FIG. 1

> Heavy Chain

EVQLVESGGD LVQPGRSLRL SCAASGFIFS NYGMSWVRQA PGK**GLEWVAT ISSASTYSYY PDSVK**GR**FTI SR**DNAK**NSLY LQMNSLR**VED TALYYCGR**HS DGNFAFGYWG QGTLVTVSSA STK**GPSVFPL APSSKSTSGG TAALGCLVKD YFPEPVTVSW NSGALTSGVH TFPAVLOSSG LYSLSSVVTV PSSSLGTQTY ICNVNHKPSN TKVDKKVEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTPPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGK (SEQ ID NO: 1)

>Light Chain

DVLMTQSPLS LPVTPGEPAS ISCRSSR**NIV HINGDTYLEW YLQKPGQSPQ LLIYK**VSNR**F SGVPDRFSGS GSGTDFTLK**I SRVEAEDVGV YYCFQGSLLP WTFGQGTKVE IKRTVAAPSV FIFPPSDEQL KSGTASVVCL LNNFYPREAK VQWKVDNALQ SGNSQESVTE QDSKDSTYSL SSTLTLSKAD YEKHKVYACE VTHQGLSSPV TKSFNRGEC (SEQ ID NO: 2)

Fig. 2

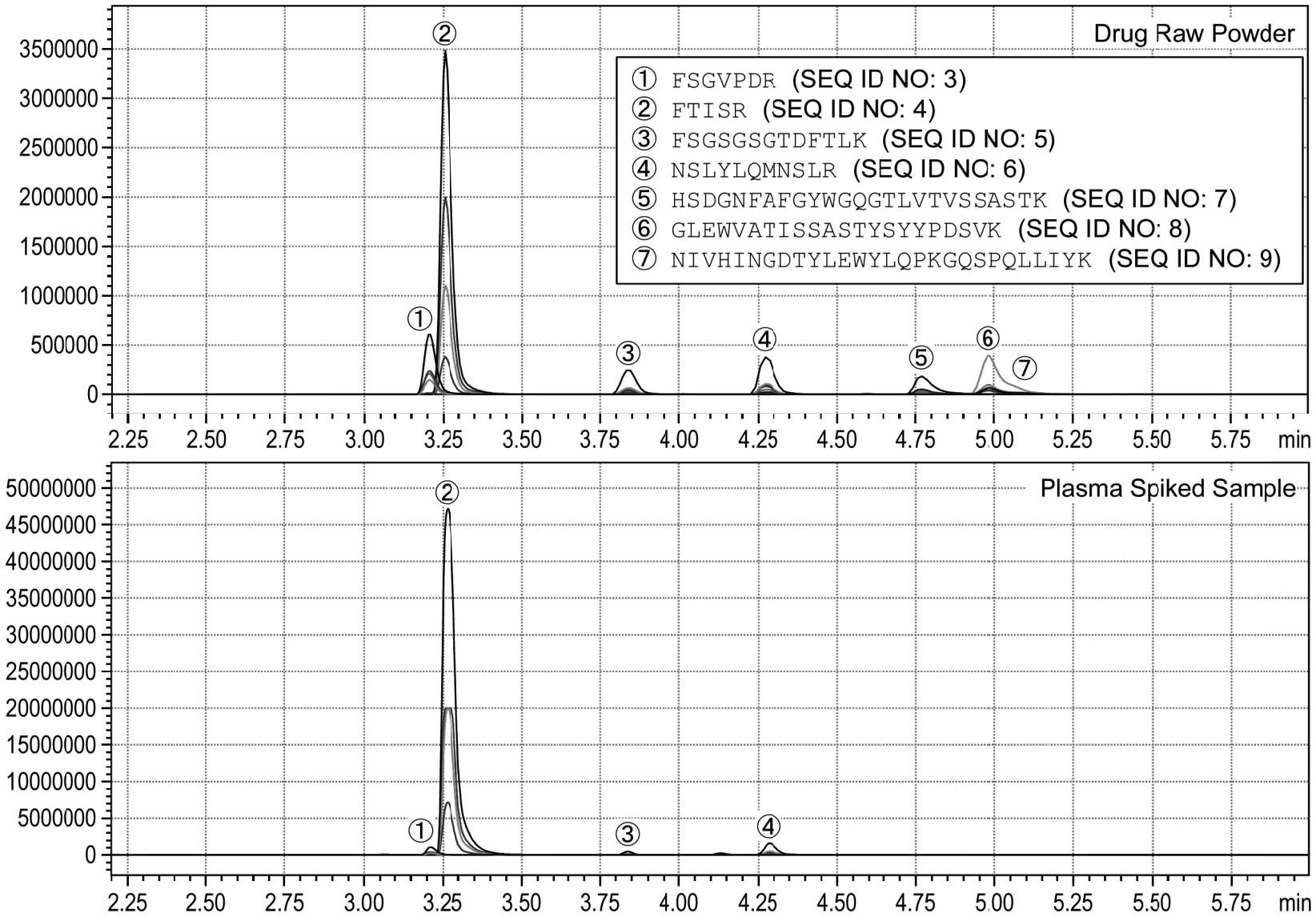
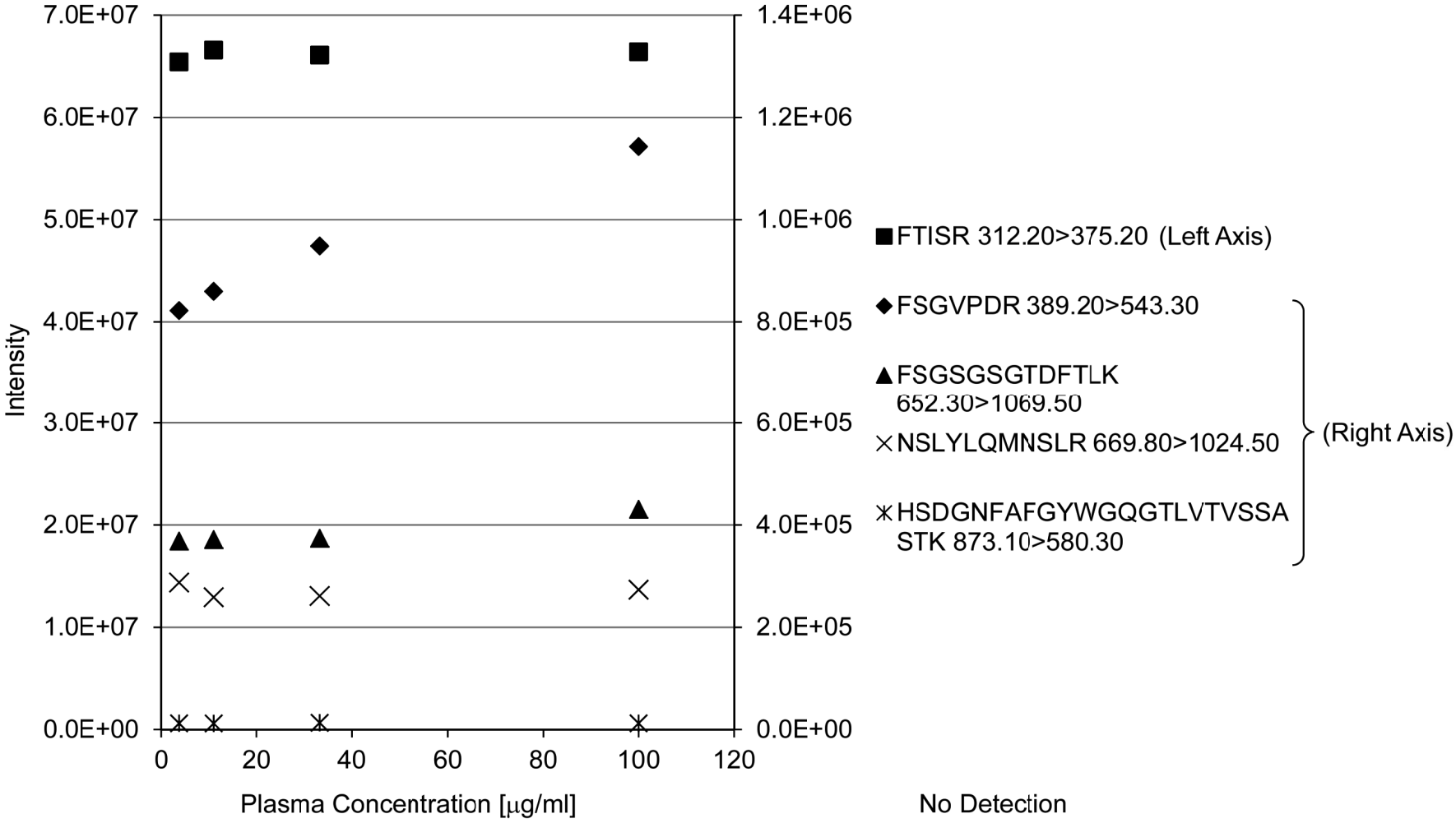

