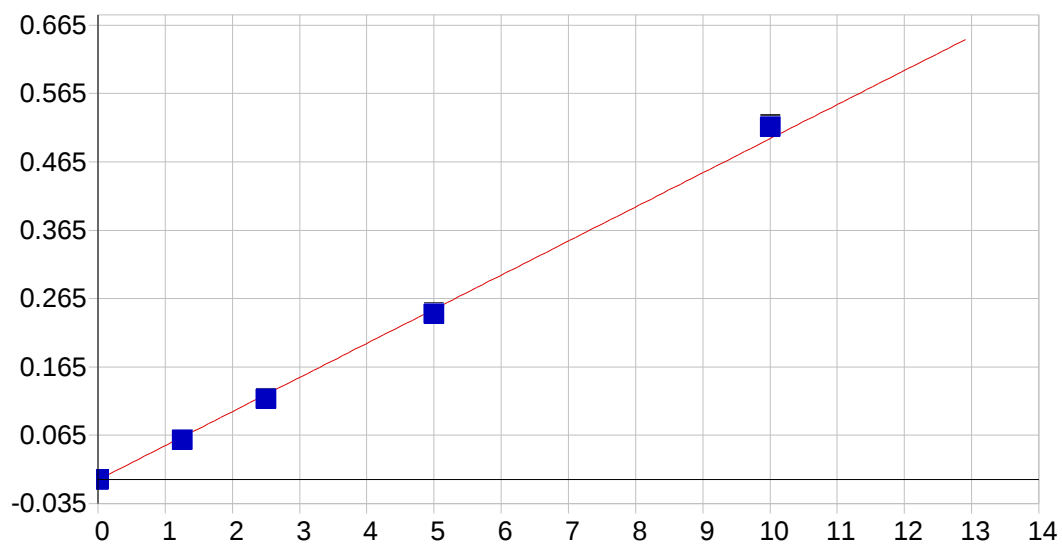


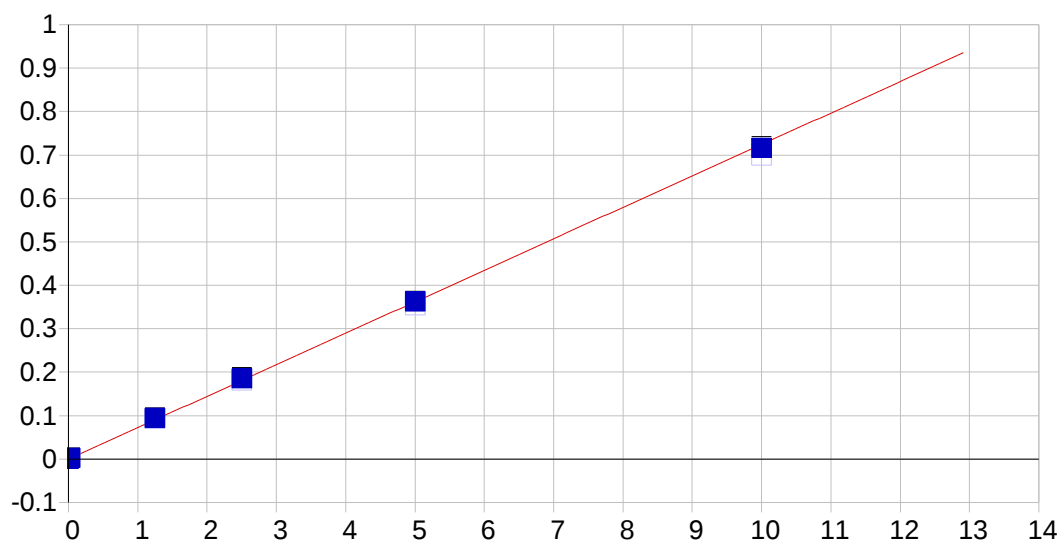


As 189.042 {479}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.049895 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999287 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002711
 Predicted MQL: 0.009037

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.01000	.00875	-.001	-12.5	.00034	.000	1
S2	1.2500	1.1722	-.078	-6.22	.05855	.000	1
S3	2.5000	2.3717	-.128	-5.13	.11857	.000	1
S4	5.0000	4.8653	-.135	-2.69	.24332	.001	1
S5	10.000	10.342	.342	3.42	.51725	.002	1



Date of Fit: 11/13/2017 15:40:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000161

Re-Slope: 1.000000

A1 (Gain): 0.072444

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999843

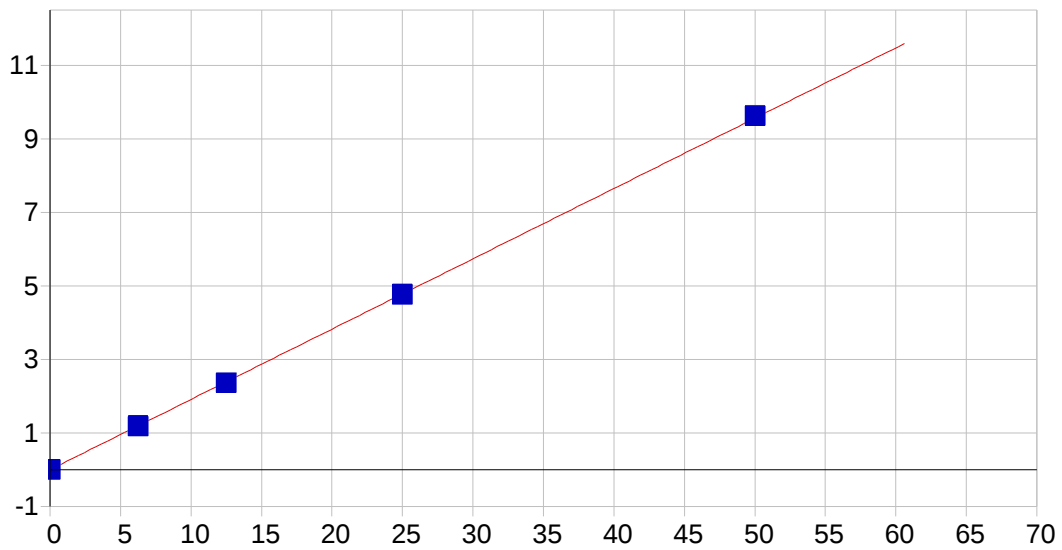
Status: OK.

Std Error of Est: 0.000033

Predicted MDL: 0.001568

Predicted MQL: 0.005228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.02500	.02784	.003	11.4	.00170	.000	1
S2	1.2500	1.3068	.057	4.55	.09235	.000	1
S3	2.5000	2.5587	.059	2.35	.18088	.002	1
S4	5.0000	4.9968	-.003	-.065	.35318	.002	1
S5	10.000	9.8850	-.115	-1.15	.69866	.004	1

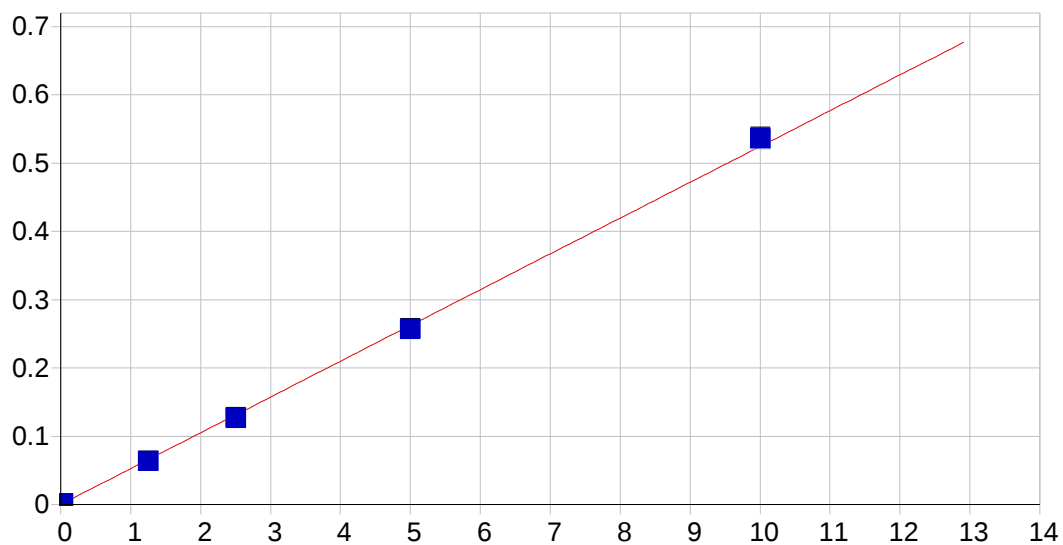


Pb 220.353 {453}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000129 Re-Slope: 1.000000
 A1 (Gain): 0.191178 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001277
 Predicted MQL: 0.004255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.01000	.01011	.000	1.06	.00180	.000	1
S2	6.2500	6.1940	-.056	-.896	1.1843	.003	1
S3	12.500	12.365	-.135	-1.08	2.3643	.008	1
S4	25.000	24.890	-.110	-.439	4.7595	.009	1
S5	50.000	50.301	.301	.602	9.6185	.018	1

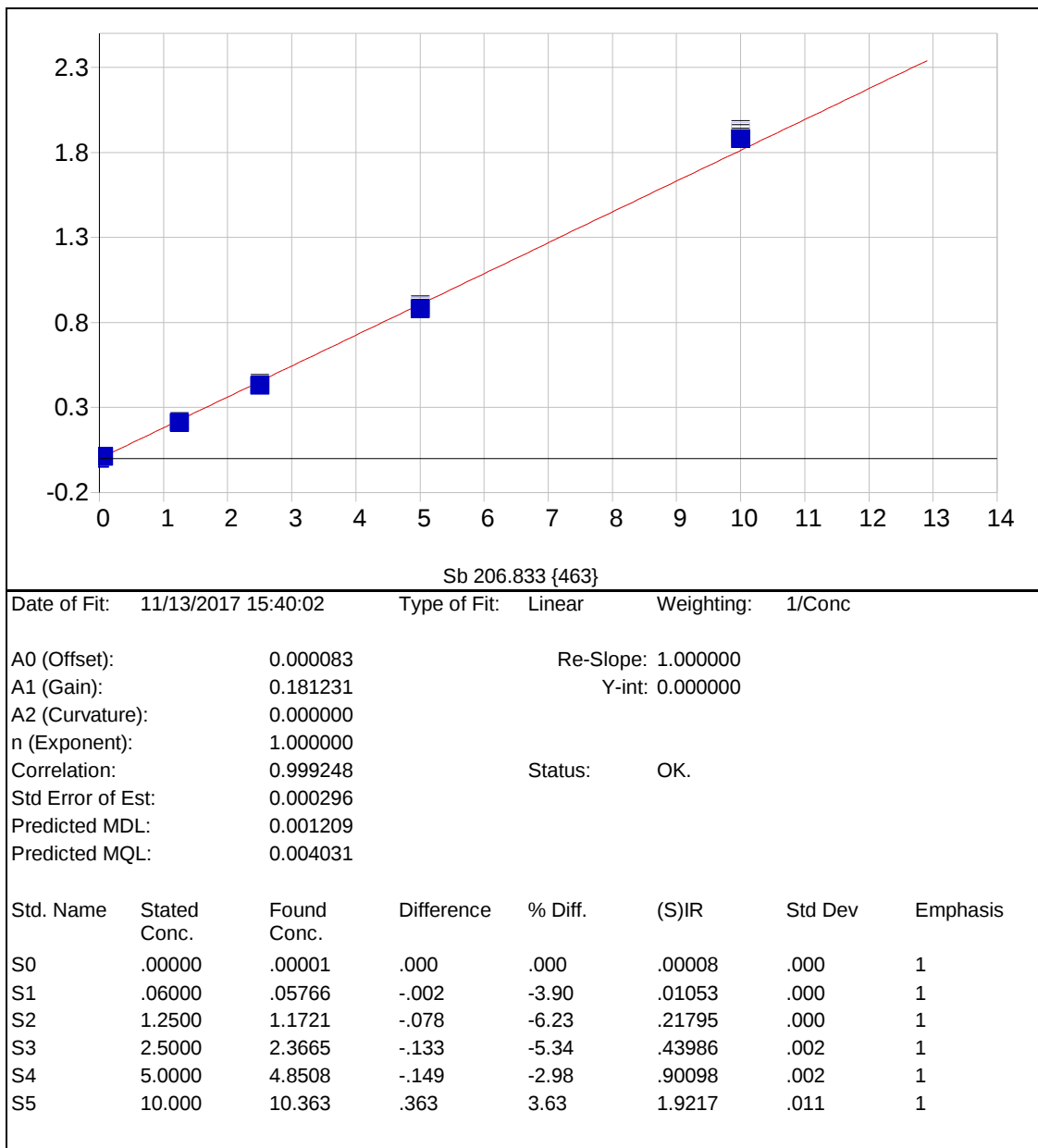


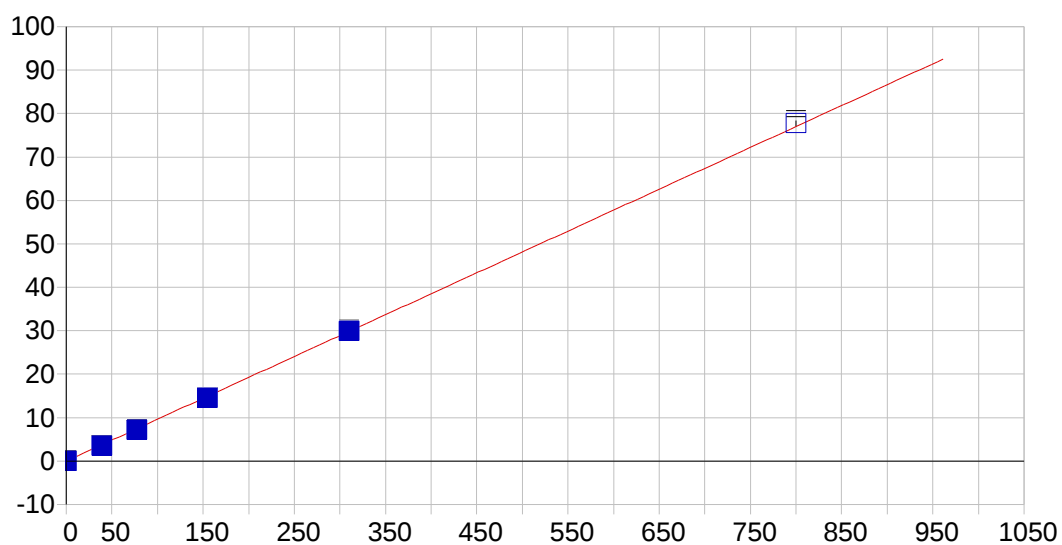
Se 196.090 {472}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.052432 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999696 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.002970
 Predicted MQL: 0.009898

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.03500	.03292	-.002	-5.94	.00184	.000	1
S2	1.2500	1.2060	-.044	-3.52	.06311	.000	1
S3	2.5000	2.4200	-.080	-3.20	.12652	.001	1
S4	5.0000	4.9000	-.100	-2.00	.25606	.001	1
S5	10.000	10.226	.226	2.26	.53435	.002	1



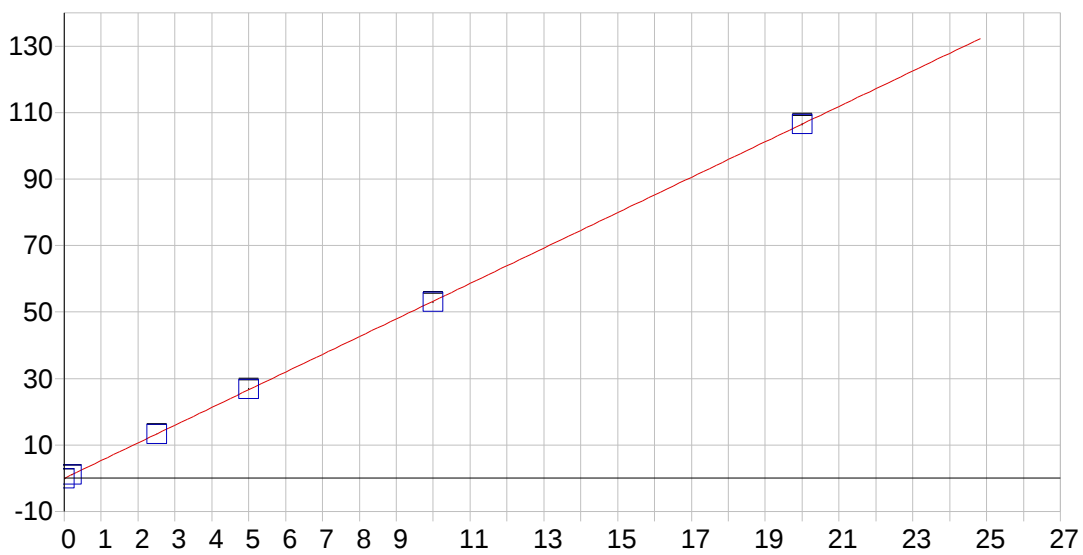


AI 396.152 { 85}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000034	Re-Slope: 1.000000
A1 (Gain):	0.096268	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999864	Status: OK.
Std Error of Est:	0.000987	
Predicted MDL:	0.006175	
Predicted MQL:	0.020585	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00004	.001	1
S1	.20000	.19071	-.009	-4.64	.01843	.001	1
S2	38.750	36.749	-2.00	-5.16	3.5422	.009	1
S3	77.500	74.597	-2.90	-3.75	7.1902	.047	1
S4	155.00	151.26	-3.74	-2.41	14.580	.038	1
S5	310.00	311.32	1.32	.426	30.006	.117	1
S6	800.00	807.34	7.34	.917	77.720	.720	1

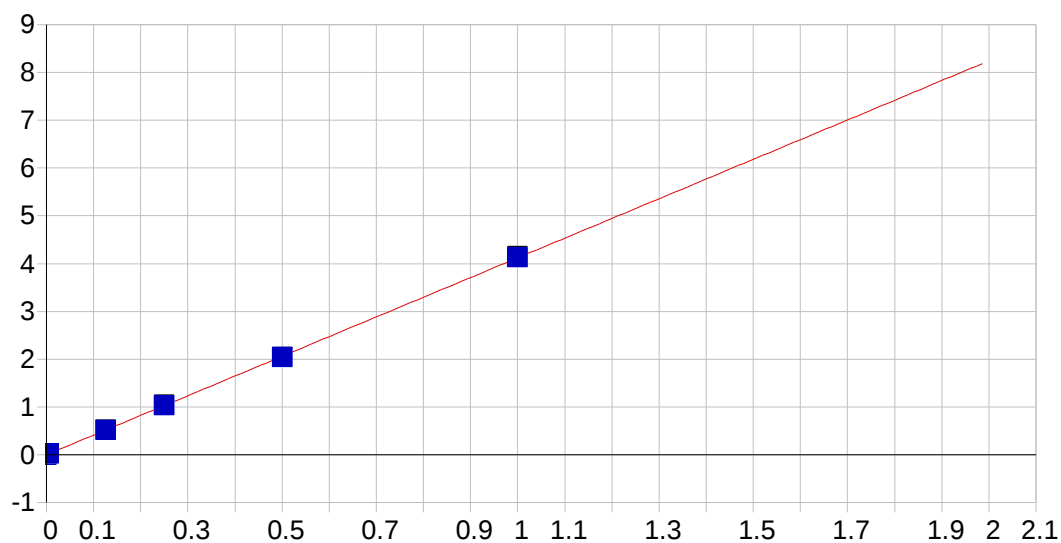


Ba 493.409 { 68}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.017663 Re-Slope: 1.000000
 A1 (Gain): 5.327338 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.002531
 Predicted MDL: 0.000288
 Predicted MQL: 0.000958

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01769	.001	1
S1	.20000	.20357	.004	1.79	1.0668	.005	1
S2	2.5000	2.5056	.006	.225	13.331	.039	1
S3	5.0000	5.0458	.046	.916	26.863	.212	1
S4	10.000	9.9494	-.051	-.506	52.986	.257	1
S5	20.000	19.996	-.004	-.022	106.51	.268	1

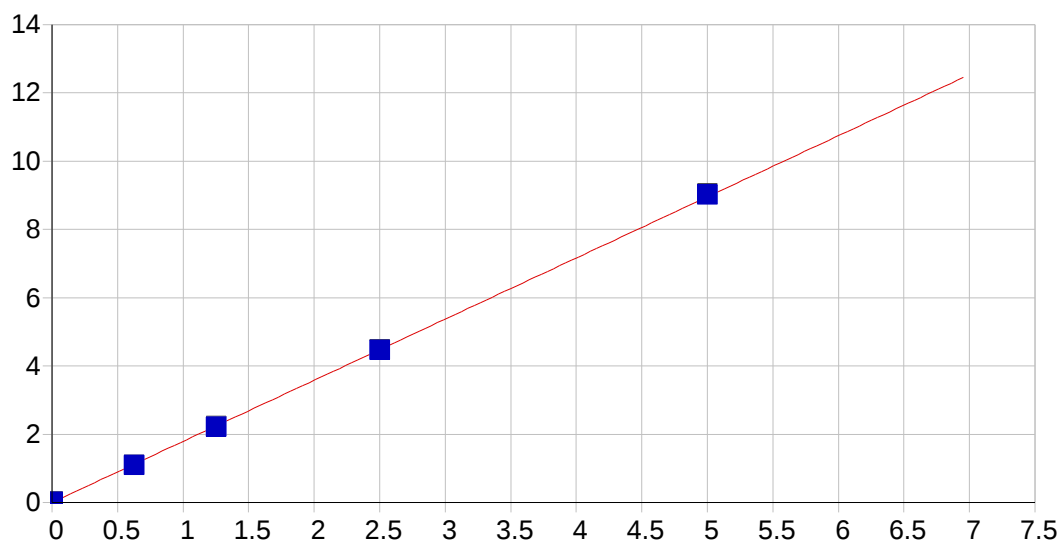


Be 234.861 {144}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001999	Re-Slope: 1.000000
A1 (Gain):	4.122271	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999974	Status: OK.
Std Error of Est:	0.000111	
Predicted MDL:	0.000075	
Predicted MQL:	0.000251	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00200	.000	1
S1	.00500	.00537	.000	7.50	.02014	.000	1
S2	.12500	.12608	.001	.860	.51599	.001	1
S3	.25000	.25063	.001	.252	1.0277	.008	1
S4	.50000	.49506	-.005	-.988	2.0319	.004	1
S5	1.0000	1.0029	.003	.286	4.1182	.022	1

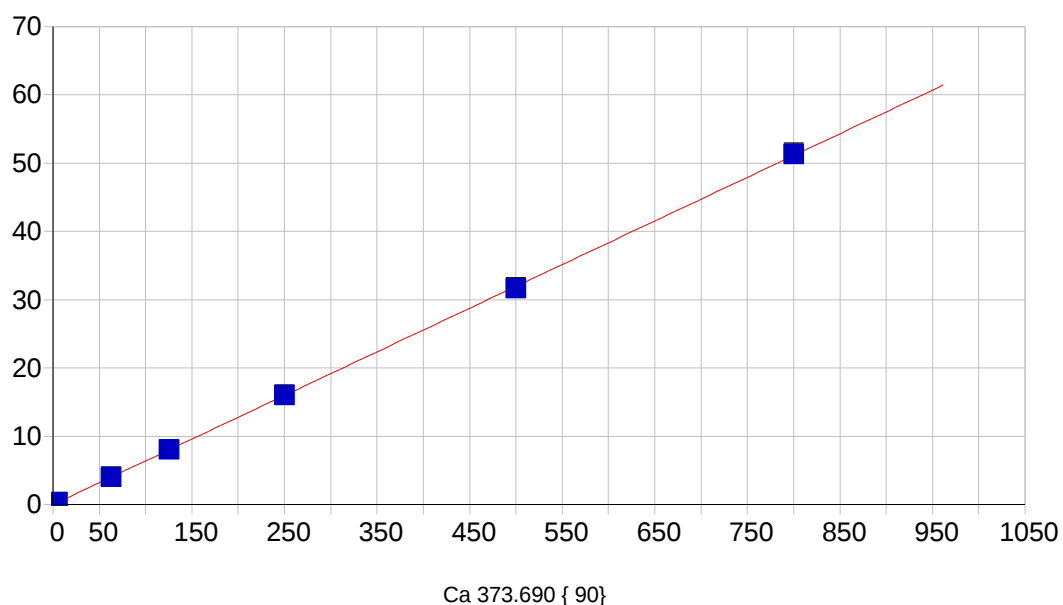


Cd 214.438 {457}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000116 Re-Slope: 1.000000
 A1 (Gain): 1.791253 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.000087
 Predicted MQL: 0.000291

