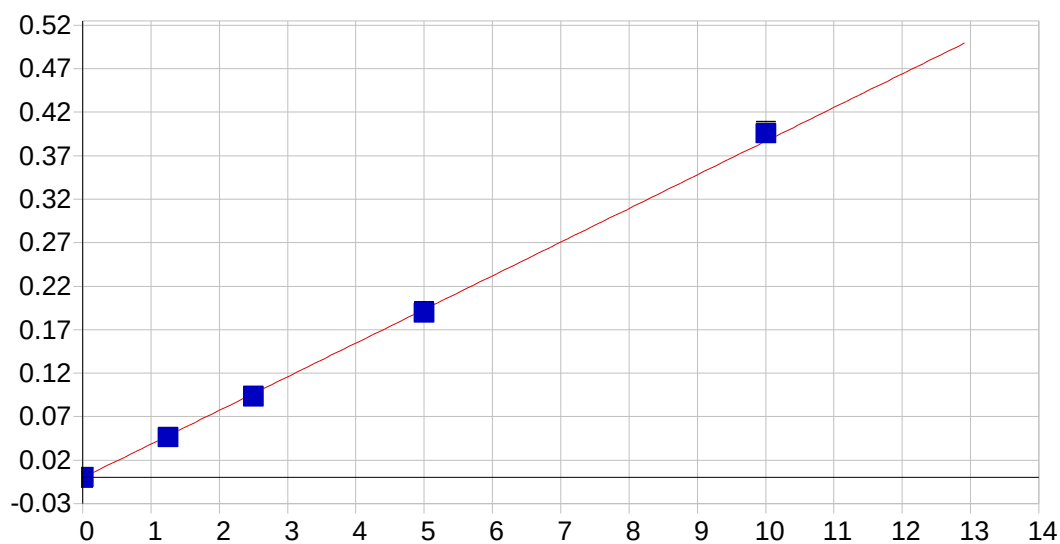


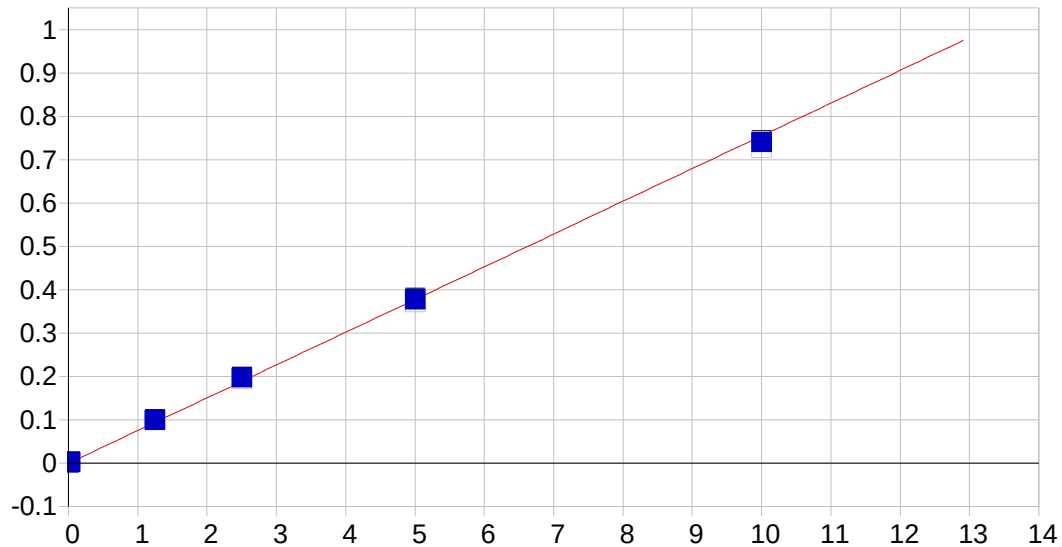


As 189.042 {479}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000212 Re-Slope: 1.000000
 A1 (Gain): 0.038699 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999652 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.004001
 Predicted MQL: 0.013338

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.00904	-.001	-9.64	.00014	.000	1
S2	1.2500	1.1963	-.054	-4.30	.04607	.000	1
S3	2.5000	2.4115	-.088	-3.54	.09308	.000	1
S4	5.0000	4.9046	-.095	-1.91	.18954	.001	1
S5	10.000	10.239	.239	2.39	.39590	.002	1



Date of Fit: 6/23/2017 14:55:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000312

Re-Slope: 1.000000

A1 (Gain): 0.075511

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999589

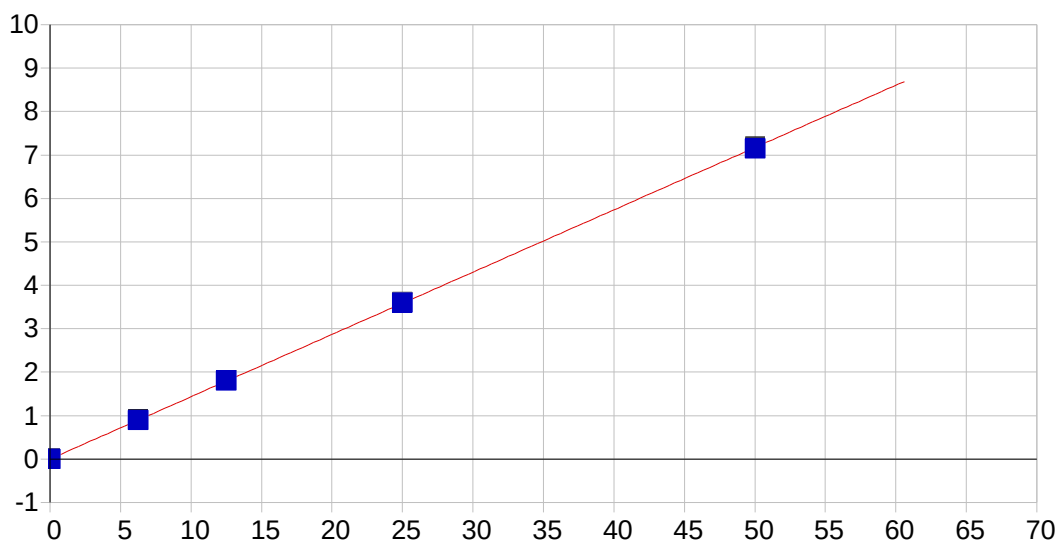
Status: OK.

Std Error of Est: 0.000056

Predicted MDL: 0.001690

Predicted MQL: 0.005633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00031	.000	1
S1	.02500	.03020	.005	20.8	.00181	.000	1
S2	1.2500	1.3266	.077	6.13	.09815	.000	1
S3	2.5000	2.6147	.115	4.59	.19369	.001	1
S4	5.0000	5.0000	.000	.000	.37038	.003	1
S5	10.000	9.8039	-.196	-1.96	.72627	.004	1

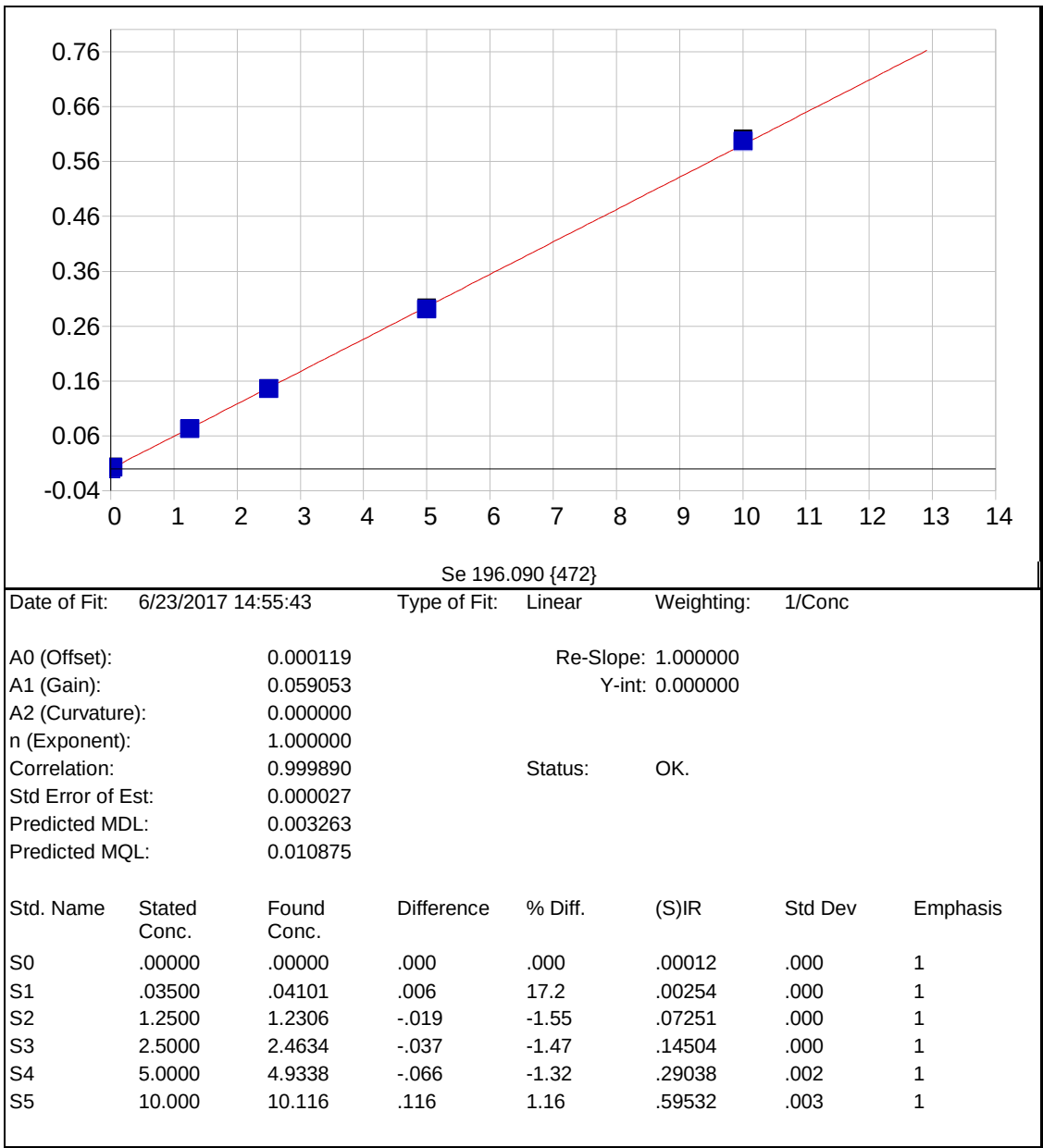


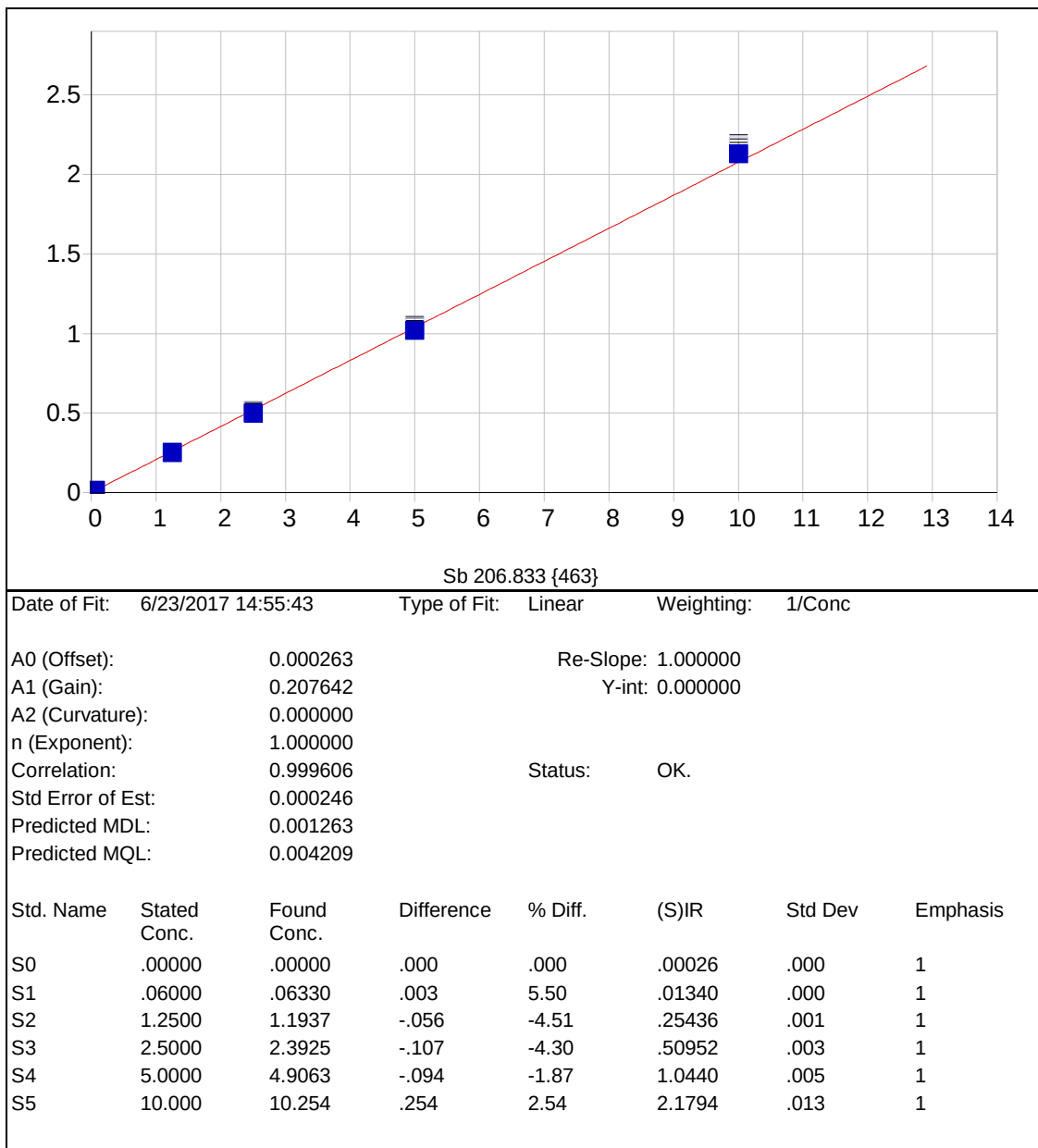
Pb 220.353 {453}

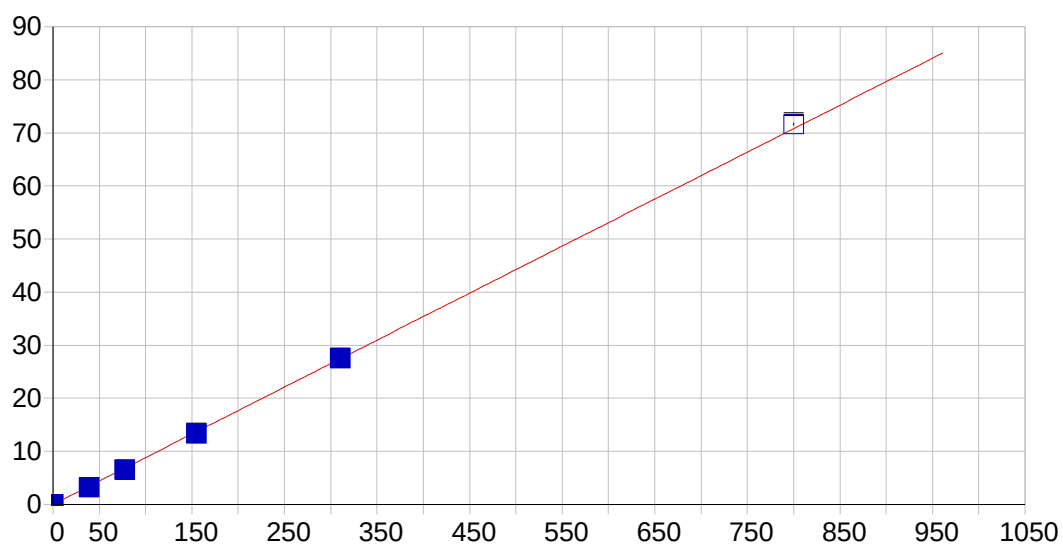
Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.143445 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.001620
 Predicted MQL: 0.005401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01000	.01205	.002	20.5	.00174	.000	1
S2	6.2500	6.2748	.025	.396	.90035	.002	1
S3	12.500	12.556	.056	.452	1.8017	.001	1
S4	25.000	25.063	.063	.253	3.5963	.012	1
S5	50.000	49.853	-.147	-.293	7.1533	.030	1







AI 396.152 { 85}

Date of Fit: 6/23/2017 14:55:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000345

Re-Slope: 1.000000

A1 (Gain): 0.088483

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999783

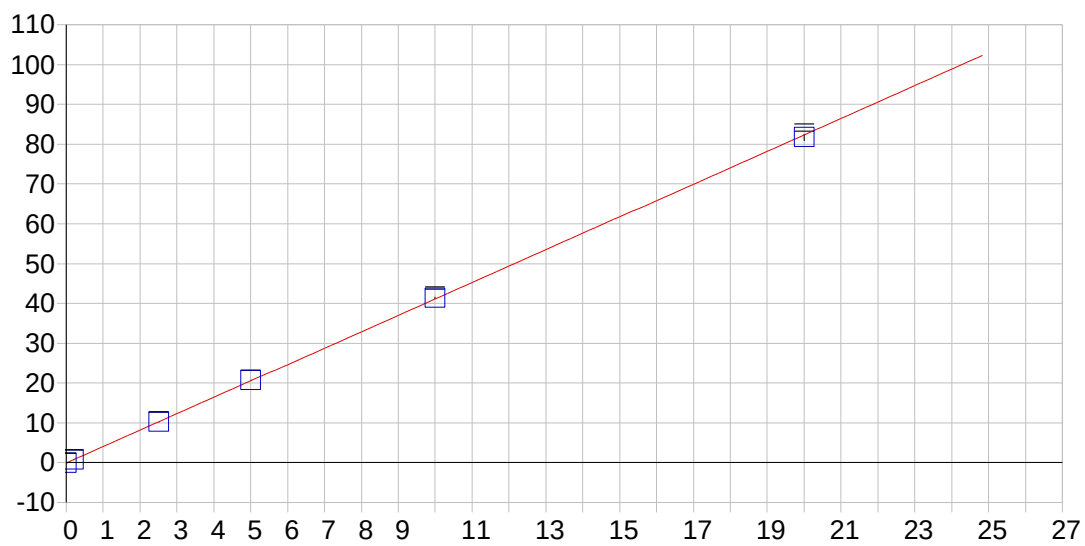
Status: OK.

Std Error of Est: 0.001147

Predicted MDL: 0.005635

Predicted MQL: 0.018783

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00035	.000	1
S1	.20000	.19713	-.003	-1.43	.01782	.000	1
S2	38.750	36.103	-2.65	-6.83	3.1990	.004	1
S3	77.500	73.581	-3.92	-5.06	6.5192	.001	1
S4	155.00	150.99	-4.01	-2.59	13.377	.038	1
S5	310.00	311.01	1.01	.326	27.552	.018	1
S6	800.00	809.58	9.58	1.20	71.634	.284	1

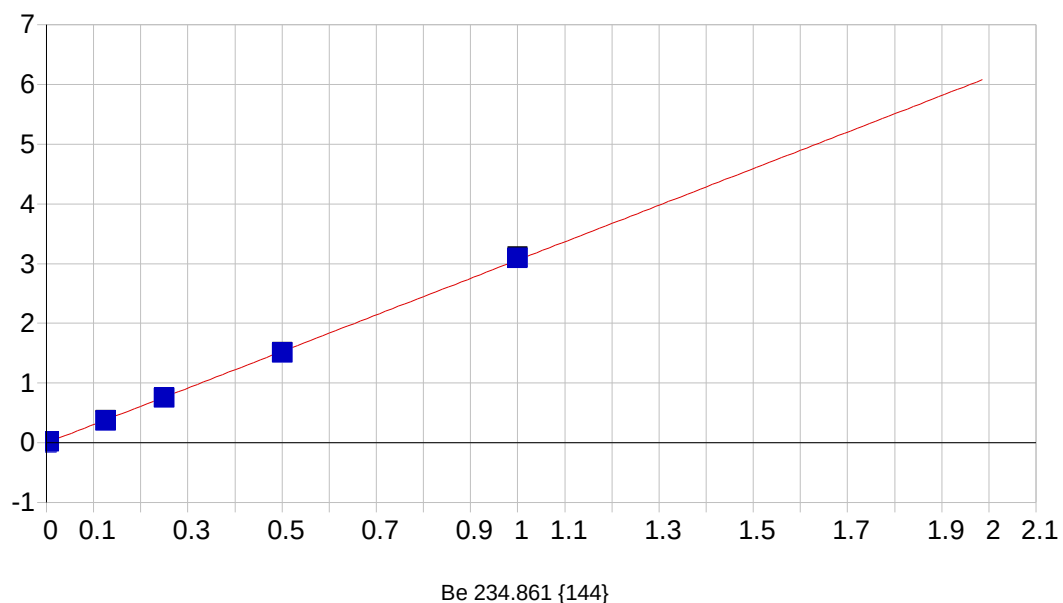


Ba 493.409 { 68}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.071035 Re-Slope: 1.000000
 A1 (Gain): 4.119115 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.003619
 Predicted MDL: 0.000435
 Predicted MQL: 0.001450

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.07109	.001	1
S1	.20000	.20934	.009	4.67	.79127	.015	1
S2	2.5000	2.5123	.012	.493	10.277	.025	1
S3	5.0000	5.0504	.050	1.01	20.732	.010	1
S4	10.000	10.073	.073	.725	41.419	.295	1
S5	20.000	19.855	-.145	-.723	81.716	.936	1



Date of Fit: 6/23/2017 14:55:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001661

Re-Slope: 1.000000

A1 (Gain): 3.060687

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999890

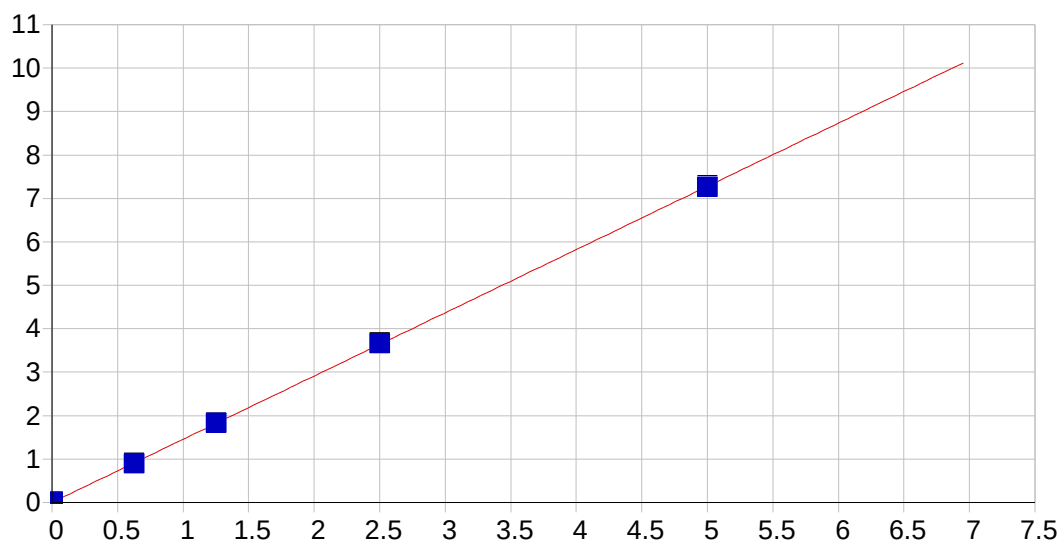
Status: OK.

