

Quantis Plus (QP) IVM Report

Lab Name:	OTSC	Method:	IVM v1
Instrument:	Quantis Plus	Acquire Date:	1/21/2026
SOP #:		Analyte:	Ivermectin
Batch:	IVM Serum Assay Val 012126		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM005	BLK2	N/F	0.00	N/F	N/A	N/F	N/A
IVM006	STD 1	5.90	3454.67	151421	1.00	1.079	7.920
IVM007	STD 2	5.90	5967.30	147602	2.00	1.901	-4.950
IVM008	STD 3	5.95	17506.85	162768	5.00	5.033	0.660
IVM009	STD 4	5.90	34492.79	157691	10.00	10.221	2.210
IVM010	STD 5	5.95	62458.37	160166	20.00	18.210	-8.950
IVM011	STD 6	5.90	177383.71	160578	50.00	51.556	3.110
IVM012	BLK3	N/F	0.00	N/F	N/A	N/F	N/A
IVM013	Matrix 1	N/F	0.00	N/F	N/A	N/F	N/A
IVM014	Matrix 2	N/F	0.00	N/F	N/A	N/F	N/A
IVM015	BLK4	N/F	0.00	N/F	N/A	N/F	N/A
IVM016	LS	5.90	9634.23	159323	3.00	2.836	-5.460
IVM017	BLK5	6.00	35.91	N/F	N/A	N/A	N/A
IVM018	50 ppb-X5 Dilution-P1	5.90	31821.98	156221	N/A	9.519	N/A
IVM019	50 ppb-X5 Dilution-P2	5.90	29506.73	146739	N/A	9.397	N/A
IVM020	50 ppb-X5 Dilution-P3	5.90	31765.37	156545	N/A	9.482	N/A
IVM021	50 ppb-X5 Dilution-P4	5.95	33189.35	164193	N/A	9.446	N/A
IVM022	50 ppb-X5 Dilution-P5	5.90	30455.81	149670	N/A	9.509	N/A
IVM023	BLK6	N/F	0.00	N/F	N/A	N/F	N/A
IVM024	MS	5.95	64882.46	158999	20.00	19.055	-4.730
IVM025	BLK7	N/F	0.00	30	N/A	N/F	N/A
IVM026	150 ppb-X5 Dilution-P1	6.00	103088.46	178926	N/A	26.897	N/A
IVM027	150 ppb-X5 Dilution-P2	6.00	101770.45	179980	N/A	26.398	N/A
IVM028	150 ppb-X5 Dilution-P3	6.00	111796.88	200772	N/A	25.996	N/A
IVM029	150 ppb-X5 Dilution-P4	6.00	103140.21	179168	N/A	26.874	N/A
IVM030	150 ppb-X5 Dilution-P5	6.00	112078.97	198490	N/A	26.361	N/A
IVM031	BLK8	N/F	0.00	N/F	N/A	N/F	N/A
IVM032	HS	5.90	139118.79	163565	40.00	39.700	-0.750
IVM033	BLK9	N/F	0.00	N/F	N/A	N/F	N/A
IVM034	250 ppb-X5 Dilution-P1	5.95	171846.00	167666	N/A	47.837	N/A
IVM035	250 ppb-X5 Dilution-P2	6.00	170473.81	167909	N/A	47.386	N/A
IVM036	250 ppb-X5 Dilution-P3	5.95	168001.47	160666	N/A	48.803	N/A
IVM037	250 ppb-X5 Dilution-P4	6.00	171905.55	163005	N/A	49.221	N/A
IVM038	250 ppb-X5 Dilution-P5	6.00	169314.26	162299	N/A	48.690	N/A
IVM039	BLK10	6.00	59.41	N/F	N/A	N/A	N/A

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	Method:	IVM v1
Instrument:	Quantis Plus	Acquire Date:	1/21/2026
SOP #		Analyte:	IVM IS
Batch:	IVM Serum Assay Val 012126	Calc IS Response (Avg.):	155929.59

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM005	Solvent	BLK2	N/F	0.00	0.00	NA
IVM006	Cal Std	STD 1	5.88	151421.00	156704.31	-2.89%
IVM007	Cal Std	STD 2	5.88	147602.32	156704.31	-5.34%
IVM008	Cal Std	STD 3	5.88	162767.66	156704.31	4.39%
IVM009	Cal Std	STD 4	5.88	157690.61	156704.31	1.13%
IVM010	Cal Std	STD 5	5.88	160166.39	156704.31	2.72%
IVM011	Cal Std	STD 6	5.88	160577.87	156704.31	2.98%
IVM012	Solvent	BLK3	N/F	0.00	0.00	NA
IVM013	Matrix Blank	Matrix 1	N/F	0.00	0.00	NA
IVM014	Matrix Blank	Matrix 2	N/F	0.00	0.00	NA
IVM015	Solvent	BLK4	N/F	0.00	0.00	NA
IVM016	QC	LS	5.88	159323.49	156704.31	2.18%
IVM017	Solvent	BLK5	N/F	0.00	0.00	NA
IVM018	Unknown	50 ppb-X5 Dilution-P1	5.88	156220.95	156704.31	0.19%
IVM019	Unknown	50 ppb-X5 Dilution-P2	5.88	146739.18	156704.31	-5.89%
IVM020	Unknown	50 ppb-X5 Dilution-P3	5.88	156544.66	156704.31	0.39%
IVM021	Unknown	50 ppb-X5 Dilution-P4	5.88	164192.75	156704.31	5.30%
IVM022	Unknown	50 ppb-X5 Dilution-P5	5.88	149669.53	156704.31	-4.01%
IVM023	Solvent	BLK6	N/F	0.00	0.00	NA
IVM024	QC	MS	5.88	158998.70	156704.31	1.97%
IVM025	Solvent	BLK7	7.28	30.33	156704.31	-99.98%
IVM026	Unknown	150 ppb-X5 Dilution-P1	5.93	178926.38	156704.31	14.75%
IVM027	Unknown	150 ppb-X5 Dilution-P2	5.93	179980.00	156704.31	15.42%
IVM028	Unknown	150 ppb-X5 Dilution-P3	5.93	200772.10	156704.31	28.76%
IVM029	Unknown	150 ppb-X5 Dilution-P4	5.93	179168.25	156704.31	14.90%
IVM030	Unknown	150 ppb-X5 Dilution-P5	5.93	198489.52	156704.31	27.29%
IVM031	Solvent	BLK8	N/F	0.00	0.00	NA
IVM032	QC	HS	5.88	163564.54	156704.31	4.90%
IVM033	Solvent	BLK9	N/F	0.00	0.00	NA
IVM034	Unknown	250 ppb-X5 Dilution-P1	5.93	167665.63	156704.31	7.53%
IVM035	Unknown	250 ppb-X5 Dilution-P2	5.93	167909.10	156704.31	7.68%
IVM036	Unknown	250 ppb-X5 Dilution-P3	5.93	160666.01	156704.31	3.04%
IVM037	Unknown	250 ppb-X5 Dilution-P4	5.93	163004.80	156704.31	4.54%
IVM038	Unknown	250 ppb-X5 Dilution-P5	5.93	162298.83	156704.31	4.08%
IVM039	Solvent	BLK10	N/F	0.00	0.00	NA

*(1)-Average IS Response may include blank due to software bug. Used averageifs formula to calculate IS Response (Avg) and updated % deviation calculation 10/27/22. -DMP

NOTE: Data chromatography is filtered to remove LFFM samples from report. -DMP 9/20/2023

Quantis Plus (QP) Chromatograms

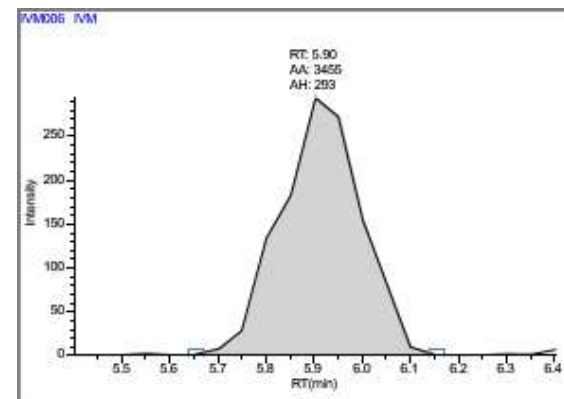
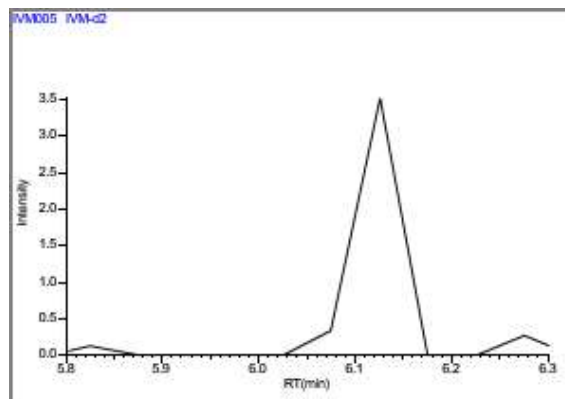
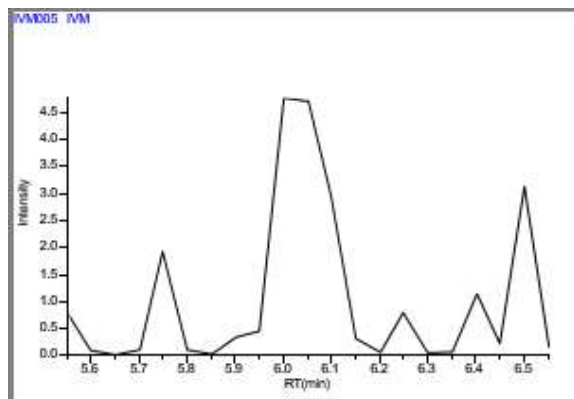
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

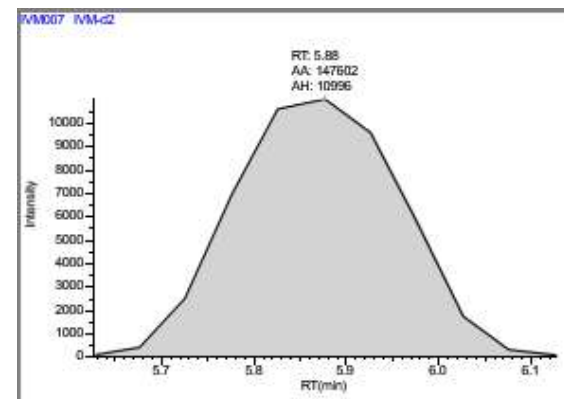
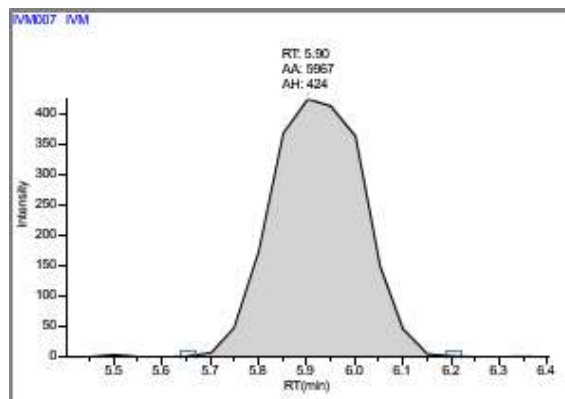
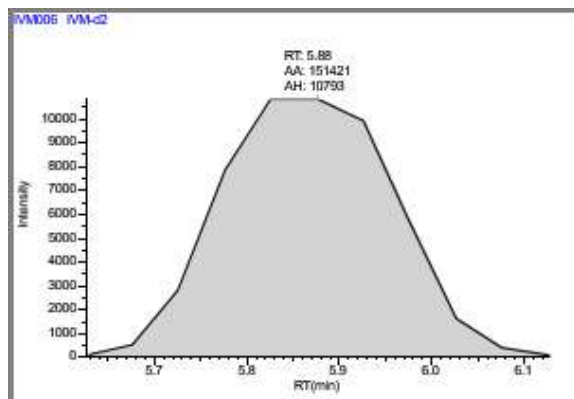
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM005	File Name:	IVM005	File Name:	IVM006
Sample Name:	BLK2	Sample Name:	BLK2	Sample Name:	STD 1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM006	File Name:	IVM007	File Name:	IVM007
Sample Name:	STD 1	Sample Name:	STD 2	Sample Name:	STD 2
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

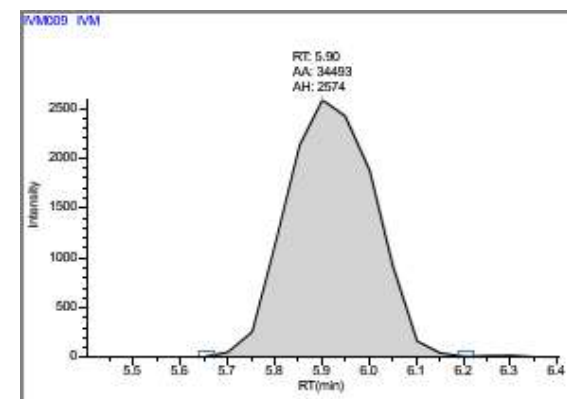
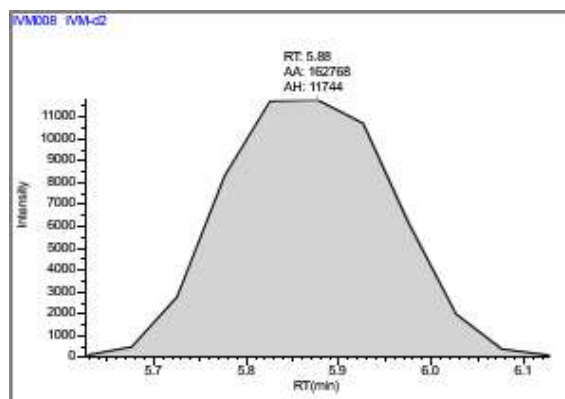
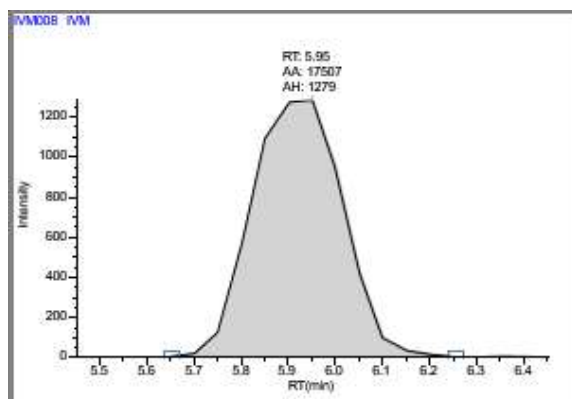
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

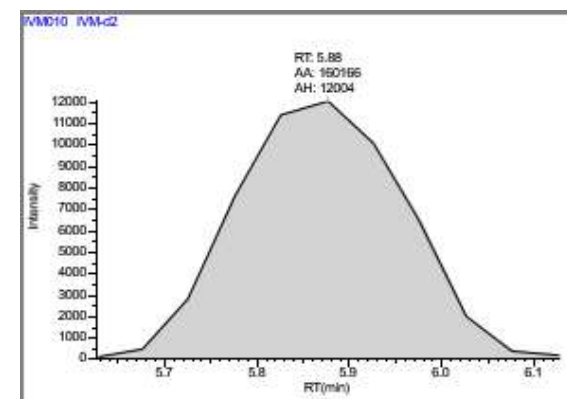
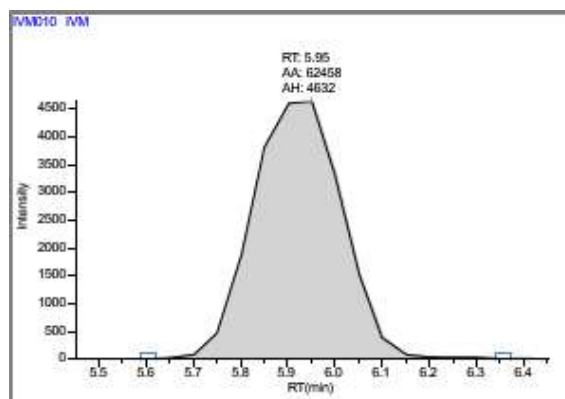
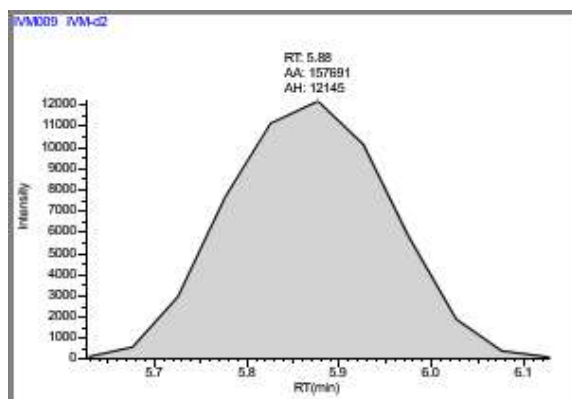
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM008	File Name:	IVM008	File Name:	IVM009
Sample Name:	STD 3	Sample Name:	STD 3	Sample Name:	STD 4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM009	File Name:	IVM010	File Name:	IVM010
Sample Name:	STD 4	Sample Name:	STD 5	Sample Name:	STD 5
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

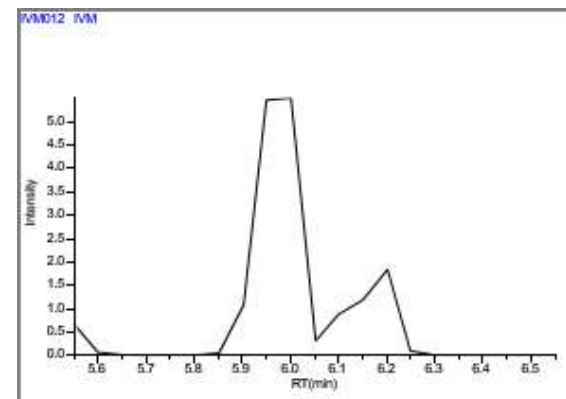
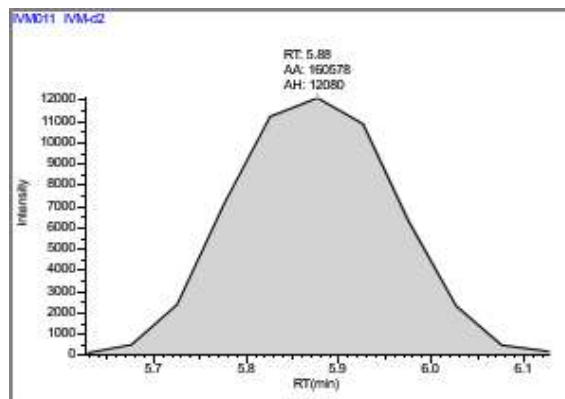
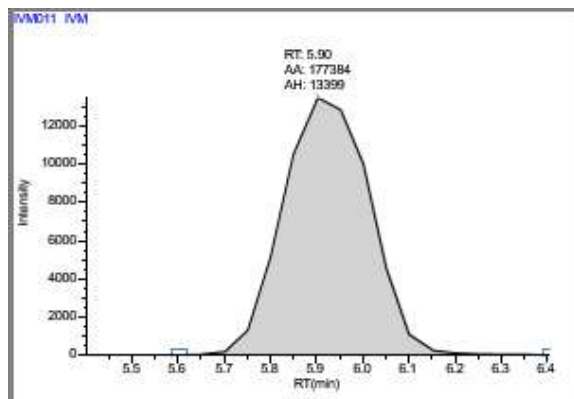
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Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

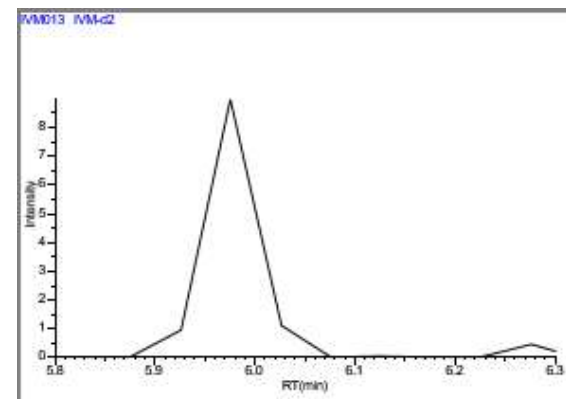
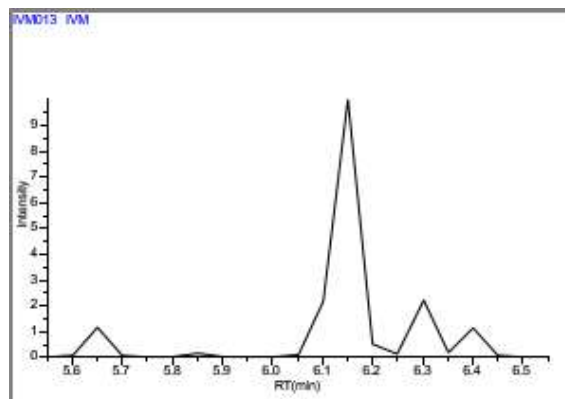
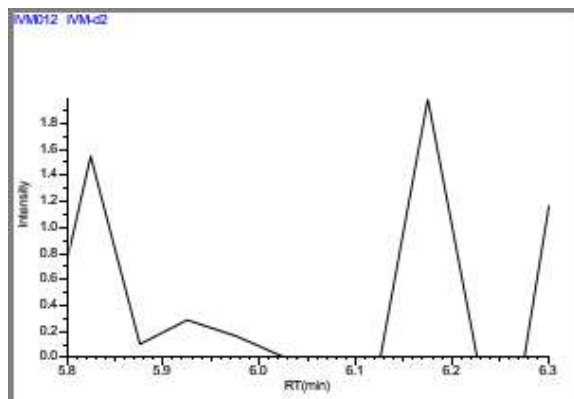
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM011	File Name:	IVM011	File Name:	IVM012
Sample Name:	STD 6	Sample Name:	STD 6	Sample Name:	BLK3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM012	File Name:	IVM013	File Name:	IVM013
Sample Name:	BLK3	Sample Name:	Matrix 1	Sample Name:	Matrix 1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

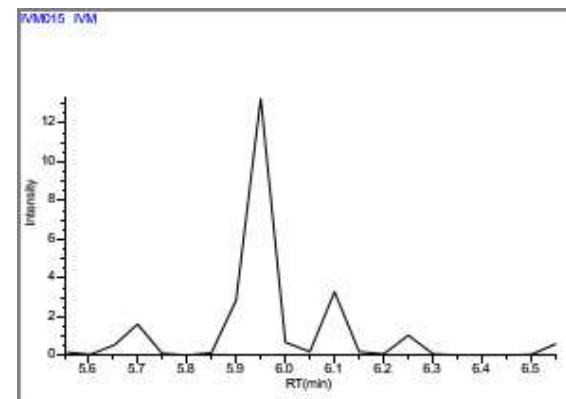
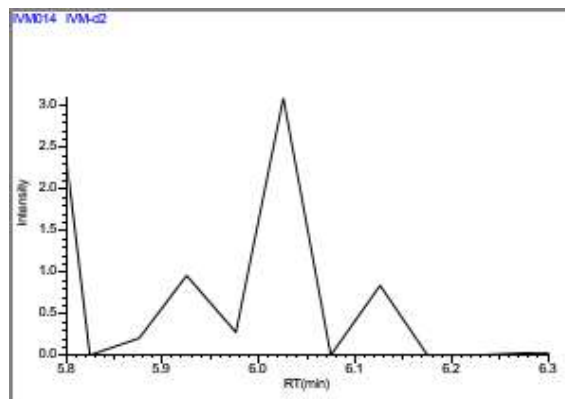
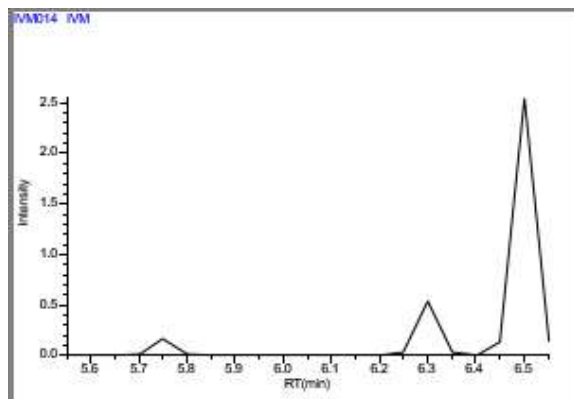
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

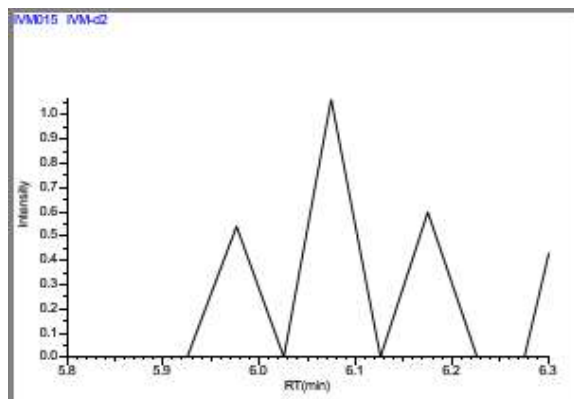
SOP #

Batch: IVM Serum Assay Val 012126

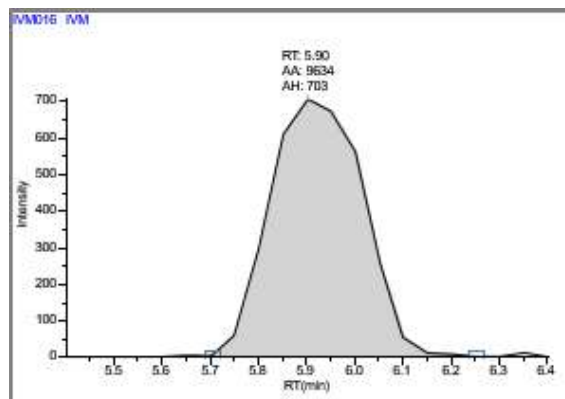
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File Name:	IVM014	File Name:	IVM014	File Name:	IVM015
Sample Name:	Matrix 2	Sample Name:	Matrix 2	Sample Name:	BLK4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



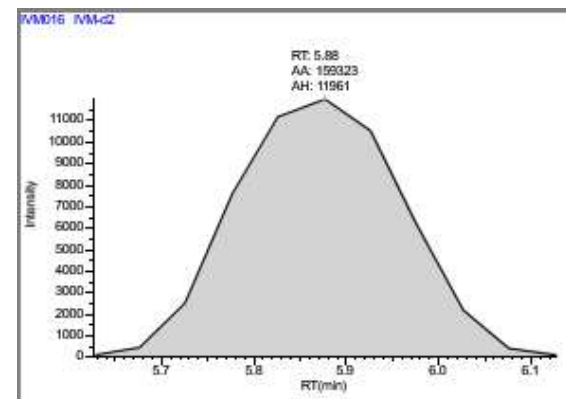
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File Name:	IVM015
Sample Name:	BLK4
Manipulated?	FALSE



Compound Name:	IVM
File Name:	IVM016
Sample Name:	LS
Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM016
Sample Name:	LS
Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