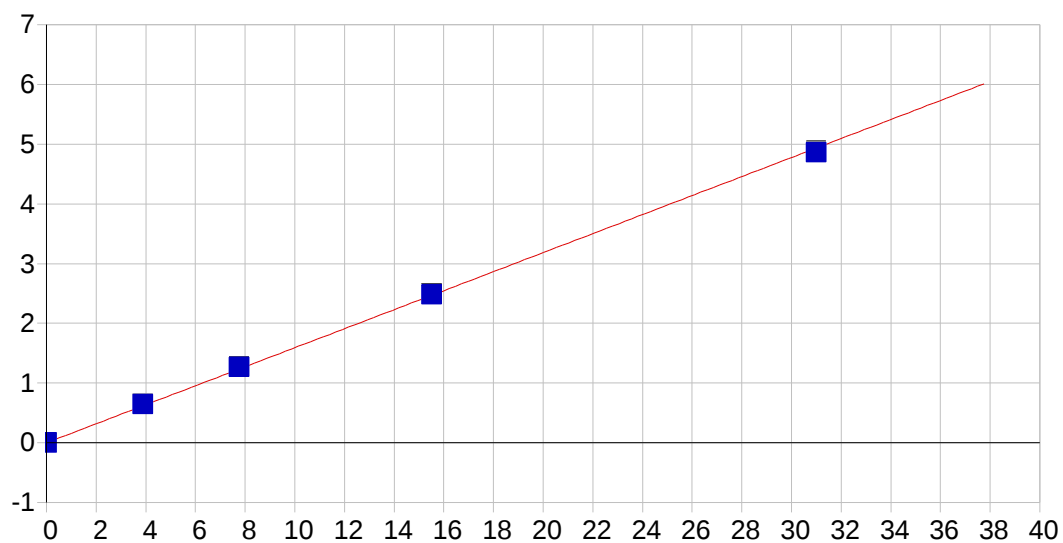
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.00500	.00488	.000	-2.45	.00886	.000	1
S2	.62500	.61417	-.011	-1.73	1.1029	.004	1
S3	1.2500	1.2384	-.012	-.928	2.2237	.010	1
S4	2.5000	2.4917	-.008	-.334	4.4738	.007	1
S5	5.0000	5.0309	.031	.618	9.0328	.013	1



Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002065 Re-Slope: 1.000000
 A1 (Gain): 0.063905 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.001456
 Predicted MDL: 0.008925
 Predicted MQL: 0.029752

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00018	.000	.000	.00205	.001	1
S1	5.0000	5.1282	.128	2.56	.32977	.002	1
S2	62.500	63.080	.580	.927	4.0283	.013	1
S3	125.00	125.69	.686	.549	8.0243	.040	1
S4	250.00	250.43	.435	.174	15.987	.037	1
S5	500.00	495.06	-4.94	-.989	31.600	.120	1
S6	800.00	803.12	3.12	.390	51.222	.171	1

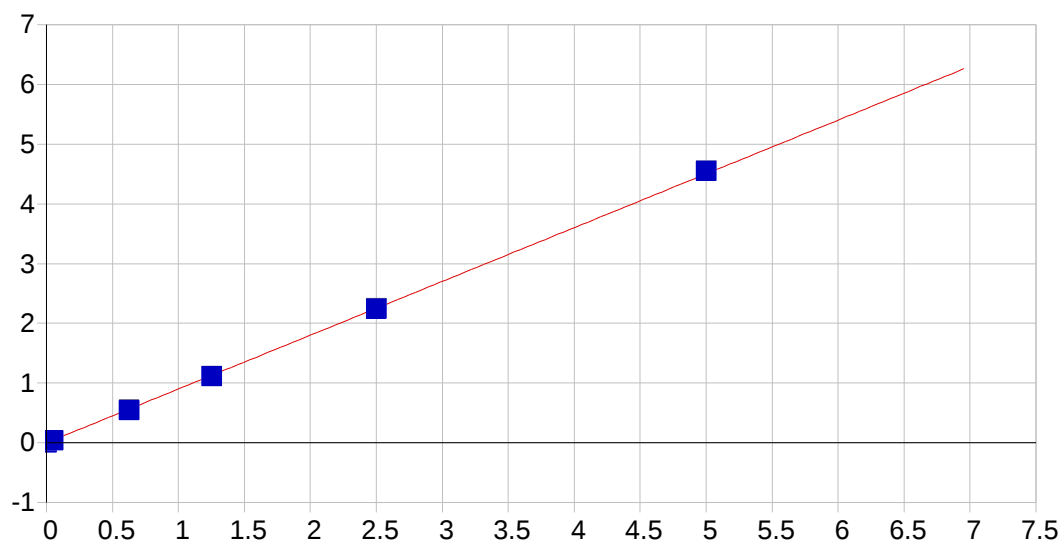


Cr 267.716 {126}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000074 Re-Slope: 1.000000
 A1 (Gain): 0.159194 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999792 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.000458
 Predicted MQL: 0.001526

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.01132	.001	13.2	.00175	.000	1
S2	3.8750	4.0653	.190	4.91	.64870	.002	1
S3	7.7500	7.9761	.226	2.92	1.2729	.002	1
S4	15.500	15.576	.076	.492	2.4860	.015	1
S5	31.000	30.506	-.494	-1.59	4.8691	.014	1

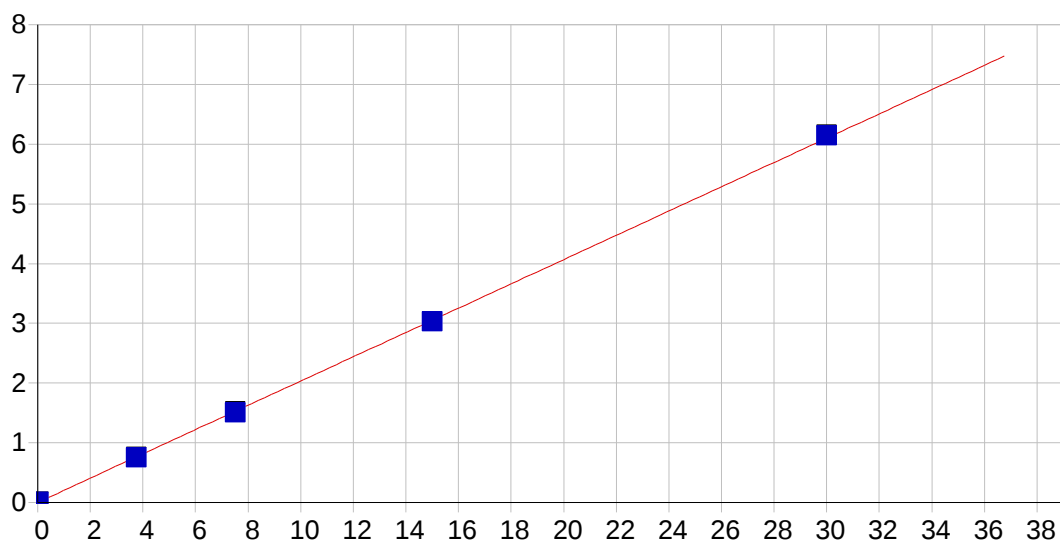


Co 228.616 {448}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000225 Re-Slope: 1.000000
 A1 (Gain): 0.900481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000304
 Predicted MDL: 0.000192
 Predicted MQL: 0.000641

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00022	.000	1
S1	.05000	.04671	-.003	-6.58	.04200	.000	1
S2	.62500	.60796	-.017	-2.73	.54840	.002	1
S3	1.2500	1.2307	-.019	-1.54	1.1104	.003	1
S4	2.5000	2.4895	-.010	-.420	2.2462	.003	1
S5	5.0000	5.0501	.050	1.00	4.5567	.002	1

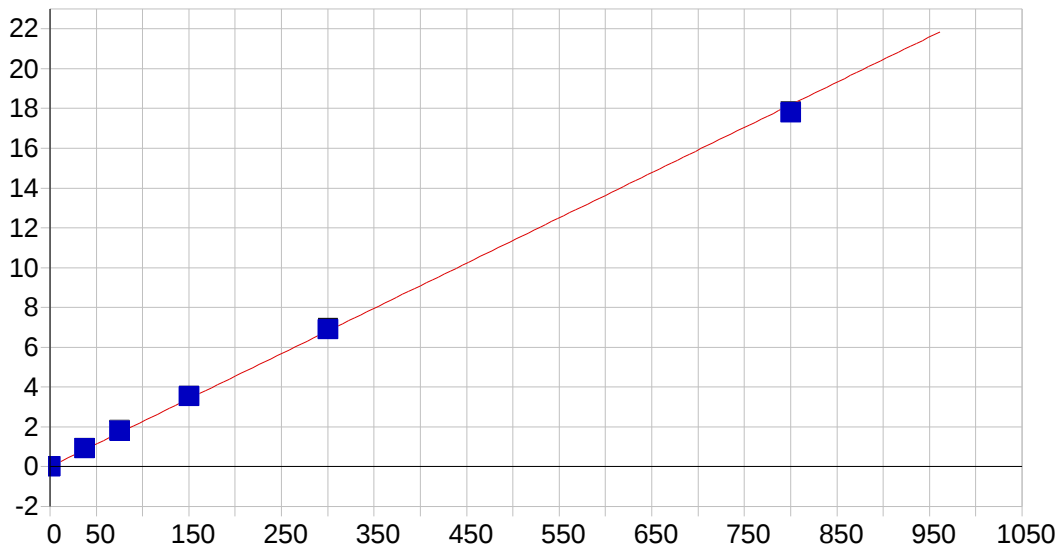


Cu 324.754 {104}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000771 Re-Slope: 1.000000
 A1 (Gain): 0.203295 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.001764
 Predicted MQL: 0.005879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00077	.000	1
S1	.02500	.02545	.000	1.79	.00592	.000	1
S2	3.7500	3.7077	-.042	-1.13	.75387	.004	1
S3	7.5000	7.4053	-.095	-1.26	1.5049	.015	1
S4	15.000	14.903	-.097	-.645	3.0279	.003	1
S5	30.000	30.233	.233	.778	6.1418	.009	1

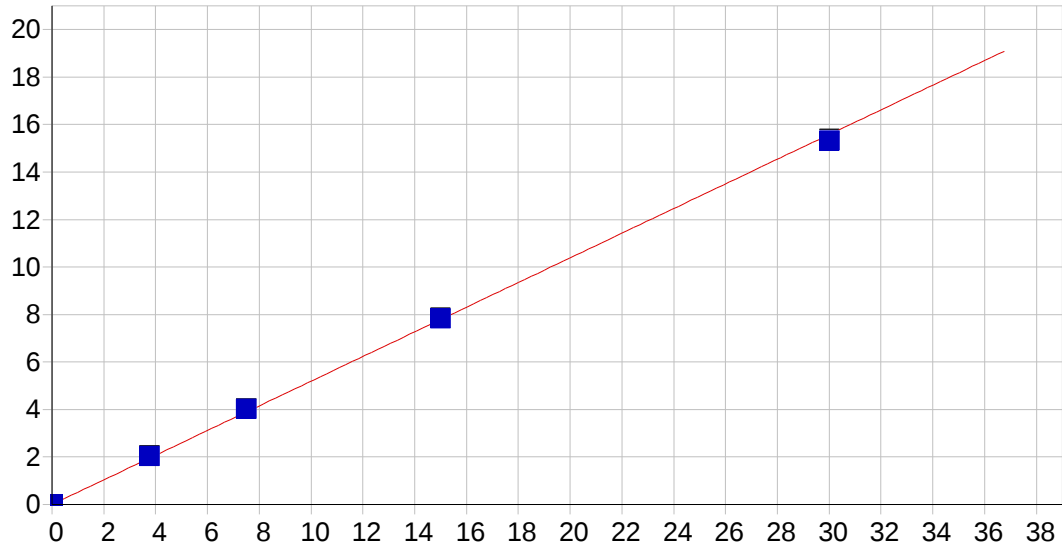


Fe 259.837 {130}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.022729 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999597 Status: OK.
 Std Error of Est: 0.000282
 Predicted MDL: 0.008125
 Predicted MQL: 0.027083

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	-.00001	.000	1
S1	.10000	.11861	.019	18.6	.00270	.000	1
S2	37.500	40.454	2.95	7.88	.92050	.002	1
S3	75.000	79.635	4.63	6.18	1.8120	.011	1
S4	150.00	155.20	5.20	3.47	3.5316	.009	1
S5	300.00	303.88	3.88	1.29	6.9151	.031	1
S6	800.00	783.30	-16.7	-2.09	17.813	.027	1

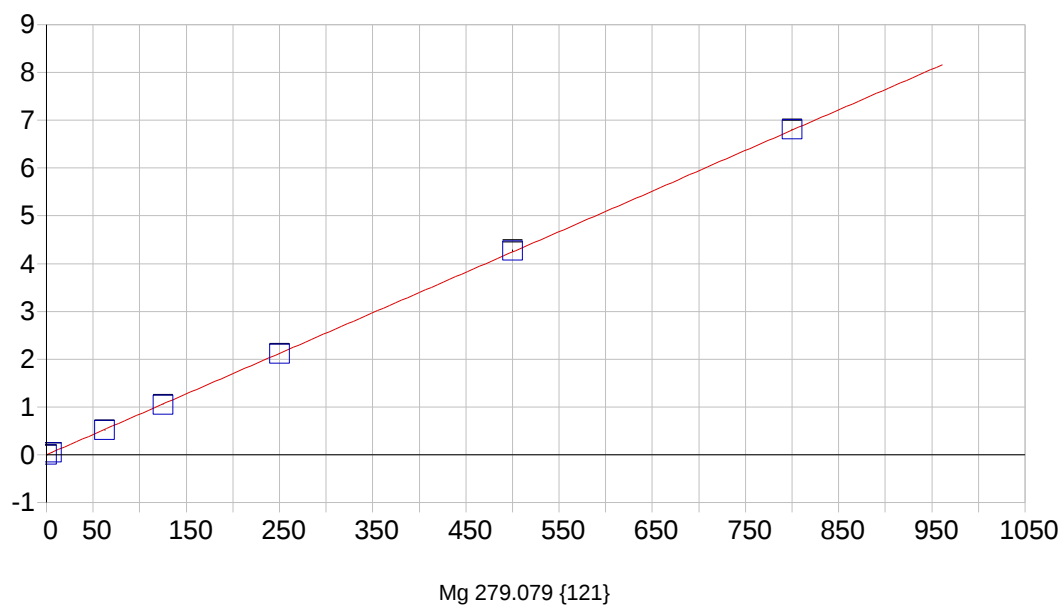


Mn 257.610 {131}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000126	Re-Slope: 1.000000
A1 (Gain):	0.519401	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999786	Status: OK.
Std Error of Est:	0.000382	
Predicted MDL:	0.000402	
Predicted MQL:	0.001340	

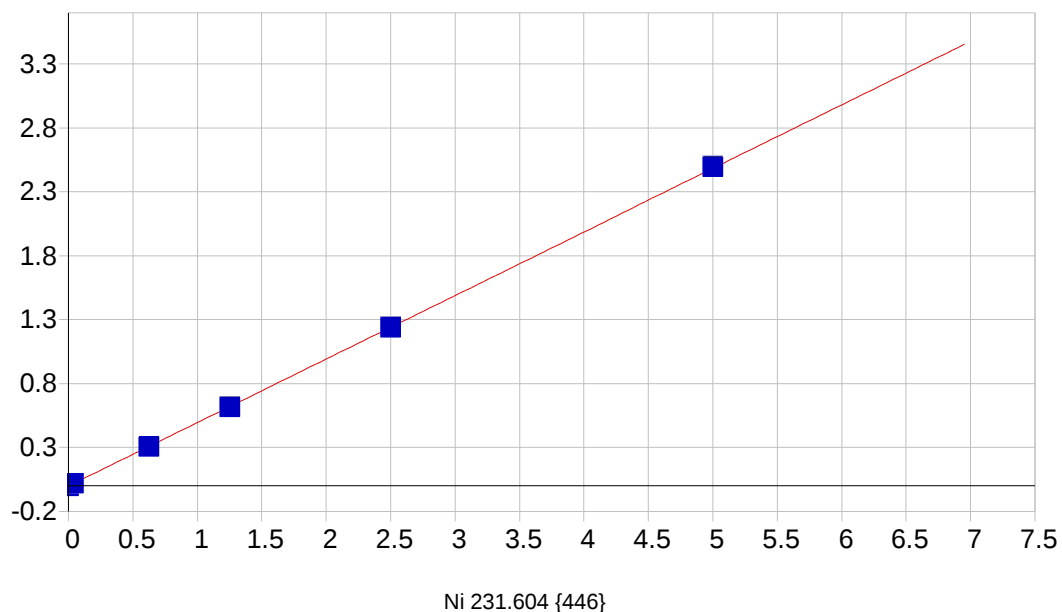
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01500	.01641	.001	9.41	.00866	.000	1
S2	3.7500	3.9303	.180	4.81	2.0420	.007	1
S3	7.5000	7.7266	.227	3.02	4.0142	.024	1
S4	15.000	15.082	.082	.544	7.8352	.023	1
S5	30.000	29.510	-.490	-1.63	15.331	.063	1



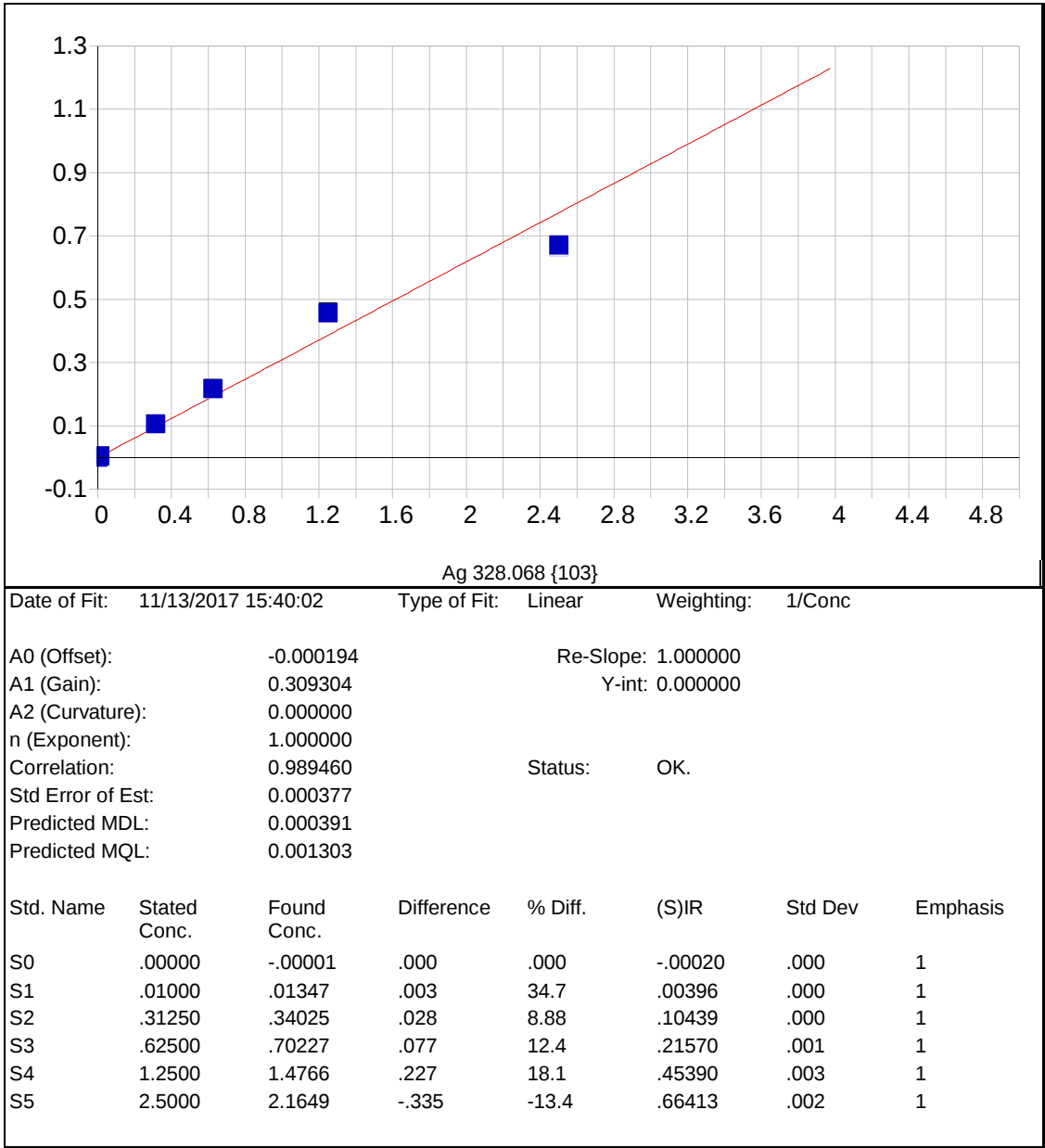
Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

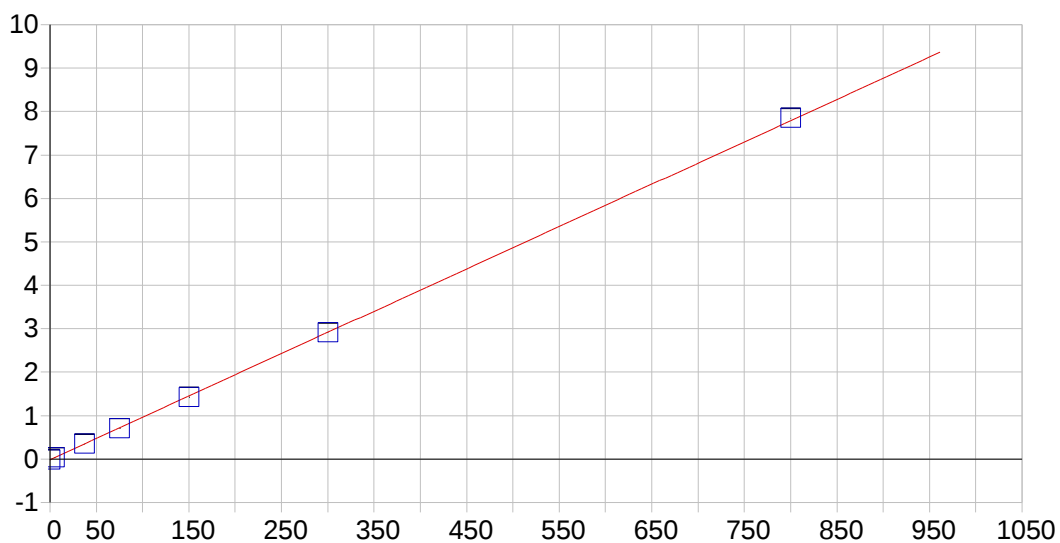
A0 (Offset): -0.000125 Re-Slope: 1.000000
 A1 (Gain): 0.008489 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.025383
 Predicted MQL: 0.084611

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	-.00012	.000	1
S1	5.0000	4.8566	-.143	-2.87	.04110	.000	1
S2	62.500	60.808	-1.69	-2.71	.51609	.002	1
S3	125.00	123.17	-1.83	-1.46	1.0455	.007	1
S4	250.00	249.24	-.756	-.302	2.1158	.007	1
S5	500.00	503.06	3.06	.612	4.2705	.020	1
S6	800.00	801.35	1.35	.169	6.8028	.011	1



Date of Fit:	11/13/2017 15:40:02	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.001051	Re-Slope: 1.000000					
A1 (Gain):	0.496806	Y-int: 0.000000					
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999986	Status:	OK.				
Std Error of Est:	0.000063						
Predicted MDL:	0.000356						
Predicted MQL:	0.001185						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00105	.000	1
S1	.04000	.03927	-.001	-1.82	.01849	.000	1
S2	.62500	.61680	-.008	-1.31	.30702	.001	1
S3	1.2500	1.2416	-.008	-.674	.61904	.002	1
S4	2.5000	2.4968	-.003	-.129	1.2459	.000	1
S5	5.0000	5.0206	.021	.411	2.5063	.002	1



