

Integrated DNA Technologies

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Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502500

Manufacturing ID: 71520181

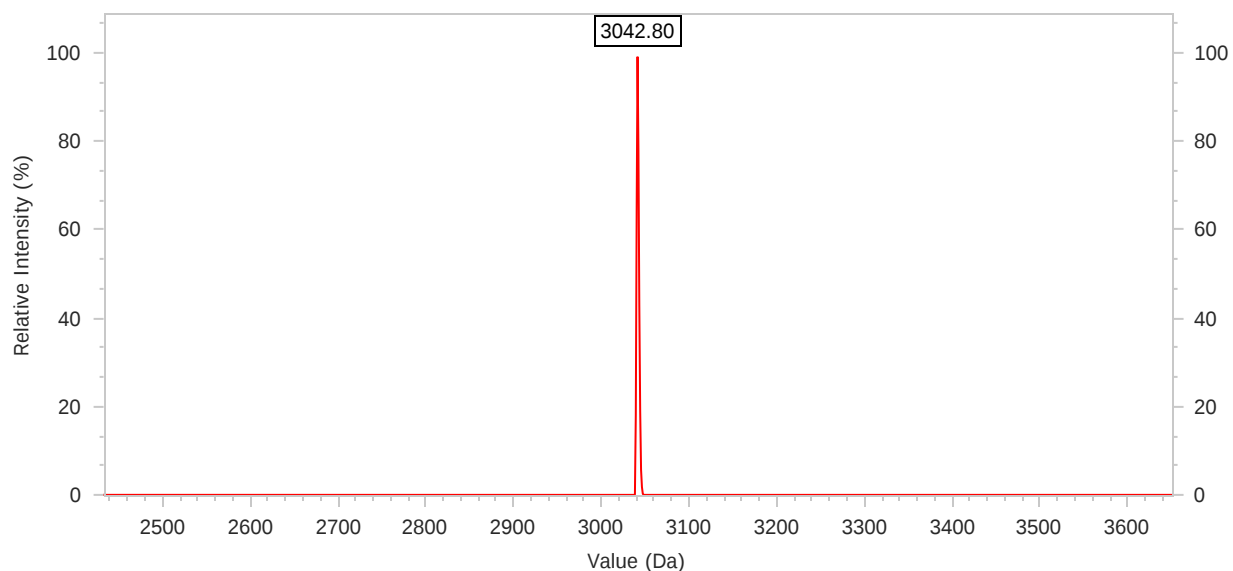
The oligonucleotides containing D-spacer, iso-dG, 2,6-diaminopurine, inosine, and canonical bases were prepared by Integrated DNA Technologies, Inc. (Coralville, IA) and analyzed by HPLC-MS in the following spectra.

Instrument: SD-LTQ-06

Operator ID: 3598860

Acquired: 1/16/2024 7:11 PM

Reviewed: 1/16/2024 9:14 PM



Sequence Name: AS004-AXA-mismatch

Sequence: 5'- CGA TAT TGC G -3'

Calculated Molecular Weight: 3043.0

Measured Molecular Weight: 3042.80

Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502501

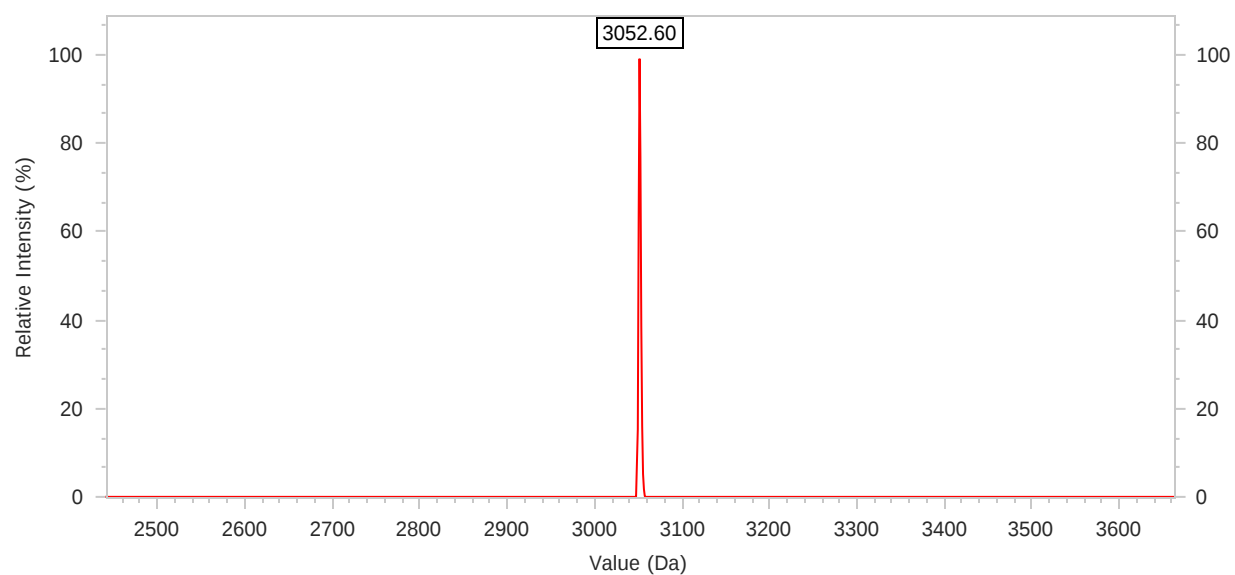
Manufacturing ID: 71520180

Instrument: SD-LTQ-06

Operator ID: 3598860

Acquired: 1/16/2024 7:11 PM

Reviewed: 1/16/2024 9:14 PM



Sequence Name: AS006-GXC-mismatch

Sequence: 5'- CGA GAC TGC G -3'

Calculated Molecular Weight: 3053.0

Measured Molecular Weight: 3052.60

Analytical ESI-MS Report

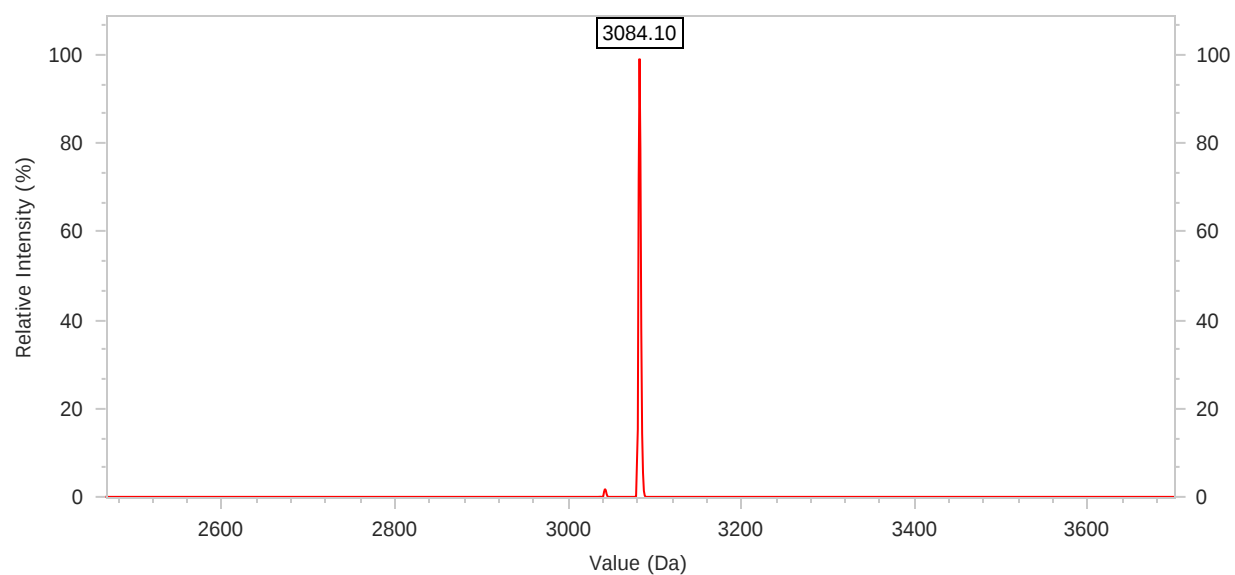
Sales Order: 20121707

Reference ID: 473831386

Manufacturing ID: 72193006

Instrument: SD-LTQ-06
Acquired: 3/2/2024 6:53 PM

Operator ID: 3574260
Reviewed: 3/2/2024 9:16 PM



Sequence Name: AS005-comp

Sequence: 5'- CGA TGG TGC G -3'

Calculated Molecular Weight: 3084.0

Measured Molecular Weight: 3084.10

Analytical ESI-MS Report

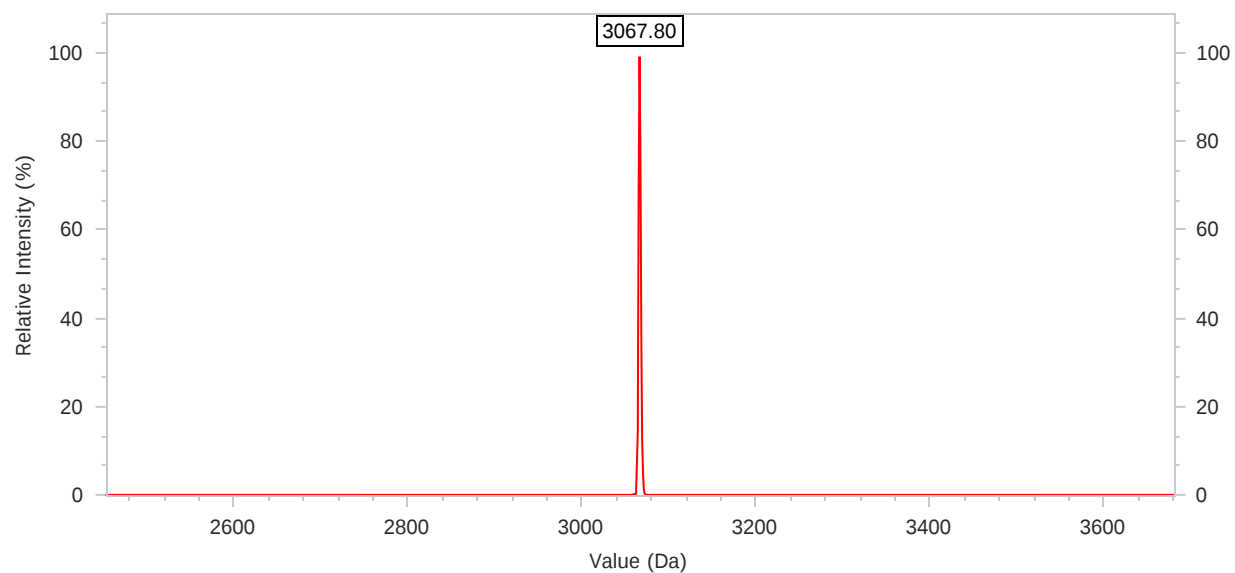
Sales Order: 20121707

Reference ID: 473831387

Manufacturing ID: 72193007

Instrument: SD-LTQ-06
Acquired: 3/2/2024 6:53 PM

Operator ID: 3574260
Reviewed: 3/2/2024 9:16 PM



Sequence Name: AS005-mismatch

Sequence: 5'- CGA TAG TGC G -3'

Calculated Molecular Weight: 3068.0

Measured Molecular Weight: 3067.80

Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502502

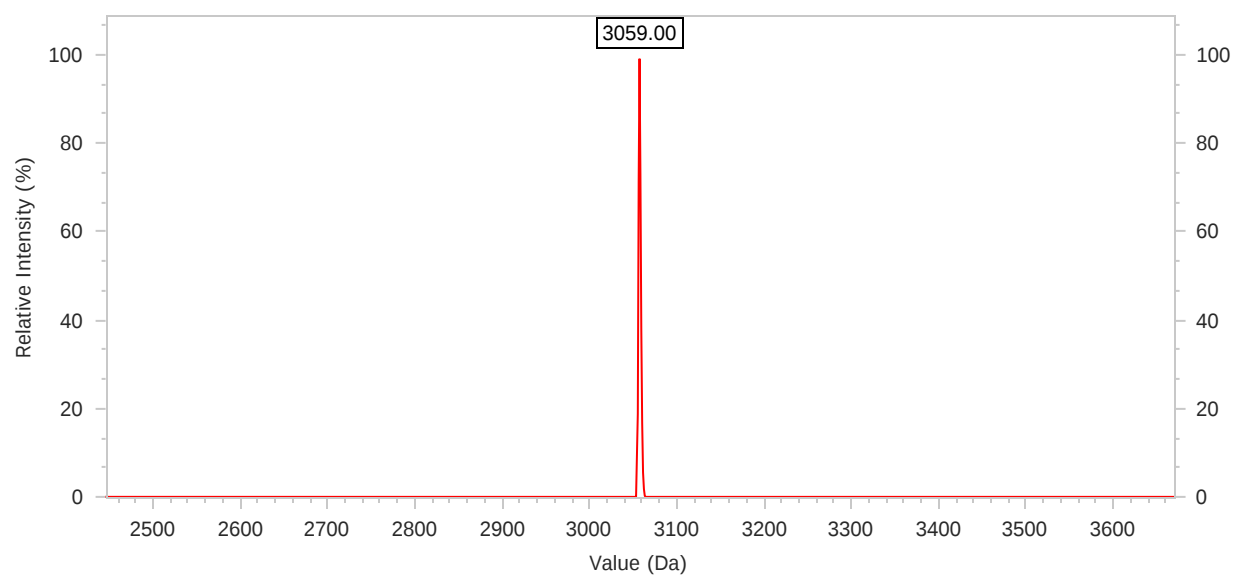
Manufacturing ID: 71520179

Instrument: SD-LTQ-06

Operator ID: 3598860

Acquired: 1/16/2024 7:11 PM

Reviewed: 1/16/2024 9:14 PM



Sequence Name: AS004-AXA-comp

Sequence: 5'- CGA TGT TGC G -3'

Calculated Molecular Weight: 3059.0

Measured Molecular Weight: 3059.00

Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502503

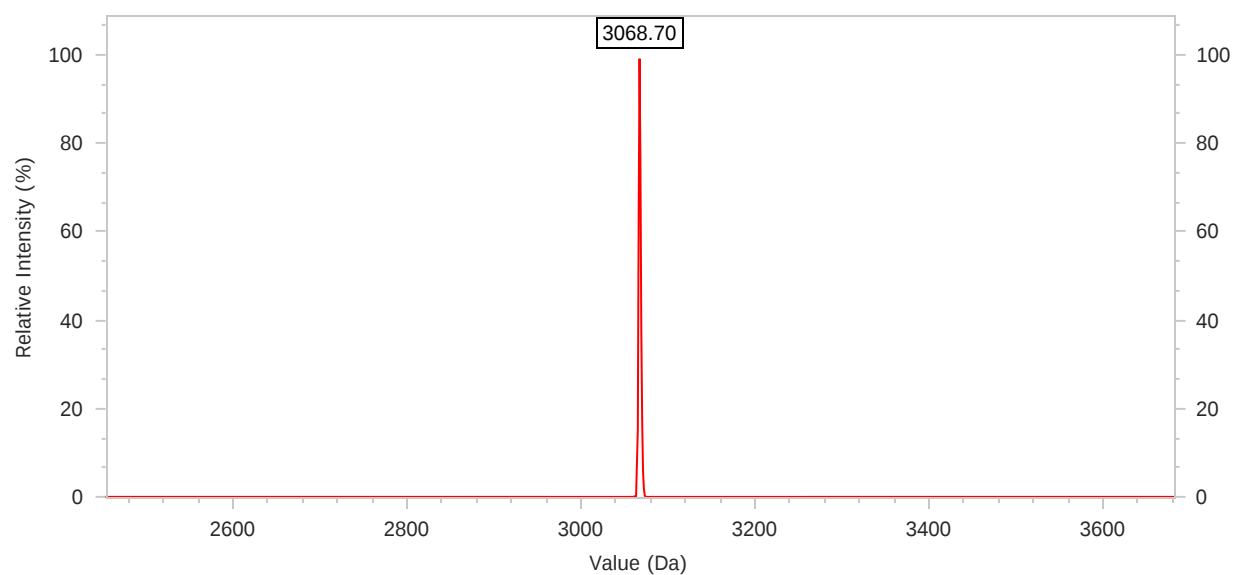
Manufacturing ID: 71520178

Instrument: SD-LTQ-06

Operator ID: 3598860

Acquired: 1/16/2024 7:10 PM

Reviewed: 1/16/2024 9:14 PM



Sequence Name: AS006-GXC-comp

Sequence: 5'- CGA GGC TGC G -3'

Calculated Molecular Weight: 3069.0

Measured Molecular Weight: 3068.70

Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502504

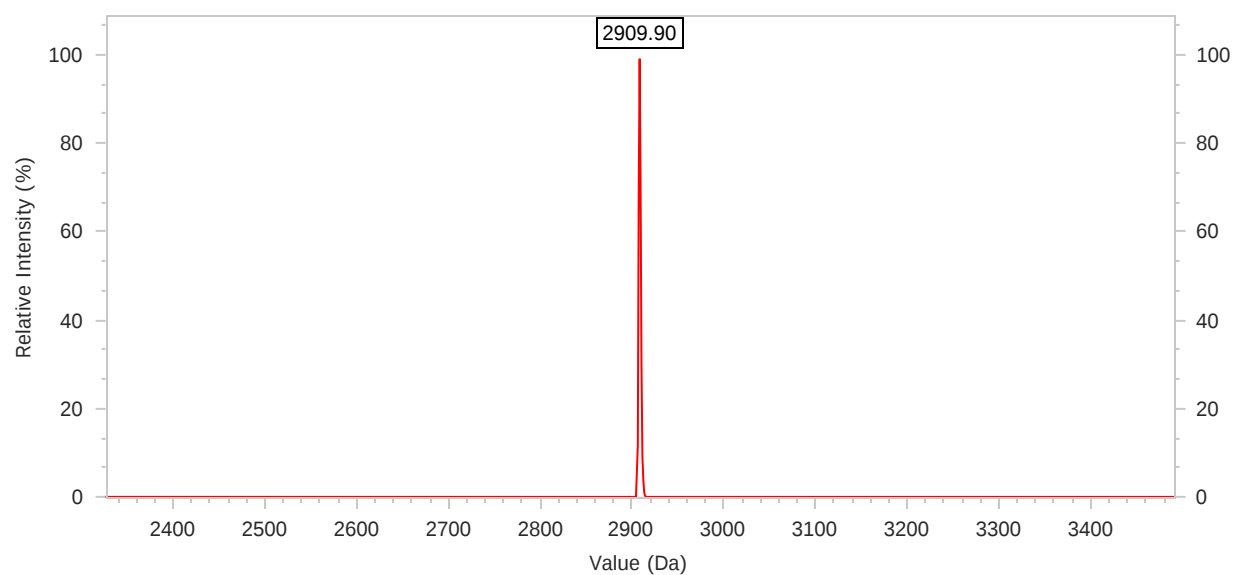
Manufacturing ID: 622410618

Instrument: MS-IALTQ-11

Operator ID: 3581103

Acquired: 1/25/2024 1:11 PM

Reviewed: 1/25/2024 1:17 PM



Sequence Name: AS004-AXA-dspacer-comp

Sequence: 5'- CGA T/idSp/TT GCG -3'

Calculated Molecular Weight: 2909.9

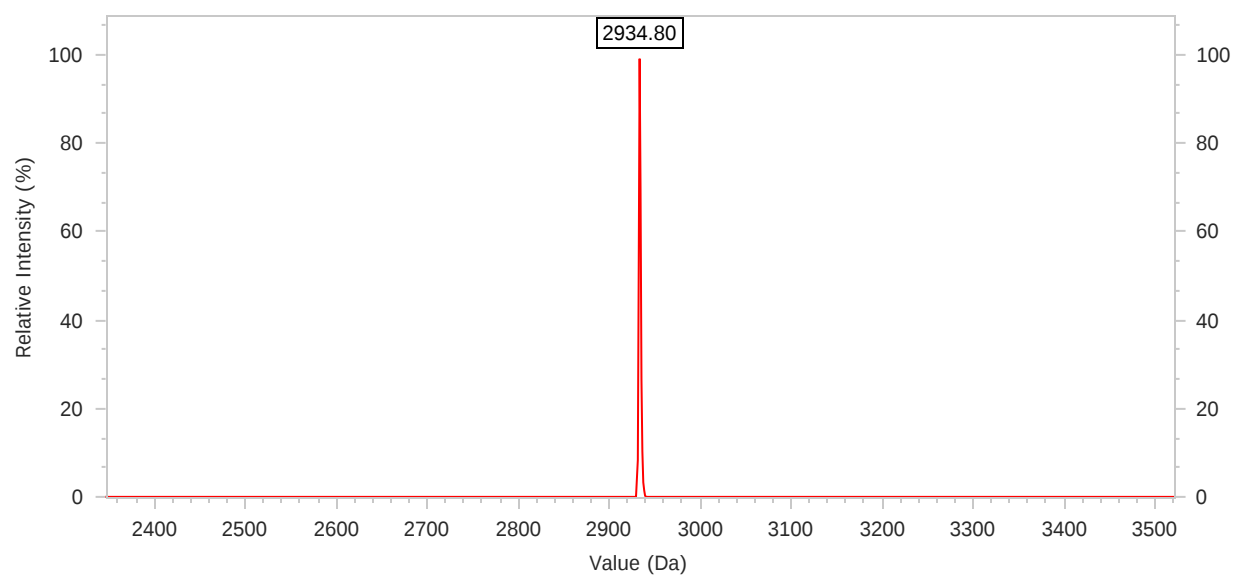
Measured Molecular Weight: 2909.90

Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502505

Manufacturing ID: 622499340

Instrument: MS-IALTQ-02
Acquired: 1/26/2024 3:26 PMOperator ID: 4024
Reviewed: 1/26/2024 4:53 PM

Sequence Name: AS005-CXA-dspacer-comp

Sequence: 5'- CGA T/idSp/GT GCG -3'

Calculated Molecular Weight: 2934.9

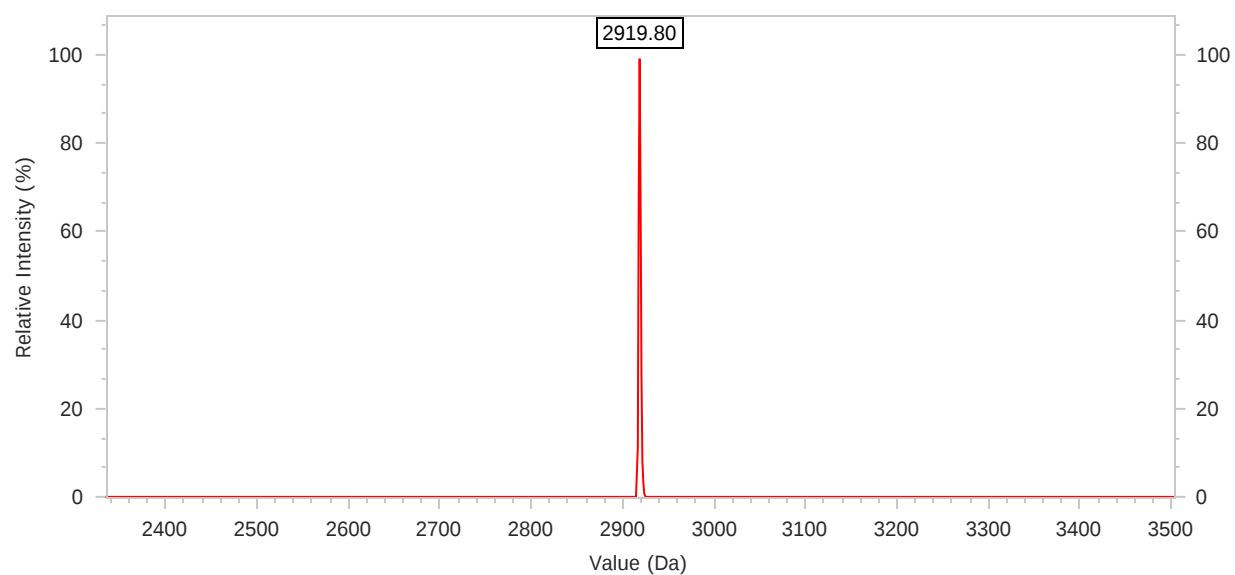
Measured Molecular Weight: 2934.80

Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502506

Manufacturing ID: 622410636

Instrument: MS-IALTQ-11
Acquired: 1/25/2024 1:03 PMOperator ID: 3581103
Reviewed: 1/25/2024 1:17 PM

Sequence Name: AS006-GXC-dspacer-comp

Sequence: 5'- CGA G/idSp/CT GCG -3'

Calculated Molecular Weight: 2919.9

Measured Molecular Weight: 2919.80

Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502491

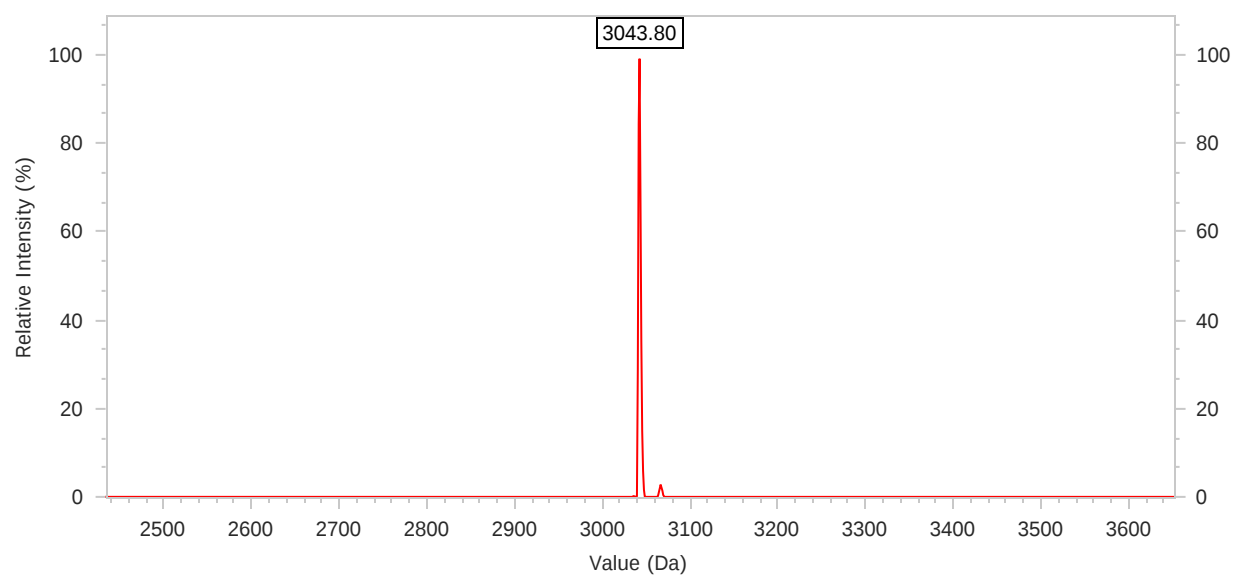
Manufacturing ID: 71559161

Instrument: SD-LTQ-05

Operator ID: 3598860

Acquired: 1/18/2024 1:27 PM

Reviewed: 1/18/2024 4:34 PM



Sequence Name: AS004-AXA-inosine-comp

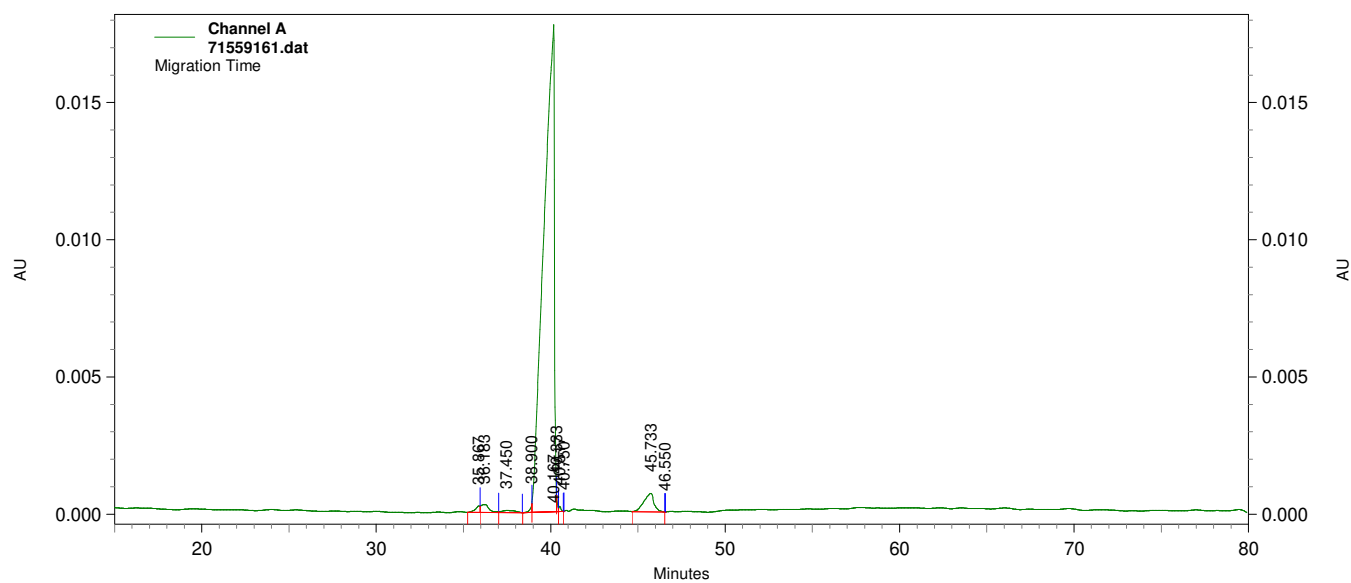
Sequence: 5'- CGA T/ideoxyl/T TGC G -3'

Calculated Molecular Weight: 3044.0

Measured Molecular Weight: 3043.80

Analytical OligoPro CE Report

Sample ID: 468502491-10 HCO A2 27847-O1
Instrument: Oligo Pro (Offline) Operator: HTA
Acquired: 1/18/2024 3:23:02 PM Reviewed: 1/18/2024 3:25:09 PM

**Channel A Results**

Peak #	Time	Height	Corrected Area	Corrected Area Percent
1	35.87	234	110	0.6
2	36.18	284	237	1.3
3	37.45	73	98	0.5
4	38.90	259	42	0.2
5	40.17	17759	17090	93.9
6	40.33	591	53	0.3
7	40.52	188	34	0.2
8	40.75	6	0	0.0
9	45.73	673	543	3.0
10	46.55	0	0	0.0
Totals		20067		100.0

Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502492

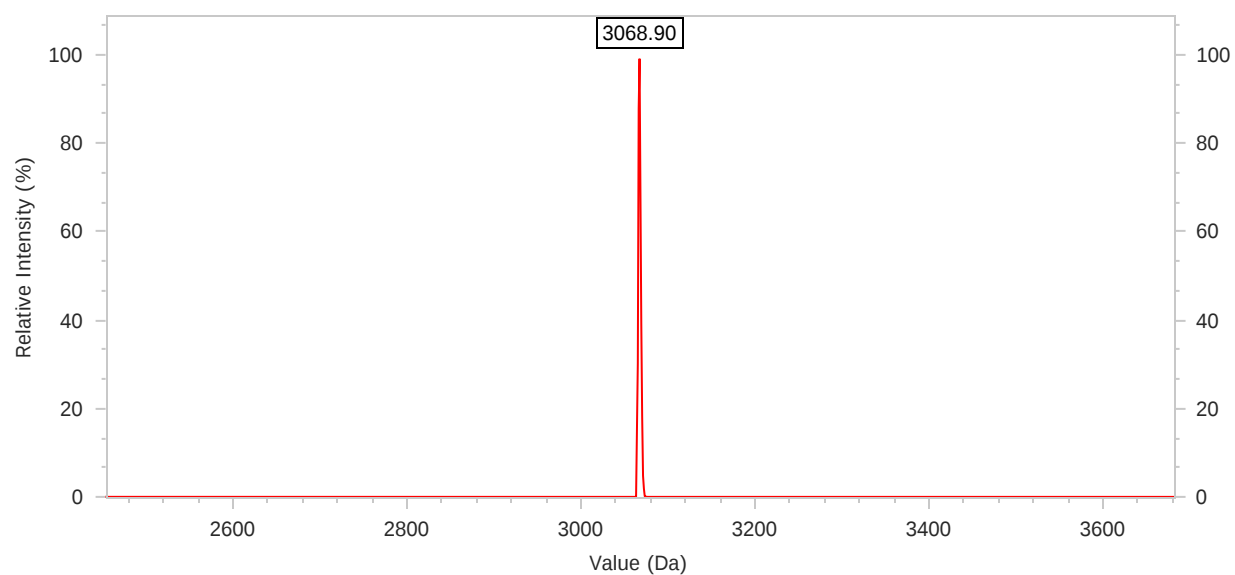
Manufacturing ID: 71559156

Instrument: SD-LTQ-05

Operator ID: 3598860

Acquired: 1/18/2024 1:27 PM

Reviewed: 1/18/2024 4:34 PM



Sequence Name: AS005-CXA-inosine-comp

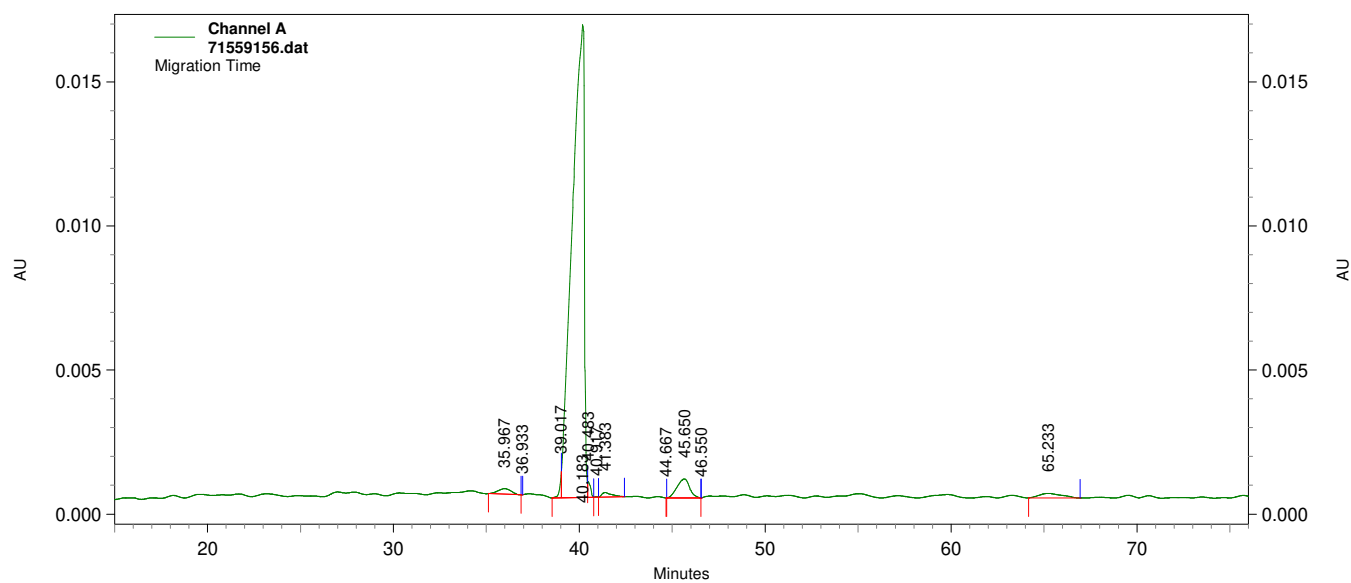
Sequence: 5'- CGA T/ideoxyl/G TGC G -3'

Calculated Molecular Weight: 3069.0

Measured Molecular Weight: 3068.90

Analytical OligoPro CE Report

Sample ID: 468502492-10 HCO A1 27847-O1
Instrument: Oligo Pro (Offline) Operator: HTA
Acquired: 1/18/2024 3:22:58 PM Reviewed: 1/18/2024 3:24:45 PM

**Channel A Results**

Peak #	Time	Height	Corrected Area	Corrected Area Percent
1	35.97	187	229	1.2
2	36.93	1	0	0.0
3	39.02	770	113	0.6
4	40.18	16414	17125	92.4
5	40.48	549	126	0.7
6	40.92	26	5	0.0
7	41.38	160	135	0.7
8	44.67	0	0	0.0
9	45.65	654	611	3.3
10	46.55	1	0	0.0
11	65.23	156	185	1.0
Totals		18918		100.0

Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502493

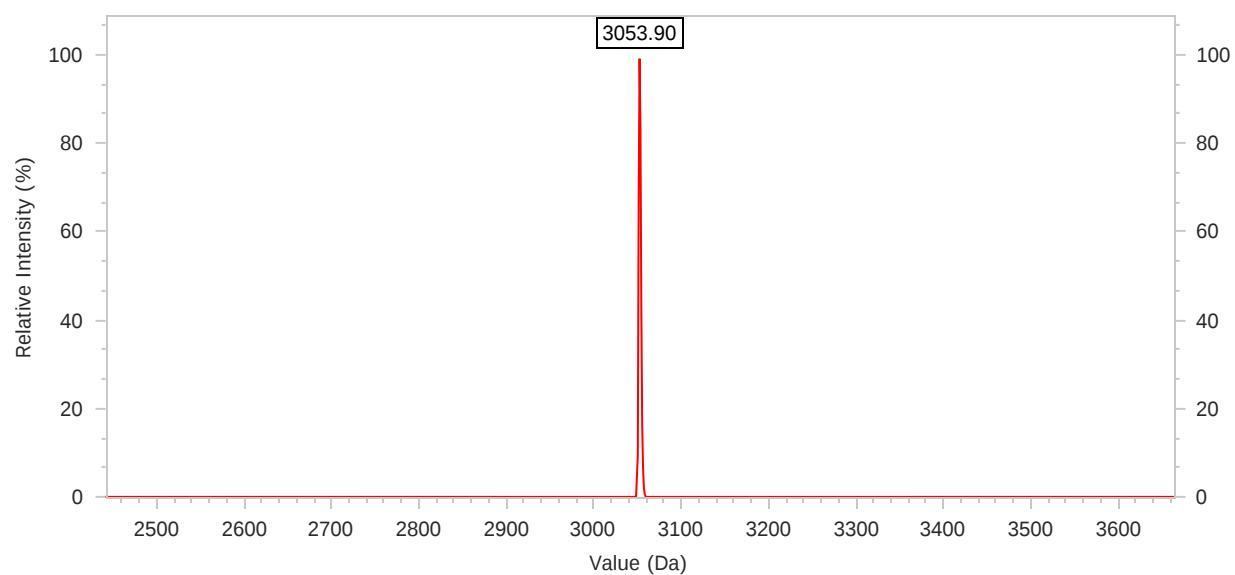
Manufacturing ID: 71559167

Instrument: SD-LTQ-06

Operator ID: 3597521

Acquired: 1/18/2024 7:39 PM

Reviewed: 1/19/2024 12:58 AM



Sequence Name: AS006-GXC-inosine-comp

Sequence: 5'- CGA G/ideoxyl/C TGC G -3'

Calculated Molecular Weight: 3054.0

Measured Molecular Weight: 3053.90

Analytical RP HPLC Report

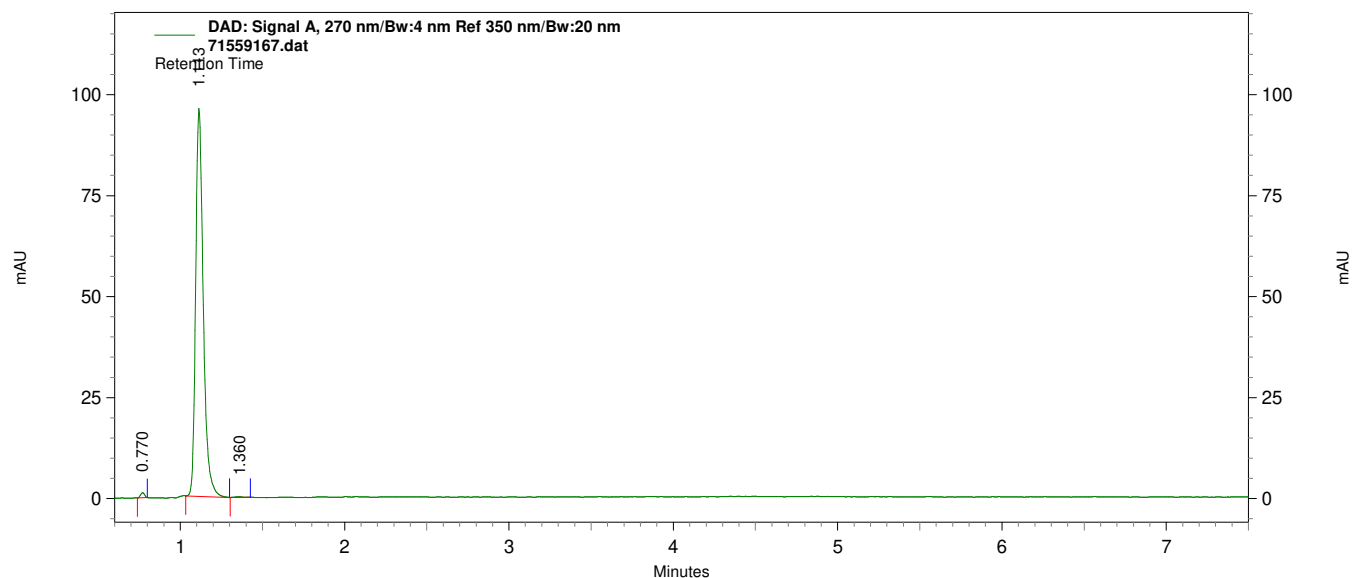
Sample ID: 468502493-10 MNP A2 27853-H2

Instrument: SD-HPLC-01 (Offline)

Operator: HTA (HTA)

Acquired: 1/19/2024 4:22:03 AM (GMT -08:00)

Reviewed: 1/19/2024 5:48:22 AM (GMT -08:00)



DAD: Signal A, 270
nm/Bw:4 nm Ref 350
nm/Bw:20 nm Results

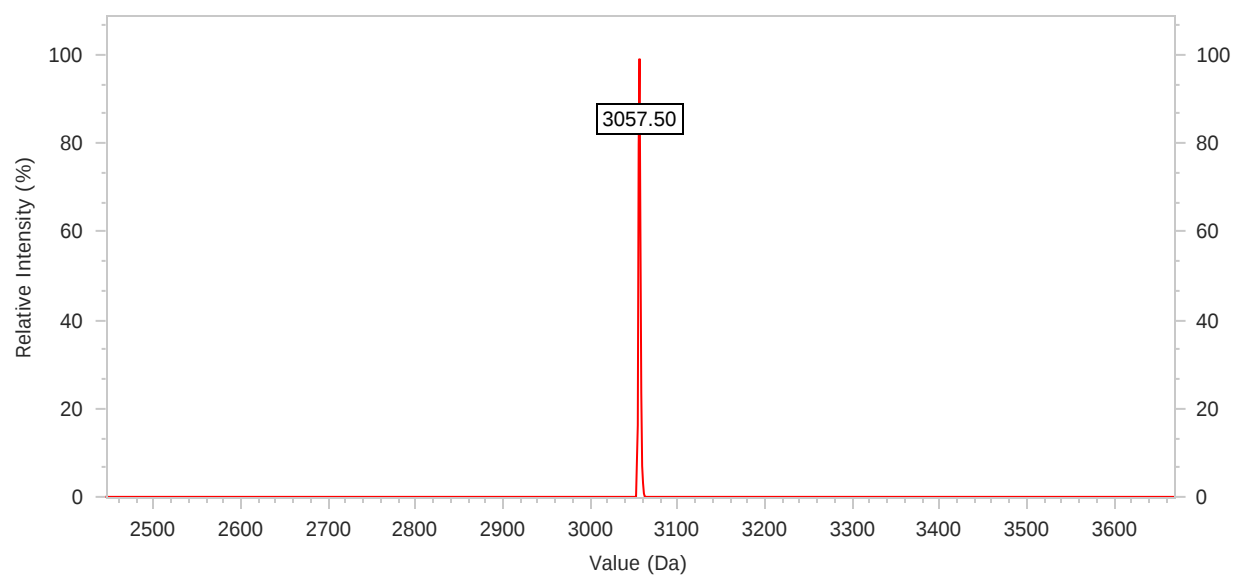
Peak #	Time	Height	Area	Area Percent
1	0.77	2647	4460	0.7
2	1.11	201353	647410	99.2
3	1.36	340	1013	0.2
Totals		204340	652883	100.0

Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502494

Manufacturing ID: 622206426

Instrument: MS-IALTQ-10
Acquired: 1/24/2024 5:44 AMOperator ID: 2338
Reviewed: 1/24/2024 6:23 AM

Sequence Name: AS004-AXA-diaminopurine-comp

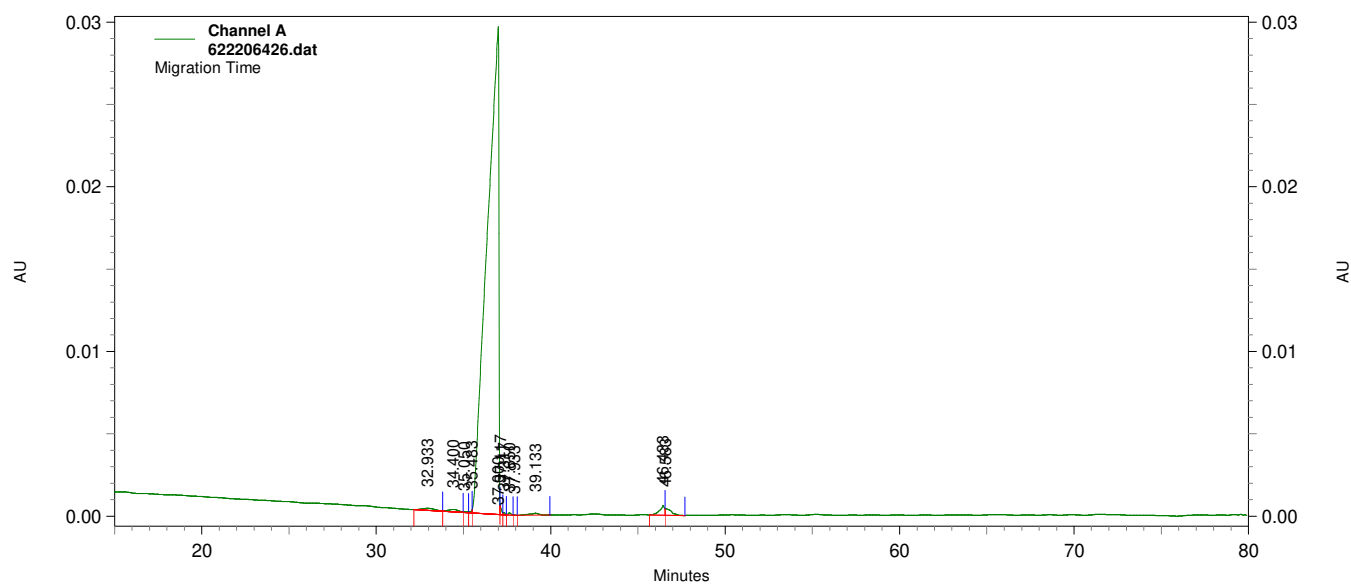
Sequence: 5'- CGA T/i6diPr/T TGC G -3'

Calculated Molecular Weight: 3058.0

Measured Molecular Weight: 3057.50

Analytical OligoPro CE Report

Sample ID: 468502494-10 HCO E7 219729-O5
Instrument: Oligo Pro (Offline) Operator: HTA
Acquired: 1/24/2024 7:12:00 AM Reviewed: 1/24/2024 9:19:35 AM

**Channel A Results**

Peak #	Time	Height	Corrected Area	Corrected Area Percent
1	32.93	119	178	0.5
2	34.40	140	161	0.5
3	35.05	47	23	0.1
4	35.48	147	25	0.1
5	37.00	29635	33960	97.0
6	37.12	613	70	0.2
7	37.32	141	26	0.1
8	37.65	131	34	0.1
9	37.93	5	0	0.0
10	39.13	125	110	0.3
11	46.43	584	218	0.6
12	46.58	394	191	0.5

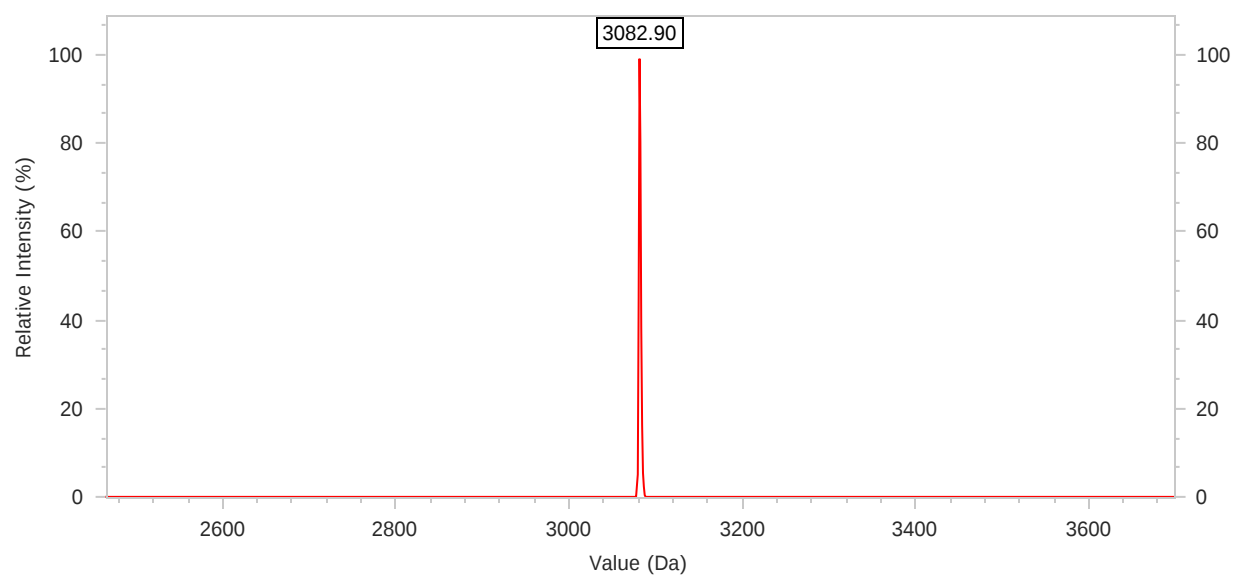
Totals		32081		100.0
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Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502495

Manufacturing ID: 622241306

Instrument: MS-IALTQ-01
Acquired: 1/25/2024 3:35 AMOperator ID: 2338
Reviewed: 1/25/2024 4:47 AM

Sequence Name: AS005-CXA-diaminopurine-comp

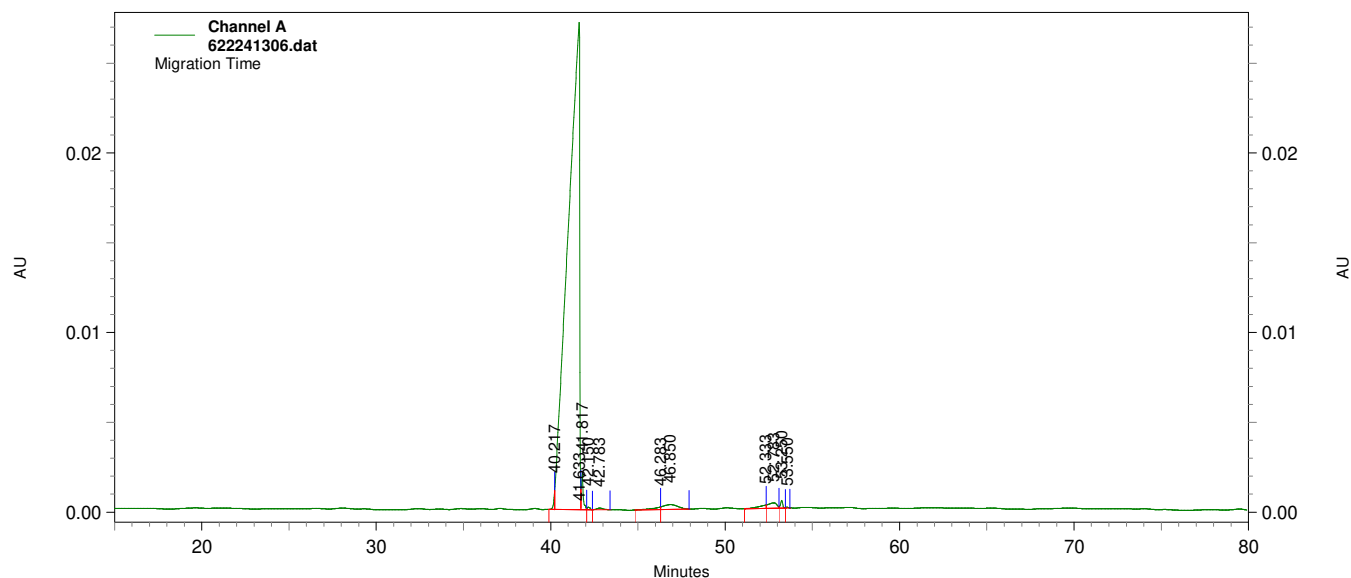
Sequence: 5'- CGA T/i6diPr/G TGC G -3'

Calculated Molecular Weight: 3083.1

Measured Molecular Weight: 3082.90

Analytical OligoPro CE Report

Sample ID: 468502495-10 HCO B12 219775-O
Instrument: Oligo Pro (Offline) Operator: HTA
Acquired: 1/25/2024 3:26:00 AM Reviewed: 1/25/2024 6:42:24 AM

**Channel A Results**

Peak #	Time	Height	Corrected Area	Corrected Area Percent
1	40.22	853	91	0.3
2	41.63	27128	27781	95.7
3	41.82	2056	339	1.2
4	42.15	136	32	0.1
5	42.78	91	43	0.1
6	46.28	142	90	0.3
7	46.85	267	303	1.0
8	52.33	187	98	0.3
9	52.78	302	178	0.6
10	53.25	429	63	0.2
11	53.55	50	7	0.0

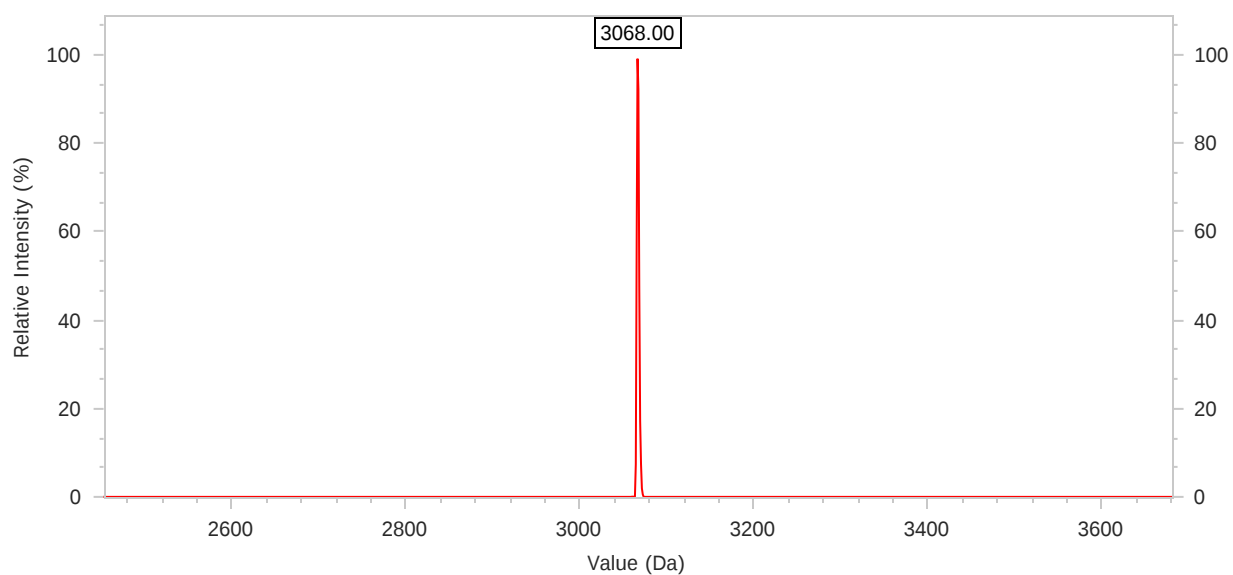
Totals		31641		100.0
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Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502496

Manufacturing ID: 622241305

Instrument: MS-IALTQ-01
Acquired: 1/25/2024 3:32 AMOperator ID: 2338
Reviewed: 1/25/2024 4:47 AM

Sequence Name: AS006-GXC-diaminopurine-comp

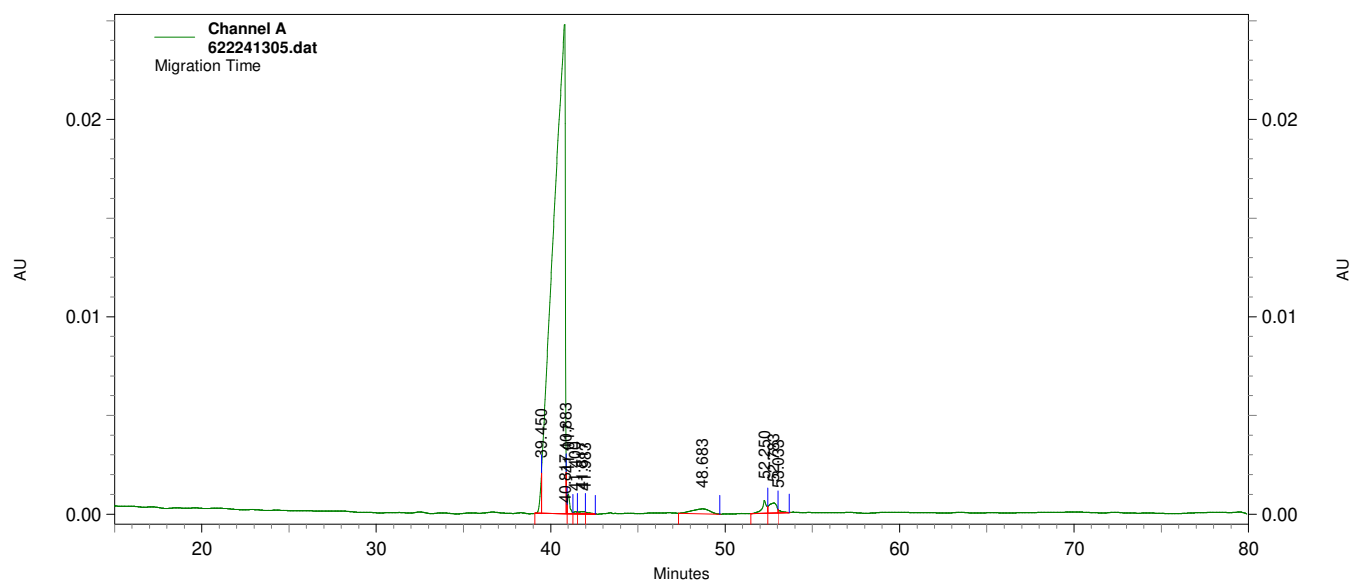
Sequence: 5'- CGA G/i6diPr/C TGC G -3'

Calculated Molecular Weight: 3068.0

Measured Molecular Weight: 3068.00

Analytical OligoPro CE Report

Sample ID: 468502496-10 HCO B8 219775-O4
Instrument: Oligo Pro (Offline) Operator: HTA
Acquired: 1/25/2024 3:26:00 AM Reviewed: 1/25/2024 6:40:39 AM

**Channel A Results**

Peak #	Time	Height	Corrected Area	Corrected Area Percent
1	39.45	1768	231	0.8
2	40.82	24790	26325	94.8
3	40.88	2091	77	0.3
4	41.02	1003	190	0.7
5	41.40	100	31	0.1
6	41.82	116	62	0.2
7	41.98	95	30	0.1
8	48.68	246	322	1.2
9	52.25	653	204	0.7
10	52.78	507	257	0.9
11	53.03	176	33	0.1

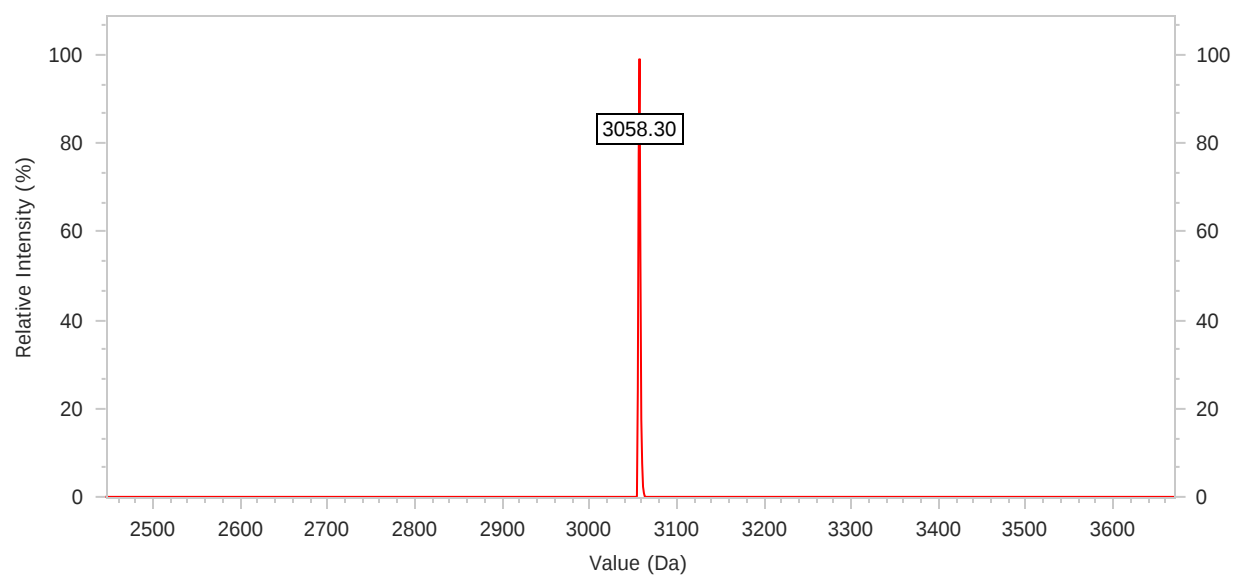
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Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502497

Manufacturing ID: 620782120

Instrument: MS-IALTQ-10
Acquired: 1/20/2024 4:08 PMOperator ID: 3114
Reviewed: 1/20/2024 4:19 PM

Sequence Name: AS004-AXA-isodG-comp

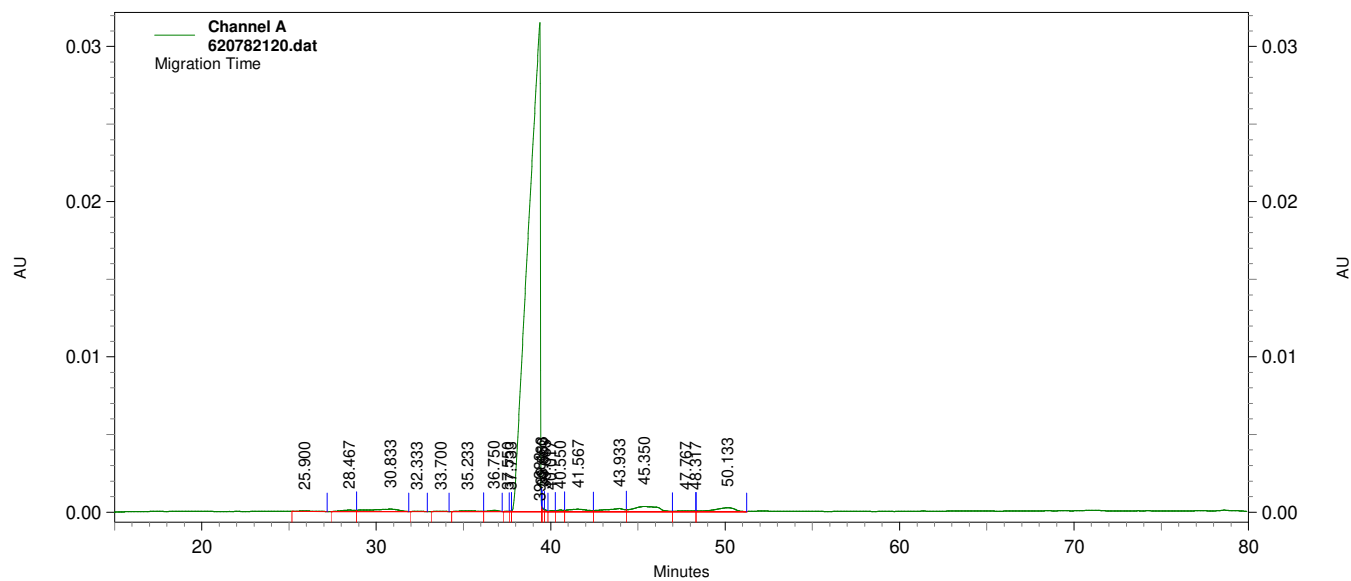
Sequence: 5'- CGA T/iisodG/T TGC G -3'

Calculated Molecular Weight: 3059.0

Measured Molecular Weight: 3058.30

Analytical OligoPro CE Report

Sample ID: 468502497-10 HCO C5 219577-O6
Instrument: Oligo Pro (Offline) Operator: HTA
Acquired: 1/20/2024 4:05:00 PM Reviewed: 1/20/2024 6:08:38 PM

**Channel A Results**

Peak #	Time	Height	Corrected Area	Corrected Area Percent
1	25.90	27	58	0.2
2	28.47	87	157	0.4
3	30.83	152	531	1.4
4	32.33	7	7	0.0
5	33.70	13	12	0.0
6	35.23	37	64	0.2
7	36.75	76	63	0.2
8	37.55	13	3	0.0
9	37.73	31	4	0.0
10	39.38	31512	34928	93.1
11	39.48	331	17	0.0
12	39.55	238	26	0.1
13	39.68	113	21	0.1
14	40.02	55	23	0.1
15	40.55	92	54	0.1
16	41.57	151	239	0.6
17	43.93	196	295	0.8
18	45.35	320	639	1.7
19	47.77	35	43	0.1
20	48.32	30	1	0.0
21	50.13	243	346	0.9

Totals		33759		100.0
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Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502498

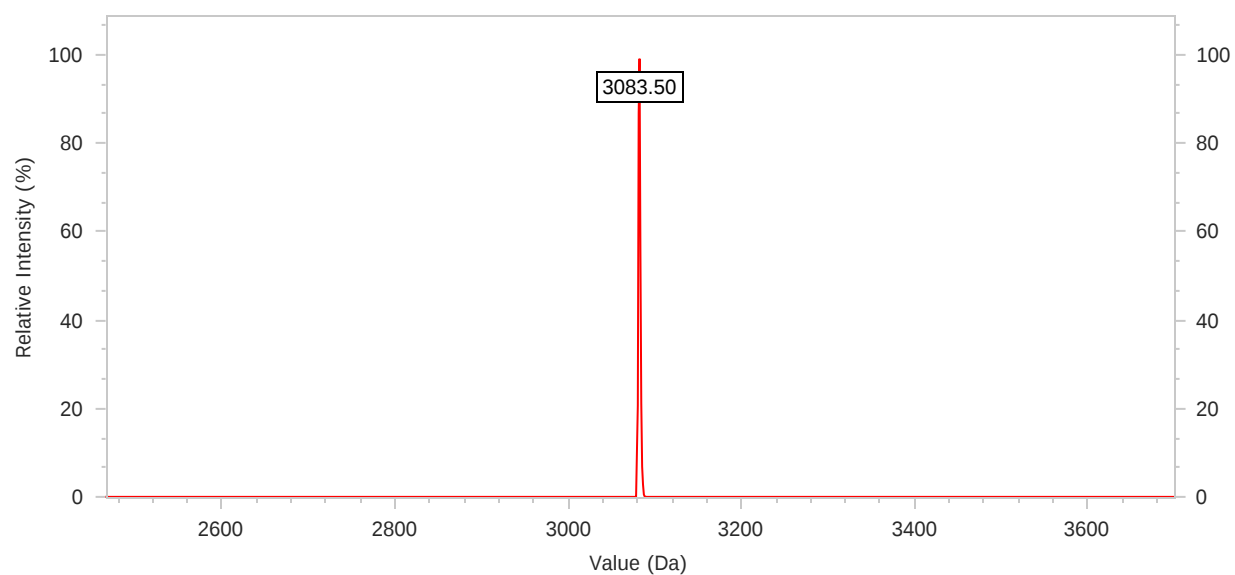
Manufacturing ID: 620782115

Instrument: MS-IALTQ-07

Operator ID: 3114

Acquired: 1/20/2024 3:45 PM

Reviewed: 1/20/2024 4:19 PM



Sequence Name: AS005-CXA-isodG-comp

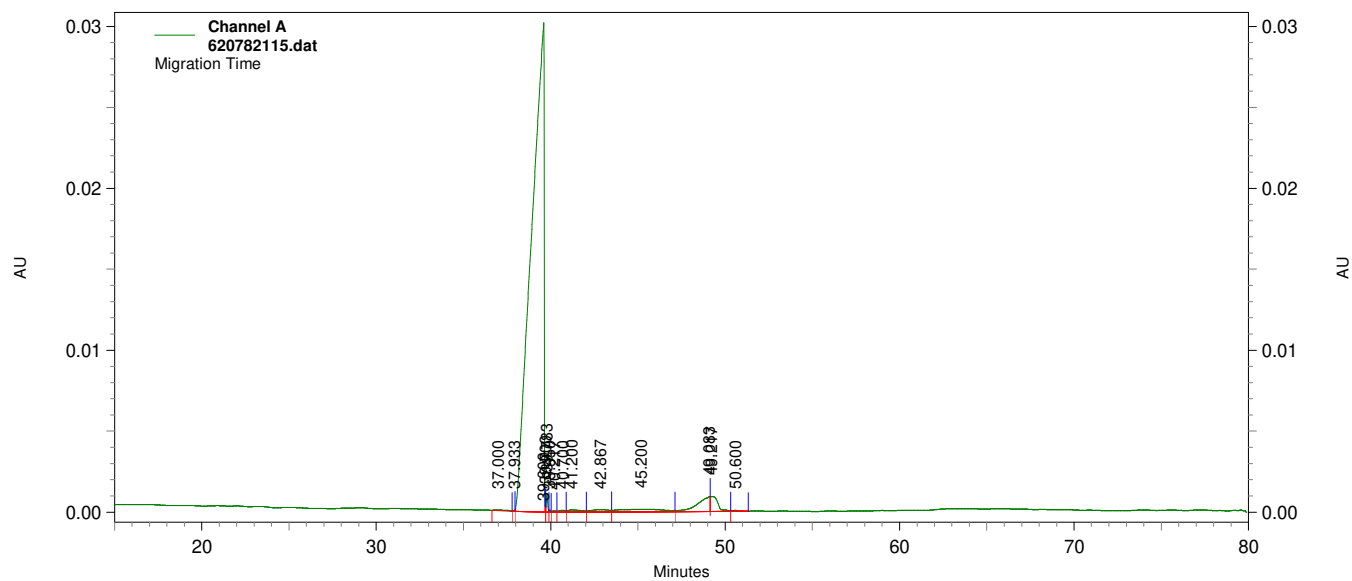
Sequence: 5'- CGA T/iisodG/G TGC G -3'

Calculated Molecular Weight: 3084.0

Measured Molecular Weight: 3083.50

Analytical OligoPro CE Report

Sample ID: 468502498-10 HCO B3 219577-O6
Instrument: Oligo Pro (Offline) Operator: HTA
Acquired: 1/20/2024 4:05:00 PM Reviewed: 1/20/2024 6:00:45 PM

**Channel A Results**

Peak #	Time	Height	Corrected Area	Corrected Area Percent
1	37.00	36	46	0.1
2	37.93	58	6	0.0
3	39.60	30230	34728	93.2
4	39.70	412	17	0.0
5	39.78	1140	149	0.4
6	39.95	130	14	0.0
7	40.22	77	26	0.1
8	40.70	100	59	0.2
9	41.20	130	153	0.4
10	42.87	136	201	0.5
11	45.20	142	519	1.4
12	49.08	907	818	2.2
13	49.22	916	516	1.4
14	50.60	52	27	0.1

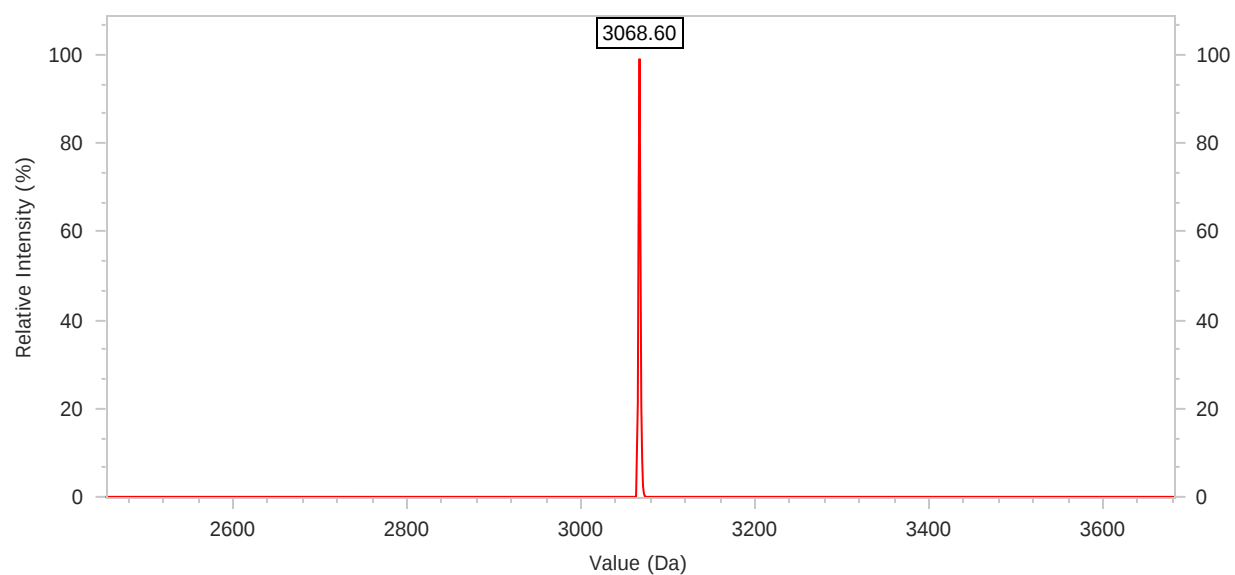
Totals		34466		100.0
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Analytical ESI-MS Report

Sales Order: 20000529

Reference ID: 468502499

Manufacturing ID: 620782116

Instrument: MS-IALTQ-07
Acquired: 1/20/2024 3:48 PMOperator ID: 3114
Reviewed: 1/20/2024 4:19 PM

Sequence Name: AS006-GXC-isodG-comp

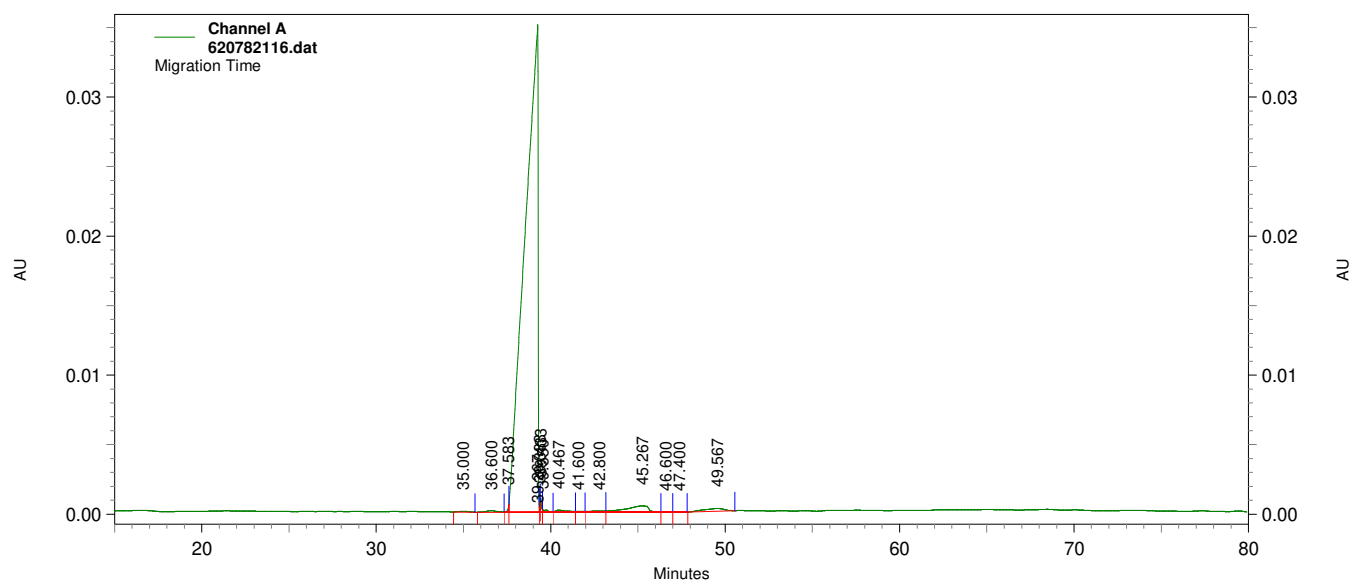
Sequence: 5'- CGA G/iisodG/C TGC G -3'

Calculated Molecular Weight: 3069.0

Measured Molecular Weight: 3068.60

Analytical OligoPro CE Report

Sample ID: 468502499-10 HCO B10 219577-O
Instrument: Oligo Pro (Offline) Operator: HTA
Acquired: 1/20/2024 4:05:00 PM Reviewed: 1/20/2024 6:07:16 PM

**Channel A Results**

Peak #	Time	Height	Corrected Area	Corrected Area Percent
1	35.00	55	55	0.1
2	36.60	106	117	0.3
3	37.58	400	42	0.1
4	39.27	35088	43041	95.8
5	39.38	592	39	0.1
6	39.43	998	102	0.2
7	39.55	175	79	0.2
8	40.47	152	156	0.3
9	41.60	56	39	0.1
10	42.80	85	113	0.3
11	45.27	449	822	1.8
12	46.60	22	12	0.0
13	47.40	17	11	0.0
14	49.57	194	299	0.7

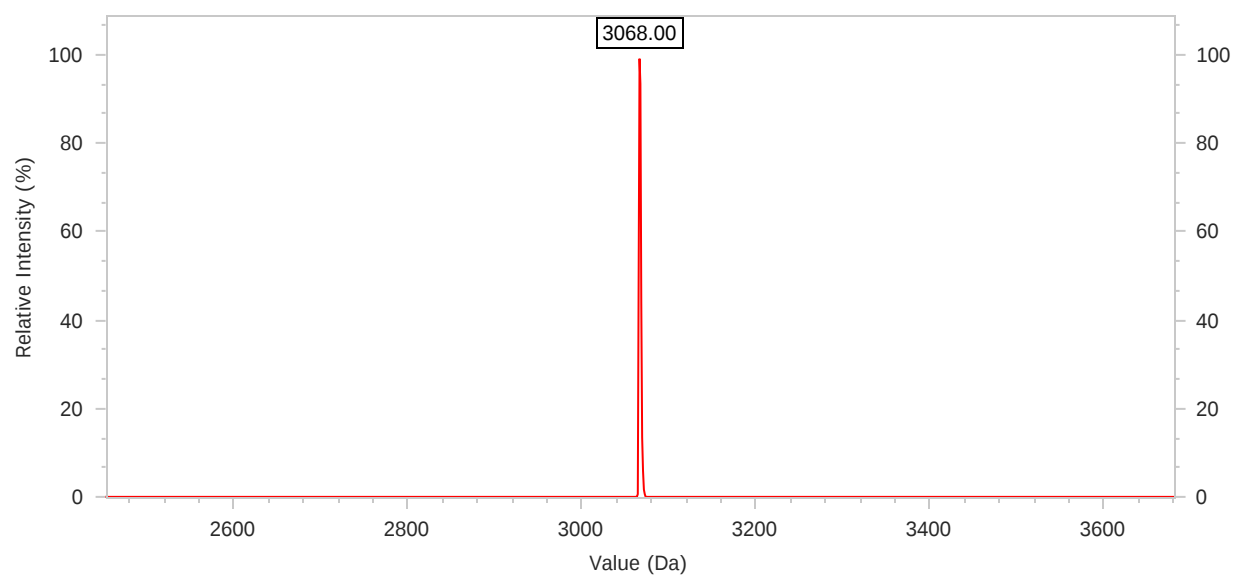
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Analytical ESI-MS Report

Sales Order: 20314295

Reference ID: 481895981

Manufacturing ID: 644422904

Instrument: MS-IALTQ-01
Acquired: 5/27/2024 4:23 PMOperator ID: 3624262
Reviewed: 5/27/2024 6:44 PM

Sequence Name: AS006-GXC-diaminoopurine

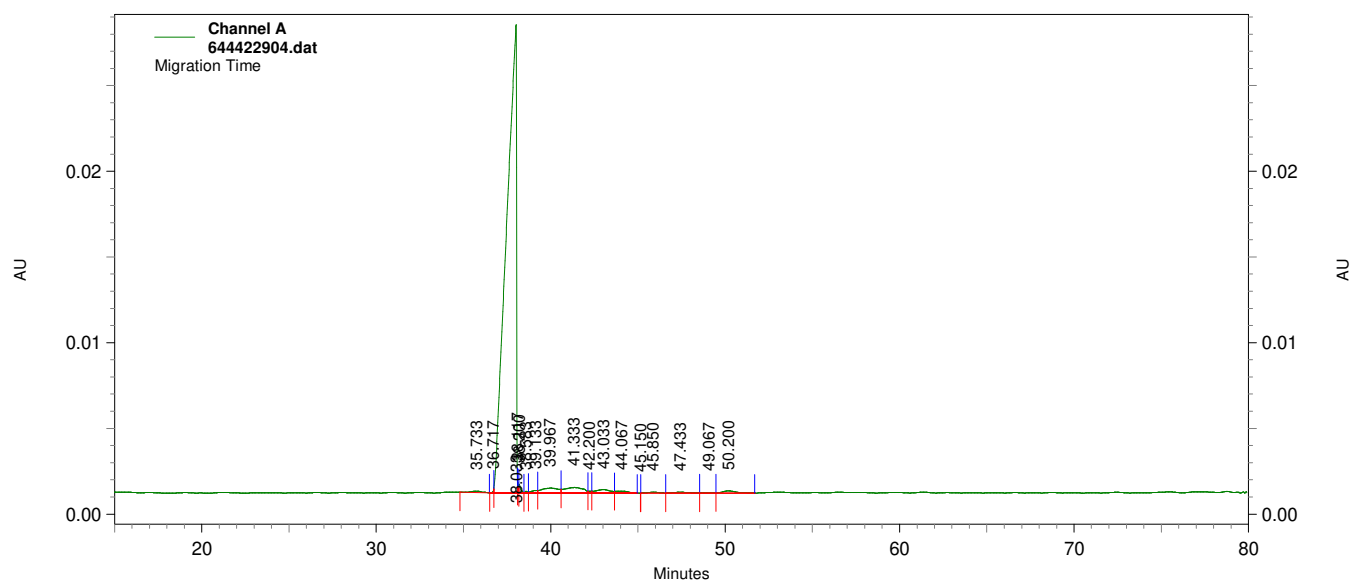
Sequence: 5'- CGA G/i6diPr/C TGC G -3'

Calculated Molecular Weight: 3068.0

Measured Molecular Weight: 3068.00

Analytical OligoPro CE Report

Sample ID: 481895981-10 HPL D2 224747-O5
Instrument: Oligo Pro (Offline) Operator: HTA
Acquired: 5/27/2024 1:42:00 PM Reviewed: 5/27/2024 11:43:00 PM

**Channel A Results**

Peak #	Time	Height	Corrected Area	Corrected Area Percent
1	35.73	89	94	0.3
2	36.72	155	16	0.1
3	38.03	27325	26406	93.3
4	38.12	625	37	0.1
5	38.20	515	87	0.3
6	38.58	91	22	0.1
7	39.13	142	81	0.3
8	39.97	281	427	1.5
9	41.33	316	517	1.8
10	42.20	104	28	0.1
11	43.03	199	239	0.8
12	44.07	111	111	0.4
13	45.15	0	0	0.0
14	45.85	47	39	0.1
15	47.43	43	55	0.2
16	49.07	20	14	0.1
17	50.20	131	125	0.4

Totals		30194		100.0
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Analytical ESI-MS Report

Sales Order: 20314295

Reference ID: 481895980

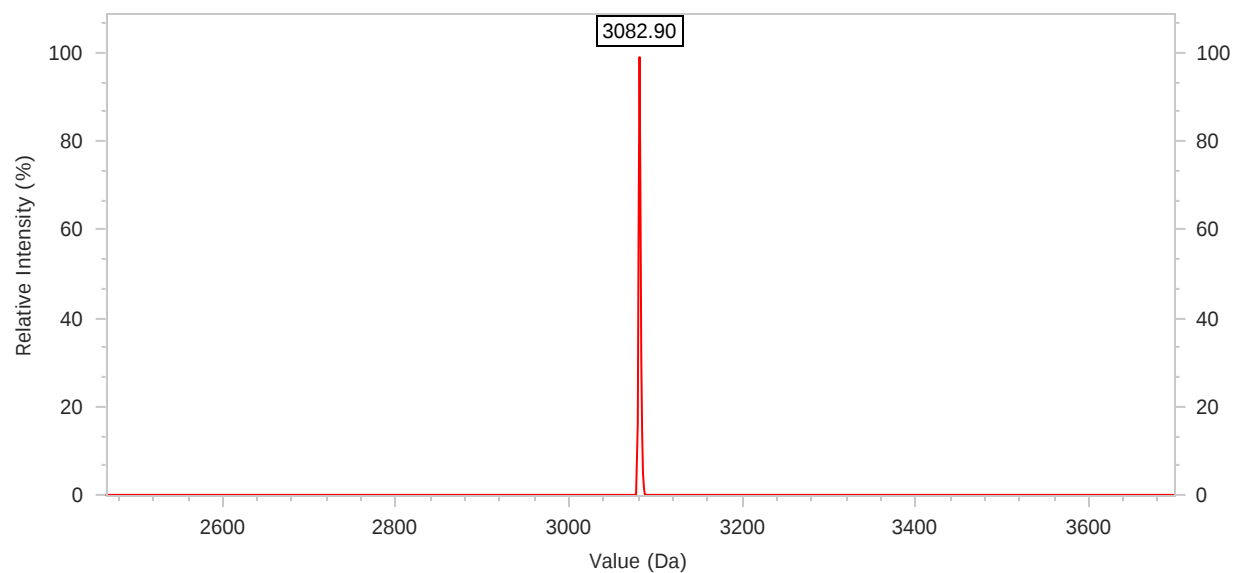
Manufacturing ID: 646503707

Instrument: MS-IALTQ-12

Operator ID: 3587739

Acquired: 6/7/2024 10:04 AM

Reviewed: 6/7/2024 12:18 PM



Sequence Name: AS005-CXA-diaminoopurine

Sequence: 5'- CGA T/i6diPr/G TGC G -3'