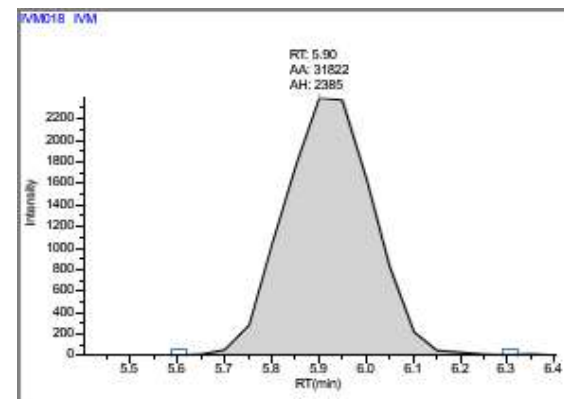
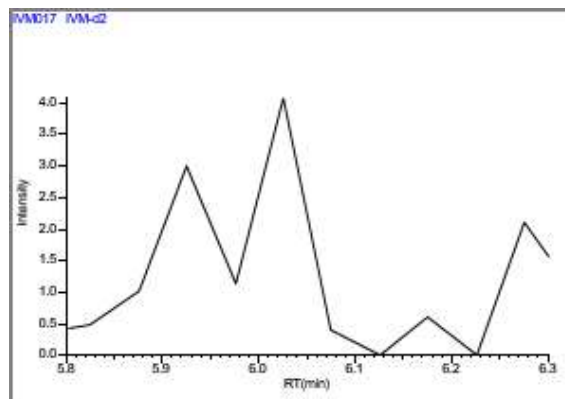
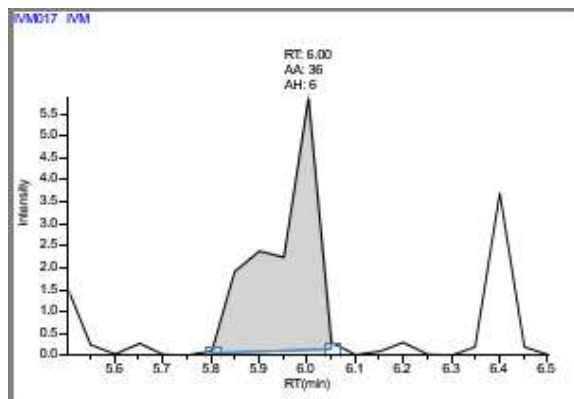
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

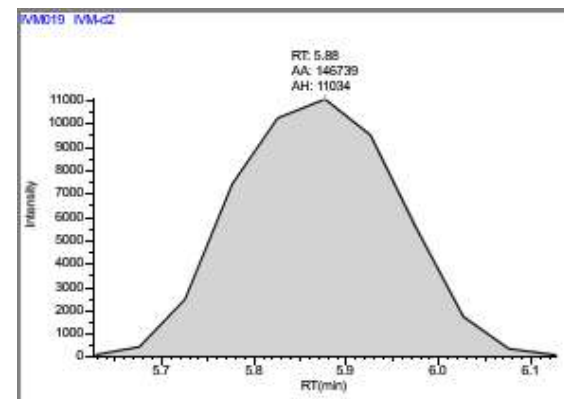
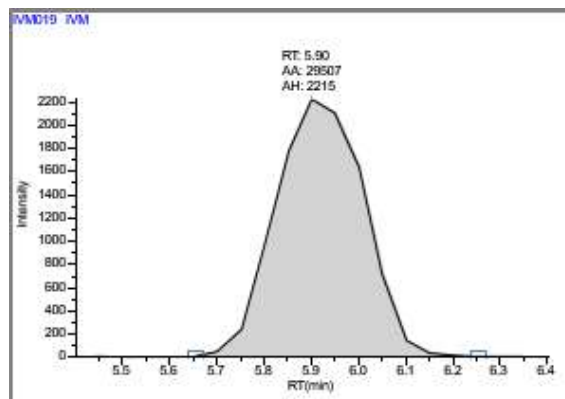
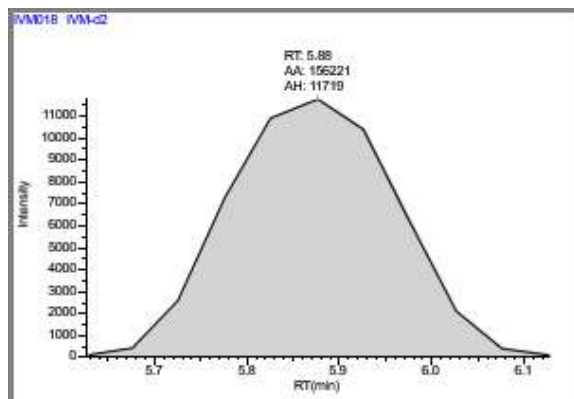
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM017	File Name:	IVM017	File Name:	IVM018
Sample Name:	BLK5	Sample Name:	BLK5	Sample Name:	50 ppb-X5 Dilution-P1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM018	File Name:	IVM019	File Name:	IVM019
Sample Name:	50 ppb-X5 Dilution-P1	Sample Name:	50 ppb-X5 Dilution-P2	Sample Name:	50 ppb-X5 Dilution-P2
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

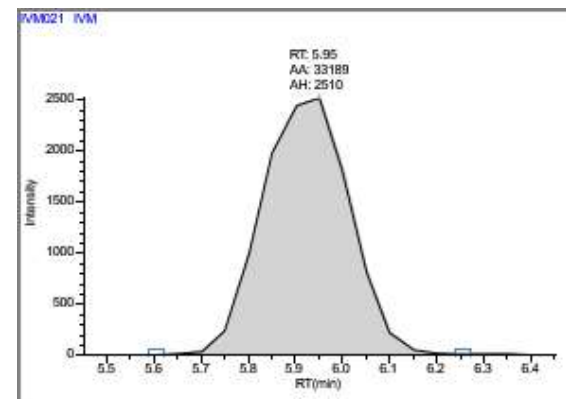
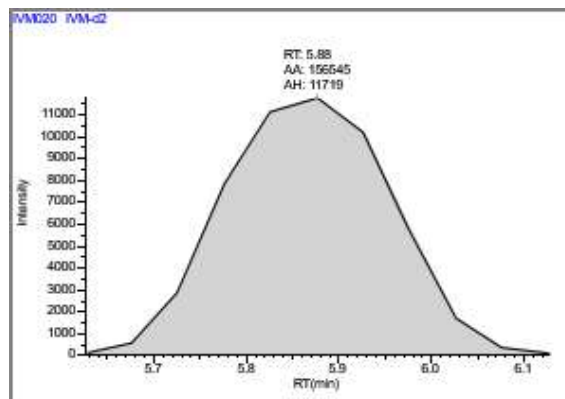
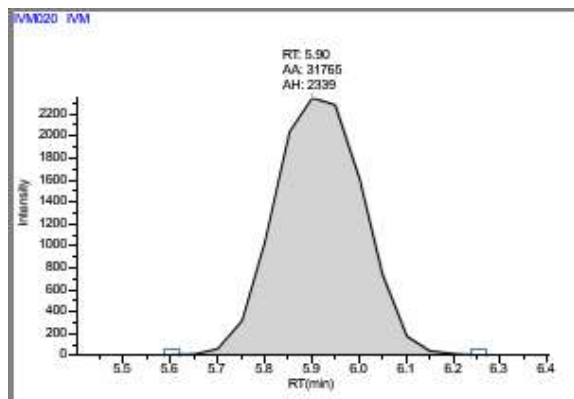
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

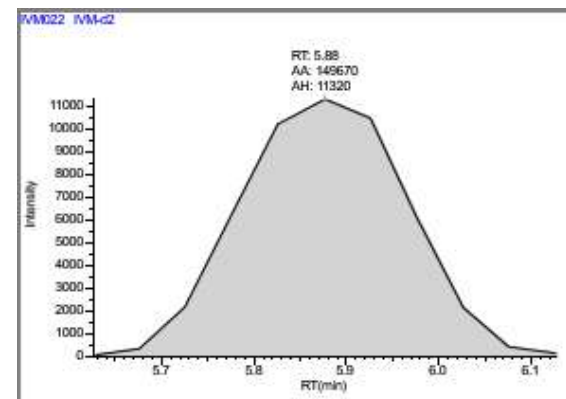
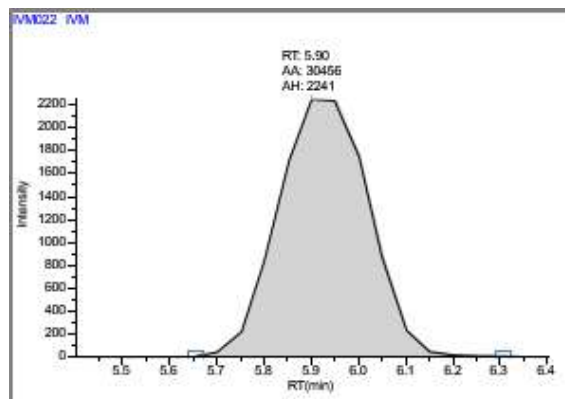
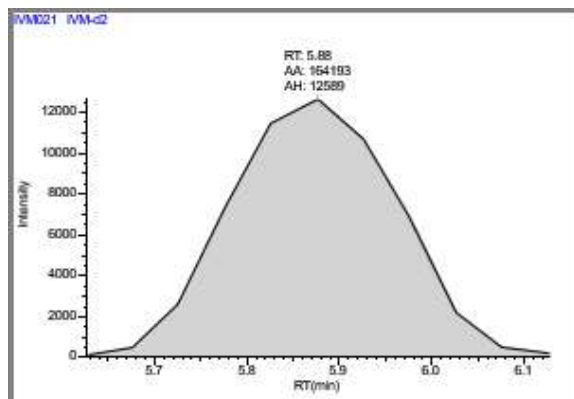
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM020	File Name:	IVM020	File Name:	IVM021
Sample Name:	50 ppb-X5 Dilution-P3	Sample Name:	50 ppb-X5 Dilution-P3	Sample Name:	50 ppb-X5 Dilution-P4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM021	File Name:	IVM022	File Name:	IVM022
Sample Name:	50 ppb-X5 Dilution-P4	Sample Name:	50 ppb-X5 Dilution-P5	Sample Name:	50 ppb-X5 Dilution-P5
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

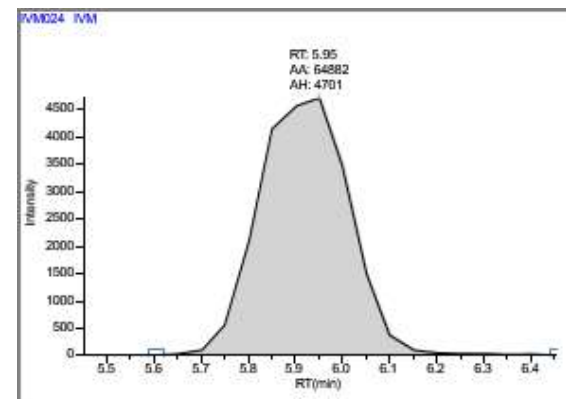
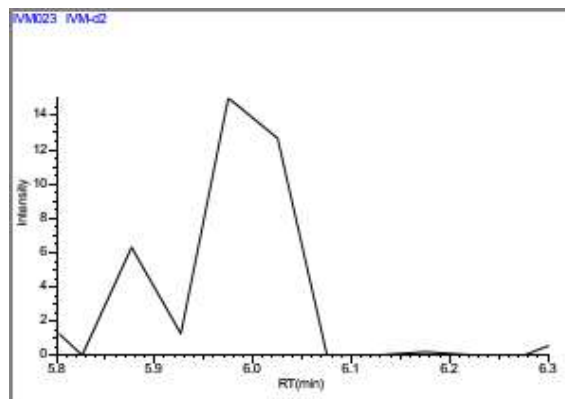
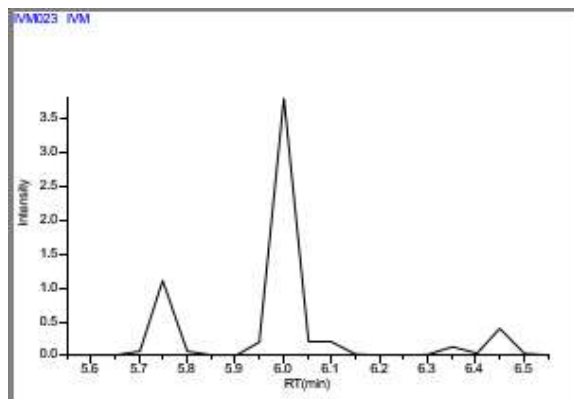
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

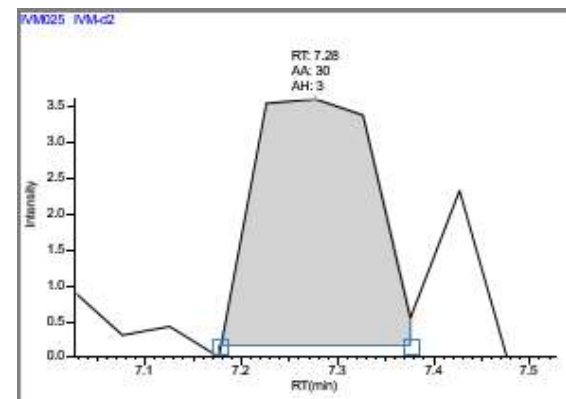
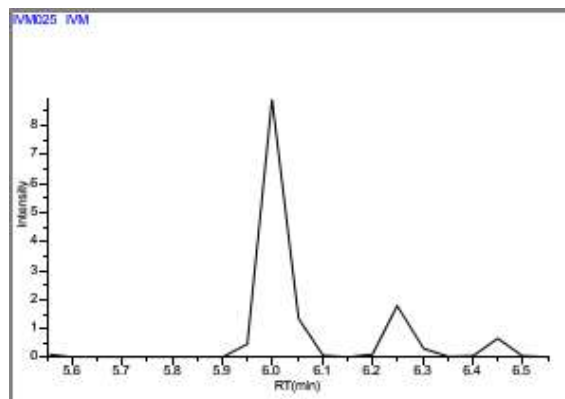
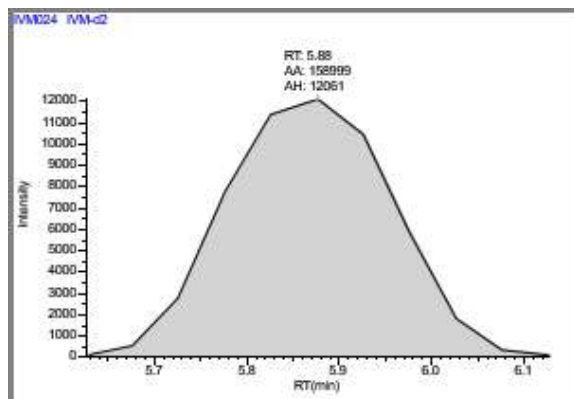
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM023	File Name:	IVM023	File Name:	IVM024
Sample Name:	BLK6	Sample Name:	BLK6	Sample Name:	MS
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM024	File Name:	IVM025	File Name:	IVM025
Sample Name:	MS	Sample Name:	BLK7	Sample Name:	BLK7
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

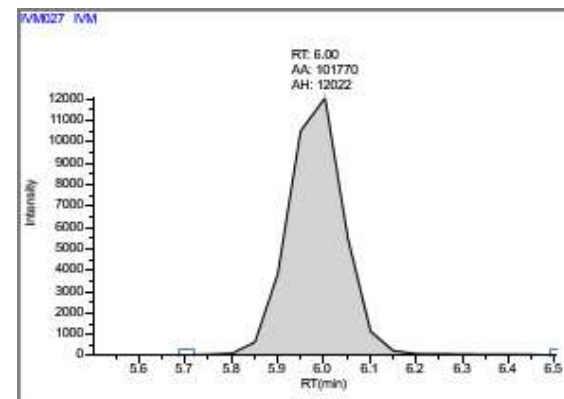
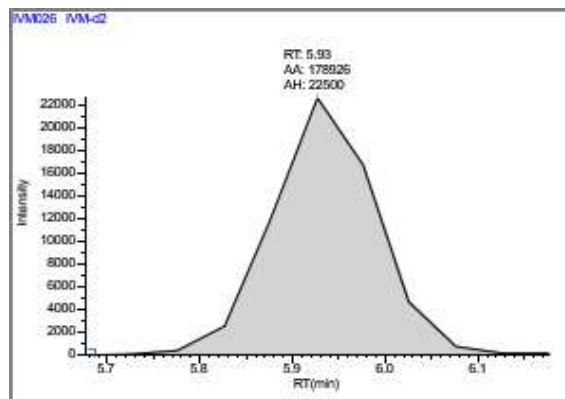
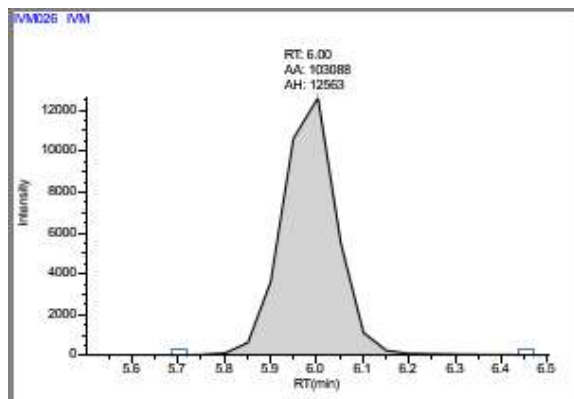
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

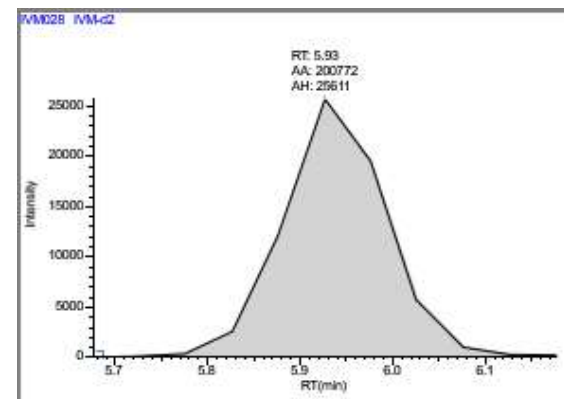
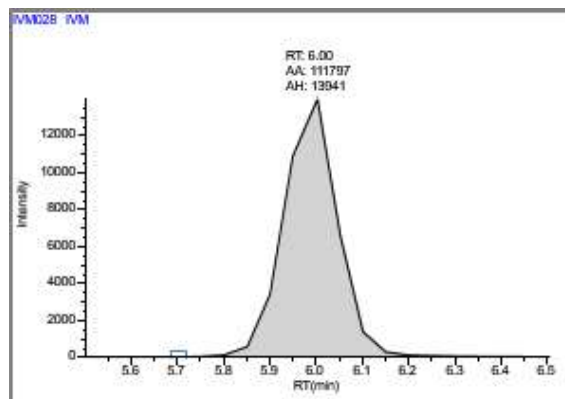
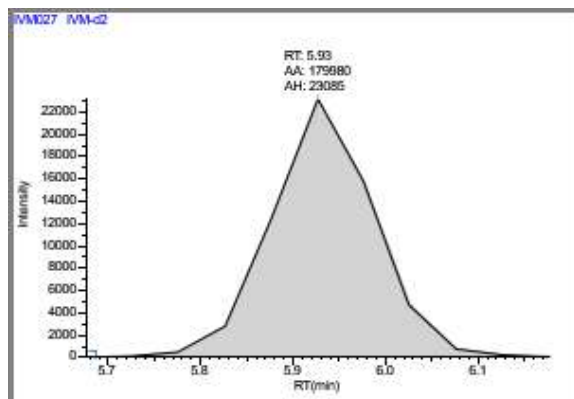
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM026	File Name:	IVM026	File Name:	IVM027
Sample Name:	150 ppb-X5 Dilution-P1	Sample Name:	150 ppb-X5 Dilution-P1	Sample Name:	150 ppb-X5 Dilution-P2
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM027	File Name:	IVM028	File Name:	IVM028
Sample Name:	150 ppb-X5 Dilution-P2	Sample Name:	150 ppb-X5 Dilution-P3	Sample Name:	150 ppb-X5 Dilution-P3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

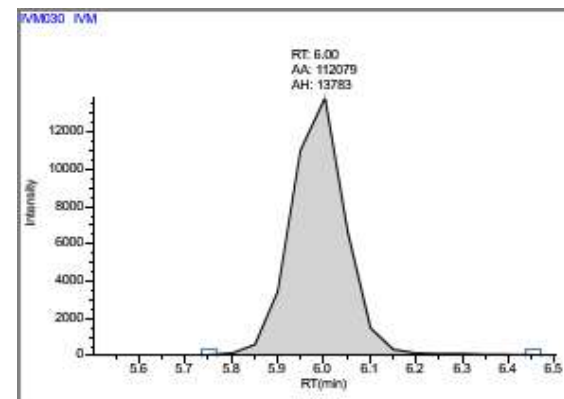
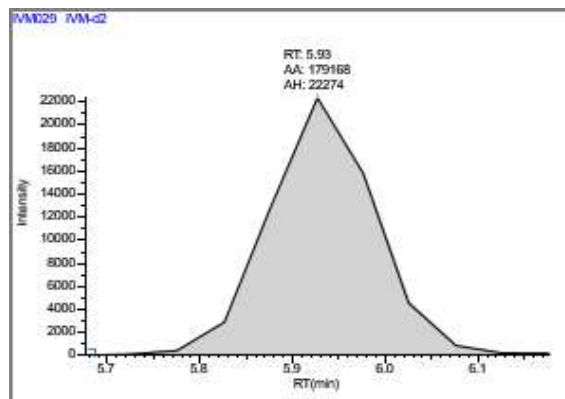
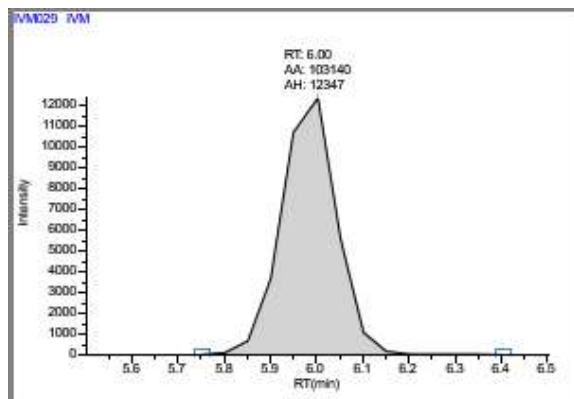
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

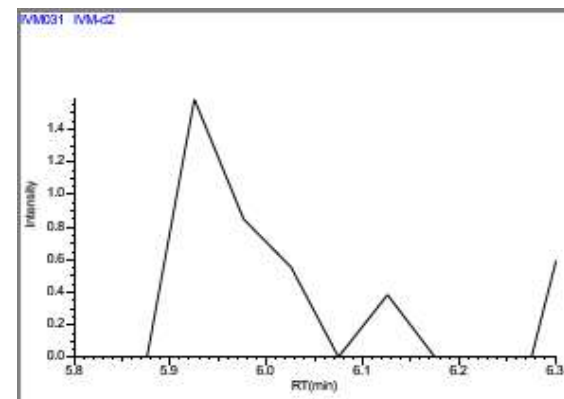
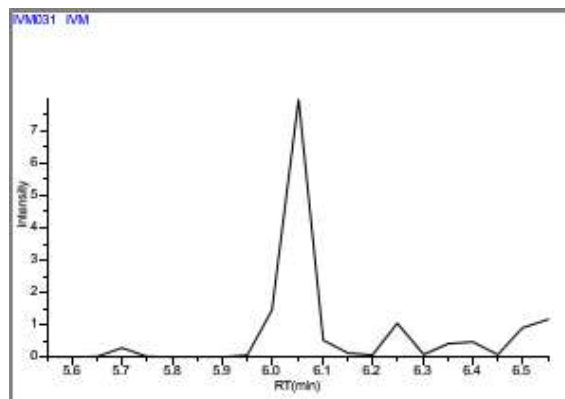
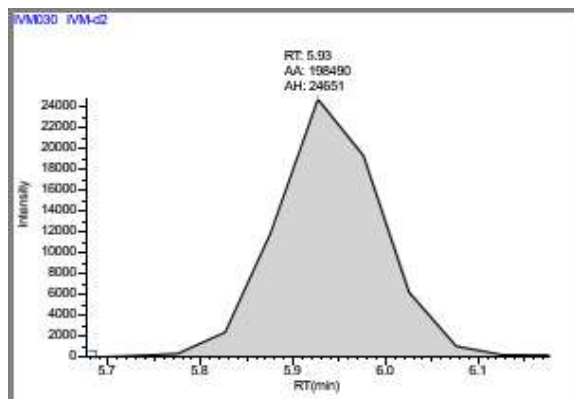
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM029	File Name:	IVM029	File Name:	IVM030
Sample Name:	150 ppb-X5 Dilution-P4	Sample Name:	150 ppb-X5 Dilution-P4	Sample Name:	150 ppb-X5 Dilution-P5
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM030	File Name:	IVM031	File Name:	IVM031
Sample Name:	150 ppb-X5 Dilution-P5	Sample Name:	BLK8	Sample Name:	BLK8
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

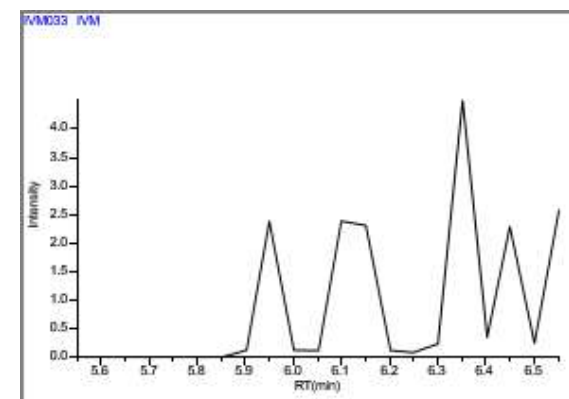
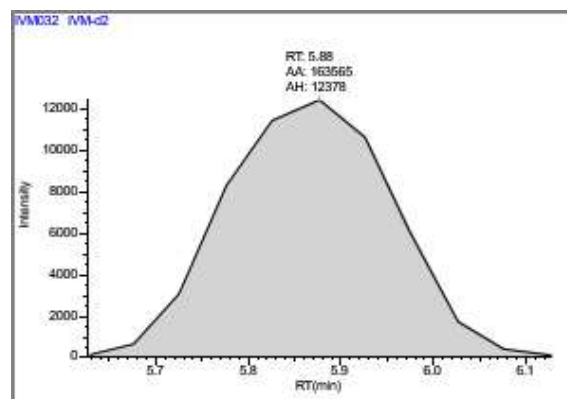
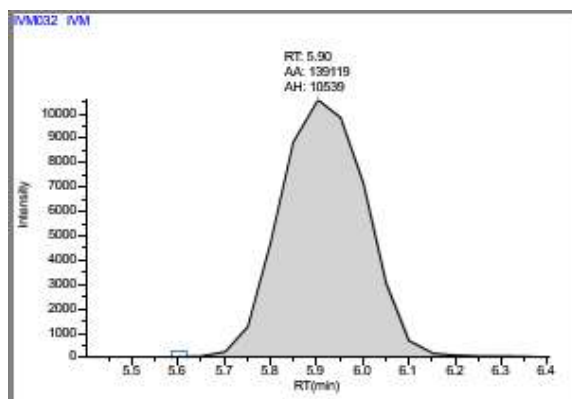
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

