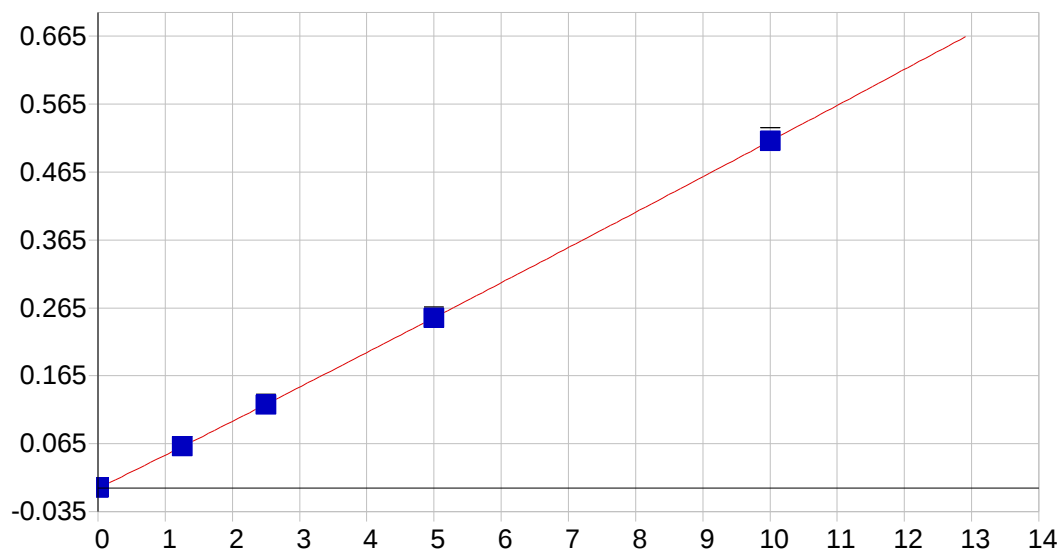




As 189.042 {479}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000151

Re-Slope: 1.000000

A1 (Gain): 0.048315

Y-int: 0.000000

A2 (Curvature): 0.000044

n (Exponent): 1.020000

Correlation: 0.999988

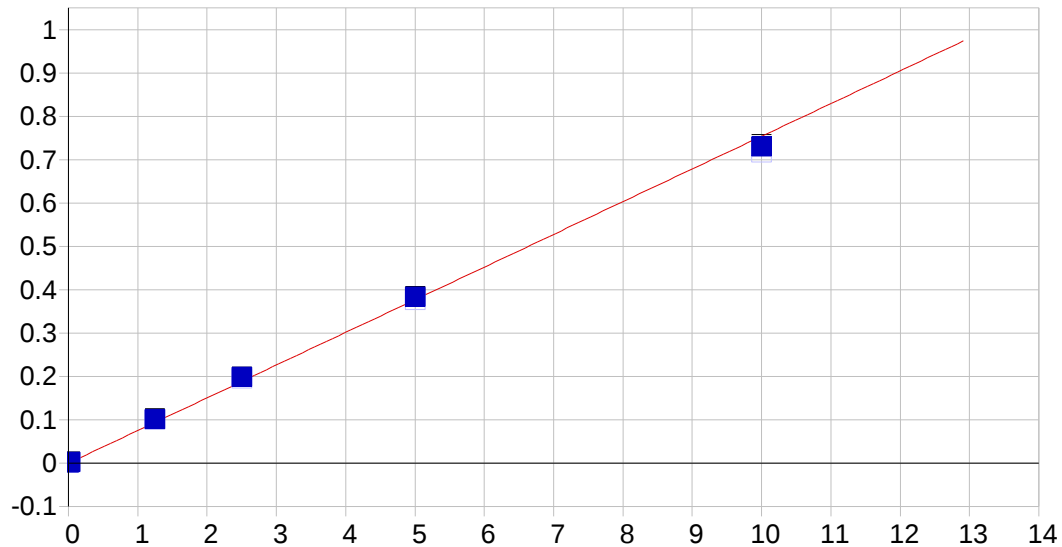
Status: Warning Positive Curvature

Std Error of Est: 0.000006

Predicted MDL: 0.003002

Predicted MQL: 0.010006

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00799	-.002	-20.1	.00020	.000	1
S2	1.2500	1.2609	.011	.874	.06111	.000	1
S3	2.5000	2.4926	-.007	-.296	.12275	.001	1
S4	5.0000	4.9959	-.004	-.081	.25021	.001	1
S5	10.000	10.002	.002	.024	.51054	.005	1

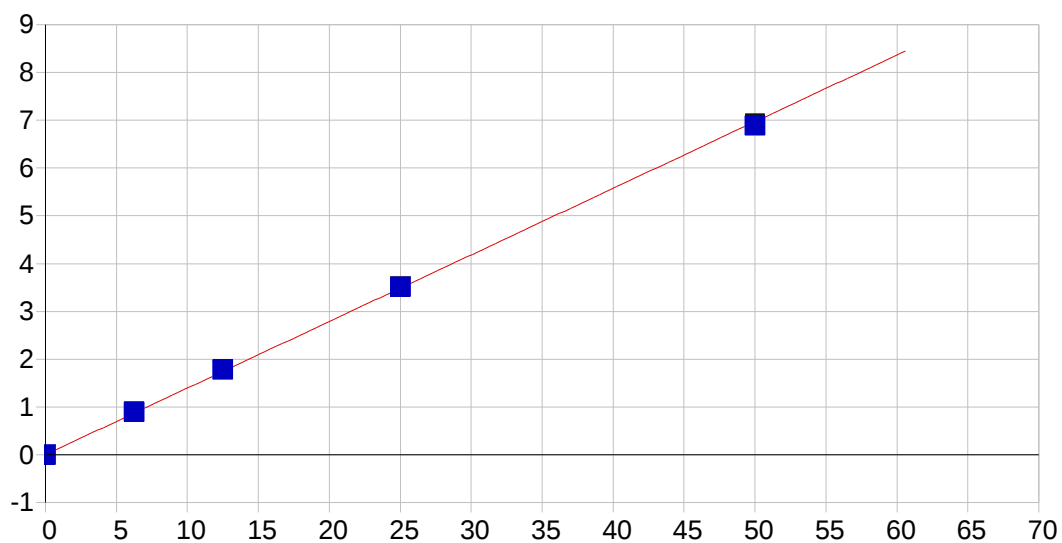


TI 190.856 {477}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000219 Re-Slope: 1.000000
 A1 (Gain): 0.075410 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999237 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.001470
 Predicted MQL: 0.004899

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00022	.000	1
S1	.02500	.02868	.004	14.7	.00178	.000	1
S2	1.2500	1.3527	.103	8.21	.10007	.001	1
S3	2.5000	2.6340	.134	5.36	.19499	.001	1
S4	5.0000	5.0796	.080	1.59	.37598	.002	1
S5	10.000	9.6803	-.320	-3.20	.71607	.005	1

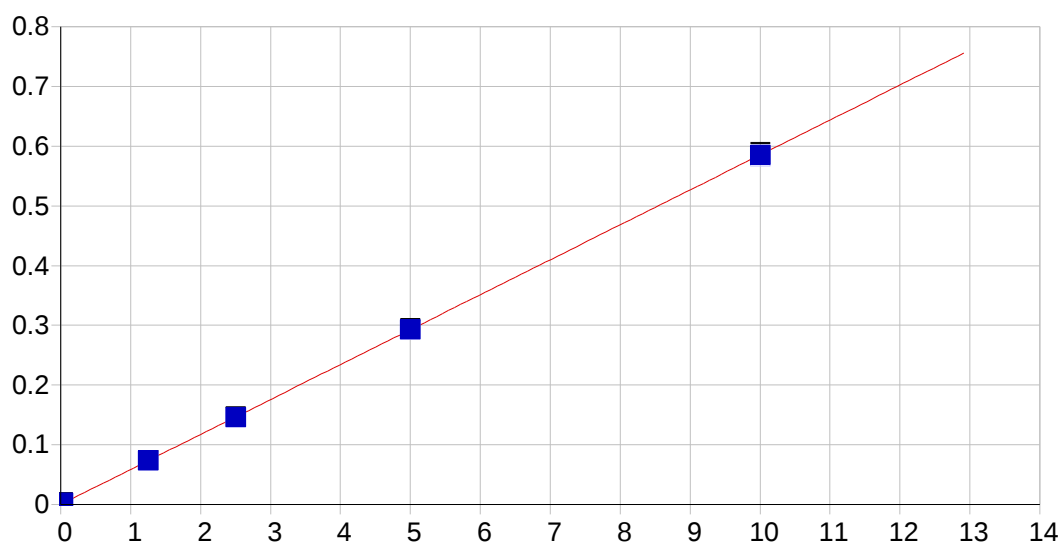


Pb 220.353 {453}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.139391 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.001492
 Predicted MQL: 0.004973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01042	.000	4.23	.00146	.000	1
S2	6.2500	6.4031	.153	2.45	.89280	.003	1
S3	12.500	12.721	.221	1.77	1.7738	.003	1
S4	25.000	25.227	.227	.906	3.5174	.012	1
S5	50.000	49.399	-.601	-1.20	6.8878	.039	1

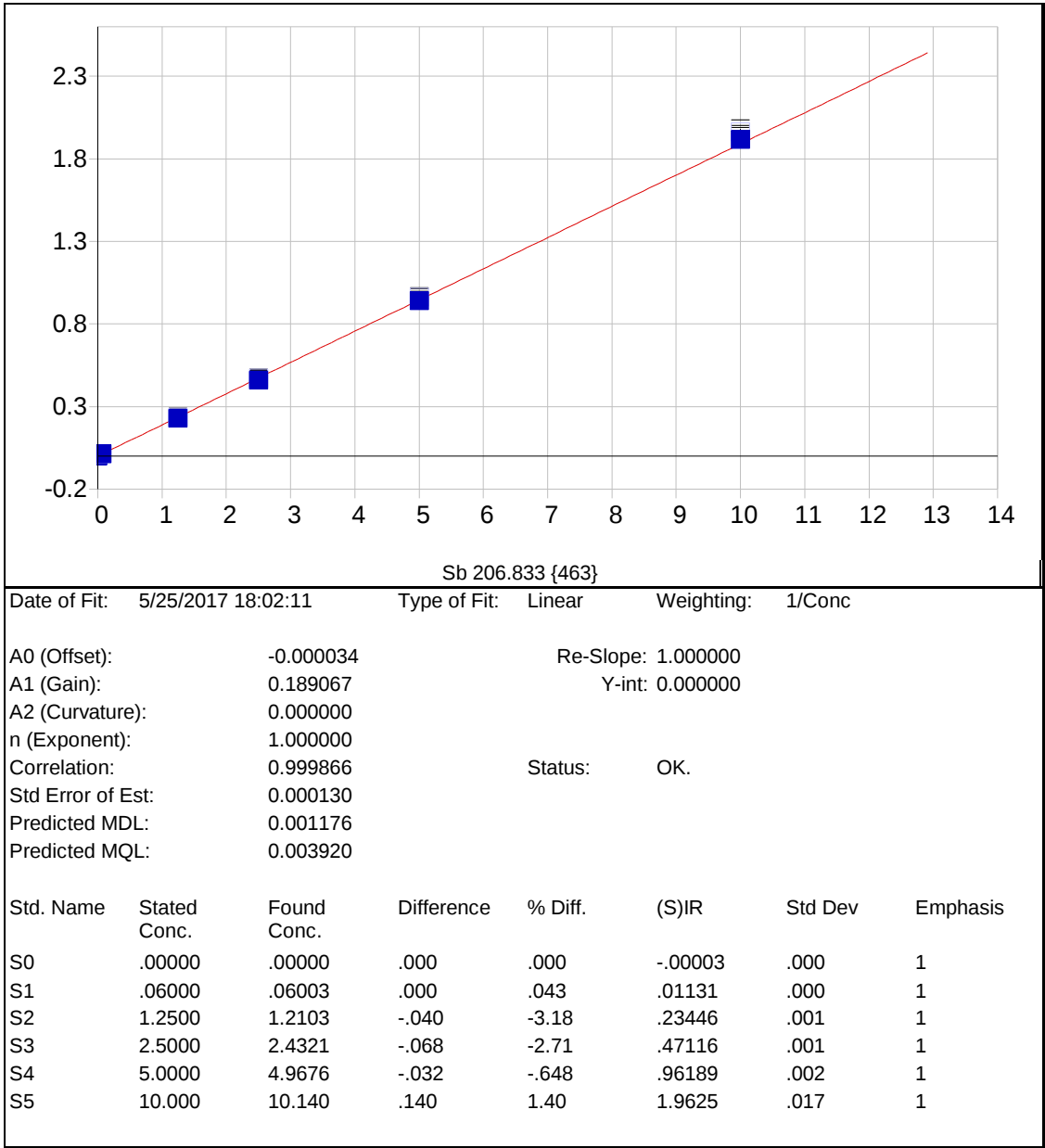


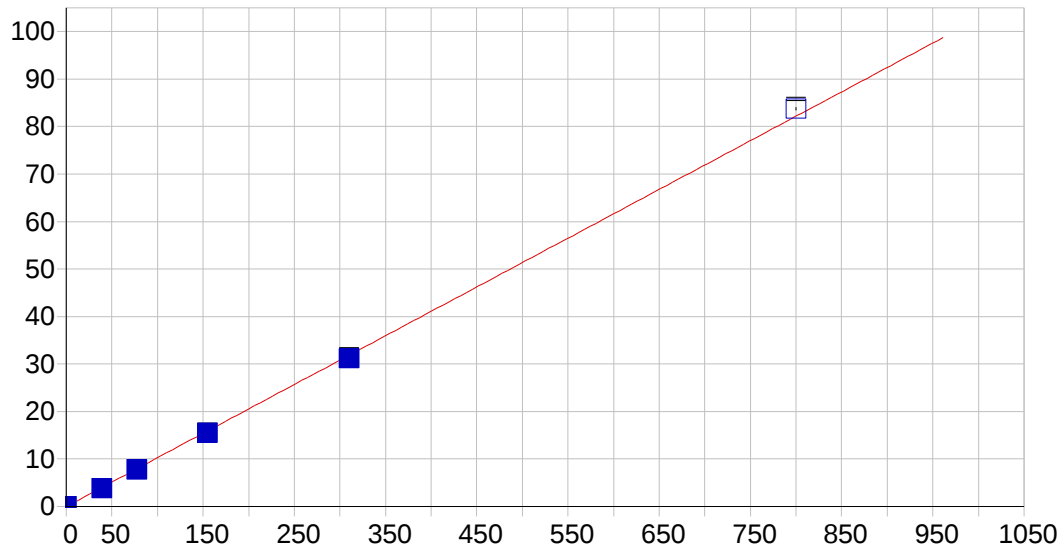
Se 196.090 {472}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000164 Re-Slope: 1.000000
 A1 (Gain): 0.058513 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.002773
 Predicted MQL: 0.009242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.03500	.03645	.001	4.15	.00230	.000	1
S2	1.2500	1.2519	.002	.156	.07315	.000	1
S3	2.5000	2.4939	-.006	-.246	.14555	.001	1
S4	5.0000	5.0118	.012	.237	.29234	.001	1
S5	10.000	9.9909	-.009	-.091	.58259	.005	1



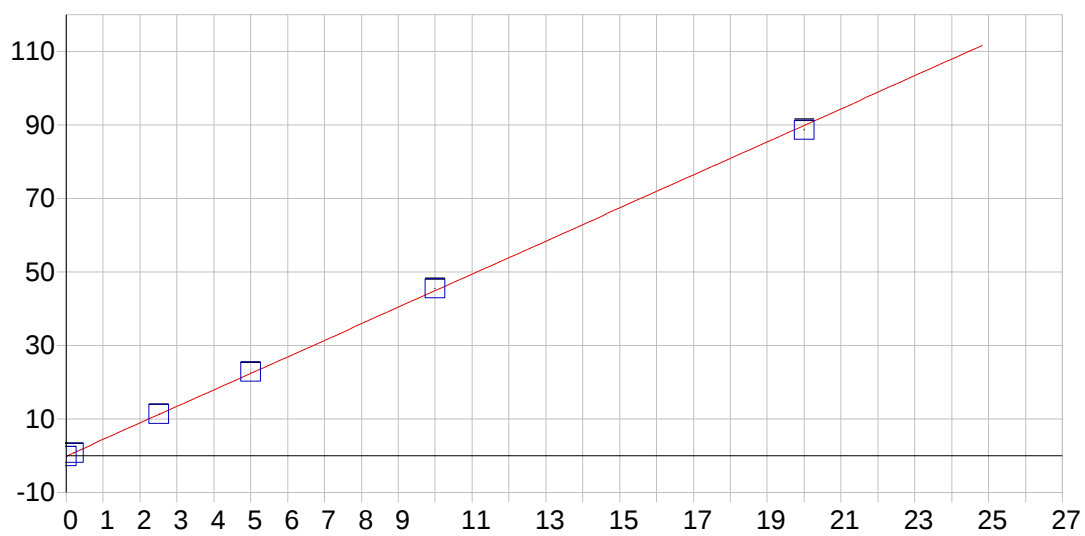


AI 396.152 { 85}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000829 Re-Slope: 1.000000
 A1 (Gain): 0.102711 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999751 Status: OK.
 Std Error of Est: 0.001426
 Predicted MDL: 0.007693
 Predicted MQL: 0.025643

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00083	.000	1
S1	.20000	.18952	-.010	-5.24	.02033	.001	1
S2	38.750	37.360	-1.39	-3.59	3.8428	.007	1
S3	77.500	74.997	-2.50	-3.23	7.7134	.013	1
S4	155.00	150.31	-4.69	-3.03	15.458	.058	1
S5	310.00	303.58	-6.42	-2.07	31.220	.067	1
S6	800.00	815.03	15.0	1.88	83.714	.359	1