Std Error of Est: 0.000169

Predicted MDL: 0.000081

Predicted MQL: 0.000270

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00166	.000	1
S1	.00500	.00547	.000	9.49	.01509	.000	1
S2	.12500	.12210	-.003	-2.32	.37077	.002	1
S3	.25000	.24639	-.004	-1.44	.74990	.005	1
S4	.50000	.49343	-.007	-1.31	1.5034	.005	1
S5	1.0000	1.0126	.013	1.26	3.0873	.014	1

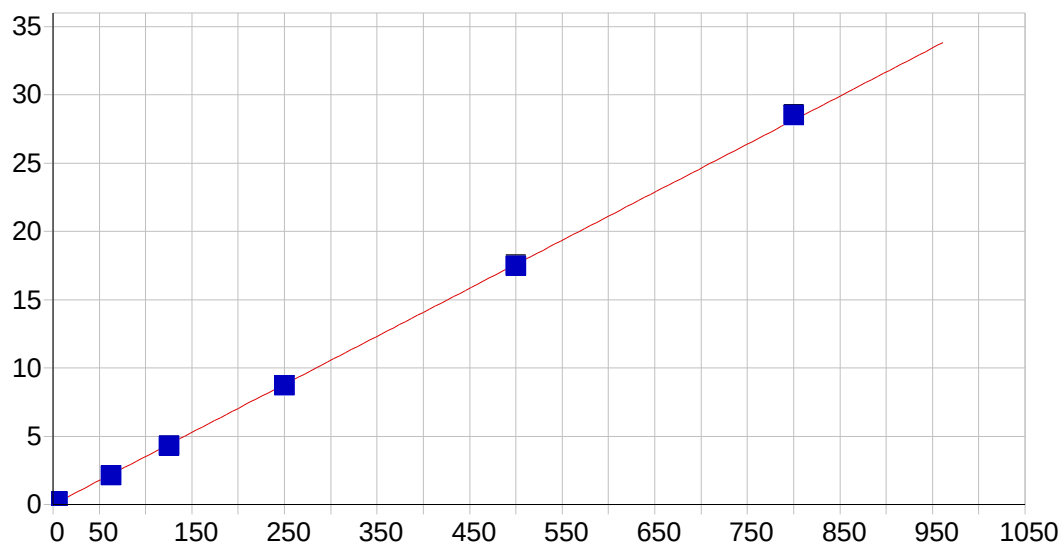


Cd 214.438 {457}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000350 Re-Slope: 1.000000
 A1 (Gain): 1.455594 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.000113
 Predicted MQL: 0.000378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.00500	.00528	.000	5.55	.00804	.000	1
S2	.62500	.62004	-.005	-.794	.90446	.003	1
S3	1.2500	1.2547	.005	.378	1.8299	.002	1
S4	2.5000	2.5155	.015	.620	3.6683	.007	1
S5	5.0000	4.9845	-.016	-.311	7.2684	.034	1



Ca 373.690 { 90}

Date of Fit: 6/23/2017 14:55:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000946

Re-Slope: 1.000000

A1 (Gain): 0.035189

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999910

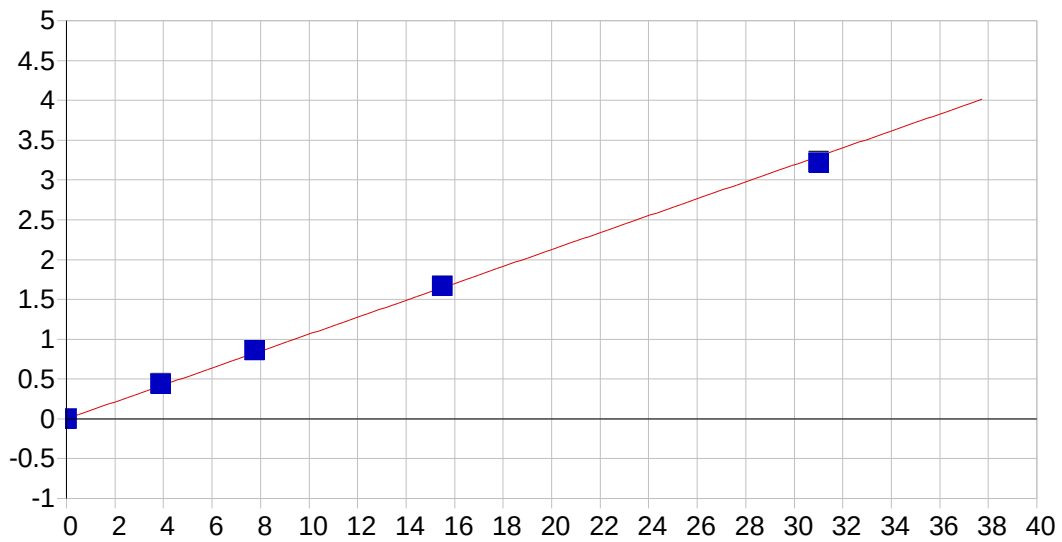
Status: OK.

Std Error of Est: 0.001644

Predicted MDL: 0.011276

Predicted MQL: 0.037587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00095	.000	1
S1	5.0000	5.1573	.157	3.15	.18242	.003	1
S2	62.500	60.719	-1.78	-2.85	2.1349	.007	1
S3	125.00	122.14	-2.86	-2.28	4.2937	.011	1
S4	250.00	247.20	-2.80	-1.12	8.6890	.030	1
S5	500.00	496.75	-3.25	-.651	17.459	.068	1
S6	800.00	810.54	10.5	1.32	28.466	.040	1

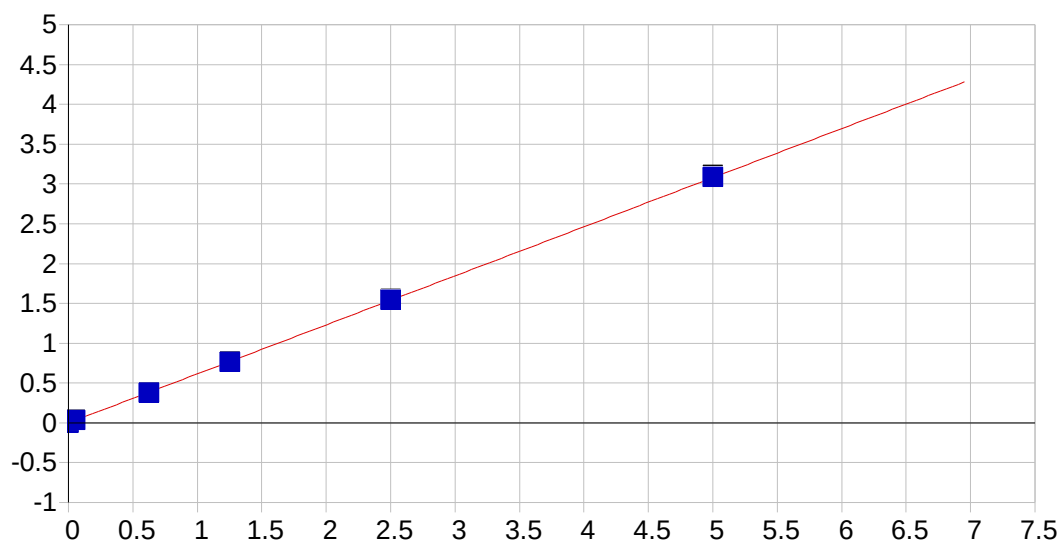


Cr 267.716 {126}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.106311 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999563 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.000492
 Predicted MQL: 0.001639

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01232	.002	23.2	.00133	.000	1
S2	3.8750	4.1306	.256	6.60	.44020	.005	1
S3	7.7500	8.0782	.328	4.23	.86094	.001	1
S4	15.500	15.662	.162	1.05	1.6694	.004	1
S5	31.000	30.251	-.749	-2.41	3.2246	.013	1

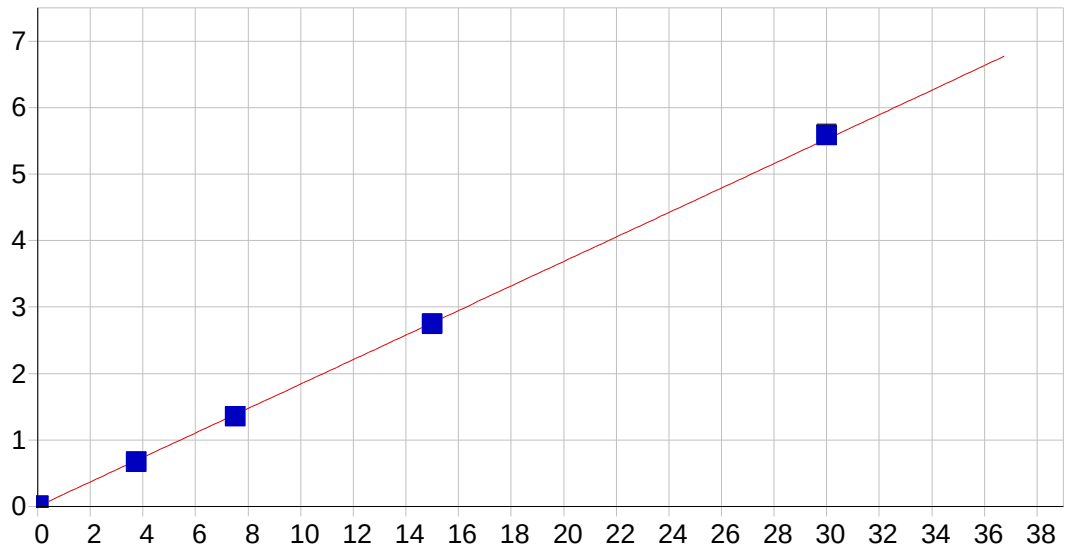


Co 228.616 {448}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000447 Re-Slope: 1.000000
 A1 (Gain): 0.615768 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.000265
 Predicted MQL: 0.000882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.05000	.05006	.000	.112	.03049	.000	1
S2	.62500	.61056	-.014	-2.31	.37632	.001	1
S3	1.2500	1.2394	-.011	-.852	.76431	.001	1
S4	2.5000	2.5094	.009	.374	1.5479	.005	1
S5	5.0000	5.0157	.016	.313	3.0945	.015	1

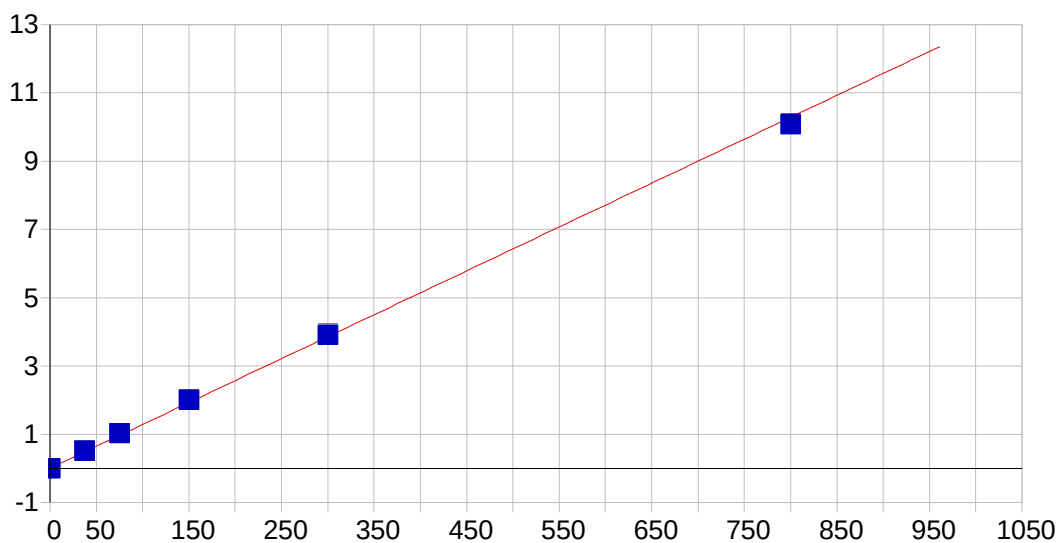


Cu 324.754 {104}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000553 Re-Slope: 1.000000
 A1 (Gain): 0.184190 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.001483
 Predicted MQL: 0.004944

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.02500	.02672	.002	6.87	.00544	.000	1
S2	3.7500	3.6451	-.105	-2.80	.66998	.001	1
S3	7.5000	7.3545	-.146	-1.94	1.3512	.001	1
S4	15.000	14.907	-.093	-.620	2.7384	.003	1
S5	30.000	30.342	.342	1.14	5.5734	.013	1

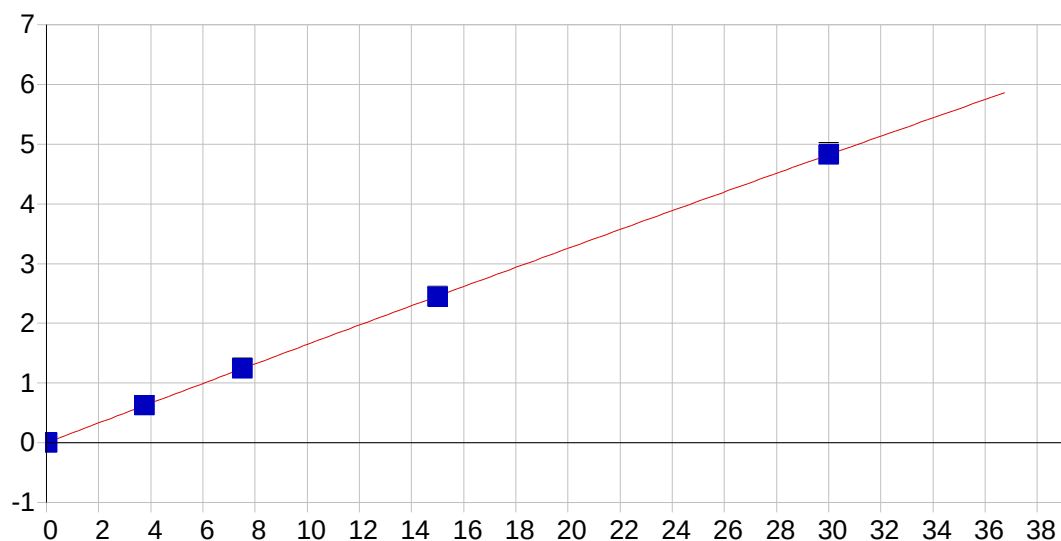


Fe 259.837 {130}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.012858 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999608 Status: OK.
 Std Error of Est: 0.000157
 Predicted MDL: 0.011442
 Predicted MQL: 0.038141

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00002	.000	1
S1	.10000	.11931	.019	19.3	.00157	.000	1
S2	37.500	39.946	2.45	6.52	.51424	.002	1
S3	75.000	79.529	4.53	6.04	1.0238	.003	1
S4	150.00	155.80	5.80	3.87	2.0057	.007	1
S5	300.00	304.06	4.06	1.35	3.9144	.019	1
S6	800.00	783.13	-16.9	-2.11	10.075	.014	1

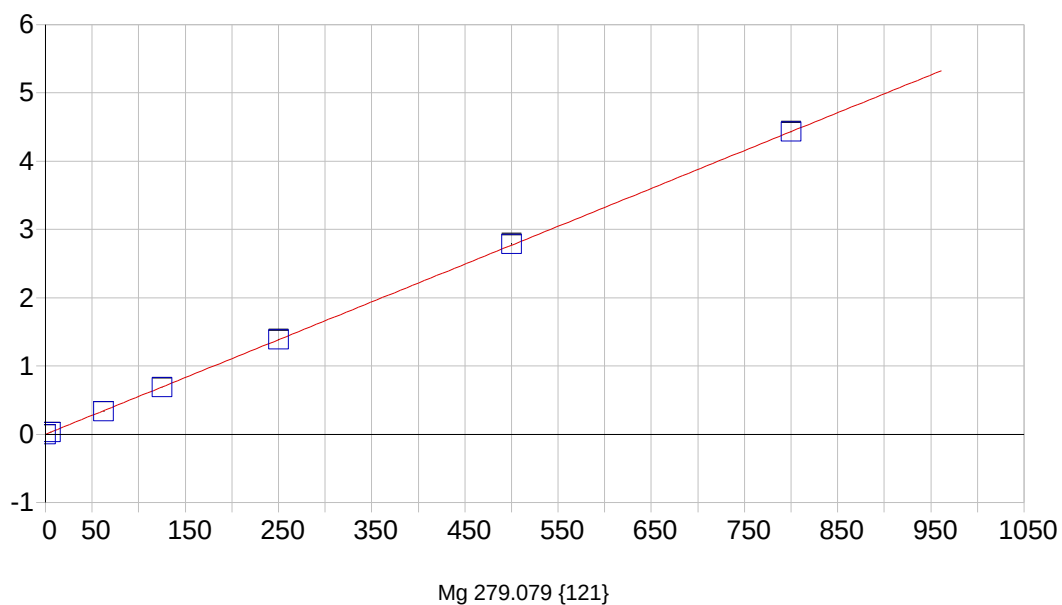


Mn 257.610 {131}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.166571 Y-int: 0.000000
 A2 (Curvature): -0.000193
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.000767
 Predicted MQL: 0.002557

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01500	.01556	.001	3.74	.00257	.000	1
S2	3.7500	3.7571	.007	.190	.62322	.003	1
S3	7.5000	7.5249	.025	.331	1.2428	.003	1
S4	15.000	14.948	-.052	-.346	2.4474	.010	1
S5	30.000	30.019	.019	.065	4.8276	.030	1



Date of Fit: 6/23/2017 14:55:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000179

Re-Slope: 1.000000

A1 (Gain): 0.005541

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999964

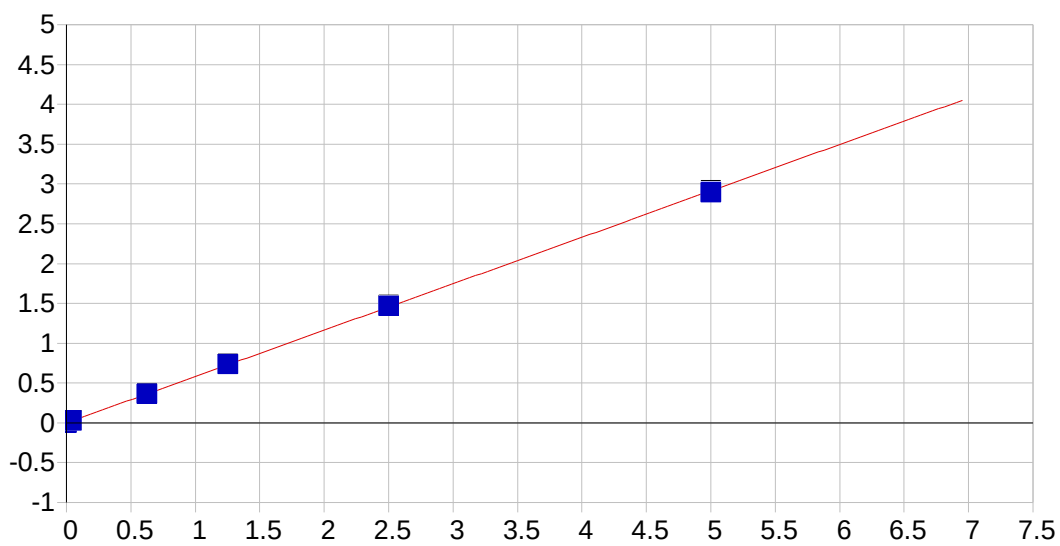
Status: OK.