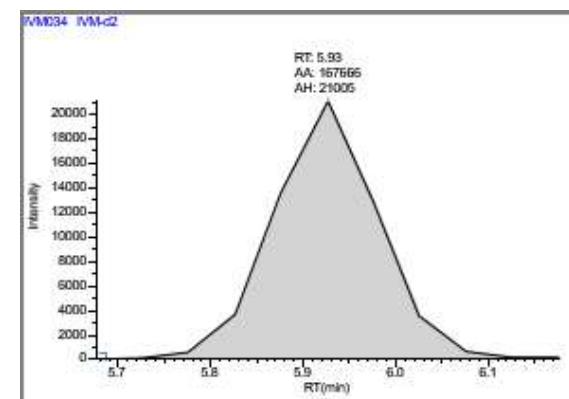
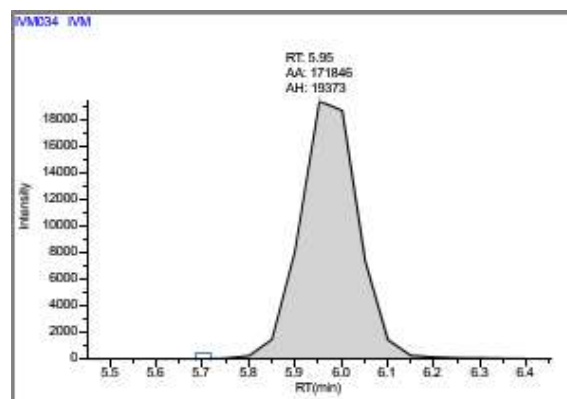
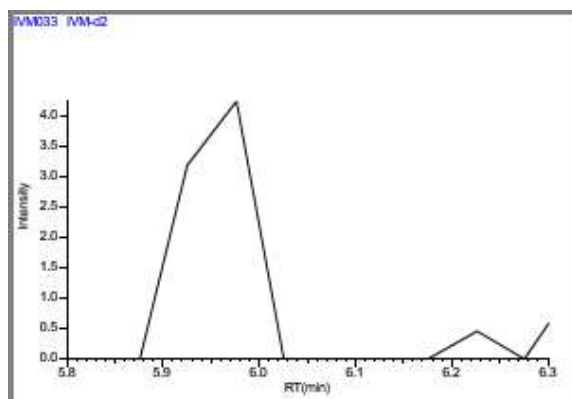
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM032	File Name:	IVM032	File Name:	IVM033
Sample Name:	HS	Sample Name:	HS	Sample Name:	BLK9
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM033	File Name:	IVM034	File Name:	IVM034
Sample Name:	BLK9	Sample Name:	250 ppb-X5 Dilution-P1	Sample Name:	250 ppb-X5 Dilution-P1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

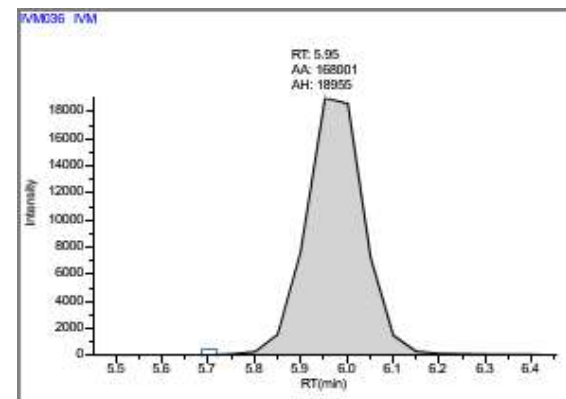
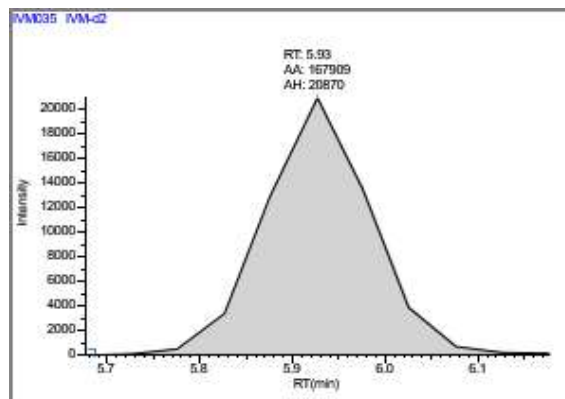
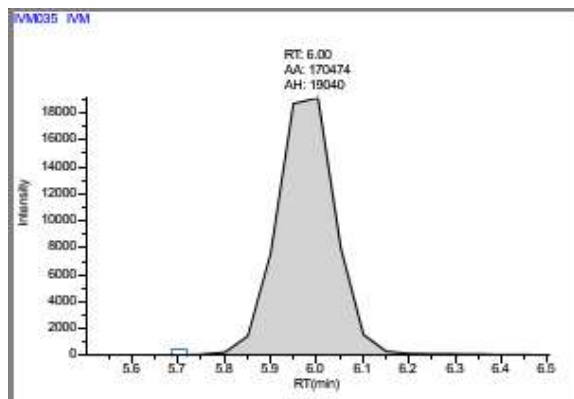
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

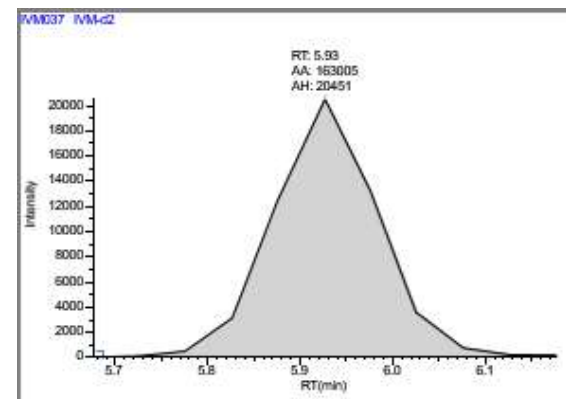
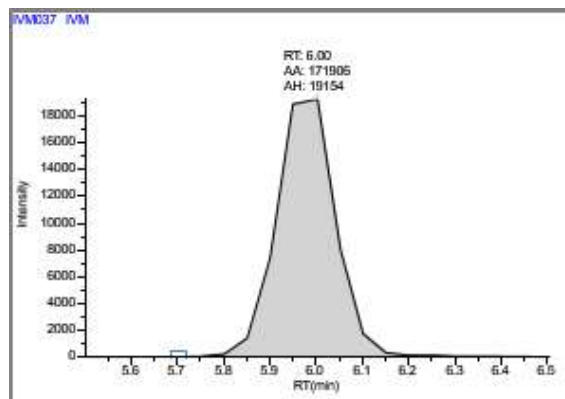
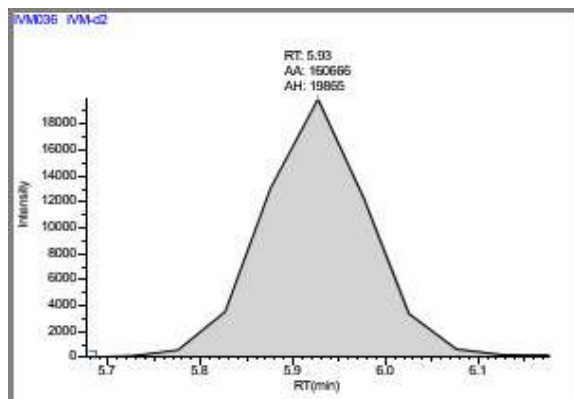
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM035	File Name:	IVM035	File Name:	IVM036
Sample Name:	250 ppb-X5 Dilution-P2	Sample Name:	250 ppb-X5 Dilution-P2	Sample Name:	250 ppb-X5 Dilution-P3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM036	File Name:	IVM037	File Name:	IVM037
Sample Name:	250 ppb-X5 Dilution-P3	Sample Name:	250 ppb-X5 Dilution-P4	Sample Name:	250 ppb-X5 Dilution-P4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

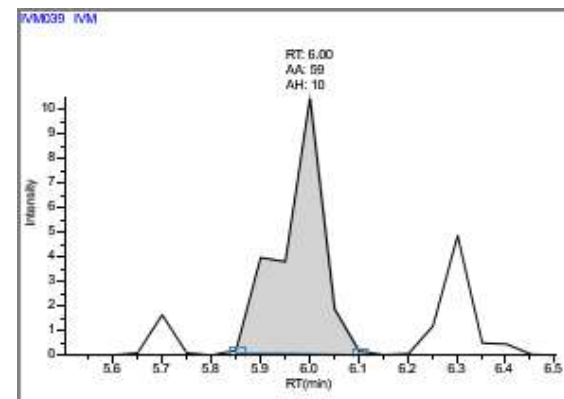
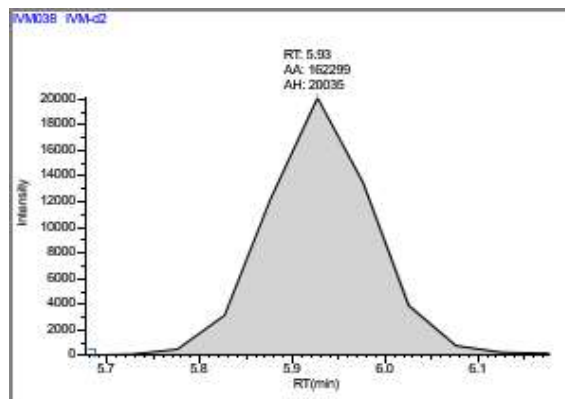
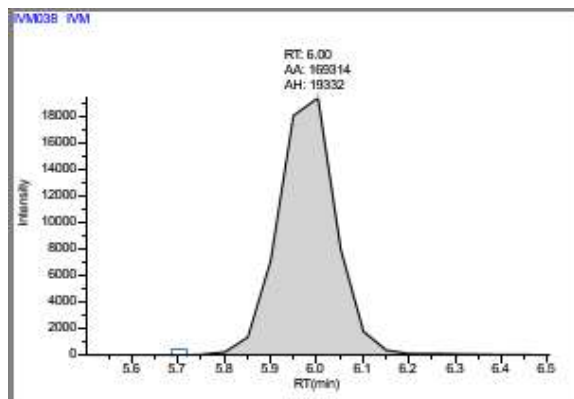
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/21/2026

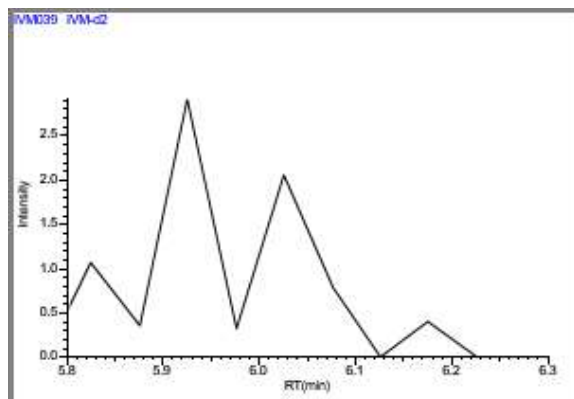
SOP #

Batch: IVM Serum Assay Val 012126

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM038	File Name:	IVM038	File Name:	IVM039
Sample Name:	250 ppb-X5 Dilution-P5	Sample Name:	250 ppb-X5 Dilution-P5	Sample Name:	BLK10
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM039
Sample Name:	BLK10
Manipulated?	FALSE

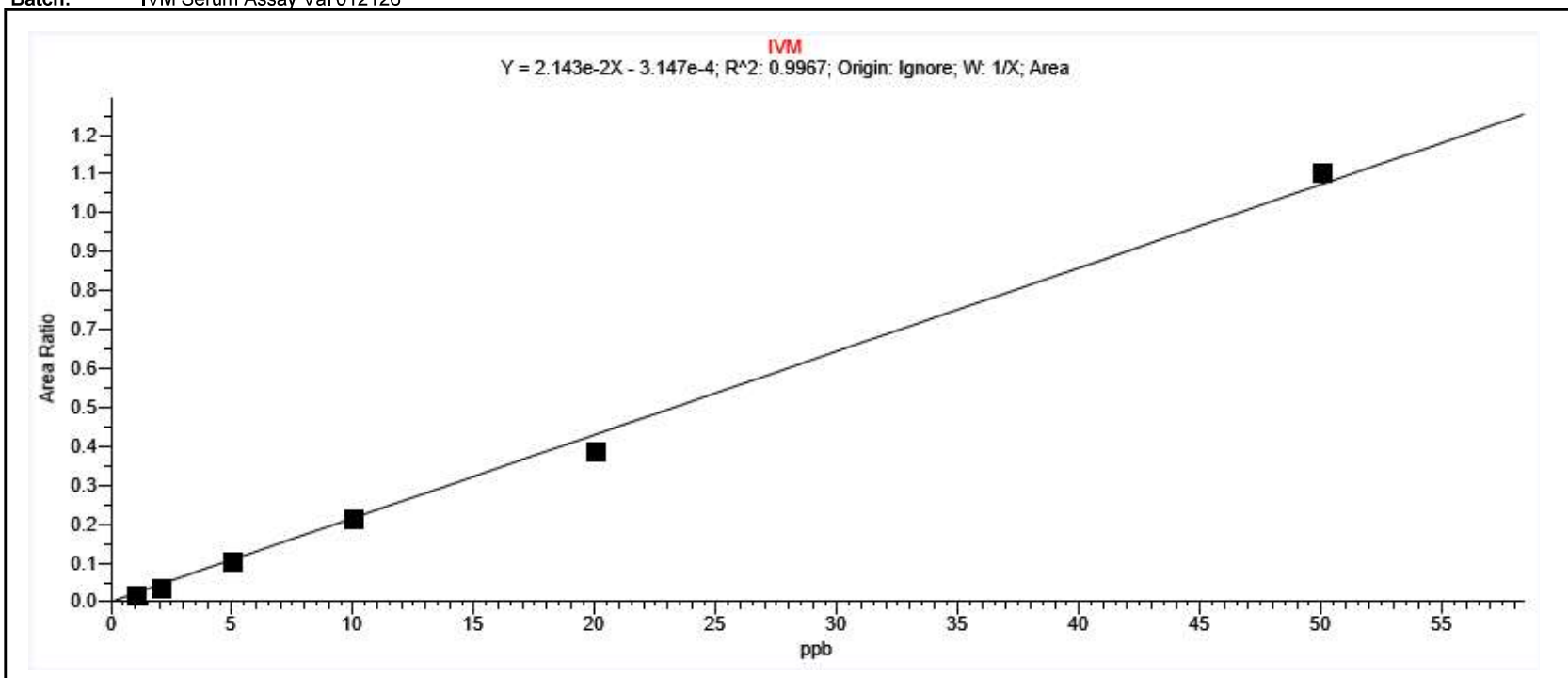


Quantis Plus (QP) Calibration curves

Lab Name: OTSC
Instrument: Quantis Plus
SOP #

Method: IVM v1
Date Acquired: 1/21/2026
Slope: 2.1430E-02

Batch: IVM Serum Assay Val 012126



Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	3455	1.000	1.079	7.92	True	False	
2	IVM007	5967	2.000	1.901	-4.95	True	False	
3	IVM008	17507	5.000	5.033	0.66	True	False	
4	IVM009	34493	10.000	10.221	2.21	True	False	
5	IVM010	62458	20.000	18.210	-8.95	True	False	
6	IVM011	177384	50.000	51.556	3.11	True	False	

Quantis Plus (QP) Calibration curves

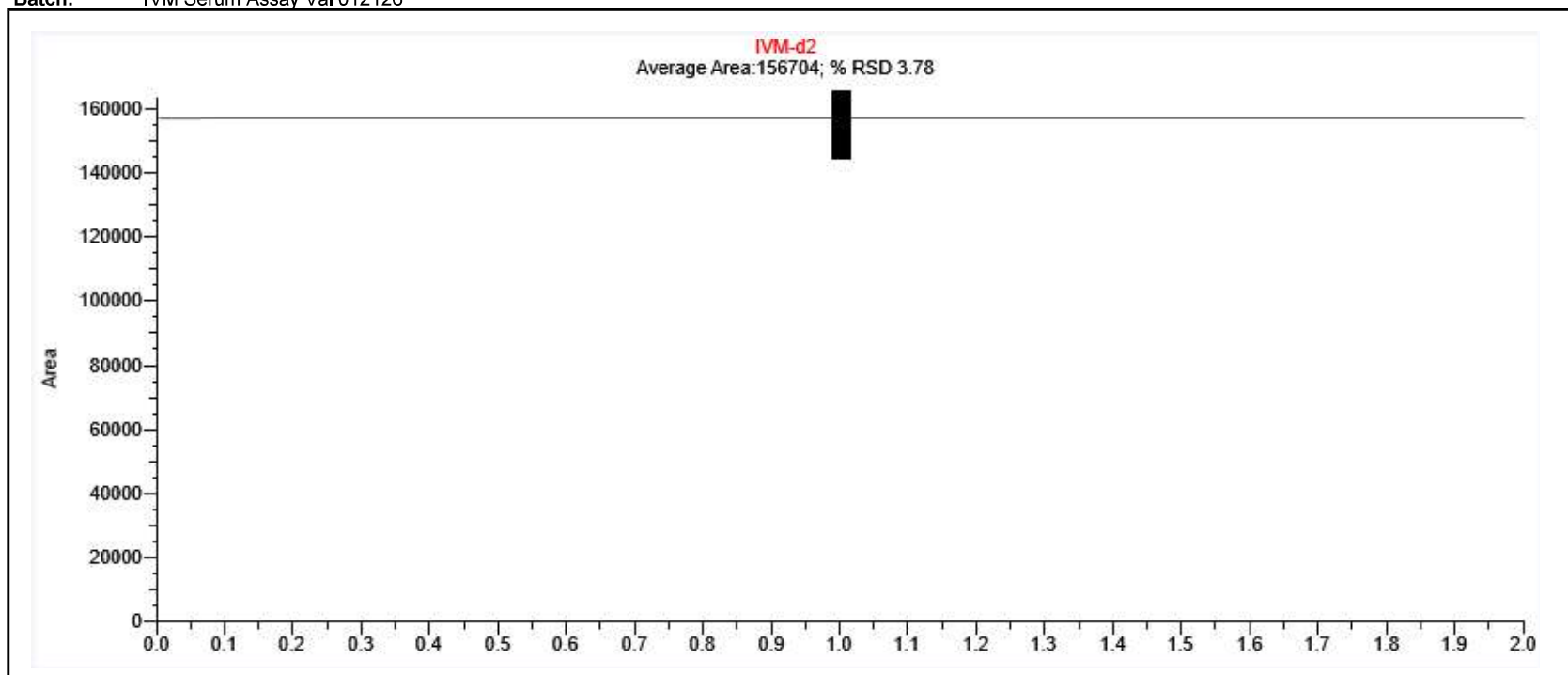
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Date Acquired: 1/21/2026

SOP #

Slope:

Batch: IVM Serum Assay Val 012126



Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	151421	1.000	0.000	0.00	True	False	
2	IVM007	147602	1.000	0.000	0.00	True	False	
3	IVM008	162768	1.000	0.000	0.00	True	False	
4	IVM009	157691	1.000	0.000	0.00	True	False	
5	IVM010	160166	1.000	0.000	0.00	True	False	
6	IVM011	160578	1.000	0.000	0.00	True	False	

Quantis Plus (QP) IVM Report

Lab Name:	OTSC	Method:	IVM v1
Instrument:	Quantis Plus	Acquire Date:	1/22/2026
SOP #:		Analyte:	Ivermectin
Batch:	IVM Serum Assay Val 012226		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM005	BLK2	6.00	88.18	38	N/A	127.554	N/A
IVM006	STD 1	5.95	3103.49	191081	1.00	1.132	13.190
IVM007	STD 2	6.00	6597.53	206637	2.00	1.996	-0.210
IVM008	STD 3	6.00	17545.30	211666	5.00	4.802	-3.950
IVM009	STD 4	6.00	32024.53	202791	10.00	8.934	-10.660
IVM010	STD 5	6.00	74870.23	210899	20.00	19.788	-1.060
IVM011	STD 6	6.00	191608.37	206460	50.00	51.348	2.700
IVM012	BLK3	N/F	0.00	N/F	N/A	N/F	N/A
IVM013	Matrix 1	N/F	0.00	N/F	N/A	N/F	N/A
IVM014	Matrix 2	N/F	0.00	N/F	N/A	N/F	N/A
IVM015	BLK4	N/F	0.00	N/F	N/A	N/F	N/A
IVM016	LS	6.00	10999.81	176328	3.00	3.673	22.430
IVM017	BLK5	5.90	31.86	N/F	N/A	N/A	N/A
IVM018	50 ppb-X5 Dilution-P1	6.00	36256.31	204257	N/A	10.013	N/A
IVM019	50 ppb-X5 Dilution-P2	6.00	36779.13	215537	N/A	9.635	N/A
IVM020	50 ppb-X5 Dilution-P3	6.00	38377.57	204349	N/A	10.580	N/A
IVM021	50 ppb-X5 Dilution-P4	6.00	37742.39	216095	N/A	9.856	N/A
IVM022	50 ppb-X5 Dilution-P5	6.00	38541.28	202155	N/A	10.737	N/A
IVM023	BLK6	N/F	0.00	N/F	N/A	N/F	N/A
IVM024	MS	6.00	73771.24	222389	20.00	18.506	-7.470
IVM025	BLK7	N/F	0.00	N/F	N/A	N/F	N/A
IVM026	150 ppb-X5 Dilution-P1	6.00	102431.82	180840	N/A	31.431	N/A
IVM027	150 ppb-X5 Dilution-P2	6.00	110852.07	213493	N/A	28.832	N/A
IVM028	150 ppb-X5 Dilution-P3	6.00	110463.19	198413	N/A	30.898	N/A
IVM029	150 ppb-X5 Dilution-P4	6.00	100942.15	180525	N/A	31.031	N/A
IVM030	150 ppb-X5 Dilution-P5	6.00	112284.73	201536	N/A	30.920	N/A
IVM031	BLK8	N/F	0.00	N/F	N/A	N/F	N/A
IVM032	HS	6.00	150750.78	200638	40.00	41.616	4.040
IVM033	BLK9	N/F	0.00	34	N/A	N/F	N/A
IVM034	250 ppb-X5 Dilution-P1	6.00	178916.90	212314	N/A	46.646	N/A
IVM035	250 ppb-X5 Dilution-P2	6.00	180149.64	202292	N/A	49.281	N/A
IVM036	250 ppb-X5 Dilution-P3	6.00	182119.81	200308	N/A	50.309	N/A
IVM037	250 ppb-X5 Dilution-P4	6.00	183038.48	220983	N/A	45.853	N/A
IVM038	250 ppb-X5 Dilution-P5	6.00	183792.95	203923	N/A	49.873	N/A
IVM039	BLK10	N/F	0.00	N/F	N/A	N/F	N/A

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	Method:	IVM v1
Instrument:	Quantis Plus	Acquire Date:	1/22/2026
SOP #		Analyte:	IVM IS
Batch:	IVM Serum Assay Val 012226	Calc IS Response (Avg.):	204614.89

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM005	Solvent	BLK2	5.58	38.14	204922.44	-99.98%
IVM006	Cal Std	STD 1	5.93	191081.11	204922.44	-6.61%
IVM007	Cal Std	STD 2	5.93	206637.42	204922.44	0.99%
IVM008	Cal Std	STD 3	5.93	211666.19	204922.44	3.45%
IVM009	Cal Std	STD 4	5.93	202791.13	204922.44	-0.89%
IVM010	Cal Std	STD 5	5.93	210898.58	204922.44	3.07%
IVM011	Cal Std	STD 6	5.93	206460.22	204922.44	0.90%
IVM012	Solvent	BLK3	N/F	0.00	0.00	NA
IVM013	Matrix Blank	Matrix 1	N/F	0.00	0.00	NA
IVM014	Matrix Blank	Matrix 2	N/F	0.00	0.00	NA
IVM015	Solvent	BLK4	N/F	0.00	0.00	NA
IVM016	QC	LS	5.93	176327.75	204922.44	-13.82%
IVM017	Solvent	BLK5	N/F	0.00	0.00	NA
IVM018	Unknown	50 ppb-X5 Dilution-P1	5.93	204256.53	204922.44	-0.18%
IVM019	Unknown	50 ppb-X5 Dilution-P2	5.93	215536.81	204922.44	5.34%
IVM020	Unknown	50 ppb-X5 Dilution-P3	5.93	204348.58	204922.44	-0.13%
IVM021	Unknown	50 ppb-X5 Dilution-P4	5.93	216095.49	204922.44	5.61%
IVM022	Unknown	50 ppb-X5 Dilution-P5	5.93	202154.90	204922.44	-1.20%
IVM023	Solvent	BLK6	N/F	0.00	0.00	NA
IVM024	QC	MS	5.93	222388.77	204922.44	8.69%
IVM025	Solvent	BLK7	N/F	0.00	0.00	NA
IVM026	Unknown	150 ppb-X5 Dilution-P1	5.93	180840.48	204922.44	-11.62%
IVM027	Unknown	150 ppb-X5 Dilution-P2	5.93	213492.74	204922.44	4.34%
IVM028	Unknown	150 ppb-X5 Dilution-P3	5.93	198413.00	204922.44	-3.03%
IVM029	Unknown	150 ppb-X5 Dilution-P4	5.93	180524.57	204922.44	-11.77%
IVM030	Unknown	150 ppb-X5 Dilution-P5	5.93	201536.11	204922.44	-1.50%
IVM031	Solvent	BLK8	N/F	0.00	0.00	NA
IVM032	QC	HS	5.93	200637.67	204922.44	-1.94%
IVM033	Solvent	BLK9	4.88	34.05	204922.44	-99.98%
IVM034	Unknown	250 ppb-X5 Dilution-P1	5.93	212314.09	204922.44	3.76%
IVM035	Unknown	250 ppb-X5 Dilution-P2	5.93	202291.92	204922.44	-1.14%
IVM036	Unknown	250 ppb-X5 Dilution-P3	5.93	200308.23	204922.44	-2.10%
IVM037	Unknown	250 ppb-X5 Dilution-P4	5.93	220983.03	204922.44	8.00%
IVM038	Unknown	250 ppb-X5 Dilution-P5	5.93	203923.30	204922.44	-0.34%
IVM039	Solvent	BLK10	N/F	0.00	0.00	NA

*(1)-Average IS Response may include blank due to software bug. Used averageifs formula to calculate IS Response (Avg) and updated % deviation calculation 10/27/22. -DMP

NOTE: Data chromatography is filtered to remove LFFM samples from report. -DMP 9/20/2023

Quantis Plus (QP) Chromatograms

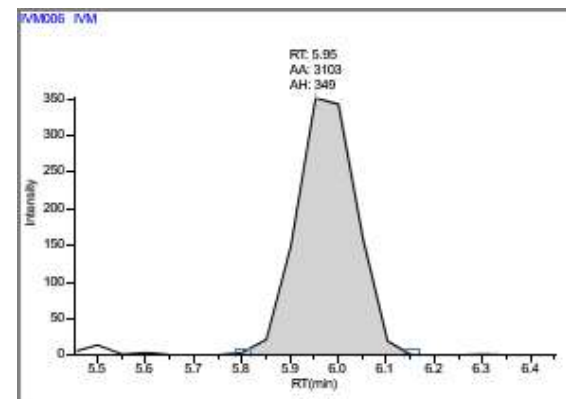
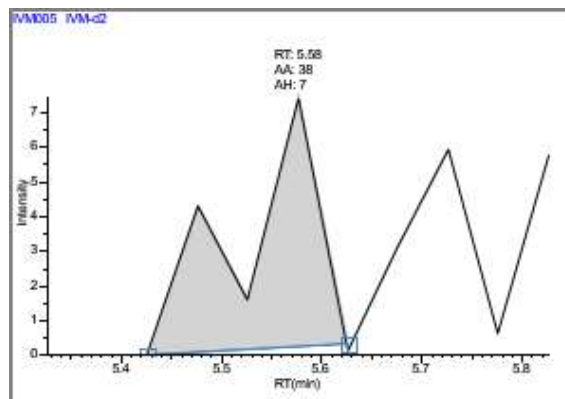
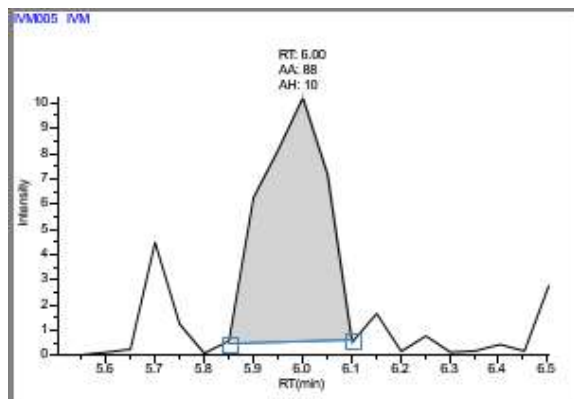
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