Calculated Molecular Weight: 3083.1

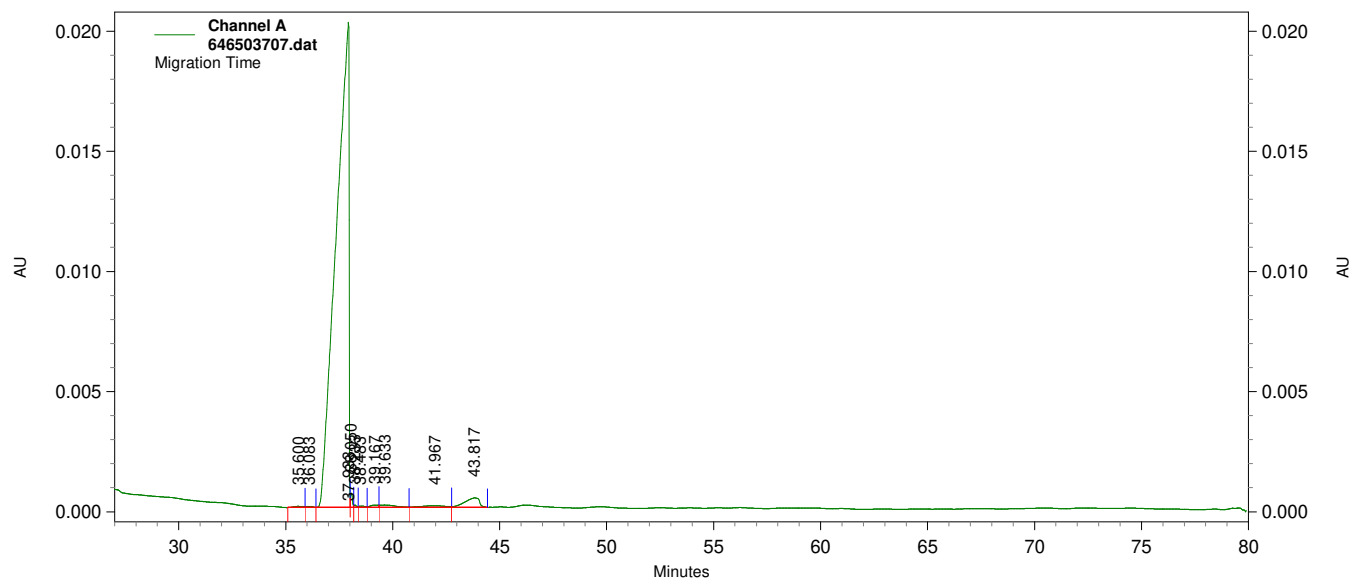
Measured Molecular Weight: 3082.90

Integrated DNA Technologies

Analytical OligoPro CE Report

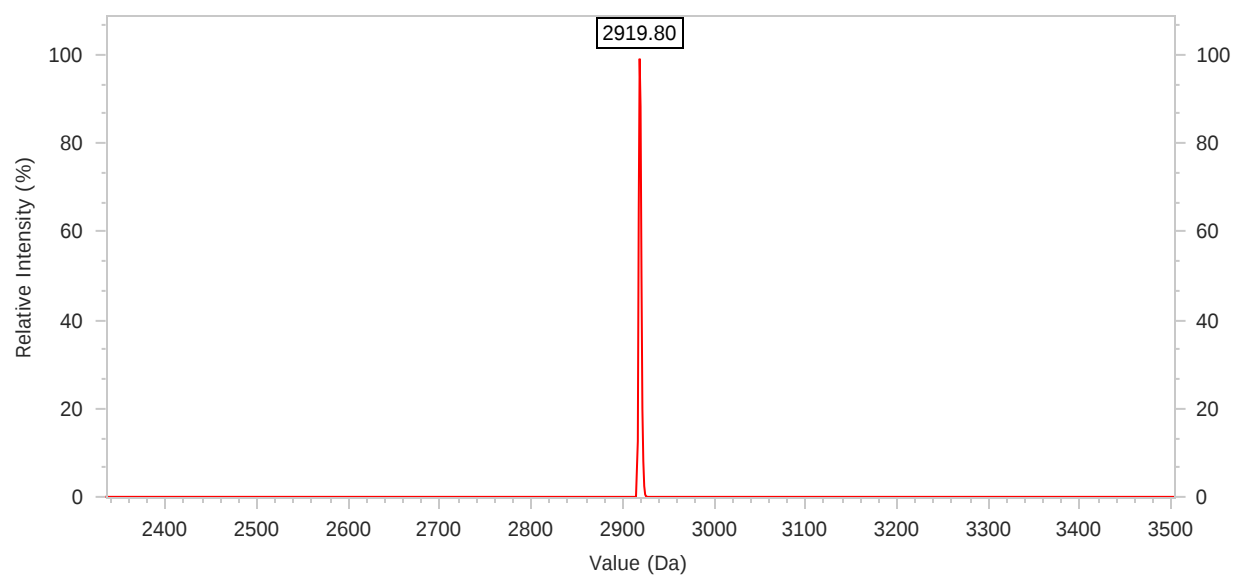
Page 1 of 1

Sample ID: 481895980-10 HPL A8 225190-O2
Instrument: Oligo Pro (Offline) Operator: HTA
Acquired: 6/7/2024 4:32:00 PM Reviewed: 6/7/2024 6:27:54 PM



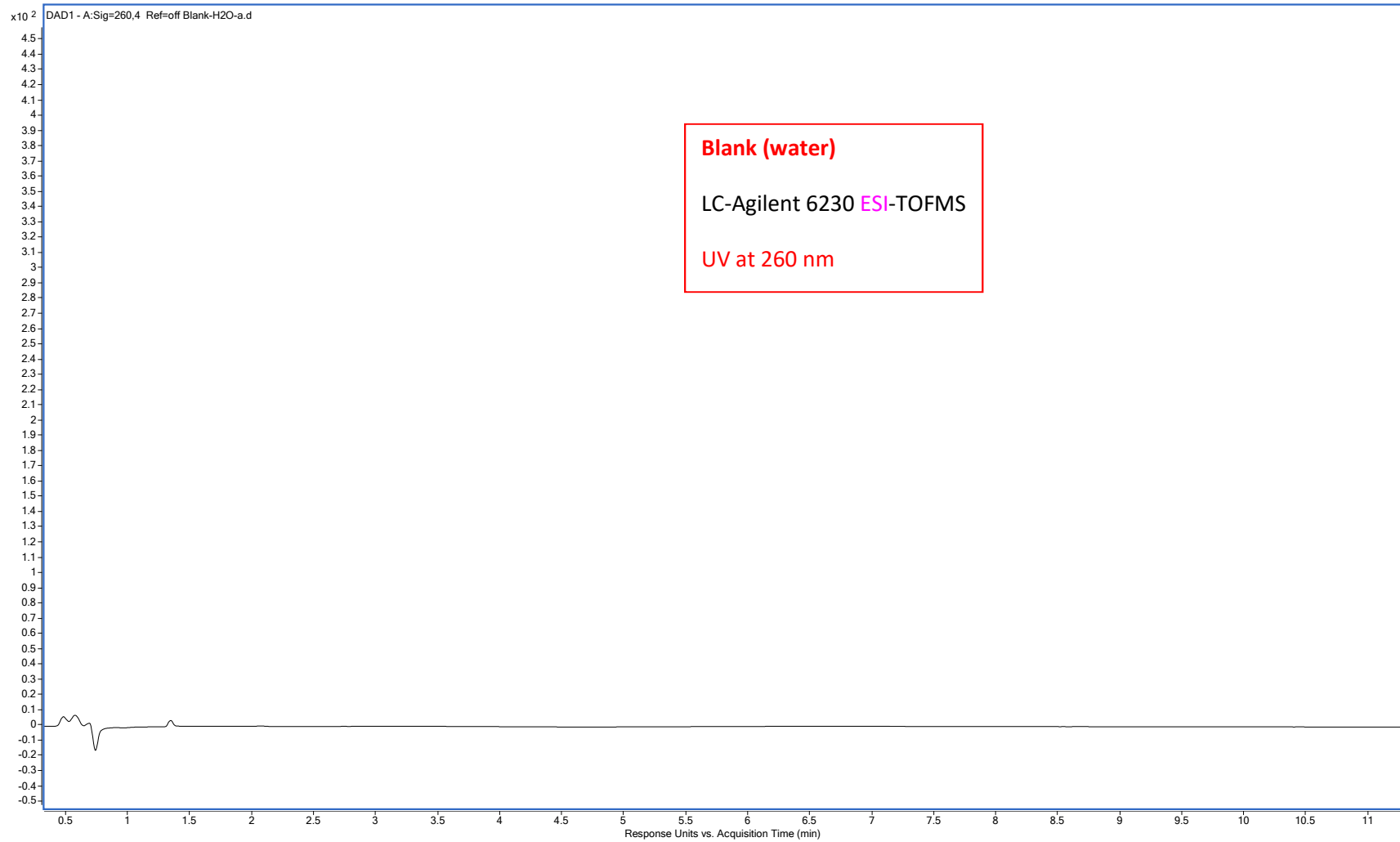
Channel A Results

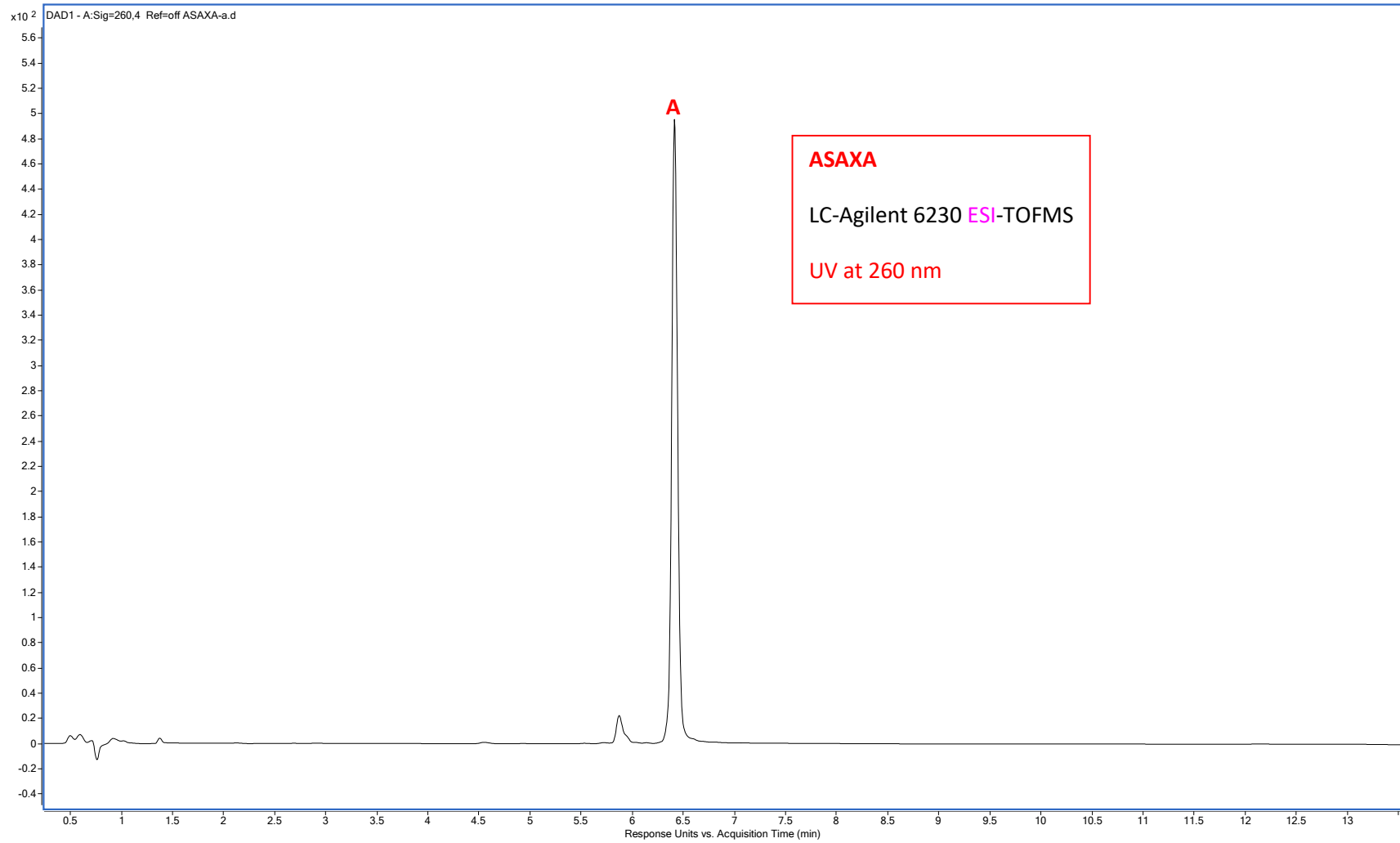
Peak #	Time	Height	Corrected Area	Corrected Area Percent
1	35.60	54	41	0.2
2	36.08	49	28	0.1
3	37.93	20200	20159	95.6
4	38.05	598	86	0.4
5	38.23	106	21	0.1
6	38.48	58	29	0.1
7	39.17	101	63	0.3
8	39.63	105	122	0.6
9	41.97	68	126	0.6
10	43.82	397	400	1.9
Totals		21736		100.0

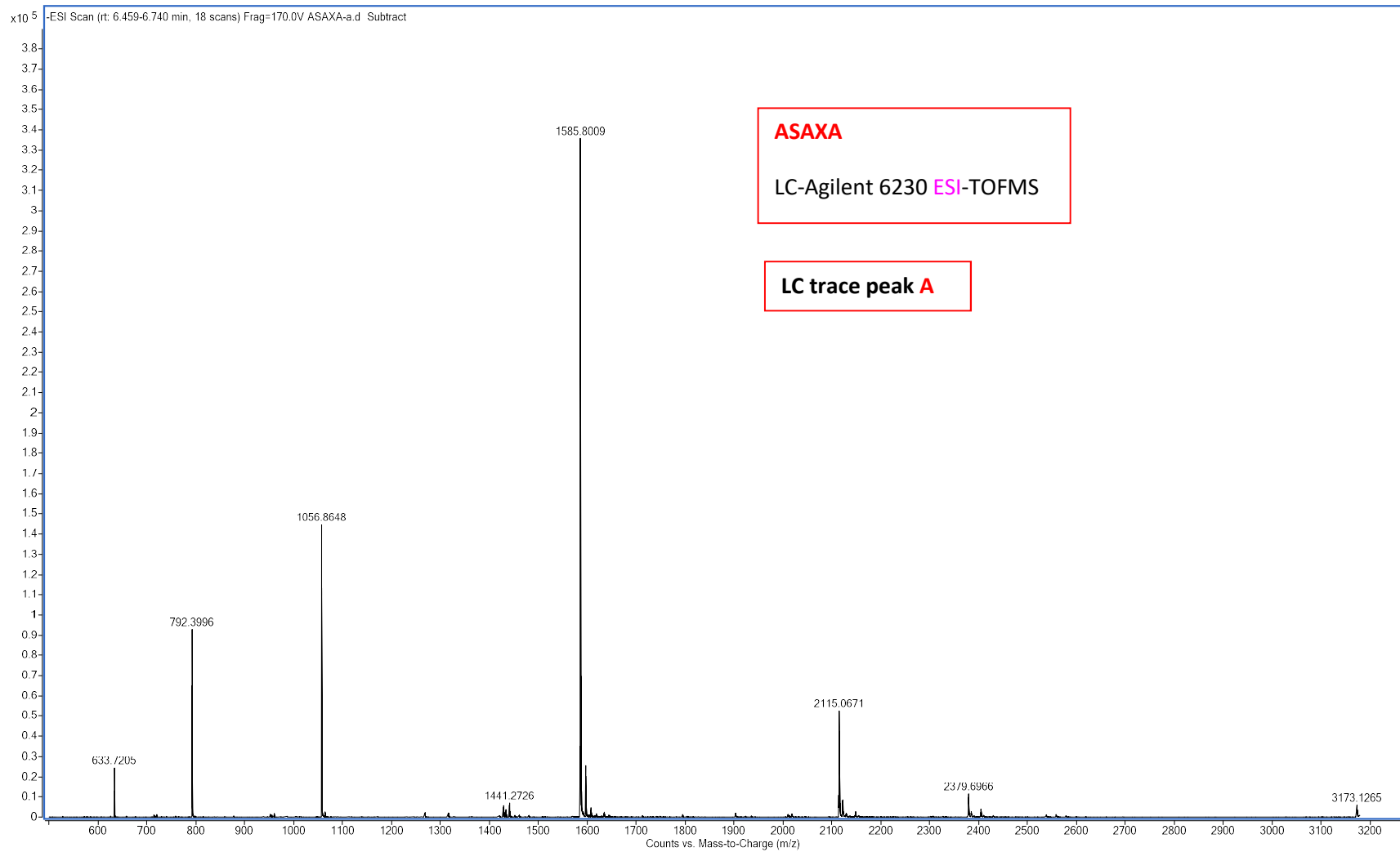
Analytical ESI-MS Report**Sales Order:** 22956325**Reference ID:** 588867694**Manufacturing ID:** 732552441**Instrument:** HQC-LTQ-11**Operator ID:** 3663144**Acquired:** 8/18/2025 10:02 AM**Reviewed:** 8/18/2025 1:18 PM**Sequence Name:** AS006 GXC dspacer**Sequence:** 5'- CGA G/idSp/CT GCG -3'**Calculated Molecular Weight:** 2919.9**Measured Molecular Weight:** 2919.80

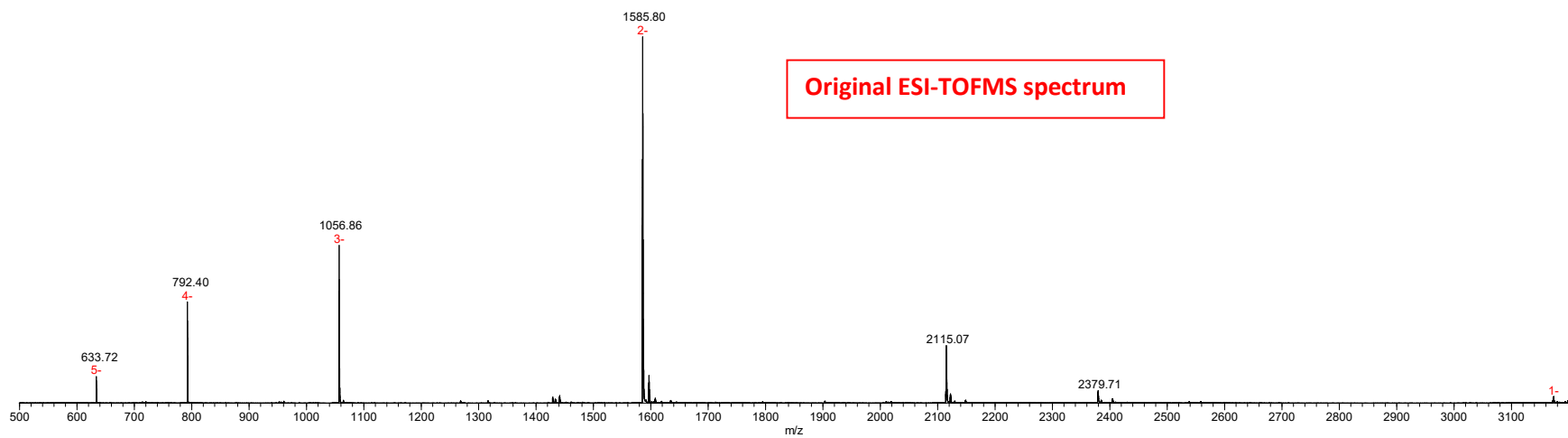
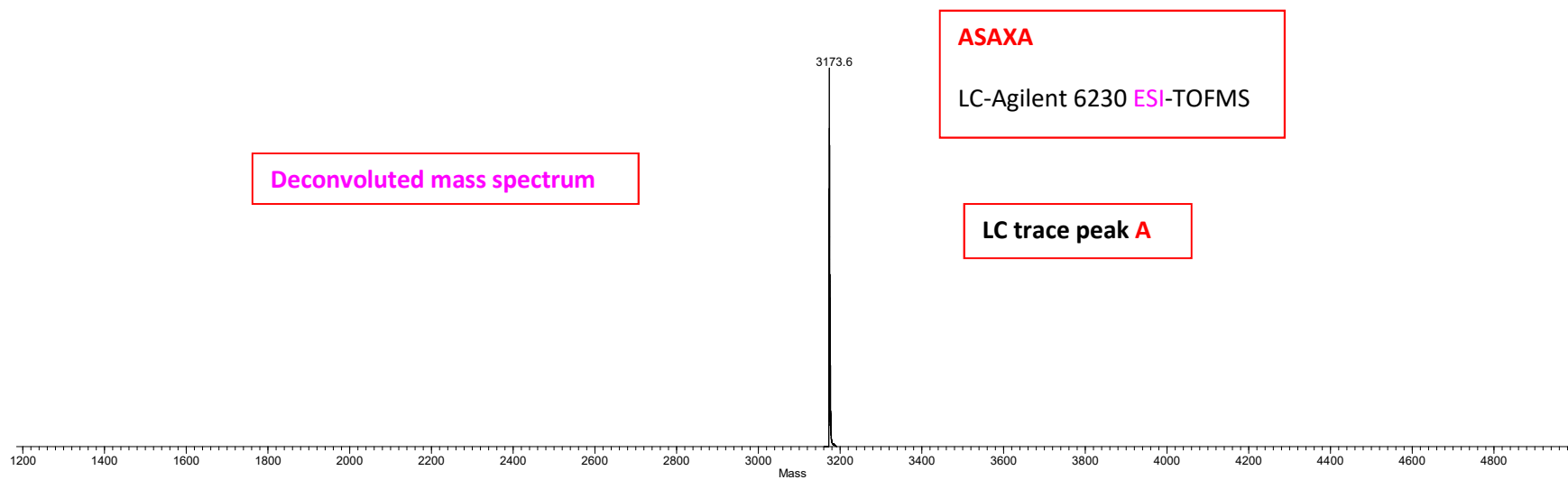
The following oligonucleotides were synthesized by the Keck Oligonucleotide Synthesis Facility at Yale University (New Haven, CT) and analyzed by LC-UV-ESI-TOFMS instrument by UCSD Molecular Mass Spectrometry Facility at University of California San Diego (San Diego, CA). The sequences in the table correspond to the sample ID codes on the spectra.

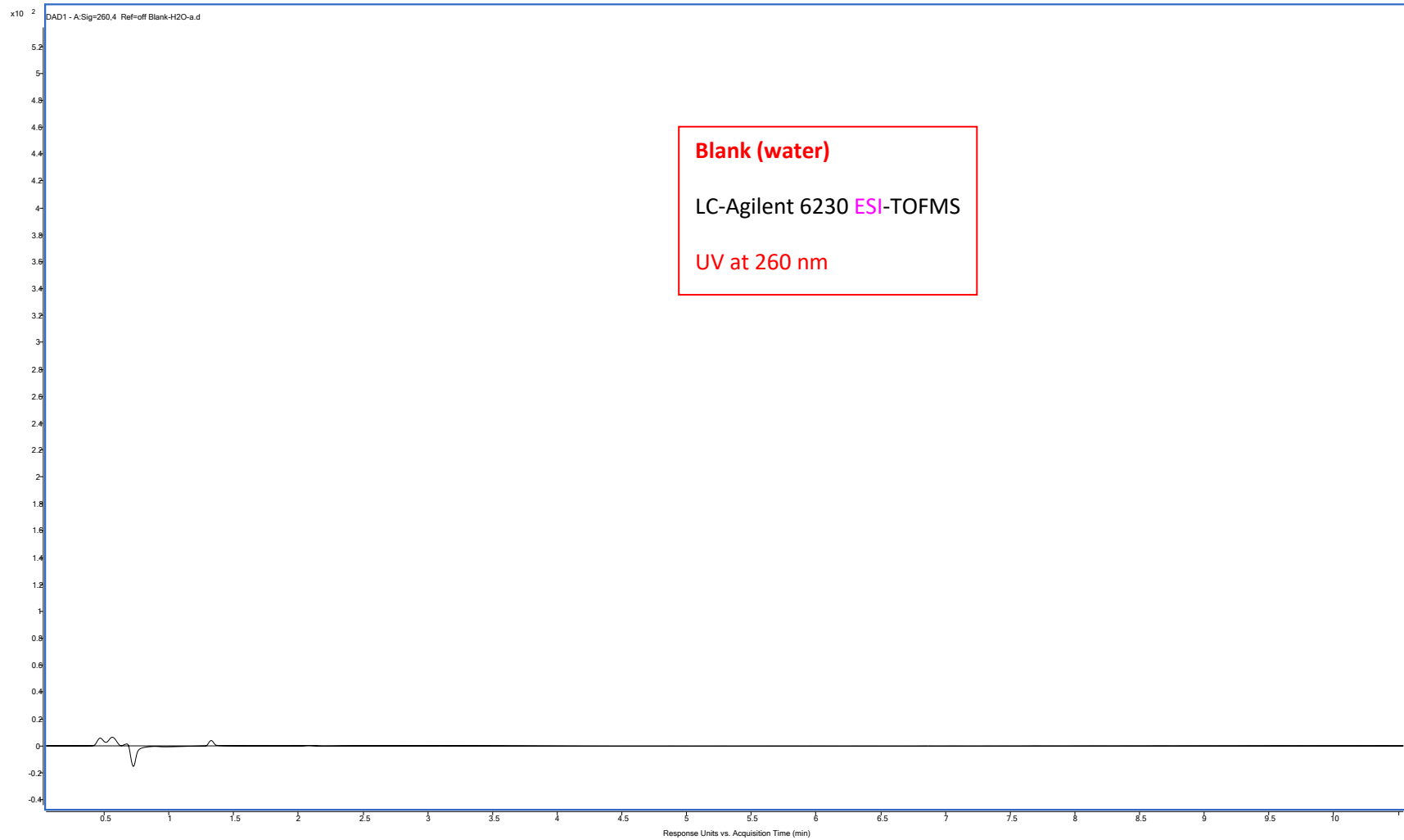
Sequence	Sample ID Code
CGCAAXATCG	ASAXA
CGCAAXATC	1
CGCACXATCG	2
CGCAGXCTCG	3
CGAT/8oxoG/TTGCG	4
CGAT/O6MeG/TTGCG	5
CGAT/Neb/TTGCG	6
CGAT/N6MeA/TTGCG	7
CGAT/N6MeA/GTGCG	8
CGAT/Neb/GTGCG	9
CGAT/O6MeG/GTGCG	10
CGAT/8oxoG/GTGCG	11
CGAG/8oxoG/CTGCG	12
CGAG/O6MeG/CTGCG	13
CGAG/Neb/CTGCG	14
CGAG/N6MeA/CTGCG	15

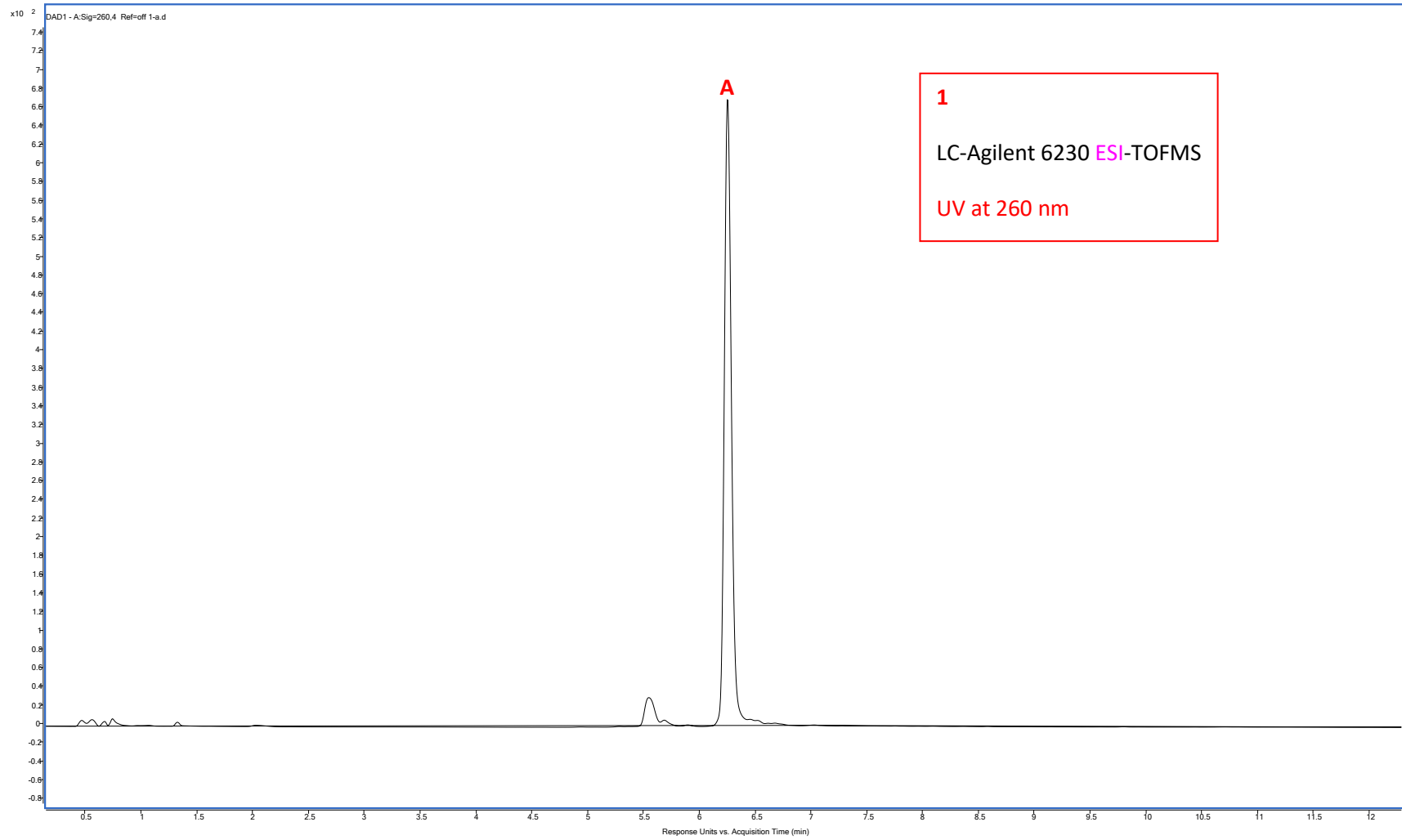


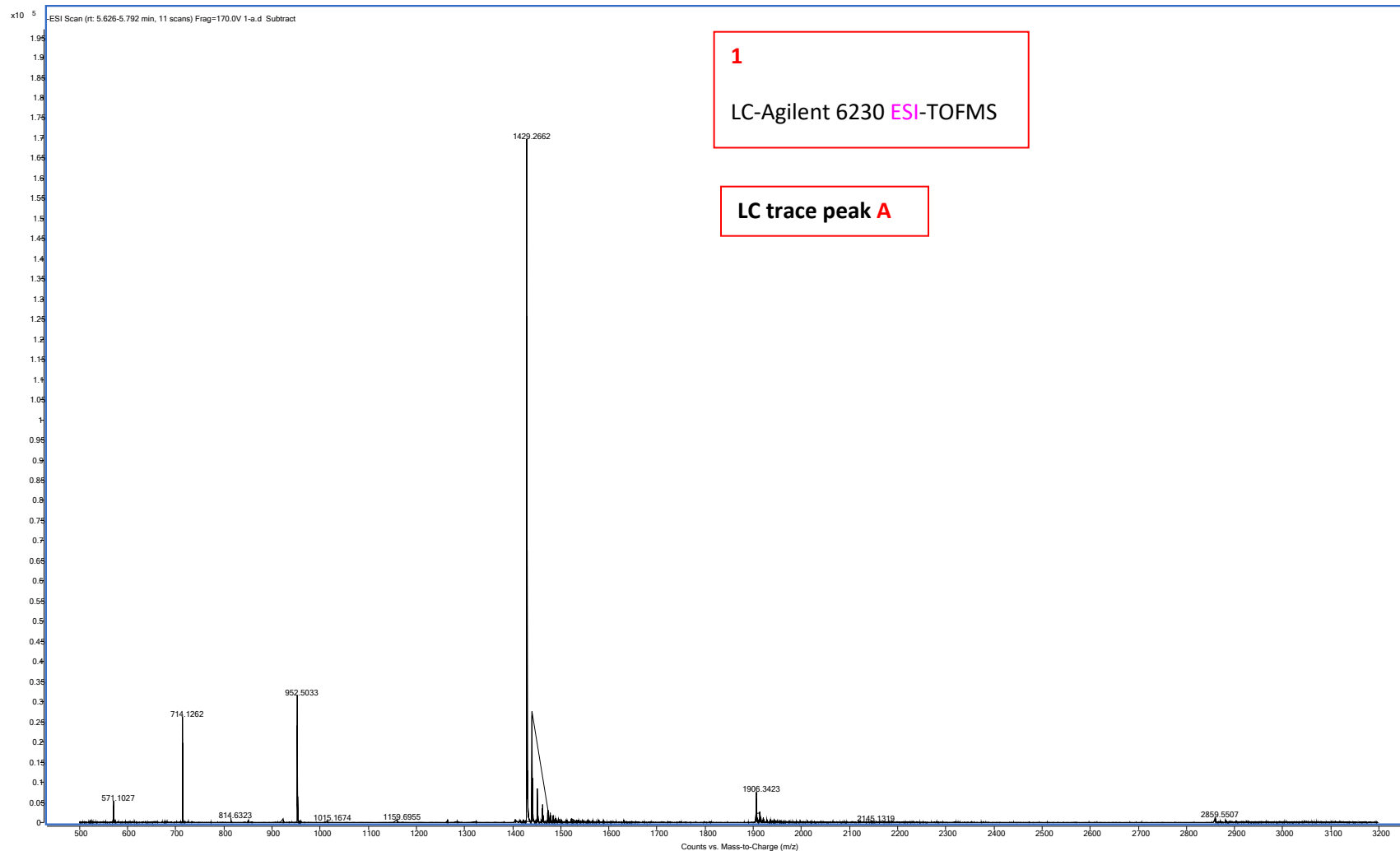








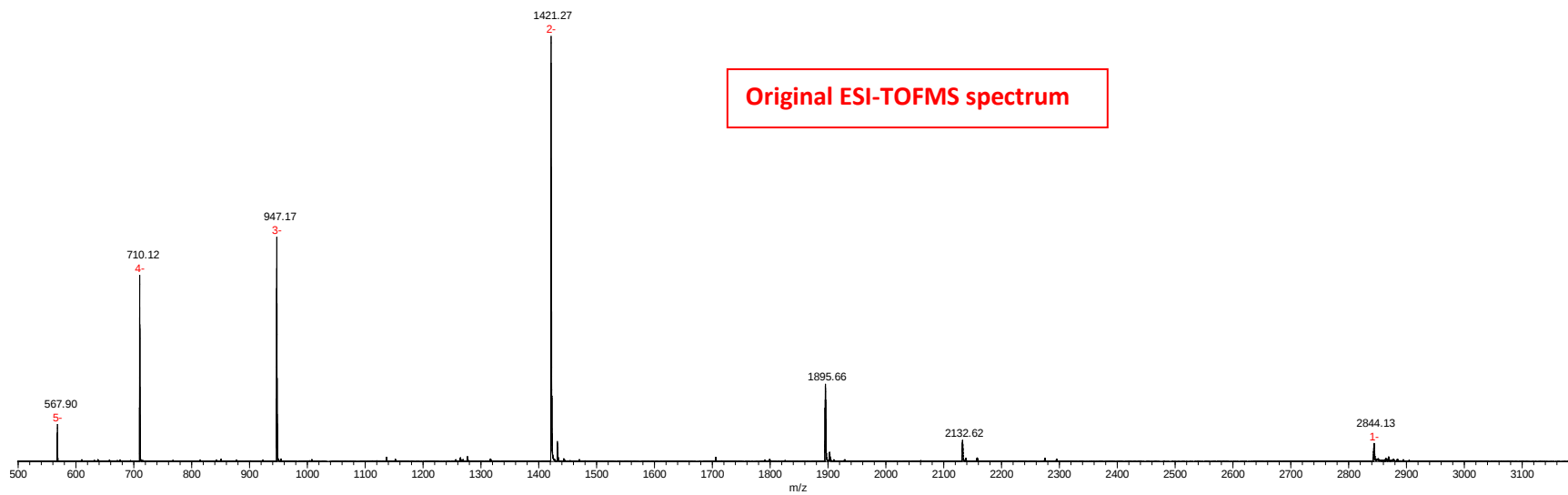
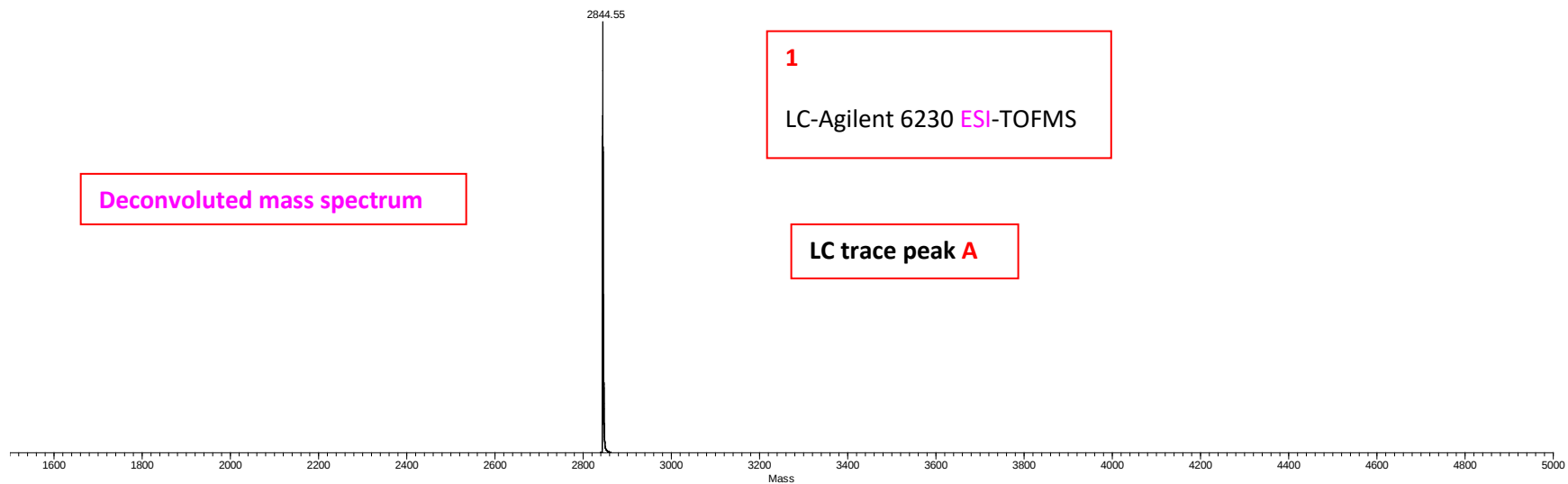