Std Error of Est: 0.000165

Predicted MDL: 0.031093

Predicted MQL: 0.103642

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00014	.000	.000	-.00018	.000	1
S1	5.0000	5.0668	.067	1.34	.02789	.001	1
S2	62.500	60.196	-2.30	-3.69	.33334	.002	1
S3	125.00	123.47	-1.53	-1.22	.68392	.002	1
S4	250.00	250.28	.283	.113	1.3865	.005	1
S5	500.00	503.32	3.32	.664	2.7885	.011	1
S6	800.00	800.16	.165	.021	4.4331	.009	1



Ni 231.604 {446}

Date of Fit: 6/23/2017 14:55:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000942

Re-Slope: 1.000000

A1 (Gain): 0.582793

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999965

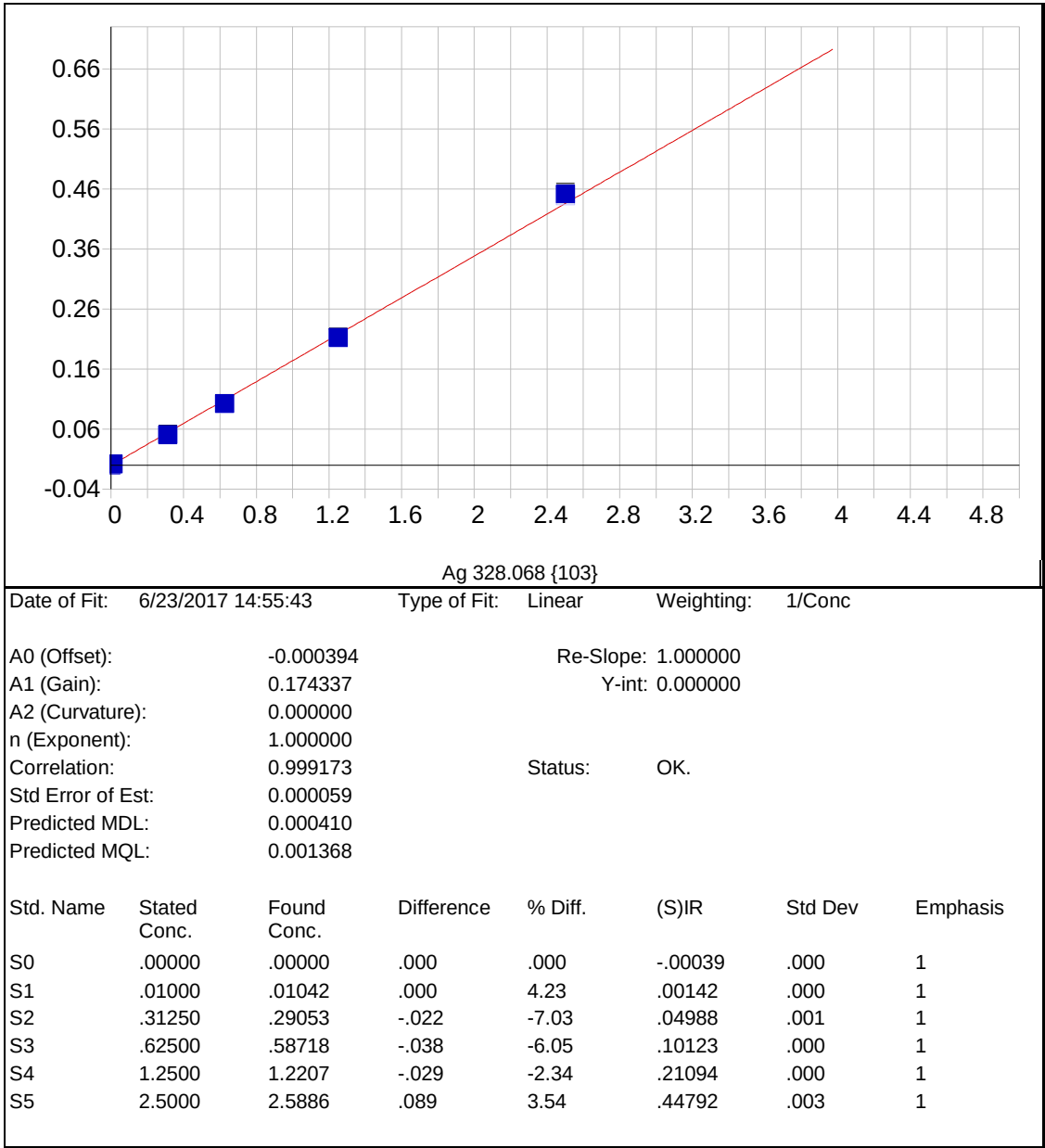
Status: OK.

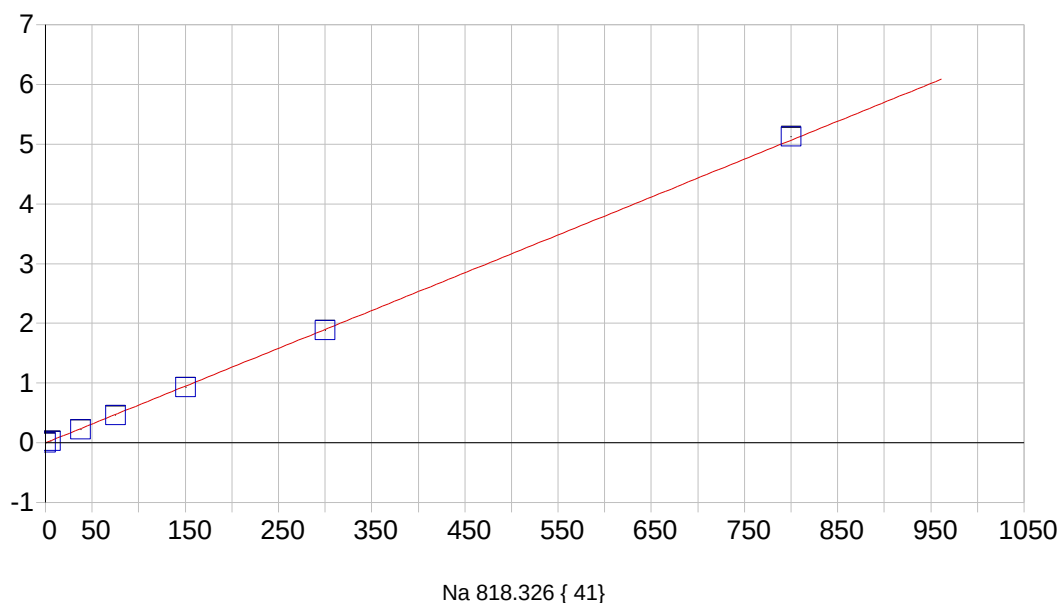
Std Error of Est: 0.000117

Predicted MDL: 0.000367

Predicted MQL: 0.001222

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00094	.000	1
S1	.04000	.04188	.002	4.70	.02350	.000	1
S2	.62500	.62810	.003	.495	.36702	.001	1
S3	1.2500	1.2615	.012	.922	.73810	.001	1
S4	2.5000	2.5211	.021	.844	1.4760	.004	1
S5	5.0000	4.9624	-.038	-.752	2.9064	.010	1





Date of Fit: 6/23/2017 14:55:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002029

Re-Slope: 1.000000

A1 (Gain): 0.006333

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999863

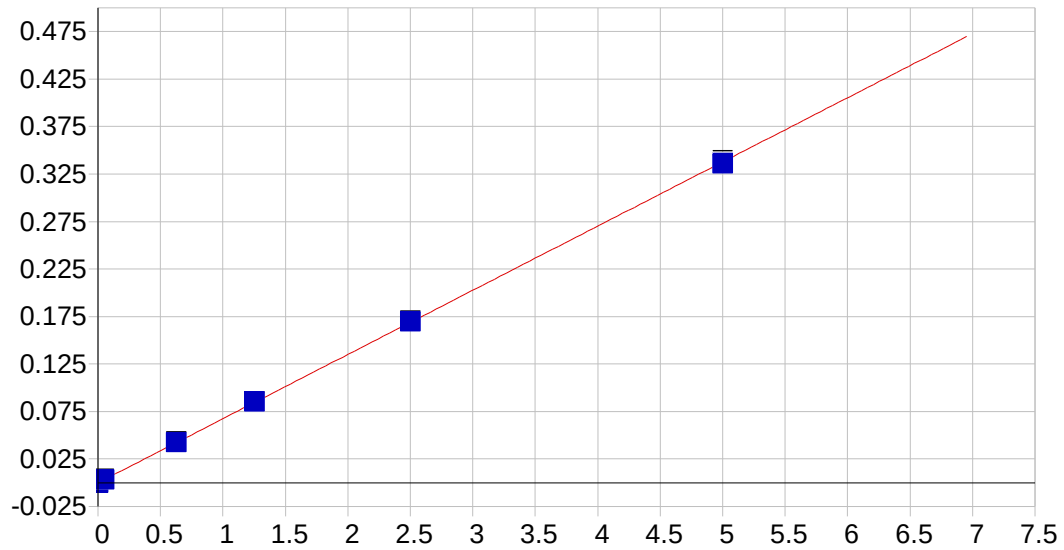
Status: OK.

Std Error of Est: 0.000325

Predicted MDL: 0.132105

Predicted MQL: 0.440349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00055	.001	.000	-.00203	.001	1
S1	5.0000	4.9545	-.046	-.910	.02935	.001	1
S2	37.500	35.625	-1.88	-5.00	.22360	.001	1
S3	75.000	72.334	-2.67	-3.55	.45609	.001	1
S4	150.00	146.97	-3.03	-2.02	.92878	.003	1
S5	300.00	298.08	-1.92	-.638	1.8859	.002	1
S6	800.00	809.53	9.53	1.19	5.1250	.008	1



V 292.402 {115}

Date of Fit: 6/23/2017 14:55:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000086

Re-Slope: 1.000000

A1 (Gain): 0.067573

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999961

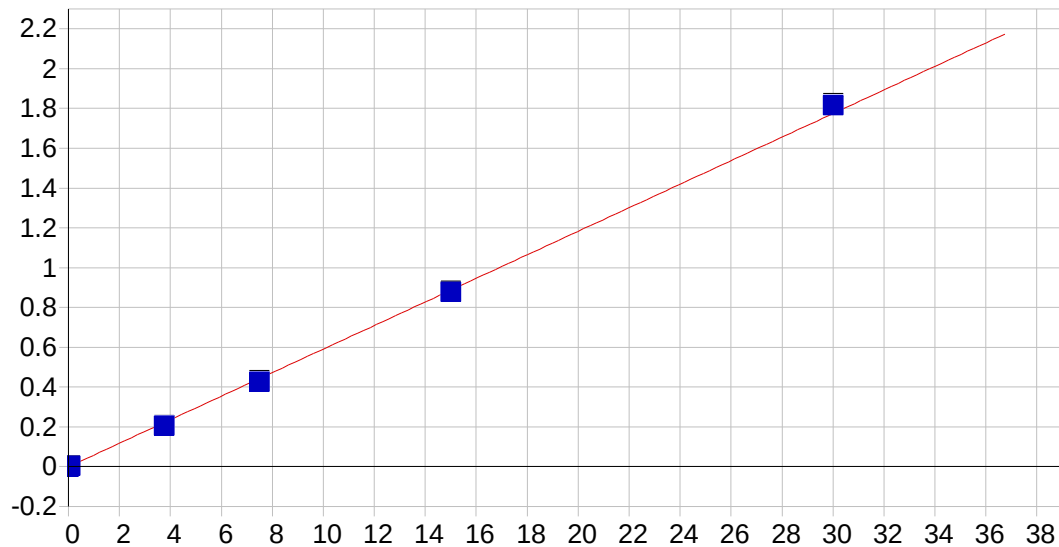
Status: OK.

Std Error of Est: 0.000016

Predicted MDL: 0.002960

Predicted MQL: 0.009866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.05000	.05406	.004	8.11	.00358	.000	1
S2	.62500	.63251	.008	1.20	.04283	.000	1
S3	1.2500	1.2608	.011	.866	.08546	.000	1
S4	2.5000	2.5085	.008	.339	.17012	.001	1
S5	5.0000	4.9691	-.031	-.617	.33709	.002	1

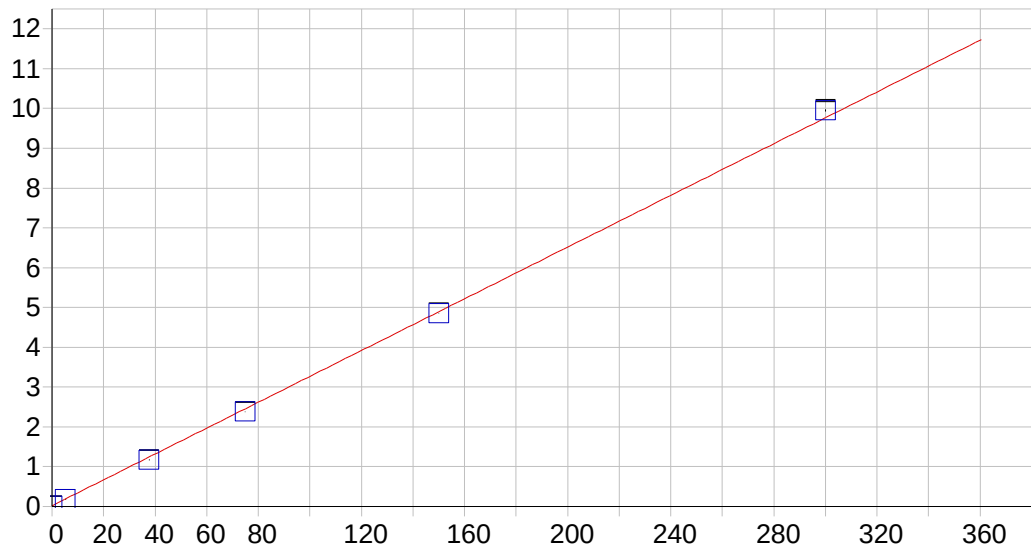


Zn 213.856 {158}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000805 Re-Slope: 1.000000
 A1 (Gain): 0.059178 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999577 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.009466
 Predicted MQL: 0.031553

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00081	.000	1
S1	.06000	.06991	.010	16.5	.00335	.001	1
S2	3.7500	3.4957	-.254	-6.78	.20659	.003	1
S3	7.5000	7.2196	-.280	-3.74	.42750	.006	1
S4	15.000	14.823	-.177	-1.18	.87855	.005	1
S5	30.000	30.701	.701	2.34	1.8203	.007	1

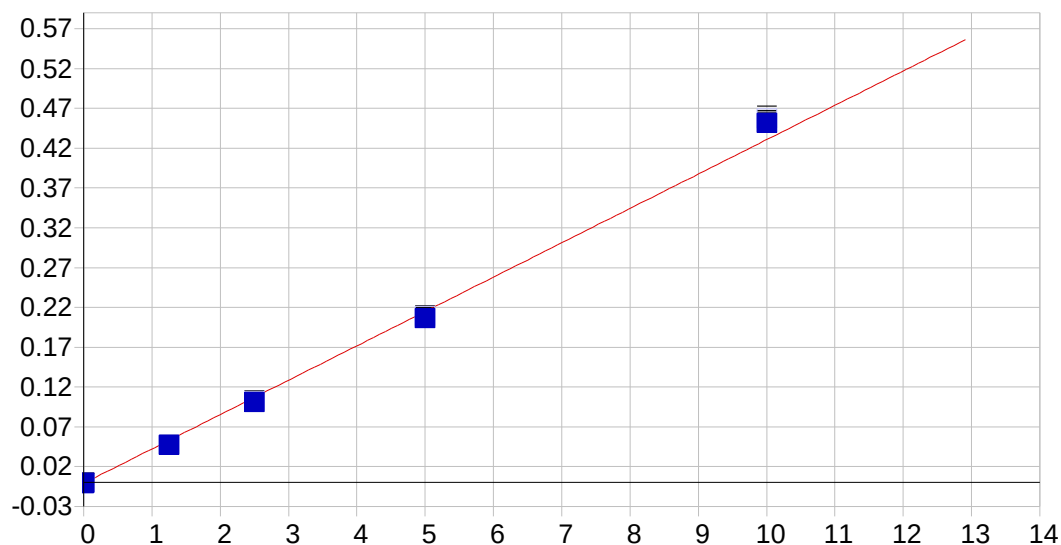


K 769.896 { 44}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019313 Re-Slope: 1.000000
 A1 (Gain): 0.032490 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999734 Status: OK.
 Std Error of Est: 0.001546
 Predicted MDL: 0.027512
 Predicted MQL: 0.091707

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00043	.000	.000	.01933	.001	1
S1	5.0000	4.9422	-.058	-1.16	.17989	.003	1
S2	37.500	35.457	-2.04	-5.45	1.1713	.003	1
S3	75.000	72.585	-2.41	-3.22	2.3776	.003	1
S4	150.00	148.91	-1.09	-.726	4.8575	.008	1
S5	300.00	305.60	5.60	1.87	9.9485	.027	1

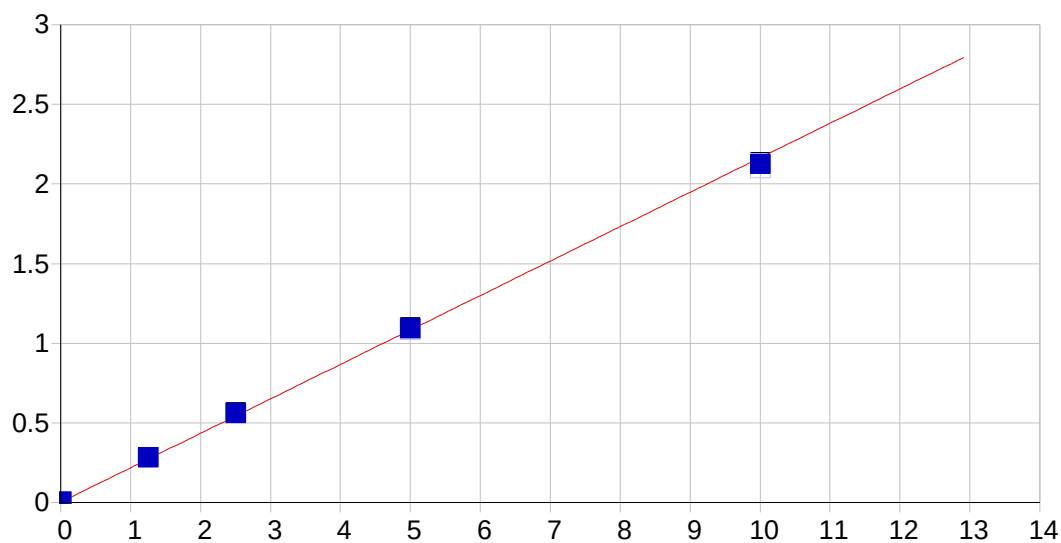


P 177.495 {490}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000897 Re-Slope: 1.000000
 A1 (Gain): 0.043152 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998552 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.002512
 Predicted MQL: 0.008373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00090	.000	1
S1	.01000	.01269	.003	26.9	-.00034	.000	1
S2	1.2500	1.1105	-.139	-11.2	.04772	.000	1
S3	2.5000	2.3597	-.140	-5.61	.10232	.001	1
S4	5.0000	4.7948	-.205	-4.10	.20880	.001	1
S5	10.000	10.482	.482	4.82	.45702	.004	1

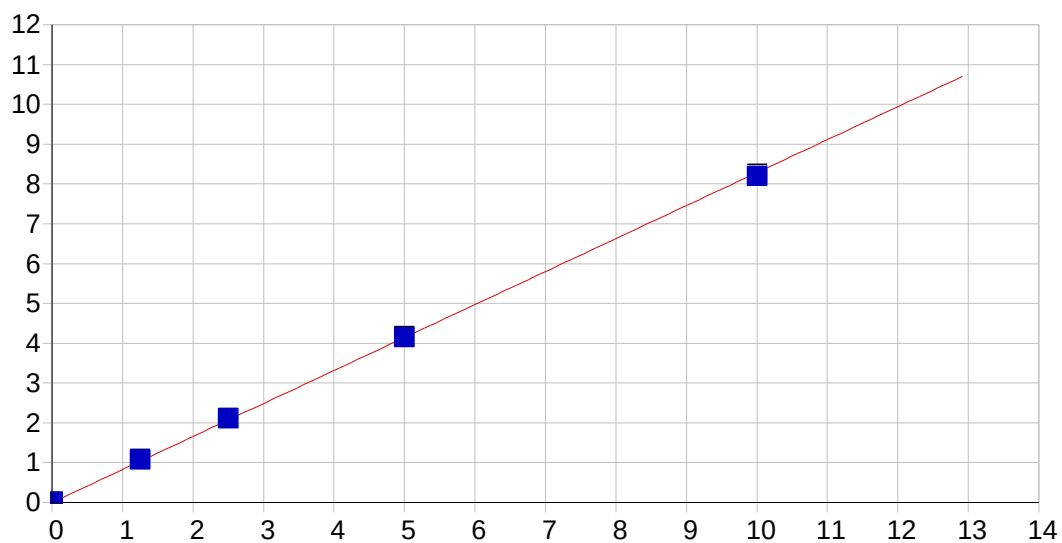


B 249.678 {135}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001923 Re-Slope: 1.000000
 A1 (Gain): 0.216252 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999769 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.001059
 Predicted MQL: 0.003531

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00192	.000	1
S1	.01000	.00982	.000	-1.76	.00405	.000	1
S2	1.2500	1.2953	.045	3.62	.27865	.000	1
S3	2.5000	2.5882	.088	3.53	.55485	.002	1
S4	5.0000	5.0474	.047	.948	1.0799	.004	1
S5	10.000	9.8193	-.181	-1.81	2.0983	.011	1