Drug Raw Powder
① FSGVPDR (SEQ ID NO: 3)
② FTISR (SEQ ID NO: 4)
③ FSGSGSGTDFTLK (SEQ ID NO: 5)
④ NSLYLQMNSLR (SEQ ID NO: 6)
⑤ HSDGNFAFGYWGQGTLVTVSSASTK (SEQ ID NO: 7)
⑥ GLEWVATISSASTYSYYPDSVK (SEQ ID NO: 8)
⑦ NIVHINGDTYLEWYLQPKGQSPQLLIYK (SEQ ID NO: 9)
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
2.25 2.50 2.75 3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 min
Plasma Spiked Sample
50000000
45000000
40000000
35000000
30000000
25000000
20000000
15000000
10000000
5000000
0
2.25 2.50 2.75 3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 min

Fig. 3



No Detection
*GLEWVATISSASTYSYYPDSVK
*NIVHINGDTYLEWYLQPKGQSPQLLIYK

FIG. 4

> Heavy Chain

EVQLVESGGD LVQPGRSLRL SCAASGFIFS NY**GMSWVR**QA PGKGLEWVAT ISSASTY**SYY**
PDSVKGRFTI SRDNAKNSLY LQMNSLRVED TALYYCGRHS DGNFAFGYWG QGTLVTVSSA
STKGPSVFPL APSSKSTSGG TAALGCLVKD YFPEPVTVSW NSGALTSGVH TFPAVLOSSG
LYSLSSVVTV PSSSLGTQTY ICNVNHKPSN TKVDKKVEPK SCDKTHTCPP CPAPELLGGP
SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS
TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL
TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTPPVL DSDGSFFLYS KLTVDKSRWQ
QGNVFSCSVM HEALHNHYTQ KSLSLSPGK

>Light Chain

DVLMTQSPLS LPVTPGEPAS ISCRSSR**NIV HINGDTYLEW YLQKPGQSPQ LLIYK**VSNRF
SGVPDRFSGS GSGTDFTLK**I SRVEAEDVGV Y**YCFQGSLLP WTFGQGTKVE IKRTVAAPSV
FIFPPSDEQL KSGTASVVCL LNNFYPREAK VQWKVDNALQ SGNSQESVTE QDSKDSTYSL
SSTLTLSKAD YEKHKVYACE VTHQGLSSPV TKSFNRGEC

