



ANALYSIS OF NDMA USING SCIEX Triple Quad™ 3500

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ACCURACY DATA RESULT TABLE (RANGE from 1.5PPB TO 30 PPB)

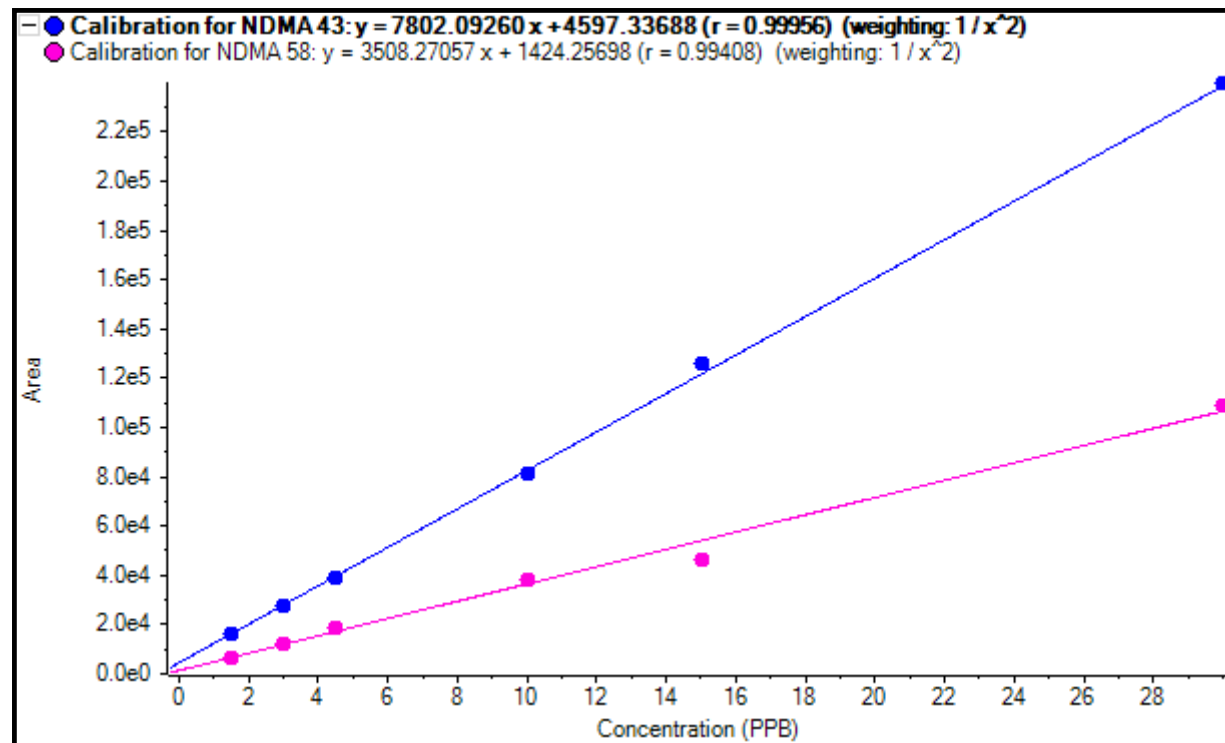
NDMA

	Sample Name	Sample Type	Injection Volume	Component Name	Mass Info	Actual Concentration	Area	Retention Time	Signal / Noise	Calculated Concentration	Accuracy	Ion Ratio
▶	DILUENT	Blank	30.00	NDMA 43	75.0 / 43.0	N/A	213	3.84	2.6	< 0	N/A	1.000
	1.5 PPB	Standard	30.00	NDMA 43	75.0 / 43.0	1.50	16444	3.86	42.4	1.52	101.23	1.000
	3.0 PPB	Standard	30.00	NDMA 43	75.0 / 43.0	3.00	27693	3.88	79.7	2.96	98.67	1.000
	4.5 PPB	Standard	30.00	NDMA 43	75.0 / 43.0	4.50	39037	3.91	102.9	4.41	98.09	1.000
	10 PPB	Standard	30.00	NDMA 43	75.0 / 43.0	10.00	81006	3.86	68.8	9.79	97.93	1.000
	15 PPB	Standard	30.00	NDMA 43	75.0 / 43.0	15.00	125839	3.90	81.3	15.54	103.60	1.000
	30 PPB	Standard	30.00	NDMA 43	75.0 / 43.0	30.00	239776	3.88	129.3	30.14	100.48	1.000