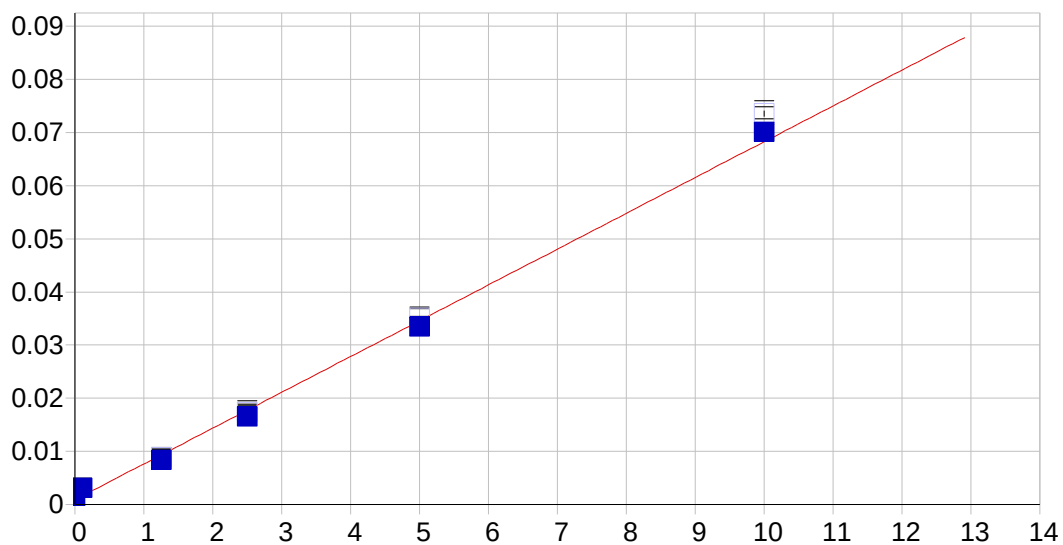


Mo 202.030 {467}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000179 Re-Slope: 1.000000
 A1 (Gain): 0.828438 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000208
 Predicted MDL: 0.000290
 Predicted MQL: 0.000968

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.01000	.01158	.002	15.8	.00979	.000	1
S2	1.2500	1.2999	.050	4.00	1.0780	.005	1
S3	2.5000	2.5465	.046	1.86	2.1117	.003	1
S4	5.0000	5.0064	.006	.128	4.1514	.028	1
S5	10.000	9.8956	-.104	-1.04	8.2056	.041	1

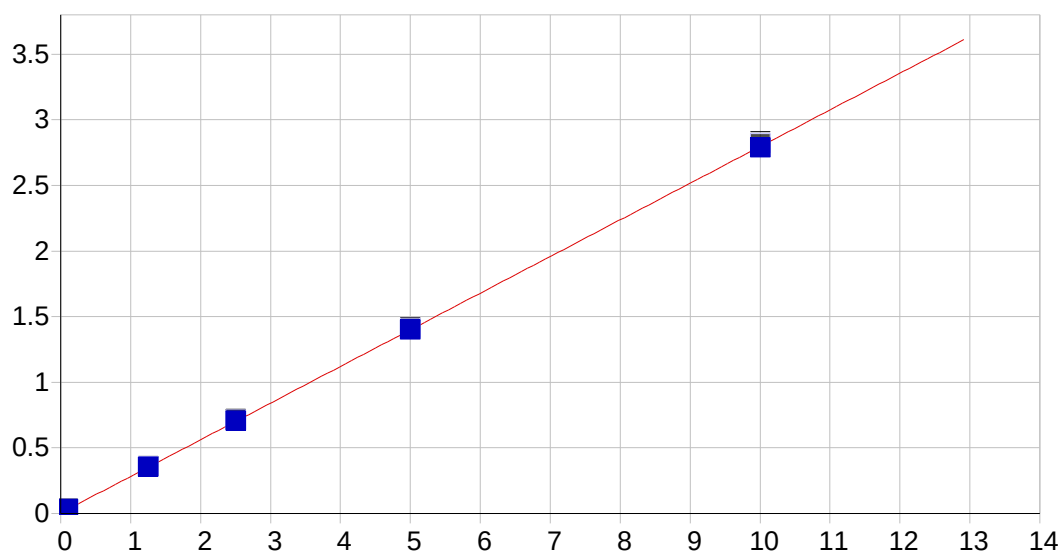


S 182.034 {485}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000888 Re-Slope: 1.000000
 A1 (Gain): 0.006738 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.987559 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.014681
 Predicted MQL: 0.048936

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	.000	.000	.00089	.000	1
S1	.10000	.32042	.220	220.	.00305	.000	1
S2	1.2500	1.1156	-.134	-10.8	.00883	.000	1
S3	2.5000	2.3196	-.180	-7.22	.01738	.000	1
S4	5.0000	4.8269	-.173	-3.46	.03513	.000	1
S5	10.000	10.278	.278	2.78	.07357	.001	1

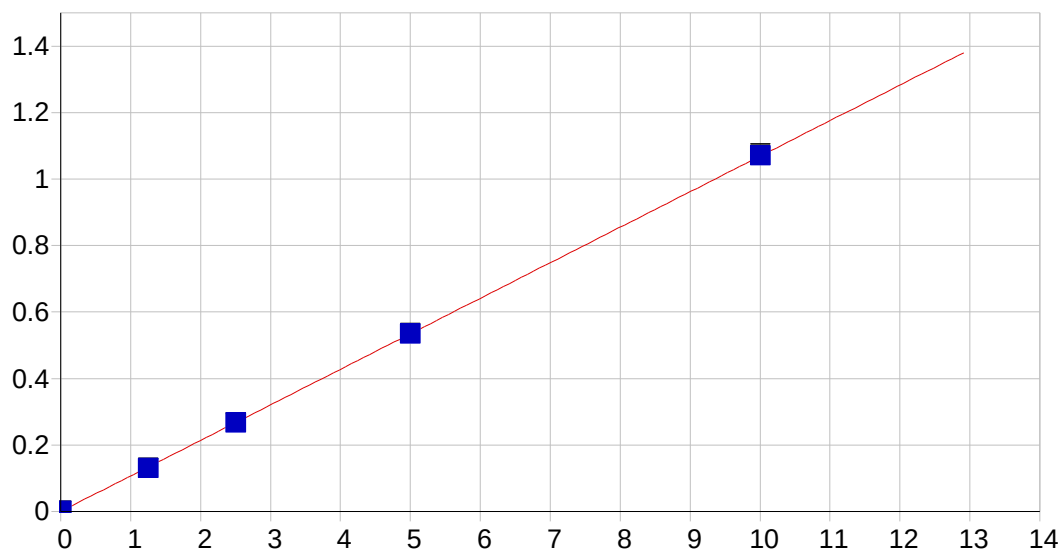


Si 251.611 {134}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003254 Re-Slope: 1.000000
 A1 (Gain): 0.279322 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.000975
 Predicted MQL: 0.003252

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00325	.000	1
S1	.10000	.10062	.001	.616	.03146	.000	1
S2	1.2500	1.2626	.013	1.01	.36003	.001	1
S3	2.5000	2.5212	.021	.846	.71569	.003	1
S4	5.0000	4.9946	-.005	-.108	1.4148	.003	1
S5	10.000	9.9711	-.029	-.289	2.8213	.011	1

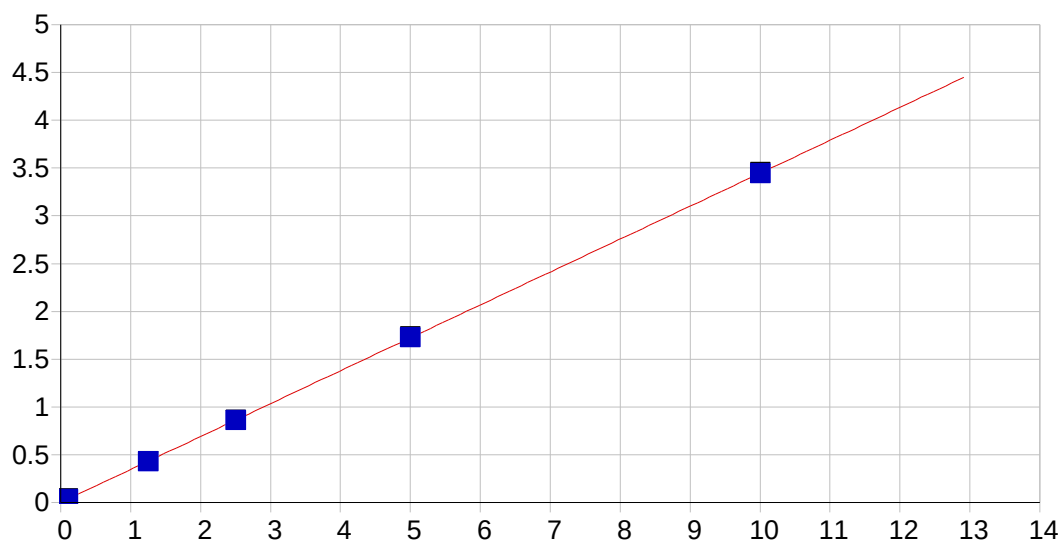


Sn 189.989 {478}

Date of Fit: 6/23/2017 14:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000114 Re-Slope: 1.000000
 A1 (Gain): 0.106881 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.001047
 Predicted MQL: 0.003491

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.00700	.00779	.001	11.2	.00094	.000	1
S2	1.2500	1.2250	-.025	-2.00	.13093	.000	1
S3	2.5000	2.4942	-.006	-.232	.26649	.000	1
S4	5.0000	5.0066	.007	.131	.53480	.002	1
S5	10.000	10.024	.024	.235	1.0706	.005	1



Ti 336.121 {100}

Date of Fit: 6/23/2017 14:55:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000920

Re-Slope: 1.000000

A1 (Gain): 0.344458

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999989

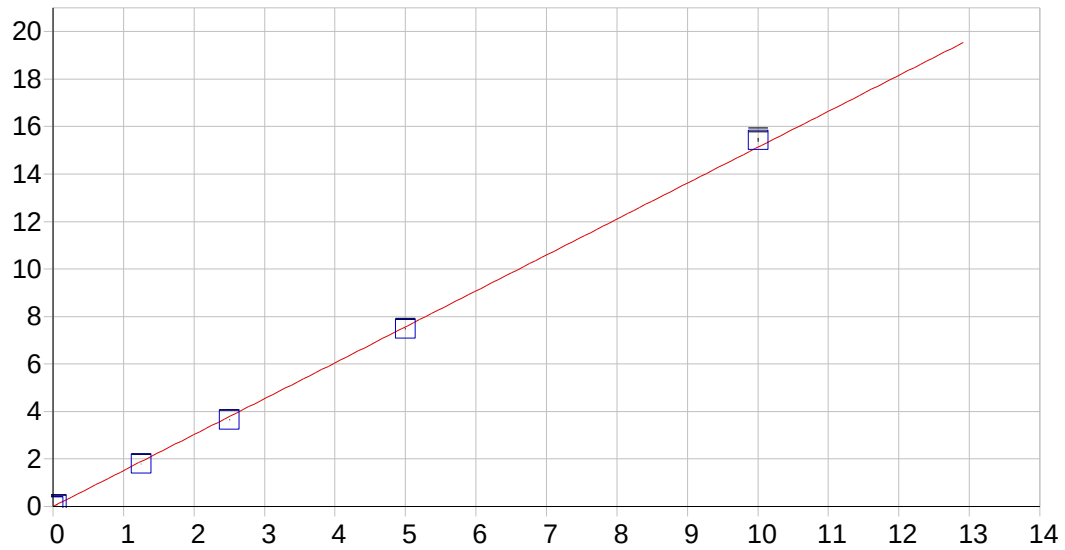
Status: OK.

Std Error of Est: 0.000085

Predicted MDL: 0.000880

Predicted MQL: 0.002934

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00092	.000	1
S1	.10000	.10526	.005	5.26	.03717	.001	1
S2	1.2500	1.2390	-.011	-.884	.42754	.001	1
S3	2.5000	2.5006	.001	.025	.86199	.001	1
S4	5.0000	5.0114	.011	.228	1.7266	.006	1
S5	10.000	9.9937	-.006	-.063	3.4422	.011	1



Li 670.784 { 50}

Date of Fit: 6/23/2017 14:55:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001383

Re-Slope: 1.000000

A1 (Gain): 1.512772

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999700

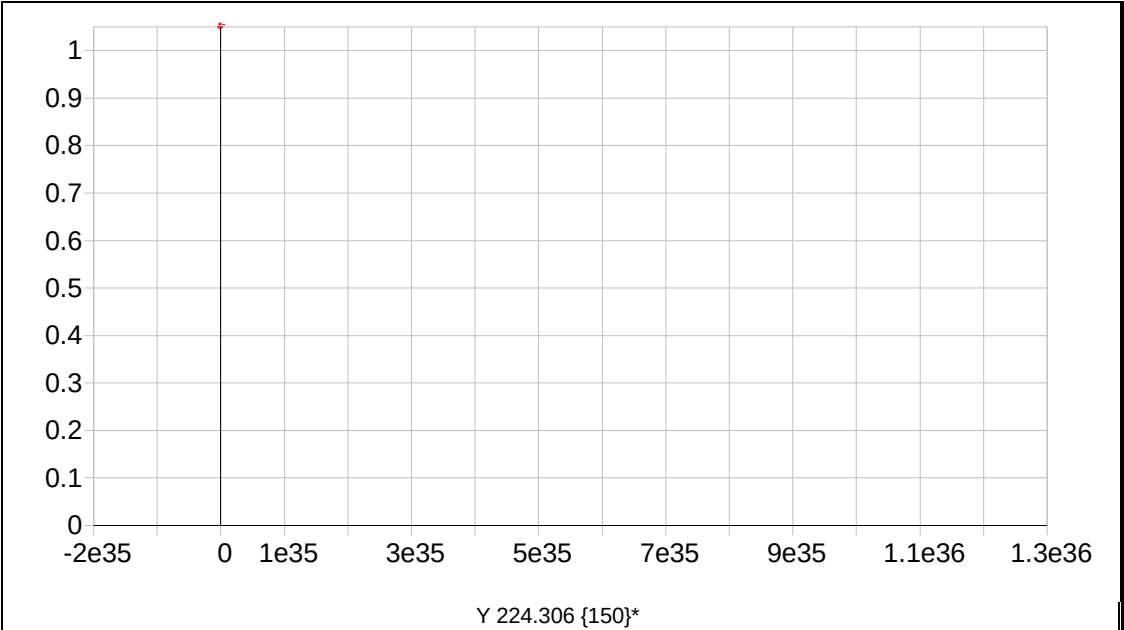
Status: OK.

Std Error of Est: 0.001392

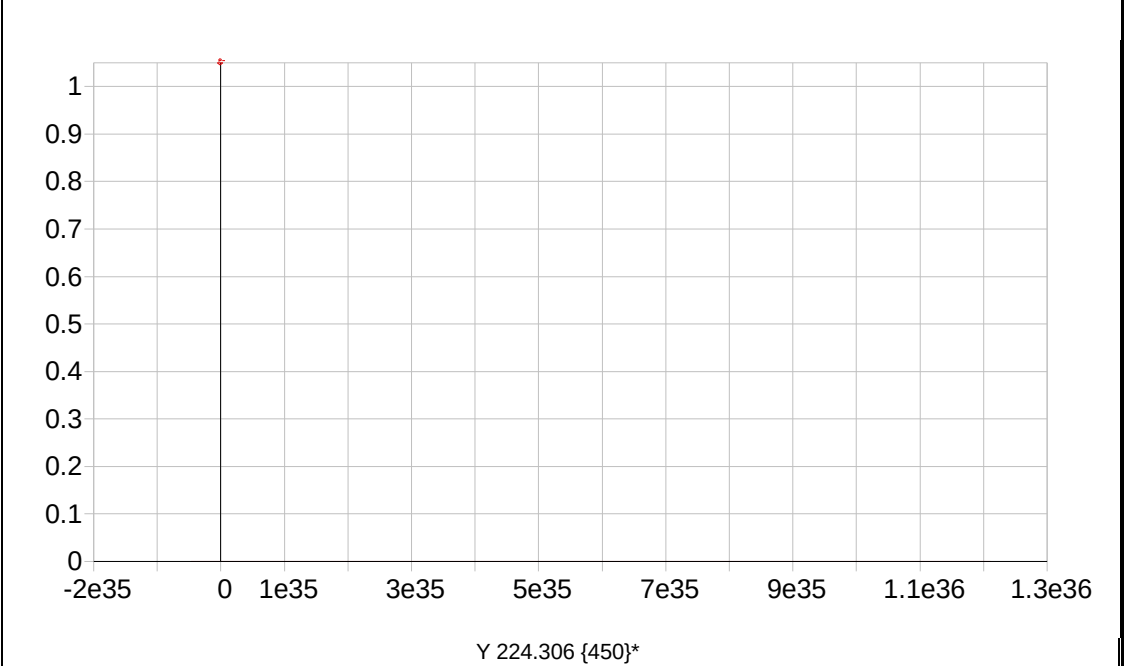
Predicted MDL: 0.000608

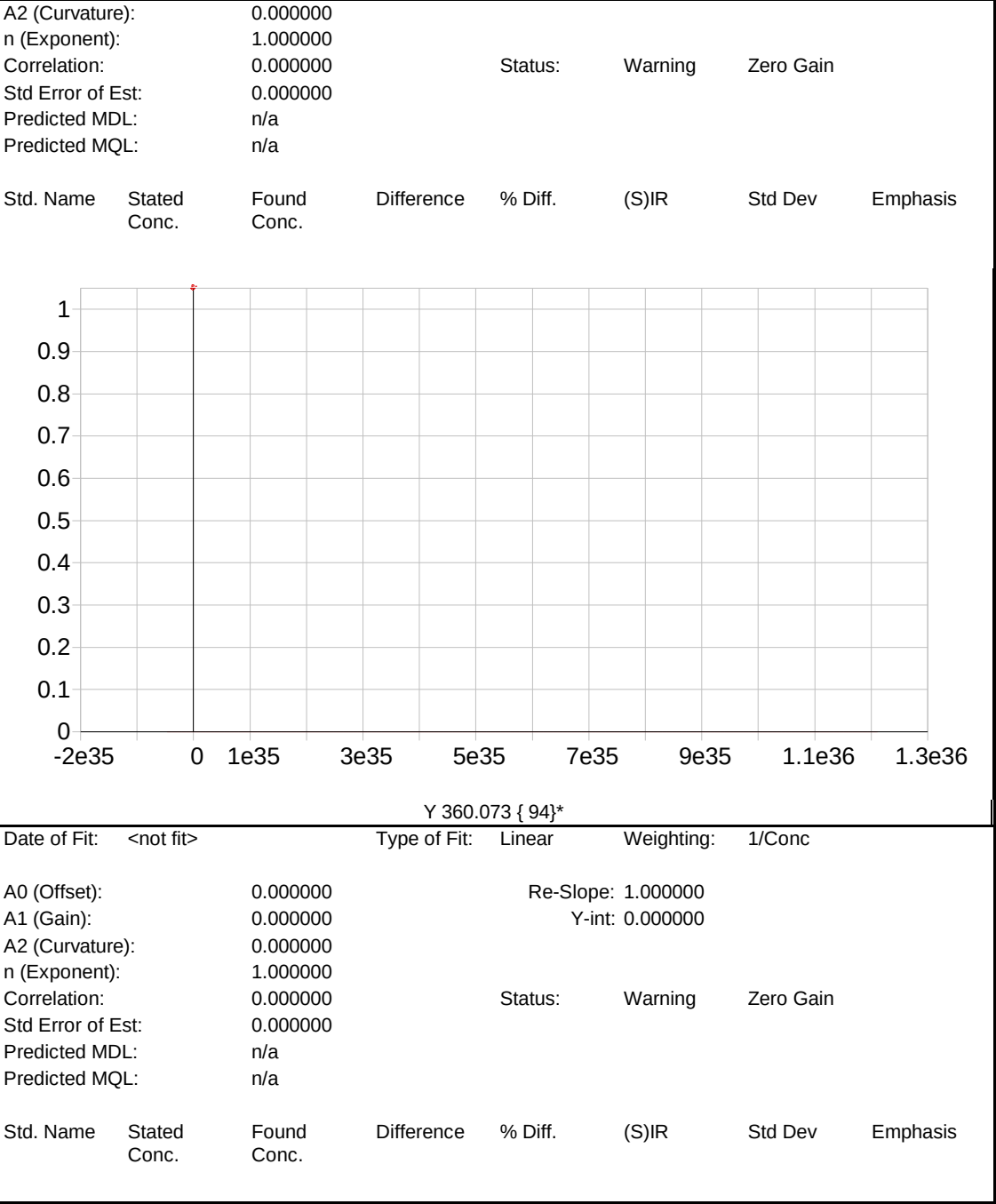
Predicted MQL: 0.002026

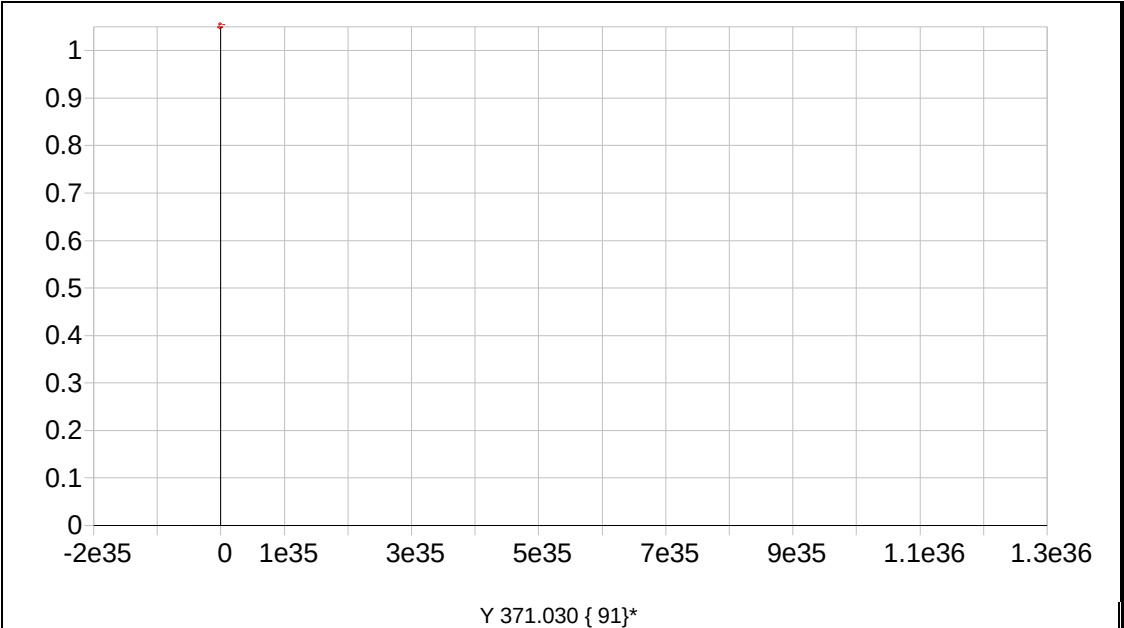
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00139	.001	1
S5	10.000	10.204	.204	2.04	15.438	.083	1
S4	5.0000	4.9522	-.048	-.956	7.4930	.025	1
S3	2.5000	2.4088	-.091	-3.65	3.6454	.004	1
S2	1.2500	1.1856	-.064	-5.15	1.7950	.005	1
S1	.05000	.04883	-.001	-2.34	.07525	.001	1