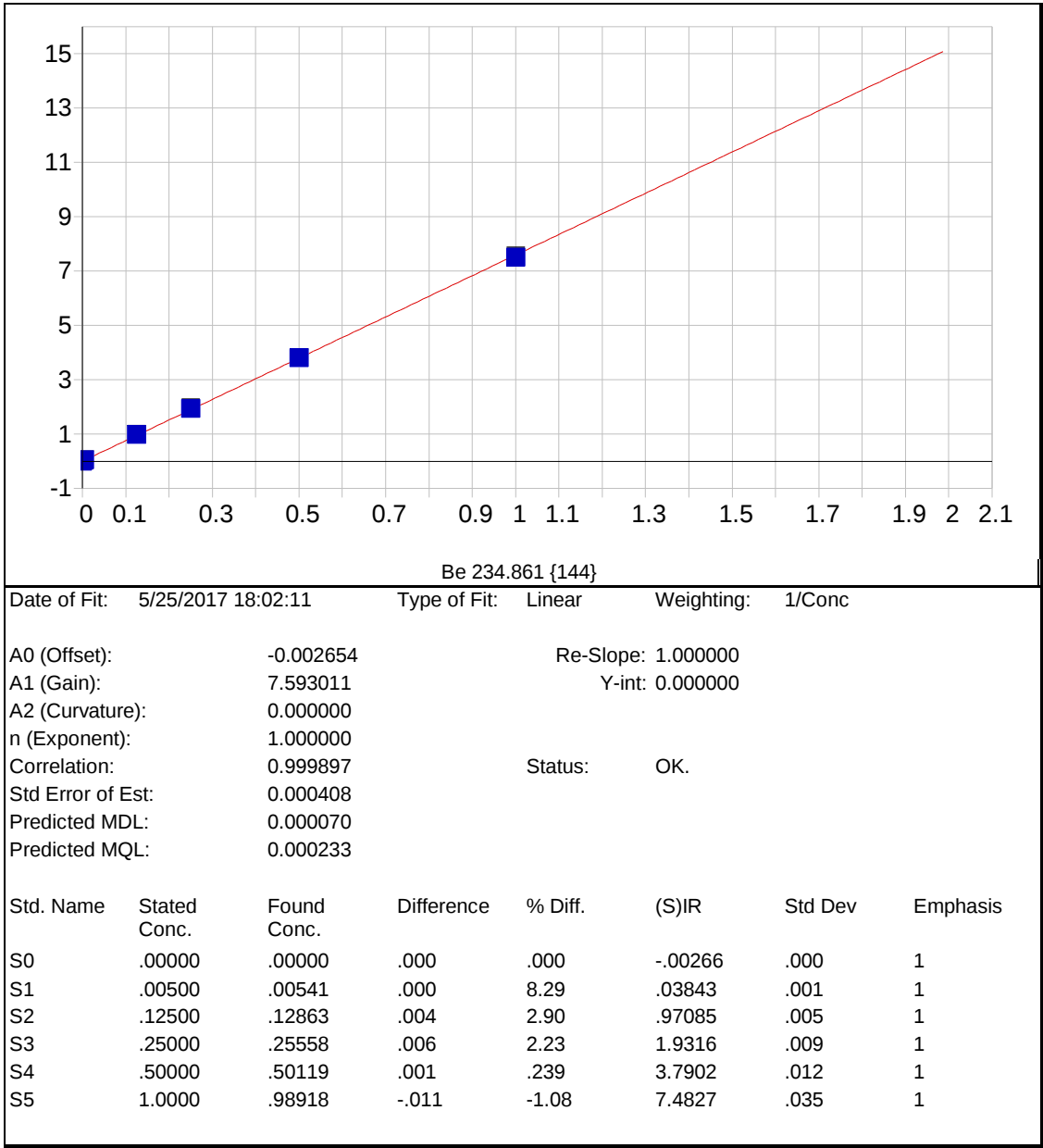


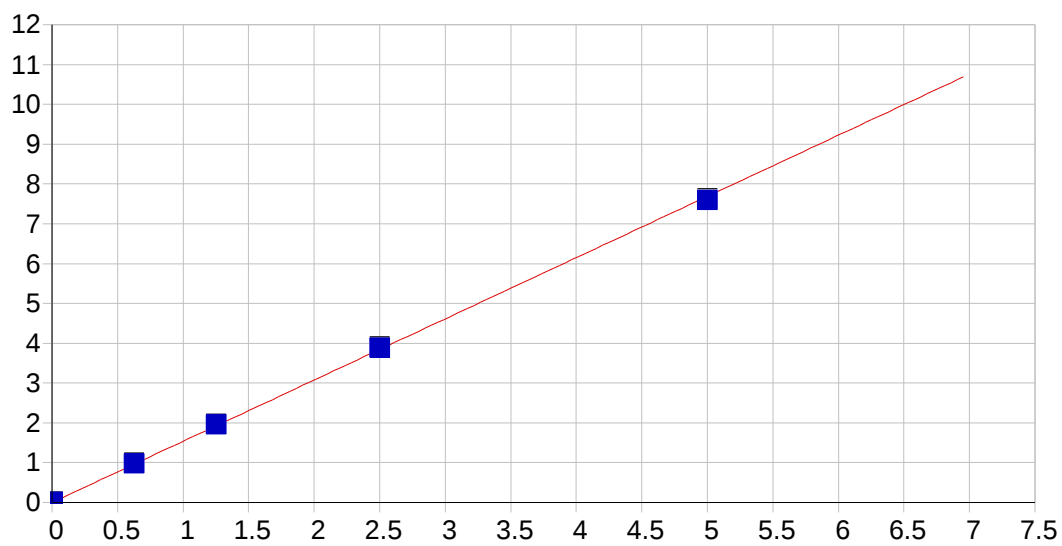
Ba 493.409 { 68}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.092256 Re-Slope: 1.000000
 A1 (Gain): 4.499200 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.006692
 Predicted MDL: 0.000711
 Predicted MQL: 0.002369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.09229	.001	1
S1	.20000	.20147	.001	.733	.81418	.004	1
S2	2.5000	2.5320	.032	1.28	11.300	.016	1
S3	5.0000	5.0858	.086	1.72	22.790	.065	1
S4	10.000	10.143	.143	1.43	45.544	.168	1
S5	20.000	19.738	-.262	-1.31	88.711	.264	1



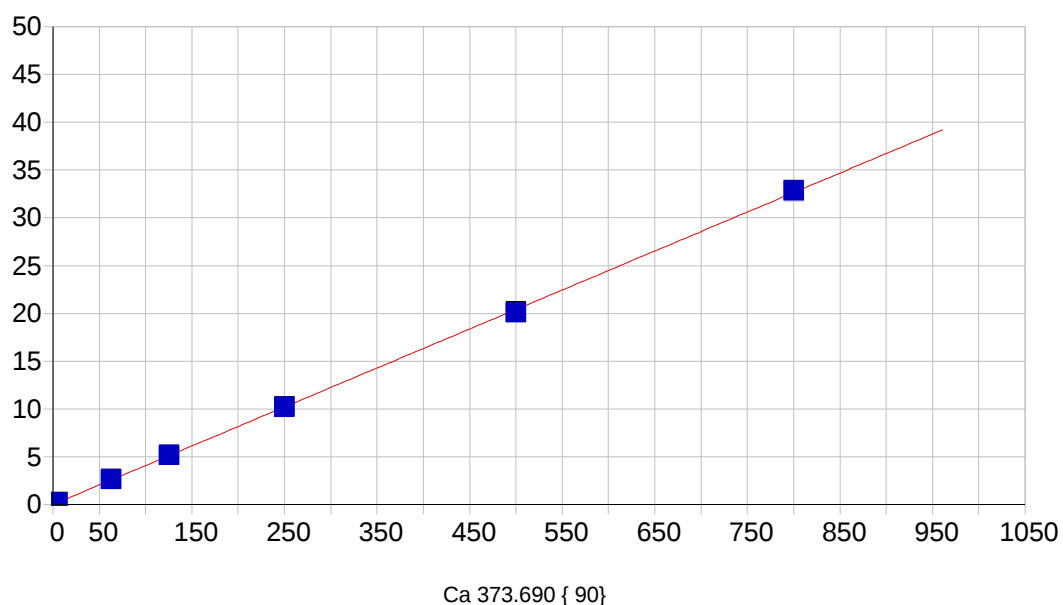


Cd 214.438 {457}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000
 A1 (Gain): 1.537268 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000186
 Predicted MDL: 0.000094
 Predicted MQL: 0.000313

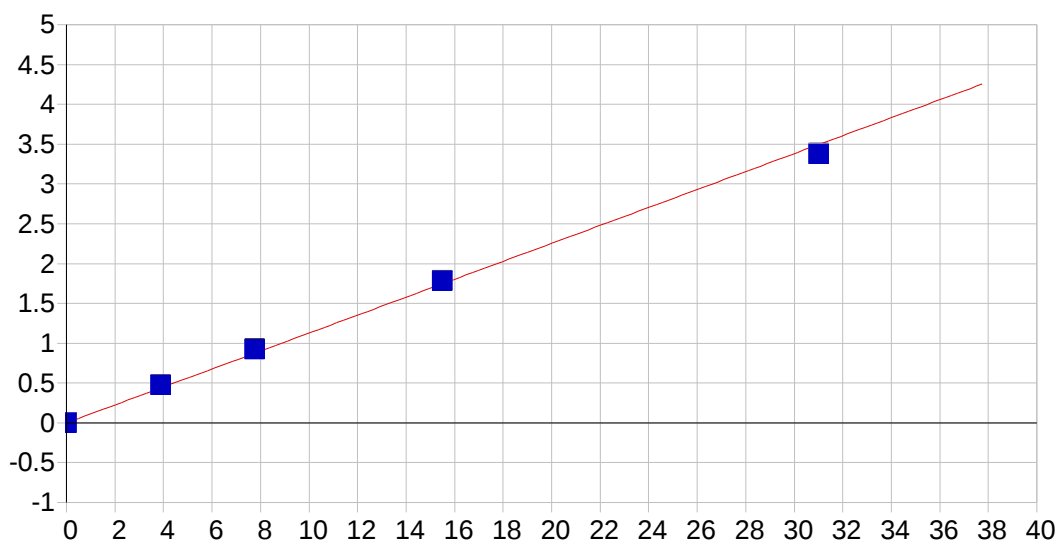
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.00500	.00501	.000	.205	.00790	.000	1
S2	.62500	.63784	.013	2.05	.98240	.006	1
S3	1.2500	1.2760	.026	2.08	1.9651	.006	1
S4	2.5000	2.5269	.027	1.08	3.8914	.016	1
S5	5.0000	4.9343	-.066	-1.31	7.5989	.036	1



Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001198 Re-Slope: 1.000000
 A1 (Gain): 0.040803 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.001529
 Predicted MDL: 0.014965
 Predicted MQL: 0.049885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00027	.000	.000	.00119	.000	1
S1	5.0000	5.1179	.118	2.36	.21001	.001	1
S2	62.500	64.337	1.84	2.94	2.6232	.010	1
S3	125.00	126.42	1.42	1.13	5.1532	.020	1
S4	250.00	249.90	-.103	-.041	10.185	.030	1
S5	500.00	492.67	-7.33	-1.47	20.079	.131	1
S6	800.00	804.06	4.06	.507	32.743	.111	1

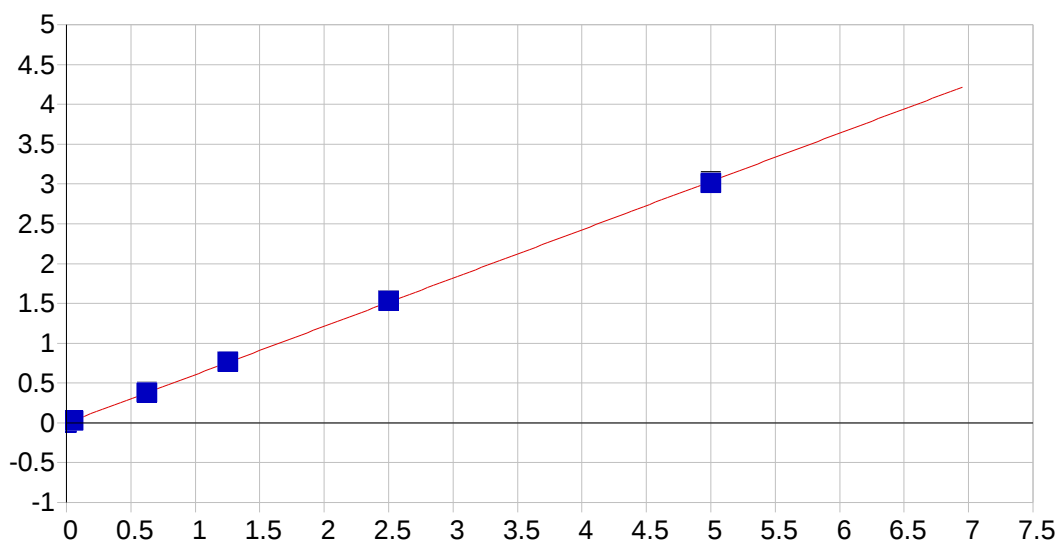


Cr 267.716 {126}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.112696 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999168 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.000454
 Predicted MQL: 0.001514

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01161	.002	16.1	.00132	.000	1
S2	3.8750	4.2069	.332	8.57	.47523	.001	1
S3	7.7500	8.1887	.439	5.66	.92509	.003	1
S4	15.500	15.808	.308	1.99	1.7861	.003	1
S5	31.000	29.919	-1.08	-3.49	3.3809	.008	1

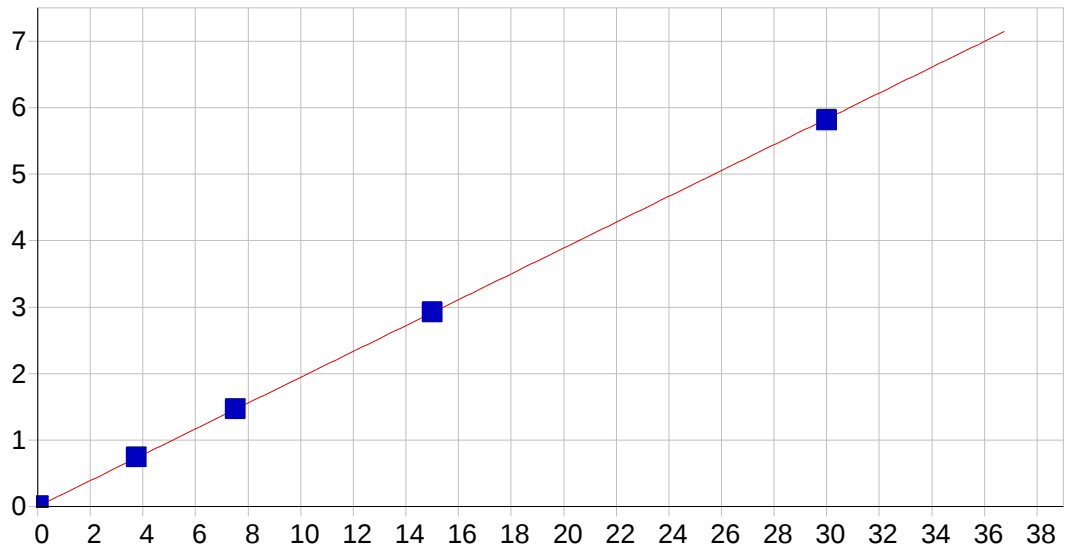


Co 228.616 {448}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000305 Re-Slope: 1.000000
 A1 (Gain): 0.606241 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.000246
 Predicted MQL: 0.000819

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.05000	.04794	-.002	-4.12	.02887	.000	1
S2	.62500	.62888	.004	.620	.38174	.002	1
S3	1.2500	1.2633	.013	1.07	.76717	.002	1
S4	2.5000	2.5227	.023	.908	1.5322	.004	1
S5	5.0000	4.9621	-.038	-.757	3.0143	.018	1

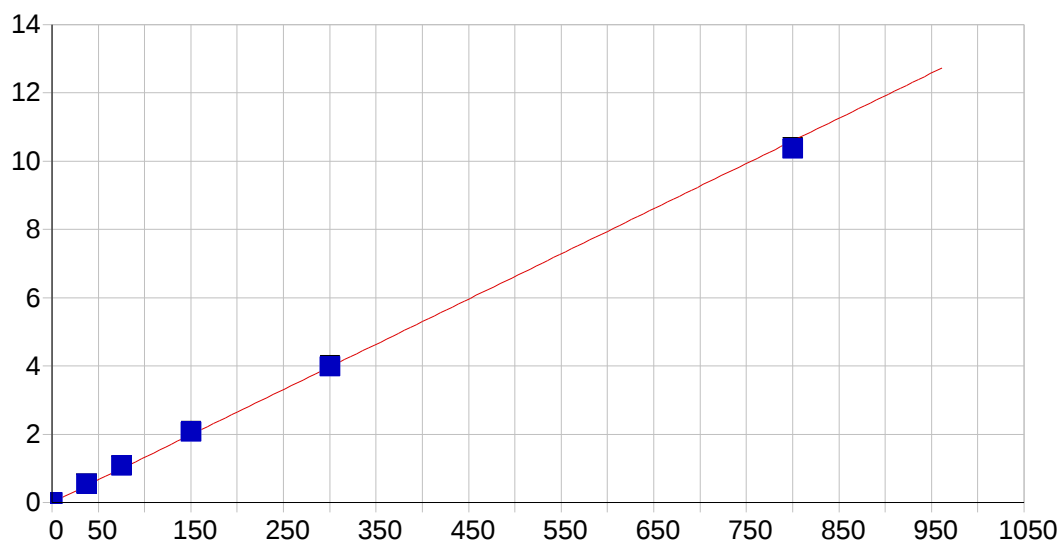


Cu 324.754 {104}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000858 Re-Slope: 1.000000
 A1 (Gain): 0.194393 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.002178
 Predicted MQL: 0.007260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00086	.000	1
S1	.02500	.02650	.002	6.01	.00598	.000	1
S2	3.7500	3.8028	.053	1.41	.73802	.003	1
S3	7.5000	7.5325	.032	.433	1.4609	.003	1
S4	15.000	15.013	.013	.086	2.9109	.007	1
S5	30.000	29.900	-.100	-.332	5.7966	.010	1

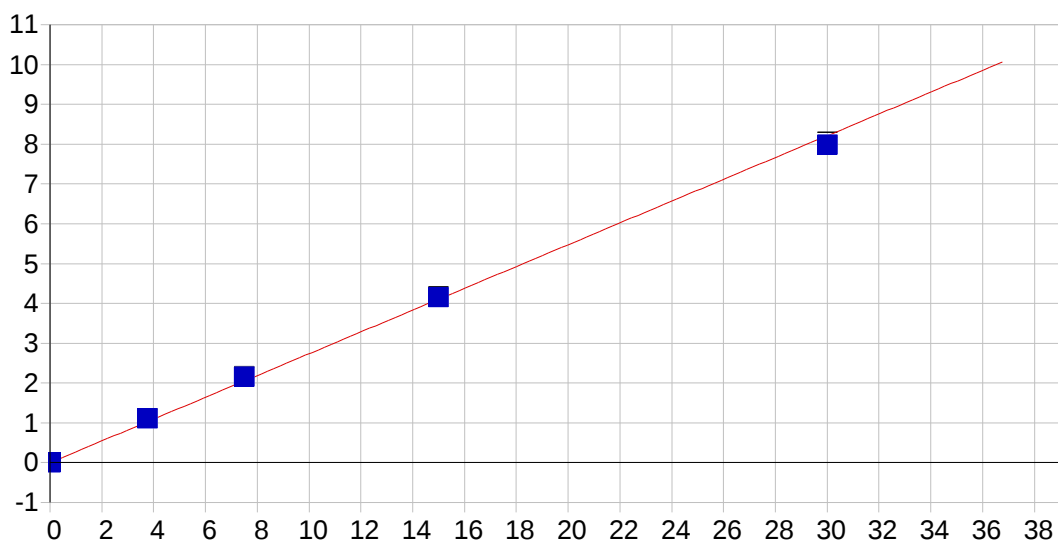


Fe 259.837 {130}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000282 Re-Slope: 1.000000
 A1 (Gain): 0.013243 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999435 Status: OK.
 Std Error of Est: 0.000195
 Predicted MDL: 0.016895
 Predicted MQL: 0.056316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00028	.000	1
S1	.10000	.09846	-.002	-1.54	.00159	.000	1
S2	37.500	41.467	3.97	10.6	.55003	.003	1
S3	75.000	81.075	6.07	8.10	1.0752	.003	1
S4	150.00	156.35	6.35	4.24	2.0733	.009	1
S5	300.00	300.61	.613	.204	3.9861	.026	1
S6	800.00	782.98	-17.0	-2.13	10.375	.028	1

