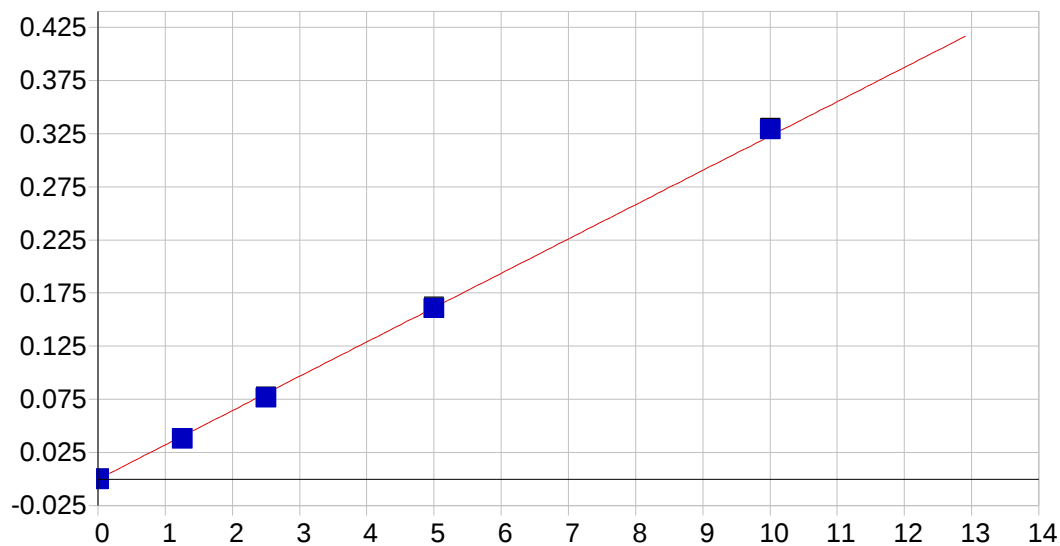


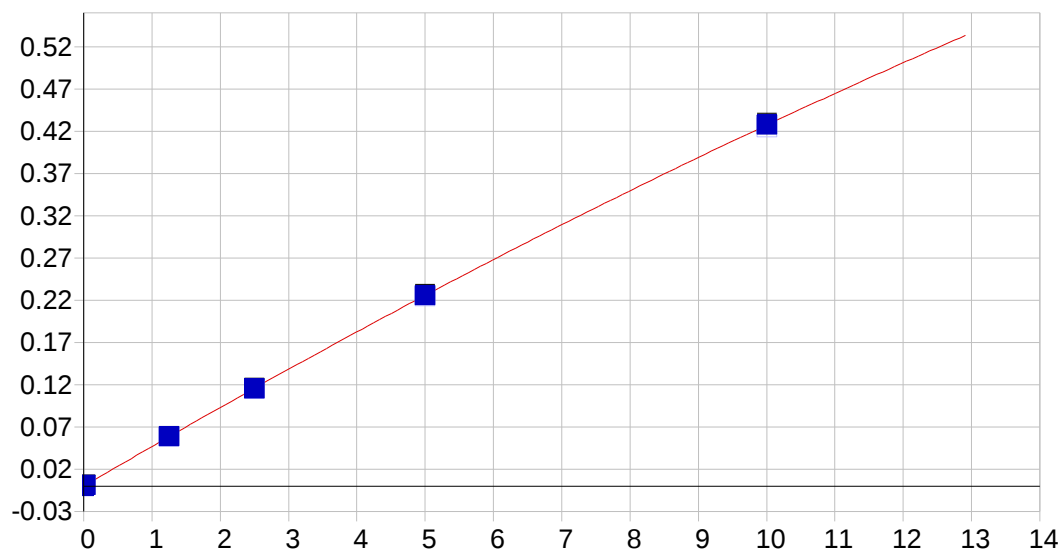


As 189.042 {479}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000125 Re-Slope: 1.000000
 A1 (Gain): 0.032288 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999647 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003726
 Predicted MQL: 0.012422

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.00918	-.001	-8.21	.00017	.000	1
S2	1.2500	1.1795	-.070	-5.64	.03797	.000	1
S3	2.5000	2.3849	-.115	-4.61	.07689	.000	1
S4	5.0000	4.9889	-.011	-.222	.16098	.001	1
S5	10.000	10.198	.198	1.98	.32918	.001	1

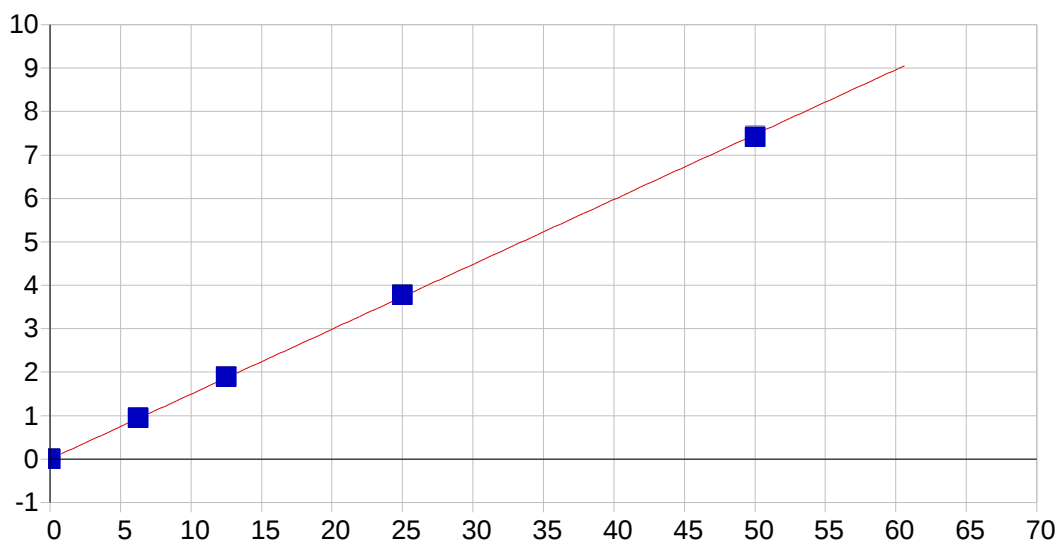


TI 190.856 {477}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000216 Re-Slope: 1.000000
 A1 (Gain): 0.047676 Y-int: 0.000000
 A2 (Curvature): -0.000490
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.001984
 Predicted MQL: 0.006613

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.02500	.02624	.001	4.96	.00102	.000	1
S2	1.2500	1.2528	.003	.223	.05838	.000	1
S3	2.5000	2.4957	-.004	-.174	.11499	.001	1
S4	5.0000	4.9989	-.001	-.023	.22442	.001	1
S5	10.000	10.002	.002	.015	.42469	.002	1

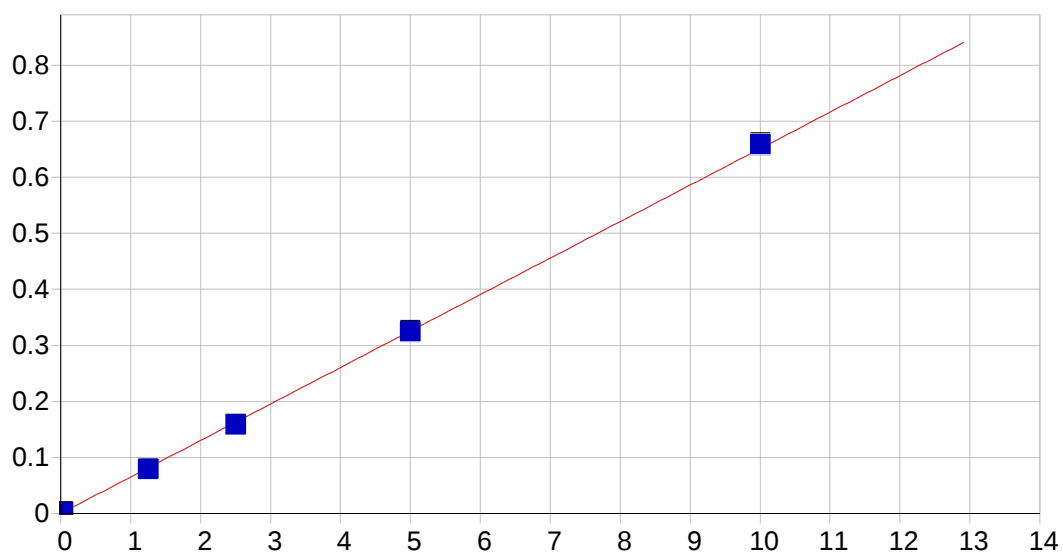


Pb 220.353 {453}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000324 Re-Slope: 1.000000
 A1 (Gain): 0.149414 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.001564
 Predicted MQL: 0.005214

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.01109	.001	10.9	.00134	.000	1
S2	6.2500	6.3213	.071	1.14	.94563	.002	1
S3	12.500	12.629	.129	1.03	1.8895	.003	1
S4	25.000	25.227	.227	.910	3.7749	.001	1
S5	50.000	49.571	-.429	-.857	7.4180	.015	1

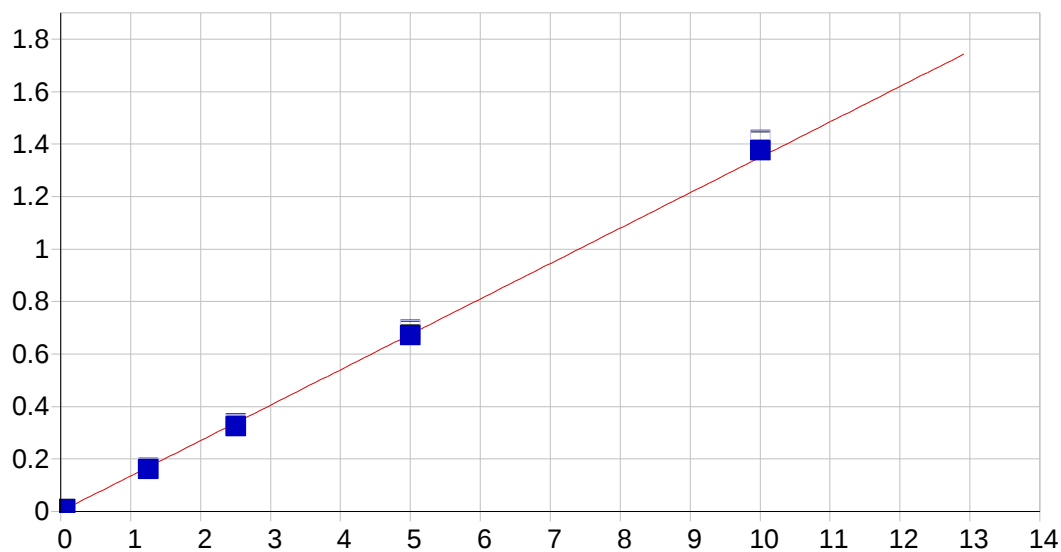


Se 196.090 {472}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.065114 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.002748
 Predicted MQL: 0.009160

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.03500	.03616	.001	3.31	.00245	.000	1
S2	1.2500	1.2110	-.039	-3.12	.07857	.000	1
S3	2.5000	2.4319	-.068	-2.72	.15768	.001	1
S4	5.0000	4.9913	-.009	-.174	.32357	.001	1
S5	10.000	10.115	.115	1.15	.65564	.003	1

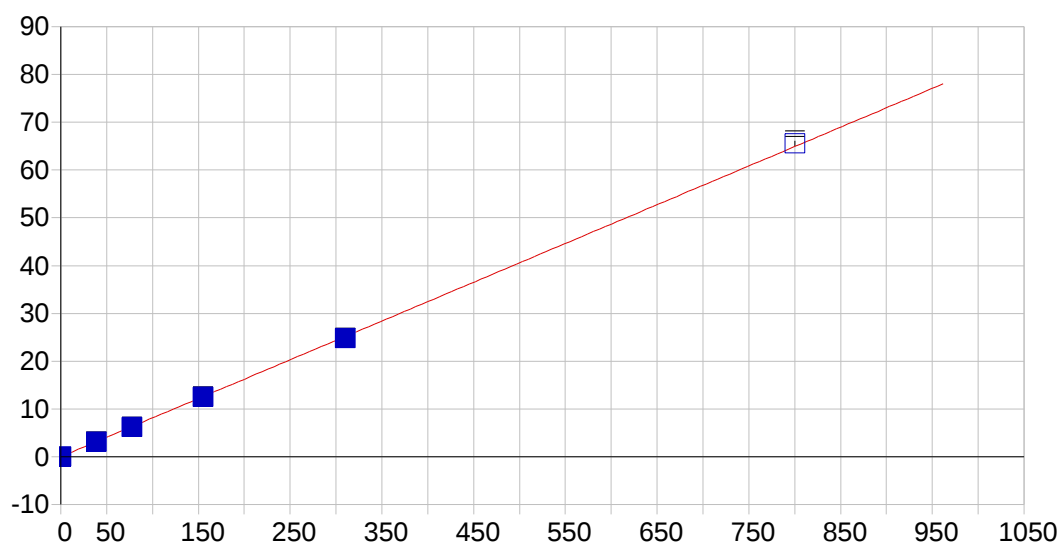


Sb 206.833 {463}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000322 Re-Slope: 1.000000
 A1 (Gain): 0.134917 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999726 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.001463
 Predicted MQL: 0.004877

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00032	.000	1
S1	.06000	.05639	-.004	-6.01	.00793	.000	1
S2	1.2500	1.1908	-.059	-4.74	.16557	.000	1
S3	2.5000	2.3989	-.101	-4.04	.33316	.001	1
S4	5.0000	4.9734	-.027	-.533	.68969	.002	1
S5	10.000	10.190	.190	1.90	1.4119	.003	1

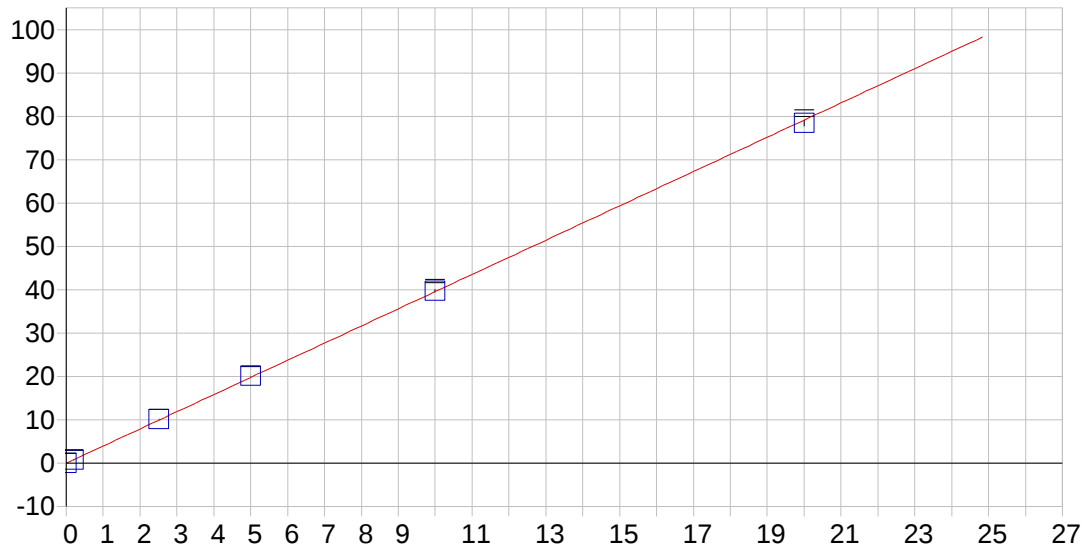


AI 396.152 { 85}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000715 Re-Slope: 1.000000
 A1 (Gain): 0.081138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000652
 Predicted MDL: 0.005537
 Predicted MQL: 0.018455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00071	.000	1
S1	.20000	.20012	.000	.060	.01555	.000	1
S2	38.750	37.648	-1.10	-2.84	3.0569	.007	1
S3	77.500	75.624	-1.88	-2.42	6.1411	.013	1
S4	155.00	154.27	-.733	-.473	12.528	.044	1
S5	310.00	305.49	-4.51	-1.46	24.809	.023	1
S6	800.00	808.23	8.23	1.03	65.577	.587	1

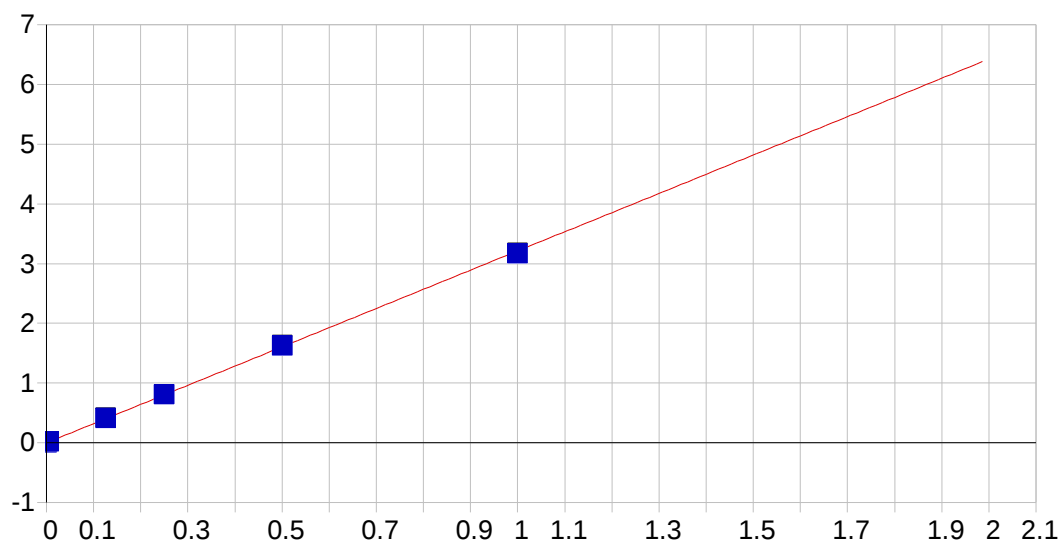


Ba 493.409 { 68}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013600 Re-Slope: 1.000000
 A1 (Gain): 3.956506 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.004296
 Predicted MDL: 0.000277
 Predicted MQL: 0.000924

