

Support information

Dimeric γ -AApeptides with potent and selective antibacterial activity

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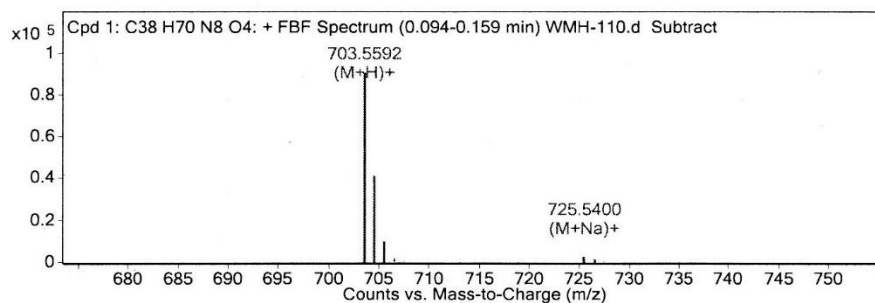
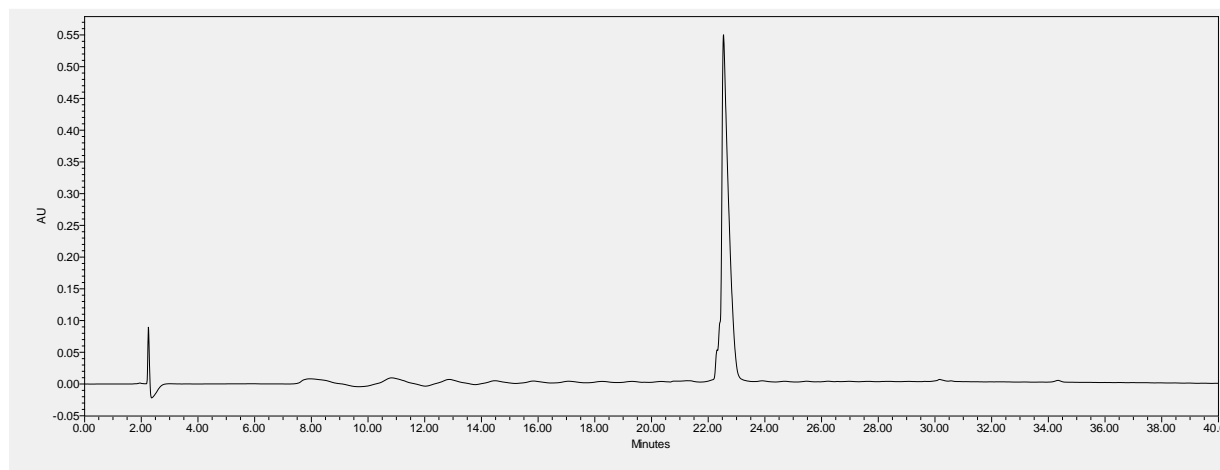
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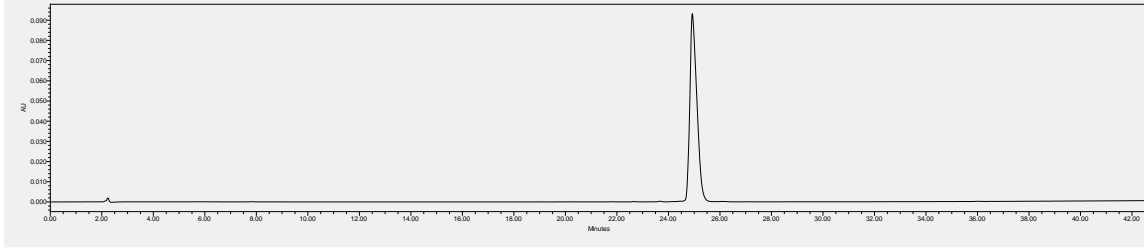
³College of Pharmacy, University of South Florida, Tampa, FL, USA.

