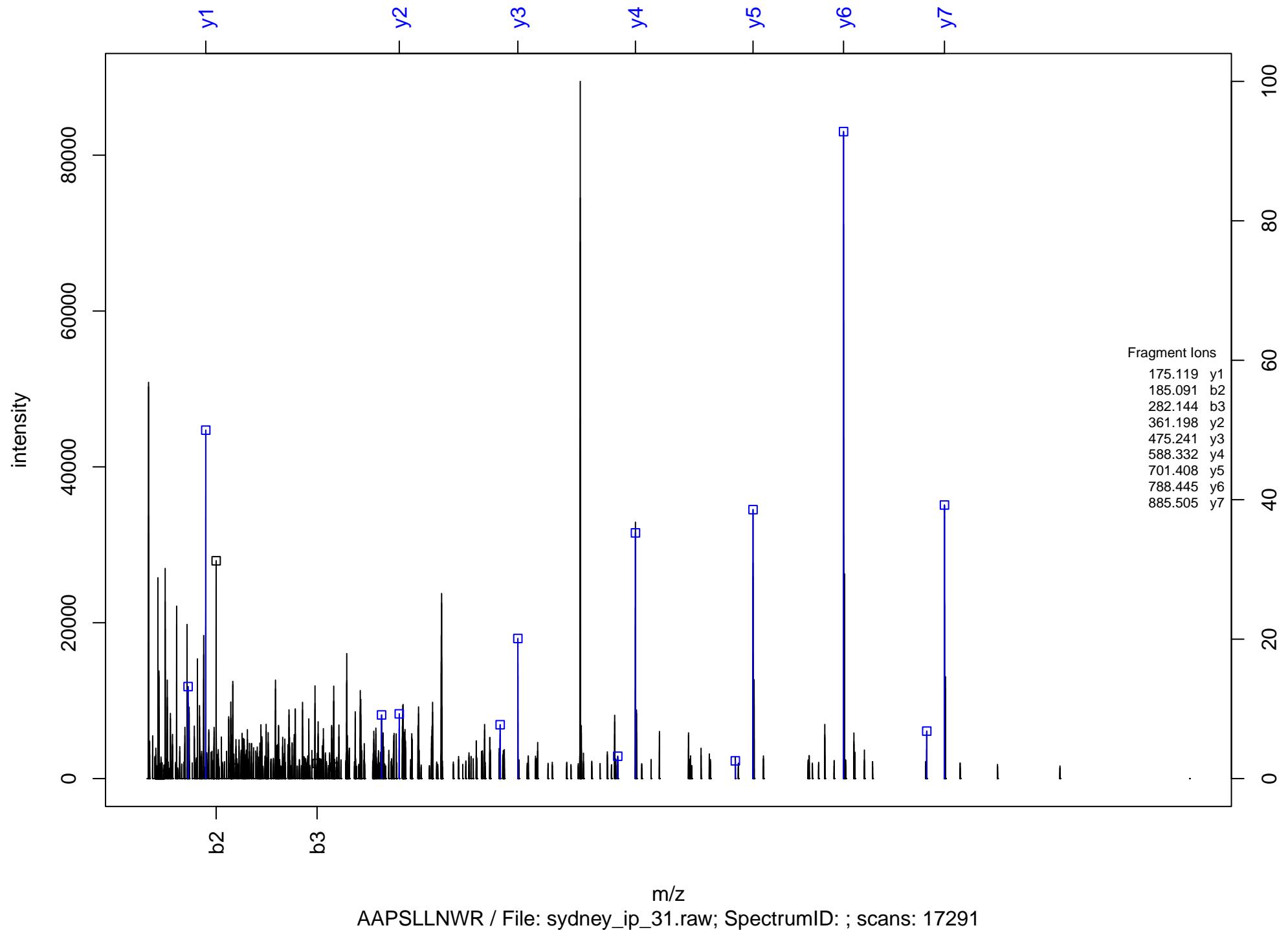
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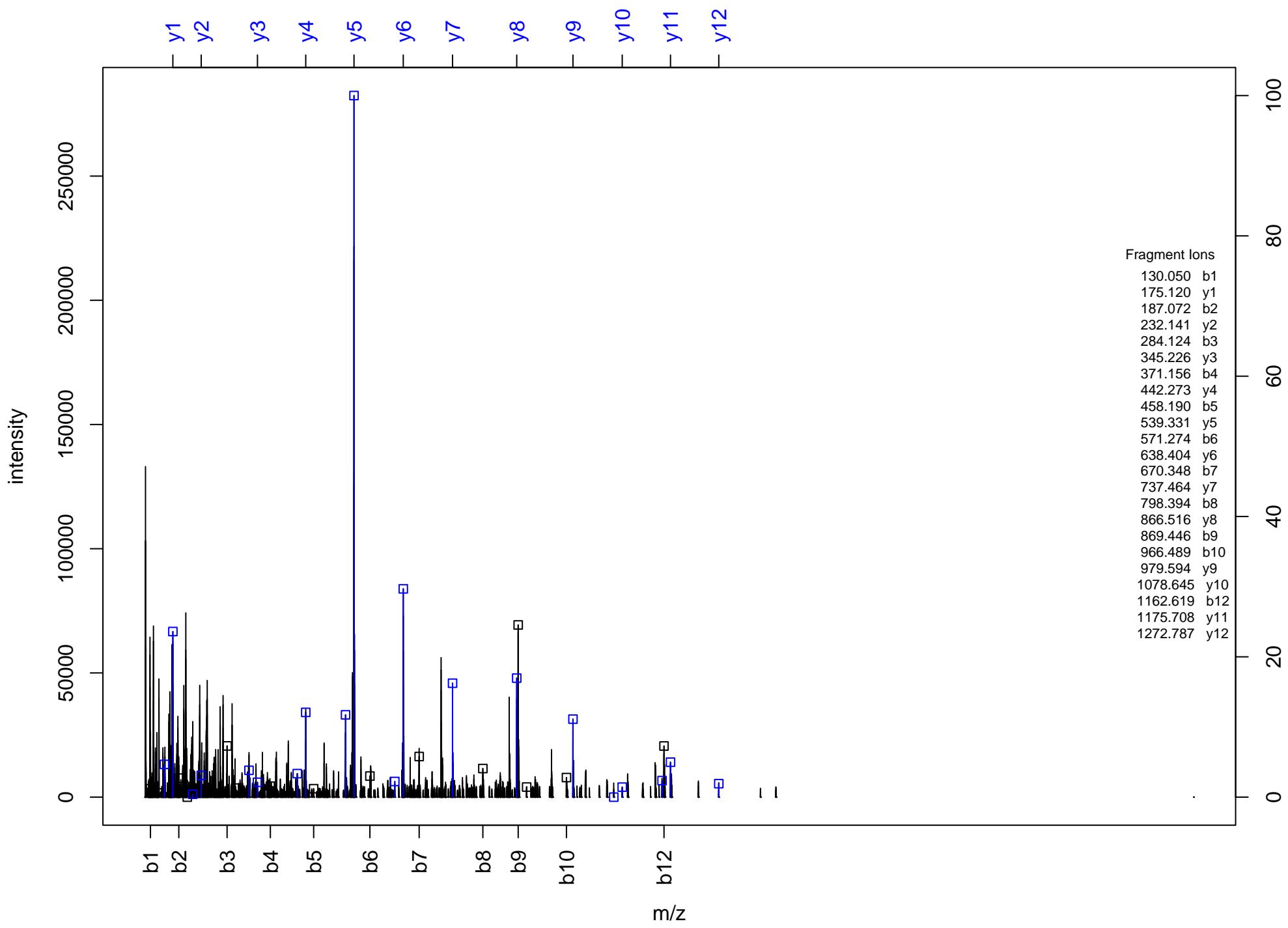
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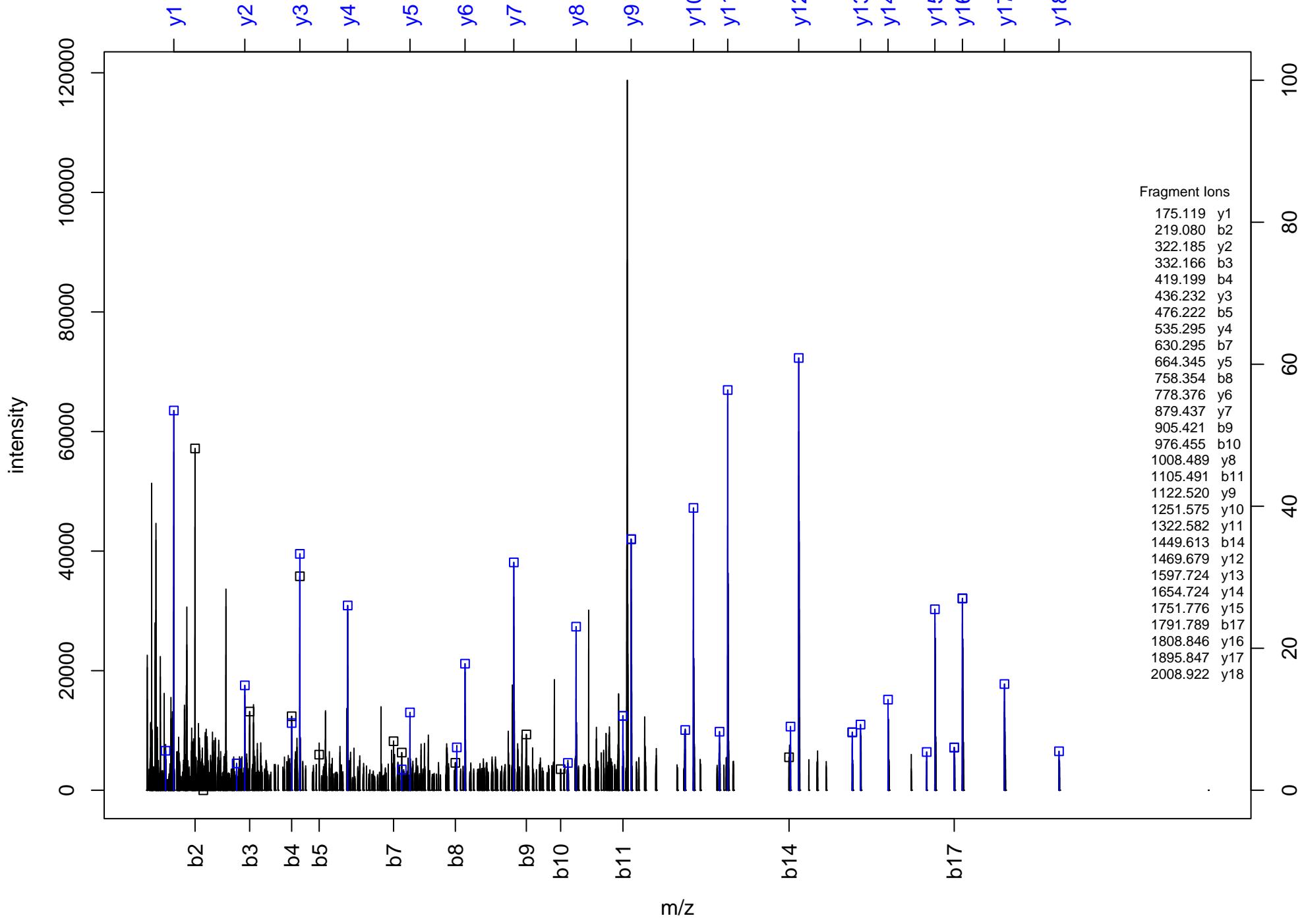
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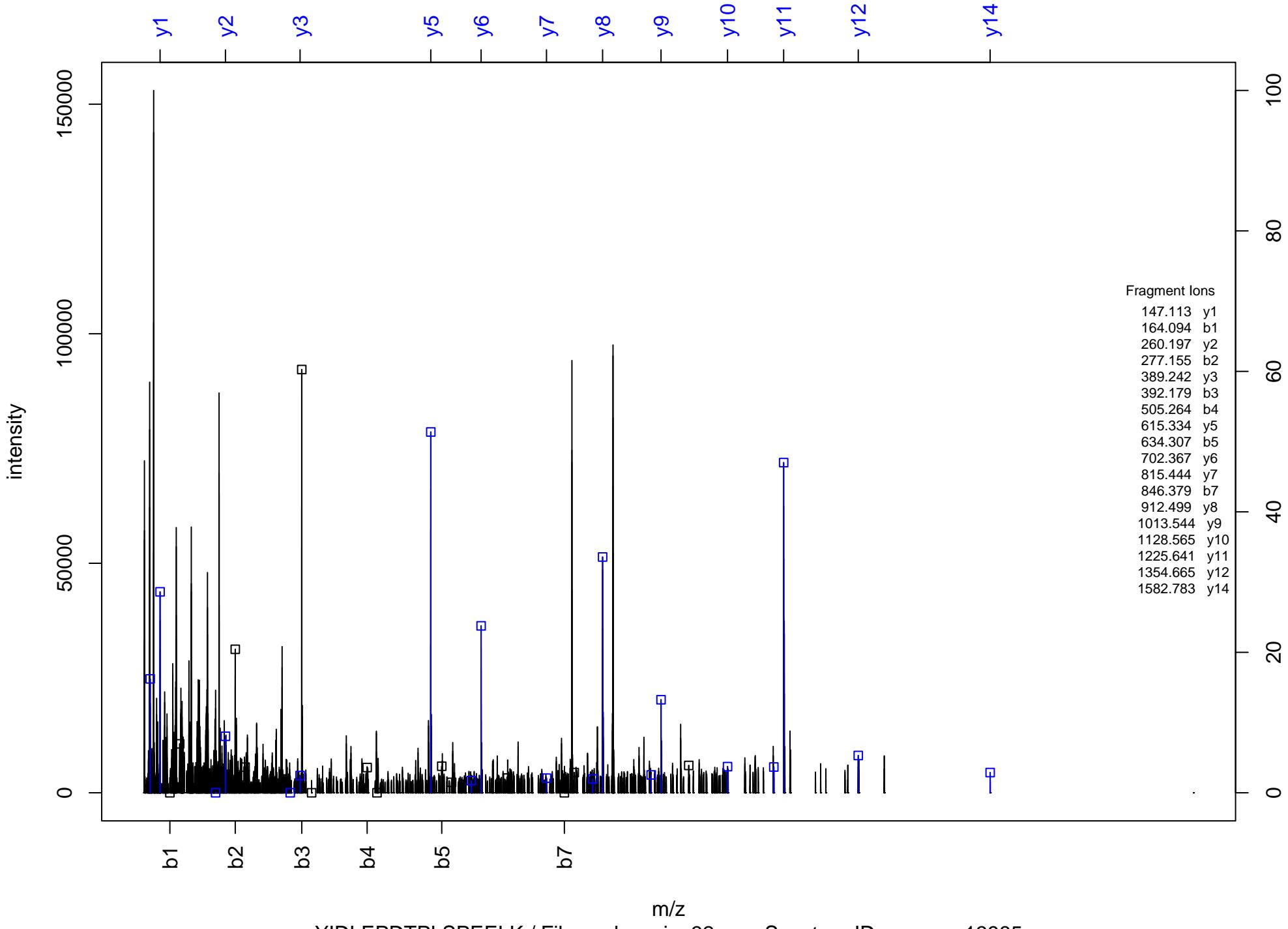