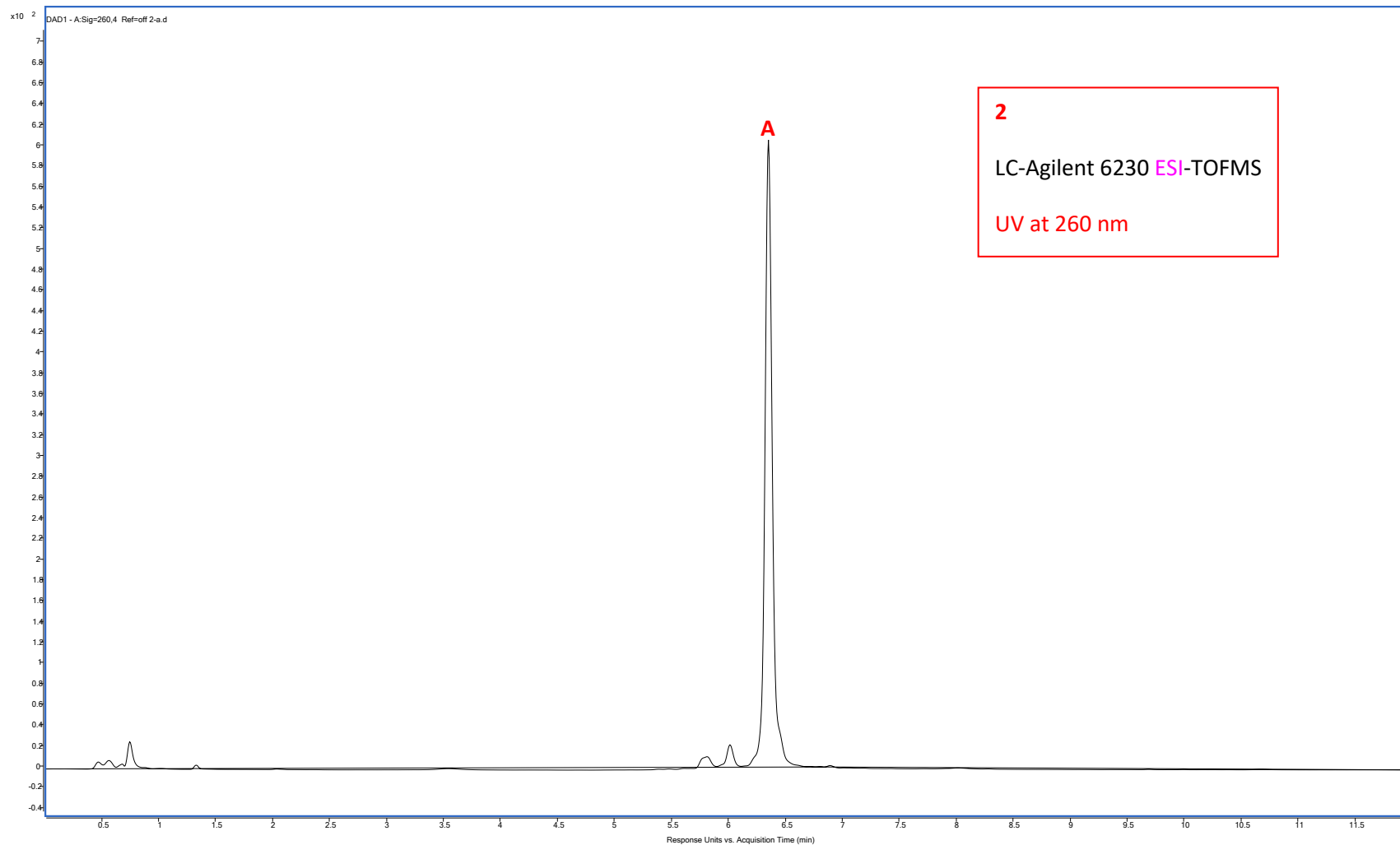


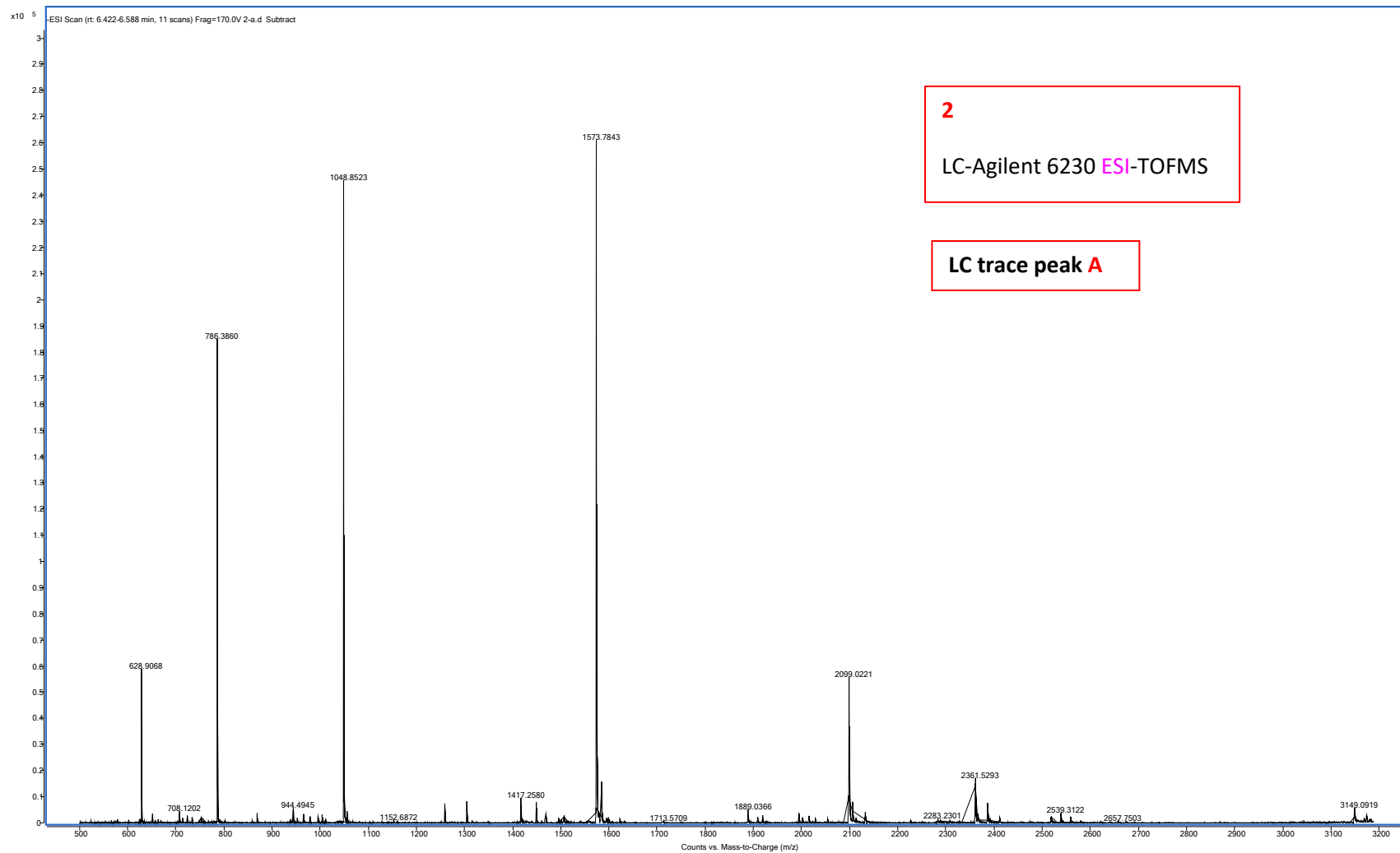
1

LC-Agilent 6230 ESI-TOFMS

LC trace peak **A**







2

LC-Agilent 6230 ESI-TOFMS

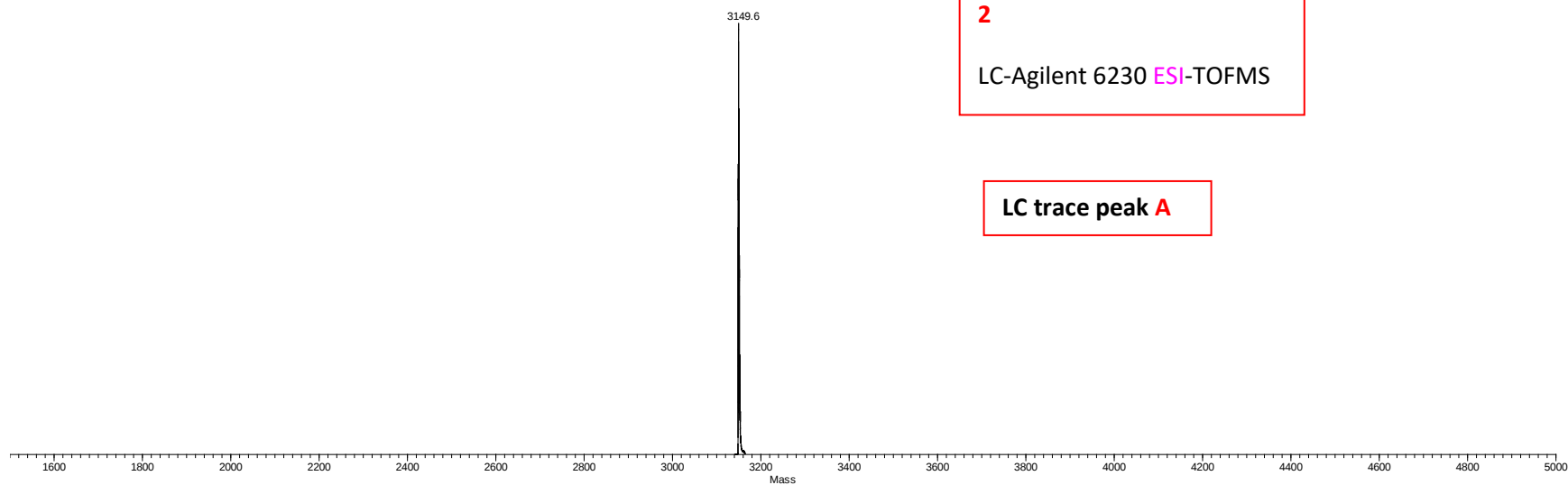
LC trace peak A

Deconvoluted mass spectrum

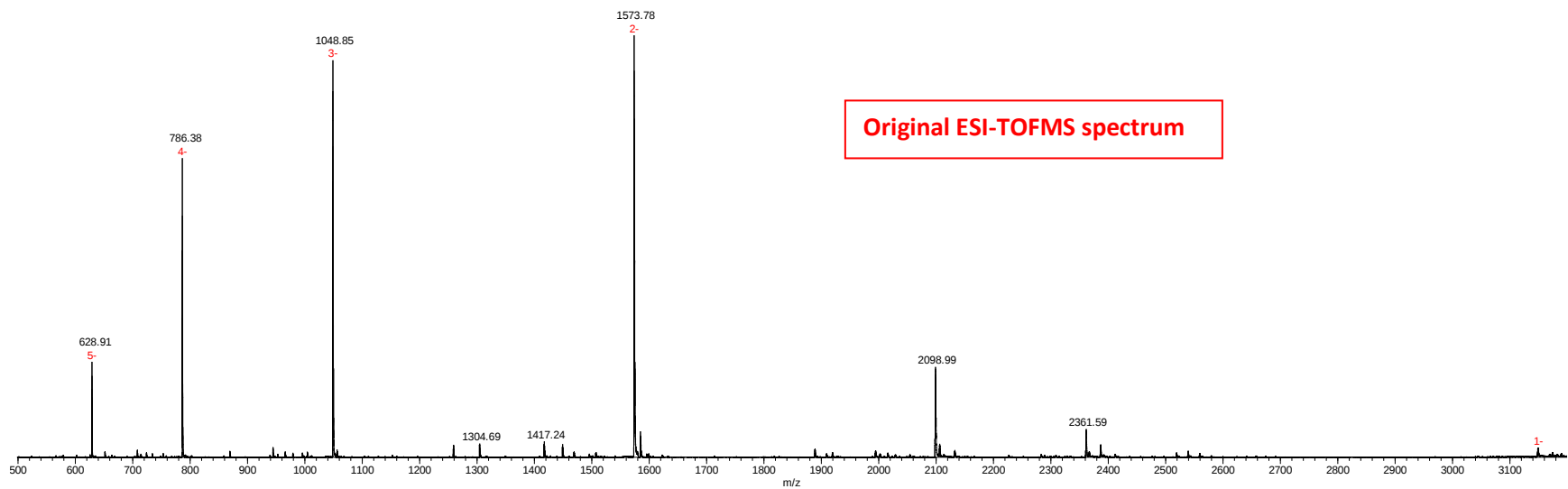
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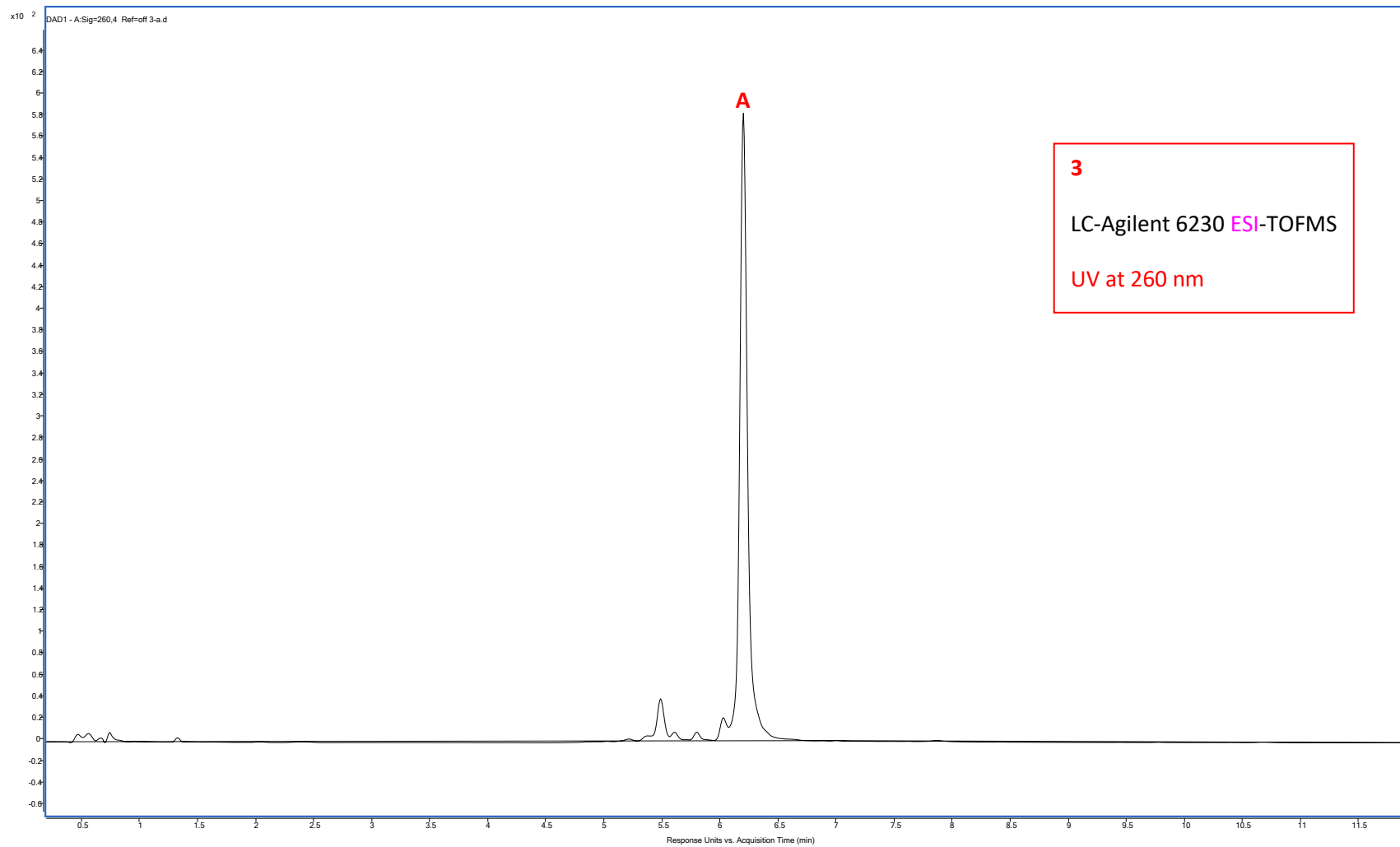
LC-Agilent 6230 ESI-TOFMS

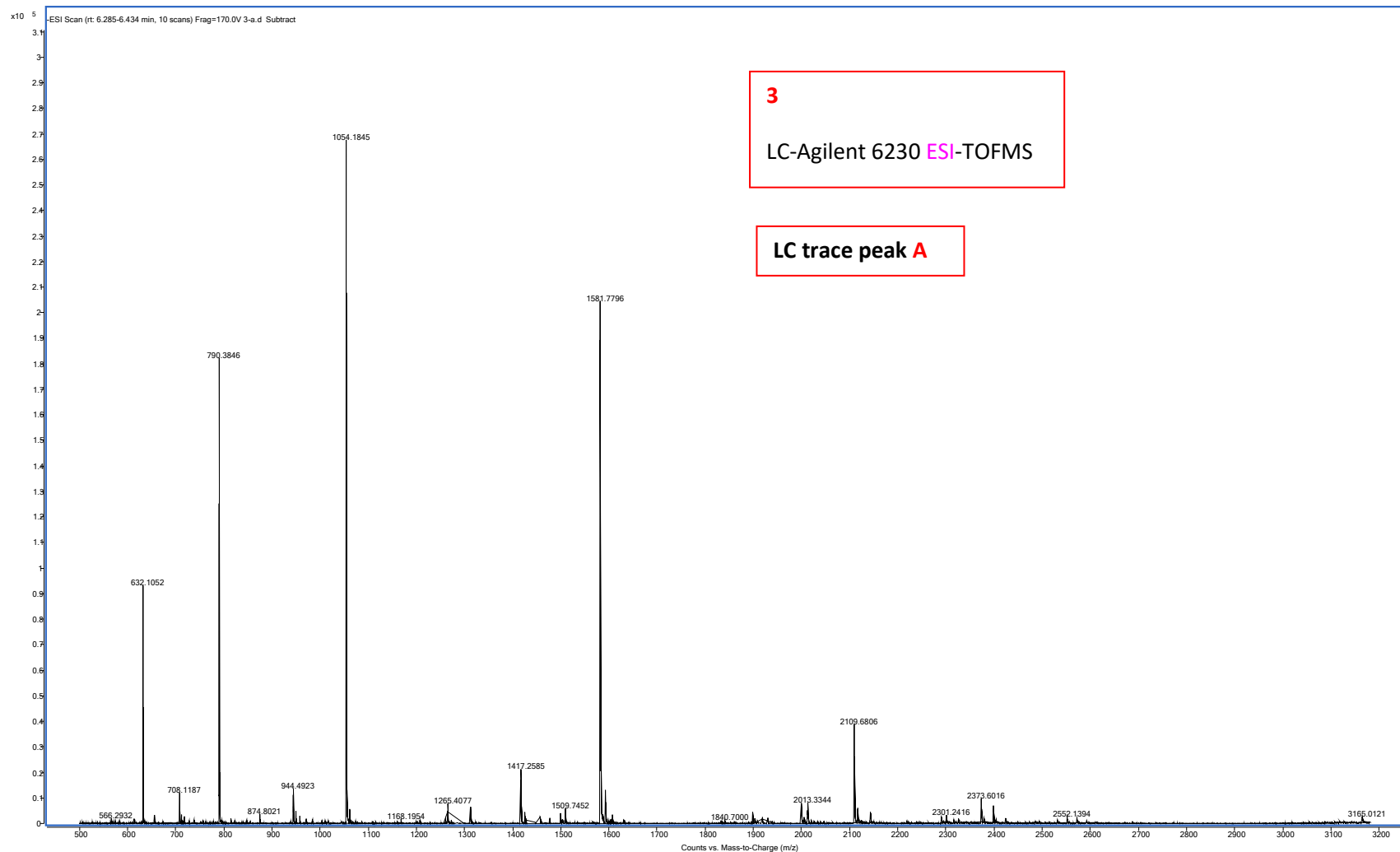
LC trace peak A



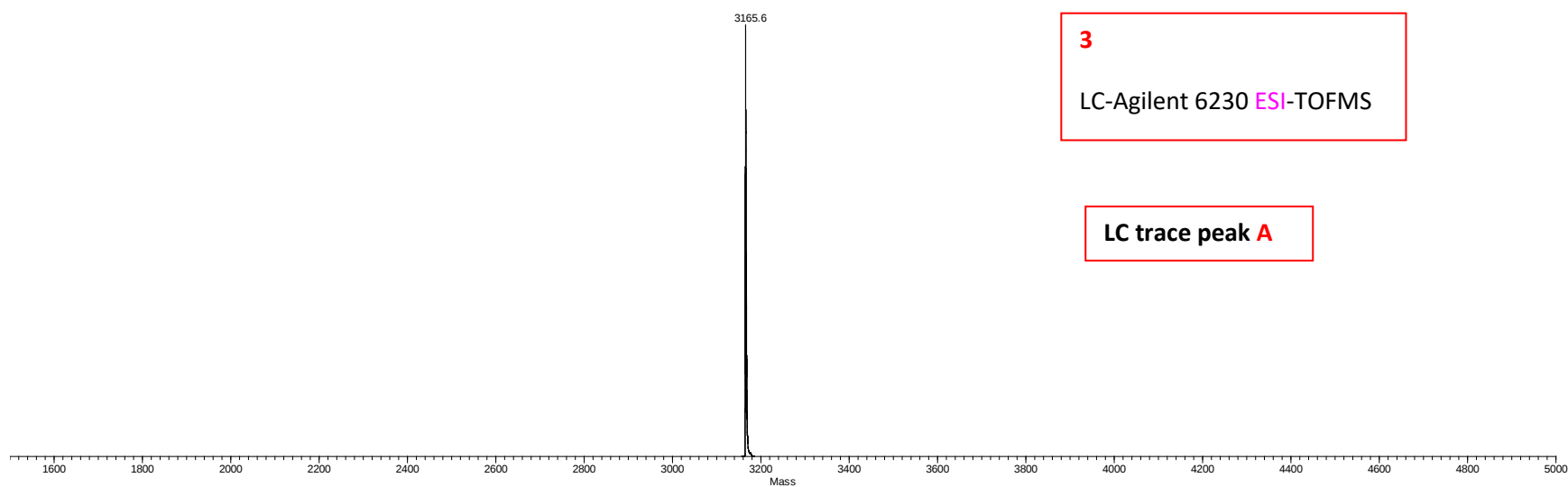
Original ESI-TOFMS spectrum







Deconvoluted mass spectrum

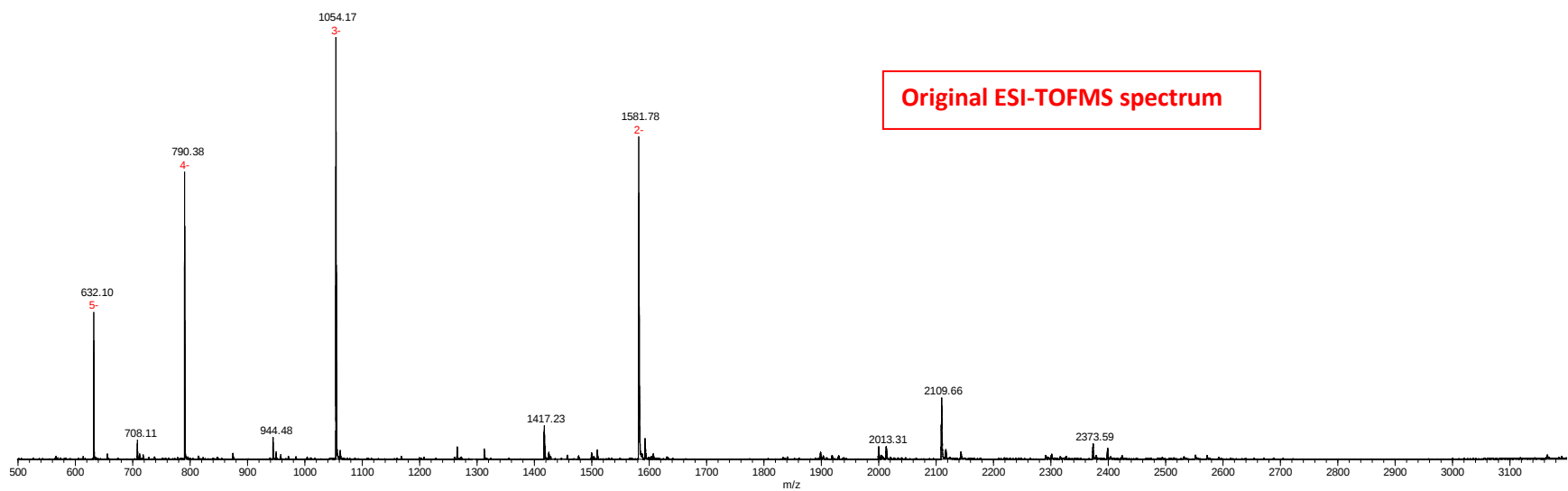


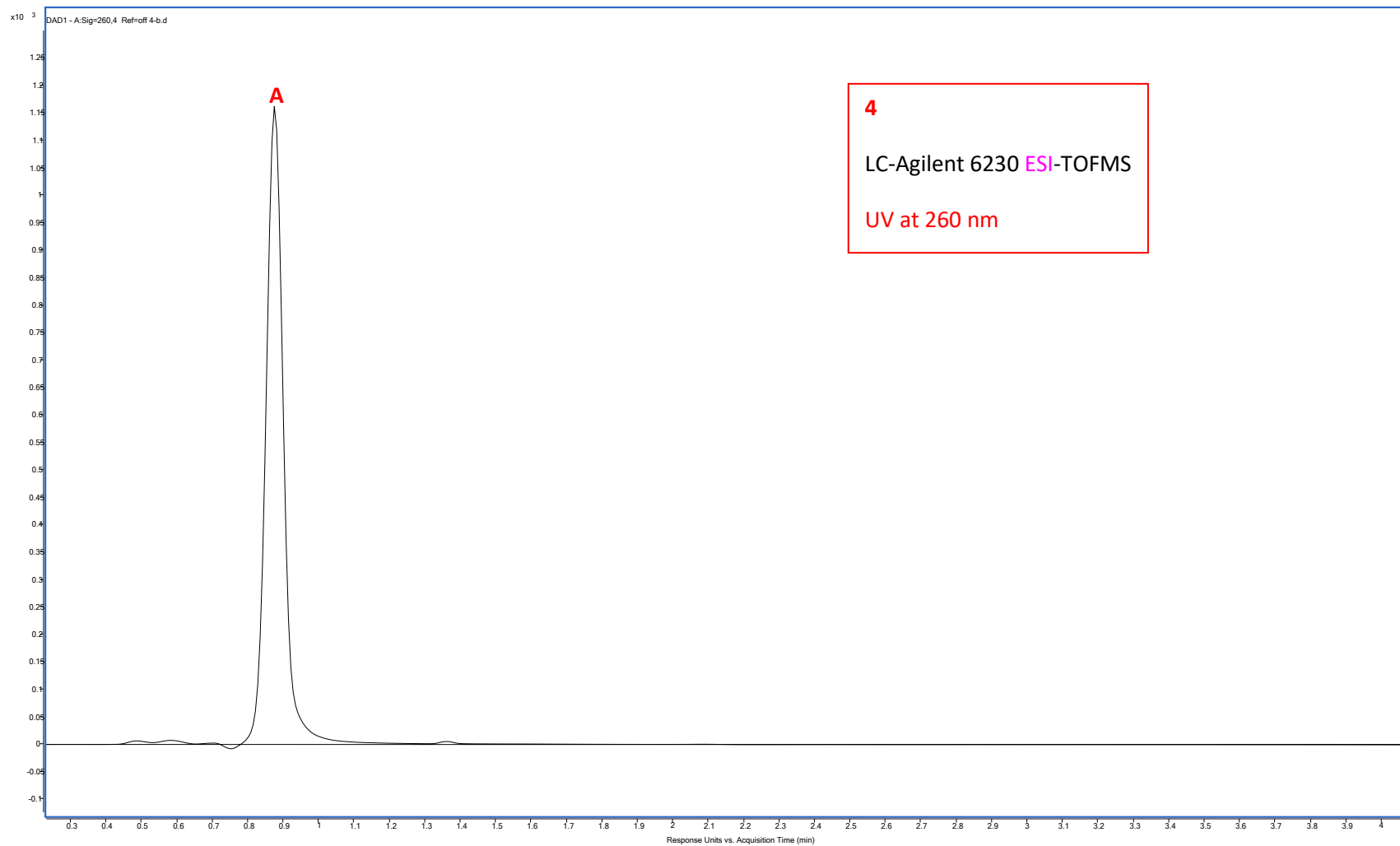
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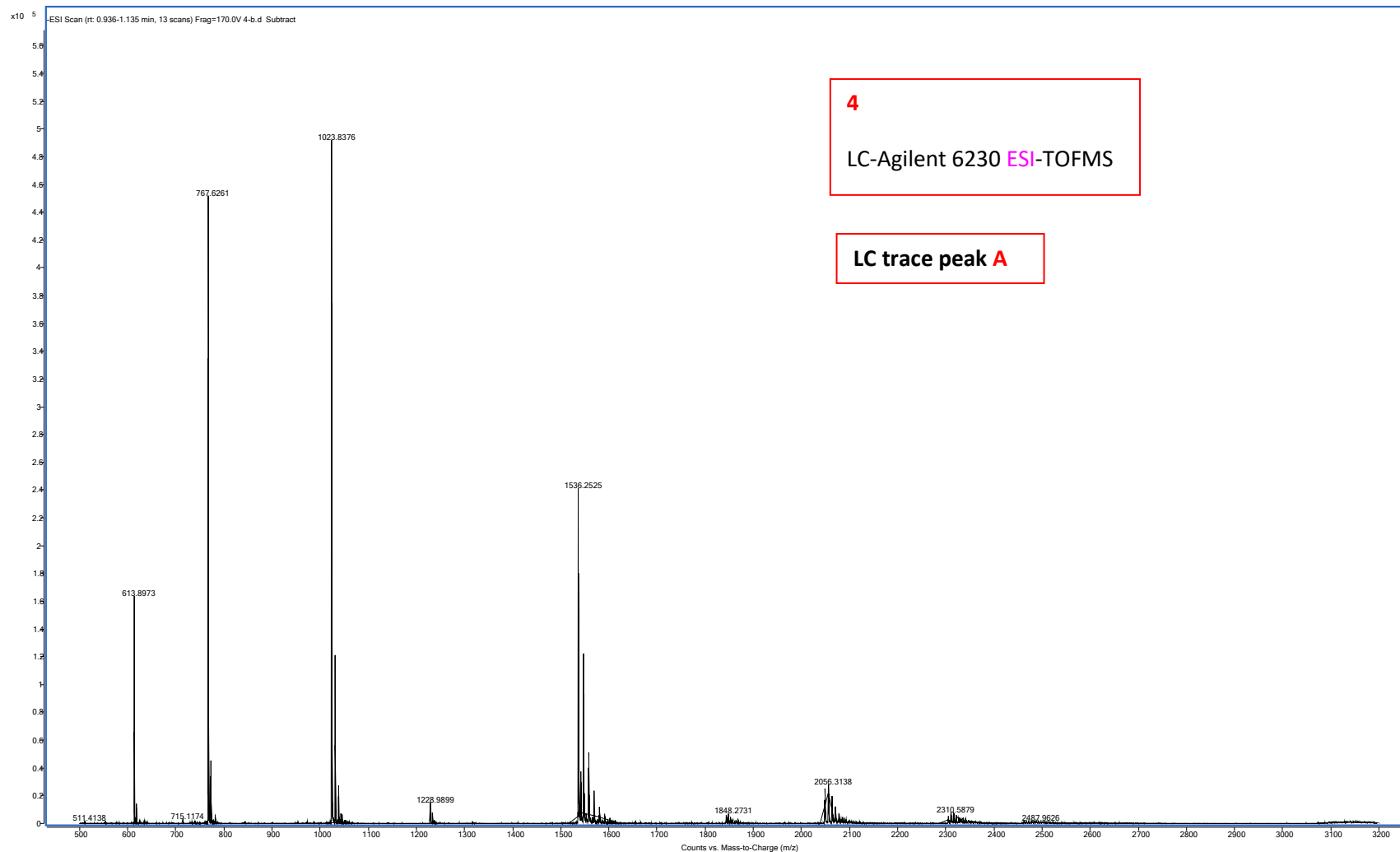
LC-Agilent 6230 ESI-TOFMS

LC trace peak A

Original ESI-TOFMS spectrum







4

LC-Agilent 6230 ESI-TOFMS

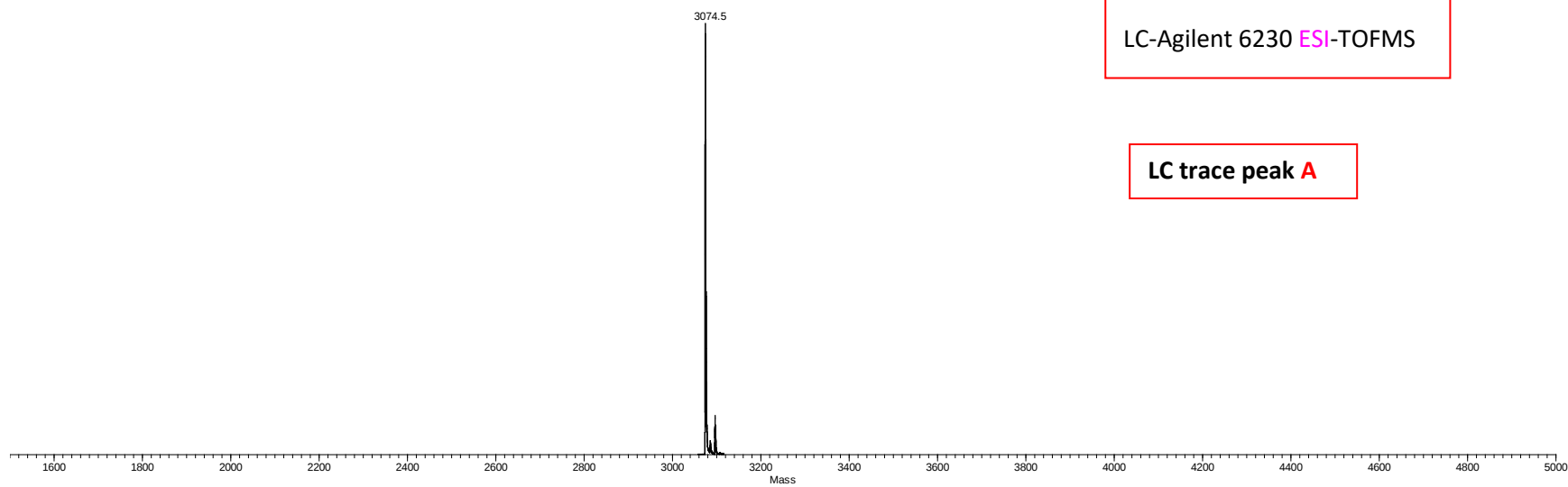
LC trace peak A

Deconvoluted mass spectrum

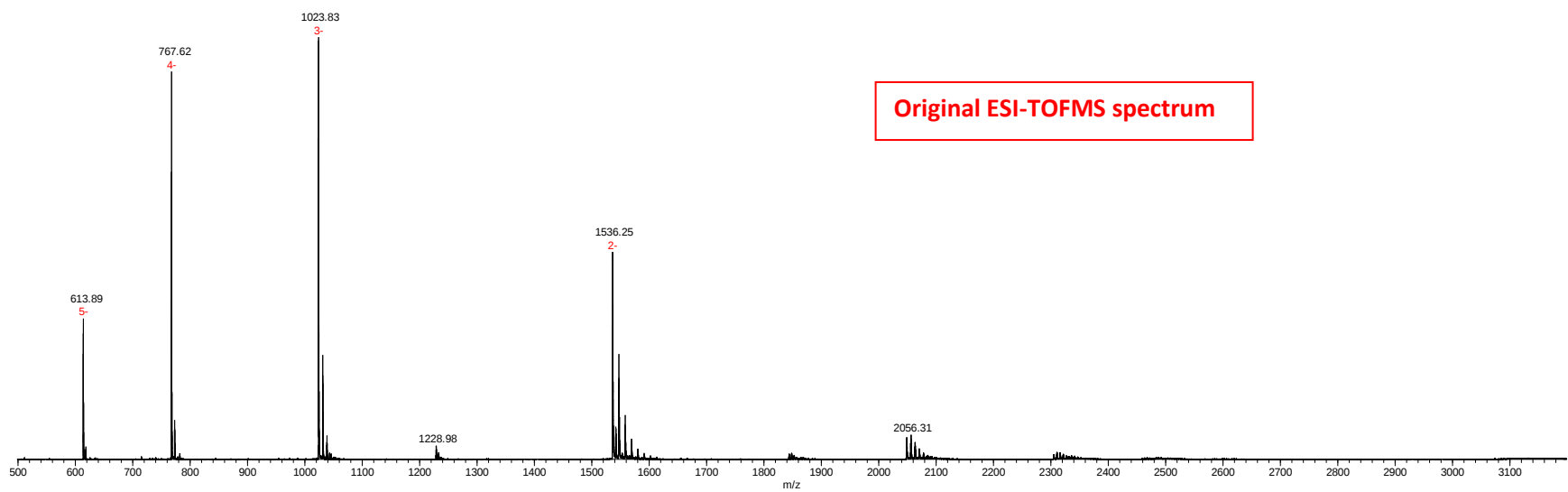
4

LC-Agilent 6230 ESI-TOFMS

LC trace peak A



Original ESI-TOFMS spectrum



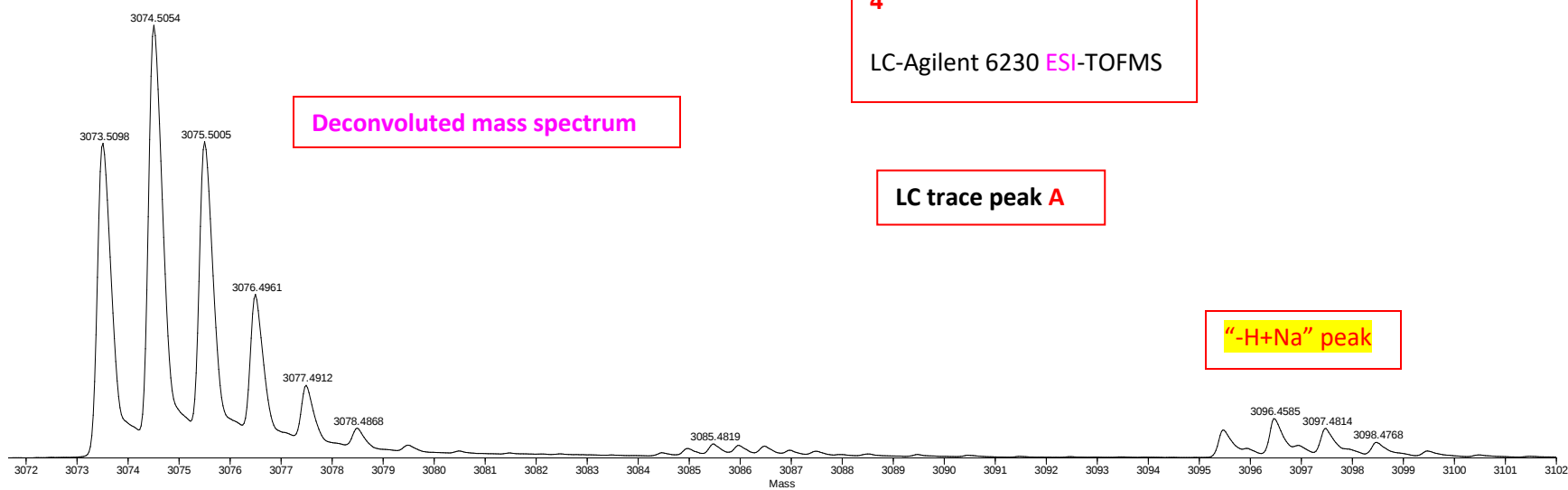
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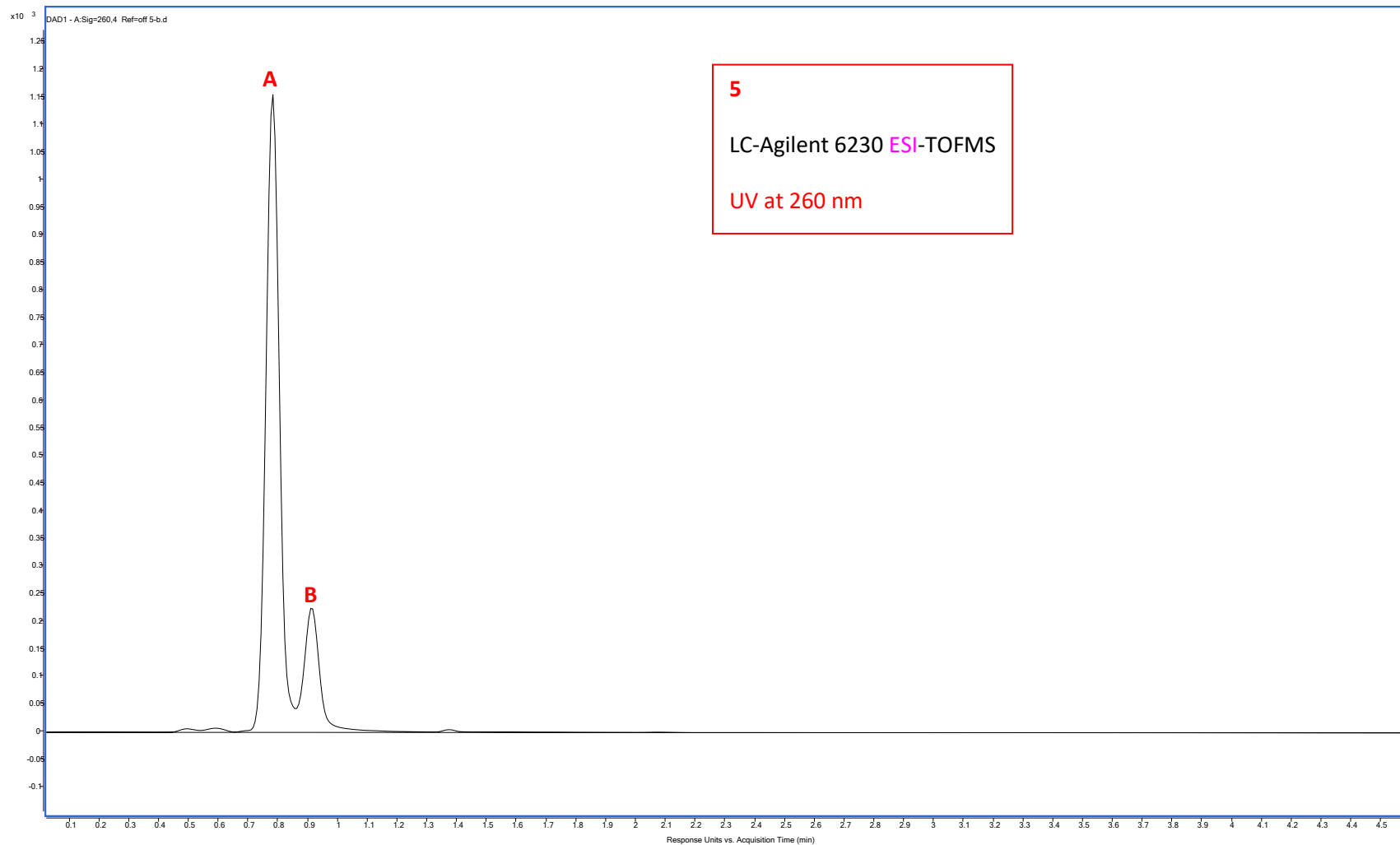
LC-Agilent 6230 ESI-TOFMS