HPLC and HRMS spectra of compounds 1–14

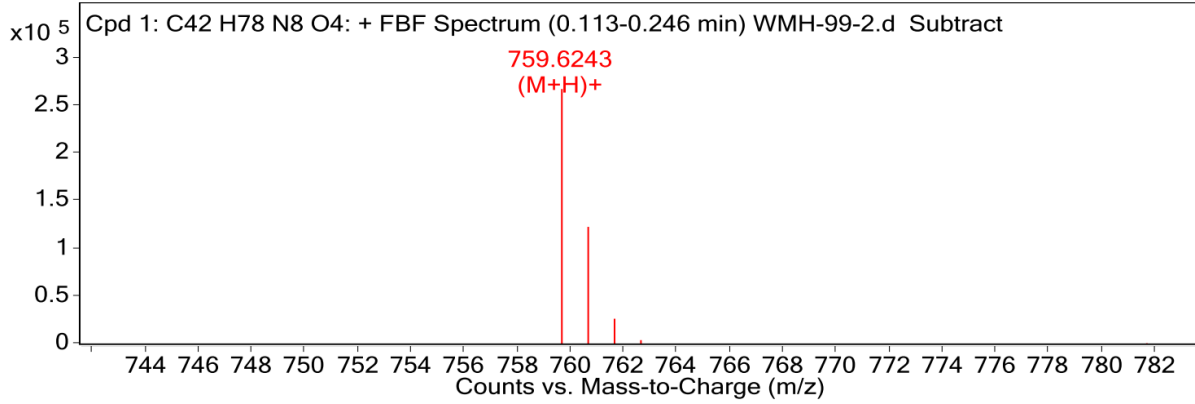
Compound 1



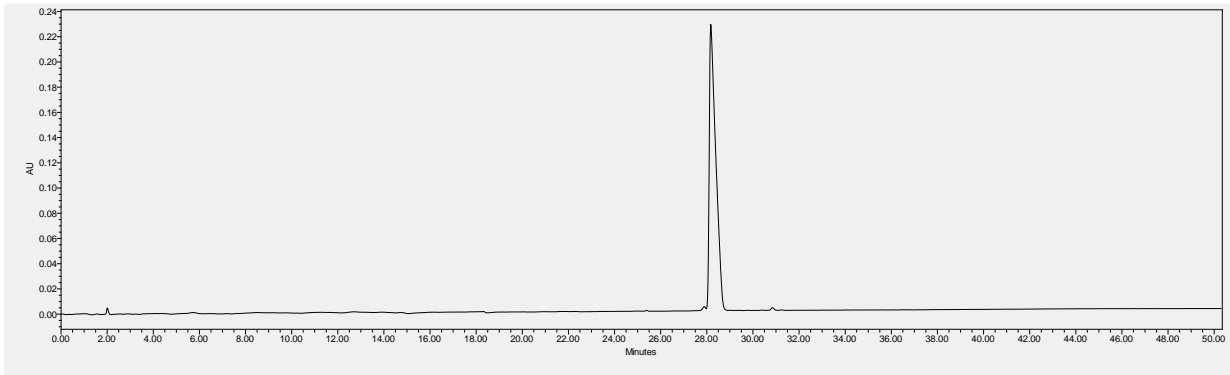
Compound 2



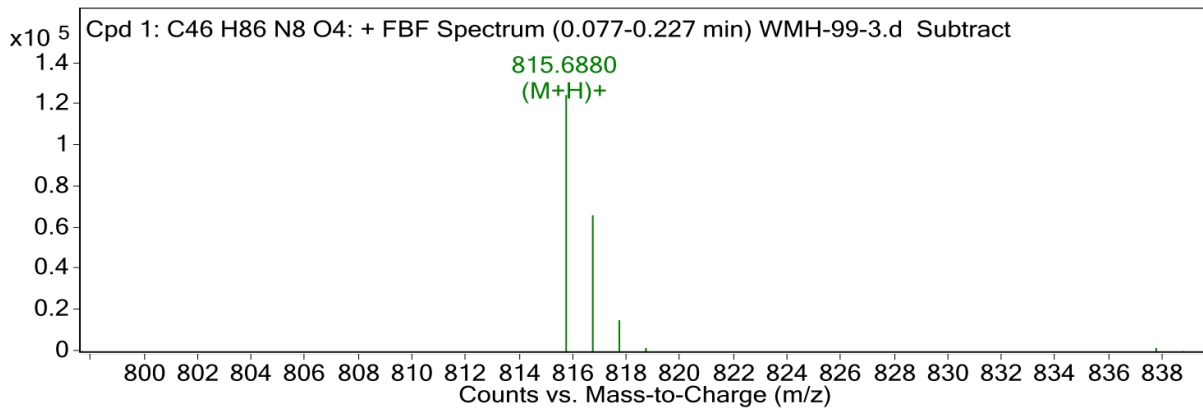
MS Spectrum



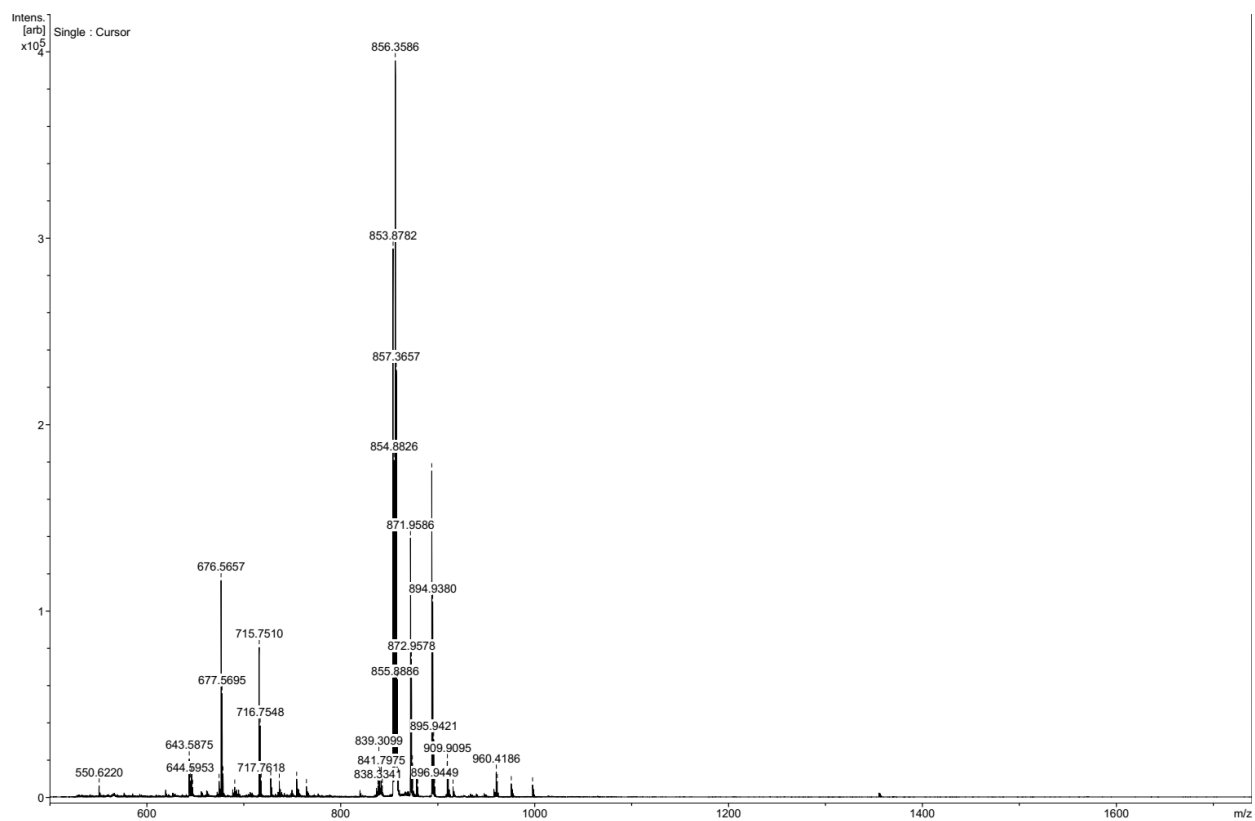
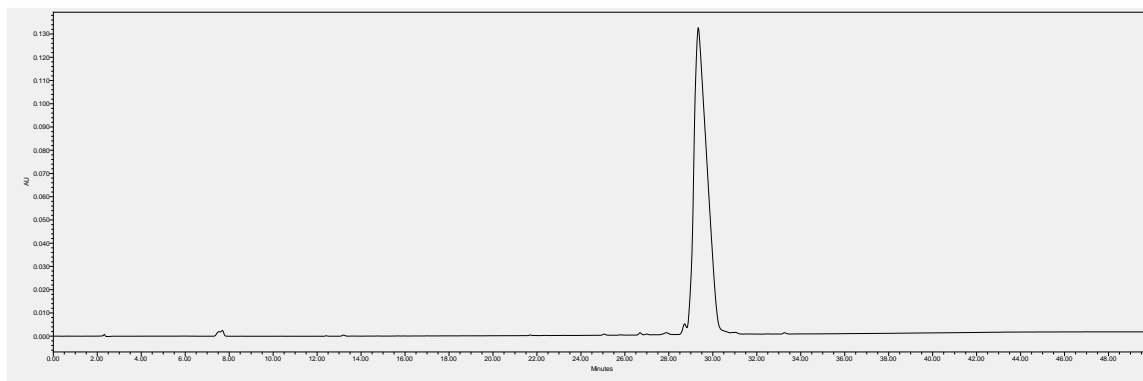
Compound 3