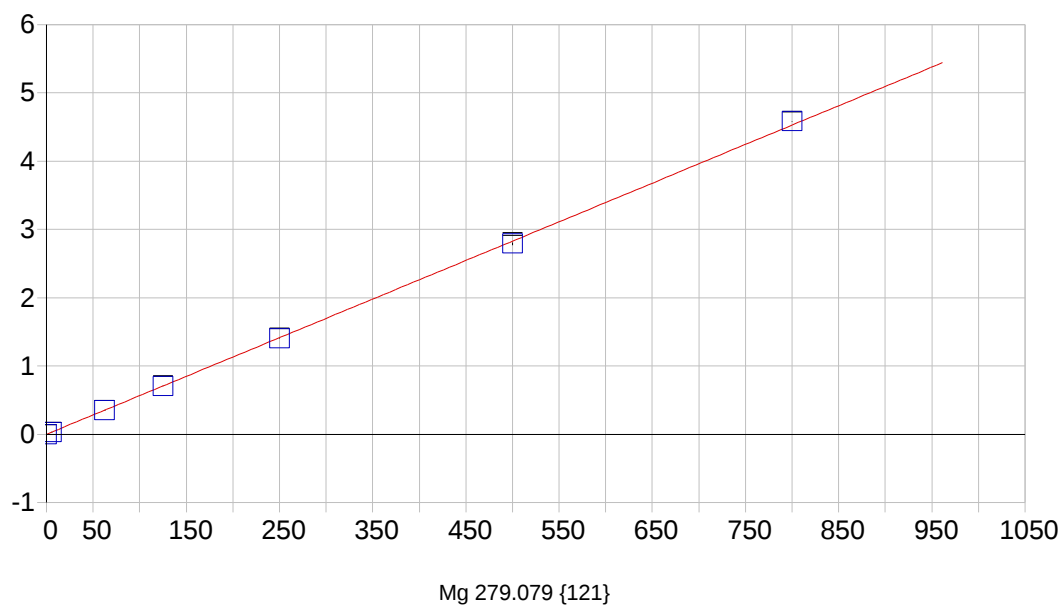


Mn 257.610 {131}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000354 Re-Slope: 1.000000
 A1 (Gain): 0.273711 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999418 Status: OK.
 Std Error of Est: 0.000332
 Predicted MDL: 0.000935
 Predicted MQL: 0.003118

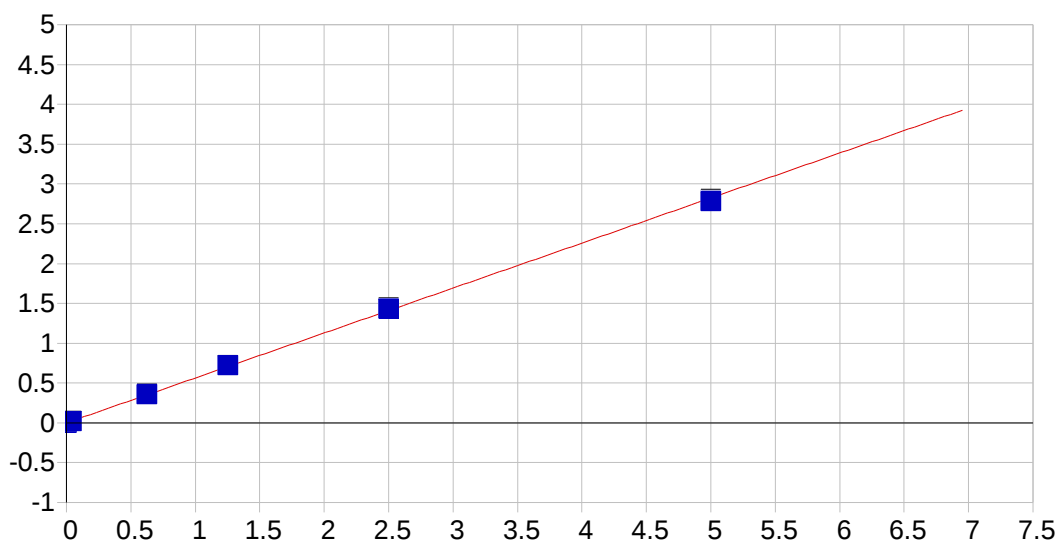
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.01500	.01816	.003	21.1	.00462	.000	1
S2	3.7500	4.0372	.287	7.66	1.1049	.004	1
S3	7.5000	7.8756	.376	5.01	2.1557	.009	1
S4	15.000	15.155	.155	1.03	4.1487	.017	1
S5	30.000	29.179	-.821	-2.74	7.9880	.059	1



Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000323 Re-Slope: 1.000000
 A1 (Gain): 0.005660 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000225
 Predicted MDL: 0.044853
 Predicted MQL: 0.149511

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	-.00032	.000	1
S1	5.0000	4.8643	-.136	-2.71	.02721	.001	1
S2	62.500	61.937	-.563	-.901	.35027	.002	1
S3	125.00	124.65	-.350	-.280	.70525	.004	1
S4	250.00	248.23	-1.77	-.706	1.4048	.004	1
S5	500.00	493.29	-6.71	-1.34	2.7919	.021	1
S6	800.00	809.52	9.52	1.19	4.5819	.007	1

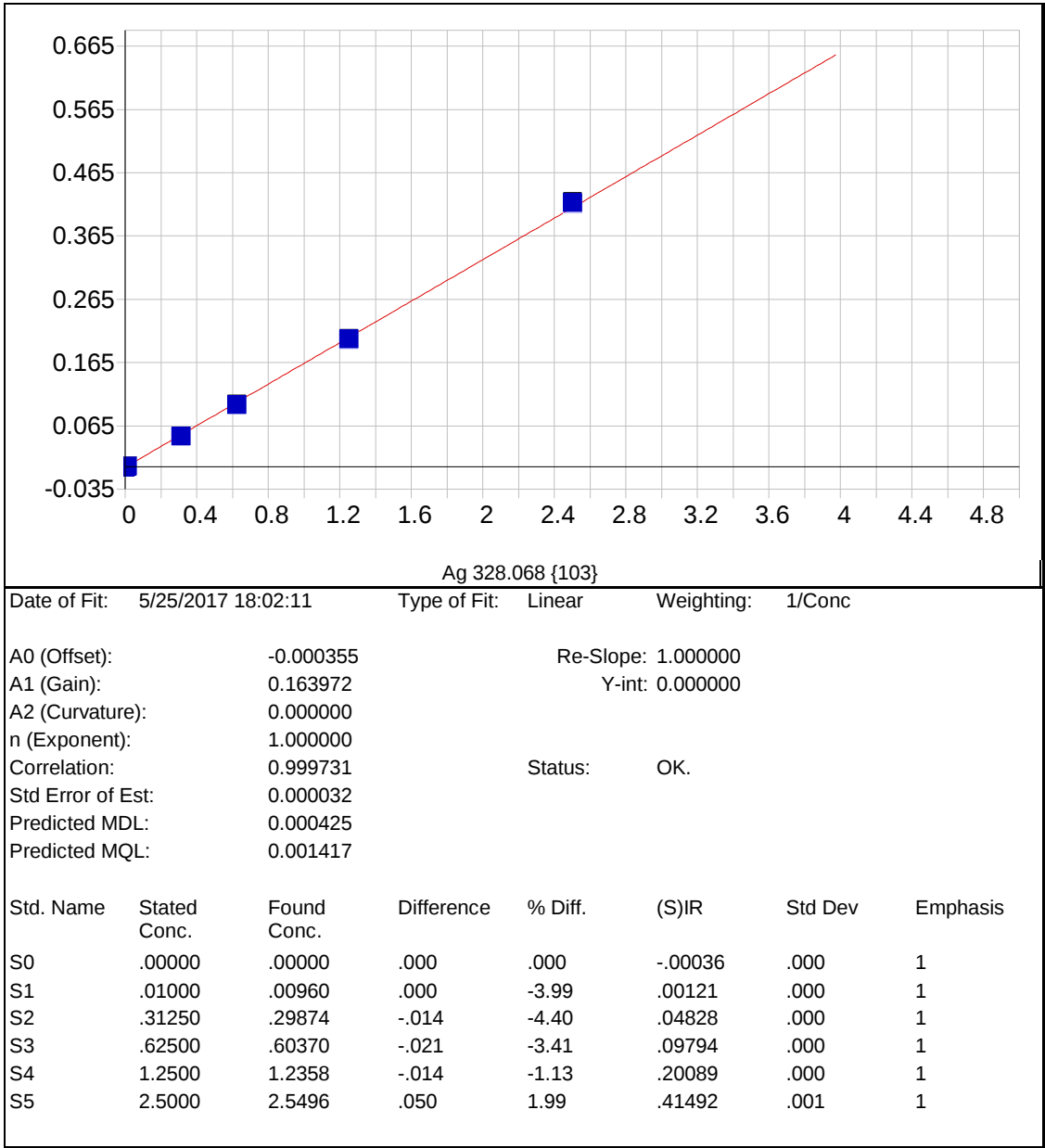


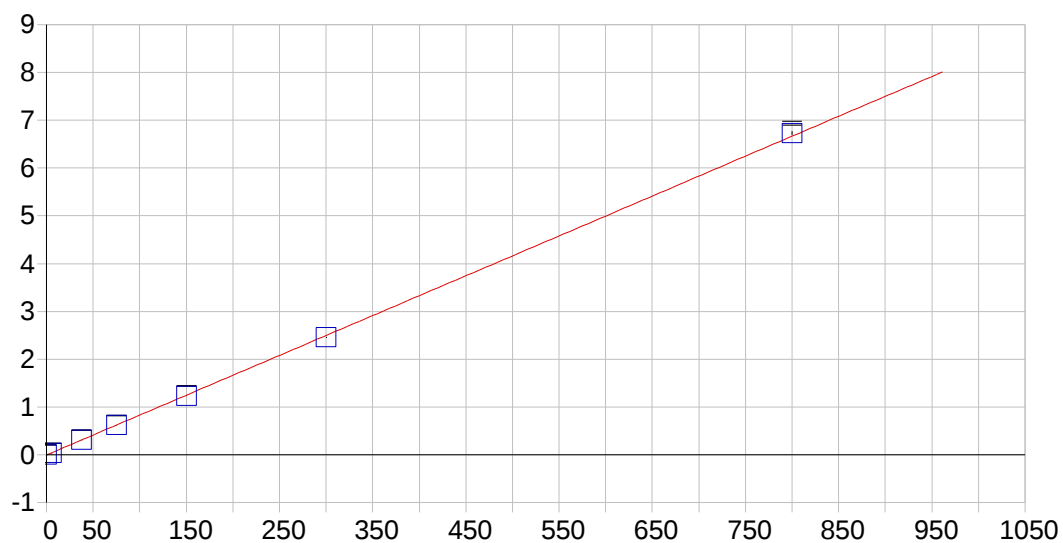
Ni 231.604 {446}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000430 Re-Slope: 1.000000
 A1 (Gain): 0.564621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000208
 Predicted MDL: 0.000344
 Predicted MQL: 0.001148

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00043	.000	1
S1	.04000	.03949	-.001	-1.28	.02190	.000	1
S2	.62500	.63924	.014	2.28	.36236	.001	1
S3	1.2500	1.2739	.024	1.91	.72257	.001	1
S4	2.5000	2.5337	.034	1.35	1.4376	.005	1
S5	5.0000	4.9286	-.071	-1.43	2.7972	.014	1



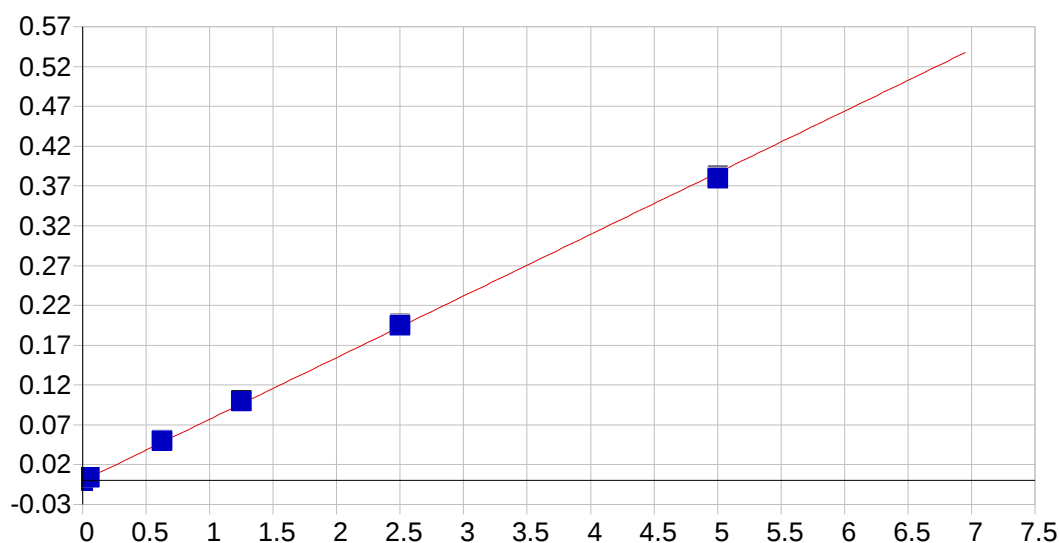


Na 818.326 { 41}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004907 Re-Slope: 1.000000
 A1 (Gain): 0.008336 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000306
 Predicted MDL: 0.189577
 Predicted MQL: 0.631925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	-.00491	.000	1
S1	5.0000	5.0336	.034	.671	.03706	.001	1
S2	37.500	37.095	-.405	-1.08	.30434	.001	1
S3	75.000	74.178	-.822	-1.10	.61348	.002	1
S4	150.00	148.02	-1.98	-1.32	1.2291	.004	1
S5	300.00	295.25	-4.75	-1.58	2.4564	.005	1
S6	800.00	807.92	7.92	.990	6.7303	.038	1

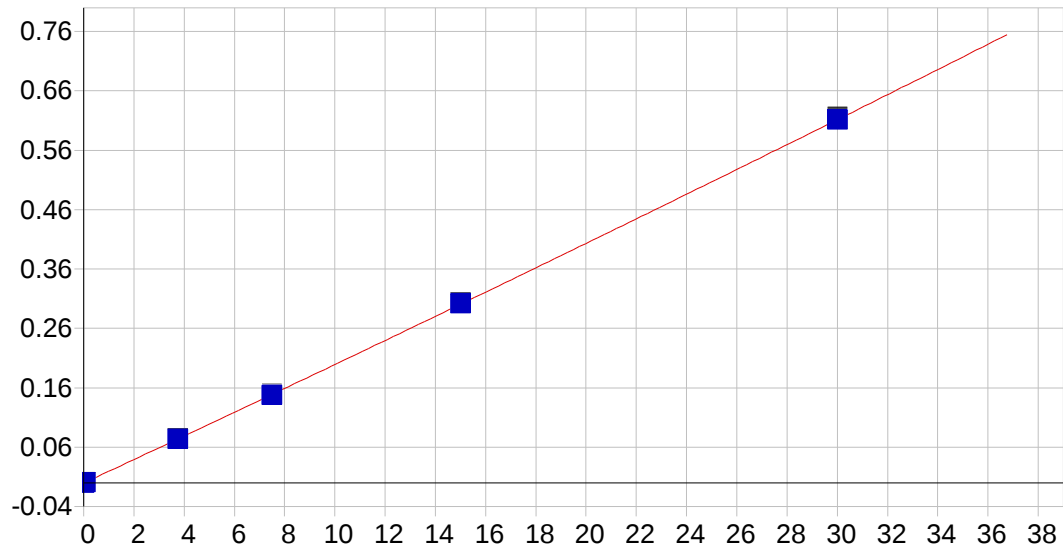


V 292.402 {115}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000357 Re-Slope: 1.000000
 A1 (Gain): 0.077379 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.004188
 Predicted MQL: 0.013959

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00036	.000	1
S1	.05000	.05391	.004	7.82	.00382	.000	1
S2	.62500	.65272	.028	4.43	.05035	.000	1
S3	1.2500	1.2890	.039	3.12	.09979	.001	1
S4	2.5000	2.5222	.022	.889	.19561	.001	1
S5	5.0000	4.9071	-.093	-1.86	.38095	.002	1

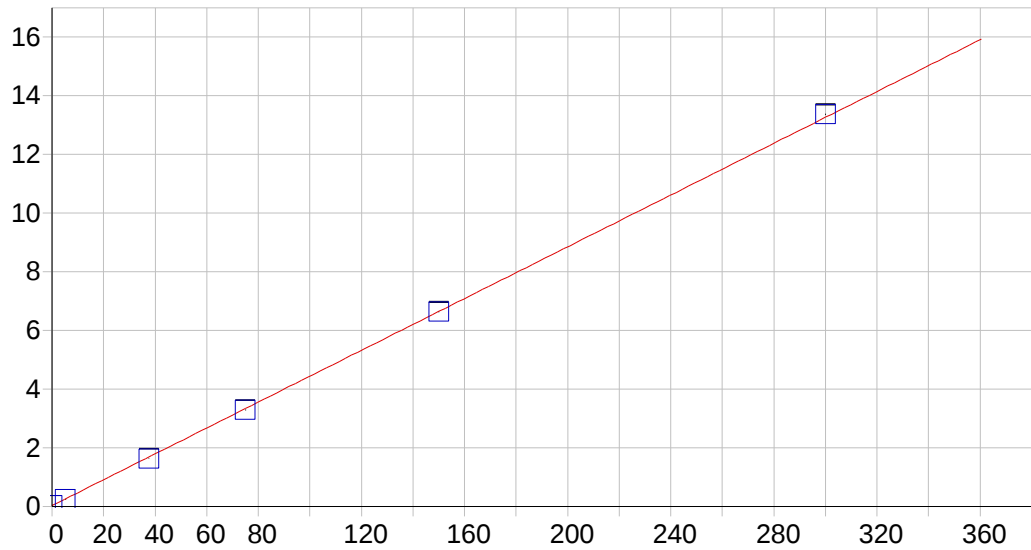


Zn 213.856 {158}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000526 Re-Slope: 1.000000
 A1 (Gain): 0.019750 Y-int: 0.000000
 A2 (Curvature): 0.000022
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: Warning Positive Curvature
 Std Error of Est: 0.000011
 Predicted MDL: 0.021526
 Predicted MQL: 0.071752

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00053	.000	1
S1	.06000	.07019	.010	17.0	.00086	.000	1
S2	3.7500	3.7437	-.006	-.167	.07390	.000	1
S3	7.5000	7.4499	-.050	-.668	.14817	.001	1
S4	15.000	15.065	.065	.433	.30265	.001	1
S5	30.000	29.981	-.019	-.063	.61255	.003	1