EGPSSIVQAPPVLEVVPPPLGR



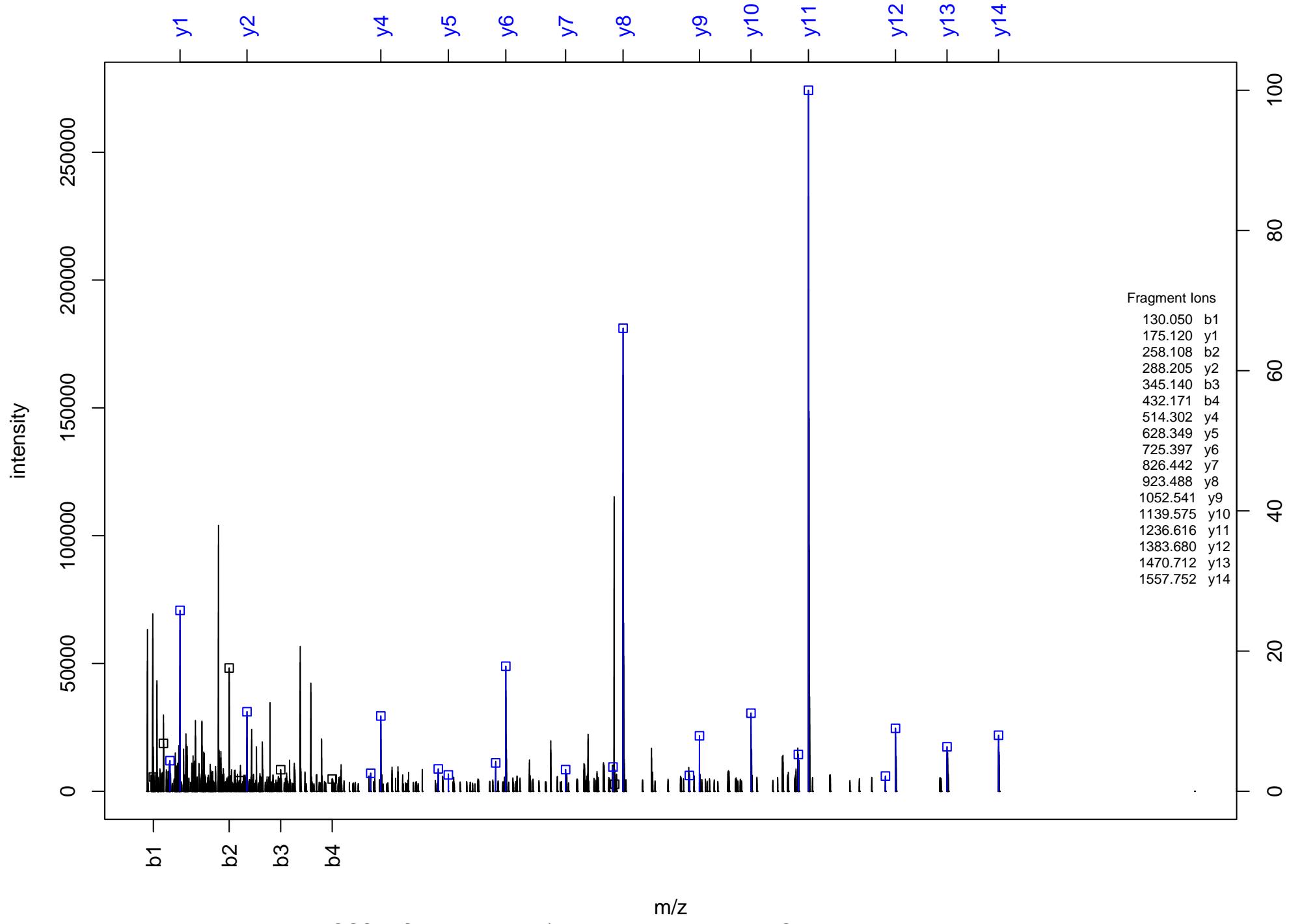
AM^{*}LSGPGQFAENETNEVNFR



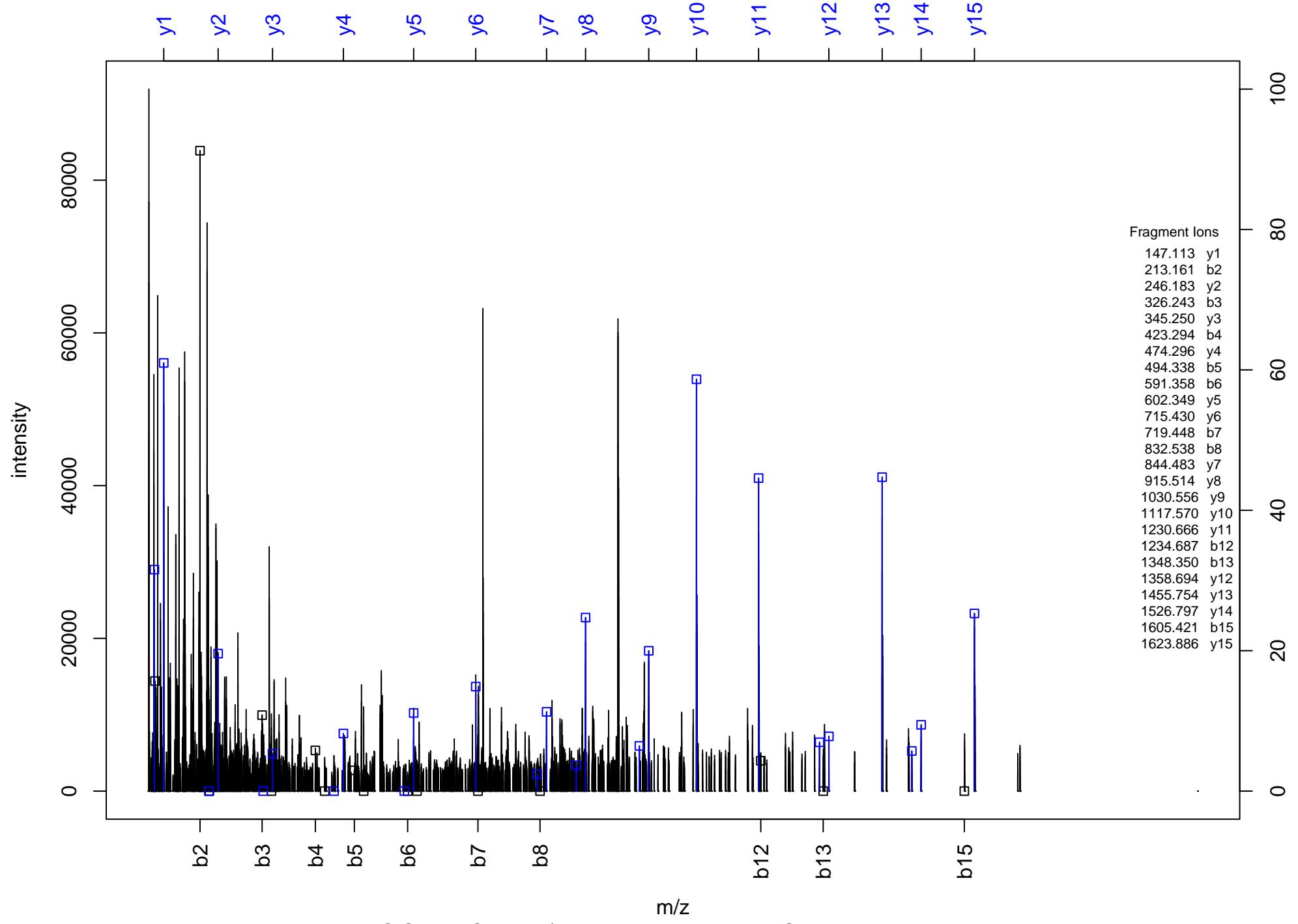
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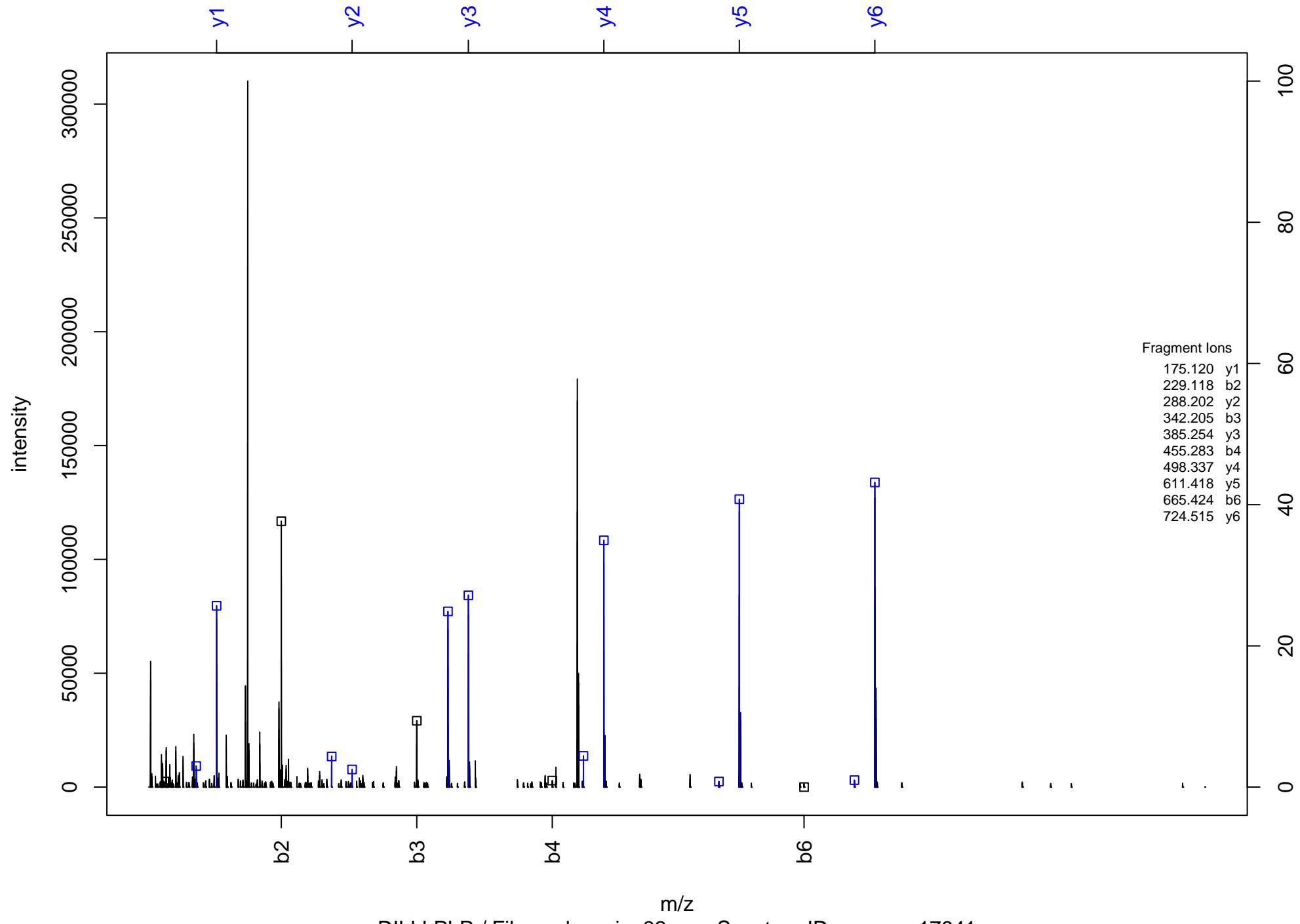