	Sample Name	Sample Type	Injection Volume	Component Name	Mass Info	Actual Concentration	Area	Retention Time	Signal / Noise	Calculated Concentration	Accuracy	Ion Ratio
	DILUENT	Blank	30.00	NDMA 58	75.0 / 58.1	N/A	211	3.58	6.1	< 0	N/A	0.990
	1.5 PPB	Standard	30.00	NDMA 58	75.0 / 58.1	1.50	6467	3.86	48.3	1.49	99.33	0.393
	3.0 PPB	Standard	30.00	NDMA 58	75.0 / 58.1	3.00	12481	3.88	95.2	3.04	101.47	0.451
	4.5 PPB	Standard	30.00	NDMA 58	75.0 / 58.1	4.50	18325	3.91	94.3	4.55	101.21	0.469
	10 PPB	Standard	30.00	NDMA 58	75.0 / 58.1	10.00	37966	3.86	107.7	9.63	96.30	0.469
	15 PPB	Standard	30.00	NDMA 58	75.0 / 58.1	15.00	58816	3.90	182.3	15.02	100.12	0.467
	30 PPB	Standard	30.00	NDMA 58	75.0 / 58.1	30.00	118615	3.88	252.8	30.47	101.57	0.495

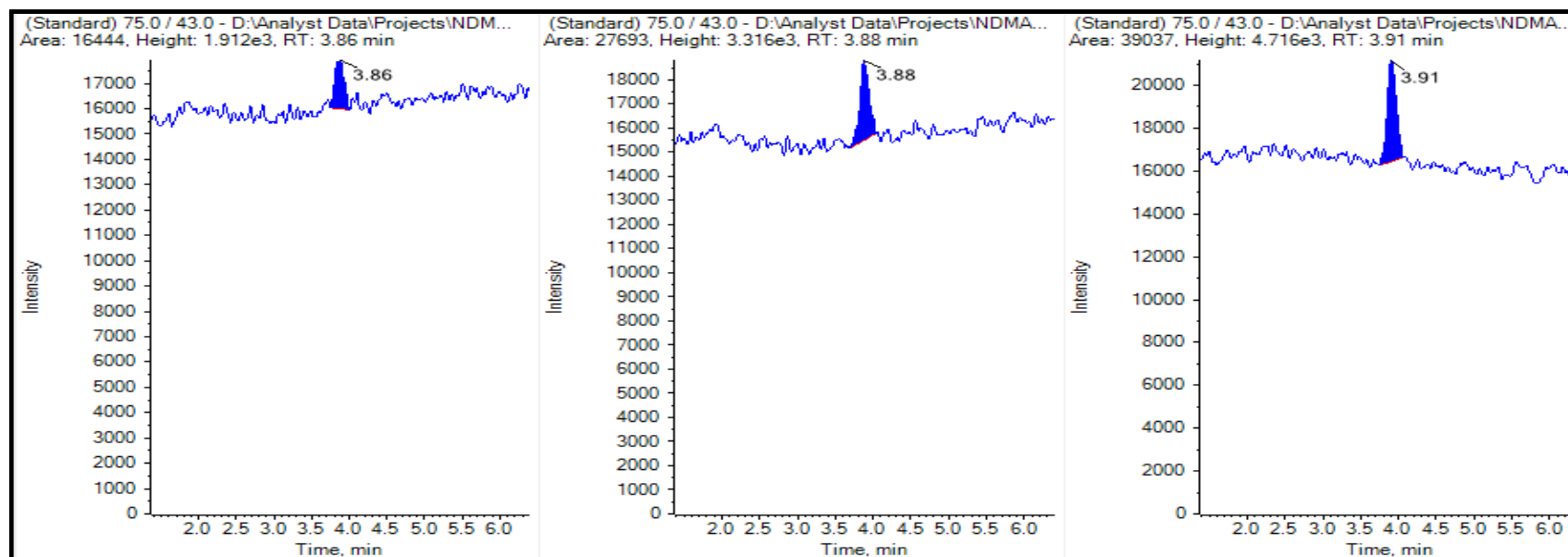
CALIBRATION CURVE (RANGE 1.5PPB TO 30 PPB)

NDMA



CHROMATOGRAM (m/z-75.0/43.0)

