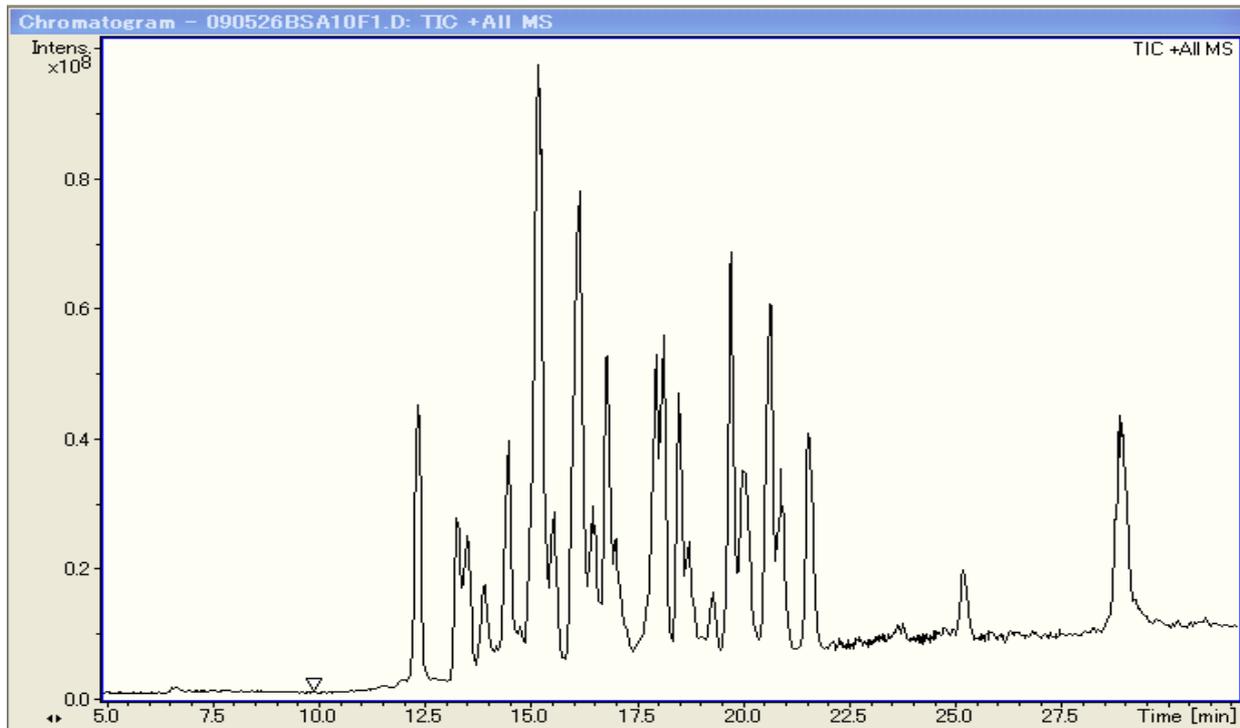


nano LC-MS/MS による分析例



牛血清アルブミントリプシン消化物 10fmol トータルイオンクロマト

Results Shown Filtered by Validation Category: valid
Data Directory: msdataSM\CRL10\090526BSA10F1
 hit table read - SpecFeatures read
 valid hits read from tagSummary file - Files: 54 Hits: 170
 beginning to assemble proteins proteins assembled 0.020905 sec
 proteins filtered by unique peptides 0.00688 sec
 proteins filtered by score
 calculated protein coverage maps 0.071782 sec
 beginning to roll up proteins into groups proteins rolled up into groups 0.00262 sec
 protein groups ready for display
 proteinGroupingMethod: oneSharedPeptide 1 Proteins listed

Group (#)	Spectra (#)	Distinct Peptides (#)	Distinct Summed MS/MS Search Score	% AA Coverage	Mean Peptide Spectral Intensity	Protein MW (Da)	Protein pI	Species	Database Accession #	Protein Name
1	54	31	490.48	49	3.45e+007	69293.9	5.82	BOVIN	P02769	Serum albumin OS=Bos taurus GN=ALB PE=1 SV=4
Totals:		31								

1	MKWTFLISLL	LLFSSAYSBG	VFRRDTHKSE	IAHBFKDLGE	EHFKGLVLIA	FSQYLQQCPF	DEHVKLYNEL	TEFAKTCYAD	80
81	ESHAGCEKSL	HTLFGDELCK	VASLRETYGD	MADCCKEQEP	ERNECFLSHK	DDSPDLPLK	PDPNTLCDEF	KADEKRFWQK	160
161	YLYEIARHP	YFYAPPELLYY	ANKYNGVFOE	CCQAEDKQAC	LLPKIETMRE	KVLASSAROR	LRGASIQKFG	EBALKAWSYA	240
241	BLSQKFPKAE	FVEYTKLVTD	LTKYHKCCH	GDLLCADDK	ADLAKYICDN	QDTISSKLE	CCDKPLLEKS	HCIAEYKDA	320
321	IPENLPLTA	DFAEDKDYCK	NYQEAQDAFL	GSFLYEYSRR	HPEYAVSYLL	RLAKYEYATL	EECCAQDDPH	ACYSTYFDKL	400
401	KHLYDEPNL	IKQNCQDFEK	LGEYGFONAL	IYRYTRKVPQ	VSTPTLVEYS	RSLGKVGTRC	CTKPESEKMP	CTEDYLSLIL	480
481	NRLCVLHEKT	PYSEKVTKCC	TESLYNBRPC	FSALTPDETY	YPKAFDEKLF	TFHADICTLP	DTEKQIKKQT	ALVELLKHKP	560
561	KATEEQLKTV	MENFYAFVDK	CCAADDKQAC	FAVEGPKLVY	STQTALA				607

The matched peptides cover 49% (299/607 AA's) of the protein.

検索ソフトによる検索結果