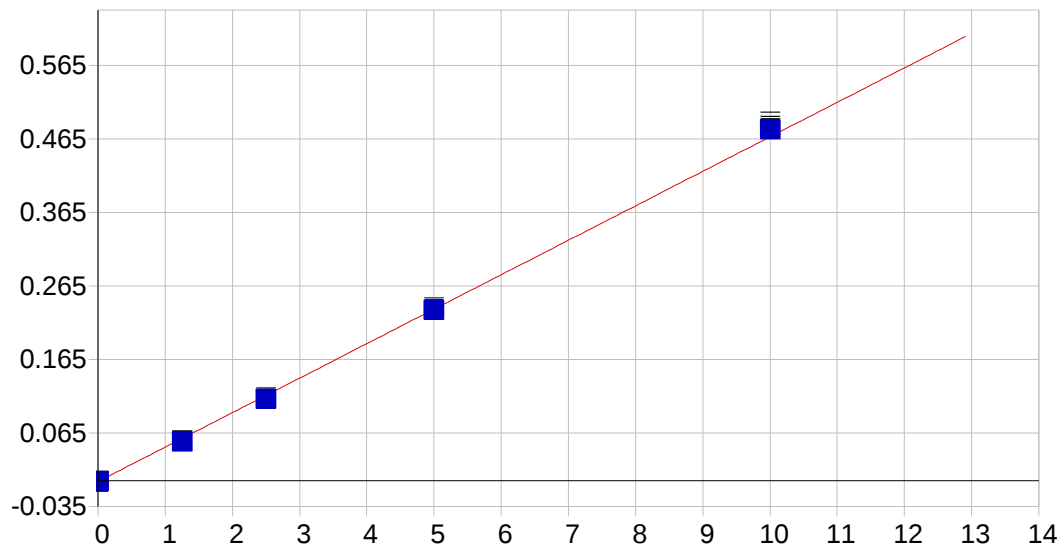


K 769.896 { 44}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029434 Re-Slope: 1.000000
 A1 (Gain): 0.044120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.001120
 Predicted MDL: 0.037959
 Predicted MQL: 0.126530

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	.02945	.001	1
S1	5.0000	4.7138	-.286	-5.72	.23741	.001	1
S2	37.500	36.398	-1.10	-2.94	1.6353	.004	1
S3	75.000	73.928	-1.07	-1.43	3.2912	.007	1
S4	150.00	149.90	-.102	-.068	6.6430	.018	1
S5	300.00	302.56	2.56	.854	13.379	.020	1

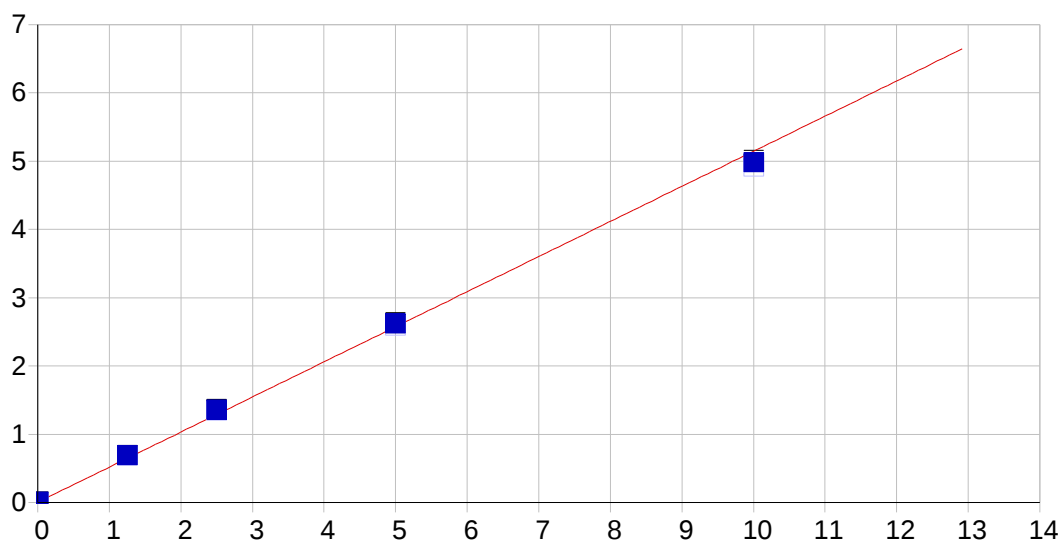


P 177.495 {490}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001141 Re-Slope: 1.000000
 A1 (Gain): 0.046875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999594 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002060
 Predicted MQL: 0.006868

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00114	.000	1
S1	.01000	.01308	.003	30.8	-.00052	.000	1
S2	1.2500	1.1606	-.089	-7.15	.05402	.000	1
S3	2.5000	2.4018	-.098	-3.93	.11296	.000	1
S4	5.0000	4.9765	-.023	-.469	.23517	.001	1
S5	10.000	10.208	.208	2.08	.48342	.005	1

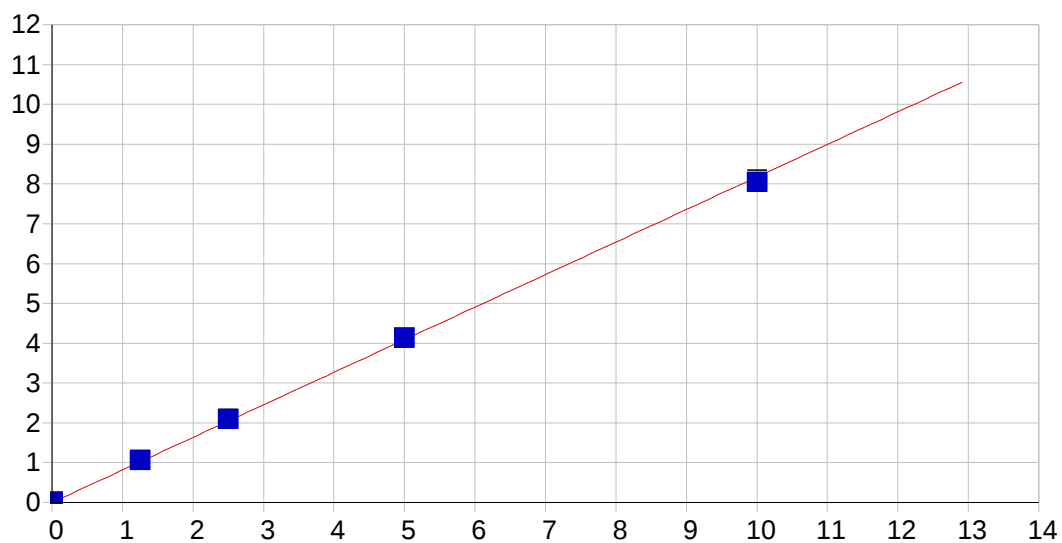


B 249.678 {135}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003287 Re-Slope: 1.000000
 A1 (Gain): 0.514248 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999323 Status: OK.
 Std Error of Est: 0.000313
 Predicted MDL: 0.000991
 Predicted MQL: 0.003304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00329	.001	1
S1	.01000	.00963	.000	-3.68	.00825	.001	1
S2	1.2500	1.3326	.083	6.61	.68053	.003	1
S3	2.5000	2.6392	.139	5.57	1.3444	.006	1
S4	5.0000	5.0925	.093	1.85	2.5899	.014	1
S5	10.000	9.6861	-.314	-3.14	4.9199	.030	1

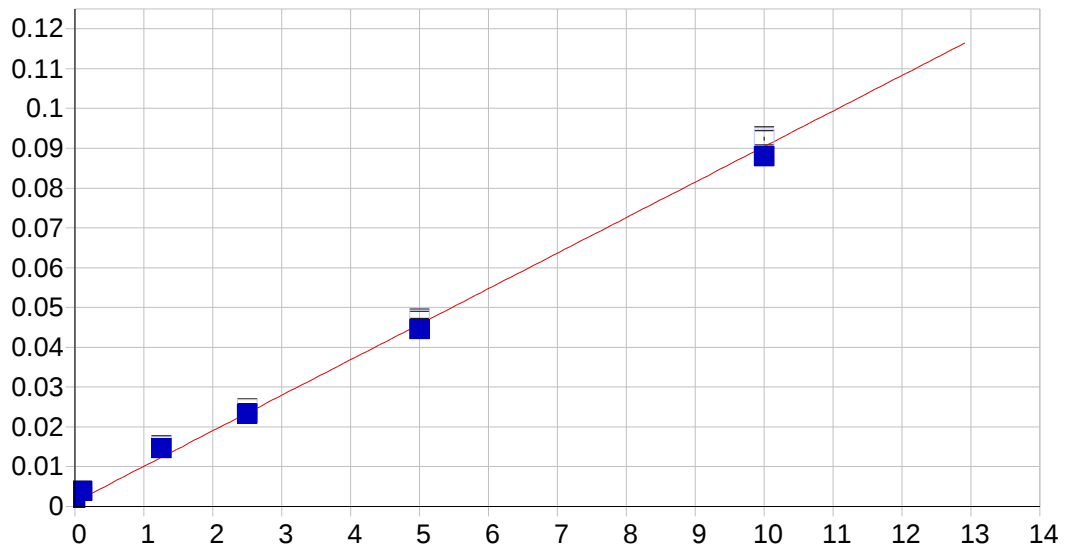


Mo 202.030 {467}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000329 Re-Slope: 1.000000
 A1 (Gain): 0.817573 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.000248
 Predicted MQL: 0.000828

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.01000	.01051	.001	5.08	.00894	.000	1
S2	1.2500	1.2922	.042	3.37	1.0577	.003	1
S3	2.5000	2.5545	.054	2.18	2.0907	.009	1
S4	5.0000	5.0577	.058	1.15	4.1390	.011	1
S5	10.000	9.8452	-.155	-1.55	8.0569	.049	1

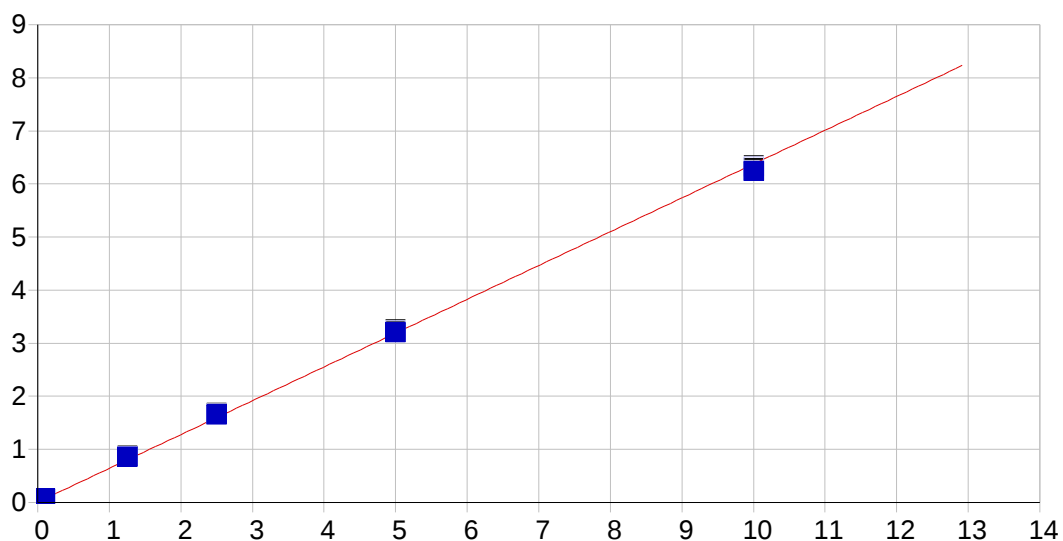


S 182.034 {485}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001159 Re-Slope: 1.000000
 A1 (Gain): 0.008927 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.989039 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.010842
 Predicted MQL: 0.036141

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	.000	.000	.00116	.000	1
S1	.10000	.29968	.200	200.	.00384	.000	1
S2	1.2500	1.5056	.256	20.4	.01517	.000	1
S3	2.5000	2.4797	-.020	-.813	.02443	.000	1
S4	5.0000	4.8619	-.138	-2.76	.04683	.000	1
S5	10.000	9.7124	-.288	-2.88	.09240	.000	1

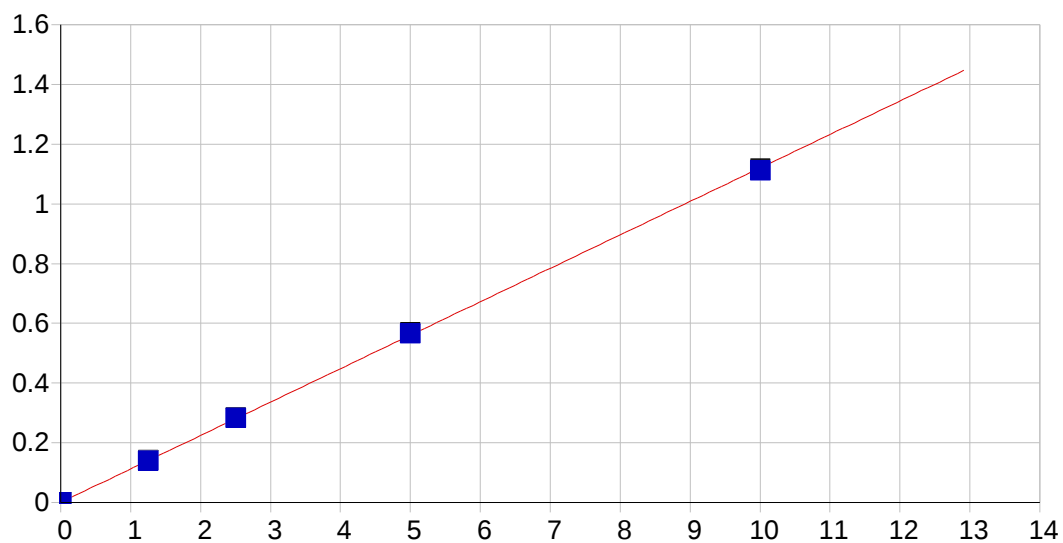


Si 251.611 {134}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005878 Re-Slope: 1.000000
 A1 (Gain): 0.636905 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999614 Status: OK.
 Std Error of Est: 0.000952
 Predicted MDL: 0.000941
 Predicted MQL: 0.003137

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00587	.000	1
S1	.10000	.10169	.002	1.69	.07088	.001	1
S2	1.2500	1.3441	.094	7.52	.87129	.006	1
S3	2.5000	2.5935	.093	3.74	1.6764	.010	1
S4	5.0000	5.0168	.017	.337	3.2386	.017	1
S5	10.000	9.7939	-.206	-2.06	6.3187	.028	1

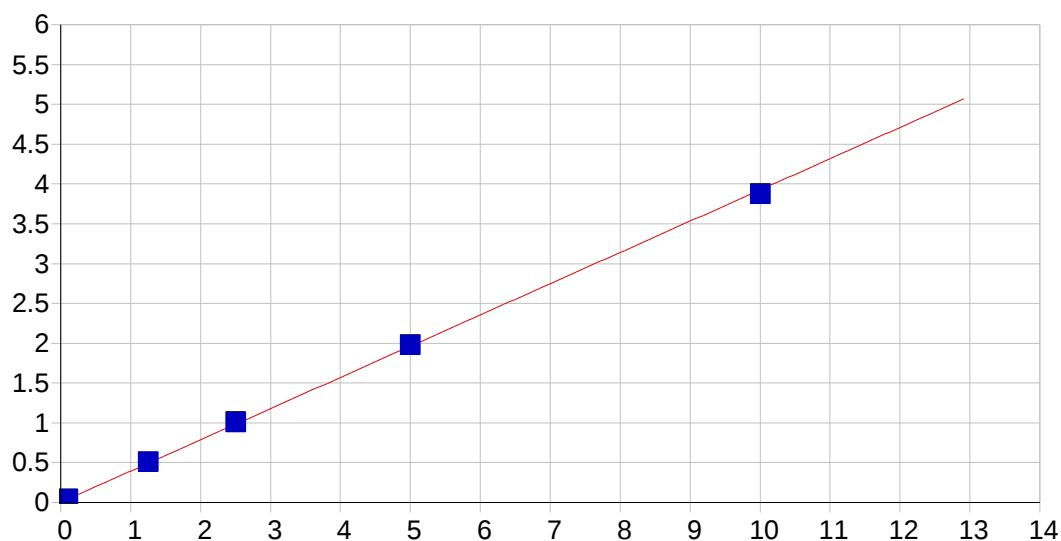


Sn 189.989 {478}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000188 Re-Slope: 1.000000
 A1 (Gain): 0.112016 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000865
 Predicted MQL: 0.002883

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.00700	.00582	-.001	-16.8	.00083	.000	1
S2	1.2500	1.2513	.001	.104	.14024	.001	1
S3	2.5000	2.5238	.024	.950	.28267	.001	1
S4	5.0000	5.0555	.055	1.11	.56604	.002	1
S5	10.000	9.9206	-.079	-.794	1.1106	.006	1

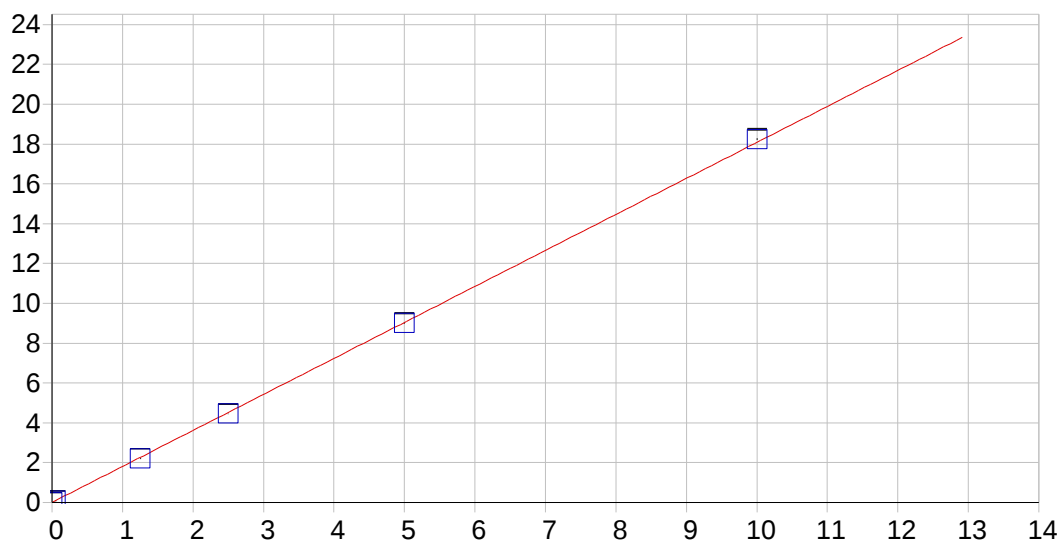


Ti 336.121 {100}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001672 Re-Slope: 1.000000
 A1 (Gain): 0.392334 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.000359
 Predicted MDL: 0.001199
 Predicted MQL: 0.003996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00167	.000	1
S1	.10000	.10327	.003	3.27	.04218	.000	1
S2	1.2500	1.2967	.047	3.74	.51025	.001	1
S3	2.5000	2.5626	.063	2.50	1.0067	.004	1
S4	5.0000	5.0291	.029	.582	1.9741	.009	1
S5	10.000	9.8583	-.142	-1.42	3.8681	.012	1



Li 670.784 { 50}

Date of Fit: 5/25/2017 18:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004688 Re-Slope: 1.000000
 A1 (Gain): 1.807843 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000758
 Predicted MDL: 0.000924
 Predicted MQL: 0.003081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00470	.001	1
S5	10.000	10.092	.092	.919	18.249	.033	1
S4	5.0000	4.9780	-.022	-.440	9.0041	.027	1
S3	2.5000	2.4631	-.037	-1.47	4.4577	.012	1
S2	1.2500	1.2191	-.031	-2.47	2.2087	.004	1
S1	.05000	.04777	-.002	-4.47	.09104	.000	1