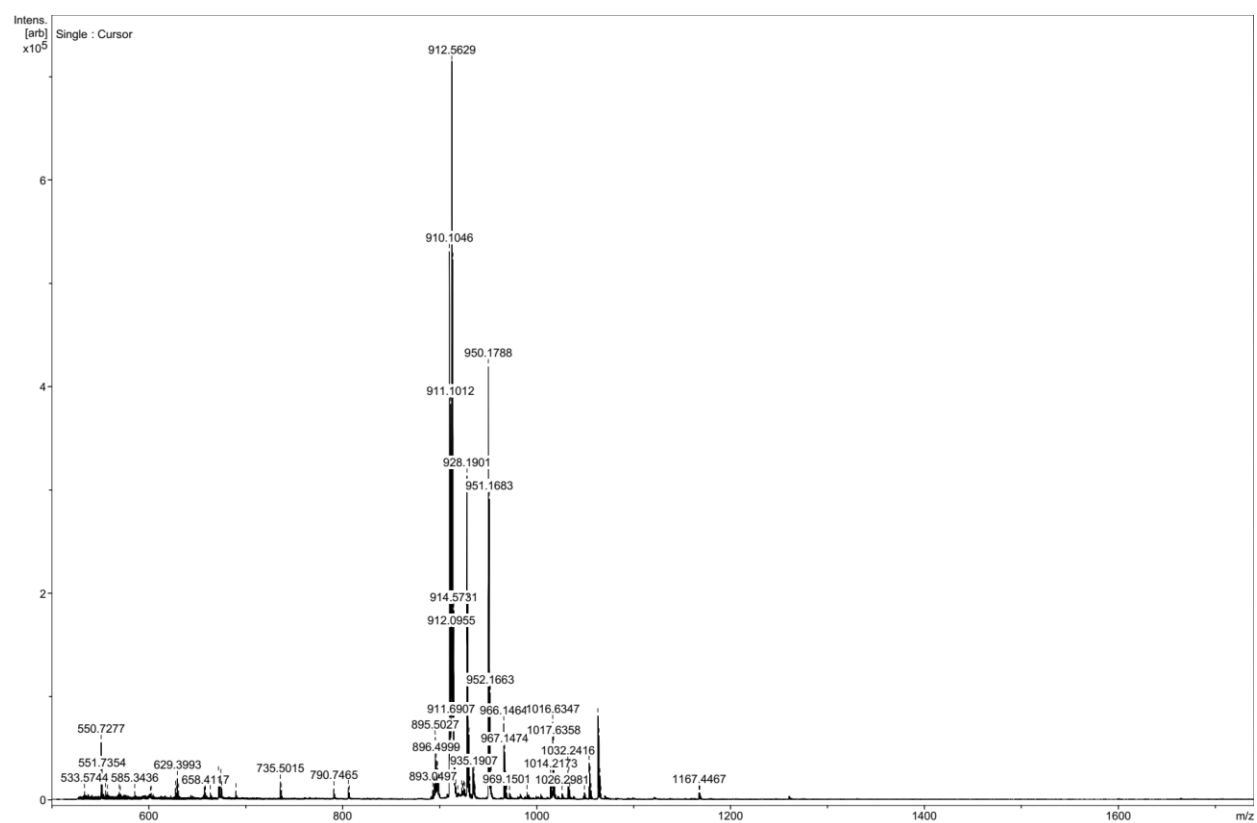
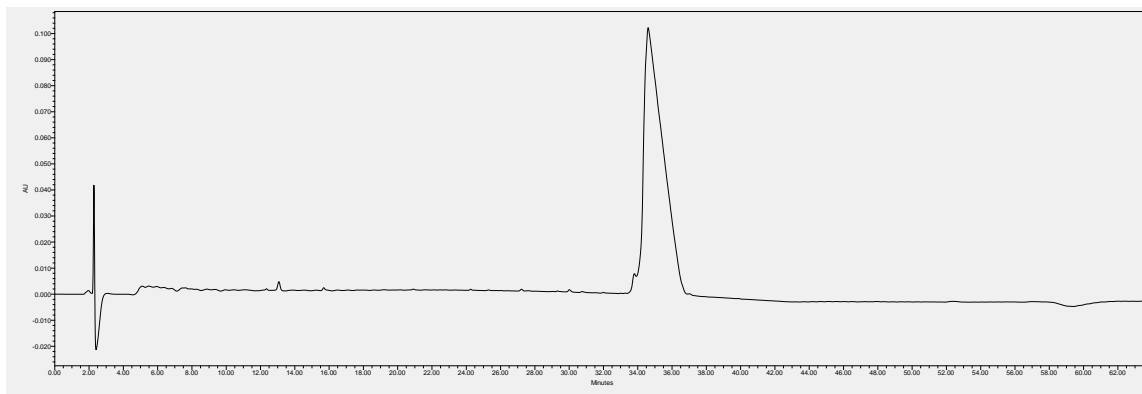
MS Spectrum