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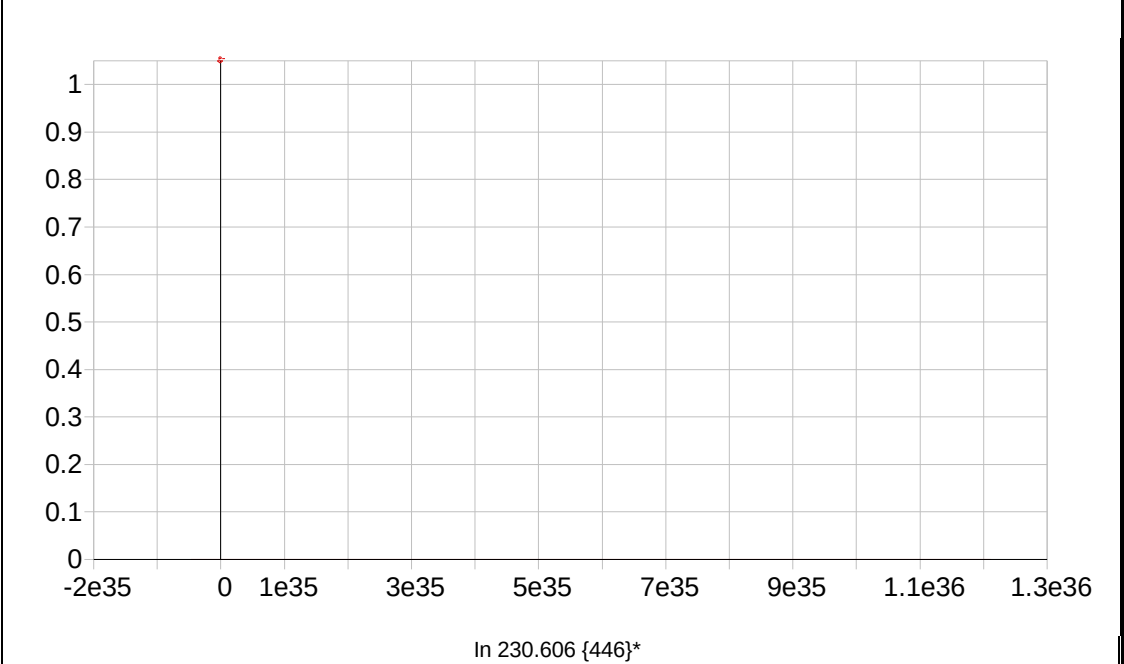




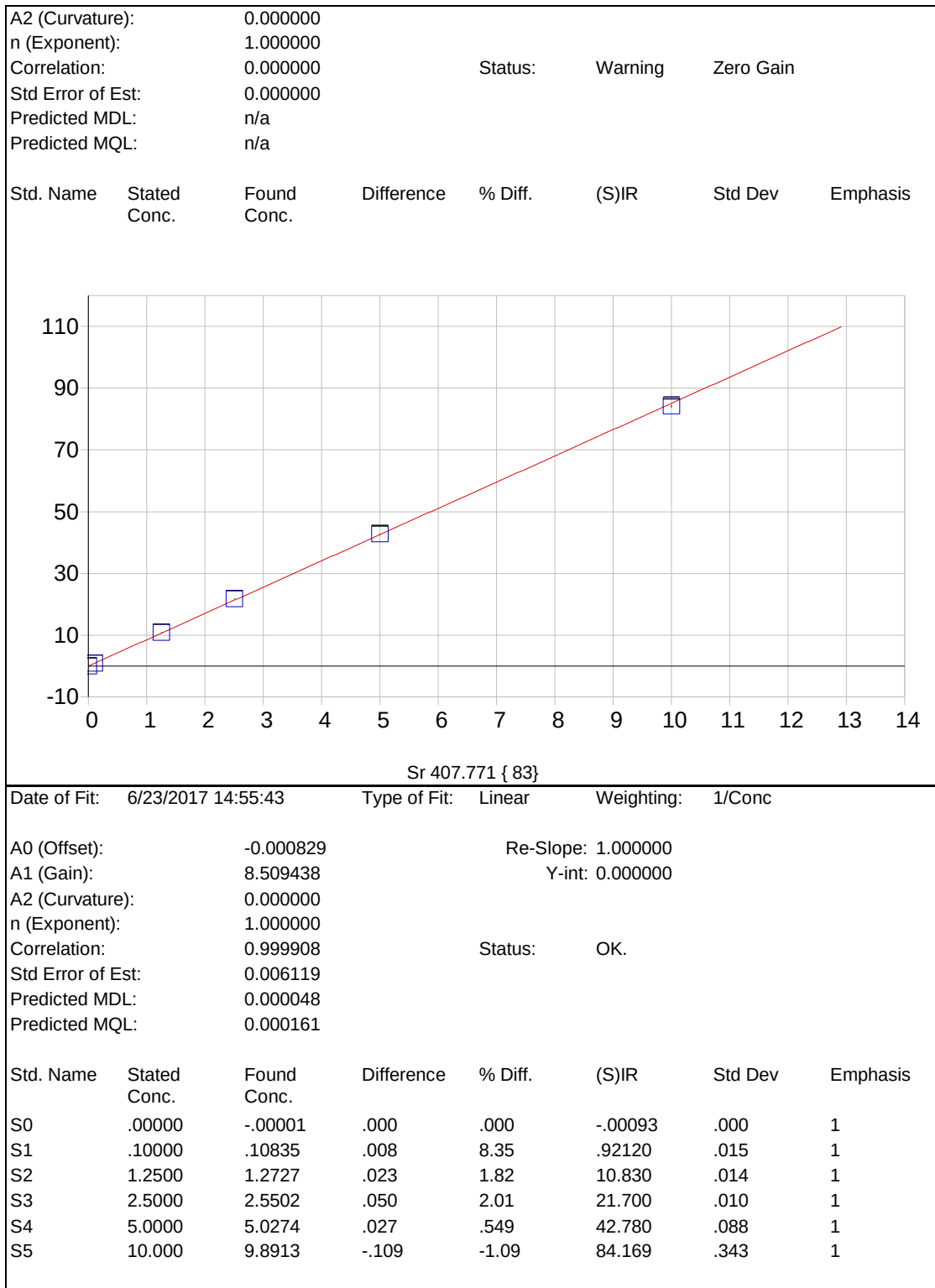


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 6/23/2017 14:18:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	-.00021	-.00031	.00001	.00012	.00026	.00035	-.07109	-.00166
Stddev	.00009	.00007	.00005	.00014	.00024	.00016	.00100	.00016
%RSD	41.790	23.314	576.69	115.81	90.004	45.319	1.3999	9.7906

#1	-.00012	-.00026	.00000	.00000	.00049	.00025	-.06994	-.00174
#2	-.00022	-.00029	-.00003	.00009	.00001	.00026	-.07172	-.00177
#3	-.00029	-.00039	.00006	.00027	.00029	.00053	-.07160	-.00148

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	.00035	.00095	.00000	-.00045	.00055	.00002	-.00002	-.00018
Stddev	.00003	.00029	.00004	.00004	.00003	.00011	.00011	.00004
%RSD	7.7623	30.346	840.42	9.4535	6.0371	426.54	558.83	21.741

#1	.00032	.00127	.00000	-.00049	.00058	.00014	-.00008	-.00014
#2	.00037	.00071	-.00003	-.00041	.00052	-.00007	-.00008	-.00021
#3	.00035	.00087	.00005	-.00044	.00056	.00001	.00010	-.00019

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	-.00094	-.00039	-.00203	-.00009	-.00081	.01933	-.00090	.00192
Stddev	.00013	.00002	.00068	.00011	.00034	.00055	.00006	.00022
%RSD	13.269	5.4201	33.374	128.90	42.744	2.8619	6.4051	11.449

#1	-.00090	-.00037	-.00200	-.00001	-.00068	.01887	-.00087	.00198
#2	-.00085	-.00040	-.00271	-.00021	-.00119	.01916	-.00086	.00168
#3	-.00108	-.00041	-.00136	-.00003	-.00054	.01994	-.00096	.00211

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	.00018	.00089	.00325	.00011	.00092	.00139	-.00093	
Stddev	.00018	.00006	.00030	.00003	.00016	.00068	.00017	
%RSD	99.243	7.1969	9.1205	30.380	17.227	48.558	18.217	

#1	.00014	.00090	.00348	.00015	.00096	.00069	-.00076	
#2	.00037	.00094	.00336	.00008	.00074	.00145	-.00093	
#3	.00002	.00082	.00292	.00011	.00105	.00203	-.00109	

Sample Name: S0 Acquired: 6/23/2017 14:18:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	1391.0	1961.8	52080.	8448.5	3225.1
Stddev	3.0	17.7	48.	38.4	20.6
%RSD	.21411	.90001	.09150	.45441	.63783
#1	1387.8	1944.1	52087.	8428.4	3207.2
#2	1393.6	1962.0	52123.	8424.3	3220.4
#3	1391.8	1979.4	52029.	8492.7	3247.6

Sample Name: S1 Acquired: 6/23/2017 14:22:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	.00014	.00181	.00174	.00254	.01340	.01782	.79127	.01509
Stddev	.00006	.00009	.00028	.00019	.00016	.00046	.01480	.00027
%RSD	41.722	5.1242	15.872	7.3054	1.1986	2.5977	1.8702	1.7570

#1	.00020	.00182	.00147	.00249	.01358	.01729	.77431	.01494
#2	.00013	.00189	.00202	.00238	.01327	.01801	.79791	.01539
#3	.00009	.00171	.00171	.00274	.01335	.01816	.80158	.01492

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	.00804	.18242	.00133	.03049	.00544	.00157	.00257	.02789
Stddev	.00014	.00341	.00005	.00024	.00011	.00010	.00012	.00079
%RSD	1.6847	1.8670	3.6812	.77556	1.9550	6.6687	4.8070	2.8257

#1	.00790	.17850	.00136	.03030	.00545	.00148	.00255	.02712
#2	.00817	.18406	.00127	.03075	.00533	.00168	.00271	.02869
#3	.00804	.18469	.00135	.03040	.00555	.00154	.00247	.02787

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	.02350	.00142	.02935	.00358	.00335	.17989	-.00034	.00405
Stddev	.00012	.00010	.00058	.00010	.00051	.00300	.00005	.00009
%RSD	.52963	6.9228	1.9792	2.7689	15.144	1.6663	15.519	2.2547

#1	.02342	.00131	.02893	.00363	.00338	.17662	-.00038	.00396
#2	.02343	.00149	.03001	.00363	.00383	.18252	-.00037	.00407
#3	.02364	.00146	.02910	.00346	.00282	.18052	-.00028	.00414

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	.00979	.00305	.03146	.00094	.03717	.07525	.92120
Stddev	.00039	.00002	.00025	.00006	.00053	.00145	.01522
%RSD	3.9377	.81958	.79851	6.4207	1.4342	1.9210	1.6526

#1	.01023	.00303	.03119	.00094	.03660	.07369	.90363
#2	.00962	.00305	.03169	.00087	.03725	.07654	.92958
#3	.00952	.00308	.03150	.00099	.03765	.07553	.93039

Sample Name: S1 Acquired: 6/23/2017 14:22:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	1385.7	1954.5	51709.	8517.9	3131.7
Stddev	9.8	9.5	153.	95.2	6.5
%RSD	.71024	.48814	.29551	1.1175	.20857
#1	1376.1	1943.4	51595.	8627.3	3127.0
#2	1395.8	1959.9	51882.	8453.9	3128.8
#3	1385.2	1960.0	51649.	8472.4	3139.1

Sample Name: S2 Acquired: 6/23/2017 14:26:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	.04607	.09815	.90035	.07251	.25436	3.1990	10.277	.37077
Stddev	.00018	.00017	.00219	.00024	.00108	.0041	.025	.00160
%RSD	.38762	.17661	.24343	.33745	.42525	.12704	.23914	.43186

#1	.04619	.09796	.90132	.07271	.25492	3.1947	10.275	.37207
#2	.04615	.09818	.89785	.07259	.25311	3.2028	10.303	.37127
#3	.04586	.09830	.90190	.07224	.25505	3.1996	10.254	.36898

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	.90446	2.1349	.44020	.37632	.66998	.51424	.62322	.33334
Stddev	.00281	.0074	.00478	.00126	.00104	.00179	.00295	.00194
%RSD	.31053	.34537	1.0849	.33502	.15554	.34833	.47376	.58088

#1	.90328	2.1268	.43506	.37632	.66878	.51392	.62102	.33110
#2	.90244	2.1365	.44451	.37505	.67069	.51263	.62207	.33446
#3	.90767	2.1413	.44102	.37757	.67046	.51617	.62658	.33445

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	.36702	.04988	.22360	.04283	.20659	1.1713	.04772	.27865
Stddev	.00138	.00056	.00053	.00023	.00267	.0034	.00028	.00050
%RSD	.37644	1.1154	.23744	.54075	1.2926	.28884	.59327	.17916

#1	.36822	.04929	.22319	.04272	.20355	1.1682	.04762	.27885
#2	.36551	.05040	.22340	.04268	.20769	1.1749	.04750	.27901
#3	.36734	.04996	.22420	.04310	.20854	1.1708	.04804	.27808

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	1.0780	.00883	.36003	.13093	.42754	1.7950	10.830	
Stddev	.0046	.00002	.00096	.00009	.00120	.0048	.014	
%RSD	.42547	.24624	.26754	.06500	.28094	.26565	.12786	

#1	1.0806	.00885	.35893	.13085	.42741	1.7999	10.840	
#2	1.0727	.00884	.36044	.13094	.42641	1.7946	10.835	
#3	1.0808	.00881	.36072	.13102	.42880	1.7904	10.814	

Sample Name: S2 Acquired: 6/23/2017 14:26:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	1334.6	1841.3	49450.	8300.3	2697.2
Stddev	25.5	7.5	511.	13.5	7.9
%RSD	1.9109	.40479	1.0342	.16319	.29314
#1	1361.9	1833.7	50041.	8290.6	2689.2
#2	1330.4	1848.6	49161.	8315.8	2705.0
#3	1311.4	1841.7	49149.	8294.6	2697.3

Sample Name: S3 Acquired: 6/23/2017 14:30:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	.09308	.19369	1.8017	.14504	.50952	6.5192	20.732	.74990
Stddev	.00032	.00120	.0011	.00026	.00261	.0013	.010	.00525
%RSD	.34816	.61989	.05921	.18168	.51284	.01988	.05013	.69970

#1	.09288	.19480	1.8006	.14532	.51250	6.5199	20.743	.74419
#2	.09346	.19242	1.8028	.14480	.50849	6.5178	20.722	.75450
#3	.09292	.19387	1.8017	.14500	.50759	6.5201	20.731	.75102

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	1.8299	4.2937	.86094	.76431	1.3512	1.0238	1.2428	.68392
Stddev	.0022	.0111	.00138	.00053	.0008	.0030	.0035	.00155
%RSD	.12207	.25877	.16025	.06988	.05858	.29273	.28041	.22707

#1	1.8275	4.2892	.85942	.76378	1.3509	1.0207	1.2389	.68213
#2	1.8320	4.3064	.86211	.76431	1.3521	1.0267	1.2456	.68476
#3	1.8302	4.2856	.86129	.76485	1.3507	1.0239	1.2438	.68487

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	.73810	.10123	.45609	.08546	.42750	2.3776	.10232	.55485
Stddev	.00107	.00025	.00071	.00009	.00571	.0035	.00053	.00244
%RSD	.14445	.25112	.15652	.10645	1.3352	.14646	.51587	.43919

#1	.73870	.10126	.45648	.08536	.43377	2.3770	.10227	.55398
#2	.73873	.10096	.45652	.08553	.42261	2.3745	.10182	.55760
#3	.73687	.10147	.45527	.08550	.42612	2.3814	.10287	.55296

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	2.1117	.01738	.71569	.26649	.86199	3.6454	21.700	
Stddev	.0033	.00031	.00256	.00031	.00128	.0044	.010	
%RSD	.15569	1.7738	.35791	.11742	.14870	.12176	.04646	

#1	2.1110	.01749	.71372	.26613	.86131	3.6496	21.688	
#2	2.1087	.01703	.71858	.26666	.86347	3.6408	21.703	
#3	2.1152	.01761	.71477	.26668	.86119	3.6459	21.707	

Sample Name: S3 Acquired: 6/23/2017 14:30:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	1280.4	1786.0	47901.	8145.6	2515.1
Stddev	12.3	5.2	188.	14.3	8.0
%RSD	.95787	.28989	.39233	.17507	.31812
#1	1266.3	1780.3	47688.	8151.4	2507.2
#2	1288.7	1787.3	48043.	8129.4	2514.7
#3	1286.2	1790.4	47973.	8156.1	2523.2

Sample Name: S4 Acquired: 6/23/2017 14:34:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	.18954	.37038	3.5963	.29038	1.0440	13.377	41.419	1.5034
Stddev	.00127	.00306	.0118	.00167	.0053	.038	.295	.0051
%RSD	.67068	.82600	.32799	.57385	.50306	.28727	.71210	.33852

#1	.19086	.37389	3.6053	.29127	1.0471	13.421	41.726	1.5079
#2	.18942	.36895	3.6005	.29142	1.0469	13.353	41.137	1.4979
#3	.18833	.36830	3.5829	.28846	1.0379	13.357	41.394	1.5045

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	3.6683	8.6890	1.6694	1.5479	2.7384	2.0057	2.4474	1.3865
Stddev	.0071	.0297	.0038	.0046	.0030	.0066	.0101	.0055
%RSD	.19234	.34131	.22920	.29985	.10841	.32831	.41449	.39588

#1	3.6728	8.6684	1.6652	1.5526	2.7411	2.0129	2.4569	1.3925
#2	3.6719	8.6756	1.6703	1.5478	2.7388	2.0000	2.4367	1.3817
#3	3.6601	8.7230	1.6726	1.5434	2.7352	2.0042	2.4484	1.3853

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	1.4760	.21094	.92878	.17012	.87855	4.8575	.20880	1.0799
Stddev	.0044	.00018	.00278	.00074	.00459	.0081	.00100	.0042
%RSD	.29650	.08343	.29901	.43742	.52245	.16696	.47985	.38992

#1	1.4797	.21090	.93151	.16972	.87727	4.8653	.20995	1.0844
#2	1.4772	.21079	.92888	.16966	.87473	4.8580	.20814	1.0761
#3	1.4712	.21113	.92596	.17098	.88364	4.8491	.20830	1.0792

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	4.1514	.03513	1.4148	.53480	1.7266	7.4930	42.780	
Stddev	.0280	.00015	.0034	.00175	.0058	.0245	.088	
%RSD	.67357	.42479	.24400	.32691	.33701	.32713	.20528	

#1	4.1716	.03516	1.4187	.53673	1.7318	7.5125	42.877	
#2	4.1631	.03526	1.4121	.53436	1.7203	7.5009	42.705	
#3	4.1195	.03497	1.4136	.53331	1.7276	7.4655	42.758	

Sample Name: S4 Acquired: 6/23/2017 14:34:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	1203.1	1669.8	45719.	7931.8	2273.2
Stddev	6.5	11.2	91.	22.2	11.0
%RSD	.54299	.66780	.19846	.27977	.48585
#1	1195.7	1662.4	45634.	7906.2	2262.0
#2	1208.1	1664.4	45710.	7943.4	2273.4
#3	1205.4	1682.7	45814.	7945.7	2284.1

Sample Name: S5 Acquired: 6/23/2017 14:38:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	.39590	.72627	7.1533	.59532	2.1794	27.552	81.716	3.0873
Stddev	.00192	.00382	.0302	.00343	.0134	.018	.936	.0138
%RSD	.48610	.52645	.42153	.57691	.61579	.06703	1.1449	.44689

#1	.39660	.72414	7.1614	.59665	2.1882	27.546	80.638	3.0887
#2	.39738	.73068	7.1787	.59790	2.1860	27.573	82.316	3.0729
#3	.39372	.72398	7.1200	.59142	2.1639	27.538	82.193	3.1003

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	7.2684	17.459	3.2246	3.0945	5.5734	3.9144	4.8276	2.7885
Stddev	.0344	.068	.0132	.0150	.0133	.0186	.0298	.0111
%RSD	.47312	.38852	.40937	.48625	.23782	.47379	.61771	.39849

#1	7.2581	17.436	3.2095	3.0959	5.5688	3.9205	4.8404	2.7940
#2	7.3068	17.406	3.2304	3.1088	5.5884	3.8935	4.7935	2.7757
#3	7.2404	17.536	3.2339	3.0788	5.5631	3.9291	4.8489	2.7957

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	2.9064	.44792	1.8859	.33709	1.8203	9.9485	.45702	2.0983
Stddev	.0103	.00262	.0023	.00209	.0068	.0270	.00376	.0106
%RSD	.35267	.58402	.12208	.62090	.37536	.27164	.82369	.50334

#1	2.9080	.44494	1.8880	.33856	1.8270	9.9441	.45464	2.0978
#2	2.9158	.44982	1.8834	.33469	1.8207	9.9775	.46136	2.0880
#3	2.8955	.44901	1.8861	.33802	1.8133	9.9240	.45505	2.1091