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

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



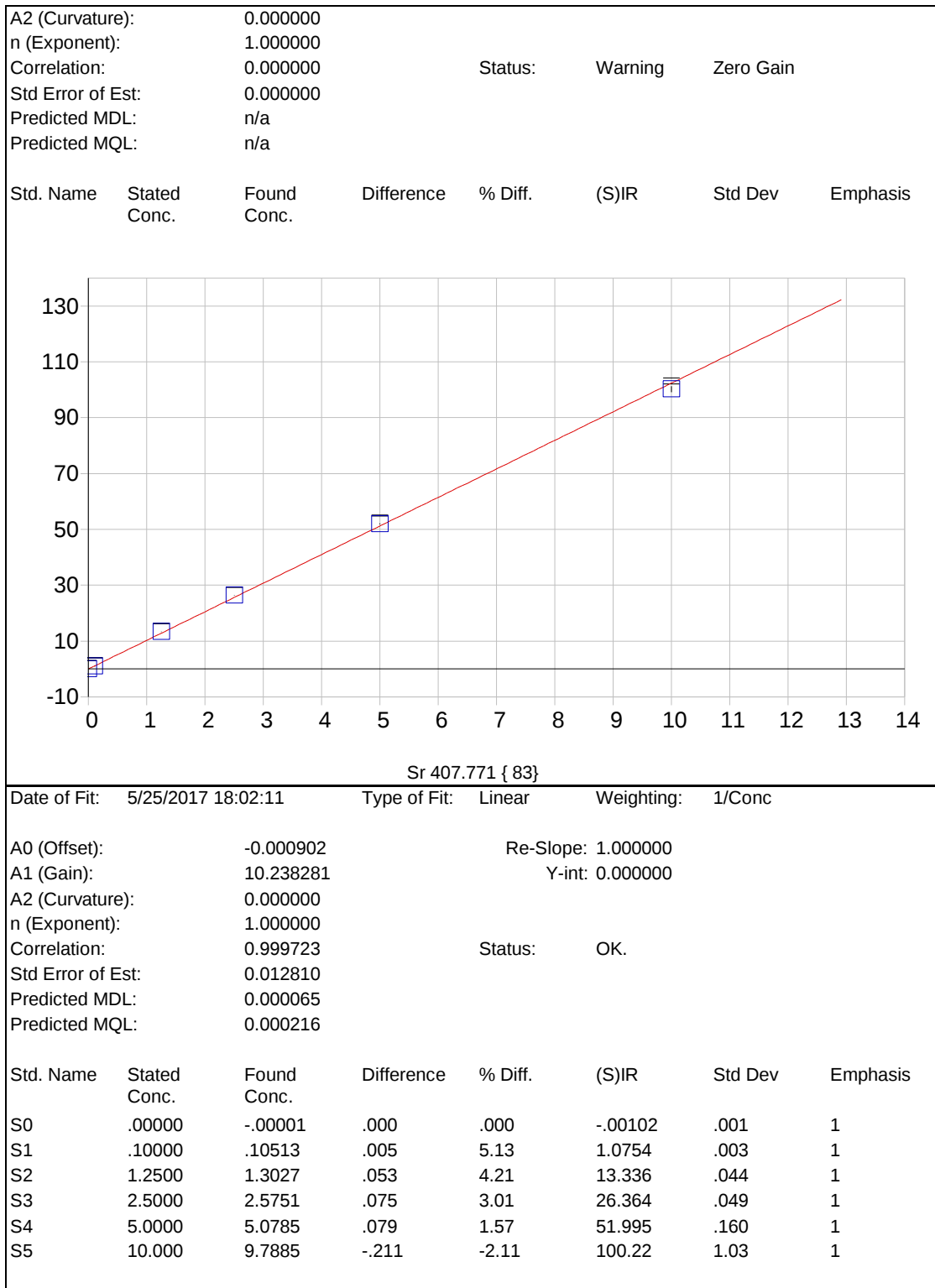


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 5/25/2017 17:29:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	-.00015	-.00022	.00000	.00016	-.00003	.00083	-.09229	-.00266
Stddev	.00008	.00005	.00004	.00005	.00012	.00050	.00126	.00039
%RSD	52.194	22.061	838.72	30.599	344.60	59.877	1.3654	14.723

#1	-.00023	-.00025	-.00004	.00018	.00005	.00104	-.09366	-.00303
#2	-.00016	-.00025	.00002	.00020	-.00017	.00119	-.09119	-.00225
#3	-.00007	-.00016	.00003	.00011	.00002	.00026	-.09202	-.00269

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	.00019	.00119	-.00001	-.00030	.00086	.00028	-.00036	-.00032
Stddev	.00013	.00038	.00004	.00006	.00049	.00024	.00017	.00012
%RSD	70.047	32.219	834.96	18.712	56.642	84.633	46.898	38.596

#1	.00027	.00131	.00004	-.00026	.00118	.00054	-.00039	-.00018
#2	.00026	.00076	-.00005	-.00028	.00030	.00022	-.00050	-.00039
#3	.00004	.00149	-.00001	-.00037	.00110	.00008	-.00017	-.00039

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	-.00043	-.00036	-.00491	-.00036	-.00053	.02945	-.00114	.00329
Stddev	.00020	.00005	.00042	.00014	.00020	.00104	.00004	.00062
%RSD	46.933	15.208	8.5890	39.813	38.327	3.5276	3.5726	18.837

#1	-.00024	-.00041	-.00518	-.00024	-.00037	.02888	-.00116	.00377
#2	-.00041	-.00030	-.00512	-.00032	-.00075	.03065	-.00109	.00259
#3	-.00064	-.00036	-.00442	-.00052	-.00046	.02883	-.00117	.00350

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	.00033	.00116	.00587	.00019	.00167	.00470	-.00102	
Stddev	.00018	.00004	.00031	.00007	.00025	.00130	.00058	
%RSD	54.773	3.3977	5.2588	36.043	14.866	27.718	56.978	

#1	.00038	.00120	.00555	.00025	.00175	.00606	-.00036	
#2	.00013	.00116	.00591	.00012	.00187	.00457	-.00125	
#3	.00048	.00112	.00616	.00020	.00139	.00346	-.00146	

Sample Name: S0 Acquired: 5/25/2017 17:29:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	1809.1	2533.4	57556.	4173.3	3965.6
Stddev	17.4	5.2	138.	12.0	6.3
%RSD	.96115	.20518	.23950	.28801	.15998
#1	1804.8	2538.6	57530.	4164.4	3966.1
#2	1794.3	2528.2	57433.	4187.0	3971.6
#3	1828.3	2533.5	57705.	4168.6	3959.0

Sample Name: S1 Acquired: 5/25/2017 17:33:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	.00020	.00178	.00146	.00230	.01131	.02033	.81418	.03843
Stddev	.00014	.00011	.00021	.00006	.00012	.00054	.00365	.00064
%RSD	69.478	6.1093	14.312	2.4501	1.0489	2.6330	.44833	1.6663

#1	.00004	.00172	.00125	.00228	.01118	.02072	.81643	.03823
#2	.00029	.00191	.00166	.00236	.01142	.02056	.81615	.03915
#3	.00027	.00172	.00146	.00225	.01133	.01972	.80997	.03791

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	.00790	.21001	.00132	.02887	.00598	.00159	.00462	.02721
Stddev	.00008	.00063	.00007	.00017	.00024	.00021	.00009	.00051
%RSD	1.0450	.29967	5.2843	.57730	4.0654	13.350	1.9641	1.8842

#1	.00796	.20978	.00135	.02879	.00586	.00136	.00469	.02666
#2	.00792	.21072	.00137	.02906	.00582	.00165	.00452	.02730
#3	.00780	.20953	.00124	.02876	.00626	.00177	.00465	.02767

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	.02190	.00121	.03706	.00382	.00086	.23741	-.00052	.00825
Stddev	.00013	.00007	.00051	.00012	.00011	.00130	.00004	.00052
%RSD	.60421	5.8120	1.3685	3.2376	12.634	.54795	7.3121	6.2648

#1	.02190	.00123	.03745	.00395	.00074	.23821	-.00048	.00801
#2	.02176	.00128	.03724	.00382	.00089	.23811	-.00052	.00791
#3	.02203	.00114	.03648	.00370	.00096	.23591	-.00055	.00885

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	.00894	.00384	.07088	.00083	.04218	.09104	1.0754	
Stddev	.00013	.00005	.00050	.00002	.00033	.00026	.0034	
%RSD	1.4441	1.3513	.70956	1.8954	.77139	.28810	.32120	

#1	.00896	.00386	.07075	.00082	.04233	.09074	1.0787	
#2	.00905	.00387	.07143	.00082	.04181	.09117	1.0757	
#3	.00880	.00378	.07045	.00085	.04240	.09122	1.0718	

Sample Name: S1 Acquired: 5/25/2017 17:33:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	1825.1	2561.2	57862.	4240.6	3932.1
Stddev	9.1	23.5	69.	2.4	33.1
%RSD	.49897	.91722	.11907	.05662	.84187
#1	1825.6	2546.6	57825.	4239.4	3908.4
#2	1815.8	2548.7	57820.	4243.3	3918.0
#3	1834.0	2588.3	57942.	4239.0	3969.9

Sample Name: S2 Acquired: 5/25/2017 17:37:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	.06111	.10007	.89280	.07315	.23446	3.8428	11.300	.97085
Stddev	.00028	.00062	.00273	.00013	.00056	.0067	.016	.00533
%RSD	.46368	.61626	.30556	.17974	.23764	.17327	.14315	.54905

#1	.06078	.10043	.89390	.07329	.23488	3.8460	11.308	.97160
#2	.06128	.09936	.88969	.07304	.23383	3.8352	11.281	.96518
#3	.06126	.10043	.89480	.07311	.23468	3.8474	11.310	.97576

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	.98240	2.6232	.47523	.38174	.73802	.55003	1.1049	.35027
Stddev	.00611	.0097	.00106	.00178	.00328	.00276	.0043	.00150
%RSD	.62159	.36958	.22347	.46583	.44497	.50135	.38849	.42939

#1	.98336	2.6160	.47401	.38163	.74101	.55245	1.1097	.35179
#2	.97588	2.6195	.47581	.38001	.73451	.54703	1.1015	.34879
#3	.98798	2.6342	.47588	.38357	.73854	.55062	1.1035	.35022

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	.36236	.04828	.30434	.05035	.07390	1.6353	.05402	.68053
Stddev	.00090	.00010	.00083	.00047	.00043	.0045	.00036	.00310
%RSD	.24903	.21320	.27417	.93076	.58547	.27265	.67223	.45572

#1	.36295	.04839	.30507	.04981	.07439	1.6404	.05434	.68049
#2	.36132	.04827	.30343	.05056	.07368	1.6334	.05362	.67745
#3	.36280	.04818	.30451	.05068	.07361	1.6321	.05410	.68365

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	1.0577	.01517	.87129	.14024	.51025	2.2087	13.336	
Stddev	.0026	.00007	.00606	.00099	.00145	.0041	.044	
%RSD	.24360	.45008	.69514	.70480	.28457	.18495	.32683	

#1	1.0579	.01524	.87395	.14020	.51131	2.2134	13.374	
#2	1.0550	.01510	.86435	.13928	.50860	2.2064	13.289	
#3	1.0601	.01516	.87556	.14126	.51084	2.2063	13.346	

Sample Name: S2 Acquired: 5/25/2017 17:37:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	1714.4	2394.4	54704.	4102.7	3355.2
Stddev	12.7	3.7	116.	17.6	8.2
%RSD	.74098	.15532	.21201	.42991	.24511
#1	1700.5	2392.5	54669.	4083.6	3354.0
#2	1717.2	2398.7	54609.	4118.4	3363.9
#3	1725.5	2392.0	54833.	4105.9	3347.6

Sample Name: S3 Acquired: 5/25/2017 17:41:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	.12275	.19499	1.7738	.14555	.47116	7.7134	22.790	1.9316
Stddev	.00079	.00065	.0034	.00064	.00141	.0130	.065	.0086
%RSD	.64186	.33556	.19439	.44113	.29965	.16902	.28502	.44267

#1	.12296	.19479	1.7706	.14510	.47015	7.7235	22.865	1.9347
#2	.12187	.19445	1.7733	.14526	.47056	7.7179	22.748	1.9382
#3	.12341	.19572	1.7774	.14628	.47277	7.6987	22.756	1.9220

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	1.9651	5.1532	.92509	.76717	1.4609	1.0752	2.1557	.70525
Stddev	.0058	.0197	.00273	.00183	.0031	.0031	.0092	.00355
%RSD	.29630	.38280	.29525	.23906	.21107	.28807	.42820	.50281

#1	1.9610	5.1688	.92722	.76551	1.4637	1.0728	2.1502	.70273
#2	1.9625	5.1599	.92605	.76686	1.4615	1.0787	2.1664	.70930
#3	1.9718	5.1310	.92201	.76914	1.4576	1.0740	2.1506	.70371

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	.72257	.09794	.61348	.09979	.14817	3.2912	.11296	1.3444
Stddev	.00078	.00044	.00192	.00063	.00089	.0069	.00013	.0059
%RSD	.10791	.45040	.31336	.62819	.60318	.20915	.11738	.43535

#1	.72174	.09843	.61157	.09921	.14801	3.2985	.11294	1.3494
#2	.72270	.09779	.61344	.10045	.14914	3.2848	.11284	1.3458
#3	.72328	.09759	.61542	.09970	.14737	3.2904	.11310	1.3379

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.0907	.02443	1.6764	.28267	1.0067	4.4577	26.364	
Stddev	.0090	.00004	.0095	.00098	.0036	.0125	.049	
%RSD	.43235	.15079	.56942	.34792	.36027	.28039	.18664	

#1	2.0872	.02442	1.6811	.28199	1.0066	4.4694	26.415	
#2	2.0838	.02447	1.6828	.28222	1.0104	4.4446	26.360	
#3	2.1009	.02440	1.6655	.28380	1.0032	4.4590	26.317	

Sample Name: S3 Acquired: 5/25/2017 17:41:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	1670.7	2317.5	53532.	4077.9	3153.3
Stddev	6.6	4.5	45.	19.7	2.2
%RSD	.39230	.19607	.08429	.48366	.06894
#1	1677.3	2318.6	53480.	4072.0	3154.3
#2	1670.7	2321.4	53558.	4061.9	3154.8
#3	1664.2	2312.5	53559.	4099.9	3150.8

Sample Name: S4 Acquired: 5/25/2017 17:45:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	.25021	.37598	3.5174	.29234	.96189	15.458	45.544	3.7902
Stddev	.00131	.00173	.0116	.00105	.00233	.058	.168	.0124
%RSD	.52284	.46100	.33040	.35860	.24196	.37410	.36871	.32657

#1	.25148	.37423	3.5114	.29290	.96075	15.393	45.351	3.7761
#2	.24887	.37600	3.5099	.29113	.96036	15.477	45.625	3.7993
#3	.25028	.37770	3.5308	.29298	.96457	15.504	45.656	3.7951

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	3.8914	10.185	1.7861	1.5322	2.9109	2.0733	4.1487	1.4048
Stddev	.0162	.030	.0027	.0043	.0073	.0087	.0169	.0044
%RSD	.41622	.29481	.15252	.27984	.25177	.41805	.40609	.31013

#1	3.8810	10.151	1.7847	1.5297	2.9026	2.0654	4.1297	1.4002
#2	3.8832	10.203	1.7892	1.5298	2.9139	2.0826	4.1618	1.4088
#3	3.9101	10.202	1.7842	1.5372	2.9163	2.0719	4.1546	1.4054

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	1.4376	.20089	1.2291	.19561	.30265	6.6430	.23517	2.5899
Stddev	.0053	.00024	.0044	.00085	.00122	.0185	.00053	.0138
%RSD	.36566	.12080	.35843	.43312	.40245	.27769	.22730	.53274

#1	1.4336	.20061	1.2250	.19564	.30389	6.6218	.23470	2.5740
#2	1.4356	.20102	1.2284	.19475	.30260	6.6514	.23504	2.5987
#3	1.4436	.20104	1.2338	.19644	.30146	6.6557	.23575	2.5970

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.1390	.04683	3.2386	.56604	1.9741	9.0041	51.995	
Stddev	.0110	.00024	.0171	.00245	.0094	.0267	.160	
%RSD	.26674	.50207	.52803	.43249	.47437	.29686	.30725	

#1	4.1305	.04666	3.2189	.56405	1.9636	8.9789	51.814	
#2	4.1351	.04674	3.2499	.56530	1.9815	9.0014	52.051	
#3	4.1515	.04710	3.2471	.56878	1.9772	9.0321	52.118	

Sample Name: S4 Acquired: 5/25/2017 17:45:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	1579.6	2172.9	51568.	4021.1	2877.1
Stddev	.8	6.2	37.	9.0	9.0
%RSD	.04964	.28755	.07258	.22478	.31342
#1	1579.4	2170.1	51526.	4031.5	2876.3
#2	1580.5	2180.1	51596.	4016.8	2886.4
#3	1579.1	2168.6	51583.	4015.0	2868.4

Sample Name: S5 Acquired: 5/25/2017 17:49:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	.51054	.71607	6.8878	.58259	1.9625	31.220	88.711	7.4827
Stddev	.00496	.00511	.0389	.00526	.0170	.067	.264	.0346
%RSD	.97192	.71420	.56498	.90283	.86784	.21593	.29777	.46184

#1	.50902	.71544	6.8695	.58186	1.9587	31.272	88.505	7.4919
#2	.50651	.71130	6.8614	.57774	1.9477	31.144	89.009	7.4444
#3	.51608	.72147	6.9325	.58818	1.9812	31.244	88.620	7.5117

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	7.5989	20.079	3.3809	3.0143	5.7966	3.9861	7.9880	2.7919
Stddev	.0357	.131	.0077	.0184	.0099	.0256	.0595	.0211
%RSD	.47027	.65049	.22780	.61150	.17056	.64149	.74442	.75414

#1	7.5736	20.061	3.3875	3.0050	5.8069	3.9865	7.9766	2.7803
#2	7.5833	19.959	3.3826	3.0024	5.7871	3.9603	7.9351	2.7792
#3	7.6398	20.218	3.3724	3.0355	5.7959	4.0115	8.0523	2.8162

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	2.7972	.41492	2.4564	.38095	.61255	13.379	.48342	4.9199
Stddev	.0142	.00121	.0048	.00172	.00317	.020	.00463	.0304
%RSD	.50917	.29104	.19713	.45145	.51811	.14939	.95827	.61838

#1	2.7890	.41557	2.4573	.38090	.61379	13.396	.48425	4.9187
#2	2.7890	.41565	2.4512	.37926	.60895	13.357	.47843	4.8901
#3	2.8137	.41352	2.4608	.38270	.61492	13.382	.48758	4.9509

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	8.0569	.09240	6.3187	1.1106	3.8681	18.249	100.22	
Stddev	.0486	.00043	.0277	.0059	.0118	.033	1.03	
%RSD	.60347	.46699	.43900	.53463	.30640	.17923	1.0307	

#1	8.0430	.09224	6.3262	1.1088	3.8704	18.287	99.779	
#2	8.0168	.09208	6.2879	1.1058	3.8553	18.236	99.475	
#3	8.1110	.09290	6.3419	1.1172	3.8786	18.225	101.40	

Sample Name: S5 Acquired: 5/25/2017 17:49:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	1448.8	2003.2	48967.	3911.4	2584.7
Stddev	2.2	13.6	25.	15.7	15.4
%RSD	.14860	.68066	.05084	.40120	.59480
#1	1450.6	2006.5	48968.	3914.8	2588.7
#2	1446.4	2014.9	48991.	3925.1	2597.7
#3	1449.3	1988.3	48941.	3894.2	2567.8