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01363	.000	1
S1	.20000	.20205	.002	1.03	.78583	.002	1
S2	2.5000	2.5569	.057	2.28	10.103	.038	1
S3	5.0000	5.0718	.072	1.44	20.053	.093	1
S4	10.000	10.039	.039	.387	39.705	.373	1
S5	20.000	19.830	-.170	-.848	78.446	.716	1

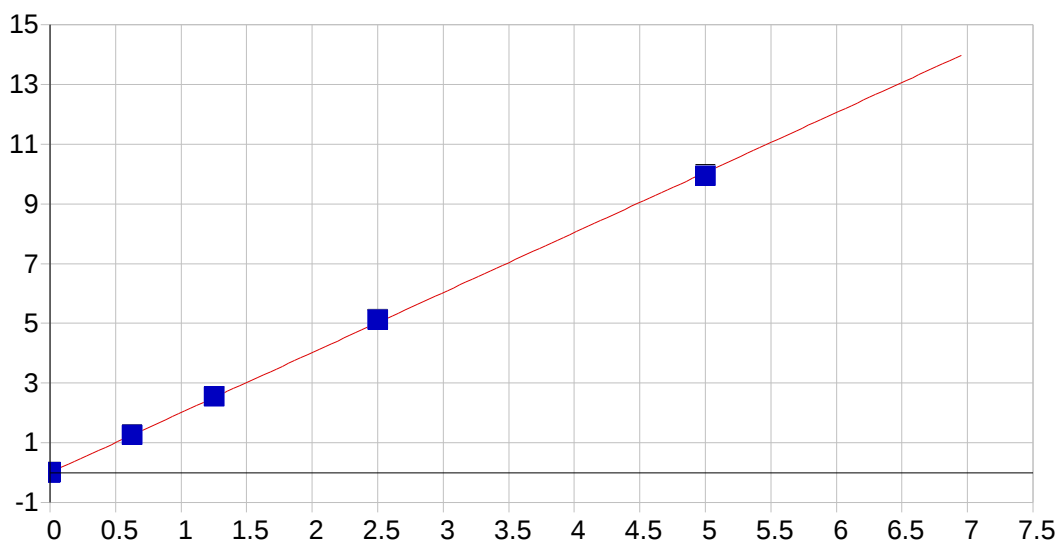


Be 234.861 {144}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001032	Re-Slope: 1.000000
A1 (Gain):	3.212497	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999900	Status: OK.
Std Error of Est:	0.000170	
Predicted MDL:	0.000071	
Predicted MQL:	0.000238	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.00500	.00541	.000	8.15	.01633	.000	1
S2	.12500	.12815	.003	2.52	.40889	.002	1
S3	.25000	.25247	.002	.989	.80653	.002	1
S4	.50000	.50639	.006	1.28	1.6187	.009	1
S5	1.0000	.98758	-.012	-1.24	3.1575	.011	1

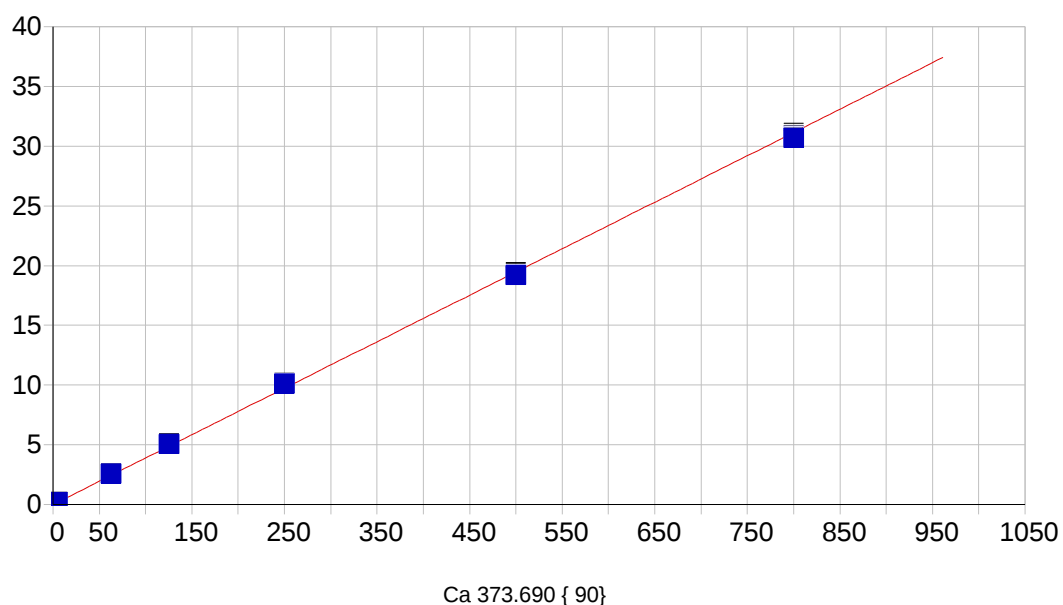


Cd 214.438 {457}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 2.009956 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000222
 Predicted MDL: 0.000083
 Predicted MQL: 0.000278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.00500	.00489	.000	-2.25	.00985	.000	1
S2	.62500	.62694	.002	.311	1.2627	.003	1
S3	1.2500	1.2636	.014	1.09	2.5449	.007	1
S4	2.5000	2.5438	.044	1.75	5.1233	.004	1
S5	5.0000	4.9408	-.059	-1.18	9.9515	.024	1



Date of Fit: 12/21/2017 17:48:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001399

Re-Slope: 1.000000

A1 (Gain): 0.038925

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999708

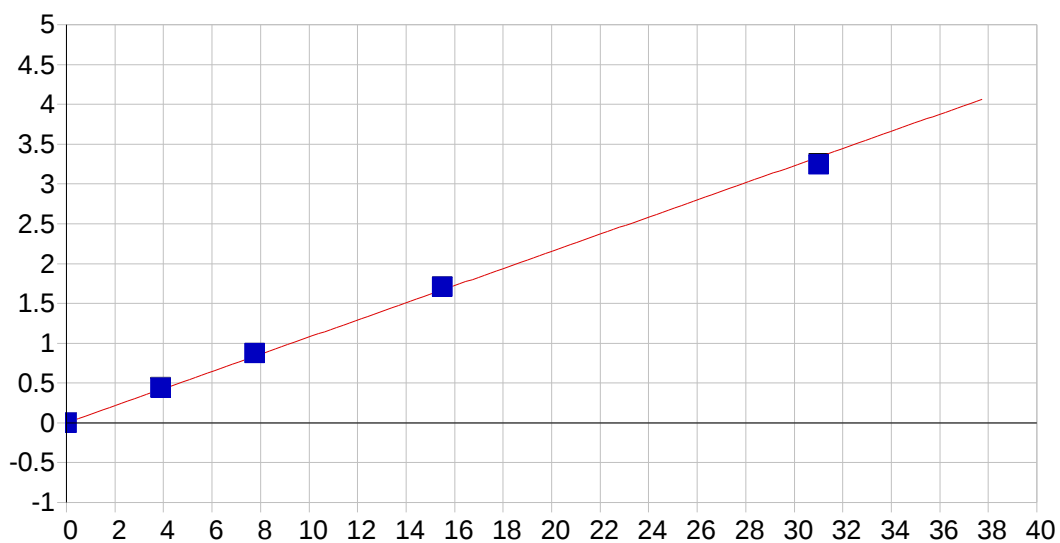
Status: OK.

Std Error of Est: 0.003299

Predicted MDL: 0.009781

Predicted MQL: 0.032603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00068	-.001	.000	.00137	.000	1
S1	5.0000	5.1645	.165	3.29	.20245	.002	1
S2	62.500	65.884	3.38	5.41	2.5746	.019	1
S3	125.00	129.69	4.69	3.76	5.0671	.017	1
S4	250.00	260.07	10.1	4.03	10.159	.010	1
S5	500.00	493.09	-6.91	-1.38	19.264	.181	1
S6	800.00	788.63	-11.4	-1.42	30.883	.223	1

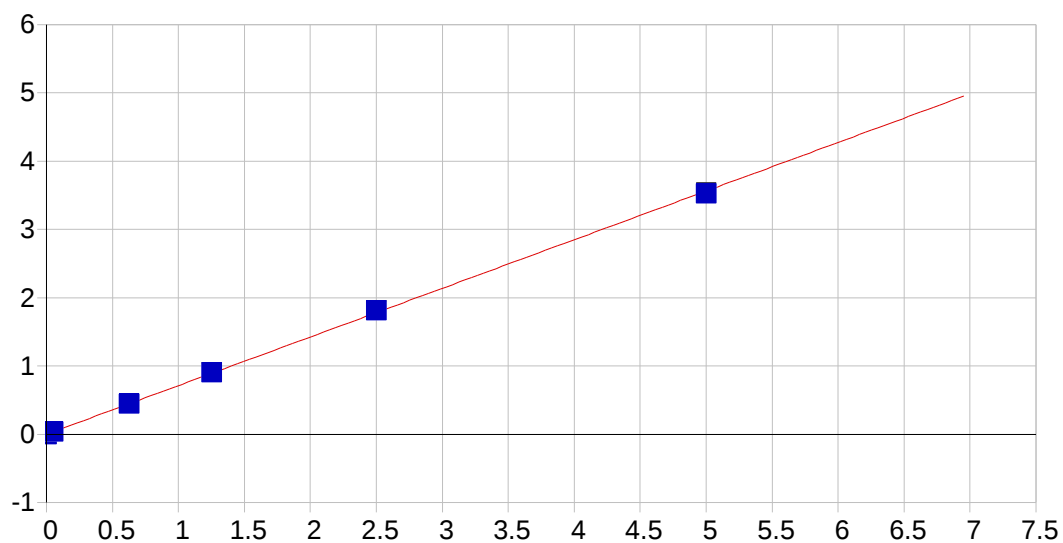


Cr 267.716 {126}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000
 A1 (Gain): 0.107668 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999473 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.000462
 Predicted MQL: 0.001541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01077	.001	7.73	.00118	.000	1
S2	3.8750	4.1092	.234	6.05	.44278	.001	1
S3	7.7500	8.0832	.333	4.30	.87099	.004	1
S4	15.500	15.829	.329	2.12	1.7056	.002	1
S5	31.000	30.103	-.897	-2.89	3.2438	.011	1

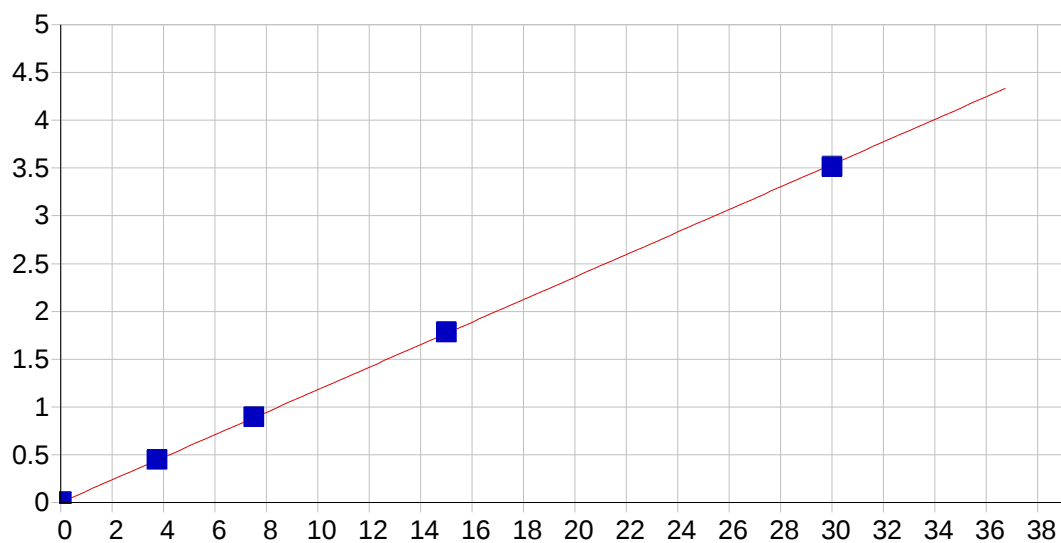


Co 228.616 {448}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.712494 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.000233
 Predicted MQL: 0.000777

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.05000	.04717	-.003	-5.66	.03361	.000	1
S2	.62500	.62653	.002	.245	.44716	.001	1
S3	1.2500	1.2647	.015	1.18	.90273	.001	1
S4	2.5000	2.5389	.039	1.56	1.8124	.002	1
S5	5.0000	4.9477	-.052	-1.05	3.5321	.007	1

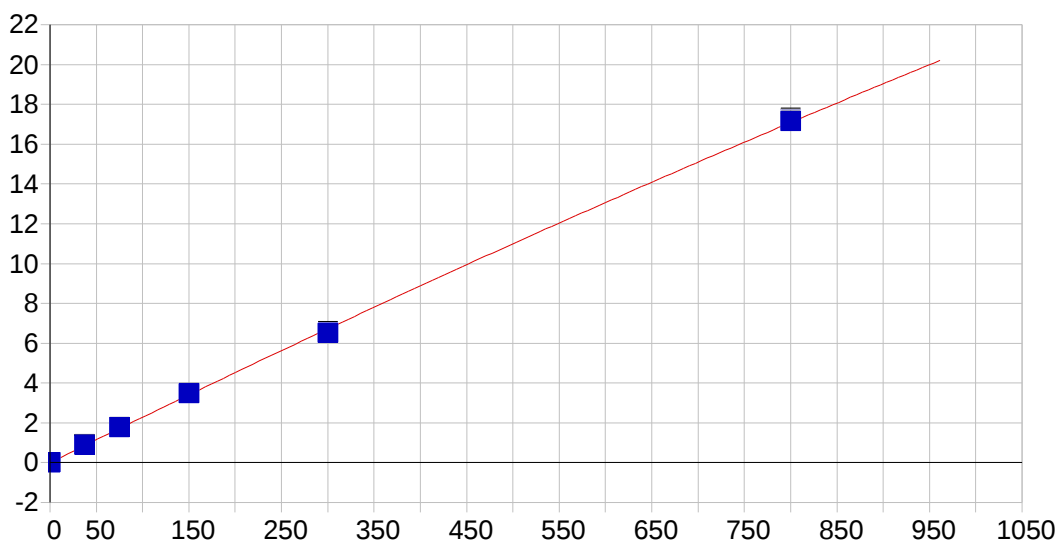


Cu 324.754 {104}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001358 Re-Slope: 1.000000
 A1 (Gain): 0.117872 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.001828
 Predicted MQL: 0.006092

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00136	.000	1
S1	.02500	.02740	.002	9.61	.00458	.000	1
S2	3.7500	3.7882	.038	1.02	.44760	.001	1
S3	7.5000	7.5782	.078	1.04	.89407	.002	1
S4	15.000	15.082	.082	.544	1.7780	.009	1
S5	30.000	29.800	-.200	-.668	3.5117	.005	1

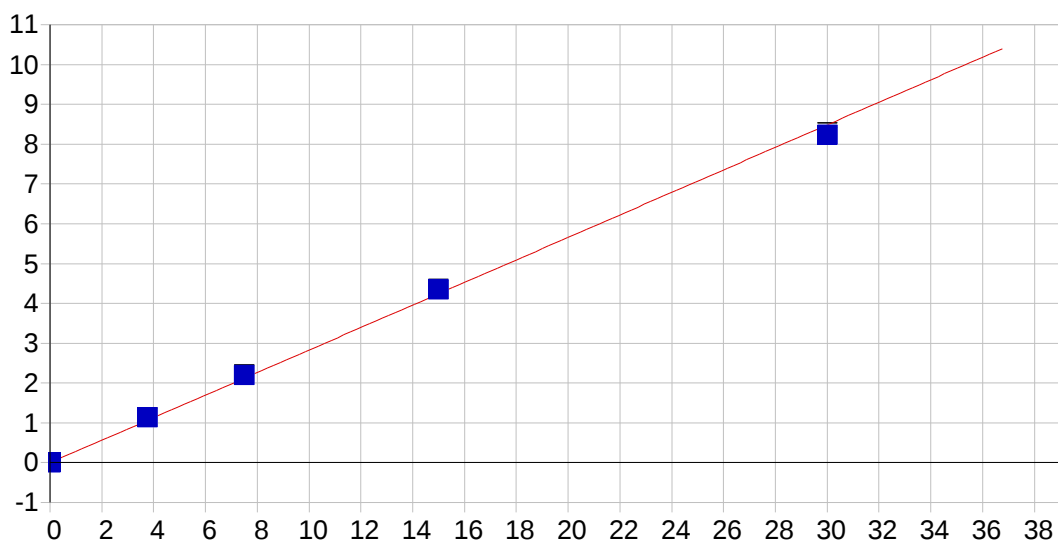


Fe 259.837 {130}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.023039 Y-int: 0.000000
 A2 (Curvature): -0.000002
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.000210
 Predicted MDL: 0.006232
 Predicted MQL: 0.020772

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00003	.000	1
S1	.10000	.11284	.013	12.8	.00268	.000	1
S2	37.500	39.298	1.80	4.79	.90680	.006	1
S3	75.000	76.995	2.00	2.66	1.7707	.006	1
S4	150.00	152.80	2.80	1.87	3.4898	.006	1
S5	300.00	290.35	-9.65	-3.22	6.5489	.037	1
S6	800.00	803.10	3.10	.388	17.229	.079	1

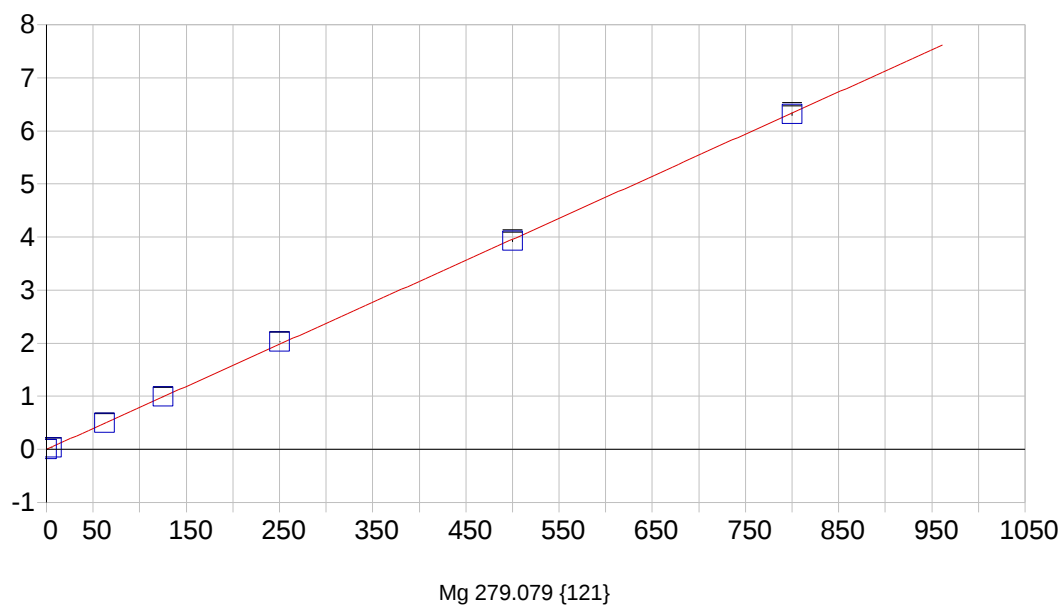


Mn 257.610 {131}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.282848 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999435 Status: OK.
 Std Error of Est: 0.000338
 Predicted MDL: 0.000445
 Predicted MQL: 0.001483

