

Supplementary Data:

Keller, B.O.; Sui, J.; Young, A.B.; Whittall, R.M. Interferences and contaminants encountered in modern mass spectrometry. *Analytica Chimica Acta (Review/tutorial, Special Issue on Mass Spectrometry)*, 2008.

Thank you Dr. Alex Young for your years of devotion to the 'art' of mass spectrometry.

List of potential interference- or contaminant ions in modern mass spectrometry, positive ESI mode

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
33.03349	[M+H] ⁺	CH ₃ OH	Methanol	Acetonitrile, solvent
42.03383	[M+H] ⁺	CH ₃ CN	ACN	Acetonitrile, solvent
59.06037	[M+NH ₄] ⁺	CH ₃ CN	ACN	Acetonitrile, solvent
63.04406	[A ₁ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
64.01577	[M+Na] ⁺	CH ₃ CN	ACN	Acetonitrile, solvent
65.05971	[M ₂ +H] ⁺	CH ₃ OH	Methanol	Methanol, solvent
74.06004	[M+H] ⁺	C ₃ H ₇ NO	Dimethyl formamide	solvent
74.06004	[A ₁ B ₁ +H] ⁺	(CH ₃ CN) _n (CH ₃ OH) _m	Acetonitrile/Methanol	ESI solvents
77.05971	[A ₁ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
79.02121	[M+H] ⁺	C ₂ H ₆ OS	DMSO	Dimethylsulfoxide, solvent
83.06037	[M ₂ +H] ⁺	CH ₃ CN	Acetonitrile	ESI solvents
85.02600	[A ₁ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
85.05887	[M+H] ⁺	C ₂ D ₆ OS	d ₆ -DMSO	d ₆ -Dimethylsulfoxide, solvent
88.03931	[A ₁ B ₁ +H] ⁺	(CH ₃ CN) _n (HCOOH) _m	Acetonitrile/Formic Acid	ESI solvents
96.04198	[A ₁ B ₁ +Na] ⁺	(CH ₃ CN) _n (CH ₃ OH) _m	Acetonitrile/Methanol	ESI solvents
99.04165	[A ₁ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
100.07569	[M+H] ⁺	C ₅ H ₁₀ NO	NMP	N-methyl 2-pyrrolidone; solvent, floor stripper
100.99994	[A ₁ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
101.00316	[M+Na] ⁺	C ₂ H ₆ OS	DMSO	Dimethylsulfoxide, solvent
101.08084	[A ₂ B ₂ +H] ⁺	[MeOH] _n [H ₂ O] _m	Methanol/Water	ESI solvents
102.05496	[A ₁ B ₁ +H] ⁺	(CH ₃ CN) _n (CH ₃ COOH) _m	Acetonitrile/Acetic Acid	ESI solvents
102.12773	[M+H] ⁺	C ₆ H ₁₅ N	TEA	Triethylamine, buffer
103.95560	[M+ ⁶³ Cu] ⁺	C ₂ H ₃ N	ACN	Acetonitrile, solvent
104.99229	[M+Na] ⁺	C ₂ H ₃ O ₂ Na	Sodium acetate	ESI solvents
105.04232	[M ₂ +Na] ⁺	C ₂ H ₃ N	ACN	Acetonitrile, solvent
105.95379	[M+ ⁶⁵ Cu] ⁺	C ₂ H ₃ N	ACN	Acetonitrile, solvent
107.07027	[A ₂ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
115.01559	[A ₁ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
115.08659	[A ₁ B ₁ +H] ⁺	(CH ₃ CN) _n (C ₃ H ₇ NO) _m	ACN/DMF	solvent
120.04776	[M+CH ₃ CN+H] ⁺	C ₂ H ₆ OS	DMSO	Dimethylsulfoxide, solvent
122.08117	[M+H] ⁺	C ₄ H ₁₁ NO ₃	TRIS	TRIS, buffer
123.06278	[A ₂ B ₂ +Na] ⁺	[MeOH] _n [H ₂ O] _m	Methanol/Water	ESI solvents
123.09167	[M+H] ⁺	C ₇ H ₁₀ N ₂	DMAP	Dimethylaminopyridine, solvent
124.03690	[A ₁ B ₁ +Na] ⁺	(CH ₃ CN) _n (CH ₃ COOH) _m	Acetonitrile/Acetic Acid	ESI solvents
129.05222	[A ₂ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
130.15903	[M+H] ⁺	C ₈ H ₁₉ N	DIPEA	Diisopropylethylamine, solvent
132.90490	M ⁺	Cs	Cs-133	Cesium, from Cesium Iodide used as calibrant
133.10705	[A ₃ B ₂ +H] ⁺	[MeOH] _n [H ₂ O] _m	Methanol/Water	ESI solvents
135.10157	[A ₂ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
137.07431	[M+CH ₃ CN+NH ₄] ⁺	C ₂ H ₆ OS	DMSO	Dimethylsulfoxide, solvent
142.02971	[M+CH ₃ CN+Na] ⁺	C ₂ H ₆ OS	DMSO	Dimethylsulfoxide, solvent
144.17468	[M+H] ⁺	C ₉ H ₂₁ N	TPA	Tripropylamine, solvent
144.98215	[M ₂ + ⁶³ Cu] ⁺	CH ₃ CN	ACN	Acetonitrile, solvent, together with m/z 147
145.02615	[A ₂ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
146.06887	[M ₃ +Na] ⁺	CH ₃ CN	ACN	Acetonitrile, solvent
146.98034	[M ₂ + ⁶⁵ Cu] ⁺	CH ₃ CN	ACN	Acetonitrile, solvent, together with m/z 145
147.11280	[A ₂ B ₂ +H] ⁺	(CH ₃ CN) _n (CH ₃ OH) _m	Acetonitrile/Methanol	ESI solvents
149.02332	[f+H] ⁺	C ₈ H ₄ O ₃	Phthalic Anhydride	fragment ion originating from phthalate esters
150.12773	[M+H] ⁺	C ₁₀ H ₁₅ N	Phenyldiethylamine	solvent
151.09649	[A ₃ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
153.13862	[M+H] ⁺	C ₉ H ₁₆ N ₂	DBU	1,8-Diazabicyclo[5.4.0]undec-7-ene
155.08900	[A ₃ B ₂ +Na] ⁺	[MeOH] _n [H ₂ O] _m	Methanol/Water	ESI solvents
157.03515	[M ₂ +H] ⁺	C ₂ H ₆ OS	DMSO	Dimethylsulfoxide, solvent
157.08352	[A ₂ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
158.96403	[M+Na] ⁺	C ₂ F ₃ O ₂ Na	NaTFA	Sodium trifluoroacetate, salt
163.03897	[M-CH ₃ OH+H] ⁺	C ₁₀ H ₁₀ O ₄	Dimethyl phthalate	Phthalate esters, plasticizer
163.13287	[M+H] ⁺	C ₈ H ₁₈ O ₃	DGBE	Diethylene glycol monobutyl ether, cpd. In scintillation cocktail
169.09475	[A ₂ B ₂ +Na] ⁺	(CH ₃ CN) _n (CH ₃ OH) _m	Acetonitrile/Methanol	ESI solvents
169.11046	[M ₂ +H] ⁺	C ₂ D ₆ OS	d ₆ -DMSO	d6-Dimethylsulfoxide, solvent
171.00527	[f+Na] ⁺	C ₈ H ₄ O ₃	Phthalic anhydride	from phthalate esters, plasticizer
172.03931	[M-H ₂ O+H] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix compound
173.05745	[A ₂ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
173.07843	[A ₃ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
179.01709	[M ₂ +Na] ⁺	C ₂ H ₆ OS	DMSO	Dimethylsulfoxide, solvent
181.12231	[M+H] ⁺	C ₁₁ H ₁₆ O ₂	BHA	Butylated hydroxyanisole, antioxidant additives
183.08044	[M+H] ⁺	C ₁₃ H ₁₀ O	DPK	Diphenyl ketone
183.14383	[A ₄ B ₃ +H] ⁺	[MeOH] _n [H ₂ O] _m	Methanol/Water	ESI solvents
185.11482	[M+Na] ⁺	C ₈ H ₁₈ O ₃	GE	glycol ether
186.22163	[M+H] ⁺	C ₁₂ H ₂₇ N	TBA	Tributylamine, solvent
189.05237	[A ₃ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
190.04987	[M+H] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix compound
193.14344	[A ₃ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
195.06519	[M+H] ⁺	C ₁₀ H ₁₀ O ₄	Dimethyl phthalate	Phthalate esters, plasticizer
195.12270	[A ₄ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
203.10425	[M+Na] ⁺	C ₁₁ H ₁₆ O ₂	BHA	Butylated hydroxyanisole, antioxidant additives
205.12578	[A ₄ B ₃ +Na] ⁺	[MeOH] _n [H ₂ O] _m	Methanol/Water	ESI solvents
212.03181	[M+Na] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix compound, sodiated

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
214.08963	[M+H] ⁺	C ₁₀ H ₁₅ NO ₂ S	n-BBS	n-butyl benzenesulfonamide, plasticizer
215.12538	[A ₃ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
217.10465	[A ₄ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
221.18999	[M+H] ⁺	C ₁₅ H ₂₄ O	BTH	Butylated hydroxytoluene, Antioxidant
225.19614	[M+H] ⁺	C ₁₃ H ₂₄ N ₂ O	DCU	N,N'-Dicyclohexylurea
228.00575	[M+K] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix compound, potassiated
231.09932	[A ₃ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
231.11618	[M+NH ₄] ⁺	C ₁₀ H ₁₅ NO ₂ S	n-BBS	n-butyl benzenesulfonamide, plasticizer
233.07858	[A ₄ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
236.07157	[M+Na] ⁺	C ₁₀ H ₁₅ NO ₂ S	n-BBS	n-butyl benzenesulfonamide, plasticizer