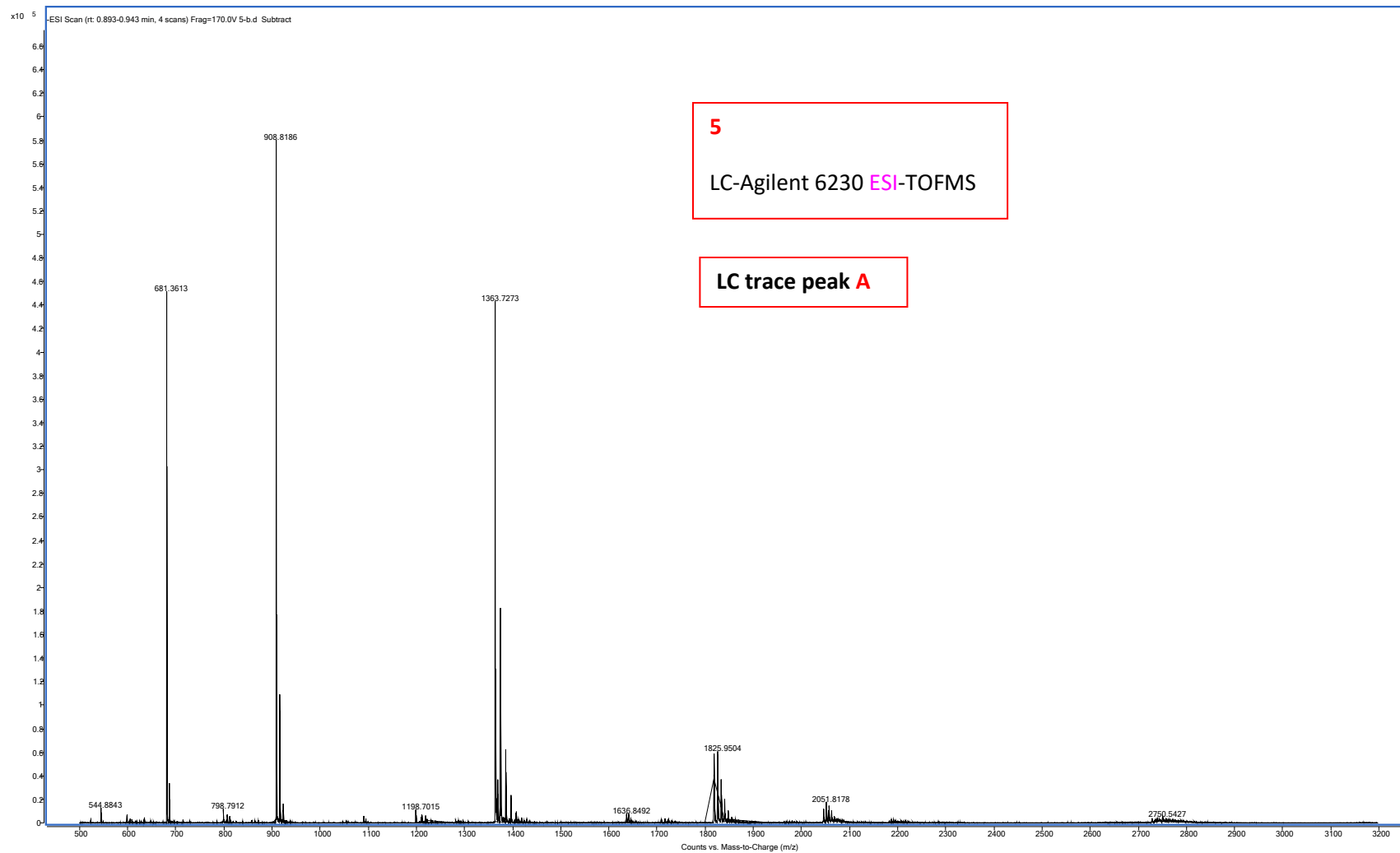
Deconvoluted mass spectrum

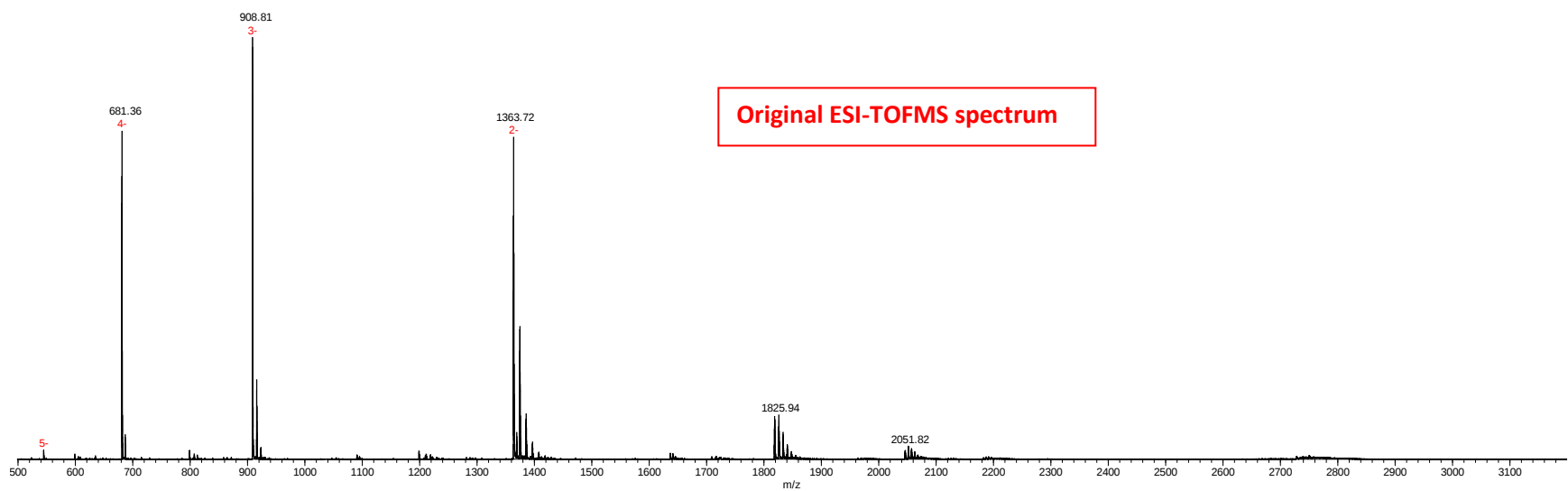
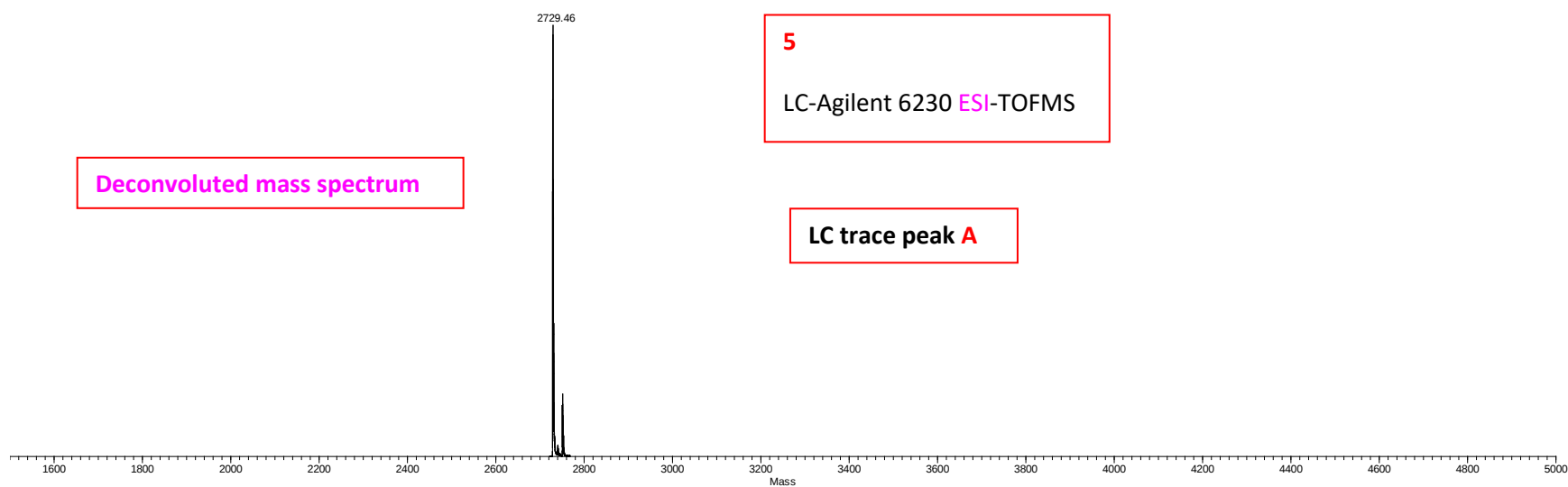
LC trace peak A

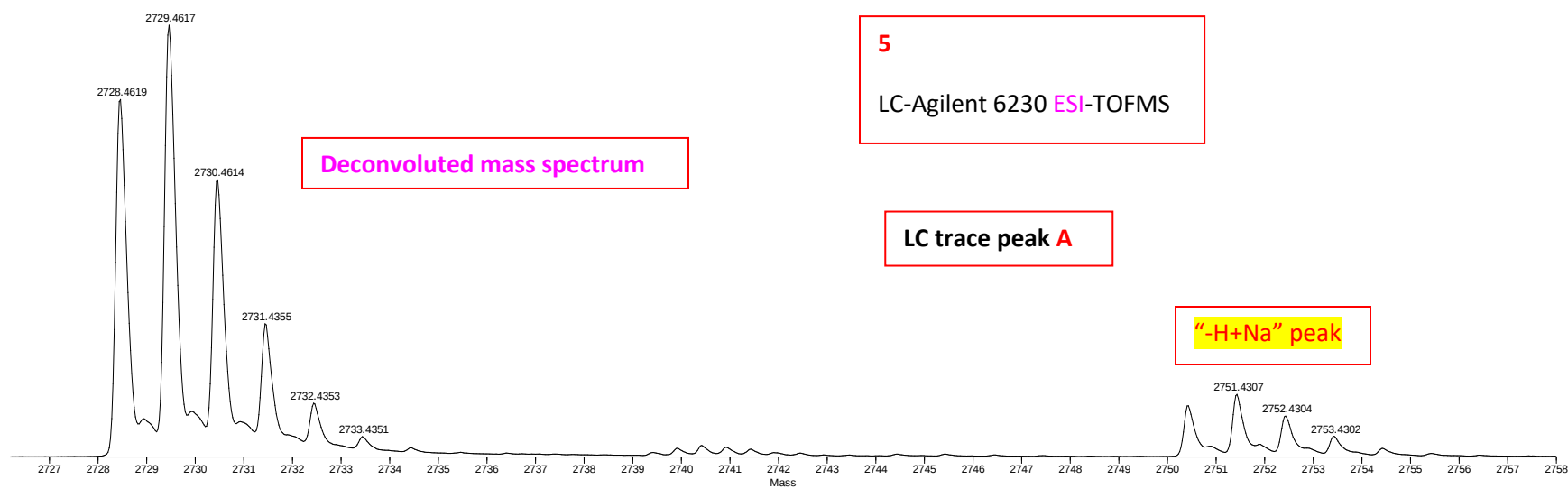
"-H+Na" peak

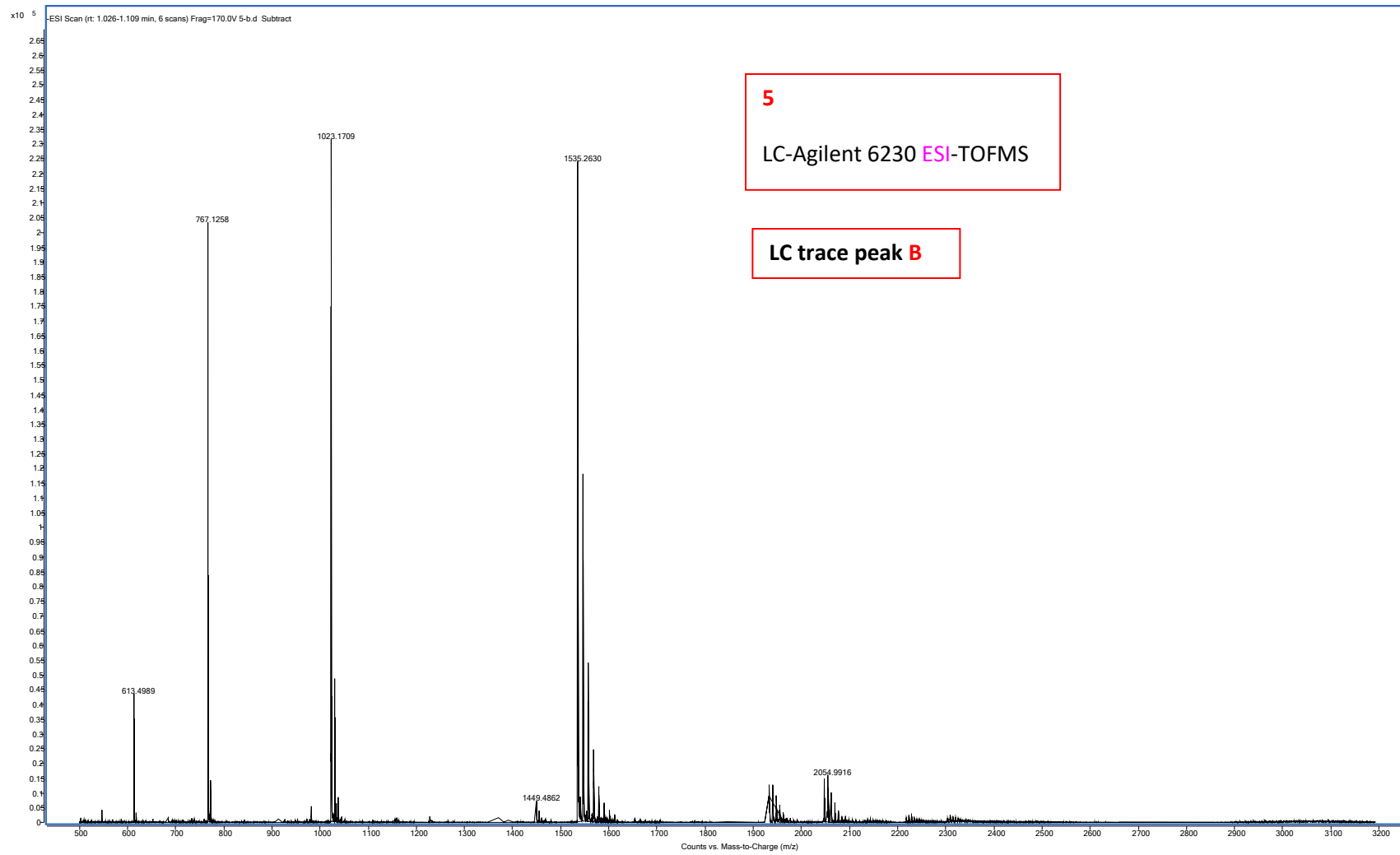






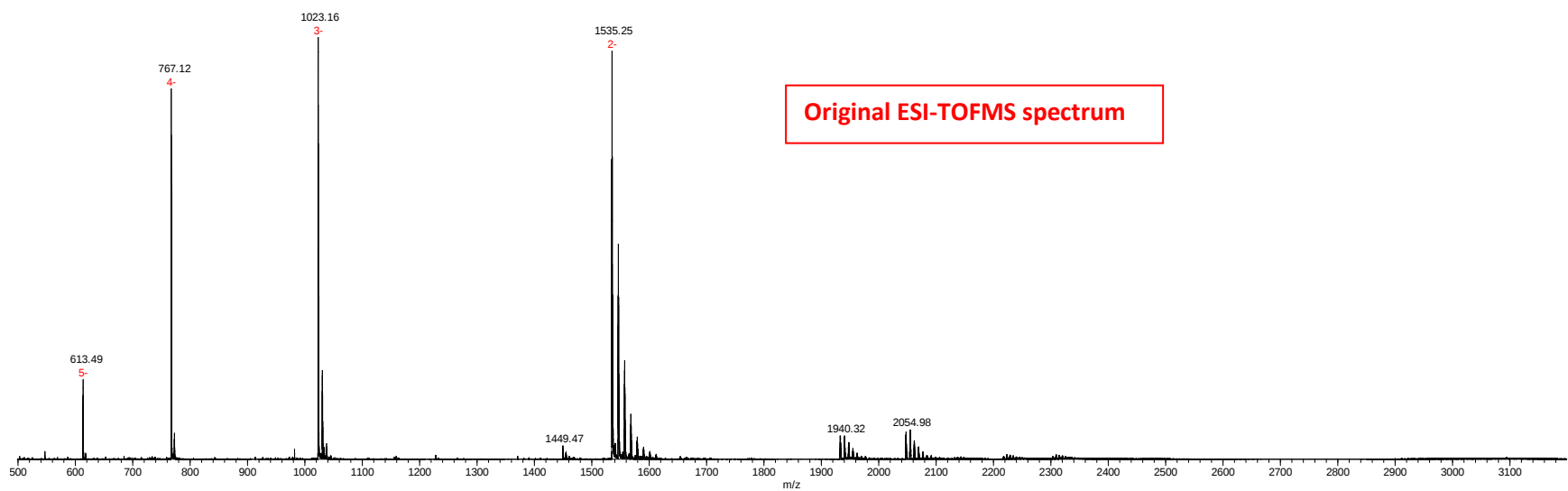
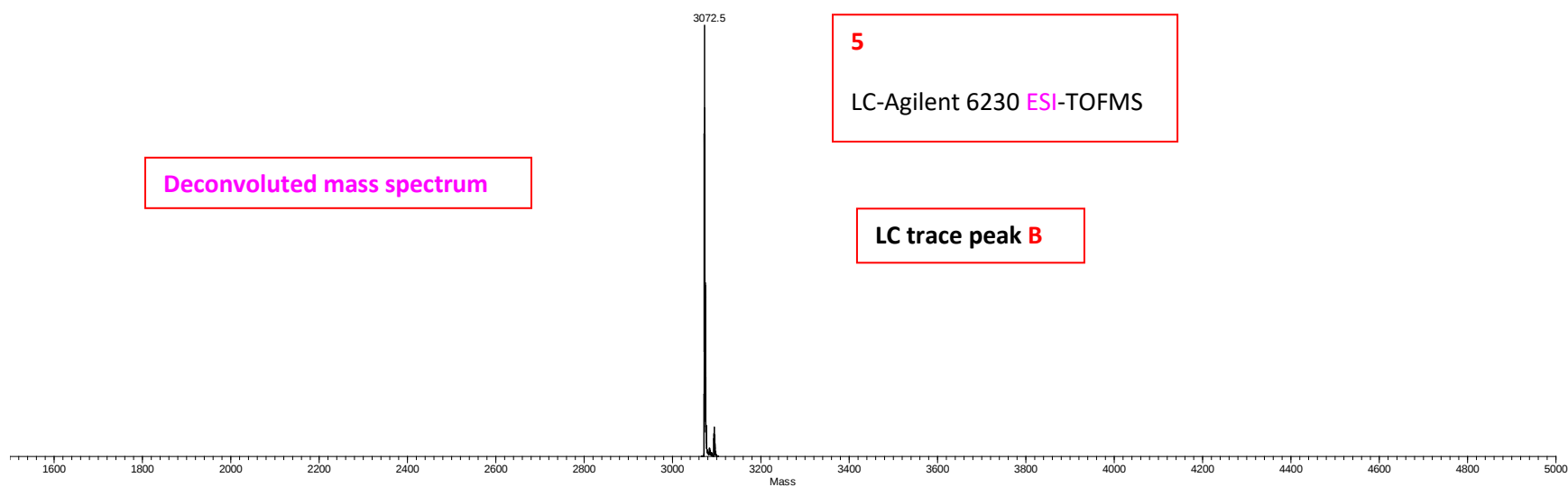


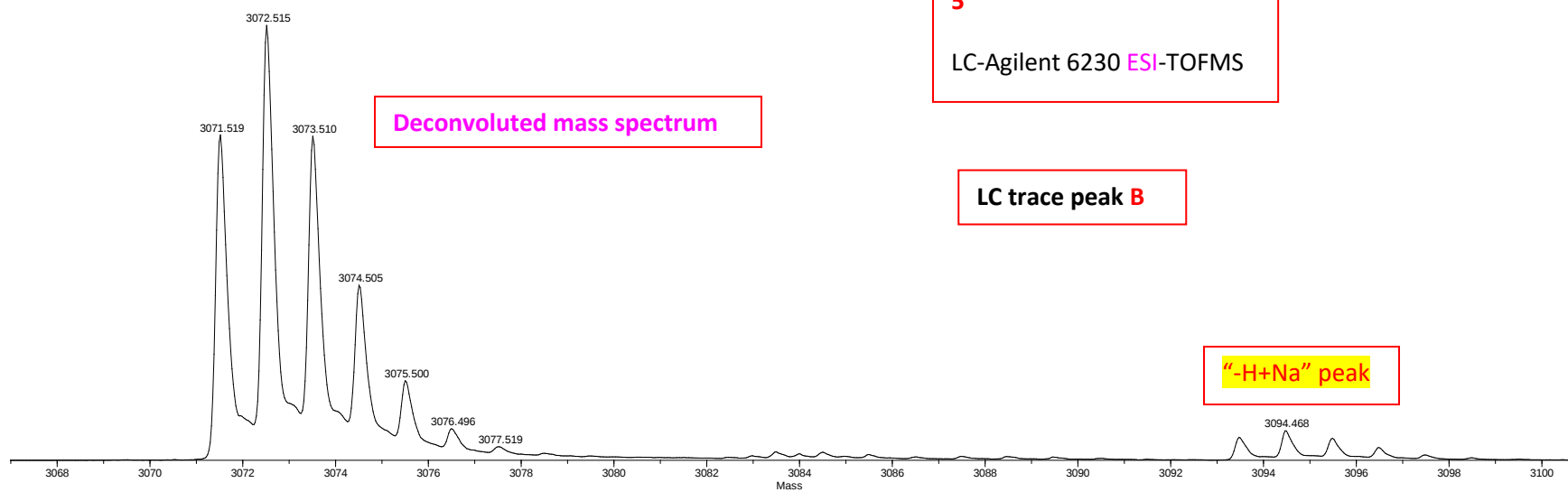


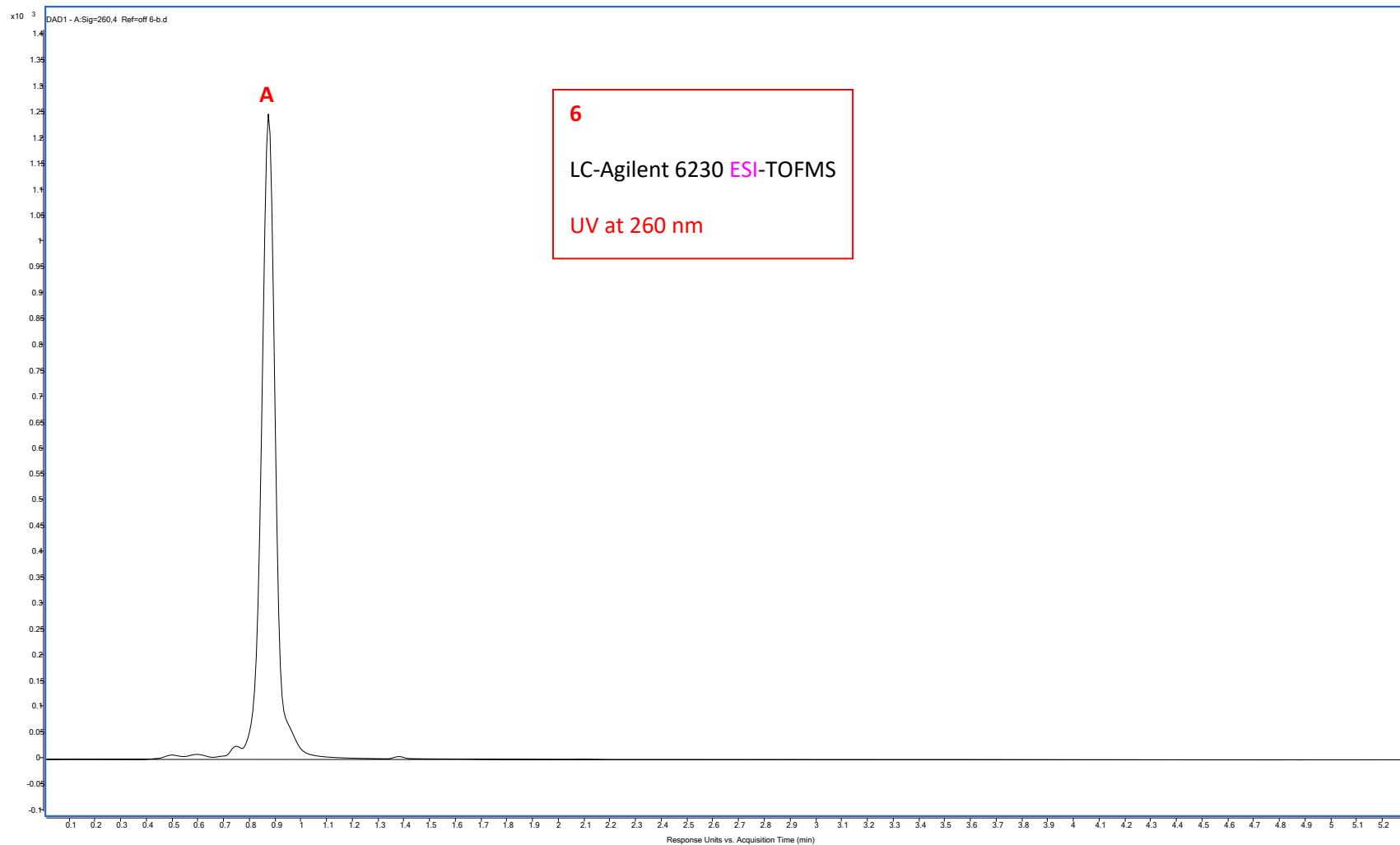


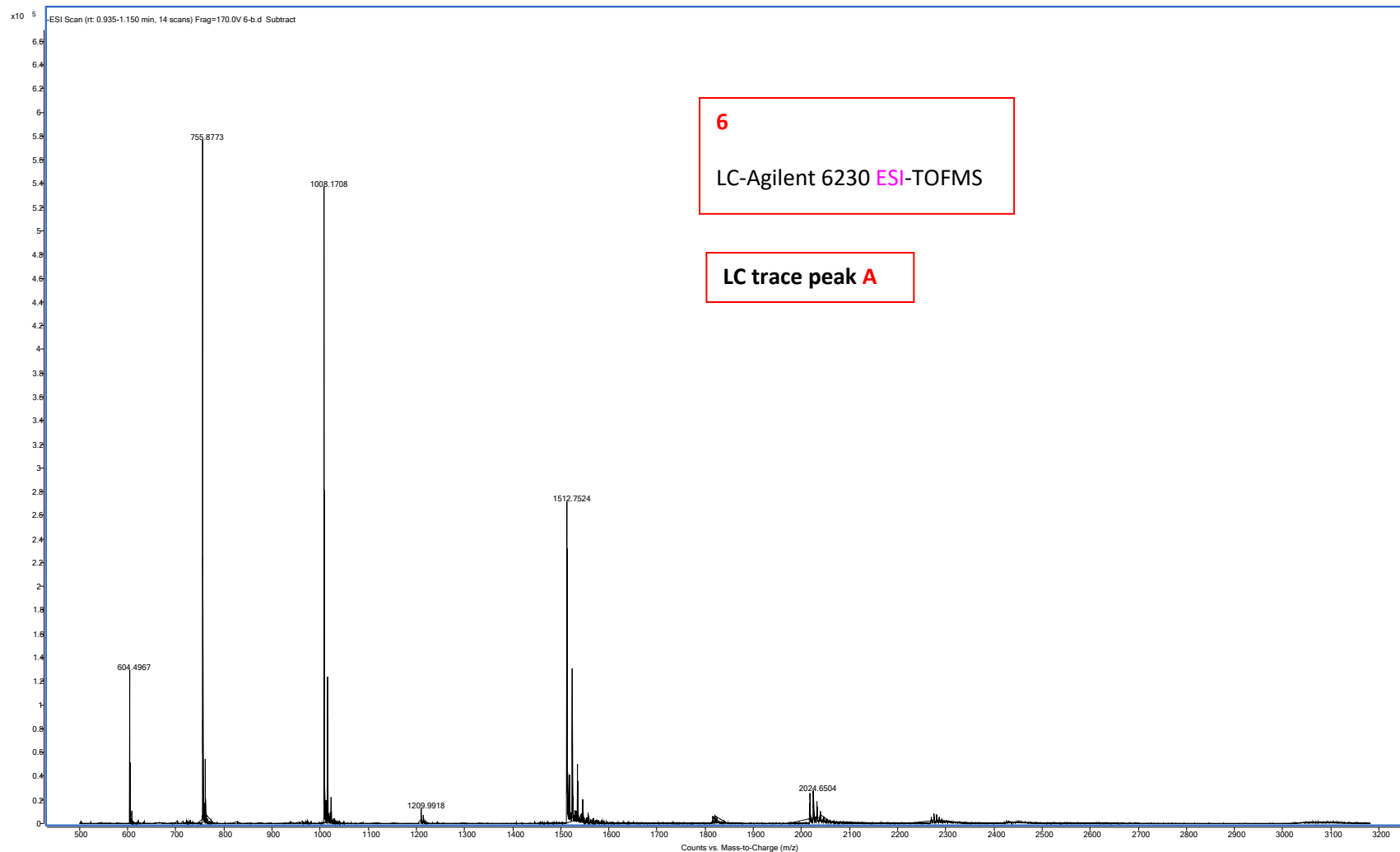
5
LC-Agilent 6230 ESI-TOFMS

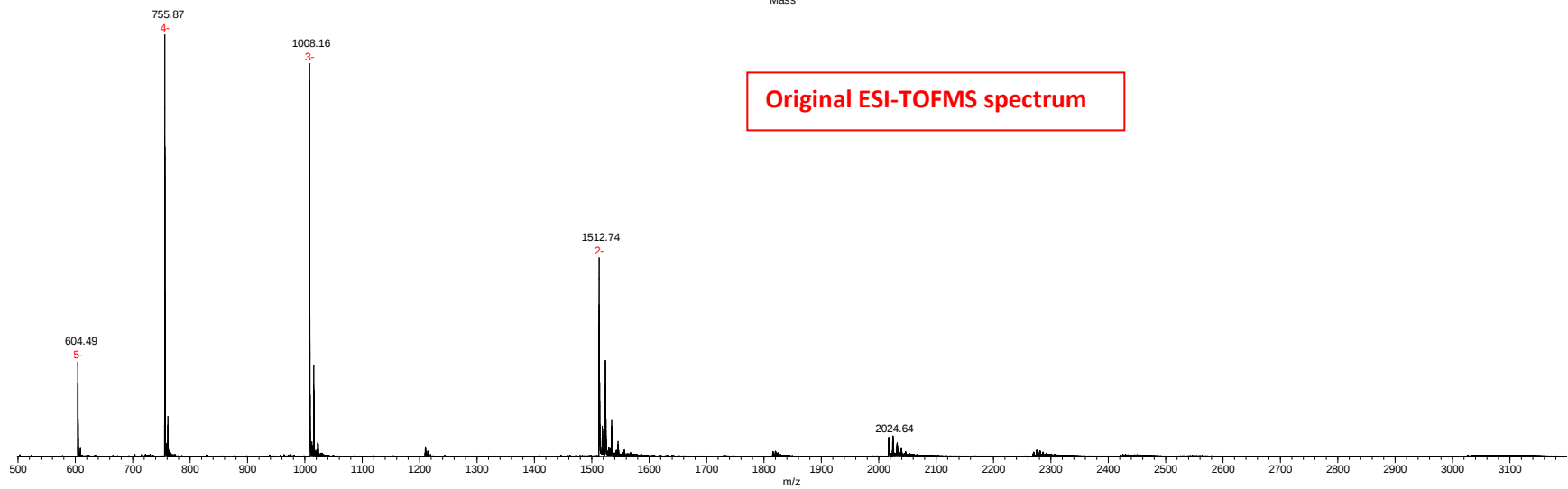
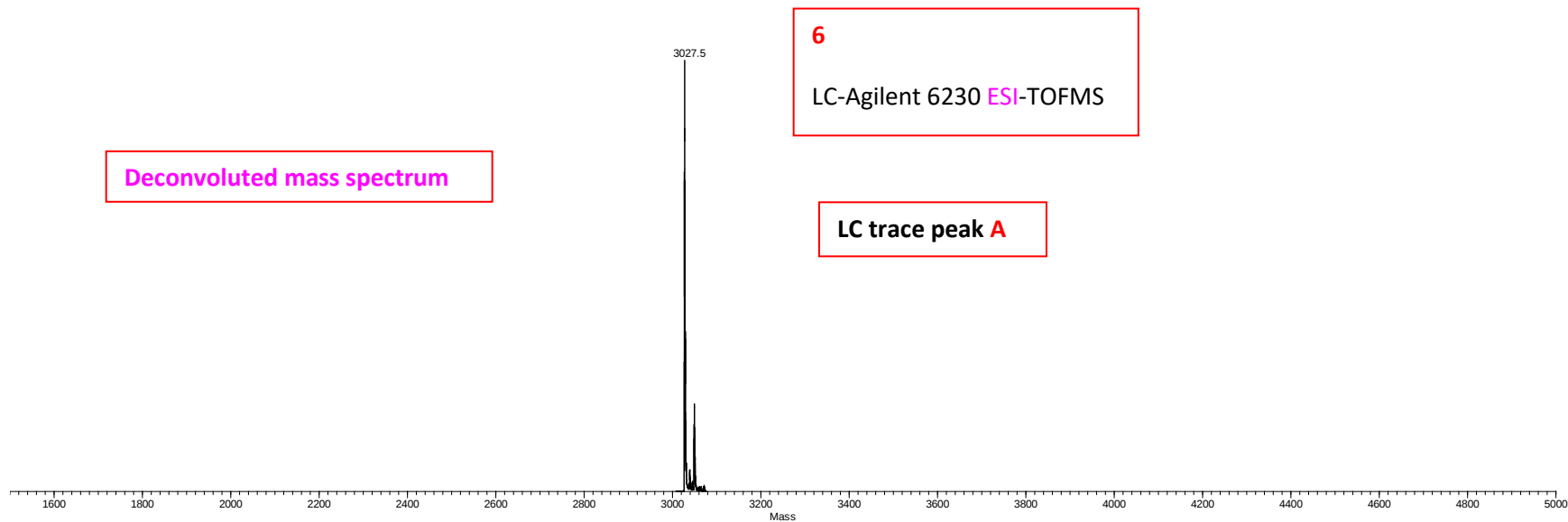
LC trace peak **B**











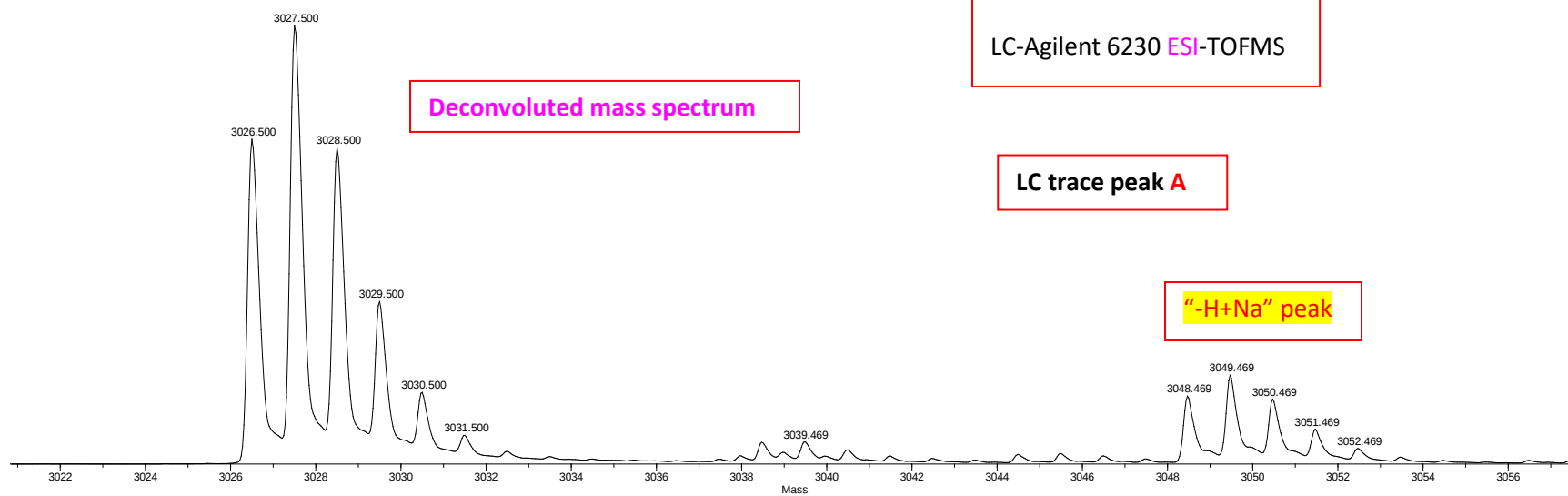
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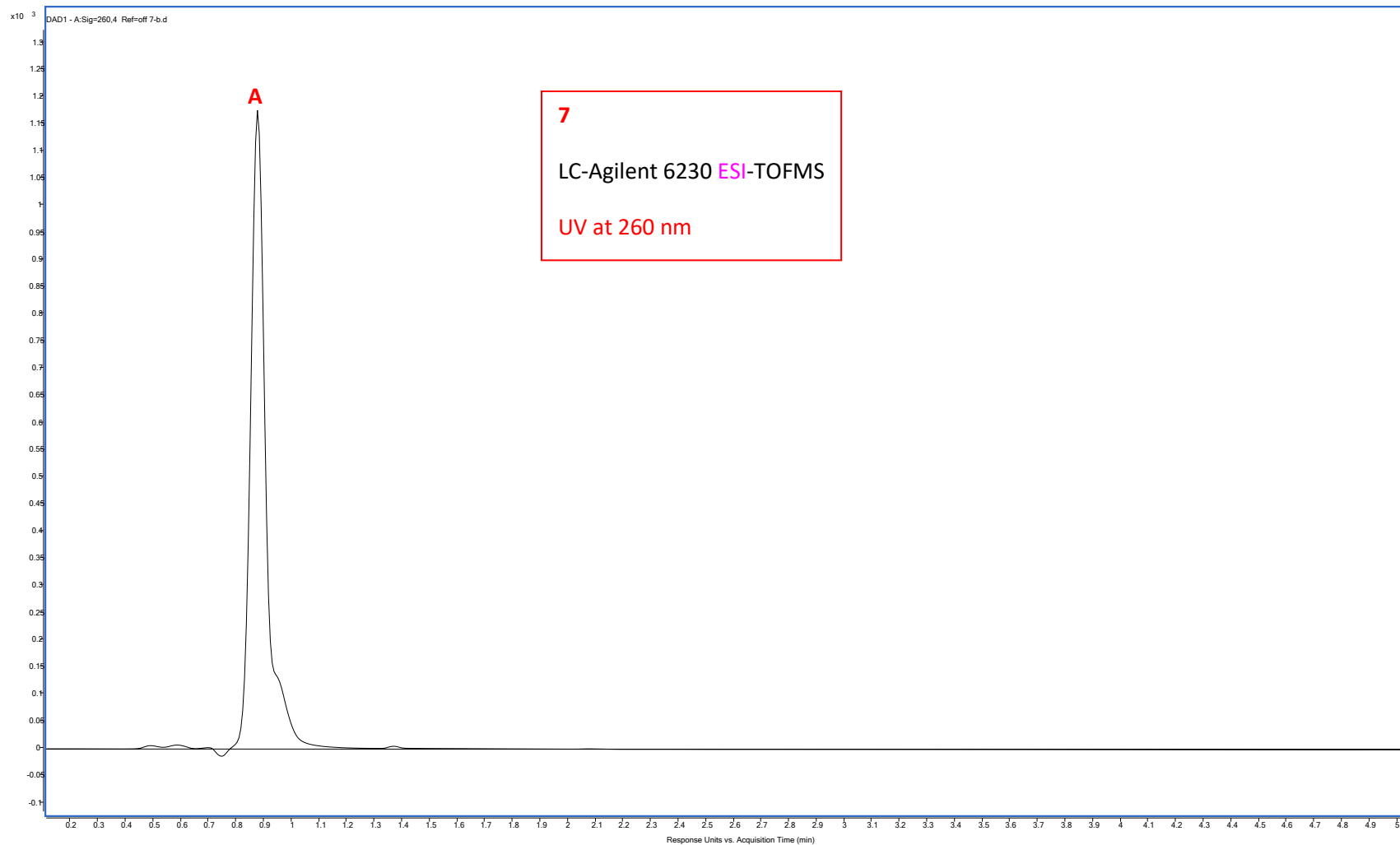
LC-Agilent 6230 ESI-TOFMS

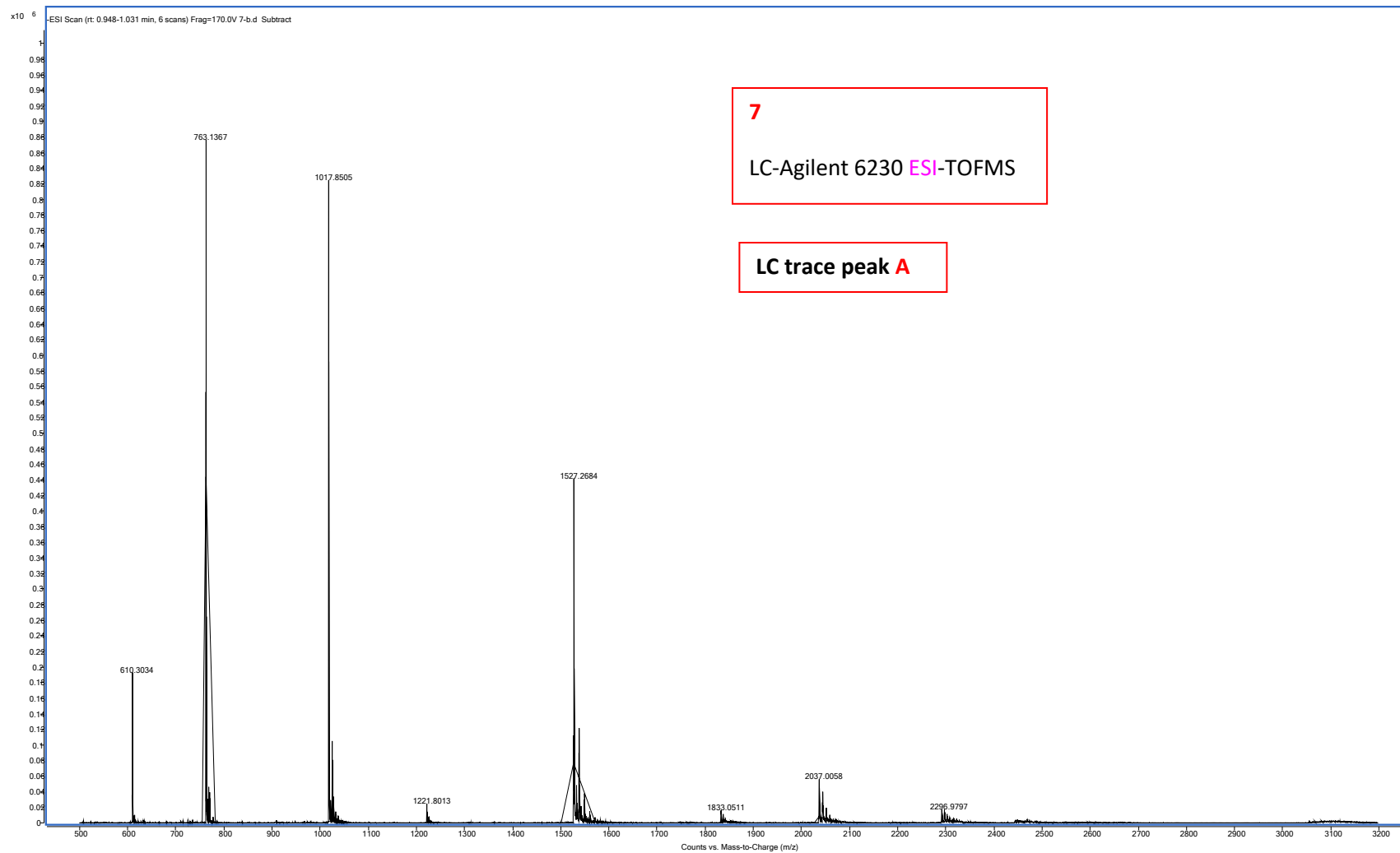
Deconvoluted mass spectrum

LC trace peak A

"-H+Na" peak



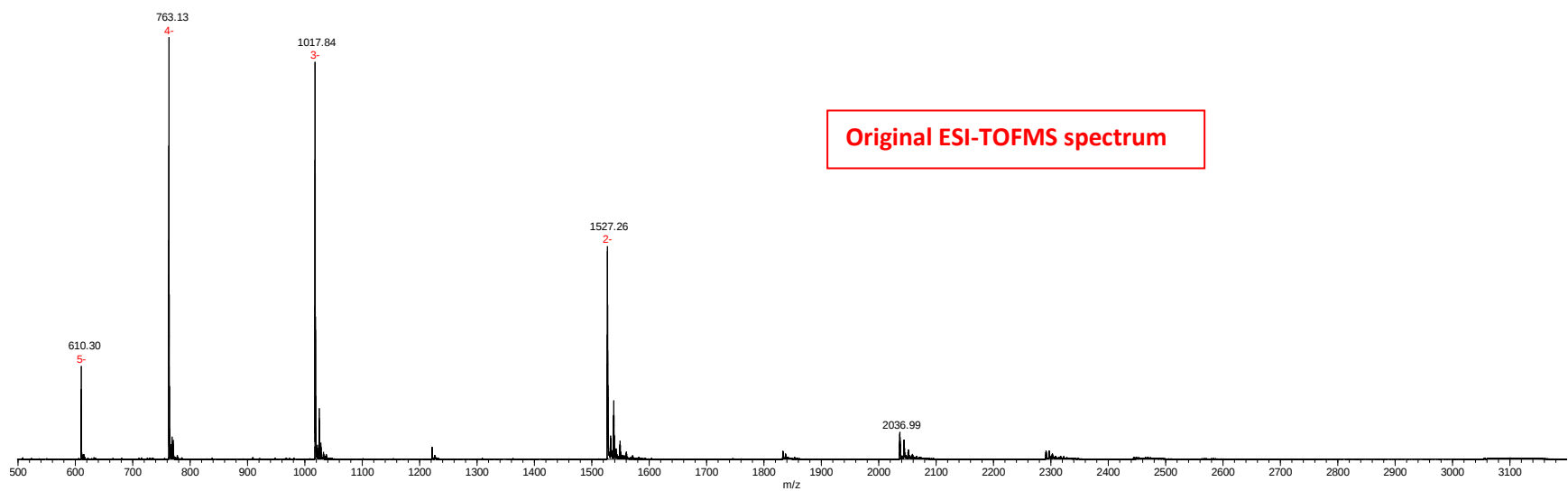
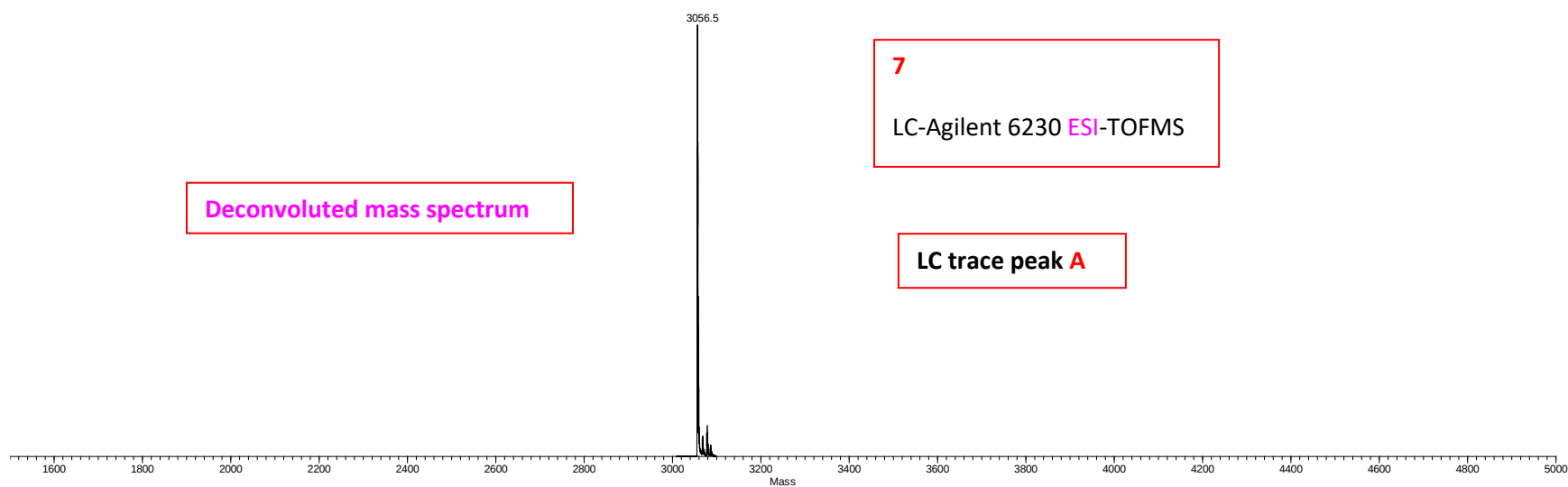