Fig. 5

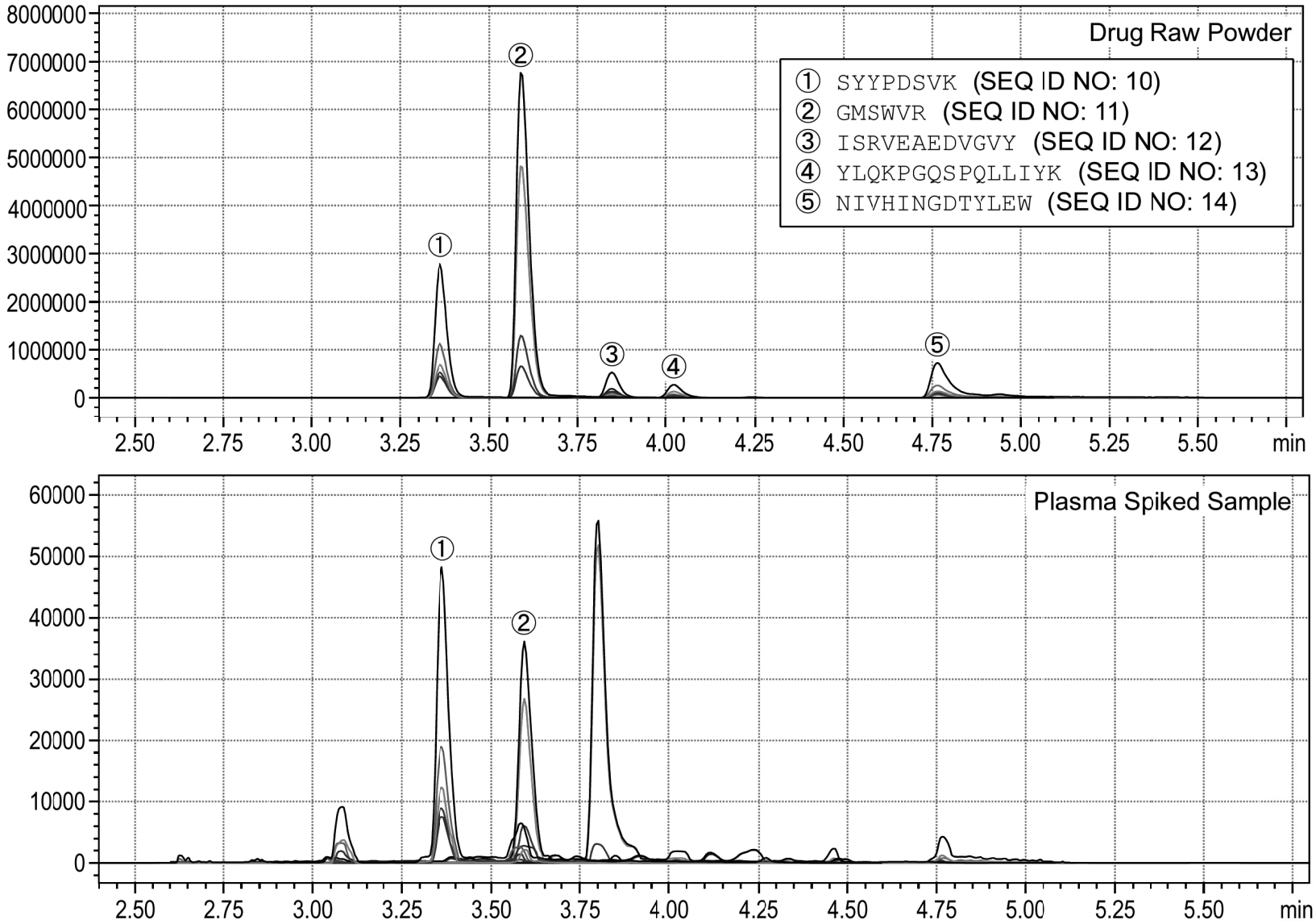