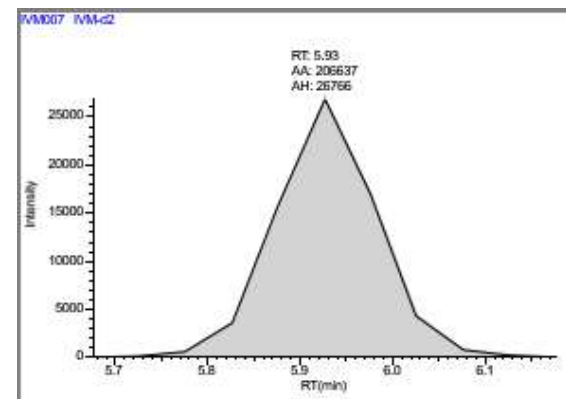
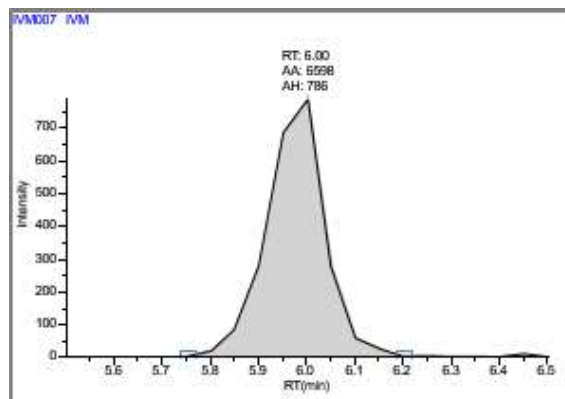
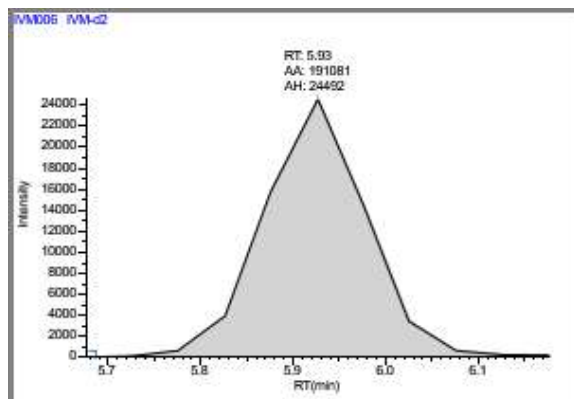
SOP #

Batch: IVM Serum Assay Val 012226

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM005	File Name:	IVM005	File Name:	IVM006
Sample Name:	BLK2	Sample Name:	BLK2	Sample Name:	STD 1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM006	File Name:	IVM007	File Name:	IVM007
Sample Name:	STD 1	Sample Name:	STD 2	Sample Name:	STD 2
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

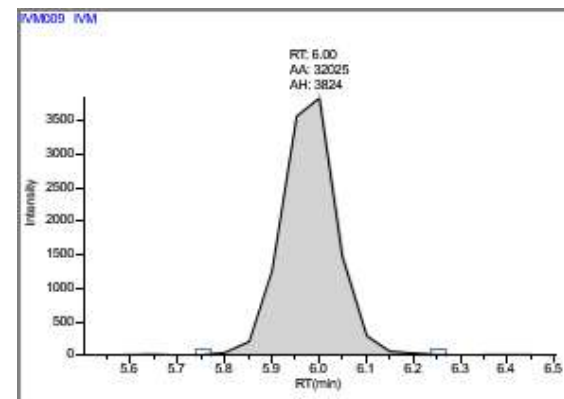
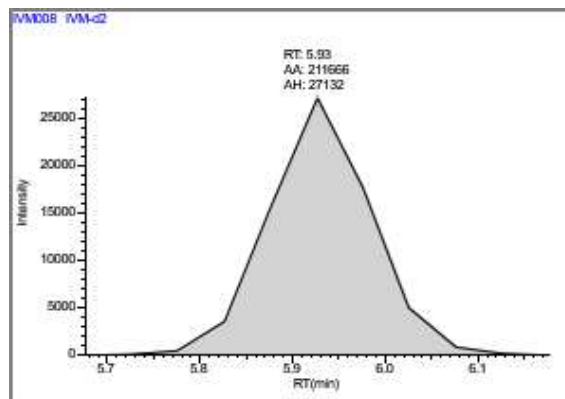
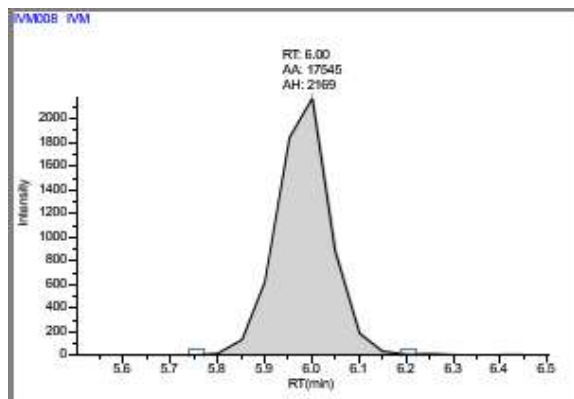
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

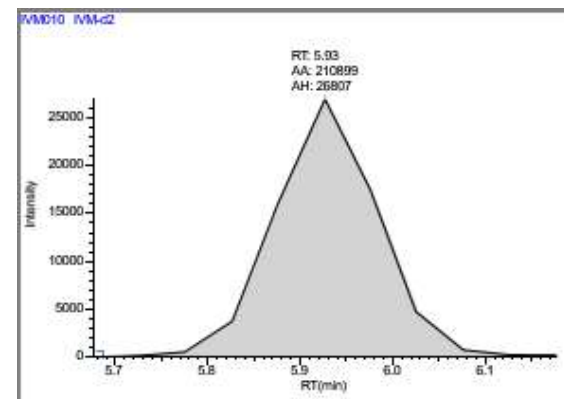
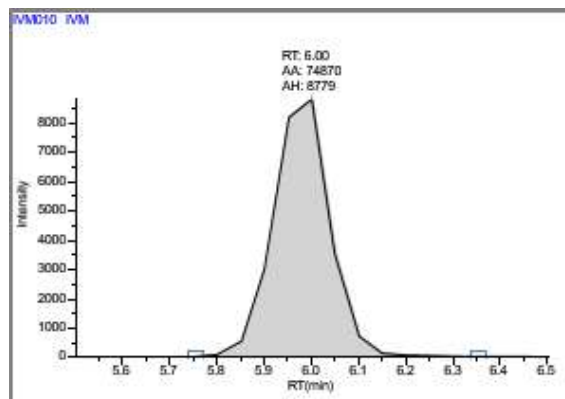
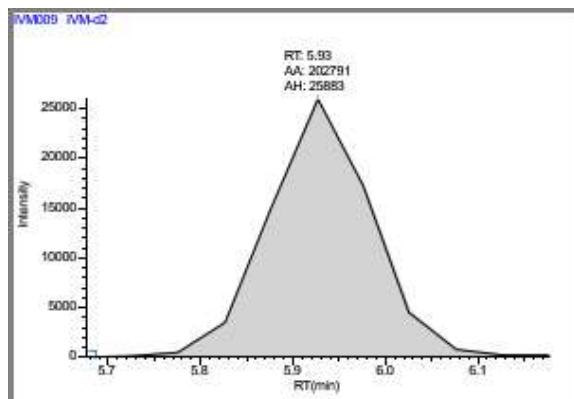
SOP #

Batch: IVM Serum Assay Val 012226

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM008	File Name:	IVM008	File Name:	IVM009
Sample Name:	STD 3	Sample Name:	STD 3	Sample Name:	STD 4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM009	File Name:	IVM010	File Name:	IVM010
Sample Name:	STD 4	Sample Name:	STD 5	Sample Name:	STD 5
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

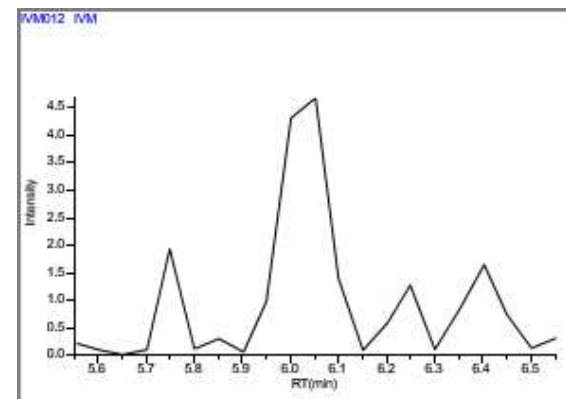
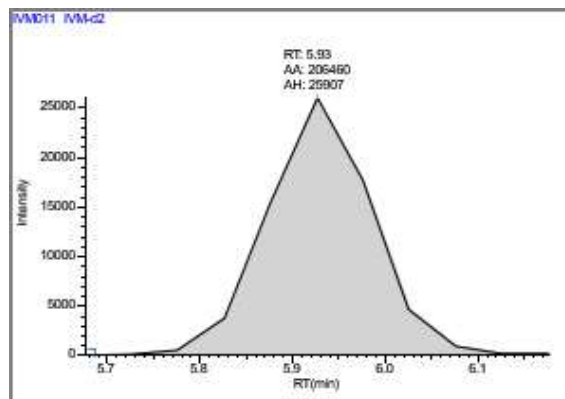
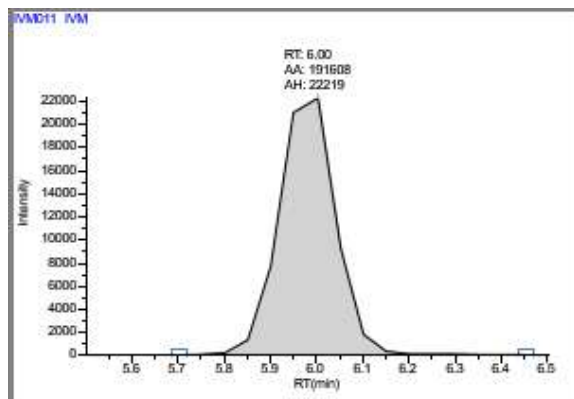
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

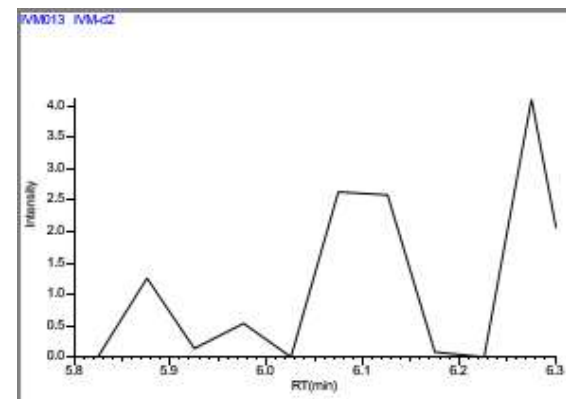
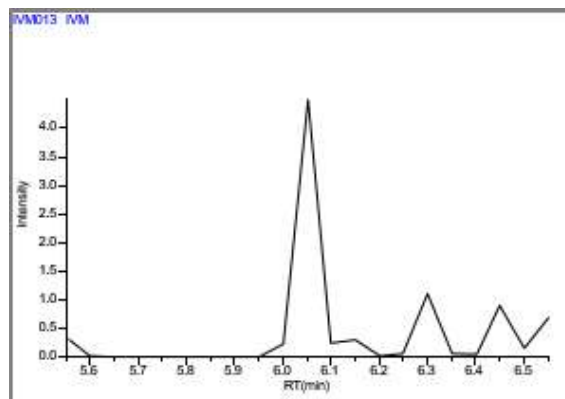
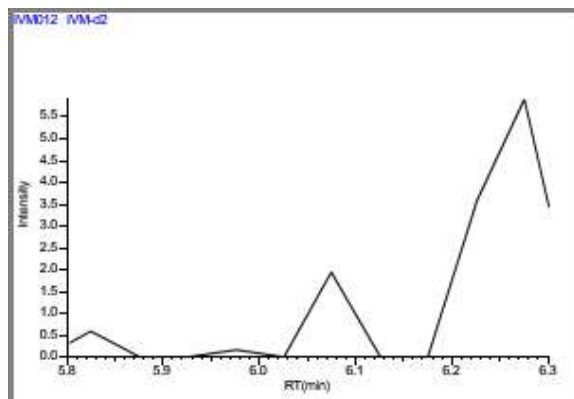
SOP #

Batch: IVM Serum Assay Val 012226

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM011	File Name:	IVM011	File Name:	IVM012
Sample Name:	STD 6	Sample Name:	STD 6	Sample Name:	BLK3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM012	File Name:	IVM013	File Name:	IVM013
Sample Name:	BLK3	Sample Name:	Matrix 1	Sample Name:	Matrix 1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

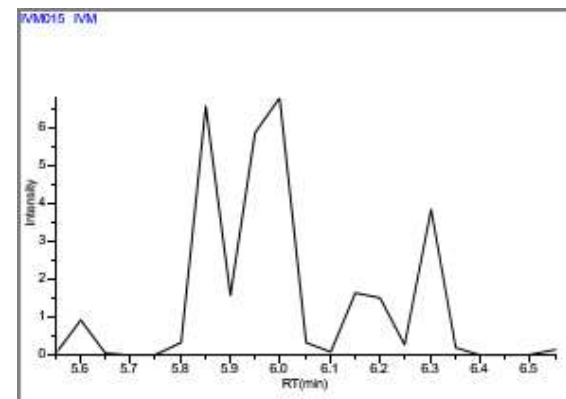
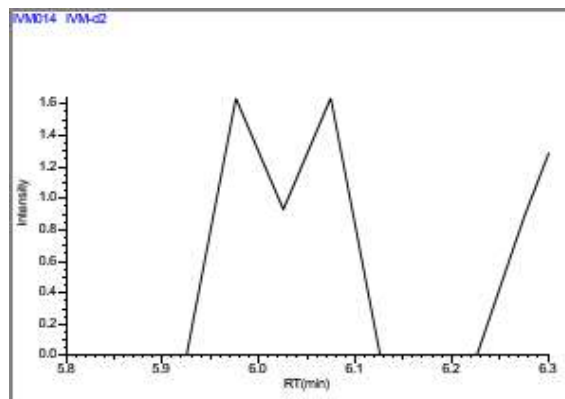
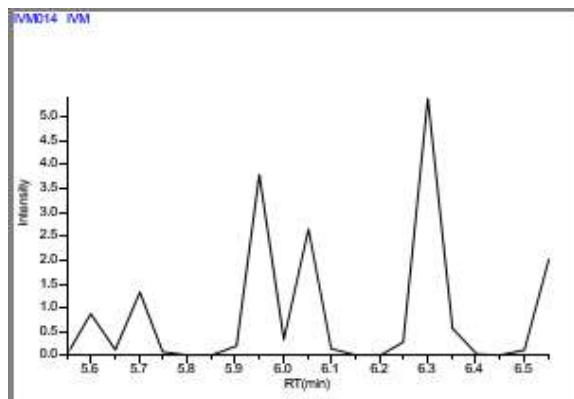
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

SOP #

Batch: IVM Serum Assay Val 012226

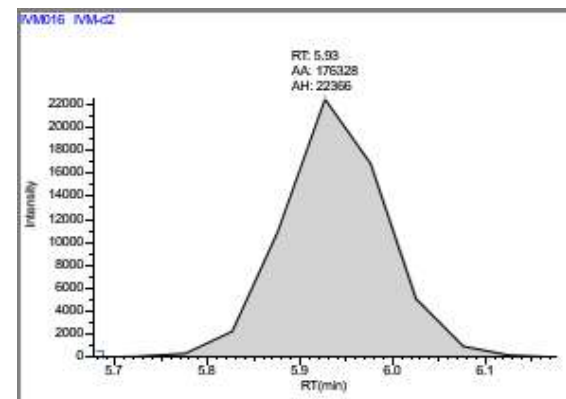
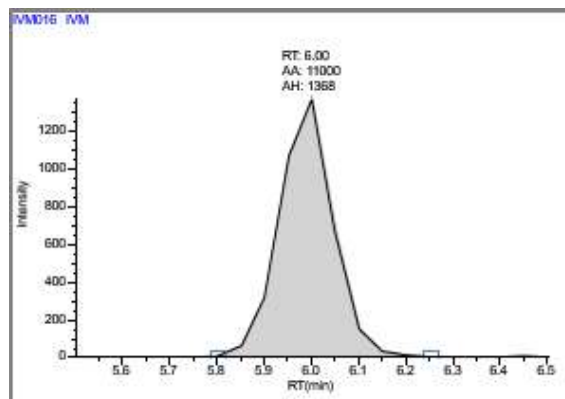
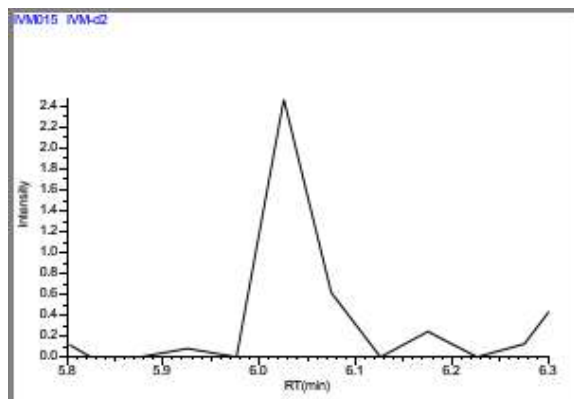
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM014	File Name:	IVM014	File Name:	IVM015
Sample Name:	Matrix 2	Sample Name:	Matrix 2	Sample Name:	BLK4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM015
Sample Name:	BLK4
Manipulated?	FALSE

Compound Name:	IVM
File Name:	IVM016
Sample Name:	LS
Manipulated?	FALSE

Compound Name:	IVM-d2
File Name:	IVM016
Sample Name:	LS
Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

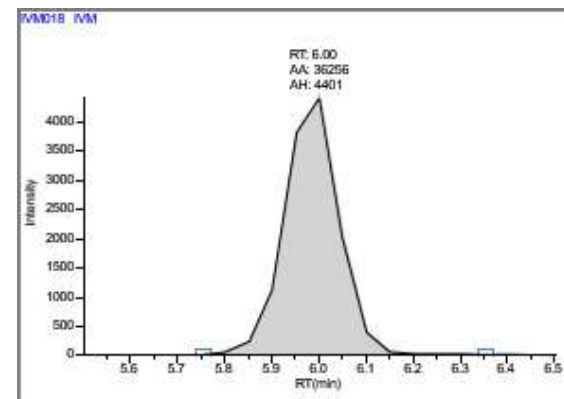
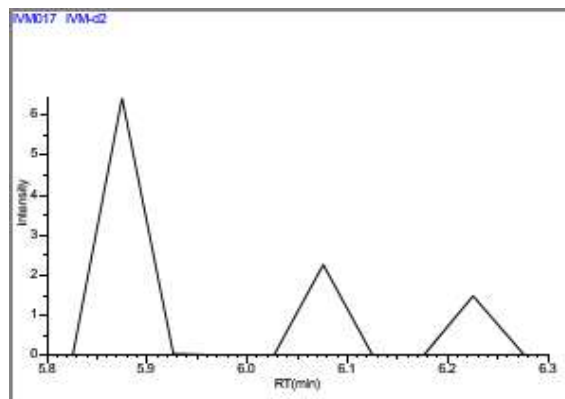
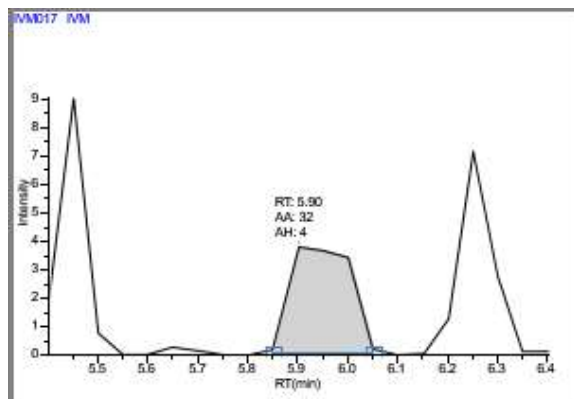
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

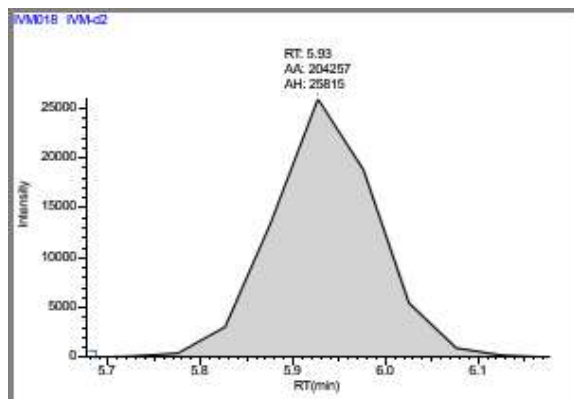
SOP #

Batch: IVM Serum Assay Val 012226

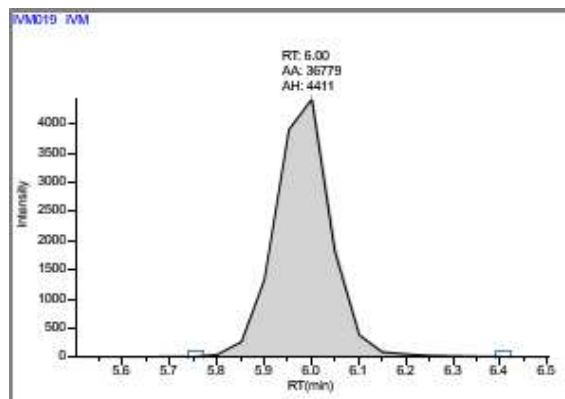
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM017	File Name:	IVM017	File Name:	IVM018
Sample Name:	BLK5	Sample Name:	BLK5	Sample Name:	50 ppb-X5 Dilution-P1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



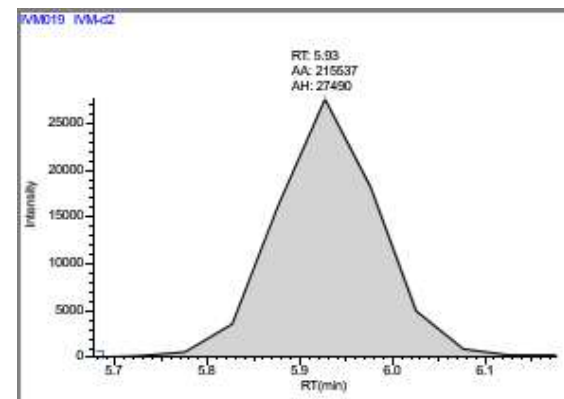
Compound Name:	IVM-d2
File Name:	IVM018
Sample Name:	50 ppb-X5 Dilution-P1
Manipulated?	FALSE



Compound Name:	IVM
File Name:	IVM019
Sample Name:	50 ppb-X5 Dilution-P2
Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM019
Sample Name:	50 ppb-X5 Dilution-P2
Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

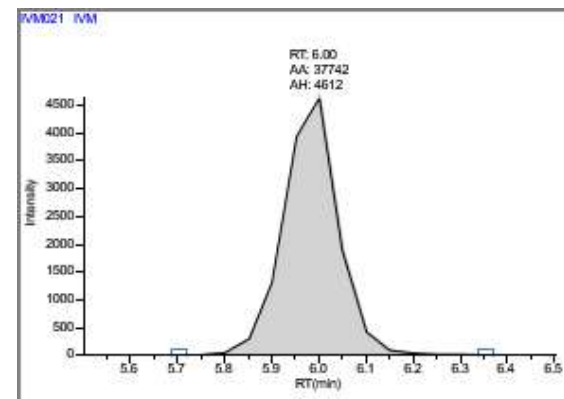
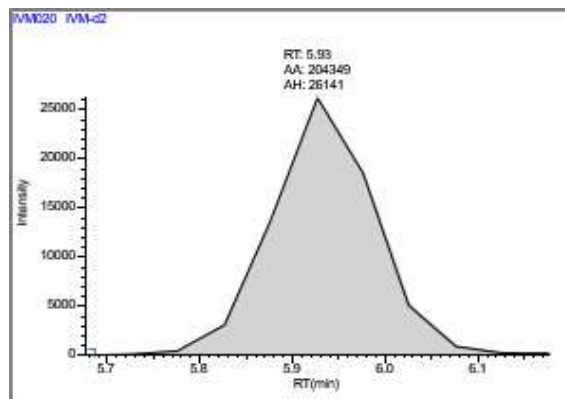
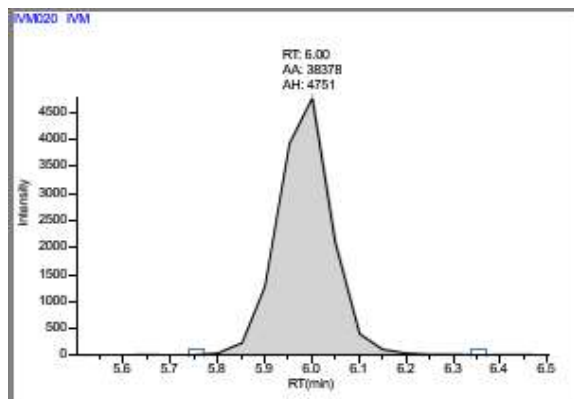
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

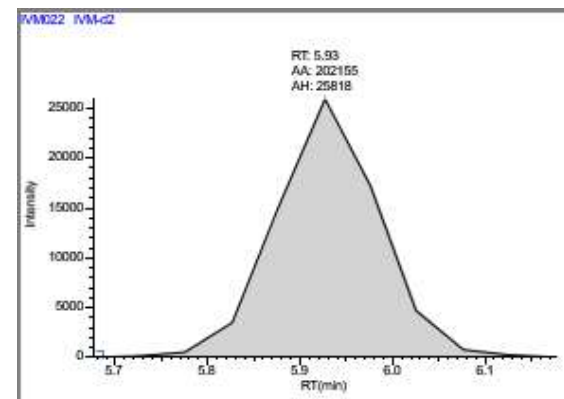
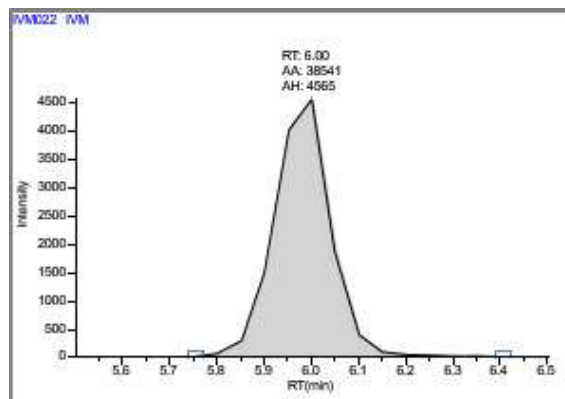
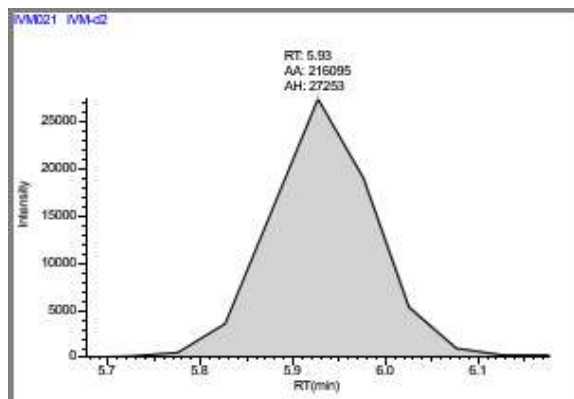
SOP #

Batch: IVM Serum Assay Val 012226

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM020	File Name:	IVM020	File Name:	IVM021
Sample Name:	50 ppb-X5 Dilution-P3	Sample Name:	50 ppb-X5 Dilution-P3	Sample Name:	50 ppb-X5 Dilution-P4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM021	File Name:	IVM022	File Name:	IVM022
Sample Name:	50 ppb-X5 Dilution-P4	Sample Name:	50 ppb-X5 Dilution-P5	Sample Name:	50 ppb-X5 Dilution-P5
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