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01500	.01675	.002	11.7	.00466	.000	1
S2	3.7500	3.9909	.241	6.43	1.1290	.006	1
S3	7.5000	7.7806	.281	3.74	2.2011	.007	1
S4	15.000	15.386	.386	2.57	4.3528	.006	1
S5	30.000	29.091	-.909	-3.03	8.2301	.054	1



Date of Fit: 12/21/2017 17:48:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000158

Re-Slope: 1.000000

A1 (Gain): 0.007918

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999942

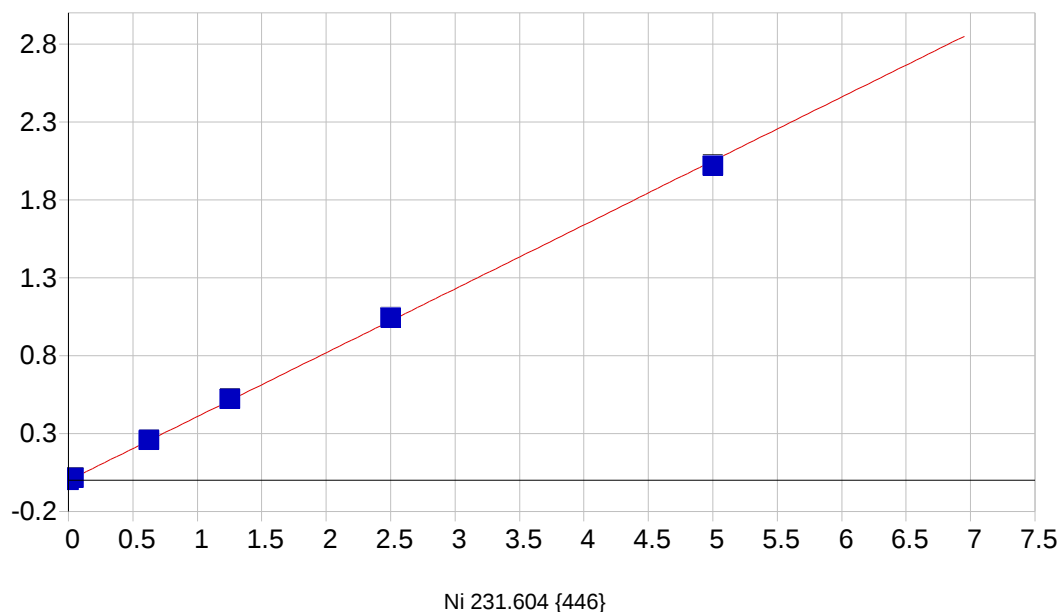
Status: OK.

Std Error of Est: 0.000299

Predicted MDL: 0.021056

Predicted MQL: 0.070186

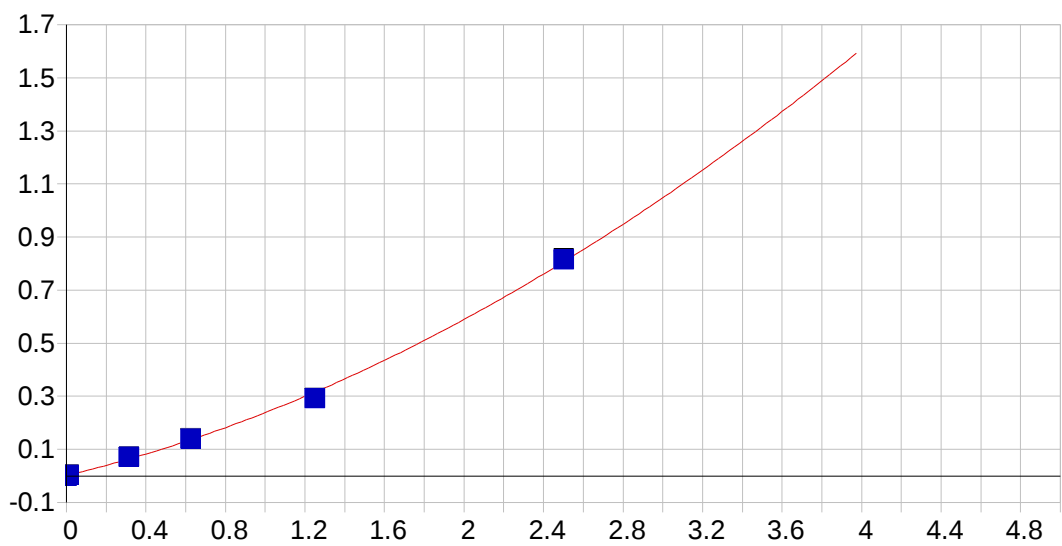
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	-.00016	.000	1
S1	5.0000	4.8269	-.173	-3.46	.03806	.000	1
S2	62.500	62.432	-.068	-.109	.49418	.003	1
S3	125.00	125.01	.013	.011	.98969	.002	1
S4	250.00	256.36	6.36	2.54	2.0297	.003	1
S5	500.00	496.22	-3.78	-.757	3.9289	.025	1
S6	800.00	797.65	-2.35	-.293	6.3156	.028	1



Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000851 Re-Slope: 1.000000
 A1 (Gain): 0.409993 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.000416
 Predicted MQL: 0.001386

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00085	.000	1
S1	.04000	.03923	-.001	-1.94	.01524	.000	1
S2	.62500	.63421	.009	1.47	.25970	.001	1
S3	1.2500	1.2718	.022	1.75	.52164	.001	1
S4	2.5000	2.5457	.046	1.83	1.0450	.000	1
S5	5.0000	4.9241	-.076	-1.52	2.0222	.003	1

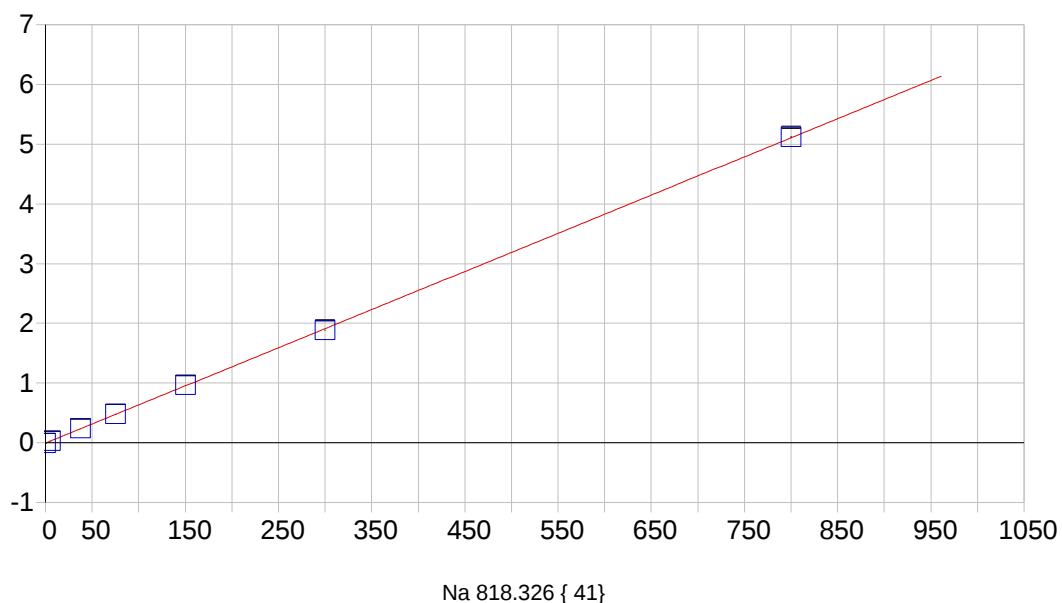


Ag 328.068 {103}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000043 Re-Slope: 1.000000
 A1 (Gain): 0.157020 Y-int: 0.000000
 A2 (Curvature): 0.081684
 n (Exponent): 0.920000
 Correlation: 0.999072 Status: Warning Positive Curvature
 Std Error of Est: 0.000145
 Predicted MDL: 0.000522
 Predicted MQL: 0.001740

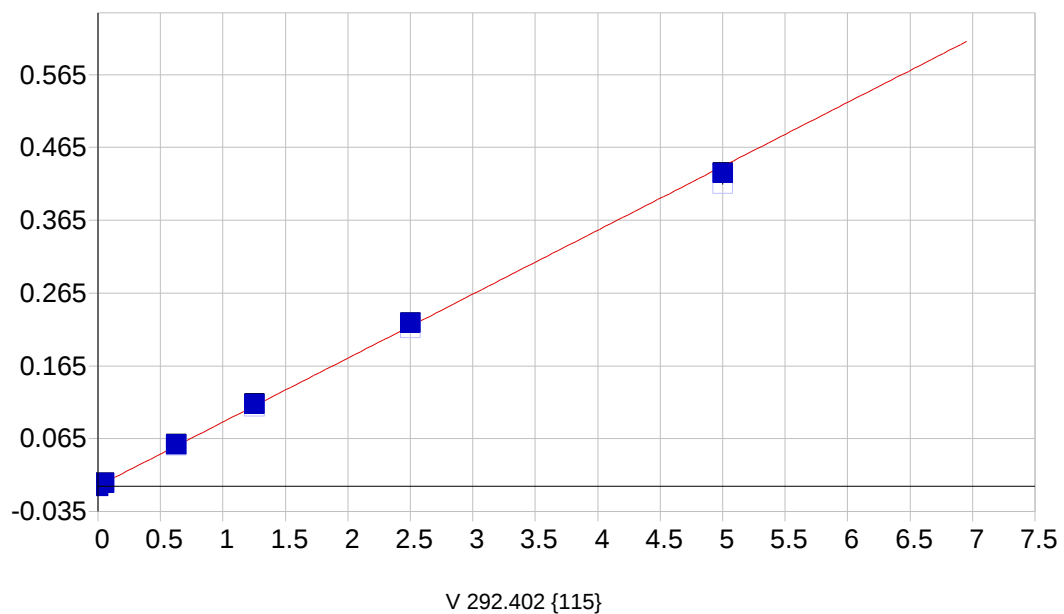
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.01092	.001	9.22	.00243	.000	1
S2	.31250	.34841	.036	11.5	.07088	.000	1
S3	.62500	.64207	.017	2.73	.13989	.001	1
S4	1.2500	1.1769	-.073	-5.85	.29125	.000	1
S5	2.5000	2.5224	.022	.898	.81331	.004	1



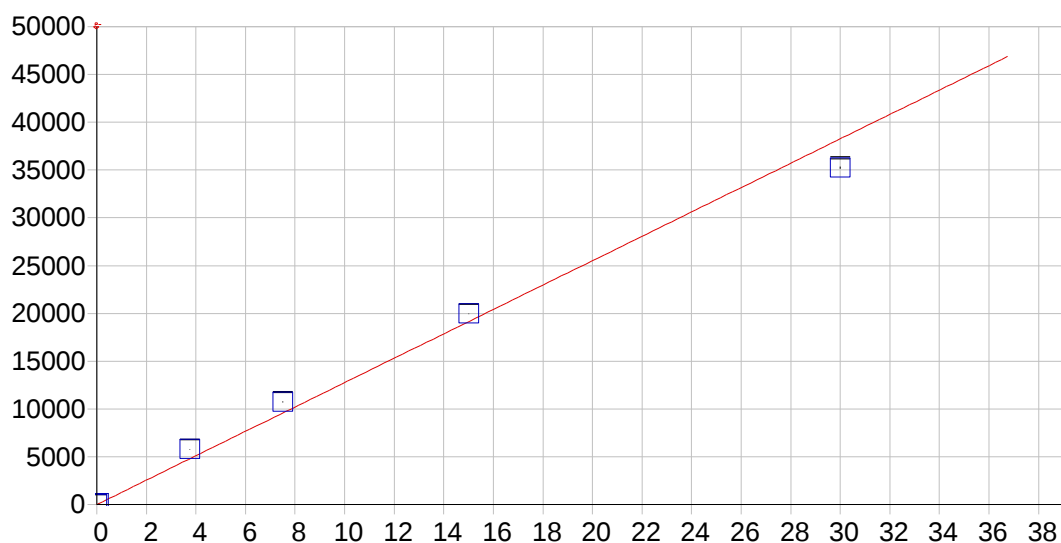
Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005425 Re-Slope: 1.000000
 A1 (Gain): 0.006388 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000157
 Predicted MDL: 0.148434
 Predicted MQL: 0.494781

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00542	.001	1
S1	5.0000	4.9248	-.075	-1.50	.02604	.000	1
S2	37.500	37.716	.216	.576	.23551	.001	1
S3	75.000	75.216	.216	.288	.47507	.000	1
S4	150.00	151.71	1.71	1.14	.96375	.005	1
S5	300.00	295.81	-4.19	-1.40	1.8843	.008	1
S6	800.00	802.12	2.12	.265	5.1187	.021	1



Date of Fit:		12/21/2017 17:48:49		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		0.000032		Re-Slope:		1.000000		
A1 (Gain):		0.087823		Y-int:		0.000000		
A2 (Curvature):		0.000000						
n (Exponent):		1.000000						
Correlation:		0.999705		Status:	OK.			
Std Error of Est:		0.000055						
Predicted MDL:		0.002128						
Predicted MQL:		0.007092						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis	
S0	.00000	.00000	.000	.000	.00003	.000	1	
S1	.05000	.05041	.000	.821	.00445	.000	1	
S2	.62500	.65138	.026	4.22	.05543	.000	1	
S3	1.2500	1.2812	.031	2.49	.10893	.001	1	
S4	2.5000	2.5497	.050	1.99	.21672	.001	1	
S5	5.0000	4.8923	-.108	-2.15	.41521	.001	1	

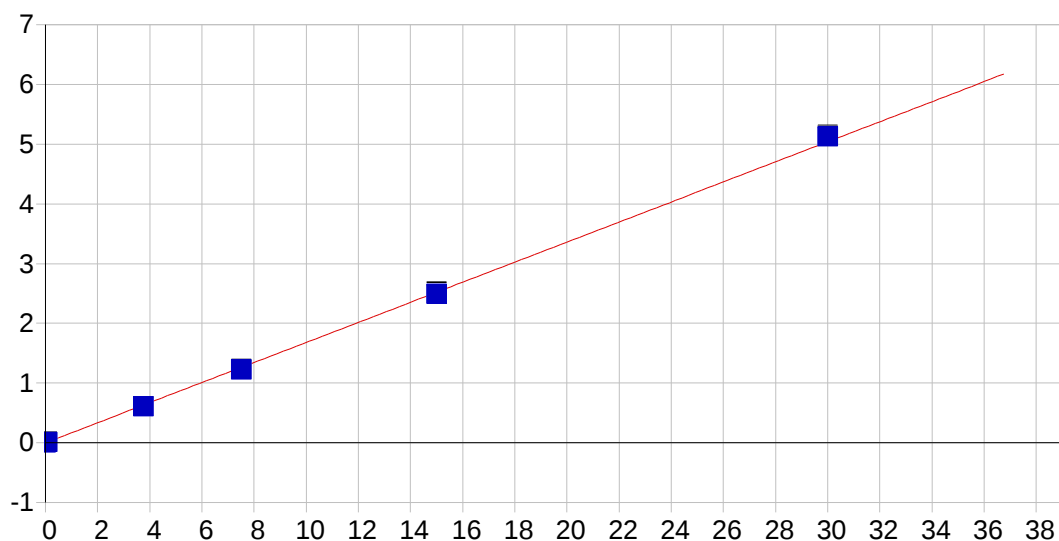


Zn 206.200 {464}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.811329 Re-Slope: 1.000000
 A1 (Gain): 1275.490754 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.995549 Status: OK.
 Std Error of Est: 8.591131
 Predicted MDL: 0.000405
 Predicted MQL: 0.001349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.76039	.371	1
S1	.06000	.08212	.022	36.9	105.56	.739	1
S2	3.7500	4.5355	.785	20.9	5785.8	30.8	1
S3	7.5000	8.4279	.928	12.4	10750.	53.0	1
S4	15.000	15.647	.647	4.31	19958.	27.8	1
S5	30.000	27.618	-2.38	-7.94	35227.	113.	1

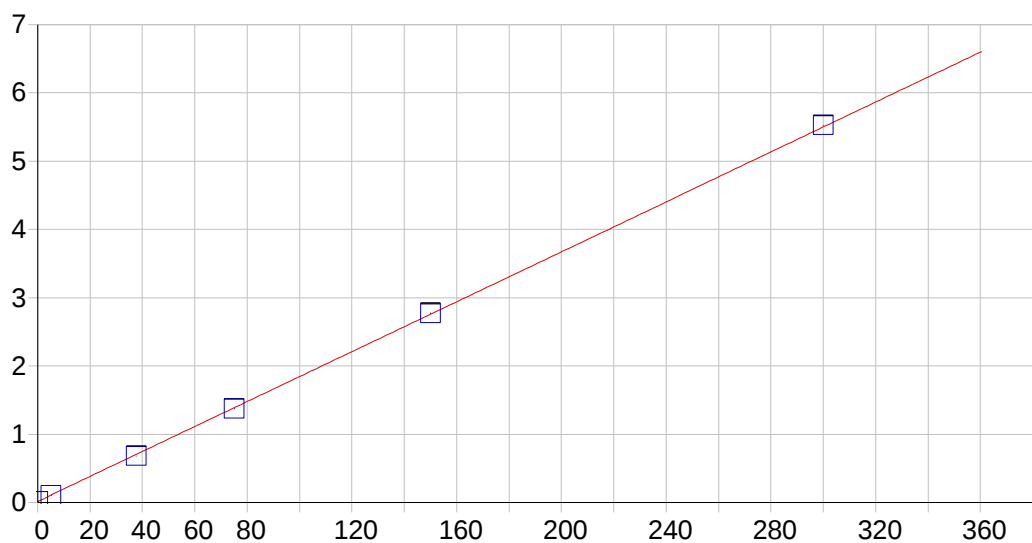


Zn 213.856 {158}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000169	Re-Slope: 1.000000
A1 (Gain):	0.167985	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999810	Status: OK.
Std Error of Est:	0.000233	
Predicted MDL:	0.002944	
Predicted MQL:	0.009813	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.06000	.06036	.000	.599	.01000	.000	1
S2	3.7500	3.6026	-.147	-3.93	.60672	.004	1
S3	7.5000	7.2917	-.208	-2.78	1.2281	.007	1
S4	15.000	14.852	-.148	-.987	2.5015	.027	1
S5	30.000	30.503	.503	1.68	5.1376	.013	1