239.14892	[A ₅ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
239.22485	[(M.H ³⁵ Cl) ₂ -Cl] ⁺	C ₆ H ₁₅ N	TEA.HCl	Triethylamine-hydrochloride, buffer
241.22190	[(M.H ³⁷ Cl) ₂ -Cl] ⁺	C ₆ H ₁₅ N	TEA.HCl	Triethylamine-hydrochloride, buffer
242.28423	M ⁺	C ₁₆ H ₃₆ N	TBA	Tetrabutylammonium, buffer
243.11683	M ⁺	C ₁₉ H ₁₅	Trityl cation	Trityl cation, [Ph ₃ C] ⁺
243.17194	[M+Na] ⁺	C ₁₅ H ₂₄ O	BTH	Butylated hydroxytoluene, Antioxidant additives
251.18530	[A ₄ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
251.20056	[AB ₁ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
257.03103	[M ₃ +Na] ⁺	C ₂ H ₆ OS	DMSO	Dimethylsulfoxide, solvent
261.13086	[A ₅ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
265.21621	[AB ₁ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
267.17197	[M+H] ⁺	C ₁₂ H ₂₇ O ₄ P	TBP	Tributylphosphate
273.12739	M ⁺	C ₂₀ H ₁₇ O	MMT	Monomethoxytrityl cation
273.16725	[A ₄ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
273.18250	[AB ₁ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
277.10480	[A ₅ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
279.09333	[M+H] ⁺	C ₁₈ H ₁₅ OP	TPO	Triphenylphosphine oxide
279.15909	[M+H] ⁺	C ₁₆ H ₂₂ O ₄	Dibutylphthalate	Plasticiser, phtalate ester
279.22945	[AB ₁ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
282.27914	[M+H] ⁺	C ₁₈ H ₃₅ NO	Oleamide	Slip agent in polyethylene films
283.17513	[A ₆ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
284.29479	[M+H] ⁺	C ₁₈ H ₃₇ NO	Stearamide	Slip agent in polyethylene films
287.19815	[AB ₁ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
288.25332	[M+H] ⁺	C ₁₆ H ₃₃ NO ₃	n,n-DDA	n,n-bis(2-hydroxyethyl) dodecanamide,
289.14118	[A ₄ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
293.24510	[AB ₁ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
295.22677	[AB ₂ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
301.14103	[M+Na] ⁺	C ₁₆ H ₂₂ O ₄	Dibutylphthalate	Dibutylphthalate, plasticizer
304.26108	[M+Na] ⁺	C ₁₈ H ₃₅ NO	Oleamide	Slip agent in polyethylene films
305.15708	[A ₆ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
306.27673	[M+Na] ⁺	C ₁₈ H ₃₇ NO	Stearamide	Slip agent in polyethylene films
309.22717	[A ₅ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
309.24242	[AB ₂ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
315.25299	[M+H] ⁺	C ₁₈ H ₃₄ O ₄	DBS	Dibutyl sebacate, plasticizer
317.11497	[M+K] ⁺	C ₁₆ H ₂₂ O ₄	Dibutylphthalate	Dibutylphthalate, plasticizer
317.20872	[AB ₂ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
321.13101	[A ₆ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
323.25567	[AB ₂ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
325.25847	[M ₂ +H] ⁺	C ₈ H ₁₈ O ₃	DGBE	Diethylene glycol monobutyl ether,
327.07807	[M+H] ⁺	C ₁₈ H ₁₅ O ₄ P	TPP	Triphenyl phosphate, flame retardant in plastics
327.20135	[A ₇ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
331.20911	[A ₅ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
331.22437	[AB ₂ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
337.11841	[M+H] ⁺ ; (¹²⁰ Sn)	C ₁₃ H ₂₈ O ₂ Sn	Tributyl tin formate	Tributyl tin formate, catalyst
337.27132	[AB ₂ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
338.34174	[M+H] ⁺	C ₂₂ H ₄₃ NO	Erucamide	Erucamide, (Cis-13-docosenoic amide)
339.25299	[AB ₃ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
347.18305	[A ₅ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
349.18329	[A ₇ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
353.26864	[AB ₃ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
355.06994	[M+H-CH ₄] ⁺	[C ₂ H ₆ SiO] ₅	Polysiloxane	Polysiloxane, (neutral methane loss from m/z 371)
355.36829	[M-Cl] ⁺	C ₂₂ H ₄₇ N ₂ OCl		Palmitamidopropyl-trimonium chloride
360.32368	[M+Na] ⁺	C ₂₂ H ₄₃ NO	Erucamide	Erucamide, (Cis-13-docosenoic amide)
361.23493	[AB ₃ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
365.15723	[A ₇ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
367.26903	[A ₆ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
367.28188	[AB ₃ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
368.42508	[M-Cl] ⁺	C ₂₅ H ₅₄ NCl	BTAC-228	Behentrimonium chloride,
371.10124	[M+H] ⁺	[C ₂ H ₆ SiO] ₅	Polysiloxane	Polysiloxane, followed by m/z 388
371.22756	[A ₈ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
371.31559	[M+H] ⁺	C ₂₂ H ₄₂ O ₄	DEHA	Bis(2-ethylhexyl) adipate, plasticizer
371.31559	[M+H] ⁺	C ₂₂ H ₄₂ O ₄	DOA	Diocetyl adipate, plasticizer
375.25058	[AB ₃ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
379.09246	[M ₂ +H] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster, dimer
381.29753	[AB ₃ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
383.27920	[AB ₄ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
388.12779	[M+NH ₄] ⁺	[C ₂ H ₆ SiO] ₅	Polysiloxane	Polysiloxane, (see m/z 371)
389.25098	[A ₆ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
391.28429	[M+H] ⁺	C ₂₄ H ₃₈ O ₄	Diisooctyl phthalate	Diisooctyl phthalate, plasticiser
393.20951	[A ₈ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
397.29485	[AB ₄ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
405.22491	[A ₆ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
405.26115	[AB ₄ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
409.18344	[A ₈ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
411.30810	[AB ₄ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
413.26623	[M+Na] ⁺	C ₂₄ H ₃₈ O ₄	Diisooctyl phthalate	Diisooctyl phthalate, plasticiser
415.25378	[A ₉ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
419.27680	[AB ₄ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
425.31090	[A ₇ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
425.32375	[AB ₄ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
427.30542	[AB ₅ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
429.08873	[M+H-CH ₄] ⁺	[C ₂ H ₆ SiO] ₆	Polysiloxane	Polysiloxane, (neutral methane loss from m/z 445)
429.24017	[M+K] ⁺	C ₂₄ H ₃₈ O ₄	Diisooctyl phthalate	Diisooctyl phthalate, plasticiser
437.23572	[A ₉ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
441.01479	[M ₃ + ⁶³ Cu(I)] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix-copper adduct, together with m/z 443
441.32107	[AB ₅ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
443.01298	[M ₃ + ⁶⁵ Cu(I)] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix-copper adduct, together with m/z 443
445.12003	[M+H] ⁺	[C ₂ H ₆ SiO] ₆	Polysiloxane	Polysiloxane, followed by m/z 462
447.29284	[M+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
449.28736	[AB ₅ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
449.38500	[M ₂ +H] ⁺	C ₁₃ H ₂₄ N ₂ O	DCU	N,N'-Dicyclohexylurea