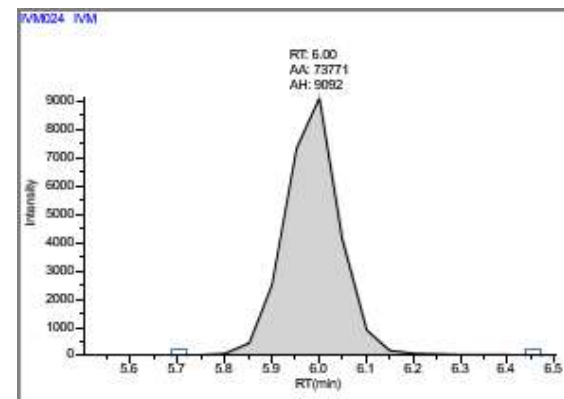
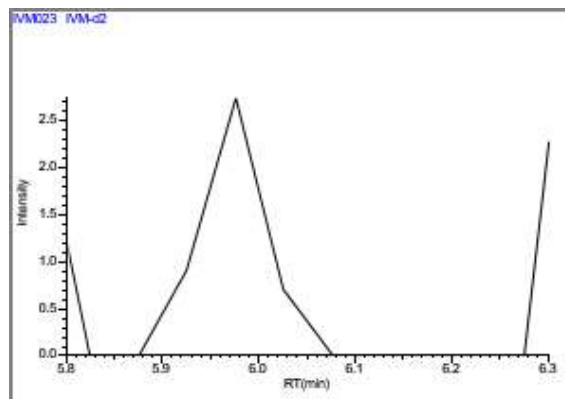
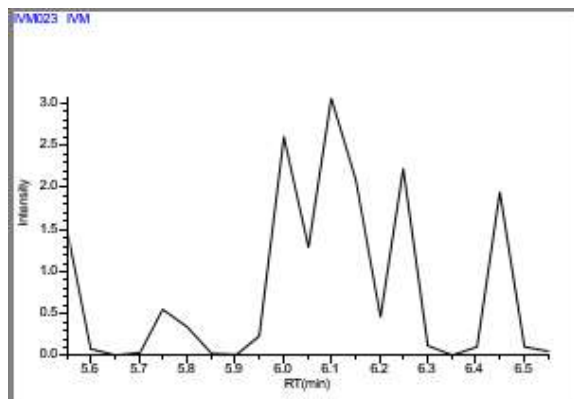
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

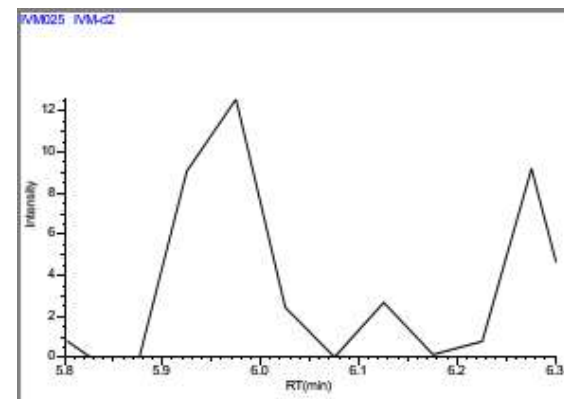
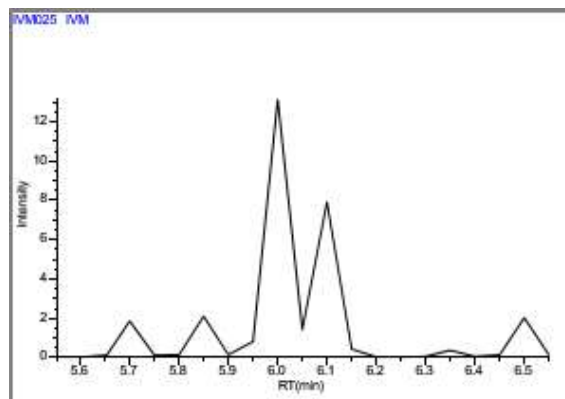
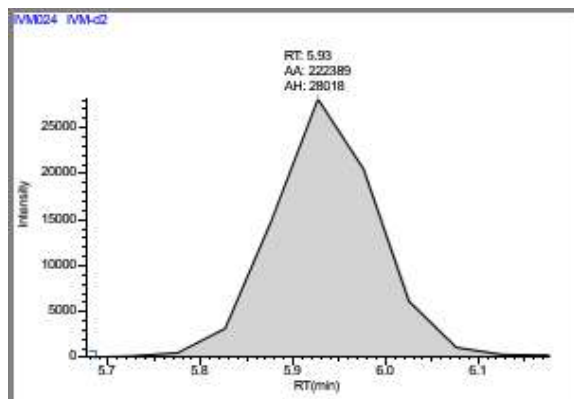
SOP #

Batch: IVM Serum Assay Val 012226

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM023	File Name:	IVM023	File Name:	IVM024
Sample Name:	BLK6	Sample Name:	BLK6	Sample Name:	MS
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM024	File Name:	IVM025	File Name:	IVM025
Sample Name:	MS	Sample Name:	BLK7	Sample Name:	BLK7
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

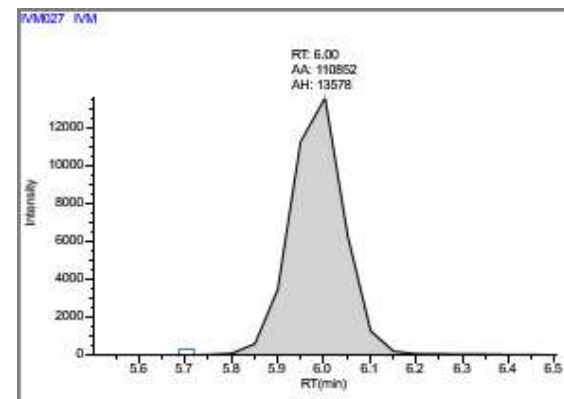
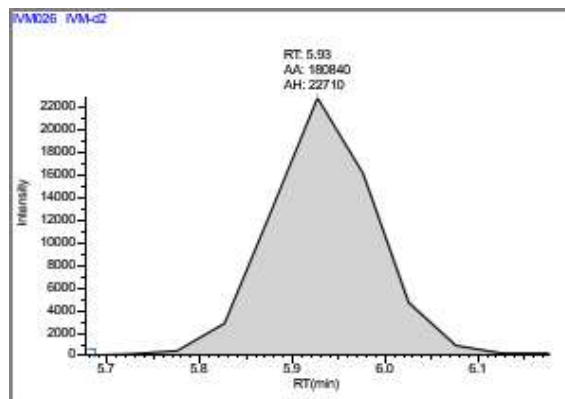
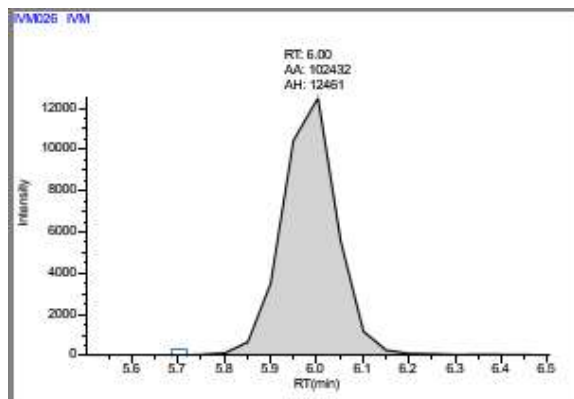
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

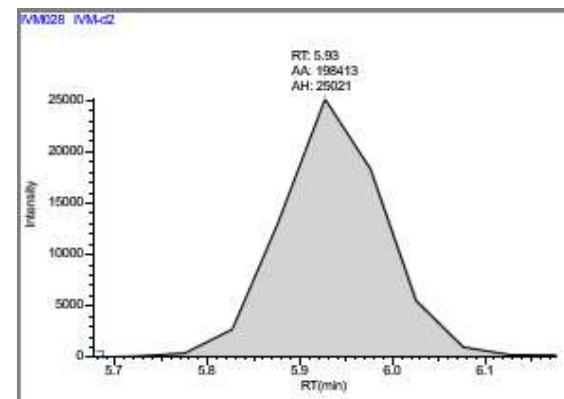
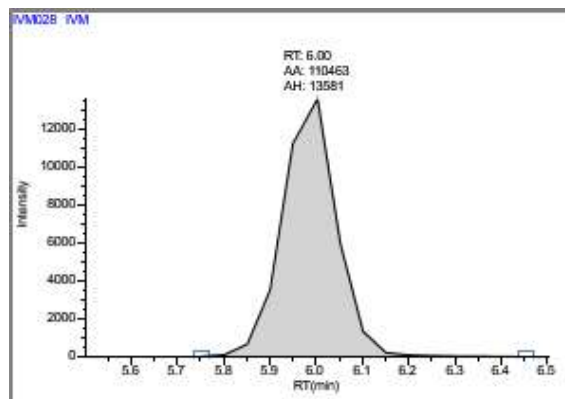
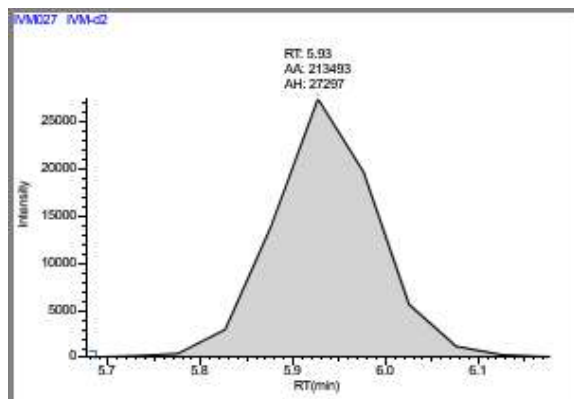
SOP #

Batch: IVM Serum Assay Val 012226

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM026	File Name:	IVM026	File Name:	IVM027
Sample Name:	150 ppb-X5 Dilution-P1	Sample Name:	150 ppb-X5 Dilution-P1	Sample Name:	150 ppb-X5 Dilution-P2
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM027	File Name:	IVM028	File Name:	IVM028
Sample Name:	150 ppb-X5 Dilution-P2	Sample Name:	150 ppb-X5 Dilution-P3	Sample Name:	150 ppb-X5 Dilution-P3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

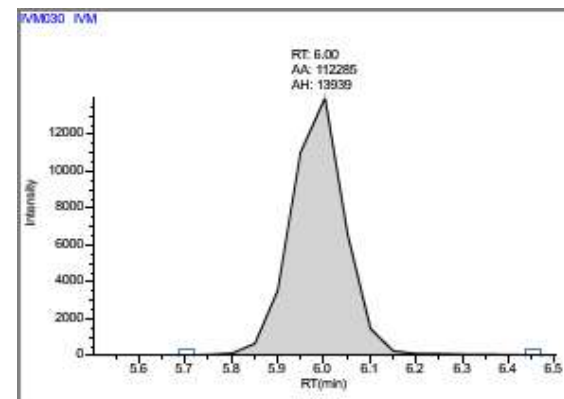
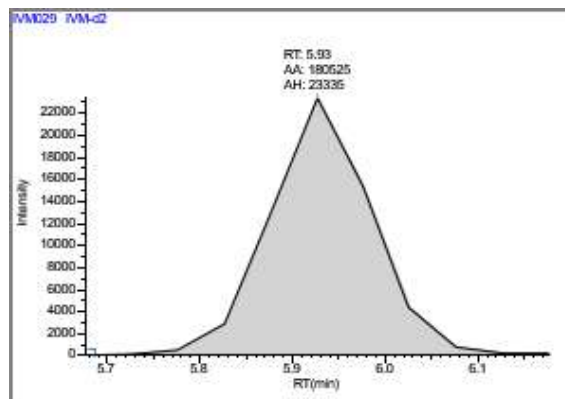
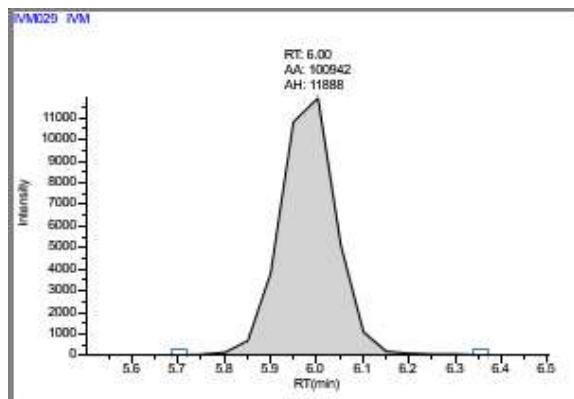
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

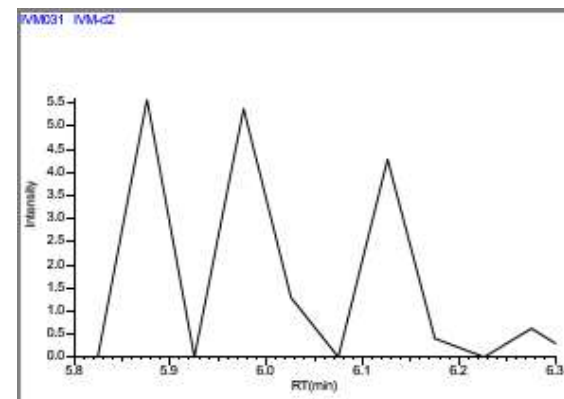
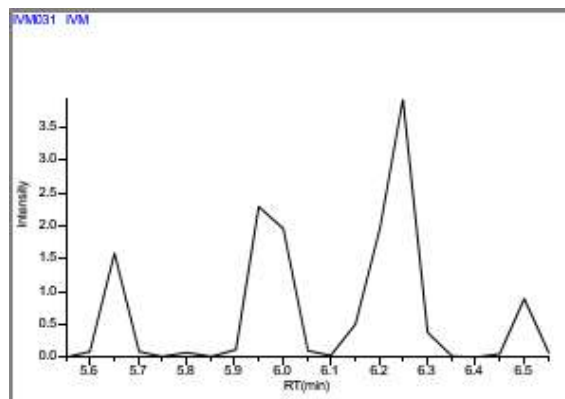
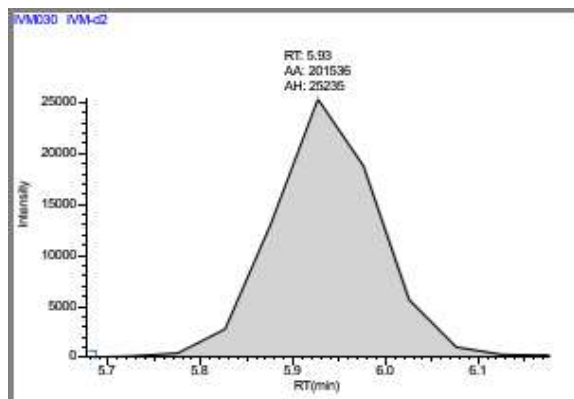
SOP #

Batch: IVM Serum Assay Val 012226

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM029	File Name:	IVM029	File Name:	IVM030
Sample Name:	150 ppb-X5 Dilution-P4	Sample Name:	150 ppb-X5 Dilution-P4	Sample Name:	150 ppb-X5 Dilution-P5
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM030	File Name:	IVM031	File Name:	IVM031
Sample Name:	150 ppb-X5 Dilution-P5	Sample Name:	BLK8	Sample Name:	BLK8
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

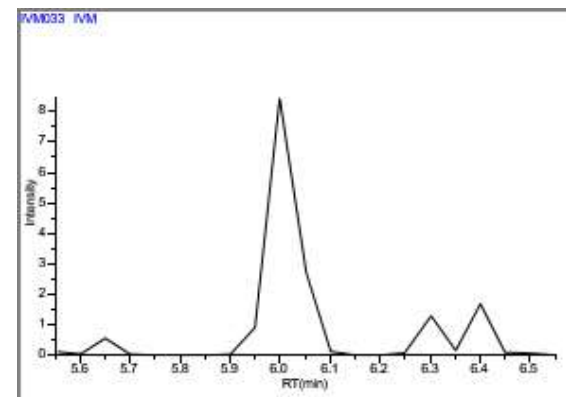
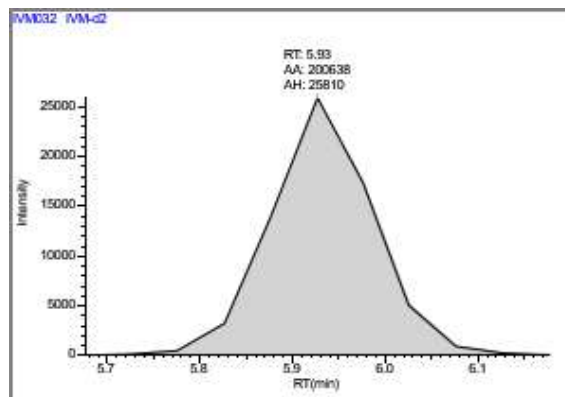
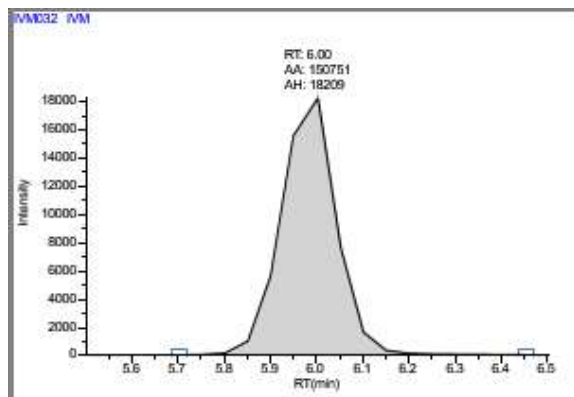
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

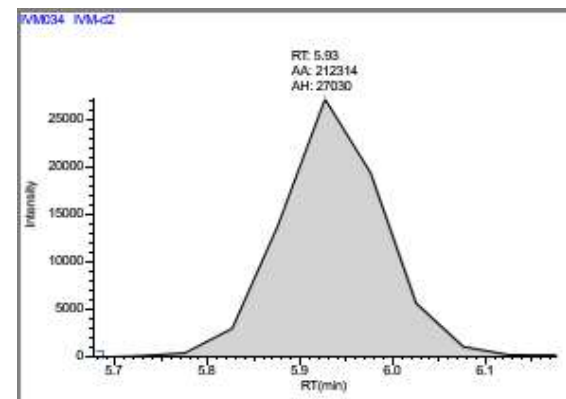
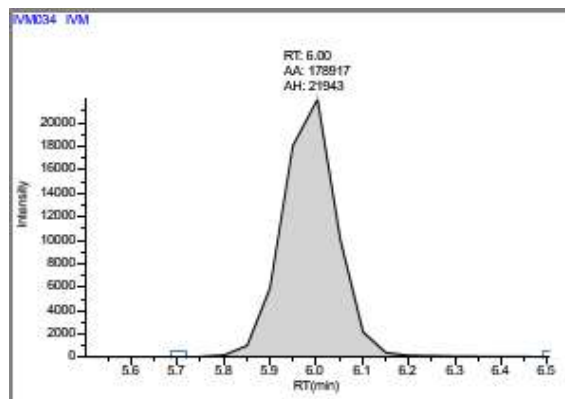
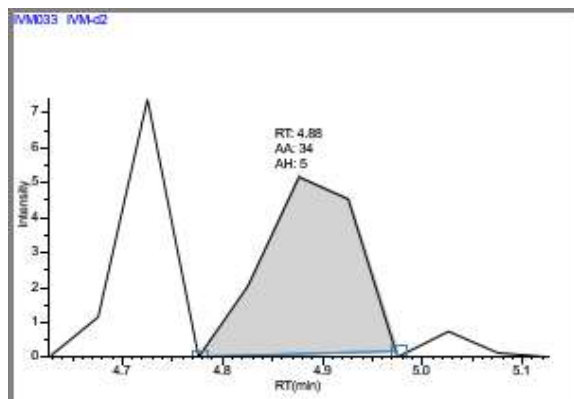
SOP #

Batch: IVM Serum Assay Val 012226

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM032	File Name:	IVM032	File Name:	IVM033
Sample Name:	HS	Sample Name:	HS	Sample Name:	BLK9
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM033	File Name:	IVM034	File Name:	IVM034
Sample Name:	BLK9	Sample Name:	250 ppb-X5 Dilution-P1	Sample Name:	250 ppb-X5 Dilution-P1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

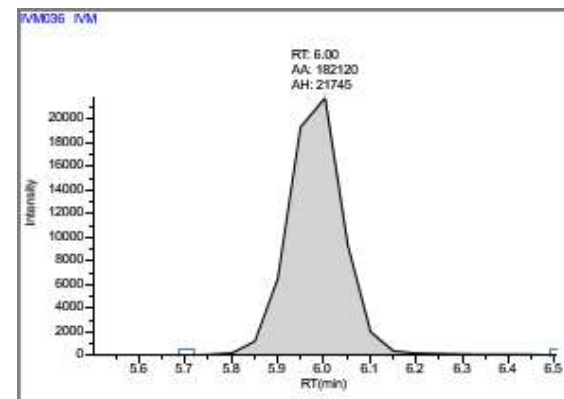
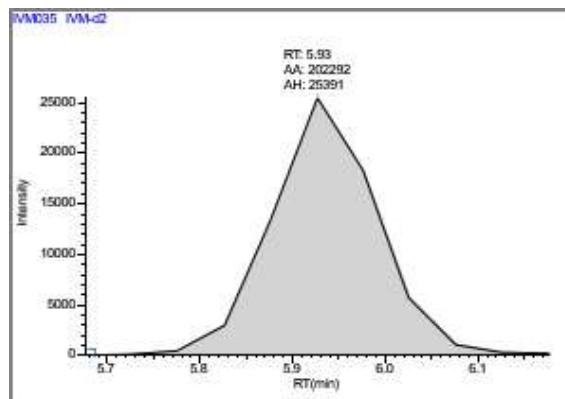
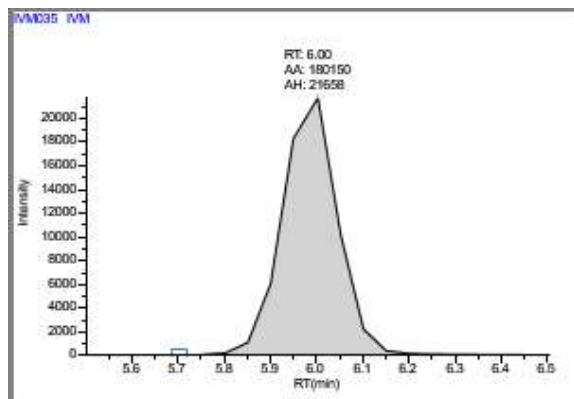
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

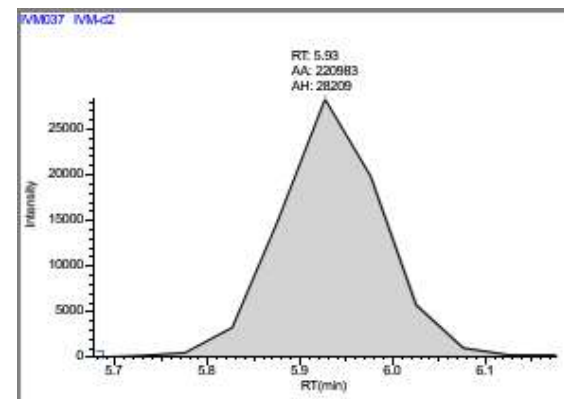
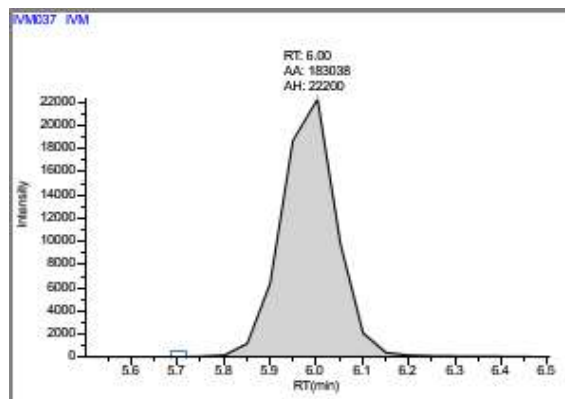
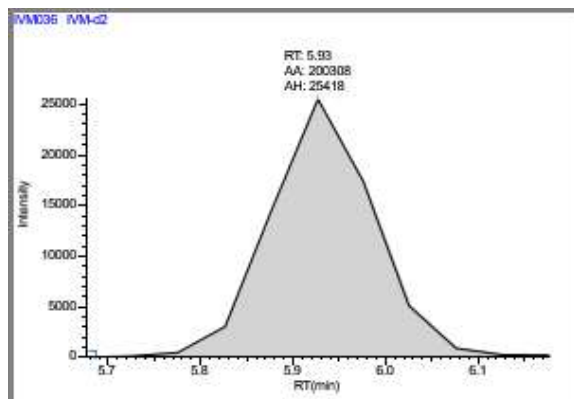
SOP #

Batch: IVM Serum Assay Val 012226

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM035	File Name:	IVM035	File Name:	IVM036
Sample Name:	250 ppb-X5 Dilution-P2	Sample Name:	250 ppb-X5 Dilution-P2	Sample Name:	250 ppb-X5 Dilution-P3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM036	File Name:	IVM037	File Name:	IVM037
Sample Name:	250 ppb-X5 Dilution-P3	Sample Name:	250 ppb-X5 Dilution-P4	Sample Name:	250 ppb-X5 Dilution-P4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

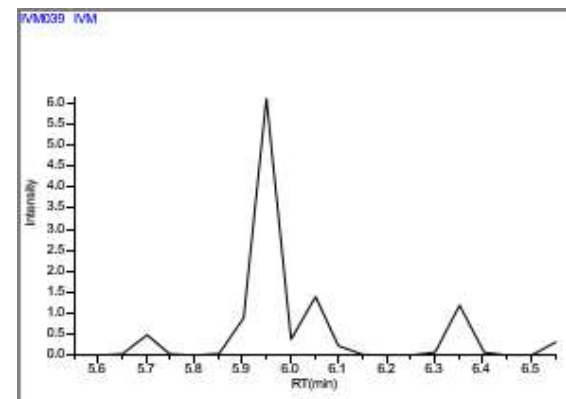
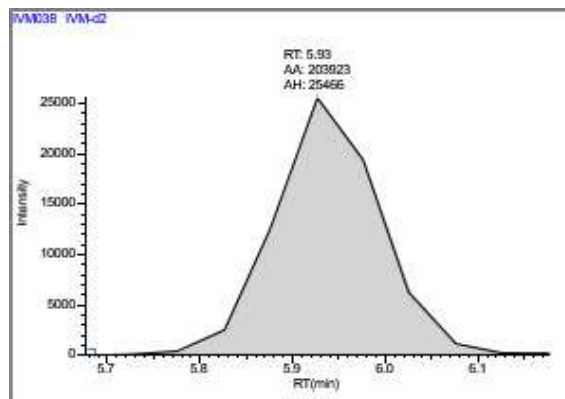
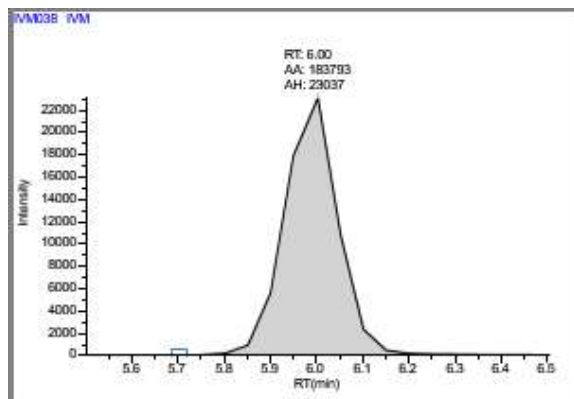
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/22/2026