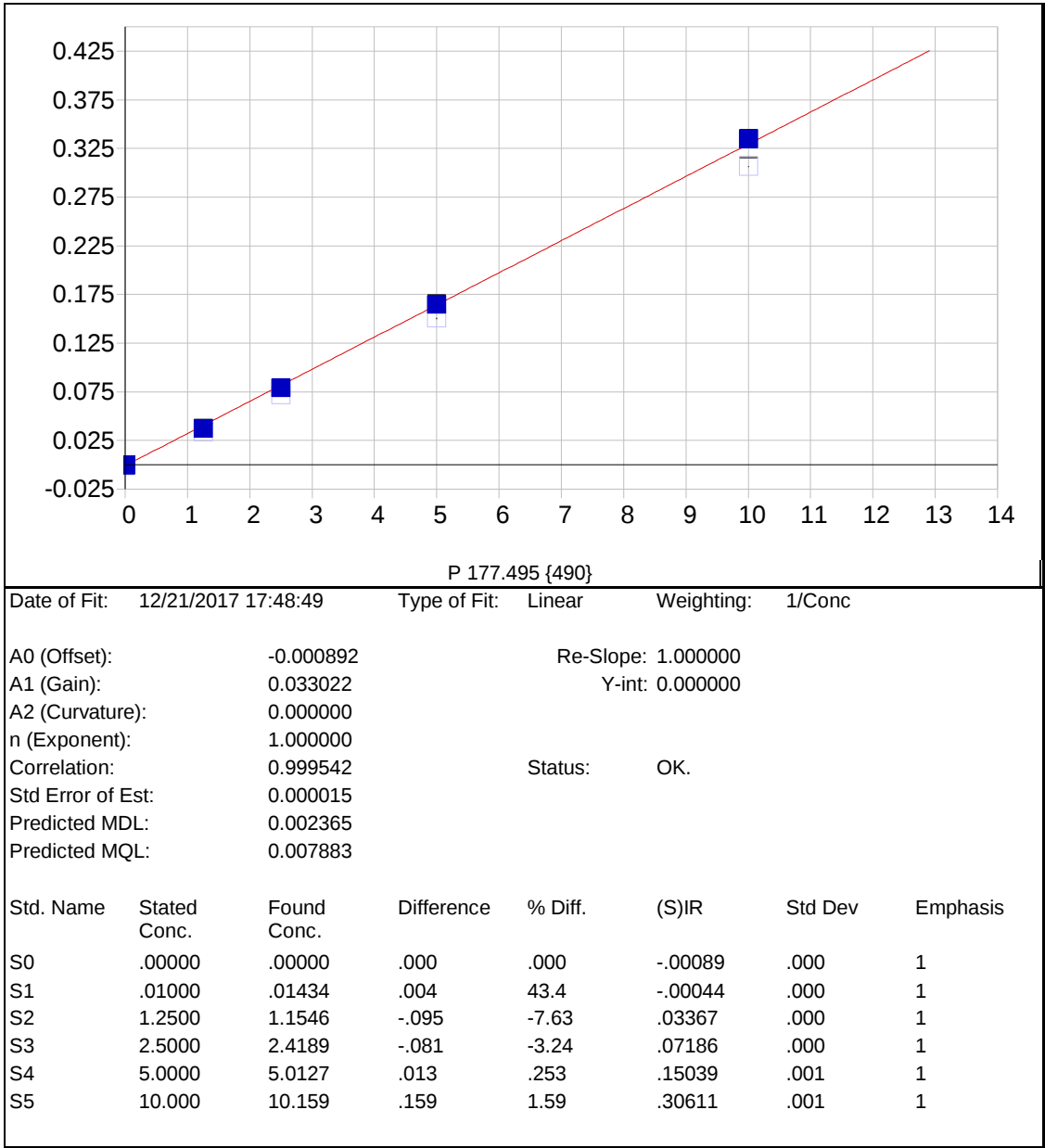


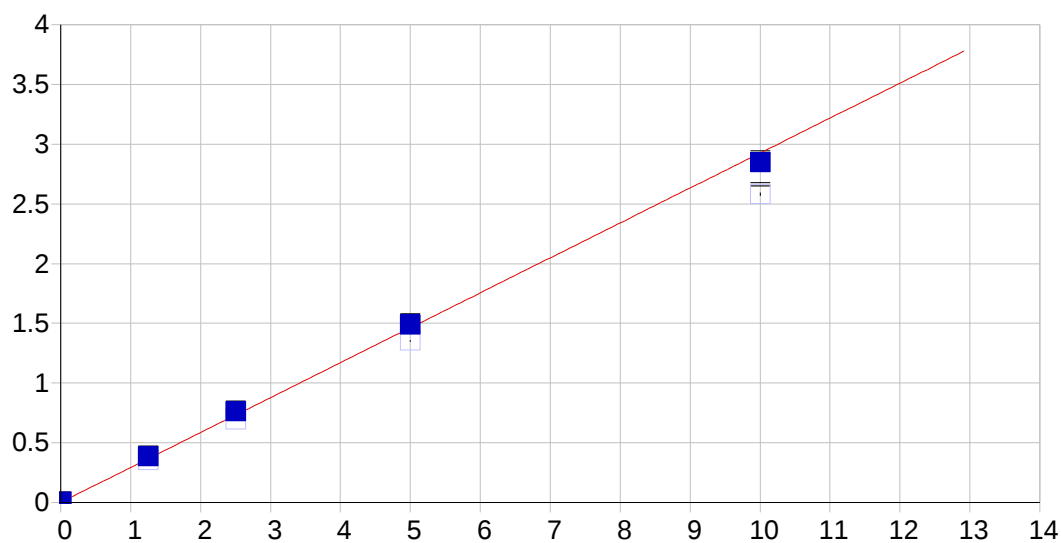
K 769.896 { 44}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015982 Re-Slope: 1.000000
 A1 (Gain): 0.018282 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000428
 Predicted MDL: 0.043125
 Predicted MQL: 0.143750

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00043	.000	.000	.01599	.000	1
S1	5.0000	4.7273	-.273	-5.45	.10241	.001	1
S2	37.500	36.344	-1.16	-3.08	.68042	.001	1
S3	75.000	74.115	-.885	-1.18	1.3710	.000	1
S4	150.00	150.88	.877	.585	2.7743	.008	1
S5	300.00	301.44	1.44	.479	5.5269	.005	1



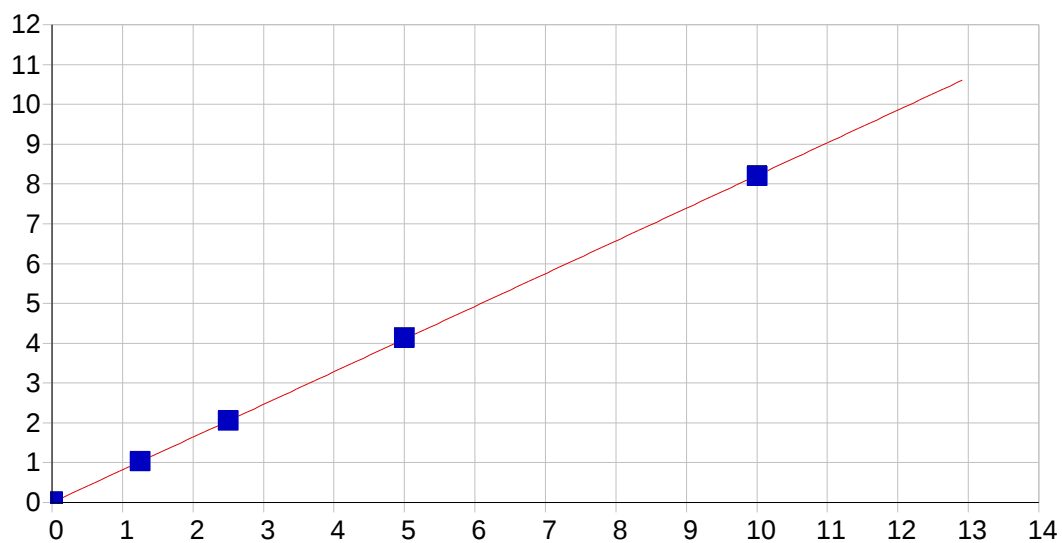


B 249.678 {135}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000598 Re-Slope: 1.000000
 A1 (Gain): 0.292493 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999460 Status: OK.
 Std Error of Est: 0.000146
 Predicted MDL: 0.000882
 Predicted MQL: 0.002939

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.01000	.01045	.000	4.48	.00358	.000	1
S2	1.2500	1.3203	.070	5.62	.35310	.002	1
S3	2.5000	2.6048	.105	4.19	.69514	.003	1
S4	5.0000	5.0864	.086	1.73	1.3536	.008	1
S5	10.000	9.7380	-.262	-2.62	2.5795	.013	1

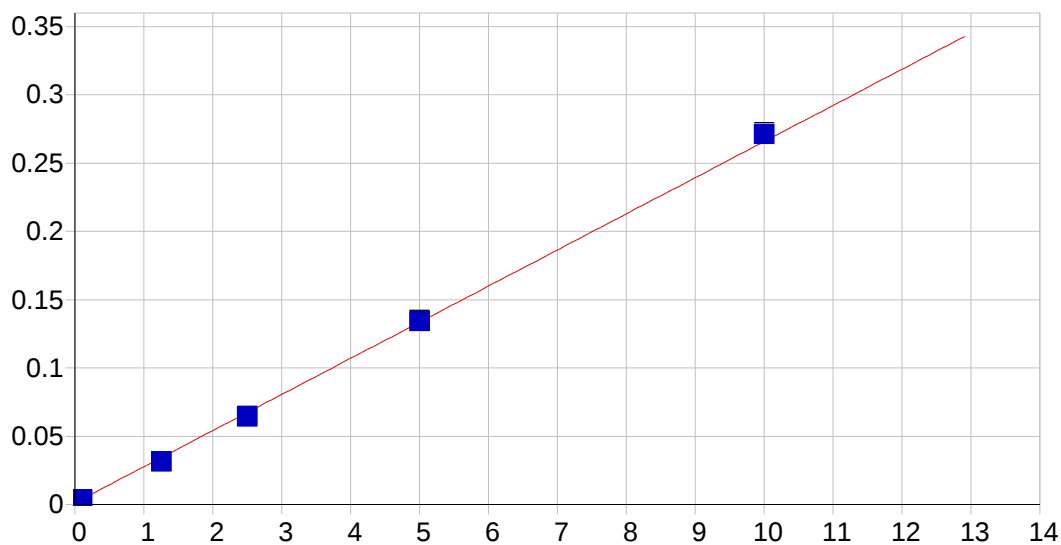


Mo 202.030 {467}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.821220 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.000246
 Predicted MQL: 0.000821

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.01016	.000	1.56	.00846	.000	1
S2	1.2500	1.2557	.006	.456	1.0313	.001	1
S3	2.5000	2.4918	-.008	-.330	2.0463	.005	1
S4	5.0000	5.0266	.027	.532	4.1279	.012	1
S5	10.000	9.9758	-.024	-.242	8.1921	.025	1

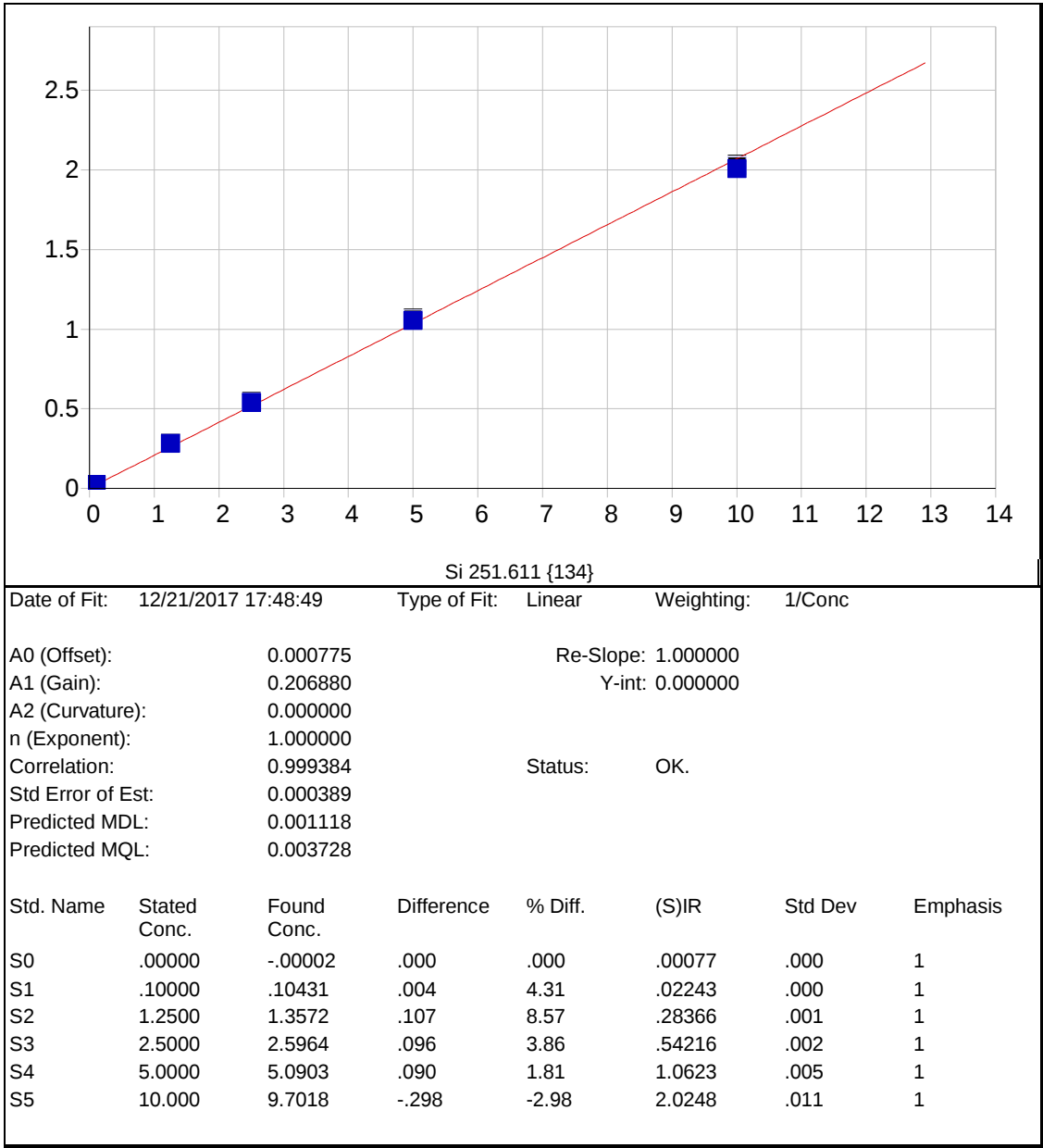


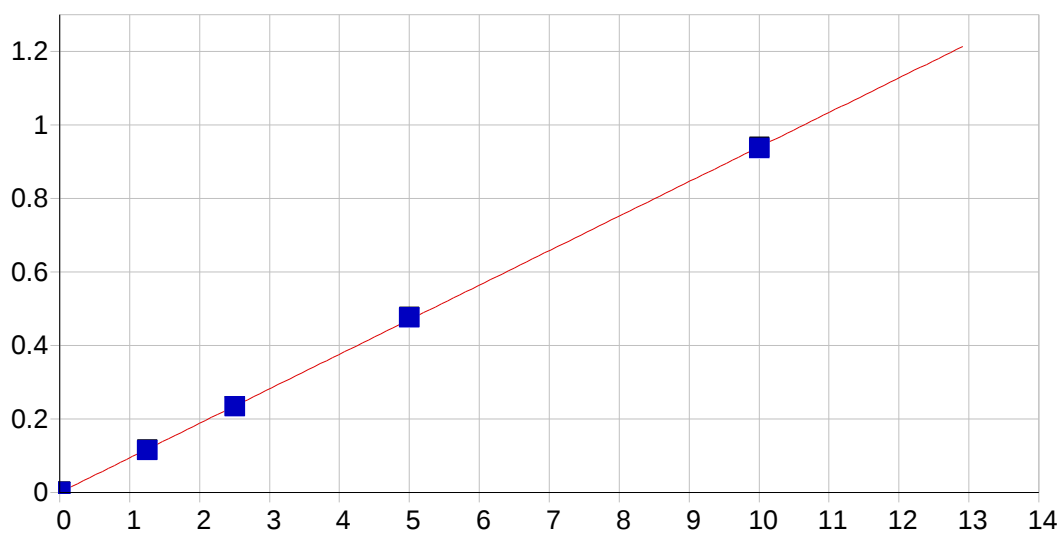
S 182.034 {485}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001190 Re-Slope: 1.000000
 A1 (Gain): 0.026465 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999438 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.003440
 Predicted MQL: 0.011467

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00119	.000	1
S1	.10000	.08612	-.014	-13.9	.00347	.000	1
S2	1.2500	1.1391	-.111	-8.87	.03135	.000	1
S3	2.5000	2.3887	-.111	-4.45	.06443	.000	1
S4	5.0000	5.0278	.028	.556	.13430	.001	1
S5	10.000	10.208	.208	2.08	.27145	.001	1