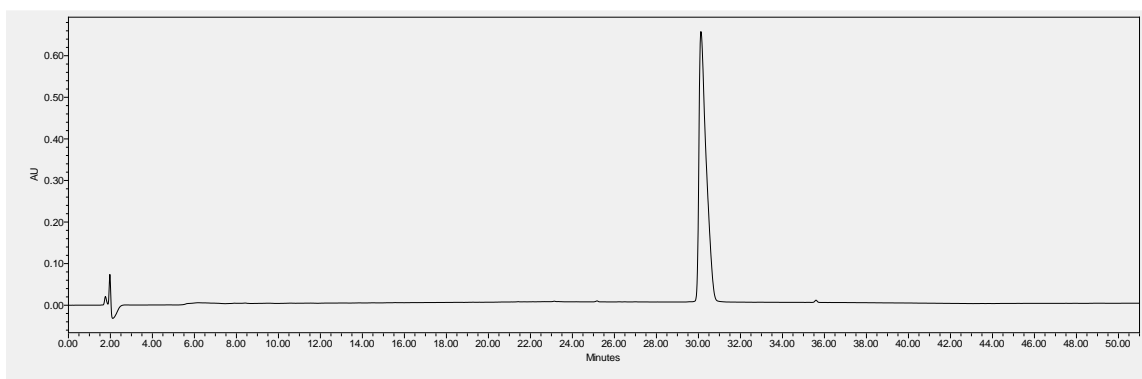
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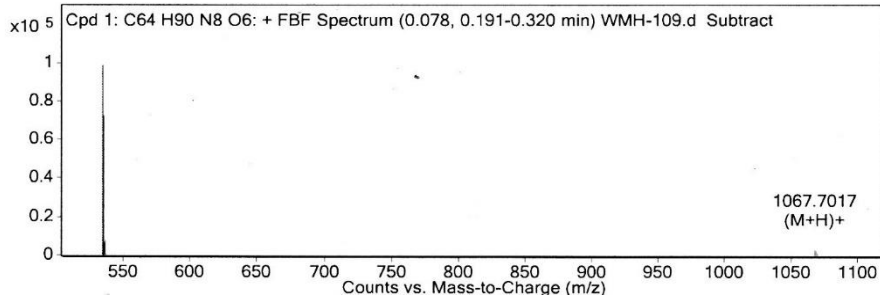


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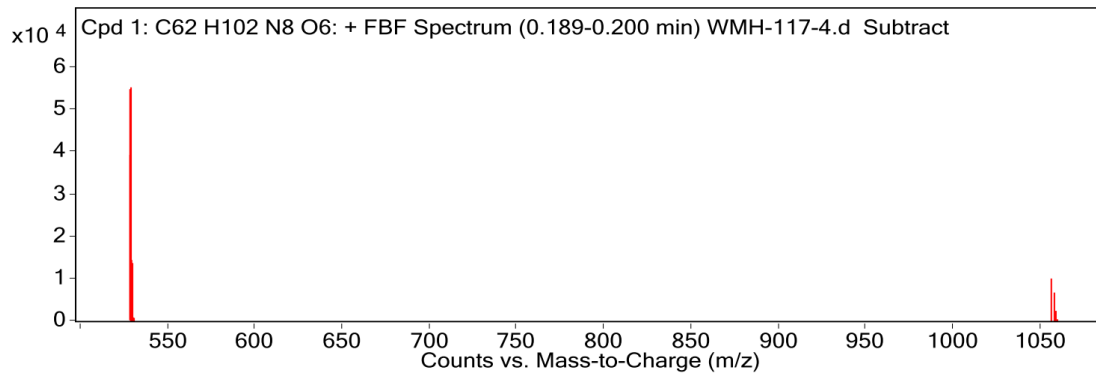
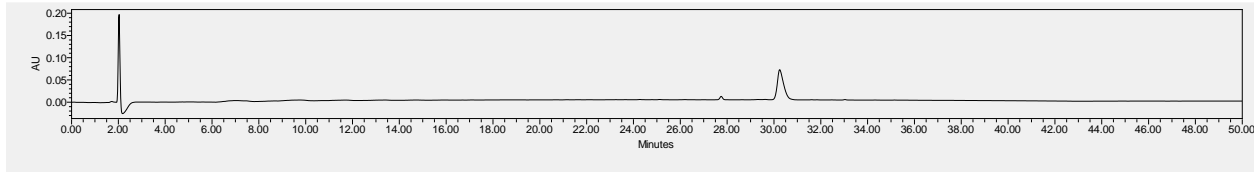