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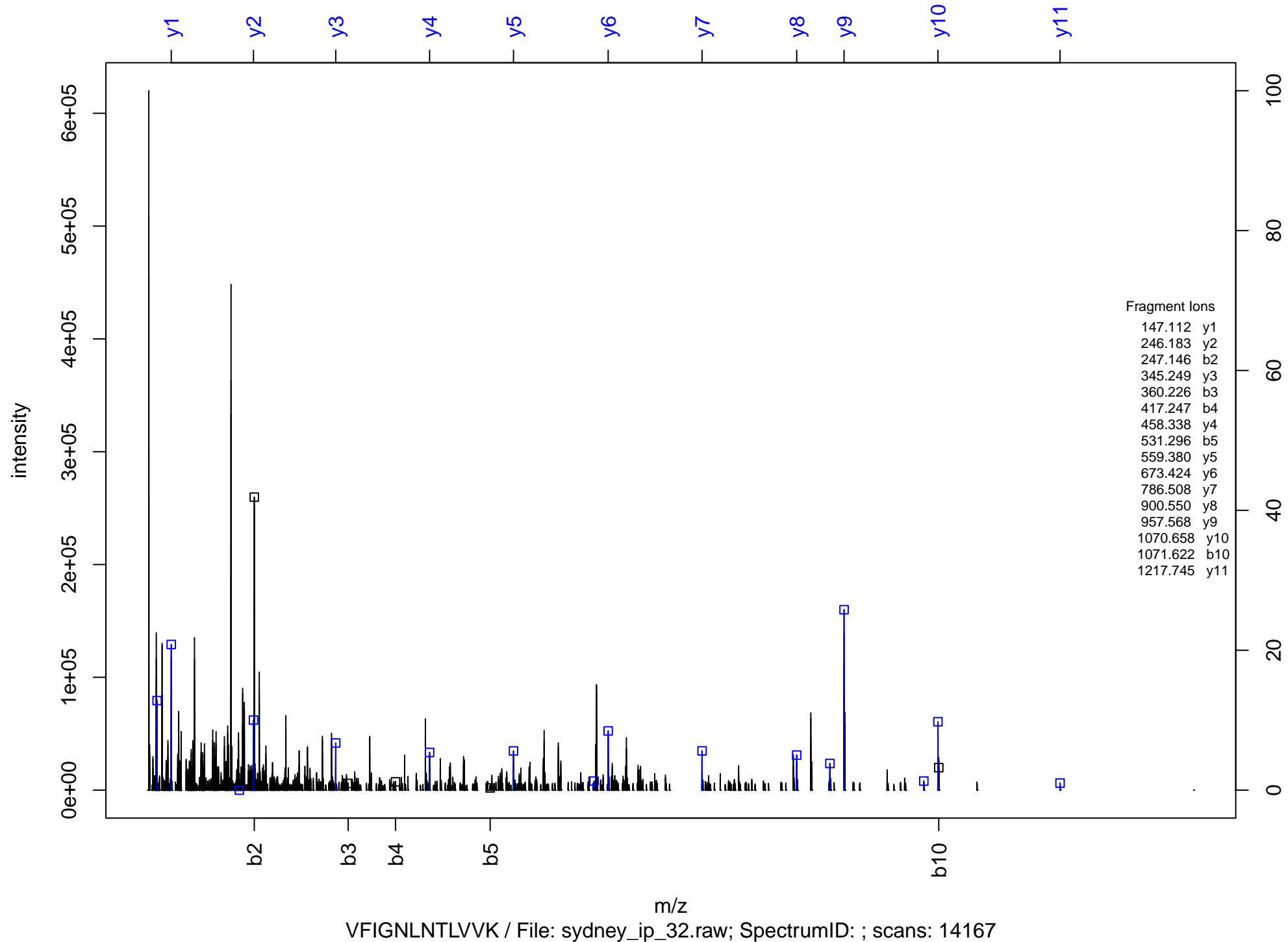


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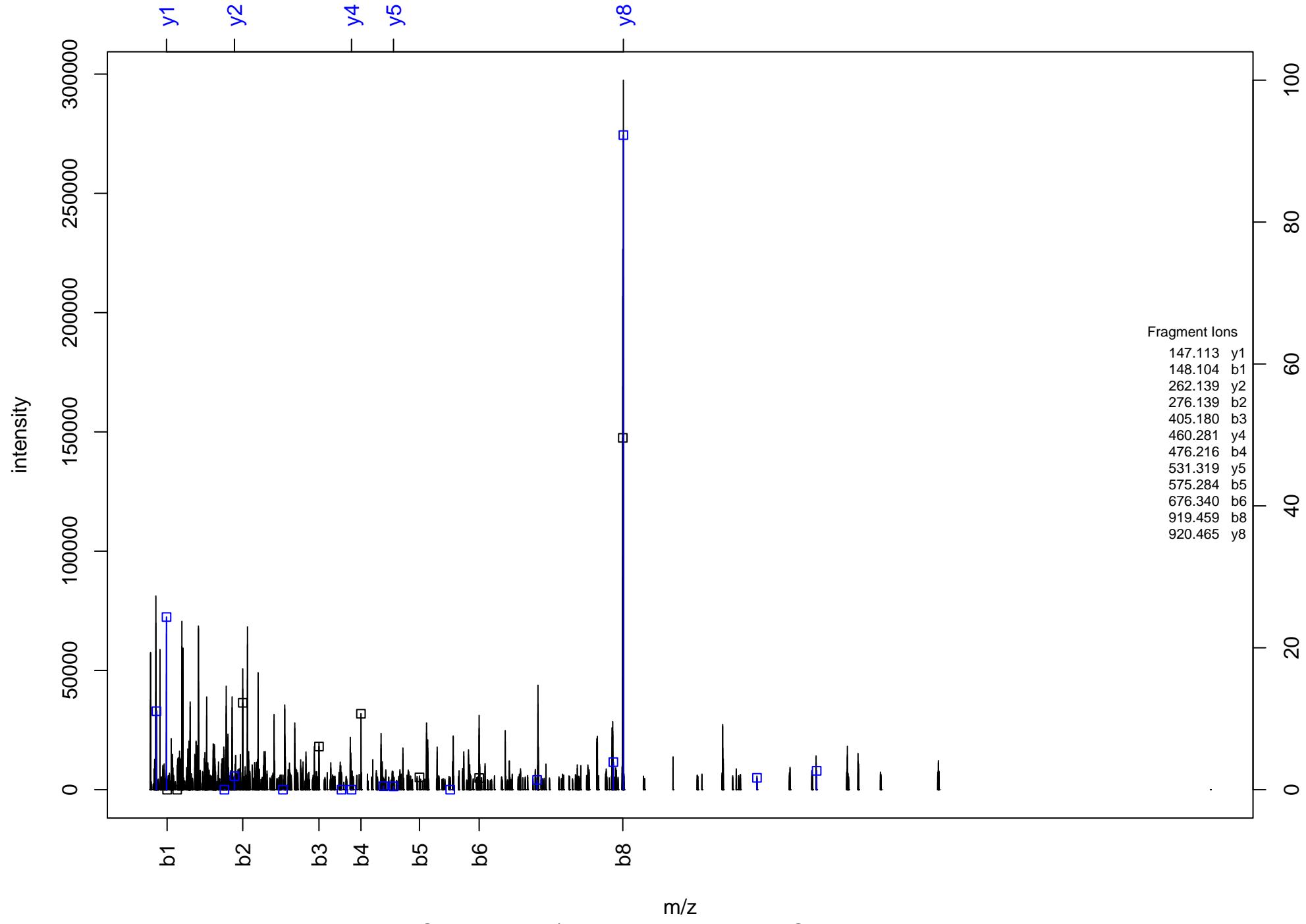
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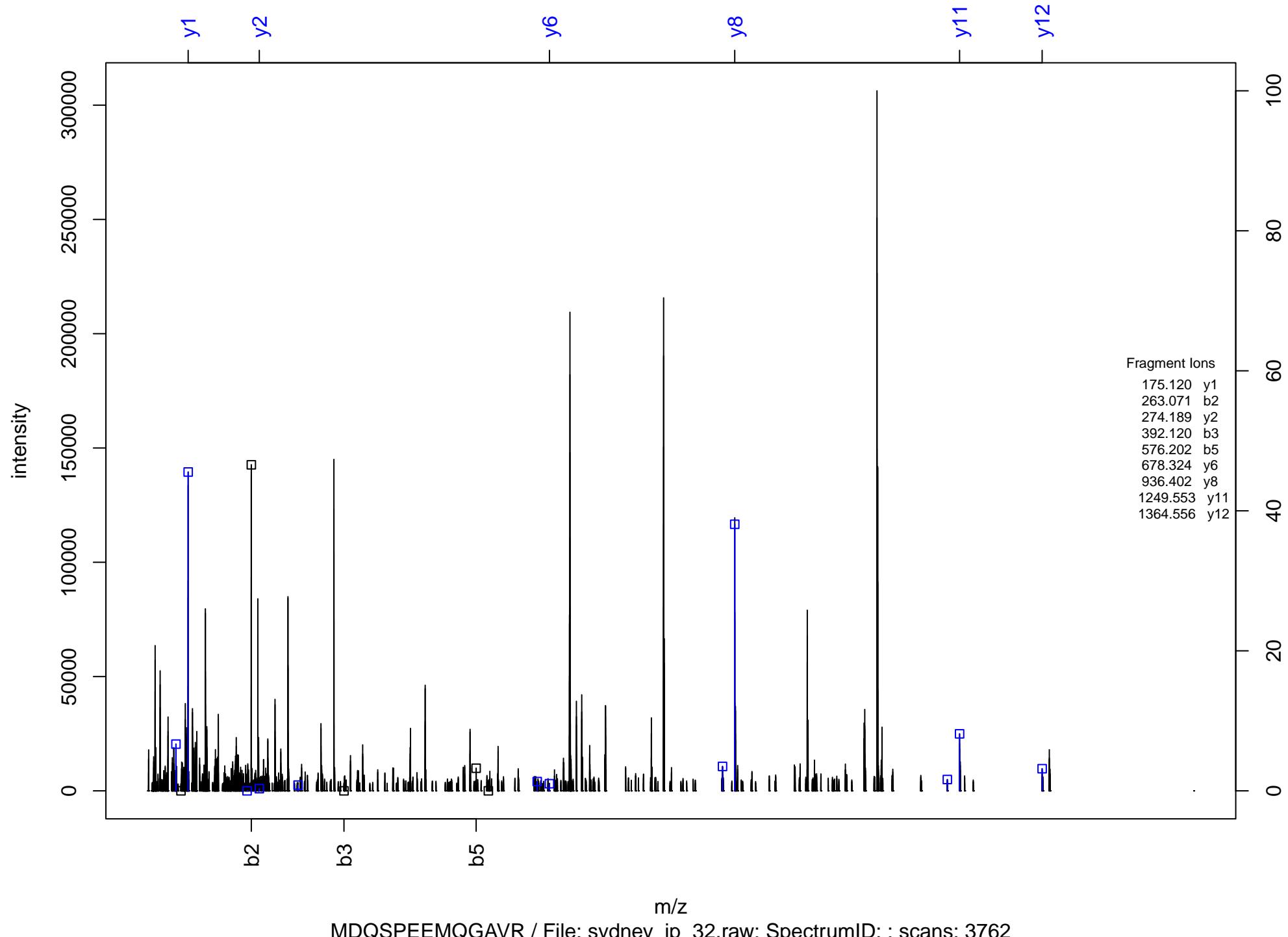