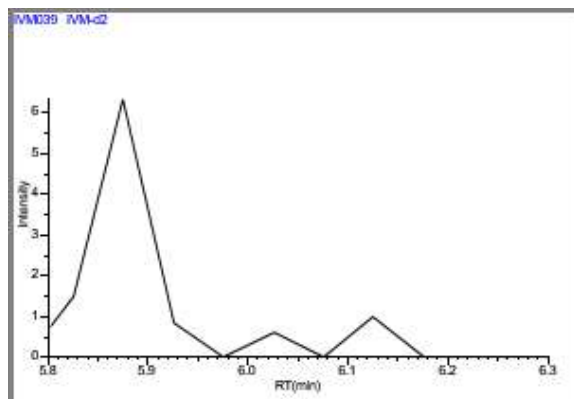
SOP #

Batch: IVM Serum Assay Val 012226

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM038	File Name:	IVM038	File Name:	IVM039
Sample Name:	250 ppb-X5 Dilution-P5	Sample Name:	250 ppb-X5 Dilution-P5	Sample Name:	BLK10
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM039
Sample Name:	BLK10
Manipulated?	FALSE

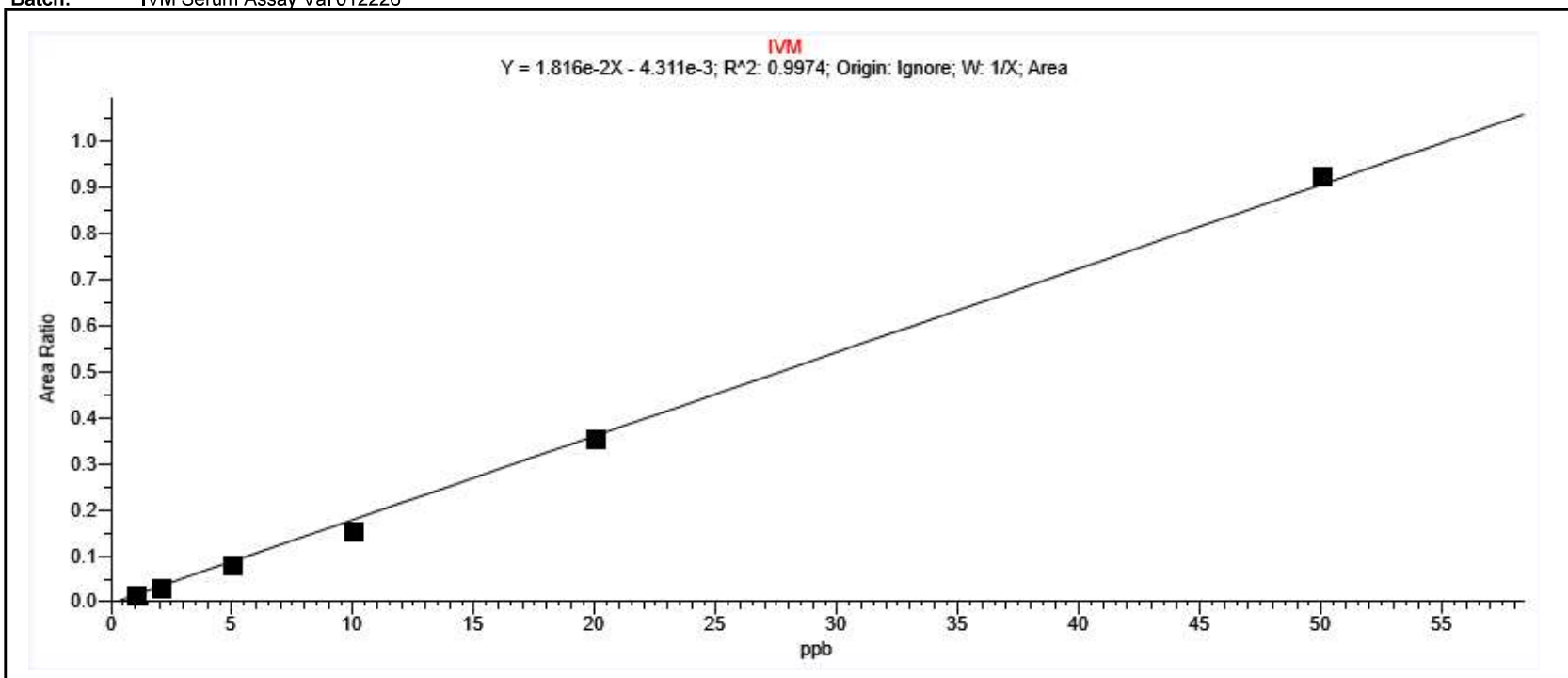


Quantis Plus (QP) Calibration curves

Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Date Acquired: 1/22/2026
Slope: 1.8160E-02

SOP #
Batch: IVM Serum Assay Val 012226



Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	3103	1.000	1.132	13.19	True	False	
2	IVM007	6598	2.000	1.996	-0.21	True	False	
3	IVM008	17545	5.000	4.802	-3.95	True	False	
4	IVM009	32025	10.000	8.934	-10.66	True	False	
5	IVM010	74870	20.000	19.788	-1.06	True	False	
6	IVM011	191608	50.000	51.348	2.70	True	False	

Quantis Plus (QP) Calibration curves

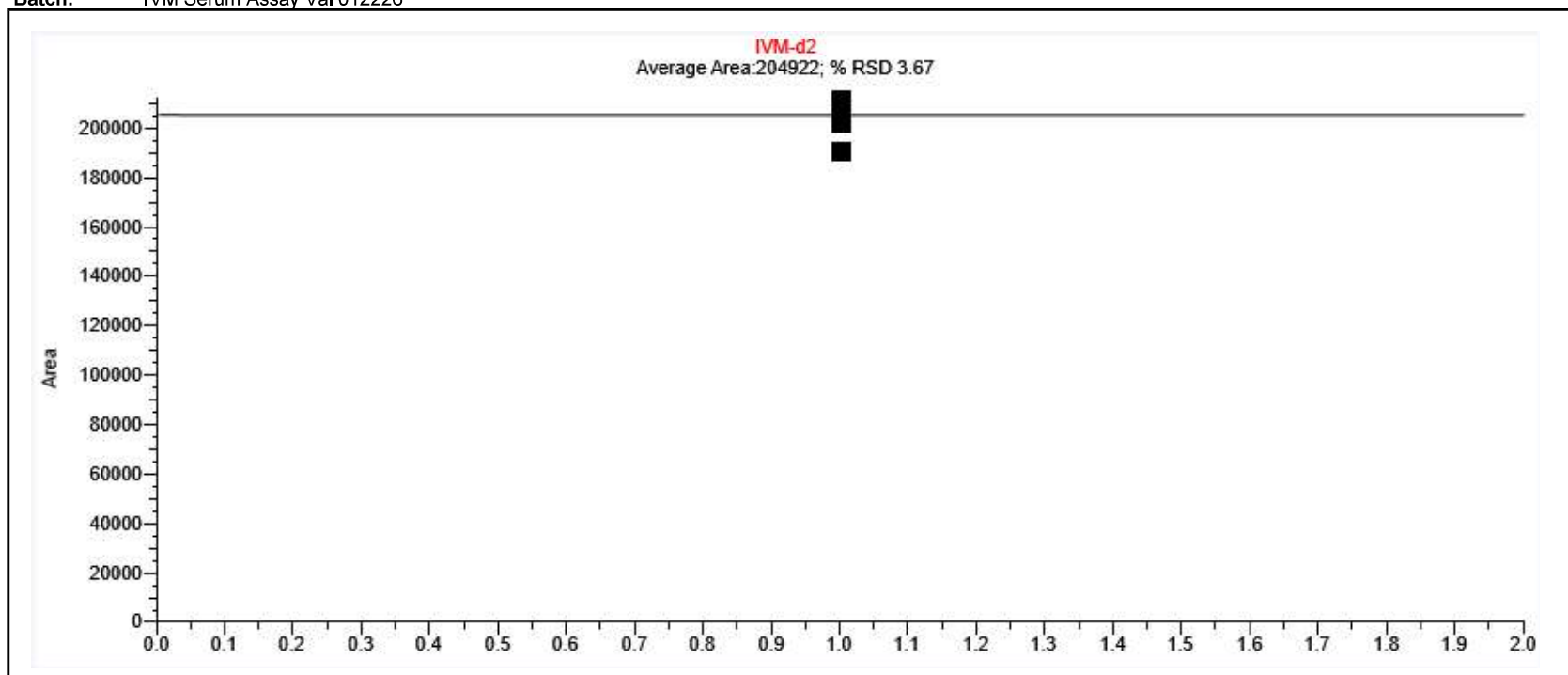
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Date Acquired: 1/22/2026

SOP #

Slope:

Batch: IVM Serum Assay Val 012226



Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	191081	1.000	0.000	0.00	True	False	
2	IVM007	206637	1.000	0.000	0.00	True	False	
3	IVM008	211666	1.000	0.000	0.00	True	False	
4	IVM009	202791	1.000	0.000	0.00	True	False	
5	IVM010	210899	1.000	0.000	0.00	True	False	
6	IVM011	206460	1.000	0.000	0.00	True	False	

Quantis Plus (QP) IVM Report

Lab Name:	OTSC	Method:	IVM v1
Instrument:	Quantis Plus	Acquire Date:	1/23/2026
SOP #:		Analyte:	Ivermectin
Batch:	IVM Serum Assay Val 012326		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM005	BLK2	N/F	0.00	N/F	N/A	N/F	N/A
IVM006	STD 1	6.00	2887.30	121218	1.00	0.890	-10.960
IVM007	STD 2	6.00	9647.06	197074	2.00	2.257	12.840
IVM008	STD 3	6.00	18040.92	183050	5.00	4.954	-0.920
IVM009	STD 4	6.00	35316.18	187783	10.00	9.821	-1.790
IVM010	STD 5	6.00	45036.03	118695	20.00	20.225	1.120
IVM011	STD 6	6.00	180968.55	195777	50.00	49.853	-0.290
IVM012	BLK3	N/F	0.00	N/F	N/A	N/F	N/A
IVM013	Matrix 1	N/F	0.00	N/F	N/A	N/F	N/A
IVM014	Matrix 2	N/F	0.00	N/F	N/A	N/F	N/A
IVM015	BLK4	N/F	0.00	N/F	N/A	N/F	N/A
IVM016	LS	6.00	10129.14	169113	3.00	2.852	-4.940
IVM017	BLK5	N/F	0.00	N/F	N/A	N/F	N/A
IVM018	50 ppb-X5 Dilution-P1	5.95	22223.31	128058	N/A	9.031	N/A
IVM019	50 ppb-X5 Dilution-P2	6.00	25349.15	149454	N/A	8.817	N/A
IVM020	50 ppb-X5 Dilution-P3	6.00	36009.93	209039	N/A	8.961	N/A
IVM021	50 ppb-X5 Dilution-P4	6.00	24433.08	143554	N/A	8.849	N/A
IVM022	50 ppb-X5 Dilution-P5	5.95	36272.18	211222	N/A	8.932	N/A
IVM023	BLK6	N/F	0.00	N/F	N/A	N/F	N/A
IVM024	MS	6.00	49047.78	143142	20.00	18.225	-8.870
IVM025	BLK7	N/F	0.00	N/F	N/A	N/F	N/A
IVM026	150 ppb-X5 Dilution-P1	6.00	68736.39	137965	N/A	26.684	N/A
IVM027	150 ppb-X5 Dilution-P2	6.00	68457.24	133062	N/A	27.568	N/A
IVM028	150 ppb-X5 Dilution-P3	6.00	109511.10	209105	N/A	28.070	N/A
IVM029	150 ppb-X5 Dilution-P4	6.00	71738.50	133968	N/A	28.710	N/A
IVM030	150 ppb-X5 Dilution-P5	6.00	60175.61	110136	N/A	29.302	N/A
IVM031	BLK8	7.40	53.74	N/F	N/A	N/A	N/A
IVM032	HS	5.95	93988.63	113803	40.00	44.499	11.250
IVM033	BLK9	N/F	0.00	N/F	N/A	N/F	N/A
IVM034	250 ppb-X5 Dilution-P1	6.00	125403.97	140226	N/A	48.219	N/A
IVM035	250 ppb-X5 Dilution-P2	5.95	196321.44	208565	N/A	50.774	N/A
IVM036	250 ppb-X5 Dilution-P3	6.00	188527.05	197230	N/A	51.567	N/A
IVM037	250 ppb-X5 Dilution-P4	6.00	199044.30	212235	N/A	50.586	N/A
IVM038	250 ppb-X5 Dilution-P5	6.00	118254.74	128972	N/A	49.448	N/A
IVM039	BLK10	6.05	41.68	N/F	N/A	N/A	N/A

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	Method:	IVM v1
Instrument:	Quantis Plus	Acquire Date:	1/23/2026
SOP #		Analyte:	IVM IS
Batch:	IVM Serum Assay Val 012326	Calc IS Response (Avg.):	161563.92

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM005	Solvent	BLK2	N/F	0.00	0.00	NA
IVM006	Cal Std	STD 1	5.93	121217.84	167266.03	-24.97%
IVM007	Cal Std	STD 2	5.93	197073.65	167266.03	21.98%
IVM008	Cal Std	STD 3	5.93	183049.64	167266.03	13.30%
IVM009	Cal Std	STD 4	5.93	187783.08	167266.03	16.23%
IVM010	Cal Std	STD 5	5.93	118695.37	167266.03	-26.53%
IVM011	Cal Std	STD 6	5.93	195776.58	167266.03	21.18%
IVM012	Solvent	BLK3	N/F	0.00	0.00	NA
IVM013	Matrix Blank	Matrix 1	N/F	0.00	0.00	NA
IVM014	Matrix Blank	Matrix 2	N/F	0.00	0.00	NA
IVM015	Solvent	BLK4	N/F	0.00	0.00	NA
IVM016	QC	LS	5.93	169112.79	167266.03	4.67%
IVM017	Solvent	BLK5	N/F	0.00	0.00	NA
IVM018	Unknown	50 ppb-X5 Dilution-P1	5.93	128058.49	167266.03	-20.74%
IVM019	Unknown	50 ppb-X5 Dilution-P2	5.93	149453.77	167266.03	-7.50%
IVM020	Unknown	50 ppb-X5 Dilution-P3	5.93	209039.48	167266.03	29.39%
IVM021	Unknown	50 ppb-X5 Dilution-P4	5.93	143553.80	167266.03	-11.15%
IVM022	Unknown	50 ppb-X5 Dilution-P5	5.93	211221.81	167266.03	30.74%
IVM023	Solvent	BLK6	N/F	0.00	0.00	NA
IVM024	QC	MS	5.93	143141.91	167266.03	-11.40%
IVM025	Solvent	BLK7	N/F	0.00	0.00	NA
IVM026	Unknown	150 ppb-X5 Dilution-P1	5.93	137964.93	167266.03	-14.61%
IVM027	Unknown	150 ppb-X5 Dilution-P2	5.93	133061.57	167266.03	-17.64%
IVM028	Unknown	150 ppb-X5 Dilution-P3	5.93	209104.80	167266.03	29.43%
IVM029	Unknown	150 ppb-X5 Dilution-P4	5.93	133968.45	167266.03	-17.08%
IVM030	Unknown	150 ppb-X5 Dilution-P5	5.93	110135.61	167266.03	-31.83%
IVM031	Solvent	BLK8	N/F	0.00	0.00	NA
IVM032	QC	HS	5.93	113803.32	167266.03	-29.56%
IVM033	Solvent	BLK9	N/F	0.00	0.00	NA
IVM034	Unknown	250 ppb-X5 Dilution-P1	5.93	140226.38	167266.03	-13.21%
IVM035	Unknown	250 ppb-X5 Dilution-P2	5.93	208565.24	167266.03	29.09%
IVM036	Unknown	250 ppb-X5 Dilution-P3	5.93	197229.79	167266.03	22.08%
IVM037	Unknown	250 ppb-X5 Dilution-P4	5.93	212235.13	167266.03	31.36%
IVM038	Unknown	250 ppb-X5 Dilution-P5	5.93	128971.55	167266.03	-20.17%
IVM039	Solvent	BLK10	N/F	0.00	0.00	NA

*(1)-Average IS Response may include blank due to software bug. Used averageifs formula to calculate IS Response (Avg) and updated % deviation calculation 10/27/22. -DMP

NOTE: Data chromatography is filtered to remove LFFM samples from report. -DMP 9/20/2023

Quantis Plus (QP) Chromatograms

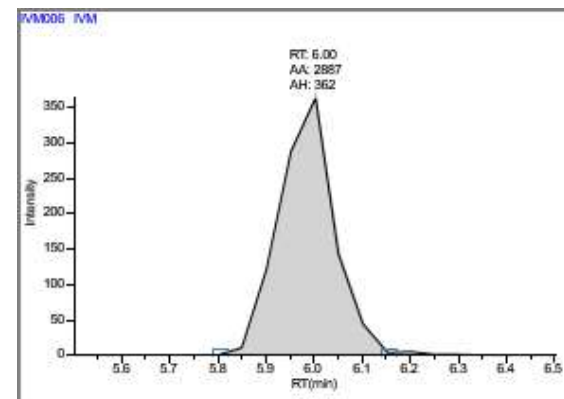
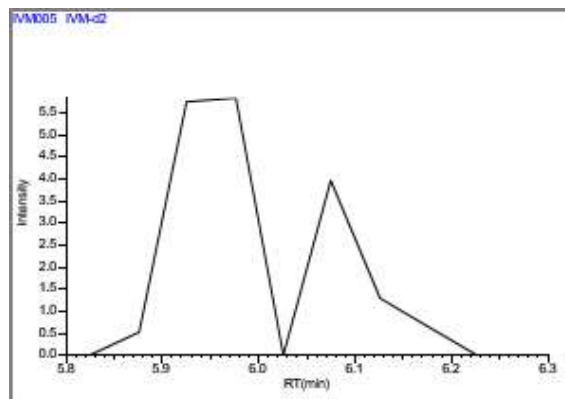
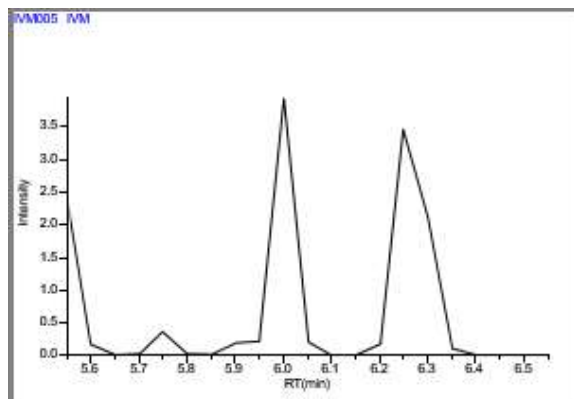
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

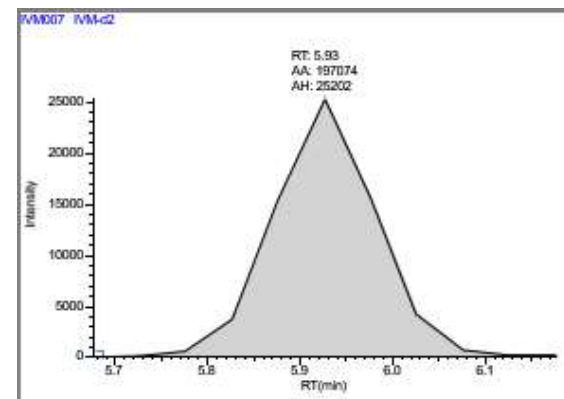
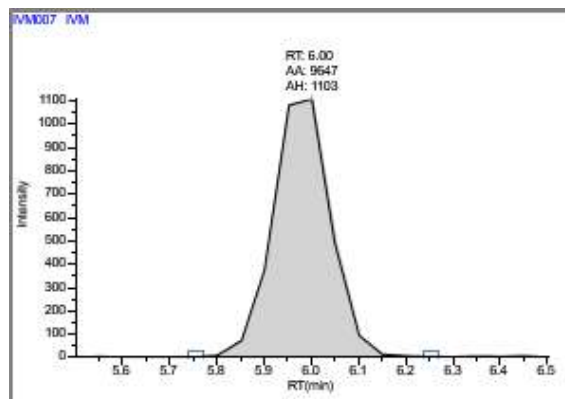
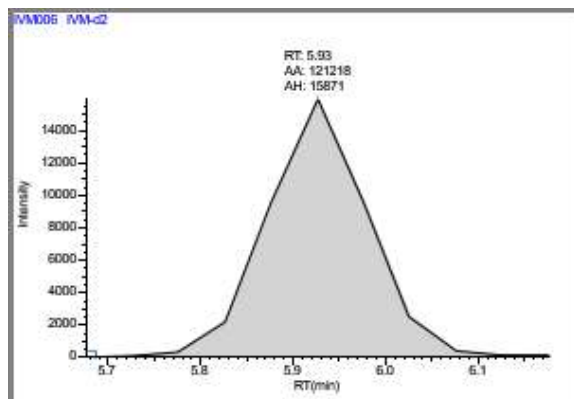
SOP #

Batch: IVM Serum Assay Val 012326

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM005	File Name:	IVM005	File Name:	IVM006
Sample Name:	BLK2	Sample Name:	BLK2	Sample Name:	STD 1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM006	File Name:	IVM007	File Name:	IVM007
Sample Name:	STD 1	Sample Name:	STD 2	Sample Name:	STD 2
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

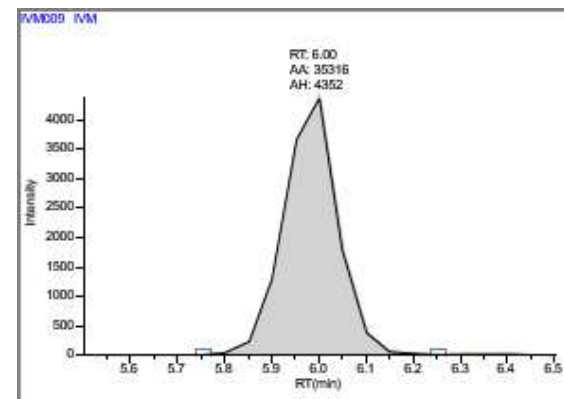
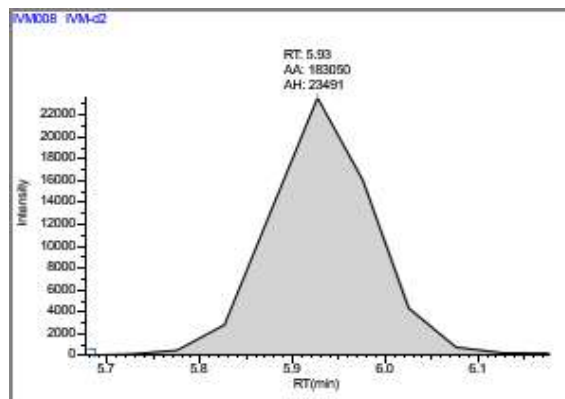
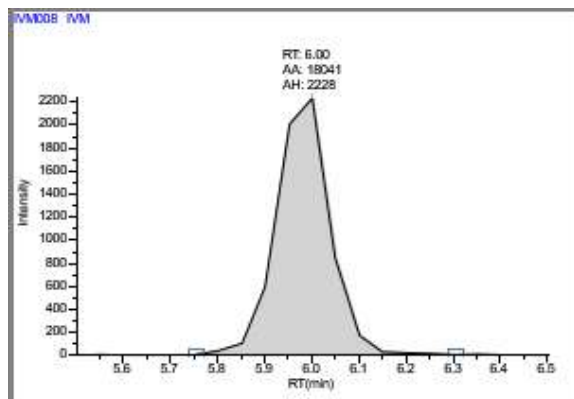
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

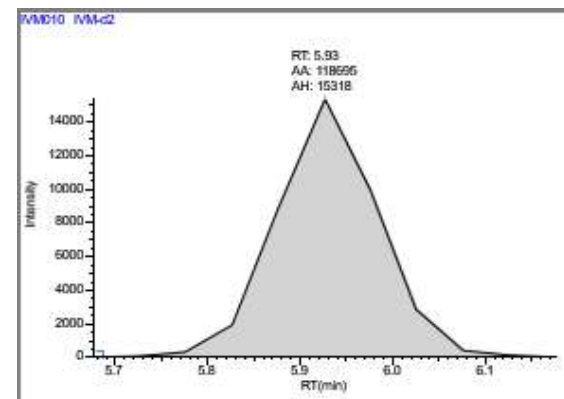
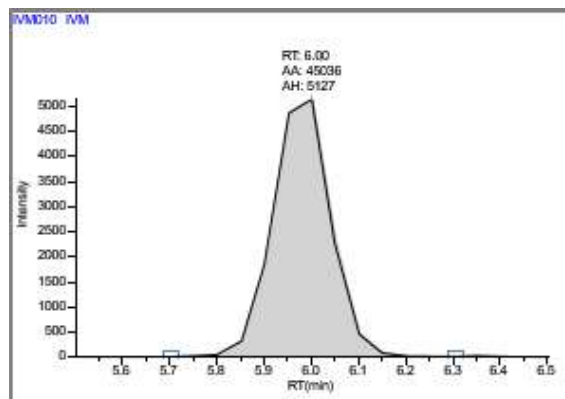
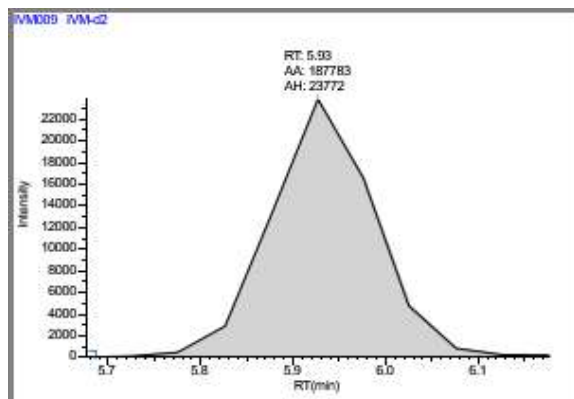
SOP #

Batch: IVM Serum Assay Val 012326

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM008	File Name:	IVM008	File Name:	IVM009
Sample Name:	STD 3	Sample Name:	STD 3	Sample Name:	STD 4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM009	File Name:	IVM010	File Name:	IVM010
Sample Name:	STD 4	Sample Name:	STD 5	Sample Name:	STD 5
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

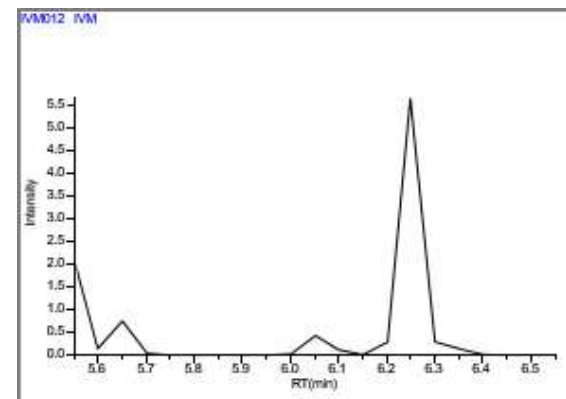
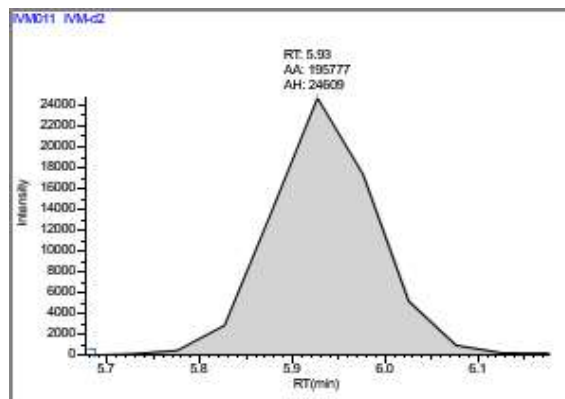
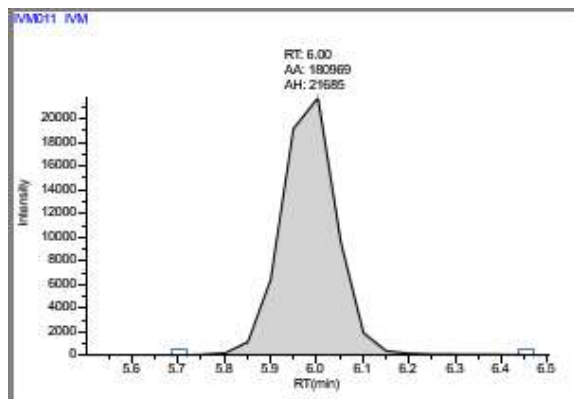
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