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	8.2056	.07357	2.8213	1.0706	3.4422	15.438	84.169	
Stddev	.0409	.00058	.0113	.0051	.0109	.083	.343	
%RSD	.49798	.78976	.39887	.48042	.31614	.53904	.40768	

#1	8.2228	.07350	2.8193	1.0674	3.4479	15.416	84.482	
#2	8.2351	.07418	2.8111	1.0765	3.4296	15.531	83.802	
#3	8.1590	.07303	2.8334	1.0678	3.4490	15.369	84.222	

Sample Name: S5 Acquired: 6/23/2017 14:38:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	1110.9	1528.0	43279.	7668.9	2017.8
Stddev	9.1	10.1	246.	17.4	10.2
%RSD	.81813	.66343	.56923	.22741	.50402
#1	1107.6	1518.9	43457.	7655.0	2010.0
#2	1103.9	1526.2	42998.	7688.5	2014.1
#3	1121.2	1539.0	43382.	7663.2	2029.3

Sample Name: S6 Acquired: 6/23/2017 14:42:20 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	71.634	28.466	10.075	4.4331	5.1250
Stddev	.284	.040	.014	.0086	.0081
%RSD	.39683	.13898	.14217	.19322	.15855

#1	71.739	28.468	10.091	4.4419	5.1300
#2	71.852	28.425	10.064	4.4328	5.1294
#3	71.313	28.504	10.069	4.4248	5.1157

Int. Std.	Y_3710
Units	Cts/S
Avg	7429.7
Stddev	42.1
%RSD	.56621

#1	7387.3
#2	7430.3
#3	7471.4

Sample Name: ICV Acquired: 6/23/2017 14:51:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	.9406481	1.090161	.9607555	.9735253	.9484278	2.418221
Stddev	.0042782	.002895	.0023620	.0050670	.0025219	.006500
%RSD	.4548099	.2655715	.2458492	.5204790	.2659051	.2688012

#1	.9449517	1.091113	.9587343	.9775699	.9458906	2.423268
#2	.9405968	1.086910	.9601802	.9751644	.9509341	2.420509
#3	.9363959	1.092460	.9633520	.9678417	.9484587	2.410886

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5113109	.4910869	.4594320	10.00460	.5370743	.4652010
Stddev	.0010906	.0037511	.0011249	.02114	.0159439	.0020151
%RSD	.2132929	.7638304	.2448385	.2113119	2.968660	.4331588

#1	.5107703	.4944941	.4592499	10.02046	.5345718	.4632520
#2	.5105963	.4916993	.4584093	9.98060	.5541215	.4650750
#3	.5125662	.4870673	.4606368	10.01274	.5225297	.4672762

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5181884	5.581732	.5361957	6.043458	.4746651	.4651526
Stddev	.0017905	.031046	.0018057	.046747	.0007189	.0122551
%RSD	.3455261	.5562117	.3367611	.7735075	.1514469	2.634638

#1	.5195203	5.596970	.5378042	6.079796	.4742420	.4634259
#2	.5161530	5.546011	.5365405	6.059856	.4742581	.4781795
#3	.5188920	5.602216	.5342425	5.990722	.4754951	.4538525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.871821	.5376482	.9825550	9.797903	F -.010215	F -.012253
Stddev	.018929	.0020408	.0240796	.030830	.002489	.000984
%RSD	.1917470	.3795776	2.450717	.3146578	24.36272	8.030904

#1	9.850340	.5377030	.9744986	9.829729	-.007692	-.011507
#2	9.886058	.5355806	1.009630	9.795803	-.010284	-.013368
#3	9.879064	.5396610	.963536	9.768177	-.012668	-.011883

Sample Name: ICV Acquired: 6/23/2017 14:51:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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 -.000558	-.008688	-.003582	F .0001134	-.000132	.0009277
Stddev	.000153	.006940	.000609	.0003507	.000477	.0000737
%RSD	27.39274	79.87896	16.99204	309.2728	361.6302	7.947457
#1	-.000493	-.016471	-.002908	.0001403	.000409	.0008431
#2	-.000733	-.006444	-.003747	.0004499	-.000491	.0009611
#3	-.000449	-.003147	-.004091	-.000250	-.000314	.0009787

Elem	Sr4077
Units	ppm
Avg	.0120731
Stddev	.0000255
%RSD	.2111085
#1	.0120992
#2	.0120483
#3	.0120718

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1328.481	1927.697	50288.67	8174.389	3045.022
Stddev	33.786	6.358	1279.81	33.498	4.722
%RSD	2.543199	.3298148	2.544926	.4097979	.1550651
#1	1338.049	1925.397	50584.46	8136.393	3046.743
#2	1290.943	1922.810	48886.87	8187.114	3039.681
#3	1356.452	1934.885	51394.70	8199.661	3048.642

Sample Name: ICB Acquired: 6/23/2017 14:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	.0007208	.0008219	.0002239	.0041072	-.001550	.0022238	-.002219
Stddev	.0036264	.0021355	.0005372	.0019450	.000420	.0031648	.000128
%RSD	503.0847	259.8198	239.9121	47.35493	27.09823	142.3167	5.772545

#1	.0003787	-.000765	.0008442	.0032324	-.002026	.0052039	-.002328
#2	.0045062	-.000020	-.000097	.0027532	-.001229	-.001098	-.002078
#3	-.002722	.003250	-.000075	.0063359	-.001397	.002565	-.002252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	-.000067	.0006088	.0000770	.0000729	.0002386	.0075526
Stddev	.000012	.000036	.0034519	.0000317	.0001176	.0008652	.0059468
%RSD	23.30410	54.22180	567.0285	41.24477	161.3252	362.7012	78.73876

#1	-.000037	-.000104	.0031519	.0000409	.0001923	.0006271	.0006866
#2	-.000053	-.000031	.0019952	.0000891	.0000691	-.000753	.0110780
#3	-.000060	-.000066	-.003321	.0001008	-.000043	.000841	.0108931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000236	.0200620	-.000008	.0006802	-.112816	.0011365	.0075586
Stddev	.001129	.0060093	.000517	.0004065	.073157	.0024127	.0084423
%RSD	479.0461	29.95374	6784.507	59.76610	64.84590	212.2955	111.6912

#1	-.000487	.0180627	.000500	.0007317	-.138881	.0022617	-.001020
#2	.000998	.0153071	-.000533	.0010586	-.030196	-.001633	.015857
#3	-.001218	.0268161	.000010	.0002504	-.169370	.002781	.007839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347329	.0003371	.0003898	-.000267	-.011880	-.006381	-.000184
Stddev	.0251297	.0011904	.0006150	.000259	.012759	.000335	.000306
%RSD	72.35138	353.1387	157.7804	96.94951	107.4056	5.246976	166.2892

#1	.0141537	.0014467	-.000301	-.000021	-.026220	-.006212	.000106
#2	.0273059	.0004848	.000591	-.000244	-.001782	-.006164	-.000504
#3	.0627390	-.000920	.000879	-.000537	-.007637	-.006766	-.000154

Sample Name: ICB Acquired: 6/23/2017 14:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	.0007612	.0002121	-.000053
Stddev	.0005195	.0004107	.000011
%RSD	68.23974	193.6534	19.77314

#1	.0001767	.0006752	-.000053
#2	.0009372	-.000108	-.000043
#3	.0011699	.000069	-.000064

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.709	1920.846	51143.27	8101.880	3124.314
Stddev	4.240	13.536	94.71	79.754	32.602
%RSD	.3160287	.7046967	.1851780	.9843867	1.043488

#1	1340.392	1935.772	51057.76	8186.630	3161.770
#2	1346.451	1909.365	51245.06	8028.300	3102.322
#3	1338.284	1917.401	51127.00	8090.710	3108.850

Sample Name: ICSA Acquired: 6/23/2017 15:02:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	.0049288	-.014199	-.002984	-.030969	.0018404	248.2990
Stddev	.0013862	.001040	.001194	.000891	.0005789	.3510
%RSD	28.12352	7.322016	40.03319	2.876527	31.45696	.1413516

#1	.0043835	-.014638	-.004186	-.030403	.0015809	248.0666
#2	.0038982	-.013011	-.001797	-.030509	.0025037	248.1277
#3	.0065046	-.014946	-.002968	-.031996	.0014366	248.7028

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029938	.0008449	.0036060	248.4522	.0472609	.0022561
Stddev	.0002468	.0001583	.0003768	.6662	.0005353	.0001574
%RSD	8.243256	18.73860	10.44929	.2681321	1.132688	6.974918

#1	.0027321	.0006725	.0033042	248.8640	.0469892	.0021348
#2	.0032223	.0009837	.0034856	247.6836	.0478776	.0021994
#3	.0030271	.0008786	.0040283	248.8089	.0469160	.0024339

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231656	104.8304	.0128931	262.0813	-.000229	-.004373
Stddev	.0012045	.3063	.0010397	1.6267	.000176	.000079
%RSD	5.199533	.2921560	8.063931	.6206980	76.63859	1.807735

#1	.0240911	104.9593	.0140560	262.7786	-.000269	-.004465
#2	.0236019	104.4808	.0125699	260.2221	-.000382	-.004329
#3	.0218037	105.0512	.0120534	263.2431	-.000037	-.004326

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3365583	-.001980	.0108548	-.019679	-.012283	F -.296563
Stddev	.1149983	.002195	.0065272	.013909	.003306	.000933
%RSD	34.16890	110.8297	60.13212	70.67740	26.91149	.3147608

#1	.2346720	.000208	.0116066	-.034634	-.009928	-.296444
#2	.3137520	-.004182	.0039842	-.007131	-.016062	-.297550
#3	.4612510	-.001967	.0169736	-.017273	-.010860	-.295694

Sample Name: ICSA Acquired: 6/23/2017 15:02:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	-.000594	.0545771	-.009430	-.002807	.0003854	.0054435
Stddev	.000215	.0244372	.001469	.000891	.0005618	.0003148
%RSD	36.21036	44.77546	15.57746	31.73316	145.8004	5.783544

#1	-.000836	.0345006	-.010460	-.003007	.0007654	.0053502
#2	-.000519	.0474436	-.010082	-.003582	-.000260	.0057944
#3	-.000426	.0817873	-.007748	-.001834	.000651	.0051859

Elem	Sr4077
Units	ppm
Avg	.1037737
Stddev	.0001202
%RSD	.1157810

#1	.1037075
#2	.1037012
#3	.1039124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1238.544	1736.646	46254.17	7801.573	2400.938
Stddev	5.188	7.562	77.60	24.829	5.832
%RSD	.4189137	.4354498	.1677778	.3182570	.2428989

#1	1244.257	1729.526	46321.26	7773.051	2395.321
#2	1237.248	1744.584	46169.18	7818.351	2406.963
#3	1234.125	1735.829	46272.07	7813.319	2400.530

Sample Name: ICSAB Acquired: 6/23/2017 15:12:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	.0992034	.1041867	.0484903	.0214053	.5832191	248.1562
Stddev	.0087364	.0045727	.0049791	.0030792	.0024279	.3875
%RSD	8.806558	4.388965	10.26820	14.38538	.4163012	.1561456

#1	.0921958	.1093985	.0505527	.0213975	.5858255	248.1747
#2	.0964228	.1008474	.0521068	.0183300	.5828103	248.5341
#3	.1089917	.1023143	.0428114	.0244884	.5810215	247.7598

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5139681	.4955179	.9725150	246.4287	.5483862	.4942548
Stddev	.0003530	.0019857	.0020744	.6484	.0011600	.0008210
%RSD	.0686855	.4007330	.2133022	.2631038	.2115287	.1661083

#1	.5136953	.4973167	.9710958	247.1733	.5476048	.4941310
#2	.5138421	.4958498	.9715536	246.1236	.5478346	.4935028
#3	.5143668	.4933871	.9748957	245.9891	.5497190	.4951307

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5429070	104.1924	.5344133	261.3329	.9719537	.1857810
Stddev	.0026365	.3398	.0024844	.3061	.0010609	.0002705
%RSD	.4856304	.3261552	.4648904	.1171390	.1091497	.1455941

#1	.5430891	104.2528	.5362427	261.1484	.9708558	.1855776
#2	.5454477	104.4979	.5354123	261.6863	.9720319	.1860879
#3	.5401841	103.8263	.5315848	261.1642	.9729733	.1856774

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3066591	.5227165	.9914209	-.120112	-.022393	F -.295137
Stddev	.0903747	.0027338	.0087888	.004015	.002281	.001701
%RSD	29.47075	.5229913	.8864882	3.342946	10.18482	.5762131

#1	.2134433	.5205229	.9812726	-.115981	-.024571	-.296433
#2	.3938959	.5218475	.9964454	-.120354	-.022588	-.293211
#3	.3126381	.5257792	.9965447	-.124001	-.020022	-.295767

Sample Name: ICSAB Acquired: 6/23/2017 15:12:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) 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	-.001406	.0701859	-.008724	-.001255	.0004650	.0052672
Stddev	.000631	.0235302	.001390	.000373	.0004588	.0005591
%RSD	44.89414	33.52559	15.93719	29.68491	98.66167	10.61408

#1	-.000693	.0965841	-.008173	-.000923	.0003492	.0046217
#2	-.001635	.0625567	-.010305	-.001658	.0009705	.0055948
#3	-.001892	.0514169	-.007693	-.001185	.0000752	.0055852

Elem	Sr4077
Units	ppm
Avg	.1038894
Stddev	.0004995
%RSD	.4807504

#1	.1043613
#2	.1039407
#3	.1033664

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1215.980	1708.306	45729.46	7737.499	2371.112
Stddev	3.658	8.351	40.83	46.459	4.069
%RSD	.3007972	.4888384	.0892960	.6004415	.1716209

#1	1219.730	1698.728	45741.83	7701.395	2367.029
#2	1212.422	1712.130	45683.86	7721.187	2371.141
#3	1215.789	1714.060	45762.67	7789.914	2375.167

Sample Name: CCV066 Acquired: 6/23/2017 15:16:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.995134	4.880561	24.41081	4.899073	5.005081	412.6761
Stddev	.010608	.021620	.10246	.018448	.006879	.2245
%RSD	.2123594	.4429914	.4197142	.3765620	.1374490	.0543920

#1	5.002351	4.905299	24.49314	4.903194	5.008025	412.8059
#2	5.000097	4.871105	24.29607	4.915112	5.009999	412.8056
#3	4.982955	4.865280	24.44321	4.878913	4.997220	412.4169

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19746	.5121505	2.509672	407.5007	15.07136	2.527219
Stddev	.04700	.0027407	.009476	1.4892	.09727	.006724
%RSD	.4609364	.5351313	.3775663	.3654468	.6454149	.2660540

#1	10.18967	.5092624	2.515924	405.7841	15.09256	2.532055
#2	10.24787	.5124741	2.498770	408.4458	14.96524	2.519541
#3	10.15484	.5147150	2.514323	408.2723	15.15628	2.530061

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.98058	414.8458	15.50599	418.1022	2.463011	1.262356
Stddev	.03067	.3458	.03873	.7923	.012606	.001540
%RSD	.1919448	.0833568	.2497502	.1895058	.5118262	.1219604

#1	15.95824	414.8618	15.49704	417.8066	2.473884	1.261716
#2	16.01555	415.1832	15.54841	418.9999	2.449193	1.261239
#3	15.96795	414.4922	15.47252	417.5002	2.465958	1.264112

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	417.7489	2.559011	15.69322	160.1743	5.292535	F 4.262055
Stddev	1.1674	.004274	.07618	.3531	.005765	.015613
%RSD	.2794542	.1670252	.4854440	.2204741	.1089263	.3663293

#1	417.3177	2.561235	15.70457	159.8767	5.295392	4.244047
#2	419.0706	2.561715	15.76309	160.5645	5.296314	4.270307
#3	416.8585	2.554084	15.61200	160.0817	5.285900	4.271811

Sample Name: CCV066 Acquired: 6/23/2017 15:16:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.779311	5.114265	5.169900	4.937313	5.267614	5.353320
Stddev	.002070	.076852	.012451	.010854	.008045	.004890
%RSD	.0433125	1.502699	.2408267	.2198265	.1527295	.0913489

#1	4.780181	5.068600	5.156899	4.933510	5.258402	5.355137
#2	4.776948	5.071201	5.181715	4.928872	5.273261	5.357042
#3	4.780804	5.202993	5.171086	4.949556	5.271178	5.347781

Elem	Sr4077
Units	ppm
Avg	5.253498
Stddev	.017817
%RSD	.3391456

#1	5.266912
#2	5.260299
#3	5.233282

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1094.494	1537.823	42425.42	7390.279	2004.611
Stddev	9.449	.777	109.54	25.003	5.752
%RSD	.8632939	.0504948	.2581983	.3383279	.2869226

#1	1090.773	1537.156	42299.93	7403.448	2000.868
#2	1087.473	1537.638	42474.39	7361.443	2011.234
#3	1105.237	1538.676	42501.92	7405.945	2001.731

Sample Name: CCB066 Acquired: 6/23/2017 15:20:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001419	.0003363	.0007797	.0020809	-.001466	.0106044	-.002804
Stddev	.002924	.0008637	.0012258	.0040120	.000659	.0030810	.000378
%RSD	205.9925	256.7815	157.2219	192.7954	44.98754	29.05377	13.48414

#1	-.004552	-.000606	.0020209	.0039811	-.000748	.0133194	-.003198
#2	-.000941	.001090	.0007483	.0047898	-.001606	.0072559	-.002444
#3	.001236	.000526	-.000430	-.002528	-.002044	.0112379	-.002770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000239	-.000148	.0097772	.0001834	-.000141	.0010622	.0168991
Stddev	.0000549	.000051	.0120506	.0001782	.000389	.0007510	.0044095
%RSD	230.0049	34.05560	123.2526	97.13863	275.3917	70.69773	26.09332

#1	.0000800	-.000092	-.001929	.0002995	-.000197	.0004298	.0121715
#2	-.000030	-.000190	.022145	.0002726	.000272	.0018922	.0209005
#3	.000021	-.000162	.009116	-.000022	-.000499	.0008647	.0176252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003144	.0417847	-.000030	.0008081	-.182428	.0000090	.0100148
Stddev	.0006649	.0140311	.000327	.0000748	.070881	.0015198	.0082305
%RSD	211.4936	33.57963	1089.521	9.258043	38.85430	16830.37	82.18351

#1	.0000436	.0446475	.000026	.0007989	-.185747	.0014976	.0142484
#2	-.000172	.0265429	.000266	.0007384	-.251592	.0000695	.0005292
#3	.001072	.0541637	-.000382	.0008871	-.109946	-.001540	.0152668

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491950	-.000804	.0046153	.0000578	-.009119	-.005434	.0001587
Stddev	.0268394	.001253	.0013509	.0001944	.002280	.000681	.0008497
%RSD	54.55727	155.7945	29.26884	336.5663	25.00252	12.52373	535.4134

#1	.0761154	-.002055	.0061594	.0002305	-.011264	-.004858	-.000785
#2	.0490323	.000452	.0036520	-.000153	-.006724	-.005259	.000397
#3	.0224372	-.000810	.0040345	.000095	-.009371	-.006185	.000864

Sample Name: CCB066 Acquired: 6/23/2017 15:20:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013383	.0002262	.0000828
Stddev	.0003421	.0003424	.0000410
%RSD	25.56143	151.3373	49.53917

#1	.0014735	.0005950	.0000689
#2	.0015923	-.000082	.0000505
#3	.0009493	.000165	.0001289

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1355.450	1899.525	51625.26	8005.560	3109.156
Stddev	20.932	9.948	695.86	46.286	8.909
%RSD	1.544249	.5237164	1.347898	.5781787	.2865510

#1	1378.987	1888.078	52419.53	7953.410	3099.700
#2	1338.925	1904.409	51122.92	8021.500	3110.373
#3	1348.437	1906.086	51333.33	8041.770	3117.394

Sample Name: PB99985BL Acquired: 6/23/2017 15:25:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000586	-.000154	.0015842	.0044351	-.001318	.0020303	-.003338
Stddev	.006203	.001455	.0011221	.0020791	.001016	.0026616	.000217
%RSD	1059.479	944.6123	70.82889	46.87861	77.07686	131.0950	6.489606

#1	-.000933	-.001810	.0013762	.0044546	-.000561	-.001039	-.003565
#2	.005784	.000432	.0027958	.0065044	-.000921	.003698	-.003134
#3	-.006608	.000916	.0005807	.0023463	-.002473	.003432	-.003316

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.000094	-.003943	-.000081	.0002241	.0023764	.0122836
Stddev	.000057	.000095	.006094	.000294	.0001922	.0001078	.0008705
%RSD	206.9256	101.0671	154.5389	364.2767	85.76453	4.536156	7.086372

#1	-.000094	-.000204	.002291	-.000347	.0004430	.0024304	.0114701
#2	.000003	-.000042	-.004235	-.000130	.0000834	.0022523	.0121792
#3	.000008	-.000037	-.009885	.000235	.0001458	.0024466	.0132016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000198	.0201912	-.000003	.0007521	-.192512	-.001067	.0014129
Stddev	.000529	.0093487	.000292	.0003788	.052948	.000146	.0075666
%RSD	267.8614	46.30098	8394.465	50.36815	27.50384	13.67483	535.5445

#1	-.000500	.0235083	-.000014	.0008805	-.176093	-.001111	.0010458
#2	-.000506	.0096362	-.000291	.0003257	-.149718	-.000904	.0091564
#3	.000413	.0274290	.000294	.0010499	-.251724	-.001186	-.005964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430813	-.001563	.0007835	-.000105	-.019404	-.006019	-.000547
Stddev	.0342163	.000637	.0003580	.000309	.008327	.001196	.000871
%RSD	79.42254	40.75987	45.68480	293.9567	42.91412	19.87402	159.1087