Sample Name: S6 Acquired: 5/25/2017 17:53:31 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	83.714	32.743	10.375	4.5819	6.7303
Stddev	.359	.111	.028	.0069	.0384
%RSD	.42873	.33749	.27121	.14974	.57078

#1	84.039	32.758	10.398	4.5817	6.7692
#2	83.774	32.845	10.383	4.5889	6.7292
#3	83.329	32.626	10.344	4.5751	6.6924

Int. Std.	Y_3710
Units	Cts/S
Avg	3757.1
Stddev	15.2
%RSD	.40392

#1	3742.2
#2	3756.6
#3	3772.5

Sample Name: ICV Acquired: 5/25/2017 17:57:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	.9737523	1.061549	.9537097	.9492644	.9116395	2.325149
Stddev	.0014801	.003062	.0029227	.0039694	.0043782	.015086
%RSD	.1519970	.2884120	.3064536	.4181517	.4802538	.6488163

#1	.9721810	1.058797	.9514420	.9535159	.9066048	2.342561
#2	.9751201	1.061004	.9526790	.9486219	.9145535	2.316883
#3	.9739557	1.064847	.9570081	.9456555	.9137603	2.316002

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4921816	.4885136	.4650674	10.13330	.5196253	.4678956
Stddev	.0005895	.0008035	.0017534	.08926	.0020778	.0019103
%RSD	.1197786	.1644827	.3770322	.8808256	.3998700	.4082805

#1	.4916528	.4877154	.4632721	10.03134	.5177235	.4656926
#2	.4928172	.4885029	.4651542	10.17124	.5193095	.4688996
#3	.4920748	.4893224	.4667758	10.19732	.5218430	.4690946

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5001474	5.415198	.5393783	5.754703	.4761411	.4584426
Stddev	.0025041	.036340	.0019083	.046790	.0030751	.0011568
%RSD	.5006694	.6710733	.3538003	.8130718	.6458446	.2523257

#1	.5006480	5.407430	.5407841	5.701528	.4726428	.4571623
#2	.5023634	5.383370	.5372059	5.789573	.4784172	.4587528
#3	.4974308	5.454794	.5401449	5.773009	.4773634	.4594126

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.68546	.4849296	.9335724	F 9.010066	F -.007005	F 2.763862
Stddev	.10735	.0023748	.0181981	.051821	.001328	.004247
%RSD	1.004670	.4897269	1.949298	.5751466	18.96465	.1536714

#1	10.66662	.4864235	.9543402	8.992717	-.008461	2.759614
#2	10.80098	.4861740	.9259624	9.068336	-.006696	2.763863
#3	10.58877	.4821912	.9204145	8.969146	-.005858	2.768109

Sample Name: ICV Acquired: 5/25/2017 17:57:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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 2.506169	.0187171	2.460358	F 2.274031	2.515163	.0018995
Stddev	.010063	.0148602	.004552	.009319	.004301	.0004870
%RSD	.4015108	79.39397	.1849950	.4098074	.1710030	25.63784

#1	2.496556	.0211325	2.460011	2.263911	2.518258	.0020744
#2	2.505323	.0027971	2.455989	2.275922	2.510252	.0022748
#3	2.516628	.0322216	2.465072	2.282259	2.516981	.0013492

Elem	Sr4077
Units	ppm
Avg	.0118838
Stddev	.0000853
%RSD	.7176314

#1	.0119809
#2	.0118495
#3	.0118210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.578	2521.709	57635.18	4218.405	3818.083
Stddev	8.324	8.263	205.93	7.202	9.127
%RSD	.4579649	.3276731	.3573062	.1707370	.2390574

#1	1811.913	2526.461	57700.59	4210.550	3826.493
#2	1827.135	2526.498	57800.47	4224.698	3819.379
#3	1813.686	2512.168	57404.48	4219.967	3808.377

Sample Name: ICB Acquired: 5/25/2017 18:03:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	-.004203	.0015261	.0006531	.0015762	.0006465	.0026552	-.000465
Stddev	.003618	.0006691	.0008727	.0025582	.0006516	.0031039	.000423
%RSD	86.06588	43.84475	133.6271	162.3023	100.7843	116.8966	90.90528

#1	-.006654	.0013261	.0012976	.0042603	.0009821	-.000372	-.000126
#2	-.000048	.0022725	.0010017	-.000834	-.000104	.002507	-.000331
#3	-.005907	.0009798	-.000340	.001302	.001062	.005830	-.000939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000420	.0000273	.0106605	-.000009	.0000032	-.000606	-.014011
Stddev	.0000088	.0000947	.0034112	.000503	.0000860	.001604	.007232
%RSD	20.95944	346.9256	31.99859	5664.939	2669.766	264.5507	51.62007

#1	.0000319	.0000925	.0099775	-.000538	-.000010	.000327	-.007688
#2	.0000481	-.000081	.0143616	.000464	-.000075	.000313	-.012447
#3	.0000460	.000071	.0076425	.000048	.000095	-.002458	-.021897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011854	.0646517	-.000270	-.000259	.0552503	.0020232	-.003164
Stddev	.0009057	.0166549	.000204	.000024	.1178900	.0032991	.005646
%RSD	76.40286	25.76096	75.71060	9.400768	213.3745	163.0657	178.4844

#1	.0001424	.0524661	-.000504	-.000260	.0984198	-.001691	-.009524
#2	.0017730	.0836293	-.000125	-.000284	.1454705	.003149	-.001225
#3	.0016409	.0578596	-.000181	-.000235	-.078139	.004612	.001259

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004906	.0002348	.0043601	.0000156	.0025418	-.000313	-.001515
Stddev	.039920	.0007979	.0002468	.0000585	.0045324	.001074	.000398
%RSD	813.7724	339.7795	5.660402	375.6323	178.3148	343.5967	26.25874

#1	.032519	.0009988	.0043288	.0000156	-.001759	-.000448	-.001763
#2	-.046924	-.000593	.0046211	-.000043	.007275	-.001313	-.001056
#3	-.000312	.000299	.0041305	.000074	.002110	.000823	-.001726

Sample Name: ICB Acquired: 5/25/2017 18:03:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	.0002546	.0016661	-.000039
Stddev	.0007207	.0004504	.000048
%RSD	283.1119	27.03449	122.6594

#1	.0009054	.0021662	.000009
#2	-.000520	.0015397	-.000087
#3	.000378	.0012924	-.000040

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.602	2550.553	58002.36	4197.707	4021.241
Stddev	7.006	11.725	187.46	8.562	13.359
%RSD	.3835635	.4596946	.3231932	.2039777	.3322065

#1	1824.286	2539.181	57870.68	4204.032	4009.517
#2	1821.047	2562.602	57919.42	4187.963	4035.784
#3	1834.473	2549.877	58216.98	4201.126	4018.422

Sample Name: ICSA Acquired: 5/25/2017 18:08:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	.0002119	-.013607	-.004954	-.002373	.0016650	235.2399
Stddev	.0034176	.001388	.001438	.001965	.0014988	.4377
%RSD	1613.233	10.20236	29.01905	82.81005	90.01899	.1860774

#1	.0019983	-.013970	-.003609	-.003817	.0001944	234.7986
#2	-.003729	-.014777	-.006469	-.003167	.0016100	235.6740
#3	.002366	-.012073	-.004785	-.000135	.0031905	235.2470

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047062	.0008531	.0013029	242.7338	.0467045	.0022258
Stddev	.0001928	.0000337	.0001992	.8900	.0010223	.0003102
%RSD	4.097397	3.955654	15.28639	.3666446	2.188794	13.93587

#1	.0047091	.0008461	.0011958	242.1953	.0467346	.0019764
#2	.0045119	.0008898	.0011802	242.2451	.0477113	.0025731
#3	.0048976	.0008234	.0015327	243.7611	.0456675	.0021279

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196083	101.4406	.0138598	248.7927	.0003294	-.006610
Stddev	.0013097	.0997	.0009142	.5370	.0002889	.000173
%RSD	6.679343	.0982581	6.596042	.2158515	87.68953	2.610358

#1	.0191883	101.5303	.0130664	249.3049	.0003811	-.006809
#2	.0210764	101.3333	.0148595	248.2339	.0005890	-.006498
#3	.0185600	101.4581	.0136535	248.8392	.0000182	-.006523

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3416066	.0028812	.0228636	-.208834	-.009787	F -.231417
Stddev	.0961373	.0023496	.0099363	.026540	.003448	.001850
%RSD	28.14270	81.54801	43.45905	12.70857	35.23013	.7992475

#1	.4449823	.0016743	.0213094	-.183900	-.009733	-.233084
#2	.3249540	.0013804	.0137960	-.236731	-.006366	-.229427
#3	.2548834	.0055890	.0334854	-.205869	-.013261	-.231739

Sample Name: ICSA Acquired: 5/25/2017 18:08:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	-.000377	.0533226	-.006675	-.003275	-.001202	.0057358
Stddev	.000351	.0118740	.000455	.000713	.000551	.0003634
%RSD	93.15036	22.26818	6.812167	21.77618	45.83440	6.335852

#1	-.000782	.0428319	-.006211	-.002497	-.000807	.0061554
#2	-.000174	.0662133	-.007120	-.003898	-.001831	.0055246
#3	-.000174	.0509227	-.006694	-.003428	-.000967	.0055273

Elem	Sr4077
Units	ppm
Avg	.0982733
Stddev	.0001271
%RSD	.1292910

#1	.0982930
#2	.0981376
#3	.0983894

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1686.804	2346.483	53600.57	4123.645	3141.940
Stddev	12.080	3.995	91.32	13.789	3.214
%RSD	.7161703	.1702689	.1703629	.3343935	.1023000

#1	1675.239	2345.167	53497.53	4108.920	3142.860
#2	1699.341	2350.970	53671.49	4136.255	3144.594
#3	1685.831	2343.311	53632.67	4125.759	3138.366

Sample Name: ICSAB Acquired: 5/25/2017 18:12:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) 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	.0990377	.0987091	.0448619	.0430565	.5623042	238.6147
Stddev	.0007845	.0040889	.0009301	.0007691	.0068852	1.8103
%RSD	.7921080	4.142350	2.073265	1.786352	1.224458	.7586735

#1	.0993174	.1006925	.0443702	.0433697	.5615821	238.7470
#2	.0981517	.1014281	.0459347	.0436197	.5558085	240.3552
#3	.0996439	.0940069	.0442809	.0421802	.5695219	236.7419

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4948435	.4964652	.9746174	245.6350	.5521931	.4877451
Stddev	.0034728	.0023379	.0072410	2.2954	.0017679	.0029024
%RSD	.7018017	.4709055	.7429620	.9344761	.3201672	.5950654

#1	.4957969	.4971806	.9702239	246.0776	.5542317	.4855678
#2	.4977400	.4983618	.9706533	247.6769	.5510798	.4866273
#3	.4909936	.4938532	.9829749	243.1506	.5512678	.4910402

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5079269	103.1185	.5347230	253.2645	.9708074	.1895973
Stddev	.0003356	.8744	.0065816	1.9201	.0070005	.0001993
%RSD	.0660622	.8479185	1.230839	.7581282	.7211003	.1051014

#1	.5078242	102.9050	.5337849	253.2792	.9663588	.1895040
#2	.5083019	104.0798	.5417233	255.1773	.9671867	.1898262
#3	.5076548	102.3706	.5286608	251.3372	.9788768	.1894619

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6720893	.4935945	.9745370	-.265442	-.014941	F .8594899
Stddev	.0555105	.0075736	.0108421	.037831	.001580	.0031930
%RSD	8.259394	1.534371	1.112533	14.25215	10.57820	.3715047

#1	.6283282	.4869013	.9661011	-.307500	-.013421	.8605068
#2	.6534096	.5018155	.9707440	-.254639	-.014826	.8620506
#3	.7345302	.4920666	.9867660	-.234188	-.016575	.8559122

Sample Name: ICSAB Acquired: 5/25/2017 18:12:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .9908449	.2933318	.9586232	F .9986686	1.019317	.0048257
Stddev	.0073434	.0055099	.0066018	.0077014	.010178	.0004285
%RSD	.7411238	1.878400	.6886743	.7711698	.9985443	8.880379
#1	.9883918	.2996516	.9614878	.9928393	1.021776	.0053200
#2	.9850422	.2908081	.9633088	.9957673	1.028041	.0045975
#3	.9991009	.2895358	.9510730	1.007399	1.008135	.0045596

Elem	Sr4077
Units	ppm
Avg	.0999586
Stddev	.0007651
%RSD	.7653966
#1	.0996548
#2	.1008289
#3	.0993921

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1656.153	2314.136	52793.03	4076.254	3092.514
Stddev	7.504	14.870	147.69	29.196	17.417
%RSD	.4531087	.6425690	.2797588	.7162388	.5631838
#1	1659.443	2317.966	52622.55	4073.911	3098.491
#2	1647.566	2326.716	52882.31	4048.301	3106.156
#3	1661.451	2297.726	52874.23	4106.551	3072.896

Sample Name: CCV039 Acquired: 5/25/2017 18:16:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.876926	4.694780	23.91234	4.791369	4.859880	393.8139
Stddev	.031314	.008873	.06534	.021276	.023667	.4546
%RSD	.6420769	.1890041	.2732508	.4440480	.4869846	.1154336

#1	4.897506	4.701352	23.92555	4.798453	4.851624	394.3126
#2	4.840890	4.698301	23.84140	4.767455	4.841447	393.7064
#3	4.892383	4.684686	23.97006	4.808199	4.886569	393.4226

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.937245	.5004944	2.457123	396.1677	15.04058	2.451703
Stddev	.008332	.0008537	.004398	.9759	.05829	.008019
%RSD	.0838505	.1705771	.1789886	.2463420	.3875802	.3270591

#1	9.939852	.5011755	2.459897	395.0463	15.09219	2.453992
#2	9.927921	.4995366	2.452052	396.6318	14.97735	2.442789
#3	9.943963	.5007709	2.459419	396.8249	15.05220	2.458329

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99471	404.9829	14.86928	401.8049	2.441806	1.247429
Stddev	.03279	1.2682	.04125	.9184	.006948	.002429
%RSD	.2186700	.3131426	.2774396	.2285659	.2845475	.1946843

#1	15.02478	404.1296	14.82589	401.8021	2.443944	1.249002
#2	14.99960	406.4402	14.90799	402.7247	2.434040	1.244632
#3	14.95975	404.3788	14.87397	400.8879	2.447434	1.248654

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.0172	2.461313	15.95488	152.1330	4.928513	F 4.273976
Stddev	1.3833	.013555	.17085	.4600	.019761	.021896
%RSD	.3493088	.5507092	1.070859	.3023685	.4009455	.5123130

#1	396.1505	2.462146	15.78048	152.6586	4.951329	4.293229
#2	397.3290	2.474432	16.12196	151.8039	4.916924	4.250157
#3	394.5720	2.447361	15.96219	151.9365	4.917284	4.278542

Sample Name: CCV039 Acquired: 5/25/2017 18:16:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV039 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.810941	4.779004	4.927892	4.877991	4.934510	4.993109
Stddev	.018507	.021548	.018489	.006666	.011815	.017623
%RSD	.3846934	.4508988	.3751906	.1366488	.2394304	.3529383

#1	4.804358	4.792149	4.947659	4.882285	4.944707	5.013443
#2	4.796626	4.754136	4.911023	4.870312	4.937261	4.983622
#3	4.831840	4.790729	4.924995	4.881375	4.921563	4.982263

Elem	Sr4077
Units	ppm
Avg	5.007149
Stddev	.003084
%RSD	.0615929

#1	5.010687
#2	5.005030
#3	5.005731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1483.654	2084.551	49126.62	3880.929	2659.068
Stddev	10.603	12.100	114.96	5.893	10.345
%RSD	.7146874	.5804496	.2340043	.1518336	.3890351

#1	1491.525	2083.848	49045.78	3882.302	2656.588
#2	1471.597	2096.987	49075.87	3874.472	2670.428
#3	1487.841	2072.818	49258.22	3886.015	2650.189

Sample Name: CCB039 Acquired: 5/25/2017 18:19:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004250	.0004486	.0009439	.0030458	.0009116	.0075293	.0007289
Stddev	.001385	.0007688	.0009149	.0016403	.0002800	.0084332	.0003489
%RSD	32.59720	171.3588	96.92184	53.85347	30.71570	112.0042	47.86057

#1	-.005843	.0003045	.0011373	.0047136	.0012204	.0111562	.0005761
#2	-.003325	-.000238	-.000052	.0029893	.0006743	-.002111	.0011281
#3	-.003582	.001279	.001747	.0014345	.0008401	.013542	.0004825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000787	.0000093	.0111418	.0000998	.0001868	.0005209	.0048057
Stddev	.0000062	.0000303	.0050496	.0002346	.0002181	.0036745	.0165347
%RSD	7.836815	325.1778	45.32131	235.1518	116.7154	705.4828	344.0637

#1	.0000856	-.000016	.0084905	-.000013	.0000066	.0047469	.0073512
#2	.0000736	.000043	.0079701	-.000057	.0004292	-.001920	.0199201
#3	.0000769	.000001	.0169649	.000369	.0001246	-.001265	-.012854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007763	.0128690	-.000347	-.000486	.1333883	-.000475	.0046869
Stddev	.0008232	.0263988	.000384	.000266	.1699371	.002124	.0111057
%RSD	106.0423	205.1340	110.6595	54.66849	127.4003	446.6410	236.9546

#1	.0017255	.0200999	-.000785	-.000623	-.060877	-.001351	-.004802
#2	.0003435	.0348989	-.000189	-.000656	.254485	-.002021	.016902
#3	.0002597	-.016392	-.000067	-.000180	.206557	.001946	.001961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008499	.0011798	.0068807	.0002214	-.003342	-.000793	-.001120
Stddev	.019218	.0007170	.0004676	.0000758	.006027	.000441	.000353
%RSD	226.1130	60.76902	6.796162	34.24363	180.3434	55.62723	31.47682

#1	-.024620	.0014162	.0068033	.0001342	-.001576	-.001291	-.001083
#2	.012768	.0003745	.0073822	.0002577	.001605	-.000641	-.000787
#3	-.013645	.0017488	.0064567	.0002722	-.010054	-.000449	-.001490

Sample Name: CCB039 Acquired: 5/25/2017 18:19:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB039 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006406	.0016858	.0001143
Stddev	.0008604	.0003524	.0000211
%RSD	134.3265	20.90196	18.45018

#1	.0007868	.0013983	.0001127
#2	.0014185	.0020789	.0001361
#3	-.000284	.0015801	.0000940

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.866	2557.186	58088.73	4236.625	4021.017
Stddev	8.672	8.045	369.09	8.655	13.845
%RSD	.4734097	.3145983	.6353831	.2042969	.3443187

#1	1823.315	2558.702	57664.35	4226.902	4029.086
#2	1831.628	2564.365	58334.82	4239.485	4028.935
#3	1840.655	2548.491	58267.02	4243.488	4005.030

Sample Name: I3272-15 Acquired: 5/25/2017 18:28:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2724116	-.101024	11.65859	-.035543	-.021984	111.4975
Stddev	.0021685	.005868	.05443	.002333	.000544	.0205
%RSD	.7960378	5.808986	.4668566	6.564771	2.474914	.0183478