NDMA



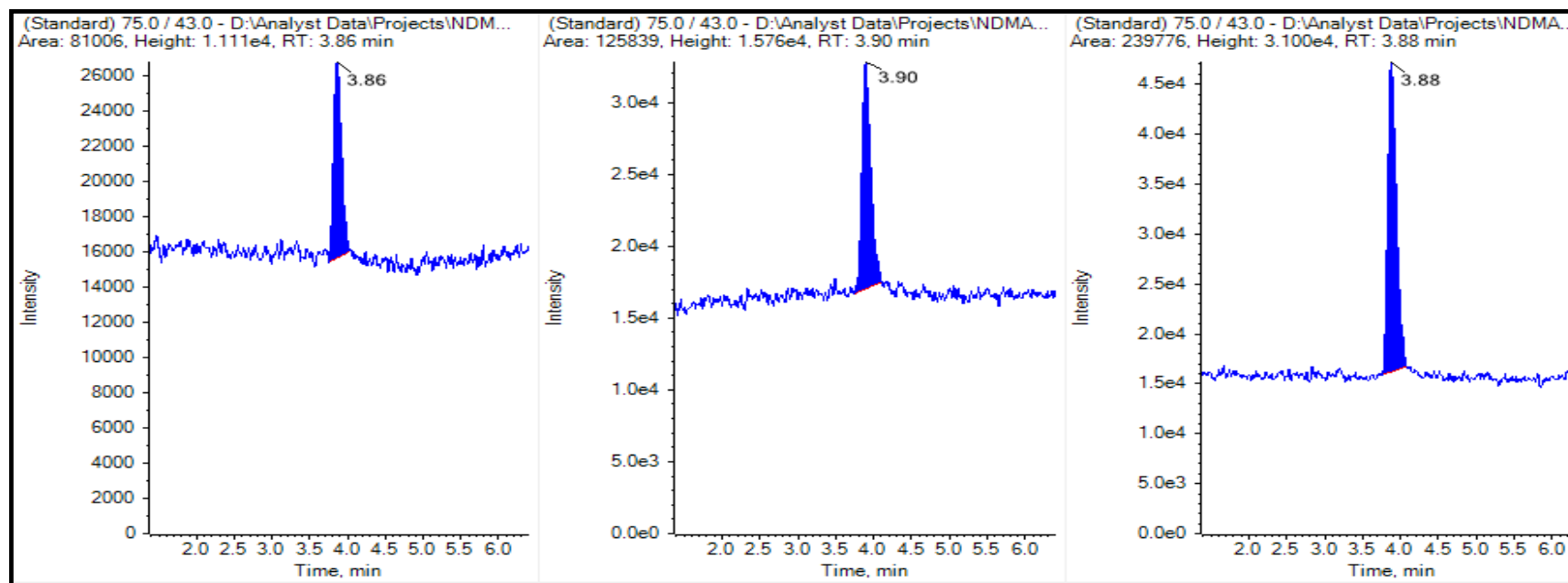
1.5PPB, SMOOTHING:2.2

3.0PPB, SMOOTHING:2.2

4.5PPB, SMOOTHING:2.2

CHROMATOGRAM (m/z-75.0/43.0)