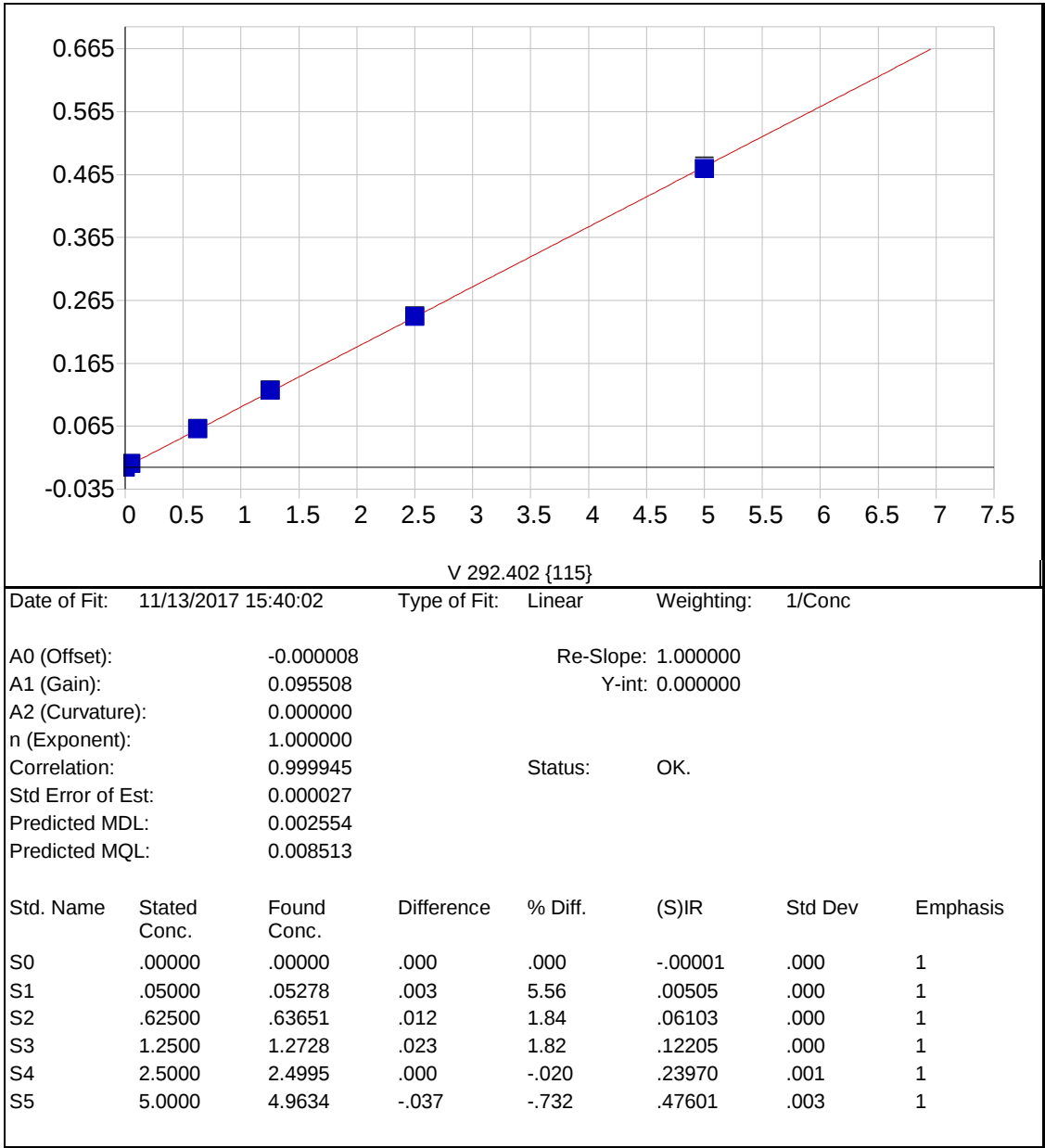


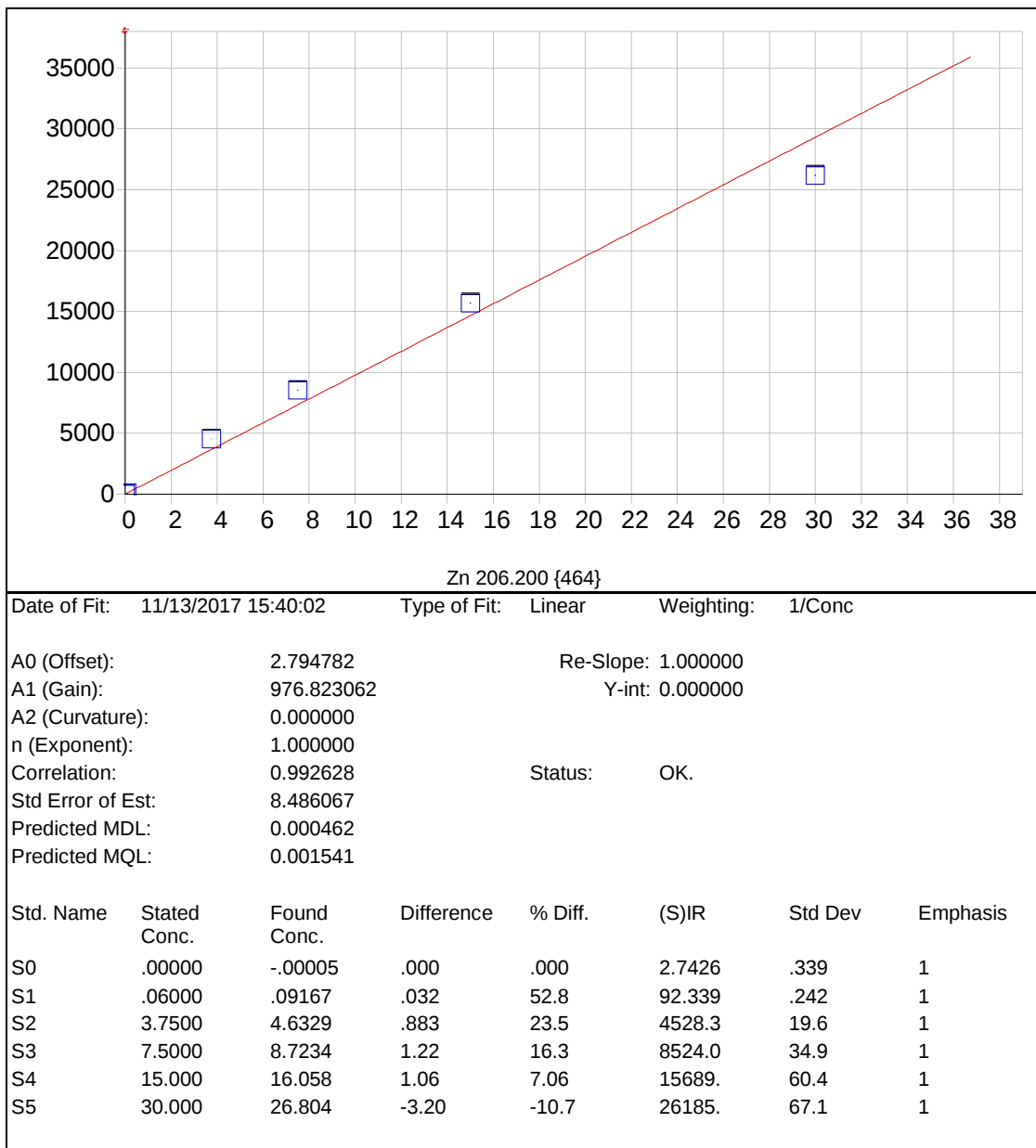
Na 818.326 { 41}

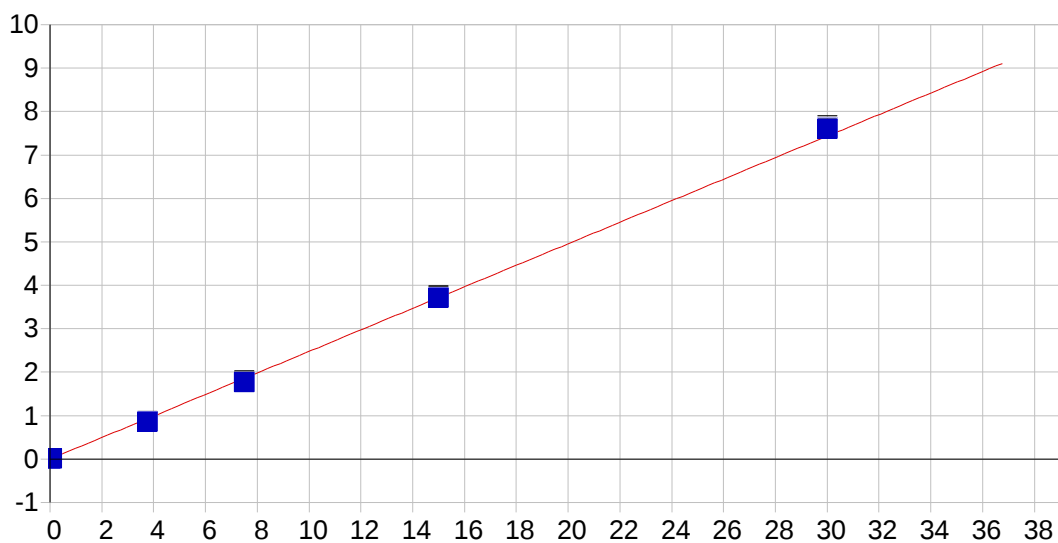
Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008628 Re-Slope: 1.000000
 A1 (Gain): 0.009747 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000342
 Predicted MDL: 0.143321
 Predicted MQL: 0.477738

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00041	.000	.000	-.00862	.001	1
S1	5.0000	4.9166	-.083	-1.67	.03929	.001	1
S2	37.500	36.343	-1.16	-3.09	.34561	.002	1
S3	75.000	73.525	-1.47	-1.97	.70802	.002	1
S4	150.00	146.95	-3.05	-2.03	1.4237	.004	1
S5	300.00	299.59	-.409	-.136	2.9115	.009	1
S6	800.00	806.17	6.17	.772	7.8491	.007	1





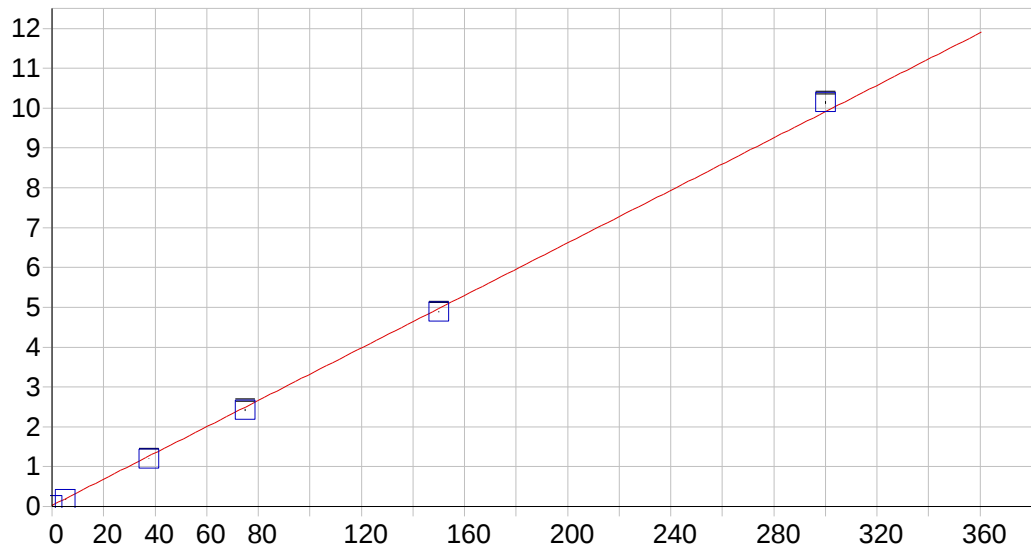


Zn 213.856 {158}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000043 Re-Slope: 1.000000
 A1 (Gain): 0.247844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999551 Status: OK.
 Std Error of Est: 0.000531
 Predicted MDL: 0.002750
 Predicted MQL: 0.009167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00004	.001	1
S1	.06000	.06066	.001	1.10	.01505	.001	1
S2	3.7500	3.4780	-.272	-7.25	.86697	.007	1
S3	7.5000	7.1454	-.355	-4.73	1.7809	.021	1
S4	15.000	14.965	-.035	-.232	3.7291	.033	1
S5	30.000	30.661	.661	2.20	7.6392	.037	1

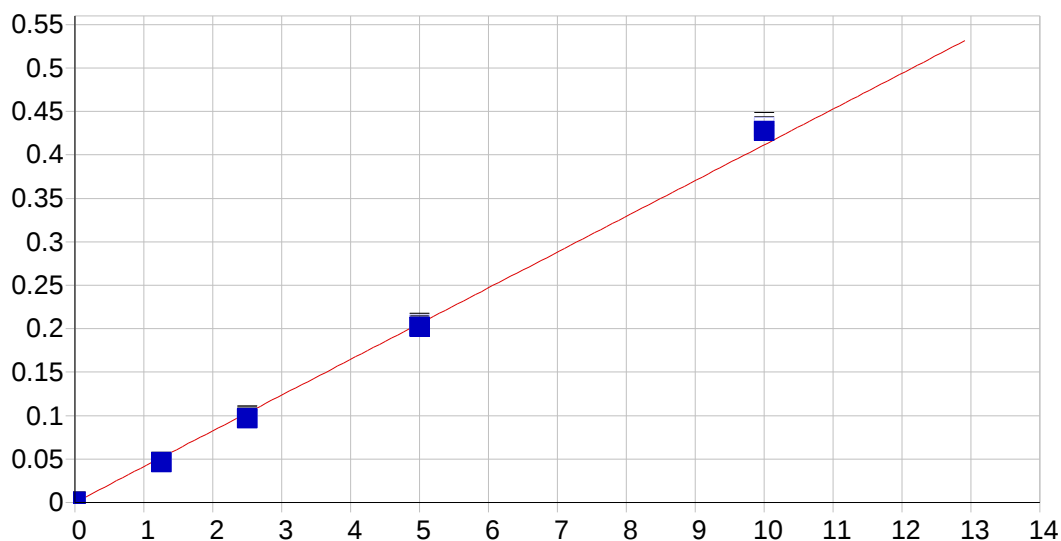


K 769.896 { 44}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025576 Re-Slope: 1.000000
 A1 (Gain): 0.032961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999667 Status: OK.
 Std Error of Est: 0.001755
 Predicted MDL: 0.039758
 Predicted MQL: 0.132526

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00065	.001	.000	.02560	.001	1
S1	5.0000	4.7175	-.283	-5.65	.18107	.001	1
S2	37.500	35.718	-1.78	-4.75	1.2029	.006	1
S3	75.000	72.660	-2.34	-3.12	2.4205	.025	1
S4	150.00	147.45	-2.55	-1.70	4.8856	.017	1
S5	300.00	306.95	6.95	2.32	10.143	.035	1

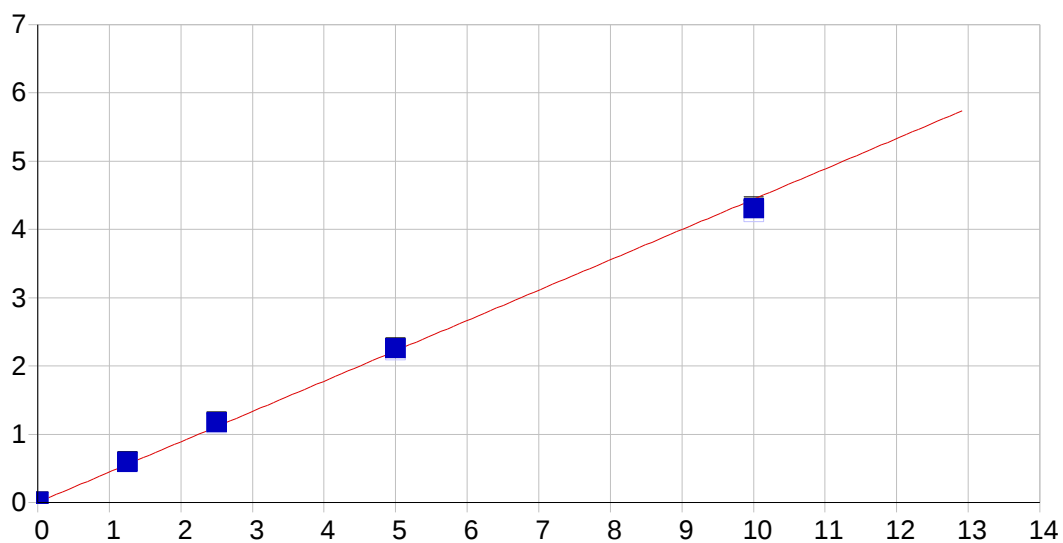


P 177.495 {490}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.041148 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998921 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002349
 Predicted MQL: 0.007829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.01072	.001	7.15	.00057	.000	1
S2	1.2500	1.1142	-.136	-10.9	.04656	.000	1
S3	2.5000	2.3386	-.161	-6.46	.09753	.002	1
S4	5.0000	4.9127	-.087	-1.75	.20462	.002	1
S5	10.000	10.384	.384	3.84	.43210	.005	1

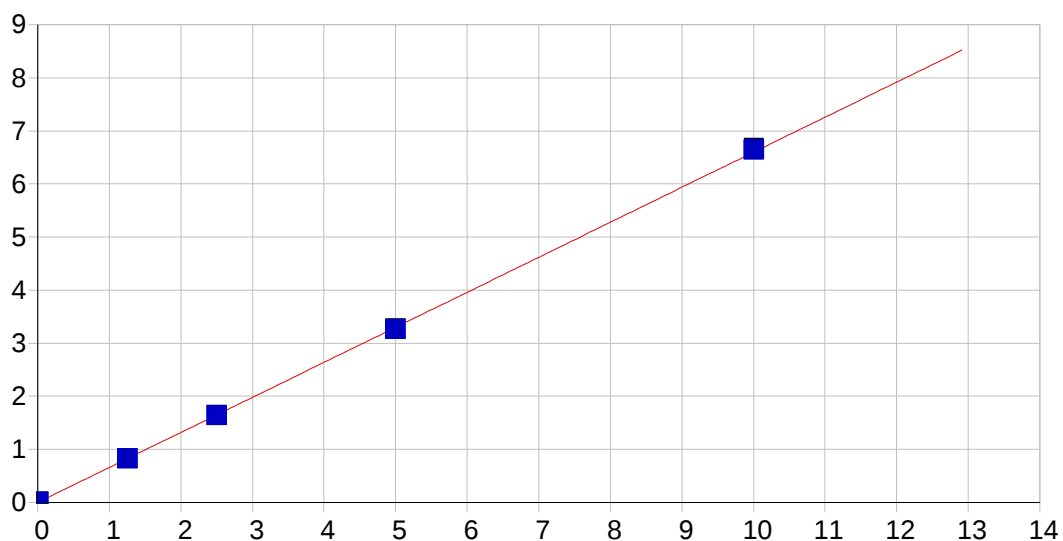


B 249.678 {135}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001173 Re-Slope: 1.000000
 A1 (Gain): 0.444198 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999332 Status: OK.
 Std Error of Est: 0.000269
 Predicted MDL: 0.000830
 Predicted MQL: 0.002767

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00117	.000	1
S1	.01000	.01076	.001	7.56	.00596	.000	1
S2	1.2500	1.3384	.088	7.07	.58873	.003	1
S3	2.5000	2.6386	.139	5.54	1.1593	.009	1
S4	5.0000	5.0770	.077	1.54	2.2286	.007	1
S5	10.000	9.6953	-.305	-3.05	4.2522	.028	1

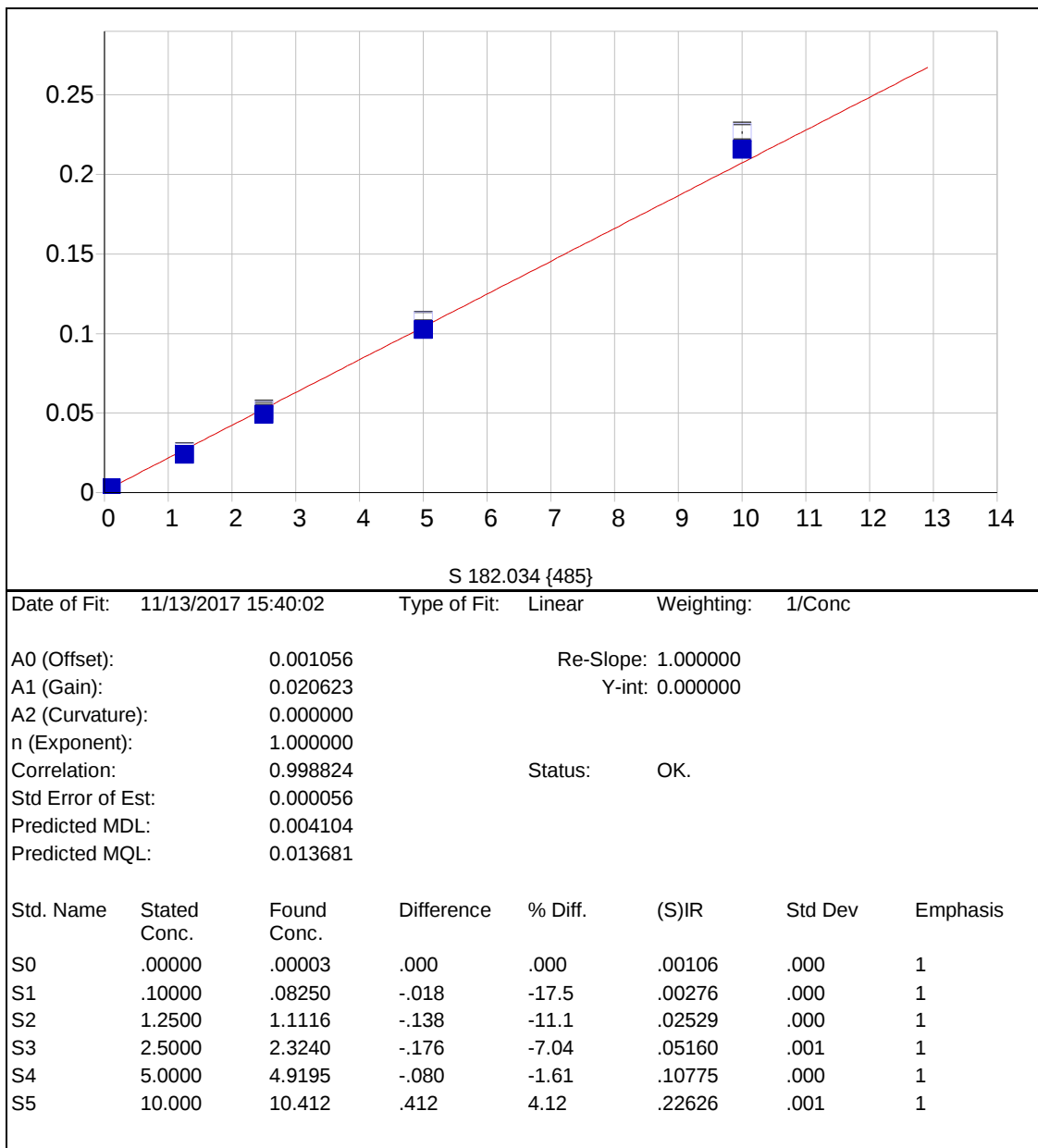


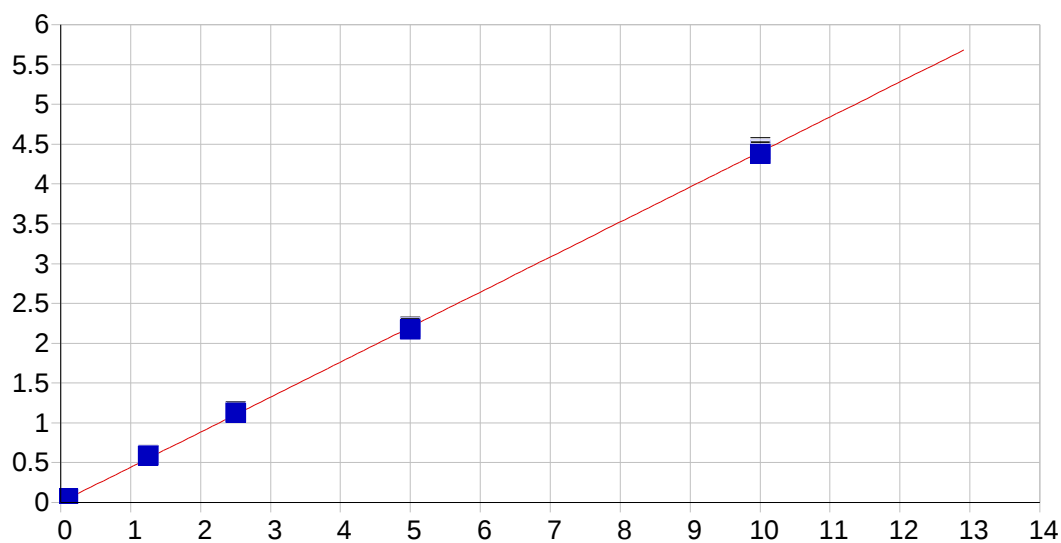
Mo 202.030 {467}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000462 Re-Slope: 1.000000
 A1 (Gain): 0.659730 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.000266
 Predicted MQL: 0.000886