453.20966	[A ₉ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
453.34353	[M+H] ⁺	C ₂₄ H ₄₄ N ₄ O ₄	nylon	Cyclic oligomer of polyamide 66
454.29278	[M+CH ₃ CN+Na] ⁺	C ₂₄ H ₃₈ O ₄	Diisooctyl phthalate	Diisooctyl phthalate, plasticiser
455.33431	[AB ₅ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
459.27999	[A ₁₀ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
462.14658	[M+NH ₄] ⁺	[C ₂ H ₆ SiO] ₆	Polysiloxane	Polysiloxane (see m/z 445)
463.26678	[A ₇ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
463.30301	[AB ₅ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
469.34996	[AB ₅ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
471.33163	[AB ₆ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
472.28781	[M+H] ⁺	SLPR	Peptide	porcine trypsin
481.26194	[A ₁₀ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
483.35276	[A ₈ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
485.34728	[AB ₆ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
493.31358	[AB ₆ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
494.56593	[M-Cl] ⁺	C ₃₄ H ₇₂ NCl	DPDMA	Dipalmityltrimethylammonium chloride,
497.23587	[A ₁₀ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
499.36053	[AB ₆ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
503.10752	[M+H-CH ₄] ⁺	[C ₂ H ₆ SiO] ₇	Polysiloxane	Polysiloxane, (neutral methane loss from m/z 519)
503.30621	[A ₁₁ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
505.33471	[A ₈ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
507.32923	[AB ₆ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
513.37618	[AB ₆ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
515.33001	[M+H] ⁺	IQVR	Peptide	trypsin-like artefact
515.35785	[AB ₇ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
515.41286	[M+H] ⁺	C ₃₀ H ₅₈ O ₄ S	DDTDP	Didodecyl 3,3'-thiodipropionate, antioxidant
519.13882	[M+H] ⁺	[C ₂ H ₆ SiO] ₇	Polysiloxane	Polysiloxane, followed by m/z 536
521.30864	[A ₈ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
522.59723	[M-Cl] ⁺	C ₃₆ H ₇₆ NCI	SPDMA	Stearyl-palmyldimethylammonium chloride,
525.28815	[A ₁₁ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
529.37350	[AB ₇ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
531.40777	[M+H] ⁺	C ₃₀ H ₅₈ O ₅ S	DDTDP	Didodecyl 3,3'-thiodipropionate oxidized to sulfoxide
531.47717	[M+H] ⁺	C ₃₅ H ₆₂ O ₃	Irganox	Irganox 1076,
536.16537	[M+NH ₄] ⁺	[C ₂ H ₆ SiO] ₇	Polysiloxane	Polysiloxane (see m/z 519)
537.33979	[AB ₇ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
537.87901	[M ₆ -6H+3Fe+O] ⁺	C ₂ H ₄ O ₂	Acetic acid-Fe-O- complex	during ESI with metal tips and acetic acid
541.26209	[A ₁₁ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
541.39463	[A ₉ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
543.38674	[AB ₇ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
547.33242	[A ₁₂ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
547.40269	[M+H] ⁺	C ₃₀ H ₅₈ O ₆ S	DDTDP	Didodecyl 3,3'-thiodipropionate oxidized to sulfone,
550.62853	[M-Cl] ⁺	C ₃₈ H ₈₀ NCI	DSDMA	Distearyldimethylammonium chloride,
551.35544	[AB ₇ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
553.38972	[M+Na] ⁺	C ₃₀ H ₅₈ O ₅ S	DDTDP	Didodecyl 3,3'-thiodipropionate oxidized to sulfoxide
553.45912	[M+Na] ⁺	C ₃₅ H ₆₂ O ₃	Irganox	Irganox 1076,
555.88957	[M ₆ -6H+H ₂ O+3Fe+O] ⁺	C ₂ H ₄ O ₂	Acetic acid-Fe-O- complex	during ESI with metal tips and acetic acid
557.40239	[AB ₇ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
559.38406	[AB ₈ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
563.37657	[A ₉ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
568.13506	[M ₃ +H] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster, trimer
569.31437	[A ₁₂ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
571.35622	[M+H] ⁺	VSLPR	Peptide	porcine trypsin
573.39971	[AB ₈ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
577.12631	[M+H-CH ₄] ⁺	[C ₂ H ₆ SiO] ₈	Polysiloxane	Polysiloxane, (neutral methane loss from m/z 593)
579.35051	[A ₉ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
581.36601	[AB ₈ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
585.28830	[A ₁₂ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
587.41296	[AB ₈ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
591.35864	[A ₁₃ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
593.15761	[M+H] ⁺	[C ₂ H ₆ SiO] ₈	Polysiloxane	Polysiloxane, followed by m/z 610
595.38166	[AB ₈ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
597.90014	[M ₇ -6H+3Fe+O] ⁺	C ₂ H ₄ O ₂	Acetic acid-Fe-O- complex	during ESI with metal tips and acetic acid
599.43649	[A ₁₀ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
601.42861	[AB ₈ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
603.41028	[AB ₉ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
606.09149	[M ₃ +K] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster, trimer, potassiated

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
610.18416	[M+NH ₄] ⁺	[C ₂ H ₆ SiO] ₈	Polysiloxane	Polysiloxane (see m/z 593)
613.34058	[A ₁₃ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
615.40375	[M+H] ⁺	C ₃₂ H ₅₈ N ₂ O ₇ S	CHAPS	3-[[3-Cholamidopropyl]dimethylammonio]-1-propanesulfonate
617.42593	[AB ₉ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
621.41844	[A ₁₀ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
621.97291	[M ₆ -6H+3Fe+O] ⁺	C ₃ H ₆ O ₂	Propionic acid Fe-O complex	during ESI with metal tips and acetic acid
625.39222	[AB ₉ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
629.31452	[A ₁₃ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
631.43917	[AB ₉ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
633.32023	[M+H] ⁺	QTIASN	Peptide	Bovine trypsin
635.38485	[A ₁₄ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
637.39237	[A ₁₀ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
639.40787	[AB ₉ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
645.45482	[AB ₉ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
646.35187	[f+H] ⁺	GLTAER (from YLDGLTAER)	Peptide	keratin (human), ion source fragment
647.43649	[AB ₁₀ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
651.14510	[M+H-CH ₄] ⁺	[C ₂ H ₆ SiO] ₉	Polysiloxane	Polysiloxane, (neutral methane loss from m/z 667)
657.36680	[A ₁₄ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
657.47836	[A ₁₁ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
659.38350	[M+H] ⁺	SGIQVR	Peptide	Bovine trypsin
661.45214	[AB ₁₀ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
667.17640	[M+H] ⁺	[C ₂ H ₆ SiO] ₉	Polysiloxane	Polysiloxane, followed by m/z 684
669.41844	[AB ₁₀ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