Compound 6





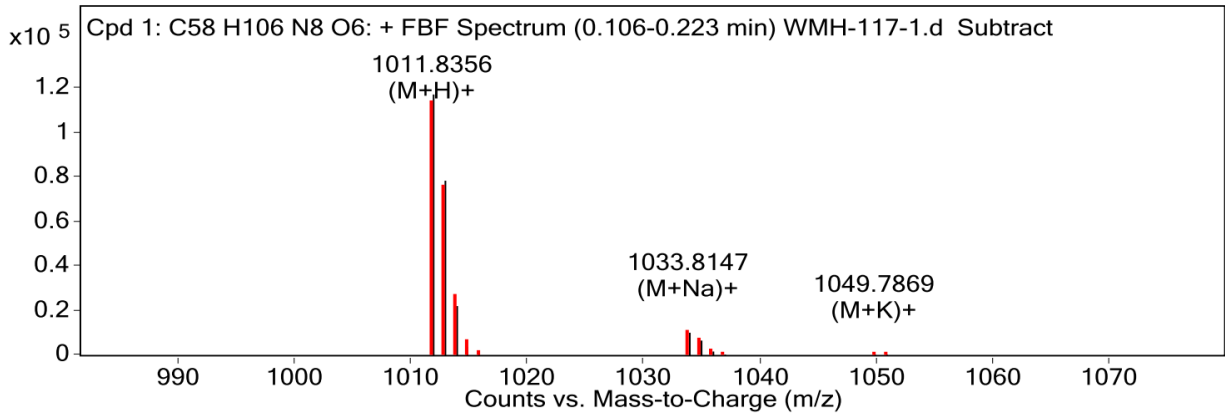
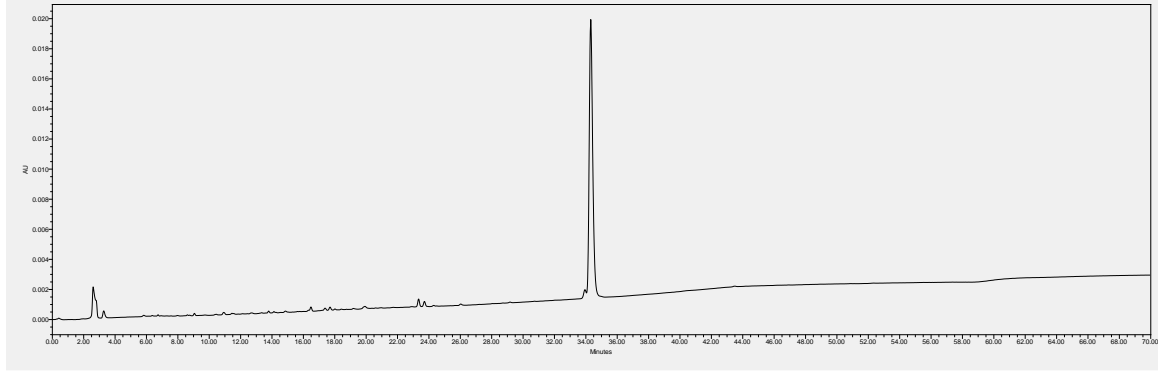
Compound 7



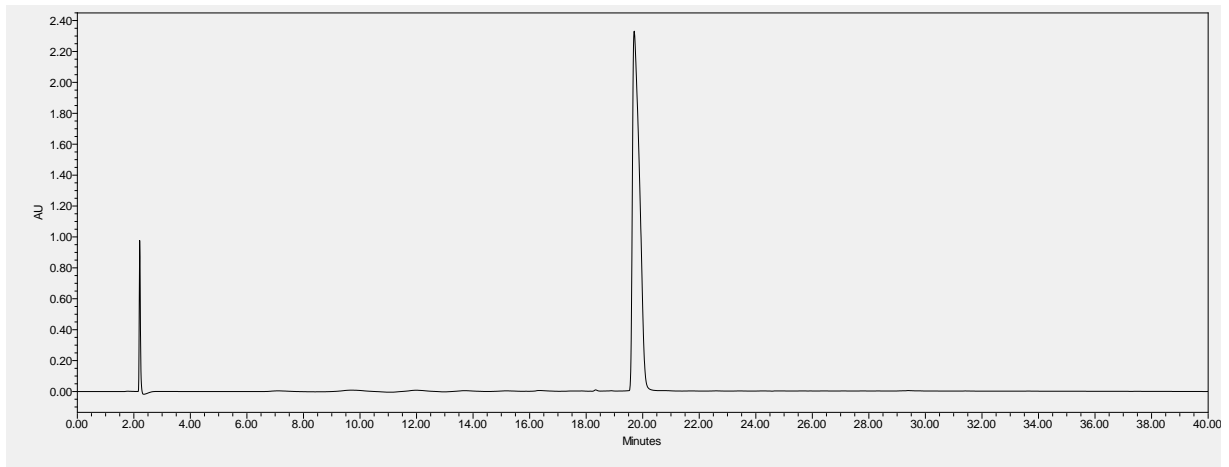
MS Spectrum Peak List

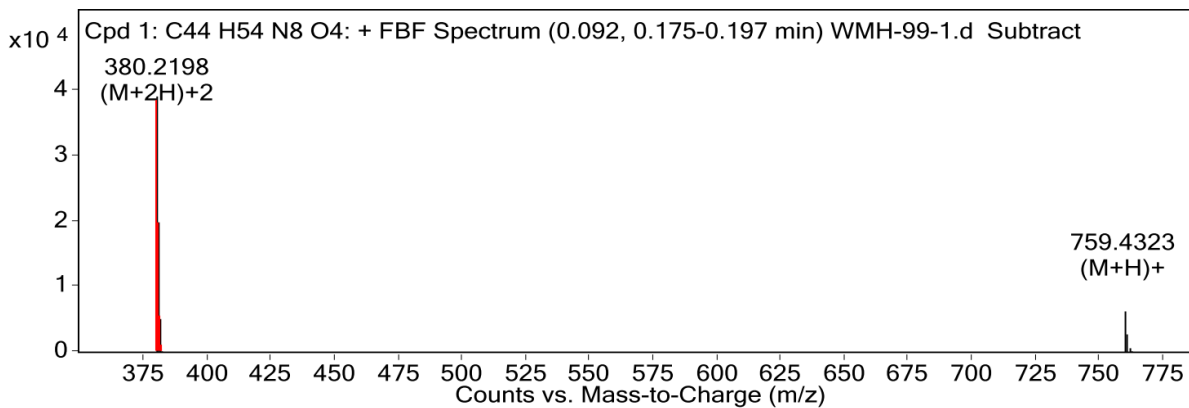
<i>m/z</i>	<i>z</i>	Abund	Formula	Ion
528.4021	2	55460.61	C62H104N8O6	(M+2H)+2
528.9037	2	38861.81	C62H104N8O6	(M+2H)+2
529.4046	2	13896.05	C62H104N8O6	(M+2H)+2
529.9064	2	3295.72	C62H104N8O6	(M+2H)+2
530.4075	2	870.34	C62H104N8O6	(M+2H)+2
1055.7969	1	10433.45	C62H103N8O6	(M+H)+
1056.7993	1	7029.73	C62H103N8O6	(M+H)+
1057.801	1	2792.69	C62H103N8O6	(M+H)+
1058.8021	1	565.24	C62H103N8O6	(M+H)+
1059.8093	1	72.43	C62H103N8O6	(M+H)+