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.01000	.01014	.000	1.40	.00717	.000	1
S2	1.2500	1.2517	.002	.134	.82698	.002	1
S3	2.5000	2.4818	-.018	-.728	1.6393	.007	1
S4	5.0000	4.9487	-.051	-1.03	3.2683	.004	1
S5	10.000	10.068	.068	.676	6.6484	.022	1



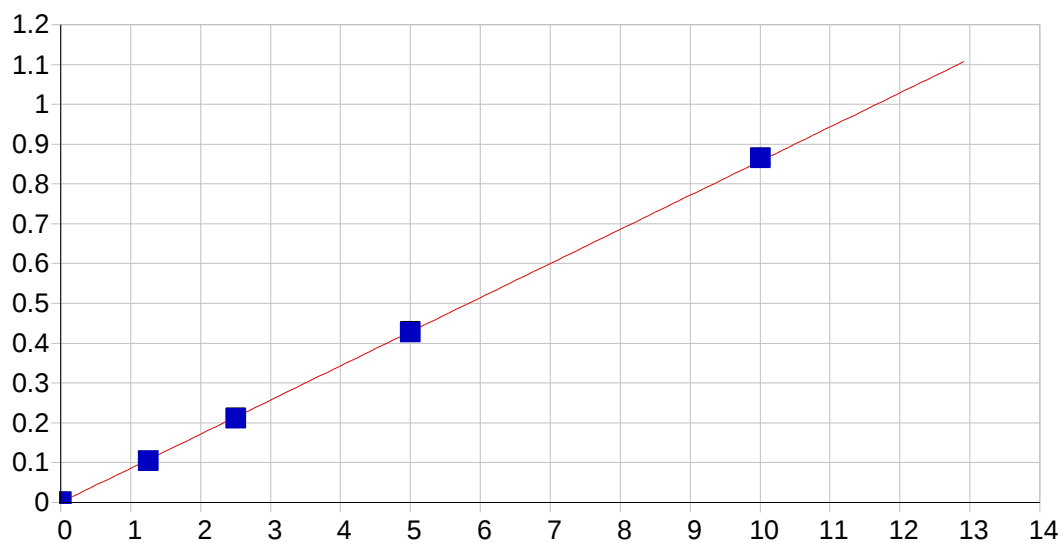


Si 251.611 {134}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003621 Re-Slope: 1.000000
 A1 (Gain): 0.439810 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000440
 Predicted MDL: 0.000855
 Predicted MQL: 0.002850

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00362	.000	1
S1	.10000	.10208	.002	2.08	.04868	.000	1
S2	1.2500	1.3260	.076	6.08	.59328	.002	1
S3	2.5000	2.5446	.045	1.79	1.1357	.009	1
S4	5.0000	4.9320	-.068	-1.36	2.1986	.009	1
S5	10.000	9.9453	-.055	-.547	4.4294	.027	1

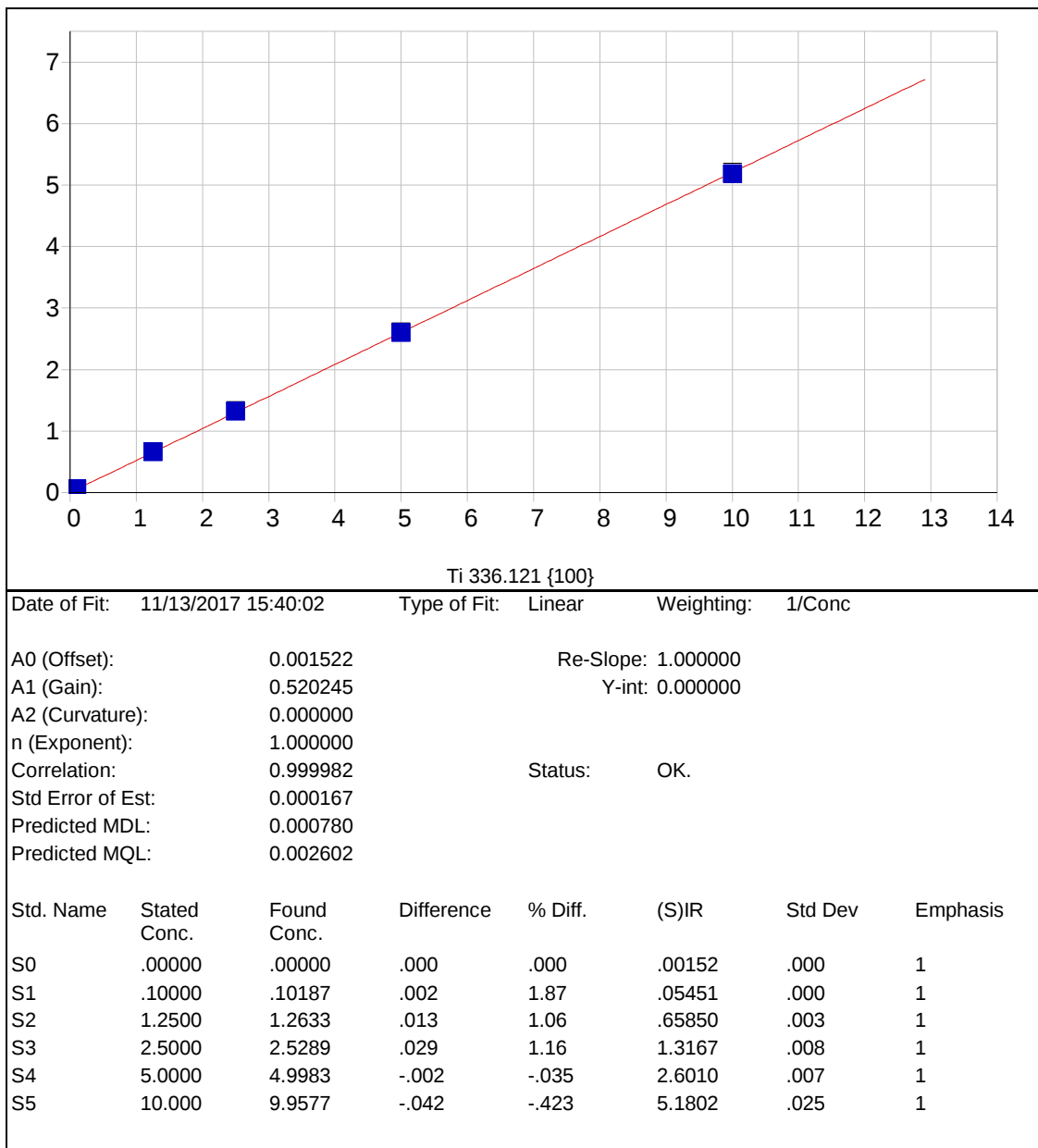


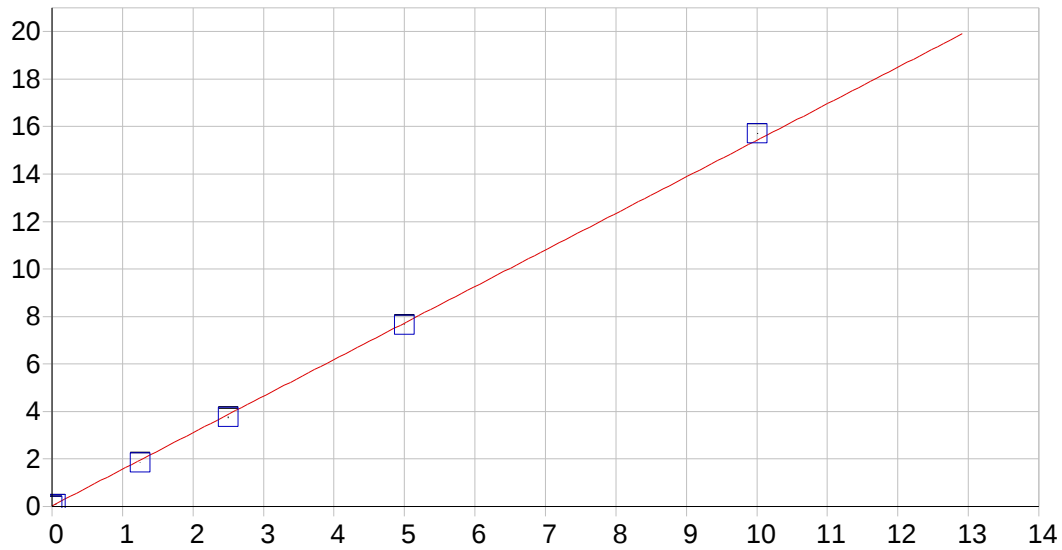
Sn 189.989 {478}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000231 Re-Slope: 1.000000
 A1 (Gain): 0.085709 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001012
 Predicted MQL: 0.003372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.00700	.00661	.000	-5.56	.00079	.000	1
S2	1.2500	1.2173	-.033	-2.62	.10448	.000	1
S3	2.5000	2.4620	-.038	-1.52	.21108	.001	1
S4	5.0000	4.9858	-.014	-.285	.42722	.002	1
S5	10.000	10.085	.085	.853	.86396	.001	1





Li 670.784 { 50}

Date of Fit: 11/13/2017 15:40:02 Type of Fit: Linear Weighting: 1/Conc

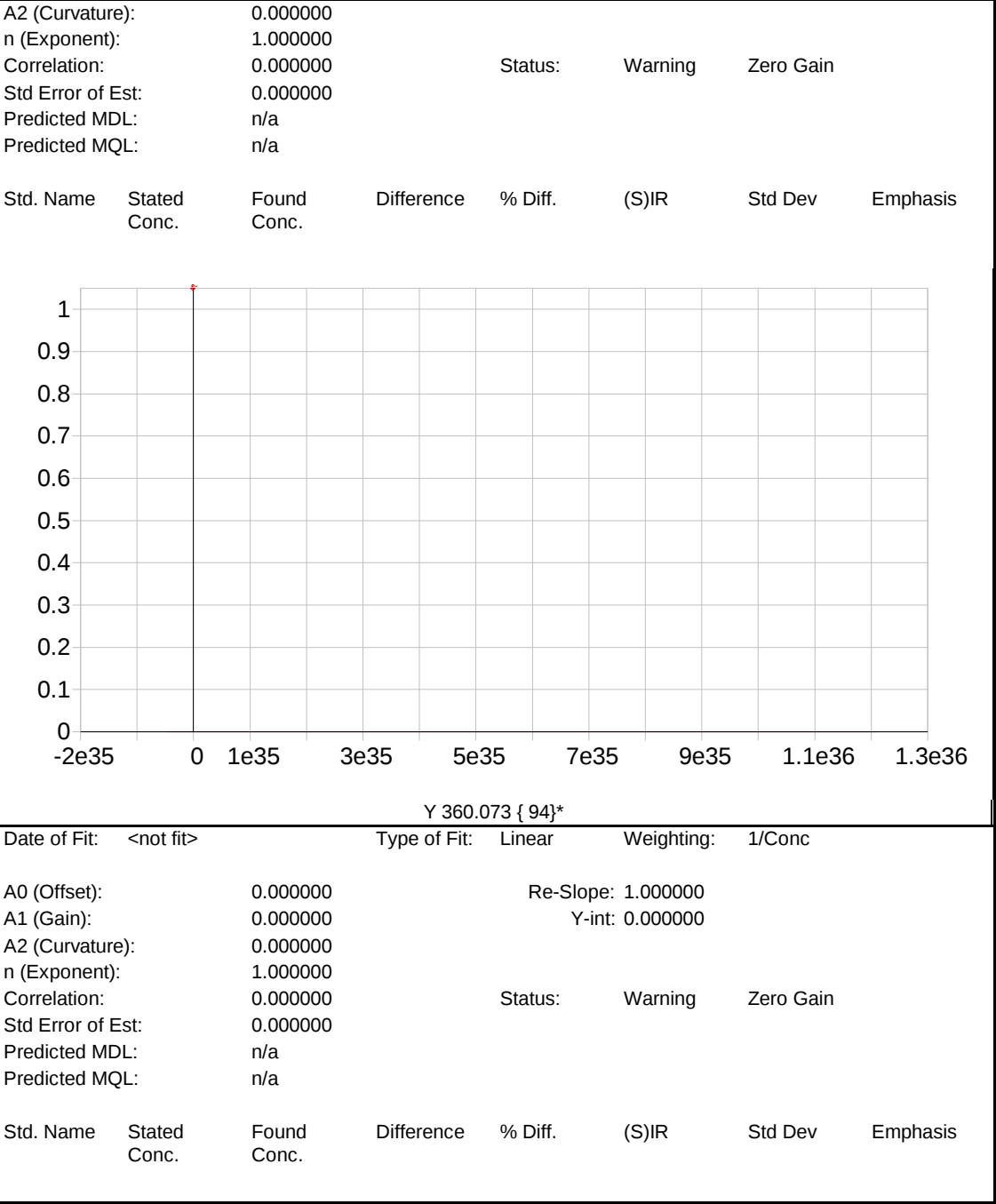
A0 (Offset): 0.030608 Re-Slope: 1.000000
 A1 (Gain): 1.539020 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738 Status: OK.
 Std Error of Est: 0.001322
 Predicted MDL: 0.000807
 Predicted MQL: 0.002688

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03062	.000	1
S5	10.000	10.189	.189	1.89	15.712	.002	1
S4	5.0000	4.9563	-.044	-.875	7.6584	.009	1
S3	2.5000	2.4205	-.079	-3.18	3.7558	.032	1
S2	1.2500	1.1876	-.062	-4.99	1.8584	.008	1
S1	.05000	.04650	-.004	-7.01	.10217	.000	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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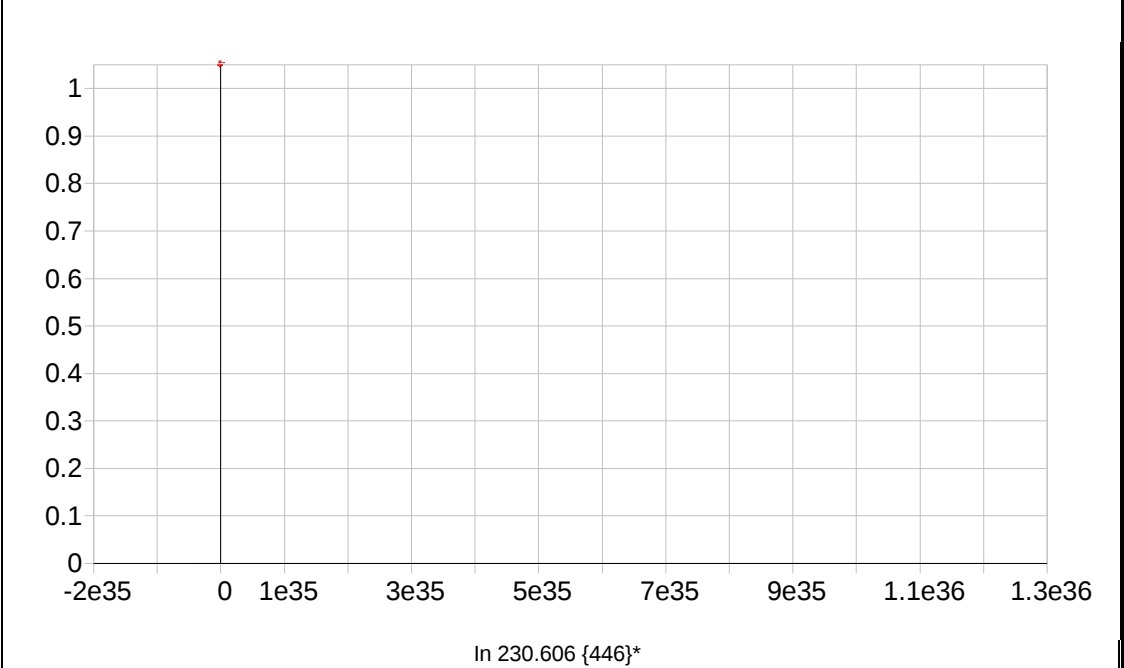




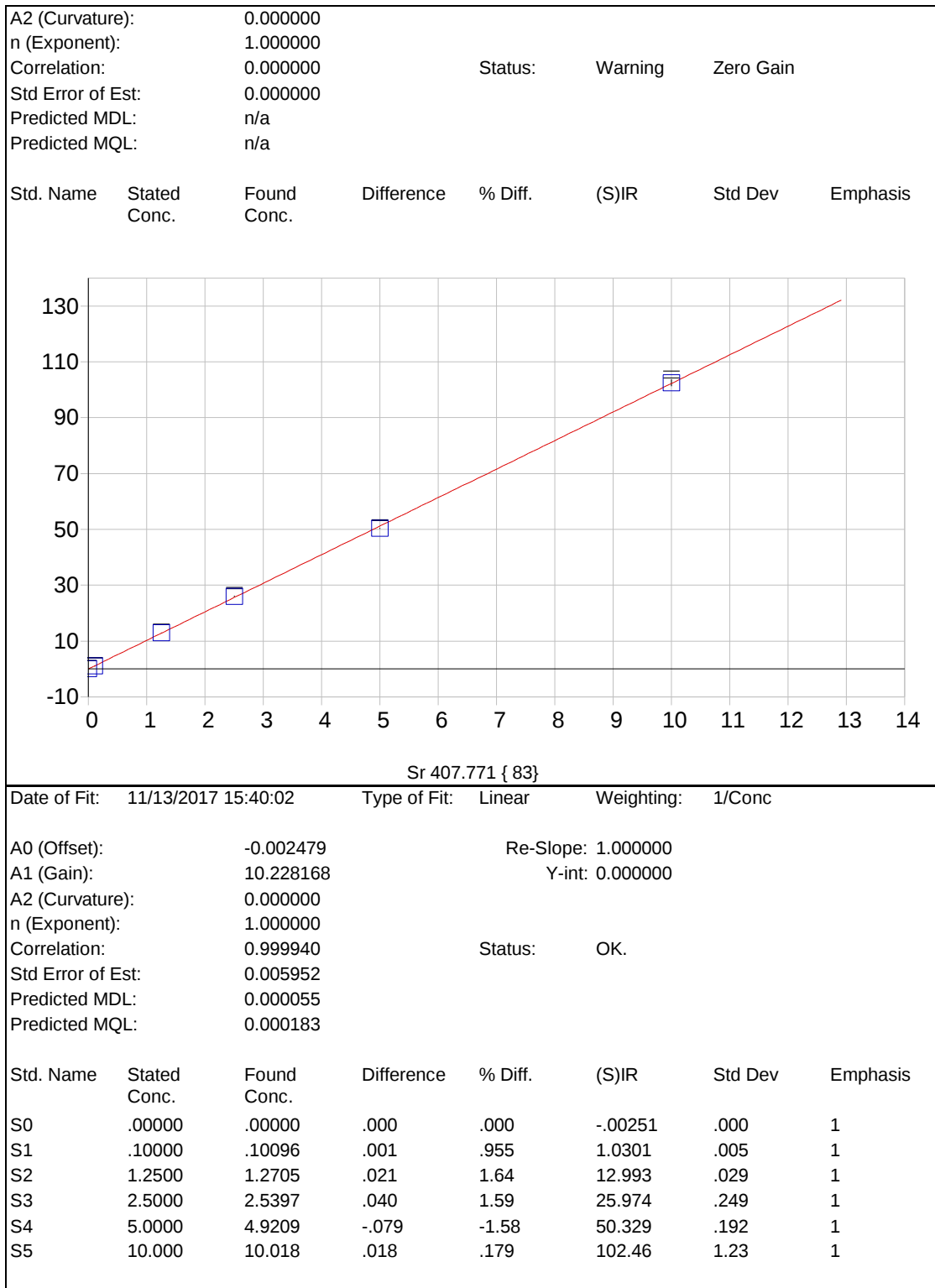


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 11/13/2017 11:23:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	-.00010	-.00016	-.00013	.00012	.00008	.00004	-.01769	-.00200
Stddev	.00004	.00006	.00020	.00003	.00013	.00054	.00114	.00024
%RSD	34.799	37.543	151.85	25.034	158.20	1450.1	6.4654	12.126

#1	-.00012	-.00017	.00006	.00012	-.00002	-.00005	-.01845	-.00221
#2	-.00012	-.00010	-.00012	.00009	.00023	-.00045	-.01637	-.00206
#3	-.00006	-.00021	-.00033	.00014	.00004	.00061	-.01825	-.00173

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	.00012	.00205	-.00007	-.00022	.00077	-.00001	.00012	-.00012
Stddev	.00004	.00051	.00004	.00006	.00042	.00018	.00008	.00025
%RSD	33.257	24.633	48.882	26.585	54.716	1531.6	63.719	202.73

#1	.00012	.00193	-.00003	-.00024	.00030	-.00017	.00018	-.00041
#2	.00015	.00261	-.00010	-.00026	.00112	.00019	.00003	-.00001
#3	.00008	.00162	-.00009	-.00015	.00090	-.00006	.00016	.00005

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	-.00105	-.00020	-.00862	-.00001	-.00004	.02560	.00013	.00117
Stddev	.00026	.00007	.00110	.00017	.00068	.00073	.00007	.00018
%RSD	24.508	35.550	12.762	2040.0	1625.5	2.8380	56.364	15.031

#1	-.00078	-.00026	-.00933	-.00007	.00059	.02596	.00015	.00126
#2	-.00109	-.00012	-.00919	-.00013	-.00077	.02476	.00018	.00129
#3	-.00129	-.00021	-.00736	.00018	.00005	.02607	.00005	.00097

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	.00046	.00106	.00362	.00023	.00152	.03062	-.00251	
Stddev	.00004	.00005	.00025	.00005	.00015	.00023	.00048	
%RSD	8.9890	4.9821	6.8932	19.872	10.052	.74762	19.212	

#1	.00048	.00101	.00371	.00019	.00143	.03076	-.00239	
#2	.00049	.00111	.00334	.00022	.00143	.03035	-.00304	
#3	.00041	.00105	.00381	.00028	.00170	.03074	-.00209	

Sample Name: S0 Acquired: 11/13/2017 11:23:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	1370.1	2738.3	39537.	6756.4	3962.0
Stddev	6.5	2.7	162.	44.9	6.3
%RSD	.47449	.09741	.40966	.66426	.16020
#1	1364.0	2735.7	39352.	6725.9	3954.8
#2	1369.3	2738.0	39612.	6735.4	3966.8
#3	1376.9	2741.1	39649.	6807.9	3964.5

Sample Name: S1 Acquired: 11/13/2017 11:27:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.00034	.00170	.00180	.00184	.01053	.01843	1.0668	.02014
Stddev	.00016	.00010	.00007	.00004	.00026	.00085	.0047	.00010
%RSD	47.575	5.9250	3.7542	2.2079	2.4961	4.6127	.44083	.50171

#1	.00016	.00176	.00183	.00188	.01049	.01767	1.0680	.02020
#2	.00039	.00176	.00185	.00180	.01029	.01935	1.0617	.02003
#3	.00046	.00158	.00172	.00185	.01081	.01827	1.0708	.02020

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	.00886	.32977	.00175	.04200	.00592	.00270	.00866	.04110
Stddev	.00012	.00172	.00002	.00041	.00009	.00015	.00014	.00045
%RSD	1.3092	.52160	1.0530	.97457	1.4722	5.4711	1.5976	1.0944