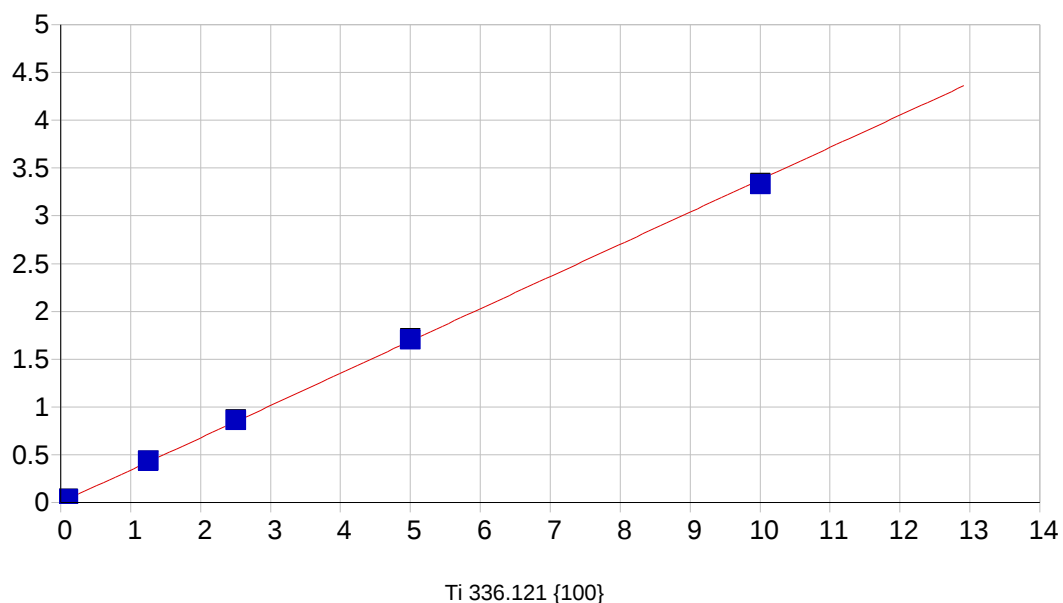


Sn 189.989 {478}

Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000159 Re-Slope: 1.000000
 A1 (Gain): 0.093975 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.000972
 Predicted MQL: 0.003239

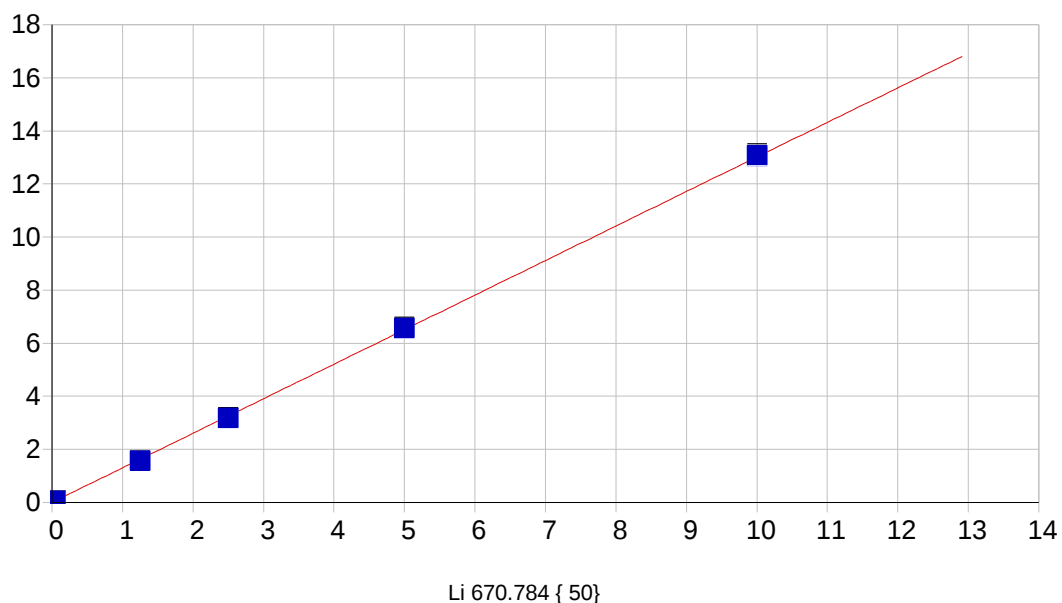
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00700	.00636	-.001	-9.10	.00073	.000	1
S2	1.2500	1.2290	-.021	-1.68	.11540	.000	1
S3	2.5000	2.4873	-.013	-.509	.23338	.000	1
S4	5.0000	5.0639	.064	1.28	.47500	.001	1
S5	10.000	9.9704	-.030	-.296	.93505	.003	1



Date of Fit: 12/21/2017 17:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001396 Re-Slope: 1.000000
 A1 (Gain): 0.337607 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000276
 Predicted MDL: 0.000809
 Predicted MQL: 0.002696

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00139	.000	1
S1	.10000	.09921	-.001	-.785	.03488	.000	1
S2	1.2500	1.2835	.034	2.68	.43457	.002	1
S3	2.5000	2.5532	.053	2.13	.86306	.002	1
S4	5.0000	5.0517	.052	1.03	1.7062	.009	1
S5	10.000	9.8623	-.138	-1.38	3.3297	.010	1

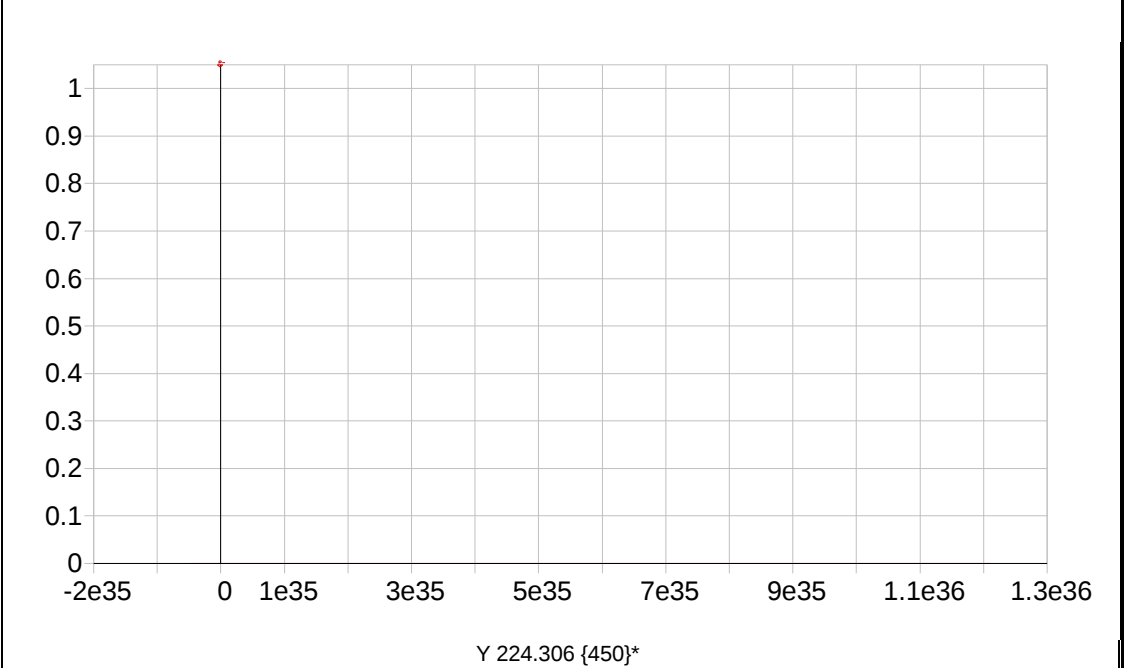


Date of Fit:		12/21/2017 17:48:49		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		0.005100		Re-Slope:		1.000000					
A1 (Gain):		1.301184		Y-int:		0.000000					
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.999906		Status:		OK.					
Std Error of Est:		0.000666									
Predicted MDL:		0.000747									
Predicted MQL:		0.002489									
Std. Name		Stated	Found	Difference	% Diff.	(S)IR	Std Dev		Emphasis		
		Conc.	Conc.								
S0		.00000	.00001	.000	.000	.00511	.001		1		
S5		10.000	10.053	.053	.533	13.013	.067		1		
S4		5.0000	5.0457	.046	.914	6.5339	.047		1		
S3		2.5000	2.4446	-.055	-2.22	3.1677	.012		1		
S2		1.2500	1.2105	-.040	-3.16	1.5710	.009		1		
S1		.05000	.04598	-.004	-8.04	.06480	.001		1		

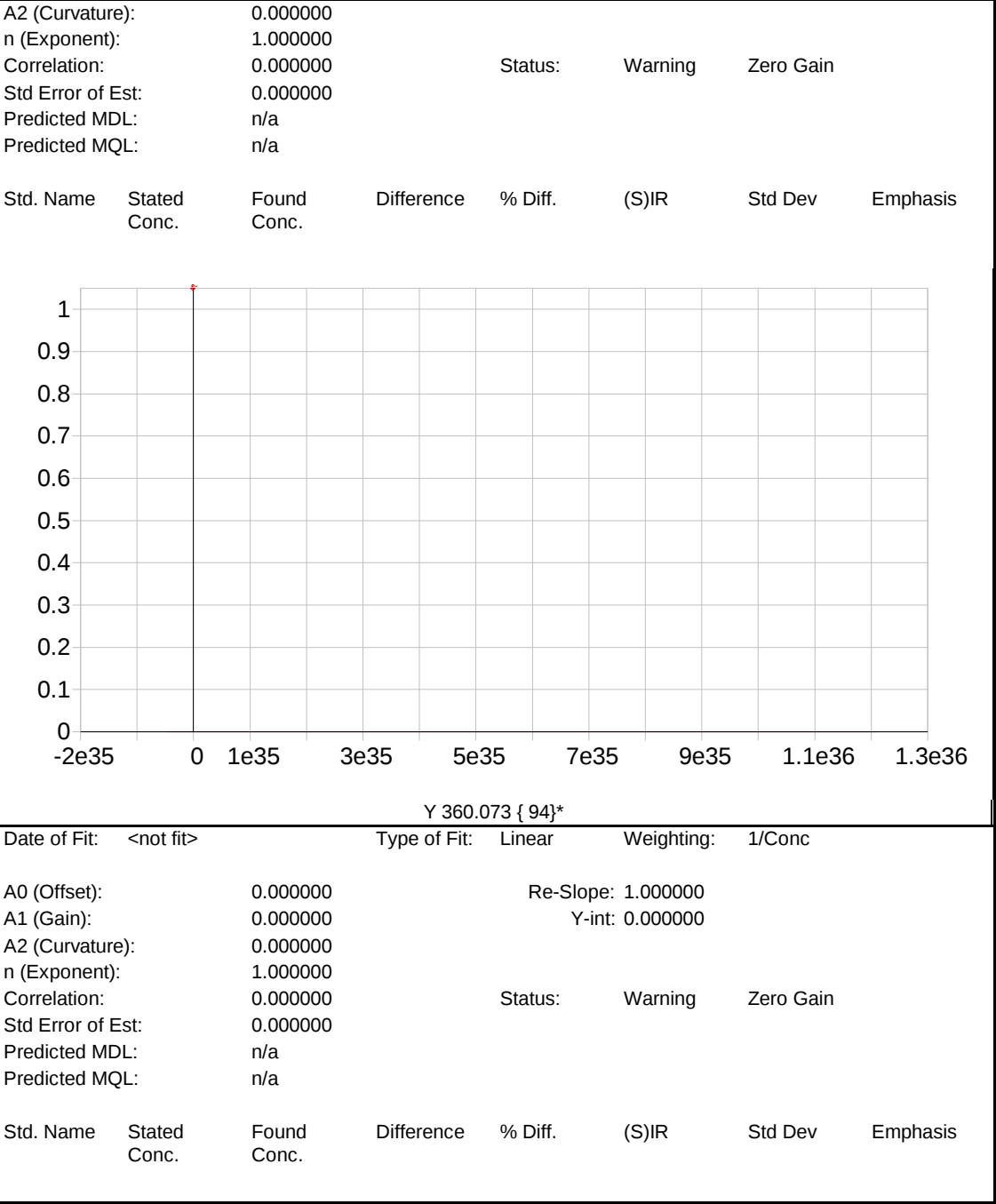


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000

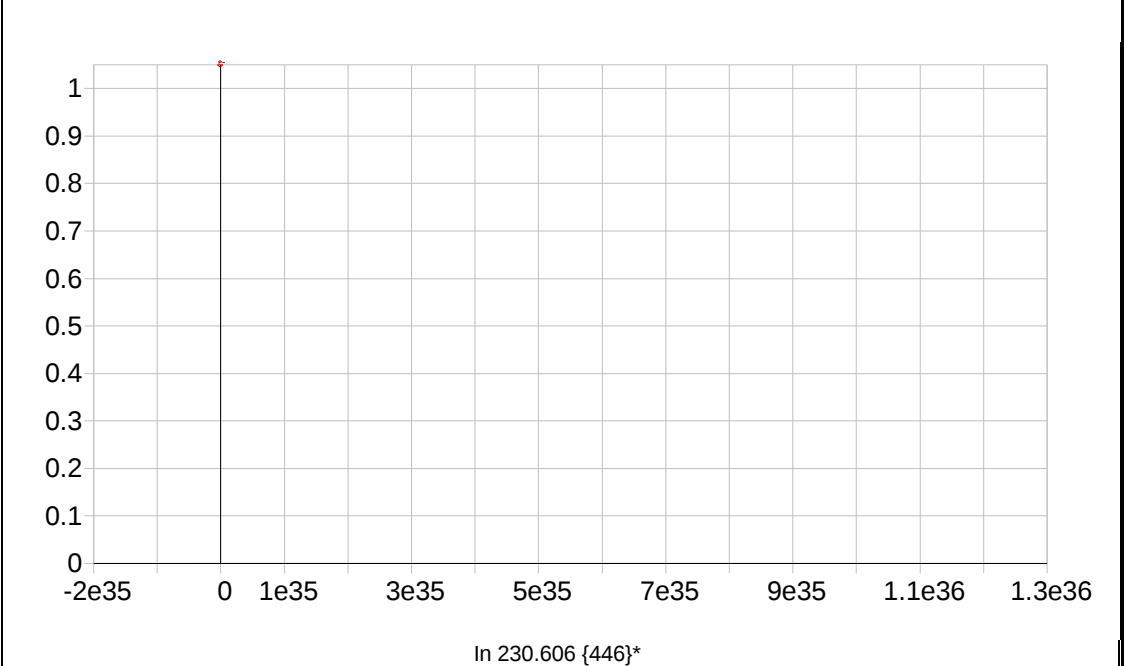




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

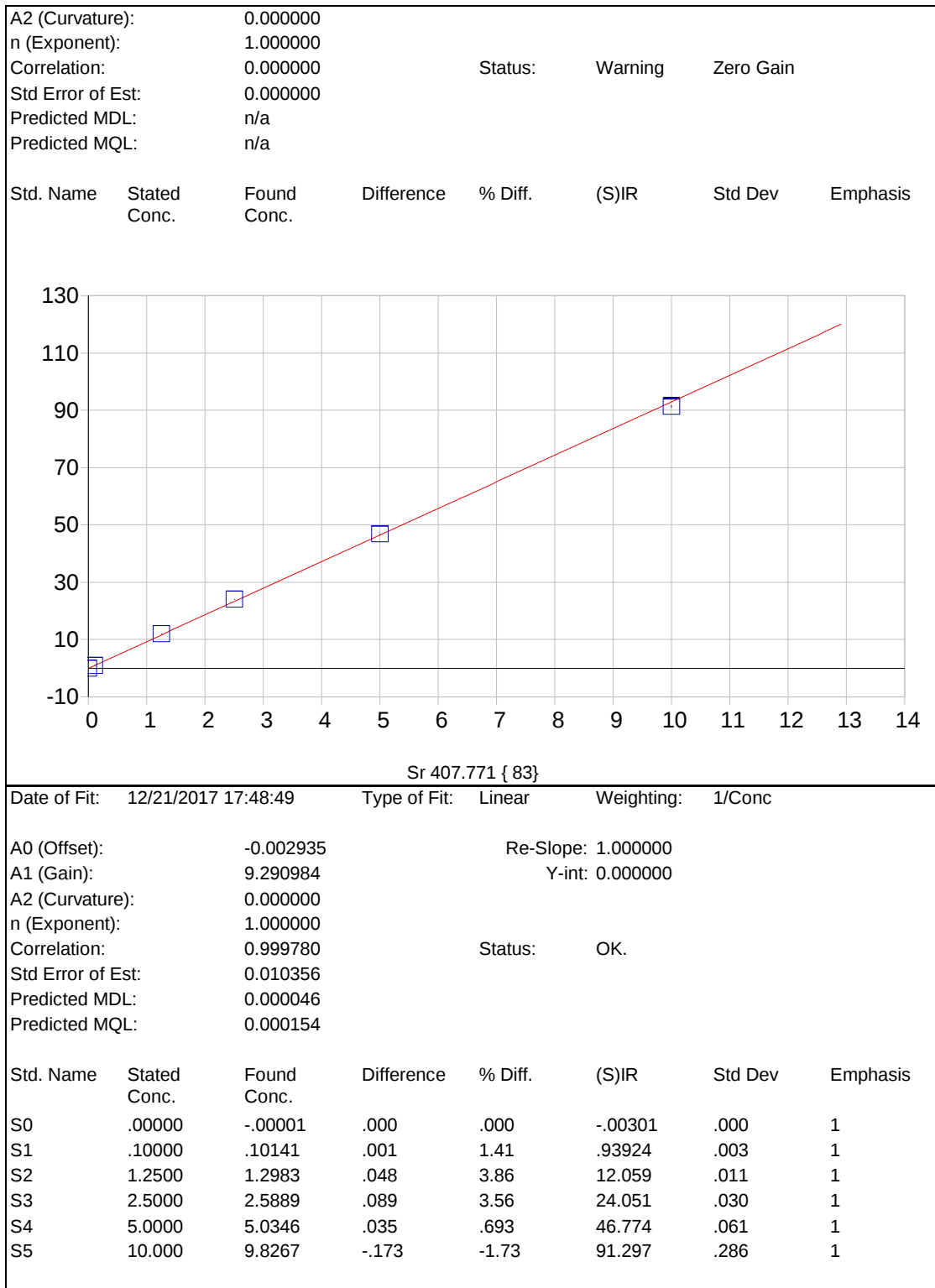
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000



Sample Name: S0 Acquired: 12/21/2017 16:29:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00012	-.00022	-.00032	.00009	.00032	-.00071	-.01363	-.00103
Stddev	.00006	.00010	.00018	.00008	.00018	.00023	.00020	.00019
%RSD	44.407	48.294	56.803	91.341	56.317	32.810	1.4305	18.699