7

LC-Agilent 6230 ESI-TOFMS

LC trace peak A



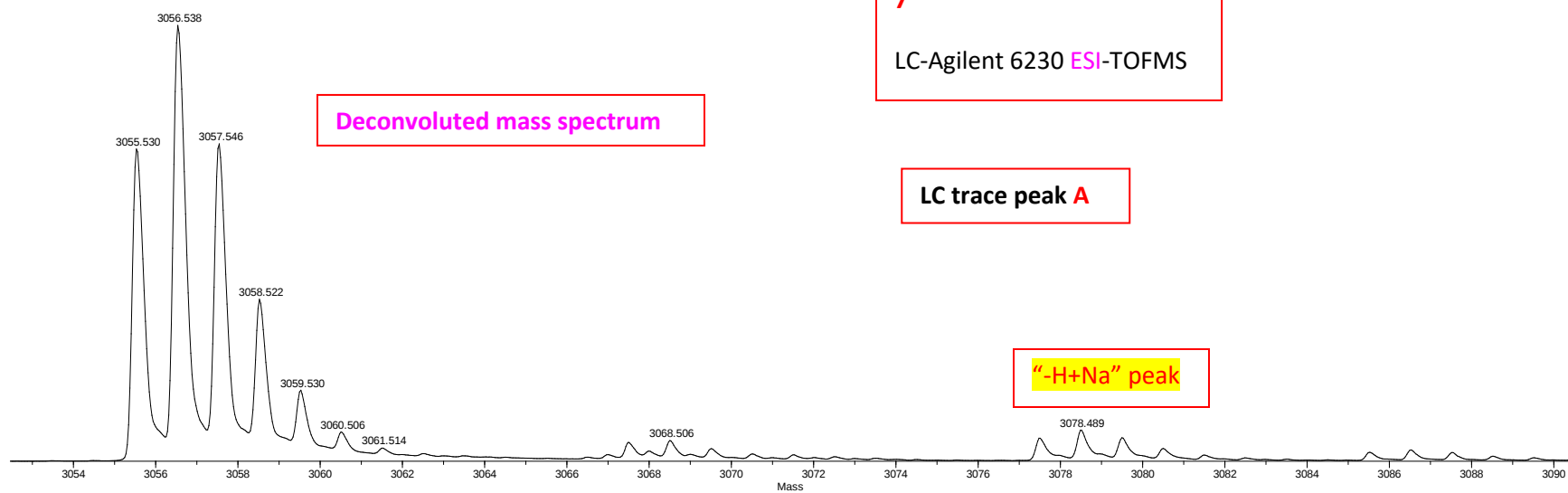
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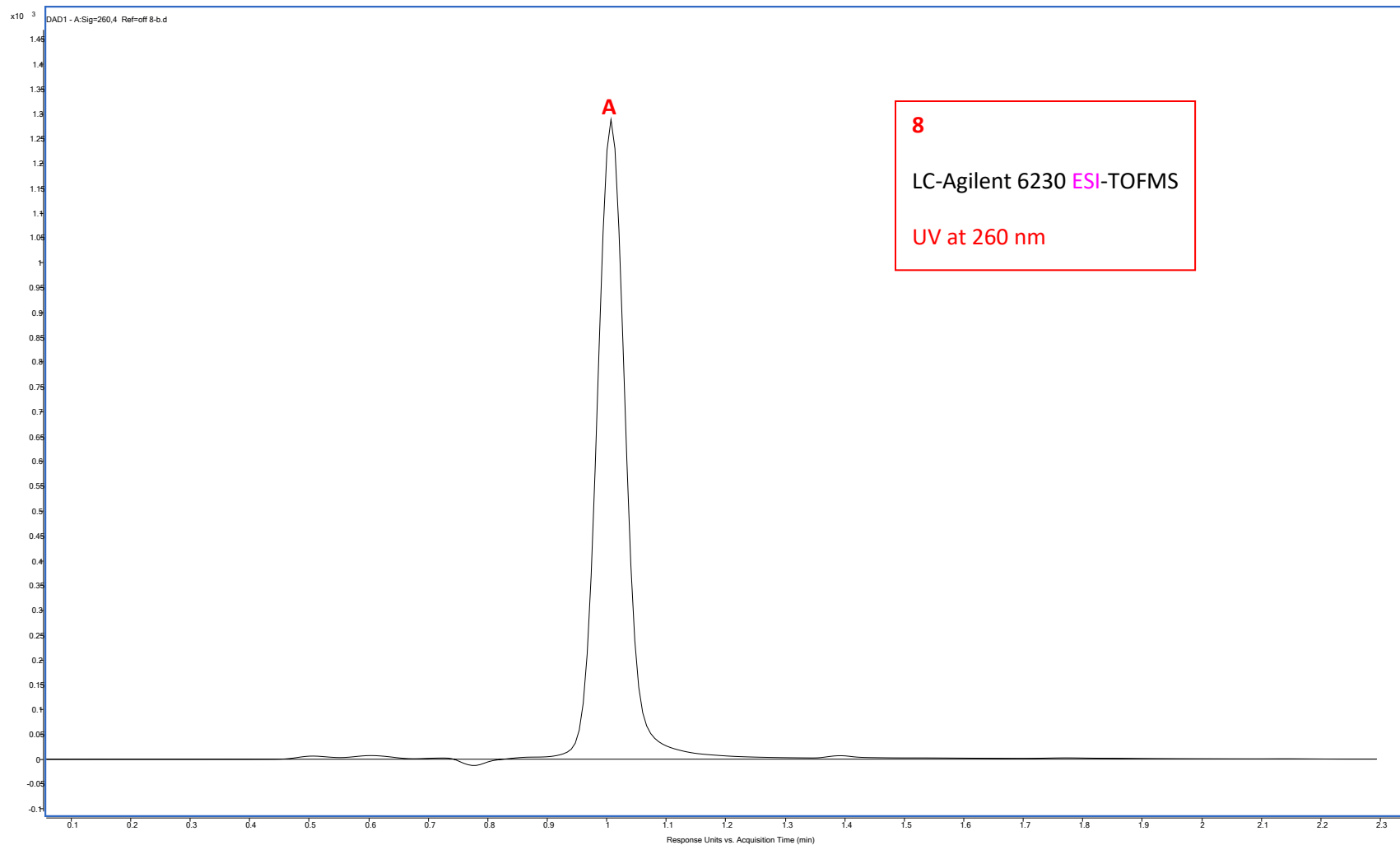
LC-Agilent 6230 ESI-TOFMS

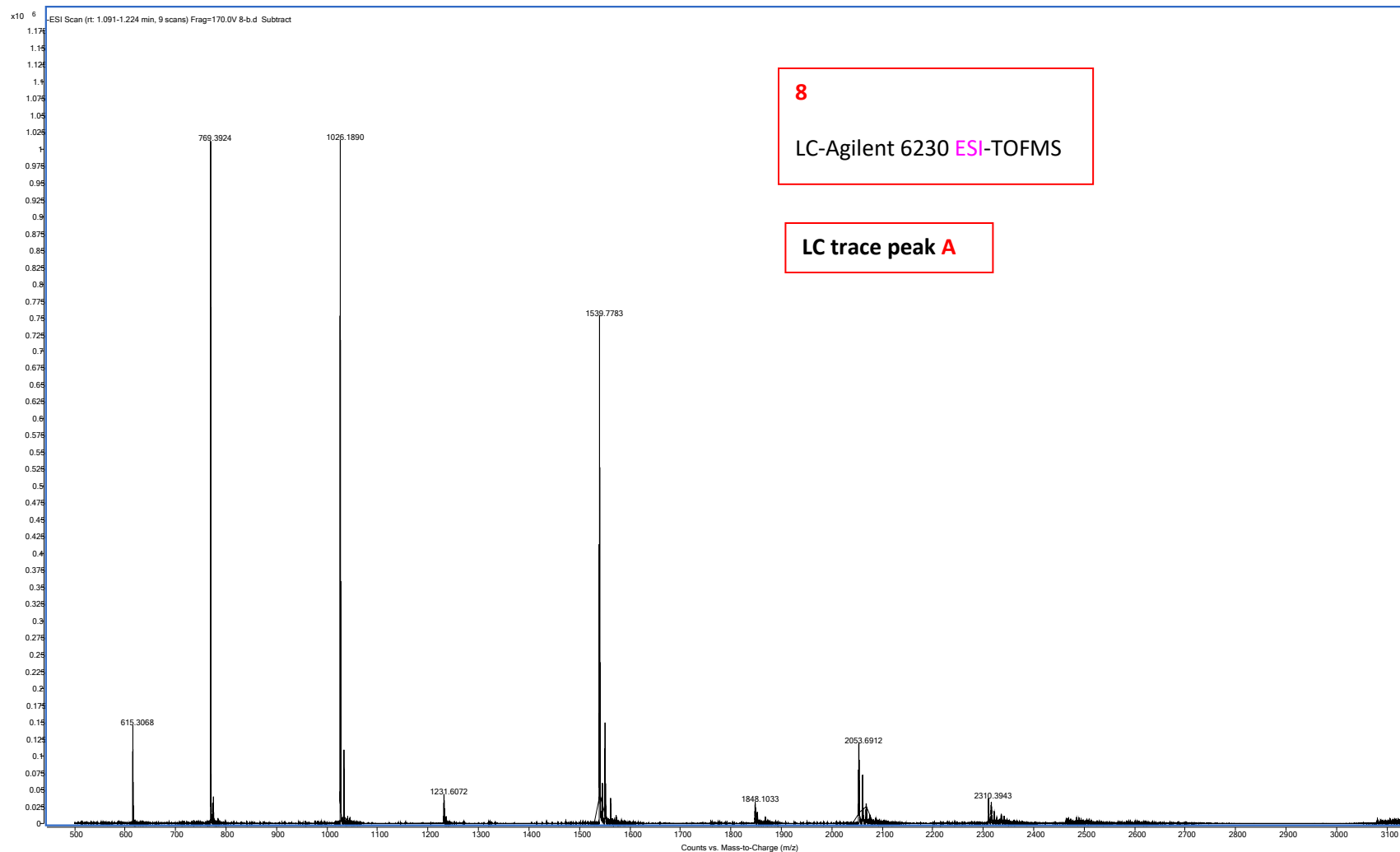
Deconvoluted mass spectrum

LC trace peak A

"-H+Na" peak



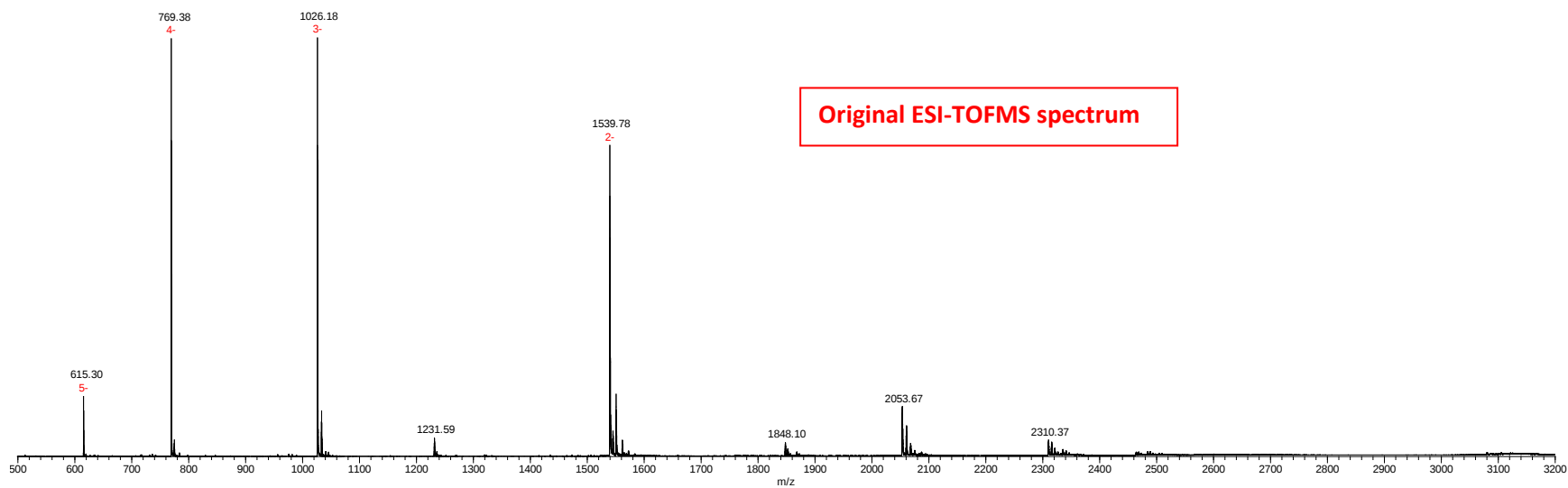
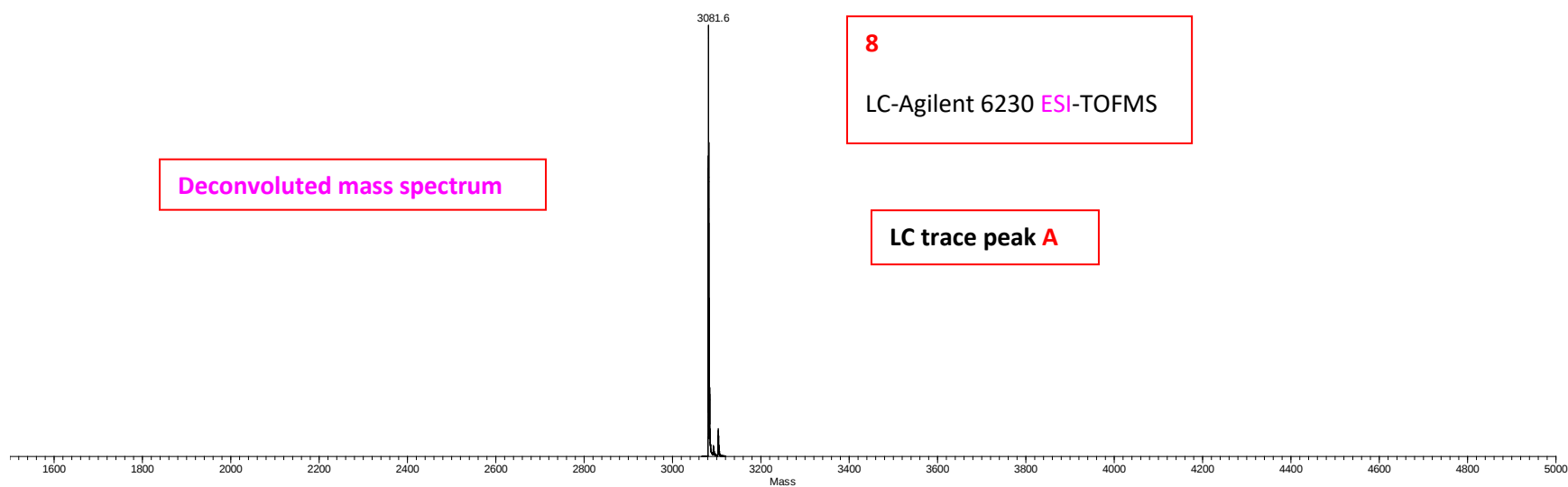


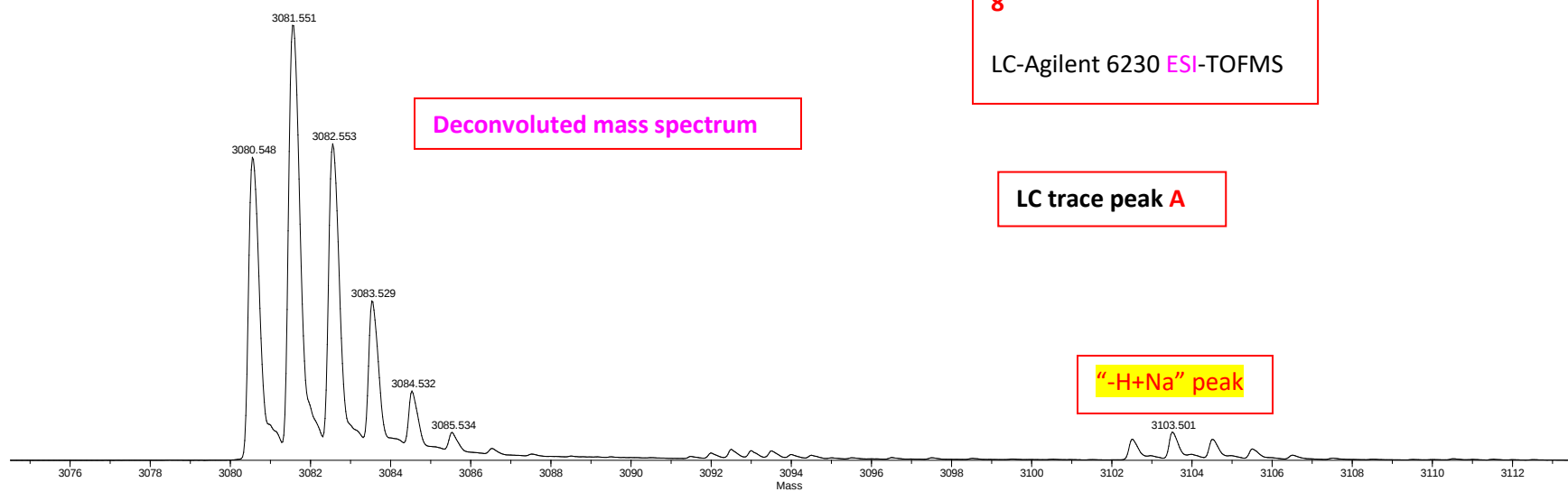


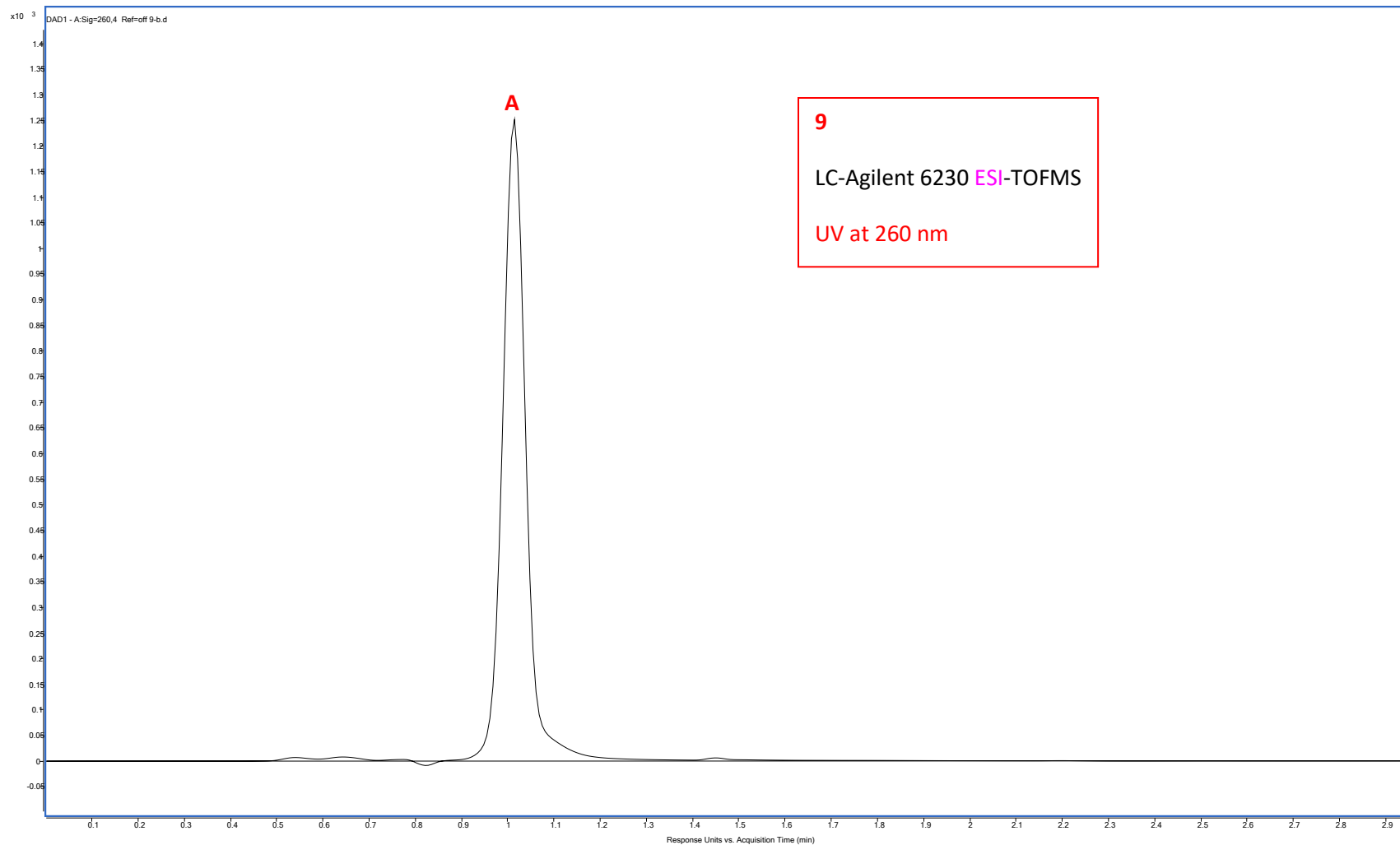
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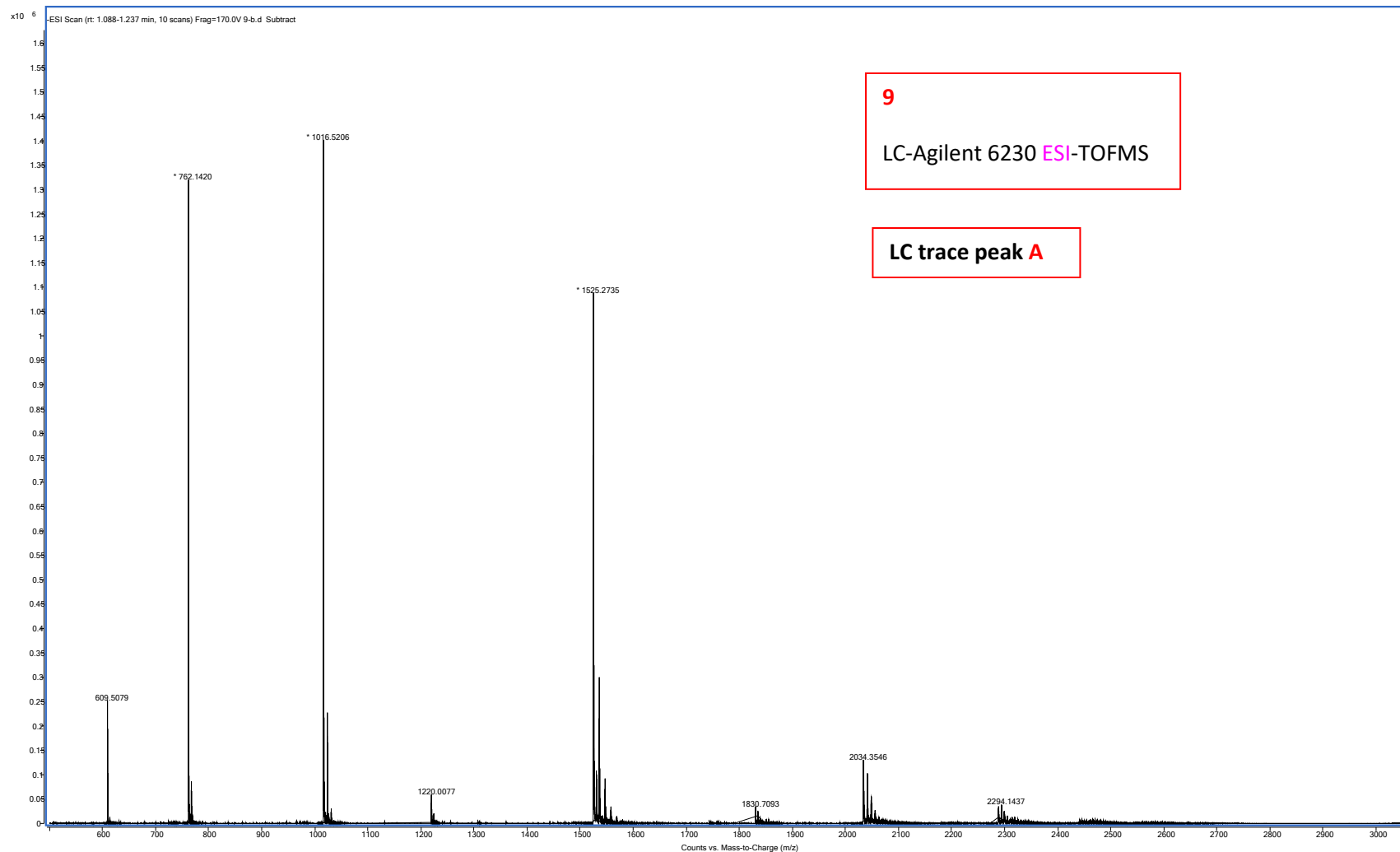
LC-Agilent 6230 ESI-TOFMS

LC trace peak A





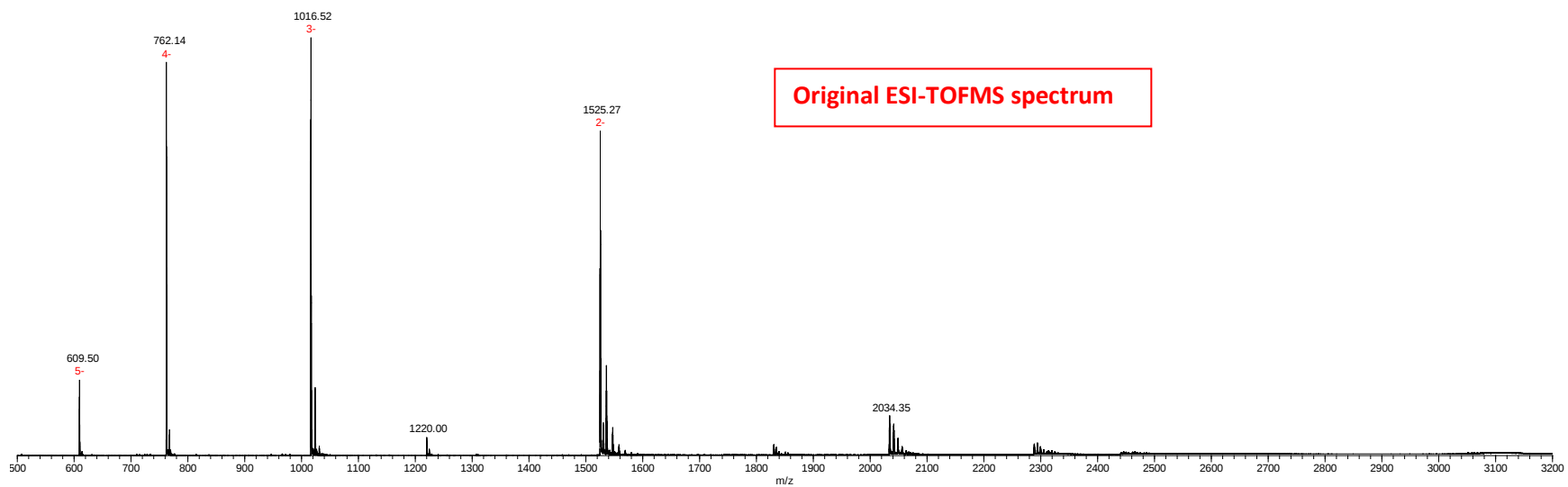
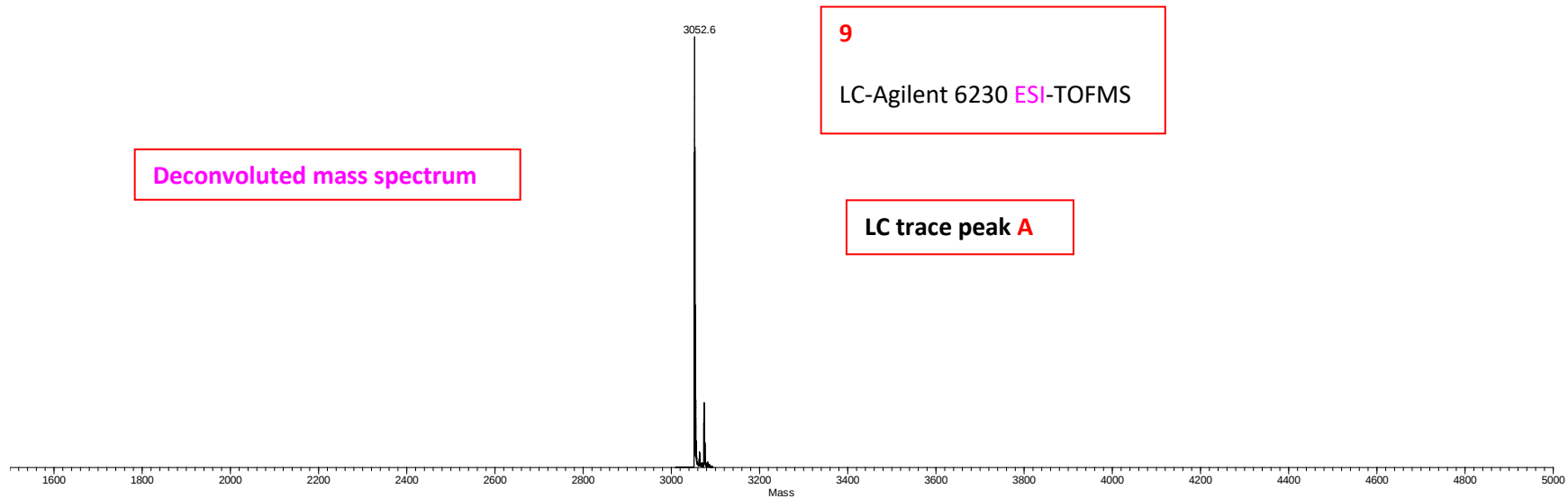


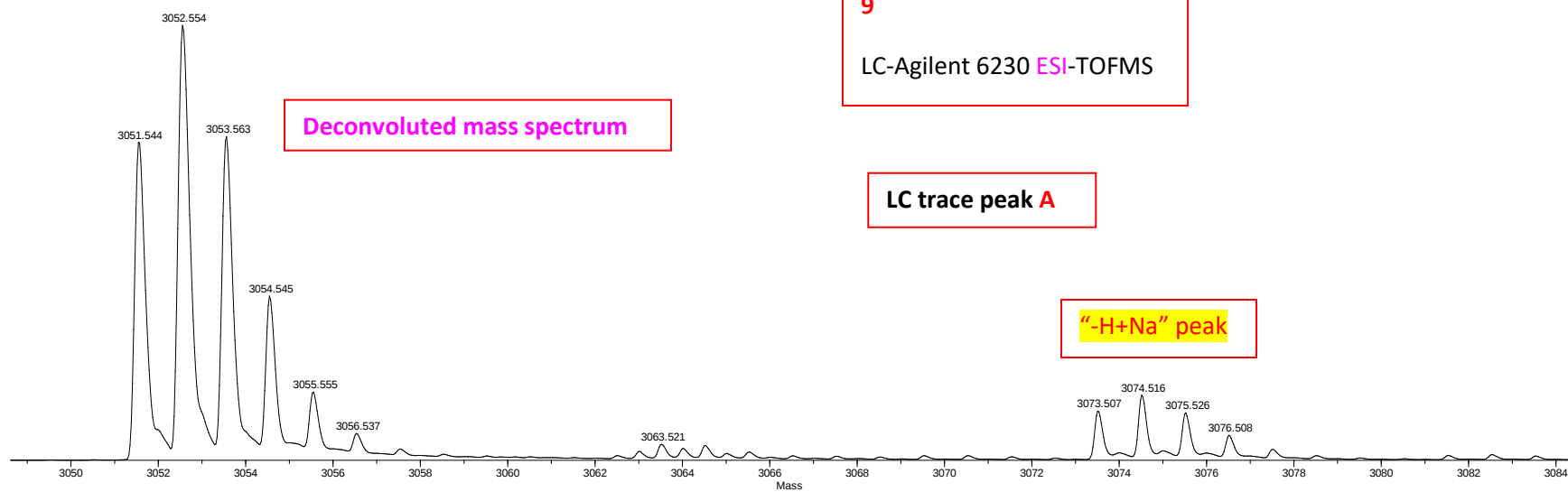


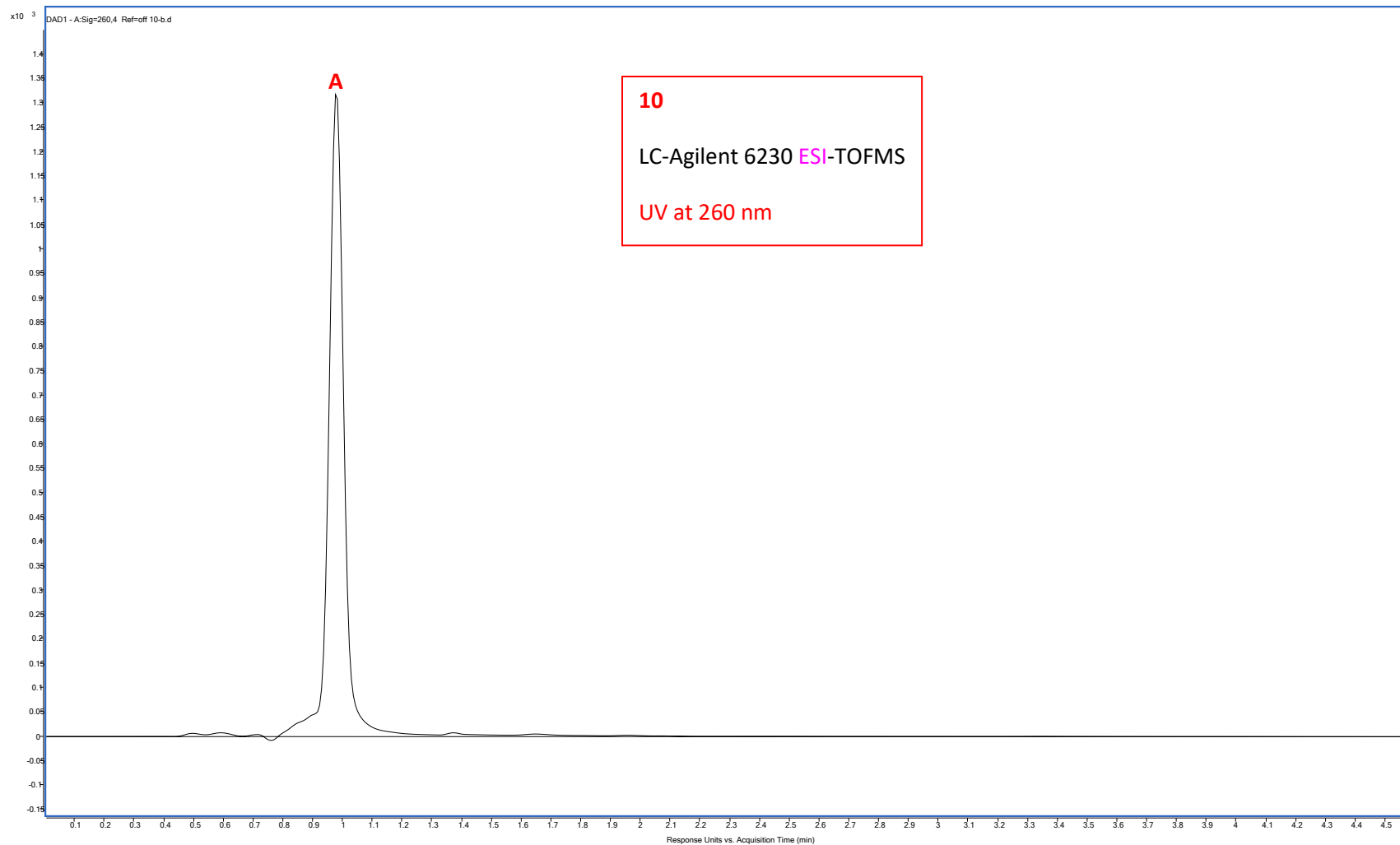
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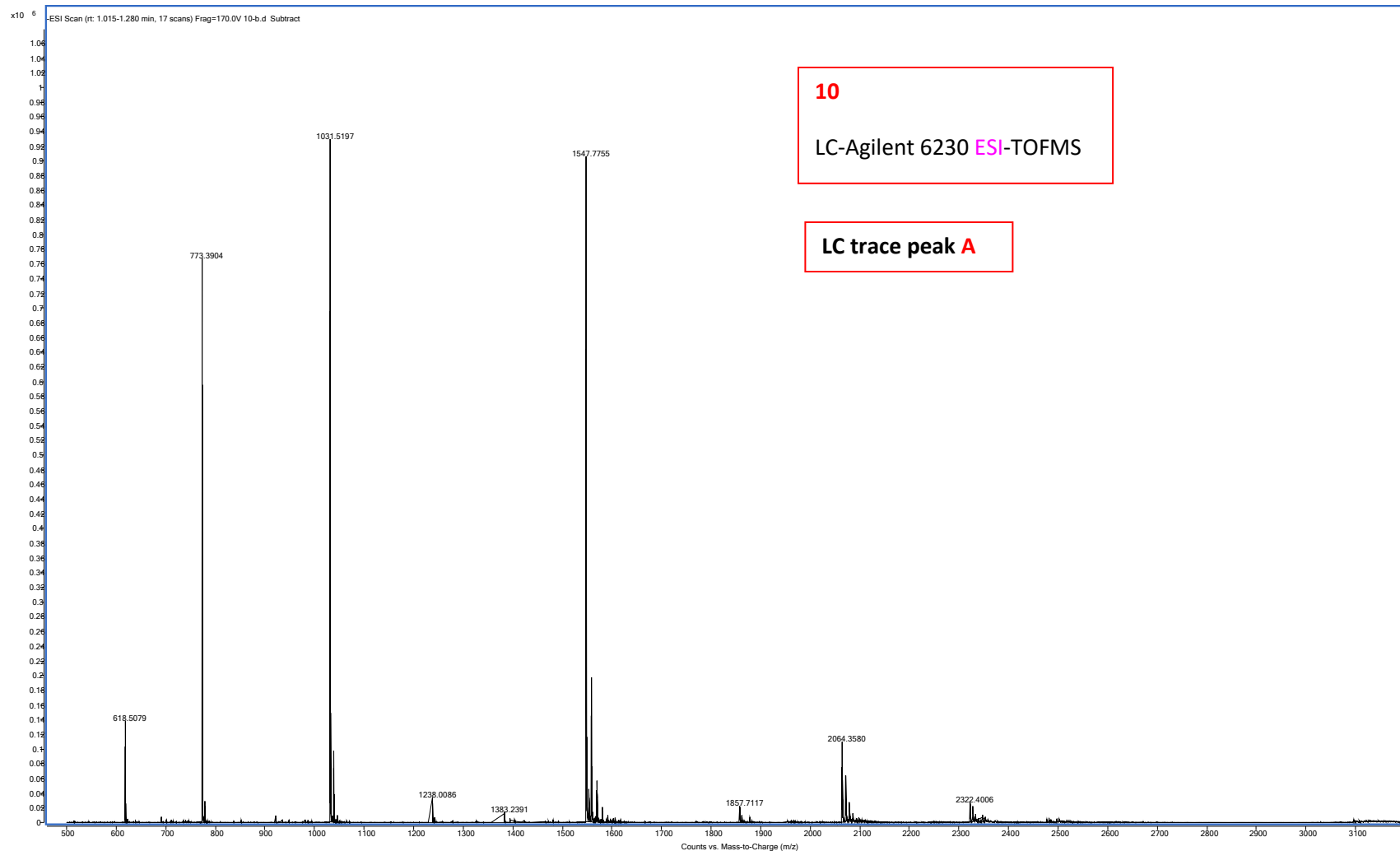
LC-Agilent 6230 ESI-TOFMS