#1	.00874	.33051	.00175	.04176	.00582	.00259	.00853	.04099
#2	.00897	.32780	.00177	.04177	.00599	.00264	.00863	.04072
#3	.00888	.33100	.00173	.04247	.00594	.00286	.00880	.04160

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	.01849	.00396	.03929	.00505	.01505	.18107	.00057	.00596
Stddev	.00023	.00008	.00059	.00010	.00086	.00064	.00007	.00041
%RSD	1.2458	1.9202	1.5053	2.0242	5.7387	.35386	11.860	6.8726

#1	.01823	.00388	.03862	.00496	.01518	.18033	.00062	.00639
#2	.01855	.00397	.03973	.00516	.01413	.18136	.00061	.00593
#3	.01868	.00403	.03953	.00501	.01585	.18151	.00050	.00557

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	.00717	.00276	.04868	.00079	.05451	.10217	1.0301	
Stddev	.00018	.00004	.00020	.00005	.00017	.00020	.0047	
%RSD	2.5452	1.2776	.41724	6.4794	.30721	.19853	.45400	

#1	.00738	.00278	.04845	.00073	.05465	.10202	1.0322	
#2	.00704	.00279	.04883	.00081	.05432	.10240	1.0247	
#3	.00709	.00272	.04875	.00082	.05455	.10209	1.0333	

Sample Name: S1 Acquired: 11/13/2017 11:27:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	1354.8	2704.2	38895.	6827.8	3830.0
Stddev	12.0	6.4	218.	16.8	8.0
%RSD	.88273	.23501	.56079	.24609	.20759
#1	1341.9	2698.3	38701.	6809.1	3823.1
#2	1365.6	2710.9	38853.	6841.6	3838.7
#3	1356.8	2703.4	39131.	6832.8	3828.2

Sample Name: S2 Acquired: 11/13/2017 11:31:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.05855	.09235	1.1843	.06311	.21795	3.5422	13.331	.51599
Stddev	.00048	.00043	.0030	.00021	.00039	.0089	.039	.00068
%RSD	.82235	.46332	.25406	.33284	.18031	.25219	.29559	.13169

#1	.05896	.09189	1.1817	.06287	.21803	3.5398	13.289	.51677
#2	.05802	.09243	1.1836	.06325	.21753	3.5521	13.368	.51554
#3	.05868	.09273	1.1876	.06321	.21830	3.5348	13.335	.51565

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	1.1029	4.0283	.64870	.54840	.75387	.92050	2.0420	.51609
Stddev	.0042	.0126	.00158	.00217	.00375	.00205	.0071	.00191
%RSD	.37595	.31168	.24301	.39516	.49703	.22257	.34593	.37103

#1	1.1001	4.0155	.64782	.54660	.74978	.91830	2.0339	.51452
#2	1.1008	4.0406	.64776	.54780	.75713	.92235	2.0470	.51553
#3	1.1076	4.0289	.65052	.55081	.75471	.92083	2.0450	.51823

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	.30702	.10439	.34561	.06103	.86697	1.2029	.04656	.58873
Stddev	.00103	.00008	.00165	.00023	.00685	.0061	.00041	.00273
%RSD	.33455	.08133	.47785	.37426	.78974	.50825	.87626	.46300

#1	.30688	.10439	.34575	.06129	.86096	1.1962	.04627	.58882
#2	.30606	.10430	.34718	.06087	.86553	1.2040	.04638	.59141
#3	.30810	.10447	.34389	.06093	.87442	1.2083	.04703	.58596

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	.82698	.02529	.59328	.10448	.65850	1.8584	12.993	
Stddev	.00183	.00008	.00178	.00047	.00305	.0078	.029	
%RSD	.22084	.30731	.29928	.44799	.46278	.41961	.22069	

#1	.82801	.02524	.59151	.10411	.65548	1.8538	12.963	
#2	.82487	.02538	.59506	.10433	.66158	1.8674	13.020	
#3	.82806	.02525	.59327	.10501	.65844	1.8540	12.996	

Sample Name: S2 Acquired: 11/13/2017 11:31:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	1279.6	2556.0	36938.	6785.6	3317.7
Stddev	3.6	7.7	101.	14.9	3.5
%RSD	.28071	.29935	.27216	.21900	.10561
#1	1276.1	2548.5	36824.	6781.5	3315.9
#2	1283.3	2563.8	36979.	6773.2	3321.7
#3	1279.5	2555.7	37012.	6802.1	3315.4

Sample Name: S3 Acquired: 11/13/2017 11:35:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.11857	.18088	2.3643	.12652	.43986	7.1902	26.863	1.0277
Stddev	.00037	.00228	.0082	.00083	.00168	.0469	.212	.0082
%RSD	.31296	1.2625	.34608	.65708	.38302	.65270	.79028	.80010

#1	.11884	.17990	2.3632	.12605	.44020	7.2324	27.108	1.0358
#2	.11815	.17925	2.3567	.12603	.43803	7.1985	26.751	1.0194
#3	.11872	.18349	2.3730	.12748	.44135	7.1397	26.731	1.0279

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	2.2237	8.0243	1.2729	1.1104	1.5049	1.8120	4.0142	1.0455
Stddev	.0098	.0401	.0020	.0027	.0148	.0107	.0241	.0071
%RSD	.44004	.49921	.15923	.24262	.98317	.59258	.60004	.67978

#1	2.2182	8.0694	1.2749	1.1109	1.5212	1.8220	4.0413	1.0526
#2	2.2179	8.0107	1.2728	1.1075	1.4924	1.8135	4.0059	1.0456
#3	2.2350	7.9929	1.2709	1.1128	1.5011	1.8006	3.9953	1.0384

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	.61904	.21570	.70802	.12205	1.7809	2.4205	.09753	1.1593
Stddev	.00194	.00052	.00227	.00046	.0208	.0245	.00224	.0093
%RSD	.31259	.24073	.32060	.37929	1.1674	1.0138	2.3002	.80339

#1	.61842	.21601	.70985	.12249	1.7641	2.4439	.09640	1.1686
#2	.61749	.21510	.70874	.12210	1.8042	2.4227	.09607	1.1499
#3	.62121	.21599	.70548	.12157	1.7746	2.3949	.10011	1.1594

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	1.6393	.05160	1.1357	.21108	1.3167	3.7558	25.974	
Stddev	.0066	.00067	.0093	.00102	.0084	.0321	.249	
%RSD	.40232	1.3010	.81660	.48406	.64013	.85585	.95956	

#1	1.6357	.05109	1.1458	.21012	1.3227	3.7908	26.181	
#2	1.6352	.05136	1.1275	.21095	1.3204	3.7275	26.043	
#3	1.6469	.05236	1.1338	.21216	1.3071	3.7492	25.697	

Sample Name: S3 Acquired: 11/13/2017 11:35:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	1227.8	2452.3	35816.	6687.1	3085.2
Stddev	4.0	9.4	23.	45.0	13.5
%RSD	.32464	.38368	.06328	.67360	.43758
#1	1227.3	2445.2	35816.	6635.3	3078.5
#2	1224.1	2463.0	35793.	6710.1	3100.8
#3	1232.0	2448.7	35838.	6716.1	3076.4

Sample Name: S4 Acquired: 11/13/2017 11:39:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.24332	.35318	4.7595	.25606	.90098	14.580	52.986	2.0319
Stddev	.00081	.00208	.0090	.00098	.00231	.038	.257	.0039
%RSD	.33430	.58915	.18996	.38428	.25595	.26126	.48593	.19304

#1	.24425	.35102	4.7650	.25715	.90364	14.560	53.250	2.0350
#2	.24297	.35334	4.7490	.25524	.89975	14.624	52.974	2.0275
#3	.24275	.35517	4.7643	.25580	.89955	14.556	52.735	2.0331

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	4.4738	15.987	2.4860	2.2462	3.0279	3.5316	7.8352	2.1158
Stddev	.0066	.037	.0154	.0029	.0025	.0085	.0233	.0067
%RSD	.14872	.23104	.62052	.12747	.08396	.24135	.29689	.31703

#1	4.4691	15.944	2.4932	2.2454	3.0262	3.5236	7.8084	2.1093
#2	4.4710	16.009	2.4964	2.2439	3.0268	3.5406	7.8484	2.1227
#3	4.4814	16.008	2.4683	2.2494	3.0308	3.5306	7.8490	2.1154

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	1.2459	.45390	1.4237	.23970	3.7291	4.8856	.20462	2.2286
Stddev	.0002	.00271	.0036	.00092	.0328	.0167	.00157	.0072
%RSD	.01882	.59620	.25147	.38322	.87857	.34226	.76869	.32218

#1	1.2456	.45478	1.4227	.23880	3.6953	4.8725	.20371	2.2367
#2	1.2459	.45605	1.4277	.23968	3.7607	4.9044	.20372	2.2230
#3	1.2461	.45086	1.4207	.24063	3.7312	4.8799	.20644	2.2261

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	3.2683	.10775	2.1986	.42722	2.6010	7.6584	50.329	
Stddev	.0041	.00037	.0085	.00170	.0070	.0089	.192	
%RSD	.12616	.34704	.38727	.39729	.26852	.11565	.38081	

#1	3.2730	.10750	2.2076	.42691	2.5942	7.6674	50.518	
#2	3.2656	.10757	2.1907	.42570	2.6081	7.6581	50.336	
#3	3.2663	.10818	2.1976	.42905	2.6006	7.6497	50.135	

Sample Name: S4 Acquired: 11/13/2017 11:39:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	1145.3	2300.0	34293.	6600.0	2803.9
Stddev	6.5	8.7	252.	8.8	6.4
%RSD	.57156	.37702	.73426	.13290	.22698
#1	1149.2	2290.2	34277.	6592.7	2796.6
#2	1137.7	2302.8	34049.	6597.6	2808.3
#3	1148.9	2306.9	34552.	6609.8	2806.7

Sample Name: S5 Acquired: 11/13/2017 11:43:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.51725	.69866	9.6185	.53435	1.9217	30.006	106.51	4.1182
Stddev	.00227	.00381	.0179	.00244	.0114	.117	.27	.0217
%RSD	.43963	.54520	.18610	.45585	.59325	.38889	.25120	.52595

#1	.51637	.69709	9.6034	.53420	1.9224	30.018	106.81	4.1251
#2	.51555	.70300	9.6139	.53200	1.9100	29.884	106.34	4.0939
#3	.51983	.69588	9.6383	.53686	1.9328	30.116	106.36	4.1356

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	9.0328	31.600	4.8691	4.5567	6.1418	6.9151	15.331	4.2705
Stddev	.0131	.120	.0144	.0021	.0092	.0306	.063	.0197
%RSD	.14491	.38116	.29607	.04661	.14998	.44307	.41141	.46030

#1	9.0248	31.655	4.8855	4.5545	6.1316	6.9193	15.331	4.2763
#2	9.0479	31.462	4.8630	4.5568	6.1494	6.8826	15.268	4.2486
#3	9.0256	31.683	4.8587	4.5588	6.1446	6.9434	15.394	4.2866

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	2.5063	.66413	2.9115	.47601	7.6392	10.143	.43210	4.2522
Stddev	.0023	.00249	.0089	.00272	.0372	.035	.00529	.0278
%RSD	.09133	.37433	.30485	.57083	.48694	.34047	1.2239	.65356

#1	2.5037	.66697	2.9137	.47675	7.5973	10.126	.42985	4.2683
#2	2.5080	.66232	2.9017	.47300	7.6516	10.120	.43814	4.2201
#3	2.5072	.66311	2.9191	.47828	7.6685	10.183	.42831	4.2681

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	6.6484	.22626	4.4294	.86396	5.1802	15.712	102.46	
Stddev	.0225	.00077	.0274	.00102	.0246	.002	1.23	
%RSD	.33791	.33875	.61899	.11795	.47451	.01319	1.1983	

#1	6.6516	.22580	4.4406	.86428	5.1787	15.714	102.77	
#2	6.6245	.22714	4.3982	.86478	5.1564	15.711	101.11	
#3	6.6691	.22583	4.4495	.86282	5.2055	15.710	103.50	

Sample Name: S5 Acquired: 11/13/2017 11:43:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	1013.8	2065.9	32232.	6397.6	2475.6
Stddev	2.2	9.6	116.	34.4	4.6
%RSD	.21639	.46687	.35854	.53741	.18542
#1	1016.3	2063.8	32103.	6381.5	2475.8
#2	1012.1	2076.5	32325.	6437.1	2480.1
#3	1013.0	2057.5	32268.	6374.3	2470.9

Sample Name: S6 Acquired: 11/13/2017 11:47:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	77.720	51.222	17.813	6.8028	7.8491
Stddev	.720	.171	.027	.0110	.0073
%RSD	.92685	.33441	.15392	.16150	.09304

#1	76.942	51.025	17.800	6.7932	7.8563
#2	77.855	51.332	17.794	6.8004	7.8494
#3	78.364	51.309	17.844	6.8148	7.8417

Int. Std.	Y_3710
Units	Cts/S
Avg	6225.0
Stddev	8.3
%RSD	.13377

#1	6234.2
#2	6222.8
#3	6217.9

Sample Name: ICV Acquired: 11/13/2017 11:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.9916852	F 1.170485	1.040304	1.028716	.9889114	2.519213
Stddev	.0076315	.009709	.009524	.010748	.0049630	.005289
%RSD	.7695463	.8294996	.9154577	1.044755	.5018691	.2099606

#1	.9984973	1.166837	1.038510	1.038161	.9945895	2.517398
#2	.9834380	1.163128	1.031805	1.017022	.9854011	2.525171
#3	.9931202	1.181490	1.050597	1.030965	.9867435	2.515070

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5424250	.5306681	.4980204	10.85872	F .5516945	.5042135
Stddev	.0020379	.0024748	.0037863	.03463	.0009262	.0018819
%RSD	.3757053	.4663644	.7602655	.3189131	.1678732	.3732277

#1	.5428351	.5322775	.4965242	10.87070	.5520308	.5044216
#2	.5442266	.5319084	.4952109	10.88576	.5524056	.5022362
#3	.5402132	.5278183	.5023262	10.81969	.5506472	.5059826

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5353787	F 5.854839	F .5696624	6.071333	.5180459	F .6529824
Stddev	.0001064	.006596	.0026800	.076290	.0018545	.0032267
%RSD	.0198697	.1126636	.4704483	1.256553	.3579807	.4941515

#1	.5353614	5.862447	.5688030	6.041685	.5179589	.6492886
#2	.5352820	5.851344	.5726666	6.157996	.5162365	.6552521
#3	.5354927	5.850725	.5675175	6.014318	.5199424	.6544065

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.37387	F .5609211	1.089561	10.12828	F -.000047	F .7128828
Stddev	.03677	.0037138	.005064	.07111	.001739	.0112641
%RSD	.3544817	.6620923	.4647910	.7020987	3693.719	1.580078

#1	10.41532	.5597787	1.083714	10.14142	-.002052	.7236830
#2	10.36110	.5650719	1.092575	10.19191	.000875	.7137594
#3	10.34518	.5579127	1.092393	10.05152	.001037	.7012061

Sample Name: ICV Acquired: 11/13/2017 11:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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 .5904279	-.015036	.7139089	F .5434417	.6616356	.5656996
Stddev	.0204931	.004156	.0097903	.0171967	.0089651	.0083914
%RSD	3.470884	27.63763	1.371366	3.164408	1.354988	1.483366

#1	.6124024	-.013945	.7237775	.5610730	.6681278	.5730968
#2	.5870437	-.011535	.7137503	.5425366	.6653725	.5674209
#3	.5718376	-.019628	.7041989	.5267153	.6514066	.5565810

Elem	Sr4077
Units	ppm
Avg	.6457118
Stddev	.0086013
%RSD	1.332061

#1	.6533678
#2	.6473629
#3	.6364046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.623	2633.708	38086.56	6753.825	3658.900
Stddev	2.918	15.743	25.85	40.276	17.781
%RSD	.2211163	.5977491	.0678662	.5963468	.4859542

#1	1320.566	2615.531	38108.54	6719.229	3641.211
#2	1316.350	2642.686	38058.08	6744.206	3676.771
#3	1321.953	2642.909	38093.04	6798.040	3658.720

Sample Name: ICB Acquired: 11/13/2017 12:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	-.000342	-.000839	-.000463	.0002337	-.001125	.0016641	.0000567
Stddev	.001333	.001005	.000815	.0019920	.000509	.0021582	.0001713
%RSD	390.3242	119.7820	176.0391	852.3026	45.20546	129.6952	302.0654

#1	.001065	.000032	-.000610	.0019853	-.001154	-.000611	-.000072
#2	-.001587	-.001939	.000415	-.001933	-.000603	.003682	-.000009
#3	-.000502	-.000611	-.001195	.000649	-.001619	.001922	.000251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000152	-.000039	.0066421	.0004004	.0001521	-.000302	.0041743
Stddev	.0000354	.000050	.0070307	.0000894	.0001468	.001139	.0113263
%RSD	232.9879	128.0004	105.8505	22.32291	96.48263	376.9827	271.3348

#1	-.000003	-.000097	.0126356	.0004437	.0000287	.000581	-.003862
#2	-.000007	-.000009	.0083877	.0004598	.0001132	-.001587	.017128
#3	.000056	-.000011	-.001097	.0002976	.0003145	.000101	-.000743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000464	-.005752	.0002652	.0000129	.0076640	-.000389	.0008675
Stddev	.000301	.008522	.0001297	.0005107	.0875718	.002713	.0023909
%RSD	64.88831	148.1424	48.91031	3955.042	1142.647	698.3107	275.6126

#1	-.000249	-.014721	.0003122	.0000365	.0569149	-.001912	.0010781
#2	-.000334	-.004774	.0001186	.0005114	.0595211	-.001998	-.001622
#3	-.000807	.002238	.0003649	-.000509	-.093444	.002744	.003146

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0701329	-.000476	.0019688	-.000150	-.013571	-.000836	.0004624
Stddev	.0412445	.002063	.0004741	.000205	.001083	.000700	.0010525
%RSD	58.80904	433.5668	24.08246	136.6309	7.982261	83.64786	227.6272

#1	.1116084	-.002443	.0015601	-.000364	-.012649	-.000542	.0016771
#2	.0291233	-.000657	.0024886	.000046	-.013301	-.000332	-.000112
#3	.0696670	.001672	.0018577	-.000134	-.014764	-.001635	-.000178

Sample Name: ICB Acquired: 11/13/2017 12:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.0005257	.0069590	-.000001
Stddev	.0007313	.0003214	.000020
%RSD	139.0891	4.617993	1632.338

#1	-.000178	.0073114	-.000017
#2	.000474	.0066822	-.000007
#3	.001282	.0068832	.000021

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.587	2686.607	39021.35	6748.275	3896.798
Stddev	9.288	11.269	112.92	45.241	9.521
%RSD	.6882377	.4194340	.2893788	.6704063	.2443384

#1	1339.181	2674.387	38914.36	6716.786	3887.466
#2	1352.543	2696.587	39010.31	6800.118	3906.498
#3	1357.038	2688.848	39139.38	6727.922	3896.429

Sample Name: ICSA Acquired: 11/13/2017 12:09:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004241	.0140937	-.003790	-.020885	.0061718	248.1956
Stddev	.001336	.0046662	.004261	.005121	.0017828	1.4756
%RSD	31.49765	33.10806	112.4314	24.52213	28.88642	.5945449

#1	-.002729	.0153047	.001042	-.017662	.0042907	249.8613
#2	-.005261	.0089414	-.005401	-.018203	.0078365	247.0519
#3	-.004733	.0180350	-.007012	-.026791	.0063882	247.6736

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075225	.0011388	.0039572	255.2419	.0575743	.0008965
Stddev	.0002458	.0000816	.0001017	1.7656	.0009174	.0001615
%RSD	3.268143	7.161937	2.568906	.6917499	1.593444	18.01626

#1	.0075338	.0011602	.0039712	257.1767	.0583322	.0010356
#2	.0072711	.0012076	.0040511	253.7178	.0578364	.0007193
#3	.0077624	.0010487	.0038492	254.8313	.0565544	.0009345

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003440	107.2503	.0180430	262.9081	.0044485	-.000353
Stddev	.0012793	.6611	.0001568	1.6682	.0007147	.000332
%RSD	371.9065	.6164262	.8688613	.6345350	16.06668	94.21064

#1	-.001104	107.9462	.0179202	264.6803	.0047571	-.000413
#2	.000813	106.6307	.0179892	261.3681	.0049571	-.000651
#3	.001322	107.1738	.0182196	262.6758	.0036314	.000006

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3581147	.0001691	-.014376	-.053567	-.004581	F -.272005
Stddev	.1188073	.0018192	.006821	.044291	.005356	.002195
%RSD	33.17578	1075.908	47.44511	82.68259	116.9176	.8070853

#1	.2786846	.0010829	-.022180	-.002806	.001602	-.274315
#2	.4946973	-.001926	-.011391	-.073549	-.007787	-.269945
#3	.3009621	.001350	-.009557	-.084348	-.007558	-.271756

Sample Name: ICSA Acquired: 11/13/2017 12:09:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019612	.0089561	-.001131	-.001244	-.000584	.0084431
Stddev	.0000646	.0012381	.000261	.003570	.000729	.0008990
%RSD	3.293818	13.82466	23.11022	287.0052	124.8740	10.64790

#1	.0018881	.0075386	-.001249	.000642	-.000212	.0078195
#2	.0019848	.0095029	-.001312	-.005361	-.001424	.0094736
#3	.0020106	.0098266	-.000831	.000988	-.000116	.0080360

Elem	Sr4077
Units	ppm
Avg	.1051412
Stddev	.0005294
%RSD	.5035632

#1	.1057199
#2	.1050224
#3	.1046812

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1195.165	2400.717	34274.32	6589.021	2961.171
Stddev	5.499	3.213	73.35	56.893	2.937
%RSD	.4600757	.1338330	.2140054	.8634585	.0991732

#1	1189.378	2397.494	34193.22	6526.704	2960.171
#2	1200.320	2400.737	34293.75	6638.189	2958.864
#3	1195.796	2403.920	34336.00	6602.169	2964.477

Sample Name: ICSAB Acquired: 11/13/2017 12:13:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.1000719	F .1401823	.0528062	.0382205	.6030068	251.8824
Stddev	.0069918	.0021908	.0028966	.0047572	.0019982	5.8452
%RSD	6.986732	1.562848	5.485292	12.44662	.3313682	2.320610

#1	.0924626	.1413239	.0537316	.0404584	.6034908	249.6952
#2	.1015403	.1376564	.0495600	.0327570	.6008111	247.4463
#3	.1062129	.1415666	.0551271	.0414459	.6047185	258.5058

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5555625	.5316332	1.027617	258.6756	.5834161	.5161471
Stddev	.0142397	.0114695	.002054	6.9986	.0033831	.0017843
%RSD	2.563110	2.157409	.1999105	2.705533	.5798809	.3456999

#1	.5502626	.5247708	1.026439	254.8001	.5839755	.5156745
#2	.5447327	.5252547	1.026422	254.4721	.5864846	.5146467
#3	.5716921	.5448741	1.029989	266.7546	.5797881	.5181202

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5267196	108.6644	.5675617	266.1689	1.034465	F .2891639
Stddev	.0137447	2.7866	.0139566	6.6116	.001778	.0015311
%RSD	2.609481	2.564376	2.459053	2.483991	.1719003	.5294838

#1	.5218123	107.3028	.5615094	262.5528	1.034622	.2906983
#2	.5161021	106.8205	.5576529	262.1539	1.032613	.2876362
#3	.5422443	111.8700	.5835229	273.7998	1.036159	.2891571

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3285786	.5542573	1.091898	-.218209	-.001048	F -.265187
Stddev	.0680929	.0102210	.010884	.043787	.000385	.005931
%RSD	20.72347	1.844088	.9967965	20.06635	36.77030	2.236394

#1	.3300240	.5479189	1.079390	-.238744	-.000685	-.261915
#2	.2597746	.5488045	1.097087	-.247953	-.001452	-.261614
#3	.3959373	.5660484	1.099215	-.167929	-.001006	-.272033

Sample Name: ICSAB Acquired: 11/13/2017 12:13:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.0084310	.0033085	.0047146	F .0076863	.0062568	.0079932
Stddev	.0003743	.0057329	.0013941	.0011745	.0004050	.0007353
%RSD	4.439854	173.2753	29.56922	15.28029	6.472216	9.198507