#1	-.00006	-.00023	-.00013	.00016	.00038	-.00095	-.01375	-.00093
#2	-.00017	-.00031	-.00035	.00000	.00047	-.00048	-.01374	-.00126
#3	-.00014	-.00011	-.00049	.00012	.00012	-.00072	-.01341	-.00092

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00002	.00137	.00002	-.00012	.00136	.00003	-.00008	-.00016
Stddev	.00004	.00031	.00002	.00015	.00014	.00016	.00005	.00008
%RSD	195.54	22.330	117.28	117.07	10.100	526.00	60.487	51.732

#1	.00001	.00105	.00000	-.00027	.00152	.00015	-.00013	-.00015
#2	-.00001	.00140	.00002	-.00012	.00130	-.00014	-.00007	-.00008
#3	.00006	.00166	.00003	.00002	.00126	.00008	-.00003	-.00024

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00085	-.00004	-.00542	.00003	-.00017	.01599	-.00089	.00060
Stddev	.00003	.00003	.00117	.00008	.00039	.00041	.00006	.00027
%RSD	3.9863	80.866	21.641	238.22	233.89	2.5723	6.3440	45.294

#1	-.00081	-.00007	-.00504	.00007	-.00055	.01643	-.00091	.00047
#2	-.00086	-.00006	-.00674	-.00006	.00024	.01562	-.00083	.00042
#3	-.00088	.00000	-.00449	.00008	-.00019	.01591	-.00094	.00091

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00013	.00119	.00077	.00016	.00139	.00511	-.00301	
Stddev	.00004	.00002	.00018	.00011	.00014	.00114	.00020	
%RSD	32.122	1.4855	23.266	67.820	10.108	22.394	6.7348	

#1	.00014	.00117	.00097	.00020	.00151	.00448	-.00321	
#2	.00008	.00120	.00062	.00024	.00124	.00441	-.00300	
#3	.00016	.00120	.00072	.00004	.00144	.00643	-.00281	

Sample Name: S0 Acquired: 12/21/2017 16:29:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.8	2675.5	60762.	10375.	4243.4
Stddev	30.0	21.4	357.	40.	21.5
%RSD	1.5828	.79929	.58777	.38212	.50610
#1	1868.2	2651.2	60369.	10351.	4219.9
#2	1891.5	2683.7	60850.	10352.	4248.2
#3	1927.7	2691.6	61066.	10420.	4262.0

Sample Name: S1 Acquired: 12/21/2017 16:33:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00017	.00102	.00134	.00245	.00793	.01555	.78583	.01633
Stddev	.00009	.00010	.00017	.00014	.00020	.00032	.00171	.00011
%RSD	52.455	9.9659	12.791	5.7185	2.5328	2.0866	.21793	.69856

#1	.00016	.00090	.00116	.00258	.00787	.01591	.78777	.01631
#2	.00027	.00104	.00136	.00246	.00815	.01528	.78453	.01645
#3	.00009	.00110	.00150	.00230	.00777	.01545	.78520	.01622

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00985	.20245	.00118	.03361	.00458	.00268	.00466	.03806
Stddev	.00018	.00204	.00003	.00035	.00011	.00012	.00011	.00030
%RSD	1.8492	1.0097	2.7139	1.0388	2.4943	4.5632	2.3247	.79596

#1	.00996	.20083	.00114	.03364	.00467	.00272	.00458	.03784
#2	.00964	.20178	.00119	.03325	.00463	.00254	.00479	.03794
#3	.00995	.20475	.00120	.03395	.00445	.00277	.00462	.03841

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01524	.00243	.02604	.00445	.01000	.10241	-.00044	.00358
Stddev	.00022	.00002	.00015	.00006	.00045	.00083	.00004	.00018
%RSD	1.4713	.87777	.58142	1.2848	4.4814	.80792	8.1458	5.1454

#1	.01502	.00240	.02618	.00440	.00965	.10173	-.00042	.00344
#2	.01547	.00245	.02605	.00445	.01051	.10217	-.00048	.00379
#3	.01524	.00244	.02588	.00451	.00986	.10333	-.00042	.00351

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00846	.00347	.02243	.00073	.03488	.06480	.93924	
Stddev	.00007	.00002	.00034	.00015	.00013	.00077	.00332	
%RSD	.77950	.52036	1.5183	20.569	.35912	1.1851	.35332	

#1	.00839	.00345	.02225	.00090	.03481	.06509	.93609	
#2	.00851	.00349	.02221	.00067	.03481	.06393	.93893	
#3	.00849	.00346	.02282	.00062	.03503	.06538	.94271	

Sample Name: S1 Acquired: 12/21/2017 16:33:31 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.7	2632.0	58937.	10199.	4050.6
Stddev	9.2	15.1	253.	57.	11.9
%RSD	.49749	.57317	.42904	.55906	.29262
#1	1845.4	2616.7	58761.	10193.	4038.5
#2	1858.3	2632.4	58823.	10259.	4051.2
#3	1863.4	2646.9	59227.	10146.	4062.2

Sample Name: S2 Acquired: 12/21/2017 16:37:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03797	.05838	.94563	.07857	.16557	3.0569	10.103	.40889
Stddev	.00008	.00011	.00208	.00008	.00036	.0065	.038	.00209
%RSD	.20068	.18695	.21984	.10743	.21821	.21362	.37283	.51079

#1	.03804	.05826	.94408	.07851	.16588	3.0512	10.144	.40658
#2	.03797	.05846	.94482	.07853	.16517	3.0554	10.070	.40943
#3	.03789	.05843	.94799	.07866	.16565	3.0640	10.094	.41065

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2627	2.5746	.44278	.44716	.44760	.90680	1.1290	.49418
Stddev	.0034	.0187	.00082	.00078	.00098	.00568	.0064	.00266
%RSD	.27066	.72737	.18548	.17500	.21798	.62652	.56839	.53829

#1	1.2593	2.5622	.44184	.44635	.44778	.90233	1.1242	.49230
#2	1.2627	2.5655	.44317	.44720	.44655	.90489	1.1265	.49301
#3	1.2662	2.5961	.44334	.44792	.44848	.91319	1.1363	.49722

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.25970	.07088	.23551	.05543	.60672	.68042	.03367	.35310
Stddev	.00078	.00043	.00115	.00038	.00443	.00137	.00010	.00160
%RSD	.30111	.60148	.49013	.68898	.72998	.20105	.30149	.45430

#1	.25882	.07130	.23424	.05527	.60294	.67896	.03368	.35267
#2	.25993	.07044	.23650	.05515	.60563	.68065	.03377	.35175
#3	.26034	.07091	.23580	.05586	.61159	.68166	.03357	.35487

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.0313	.03135	.28366	.11540	.43457	1.5710	12.059	
Stddev	.0012	.00010	.00137	.00025	.00249	.0089	.011	
%RSD	.11529	.33011	.48384	.21434	.57258	.56871	.09353	

#1	1.0319	.03138	.28305	.11543	.43580	1.5811	12.058	
#2	1.0321	.03143	.28271	.11562	.43171	1.5640	12.049	
#3	1.0299	.03123	.28524	.11513	.43620	1.5680	12.071	

Sample Name: S2 Acquired: 12/21/2017 16:37:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.6	2502.8	55589.	10124.	3536.0
Stddev	14.7	10.1	294.	41.	8.0
%RSD	.83941	.40200	.52813	.40867	.22757
#1	1738.6	2491.2	55252.	10111.	3527.2
#2	1765.1	2508.2	55793.	10171.	3543.0
#3	1763.1	2509.1	55721.	10091.	3537.9

Sample Name: S3 Acquired: 12/21/2017 16:41:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07689	.11499	1.8895	.15768	.33316	6.1411	20.053	.80653
Stddev	.00035	.00071	.0026	.00080	.00113	.0128	.093	.00217
%RSD	.45372	.61550	.13974	.50972	.33962	.20845	.46567	.26944

#1	.07724	.11562	1.8900	.15855	.33432	6.1388	20.066	.80417
#2	.07689	.11513	1.8919	.15752	.33311	6.1549	20.139	.80697
#3	.07654	.11423	1.8867	.15696	.33206	6.1296	19.954	.80845

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5449	5.0671	.87099	.90273	.89407	1.7707	2.2011	.98969
Stddev	.0069	.0172	.00416	.00056	.00233	.0061	.0072	.00227
%RSD	.26945	.33949	.47727	.06161	.26029	.34226	.32557	.22921

#1	2.5370	5.0476	.86759	.90258	.89416	1.7647	2.1931	.98777
#2	2.5489	5.0800	.86975	.90334	.89635	1.7768	2.2068	.99219
#3	2.5488	5.0737	.87562	.90226	.89169	1.7707	2.2036	.98912

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.52164	.13989	.47507	.10893	1.2281	1.3710	.07186	.69514
Stddev	.00060	.00087	.00034	.00105	.0068	.0003	.00012	.00259
%RSD	.11441	.61933	.07149	.96220	.55659	.02410	.17120	.37237

#1	.52110	.13901	.47479	.10903	1.2204	1.3707	.07186	.69224
#2	.52228	.13991	.47545	.10992	1.2306	1.3709	.07174	.69722
#3	.52153	.14074	.47498	.10783	1.2334	1.3713	.07199	.69597

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.0463	.06443	.54216	.23338	.86306	3.1677	24.051	
Stddev	.0051	.00012	.00204	.00037	.00199	.0125	.030	
%RSD	.24886	.17952	.37656	.16016	.23001	.39380	.12491	

#1	2.0517	.06441	.53997	.23330	.86211	3.1728	24.070	
#2	2.0415	.06433	.54401	.23306	.86535	3.1768	24.066	
#3	2.0457	.06456	.54249	.23379	.86174	3.1535	24.016	

Sample Name: S3 Acquired: 12/21/2017 16:41:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1683.2	2396.1	53665.	10014.	3284.8
Stddev	8.0	7.3	82.	46.	4.7
%RSD	.47638	.30385	.15244	.46314	.14399
#1	1678.2	2387.7	53576.	9989.0	3279.6
#2	1679.0	2400.5	53736.	9986.4	3286.1
#3	1692.5	2400.0	53684.	10068.	3288.7

Sample Name: S4 Acquired: 12/21/2017 16:45:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.16098	.22442	3.7749	.32357	.68969	12.528	39.705	1.6187
Stddev	.00065	.00109	.0011	.00145	.00152	.044	.373	.0089
%RSD	.40265	.48462	.02927	.44735	.22025	.35112	.93945	.54924

#1	.16037	.22329	3.7752	.32238	.68876	12.578	40.081	1.6152
#2	.16091	.22451	3.7736	.32314	.68886	12.508	39.335	1.6288
#3	.16166	.22546	3.7757	.32518	.69144	12.497	39.698	1.6121

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.1233	10.159	1.7056	1.8124	1.7780	3.4898	4.3528	2.0297
Stddev	.0040	.010	.0016	.0023	.0085	.0062	.0061	.0030
%RSD	.07894	.10154	.09516	.12936	.48033	.17730	.14114	.14859

#1	5.1244	10.160	1.7038	1.8138	1.7878	3.4952	4.3593	2.0327
#2	5.1188	10.148	1.7069	1.8097	1.7736	3.4830	4.3520	2.0267
#3	5.1266	10.169	1.7061	1.8137	1.7725	3.4912	4.3471	2.0297

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0450	.29125	.96375	.21672	2.5015	2.7743	.15039	1.3536
Stddev	.0001	.00036	.00517	.00062	.0270	.0083	.00069	.0076
%RSD	.01057	.12194	.53636	.28704	1.0785	.29955	.46050	.55850

#1	1.0450	.29137	.96972	.21739	2.5030	2.7829	.14980	1.3550
#2	1.0449	.29153	.96105	.21658	2.4739	2.7737	.15022	1.3604
#3	1.0451	.29085	.96050	.21617	2.5278	2.7664	.15116	1.3455

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.1279	.13430	1.0623	.47500	1.7062	6.5339	46.774	
Stddev	.0122	.00077	.0049	.00109	.0089	.0472	.061	
%RSD	.29559	.57322	.45763	.22958	.52188	.72230	.13018	

#1	4.1205	.13375	1.0613	.47403	1.7164	6.5849	46.758	
#2	4.1212	.13396	1.0676	.47478	1.6997	6.5249	46.722	
#3	4.1420	.13518	1.0580	.47618	1.7026	6.4918	46.841	

Sample Name: S4 Acquired: 12/21/2017 16:45:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.0	2257.8	52103.	9896.2	3041.2
Stddev	11.5	1.3	148.	33.7	1.3
%RSD	.71859	.05542	.28356	.34038	.04415
#1	1603.9	2259.2	51974.	9866.8	3042.2
#2	1619.8	2257.5	52265.	9888.9	3039.7
#3	1597.3	2256.7	52071.	9933.0	3041.7

Sample Name: S5 Acquired: 12/21/2017 16:49:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32918	.42469	7.4180	.65564	1.4119	24.809	78.446	3.1575
Stddev	.00093	.00247	.0153	.00295	.0031	.023	.716	.0112
%RSD	.28187	.58085	.20564	.44942	.21834	.09305	.91295	.35600

#1	.32814	.42346	7.4176	.65337	1.4099	24.783	77.650	3.1447
#2	.32947	.42307	7.4030	.65458	1.4104	24.816	79.038	3.1659
#3	.32993	.42753	7.4335	.65897	1.4155	24.828	78.650	3.1619

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.9515	19.264	3.2438	3.5321	3.5117	6.5489	8.2301	3.9289
Stddev	.0245	.181	.0108	.0066	.0045	.0371	.0542	.0250
%RSD	.24606	.94137	.33262	.18757	.12873	.56643	.65817	.63760

#1	9.9425	19.055	3.2542	3.5296	3.5144	6.5071	8.1676	3.9000
#2	9.9327	19.360	3.2327	3.5271	3.5142	6.5780	8.2587	3.9445
#3	9.9792	19.377	3.2445	3.5396	3.5065	6.5615	8.2640	3.9421

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0222	.81331	1.8843	.41521	5.1376	5.5269	.30611	2.5795
Stddev	.0033	.00371	.0077	.00139	.0134	.0048	.00055	.0131
%RSD	.16199	.45677	.40787	.33421	.26036	.08639	.18053	.50673

#1	2.0207	.81703	1.8758	.41365	5.1477	5.5223	.30594	2.5644
#2	2.0199	.80960	1.8862	.41632	5.1426	5.5318	.30566	2.5874
#3	2.0259	.81330	1.8908	.41565	5.1224	5.5265	.30672	2.5866

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	8.1921	.27145	2.0248	.93505	3.3297	13.013	91.297	
Stddev	.0245	.00094	.0109	.00312	.0096	.067	.286	
%RSD	.29931	.34584	.53704	.33344	.28730	.51703	.31338	

#1	8.1716	.27113	2.0127	.93404	3.3191	12.966	91.162	
#2	8.1854	.27071	2.0337	.93256	3.3377	12.983	91.626	
#3	8.2193	.27251	2.0281	.93854	3.3324	13.090	91.103	

Sample Name: S5 Acquired: 12/21/2017 16:49:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1467.1	2048.2	48958.	9607.0	2729.7
Stddev	3.0	1.8	164.	38.3	3.0
%RSD	.20113	.09010	.33540	.39822	.10842
#1	1463.9	2047.0	48772.	9645.9	2727.4
#2	1467.5	2050.3	49081.	9569.4	2733.1
#3	1469.8	2047.2	49021.	9605.7	2728.8

Sample Name: S6 Acquired: 12/21/2017 16:53:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	65.577	30.883	17.229	6.3156	5.1187
Stddev	.587	.223	.079	.0277	.0206
%RSD	.89578	.72284	.45962	.43860	.40226

#1	66.142	31.135	17.319	6.3444	5.1415
#2	64.970	30.710	17.168	6.2891	5.1014
#3	65.620	30.805	17.200	6.3135	5.1133

Int. Std.	Y_3710
Units	Cts/S
Avg	9334.2
Stddev	101.6
%RSD	1.0889

#1	9216.9
#2	9390.1
#3	9395.7

Sample Name: ICV Acquired: 12/21/2017 17:03:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9562470	1.093969	1.015090	.9932420	.9401641	2.358487
Stddev	.0065046	.007148	.004680	.0017547	.0021013	.007514
%RSD	.6802234	.6534319	.4609983	.1766609	.2235062	.3185828

#1	.9553246	1.096026	1.010145	.9914218	.9382465	2.350190
#2	.9502528	1.086017	1.015674	.9933815	.9424104	2.360438
#3	.9631635	1.099863	1.019449	.9949229	.9398354	2.364833

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5139137	.5122255	.4859487	10.55997	.5242170	.4901514
Stddev	.0006520	.0018524	.0027468	.09165	.0022846	.0016549
%RSD	.1268732	.3616419	.5652506	.8679056	.4358125	.3376361

#1	.5146021	.5101229	.4834541	10.45535	.5217955	.4885225
#2	.5133055	.5136169	.4854995	10.59848	.5245211	.4901007
#3	.5138335	.5129368	.4888924	10.62608	.5263343	.4918312

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5145785	5.339139	.5401900	5.871258	.5002633	.4849260
Stddev	.0022679	.021499	.0012160	.057945	.0028592	.0013649
%RSD	.4407370	.4026688	.2250992	.9869246	.5715323	.2814672

#1	.5146596	5.324607	.5395779	5.823984	.4988248	.4835467
#2	.5168047	5.363836	.5394018	5.853889	.4984090	.4849552
#3	.5122710	5.328975	.5415904	5.935901	.5035560	.4862760

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.932158	.5240604	.9609692	9.520523	F .0127915	F .0077134
Stddev	.121952	.0016534	.0074052	.039091	.0019361	.0004807
%RSD	1.227845	.3154918	.7705940	.4106022	15.13600	6.232342

#1	9.795621	.5247852	.9524185	9.513210	.0107947	.0072416
#2	9.970589	.5221684	.9652151	9.562755	.0129192	.0076961
#3	10.03027	.5252276	.9652739	9.485605	.0146607	.0082026

Sample Name: ICV Acquired: 12/21/2017 17:03:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0000470	.0072647	.0049133	F -.000537	-.000255	.0042543
Stddev	.0000894	.0017495	.0005904	.000677	.000164	.0004346
%RSD	190.0806	24.08169	12.01651	126.2381	64.27730	10.21532