672.40390	[M+H] ⁺	TVSLPR	Peptide	porcine trypsin
672.40390	[M+H] ⁺	TVSLPR	Peptide	porcine trypsin
673.34073	[A ₁₄ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
675.46539	[AB ₁₀ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
679.41107	[A ₁₅ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
679.46030	[A ₁₁ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
679.51166	[M+H] ⁺	C ₃₆ H ₆₆ N ₆ O ₆	nylon	Cyclic oligomer of polyamide 66
683.43409	[AB ₁₀ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
689.48104	[AB ₁₀ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
691.46271	[AB ₁₁ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
695.43424	[A ₁₁ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
701.39301	[A ₁₅ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
704.38250	[M+H] ⁺	LDSELK	Peptide	keratin
705.47836	[AB ₁₁ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
713.44465	[AB ₁₁ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
715.52022	[A ₁₂ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
717.36695	[A ₁₅ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
719.49160	[AB ₁₁ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
723.43728	[A ₁₆ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
727.46030	[AB ₁₁ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
732.46544	[M+H] ⁺	GLVLIAF	Peptide	bovine serum albumin (BSA)
733.50725	[AB ₁₁ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
735.48892	[AB ₁₂ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
737.50217	[A ₁₂ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
741.19520	[M+H] ⁺	[C ₂ H ₆ SiO] ₁₀	Polysiloxane	Polysiloxane, followed by m/z 758
742.44979	[M+H] ⁺	GPFPILV	Peptide	bovine casein alpha-S1
743.44101	[M+H] ⁺	ATVSLPR	Peptide	porcine trypsin
745.41923	[A ₁₆ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
749.50457	[AB ₁₂ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
753.47610	[A ₁₂ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
757.47087	[AB ₁₂ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
758.22175	[M+NH ₄] ⁺	[C ₂ H ₆ SiO] ₁₀	Polysiloxane	Polysiloxane (see m/z 741)
758.41553	[M+H] ⁺	PATLNSR	Peptide	porcine trypsin
761.39316	[A ₁₆ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
763.51782	[AB ₁₂ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
767.46350	[A ₁₇ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
771.48652	[AB ₁₂ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
773.56209	[A ₁₃ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
777.53347	[AB ₁₂ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
779.51514	[AB ₁₃ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
789.44544	[A ₁₇ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
793.53079	[AB ₁₃ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
795.54403	[A ₁₃ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
798.58785	[M ₂ +NH ₄] ⁺	C ₂₄ H ₃₈ O ₄	Diisooctyl phthalate	Diisooctyl phthalate, plasticiser
801.49708	[AB ₁₃ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
802.43051	[M+H] ⁺	LSSPATLN	Peptide	porcine trypsin, truncated
803.54324	[M ₂ +Na] ⁺	C ₂₄ H ₃₈ O ₄	Diisooctyl phthalate	Diisooctyl phthalate, plasticiser
804.40978	[M+H] ⁺	SEIDNVK	Peptide	keratin (human)
805.41626	[M+H] ⁺	SAASLSNR	Peptide	bovine trypsin
805.41938	[A ₁₇ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
807.39954	[M+H] ⁺	LAADDFR	Peptide	keratin (human)
807.54403	[AB ₁₃ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
809.44035	[M+H] ⁺	LASYLDK	Peptide	keratin
809.48691	[AB ₁₀ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
811.48971	[A ₁₈ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
811.51797	[A ₁₃ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
815.51273	[AB ₁₃ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
819.51718	[M ₂ +K] ⁺	C ₂₄ H ₃₈ O ₄	Diisooctyl phthalate	Diisooctyl phthalate, plasticiser
821.55968	[AB ₁₃ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
823.54135	[AB ₁₄ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
824.49887	[M+H] ⁺	PGVVSLPR	Peptide	trypsin-like artefact
827.42978	[M+H] ⁺	FASFIDK	Peptide	keratin (human)

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
827.46214	[M+H] ⁺	PEIQNVK	Peptide	keratin (human)
831.60395	[A ₁₄ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
832.48870	[M+H] ⁺	SISISVAR	Peptide	keratin (human)
833.47166	[A ₁₈ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
837.55700	[AB ₁₄ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
839.09742	[M ₄ -2H+K+2Na] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster
842.50943	[M+H] ⁺	VATVSLPR	Peptide	porcine trypsin
845.10543	[M ₄ -3H+4Na] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster
845.52330	[AB ₁₄ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
848.49886	[M+H] ⁺	AFIDKVR	Peptide	keratin (human)
849.44559	[A ₁₈ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
851.57025	[AB ₁₄ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
853.51313	[AB ₁₁ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
853.58590	[A ₁₄ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
855.07136	[M ₄ -2H+Na+2K] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster
855.51593	[A ₁₉ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
859.53895	[AB ₁₄ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
861.07937	[M ₄ -3H+3Na+K] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster
863.47338	[f+H] ⁺	FLINNR (from THNLEPYFESFINNL)	Peptide	keratin (human), ion source fragment
865.47780	[f+H] ⁺	IEIATYR (from LALDIEIATYR)	Peptide	keratin (human), ion source fragment
865.54951	[AB ₁₀ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
865.58590	[AB ₁₄ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
867.08737	[M ₄ -4H+5Na] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster
867.56757	[AB ₁₅ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
869.55983	[A ₁₄ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
870.54073	[M+H] ⁺	VATVSLPR N-term. methylated	Peptide	porcine trypsin - methylated
871.04530	[M ₄ -2H+3K] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster
871.49959	[M+H] ⁺	QATVSLPR	Peptide	trypsin-like artefact
874.49926	[M+H] ⁺	SLVNLGGSK	Peptide	keratin (human)
877.49787	[A ₁₉ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
881.47271	[M+H] ⁺	SLYGLGGSK	Peptide	keratin (human)
881.58322	[AB ₁₅ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
883.51485	[M+H] ⁺	RVVYVHPI	Peptide	Angiotensin standards
889.54951	[AB ₁₅ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
889.64582	[A ₁₅ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
891.56516	[AB ₁₀ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