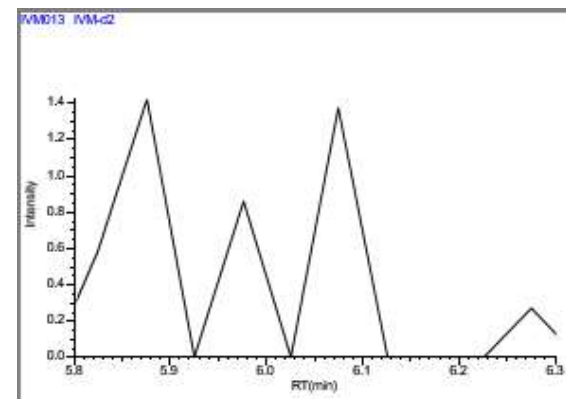
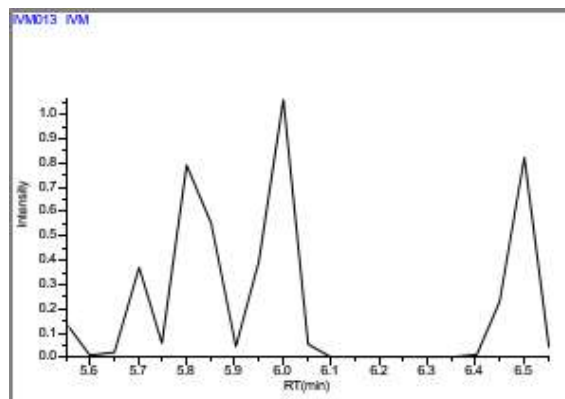
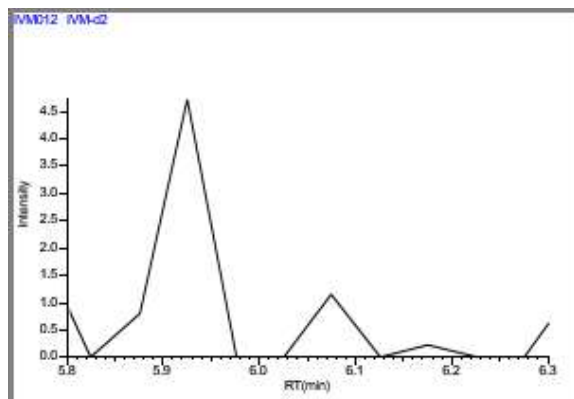
SOP #

Batch: IVM Serum Assay Val 012326

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM011	File Name:	IVM011	File Name:	IVM012
Sample Name:	STD 6	Sample Name:	STD 6	Sample Name:	BLK3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM012	File Name:	IVM013	File Name:	IVM013
Sample Name:	BLK3	Sample Name:	Matrix 1	Sample Name:	Matrix 1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

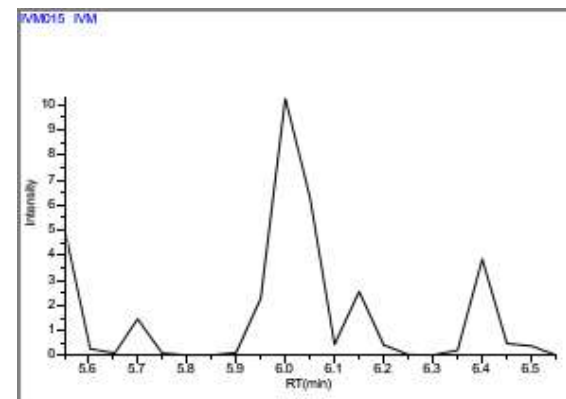
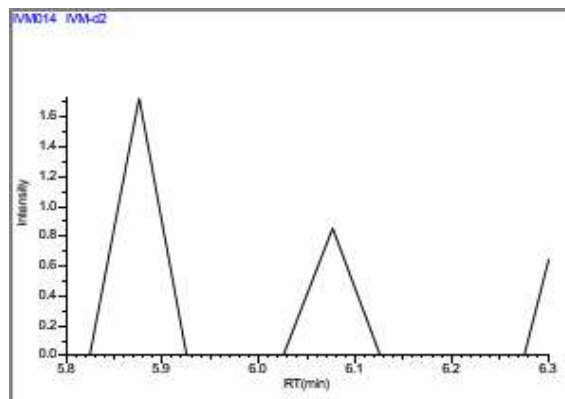
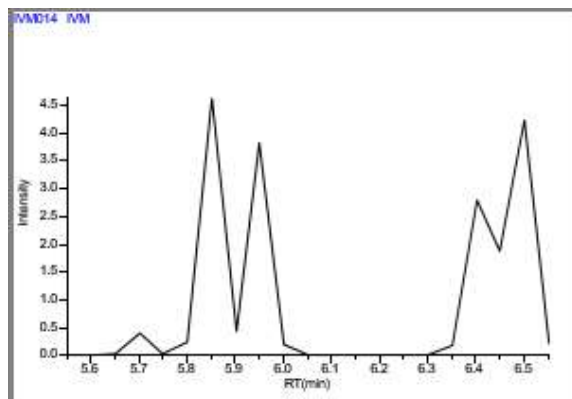
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

SOP #

Batch: IVM Serum Assay Val 012326

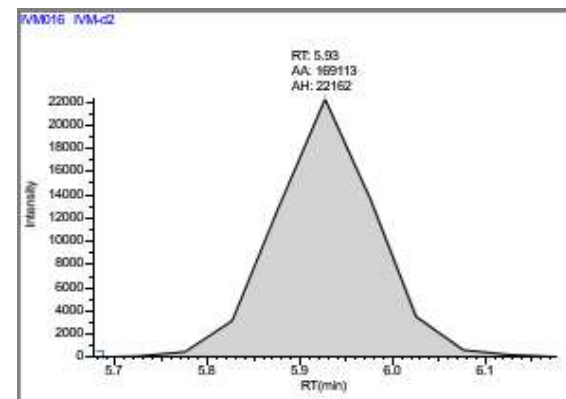
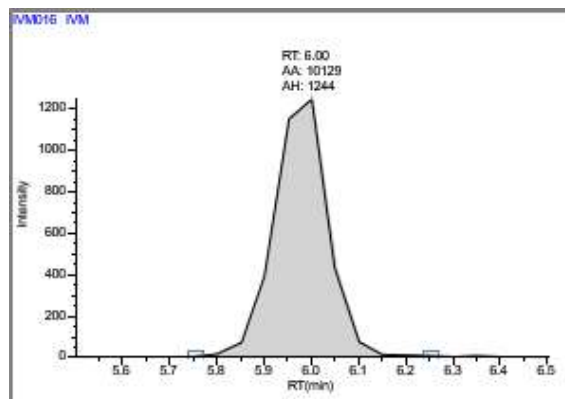
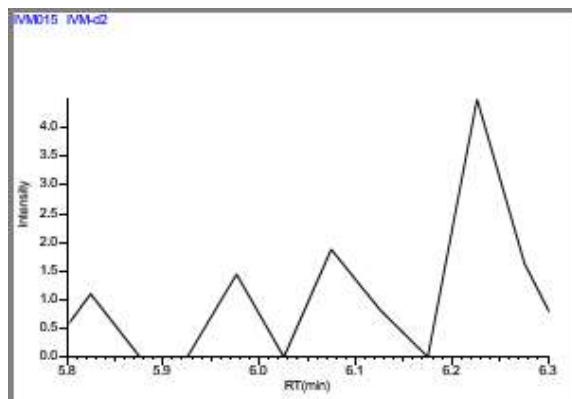
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM014	File Name:	IVM014	File Name:	IVM015
Sample Name:	Matrix 2	Sample Name:	Matrix 2	Sample Name:	BLK4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM015
Sample Name:	BLK4
Manipulated?	FALSE

Compound Name:	IVM
File Name:	IVM016
Sample Name:	LS
Manipulated?	FALSE

Compound Name:	IVM-d2
File Name:	IVM016
Sample Name:	LS
Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

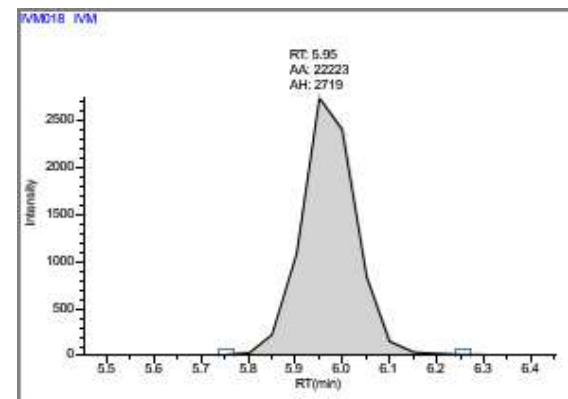
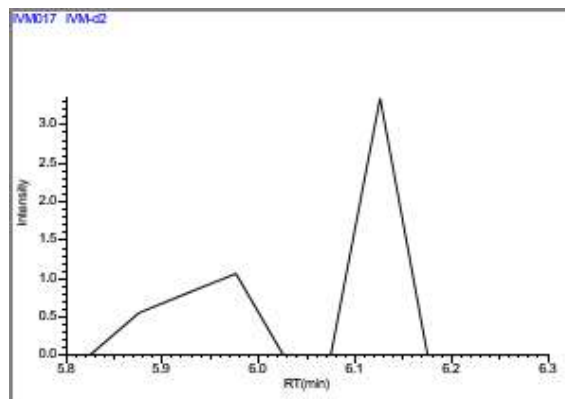
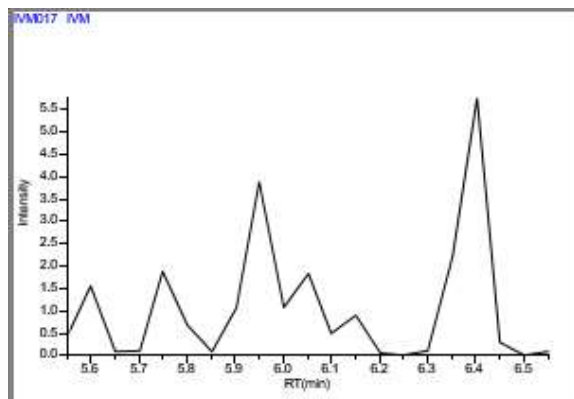
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

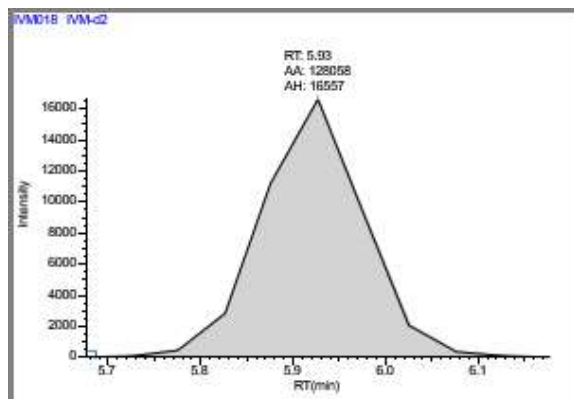
SOP #

Batch: IVM Serum Assay Val 012326

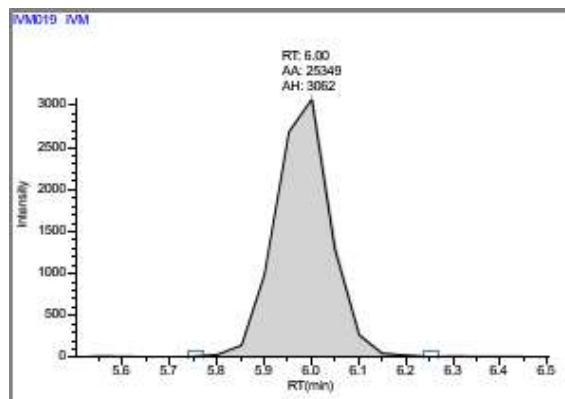
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM017	File Name:	IVM017	File Name:	IVM018
Sample Name:	BLK5	Sample Name:	BLK5	Sample Name:	50 ppb-X5 Dilution-P1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



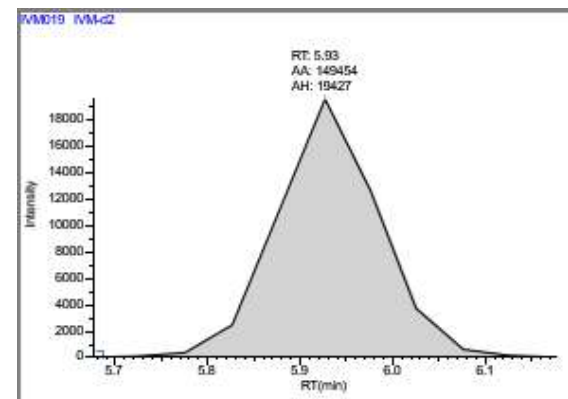
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File Name:	IVM018
Sample Name:	50 ppb-X5 Dilution-P1
Manipulated?	FALSE



Compound Name:	IVM
File Name:	IVM019
Sample Name:	50 ppb-X5 Dilution-P2
Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM019
Sample Name:	50 ppb-X5 Dilution-P2
Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

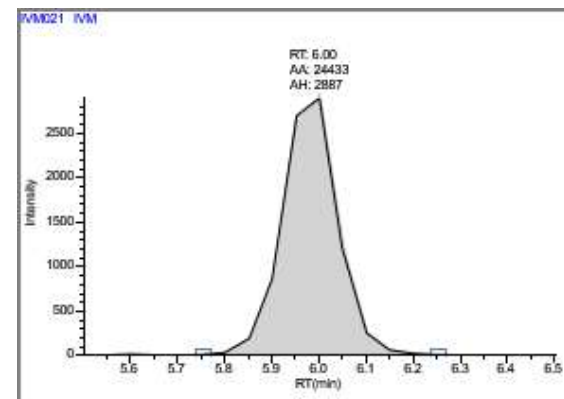
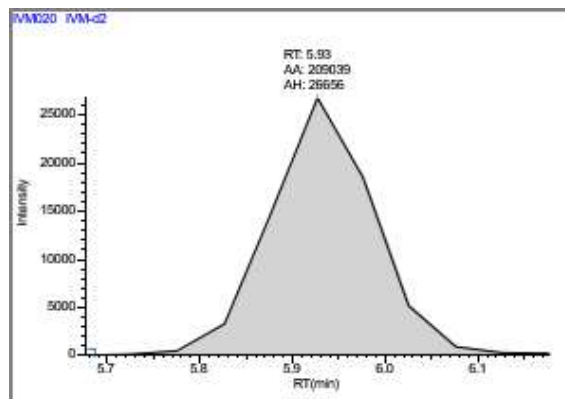
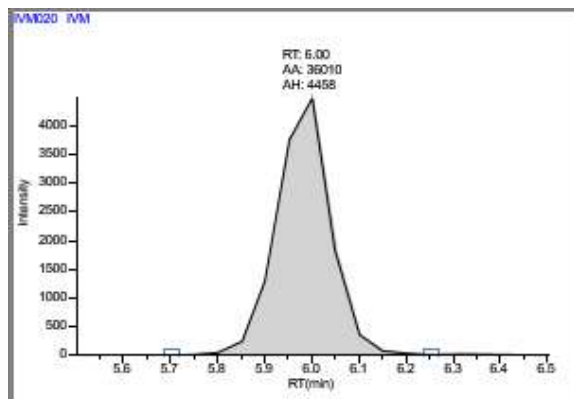
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

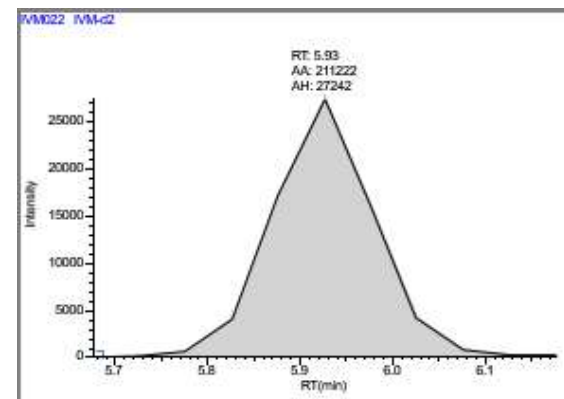
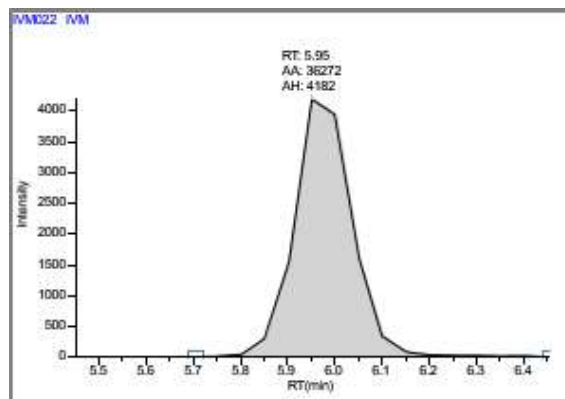
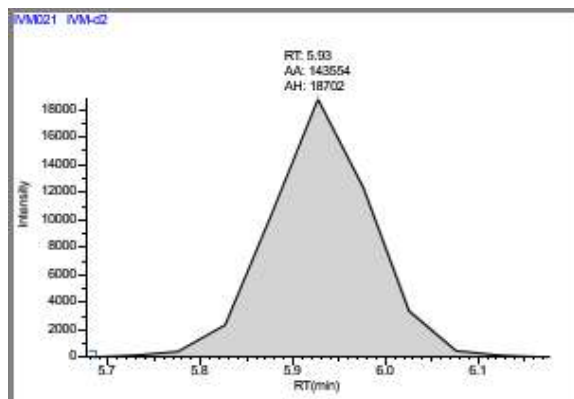
SOP #

Batch: IVM Serum Assay Val 012326

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM020	File Name:	IVM020	File Name:	IVM021
Sample Name:	50 ppb-X5 Dilution-P3	Sample Name:	50 ppb-X5 Dilution-P3	Sample Name:	50 ppb-X5 Dilution-P4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM021	File Name:	IVM022	File Name:	IVM022
Sample Name:	50 ppb-X5 Dilution-P4	Sample Name:	50 ppb-X5 Dilution-P5	Sample Name:	50 ppb-X5 Dilution-P5
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

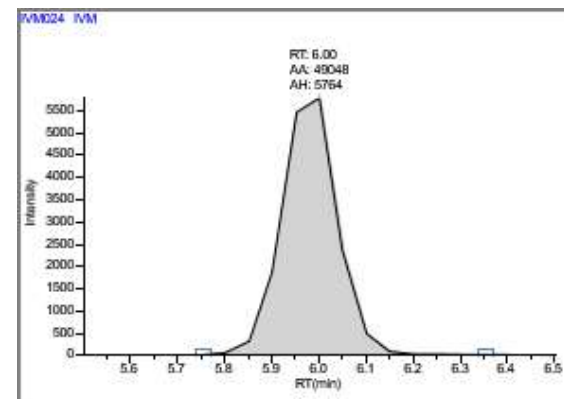
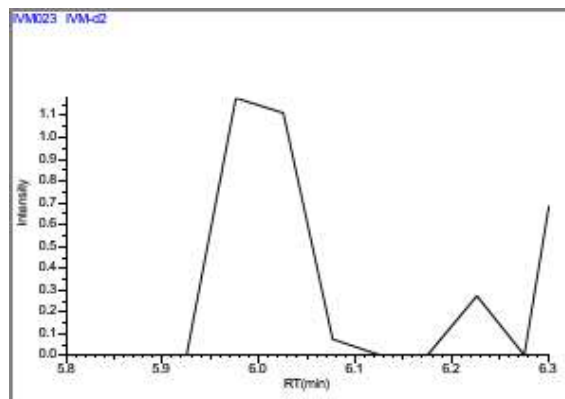
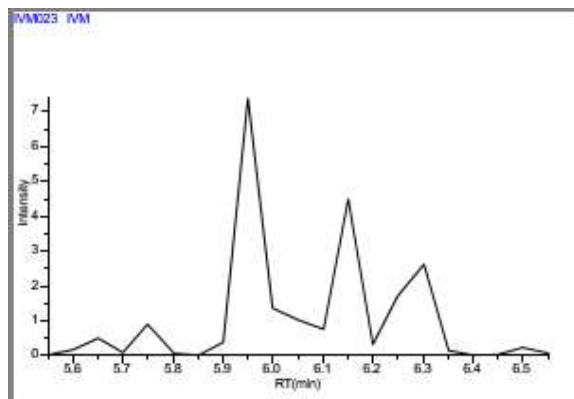
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

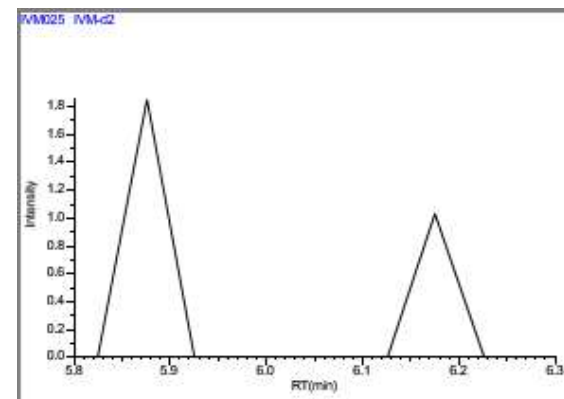
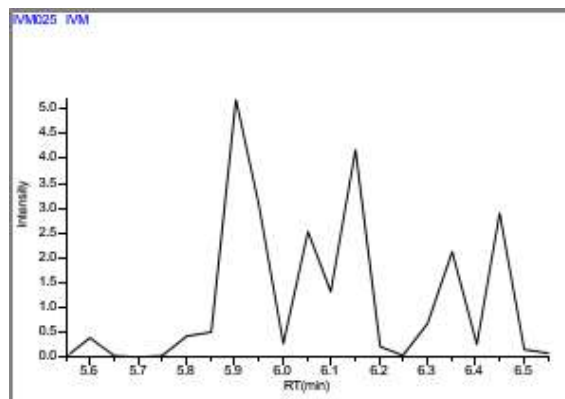
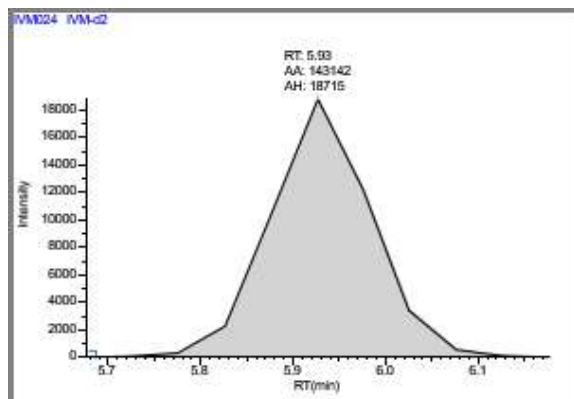
SOP #

Batch: IVM Serum Assay Val 012326

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM023	File Name:	IVM023	File Name:	IVM024
Sample Name:	BLK6	Sample Name:	BLK6	Sample Name:	MS
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM024	File Name:	IVM025	File Name:	IVM025
Sample Name:	MS	Sample Name:	BLK7	Sample Name:	BLK7
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

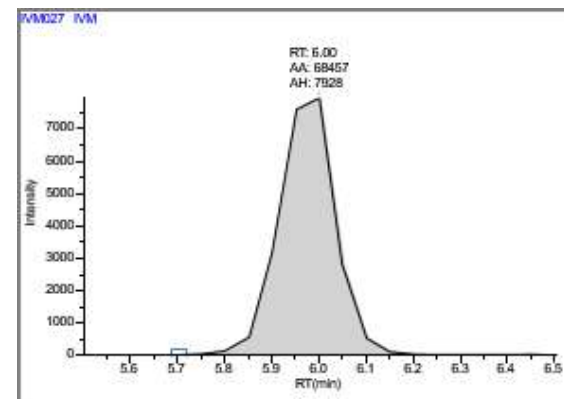
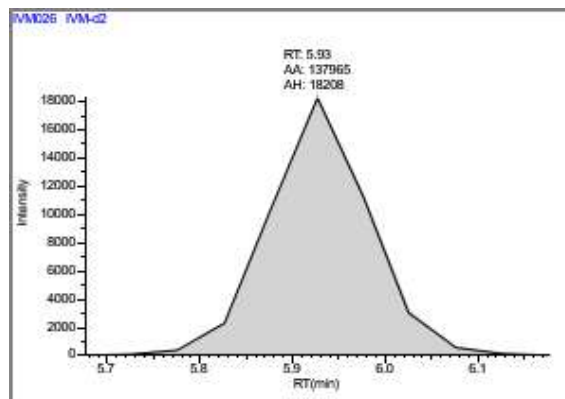
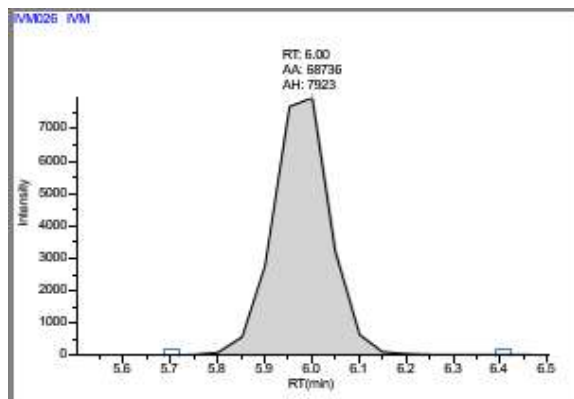
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

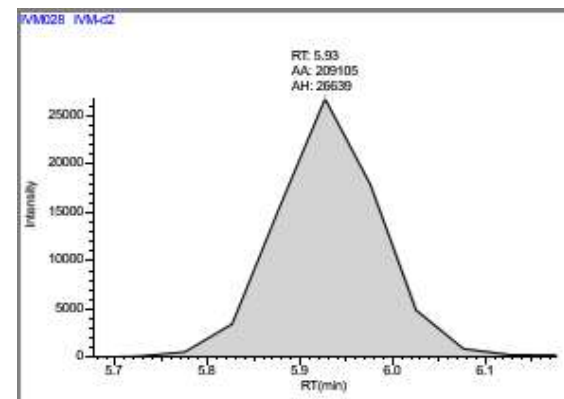
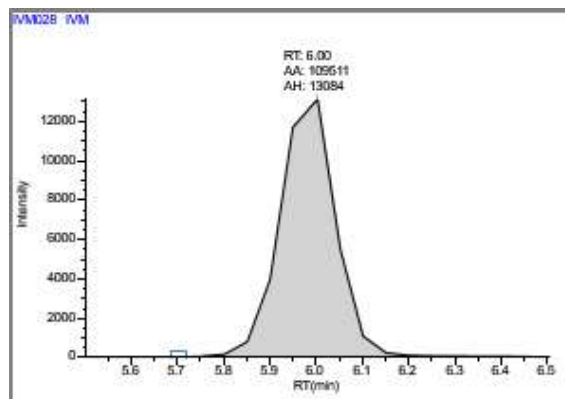
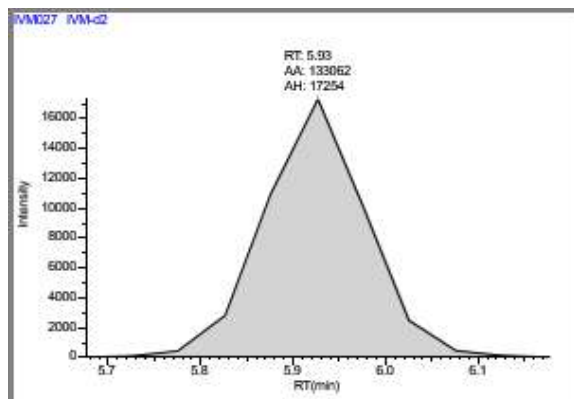
SOP #