#1	.0082226	.0083240	.0058426	.0069236	.0060407	.0082375
#2	.0082073	-.002941	.0031561	.0090388	.0067240	.0071669
#3	.0088632	.004542	.0051451	.0070964	.0060058	.0085753

Elem	Sr4077
Units	ppm
Avg	.1136684
Stddev	.0028985
%RSD	2.549932

#1	.1128356
#2	.1112775
#3	.1168921

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.382	2399.328	34663.64	6580.232	2976.788
Stddev	2.668	9.089	144.03	129.434	7.205
%RSD	.2203909	.3788293	.4155213	1.967010	.2420471

#1	1208.002	2399.551	34498.43	6641.775	2977.754
#2	1213.265	2408.305	34729.63	6667.412	2983.462
#3	1209.878	2390.130	34762.86	6431.509	2969.149

Sample Name: CCV067 Acquired: 11/13/2017 12:17:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.866613	4.873753	24.44209	4.850296	4.861486	386.4788
Stddev	.003619	.016190	.04159	.004972	.013642	5.1792
%RSD	.0743685	.3321853	.1701715	.1025010	.2806043	1.340109

#1	4.869583	4.882255	24.40480	4.855949	4.855830	387.7194
#2	4.862582	4.855084	24.43451	4.846603	4.851583	390.9251
#3	4.867673	4.883921	24.48695	4.848336	4.877046	380.7919

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.812595	.4920729	2.510901	390.4321	14.97043	2.494210
Stddev	.074150	.0047302	.005821	2.7243	.07941	.005803
%RSD	.7556630	.9612766	.2318397	.6977607	.5304218	.2326644

#1	9.842461	.4950535	2.510404	392.8569	14.93238	2.492101
#2	9.867155	.4945464	2.505344	390.9553	15.06170	2.489757
#3	9.728169	.4866188	2.516955	387.4842	14.91721	2.500773

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.69606	397.7960	14.47481	392.1920	2.478427	F 1.016705
Stddev	.10276	3.4111	.12228	3.2169	.004404	.001074
%RSD	.6992504	.8574924	.8447676	.8202290	.1776861	.1056372

#1	14.79712	401.0462	14.58076	395.1594	2.478025	1.015763
#2	14.69940	398.0977	14.50267	392.6434	2.474237	1.017874
#3	14.59167	394.2441	14.34101	388.7733	2.483017	1.016478

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.3800	2.428778	13.64753	148.3087	5.062968	F 4.153304
Stddev	2.9060	.014428	.03246	1.0525	.020947	.043277
%RSD	.7463022	.5940353	.2378554	.7096915	.4137289	1.041984

#1	392.1777	2.445431	13.65436	149.4499	5.070763	4.178077
#2	389.5856	2.420023	13.61220	148.1003	5.039241	4.178501
#3	386.3767	2.420881	13.67604	147.3760	5.078900	4.103332

Sample Name: CCV067 Acquired: 11/13/2017 12:17:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803106	5.074230	4.922609	4.924115	4.843777	4.943174
Stddev	.009367	.016911	.039002	.012326	.028342	.030692
%RSD	.1950169	.3332821	.7923029	.2503284	.5851321	.6208949

#1	4.796546	5.092166	4.948800	4.924582	4.871545	4.973287
#2	4.798939	5.071949	4.941242	4.911562	4.844893	4.944300
#3	4.813833	5.058575	4.877785	4.936201	4.814893	4.911935

Elem	Sr4077
Units	ppm
Avg	5.039510
Stddev	.033516
%RSD	.6650580

#1	5.043060
#2	5.071109
#3	5.004360

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1077.086	2169.961	32473.79	6445.703	2525.183
Stddev	4.893	3.691	84.37	64.286	4.159
%RSD	.4542508	.1701182	.2598019	.9973477	.1646952

#1	1073.065	2173.712	32410.19	6394.114	2528.684
#2	1082.533	2169.837	32441.68	6425.272	2526.279
#3	1075.661	2166.332	32569.50	6517.721	2520.586

Sample Name: CCB067 Acquired: 11/13/2017 12:21:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001305	-.000384	.0001276	.0032969	-.001070	.0010672	.0001448
Stddev	.003331	.000803	.0001685	.0009264	.001134	.0063715	.0003372
%RSD	255.3033	208.9570	132.0725	28.09993	105.9379	597.0249	232.7962

#1	.001873	-.000241	.0001172	.0041087	-.001920	-.001088	-.000225
#2	-.001018	.000337	.0003011	.0022877	.000217	-.003947	.000224
#3	-.004770	-.001250	-.000035	.0034945	-.001508	.008237	.000436

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	-.000005	.0115606	.0001688	.0000920	.0005097	-.000858
Stddev	.000057	.000079	.0056037	.0003327	.0000959	.0010908	.002402
%RSD	1005.349	1536.563	48.47202	197.0692	104.3053	214.0287	280.1030

#1	.000044	.000005	.0151241	-.000169	.0000426	.0004166	.001113
#2	-.000069	-.000089	.0144562	.000180	.0000308	-.000532	-.000153
#3	.000008	.000069	.0051016	.000496	.0002025	.001644	-.003533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000079	-.007019	.0000436	.0018723	.0004603	-.000621	.0001121
Stddev	.0002136	.014804	.0002978	.0002022	.0530562	.001398	.0016951
%RSD	2706.328	210.9187	683.3294	10.80023	11527.01	225.2292	1512.490

#1	.0002331	-.023804	.0003034	.0020814	.0617242	.000788	-.001828
#2	-.000192	.004176	.0001087	.0016779	-.030293	-.002008	.001308
#3	-.000018	-.001428	-.000281	.0018575	-.030050	-.000642	.000856

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1714301	-.001777	.0060900	.0005179	-.014224	-.000376	.0005290
Stddev	.0413196	.000981	.0005392	.0002959	.000820	.001121	.0006897
%RSD	24.10290	55.19706	8.853999	57.13428	5.762735	298.4351	130.3824

#1	.1309215	-.002899	.0062053	.0008595	-.015111	.000725	.0009237
#2	.1698531	-.001347	.0065622	.0003493	-.014065	-.001517	.0009306
#3	.2135156	-.001085	.0055025	.0003449	-.013495	-.000335	-.000267

Sample Name: CCB067 Acquired: 11/13/2017 12:21:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000620	.0116897	-.000005
Stddev	.0001481	.0006083	.000023
%RSD	238.9531	5.203656	466.4405

#1	.0002292	.0123916	.000000
#2	-.000053	.0113168	-.000030
#3	.000009	.0113607	.000015

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1327.340	2655.030	38458.69	6680.758	3846.353
Stddev	13.966	16.240	267.92	30.501	17.423
%RSD	1.052200	.6116844	.6966501	.4565435	.4529847

#1	1311.240	2648.570	38150.56	6687.489	3839.628
#2	1334.579	2673.507	38588.77	6707.331	3866.137
#3	1336.200	2643.014	38636.74	6647.454	3833.295

Sample Name: PB103924BL Acquired: 11/13/2017 12:26:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000277	-.000438	.0000241	.0000386	-.000075	-.001648	-.000116
Stddev	.003479	.001494	.0001070	.0025059	.000252	.005798	.000305
%RSD	1255.861	341.5452	443.7062	6500.679	334.7762	351.7916	262.5103

#1	-.000488	.000979	.0000347	-.001427	-.000271	-.007432	.000007
#2	.003303	-.000293	-.000088	-.001389	-.000165	.004164	.000108
#3	-.003646	-.001999	.000125	.002932	.000209	-.001676	-.000464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000080	.0000651	.0055946	.0002646	.0000449	-.000633	-.000892
Stddev	.0000644	.0000240	.0098852	.0001608	.0000714	.001014	.005587
%RSD	801.0209	36.84242	176.6929	60.76663	159.0486	160.1178	626.4497

#1	.0000636	.0000652	-.005711	.0001433	.0001161	-.001686	.003660
#2	-.000063	.0000411	.012611	.0004469	.0000453	.000336	.000791
#3	.000023	.0000890	.009883	.0002035	-.000027	-.000549	-.007126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000737	-.020511	.0002613	.0001434	-.012595	-.001501	.0020923
Stddev	.000079	.003183	.0002481	.0004149	.123743	.002100	.0011879
%RSD	10.69622	15.51803	94.94751	289.3637	982.4914	139.9172	56.77561

#1	-.000648	-.022290	.0003740	.0001982	.092354	-.001177	.0018126
#2	-.000798	-.022407	-.000023	.0005282	.018905	-.003743	.0033950
#3	-.000764	-.016836	.000433	-.000296	-.149043	.000419	.0010692

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746891	-.002124	.0027604	.0000557	-.014066	-.001401	-.000836
Stddev	.0166872	.000897	.0001814	.0001212	.000553	.000462	.000191
%RSD	22.34218	42.21838	6.572443	217.6468	3.933384	32.99106	22.87197

#1	.0554291	-.001231	.0026856	.0001956	-.013449	-.001868	-.000785
#2	.0848191	-.002116	.0029672	-.000019	-.014230	-.001392	-.000676
#3	.0838192	-.003024	.0026283	-.000010	-.014518	-.000944	-.001048

Sample Name: PB103924BL Acquired: 11/13/2017 12:26:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000075	.0040878	.0000324
Stddev	.000428	.0011716	.0000249
%RSD	567.8091	28.66154	76.87303

#1	-.000197	.0034624	.0000611
#2	-.000429	.0054395	.0000161
#3	.000400	.0033616	.0000201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.339	2698.815	39056.80	6780.468	3901.865
Stddev	4.142	12.322	108.20	34.539	12.897
%RSD	.3064982	.4565807	.2770371	.5093835	.3305336

#1	1352.817	2690.375	39106.26	6764.682	3893.375
#2	1346.661	2712.955	38932.71	6756.644	3916.706
#3	1354.540	2693.114	39131.43	6820.079	3895.514

Sample Name: PB103924BS Acquired: 11/13/2017 12:31:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201719	.0558998	.0199417	.0730901	.1198451	.4362943
Stddev	.0010011	.0010366	.0007495	.0023844	.0011867	.0002650
%RSD	4.962751	1.854392	3.758370	3.262269	.9901599	.0607431

#1	.0198435	.0555340	.0206014	.0703639	.1189167	.4365970
#2	.0212959	.0570697	.0191268	.0741190	.1194365	.4361042
#3	.0193762	.0550957	.0200970	.0747872	.1211820	.4361818

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4301704	.0107092	.0102709	F 4.763044	.0252035	.1007343
Stddev	.0002510	.0001283	.0000114	.010669	.0003283	.0008872
%RSD	.0583462	1.197848	.1111457	.2239943	1.302744	.8807217

#1	.4304298	.0106735	.0102700	4.751202	.0254435	.1008098
#2	.4301526	.0108515	.0102599	4.766026	.0248293	.0998118
#3	.4299288	.0106025	.0102827	4.771905	.0253378	.1015814

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548464	F .2964286	.0354962	F 4.494063	.0834570	F .0281976
Stddev	.0027520	.0096014	.0003843	.040609	.0003368	.0000502
%RSD	5.017612	3.239028	1.082672	.9036087	.4034978	.1781285

#1	.0549485	.2927529	.0357173	4.495521	.0831325	.0282545
#2	.0520448	.2892081	.0350525	4.533922	.0834337	.0281785
#3	.0575460	.3073248	.0357189	4.452744	.0838048	.0281597

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.41442	.1145757	.1357960	9.634142	.0223348	F .0249049
Stddev	.12601	.0019767	.0028573	.031187	.0027470	.0007565
%RSD	1.209971	1.725259	2.104100	.3237131	12.29919	3.037411

#1	10.54241	.1165391	.1341240	9.665019	.0194211	.0244047
#2	10.41035	.1146020	.1341688	9.634753	.0227060	.0257752
#3	10.29048	.1125859	.1390952	9.602654	.0248774	.0245349

Sample Name: PB103924BS Acquired: 11/13/2017 12:31:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233768	.1621421	.2058471	F .0145643	.0659996	.0957061
Stddev	.0002593	.0038656	.0006047	.0009073	.0008651	.0010310
%RSD	1.109370	2.384048	.2937524	6.229349	1.310825	1.077227

#1	.0232094	.1655153	.2061423	.0150817	.0669613	.0967406
#2	.0232455	.1629869	.2062475	.0135167	.0657530	.0956991
#3	.0236755	.1579240	.2051515	.0150946	.0652846	.0946787

Elem	Sr4077
Units	ppm
Avg	.2247654
Stddev	.0004443
%RSD	.1976827

#1	.2252129
#2	.2247588
#3	.2243244

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.577	2630.104	39113.06	6915.343	3729.014
Stddev	5.469	5.849	65.51	12.389	13.233
%RSD	.4091980	.2224053	.1674960	.1791531	.3548543

#1	1333.048	2630.433	39108.95	6919.350	3726.901
#2	1342.877	2635.782	39180.54	6901.446	3743.176
#3	1333.807	2624.097	39049.70	6925.232	3716.965

Sample Name: I6220-17 Acquired: 11/13/2017 12:35:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ER7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0301668	.0103399	.0974422	-.008205	.0058423	54.05474	.2389736
Stddev	.0014052	.0018096	.0011235	.003560	.0003862	.12191	.0002950
%RSD	4.658135	17.50156	1.152993	43.39068	6.610645	.2255263	.1234651

#1	.0285657	.0088466	.0973726	-.009502	.0054096	54.19292	.2389592
#2	.0311951	.0123524	.0963551	-.010935	.0059649	54.00890	.2392755
#3	.0307397	.0098207	.0985989	-.004178	.0061522	53.96239	.2386860

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024475	.0021395	3.442190	.0604889	.0158351	.0332527	75.99881
Stddev	.0000705	.0001122	.006431	.0005952	.0001537	.0008288	.09301
%RSD	2.879180	5.242471	.1868203	.9840317	.9705932	2.492475	.1223849

#1	.0023729	.0020104	3.444684	.0599993	.0156647	.0341742	75.91343
#2	.0024568	.0022133	3.447001	.0603160	.0159632	.0325683	75.98506
#3	.0025129	.0021946	3.434886	.0611515	.0158774	.0330156	76.09792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4148083	2.824642	.0353172	-.000252	.4735659	.1115851	.2138799
Stddev	.0010128	.009221	.0003799	.000438	.0690884	.0014184	.0081959
%RSD	.2441606	.3264528	1.075577	173.4574	14.58897	1.271147	3.832008

#1	.4153913	2.831746	.0348991	-.000168	.4584609	.1126461	.2069724
#2	.4136389	2.814221	.0354113	.000137	.4132797	.1121351	.2229361
#3	.4153948	2.827959	.0356411	-.000726	.5489570	.1099740	.2117311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7104535	1.222505	-.177792	.0020943	.7514029	13.24829	.0062122
Stddev	.0291525	.017182	.001243	.0001380	.0071517	.06456	.0007372
%RSD	4.103359	1.405443	.6989831	6.591756	.9517834	.4872803	11.86737

#1	.7189568	1.203578	-.179032	.0019660	.7434977	13.31749	.0070436
#2	.7344089	1.237120	-.176546	.0020766	.7574239	13.18969	.0056382
#3	.6779949	1.226818	-.177800	.0022404	.7532870	13.23769	.0059547

Sample Name: I6220-17 Acquired: 11/13/2017 12:35:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0ER7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6339784	.0196861	.0811351
Stddev	.0033833	.0010553	.0003246
%RSD	.5336679	5.360751	.4000784

#1	.6353740	.0184880	.0814987
#2	.6364407	.0204780	.0810320
#3	.6301205	.0200921	.0808746

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.245	2689.723	39384.29	7082.406	3639.741
Stddev	5.730	5.400	258.61	24.037	1.786
%RSD	.4230863	.2007537	.6566376	.3393885	.0490766

#1	1357.638	2689.138	39659.61	7060.215	3638.826
#2	1347.630	2695.391	39146.49	7107.939	3641.799
#3	1357.468	2684.639	39346.76	7079.064	3638.597

Sample Name: I6220-18 Acquired: 11/13/2017 12:40:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ER7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261364	.0108681	.0983943	-.006373	.0059045	52.74065	.2338107
Stddev	.0027812	.0018894	.0003836	.001705	.0007610	.36163	.0023878
%RSD	10.64091	17.38484	.3899065	26.74709	12.88820	.6856833	1.021240

#1	.0241078	.0087382	.0987929	-.008330	.0051080	52.86682	.2353703
#2	.0293068	.0123423	.0980276	-.005576	.0066242	53.02230	.2350000
#3	.0249948	.0115238	.0983623	-.005213	.0059814	52.33284	.2310618

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023615	.0024146	3.361201	.0601668	.0159503	.0321282	73.99862
Stddev	.0000445	.0000668	.006186	.0009116	.0001029	.0005464	.45674
%RSD	1.886584	2.768418	.1840340	1.515172	.6449233	1.700579	.6172314

#1	.0024101	.0024666	3.362653	.0591163	.0160085	.0323938	74.22189
#2	.0023226	.0024380	3.366532	.0607498	.0158315	.0314998	74.30078
#3	.0023517	.0023392	3.354419	.0606343	.0160109	.0324909	73.47319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4033699	2.735267	.0349802	-.000479	.5731489	.1121778	.2182101
Stddev	.0046525	.015318	.0005750	.000267	.0940015	.0015300	.0001504
%RSD	1.153404	.5600140	1.643729	55.68889	16.40089	1.363859	.0689333

#1	.4069459	2.742669	.0351026	-.000483	.6020720	.1138959	.2181532
#2	.4050539	2.745479	.0343540	-.000743	.6492900	.1116749	.2180964
#3	.3981099	2.717654	.0354842	-.000210	.4680844	.1109627	.2183807

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6793828	1.224577	-.174449	.0022286	.7495940	12.85427	.0063560
Stddev	.0110480	.012997	.001490	.0001603	.0031085	.07122	.0003121
%RSD	1.626184	1.061339	.8543670	7.191384	.4146880	.5540754	4.910372

#1	.6891040	1.209981	-.176137	.0023941	.7463804	12.91358	.0060809
#2	.6816763	1.234899	-.173895	.0022174	.7525855	12.87394	.0066952
#3	.6673680	1.228850	-.173316	.0020742	.7498161	12.77527	.0062920

Sample Name: I6220-18 Acquired: 11/13/2017 12:40:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ER7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6190028	.0182616	.0788927
Stddev	.0035020	.0005740	.0006414
%RSD	.5657505	3.142966	.8129520

#1	.6211234	.0182636	.0789225
#2	.6209243	.0188346	.0795186
#3	.6149606	.0176867	.0782370

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.596	2682.194	39083.76	7249.119	3634.063
Stddev	7.584	6.273	247.07	35.857	12.837
%RSD	.5640605	.2338731	.6321612	.4946384	.3532282

#1	1353.315	2675.177	39336.35	7221.140	3619.625
#2	1339.524	2687.258	39072.34	7236.677	3644.186
#3	1340.948	2684.145	38842.60	7289.540	3638.378

Sample Name: I6220-19 Acquired: 11/13/2017 12:44:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ER7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1010618	.1439097	.1352502	.0716214	.0755661	62.39644	4.397010
Stddev	.0007414	.0006366	.0019903	.0030903	.0012438	.29450	.022269
%RSD	.7335639	.4423238	1.471563	4.314800	1.646024	.4719893	.5064476

#1	.1003946	.1435660	.1336332	.0749968	.0752797	62.43823	4.418446
#2	.1009308	.1446442	.1346445	.0709361	.0744904	62.08327	4.373993
#3	.1018599	.1435188	.1374730	.0689312	.0769282	62.66781	4.398590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1017171	.0999161	3.531282	.4931406	.9972627	.5431685	83.49508
Stddev	.0014205	.0006388	.016967	.0019054	.0058507	.0001344	.33293
%RSD	1.396496	.6393357	.4804781	.3863872	.5866749	.0247538	.3987408

#1	.1014257	.0992740	3.539747	.4934221	.9938409	.5431222	83.52037
#2	.1004650	.0999229	3.511748	.4948897	.9939289	.5433200	83.15023
#3	.1032607	.1005515	3.542352	.4911101	1.004018	.5430633	83.81464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.405396	3.241175	1.029360	.1276387	.2376434	1.201036	1.279182
Stddev	.008142	.031913	.007620	.0008544	.0101504	.002488	.021176
%RSD	.5793723	.9846236	.7403116	.6693775	4.271279	.2071493	1.655440

#1	1.405364	3.219987	1.022701	.1286175	.2304721	1.203583	1.303121
#2	1.397270	3.225658	1.027709	.1272556	.2332003	1.198612	1.271526
#3	1.413555	3.277880	1.037671	.1270429	.2492577	1.200911	1.262899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7823957	1.107711	-.194975	.0018571	.5672394	13.92598	.0050060
Stddev	.0314035	.005448	.002720	.0005629	.0030592	.13779	.0009841
%RSD	4.013765	.4918403	1.395024	30.31245	.5393153	.9894405	19.65917

#1	.7569666	1.108846	-.196429	.0020879	.5691497	13.85299	.0060272
#2	.7727228	1.101785	-.191837	.0022679	.5637110	13.84005	.0049271
#3	.8174978	1.112502	-.196658	.0012154	.5688576	14.08492	.0040637

Sample Name: I6220-19 Acquired: 11/13/2017 12:44:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0ER7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6019623	.0221985	.0405567
Stddev	.0020314	.0005001	.0002320
%RSD	.3374655	2.252891	.5719848

#1	.6024782	.0227717	.0405292
#2	.5997227	.0218507	.0403398
#3	.6036860	.0219732	.0408013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1331.372	2663.882	38782.07	7048.158	3608.687
Stddev	14.963	6.298	269.28	46.517	12.651
%RSD	1.123867	.2364227	.6943529	.6599892	.3505695

#1	1314.217	2663.075	38475.98	7048.930	3612.747
#2	1338.171	2670.544	38887.72	7094.284	3618.809
#3	1341.729	2658.026	38982.51	7001.260	3594.504

Sample Name: I6220-17LX5 Acquired: 11/13/2017 12:48:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ER7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084354	.0014636	.0204784	-.003810	.0010621	11.07966	.0538231
Stddev	.0018593	.0018553	.0008855	.002280	.0011923	.04675	.0012750
%RSD	22.04209	126.7638	4.323946	59.84742	112.2647	.4219874	2.368777

#1	.0078292	.0026693	.0197041	-.004180	-.000310	11.12187	.0550593
#2	.0069548	.0023943	.0202871	-.001367	.001843	11.08771	.0538972
#3	.0105221	-.000673	.0214438	-.005882	.001653	11.02940	.0525127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005816	.0004950	.7289172	.0125823	.0035009	.0076470	15.65976
Stddev	.0000351	.0000602	.0074033	.0002601	.0002630	.0002962	.02552
%RSD	6.039218	12.16255	1.015657	2.067081	7.513623	3.873349	.1629588

#1	.0005935	.0004426	.7209516	.0127495	.0038045	.0075901	15.63528
#2	.0005420	.0004815	.7355871	.0127147	.0033422	.0079675	15.68621
#3	.0006092	.0005608	.7302129	.0122826	.0033559	.0073834	15.65780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0869846	.5625917	.0070215	-.000076	.1541753	.0236390	.0428559
Stddev	.0006979	.0183896	.0000201	.000203	.1091067	.0037877	.0037201
%RSD	.8023059	3.268734	.2869709	266.1872	70.76799	16.02331	8.680462

#1	.0874197	.5681276	.0070130	-.000039	.1027802	.0221383	.0385750
#2	.0873544	.5420700	.0070445	.000106	.2794880	.0279472	.0446889
#3	.0861796	.5775774	.0070070	-.000295	.0802576	.0208316	.0453038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1305385	.2449053	-.038736	.0001106	.1405299	2.849134	.0012274
Stddev	.0065759	.0019750	.000615	.0001869	.0018286	.006397	.0012782
%RSD	5.037479	.8064130	1.588310	169.0515	1.301231	.2245094	104.1428

#1	.1251000	.2436499	-.039315	-.000074	.1411764	2.854280	.0021652
#2	.1286687	.2438843	-.038090	.000300	.1384658	2.851148	-.000229
#3	.1378467	.2471818	-.038804	.000106	.1419474	2.841972	.001745

Sample Name: I6220-17LX5 Acquired: 11/13/2017 12:48:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ER7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1297021	.0010244	.0165886
Stddev	.0001987	.0000306	.0000700
%RSD	.1531636	2.983123	.4220519