893.47181	[A ₁₉ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
893.58081	[AB ₁₀ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
895.59646	[AB ₁₅ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
897.53934	[AB ₁₂ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
899.53089	[M+H] ⁺	VQTVSLPR	Peptide	trypsin-like artefact

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899.54214	[A ₂₀ B+H] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
903.56516	[AB ₁₅ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
905.67979	[M+H] ⁺	C ₄₈ H ₈₈ N ₈ O ₈	nylon	Cyclic oligomer of polyamide 66
906.50434	[M+H] ⁺	NKPGVYTK	Peptide	bovine trypsin
906.50434	[M+H] ⁺	NKPGVYTK	Peptide	porcine trypsin
909.57573	[AB ₁₁ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
909.61211	[AB ₁₅ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
911.59378	[AB ₁₆ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
911.62776	[A ₁₅ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
917.49920	[M+H] ⁺	RVYVHPF	Peptide	Angiotensin standards (bovine)
921.52409	[A ₂₀ B+Na] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
925.60943	[AB ₁₆ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
927.60170	[A ₁₅ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
931.51485	[M+H] ⁺	RVYIHPF	Peptide	Angiotensin standards (human)
933.57573	[AB ₁₆ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
935.59138	[AB ₁₁ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
937.49802	[A ₂₀ B+K] ⁺	[C ₂ H ₄ O] _n H ₂ O	PEG	Polyethylene glycol, ubiquitous polyether
937.60703	[AB ₁₁ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
939.62268	[AB ₁₆ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
941.56556	[AB ₁₃ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
947.59138	[AB ₁₆ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
947.68768	[A ₁₆ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
950.47305	[M+H] ⁺	YVNWIQQ	Peptide	trypsin-like artefact, truncated
953.60194	[AB ₁₂ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
953.63833	[AB ₁₆ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
955.62000	[AB ₁₇ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
969.63565	[AB ₁₇ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
969.66963	[A ₁₆ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
973.53129	[M+H] ⁺	IEISELNR	Peptide	keratin (human)
977.60194	[AB ₁₇ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
979.50949	[M+H] ⁺	GTSYPDLVK	Peptide	bovine trypsin
979.61759	[AB ₁₂ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
981.63324	[AB ₁₂ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
983.64889	[AB ₁₇ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
985.59177	[AB ₁₄ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
985.64356	[A ₁₆ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
991.61759	[AB ₁₇ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
994.15551	[M ₅ -H ₂ O-2H+3Na] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster
995.51966	[M+H] ⁺	IKEWYEK	Peptide	keratin
997.62816	[AB ₁₃ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
997.66454	[AB ₁₇ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
999.64621	[AB ₁₈ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
1000.56734	[M+H] ⁺	LQAEIEGLK	Peptide	keratin
1002.58299	[M+H] ⁺	LVVSTQTALA, C-terminus	Peptide	bovine serum albumin (BSA)
1003.55309	[M+H] ⁺	SEITELRR	Peptide	keratin
1005.72955	[A ₁₇ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1013.66186	[AB ₁₈ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
1020.50302	[M+H] ⁺	APILSDSSCK	Peptide	bovine trypsin
1020.53604	[M+H] ⁺	SIPYQVSLN	Peptide	trypsin-like artefact, truncated
1021.62816	[AB ₁₈ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
1023.47417	[M+H] ⁺	SSYPGQITGN	Peptide	trypsin-like artefact, truncated
1023.51055	[M+H] ⁺	NEQFISASK	Peptide	bovine trypsin
1023.64381	[AB ₁₃ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1025.65946	[AB ₁₃ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1027.67511	[AB ₁₈ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
1027.71149	[A ₁₇ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1029.61799	[AB ₁₅ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1031.59830	[M+H] ⁺	VLDELTLTK	Peptide	keratin (human)
1033.51603	[M+H] ⁺	TLLEGEESR	Peptide	keratin (human)
1035.64381	[AB ₁₈ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
1036.08277	[M ₅ -2H ₂ O-4H+4Na+K]	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster
1036.53229	[M+H] ⁺	IRDWYQR	Peptide	keratin
1037.52620	[M+H] ⁺	YLDGLTAER	Peptide	keratin (human)
1041.65437	[AB ₁₄ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1041.69076	[AB ₁₈ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
1043.67243	[AB ₁₉ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
1043.68543	[A ₁₇ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1044.11395	[M ₅ -2H+Na+2K] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster
1045.56365	[M+H] ⁺	LSSPATLNSR	Peptide	porcine trypsin
1046.59528	[M+H] ⁺	LKSAASLNSR	Peptide	bovine trypsin
1054.09334	[M ₅ -H ₂ O-4H+4Na+K] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster
1057.68808	[AB ₁₉ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
1060.08789	[M ₅ -2H+3K] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster, pentamer, triply potassiated
1060.56331	[M+H] ⁺	TLLDIDNTR	Peptide	keratin (human)
1063.77141	[A ₁₈ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1064.57349	[M+H] ⁺	DIIRAVGAYS	Peptide	lysyl endopeptidase (Lys-C)
1064.60987	[M+H] ⁺	LASYLDKVR	Peptide	keratin (human)
1065.49934	[M+H] ⁺	STMQELNSR	Peptide	keratin
1065.65437	[AB ₁₉ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
1066.09590	[M ₅ -3H+2K+2Na] ⁺	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster, pentamer, potassiated, sodiated
1066.60439	[M+H] ⁺	FAAFIDKVR	Peptide	keratin (human)
1067.67002	[AB ₁₄ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1069.68567	[AB ₁₄ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1071.60445	[M+H] ⁺	LAGLEEALQK	Peptide	keratin (human)
1071.70132	[AB ₁₉ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
1073.64420	[AB ₁₆ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1079.67002	[AB ₁₉ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
1080.53201	[f+H] ⁺	ISASK (from LGEDNINVVEGNEQF)	Peptide	bovine trypsin, in source fragment
1082.59931	[M+H] ⁺	FASFDKVR	Peptide	keratin (human)
1085.68059	[AB ₁₅ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1085.71697	[AB ₁₉ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
1085.75336	[A ₁₈ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1087.69864	[AB ₂₀ +H] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