LC trace peak A





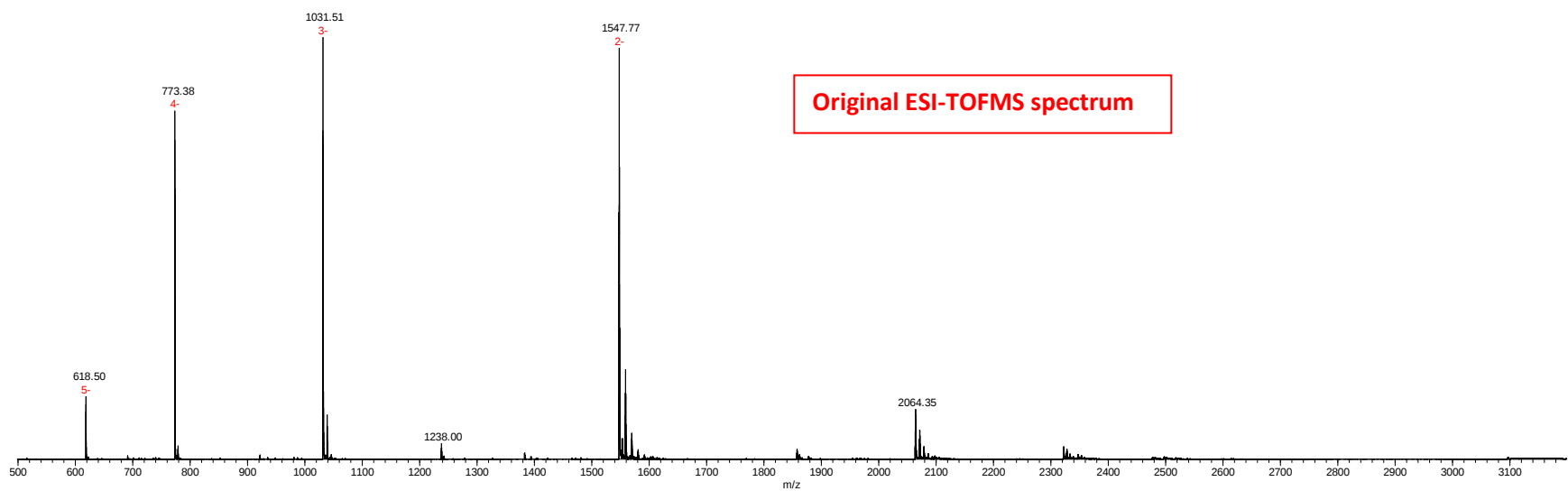
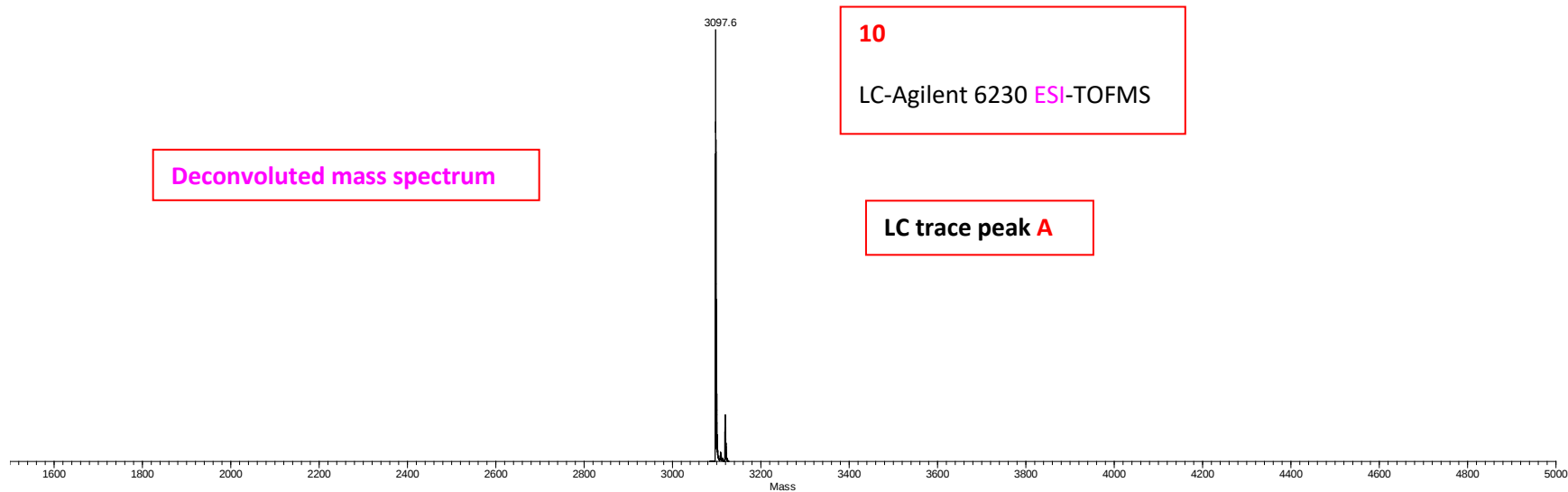




10

LC-Agilent 6230 ESI-TOFMS

LC trace peak **A**



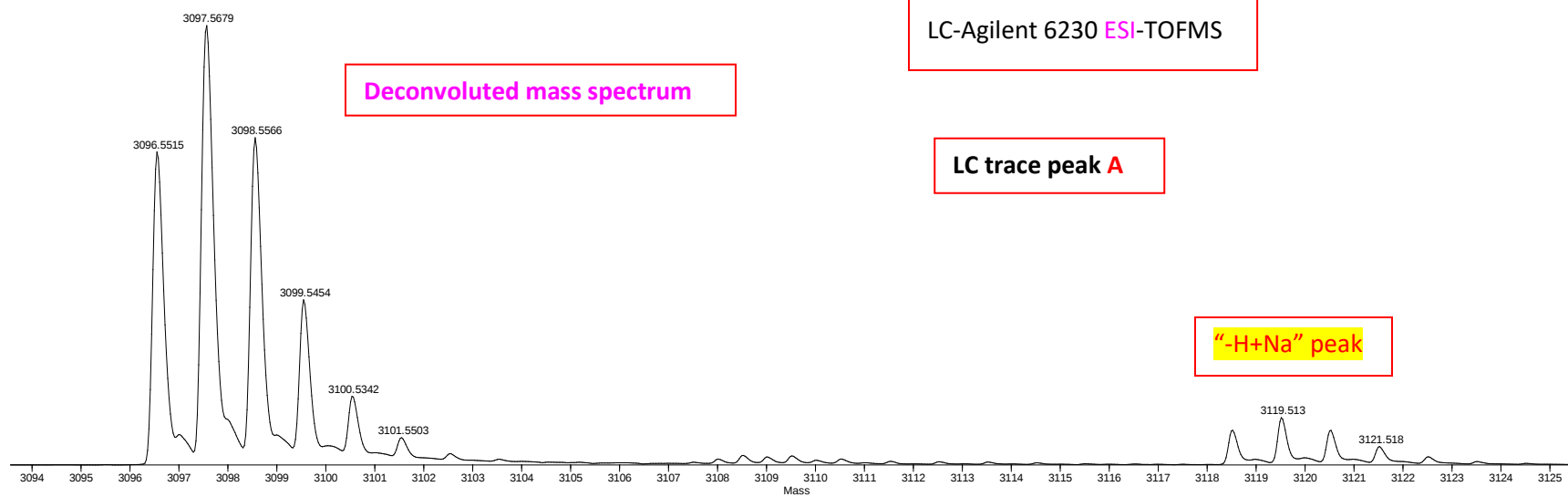
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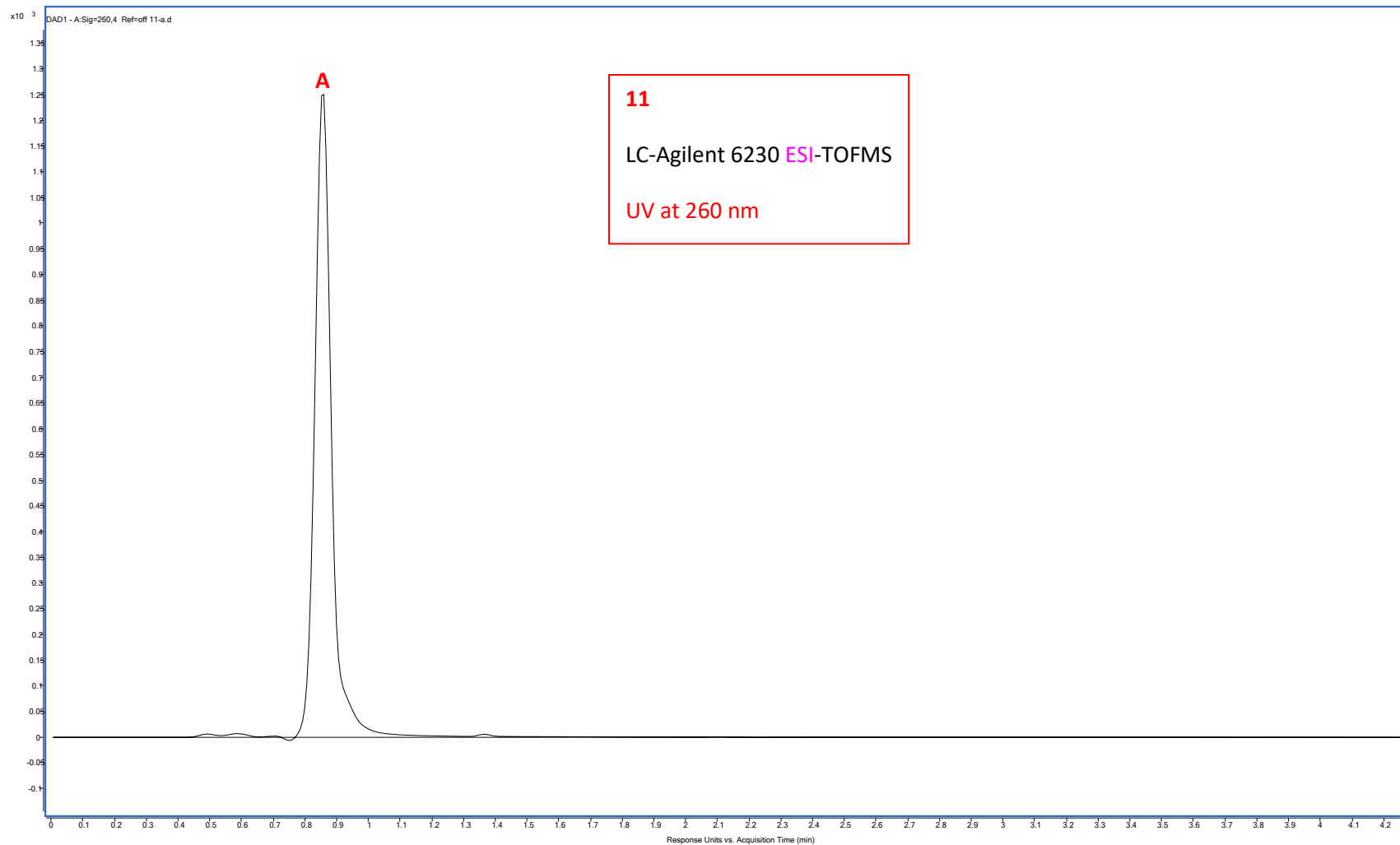
LC-Agilent 6230 ESI-TOFMS

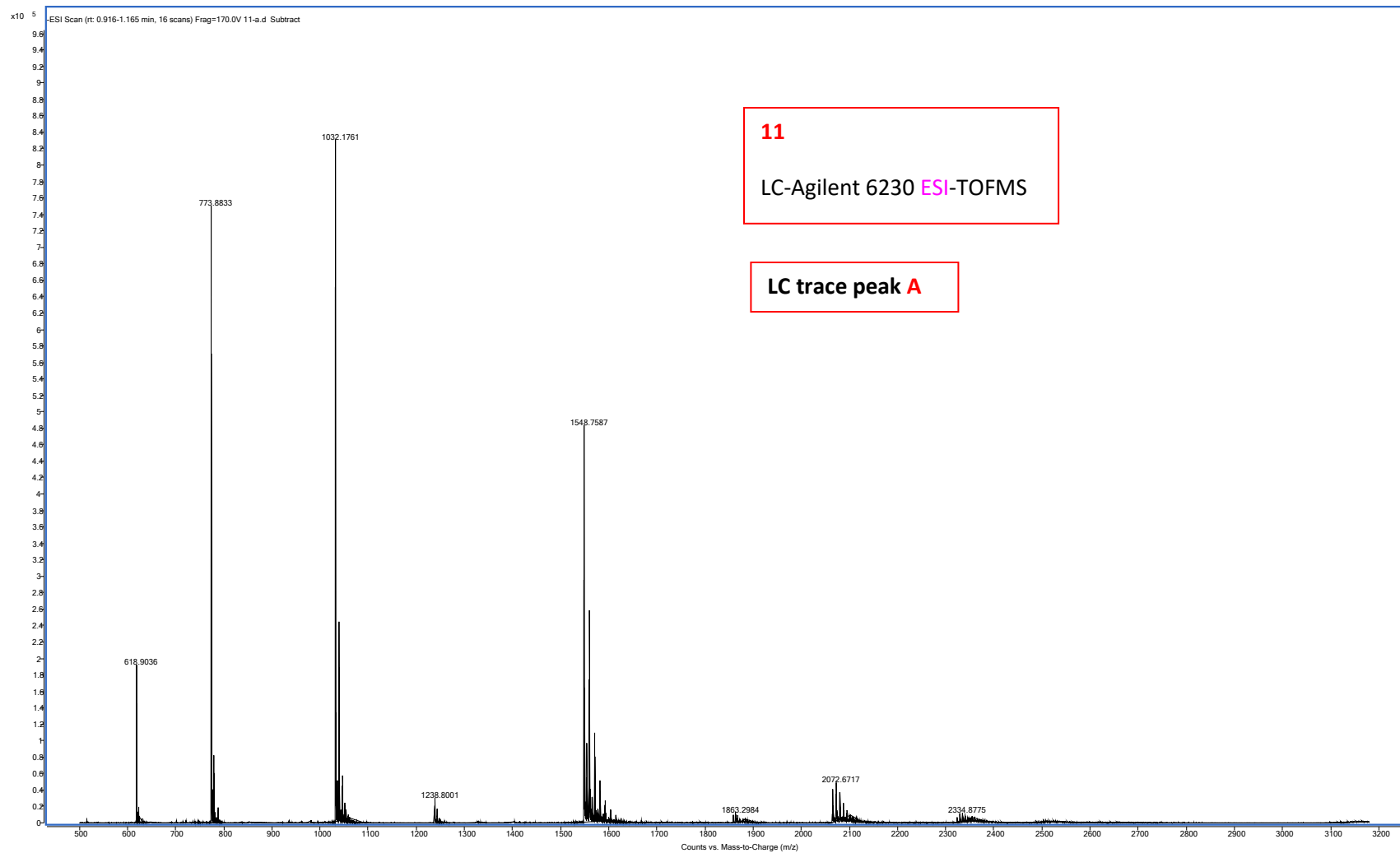
Deconvoluted mass spectrum

LC trace peak A

"-H+Na" peak



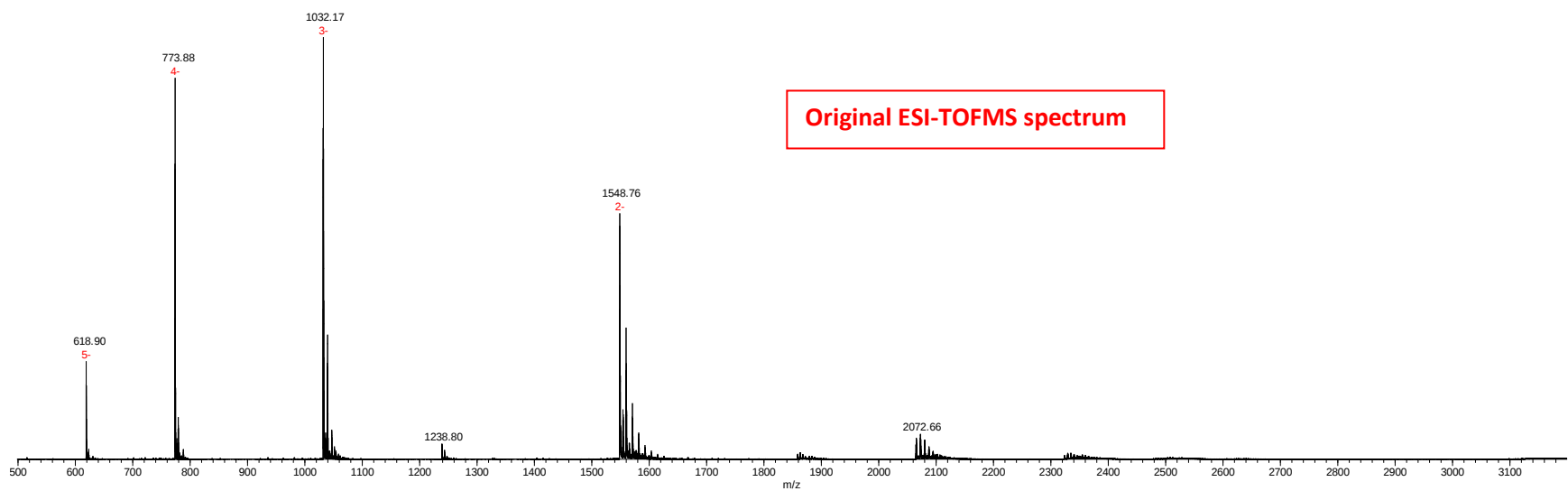
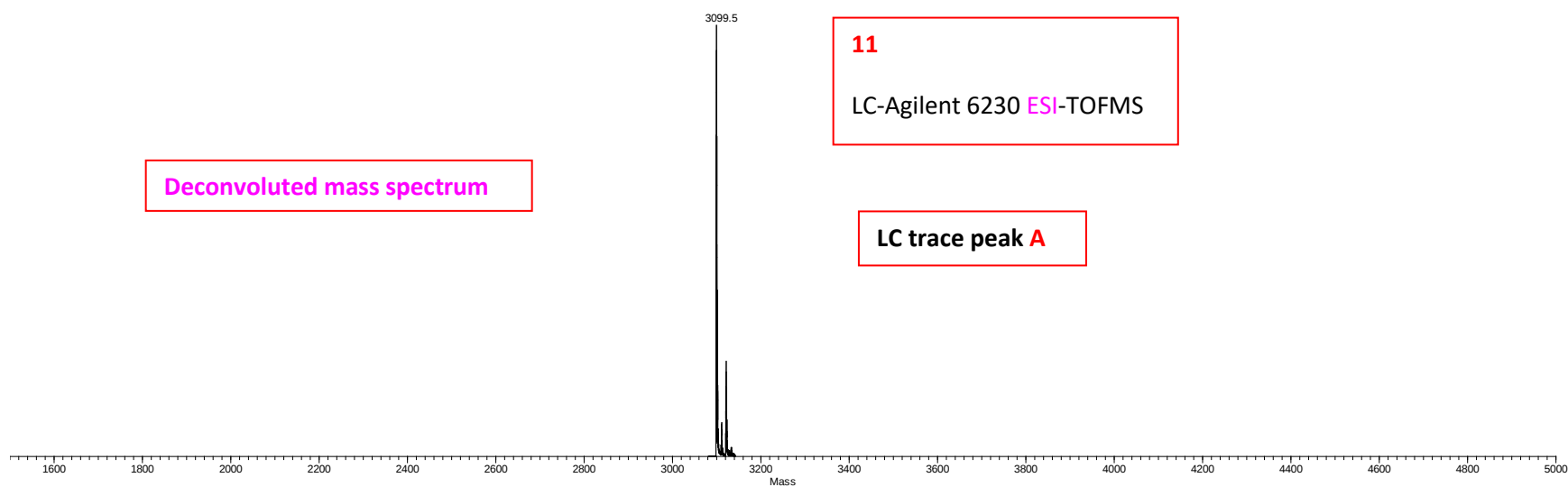




11

LC-Agilent 6230 ESI-TOFMS

LC trace peak **A**



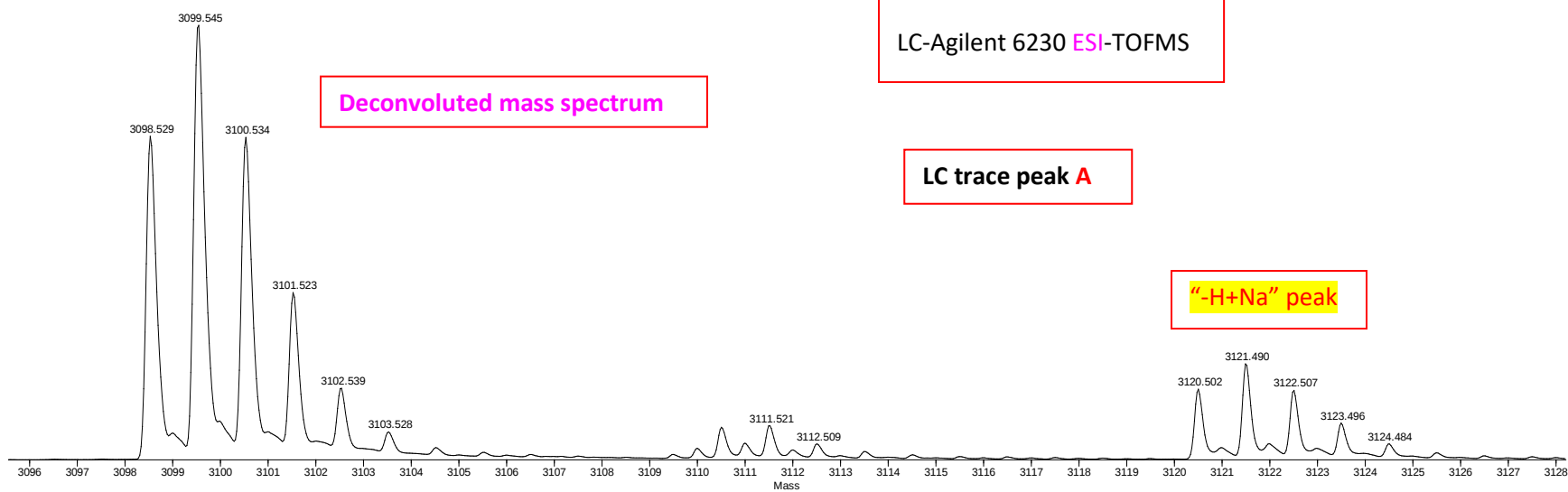
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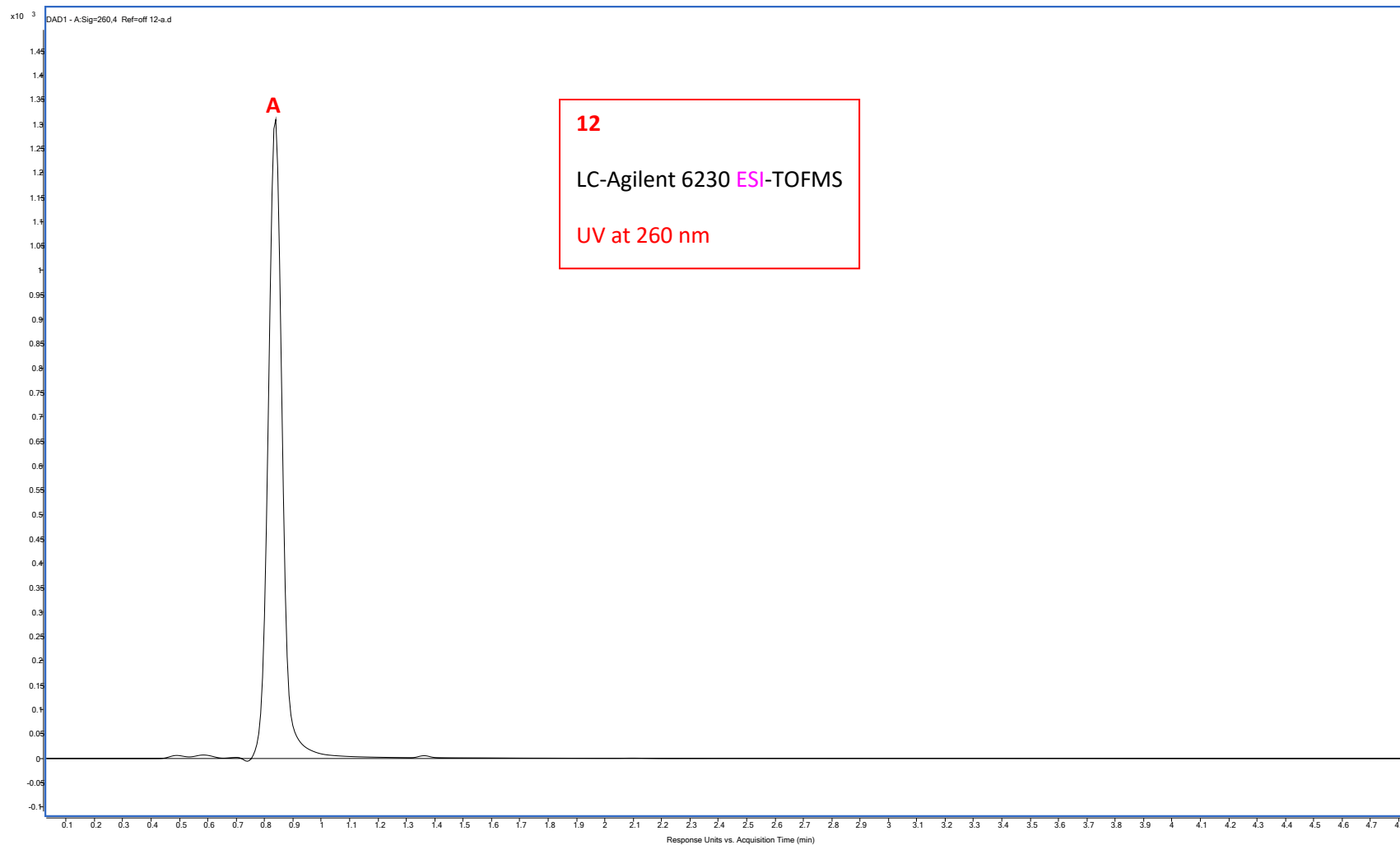
LC-Agilent 6230 ESI-TOFMS

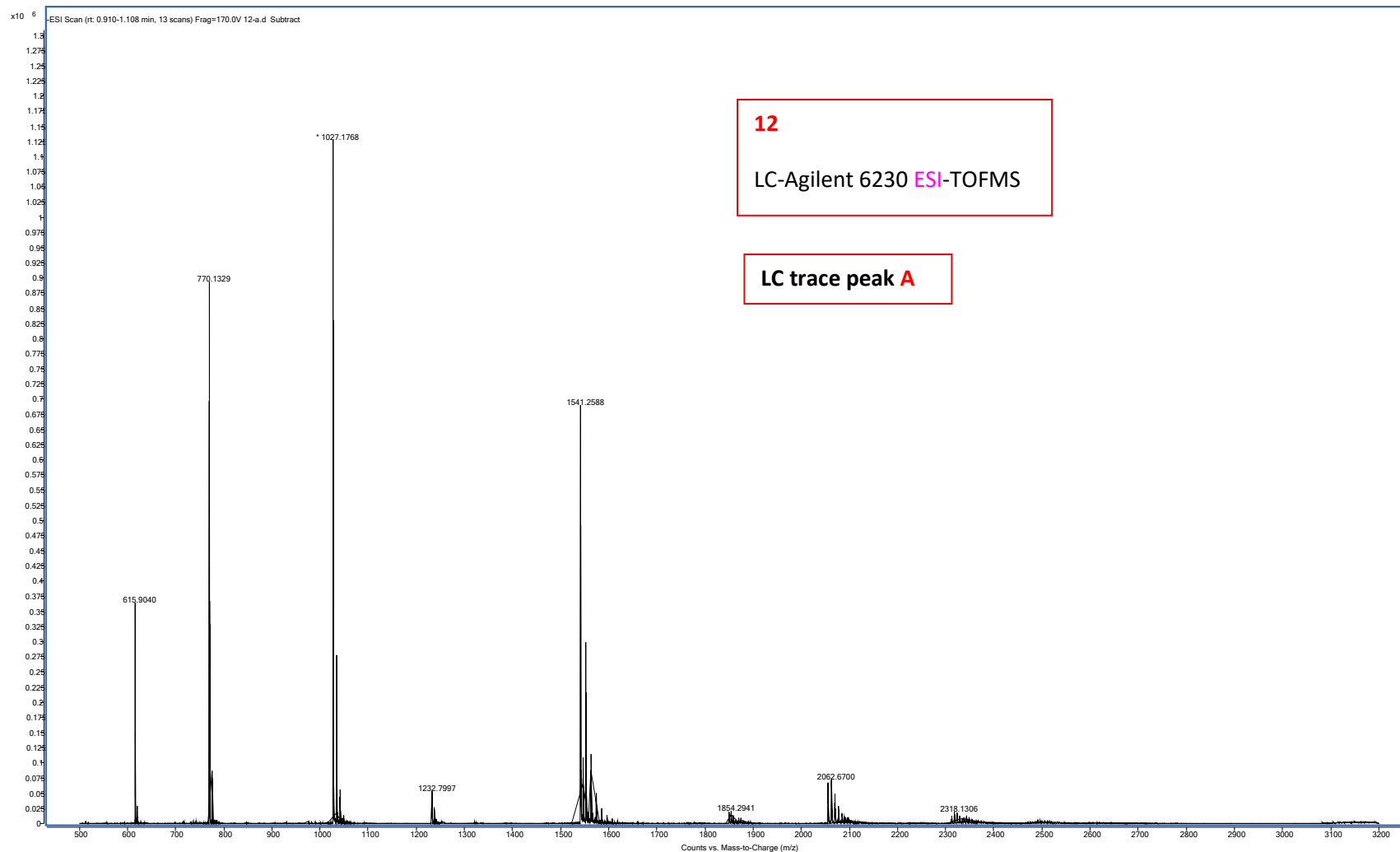
Deconvoluted mass spectrum

LC trace peak A

"-H+Na" peak



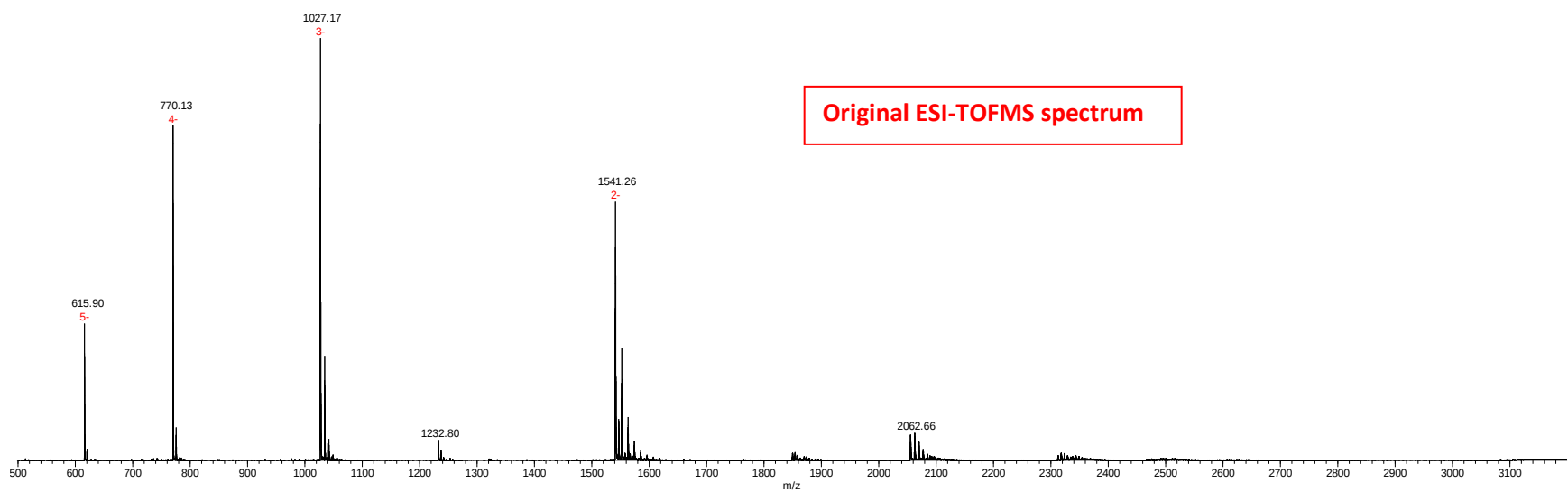
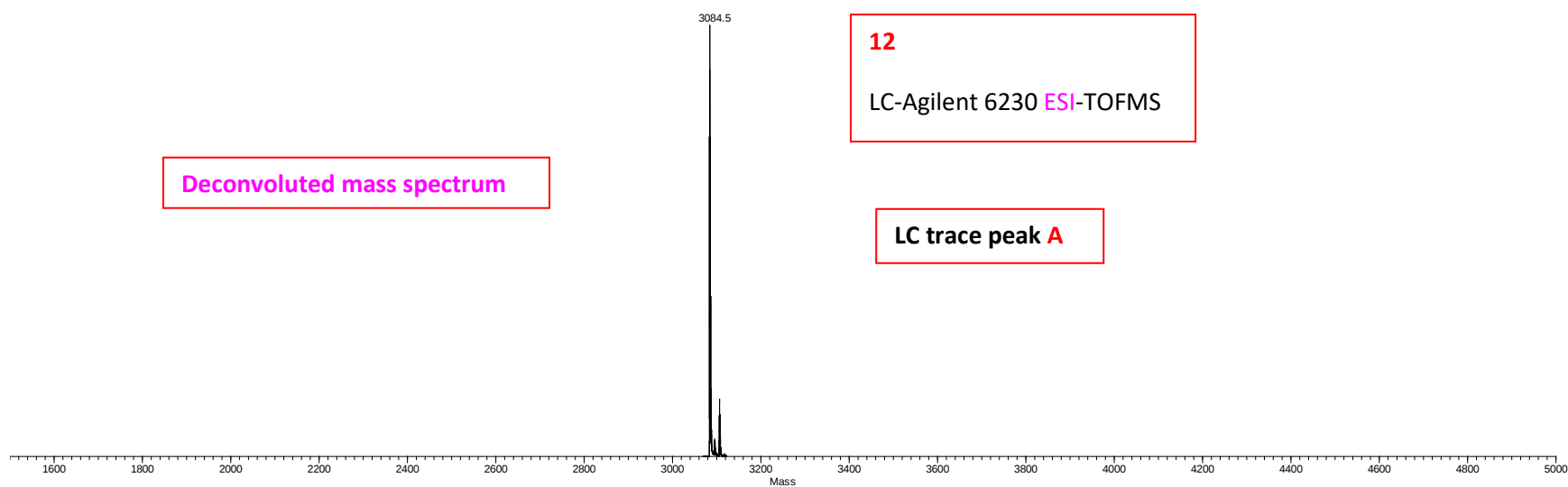




12

LC-Agilent 6230 ESI-TOFMS

LC trace peak A



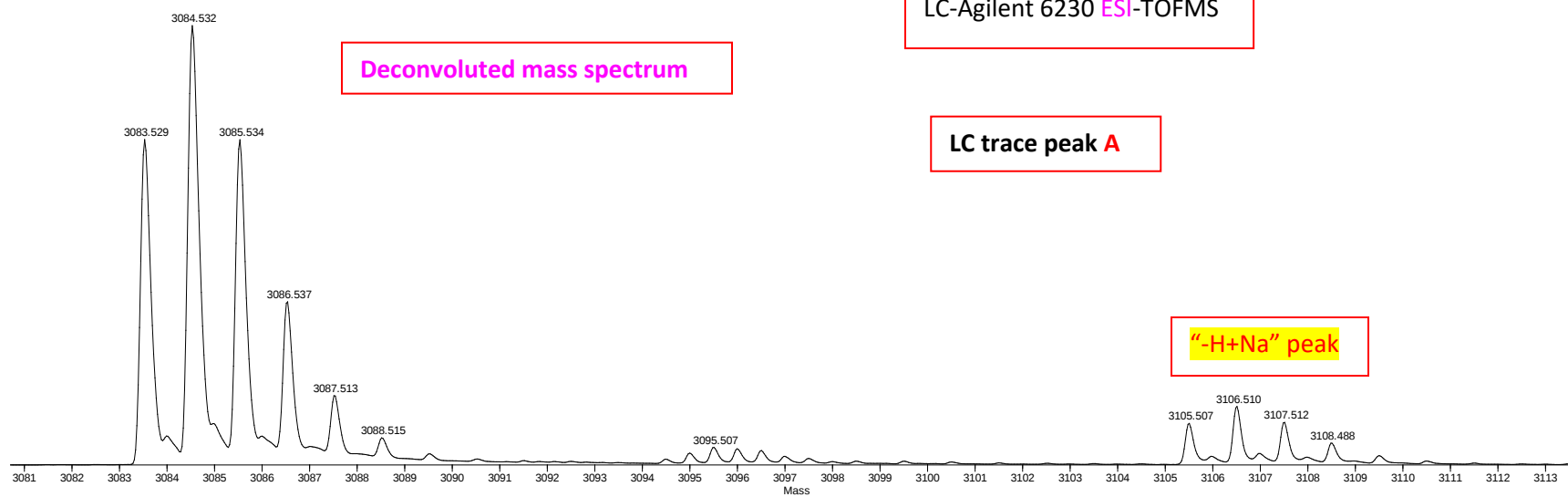
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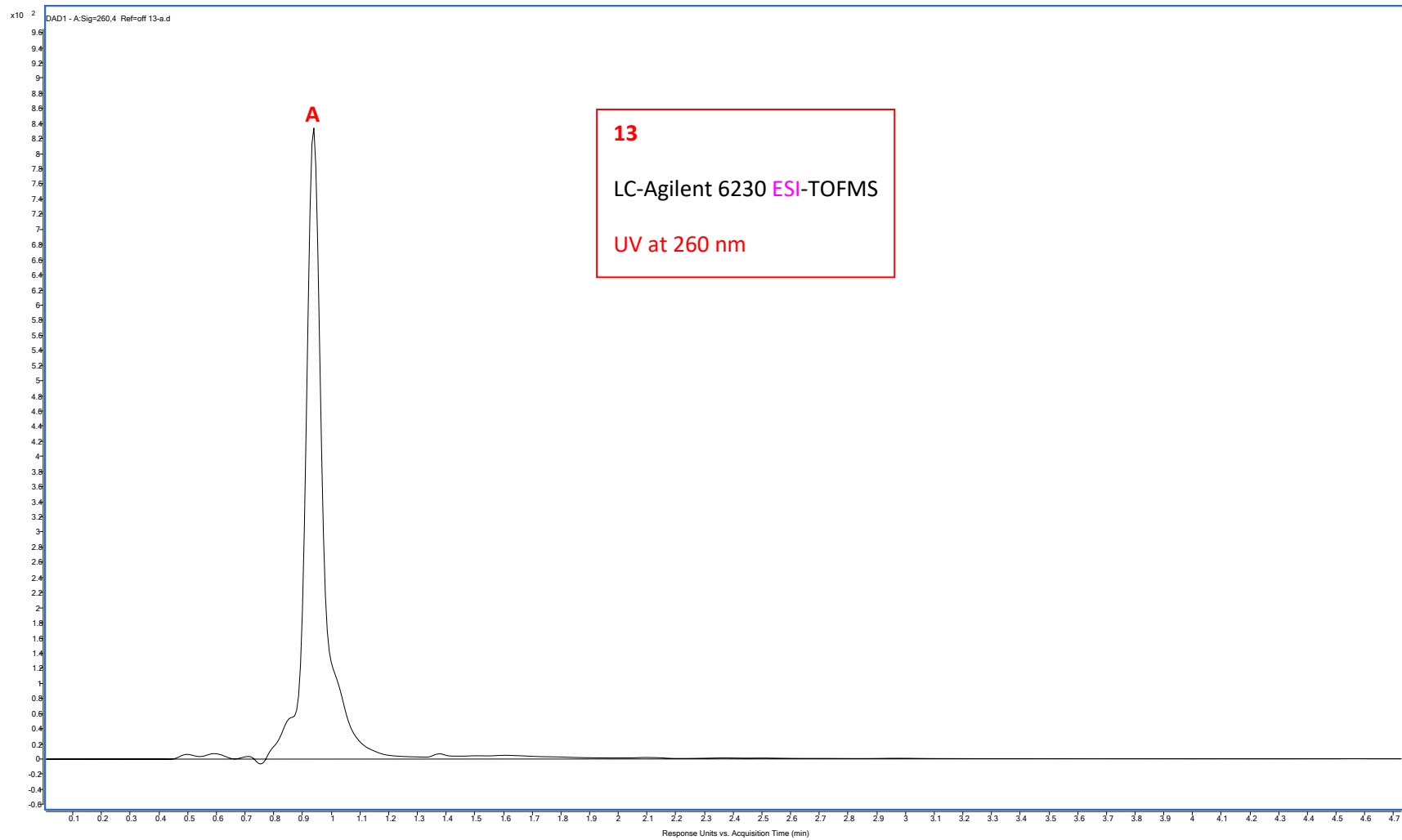
LC-Agilent 6230 ESI-TOFMS