#1	.1298209	.0009948	.0166598
#2	.1294727	.0010225	.0165199
#3	.1298125	.0010559	.0165860

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.823	2682.620	38933.82	6860.867	3791.025
Stddev	9.655	10.173	47.99	28.148	11.469
%RSD	.7163620	.3792214	.1232556	.4102663	.3025321

#1	1339.945	2674.093	38895.62	6838.440	3785.543
#2	1344.931	2693.881	38918.16	6851.708	3804.207
#3	1358.594	2679.886	38987.68	6892.454	3783.326

Sample Name: I6220-20 Acquired: 11/13/2017 12:52:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ER8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1076268	.0182000	.6058703	-.010541	.0023158	43.74048	.3962999
Stddev	.0018506	.0014499	.0013547	.000833	.0006307	.33257	.0037606
%RSD	1.719435	7.966518	.2235899	7.906770	27.23511	.7603249	.9489369

#1	.1092299	.0171750	.6055285	-.009819	.0030299	43.59597	.3938791
#2	.1056017	.0198589	.6047193	-.011453	.0018348	43.50461	.3943882
#3	.1080489	.0175660	.6073631	-.010352	.0020828	44.12085	.4006323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027601	.0048208	13.05176	.0718115	.0139949	.1552493	104.1309
Stddev	.0000826	.0000495	.15110	.0008992	.0003405	.0020048	.8384
%RSD	2.990848	1.027264	1.157730	1.252180	2.433117	1.291361	.8051617

#1	.0028519	.0048215	12.97796	.0717446	.0143872	.1533594	103.8597
#2	.0026920	.0047709	12.95174	.0709476	.0138213	.1550365	103.4617
#3	.0027365	.0048699	13.22558	.0727423	.0137762	.1573521	105.0714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4395967	5.010363	.0377845	.0005035	.5660434	.2157744	.2910525
Stddev	.0053978	.065127	.0005182	.0003351	.0650507	.0031074	.0042700
%RSD	1.227901	1.299854	1.371347	66.54646	11.49218	1.440133	1.467090

#1	.4379326	4.988957	.0379334	.0008358	.5510403	.2192348	.2944083
#2	.4352268	4.958632	.0372082	.0001658	.6372849	.2148661	.2925031
#3	.4456306	5.083499	.0382119	.0005090	.5098051	.2132224	.2862462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.362019	1.489670	-.235701	.0042414	1.095727	13.60279	.0100912
Stddev	.032804	.010323	.001640	.0000989	.000699	.10852	.0007370
%RSD	2.408496	.6929617	.6959299	2.332327	.0637879	.7977466	7.303169

#1	1.327545	1.496965	-.234319	.0041656	1.096052	13.56420	.0105251
#2	1.365664	1.477859	-.235270	.0042053	1.096204	13.51885	.0105082
#3	1.392849	1.494187	-.237513	.0043533	1.094925	13.72533	.0092403

Sample Name: I6220-20 Acquired: 11/13/2017 12:52:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0ER8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8392177	.0112669	.1413367
Stddev	.0081575	.0002401	.0009195
%RSD	.9720417	2.131021	.6505355

#1	.8319355	.0110144	.1404781
#2	.8376845	.0112940	.1412252
#3	.8480330	.0114923	.1423068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1361.471	2716.366	40115.25	7167.242	3623.714
Stddev	6.186	7.141	121.43	43.244	11.470
%RSD	.4543760	.2628915	.3027106	.6033625	.3165140

#1	1366.096	2710.099	40068.61	7184.967	3616.350
#2	1354.444	2724.140	40253.08	7198.808	3636.929
#3	1363.873	2714.858	40024.04	7117.951	3617.863

Sample Name: I6220-21 Acquired: 11/13/2017 12:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ER9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0860260	.0169249	.3132958	-.006160	.0034565	59.27826	.5173393
Stddev	.0015255	.0012231	.0057073	.002229	.0017062	.36698	.0031035
%RSD	1.773271	7.226845	1.821690	36.17511	49.36062	.6190755	.5998904

#1	.0842760	.0155230	.3071681	-.005994	.0046871	59.34019	.5188074
#2	.0867269	.0174776	.3142592	-.008467	.0041737	59.61034	.5194363
#3	.0870750	.0177742	.3184600	-.004020	.0015088	58.88427	.5137741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030125	.0039531	13.68547	.0860117	.0119162	.1522354	96.46856
Stddev	.0000707	.0000760	.03038	.0012235	.0000667	.0007451	.56246
%RSD	2.346718	1.921965	.2219628	1.422424	.5601800	.4894734	.5830542

#1	.0029676	.0038680	13.70157	.0846476	.0118785	.1517405	96.54762
#2	.0030940	.0039771	13.70440	.0863757	.0118769	.1530924	96.98732
#3	.0029760	.0040142	13.65043	.0870119	.0119933	.1518733	95.87076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3395850	5.248047	.0355269	.0005549	.7377911	.1812919	.2037059
Stddev	.0002923	.049148	.0002178	.0002930	.1105659	.0028329	.0023477
%RSD	.0860663	.9365093	.6129839	52.80005	14.98608	1.562618	1.152512

#1	.3399210	5.293296	.0356378	.0007490	.7543831	.1845619	.2050125
#2	.3393897	5.255088	.0352760	.0006978	.8391233	.1797320	.2051098
#3	.3394444	5.195758	.0356670	.0002179	.6198668	.1795818	.2009956

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.818002	1.541265	-.218410	.0042830	3.109169	15.16561	.0136928
Stddev	.026725	.009738	.001461	.0001461	.007243	.07985	.0005774
%RSD	1.470023	.6317873	.6687208	3.411315	.2329415	.5264943	4.217098

#1	1.847233	1.546813	-.216830	.0041161	3.107361	15.07485	.0131248
#2	1.811956	1.530022	-.218689	.0043451	3.103001	15.22504	.0136743
#3	1.794819	1.546961	-.219710	.0043878	3.117144	15.19695	.0142793

Sample Name: I6220-21 Acquired: 11/13/2017 12:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ER9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6863099	.0159059	.1294684
Stddev	.0048609	.0004863	.0011501
%RSD	.7082634	3.057682	.8883065

#1	.6882599	.0162202	.1295589
#2	.6898929	.0161518	.1305706
#3	.6807767	.0153457	.1282757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.792	2675.123	39232.80	7154.546	3568.671
Stddev	5.351	4.036	54.68	26.311	3.119
%RSD	.3976436	.1508868	.1393777	.3677459	.0873999

#1	1339.982	2671.230	39292.24	7155.936	3565.609
#2	1350.518	2679.289	39221.53	7127.568	3571.844
#3	1346.878	2674.850	39184.64	7180.134	3568.559

Sample Name: I6220-22 Acquired: 11/13/2017 13:00:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ES0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0753531	.0205699	.2986035	-.014046	.0068505	63.02091	.3255389
Stddev	.0032951	.0017769	.0042805	.002846	.0018042	.29178	.0020176
%RSD	4.372831	8.638554	1.433495	20.26147	26.33590	.4629916	.6197606

#1	.0738276	.0218384	.3020612	-.011144	.0088945	63.03419	.3255936
#2	.0791344	.0185390	.2999334	-.016832	.0061773	62.72271	.3234945
#3	.0730972	.0213322	.2938160	-.014163	.0054798	63.30582	.3275285

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035065	.0053226	8.357446	.1066230	.0122164	.1043507	150.4527
Stddev	.0000516	.0000956	.028802	.0008604	.0000600	.0011359	.3572
%RSD	1.472290	1.796581	.3446222	.8069752	.4907615	1.088549	.2373915

#1	.0035510	.0054106	8.376543	.1059197	.0122749	.1043995	150.3818
#2	.0034499	.0052208	8.324317	.1075824	.0122191	.1054615	150.1364
#3	.0035187	.0053362	8.371478	.1063668	.0121551	.1031913	150.8401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3377979	2.767119	.0345658	.0011744	.8144275	.2035151	.1792414
Stddev	.0013644	.027781	.0007226	.0000874	.0925208	.0019905	.0128897
%RSD	.4039214	1.003985	2.090603	7.442770	11.36022	.9780494	7.191242

#1	.3370962	2.759371	.0352564	.0011585	.7798454	.2041480	.1703495
#2	.3369271	2.744034	.0346261	.0012686	.7441791	.2012851	.1733507
#3	.3393704	2.797952	.0338149	.0010960	.9192579	.2051121	.1940239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.136456	1.298316	-.356251	.0037012	3.190583	14.33003	.0163539
Stddev	.044040	.020552	.000605	.0002568	.017653	.08005	.0012858
%RSD	3.875178	1.582936	.1696978	6.937164	.5532868	.5586027	7.862427

#1	1.157877	1.301612	-.355699	.0039904	3.192506	14.42103	.0178363
#2	1.085804	1.317020	-.356156	.0036131	3.207196	14.27053	.0155404
#3	1.165688	1.276315	-.356897	.0035001	3.172047	14.29852	.0156851

Sample Name: I6220-22 Acquired: 11/13/2017 13:00:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ES0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9802348	.0116047	.1026673
Stddev	.0059245	.0006639	.0003074
%RSD	.6043995	5.720567	.2993752

#1	.9794136	.0113895	.1025264
#2	.9747636	.0110752	.1024555
#3	.9865270	.0123495	.1030198

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.905	2656.274	38834.81	7068.821	3545.877
Stddev	24.810	46.216	410.35	19.590	47.478
%RSD	1.881113	1.739866	1.056645	.2771267	1.338969

#1	1342.958	2604.889	39222.20	7064.934	3494.584
#2	1320.356	2669.491	38877.39	7090.063	3554.759
#3	1293.402	2694.441	38404.83	7051.466	3588.286

Sample Name: I6244-01A Acquired: 11/13/2017 13:40:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ET0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2197625	.0120053	.1970786	-.004055	.0024582	39.45487	.1568161
Stddev	.0047825	.0015748	.0010025	.001931	.0013198	.24999	.0003129
%RSD	2.176200	13.11777	.5086622	47.63158	53.69025	.6336058	.1995257

#1	.2147146	.0108390	.1978905	-.005883	.0039455	39.19779	.1566462
#2	.2203469	.0113803	.1959581	-.002034	.0020022	39.46972	.1571771
#3	.2242258	.0137967	.1973872	-.004248	.0014268	39.69710	.1566248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022159	.0036725	5.402741	.1369237	.0092768	.0945602	91.41747
Stddev	.0000121	.0001221	.029132	.0011003	.0001624	.0010017	.41668
%RSD	.5465317	3.326012	.5392128	.8035643	1.750563	1.059350	.4558036

#1	.0022216	.0037720	5.373769	.1381528	.0090893	.0949932	91.02045
#2	.0022019	.0035362	5.432031	.1360307	.0093700	.0952726	91.38060
#3	.0022240	.0037093	5.402424	.1365876	.0093712	.0934148	91.85137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5939562	3.220600	.0372164	.0017901	.4057028	.1194602	.2079395
Stddev	.0010692	.030925	.0002408	.0002129	.0904096	.0027147	.0061387
%RSD	.1800200	.9602302	.6469885	11.89213	22.28469	2.272448	2.952156

#1	.5927241	3.255031	.0371124	.0019352	.5019206	.1199161	.2092447
#2	.5945039	3.195186	.0374917	.0018893	.3926725	.1219181	.2012532
#3	.5946406	3.211582	.0370452	.0015457	.3225154	.1165465	.2133206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.926566	.9869538	-.216611	.0157531	.4724959	7.958967	.0286205
Stddev	.089110	.0157787	.000323	.0004474	.0068711	.010511	.0012445
%RSD	4.625305	1.598729	.1491563	2.839819	1.454217	.1320639	4.348371

#1	1.830845	.9694395	-.216748	.0162681	.4646413	7.966855	.0275844
#2	1.941737	.9913630	-.216242	.0154600	.4773930	7.963011	.0282762
#3	2.007116	1.000059	-.216843	.0155314	.4754536	7.947034	.0300009

Sample Name: I6244-01A Acquired: 11/13/2017 13:40:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0ET0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3604468	.0008747	.0340733
Stddev	.0025429	.0010332	.0003589
%RSD	.7054933	118.1214	1.053158

#1	.3579824	-.000095	.0336884
#2	.3602963	.000758	.0341330
#3	.3630616	.001961	.0343986

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.169	2568.682	38892.91	6770.677	3544.104
Stddev	7.533	21.796	50.57	13.584	20.798
%RSD	.5689133	.8485231	.1300133	.2006261	.5868401

#1	1318.909	2546.304	38835.61	6785.990	3522.963
#2	1320.798	2589.845	38911.87	6765.965	3564.542
#3	1332.799	2569.897	38931.26	6760.077	3544.808

Sample Name: I6246-10A Acquired: 11/13/2017 13:54:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDXL4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030695	.0533148	.0200885	.0003760	-.000899	.3685056	.0544561
Stddev	.0020845	.0022076	.0005976	.0008689	.000783	.0051577	.0004892
%RSD	67.91092	4.140666	2.974876	231.1248	87.07114	1.399617	.8983741

#1	.0019602	.0548509	.0206124	.0007219	-.001679	.3692584	.0543476
#2	.0017742	.0507850	.0202155	-.000613	-.000905	.3630129	.0549904
#3	.0054741	.0543084	.0194376	.001019	-.000114	.3732454	.0540302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000793	.0001538	55.93238	.0014714	.0001919	.0078204	1.984957
Stddev	.0000530	.0000400	.53546	.0001372	.0001583	.0006474	.035937
%RSD	66.83493	26.00871	.9573362	9.327267	82.50103	8.278894	1.810466

#1	.0000220	.0001991	56.29001	.0013254	.0002269	.0075767	2.005983
#2	.0000895	.0001234	56.19037	.0015978	.0000190	.0073301	2.005426
#3	.0001265	.0001388	55.31677	.0014911	.0003298	.0085543	1.943462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3700556	15.51414	.0015012	.0004381	25.37641	.0029321	.0767151
Stddev	.0037097	.12743	.0002110	.0002780	.43600	.0029425	.0011128
%RSD	1.002475	.8213867	14.05693	63.46362	1.718113	100.3544	1.450544

#1	.3732162	15.56710	.0017218	.0001899	25.62713	.0060303	.0779916
#2	.3709792	15.60654	.0014804	.0003858	25.62913	.0001750	.0759493
#3	.3659713	15.36877	.0013013	.0007385	24.87297	.0025912	.0762045

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.623549	.0953700	.1450843	.0007497	9.670018	9.986579	-.002611
Stddev	.044067	.0030964	.0020759	.0001250	.164373	.134389	.000259
%RSD	1.679688	3.246754	1.430803	16.67097	1.699819	1.345699	9.931827

#1	2.658991	.0989413	.1467064	.0008818	9.859053	10.08879	-.002440
#2	2.637448	.0934362	.1458016	.0007341	9.590253	10.03660	-.002910
#3	2.574208	.0937324	.1427449	.0006333	9.560747	9.83435	-.002483

Sample Name: I6246-10A Acquired: 11/13/2017 13:54:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDXL4A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0136417	-.018242	.1838493
Stddev	.0012183	.000623	.0019362
%RSD	8.930879	3.415225	1.053151

#1	.0139322	-.018861	.1843865
#2	.0123044	-.017615	.1854601
#3	.0146885	-.018251	.1817012

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.158	2571.958	38521.61	6712.138	3635.262
Stddev	16.194	33.019	407.75	72.544	37.957
%RSD	1.228525	1.283795	1.058488	1.080792	1.044136

#1	1313.844	2559.752	38221.80	6659.782	3610.306
#2	1336.072	2546.780	38985.91	6681.688	3616.537
#3	1304.558	2609.342	38357.12	6794.945	3678.943

Sample Name: I6124-17 Acquired: 11/13/2017 13:59:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.333630	.0159237	6.474534	-.004114	.0074623	79.73145	.4361771
Stddev	.017979	.0010184	.024034	.001214	.0008263	.66852	.0013864
%RSD	.3370934	6.395571	.3712149	29.51158	11.07351	.8384706	.3178441

#1	5.326649	.0156704	6.463119	-.003708	.0072984	79.00603	.4347595
#2	5.320188	.0170449	6.458334	-.003155	.0083582	80.32274	.4375300
#3	5.354053	.0150559	6.502149	-.005479	.0067301	79.86558	.4362417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028763	.0045739	15.36927	.0948232	.0097498	1.228125	85.75456
Stddev	.0001464	.0000766	.03691	.0017343	.0001316	.002943	.53588
%RSD	5.089973	1.674981	.2401458	1.829030	1.349396	.2396586	.6248944

#1	.0028958	.0045962	15.36434	.0968169	.0098797	1.230731	85.22387
#2	.0027211	.0044887	15.40840	.0939899	.0097531	1.224933	86.29548
#3	.0030120	.0046370	15.33508	.0936628	.0096166	1.228712	85.74434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3803867	2.549180	.0405741	.0021649	.4177672	.1727133	.5581803
Stddev	.0016515	.006267	.0008231	.0000667	.0716239	.0011325	.0077475
%RSD	.4341768	.2458621	2.028600	3.083026	17.14444	.6557202	1.388001

#1	.3790446	2.544017	.0404557	.0021154	.4685749	.1734927	.5587280
#2	.3798844	2.547370	.0398166	.0022408	.4488781	.1732330	.5501734
#3	.3822311	2.556153	.0414499	.0021385	.3358487	.1714142	.5656394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.546972	3.201335	-.208461	.0038518	1.624461	22.61650	.0194090
Stddev	.048052	.036100	.000334	.0001207	.020000	.13764	.0014505
%RSD	3.106218	1.127656	.1602097	3.132454	1.231201	.6085630	7.473295

#1	1.493797	3.166048	-.208142	.0037860	1.604837	22.53948	.0188311
#2	1.559836	3.199761	-.208808	.0037784	1.623729	22.77540	.0210594
#3	1.587283	3.238197	-.208432	.0039911	1.644817	22.53461	.0183365

Sample Name: I6124-17 Acquired: 11/13/2017 13:59:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6412353	.0181383	.1054807
Stddev	.0013321	.0004017	.0010388
%RSD	.2077354	2.214578	.9848567

#1	.6425894	.0178446	.1043695
#2	.6411900	.0179743	.1064275
#3	.6399264	.0185961	.1056451

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.310	2617.046	39662.96	6981.225	3506.426
Stddev	4.685	3.708	87.92	35.663	8.351
%RSD	.3506206	.1416872	.2216797	.5108438	.2381760

#1	1330.904	2615.080	39561.45	7001.296	3504.389
#2	1338.829	2621.323	39712.35	6940.049	3515.607
#3	1339.198	2614.735	39715.09	7002.329	3499.281

Sample Name: I6124-18 Acquired: 11/13/2017 14:03:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EC6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.305699	.0150799	6.441939	-.004858	.0082573	79.19734	.4318290
Stddev	.023231	.0006413	.051772	.002095	.0015068	.36739	.0026654
%RSD	.4378537	4.252534	.8036755	43.12549	18.24773	.4638882	.6172327

#1	5.294566	.0155337	6.436138	-.004111	.0065972	79.61774	.4348669
#2	5.290129	.0153597	6.393311	-.007224	.0095384	79.03633	.4307372
#3	5.332401	.0143463	6.496367	-.003238	.0086362	78.93794	.4298828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028885	.0044697	15.36707	.0938609	.0097120	1.210065	85.45247
Stddev	.0000842	.0001192	.00723	.0015225	.0002402	.005156	.30406
%RSD	2.914145	2.666934	.0470312	1.622079	2.473683	.4261048	.3558187

#1	.0029215	.0045302	15.37530	.0945200	.0097847	1.210304	85.79668
#2	.0029511	.0043324	15.36416	.0949428	.0094437	1.215098	85.34029
#3	.0027928	.0045466	15.36175	.0921199	.0099074	1.204794	85.22045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3790530	2.530681	.0408480	.0020418	.4760710	.1722464	.5517324
Stddev	.0011687	.023151	.0003383	.0003509	.0928072	.0017228	.0047797
%RSD	.3083199	.9148085	.8282941	17.18645	19.49441	1.000207	.8663088

#1	.3803737	2.552309	.0410209	.0018345	.3699995	.1740911	.5513279
#2	.3781523	2.506260	.0404582	.0018439	.5423281	.1719691	.5567015
#3	.3786331	2.533474	.0410650	.0024470	.5158855	.1706790	.5471678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.550406	3.196269	-.206870	.0037137	1.612903	22.61890	.0190795
Stddev	.005390	.009986	.000570	.0001078	.002832	.14221	.0018153
%RSD	.3476451	.3124127	.2753841	2.902073	.1755635	.6287375	9.514580

#1	1.544238	3.206919	-.207313	.0036604	1.610277	22.78267	.0171564
#2	1.552768	3.194771	-.207070	.0036429	1.615903	22.54752	.0207634
#3	1.554211	3.187118	-.206228	.0038377	1.612528	22.52652	.0193187

Sample Name: I6124-18 Acquired: 11/13/2017 14:03:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0EC6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6385924	.0176547	.1043378
Stddev	.0028202	.0002648	.0006964
%RSD	.4416349	1.500032	.6674437

#1	.6417433	.0178146	.1051296
#2	.6377295	.0173490	.1040633
#3	.6363045	.0178004	.1038204

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.570	2618.133	39865.30	6992.204	3511.149
Stddev	17.916	12.572	305.92	26.724	23.597
%RSD	1.336451	.4801748	.7673794	.3822018	.6720721

#1	1334.231	2614.754	39755.28	6962.583	3510.077
#2	1326.684	2632.049	39629.61	7014.507	3535.264
#3	1360.793	2607.597	40211.01	6999.521	3488.106

Sample Name: CCV068 Acquired: 11/13/2017 14:07:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.860625	4.722913	24.39690	5.034372	4.791323	406.7545
Stddev	.034007	.051291	.23534	.031579	.018184	1.0836
%RSD	.6996397	1.086009	.9646422	.6272695	.3795287	.2663931

#1	4.840123	4.671149	24.26275	5.019067	4.783185	405.6603
#2	4.841873	4.723872	24.25931	5.013362	4.778629	406.7762
#3	4.899880	4.773718	24.66865	5.070688	4.812156	407.8271

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.533479	.5090002	2.538918	389.7114	14.06025	2.526962
Stddev	.052189	.0008726	.024357	1.6112	.11494	.023296
%RSD	.5474271	.1714307	.9593555	.4134424	.8174703	.9218823

#1	9.577155	.5088208	2.523836	390.1182	13.98233	2.512223
#2	9.475683	.5082313	2.525900	387.9358	14.19225	2.514844
#3	9.547598	.5099485	2.567018	391.0803	14.00617	2.553819

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.11536	410.5006	14.45176	399.5904	2.531316	F 1.068689
Stddev	.02300	.9723	.04027	.9884	.028041	.007521
%RSD	.1629663	.2368574	.2786535	.2473548	1.107782	.7037892

#1	14.08965	410.2337	14.45952	399.2692	2.517117	1.067684
#2	14.12247	409.6897	14.40817	398.8025	2.513214	1.076662
#3	14.13397	411.5785	14.48758	400.6994	2.563617	1.061720

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.2460	2.514458	16.25663	149.3113	4.923872	F 4.273262
Stddev	1.2161	.006988	.12568	.4419	.031624	.019031
%RSD	.2978944	.2779051	.7730886	.2959563	.6422677	.4453490

#1	407.2473	2.508418	16.36236	148.8126	4.892626	4.253776
#2	407.8904	2.512846	16.28985	149.6541	4.923127	4.274207
#3	409.6003	2.522111	16.11768	149.4674	4.955862	4.291803

Sample Name: CCV068 Acquired: 11/13/2017 14:07:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.918633	5.076217	4.992810	4.964874	5.022843	4.945748
Stddev	.028088	.072802	.017263	.058964	.014732	.015713
%RSD	.5710577	1.434180	.3457547	1.187633	.2932956	.3177130

#1	4.897985	5.000902	4.987432	4.922097	5.012835	4.927628
#2	4.907296	5.081534	5.012122	4.940389	5.015935	4.953992
#3	4.950618	5.146215	4.978877	5.032137	5.039759	4.955623

Elem	Sr4077
Units	ppm
Avg	5.353650
Stddev	.035515
%RSD	.6633863

#1	5.386978
#2	5.316291
#3	5.357679

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1053.751	2079.941	32238.80	6168.319	2443.418
Stddev	8.565	8.418	209.89	16.342	17.929
%RSD	.8128210	.4047302	.6510451	.2649346	.7337810