1090.53097	[M+H] ⁺	VTMQNLNDR	Peptide	keratin (human)
1091.54800	[M+H] ⁺	GNEQFINAAK	Peptide	porcine trypsin
1101.71429	[AB ₂₀ +H] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
1101.72729	[A ₁₈ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1109.48982	[M+H] ⁺	DAEAWFNEK	Peptide	keratin (human)
1109.68059	[AB ₂₀ +Na] ⁺	[C ₁₄ H ₂₂ O][C ₂ H ₄ O] _n	Triton	X-100, X-114, X-405, or X-45 Detergents
1111.56048	[M+H] ⁺	VCNYVSWIK	Peptide	bovine trypsin
1111.69624	[AB ₁₅ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1113.71189	[AB ₁₅ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1115.72754	[AB ₂₀ +Na] ⁺	[C ₁₄ H ₂₈ O][C ₂ H ₄ O] _n	Triton, reduced	X-100R, X-114R, X-405R, or X-45R Detergents
1117.67042	[AB ₁₇ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1118.50860	[M+H] ⁺	HGNSHQGEP	Peptide	keratin (human)
1121.58372	[M+H] ⁺	QEYEQLIAK	Peptide	keratin (human)
1121.81328	[A ₁₉ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1123.69624	[AB ₂₀ +Na] ⁺	[C ₁₅ H ₂₄ O][C ₂ H ₄ O] _n	Triton	101 Detergents
1126.56399	[M+H] ⁺	IITHPNFNGN	Peptide	porcine trypsin, methylated, truncated
1129.62117	[M+H] ⁺	LSELEALQR	Peptide	Keratin
1129.70680	[AB ₁₆ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1129.74319	[AB ₂₀ +Na] ⁺	[C ₁₅ H ₃₀ O][C ₂ H ₄ O] _n	Triton, reduced	101R Detergents
1141.51941	[M+H] ⁺	DYQELMNTK	Peptide	Keratin
1143.55031	[M+H] ⁺	VCNYVSWIK (W - oxid.)	Peptide	bovine trypsin
1143.79522	[A ₁₉ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1153.57354	[M+H] ⁺	SSGTSYPDLK	Peptide	bovine trypsin
1155.72245	[AB ₁₆ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1157.59093	[M+H] ⁺	QGVADADINGLR	Peptide	keratin (human)
1157.73810	[AB ₁₆ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1159.76916	[A ₁₉ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1161.69663	[AB ₁₈ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1165.58478	[M+H] ⁺	LENEIQTYR	Peptide	keratin (human)
1168.58194	[M+H] ⁺	VC _{cam} NYVSWIK	Peptide	bovine trypsin
1173.73302	[AB ₁₇ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1175.52238	[M+H] ⁺	MFCAGYLEGGK	Peptide	bovine trypsin
1175.63404	[M+H] ⁺	TLDNDIMLIK	Peptide	porcine trypsin
1179.60043	[M+H] ⁺	YEELQITAGR	Peptide	keratin (human)
1179.85514	[A ₂₀ B+H] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
1183.61574	[M+H] ⁺	NVEIDPEIQK	Peptide	keratin (human)
1190.60855	[M+H] ⁺	QVLDNLTMEK	Peptide	keratin
1191.51730	[M+H] ⁺	M _{ox} FCAGYLEGGK	Peptide	bovine trypsin
1191.62896	[M+H] ⁺	TLDNDIM _{ox} LIK	Peptide	porcine trypsin
1193.61608	[M+H] ⁺	YEELQVTVGR	Peptide	keratin (human)
1199.74867	[AB ₁₇ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1200.57177	[M+H] ⁺	VC _{cam} NYVSWIK (W - oxid.)	Peptide	bovine trypsin
1201.76432	[AB ₁₇ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1201.83709	[A ₂₀ B+Na] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1203.64019	[M+H] ⁺	TLDNDIMLIR	Peptide	trypsin-like artefact
1205.72285	[AB ₁₉ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1208.61574	[M+H] ⁺	TAAENDFVTLK	Peptide	keratin (human)
1210.59501	[M+H] ⁺	SSGGTSYPDVLK	Peptide	keratin (human)
1210.59501	[M+H] ⁺	SSGGTSYPDVLK	Peptide	bovine trypsin
1217.75923	[AB ₁₈ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1217.81102	[A ₂₀ B+K] ⁺	[C ₃ H ₆ O] _n H ₂ O	PPG	Polypropylene glycol, ubiquitous polyether
1219.63510	[M+H] ⁺	TLDNDIM _{ox} LIR	Peptide	trypsin-like artefact
1220.59059	[M+H] ⁺	EGNEQFINAAK	Peptide	porcine trypsin
1225.12537	[M ₆ -2H ₂ O-4H+4Na+K]	C ₁₀ H ₇ NO ₃	4-HCCA	matrix cluster, hexamer, potassiated, sodiated
1229.80022	[M ₂ +H] ⁺	C ₃₂ H ₅₈ N ₂ O ₇ S	CHAPS	3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate
1232.54385	[M+H] ⁺	MFC _{cam} AGYLEGGK	Peptide	bovine trypsin
1232.59780	[M+H] ⁺	SGGGGGGGLSGGSIR	Peptide	keratin (human)
1235.52873	[M+H] ⁺	FSSSSGYGGSSR	Peptide	keratin (human)
1243.77488	[AB ₁₈ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1245.79053	[AB ₁₈ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1248.53876	[M+H] ⁺	M _{ox} FC _{cam} AGYLEGGK	Peptide	bovine trypsin
1249.74906	[AB ₂₀ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1251.70959	[M+H] ⁺	YIPIQYVLSR	Peptide	bovine casein alpha-S1
1254.60730	[M+H] ⁺	GFSSGSAVSSGSSR	Peptide	keratin (human)
1261.78545	[AB ₁₉ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1262.59714	[M+H] ⁺	SLLEGESSGGGGR	Peptide	keratin
1262.75793	[M+H] ⁺	LLHG VATVSLPR	Peptide	trypsin-like artefact
1265.63721	[M+H] ⁺	TNAENEFVIK	Peptide	keratin (human)
1267.70450	[M+H] ⁺	YLGYLEQLLR	Peptide	bovine casein alpha-S1
1277.63319	[M+H] ⁺	SDQSRLDSELK	Peptide	keratin (human)
1277.70998	[M+H] ⁺	LALDIEIATYR	Peptide	keratin (human)
1278.58553	[M+H] ⁺	GSC _{cam} GIGGGIGGGSSR	Peptide	keratin
1278.64369	[M+H] ⁺	YEQLAEQNRK	Peptide	keratin (human)
1282.66912	[M+H] ⁺	DRVYVHPFHL	Peptide	Angiotensin standards (bovine)
1287.80110	[AB ₁₉ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1289.81675	[AB ₁₉ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1293.77528	[AB ₂₁ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1296.68477	[M+H] ⁺	DRVYIHPFHL	Peptide	Angiotensin standards (human)

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
1301.65834	[M+H] ⁺	ALEEANADLEVK	Peptide	keratin
1302.70121	[M+H] ⁺	NSKIEISELNR	Peptide	keratin (human)
1302.71512	[M+H] ⁺	SLDLDSIAEVK	Peptide	keratin (human)
1305.71613	[M+H] ⁺	HLVDEPQNLIK	Peptide	bovine serum albumin (BSA)
1305.81166	[AB ₂₀ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1307.67764	[M+H] ⁺	IKFEMEQLNR	Peptide	keratin (human)
1308.64302	[M+H] ⁺	VEGNEQFISASK	Peptide	bovine trypsin
1308.65426	[M+H] ⁺	NKYEDEINKR	Peptide	keratin (human)
1315.68523	[M+H] ⁺	DQIVDLTVGNK	Peptide	keratin
1316.72425	[M+H] ⁺	TLDNDIMLRL	Peptide	trypsin-like artefact
1320.58283	[M+H] ⁺	HGGGGGGFGGGGFGSR	Peptide	keratin (human)
1323.67255	[M+H] ⁺	IKFEM _{ox} EQNLNR	Peptide	keratin (human)
1329.63933	[M+H] ⁺	NVQDAIADAEQR	Peptide	keratin (human)
1331.82731	[AB ₂₀ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1332.71917	[M+H] ⁺	TLDNDIM _{ox} LRL	Peptide	trypsin-like artefact
1333.84296	[AB ₂₀ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1336.71071	[M+H] ⁺	TAAENDFVTLKK	Peptide	keratin (human)
1337.80149	[AB ₂₂ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1340.66924	[M+H] ⁺	SKAEAESLYQSK	Peptide	keratin
1344.67539	[M+H] ⁺	ASLEAAIADAEQR	Peptide	keratin
1349.83788	[AB ₂₁ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1350.68729	[M+H] ⁺	IGLGRRGGSGGSYGR	Peptide	keratin
1357.69579	[M+H] ⁺	LNDLEDALQQAQ	Peptide	keratin (human)
1357.71825	[M+H] ⁺	QSVEADINGLRR	Peptide	keratin (human)
1365.63933	[M+H] ⁺	SQYEQLAEQNR	Peptide	keratin (human)