#1	.2714028	-.106420	11.62578	-.038084	-.021407	111.5055
#2	.2709312	-.101876	11.62856	-.035048	-.022488	111.4742
#3	.2749007	-.094777	11.72142	-.033496	-.022056	111.5127

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.753567	.0200280	.0715842	110.3685	.5314241	.1962628
Stddev	.004398	.0001289	.0003285	.3487	.0022360	.0014942
%RSD	.0764360	.6438560	.4588925	.3159654	.4207625	.7613533

#1	5.748510	.0201636	.0716907	110.6930	.5324092	.1954081
#2	5.755695	.0200134	.0712157	110.4127	.5329984	.1953920
#3	5.756496	.0199069	.0718463	109.9997	.5288646	.1979882

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.310767	F 809.9488	28.58381	14.58439	.2856428	-.038236
Stddev	.008167	1.9372	.10175	.05432	.0011806	.000486
%RSD	.3534170	.2391741	.3559735	.3724852	.4133154	1.271728

#1	2.313368	812.0910	28.69699	14.57450	.2866459	-.037677
#2	2.301617	809.4354	28.55456	14.64298	.2843418	-.038561
#3	2.317317	808.3200	28.49989	14.53568	.2859406	-.038470

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042710	.4443911	16.67333	9.032328	23.86936	-1.90239
Stddev	.076572	.0098167	.14626	.037490	.13522	.01413
%RSD	1.518459	2.209016	.8771865	.4150643	.5665211	.7429631

#1	5.052134	.4553006	16.51889	9.013541	23.82415	-1.91646
#2	4.961863	.4416016	16.69137	9.075497	23.76253	-1.90252
#3	5.114134	.4362711	16.80973	9.007946	24.02140	-1.88819

Sample Name: I3272-15 Acquired: 5/25/2017 18:28:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191419	25.65407	4.140989	6.501254	1.307467	.1570030
Stddev	.0003128	.13966	.027195	.032244	.003994	.0005050
%RSD	1.634059	.5443876	.6567318	.4959706	.3054576	.3216675

#1	.0188588	25.59275	4.172371	6.483823	1.304210	.1564878
#2	.0194777	25.55557	4.124317	6.481478	1.306269	.1570242
#3	.0190892	25.81390	4.126280	6.538462	1.311923	.1574972

Elem	Sr4077
Units	ppm
Avg	.6294471
Stddev	.0013024
%RSD	.2069184

#1	.6306892
#2	.6295603
#3	.6280917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.749	2633.254	62579.51	4835.884	3160.901
Stddev	9.181	15.743	184.02	25.685	14.739
%RSD	.4853117	.5978547	.2940604	.5311295	.4663068

#1	1901.012	2629.473	62369.34	4806.784	3161.504
#2	1891.583	2650.543	62657.44	4845.475	3175.329
#3	1882.652	2619.745	62711.74	4855.393	3145.869

Sample Name: I3272-16 Acquired: 5/25/2017 18:32:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2205393	-.080416	8.100715	-.027723	.0112637	103.7869	3.805073
Stddev	.0049720	.004128	.024916	.003322	.0018972	1.2863	.045347
%RSD	2.254453	5.133173	.3075723	11.98428	16.84338	1.239364	1.191740

#1	.2175256	-.077132	8.085494	-.024986	.0090962	104.3775	3.819287
#2	.2178143	-.085050	8.087183	-.026763	.0126226	104.6717	3.841610
#3	.2262780	-.079065	8.129469	-.031420	.0120723	102.3113	3.754322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196568	.0577581	116.0099	.5457435	.1644015	2.036027	698.5313
Stddev	.0001428	.0006900	1.3485	.0006856	.0005248	.022763	6.8847
%RSD	.7265493	1.194677	1.162365	.1256257	.3191933	1.117988	.9856002

#1	.0195990	.0571767	116.9970	.5459635	.1641336	2.048334	702.4470
#2	.0198195	.0575769	116.5593	.5449749	.1650061	2.049987	702.5651
#3	.0195520	.0585206	114.4735	.5462921	.1640646	2.009761	690.5818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.86990	21.69425	.2336225	-.035894	4.861350	.5266535	15.06221
Stddev	.14151	.21745	.0004636	.000605	.021941	.0076514	.16424
%RSD	1.020284	1.002333	.1984456	1.684634	.4513433	1.452835	1.090416

#1	13.95049	21.75400	.2341438	-.035806	4.848254	.5296195	15.23830
#2	13.95271	21.87557	.2334669	-.035338	4.849115	.5323780	15.03516
#3	13.70650	21.45317	.2332566	-.036538	4.886681	.5179632	14.91318

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.887414	19.09087	-1.60021	.0107983	23.79695	4.992482	2.432143
Stddev	.094138	.07426	.01465	.0001006	.04885	.027865	.006319
%RSD	1.193526	.3890030	.9152879	.9316755	.2052722	.5581446	.2598292

#1	7.927598	19.03548	-1.61711	.0107275	23.77800	5.024204	2.428506
#2	7.954791	19.06186	-1.59124	.0107539	23.76041	4.981286	2.428483
#3	7.779852	19.17526	-1.59227	.0109134	23.85243	4.971956	2.439440

Sample Name: I3272-16 Acquired: 5/25/2017 18:32:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.310838	.1254619	.5088563
Stddev	.017020	.0025687	.0059604
%RSD	1.298427	2.047409	1.171330

#1	1.318146	.1256840	.5110512
#2	1.322984	.1279123	.5134080
#3	1.291384	.1227893	.5021097

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.468	2643.999	62935.72	4856.757	3222.789
Stddev	17.092	6.244	320.59	35.513	6.928
%RSD	.8979630	.2361689	.5093862	.7312145	.2149566

#1	1885.614	2636.885	62643.04	4823.330	3220.199
#2	1905.110	2648.575	62885.77	4852.899	3230.638
#3	1919.680	2646.536	63278.35	4894.041	3217.529

Sample Name: I3272-17 Acquired: 5/25/2017 18:36:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2025559	-.069374	6.224882	-.024018	.0197622	160.4885	3.272737
Stddev	.0043309	.003045	.019392	.005685	.0012440	.3898	.010590
%RSD	2.138133	4.389780	.3115314	23.67132	6.295038	.2429104	.3235690

#1	.1983908	-.070823	6.209590	-.028364	.0193023	160.9348	3.284879
#2	.2022414	-.065875	6.218361	-.026107	.0188136	160.3157	3.267922
#3	.2070355	-.071425	6.246694	-.017584	.0211707	160.2148	3.265411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331719	.0532610	522.2154	.2640188	.1539050	1.004272	499.0699
Stddev	.0002343	.0000442	1.8604	.0008452	.0003689	.005575	.7978
%RSD	.7062823	.0829480	.3562598	.3201220	.2397187	.5551258	.1598664

#1	.0329720	.0532109	520.1638	.2634822	.1535296	1.008334	499.2881
#2	.0334297	.0532773	523.7929	.2649930	.1539182	1.006567	499.7360
#3	.0331140	.0532946	522.6896	.2635811	.1542671	.997916	498.1857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.27353	79.36861	.1801987	-.027885	5.818741	.3776753	8.397619
Stddev	.04353	.14719	.0009539	.000363	.101396	.0031788	.099891
%RSD	.1793502	.1854519	.5293812	1.303349	1.742580	.8416772	1.189513

#1	24.30812	79.40635	.1797495	-.027466	5.701691	.3774561	8.508916
#2	24.28781	79.49326	.1795522	-.028089	5.879655	.3809580	8.315741
#3	24.22464	79.20622	.1812943	-.028101	5.874877	.3746118	8.368201

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.87712	22.81016	-.870260	.0164489	78.56223	4.680984	1.728108
Stddev	.18921	.05889	.000731	.0007212	.24476	.012235	.008825
%RSD	.6552258	.2581667	.0840207	4.384471	.3115533	.2613780	.5106984

#1	29.05838	22.78538	-.869702	.0164002	78.47566	4.669748	1.724415
#2	28.89213	22.76771	-.871088	.0157533	78.37251	4.694019	1.721730
#3	28.68085	22.87739	-.869990	.0171932	78.83851	4.679183	1.738180

Sample Name: I3272-17 Acquired: 5/25/2017 18:36:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.935919	.2091904	1.117353
Stddev	.005588	.0019094	.004277
%RSD	.1903251	.9127492	.3828102

#1	2.942255	.2113808	1.122028
#2	2.931698	.2078774	1.116393
#3	2.933802	.2083131	1.113636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.089	3019.114	71400.54	5654.436	2823.214
Stddev	21.902	9.338	258.70	11.242	10.377
%RSD	1.002814	.3093049	.3623255	.1988106	.3675659

#1	2158.918	3018.209	71159.84	5653.368	2824.558
#2	2198.802	3028.872	71367.67	5643.767	2832.854
#3	2194.547	3010.261	71674.10	5666.174	2812.231

Sample Name: I3272-18 Acquired: 5/25/2017 18:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5120255	-.135595	5.416044	-.078852	.0294712	134.5786
Stddev	.0017445	.002867	.017675	.007660	.0017512	.2348
%RSD	.3407112	2.114461	.3263401	9.714631	5.942165	.1744933

#1	.5113252	-.136020	5.421452	-.084073	.0310289	134.8278
#2	.5140114	-.132540	5.396298	-.070058	.0275757	134.3615
#3	.5107400	-.138227	5.430384	-.082426	.0298089	134.5465

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.392073	.0398928	.0998218	486.5075	.2915475	.3369974
Stddev	.002853	.0001902	.0005693	2.0395	.0004416	.0013702
%RSD	.0841040	.4768098	.5702890	.4192066	.1514788	.4066001

#1	3.395231	.0400972	.0993472	488.5870	.2910622	.3360543
#2	3.391308	.0397209	.0996652	484.5106	.2916549	.3363687
#3	3.389681	.0398604	.1004529	486.4248	.2919256	.3385691

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.524520	F 1116.415	F 67.53022	85.16616	.2291532	-.068781
Stddev	.005255	2.866	.32594	.43564	.0019781	.000817
%RSD	.3446855	.2566732	.4826526	.5115178	.8632383	1.188292

#1	1.529192	1119.707	67.90143	85.62145	.2284515	-.067940
#2	1.525538	1114.485	67.29090	85.12376	.2276216	-.069572
#3	1.518831	1115.052	67.39832	84.75327	.2313866	-.068830

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.259471	.7656785	12.65875	30.90432	20.11340	^ *****
Stddev	.018358	.0072126	.08339	.16669	.02536	-----
%RSD	.2222669	.9419844	.6587903	.5393700	.1260928	-----

#1	8.272517	.7598281	12.68735	31.08882	20.14257	^ -----
#2	8.238478	.7634702	12.72409	30.85957	20.10101	^ -----
#3	8.267418	.7737370	12.56482	30.76458	20.09662	^ -----

Sample Name: I3272-18 Acquired: 5/25/2017 18:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991158	69.37273	2.456438	.3864098	4.959473	.2136623
Stddev	.0004198	.11128	.006427	.0034620	.018321	.0012057
%RSD	.4235489	.1604124	.2616294	.8959366	.3694113	.5642763

#1	.0995891	69.41672	2.463078	.3830913	4.979344	.2146334
#2	.0989696	69.24618	2.455988	.3899994	4.943253	.2140407
#3	.0987886	69.45530	2.450248	.3861387	4.955821	.2123129

Elem	Sr4077
Units	ppm
Avg	1.065335
Stddev	.002760
%RSD	.2590727

#1	1.068318
#2	1.064814
#3	1.062872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.228	2756.146	67923.65	5389.609	2690.463
Stddev	7.398	13.299	96.89	27.241	10.433
%RSD	.3762297	.4825205	.1426499	.5054424	.3877681

#1	1964.869	2744.039	67813.86	5358.165	2687.545
#2	1959.604	2770.380	67959.88	5404.562	2702.044
#3	1974.210	2754.019	67997.20	5406.098	2681.800

Sample Name: I3272-19 Acquired: 5/25/2017 18:43:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2449010	-.035024	2.249898	-.013847	.0188823	112.4344	3.566399
Stddev	.0052063	.001044	.016468	.003722	.0029856	.5290	.025479
%RSD	2.125879	2.981378	.7319536	26.88150	15.81152	.4704536	.7144263

#1	.2478447	-.034535	2.247327	-.018092	.0220079	112.6516	3.583428
#2	.2388898	-.036223	2.234867	-.012309	.0185792	112.8202	3.578661
#3	.2479687	-.034314	2.267501	-.011140	.0160598	111.8314	3.537107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181980	.0228150	65.11655	.3133660	.1659985	.5607355	405.9069
Stddev	.0000903	.0000447	.34973	.0008992	.0007600	.0033268	1.3966
%RSD	.4961024	.1959413	.5370850	.2869489	.4578278	.5932927	.3440589

#1	.0181796	.0227634	64.81371	.3138843	.1657715	.5622784	404.4278
#2	.0181183	.0228417	65.49933	.3123277	.1653779	.5630107	407.2029
#3	.0182960	.0228400	65.03660	.3138861	.1668462	.5569173	406.0899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.87901	11.72544	.1388131	-.021923	2.779820	.6074711	3.632631
Stddev	.08405	.09914	.0011747	.000545	.034944	.0028595	.041759
%RSD	.4025404	.8454835	.8462398	2.487791	1.257066	.4707184	1.149553

#1	20.79594	11.65815	.1390496	-.022057	2.741351	.6041882	3.680362
#2	20.96400	11.67890	.1375381	-.021323	2.788508	.6088068	3.602840
#3	20.87709	11.83929	.1398515	-.022388	2.809601	.6094184	3.614690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.580663	12.37643	-.873991	.0153301	14.45548	2.710268	.3207218
Stddev	.057476	.04489	.001764	.0003694	.10402	.008743	.0031711
%RSD	.8734017	.3627399	.2017912	2.409310	.7195923	.3225897	.9887479

#1	6.561753	12.34806	-.875697	.0149401	14.42153	2.712424	.3174077
#2	6.645211	12.35305	-.874099	.0153758	14.37267	2.717731	.3210303
#3	6.535025	12.42819	-.872175	.0156745	14.57223	2.700649	.3237274

Sample Name: I3272-19 Acquired: 5/25/2017 18:43:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.306721	.1641254	.6150095
Stddev	.007703	.0011921	.0024394
%RSD	.5895145	.7263108	.3966410

#1	1.307004	.1646129	.6164915
#2	1.314278	.1649965	.6163430
#3	1.298880	.1627669	.6121941

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.379	2862.430	67550.82	5159.257	3347.409
Stddev	12.410	9.225	108.94	12.185	12.735
%RSD	.6005483	.3222748	.1612667	.2361827	.3804505

#1	2073.773	2853.467	67477.40	5166.563	3341.120
#2	2052.052	2871.896	67499.08	5145.190	3362.066
#3	2073.312	2861.928	67675.99	5166.019	3339.042

Sample Name: I3272-20 Acquired: 5/25/2017 18:47:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2387601	-.036164	2.136001	-.012272	.0186602	109.1301	3.436451
Stddev	.0041437	.001031	.001713	.004904	.0005602	.2879	.007250
%RSD	1.735493	2.850052	.0802039	39.96056	3.002309	.2638528	.2109754

#1	.2362189	-.035035	2.134269	-.007194	.0187186	109.4613	3.443872
#2	.2435416	-.036401	2.136039	-.016981	.0180730	108.9892	3.436095
#3	.2365197	-.037055	2.137695	-.012642	.0191889	108.9397	3.429385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177996	.0212823	62.85820	.3032113	.1587645	.5410464	396.1718
Stddev	.0002011	.0002715	.18464	.0013015	.0002838	.0009870	.6753
%RSD	1.129758	1.275879	.2937459	.4292482	.1787817	.1824330	.1704633

#1	.0178273	.0215214	62.79733	.3023316	.1590833	.5414038	395.7479
#2	.0175860	.0209871	62.71168	.3025960	.1586712	.5418050	395.8168
#3	.0179853	.0213384	63.06560	.3047064	.1585391	.5399304	396.9506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.33414	11.43841	.1337252	-.021422	2.732019	.5928569	3.479009
Stddev	.04536	.03458	.0007061	.000772	.053188	.0027095	.055747
%RSD	.2230952	.3022988	.5279992	3.604011	1.946837	.4570321	1.602371

#1	20.29774	11.41521	.1342948	-.022268	2.783502	.5906279	3.437964
#2	20.31973	11.47815	.1329352	-.021244	2.735280	.5958728	3.456588
#3	20.38497	11.42187	.1339456	-.020755	2.677276	.5920700	3.542475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.230902	11.69237	-.854914	.0145477	13.51037	2.568055	.3025524
Stddev	.045656	.01870	.003419	.0001789	.03049	.015666	.0035684
%RSD	.7327356	.1599094	.3998877	1.230006	.2256786	.6100255	1.179440

#1	6.243403	11.68639	-.855049	.0147391	13.47713	2.573563	.2994378
#2	6.269006	11.67740	-.858263	.0145192	13.51692	2.580223	.3017736
#3	6.180298	11.71333	-.851430	.0143846	13.53705	2.550379	.3064460

Sample Name: I3272-20 Acquired: 5/25/2017 18:47:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.261980	.1556561	.5932852
Stddev	.003486	.0010226	.0019036
%RSD	.2762353	.6569630	.3208535

#1	1.258615	.1562873	.5949328
#2	1.261751	.1562047	.5937214
#3	1.265575	.1544762	.5912014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.652	2840.471	66978.76	5095.659	3360.061
Stddev	9.628	6.158	74.32	9.197	2.734
%RSD	.4690589	.2167989	.1109650	.1804900	.0813666

#1	2055.711	2835.057	67027.01	5085.529	3357.764
#2	2060.379	2847.171	67016.09	5097.960	3363.085
#3	2041.866	2839.186	66893.17	5103.487	3359.333

Sample Name: I3272-21 Acquired: 5/25/2017 18:51:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3099871	.0837347	2.247202	.0654154	.1793346	115.0721	6.983423
Stddev	.0033281	.0004020	.008969	.0011330	.0029474	.1870	.007690
%RSD	1.073630	.4800606	.3990984	1.732070	1.643510	.1624850	.1101147

#1	.3120761	.0836247	2.245468	.0643153	.1822279	115.1760	6.991708
#2	.3117361	.0833992	2.239228	.0653522	.1763359	114.8562	6.976514
#3	.3061491	.0841803	2.256911	.0665787	.1794399	115.1841	6.982048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0968148	.1151132	64.69272	.6497826	1.111087	.9736286	407.0906
Stddev	.0007532	.0006062	.25633	.0018989	.003509	.0038871	.8766
%RSD	.7779985	.5265874	.3962216	.2922442	.3158590	.3992411	.2153265

#1	.0965087	.1148573	64.49826	.6496492	1.110735	.9741293	406.7878
#2	.0962629	.1146769	64.59671	.6479539	1.107767	.9695154	406.4057
#3	.0976729	.1158053	64.98319	.6517448	1.114759	.9772411	408.0785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.68449	11.88154	1.083935	.0172898	2.963485	1.461495	4.284998
Stddev	.05936	.14933	.003176	.0001775	.164148	.016891	.050276
%RSD	.2737290	1.256817	.2930337	1.026788	5.539014	1.155767	1.173299

#1	21.64384	11.83730	1.080287	.0174710	2.927595	1.443620	4.270304
#2	21.65703	11.75933	1.085430	.0171162	3.142609	1.463672	4.340984
#3	21.75261	12.04799	1.086088	.0172823	2.820252	1.477192	4.243706