Batch: IVM Serum Assay Val 012326

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM026	File Name:	IVM026	File Name:	IVM027
Sample Name:	150 ppb-X5 Dilution-P1	Sample Name:	150 ppb-X5 Dilution-P1	Sample Name:	150 ppb-X5 Dilution-P2
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM027	File Name:	IVM028	File Name:	IVM028
Sample Name:	150 ppb-X5 Dilution-P2	Sample Name:	150 ppb-X5 Dilution-P3	Sample Name:	150 ppb-X5 Dilution-P3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

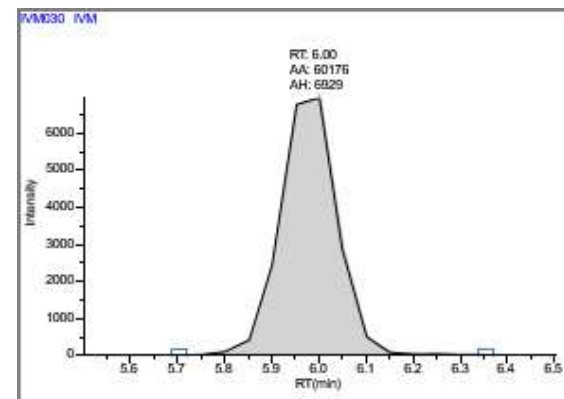
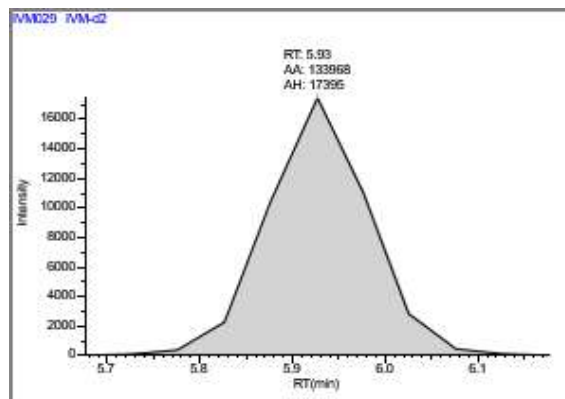
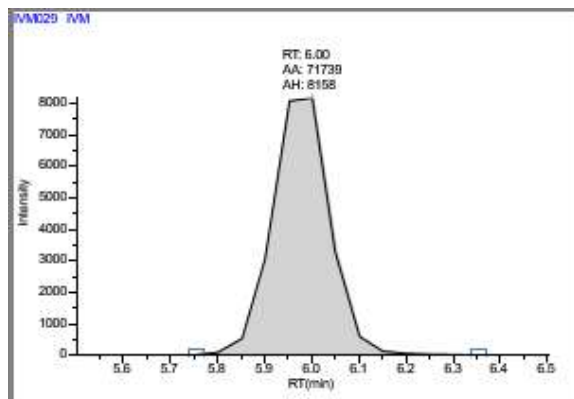
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

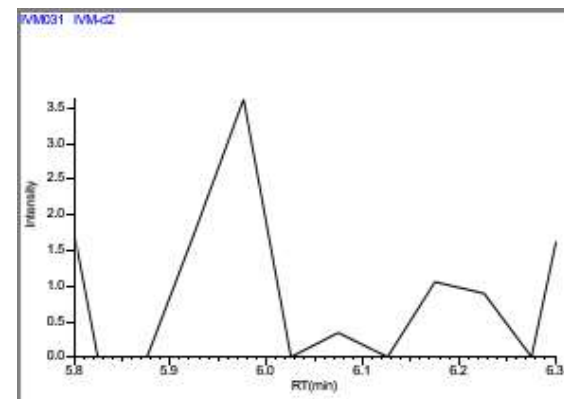
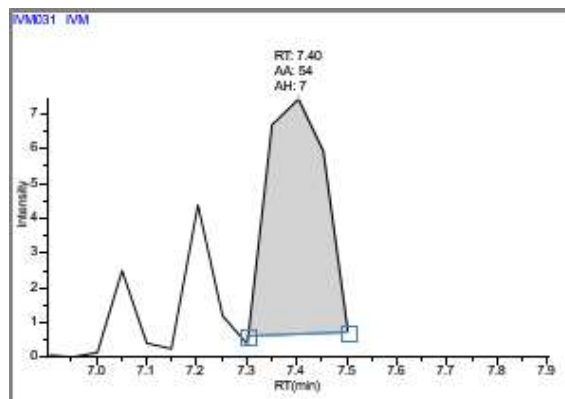
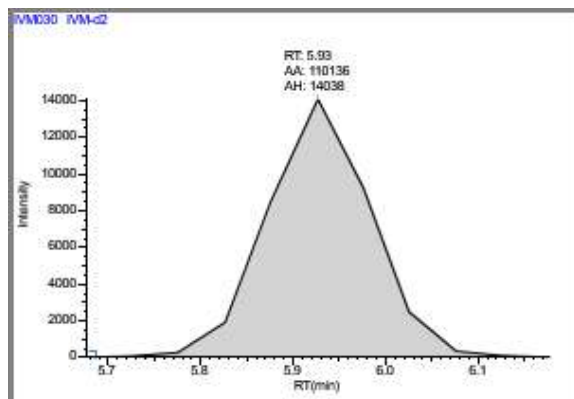
SOP #

Batch: IVM Serum Assay Val 012326

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM029	File Name:	IVM029	File Name:	IVM030
Sample Name:	150 ppb-X5 Dilution-P4	Sample Name:	150 ppb-X5 Dilution-P4	Sample Name:	150 ppb-X5 Dilution-P5
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM030	File Name:	IVM031	File Name:	IVM031
Sample Name:	150 ppb-X5 Dilution-P5	Sample Name:	BLK8	Sample Name:	BLK8
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

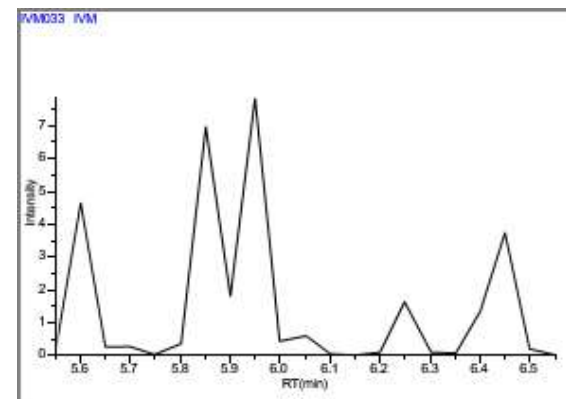
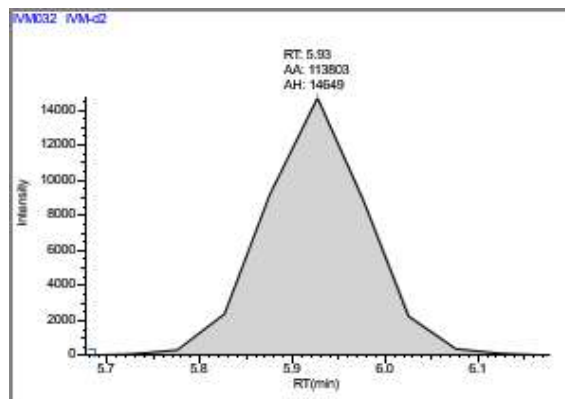
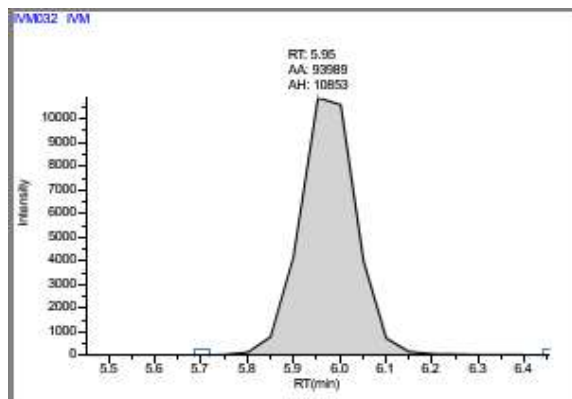
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

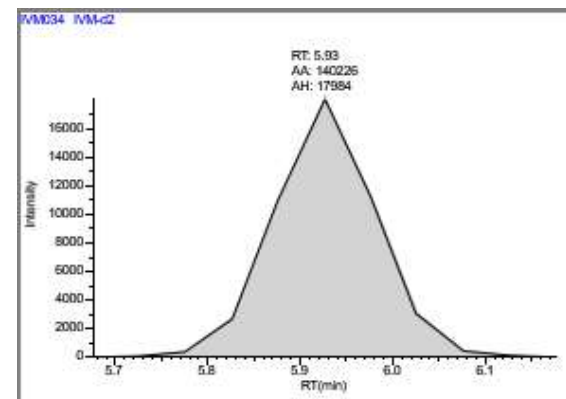
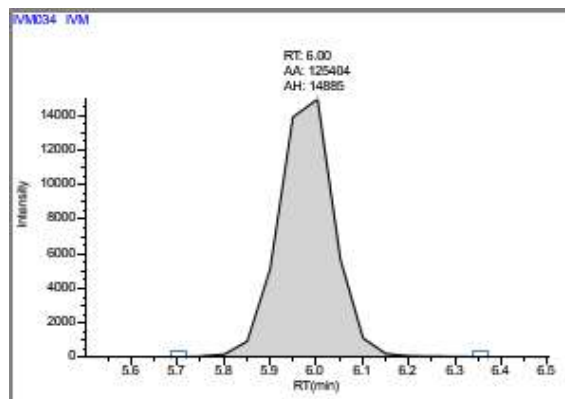
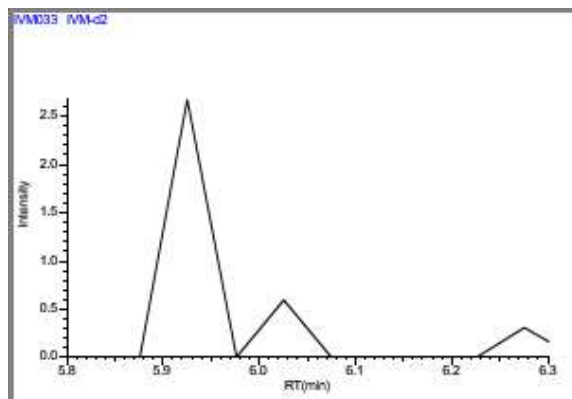
SOP #

Batch: IVM Serum Assay Val 012326

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM032	File Name:	IVM032	File Name:	IVM033
Sample Name:	HS	Sample Name:	HS	Sample Name:	BLK9
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM033	File Name:	IVM034	File Name:	IVM034
Sample Name:	BLK9	Sample Name:	250 ppb-X5 Dilution-P1	Sample Name:	250 ppb-X5 Dilution-P1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

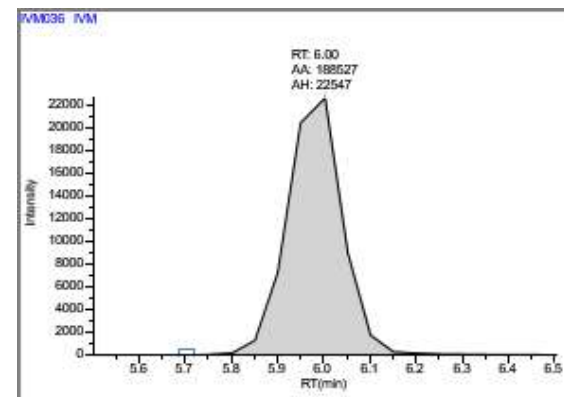
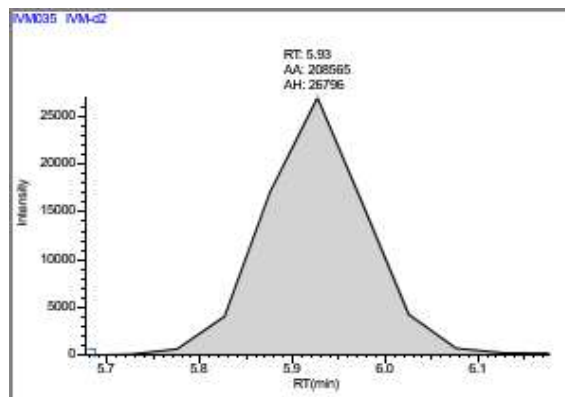
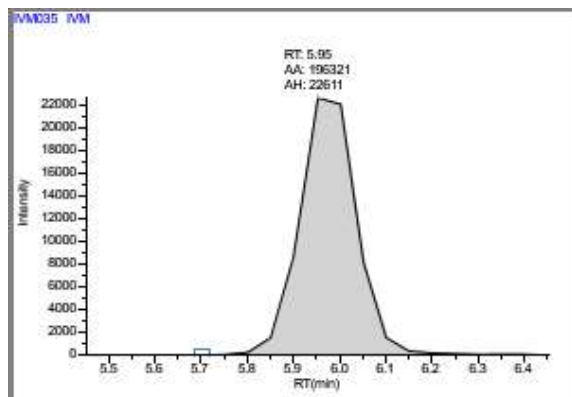
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

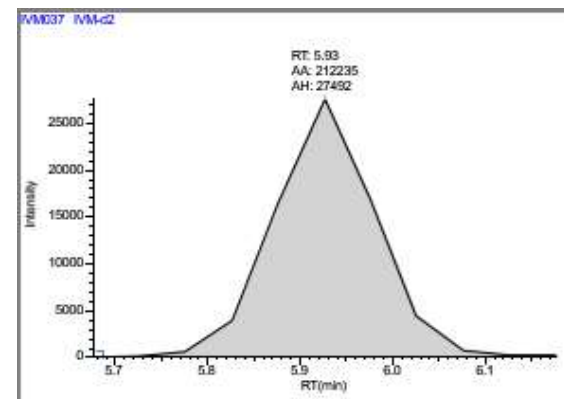
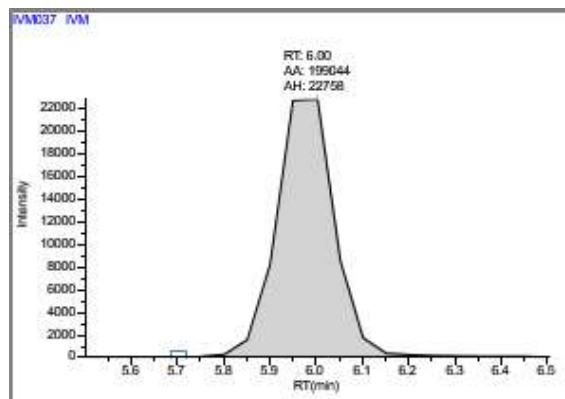
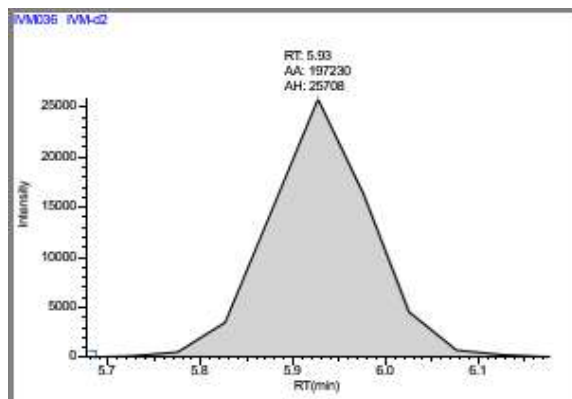
SOP #

Batch: IVM Serum Assay Val 012326

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM035	File Name:	IVM035	File Name:	IVM036
Sample Name:	250 ppb-X5 Dilution-P2	Sample Name:	250 ppb-X5 Dilution-P2	Sample Name:	250 ppb-X5 Dilution-P3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM036	File Name:	IVM037	File Name:	IVM037
Sample Name:	250 ppb-X5 Dilution-P3	Sample Name:	250 ppb-X5 Dilution-P4	Sample Name:	250 ppb-X5 Dilution-P4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Quantis Plus (QP) Chromatograms

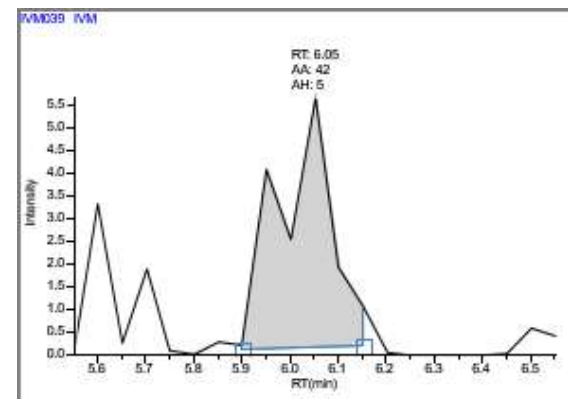
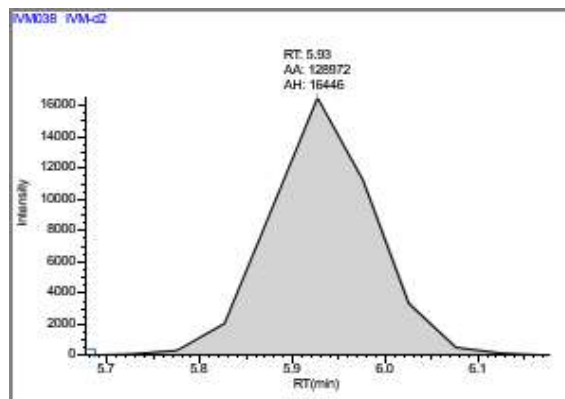
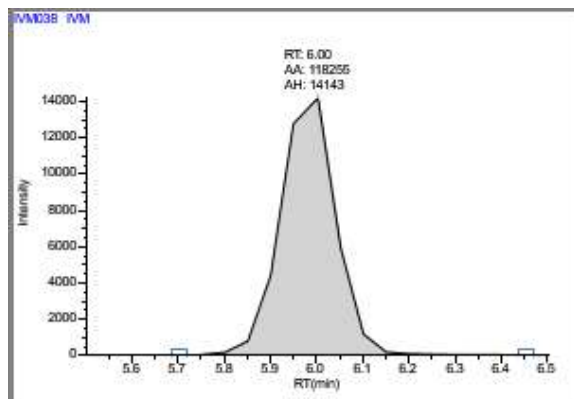
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Acquire Date: 1/23/2026

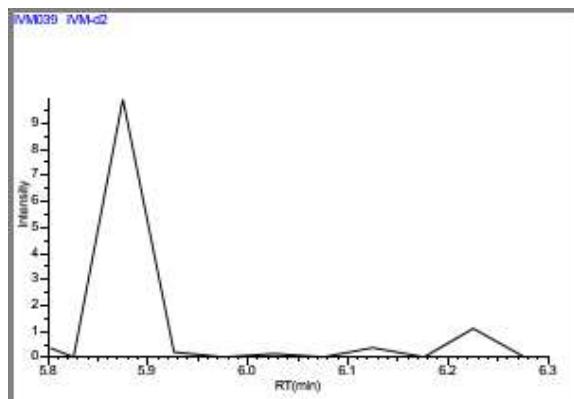
SOP #

Batch: IVM Serum Assay Val 012326

Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM038	File Name:	IVM038	File Name:	IVM039
Sample Name:	250 ppb-X5 Dilution-P5	Sample Name:	250 ppb-X5 Dilution-P5	Sample Name:	BLK10
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM039
Sample Name:	BLK10
Manipulated?	FALSE

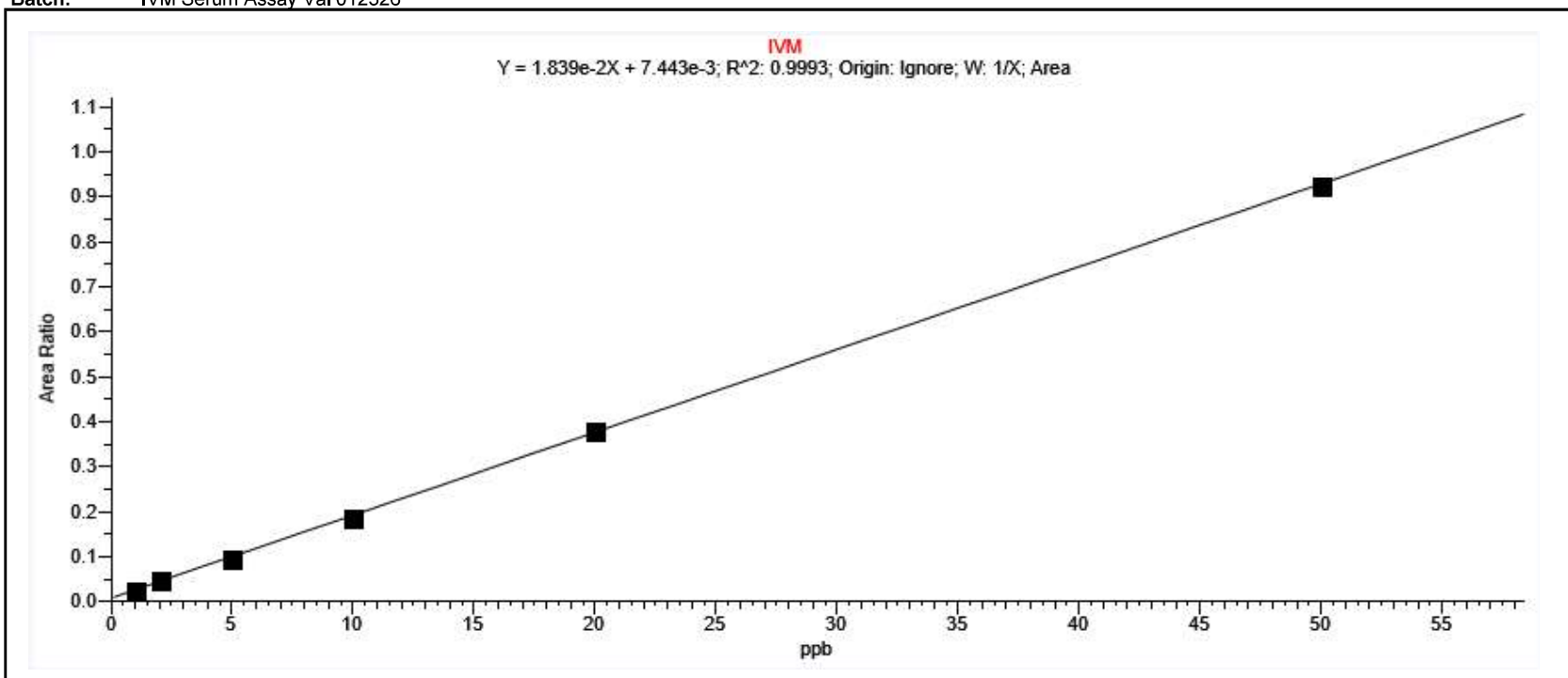


Quantis Plus (QP) Calibration curves

Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Date Acquired: 1/23/2026
Slope: 1.8390E-02

Batch: IVM Serum Assay Val 012326



Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	2887	1.000	0.890	-10.96	True	False	
2	IVM007	9647	2.000	2.257	12.84	True	False	
3	IVM008	18041	5.000	4.954	-0.92	True	False	
4	IVM009	35316	10.000	9.821	-1.79	True	False	
5	IVM010	45036	20.000	20.225	1.12	True	False	
6	IVM011	180969	50.000	49.853	-0.29	True	False	

Quantis Plus (QP) Calibration curves

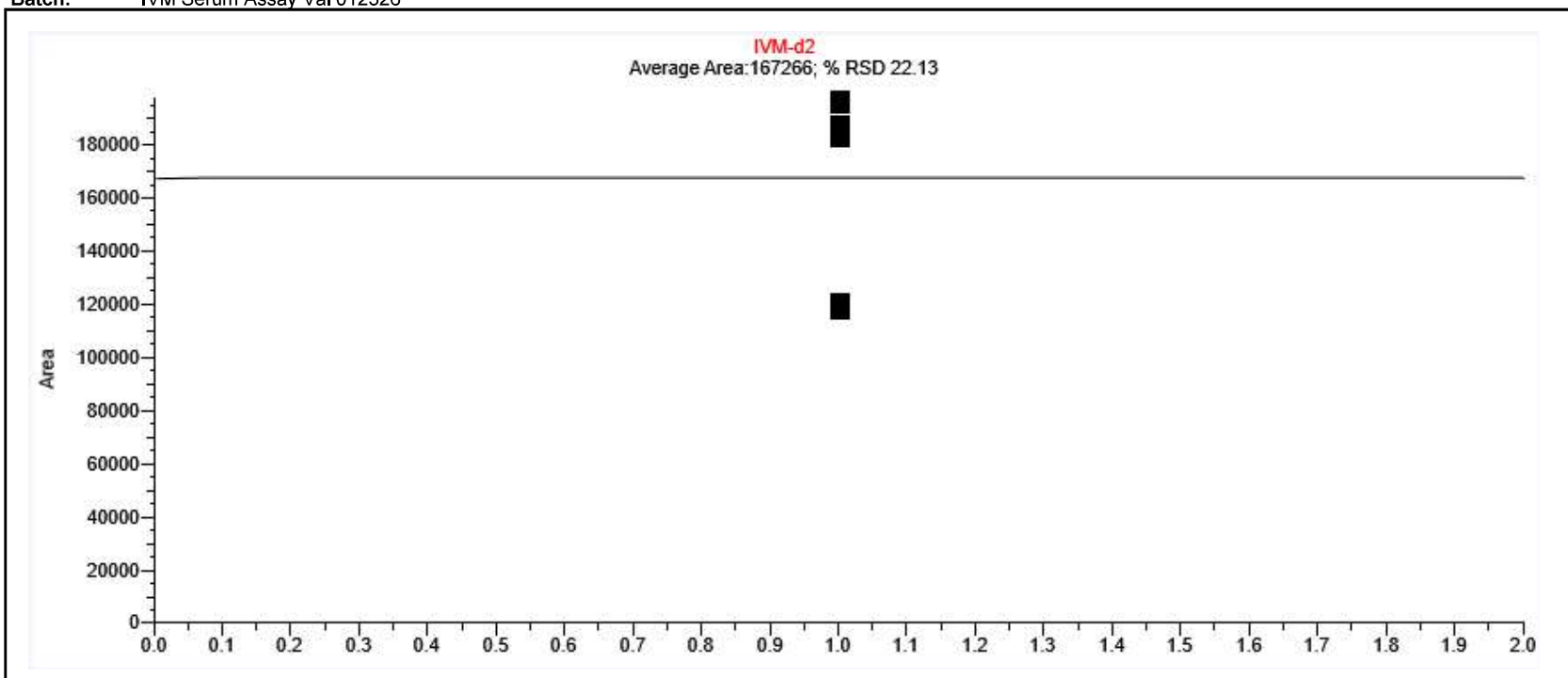
Lab Name: OTSC
Instrument: Quantis Plus

Method: IVM v1
Date Acquired: 1/23/2026

SOP #

Slope:

Batch: IVM Serum Assay Val 012326



Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	121218	1.000	0.000	0.00	True	False	
2	IVM007	197074	1.000	0.000	0.00	True	False	
3	IVM008	183050	1.000	0.000	0.00	True	False	
4	IVM009	187783	1.000	0.000	0.00	True	False	
5	IVM010	118695	1.000	0.000	0.00	True	False	
6	IVM011	195777	1.000	0.000	0.00	True	False	