Compound 8

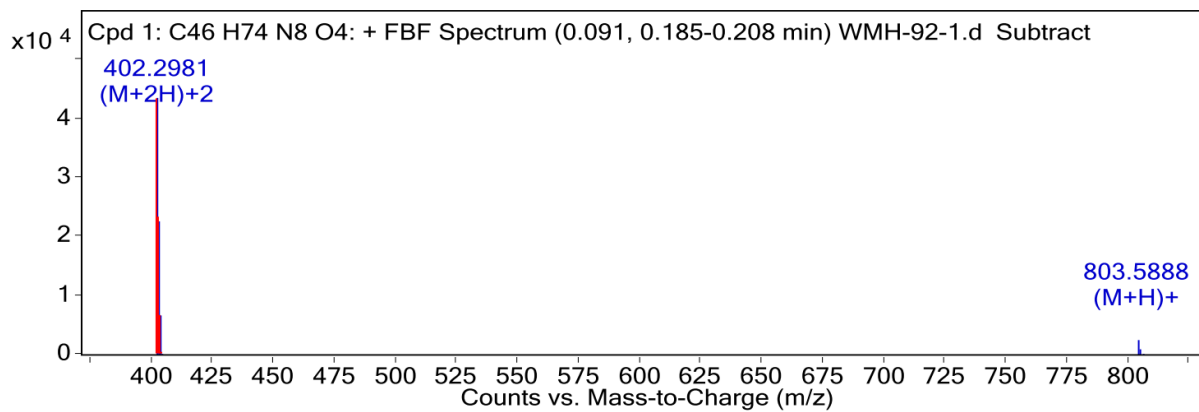
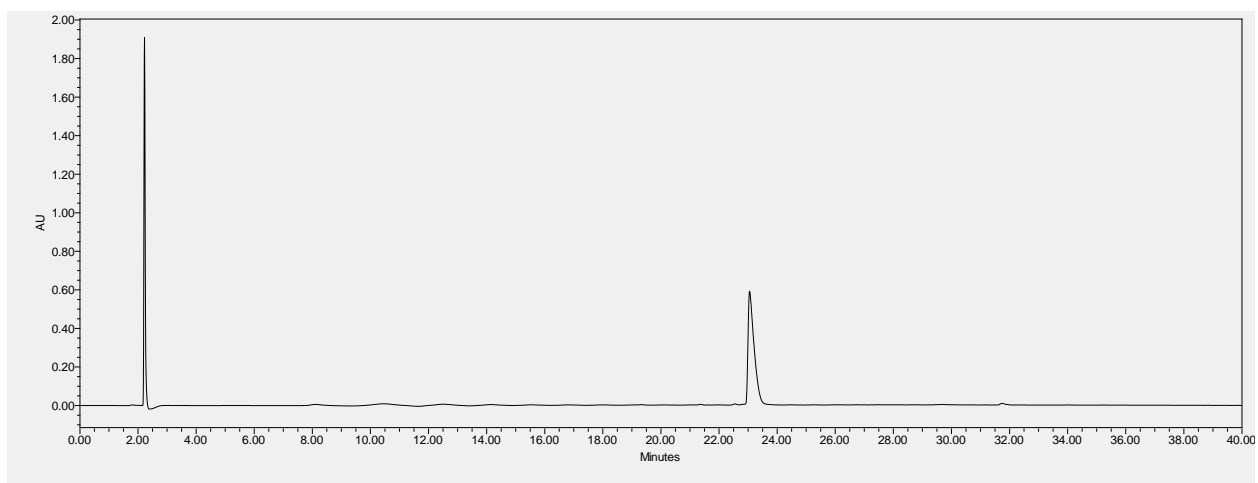


Compound 9

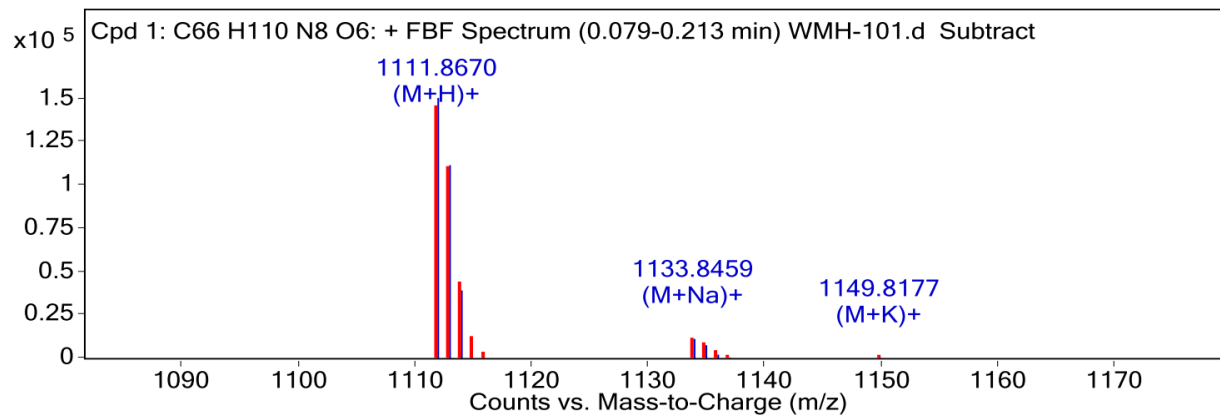
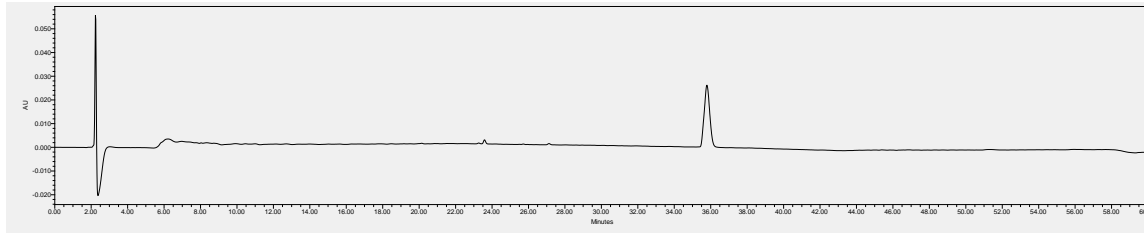