#1	.0001355	.0071380	.0052811	-.001298	-.000443	.0047019
#2	-.000043	.0055820	.0042322	.000000	-.000163	.0042272
#3	.000049	.0090740	.0052264	-.000313	-.000157	.0038340

Elem	Sr4077
Units	ppm
Avg	.0120578
Stddev	.0000662
%RSD	.5492486

#1	.0121290
#2	.0120464
#3	.0119980

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.812	2661.694	58490.22	10258.44	4005.110
Stddev	17.355	18.383	54.58	33.92	15.860
%RSD	.9438361	.6906360	.0933222	.3306863	.3960049

#1	1826.509	2642.872	58493.05	10264.70	3987.926
#2	1831.262	2662.609	58434.28	10221.82	4008.215
#3	1858.663	2679.603	58543.34	10288.80	4019.188

Sample Name: ICB Acquired: 12/21/2017 17:07:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032650	.0024025	-.000412	.0014841	-.000584	.0081893	.0002833
Stddev	.0017786	.0012847	.001080	.0014516	.001173	.0021689	.0002425
%RSD	54.47526	53.47363	262.1587	97.81014	200.6426	26.48405	85.60207

#1	.0036096	.0038578	-.000544	.0022779	-.001007	.0057864	.0003031
#2	.0048461	.0019236	-.001420	.0023658	.000741	.0087796	.0005152
#3	.0013393	.0014260	.000728	-.000191	-.001488	.0100020	.0000315

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000175	-.000075	-.002680	-.000281	-.000008	-.000221	.0039161
Stddev	.0000282	.000053	.000661	.000142	.000215	.000194	.0019002
%RSD	161.2404	71.20737	24.66579	50.37892	2782.140	87.71033	48.52297

#1	.0000362	-.000068	-.003227	-.000220	.000032	-.000311	.0047395
#2	-.000015	-.000026	-.002867	-.000180	.000185	-.000353	.0017431
#3	.000031	-.000131	-.001946	-.000443	-.000239	.000002	.0052658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005127	.0111874	-.000473	.0000565	-.076789	-.000733	.0012160
Stddev	.0005265	.0048120	.000160	.0001233	.053527	.001238	.0005231
%RSD	102.6824	43.01292	33.74762	218.2941	69.70679	169.0235	43.02179

#1	.0004301	.0106690	-.000395	.0000010	-.027500	.000638	.0007700
#2	.0000325	.0066556	-.000368	.0001977	-.069137	-.001065	.0010862
#3	.0010757	.0162376	-.000657	-.000029	-.133731	-.001771	.0017918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0618076	-.001210	.0054937	-.000007	-.003473	-.000090	-.000180
Stddev	.0093290	.002516	.0003103	.000207	.000891	.000809	.000672
%RSD	15.09356	207.8796	5.649145	2911.975	25.66727	901.7660	374.2009

#1	.0657448	-.003643	.0052040	.000110	-.003604	-.000025	.000558
#2	.0685225	.001381	.0058213	.000115	-.002523	-.000929	-.000758
#3	.0511554	-.001368	.0054559	-.000246	-.004291	.000685	-.000338

Sample Name: ICB Acquired: 12/21/2017 17:07:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001820	.0021983	.0000072
Stddev	.0001574	.0010245	.0000165
%RSD	86.46876	46.60227	230.9204

#1	.0001987	.0016521	.0000258
#2	.0000169	.0015626	.0000016
#3	.0003304	.0033801	-.000006

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.957	2697.586	59995.80	10186.98	4235.906
Stddev	9.879	2.506	274.58	17.02	1.104
%RSD	.5224339	.0929081	.4576704	.1671148	.0260740

#1	1879.942	2695.641	59679.94	10190.80	4235.228
#2	1893.897	2700.415	60177.58	10201.78	4237.181
#3	1899.033	2696.704	60129.89	10168.38	4235.311

Sample Name: ICSA Acquired: 12/21/2017 17:14:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084641	-.005348	-.004497	.0010301	.0051714	250.2390	.0060457
Stddev	.0063096	.004757	.002649	.0030799	.0006162	.1864	.0000669
%RSD	74.54606	88.94993	58.90131	298.9951	11.91487	.0744767	1.105862

#1	.0131996	-.005043	-.007245	.0038460	.0045709	250.1773	.0060052
#2	.0108914	-.000751	-.004286	.0015033	.0051411	250.4483	.0061229
#3	.0013013	-.010251	-.001960	-.002259	.0058022	250.0912	.0060090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009596	.0016331	261.7959	.0613901	.0002679	-.001843	103.1870
Stddev	.0000887	.0001220	1.9579	.0009721	.0003849	.001297	.6056
%RSD	9.238450	7.468278	.7478735	1.583493	143.6924	70.40289	.5868594

#1	.0010077	.0016792	259.5539	.0604968	.0000992	-.001163	102.6153
#2	.0008573	.0014947	262.6655	.0612481	.0007084	-.003339	103.1241
#3	.0010137	.0017252	263.1684	.0624254	-.000004	-.001027	103.8215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120485	266.2845	.0012244	.0001972	.2908010	-.003088	.0029962
Stddev	.0002737	2.0570	.0004985	.0001398	.0907241	.001321	.0027796
%RSD	2.271828	.7724935	40.71135	70.88243	31.19801	42.78994	92.77197

#1	.0122027	264.2114	.0017993	.0000488	.3936903	-.004590	.0057490
#2	.0122102	266.3169	.0009591	.0003263	.2564215	-.002563	.0001905
#3	.0117324	268.3251	.0009146	.0002164	.2222913	-.002109	.0030491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.050063	-.001889	.0029068	.0009293	.0290527	-.003722	-.004325
Stddev	.026978	.001083	.0013572	.0005859	.0048055	.001023	.001598
%RSD	53.88923	57.31059	46.68953	63.04250	16.54075	27.48819	36.94005

#1	-.073344	-.001622	.0015154	.0013662	.0299154	-.002545	-.002688
#2	-.056348	-.003080	.0029781	.0011582	.0238742	-.004393	-.005881
#3	-.020496	-.000964	.0042269	.0002636	.0333684	-.004229	-.004407

Sample Name: ICSA Acquired: 12/21/2017 17:14:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000297	.0034363	.1060314
Stddev	.000754	.0002311	.0004934
%RSD	254.2280	6.724382	.4653230

#1	.000449	.0033130	.1065252
#2	-.001060	.0032930	.1060307
#3	-.000279	.0037029	.1055384

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.859	2354.302	52222.34	9833.751	3156.443
Stddev	6.393	40.618	339.74	16.408	54.498
%RSD	.3853888	1.725284	.6505558	.1668590	1.726550

#1	1651.514	2356.759	52000.42	9821.927	3179.794
#2	1661.889	2393.635	52053.14	9852.484	3195.374
#3	1663.174	2312.510	52613.45	9826.841	3094.161

Sample Name: ZZ Acquired: 12/21/2017 17:18:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1156677	.0949276	.0519421	.0533175	.6228003	265.0960
Stddev	.0072117	.0027773	.0027684	.0064956	.0044301	.1869
%RSD	6.234840	2.925703	5.329773	12.18285	.7113258	.0705108

#1	.1231466	.0921677	.0524476	.0458799	.6278033	265.3115
#2	.1150996	.0977220	.0489558	.0561968	.6193748	264.9989
#3	.1087568	.0948931	.0544230	.0578757	.6212227	264.9776

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5689350	.5644808	1.120378	279.8217	.6296084	.5575419
Stddev	.0025307	.0010579	.002657	1.0886	.0028099	.0015831
%RSD	.4448198	.1874160	.2371301	.3890236	.4462919	.2839440

#1	.5716692	.5637309	1.117645	278.7946	.6266535	.5557182
#2	.5666748	.5640205	1.120536	279.7078	.6322464	.5585617
#3	.5684608	.5656908	1.122952	280.9628	.6299255	.5583459

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5516969	109.3304	.5876738	283.3211	1.111991	F .2602725
Stddev	.0025571	.4334	.0017264	1.9086	.003788	.0009435
%RSD	.4634960	.3963964	.2937604	.6736447	.3406355	.3624973

#1	.5540449	108.9343	.5860097	281.4449	1.108300	.2595246
#2	.5520735	109.2637	.5875552	283.2578	1.111804	.2613325
#3	.5489724	109.7933	.5894563	285.2605	1.115869	.2599603

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1489497	.5579720	1.119908	-.090731	.0161034	F .9371100
Stddev	.0358894	.0055784	.009121	.021701	.0021248	.0019297
%RSD	24.09496	.9997644	.8144644	23.91806	13.19469	.2059250

#1	.1544371	.5517875	1.112357	-.073228	.0181459	.9371910
#2	.1817794	.5595045	1.117324	-.115012	.0139049	.9351410
#3	.1106327	.5626240	1.130043	-.083952	.0162594	.9389980

Sample Name: ZZ Acquired: 12/21/2017 17:18:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .8912485	.0295991	.8811207	F .9128310	.9202554	.0050907
Stddev	.0008172	.0044156	.0035990	.0029650	.0023447	.0003914
%RSD	.0916911	14.91796	.4084628	.3248113	.2547848	7.687872

#1	.8904184	.0266480	.8851334	.9094074	.9211132	.0051039
#2	.8920521	.0274739	.8800509	.9145480	.9176027	.0054753
#3	.8912751	.0346754	.8781779	.9145377	.9220504	.0046929

Elem	Sr4077
Units	ppm
Avg	.1125542
Stddev	.0002600
%RSD	.2310199

#1	.1127999
#2	.1125808
#3	.1122819

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.218	2378.089	52190.73	9838.854	3168.782
Stddev	1.104	7.877	184.56	38.619	2.786
%RSD	.0664520	.3312301	.3536195	.3925184	.0879087

#1	1660.568	2369.421	52226.25	9798.432	3168.481
#2	1660.593	2380.033	51991.00	9842.756	3171.706
#3	1662.492	2384.811	52354.95	9875.375	3166.160

Sample Name: ZZ Acquired: 12/21/2017 17:22:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.115673	5.271489	25.87190	5.074106	5.068935	394.6312
Stddev	.011309	.009393	.10508	.014623	.003648	.2285
%RSD	.2210602	.1781934	.4061563	.2881952	.0719646	.0578968

#1	5.123647	5.271588	25.78905	5.087050	5.073136	394.4696
#2	5.102730	5.262046	25.83656	5.077025	5.066575	394.5315
#3	5.120641	5.280832	25.99010	5.058243	5.067093	394.8926

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22323	.5280543	2.624699	404.5758	16.06485	2.592673
Stddev	.06132	.0012365	.011461	1.6897	.00873	.008783
%RSD	.5998586	.2341696	.4366465	.4176361	.0543502	.3387616

#1	10.24330	.5267913	2.612816	402.7628	16.05761	2.586501
#2	10.27200	.5292626	2.625594	404.8583	16.06240	2.588790
#3	10.15439	.5281090	2.635685	406.1065	16.07455	2.602728

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.62590	397.1780	15.44768	406.0712	2.575752	F 1.518605
Stddev	.01801	.6674	.04059	1.1668	.007974	.001022
%RSD	.1152591	.1680324	.2627764	.2873503	.3095960	.0672668

#1	15.60789	396.4103	15.40088	404.7600	2.567493	1.517502
#2	15.64391	397.5045	15.46884	406.9952	2.576356	1.518796
#3	15.62591	397.6193	15.47332	406.4585	2.583408	1.519518

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.5903	2.575258	15.64874	157.4369	5.274487	5.230797
Stddev	.2455	.011238	.07397	.4450	.027614	.005722
%RSD	.0615921	.4363941	.4726863	.2826231	.5235456	.1093890

#1	398.3456	2.568437	15.56337	156.9458	5.295869	5.237255
#2	398.8366	2.569108	15.68894	157.8132	5.243311	5.226360
#3	398.5887	2.588229	15.69389	157.5517	5.284282	5.228776

Sample Name: ZZ Acquired: 12/21/2017 17:22:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.098765	5.337703	5.171810	5.244706	5.260956	5.239793
Stddev	.001301	.018408	.010953	.017913	.005748	.012675
%RSD	.0255077	.3448649	.2117754	.3415459	.1092630	.2419042

#1	5.100154	5.340687	5.184456	5.228220	5.254332	5.254250
#2	5.097577	5.317986	5.165623	5.242132	5.264636	5.230584
#3	5.098563	5.354438	5.165350	5.263767	5.263899	5.234546

Elem	Sr4077
Units	ppm
Avg	5.225102
Stddev	.030484
%RSD	.5834072

#1	5.234980
#2	5.249421
#3	5.190904

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1531.573	2175.573	49428.61	9566.317	2810.726
Stddev	5.878	7.348	77.52	18.969	4.356
%RSD	.3837625	.3377526	.1568329	.1982886	.1549868

#1	1535.540	2168.482	49454.27	9573.303	2806.240
#2	1524.821	2175.083	49341.51	9544.846	2814.940
#3	1534.359	2183.153	49490.04	9580.802	2810.999

Sample Name: ICSAB Acquired: 12/21/2017 17:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1068645	.0906781	.0441850	.0503501	.5694389	238.3032	.5119837
Stddev	.0033264	.0025327	.0010266	.0003250	.0013082	.2604	.0009927
%RSD	3.112752	2.793020	2.323494	.6455488	.2297357	.1092547	.1938843

#1	.1089914	.0908260	.0432767	.0506242	.5681254	238.5878	.5128427
#2	.1085709	.0880748	.0452988	.0504353	.5707418	238.2448	.5122114
#3	.1030312	.0931336	.0439795	.0499910	.5694495	238.0770	.5108970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5020493	.9971512	250.1750	.5627754	.4959153	.4955354	98.51976
Stddev	.0009207	.0049748	.9289	.0020061	.0012046	.0018296	.15519
%RSD	.1833912	.4989049	.3712820	.3564591	.2429133	.3692137	.1575199

#1	.5027529	.9917144	249.4730	.5607199	.4951261	.4954481	98.40504
#2	.5023877	.9982632	249.8238	.5647281	.4953179	.4974071	98.45789
#3	.5010072	1.001476	251.2283	.5628781	.4973019	.4937510	98.69634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5252728	253.4624	.9939979	.2335100	.1578422	.4908259	.9662541
Stddev	.0003031	.7239	.0038481	.0004064	.0690749	.0005327	.0145747
%RSD	.0577031	.2856076	.3871387	.1740468	43.76201	.1085383	1.508372

#1	.5255836	252.9629	.9900826	.2335683	.0984150	.4907525	.9682087
#2	.5249781	253.1318	.9941361	.2338841	.2336281	.4903336	.9508008
#3	.5252566	254.2926	.9977751	.2330775	.1414836	.4913915	.9797529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.167746	.0112934	.0036023	.0007674	.0177361	-.001520	-.004196
Stddev	.045044	.0010503	.0028781	.0003960	.0054492	.000342	.001369
%RSD	26.85238	9.300312	79.89462	51.59873	30.72365	22.50128	32.62348

#1	-.199521	.0121713	.0008391	.0009693	.0231319	-.001894	-.004052
#2	-.187521	.0115791	.0033849	.0010218	.0122351	-.001224	-.005632
#3	-.116198	.0101298	.0065829	.0003112	.0178413	-.001440	-.002905

Sample Name: ICSAB Acquired: 12/21/2017 17:32:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000559	.0039867	.1011035
Stddev	.000710	.0004238	.0003847
%RSD	126.9276	10.63083	.3805269

#1	.000087	.0035395	.1015251
#2	-.000446	.0043825	.1010140
#3	-.001319	.0040380	.1007714

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.604	2411.779	53053.24	10012.15	3249.427
Stddev	5.390	14.676	108.94	52.89	15.513
%RSD	.3218607	.6085211	.2053330	.5282122	.4774058

#1	1672.399	2397.035	52973.99	9951.13	3233.036
#2	1680.747	2411.916	53008.27	10044.55	3251.365
#3	1670.666	2426.387	53177.47	10040.79	3263.880

Sample Name: CCV052 Acquired: 12/21/2017 17:36:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.871150	4.656082	24.10184	4.839768	4.833671	390.8822
Stddev	.005093	.033629	.02180	.014091	.003215	.3215
%RSD	.1045476	.7222603	.0904361	.2911425	.0665126	.0822555

#1	4.876781	4.693123	24.10473	4.855575	4.833552	391.2341
#2	4.869804	4.647654	24.07874	4.835204	4.836943	390.6038
#3	4.866866	4.627469	24.12205	4.828525	4.830516	390.8086

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.811704	.4998556	2.471023	398.7392	15.10654	2.441289
Stddev	.072849	.0024319	.007026	.6865	.04458	.004287
%RSD	.7424701	.4865250	.2843289	.1721670	.2951106	.1755907

#1	9.816685	.5026574	2.466295	398.3003	15.13715	2.439024
#2	9.736492	.4986172	2.467678	398.3869	15.12708	2.438611
#3	9.881935	.4982922	2.479096	399.5303	15.05539	2.446233

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.75498	395.0972	14.63431	397.7595	2.439964	F 1.503324
Stddev	.01987	1.5170	.04800	1.6968	.004274	.001070
%RSD	.1346432	.3839665	.3279826	.4265934	.1751776	.0711696

#1	14.76752	393.9546	14.59711	396.4607	2.439638	1.504000
#2	14.76534	394.5185	14.61732	397.1386	2.435862	1.502090
#3	14.73207	396.8184	14.68849	399.6793	2.444392	1.503881

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.1287	2.437157	14.63335	149.3582	5.007899	4.875344
Stddev	.8897	.016270	.06413	.2618	.025803	.006650
%RSD	.2251635	.6675671	.4382314	.1752578	.5152431	.1364045

#1	396.0527	2.448690	14.60613	149.6373	5.029075	4.880890
#2	395.0555	2.418548	14.58732	149.3190	5.015464	4.867971
#3	394.2778	2.444235	14.70660	149.1182	4.979160	4.877170

Sample Name: CCV052 Acquired: 12/21/2017 17:36:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.825662	5.042990	4.844430	4.940451	4.891274	4.968738
Stddev	.007115	.015492	.013195	.014966	.001388	.040064
%RSD	.1474450	.3071977	.2723823	.3029317	.0283842	.8063299

#1	4.832689	5.058510	4.857521	4.938776	4.892862	5.010576
#2	4.818462	5.042935	4.831132	4.926393	4.890674	4.964916
#3	4.825833	5.027526	4.844637	4.956185	4.890287	4.930721