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.552686	12.04925	-.872765	.0173780	13.98884	3.332232	.3166610
Stddev	.031094	.08439	.001744	.0002604	.05342	.020472	.0030697
%RSD	.4745262	.7003475	.1998343	1.498442	.3818663	.6143722	.9693824

#1	6.542968	12.01798	-.872099	.0176325	14.03038	3.317434	.3134821
#2	6.587479	11.98495	-.871453	.0173895	13.92858	3.323666	.3168926
#3	6.527611	12.14480	-.874744	.0171121	14.00755	3.355596	.3196082

Sample Name: I3272-21 Acquired: 5/25/2017 18:51:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.311163	.1645324	.6117981
Stddev	.002995	.0005617	.0007888
%RSD	.2283899	.3413603	.1289254

#1	1.314551	.1651806	.6114395
#2	1.308870	.1642265	.6112523
#3	1.310069	.1641900	.6127024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.354	2849.082	67036.29	5075.614	3348.267
Stddev	17.399	9.220	226.54	17.865	10.372
%RSD	.8481624	.3236156	.3379371	.3519684	.3097773

#1	2038.161	2838.959	66803.41	5084.600	3341.188
#2	2044.830	2857.000	67049.54	5087.200	3360.173
#3	2071.072	2851.286	67255.91	5055.040	3343.441

Sample Name: I3272-22 Acquired: 5/25/2017 18:55:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1483089	-.012935	.8956122	-.006113	.0068690	106.1563
Stddev	.0027307	.002613	.0072978	.004164	.0006785	.3007
%RSD	1.841220	20.19757	.8148351	68.11664	9.877497	.2832828

#1	.1509248	-.015461	.8932147	-.010161	.0075077	106.4084
#2	.1485258	-.013101	.8898148	-.006335	.0069424	106.2370
#3	.1454763	-.010244	.9038071	-.001842	.0061567	105.8235

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.025067	.0135028	.0091676	72.75255	.1844789	.1456243
Stddev	.009365	.0000760	.0001334	.20277	.0009201	.0004669
%RSD	.2326575	.5631427	1.455689	.2787075	.4987431	.3206257

#1	4.033981	.0135503	.0090149	72.91015	.1835080	.1456045
#2	4.025910	.0134151	.0092256	72.82370	.1845908	.1451676
#3	4.015309	.0135429	.0092622	72.52379	.1853380	.1461008

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2318798	203.6243	F 31.68495	8.391273	.0993809	-.010403
Stddev	.0010577	.4315	.08205	.059008	.0007778	.000158
%RSD	.4561528	.2119155	.2589689	.7032019	.7826594	1.514299

#1	.2308278	203.5947	31.72737	8.358451	.0999002	-.010226
#2	.2329431	204.0698	31.73711	8.459394	.0984867	-.010529
#3	.2318686	203.2083	31.59037	8.355974	.0997560	-.010452

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.798399	.3947504	1.305992	3.960492	23.19299	-.435885
Stddev	.082360	.0032099	.006292	.012558	.07351	.003766
%RSD	4.579639	.8131393	.4817542	.3170770	.3169652	.8638769

#1	1.881875	.3974620	1.313160	3.970258	23.13291	-.432528
#2	1.796118	.3955830	1.303434	3.946326	23.17110	-.439956
#3	1.717202	.3912063	1.301382	3.964893	23.27497	-.435170

Sample Name: I3272-22 Acquired: 5/25/2017 18:55:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161945	9.799996	1.693788	.1760761	.7480261	.1244326
Stddev	.0003947	.050527	.001306	.0013303	.0037915	.0001820
%RSD	2.437357	.5155785	.0771111	.7554997	.5068616	.1462424

#1	.0158116	9.748329	1.693295	.1746445	.7523981	.1242348
#2	.0166000	9.802360	1.692800	.1763097	.7456411	.1244699
#3	.0161718	9.849300	1.695269	.1772740	.7460393	.1245929

Elem	Sr4077
Units	ppm
Avg	.3878984
Stddev	.0004915
%RSD	.1267031

#1	.3882385
#2	.3881218
#3	.3873349

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.679	2902.440	68433.02	5178.522	3391.697
Stddev	8.093	6.313	390.69	16.766	11.231
%RSD	.3843642	.2174909	.5709057	.3237690	.3311344

#1	2114.606	2903.276	68717.47	5166.969	3392.533
#2	2103.610	2908.292	68594.04	5170.844	3402.487
#3	2098.821	2895.751	67987.56	5197.752	3380.071

Sample Name: I3268-15A Acquired: 5/25/2017 19:01:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC70A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5358225	-.026986	2.460142	-.006042	.0139722	102.4989	3.236028
Stddev	.0063233	.000760	.003727	.004201	.0014280	.0878	.003743
%RSD	1.180113	2.815473	.1514811	69.52573	10.22037	.0857039	.1156616

#1	.5285610	-.026116	2.462366	-.006542	.0124260	102.5280	3.239497
#2	.5401142	-.027523	2.455840	-.009971	.0152414	102.4002	3.232062
#3	.5387924	-.027318	2.462221	-.001614	.0142493	102.5686	3.236525

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170786	.0183091	62.49611	.4580827	.1689958	.7739759	334.0787
Stddev	.0000915	.0001149	.22275	.0003740	.0006023	.0030891	.8773
%RSD	.5359392	.6274071	.3564231	.0816479	.3564132	.3991257	.2626105

#1	.0171531	.0181883	62.48790	.4584968	.1688487	.7715304	334.2053
#2	.0169765	.0183219	62.27758	.4579817	.1684807	.7774475	333.1450
#3	.0171064	.0184170	62.72286	.4577695	.1696581	.7729497	334.8859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.24478	7.191677	.1582646	-.017368	2.642615	.5350079	3.308978
Stddev	.04948	.013914	.0006302	.000526	.107966	.0012542	.059878
%RSD	.2570835	.1934754	.3981930	3.028768	4.085588	.2344188	1.809559

#1	19.21886	7.177082	.1577840	-.017506	2.752610	.5338791	3.340214
#2	19.21365	7.193155	.1580318	-.016787	2.536798	.5363580	3.346778
#3	19.30183	7.204792	.1589781	-.017811	2.638438	.5347866	3.239941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.753096	11.90665	-.714210	.0312318	9.557519	4.576590	.1433209
Stddev	.043228	.02563	.001677	.0002086	.026560	.021384	.0012789
%RSD	.6401269	.2152764	.2348686	.6677708	.2778971	.4672573	.8923039

#1	6.797916	11.87971	-.713615	.0311144	9.587165	4.555477	.1423217
#2	6.749715	11.90950	-.716103	.0311084	9.535893	4.576056	.1428790
#3	6.711658	11.93074	-.712910	.0314726	9.549500	4.598236	.1447621

Sample Name: I3268-15A Acquired: 5/25/2017 19:01:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC70A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.275258	.1665537	.8400613
Stddev	.003636	.0008984	.0014506
%RSD	.2851566	.5394363	.1726842

#1	1.277340	.1657370	.8413668
#2	1.271059	.1675161	.8403174
#3	1.277374	.1664080	.8384997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.727	2730.348	64453.57	4890.750	3368.358
Stddev	5.850	4.148	133.91	14.706	4.843
%RSD	.2956693	.1519170	.2077662	.3006932	.1437655

#1	1972.339	2725.589	64300.68	4887.660	3364.702
#2	1980.020	2732.257	64510.01	4906.755	3373.850
#3	1983.824	2733.198	64550.03	4877.834	3366.522

Sample Name: I3288-01A Acquired: 5/25/2017 19:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HQ8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041439	.0611222	.0029680	.0003654	-.000722	.0516069	.0556174
Stddev	.0029547	.0014683	.0003173	.0017285	.000724	.0071720	.0009975
%RSD	71.30425	2.402258	10.69149	473.0121	100.2216	13.89739	1.793507

#1	.0010848	.0615370	.0026967	.0022129	-.000634	.0542097	.0560354
#2	.0043648	.0623385	.0033169	-.001212	-.001487	.0571141	.0544789
#3	.0069819	.0594911	.0028903	.000096	-.000047	.0434969	.0563378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001143	-.000162	105.5106	.0006696	-.000559	.0027630	.1177491
Stddev	.0000525	.000035	.1729	.0001919	.000086	.0010173	.0306994
%RSD	45.99062	21.59394	.1638751	28.65715	15.40820	36.81910	26.07185

#1	.0001112	-.000122	105.5331	.0008882	-.000658	.0035851	.1187426
#2	.0001682	-.000188	105.3276	.0005291	-.000505	.0016253	.1479397
#3	.0000633	-.000176	105.6712	.0005915	-.000513	.0030786	.0865651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212884	36.67906	.0039262	-.000152	26.35481	.0019204	.0169024
Stddev	.0005983	.22470	.0001320	.000448	.13083	.0073764	.0149943
%RSD	2.810363	.6125991	3.361743	295.0788	.4964113	384.0997	88.71103

#1	.0209721	36.71554	.0037855	-.000127	26.39886	.0037772	.0283172
#2	.0209147	36.88329	.0039458	-.000611	26.45793	-.006207	.0224689
#3	.0219785	36.43836	.0040473	.000283	26.20765	.008191	-.000079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.154857	.3710506	-.002104	.0005254	86.39538	9.743011	-.004874
Stddev	.027527	.0027309	.000598	.0002744	.65411	.046170	.000518
%RSD	1.277459	.7359940	28.42026	52.23179	.7571176	.4738830	10.61768

#1	2.176647	.3739922	-.002095	.0004798	86.32736	9.753001	-.004300
#2	2.123921	.3705639	-.001510	.0008199	87.08085	9.783369	-.005017
#3	2.164004	.3685958	-.002706	.0002767	85.77793	9.692664	-.005305

Sample Name: I3288-01A Acquired: 5/25/2017 19:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HQ8A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002301	.0325798	.5518736
Stddev	.000227	.0004405	.0015164
%RSD	9.849541	1.352094	.2747827

#1	-.002150	.0327175	.5532262
#2	-.002562	.0329350	.5521602
#3	-.002192	.0320869	.5502342

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.332	2410.300	55703.39	4228.088	3610.431
Stddev	4.215	19.659	137.88	9.715	26.599
%RSD	.2403911	.8156437	.2475164	.2297821	.7367269

#1	1753.919	2419.094	55623.68	4218.898	3617.768
#2	1757.223	2387.778	55862.60	4227.112	3580.934
#3	1748.854	2424.027	55623.90	4238.255	3632.592

Sample Name: I3272-19LX5 Acquired: 5/25/2017 19:09:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACA5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586854	-.004780	.4540937	-.001111	.0048546	25.04381	.7800651
Stddev	.0024746	.000698	.0036666	.002989	.0008023	.18407	.0073073
%RSD	4.216653	14.59425	.8074643	269.0778	16.52592	.7349965	.9367560

#1	.0585528	-.004096	.4507368	-.002826	.0039291	24.95340	.7756110
#2	.0562798	-.005490	.4535378	-.002847	.0052834	24.92243	.7760858
#3	.0612236	-.004754	.4580066	.002340	.0053514	25.25560	.7884984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044085	.0037836	14.83405	.0733701	.0316746	.1289493	96.07702
Stddev	.0000750	.0000409	.07978	.0005352	.0001641	.0033032	.58697
%RSD	1.700108	1.081558	.5378386	.7294929	.5180004	2.561660	.6109419

#1	.0044788	.0037910	14.82306	.0728035	.0318552	.1289749	95.40589
#2	.0043296	.0037395	14.76033	.0738671	.0316341	.1256334	96.33056
#3	.0044172	.0038204	14.91876	.0734397	.0315346	.1322397	96.49461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.920834	2.696150	.0270808	-.005178	.6142858	.1408411	.7914159
Stddev	.032431	.099061	.0001475	.000596	.0441496	.0028103	.0219446
%RSD	.6590604	3.674152	.5445872	11.50895	7.187147	1.995383	2.772823

#1	4.894030	2.589635	.0269196	-.005828	.5635957	.1385988	.7681377
#2	4.911588	2.785518	.0271139	-.004657	.6443288	.1399309	.8117244
#3	4.956885	2.713298	.0272089	-.005049	.6349330	.1439938	.7943857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.360728	2.354877	-.205930	.0030991	2.742150	.6319630	.0614943
Stddev	.005229	.008962	.001340	.0003295	.016930	.0024432	.0003577
%RSD	.3842622	.3805545	.6506092	10.63195	.6174158	.3865980	.5816207

#1	1.356062	2.347640	-.207405	.0033773	2.738696	.6313600	.0610905
#2	1.366379	2.352091	-.204787	.0031847	2.727213	.6346512	.0617714
#3	1.359742	2.364901	-.205600	.0027352	2.760541	.6298778	.0616209

Sample Name: I3272-19LX5 Acquired: 5/25/2017 19:09:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACA5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2944761	.0357720	.1391750
Stddev	.0024150	.0005341	.0007553
%RSD	.8200993	1.492927	.5426821

#1	.2946553	.0354686	.1386977
#2	.2919764	.0354587	.1387816
#3	.2967964	.0363887	.1400458

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.262	2589.019	59538.83	4381.077	3723.524
Stddev	9.604	12.333	34.41	.662	2.455
%RSD	.5179392	.4763530	.0577885	.0151102	.0659220

#1	1860.482	2577.603	59568.62	4381.829	3721.563
#2	1859.104	2587.355	59501.17	4380.581	3722.732
#3	1843.201	2602.100	59546.69	4380.821	3726.276

Sample Name: CCV040 Acquired: 5/25/2017 19:13:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.885917	4.683320	23.98074	4.791342	4.886214	394.6912
Stddev	.013592	.037794	.11625	.010446	.011554	.6759
%RSD	.2781838	.8069864	.4847460	.2180160	.2364650	.1712409

#1	4.875273	4.646931	23.89250	4.780097	4.878246	394.0353
#2	4.881250	4.680652	23.93726	4.793188	4.880930	395.3854
#3	4.901227	4.722377	24.11246	4.800742	4.899465	394.6529

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.964944	.5004755	2.456199	395.3144	15.04599	2.458524
Stddev	.007402	.0016431	.013241	1.4523	.05241	.010972
%RSD	.0742821	.3283054	.5390702	.3673770	.3483437	.4463022

#1	9.963599	.5016549	2.447162	394.4985	15.09327	2.451418
#2	9.958307	.5011727	2.450038	396.9912	14.98963	2.452993
#3	9.972927	.4985987	2.471398	394.4536	15.05507	2.471161

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93097	400.0553	14.68935	397.9623	2.450021	1.251970
Stddev	.03284	1.0643	.05265	1.2225	.012482	.006879
%RSD	.2199428	.2660455	.3583958	.3071967	.5094796	.5494814

#1	14.92962	399.1675	14.66123	396.6786	2.441990	1.248083
#2	14.89882	401.2351	14.75008	399.1127	2.443670	1.247915
#3	14.96446	399.7632	14.65673	398.0956	2.464401	1.259913

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.2327	2.444331	15.05857	152.0360	4.900887	F 4.262979
Stddev	.8460	.009743	.07553	.4702	.031912	.006559
%RSD	.2135101	.3985927	.5015998	.3092903	.6511501	.1538626

#1	395.9157	2.439661	15.12774	151.5487	4.877238	4.269031
#2	397.1914	2.455530	15.06999	152.0723	4.888238	4.256010
#3	395.5909	2.437803	14.97798	152.4871	4.937184	4.263896

Sample Name: CCV040 Acquired: 5/25/2017 19:13:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.826279	4.824544	4.926862	4.878236	4.904199	5.005522
Stddev	.013580	.027385	.002620	.021355	.004516	.009278
%RSD	.2813797	.5676204	.0531693	.4377673	.0920930	.1853523

#1	4.818332	4.798053	4.925782	4.862522	4.899862	5.003936
#2	4.818545	4.852743	4.929849	4.869635	4.908875	4.997139
#3	4.841959	4.822834	4.924956	4.902550	4.903861	5.015490

Elem	Sr4077
Units	ppm
Avg	5.003812
Stddev	.005228
%RSD	.1044885

#1	4.999179
#2	5.002776
#3	5.009480

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1491.048	2072.483	49108.84	3871.808	2644.319
Stddev	5.284	2.124	111.44	6.049	5.312
%RSD	.3543680	.1025092	.2269150	.1562376	.2008668

#1	1487.575	2071.626	49136.93	3873.700	2645.897
#2	1488.441	2074.902	49203.54	3865.039	2648.663
#3	1497.129	2070.920	48986.04	3876.685	2638.398

Sample Name: CCB040 Acquired: 5/25/2017 19:17:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001088	.0002391	-.001006	.0016146	.0004983	.0070974	-.000090
Stddev	.003544	.0010953	.001682	.0007499	.0003435	.0017978	.000322
%RSD	325.5559	458.0408	167.1761	46.44702	68.94373	25.33024	359.5874

#1	-.005141	.0013368	.000418	.0013876	.0002630	.0054082	-.000273
#2	.000450	.0002342	-.000575	.0010043	.0003393	.0068969	-.000278
#3	.001426	-.000854	-.002862	.0024517	.0008925	.0089870	.000283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000111	.0000855	.0175606	.0002568	.0000189	.0002637	-.002851
Stddev	.0000087	.0000986	.0100099	.0000584	.0000301	.0012287	.014311
%RSD	78.02503	115.3641	57.00217	22.73640	158.7720	465.8871	501.9821

#1	.0000197	.0001719	.0069658	.0002227	.0000241	-.001032	.011205
#2	.0000023	-.000022	.0188567	.0002234	.0000461	.001413	-.002353
#3	.0000115	.000107	.0268593	.0003242	-.000013	.000410	-.017404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013001	.0073888	-.000420	-.000172	.0406219	.0010130	-.000818
Stddev	.0006515	.0096897	.000204	.000088	.0443643	.0019552	.015208
%RSD	50.10959	131.1392	48.53129	51.22979	109.2128	193.0109	1859.157

#1	.0018809	.0094677	-.000294	-.000156	.0429270	-.000483	.013700
#2	.0014237	.0158703	-.000656	-.000266	-.004850	.000297	.000479
#3	.0005957	-.003172	-.000311	-.000093	.083789	.003225	-.016632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029178	.0000100	.0038184	.0000827	.0036964	-.000122	-.000651
Stddev	.028310	.0011451	.0009687	.0002615	.0098978	.001049	.000385
%RSD	97.02315	11436.24	25.36837	316.1426	267.7728	857.9269	59.20261

#1	.003327	-.001226	.0049368	.0002722	-.007545	-.001326	-.000567
#2	-.042433	.000221	.0032468	.0001916	.011105	.000366	-.000314
#3	-.048429	.001035	.0032716	-.000216	.007529	.000593	-.001071

Sample Name: CCB040 Acquired: 5/25/2017 19:17:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v20) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB040 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000530	.0013417	.0000454
Stddev	.000116	.0007210	.0000097
%RSD	21.86377	53.73628	21.27251

#1	-.000397	.0021402	.0000543
#2	-.000586	.0007386	.0000352
#3	-.000607	.0011462	.0000467

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.015	2559.788	57775.10	4187.249	4035.272
Stddev	24.445	12.132	796.65	5.445	7.321
%RSD	1.342384	.4739489	1.378889	.1300377	.1814290

#1	1795.645	2545.961	56855.50	4185.932	4027.213
#2	1844.416	2564.756	58254.98	4193.232	4041.512
#3	1822.983	2568.647	58214.83	4182.583	4037.092