1366.69612	[M+H] ⁺	RISNSTSPTSFA	Peptide	lysyl endopeptidase (Lys-C)
1367.67024	[M+H] ⁺	VFTSWTGGGAAASR	Peptide	lysyl endopeptidase (Lys-C)
1371.71144	[M+H] ⁺	LNDLEEALQQAQ	Peptide	keratin (human)
1374.69334	[M+H] ⁺	DLNMDNIVAEIK	Peptide	keratin (human)
1375.85353	[AB ₂₁ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1377.86918	[AB ₂₁ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1381.64817	[M+H] ⁺	ALEESNYELEGK	Peptide	keratin (human)
1381.82771	[AB ₂₃ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1383.69031	[M+H] ⁺	SLNNQFASFIDK	Peptide	keratin (human)
1384.72999	[M+H] ⁺	FFVAPFPEVFGK	Peptide	bovine casein alpha-S1
1390.68087	[M+H] ⁺	QSLEASLAETEGR	Peptide	keratin
1393.73217	[M+H] ⁺	TNAENEFVTIKK	Peptide	keratin (human)
1393.86409	[AB ₂₂ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1399.69262	[M+H] ⁺	TVMENFVAFVDK	Peptide	bovine serum albumin (BSA)
1399.70048	[f+H] ⁺	ESFINNLR (from THNLEPYFESFIN)	Peptide	keratin (human), ion-source fragment
1418.72742	[M+H] ⁺	VDALNDEINFLR	Peptide	keratin
1419.74783	[M+H] ⁺	LEGLTDEINFLR	Peptide	keratin

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
1419.79544	[M+H] ⁺	LGLDIEIATYRR	Peptide	keratin (human)
1419.87974	[AB ₂₂ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1421.89539	[AB ₂₂ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1424.76448	[M+H] ⁺	AAKIITHPNFNGN	Peptide	porcine trypsin, methylated
1425.85392	[AB ₂₄ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1433.72056	[M+H] ⁺	LQGIVSWGSGCAQK	Peptide	bovine trypsin
1434.76996	[M+H] ⁺	IRLENEIQTYR	Peptide	keratin (human)
1437.89031	[AB ₂₃ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1438.74374	[M+H] ⁺	NNQFASFIDKVR	Peptide	keratin (human)
1439.81176	[M+H] ⁺	RHPEYAVSVLLR	Peptide	bovine serum albumin (BSA)
1442.80019	[M+H] ⁺	LPDIFEAQIAGLR	Peptide	keratin
1443.64204	[M+H] ⁺	YIC _{cam} DNQDTISSK	Peptide	bovine serum albumin (BSA)
1447.77510	[M+H] ⁺	AIGGGLSSVGGGSSTIK	Peptide	keratin (human)
1449.71548	[M+H] ⁺	LQGIVSWGSGCAQK (W - oxid. I)	Peptide	bovine trypsin
1453.83731	[M+H] ⁺	EVTINQSLPLR	Peptide	keratin
1463.90596	[AB ₂₃ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1465.71039	[M+H] ⁺	LQGIVSWGSGCAQK (W - oxid. II)	Peptide	bovine trypsin
1465.92161	[AB ₂₃ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1469.88014	[AB ₂₅ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1475.74888	[M+H] ⁺	WELLQQVDTSTR	Peptide	keratin (human)
1475.78527	[M+H] ⁺	FLEQQNQVLQTK	Peptide	keratin (human)
1476.80567	[M+H] ⁺	FLEQQNKVLETK	Peptide	keratin
1479.79544	[M+H] ⁺	LGEYGFQNALIVR	Peptide	bovine serum albumin (BSA)
1481.91652	[AB ₂₄ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1490.74203	[M+H] ⁺	LQGIVSWGSGC _{cam} AQK	Peptide	bovine trypsin
1491.74380	[M+H] ⁺	WELLQQVDTSTR (W - oxid. I)	Peptide	keratin (human)
1491.75185	[M+H] ⁺	FYAPELLEYANK	Peptide	bovine serum albumin (BSA)
1493.59953	[M+H] ⁺	SCQGDSSGGPVVCSGK ox. S-S bo	Peptide	porcine trypsin
1493.73430	[M+H] ⁺	SQYEQLAEQNRK	Peptide	keratin (human)
1495.61518	[M+H] ⁺	DSCQGDSSGGPVVCSGK	Peptide	bovine trypsin
1507.73872	[M+H] ⁺	WELLQQVDTSTR (W - oxid. II)	Peptide	keratin (human)
1507.93217	[AB ₂₄ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1509.94782	[AB ₂₄ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1513.90635	[AB ₂₆ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1521.75436	[M+H] ⁺	NVVEGNEQFISASK	Peptide	bovine trypsin
1522.73186	[M+H] ⁺	LQGIVSW _{ox} GSGC _{cam} AQK	Peptide	bovine trypsin
1525.94274	[AB ₂₅ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1549.67720	[M+H] ⁺	SGGGGGGGGC _{cam} GGGGGVSSLF	Peptide	keratin
1551.95839	[AB ₂₅ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1553.97404	[AB ₂₅ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1557.93257	[AB ₂₇ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
1566.73944	[M+H] ⁺	LGEHNIDVLEGNEQ	Peptide	porcine trypsin, truncated
1567.74274	[M+H] ⁺	DAFLGSFLYEYSR	Peptide	bovine serum albumin (BSA)
1569.96895	[AB ₂₆ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1585.75840	[M+H] ⁺	VQALEEANNDLENK	Peptide	keratin (human)
1595.98460	[AB ₂₆ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1598.00025	[AB ₂₆ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1599.83368	[M+H] ⁺	NKLNLDLEDALQQAK	Peptide	keratin
1601.95878	[AB ₂₈ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1613.99517	[AB ₂₇ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1623.88532	[M+H] ⁺	EQFINAAKIITHPN	Peptide	porcine trypsin, methylated
1638.76566	[M+H] ⁺	SLNNQFASFIDKVR	Peptide	keratin (human)
1640.01082	[AB ₂₇ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1639.93775	[M+H] ⁺	KVPQVSTPTLVEVSR	Peptide	bovine serum albumin (BSA)
1642.02647	[AB ₂₇ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1645.98500	[AB ₂₉ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1657.79287	[M+H] ⁺	SGGGFSSGSAGIINYQR	Peptide	keratin (human)
1658.02138	[AB ₂₈ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1665.90443	[M+H] ⁺	TKPSQARGFHPRAGR	Peptide	keratin (human)
1676.77623	[M+H] ⁺	LGEDNINVEGNEQF	Peptide	bovine trypsin
1684.03703	[AB ₂₈ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1686.05268	[AB ₂₈ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1687.97011	[M+H] ⁺	SLVNLGGSKSISIVAR	Peptide	keratin (human)
1690.01121	[AB ₃₀ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1702.04760	[AB ₂₉ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1707.77214	[M+H] ⁺	GSLGGGFSSGGFSGGSFSR	Peptide	keratin (human)
1708.71325	[M+H] ⁺	FSSCGGGGGSFGAGGGFGSR	Peptide	keratin (human)
1713.80785	[M+H] ⁺	LGEHNIDVLEGNEQF	Peptide	porcine trypsin, truncated
1716.85112	[M+H] ⁺	QISNLQQSISDAEQR	Peptide	keratin (human)
1725.86287	[M+H] ⁺	VCNYVSWIKQTIASN	Peptide	bovine trypsin
1728.06325	[AB ₂₉ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1730.07890	[AB ₂₉ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1734.03743	[AB ₃₁ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20
1744.92283	[M+H] ⁺	NNLEPILEGYISNLR	Peptide	keratin (human)
1746.07381	[AB ₃₀ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1757.85270	[M+H] ⁺	VCNYVSWIKQTIASN (W - oxid.)	Peptide	bovine trypsin
1765.73471	[M+H] ⁺	FSSC _{cam} GGGGGSFGAGGGFGSR	Peptide	keratin (human)
1772.08946	[AB ₃₀ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1774.10511	[AB ₃₀ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1774.85026	[M+H] ⁺	SGYTTCGANTVPY & CLK via S-S b	Peptide	bovine trypsin
1774.89700	[M+H] ⁺	NIDVLEGNEQFINAAK	Peptide	porcine trypsin
1778.06364	[AB ₃₂ +Na] ⁺	[C ₁₈ H ₃₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 20

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