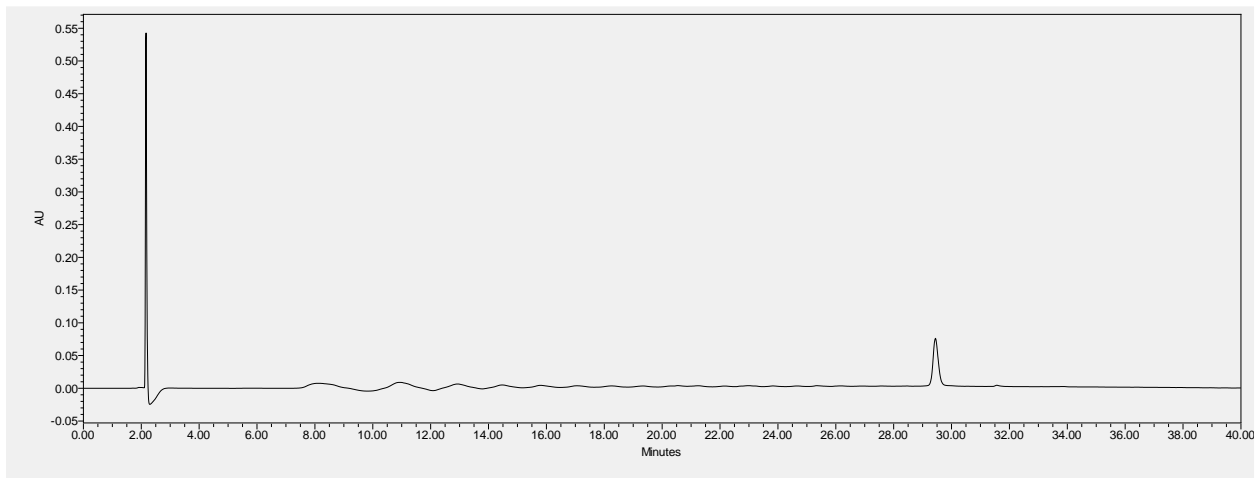
Compound 10

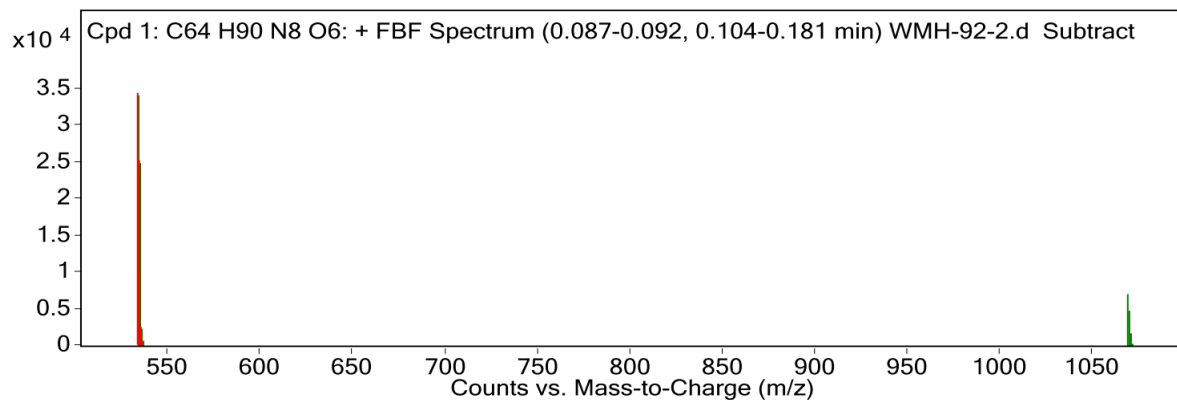


Compound 11



Compound 12

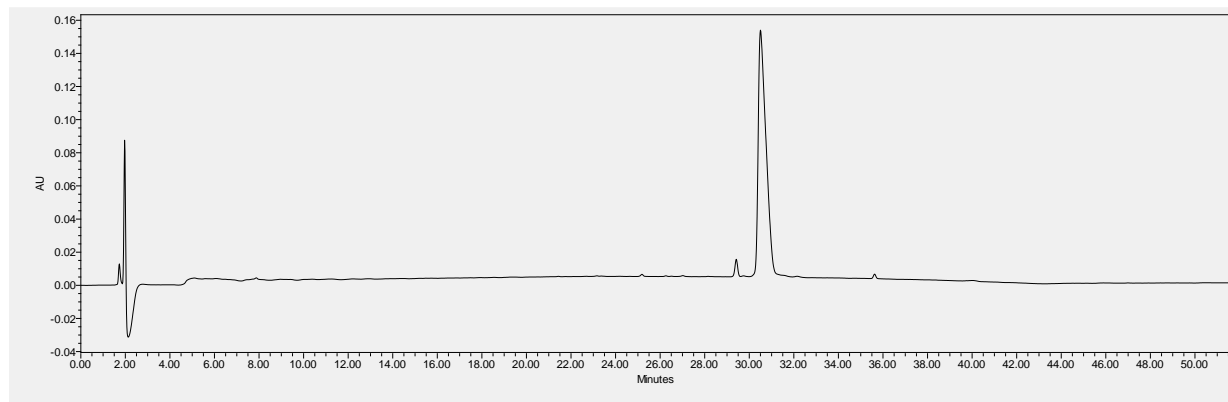


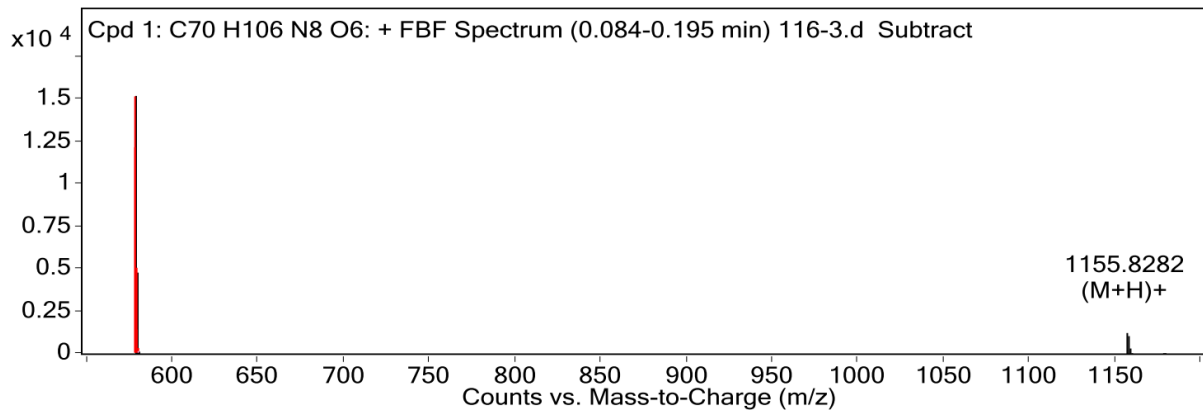


MS Spectrum Peak List

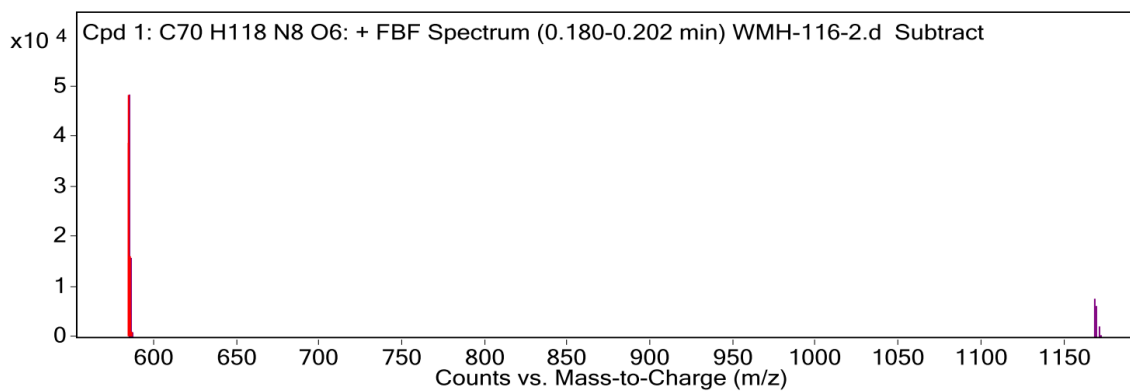
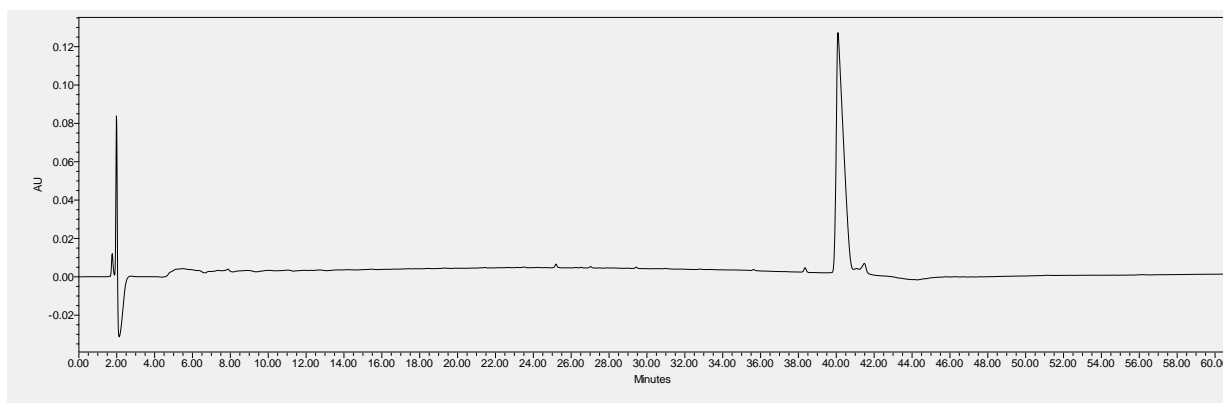
m/z	z	Abund	Formula	Ion
534.355	2	34149.53	C ₆₄ H ₉₂ N ₈ O ₆	(M+2H) ²⁺
534.8564	2	24870.26	C ₆₄ H ₉₂ N ₈ O ₆	(M+2H) ²⁺
535.3578	2	9512.24	C ₆₄ H ₉₂ N ₈ O ₆	(M+2H) ²⁺
535.8598	2	2544.69	C ₆₄ H ₉₂ N ₈ O ₆	(M+2H) ²⁺
536.3635	2	750.05	C ₆₄ H ₉₂ N ₈ O ₆	(M+2H) ²⁺
1067.703	1	7232.37	C ₆₄ H ₉₁ N ₈ O ₆	(M+H) ⁺
1068.7055	1	4829.71	C ₆₄ H ₉₁ N ₈ O ₆	(M+H) ⁺