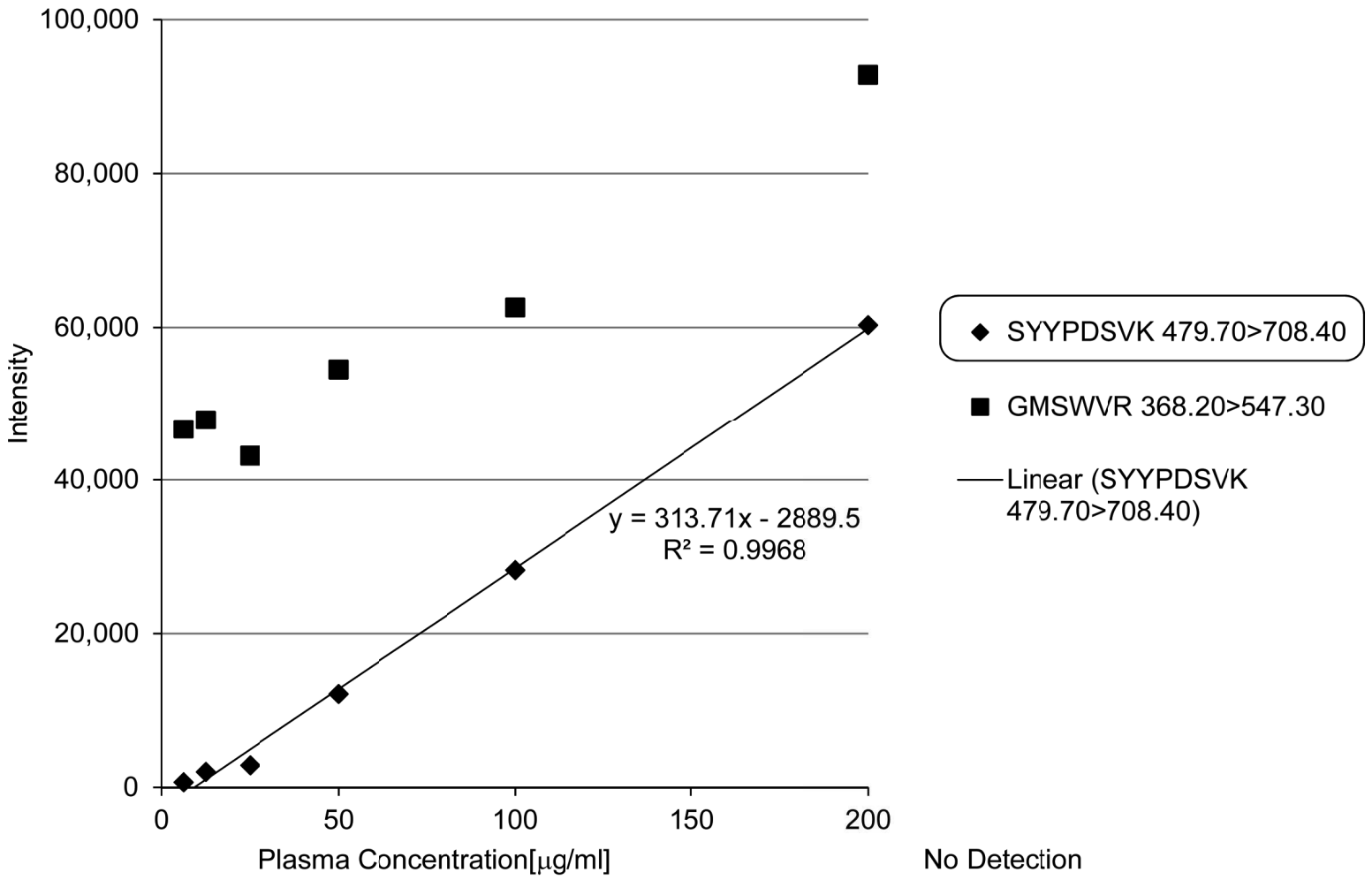
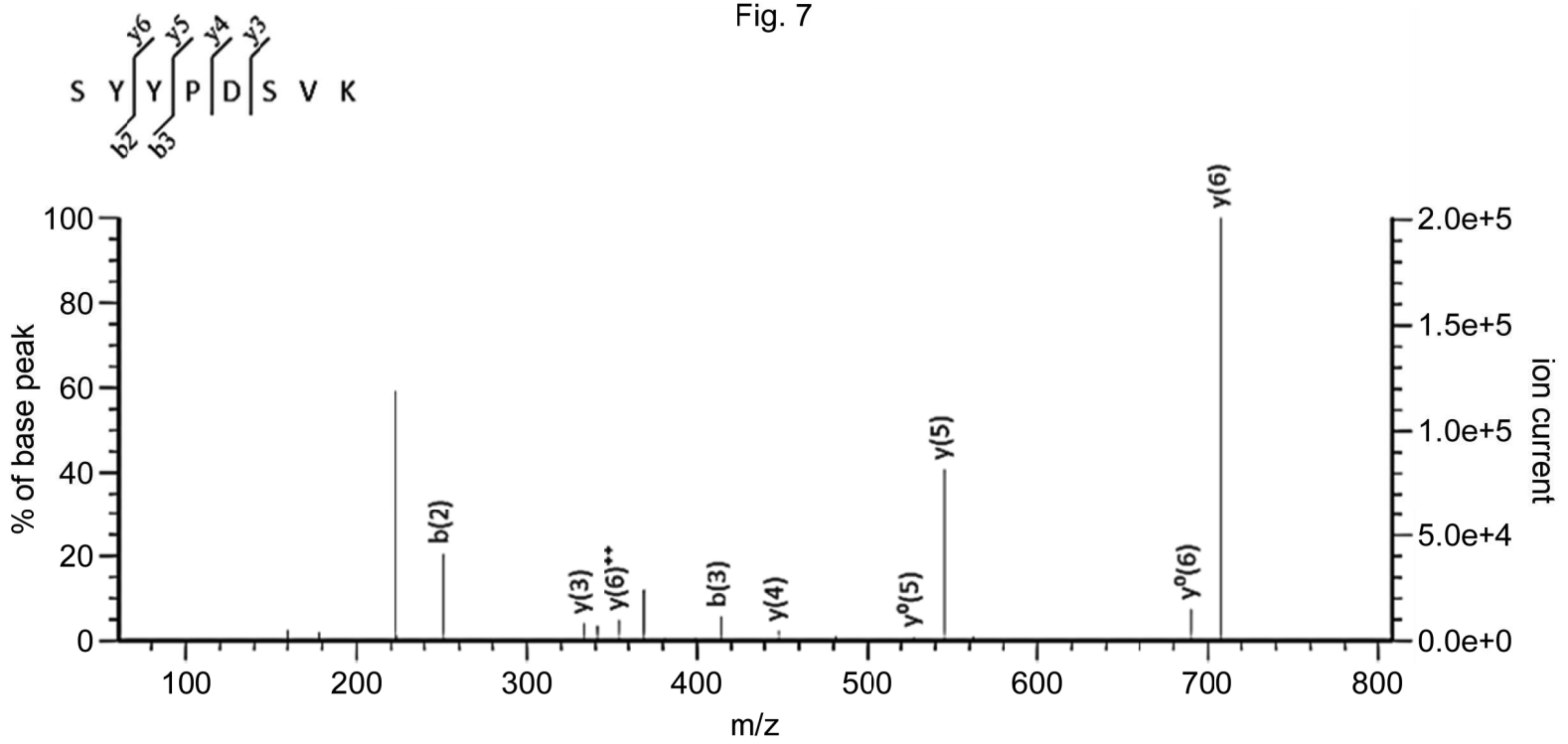