#1	.0681418	-.000911	.0004922	-.000438	-.011398	-.007361	.000412
#2	.0040986	-.002184	.0006752	-.000049	-.018795	-.005631	-.001287
#3	.0570036	-.001595	.0011831	.000172	-.028019	-.005065	-.000766

Sample Name: PB99985BL Acquired: 6/23/2017 15:25:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015298	.0003854	-.000022
Stddev	.0002496	.0004493	.000031
%RSD	16.31752	116.5805	141.2981

#1	.0012514	.0007717	-.000057
#2	.0017337	-.000108	-.000007
#3	.0016043	.000492	-.000001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1335.191	1898.988	51144.58	7977.320	3105.289
Stddev	2.351	10.464	39.58	47.790	9.173
%RSD	.1760926	.5510206	.0773894	.5990793	.2953873

#1	1336.596	1888.685	51180.66	7922.540	3100.205
#2	1332.477	1898.673	51102.24	8010.480	3099.784
#3	1336.500	1909.605	51150.82	7998.940	3115.878

Sample Name: PB99985BS Acquired: 6/23/2017 15:29:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208789	.0644285	.0223091	.0781223	.1269579	.4357850
Stddev	.0018647	.0006693	.0017474	.0003319	.0022373	.0068819
%RSD	8.930777	1.038873	7.832808	.4247899	1.762243	1.579184

#1	.0187912	.0636578	.0218613	.0782878	.1244360	.4426685
#2	.0223787	.0647634	.0208291	.0777402	.1277337	.4357817
#3	.0214669	.0648643	.0242368	.0783389	.1287041	.4289048

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4305332	.0117368	.0103751	10.59525	.0241412	.1008031
Stddev	.0009360	.0001607	.0000964	.05139	.0002112	.0004147
%RSD	.2174049	1.369047	.9293489	.4850673	.8746700	.4113802

#1	.4300635	.0119100	.0103748	10.65447	.0243568	.1012642
#2	.4316110	.0117079	.0104717	10.56236	.0241318	.1006842
#3	.4299250	.0115925	.0102789	10.56892	.0239348	.1004607

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0579628	.2588923	.0354410	10.93508	.0825474	.0206915
Stddev	.0018820	.0027961	.0013414	.06538	.0004785	.0005805
%RSD	3.246924	1.080025	3.784745	.5978930	.5796872	2.805498

#1	.0581539	.2615634	.0351940	10.87442	.0827865	.0205851
#2	.0597420	.2591274	.0342404	11.00433	.0819965	.0201715
#3	.0559925	.2559861	.0368887	10.92648	.0828593	.0213178

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90205	.1178654	.1358077	10.11944	F .0277694	F .0225946
Stddev	.15973	.0034494	.0066403	.04618	.0014545	.0004125
%RSD	1.465177	2.926595	4.889494	.4563177	5.237941	1.825486

#1	10.73486	.1170547	.1400639	10.11603	.0292365	.0230661
#2	11.05310	.1216480	.1281563	10.16723	.0263277	.0223005
#3	10.91819	.1148936	.1392029	10.07507	.0277439	.0224172

Sample Name: PB99985BS Acquired: 6/23/2017 15:29:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226701	.6396237	.2237274	F .0139282	.2306703	.1064596
Stddev	.0000603	.0279703	.0015748	.0006888	.0020284	.0002541
%RSD	.2658082	4.372925	.7038690	4.945353	.8793421	.2386551

#1	.0227250	.6081942	.2245522	.0134490	.2308665	.1065975
#2	.0226056	.6488984	.2247184	.0136180	.2325934	.1066149
#3	.0226796	.6617785	.2219116	.0147175	.2285509	.1061664

Elem	Sr4077
Units	ppm
Avg	.2287326
Stddev	.0009309
%RSD	.4069661

#1	.2287064
#2	.2296763
#3	.2278152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.531	1867.664	50687.19	8174.653	2990.726
Stddev	7.436	10.918	60.51	32.587	4.089
%RSD	.5547420	.5845980	.1193756	.3986378	.1367372

#1	1335.177	1880.146	50703.82	8155.139	2994.926
#2	1337.393	1862.962	50620.11	8156.548	2990.495
#3	1349.022	1859.885	50737.65	8212.273	2986.757

Sample Name: I3677-01 Acquired: 6/23/2017 15:33:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0924105	-.051785	.4384620	-.099058	.0059547	176.5843
Stddev	.0012895	.003687	.0063356	.005467	.0015451	.2317
%RSD	1.395420	7.119277	1.444950	5.518668	25.94725	.1312380

#1	.0928046	-.047805	.4418451	-.094849	.0047130	176.6661
#2	.0934570	-.052468	.4423879	-.097089	.0054661	176.7640
#3	.0909699	-.055082	.4311531	-.105236	.0076850	176.3227

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.327877	.0124659	.0228695	11.57531	.2100735	.3062690
Stddev	.009883	.0000885	.0006283	.03204	.0012577	.0029707
%RSD	.4245312	.7101493	2.747377	.2768267	.5987160	.9699733

#1	2.334078	.0124100	.0235319	11.54998	.2095196	.3087434
#2	2.333073	.0124198	.0227946	11.61133	.2115131	.3070893
#3	2.316480	.0125680	.0222820	11.56461	.2091878	.3029743

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2366845	400.5388	F 64.80326	5.390982	.1636891	-.012294
Stddev	.0005920	1.3152	.27686	.023714	.0023358	.000722
%RSD	.2501123	.3283662	.4272265	.4398897	1.426958	5.872118

#1	.2372042	399.3789	64.60994	5.393558	.1656451	-.011701
#2	.2368092	400.2697	64.67943	5.413304	.1643193	-.013098
#3	.2360401	401.9678	65.12042	5.366085	.1611029	-.012083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.935067	.5714404	1.435220	5.674579	6.026100	-1.11793
Stddev	.093940	.0033055	.007448	.015247	.071893	.00537
%RSD	4.854589	.5784540	.5189665	.2686834	1.193032	.4807312

#1	2.034593	.5705710	1.439636	5.681522	6.075055	-1.11397
#2	1.847946	.5686566	1.439404	5.685119	6.059684	-1.11578
#3	1.922663	.5750938	1.426620	5.657097	5.943561	-1.12405

Sample Name: I3677-01 Acquired: 6/23/2017 15:33:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE00 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060067	3.344463	3.380066	.0223780	1.158131	.0684329
Stddev	.0001764	.054489	.018628	.0015989	.003259	.0002391
%RSD	2.937100	1.629243	.5511188	7.144991	.2813932	.3493702

#1	.0061296	3.396542	3.358667	.0209942	1.161825	.0686672
#2	.0058045	3.349001	3.392651	.0241284	1.155662	.0681893
#3	.0060859	3.287847	3.388881	.0220116	1.156907	.0684421

Elem	Sr4077
Units	ppm
Avg	.0601484
Stddev	.0001665
%RSD	.2767790

#1	.0603368
#2	.0600212
#3	.0600872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1583.680	2225.874	60618.95	10025.18	2581.947
Stddev	7.022	7.995	113.69	16.93	19.958
%RSD	.4434282	.3591652	.1875410	.1688883	.7729749

#1	1577.342	2221.327	60541.74	10032.46	2569.661
#2	1582.468	2221.191	60565.62	10037.26	2571.205
#3	1591.229	2235.105	60749.50	10005.83	2604.975

Sample Name: I3677-02 Acquired: 6/23/2017 15:37:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE00D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1002411	-.057277	.4808819	-.109683	.0063854	192.5941
Stddev	.0058738	.003220	.0053133	.002505	.0008646	.8694
%RSD	5.859696	5.622147	1.104897	2.284086	13.53984	.4514118

#1	.0953935	-.057307	.4797001	-.108870	.0065515	192.5112
#2	.1067731	-.060482	.4866865	-.112493	.0071549	193.5019
#3	.0985566	-.054042	.4762590	-.107685	.0054498	191.7691

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.550161	.0134096	.0261866	12.58138	.2284362	.3390668
Stddev	.010076	.0001390	.0001513	.06208	.0012112	.0005616
%RSD	.3951232	1.036787	.5777570	.4933946	.5302043	.1656335

#1	2.547765	.0133912	.0262932	12.54943	.2281720	.3389208
#2	2.561219	.0135570	.0262532	12.65292	.2273789	.3396869
#3	2.541499	.0132807	.0260134	12.54178	.2297576	.3385925

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2573295	432.8936	F 70.54805	5.843749	.1817486	-.012243
Stddev	.0023474	1.8236	.32430	.047080	.0007081	.000296
%RSD	.9122083	.4212680	.4596917	.8056416	.3895935	2.413999

#1	.2560016	431.7711	70.38672	5.811251	.1820327	-.012517
#2	.2600399	434.9977	70.92138	5.897740	.1822705	-.011929
#3	.2559471	431.9118	70.33605	5.822257	.1809426	-.012282

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.072384	.6228550	1.554335	6.294087	6.674457	-1.22740
Stddev	.060583	.0012807	.022590	.027491	.022813	.00971
%RSD	2.923361	.2056152	1.453361	.4367697	.3417914	.7914017

#1	2.139772	.6213809	1.528253	6.275351	6.656520	-1.21686
#2	2.054955	.6234910	1.567729	6.325646	6.700132	-1.23599
#3	2.022426	.6236933	1.567022	6.281263	6.666719	-1.22934

Sample Name: I3677-02 Acquired: 6/23/2017 15:37:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE00D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062989	3.764779	4.237366	.0243102	1.293125	.0755407
Stddev	.0001022	.011484	.029791	.0018081	.003723	.0001107
%RSD	1.621759	.3050301	.7030569	7.437394	.2879369	.1465999

#1	.0062179	3.753994	4.212457	.0251822	1.295305	.0756670
#2	.0064137	3.763491	4.270367	.0222315	1.295245	.0754949
#3	.0062652	3.776853	4.229273	.0255171	1.288826	.0754601

Elem	Sr4077
Units	ppm
Avg	.0657744
Stddev	.0001423
%RSD	.2162828

#1	.0658159
#2	.0658913
#3	.0656160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1594.667	2263.336	61397.05	10203.96	2557.207
Stddev	6.586	10.231	129.65	67.04	8.216
%RSD	.4129729	.4520466	.2111655	.6569772	.3212807

#1	1592.187	2270.681	61385.29	10207.13	2559.302
#2	1589.681	2251.650	61273.69	10135.40	2548.146
#3	1602.132	2267.678	61532.18	10269.36	2564.172

Sample Name: I3677-03 Acquired: 6/23/2017 15:41:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE00S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1492042	.0646838	.4804172	-.024962	.1564791	187.1859
Stddev	.0044627	.0023697	.0072057	.000702	.0041329	4.3410
%RSD	2.990985	3.663519	1.499889	2.810842	2.641179	2.319104

#1	.1523734	.0648172	.4721455	-.025360	.1525873	183.2756
#2	.1441007	.0669840	.4853320	-.024151	.1608169	191.8570
#3	.1511385	.0622503	.4837740	-.025374	.1560330	186.4250

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.876768	.0896972	.1146206	12.03426	.5430870	1.266465
Stddev	.127600	.0023946	.0017670	.21821	.0024476	.017260
%RSD	2.171258	2.669689	1.541575	1.813245	.4506788	1.362870

#1	5.777677	.0872097	.1128877	11.80364	.5416150	1.250340
#2	6.020746	.0919866	.1164198	12.23748	.5417336	1.284672
#3	5.831882	.0898952	.1145544	12.06166	.5459124	1.264384

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6701485	415.3979	F 68.15205	5.580558	1.106463	.0235353
Stddev	.0122976	10.0075	1.73874	.127276	.014608	.0004394
%RSD	1.835058	2.409140	2.551268	2.280700	1.320204	1.867014

#1	.6579495	405.0085	66.29827	5.437894	1.093834	.0232096
#2	.6825425	424.9738	69.74666	5.682459	1.122461	.0240350
#3	.6699534	416.2114	68.41123	5.621321	1.103094	.0233611

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.008594	1.467392	2.229346	5.988445	6.069401	-1.16725
Stddev	.046950	.034047	.015384	.176389	.077775	.02581
%RSD	2.337435	2.320212	.6900540	2.945482	1.281421	2.211386

#1	2.041364	1.432833	2.241052	5.872425	5.979595	-1.13878
#2	2.029611	1.500902	2.211922	6.191429	6.114508	-1.18913
#3	1.954808	1.468442	2.235063	5.901482	6.114101	-1.17384

Sample Name: I3677-03 Acquired: 6/23/2017 15:41:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE00S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046803	3.375317	5.864182	.0229770	1.303291	.0718817
Stddev	.0002495	.018119	.143980	.0026020	.024415	.0013567
%RSD	5.331135	.5367947	2.455251	11.32427	1.873308	1.887397

#1	.0046620	3.385004	5.710800	.0243049	1.279200	.0711372
#2	.0044404	3.386534	5.996423	.0246472	1.328017	.0734476
#3	.0049384	3.354415	5.885322	.0199790	1.302657	.0710602

Elem	Sr4077
Units	ppm
Avg	.0624894
Stddev	.0012541
%RSD	2.006872

#1	.0615363
#2	.0639101
#3	.0620219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.032	2256.650	60697.90	10035.13	2603.431
Stddev	12.329	17.105	170.05	177.01	30.721
%RSD	.7763718	.7579646	.2801595	1.763874	1.180032

#1	1573.814	2272.344	60560.68	10214.62	2631.572
#2	1595.764	2238.418	60888.15	9860.72	2570.656
#3	1594.518	2259.189	60644.87	10030.04	2608.064

Sample Name: I3677-01LX5 Acquired: 6/23/2017 15:45:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE00L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0482022	-.028320	.5190668	-.021398	-.000356	75.14363
Stddev	.0032225	.001682	.0021385	.001625	.003799	.14453
%RSD	6.685391	5.937839	.4119849	7.594285	1066.134	.1923386

#1	.0514756	-.026901	.5198922	-.023228	.001532	75.12015
#2	.0450331	-.027881	.5166386	-.020123	-.004730	75.29846
#3	.0480978	-.030177	.5206696	-.020843	.002128	75.01227

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6354218	.0053387	.3750961	210.7440	.1362394	.1141316
Stddev	.0002138	.0000495	.0011866	.7610	.0004510	.0003374
%RSD	.0336530	.9276403	.3163461	.3611112	.3310024	.2956685

#1	.6355232	.0053956	.3753381	210.5441	.1357873	.1141533
#2	.6355661	.0053052	.3738072	211.5850	.1366892	.1144577
#3	.6351761	.0053153	.3761431	210.1028	.1362418	.1137839

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8571572	155.0783	9.958878	97.02381	.0634834	.0167162
Stddev	.0027569	1.0009	.056395	.59944	.0009030	.0003482
%RSD	.3216320	.6454193	.5662739	.6178286	1.422362	2.083212

#1	.8600051	154.5447	9.936055	96.63663	.0628080	.0163562
#2	.8545014	156.2329	10.02311	97.71429	.0631332	.0167410
#3	.8569650	154.4572	9.91747	96.72051	.0645090	.0170513

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7833192	.2474806	F 42.73166	3.411580	5.122902	-.430706
Stddev	.1000850	.0046044	.20412	.006444	.046975	.001605
%RSD	12.77704	1.860514	.4776821	.1888827	.9169576	.3726014

#1	.6722901	.2425774	42.68082	3.417556	5.107874	-.429096
#2	.8110593	.2517125	42.95639	3.412431	5.085280	-.430715
#3	.8666081	.2481519	42.55776	3.404753	5.175552	-.432306

Sample Name: I3677-01LX5 Acquired: 6/23/2017 15:45:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE00L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002621	31.04266	4.270214	.0267284	.8488145	.0569893
Stddev	.000223	.14244	.004112	.0016947	.0051489	.0008486
%RSD	8.510991	.4588670	.0962834	6.340408	.6065986	1.488979

#1	-.002518	31.01252	4.274842	.0282165	.8524102	.0578239
#2	-.002876	30.91769	4.268816	.0270848	.8511170	.0570164
#3	-.002467	31.19776	4.266983	.0248838	.8429161	.0561275

Elem	Sr4077
Units	ppm
Avg	.1189438
Stddev	.0001315
%RSD	.1105865

#1	.1190524
#2	.1189814
#3	.1187975

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.712	1817.540	51335.35	8689.812	2446.708
Stddev	2.799	5.838	176.58	38.473	8.996
%RSD	.2175233	.3211909	.3439644	.4427415	.3676953

#1	1284.857	1821.979	51479.92	8677.451	2452.073
#2	1285.348	1819.714	51138.55	8659.039	2451.730
#3	1289.931	1810.927	51387.58	8732.947	2436.322

Sample Name: I3677-04 Acquired: 6/23/2017 15:49:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0870621	-.036060	.5438438	-.065743	.0034300	149.4130
Stddev	.0045893	.000983	.0039320	.004079	.0016453	.5832
%RSD	5.271282	2.724840	.7230059	6.204467	47.96582	.3903590

#1	.0880900	-.035723	.5412684	-.061653	.0048045	149.4639
#2	.0910503	-.035291	.5483698	-.069811	.0016070	148.8059
#3	.0820460	-.037167	.5418933	-.065765	.0038786	149.9691

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.045372	.0115838	.0209395	20.92532	.1873907	.3477137
Stddev	.008797	.0000096	.0000728	.07362	.0011129	.0013457
%RSD	.2888644	.0825763	.3477984	.3518002	.5938956	.3870018

#1	3.044065	.0115750	.0209283	20.88309	.1861711	.3470090
#2	3.037302	.0115940	.0210173	20.88256	.1883511	.3468667
#3	3.054750	.0115823	.0208730	21.01032	.1876500	.3492654

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1855206	263.0063	F 69.04572	6.528355	.1562344	-.006370
Stddev	.0005631	1.6876	.42930	.074244	.0004106	.000136
%RSD	.3035167	.6416529	.6217658	1.137250	.2628311	2.130652

#1	.1850978	263.0782	68.99167	6.571101	.1559206	-.006472
#2	.1853043	261.2839	68.64600	6.442626	.1566992	-.006422
#3	.1861598	264.6568	69.49949	6.571338	.1560835	-.006216

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.311038	.4309245	.8049100	5.146182	8.524902	-.741367
Stddev	.068239	.0034420	.0158601	.015255	.069943	.005653
%RSD	5.204996	.7987406	1.970419	.2964356	.8204576	.7625720

#1	1.320465	.4344348	.8199753	5.139344	8.604976	-.739625
#2	1.238575	.4275552	.7883595	5.135542	8.493986	-.736790
#3	1.374074	.4307835	.8063951	5.163660	8.475744	-.747687

Sample Name: I3677-04 Acquired: 6/23/2017 15:49:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052940	4.678866	4.005841	.0186170	1.035839	.0526563
Stddev	.0001743	.032749	.035729	.0001701	.003966	.0002294
%RSD	3.292255	.6999432	.8919206	.9136661	.3828717	.4356056

#1	.0053953	4.692865	4.006107	.0186158	1.033753	.0528897
#2	.0050927	4.641444	3.969980	.0184476	1.033351	.0524312
#3	.0053938	4.702289	4.041436	.0187877	1.040412	.0526480

Elem	Sr4077
Units	ppm
Avg	.0583798
Stddev	.0002828
%RSD	.4844753

#1	.0582308
#2	.0582027
#3	.0587060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.409	2498.737	68205.07	11339.73	2570.324
Stddev	9.360	1.533	120.74	45.48	2.060
%RSD	.5278223	.0613488	.1770215	.4010760	.0801530

#1	1763.429	2496.987	68067.02	11351.39	2570.726
#2	1781.992	2499.380	68257.29	11378.24	2572.153
#3	1774.806	2499.843	68290.92	11289.55	2568.092

Sample Name: I3677-05 Acquired: 6/23/2017 15:53:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711430	-.052698	.1510519	-.107002	.0064684	262.1488	.5837134
Stddev	.0048005	.001511	.0025067	.006372	.0020174	.1921	.0004733
%RSD	6.747623	2.867939	1.659487	5.954902	31.18921	.0732950	.0810821

#1	.0765838	-.050988	.1495722	-.101467	.0087101	262.1054	.5835369
#2	.0675044	-.053854	.1496373	-.105570	.0058961	261.9820	.5842495
#3	.0693408	-.053253	.1539461	-.113968	.0047989	262.3588	.5833536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148161	.0228227	12.38338	.2542952	.0811029	.2585257	450.3644
Stddev	.0000841	.0000465	.09011	.0003449	.0004406	.0013413	.2684
%RSD	.5676672	.2036849	.7276987	.1356166	.5432405	.5188283	.0595897

#1	.0147363	.0227813	12.45893	.2545704	.0805982	.2600166	450.6288
#2	.0149039	.0228730	12.40757	.2544067	.0813000	.2581436	450.0923
#3	.0148083	.0228137	12.28364	.2539083	.0814106	.2574169	450.3721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.211628	8.200520	.2212510	-.016275	2.167761	.5677832	.4930084
Stddev	.020607	.020577	.0003731	.000233	.097218	.0034018	.0147532
%RSD	.3954043	.2509238	.1686355	1.429285	4.484706	.5991423	2.992493

#1	5.235326	8.217551	.2210471	-.016010	2.270632	.5651056	.5072205
#2	5.201636	8.177656	.2210242	-.016374	2.077409	.5716111	.4940369
#3	5.197922	8.206354	.2216816	-.016442	2.155241	.5666330	.4777678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07393	6.039342	-1.26102	.0019211	10.22935	4.676538	.0240370
Stddev	.011170	.035082	.00676	.0004212	.02790	.031938	.0009202
%RSD	.1160973	.5808906	.5358258	21.92509	.2727197	.6829310	3.828118

#1	10.07564	6.034449	-1.26836	.0019251	10.23562	4.711443	.0236771
#2	10.08468	6.076614	-1.25964	.0023404	10.19885	4.669394	.0233512
#3	10.06147	6.006964	-1.25505	.0014980	10.25357	4.648778	.0250827