NDMA



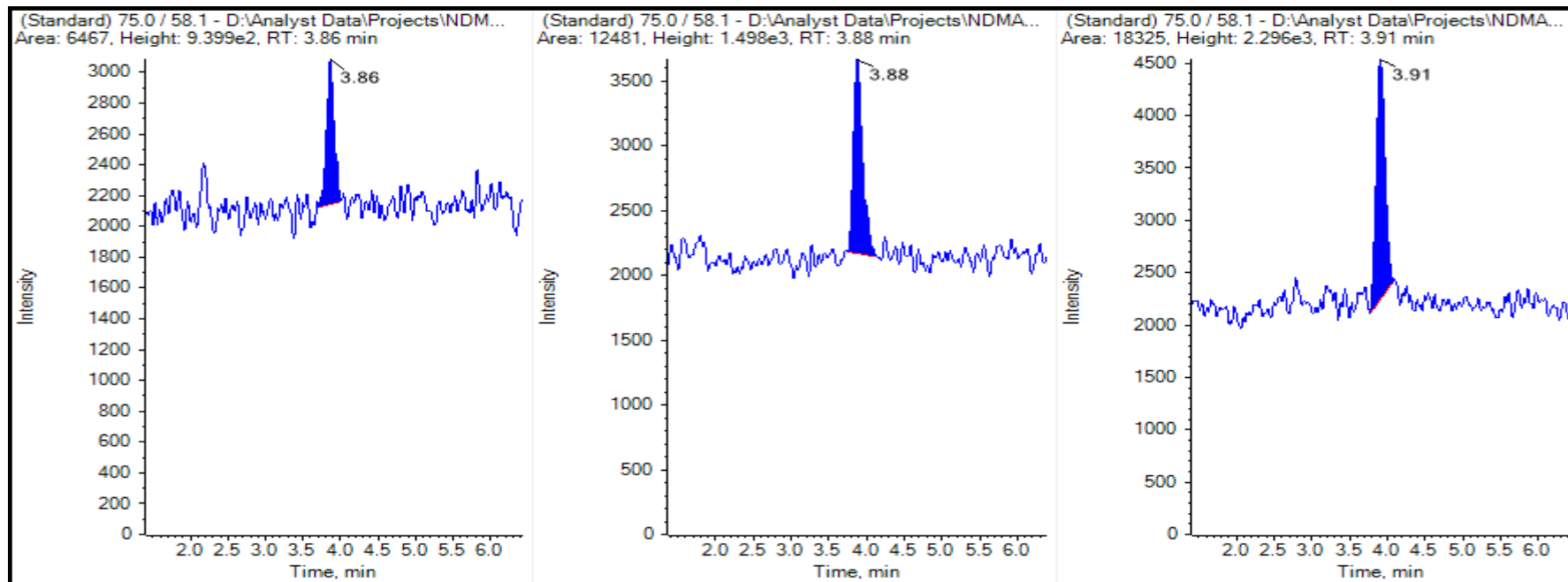
10.0PPB, SMOOTHING:1.0

15.0PPB, SMOOTHING:1.0

30.0PPB, SMOOTHING:1.0

CHROMATOGRAM (m/z-75.0/58.1)

NDMA



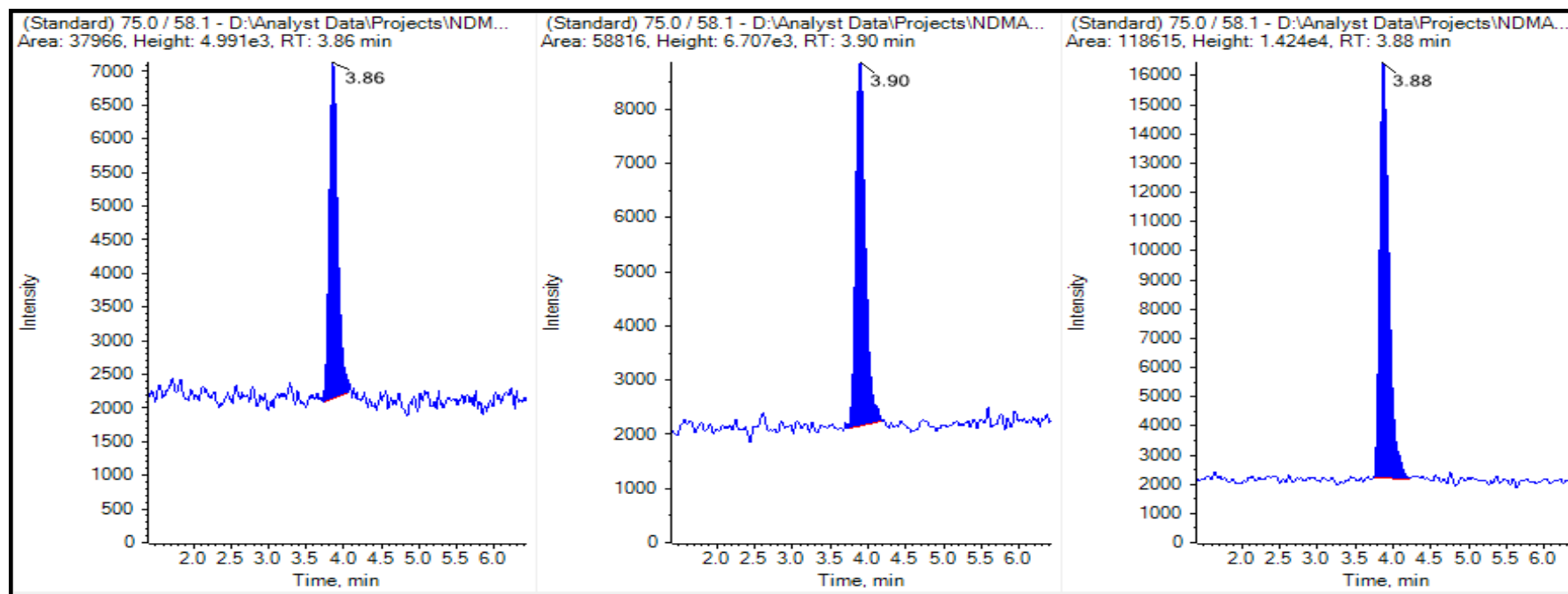
1.5PPB, SMOOTHING:2.0

3.0PPB, SMOOTHING:2.3

4.5PPB, SMOOTHING:2.0

CHROMATOGRAM (m/z-75.0/58.1)