Elem	Sr4077
Units	ppm
Avg	4.946635
Stddev	.041372
%RSD	.8363645

#1	4.982668
#2	4.901455
#3	4.955783

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1541.337	2174.767	50038.60	9629.591	2829.113
Stddev	4.635	5.907	147.60	41.517	4.798
%RSD	.3007062	.2716215	.2949692	.4311445	.1695970

#1	1536.003	2167.948	49869.81	9581.700	2824.270
#2	1544.383	2178.030	50102.57	9655.425	2833.865
#3	1543.625	2178.322	50143.42	9651.647	2829.205

Sample Name: CCB052 Acquired: 12/21/2017 17:40:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000437	.0014934	.0020964	.0026065	-.000583	.0136140	-.000126
Stddev	.003298	.0010933	.0012657	.0011061	.000916	.0016631	.000076
%RSD	754.3840	73.20917	60.37188	42.43441	157.1735	12.21594	59.82168

#1	.003278	.0004000	.0021179	.0013520	.000134	.0151197	-.000122
#2	-.001570	.0025867	.0033512	.0034411	-.001614	.0138934	-.000053
#3	-.003019	.0014936	.0008202	.0030265	-.000267	.0118289	-.000204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000446	-.000045	.0104507	.0002890	.0000394	.0031047	.0158473
Stddev	.0000638	.000074	.0047390	.0005188	.0000632	.0011369	.0085772
%RSD	143.0773	165.2899	45.34629	179.4912	160.6810	36.61745	54.12392

#1	.0001132	-.000008	.0105230	.0006293	-.000021	.0017929	.0214893
#2	-.000013	.000003	.0056760	.0005458	.000105	.0038038	.0200757
#3	.000034	-.000131	.0151531	-.000308	.000034	.0037174	.0059769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008027	.0143807	-.000038	-.000152	.0022553	-.000646	.0018742
Stddev	.0002187	.0048562	.000227	.000197	.1463066	.000514	.0018902
%RSD	27.24729	33.76900	600.0805	129.9960	6487.210	79.62424	100.8566

#1	.0005859	.0165439	.000048	-.000362	.1309193	-.001207	.0037684
#2	.0010233	.0177794	.000134	.000029	.0327379	-.000196	.0018661
#3	.0007988	.0088188	-.000296	-.000121	-.156891	-.000535	-.000012

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0813783	-.001128	.0084710	.0001682	-.003335	.0004045	-.000419
Stddev	.0307503	.002894	.0004915	.0000223	.001711	.0002585	.000688
%RSD	37.78684	256.4315	5.801588	13.24243	51.30122	63.91504	164.1419

#1	.0835204	-.004027	.0079268	.0001427	-.002076	.0001741	-.001167
#2	.0496130	-.001117	.0088825	.0001778	-.005283	.0003552	-.000280
#3	.1110015	.001760	.0086037	.0001840	-.002646	.0006841	.000188

Sample Name: CCB052 Acquired: 12/21/2017 17:40:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB052 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005343	.0043597	.0001329
Stddev	.0003053	.0005104	.0000326
%RSD	57.14879	11.70666	24.53304

#1	.0007391	.0043447	.0001575
#2	.0001833	.0048773	.0001452
#3	.0006804	.0038569	.0000959

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.845	2707.839	60091.59	10157.54	4252.402
Stddev	12.827	11.821	298.49	40.31	10.754
%RSD	.6776785	.4365546	.4967198	.3968578	.2528986

#1	1882.688	2694.221	59768.87	10155.58	4239.988
#2	1888.587	2715.454	60148.16	10118.25	4258.884
#3	1907.260	2713.842	60357.75	10198.80	4258.334

Sample Name: I5150-13 Acquired: 12/21/2017 17:48:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3869900	-.003600	.0364669	.0820423	-.001380	9.385817	.0069494
Stddev	.0009502	.002549	.0006660	.0005924	.000981	.062531	.0002484
%RSD	.2455304	70.80876	1.826202	.7220897	71.03297	.6662238	3.574472

#1	.3860901	-.003309	.0359422	.0827130	-.002274	9.350546	.0071503
#2	.3879835	-.001209	.0362424	.0818235	-.001536	9.348890	.0070263
#3	.3868963	-.006283	.0372161	.0815904	-.000331	9.458014	.0066717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1814315	.0883459	23.83331	.0033785	.2769029	.1202222	.9871732
Stddev	.0016446	.0002334	.26651	.0005901	.0006022	.0004516	.0122646
%RSD	.9064432	.2641578	1.118204	17.46513	.2174775	.3756662	1.242400

#1	.1818603	.0880781	23.61072	.0039122	.2764812	.1202688	.9733872
#2	.1796150	.0885054	23.76059	.0034786	.2766349	.1206486	.9912592
#3	.1828192	.0884543	24.12863	.0027448	.2775926	.1197490	.9968733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2924869	35.71752	.2653773	.1351625	13.03835	.5702393	.0038600
Stddev	.0022214	.29420	.0002265	.0009395	.07971	.0041230	.0015474
%RSD	.7594953	.8236720	.0853524	.6950723	.6113631	.7230390	40.08690

#1	.2903864	35.46538	.2656376	.1344410	13.12088	.5657293	.0040177
#2	.2922623	35.64643	.2652689	.1362248	13.03239	.5711735	.0022398
#3	.2948121	36.04074	.2652253	.1348216	12.96179	.5738151	.0053225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.102343	.0166393	.0122069	.0004069	.1438557	1.125860	.0008765
Stddev	.015803	.0025135	.0007256	.0001049	.0049629	.009022	.0005411
%RSD	15.44096	15.10583	5.943755	25.76931	3.449925	.8013832	61.73070

#1	-.117531	.0160469	.0122116	.0003041	.1489272	1.117966	.0014049
#2	-.103509	.0193961	.0114790	.0005137	.1436307	1.123920	.0009011
#3	-.085990	.0144750	.0129301	.0004028	.1390091	1.135695	.0003235

Sample Name: I5150-13 Acquired: 12/21/2017 17:48:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0156174	.0016795	.0180361
Stddev	.0008539	.0002121	.0000900
%RSD	5.467785	12.62637	.4991860

#1	.0165012	.0015545	.0179860
#2	.0147969	.0015597	.0181401
#3	.0155541	.0019244	.0179823

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.787	2612.430	58194.69	10322.98	3871.433
Stddev	7.903	4.130	387.90	66.20	4.899
%RSD	.4357381	.1581022	.6665507	.6412717	.1265322

#1	1820.154	2608.350	58530.34	10314.78	3866.487
#2	1804.941	2612.333	57770.02	10392.90	3871.528
#3	1816.266	2616.608	58283.72	10261.27	3876.283

Sample Name: I5150-13RE Acquired: 12/21/2017 17:52:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4053479	-.008161	.0372022	.0840857	-.001842	9.731475	.0084101
Stddev	.0037724	.002844	.0019430	.0022913	.002206	.034228	.0002865
%RSD	.9306493	34.85145	5.222790	2.724940	119.8086	.3517286	3.406842

#1	.4014417	-.008165	.0394438	.0849451	-.000002	9.708391	.0081963
#2	.4056316	-.005315	.0361651	.0814889	-.001235	9.770800	.0087356
#3	.4089704	-.011003	.0359979	.0858230	-.004288	9.715233	.0082983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1920694	.0926619	26.84944	.0034128	.2908926	.1255873	1.168985
Stddev	.0002064	.0003165	.19453	.0005228	.0008809	.0018810	.001224
%RSD	.1074508	.3415350	.7245076	15.31877	.3028416	1.497751	.1046998

#1	.1918574	.0925480	26.62506	.0038951	.2913963	.1235526	1.170387
#2	.1920812	.0924181	26.97077	.0028572	.2898754	.1259465	1.168128
#3	.1922696	.0930195	26.95248	.0034863	.2914061	.1272628	1.168439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3090731	36.75996	.2785580	.1420522	13.98901	.6026852	.0092719
Stddev	.0021419	.22614	.0010621	.0001281	.03536	.0070338	.0017044
%RSD	.6930217	.6151862	.3813001	.0901474	.2527701	1.167081	18.38198

#1	.3070706	36.51333	.2790879	.1419546	14.02432	.5952111	.0077520
#2	.3113315	36.95758	.2773352	.1421972	13.95360	.6091751	.0111146
#3	.3088174	36.80898	.2792511	.1420048	13.98911	.6036696	.0089492

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.131949	.0162701	.0120110	.0003561	.1515439	1.167406	-.000068
Stddev	.031868	.0020779	.0010783	.0002270	.0026763	.007235	.000499
%RSD	24.15211	12.77102	8.977675	63.73913	1.766042	.6197523	738.3953

#1	-.161684	.0145168	.0131456	.0005871	.1545988	1.175594	-.000513
#2	-.135855	.0185652	.0109996	.0001333	.1504203	1.164749	-.000161
#3	-.098307	.0157284	.0118878	.0003480	.1496125	1.161876	.000471

Sample Name: I5150-13RE Acquired: 12/21/2017 17:52:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0177758	.0014155	.0188656
Stddev	.0007254	.0002641	.0000469
%RSD	4.080618	18.65927	.2487326

#1	.0178586	.0012343	.0188379
#2	.0184563	.0017185	.0188391
#3	.0170126	.0012936	.0189198

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.633	2670.574	59276.44	10544.14	3943.669
Stddev	8.889	10.364	99.61	31.12	13.383
%RSD	.4787900	.3880832	.1680403	.2951078	.3393460

#1	1863.802	2660.075	59390.67	10579.65	3931.481
#2	1859.409	2680.797	59230.92	10521.63	3957.990
#3	1846.686	2670.851	59207.72	10531.14	3941.535

Sample Name: I5150-13RE2 Acquired: 12/21/2017 17:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4469295	-.007067	.0395840	.0965008	-.001394	10.49934	.0125771
Stddev	.0054380	.001920	.0008222	.0012100	.000752	.01628	.0003542
%RSD	1.216740	27.16386	2.077140	1.253829	53.96230	.1550944	2.815983

#1	.4436506	-.005042	.0386404	.0978146	-.001172	10.49261	.0121867
#2	.4439313	-.008860	.0399648	.0954322	-.002233	10.51791	.0126669
#3	.4532067	-.007299	.0401467	.0962555	-.000778	10.48750	.0128777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2099421	.1018946	24.70687	.0035886	.3187419	.1362657	1.160115
Stddev	.0010261	.0002662	.18902	.0007294	.0007317	.0023299	.011450
%RSD	.4887665	.2612381	.7650476	20.32460	.2295519	1.709841	.9869720

#1	.2106094	.1019809	24.50192	.0030262	.3183157	.1358332	1.154734
#2	.2087606	.1015959	24.74435	.0033269	.3195867	.1387816	1.152347
#3	.2104564	.1021068	24.87434	.0044127	.3183232	.1341824	1.173265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3376909	39.11356	.3064823	.1531582	15.33336	.6608391	.0086117
Stddev	.0033759	.18937	.0005493	.0011913	.19358	.0033818	.0010857
%RSD	.9996976	.4841630	.1792404	.7778181	1.262497	.5117396	12.60717

#1	.3355310	38.89726	.3058682	.1541846	15.11975	.6569612	.0098074
#2	.3359606	39.19393	.3069269	.1534381	15.49720	.6631751	.0076876
#3	.3415812	39.24950	.3066518	.1518519	15.38311	.6623811	.0083402

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051741	.0197807	.0115429	.0002964	.1672035	1.279361	-.000099
Stddev	.062799	.0007426	.0013813	.0001901	.0024236	.041495	.000511
%RSD	121.3719	3.754100	11.96640	64.12714	1.449495	3.243401	517.5639

#1	-.107144	.0203753	.0117786	.0004688	.1648746	1.326146	-.000513
#2	.016478	.0189483	.0100590	.0000926	.1670239	1.264927	.000472
#3	-.064557	.0200184	.0127912	.0003279	.1697119	1.247012	-.000255

Sample Name: I5150-13RE2 Acquired: 12/21/2017 17:56:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0166928	.0012589	.0197803
Stddev	.0009098	.0002230	.0001138
%RSD	5.450042	17.71150	.5752808

#1	.0156506	.0013371	.0197966
#2	.0170994	.0014322	.0198851
#3	.0173283	.0010074	.0196593

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.394	2579.386	58023.36	10281.32	3827.071
Stddev	1.977	9.427	177.19	8.28	9.804
%RSD	.1089479	.3654669	.3053705	.0805085	.2561863

#1	1816.434	2574.263	58118.73	10271.85	3818.292
#2	1812.488	2573.630	57818.92	10287.15	3825.271
#3	1814.261	2590.265	58132.44	10284.98	3837.651

Sample Name: CCV053 Acquired: 12/21/2017 18:03:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.903661	4.770295	24.48367	4.869504	4.871512	391.5206
Stddev	.001648	.008887	.08564	.010091	.010533	.2281
%RSD	.0336158	.1862908	.3497865	.2072313	.2162077	.0582602

#1	4.903133	4.780504	24.41189	4.880869	4.868493	391.3580
#2	4.902341	4.764298	24.46065	4.861595	4.862818	391.4226
#3	4.905509	4.766082	24.57846	4.866047	4.883224	391.7813

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.796486	.5049938	2.502809	397.9325	15.33905	2.476479
Stddev	.081934	.0007447	.007239	1.4397	.01650	.008572
%RSD	.8363643	.1474745	.2892205	.3617922	.1075732	.3461515

#1	9.715960	.5048801	2.495317	396.3273	15.35221	2.468615
#2	9.793737	.5057888	2.503345	398.3606	15.32054	2.475206
#3	9.879760	.5043124	2.509764	399.1095	15.34439	2.485617

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92686	393.1164	14.66084	396.8525	2.465437	F 1.510051
Stddev	.01765	1.3211	.03807	1.6306	.005654	.002150
%RSD	.1182638	.3360514	.2596420	.4108886	.2293368	.1423578

#1	14.94355	391.5966	14.61690	394.9785	2.460817	1.512528
#2	14.92866	393.7627	14.68376	397.6312	2.463751	1.508950
#3	14.90838	393.9899	14.68187	397.9478	2.471742	1.508674

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.2303	2.459646	14.61810	150.8284	5.071851	4.941281
Stddev	.3983	.004377	.13055	.2674	.002950	.007718
%RSD	.1007679	.1779587	.8930562	.1772753	.0581697	.1561932

#1	395.5773	2.461641	14.48758	151.1364	5.068549	4.932769
#2	395.3181	2.462671	14.61806	150.6930	5.072774	4.943252
#3	394.7954	2.454627	14.74868	150.6558	5.074229	4.947823

Sample Name: CCV053 Acquired: 12/21/2017 18:03:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.870574	5.096608	4.905991	4.980230	4.967784	4.977869
Stddev	.008033	.002024	.003285	.008254	.001708	.015480
%RSD	.1649278	.0397114	.0669668	.1657351	.0343744	.3109755

#1	4.879655	5.098371	4.909480	4.974765	4.969237	4.987420
#2	4.864397	5.097054	4.905538	4.976199	4.968212	4.986178
#3	4.867670	5.094398	4.902956	4.989724	4.965903	4.960008

Elem	Sr4077
Units	ppm
Avg	5.028386
Stddev	.089269
%RSD	1.775306

#1	5.001262
#2	5.128071
#3	4.955825

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1534.085	2171.609	49594.46	9593.016	2816.088
Stddev	5.557	7.330	30.12	14.734	2.079
%RSD	.3622230	.3375177	.0607263	.1535936	.0738393

#1	1536.437	2163.465	49572.90	9587.251	2813.765
#2	1538.079	2173.687	49581.60	9582.036	2816.722
#3	1527.739	2177.676	49628.87	9609.761	2817.777

Sample Name: CCB053 Acquired: 12/21/2017 18:07:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023285	.0013075	-.000091	-.000056	-.000138	.0127465	.0003455
Stddev	.0018066	.0011633	.000606	.000978	.000802	.0024263	.0002412
%RSD	77.59015	88.96716	669.2122	1739.973	580.7519	19.03475	69.82839

#1	.0020937	-.000022	.000087	-.001068	-.000791	.0155235	.0001465
#2	.0006507	.001805	.000406	.000014	.000756	.0116796	.0006138
#3	.0042410	.002139	-.000765	.000884	-.000379	.0110366	.0002761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000046	-.000090	.0119338	.0001723	-.000073	.0006152	.0104734
Stddev	.0000295	.000015	.0064929	.0002006	.000162	.0008887	.0056796
%RSD	645.7359	16.84106	54.40788	116.4461	221.4864	144.4493	54.22927

#1	.0000386	-.000072	.0115951	.0001571	.000042	.0005685	.0161561
#2	-.000015	-.000098	.0056169	.0003801	-.000003	-.000249	.0104672
#3	-.000010	-.000099	.0185895	-.000020	-.000258	.001526	.0047969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008337	.0165592	-.000475	-.000040	-.024747	-.003121	.0019187
Stddev	.0000677	.0013700	.000339	.000132	.153730	.001250	.0006673
%RSD	8.121596	8.273363	71.38044	327.9016	621.2165	40.04195	34.78122

#1	.0008062	.0149864	-.000160	-.000189	-.027214	-.001771	.0024227
#2	.0009108	.0171985	-.000431	.000064	.130202	-.003355	.0021714
#3	.0007841	.0174926	-.000834	.000004	-.177228	-.004237	.0011619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0875465	.0005489	.0068141	.0002063	-.004701	-.000337	.0000835
Stddev	.0095884	.0016616	.0007548	.0002320	.001120	.001292	.0002948
%RSD	10.95237	302.6929	11.07653	112.4382	23.83493	383.3099	353.1983

#1	.0905048	.0022807	.0076192	-.000043	-.004640	-.001828	.0002557
#2	.0768276	-.001032	.0061226	.000416	-.005850	.000425	.0002517
#3	.0953072	.000398	.0067004	.000246	-.003612	.000393	-.000257

Sample Name: CCB053 Acquired: 12/21/2017 18:07:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v384) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004324	.0043904	.0001153
Stddev	.0002797	.0002154	.0000240
%RSD	64.67065	4.905421	20.77712

#1	.0007360	.0042158	.0001253
#2	.0003760	.0046311	.0001327
#3	.0001853	.0043244	.0000880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.001	2741.459	60413.29	10215.74	4281.938
Stddev	18.688	4.702	219.15	63.51	6.702
%RSD	.9784243	.1715325	.3627433	.6216701	.1565283

#1	1888.800	2737.634	60214.63	10149.48	4275.162
#2	1917.116	2740.033	60376.87	10276.07	4282.087
#3	1924.086	2746.709	60648.36	10221.67	4288.565