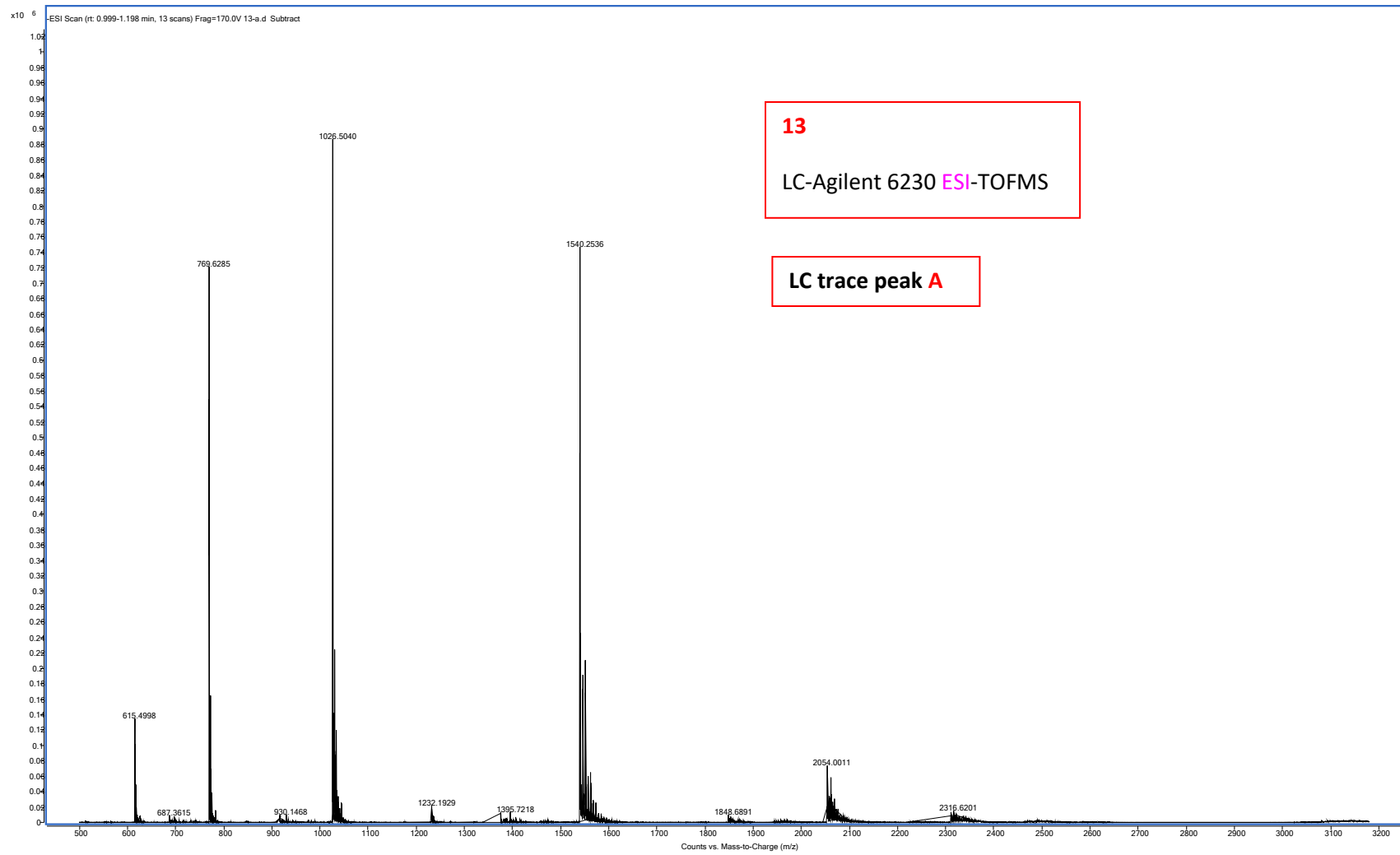
Deconvoluted mass spectrum

LC trace peak A

"-H+Na" peak



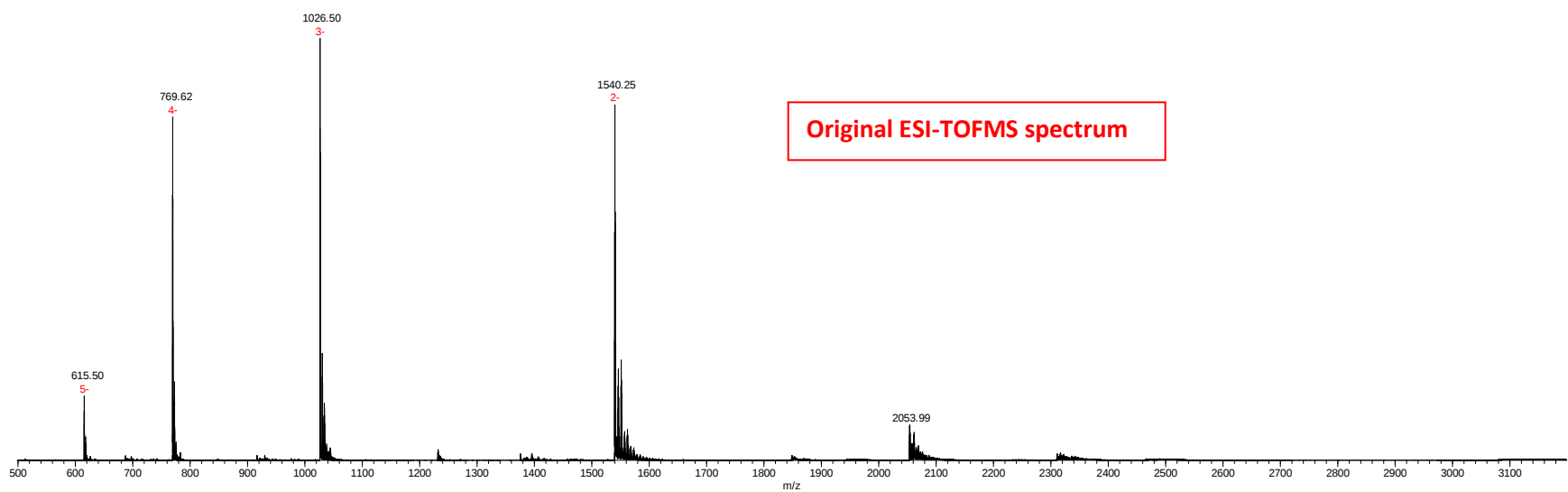
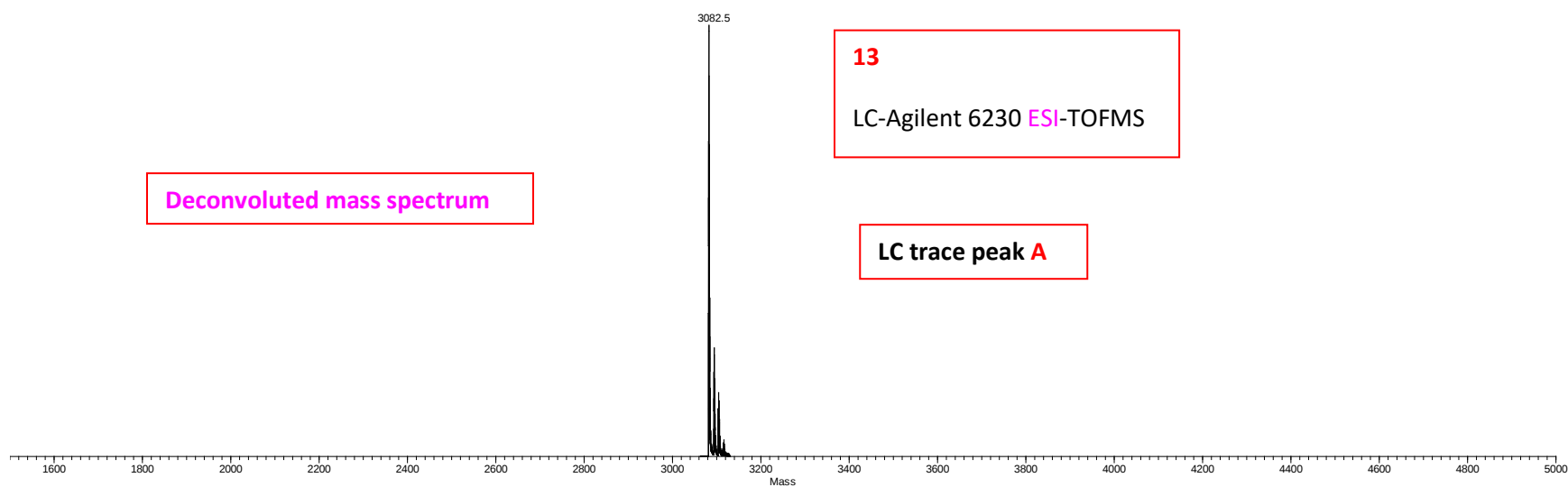




13

LC-Agilent 6230 ESI-TOFMS

LC trace peak **A**



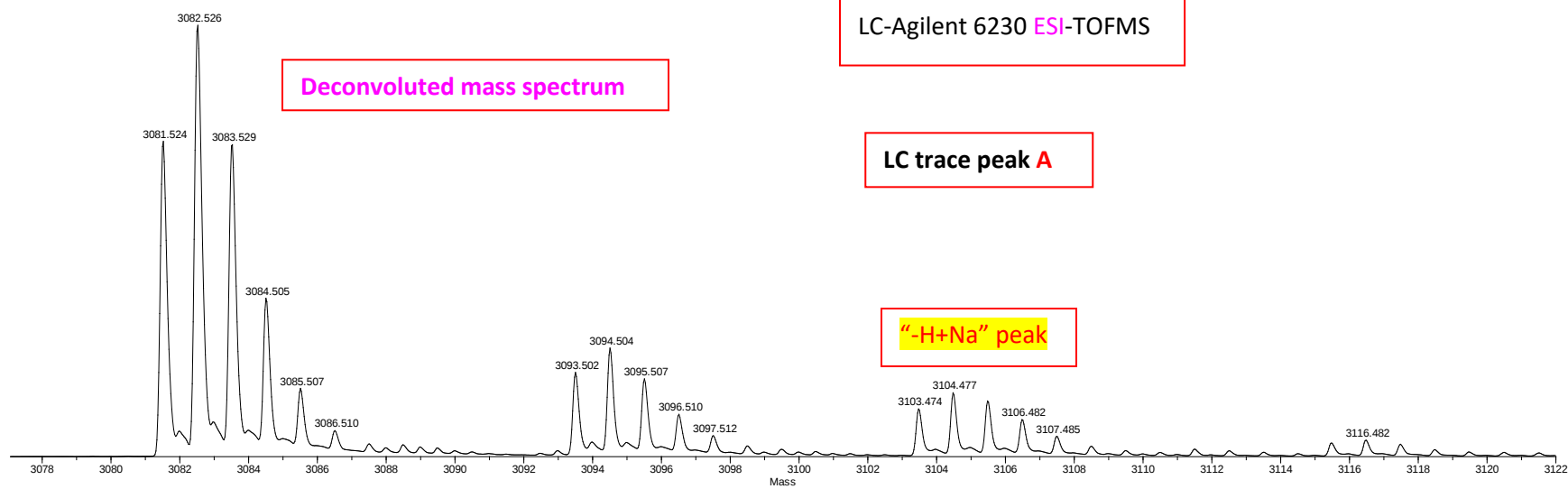
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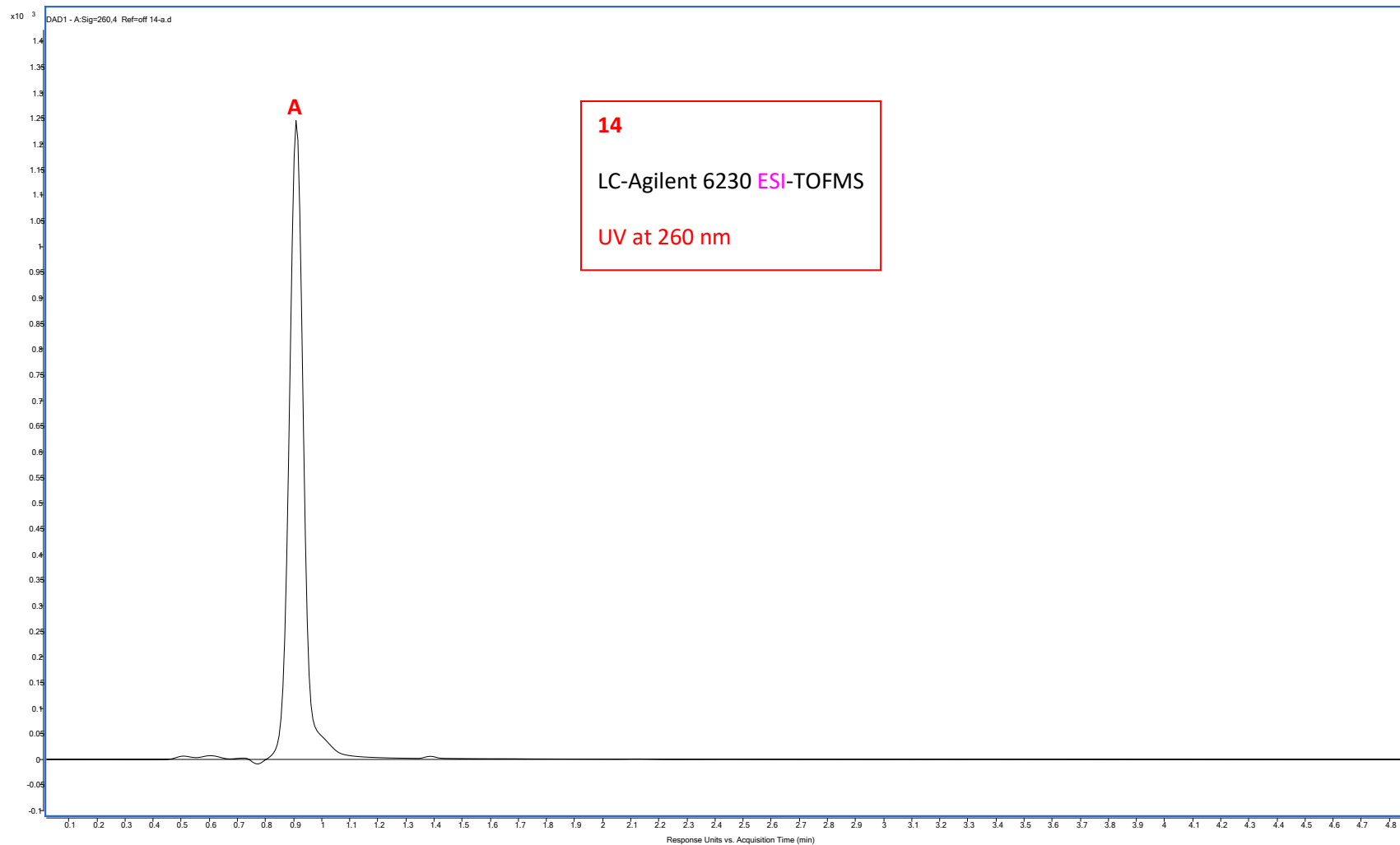
LC-Agilent 6230 ESI-TOFMS

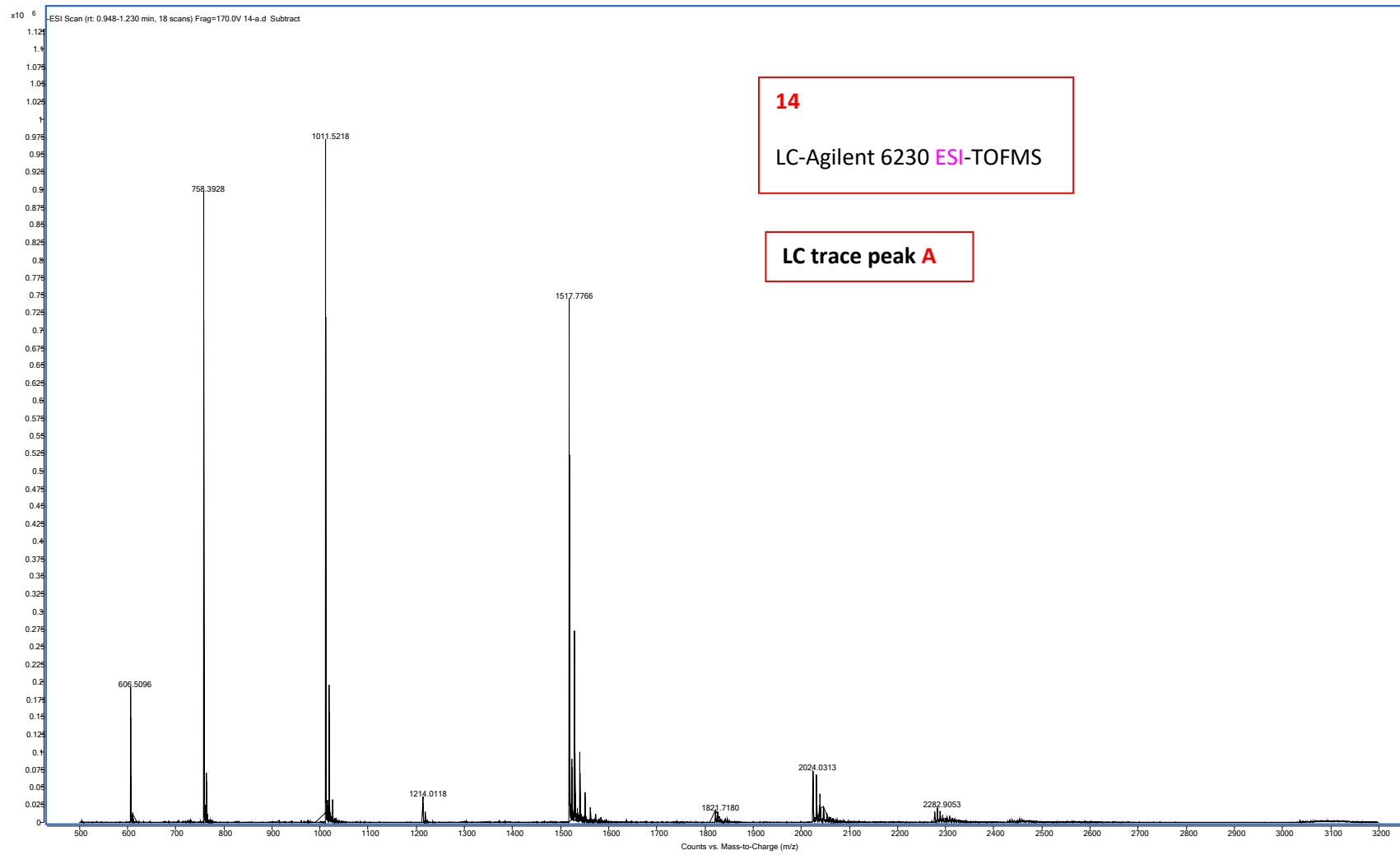
Deconvoluted mass spectrum

LC trace peak A

"-H+Na" peak



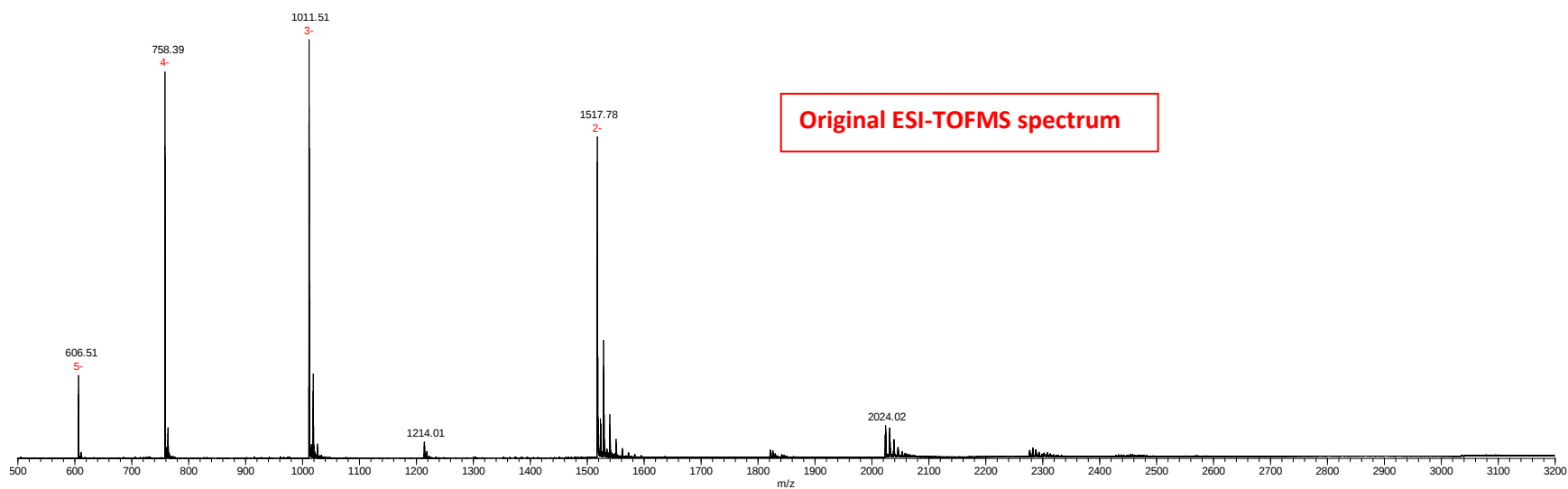
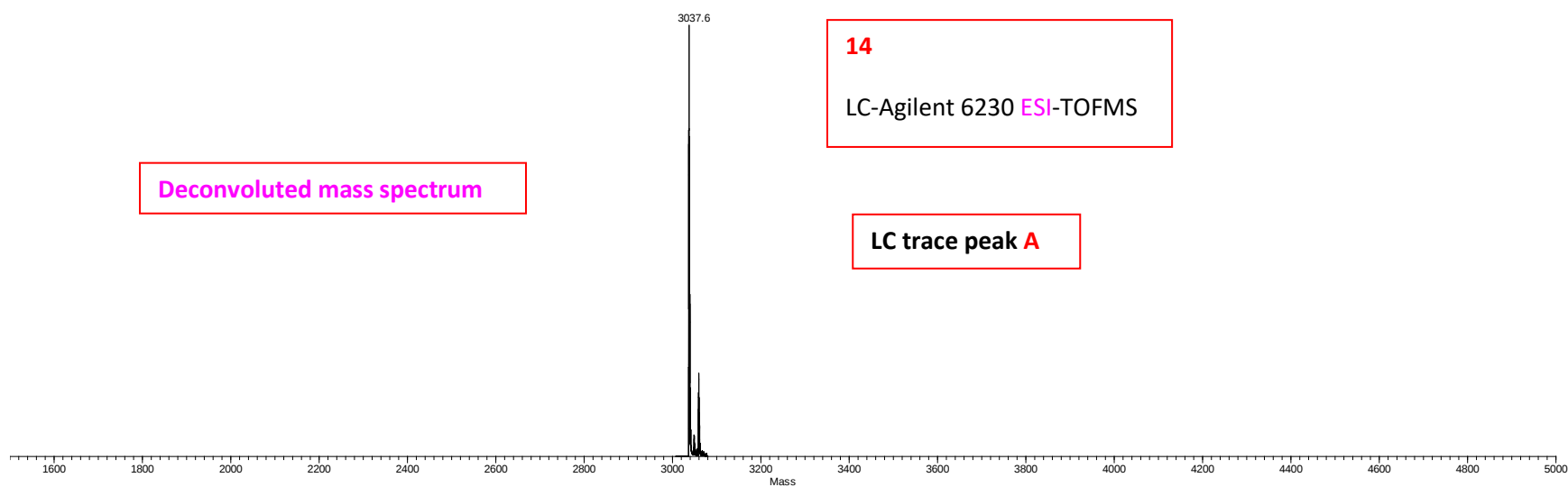




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LC-Agilent 6230 ESI-TOFMS

LC trace peak A



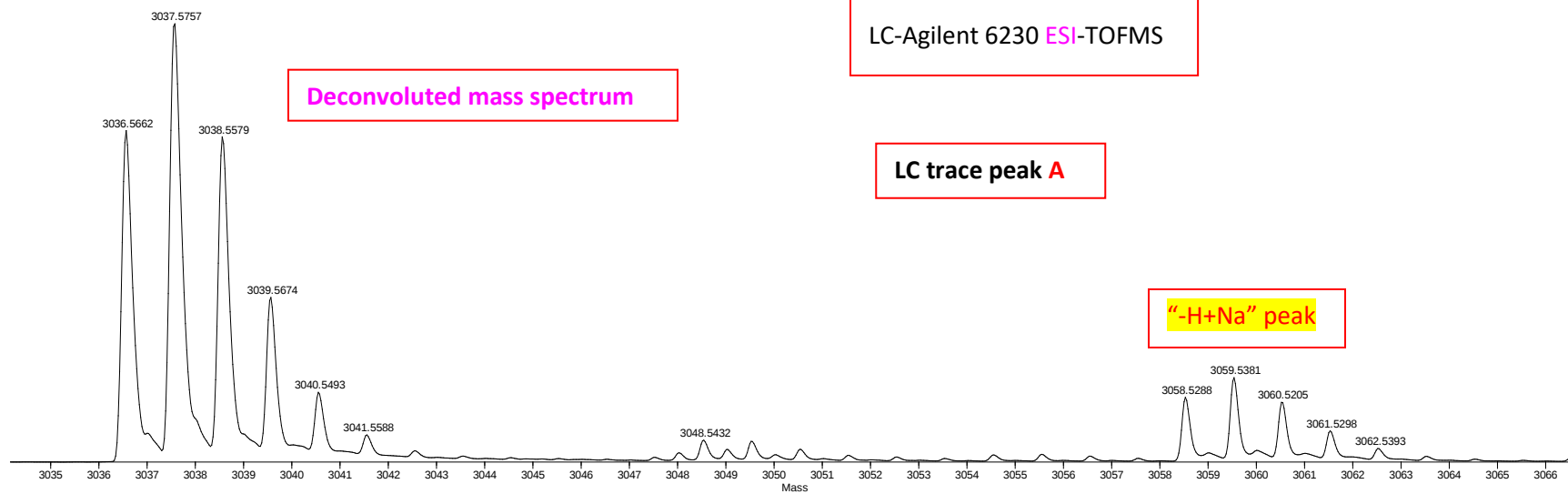
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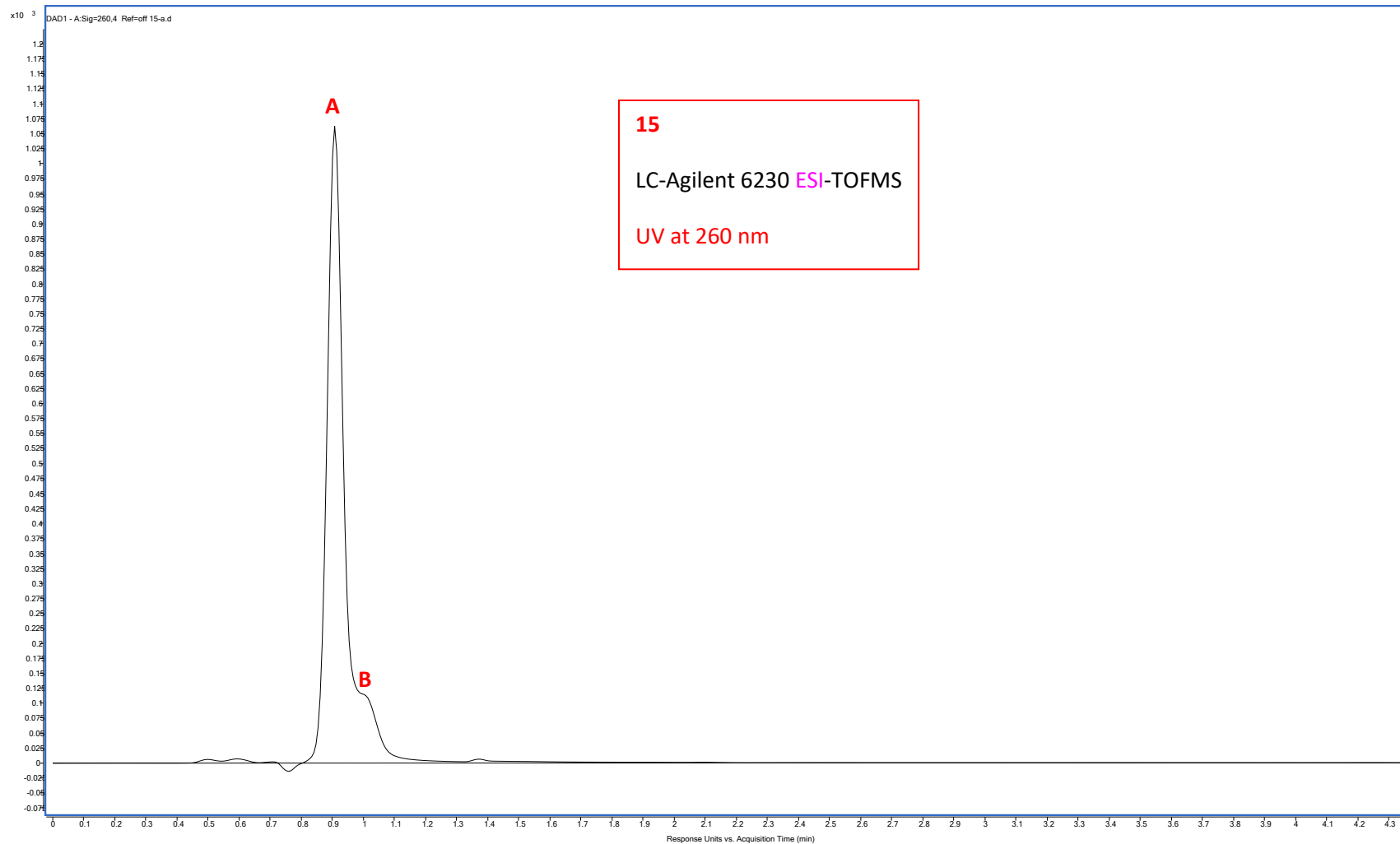
LC-Agilent 6230 ESI-TOFMS

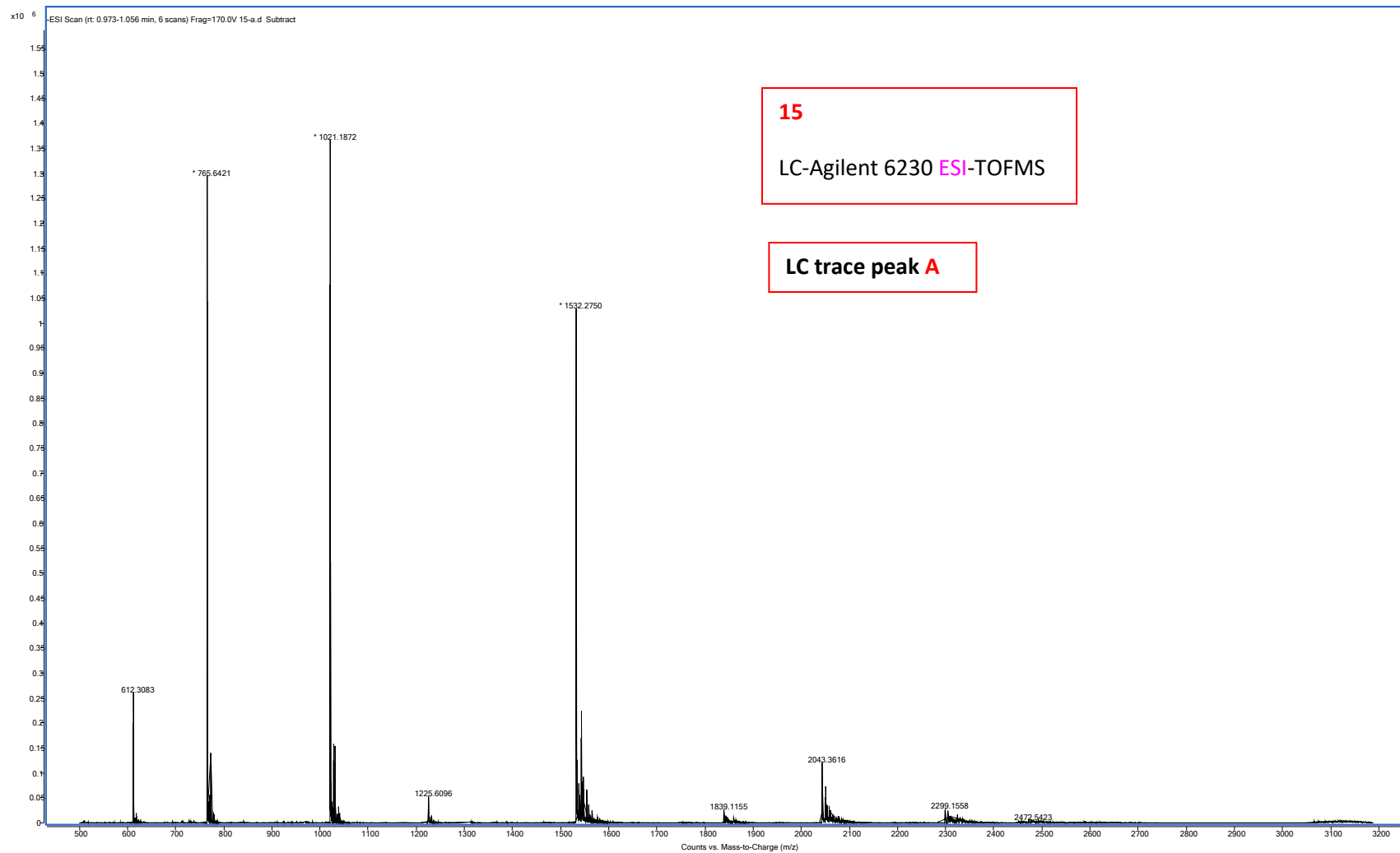
Deconvoluted mass spectrum

LC trace peak **A**

"-H+Na" peak



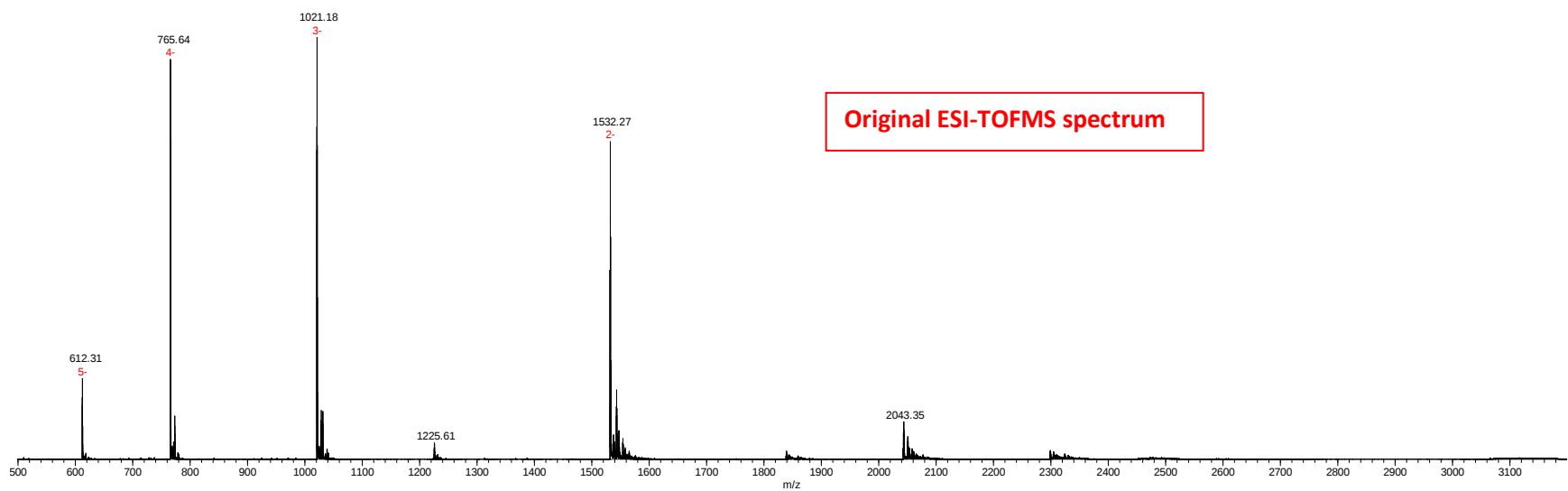
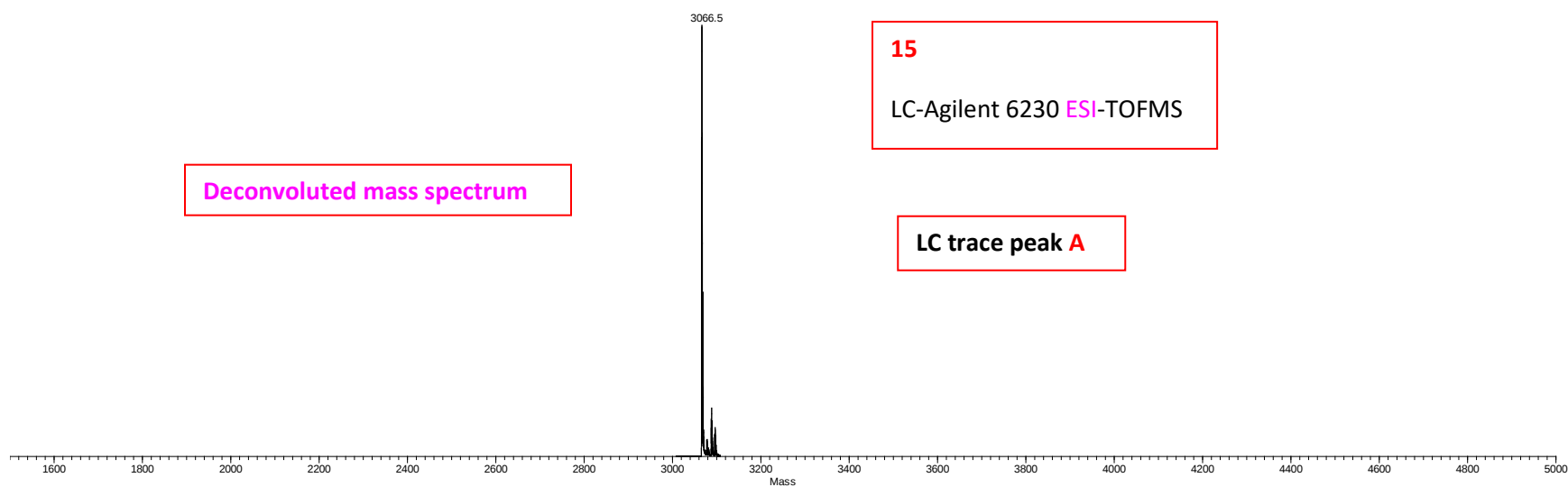




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LC-Agilent 6230 ESI-TOFMS

LC trace peak A



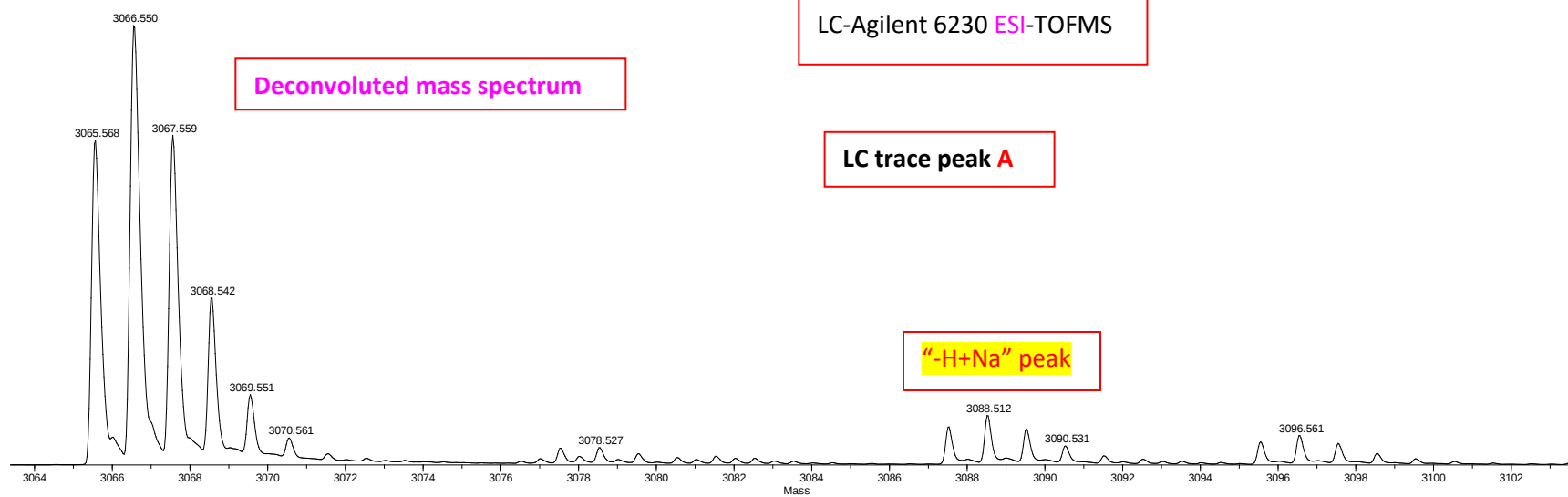
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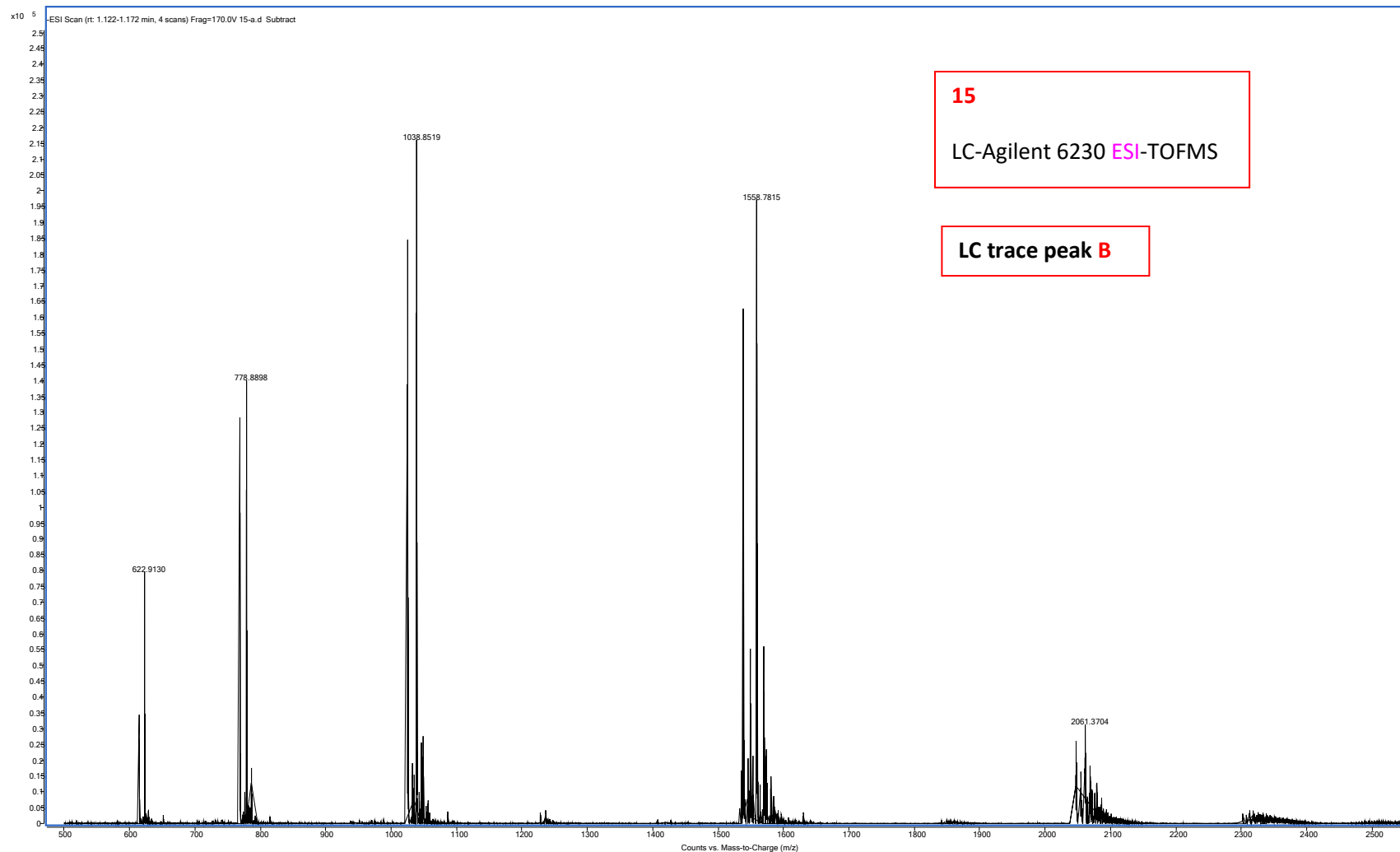
LC-Agilent 6230 ESI-TOFMS

Deconvoluted mass spectrum

LC trace peak A

"-H+Na" peak





15

LC-Agilent 6230 ESI-TOFMS

LC trace peak **B**