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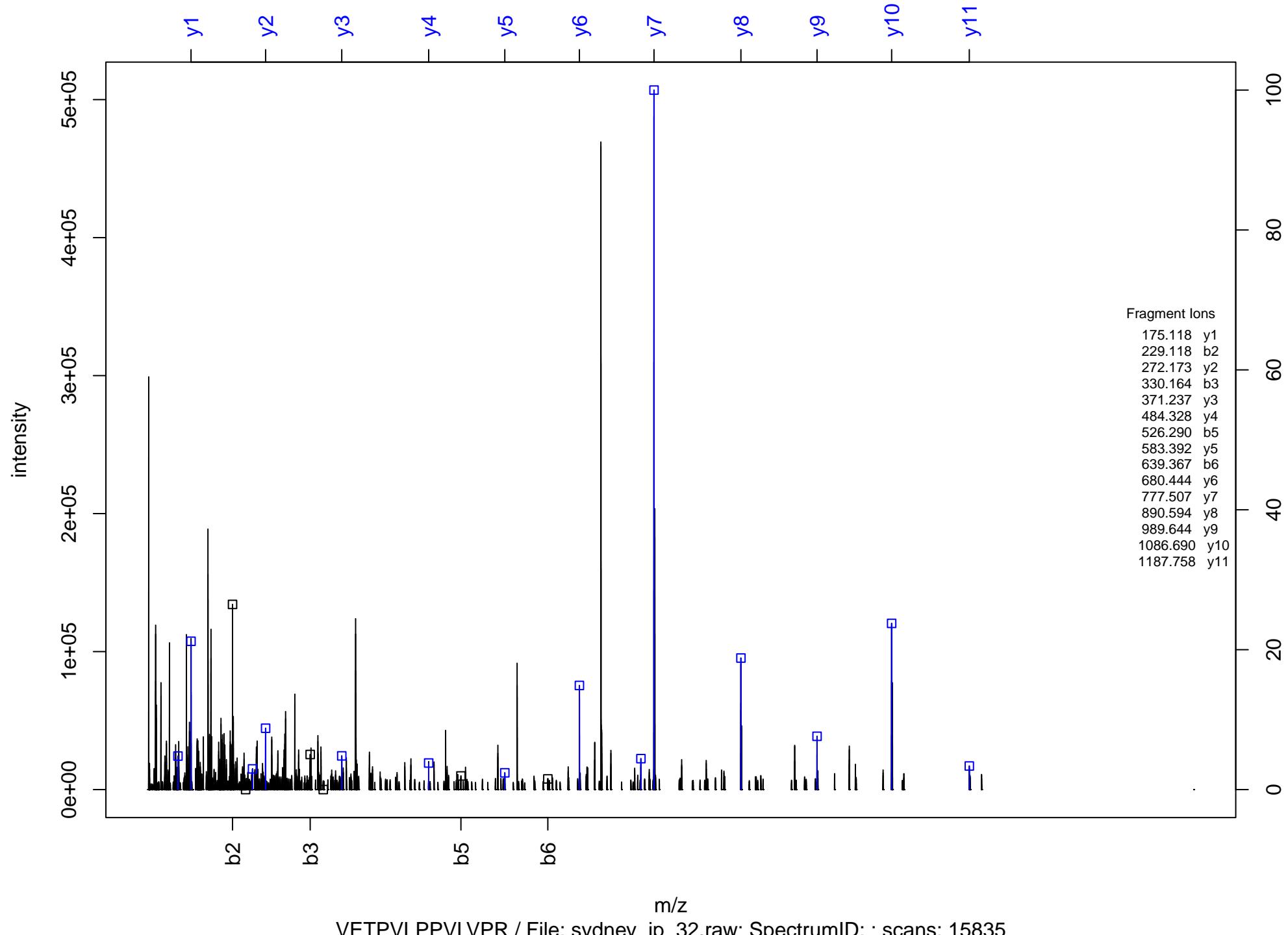
M*KEAVERSEM*LAVVN^K



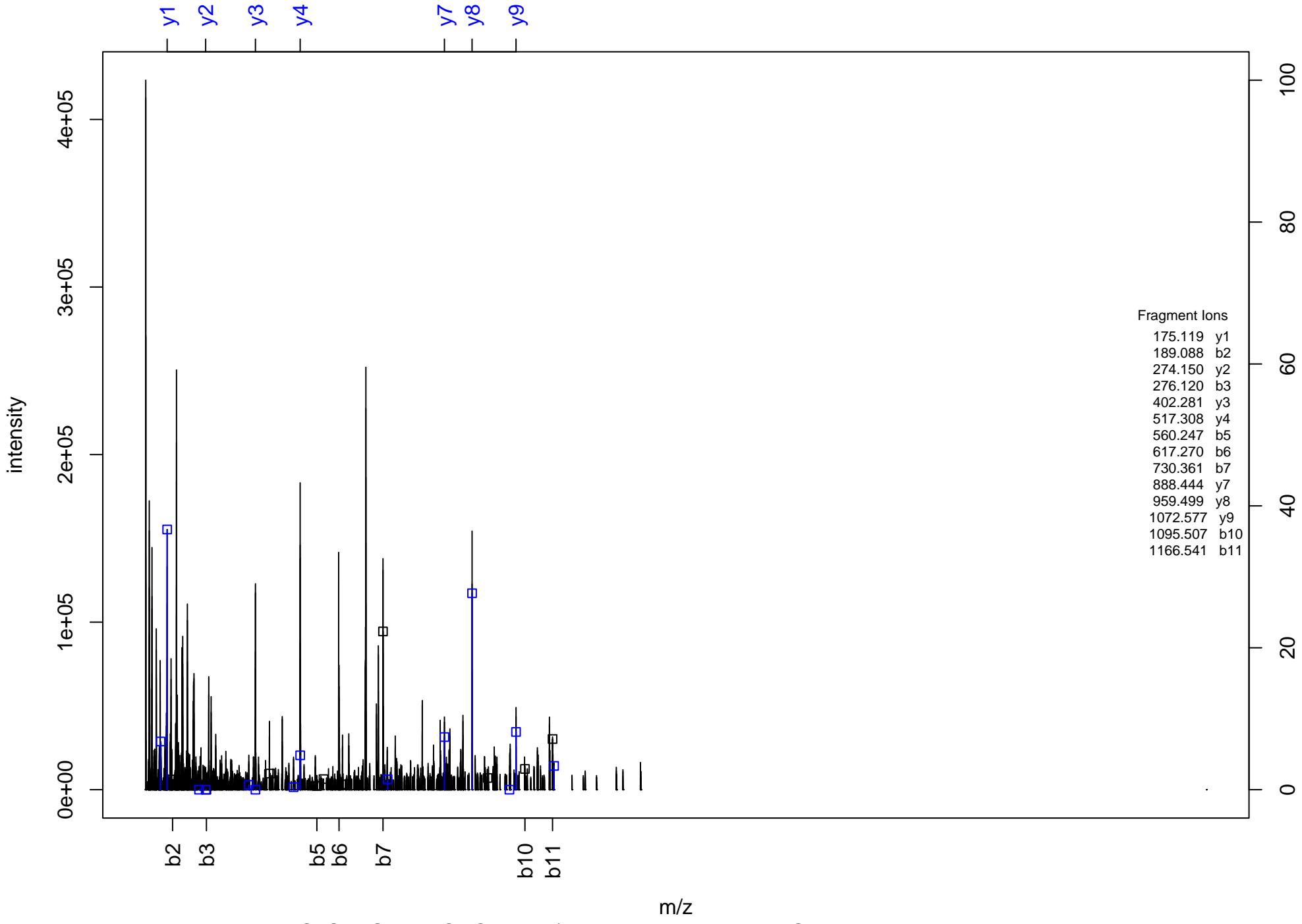
M*DQ^SPEEM*Q^GAVR



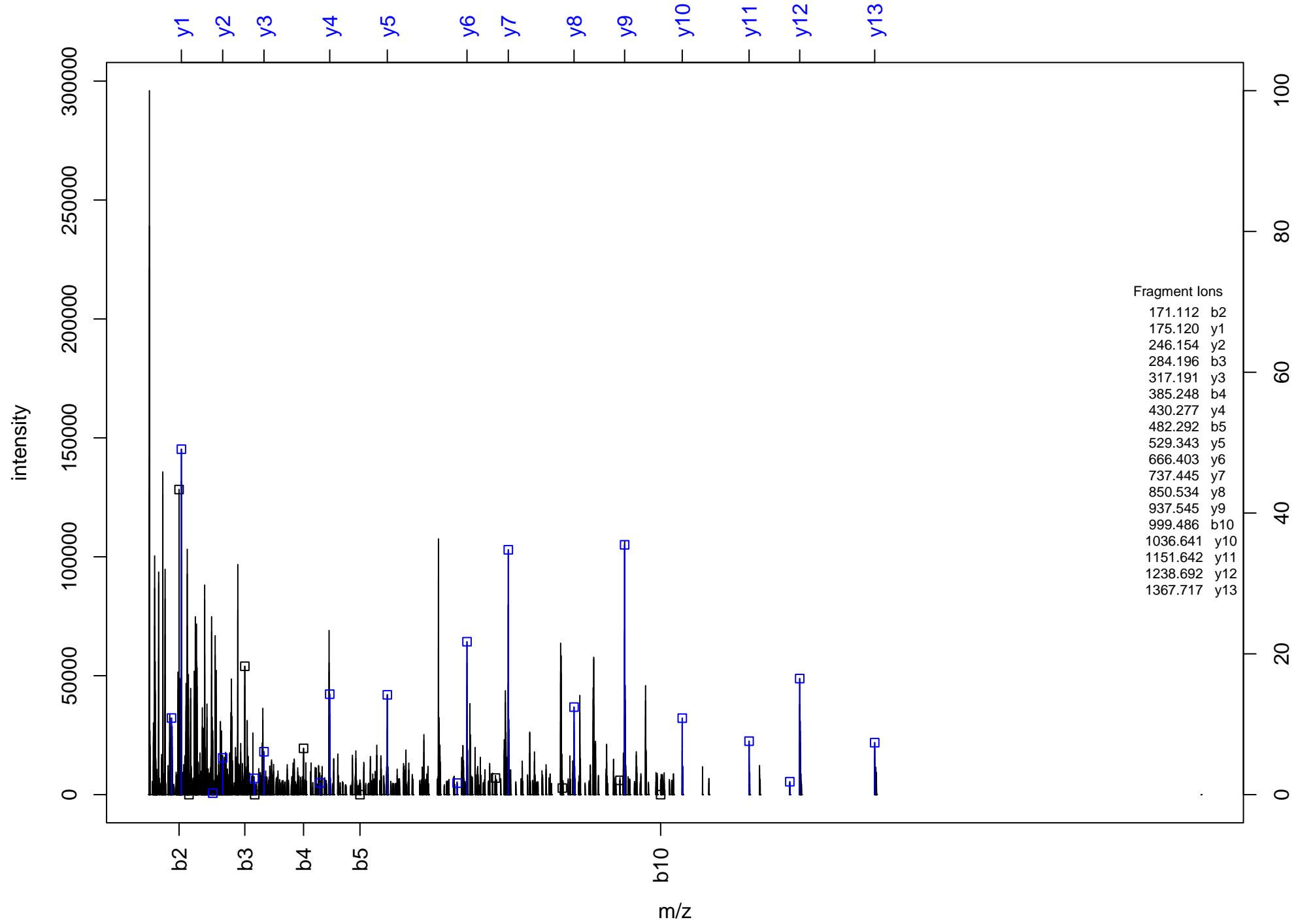
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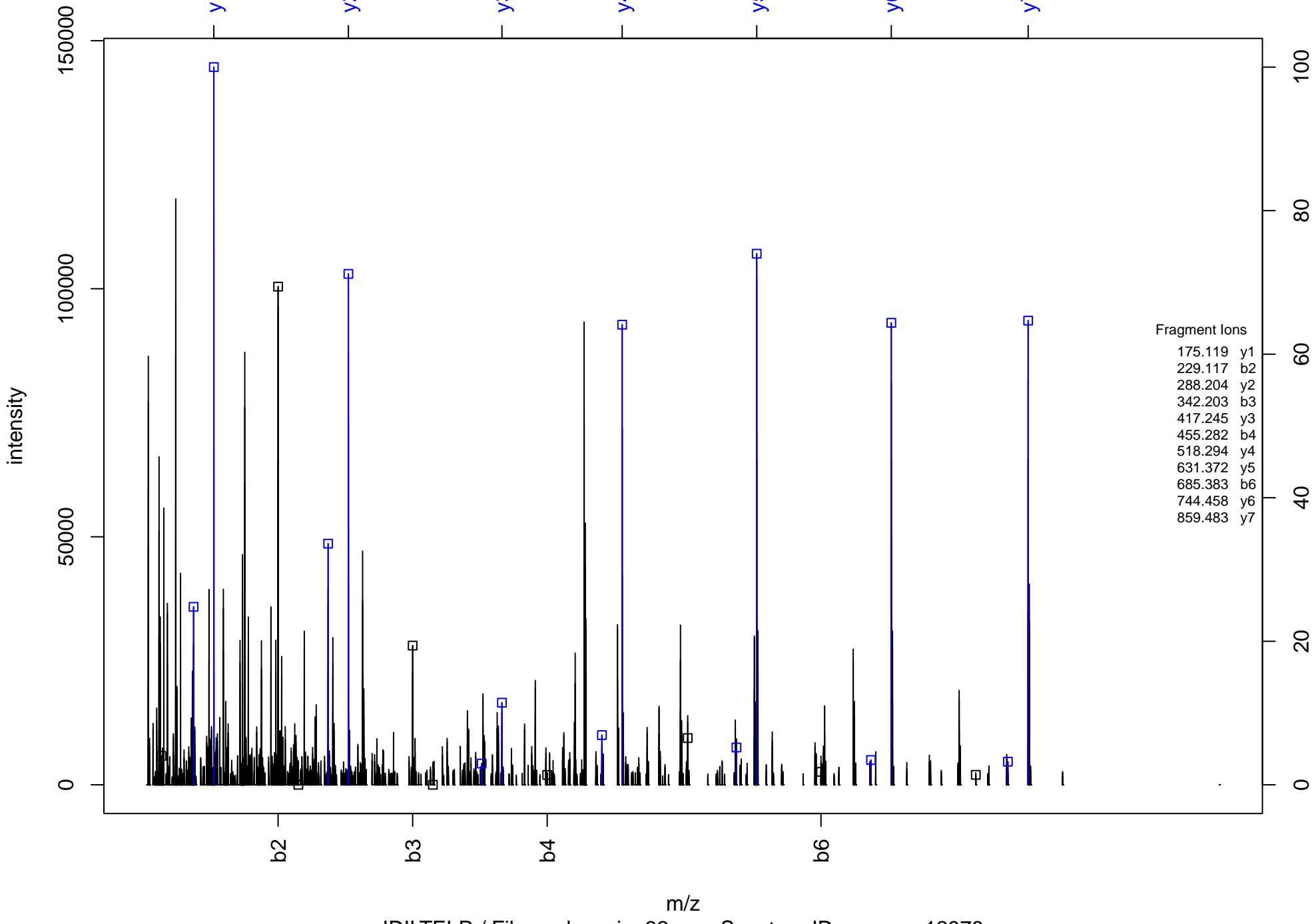