#1	1045.720	2082.844	32252.79	6153.543	2452.680
#2	1052.768	2086.523	32022.26	6185.871	2454.823
#3	1062.766	2070.455	32441.34	6165.543	2422.753

Sample Name: CCB068 Acquired: 11/13/2017 14:11:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000933	-.001694	.0001781	.0021436	-.001487	-.000315	.0001811
Stddev	.000664	.001318	.0005625	.0045263	.001817	.006597	.0002325
%RSD	71.10224	77.79881	315.9154	211.1600	122.2114	2097.363	128.3780

#1	-.000768	-.003042	.0005514	-.001355	-.000914	-.002259	.0002929
#2	-.001664	-.001629	.0004517	.007256	-.000026	.007036	.0003366
#3	-.000368	-.000409	-.000469	.000530	-.003521	-.005720	-.000086

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000034	.0125888	.0001712	.0002303	.0028288	.0109793
Stddev	.000021	.000028	.0076948	.0003725	.0000939	.0004835	.0056940
%RSD	80.66676	81.80629	61.12472	217.5940	40.79705	17.09066	51.86168

#1	-.000049	-.000051	.0039810	.0004891	.0003382	.0024037	.0146590
#2	-.000009	-.000002	.0188007	.0002631	.0001667	.0033547	.0138582
#3	-.000019	-.000050	.0149846	-.000239	.0001859	.0027279	.0044206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000275	-.020530	-.000024	.0003521	.0506260	-.002012	.0007790
Stddev	.000511	.024338	.000454	.0003478	.0603169	.002618	.0006613
%RSD	185.6504	118.5494	1892.292	98.77326	119.1422	130.1004	84.88998

#1	-.000557	-.000163	.000387	.0004728	.1099003	-.000462	.0000427
#2	-.000584	-.047484	.000052	.0006235	.0526598	-.000539	.0009720
#3	.000315	-.013944	-.000511	-.000040	-.010682	-.005034	.0013223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2871545	-.002851	.0047056	.0005532	-.006035	-.001149	.0000742
Stddev	.0342274	.001676	.0001921	.0003617	.001512	.001623	.0010387
%RSD	11.91951	58.77609	4.083017	65.37752	25.04953	141.3095	1399.595

#1	.2935268	-.001484	.0045553	.0009643	-.006824	-.002861	-.000323
#2	.2501887	-.002349	.0049221	.0004114	-.004292	.000368	.001253
#3	.3177479	-.004721	.0046396	.0002840	-.006989	-.000953	-.000707

Sample Name: CCB068 Acquired: 11/13/2017 14:11:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB068 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000318	.0039284	-.000046
Stddev	.000361	.0006125	.000053
%RSD	113.3578	15.59064	115.1907

#1	-.000705	.0046156	.000014
#2	.000009	.0037293	-.000065
#3	-.000258	.0034402	-.000086

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.956	2565.199	38452.57	6466.084	3761.691
Stddev	8.112	11.296	143.75	32.854	24.024
%RSD	.6211402	.4403750	.3738314	.5080927	.6386458

#1	1315.161	2571.884	38551.52	6428.148	3769.773
#2	1302.854	2571.557	38287.68	6485.278	3780.632
#3	1299.853	2552.156	38518.50	6484.824	3734.669

Sample Name: I6124-19 Acquired: 11/13/2017 14:21:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EC6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.407973	.1694632	6.464644	.1101350	.2218564	83.58016	5.118745
Stddev	.018226	.0006065	.024244	.0061145	.0018842	.38389	.013961
%RSD	.3370194	.3578726	.3750222	5.551824	.8493003	.4593053	.2727454

#1	5.415475	.1690236	6.448273	.1124575	.2227065	83.20838	5.102857
#2	5.387194	.1692109	6.453163	.1031995	.2196969	83.55700	5.124320
#3	5.421251	.1701551	6.492495	.1147480	.2231658	83.97511	5.129057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1204779	.1156718	15.24158	.5455278	1.183117	1.767736	87.49696
Stddev	.0003426	.0002964	.08336	.0021984	.003312	.003722	.47949
%RSD	.2844047	.2562761	.5468999	.4029888	.2799170	.2105361	.5480031

#1	.1200824	.1153361	15.14544	.5480549	1.181464	1.765763	87.00266
#2	.1206851	.1158975	15.28551	.5444726	1.180957	1.765416	87.52809
#3	.1206661	.1157819	15.29377	.5440560	1.186930	1.772029	87.96012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.616295	2.577030	1.237661	.0014817	.4829223	1.478535	1.810176
Stddev	.013808	.007244	.004812	.0002859	.1168267	.008660	.026097
%RSD	.8542879	.2810902	.3887662	19.29449	24.19161	.5857292	1.441707

#1	1.601732	2.585127	1.236011	.0011524	.5805243	1.468601	1.809050
#2	1.617955	2.574800	1.233891	.0016260	.5147679	1.482508	1.784660
#3	1.629198	2.571164	1.243080	.0016666	.3534748	1.484496	1.836818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.569451	3.175571	-.210700	.0034570	1.598220	22.33883	.0200999
Stddev	.035018	.019744	.000995	.0000936	.008033	.06786	.0015418
%RSD	2.231249	.6217448	.4722390	2.706865	.5026342	.3037539	7.670821

#1	1.561122	3.166661	-.211600	.0033541	1.589626	22.26198	.0216839
#2	1.539348	3.161852	-.209632	.0034799	1.599494	22.36402	.0186040
#3	1.607883	3.198199	-.210867	.0035370	1.605540	22.39049	.0200117

Sample Name: I6124-19 Acquired: 11/13/2017 14:21:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EC6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6336805	.0200227	.1047203
Stddev	.0027193	.0005157	.0004377
%RSD	.4291275	2.575659	.4179465

#1	.6309231	.0205161	.1044233
#2	.6337584	.0194873	.1045147
#3	.6363600	.0200646	.1052229

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1311.103	2556.395	39000.81	6890.939	3437.788
Stddev	13.372	21.026	239.77	18.473	23.191
%RSD	1.019915	.8225014	.6147749	.2680749	.6745931

#1	1301.857	2555.582	38738.98	6912.211	3438.687
#2	1326.436	2577.816	39209.65	6881.671	3460.516
#3	1305.017	2535.787	39053.80	6878.935	3414.160

Sample Name: I6124-17LX5 Acquired: 11/13/2017 14:25:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EC6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.095951	.0020378	1.335470	-.002570	.0012059	16.41004	.0885974
Stddev	.005391	.0010426	.003206	.002139	.0007945	.04231	.0001842
%RSD	.4919338	51.16006	.2401012	83.23878	65.88539	.2578384	.2078702

#1	1.096021	.0012071	1.332576	-.001855	.0018580	16.36765	.0886495
#2	1.101306	.0016987	1.334916	-.000880	.0014385	16.45228	.0883928
#3	1.090524	.0032078	1.338917	-.004976	.0003210	16.41019	.0887500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005816	.0008302	3.200314	.0196859	.0019592	.2503384	17.92847
Stddev	.0000325	.0001051	.019170	.0005227	.0001386	.0020174	.01850
%RSD	5.596928	12.66268	.5989995	2.655435	7.074425	.8058614	.1032020

#1	.0006077	.0009275	3.188241	.0194647	.0019357	.2526146	17.93038
#2	.0005452	.0007187	3.190283	.0193101	.0018338	.2487713	17.94594
#3	.0005921	.0008443	3.222418	.0202829	.0021080	.2496294	17.90908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0784109	.5144895	.0081707	.0007841	.1021735	.0339916	.1167564
Stddev	.0006840	.0320481	.0002649	.0002272	.0479761	.0008342	.0027398
%RSD	.8723056	6.229102	3.242473	28.98174	46.95556	2.454136	2.346566

#1	.0776244	.4836430	.0083258	.0005954	.0549348	.0335014	.1138666
#2	.0788668	.5122082	.0083215	.0007205	.1508546	.0349548	.1170864
#3	.0787415	.5476173	.0078648	.0010363	.1007311	.0335186	.1193162

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4814361	.6313490	-.045117	.0006551	.3151981	4.993754	.0040832
Stddev	.0339544	.0130233	.000190	.0003966	.0040253	.010147	.0004205
%RSD	7.052736	2.062775	.4211090	60.54569	1.277061	.2031942	10.29748

#1	.5165274	.6446332	-.045287	.0002755	.3185374	4.996169	.0036910
#2	.4790348	.6186033	-.044912	.0010668	.3163284	4.982617	.0045271
#3	.4487461	.6308105	-.045153	.0006230	.3107285	5.002475	.0040315

Sample Name: I6124-17LX5 Acquired: 11/13/2017 14:25:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EC6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1314344	.0006648	.0216357
Stddev	.0005554	.0003733	.0000498
%RSD	.4225671	56.14931	.2304129

#1	.1320725	.0002567	.0215819
#2	.1311703	.0007488	.0216449
#3	.1310602	.0009889	.0216803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.551	2626.910	39279.68	6654.134	3742.398
Stddev	13.059	14.115	117.25	10.851	11.791
%RSD	.9734394	.5373137	.2985120	.1630645	.3150659

#1	1330.060	2611.055	39183.83	6641.607	3728.783
#2	1338.840	2631.566	39244.79	6660.556	3749.143
#3	1355.753	2638.108	39410.42	6660.241	3749.268

Sample Name: I6246-11A Acquired: 11/13/2017 14:30:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDXM1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006672	.0636395	.4659874	-.013590	.1419595	51.09047	.1938239
Stddev	.000119	.0012174	.0007263	.003216	.0017577	.14128	.0010790
%RSD	1.780449	1.912884	.1558715	23.66436	1.238164	.2765363	.5567066

#1	-.006535	.0638195	.4660774	-.017303	.1399910	51.21029	.1938519
#2	-.006745	.0623422	.4652203	-.011674	.1425157	50.93468	.1927312
#3	-.006736	.0647569	.4666646	-.011794	.1433718	51.12644	.1948887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038893	.0112492	28.01017	.1235765	.0679426	.3883598	172.5731
Stddev	.0000194	.0001950	.22636	.0001573	.0002400	.0036314	.8199
%RSD	.5001160	1.733537	.8081483	.1272557	.3532054	.9350490	.4750780

#1	.0038692	.0112177	27.88757	.1237567	.0678333	.3895273	172.5088
#2	.0038907	.0110719	27.87156	.1234668	.0677767	.3842883	171.7874
#3	.0039080	.0114581	28.27139	.1235060	.0682178	.3912638	173.4233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.114080	35.66565	.1472945	.0035661	2.242142	.2842641	4.168837
Stddev	.007264	.13150	.0004576	.0004055	.118692	.0016518	.019521
%RSD	.6520040	.3687084	.3106714	11.37189	5.293676	.5810633	.4682605

#1	1.109473	35.60662	.1471299	.0038327	2.179040	.2834249	4.147996
#2	1.110313	35.57400	.1469419	.0030994	2.379056	.2832005	4.171821
#3	1.122453	35.81632	.1478116	.0037663	2.168330	.2861670	4.186694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.329980	2.931866	-.415065	.0476849	2.225103	8.243327	.0231896
Stddev	.024721	.043021	.003955	.0003537	.024138	.053565	.0004875
%RSD	1.060999	1.467351	.9529782	.7417743	1.084824	.6497989	2.102017

#1	2.304231	2.974184	-.419238	.0474070	2.230396	8.289351	.0226988
#2	2.332184	2.888175	-.411370	.0475646	2.198757	8.184530	.0231964
#3	2.353525	2.933240	-.414588	.0480831	2.246156	8.256101	.0236736

Sample Name: I6246-11A Acquired: 11/13/2017 14:30:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDXM1A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.476342	.0643935	.0853749
Stddev	.018595	.0005188	.0003785
%RSD	.5348891	.8055992	.4433348

#1	3.492941	.0638137	.0858113
#2	3.456247	.0645533	.0851774
#3	3.479837	.0648136	.0851359

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.539	2727.411	40405.08	7223.052	3436.369
Stddev	7.296	14.117	33.03	27.352	16.951
%RSD	.5347139	.5175948	.0817547	.3786759	.4932772

#1	1372.925	2727.719	40436.24	7192.895	3436.637
#2	1361.048	2741.371	40408.56	7246.258	3453.185
#3	1359.644	2713.142	40370.44	7230.003	3419.287

Sample Name: I6348-04A Acquired: 11/13/2017 14:38:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0F79A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118161	.0093878	.2241220	-.001727	-.000815	42.62270	.1589740
Stddev	.0003063	.0012260	.0014983	.000181	.001226	.08758	.0003505
%RSD	2.592443	13.05931	.6685205	10.50419	150.3617	.2054768	.2204497

#1	.0120402	.0085709	.2236769	-.001835	-.000933	42.70879	.1593556
#2	.0119411	.0107975	.2228966	-.001517	.000465	42.53370	.1586667
#3	.0114670	.0087948	.2257924	-.001829	-.001977	42.62560	.1588995

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019852	.0020522	27.91544	.0523580	.0045993	.0201645	58.79900
Stddev	.0000394	.0001537	.04798	.0005153	.0001400	.0003253	.20468
%RSD	1.983568	7.489819	.1718738	.9842168	3.043359	1.613427	.3480984

#1	.0019475	.0019025	27.95659	.0517640	.0046363	.0198958	59.01682
#2	.0019820	.0020444	27.86274	.0526857	.0047170	.0200716	58.61066
#3	.0020261	.0022096	27.92698	.0526243	.0044445	.0205262	58.76951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1118358	2.817720	.0187502	.0015531	.2481168	.1082723	.0329618
Stddev	.0007101	.061727	.0005314	.0002137	.0931736	.0011044	.0034484
%RSD	.6349790	2.190655	2.834279	13.75996	37.55231	1.020041	10.46175

#1	.1112232	2.876372	.0183115	.0017928	.3207382	.1071395	.0359685
#2	.1116700	2.753321	.0185978	.0014838	.2805514	.1093460	.0337192
#3	.1126142	2.823467	.0193411	.0013826	.1430608	.1083312	.0291977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5726955	1.050044	-.142461	.0032334	.3716770	10.16983	.0025921
Stddev	.0250129	.016747	.000815	.0000472	.0093636	.10292	.0014274
%RSD	4.367584	1.594889	.5722675	1.459328	2.519278	1.012005	55.06849

#1	.5878480	1.053730	-.141892	.0032724	.3810946	10.11019	.0010554
#2	.5438249	1.031761	-.142096	.0031809	.3623684	10.11063	.0038767
#3	.5864135	1.064641	-.143395	.0032469	.3715681	10.28867	.0028442

Sample Name: I6348-04A Acquired: 11/13/2017 14:38:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0F79A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5155851	.0017432	.2166642
Stddev	.0041671	.0004585	.0008632
%RSD	.8082285	26.30276	.3984285

#1	.5202998	.0019732	.2176176
#2	.5140606	.0012152	.2159355
#3	.5123949	.0020412	.2164396

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.681	2740.577	40313.09	6984.875	3673.745
Stddev	21.962	11.188	317.84	24.169	19.218
%RSD	1.591791	.4082275	.7884246	.3460237	.5231170

#1	1361.659	2752.490	40046.47	6966.555	3690.563
#2	1373.243	2738.948	40227.99	7012.268	3677.872
#3	1404.143	2730.293	40664.82	6975.801	3652.798

Sample Name: I6124-17A Acquired: 11/13/2017 15:07:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.194488	.0158593	6.392510	-.004849	.0089207	77.50284	.4237970
Stddev	.027833	.0017022	.037001	.002906	.0006626	.53861	.0010651
%RSD	.5358223	10.73310	.5788174	59.93350	7.428001	.6949531	.2513236

#1	5.175589	.0156094	6.369673	-.001520	.0093817	77.24650	.4231659
#2	5.181426	.0142958	6.372657	-.006148	.0081613	77.14028	.4231984
#3	5.226450	.0176726	6.435201	-.006879	.0092190	78.12174	.4250267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028469	.0046503	15.37041	.0932158	.0097057	1.216781	85.10037
Stddev	.0000327	.0002169	.05806	.0016051	.0002096	.003228	.50186
%RSD	1.148503	4.663239	.3777596	1.721943	2.159531	.2653228	.5897329

#1	.0028756	.0045709	15.35607	.0921032	.0094770	1.218445	84.83783
#2	.0028113	.0044843	15.32086	.0950558	.0098886	1.213060	84.78424
#3	.0028538	.0048957	15.43430	.0924883	.0097516	1.218838	85.67905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3800049	2.606013	.0405062	.0023579	.4315545	.1676081	1.573090
Stddev	.0020150	.033858	.0003592	.0004253	.0490736	.0013502	.016000
%RSD	.5302664	1.299209	.8867539	18.03790	11.37135	.8055786	1.017092

#1	.3786813	2.627419	.0403480	.0028019	.3751821	.1685104	1.556007
#2	.3790094	2.566979	.0402532	.0019541	.4647234	.1660558	1.587724
#3	.3823239	2.623642	.0409173	.0023177	.4547581	.1682580	1.575538

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.542672	3.141298	-.212175	.0034201	1.590309	23.35053	.0181429
Stddev	.044112	.056096	.000207	.0003114	.015558	.09478	.0009310
%RSD	2.859450	1.785763	.0974647	9.106098	.9782857	.4059174	5.131216

#1	1.493147	3.138822	-.212001	.0036767	1.582687	23.38122	.0178053
#2	1.557123	3.198590	-.212404	.0035100	1.608208	23.24420	.0174278
#3	1.577746	3.086480	-.212120	.0030736	1.580032	23.42617	.0191955

Sample Name: I6124-17A Acquired: 11/13/2017 15:07:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6494023	.0187463	.1003401
Stddev	.0149291	.0004875	.0007974
%RSD	2.298895	2.600329	.7947041

#1	.6412717	.0186505	.0997653
#2	.6403032	.0192745	.1000047
#3	.6666318	.0183138	.1012505

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.834	2748.959	41213.18	7252.395	3668.058
Stddev	17.792	20.858	724.23	32.080	26.353
%RSD	1.261124	.7587635	1.757269	.4423378	.7184371

#1	1415.018	2762.606	41458.77	7230.570	3689.981
#2	1391.322	2759.321	40398.10	7289.228	3675.372
#3	1426.161	2724.948	41782.68	7237.386	3638.821

Sample Name: CCV069 Acquired: 11/13/2017 15:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.813714	4.717813	24.63852	4.999997	4.717461	397.5197
Stddev	.020194	.040305	.13774	.043671	.032526	5.0778
%RSD	.4195118	.8543182	.5590508	.8734263	.6894779	1.277379

#1	4.821963	4.672031	24.56028	4.982795	4.708446	402.4566
#2	4.790702	4.733457	24.55771	4.967546	4.690394	392.3117
#3	4.828479	4.747951	24.79756	5.049650	4.753544	397.7909

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.474741	.5140242	2.599061	395.3010	14.11807	2.556799
Stddev	.096857	.0044063	.012289	.8522	.05460	.014902
%RSD	1.022265	.8572157	.4728386	.2155743	.3867487	.5828460

#1	9.585849	.5188196	2.589876	396.2583	14.10598	2.547874
#2	9.430261	.5130990	2.594286	394.6253	14.17770	2.548520
#3	9.408114	.5101539	2.613022	395.0192	14.07052	2.574002

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.35611	411.6749	14.59925	400.5996	2.565781	F 1.050319
Stddev	.03436	1.8322	.05339	1.8278	.016642	.002747
%RSD	.2393084	.4450563	.3656802	.4562610	.6486227	.2614935

#1	14.39295	413.7754	14.66049	402.5765	2.554323	1.053278
#2	14.35045	410.4061	14.56249	398.9712	2.558151	1.049828
#3	14.32494	410.8432	14.57478	400.2510	2.584871	1.047852

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.4233	2.512276	14.98271	144.1804	4.914794	F 4.256721
Stddev	2.2974	.009607	.06006	1.2226	.074732	.032727
%RSD	.5666633	.3824058	.4008852	.8479927	1.520546	.7688266

#1	408.0724	2.522930	14.93356	145.5778	4.829406	4.290899
#2	404.2194	2.504272	14.96491	143.6555	4.968282	4.253593
#3	403.9781	2.509627	15.04966	143.3078	4.946692	4.225670

Sample Name: CCV069 Acquired: 11/13/2017 15:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.906468	5.101242	5.017656	5.039146	4.948660	4.971722
Stddev	.029489	.046890	.042822	.018064	.022975	.014689
%RSD	.6010185	.9191914	.8534233	.3584819	.4642695	.2954412

#1	4.891573	5.048696	5.063353	5.019770	4.975061	4.986707
#2	4.887398	5.116207	5.011167	5.042143	4.937723	4.971110
#3	4.940433	5.138823	4.978450	5.055524	4.933197	4.957349

Elem	Sr4077
Units	ppm
Avg	5.160056
Stddev	.128418
%RSD	2.488689

#1	5.303064
#2	5.122503
#3	5.054601

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1099.428	2177.462	33118.00	6346.920	2521.911
Stddev	1.105	17.311	24.59	54.650	19.009
%RSD	.1005047	.7950072	.0742350	.8610463	.7537380

#1	1100.625	2186.366	33097.25	6283.994	2535.600
#2	1099.210	2188.509	33145.15	6374.285	2529.927
#3	1098.448	2157.512	33111.59	6382.482	2500.208

Sample Name: CCB069 Acquired: 11/13/2017 15:15:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017955	-.001102	-.000137	.0009242	-.001510	-.000304	-.000119
Stddev	.0027661	.001719	.000062	.0006050	.000535	.002606	.000126
%RSD	154.0580	155.9946	45.53685	65.45957	35.39207	858.1375	105.8489

#1	-.000722	-.002562	-.000067	.0006383	-.001905	-.003115	-.000247
#2	.004756	.000793	-.000156	.0016192	-.000902	.002031	-.000114
#3	.001353	-.001537	-.000188	.0005152	-.001724	.000173	.000004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000035	.0101721	.0006135	.0001573	.0011245	.0046981
Stddev	.000020	.000031	.0073854	.0001768	.0001213	.0015779	.0111550
%RSD	149.8371	89.80026	72.60472	28.81739	77.15849	140.3136	237.4376

#1	-.000001	-.000069	.0076202	.0008019	.0002932	-.000367	.0173202
#2	-.000002	-.000030	.0184951	.0005875	.0000597	.002776	-.003837
#3	-.000037	-.000007	.0044011	.0004511	.0001189	.000964	.000611

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000160	-.027028	.0003689	.0004295	-.042748	.0009047	.0028685
Stddev	.000037	.016054	.0001818	.0000307	.090274	.0025398	.0028914
%RSD	22.93867	59.39741	49.28268	7.139143	211.1775	280.7463	100.7987

#1	-.000129	-.009017	.0005631	.0004154	-.083097	.0036721	.0029085
#2	-.000200	-.032234	.0003410	.0004646	-.105809	-.001320	.0057398
#3	-.000150	-.039834	.0002027	.0004083	.060663	.000362	-.000043

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2500880	-.000990	.0043190	.0003939	-.011281	-.000937	-.000316
Stddev	.0138523	.002959	.0004812	.0003695	.001767	.000668	.000320
%RSD	5.538963	298.7400	11.14119	93.80738	15.66709	71.30566	101.1432

#1	.2350904	-.000131	.0048351	.0008092	-.011286	-.000723	-.000073
#2	.2624024	.001443	.0042392	.0002711	-.013046	-.001687	-.000197
#3	.2527712	-.004284	.0038827	.0001014	-.009511	-.000402	-.000678

Sample Name: CCB069 Acquired: 11/13/2017 15:15:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB069 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003141	.0057651	-.000017
Stddev	.0005495	.0003536	.000047
%RSD	174.9134	6.133354	270.1600

#1	-.000318	.0055071	.000017
#2	.000588	.0061682	-.000071
#3	.000673	.0056200	.000002

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1398.997	2742.149	40445.01	6797.741	4015.414
Stddev	4.984	3.423	141.07	14.152	13.259
%RSD	.3562899	.1248325	.3488009	.2081924	.3302102

#1	1397.174	2745.594	40326.77	6783.924	4028.794
#2	1395.181	2742.104	40407.09	6812.207	4015.168
#3	1404.637	2738.748	40601.16	6797.093	4002.279