Drug Raw Powder
① SYYPDSVK (SEQ ID NO: 10)
② GMSWVR (SEQ ID NO: 11)
③ ISRVEAEDVGVY (SEQ ID NO: 12)
④ YLQKPGQSPQLLIYK (SEQ ID NO: 13)
⑤ NIVHINGDTYLEW (SEQ ID NO: 14)
8000000
7000000
6000000
5000000
4000000
3000000
2000000
1000000
0
2.50 2.75 3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 min
Plasma Spiked Sample
60000
50000
40000
30000
20000
10000
0
2.50 2.75 3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 min

Fig. 6



No Detection
*ISRVEAEDVGVY
*YLQKPGQSPQLLIYK
*NIVHINGDTYLEW

Fig. 7



#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.0393	44.5233	70.0287	35.5180	S							8
2	***251.1026***	126.0550	233.0921	117.0497	Y	871.4196	436.2134	854.3931	427.7002	853.4090	427.2082	7
3	***414.1660***	207.5866	396.1554	198.5813	Y	***708.3563***	***354.6818***	691.3297	346.1685	***690.3457***	345.6765	6
4	511.2187	256.1130	493.2082	247.1077	P	***545.2930***	273.1501	528.2664	264.6368	***527.2824***	264.1448	5
5	626.2457	313.6265	608.2351	304.6212	D	***448.2402***	224.6237	431.2136	216.1105	430.2296	215.6184	4
6	713.2777	357.1425	695.2671	348.1372	S	***333.2132***	167.1103	316.1867	158.5970	315.2027	158.1050	3
7	812.3461	406.6767	794.3355	397.6714	V	246.1812	123.5942	229.1547	115.0810			2
8					K	147.1128	74.0600	130.0863	65.5468			1