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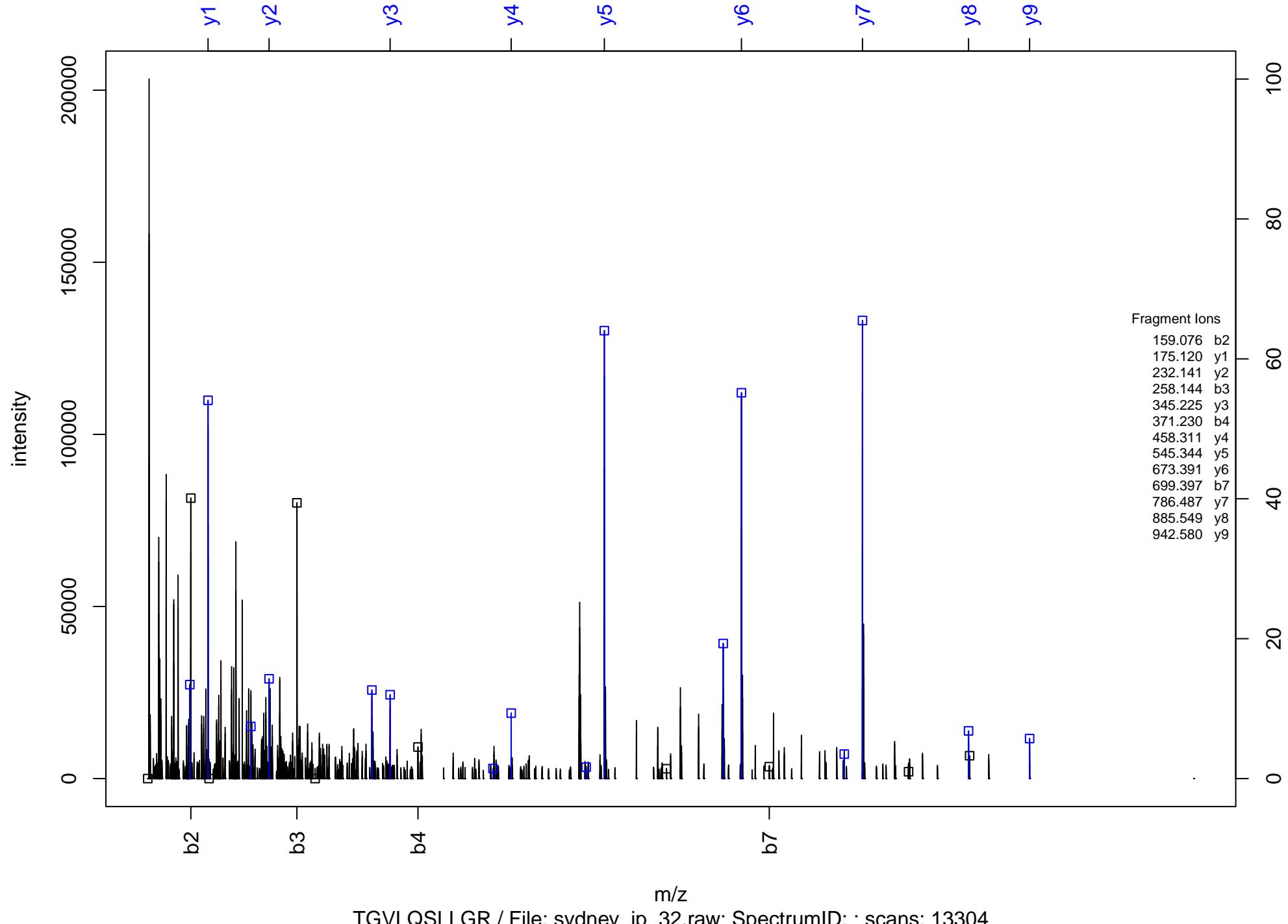
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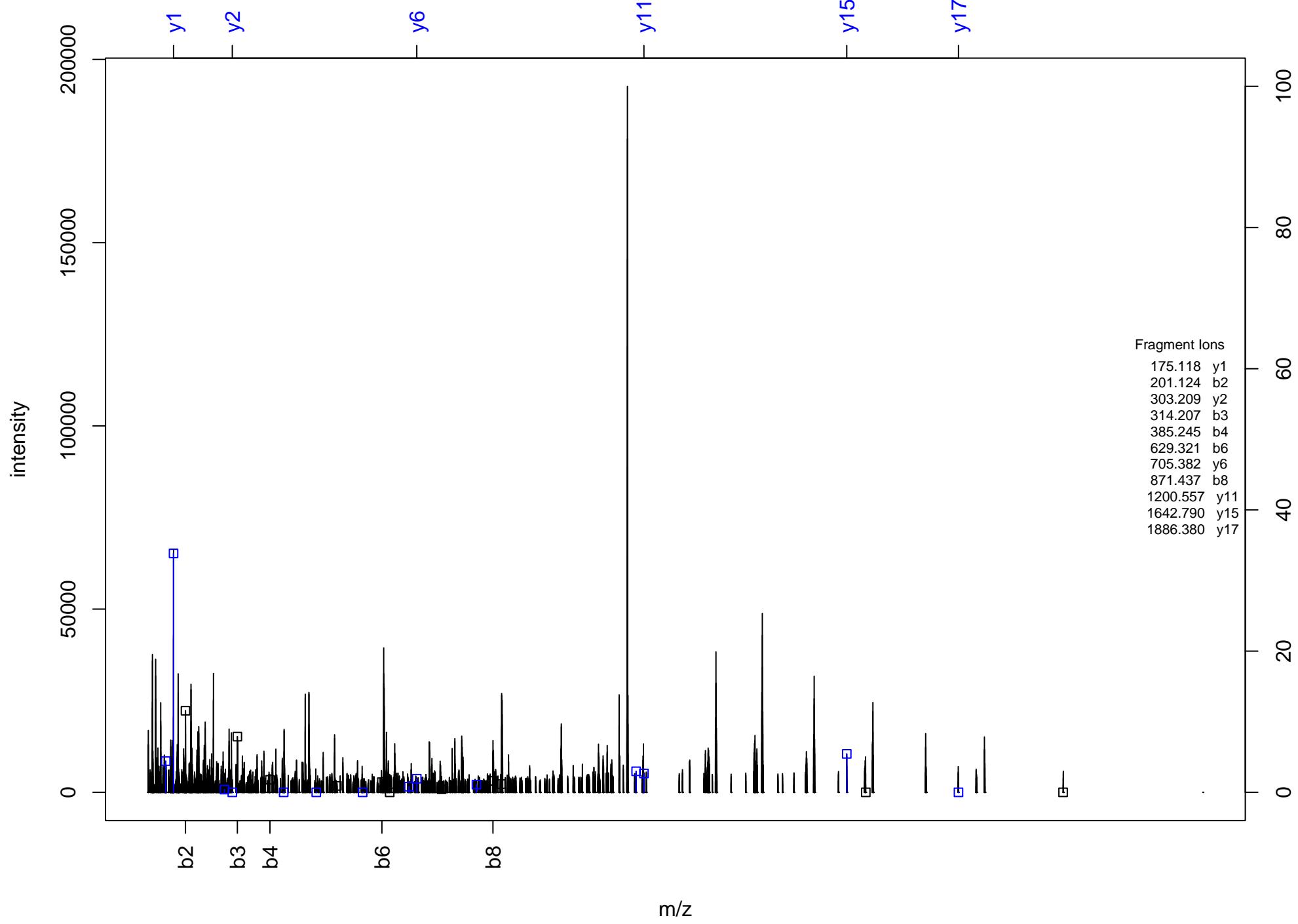
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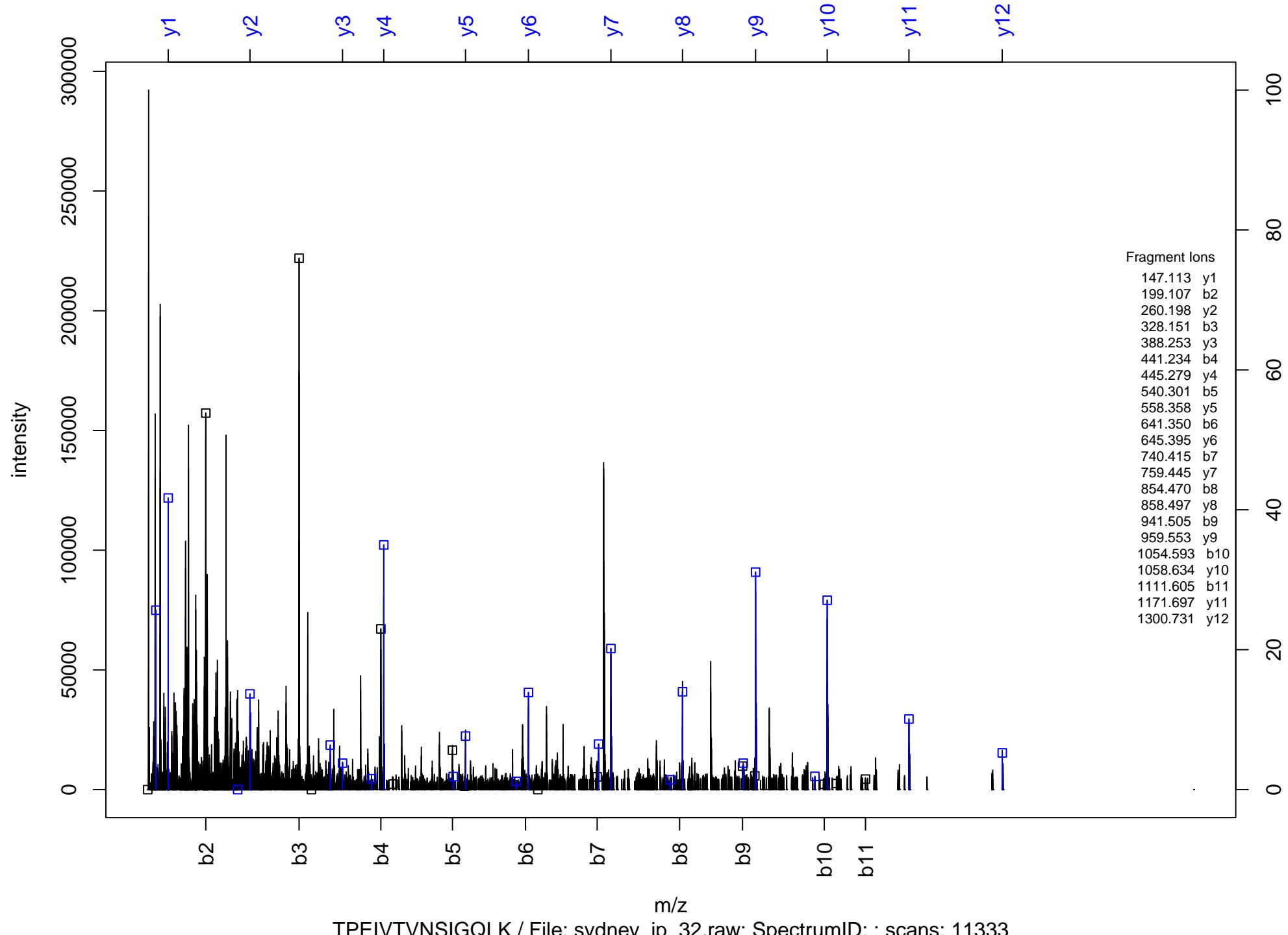