NDMA



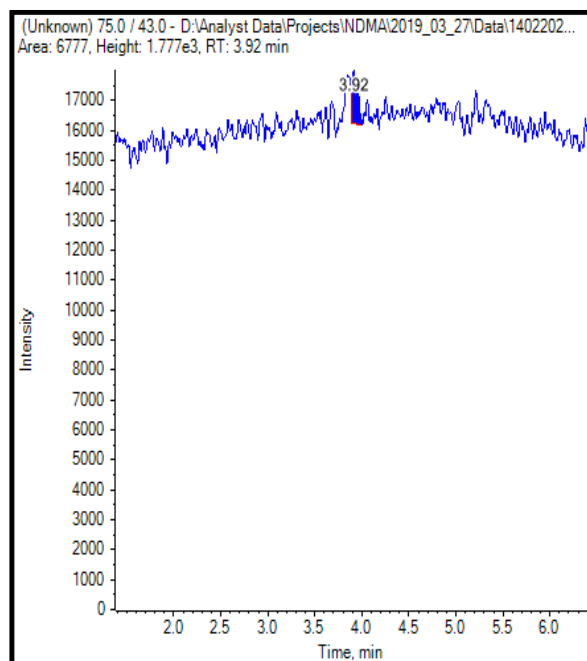
10.0PPB, SMOOTHING:1.5

15.0PPB, SMOOTHING:2.0

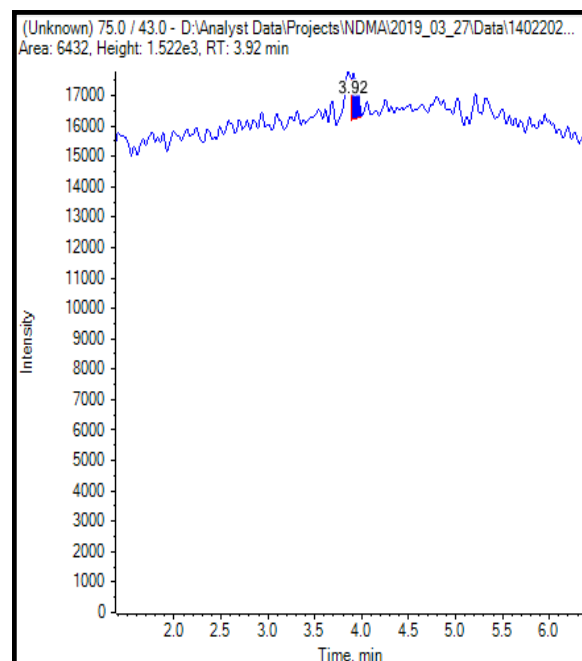
30.0PPB, SMOOTHING:2.0

CHROMATOGRAM 0.5 PPB (m/z-75.0/43.)