1790.10003	[AB ₃₁ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1791.72772	[M+H] ⁺	GSGGSYGGGGSGGGYGGGSGS	Peptide	keratin (human)
1792.87858	[M+H] ⁺	LEAELGNMQGLVEDFK	Peptide	keratin
1797.01165	[M+H] ⁺	NVQALEIELQSQLALK	Peptide	keratin
1816.11568	[AB ₃₁ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1818.13133	[AB ₃₁ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1830.84056	[M+H] ⁺	SDQYGRVFTSWTGGGAAA	Peptide	lysyl endopeptidase (Lys-C)
1834.12624	[AB ₃₂ +Na] ⁺	[C ₂₂ H ₄₂ O ₆][C ₂ H ₄ O] _n	Tween	Tween 40
1837.96542	[M+H] ⁺	HGVQELEIELQSQLSK	Peptide	keratin
1838.91439	[M+H] ⁺	SISISVAGGGGGFGAAGGFGR	Peptide	keratin (human)
1847.80510	[M+H] ⁺	SNMDNMFESYINLR	Peptide	keratin
1851.92693	[M+H] ⁺	TLNDMRQEYEQLIAK	Peptide	keratin
1860.14189	[AB ₃₂ +Na] ⁺	[C ₂₄ H ₄₄ O ₆][C ₂ H ₄ O] _n	Tween	Tween 80
1862.15754	[AB ₃₂ +Na] ⁺	[C ₂₄ H ₄₆ O ₆][C ₂ H ₄ O] _n	Tween	Tween 60
1940.93485	[M+H] ⁺	LGEHNIDVLEGNEQFIN	Peptide	porcine trypsin, truncated, methylated
1987.07801	[M+H] ⁺	LDNDIMLIKLSPPATLN, K methylated	Peptide	porcine trypsin, methylated
1993.97666	[M+H] ⁺	THNLEPYFESFINLR	Peptide	keratin (human)
1993.98253	[M+H] ⁺	SSGSSSVKFVSTTYSYGVTR	Peptide	keratin (human)
2003.07293	[M+H] ⁺	DNDIM _{ox} LIKLSPPATLN, K methylated	Peptide	porcine trypsin, methylated
2021.98868	[M+H] ⁺	SSGSSSVRFVSTTYSYGVTR	Peptide	keratin (human)
2055.01485	[M+H] ⁺	RVLGQLHGGPSSC _{cam} SATGTNR	Peptide	lysyl endopeptidase (Lys-C)
2082.96483	[M+H] ⁺	AETEC _{cam} QNTYQQLLDIK	Peptide	keratin
2083.00908	[M+H] ⁺	LGEHNIDVLEGNEQFINAA	Peptide	porcine trypsin, truncated
2109.01285	[M+H] ⁺	ELQSQISDTSVVLSMDNSR	Peptide	keratin
2150.07777	[M+H] ⁺	THNLEPYFESFINLR	Peptide	keratin (human)
2155.08522	[M+H] ⁺	IITHPNFNGNTLNDIMLI	Peptide	trypsin-like artefact, truncated
2163.05642	[M+H] ⁺	LGEDNINVEGNEQFISASK	Peptide	bovine trypsin
2171.02466	[M+H] ⁺	SDLEMQYETLQEELMALK	Peptide	keratin
2184.12551	[M+H] ⁺	NKLNLDLEDALQQAKEDLAR	Peptide	keratin
2185.03837	[M+Na] ⁺	GEDNINVEGNEQFISASK sodiate	Peptide	bovine trypsin
2193.00248	[M+H] ⁺	GYLEGGK & APILSDSSCK via S-S	Peptide	bovine trypsin
2193.99436	[M+K] ⁺	SAYPGQITSNMFCAGYLEGGK	Peptide	bovine trypsin
2201.01231	[M+H] ⁺	EDNINVEGNEQFISASK potassiate	Peptide	bovine trypsin
2208.99740	[M+H] ⁺	AGYLEGGK & APILSDSSCK via S-S	Peptide	bovine trypsin
2209.98927	[M+H] ⁺	SAYPGQITSNM _{ox} FCAGYLEGGK	Peptide	bovine trypsin
2211.10404	[M+H] ⁺	LGEHNIDVLEGNEQFINAAK	Peptide	porcine trypsin
2225.11969	[M+H] ⁺	NIDVLEGNEQFINAAK, K part. methylated	Peptide	porcine trypsin
2225.15608	[f+H] ⁺	/HPSYNSNTLNNDIM _{ox} LIIK -[CH ₃ SO ₂]	Peptide	bovine trypsin, ion source fragment
2239.13534	[M+H] ⁺	HNIDVLEGNEQFINAAK, K methylated	Peptide	porcine trypsin
2240.16966	[M+H] ⁺	ADLEFQIESLTEELAYLKK	Peptide	keratin
2251.01582	[M+H] ⁺	SAYPGQITSNMFC _{cam} AGYLEGGK	Peptide	bovine trypsin
2267.01074	[M+H] ⁺	AYPGQITSNM _{ox} FCcamAGYLEGGK	Peptide	bovine trypsin

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
2273.15944	[M+H] ⁺	SIVHPSYNSNTLNNDIMLIK	Peptide	bovine trypsin
2283.18018	[M+H] ⁺	IITHPNFNGNTLDNDIMLIK	Peptide	bovine trypsin
2283.18018	[M+H] ⁺	IITHPNFNGNTLDNDIMLIK	Peptide	porcine trypsin
2286.12484	[M+H] ⁺	AEAESLYQSKYEELQITAGR	Peptide	keratin (human)
2289.15437	[M+H] ⁺	VHPSYNSNTLNNDIM _{ox} LIK (M - oxid.)	Peptide	bovine trypsin
2295.14139	[M+Na] ⁺	SIVHPSYNSNTLNNDIMLIK sodiate	Peptide	bovine trypsin
2297.19584	[M+H] ⁺	NFNGNTLDNDIMLIK, K part. meth	Peptide	porcine trypsin, methylated
2305.14928	[M+H] ⁺	HPSYNSNTLNNDIM _{oxox} LIK (M - 2 o	Peptide	bovine trypsin
2311.13631	[M+Na] ⁺	SYNSNTLNNDIM _{ox} LIK (M - oxid.) s	Peptide	bovine trypsin
2321.20707	[M+H] ⁺	LQGIVSWGSGCAQKNKPGVYTK	Peptide	bovine trypsin
2329.17425	[M+H] ⁺	QISNLQQSISDAEQRGENALK	Peptide	keratin
2343.18901	[M+Na] ⁺	SIVSWGSGCAQKNKPGVYTK sodi	Peptide	bovine trypsin
2353.19690	[M+H] ⁺	IVSWGSGCAQKNKPGVYTK (W -	Peptide	bovine trypsin
2367.26267	[M+H] ⁺	NQILNLTDDANILLQIDNAR	Peptide	keratin (human)
2375.17884	[M+Na] ⁺	VGSGCAQKNKPGVYTK (W - oxid.	Peptide	bovine trypsin
2383.95186	[M+H] ⁺	GYGSGGSSYSGGGSYSGGG	Peptide	keratin (human)
2400.27441	[M+H] ⁺	IHKHPNYSSWTLNNDIMLIK	Peptide	bovine trypsin
2501.06722	[M+H] ⁺	GSGGRGSSSGGGYSSGSSSYGS	Peptide	keratin (human)
2501.25182	[M+H] ⁺	SKAEAESLYQSKYEELQITAGR	Peptide	keratin (human)
2510.13177	[M+H] ⁺	EIETYHNLLEGGQEDFESSGAGK	Peptide	keratin (human)
2514.33847	[M+H] ⁺	SIVHPSYNSNTLNNDIMLIKLK	Peptide	bovine trypsin
2530.33339	[M+H] ⁺	SIVHPSYNSNTLNNDIM _{ox} LIKLK	Peptide	bovine trypsin
2550.23269	[M+H] ⁺	PTSCASAGTQCLISGWGNTK, -S-	Peptide	bovine trypsin
2552.24834	[M+H] ⁺	ASISLPTSCASAGTQCLISGWGNT	Peptide	bovine trypsin
2564.18093	[M+H] ⁺	FCGGLINSQWVVSAAHCYK, -S-	Peptide	porcine trypsin, methylated
2564.36786	[M+H] ⁺	EVTQLRHGVQELEIELQSQLSK	Peptide	keratin
2566.27838	[M+H] ⁺	SKEEAEALYHSHYEELQVTVGR	Peptide	keratin (human)
2581.19473	[M+H] ⁺	GEC _{cam} APNVSVSVSTSHHTISGGG	Peptide	keratin
2612.18093	[M+H] ⁺	FCGGLINSQWVVSAAHCYK, -S-	Peptide	bovine trypsin
2613.34938	[M+H] ⁺	NKPGVYTKVCNYSVSWIKQTIASN	Peptide	bovine trypsin
2614.19658	[M+H] ⁺	GYHFCGGLINSQWVVSAAHCYK	Peptide	bovine trypsin
2666.29127	[M+H] ⁺	ISLPTSC _{cam} ASAGTQC _{cam} LISGWG	Peptide	bovine trypsin
2670.37084	[M+H] ⁺	NKPGVYTKVC _{cam} NYVSWIKQTIAS	Peptide	bovine trypsin
2705.16112	[M+H] ⁺	FGYSYGGGSGGGFSASSLGGGF	Peptide	keratin
2707.41621	[M+H] ⁺	IQVRLGEHNIDVLEGNEQFINAAK	Peptide	porcine trypsin, methylated
2720.36337	[M+H] ⁺	AAN & TKSSGSSYPSLLQCLK, via	Peptide	porcine trypsin, methylated
2728.23951	[M+H] ⁺	YHFC _{cam} GGSLINSQWVVSAAHC _{ca}	Peptide	bovine trypsin
2746.41925	[M+H] ⁺	YC _{cam} VQLSQIQAQISALEEQLQQIF	Peptide	keratin
2748.39467	[M+H] ⁺	& TKSSGSSYPSLLQCLK, via S-S bond,	Peptide	porcine trypsin, methylated
2807.31407	[M+H] ⁺	CGGLINSQWVVSAAHCYKSR, -S-	Peptide	porcine trypsin, methylated
2872.39278	[M+H] ⁺	STGDVNVEMNAAPGVDLTQLLNN	Peptide	keratin

Monoisotopic ion mass (singly charged)	Ion type	Formula for M or subunit or sequence	Compound ID or species	Possible origin and other comments
2902.41052	[M+H] ⁺	NYSPYYNTIDDLKQIVDLTVGNNK	Peptide	keratin
2904.38261	[M+H] ⁺	TGDEVNEM _{ox} NAAPGVDLTQLLNN	Peptide	keratin
2914.50576	[M+H] ⁺	IDVLEGNEQFINAAKIITHPN, K me	Peptide	porcine trypsin, methylated
2932.51632	[M+H] ⁺	FLEQQNQVLQTKWELLQQVDTSTF	Peptide	keratin (human)
3211.47446	[M+H] ⁺	NMFCAGYLEGGK & APILSDSSCK	Peptide	bovine trypsin
3223.28159	[M+H] ⁺	GSGFGGESGGSYGGGEEASGSG	Peptide	keratin
3227.46937	[M+H] ⁺	M _{ox} FCAGYLEGGK & APILSDSSCK	Peptide	bovine trypsin
3312.30814	[M+H] ⁺	YSGGGGSYSGGGGGGHGSYG	Peptide	keratin (human)
3337.73214	[M+H] ⁺	HPNFNGNTLDNDIMLIRLSSPATLN	Peptide	trypsin-like artefact, truncated
3346.68149	[M+H] ⁺	VLEGNEQFINAAKIITHPNFNGN, K	Peptide	porcine trypsin, methylated
3353.72706	[M+H] ⁺	PNFNGNTLDNDIM _{ox} LIRLSSPATLN	Peptide	trypsin-like artefact, truncated