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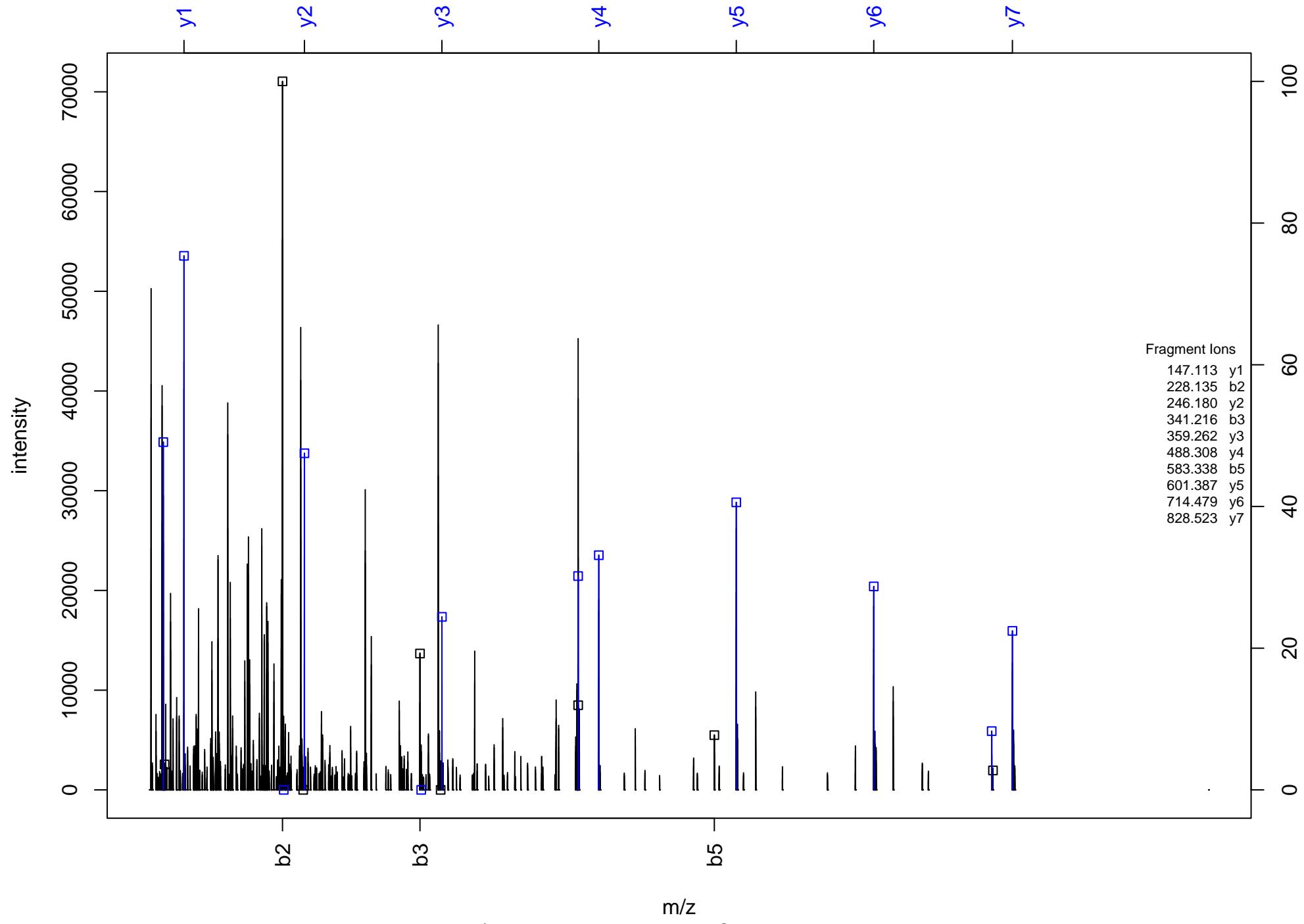
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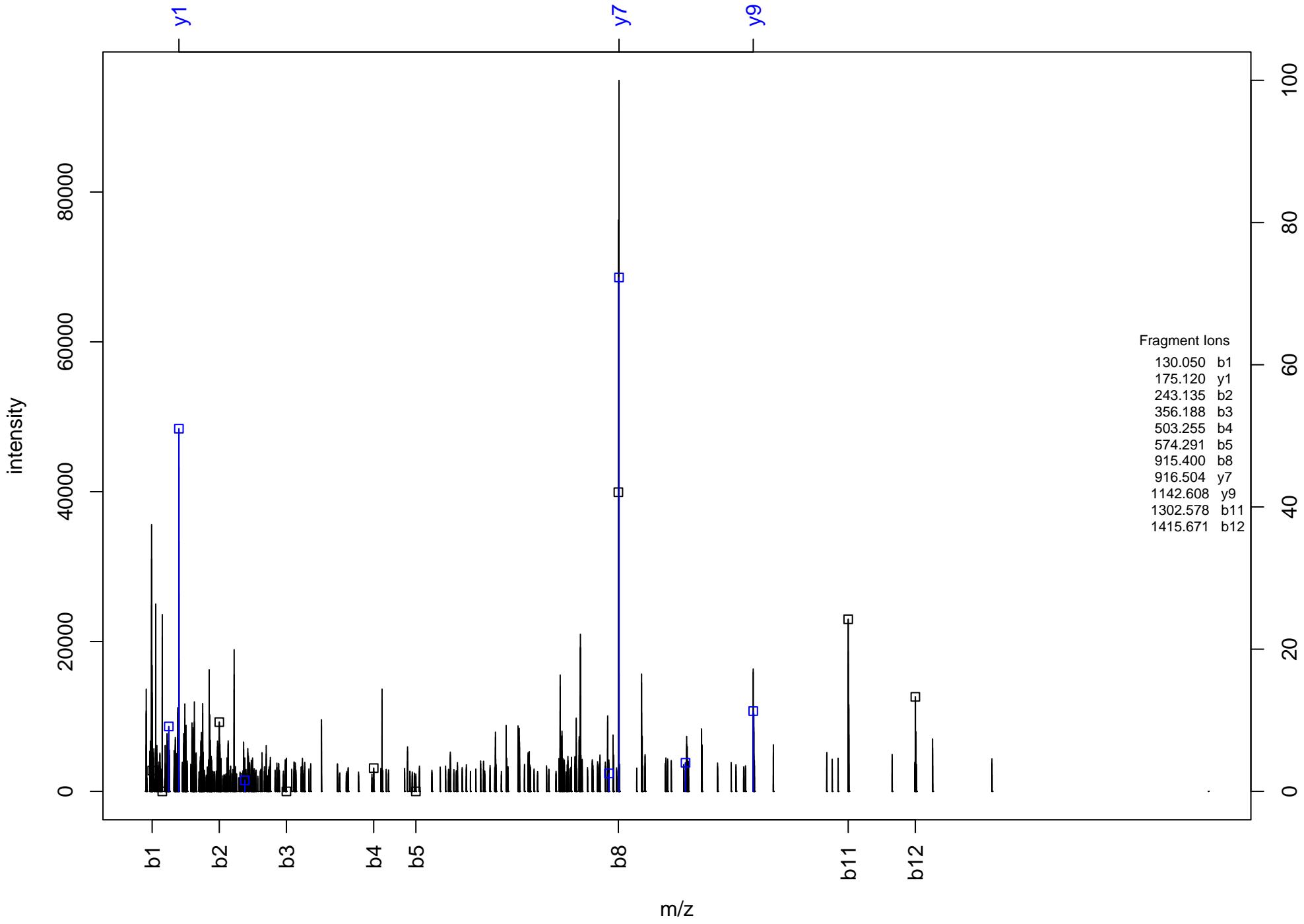
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LNILEIVK

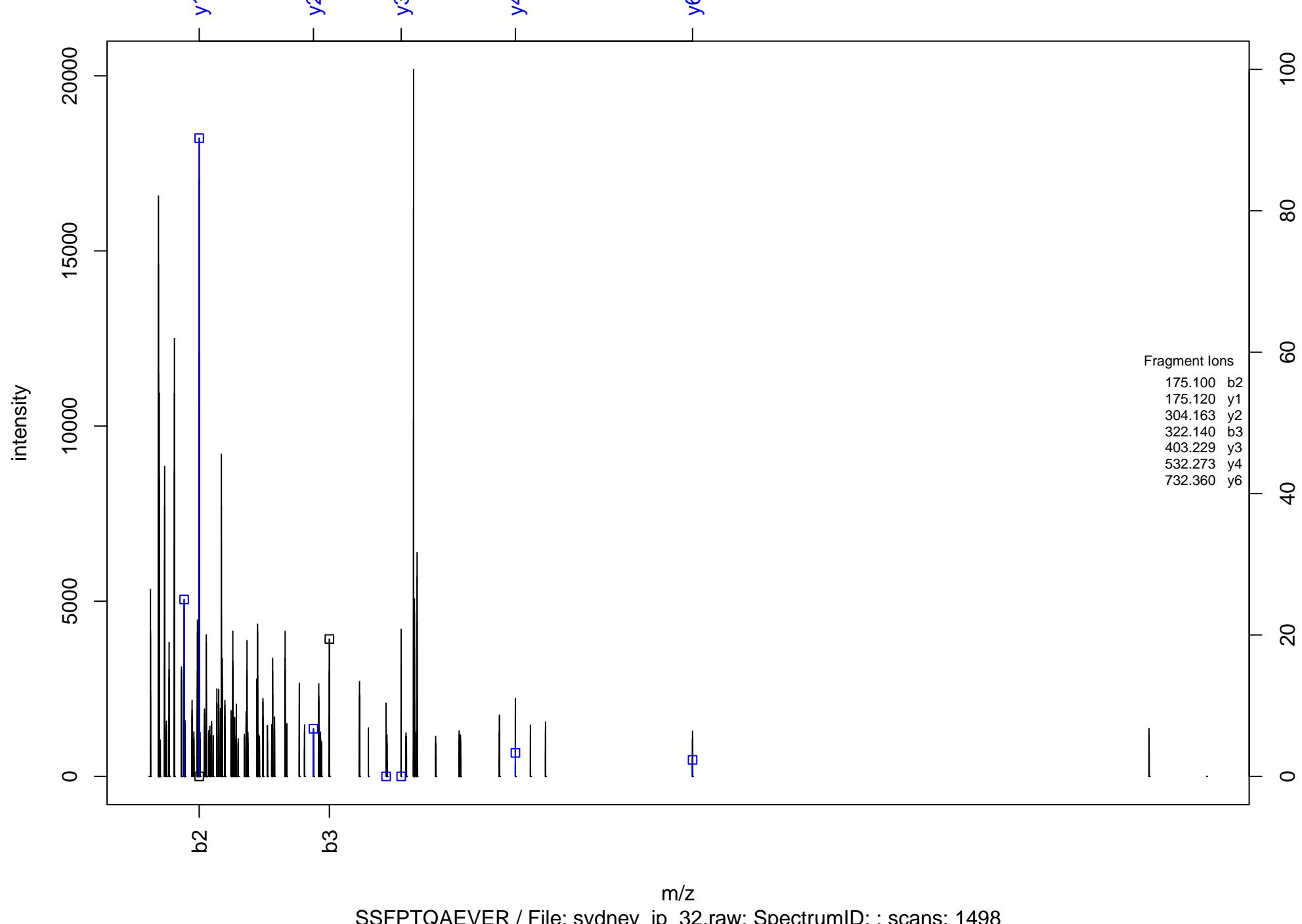


Q^LIM^*AN^PQ^MQQLIQR