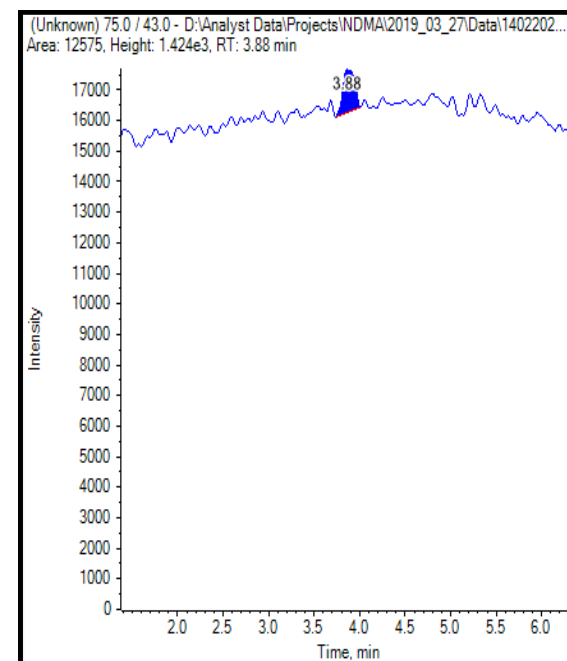
NDMA



1.0PPB, SMOOTHING:1.0



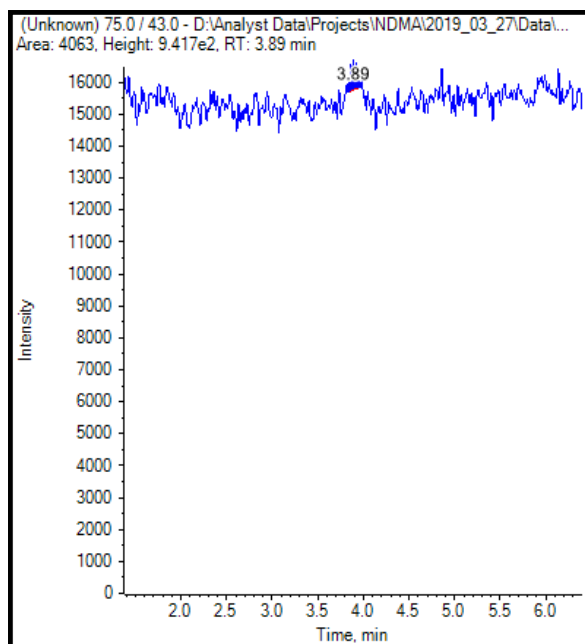
1.0PPB, SMOOTHING:2.0



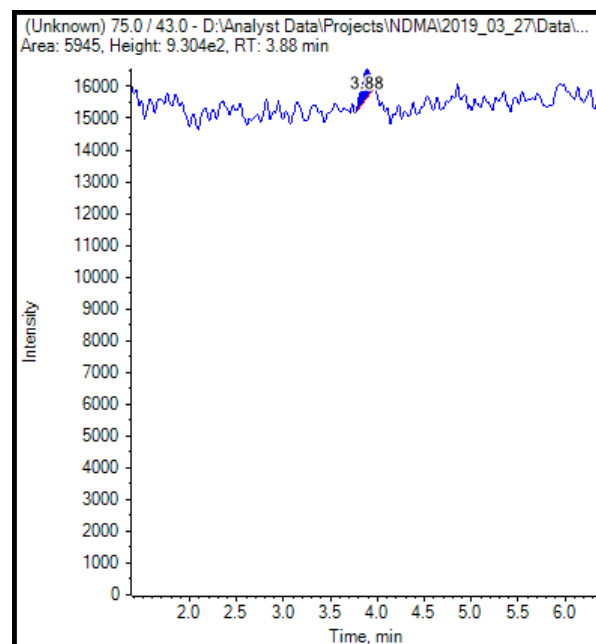
1.0PPB, SMOOTHING:3.0

CHROMATOGRAM 1PPB LEVEL (m/z-75.0/43.)

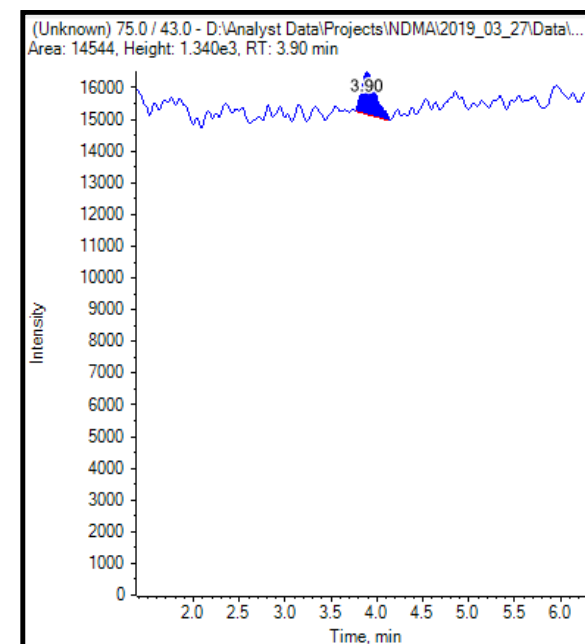
NDMA



1.0PPB, SMOOTHING:1.0



1.0PPB, SMOOTHING:2.0



1.0PPB, SMOOTHING:3.0



THANK YOU



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