1069.7082	1	1799.24	C ₆₄ H ₉₁ N ₈ O ₆	(M+H) ⁺
1070.7105	1	390.43	C ₆₄ H ₉₁ N ₈ O ₆	(M+H) ⁺
1071.7118	1	66.57	C ₆₄ H ₉₁ N ₈ O ₆	(M+H) ⁺

Compound 13





Compound 14



MS Spectrum Peak List

m/z	z	Abund	Formula	Ion
584.4647	2	48529.57	C70H120N8O6	(M+2H) ⁺ 2
584.9662	2	38254.34	C70H120N8O6	(M+2H) ⁺ 2
585.4673	2	15949.09	C70H120N8O6	(M+2H) ⁺ 2
585.9697	2	4253.4	C70H120N8O6	(M+2H) ⁺ 2
586.4716	2	1070.64	C70H120N8O6	(M+2H) ⁺ 2
586.9726	2	213.65	C70H120N8O6	(M+2H) ⁺ 2
1167.9215	1	7748.92	C70H119N8O6	(M+H) ⁺
1168.924	1	6465.25	C70H119N8O6	(M+H) ⁺
1169.9276	1	2452.9	C70H119N8O6	(M+H) ⁺
1170.9304	1	635.12	C70H119N8O6	(M+H) ⁺