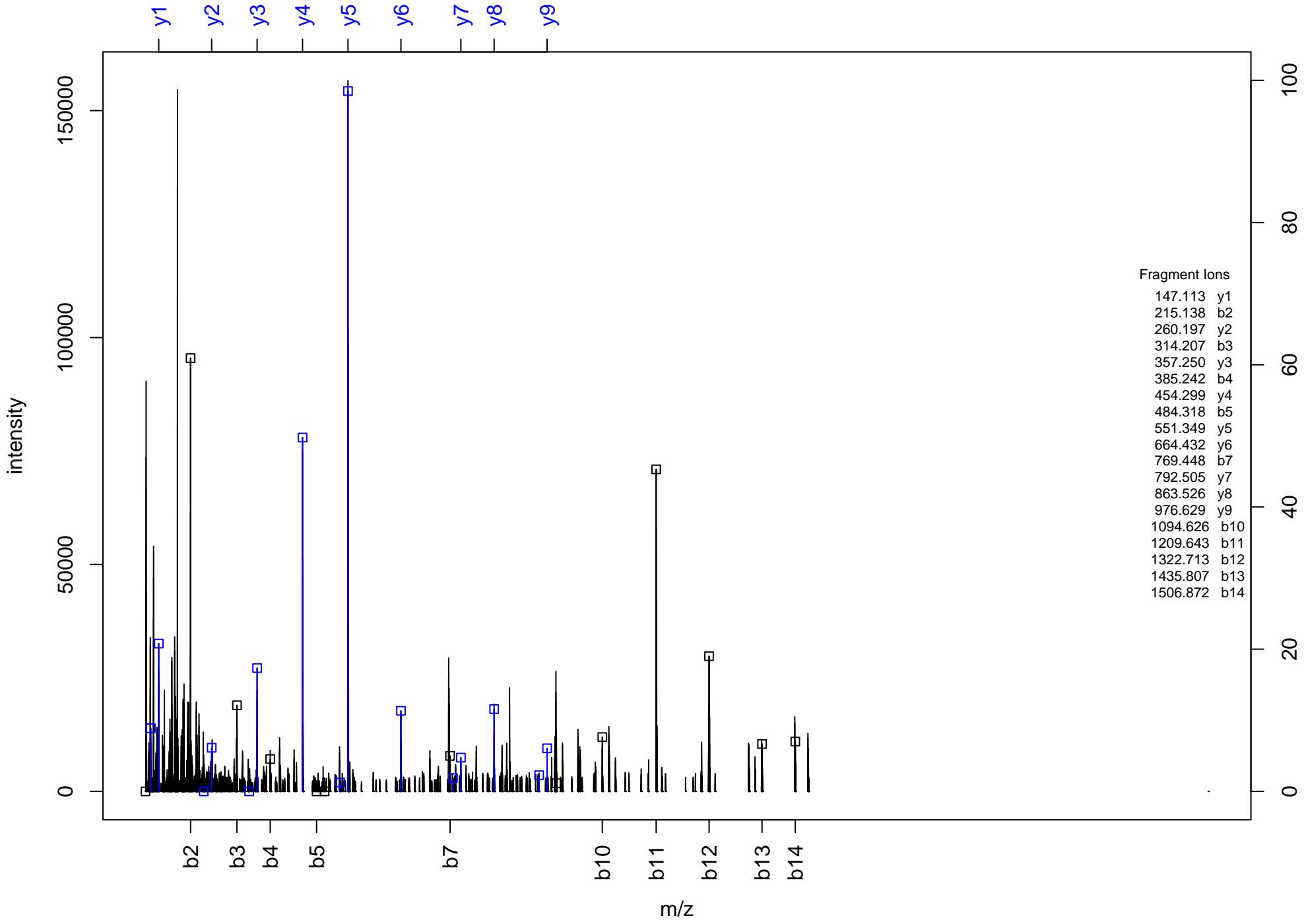


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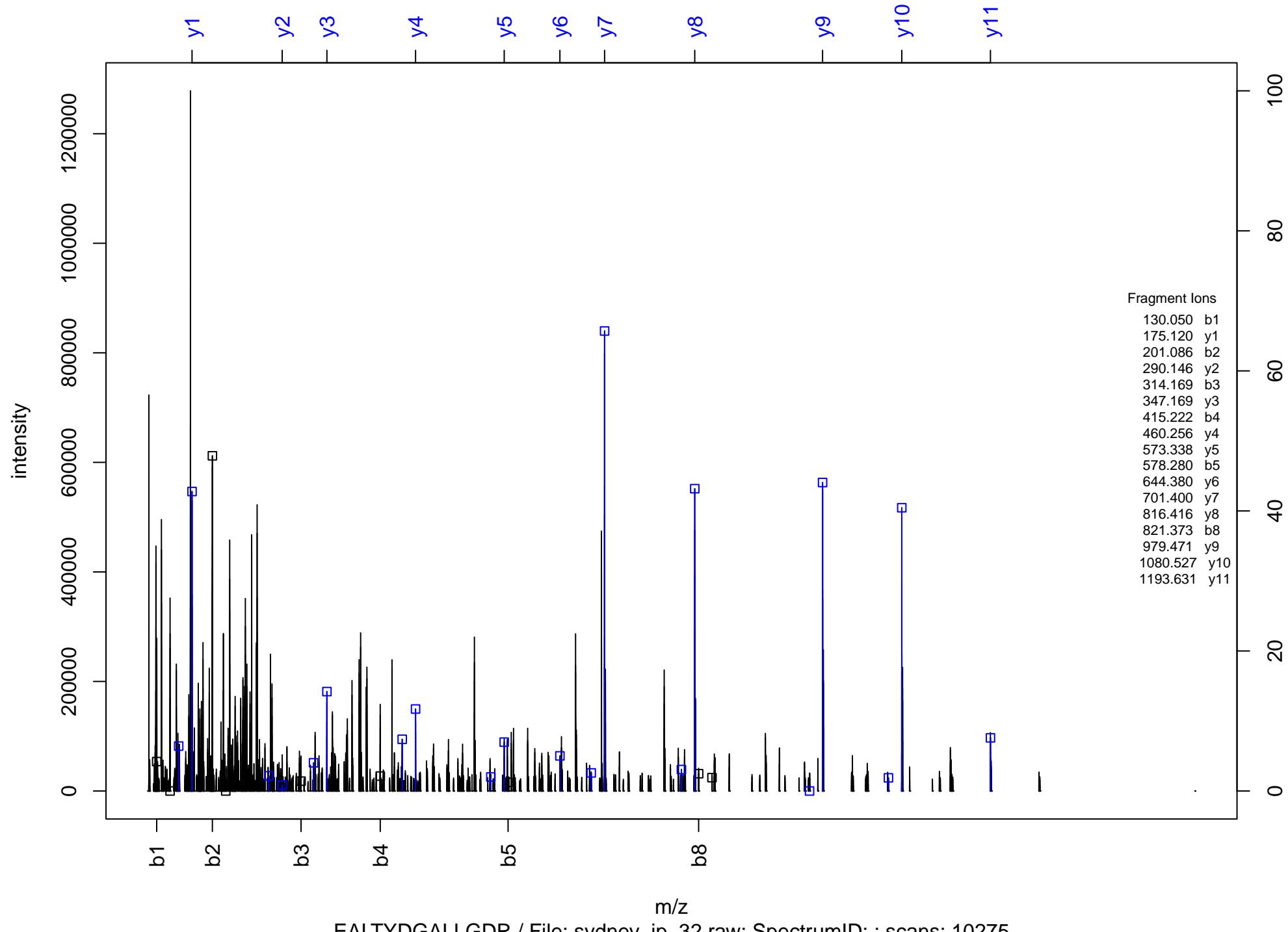
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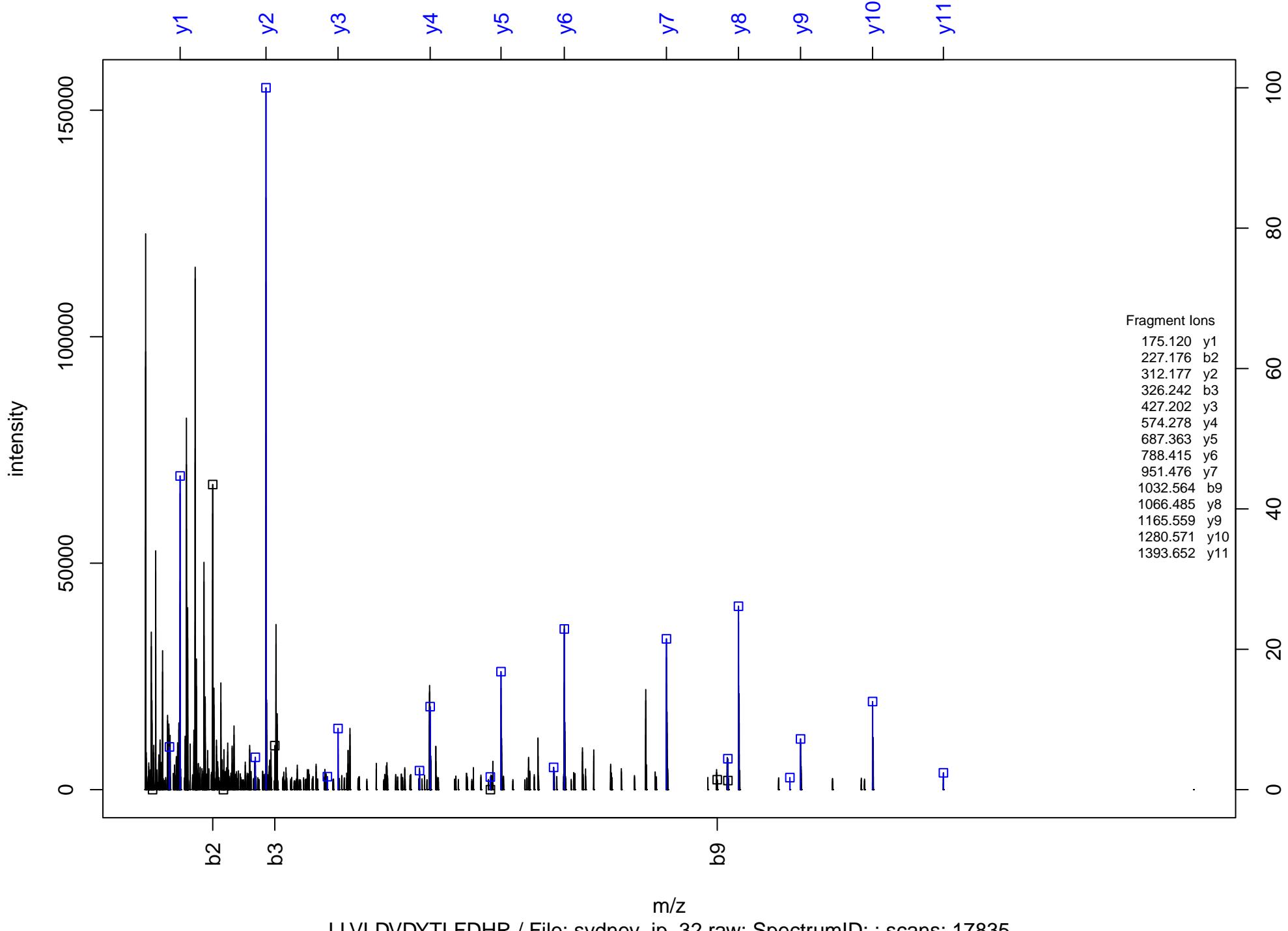
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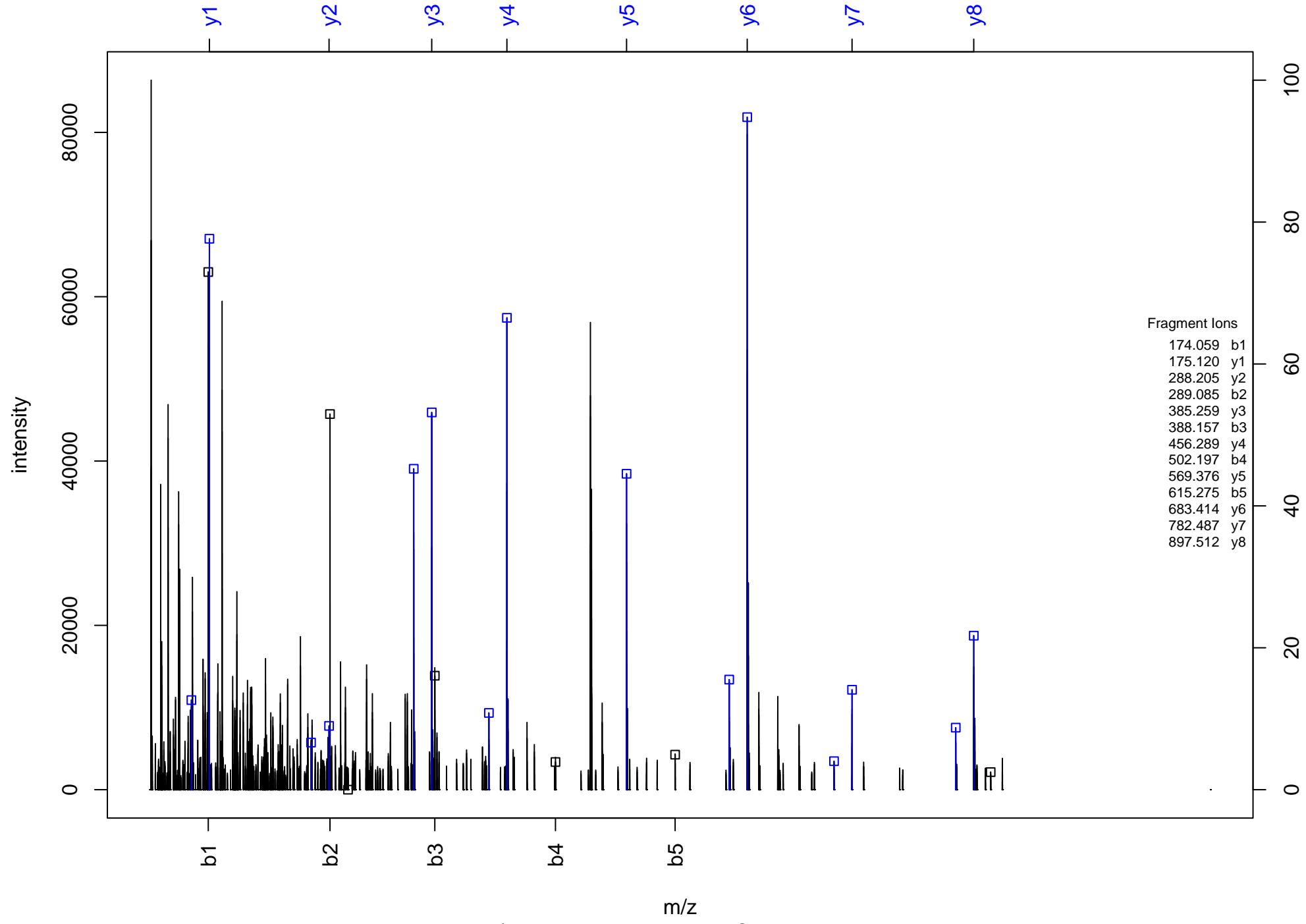
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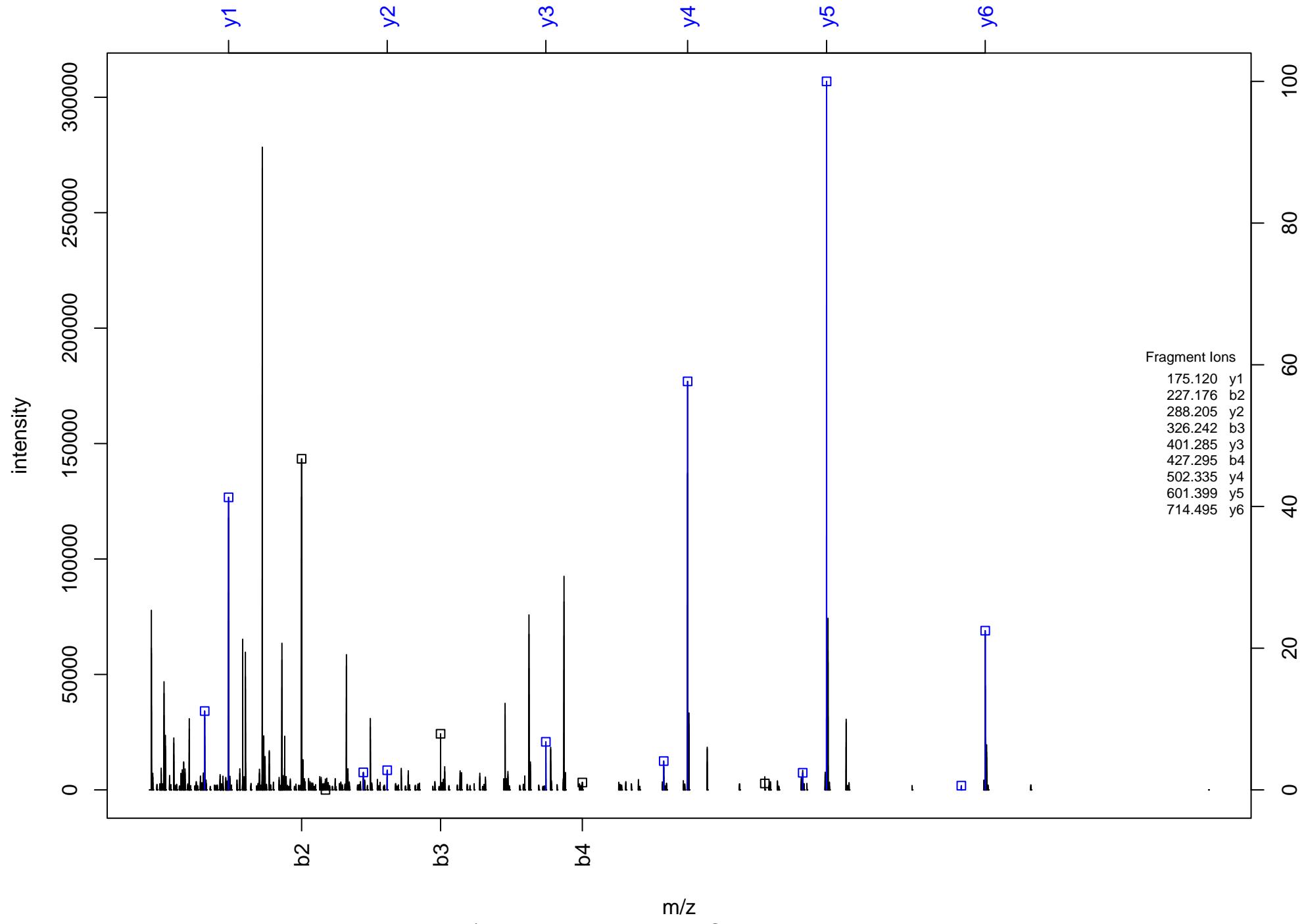
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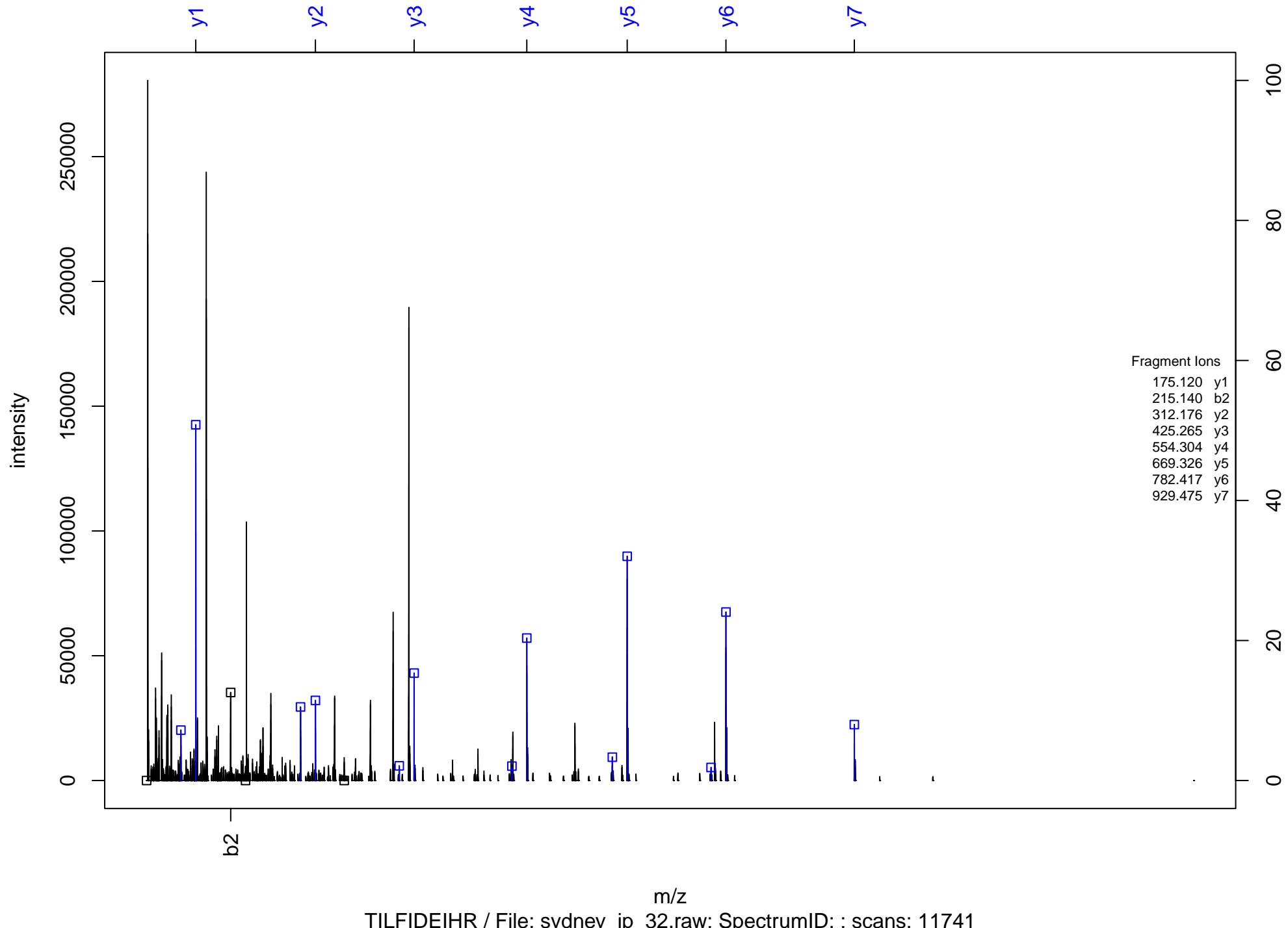
(Ac)MDVNLAPLR



ILVTILR



TILFIDEIHR



GPNIVLSEELAGHQTPITDIATER