Sample Name: I3677-05 Acquired: 6/23/2017 15:53:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8728744	.1347340	.0448585
Stddev	.0024504	.0001344	.0000693
%RSD	.2807336	.0997532	.1544398

#1	.8756791	.1346850	.0449346
#2	.8717967	.1346310	.0448415
#3	.8711476	.1348860	.0447992

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.228	2111.056	57450.65	9630.767	2548.493
Stddev	11.856	6.502	86.25	37.013	4.947
%RSD	.7866016	.3079746	.1501367	.3843186	.1941225

#1	1498.576	2107.926	57434.95	9590.976	2546.866
#2	1520.742	2106.712	57543.68	9637.156	2544.564
#3	1502.366	2118.531	57373.33	9664.170	2554.049

Sample Name: I3677-06 Acquired: 6/23/2017 15:57:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526478	-.028876	.6342426	-.021750	-.000201	89.96314
Stddev	.0020858	.001570	.0014443	.002834	.001939	.22446
%RSD	3.961790	5.435916	.2277193	13.02932	962.1302	.2495055

#1	.0505457	-.030405	.6328200	-.022901	.000463	89.95815
#2	.0526807	-.028954	.6357077	-.023828	-.002385	90.19007
#3	.0547169	-.027268	.6342003	-.018522	.001318	89.74122

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8643559	.0056142	.4137254	293.2869	.1785931	.1701590
Stddev	.0003133	.0001484	.0025532	1.2957	.0021434	.0004250
%RSD	.0362415	2.642759	.6171329	.4417923	1.200179	.2497860

#1	.8645781	.0057788	.4117406	291.8902	.1784624	.1696779
#2	.8644919	.0055727	.4128298	294.4498	.1765180	.1703156
#3	.8639976	.0054909	.4166058	293.5206	.1807989	.1704835

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9068630	163.5359	15.65937	139.4369	.0902606	.0129665
Stddev	.0019349	.4126	.07362	.7537	.0006194	.0000904
%RSD	.2133609	.2523116	.4701526	.5405565	.6862792	.6969103

#1	.9090771	163.2884	15.60761	139.3203	.0896178	.0129316
#2	.9054967	164.0122	15.74366	140.2421	.0908537	.0128989
#3	.9060152	163.3070	15.62686	138.7482	.0903103	.0130692

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8772882	.2508002	F 47.49529	4.523375	5.940254	-.441194
Stddev	.1137166	.0071076	.44404	.032742	.023336	.001241
%RSD	12.96228	2.833960	.9349191	.7238390	.3928506	.2813617

#1	.8010857	.2466146	47.02103	4.531895	5.931333	-.441894
#2	.8227808	.2590067	47.90118	4.551014	5.922695	-.441928
#3	1.007998	.2467792	47.56367	4.487215	5.966735	-.439761

Sample Name: I3677-06 Acquired: 6/23/2017 15:57:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE03 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000885	38.72473	6.032887	.0320598	.9472169	.0766168
Stddev	.000140	.16659	.002049	.0018199	.0044048	.0004373
%RSD	15.78596	.4301804	.0339716	5.676518	.4650234	.5707328

#1	-.000924	38.61111	6.030620	.0311297	.9429724	.0761629
#2	-.001000	38.64713	6.034608	.0308929	.9517661	.0766522
#3	-.000729	38.91596	6.033432	.0341568	.9469123	.0770353

Elem	Sr4077
Units	ppm
Avg	.1557511
Stddev	.0001155
%RSD	.0741297

#1	.1557564
#2	.1556331
#3	.1558638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.410	1789.194	50642.82	8718.742	2340.539
Stddev	5.334	6.635	73.48	23.870	1.601
%RSD	.4191692	.3708630	.1451000	.2737798	.0683980

#1	1276.853	1783.327	50583.08	8709.970	2339.063
#2	1266.495	1787.860	50620.51	8700.499	2340.313
#3	1273.882	1796.395	50724.87	8745.757	2342.241

Sample Name: I3677-07 Acquired: 6/23/2017 16:01:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0296943	-.010198	.0958787	-.022889	.0010558	43.58491	.5738259
Stddev	.0010961	.001209	.0016700	.000363	.0014624	.07950	.0021772
%RSD	3.691193	11.85439	1.741778	1.587180	138.5107	.1824132	.3794144

#1	.0302752	-.010779	.0944386	-.023167	-.000580	43.57537	.5748469
#2	.0284300	-.011007	.0977094	-.022478	.002236	43.66875	.5753049
#3	.0303776	-.008808	.0954880	-.023023	.001511	43.51061	.5713259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031565	.0038988	2.961048	.0548981	.0640499	.0617029	103.6495
Stddev	.0001628	.0000671	.014122	.0002720	.0007622	.0003352	.3037
%RSD	5.158708	1.720156	.4769413	.4955188	1.190035	.5432359	.2930317

#1	.0031366	.0038222	2.957171	.0552122	.0638463	.0619542	103.4487
#2	.0033285	.0039467	2.949268	.0547474	.0634100	.0618322	103.9989
#3	.0030046	.0039277	2.976703	.0547348	.0648932	.0613223	103.5008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.89243	1.406200	.0348444	-.002881	.3444466	.1461668	.3622412
Stddev	.05501	.027669	.0003774	.000222	.0170425	.0019928	.0060072
%RSD	.3461101	1.967650	1.083016	7.691800	4.947781	1.363404	1.658344

#1	15.83428	1.432064	.0347520	-.003122	.3475339	.1483016	.3581336
#2	15.89941	1.377024	.0345219	-.002685	.3260715	.1443555	.3691356
#3	15.94362	1.409511	.0352595	-.002837	.3597344	.1458432	.3594542

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.431820	1.186001	-.292852	.0007821	.6533543	1.565852	.0045607
Stddev	.031764	.018478	.001214	.0003795	.0184097	.012395	.0009561
%RSD	2.218414	1.558044	.4144997	48.52203	2.817719	.7915831	20.96293

#1	1.396356	1.197661	-.291666	.0004520	.6425292	1.576820	.0034886
#2	1.457656	1.164695	-.292797	.0011967	.6429229	1.552405	.0048688
#3	1.441446	1.195646	-.294092	.0006976	.6746107	1.568331	.0053248

Sample Name: I3677-07 Acquired: 6/23/2017 16:01:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAE51 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3203635	.0170757	.0150667
Stddev	.0012489	.0002935	.0000674
%RSD	.3898521	1.718884	.4472150

#1	.3200083	.0173332	.0150629
#2	.3193306	.0171379	.0150012
#3	.3217516	.0167561	.0151358

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1378.971	1959.913	52923.68	8541.276	2878.202
Stddev	2.759	17.526	124.28	13.020	24.263
%RSD	.2000528	.8942238	.2348245	.1524413	.8430058

#1	1375.798	1961.415	52781.01	8552.601	2872.608
#2	1380.795	1976.640	52981.67	8544.177	2904.773
#3	1380.321	1941.684	53008.37	8527.050	2857.224

Sample Name: I3677-08 Acquired: 6/23/2017 16:05:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDADY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5457048	-.014399	.5196991	-.011602	.1253348	16.39926
Stddev	.0027666	.002181	.0030417	.006363	.0011149	.11858
%RSD	.5069872	15.14991	.5852758	54.84103	.8895169	.7230963

#1	.5431616	-.016853	.5217263	-.004441	.1261872	16.26439
#2	.5486507	-.013667	.5162016	-.016605	.1240732	16.48715
#3	.5453021	-.012679	.5211694	-.013760	.1257441	16.44625

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.392406	.0021435	.4789423	732.1903	6.977008	.6073651
Stddev	.005696	.0000777	.0005464	4.3335	.027033	.0011222
%RSD	.4091025	3.626037	.1140816	.5918488	.3874569	.1847595

#1	1.385849	.0020718	.4794943	727.1868	6.984157	.6071756
#2	1.395233	.0021326	.4789309	734.6384	6.999748	.6085699
#3	1.396136	.0022261	.4784017	734.7456	6.947119	.6063497

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.30540	124.3931	2.053471	347.6471	F 7.176814	.0119200
Stddev	.22704	.9502	.014012	2.0988	.009487	.0002053
%RSD	.5776228	.7638900	.6823394	.6037086	.1321941	1.722052

#1	39.05037	123.3638	2.038411	345.2806	7.172496	.0121529
#2	39.38029	125.2368	2.066123	349.2826	7.187692	.0118417
#3	39.48552	124.5789	2.055878	348.3781	7.170254	.0117654

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.016164	.2400158	1.306360	6.369923	1.805880	-.314905
Stddev	.020547	.0020251	.011141	.047453	.016804	.000680
%RSD	1.019126	.8437550	.8528607	.7449526	.9304992	.2159633

#1	2.016012	.2376835	1.318083	6.315832	1.820743	-.314773
#2	2.036786	.2410355	1.295909	6.404548	1.809250	-.315642
#3	1.995693	.2413284	1.305087	6.389387	1.787646	-.314301

Sample Name: I3677-08 Acquired: 6/23/2017 16:05:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDADY9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141025	4.831875	4.416533	.0027100	.5333252	.0427744
Stddev	.0004194	.026315	.041162	.0015382	.0023574	.0007148
%RSD	2.973873	.5446223	.9319994	56.75900	.4420218	1.671067

#1	.0136186	4.811144	4.369748	.0013770	.5311278	.0419887
#2	.0143291	4.823000	4.432668	.0043930	.5358153	.0433862
#3	.0143599	4.861480	4.447184	.0023600	.5330323	.0429483

Elem	Sr4077
Units	ppm
Avg	.4693721
Stddev	.0025464
%RSD	.5425046

#1	.4664514
#2	.4711258
#3	.4705390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1154.517	1625.073	45745.95	7995.551	2193.153
Stddev	7.627	4.951	161.52	50.392	1.469
%RSD	.6606337	.3046912	.3530739	.6302449	.0669731

#1	1146.020	1630.553	45575.34	8048.444	2191.613
#2	1156.761	1623.745	45766.02	7948.103	2194.538
#3	1160.771	1620.920	45896.50	7990.108	2193.308

Sample Name: I3677-09 Acquired: 6/23/2017 16:09:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDADZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4782013	-.023209	4.543406	-.029351	.0751939	1.887170
Stddev	.0031391	.004987	.002839	.007065	.0016244	.002286
%RSD	.6564390	21.48782	.0624893	24.07043	2.160251	.1211245

#1	.4765094	-.027888	4.540733	-.023845	.0747396	1.889573
#2	.4762710	-.023776	4.546386	-.037317	.0769971	1.885023
#3	.4818234	-.017962	4.543098	-.026890	.0738451	1.886914

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319711	.0017190	.0404603	F 1851.876	.0451604	.1182084
Stddev	.0003748	.0001174	.0003189	2.496	.0010680	.0012309
%RSD	1.172327	6.831986	.7882048	.1347635	2.364967	1.041266

#1	.0324025	.0016767	.0406661	1849.043	.0446042	.1189606
#2	.0317861	.0018517	.0400930	1852.836	.0444851	.1167880
#3	.0317248	.0016286	.0406219	1853.749	.0463917	.1188767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.194604	148.9406	4.181790	F 1116.142	.1159659	-.007229
Stddev	.001240	.1891	.007903	1.548	.0003311	.000185
%RSD	.1037978	.1269905	.1889873	.1387294	.2854916	2.563848

#1	1.195422	149.1213	4.184347	1117.922	.1162306	-.007018
#2	1.195213	148.9564	4.188098	1115.398	.1155947	-.007302
#3	1.193177	148.7440	4.172925	1115.106	.1160725	-.007367

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.108391	.3095235	3.493951	.0465621	1.662762	-.442053
Stddev	.050808	.0045926	.051291	.0079123	.033164	.002558
%RSD	4.583929	1.483755	1.467988	16.99295	1.994484	.5787492

#1	1.064664	.3059232	3.553163	.0407032	1.647079	-.439386
#2	1.096381	.3079518	3.465425	.0555627	1.640349	-.442287
#3	1.164128	.3146956	3.463265	.0434203	1.700858	-.444487

Sample Name: I3677-09 Acquired: 6/23/2017 16:09:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDADZ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0296034	2.481402	2.563024	.0036128	.0348984	.0463598
Stddev	.0006210	.079829	.013492	.0026362	.0019684	.0005599
%RSD	2.097703	3.217084	.5264224	72.96731	5.640268	1.207814

#1	.0292609	2.474705	2.547486	.0009600	.0336790	.0470051
#2	.0292290	2.405132	2.569805	.0036464	.0371692	.0460019
#3	.0303202	2.564368	2.571781	.0062320	.0338470	.0460725

Elem	Sr4077
Units	ppm
Avg	.2608191
Stddev	.0003057
%RSD	.1172189

#1	.2605633
#2	.2607363
#3	.2611577

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1061.412	1526.751	42142.40	7882.969	1823.608
Stddev	2.967	.314	142.61	6.315	1.141
%RSD	.2795525	.0205855	.3384037	.0801117	.0625683

#1	1059.391	1526.963	41980.50	7882.307	1823.955
#2	1060.027	1526.900	42197.34	7877.011	1824.536
#3	1064.819	1526.390	42249.38	7889.590	1822.334

Sample Name: PB100077BL Acquired: 6/23/2017 16:13:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020718	.0001999	-.000523	.0012869	-.001463	-.000984	-.003299
Stddev	.0010025	.0002719	.001256	.0030972	.000710	.004843	.000598
%RSD	48.38937	136.0256	240.0282	240.6764	48.54980	492.2486	18.13752

#1	.0019463	.0001841	-.000201	.0009290	-.000883	.002517	-.002632
#2	.0031312	-.000064	-.001910	.0045474	-.001251	-.006511	-.003789
#3	.0011380	.000479	.000540	-.001616	-.002256	.001043	-.003475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000078	-.000093	.0398317	-.000290	-.000221	.0019328	.0168584
Stddev	.000070	.000061	.0099889	.000086	.000120	.0001611	.0030665
%RSD	89.96389	64.92987	25.07788	29.74238	54.14539	8.332923	18.18941

#1	-.000020	-.000114	.0476749	-.000314	-.000359	.0021188	.0196604
#2	-.000059	-.000141	.0432340	-.000195	-.000150	.0018409	.0135827
#3	-.000156	-.000025	.0285860	-.000362	-.000154	.0018387	.0173321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000163	.0088586	-.000211	.0007551	-.158870	-.002178	.0069763
Stddev	.000459	.0368646	.000112	.0002089	.049343	.001108	.0014959
%RSD	282.0532	416.1429	53.28172	27.66032	31.05857	50.87146	21.44239

#1	.000210	-.027775	-.000159	.0005158	-.147817	-.003306	.0060067
#2	-.000675	.045950	-.000134	.0009007	-.115991	-.001091	.0086990
#3	-.000023	.008401	-.000340	.0008489	-.212801	-.002136	.0062230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403974	.0000500	-.005400	-.000128	-.001784	-.005914	-.000161
Stddev	.0074986	.0010859	.000499	.000265	.007438	.000596	.000838
%RSD	18.56220	2169.950	9.234799	206.1369	416.9931	10.07451	519.0170

#1	.0425205	-.000573	-.004931	-.000132	.006780	-.006397	.000733
#2	.0466055	.001304	-.005924	-.000391	-.005491	-.006098	-.000928
#3	.0320661	-.000581	-.005345	.000138	-.006640	-.005248	-.000289

Sample Name: PB100077BL Acquired: 6/23/2017 16:13:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008856	-.000483	-.000034
Stddev	.0010352	.000524	.000016
%RSD	116.8927	108.3814	47.76896

#1	.0020425	.000120	-.000020
#2	.0000470	-.000747	-.000031
#3	.0005671	-.000823	-.000052

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1330.427	1913.753	51219.29	8015.707	3123.104
Stddev	9.300	4.954	144.16	31.171	2.945
%RSD	.6990222	.2588885	.2814615	.3888728	.0942843

#1	1327.083	1908.032	51063.52	8009.280	3120.139
#2	1323.261	1916.541	51246.31	7988.250	3123.147
#3	1340.936	1916.684	51348.02	8049.590	3126.028

Sample Name: I3859-01 Acquired: 6/23/2017 16:22:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262000	-.015159	.0588399	-.031977	.0024867	99.83082	1.119779
Stddev	.0050022	.003279	.0017682	.004239	.0021214	.18299	.003916
%RSD	19.09244	21.63021	3.005076	13.25700	85.31016	.1833010	.3497401

#1	.0318414	-.012752	.0584680	-.031901	.0041297	100.0416	1.123739
#2	.0223053	-.018893	.0572872	-.036253	.0032387	99.7129	1.115908
#3	.0244533	-.013831	.0607644	-.027776	.0000917	99.7379	1.119691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062601	.0058367	13.29493	.0752573	.0925748	.1240443	153.2537
Stddev	.0002000	.0001121	.03259	.0004279	.0005716	.0009895	.2754
%RSD	3.194341	1.919929	.2451126	.5685787	.6174838	.7977243	.1797181

#1	.0062752	.0057664	13.31692	.0752730	.0922990	.1250547	153.5177
#2	.0064520	.0057777	13.31037	.0756772	.0921933	.1240012	153.2754
#3	.0060529	.0059659	13.25749	.0748218	.0932320	.1230770	152.9682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.813508	32.38936	.1375374	-.005180	1.106145	.1032091	.2931671
Stddev	.007727	.10323	.0005347	.000372	.081208	.0027638	.0115992
%RSD	.2746502	.3187286	.3887826	7.174411	7.341565	2.677823	3.956503

#1	2.818968	32.32561	.1370299	-.004752	1.014171	.1048497	.2806972
#2	2.816889	32.50846	.1374865	-.005364	1.167954	.1047595	.2951690
#3	2.804666	32.33400	.1380957	-.005423	1.136312	.1000183	.3036350

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.393644	3.994044	-.417268	-.000893	1.096815	7.458274	.0098685
Stddev	.027273	.004005	.003374	.000256	.011469	.069473	.0023781
%RSD	.2903381	.1002848	.8085859	28.70051	1.045699	.9314903	24.09829

#1	9.421281	3.992302	-.417869	-.001164	1.098970	7.537585	.0072534
#2	9.366750	3.991205	-.420301	-.000861	1.084421	7.408184	.0104505
#3	9.392901	3.998626	-.413634	-.000654	1.107054	7.429055	.0119017

Sample Name: I3859-01 Acquired: 6/23/2017 16:22:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH2TR7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.287449	.1009654	.0913310
Stddev	.014643	.0002519	.0002672
%RSD	.6401384	.2494372	.2925581

#1	2.303909	.1012214	.0916395
#2	2.275872	.1007179	.0911802
#3	2.282564	.1009570	.0911733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.336	1926.855	52630.66	8632.199	2725.686
Stddev	2.605	10.758	8.50	38.339	6.280
%RSD	.1910430	.5583223	.0161527	.4441425	.2304015

#1	1360.701	1914.445	52640.39	8611.615	2718.893
#2	1365.910	1933.529	52624.68	8608.548	2731.280
#3	1363.396	1932.592	52626.92	8676.434	2726.886

Sample Name: I3859-02 Acquired: 6/23/2017 16:26:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251992	-.013848	.0598600	-.034282	.0027073	99.80952	1.115372
Stddev	.0039533	.000061	.0011803	.001281	.0006231	.05669	.003969
%RSD	15.68807	.4386001	1.971855	3.736495	23.01446	.0568015	.3558469

#1	.0240908	-.013828	.0596113	-.035347	.0023952	99.79688	1.118920
#2	.0219184	-.013801	.0611449	-.034639	.0023018	99.76022	1.111086
#3	.0295883	-.013917	.0588238	-.032861	.0034247	99.87147	1.116111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062527	.0058693	13.26734	.0746278	.0921225	.1239487	154.2393
Stddev	.0001121	.0001097	.12015	.0005968	.0005468	.0024608	.2069
%RSD	1.792207	1.868774	.9055741	.7997541	.5935090	1.985351	.1341174

#1	.0061517	.0057616	13.14078	.0752320	.0918173	.1212600	154.0131
#2	.0063733	.0058655	13.28141	.0740386	.0917965	.1244967	154.2859
#3	.0062331	.0059809	13.37983	.0746128	.0927537	.1260893	154.4188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.826894	32.66691	.1374654	-.004735	1.119665	.1069604	.2945679
Stddev	.004004	.03903	.0010372	.000122	.063684	.0020956	.0046521
%RSD	.1416521	.1194692	.7545156	2.584319	5.687797	1.959230	1.579297

#1	2.822842	32.70077	.1379168	-.004684	1.058813	.1087308	.2899718
#2	2.826992	32.62423	.1362790	-.004874	1.185847	.1075037	.2992741
#3	2.830848	32.67572	.1382005	-.004646	1.114335	.1046466	.2944576

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.386448	4.012078	-.424348	-.001079	1.088447	7.491093	.0102487
Stddev	.026073	.034290	.003395	.000186	.017232	.072571	.0007707
%RSD	.2777700	.8546772	.7999710	17.26968	1.583163	.9687644	7.519504

#1	9.416413	4.024454	-.420702	-.001015	1.107956	7.556139	.0094976
#2	9.373985	3.973318	-.424926	-.000933	1.082082	7.504324	.0110376
#3	9.368945	4.038463	-.427417	-.001289	1.075303	7.412817	.0102111

Sample Name: I3859-02 Acquired: 6/23/2017 16:26:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH2TR7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.293768	.0994184	.0911730
Stddev	.007309	.0006951	.0002140
%RSD	.3186554	.6991153	.2346600

#1	2.286366	.1000266	.0909626
#2	2.293957	.0986608	.0911661
#3	2.300981	.0995678	.0913903

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1362.471	1915.759	52583.45	8607.403	2722.833
Stddev	10.777	5.336	13.66	2.959	8.007
%RSD	.7909591	.2785063	.0259802	.0343821	.2940518

#1	1350.040	1909.692	52572.54	8606.833	2713.780
#2	1369.172	1917.864	52598.77	8604.769	2725.739
#3	1368.201	1919.721	52579.05	8610.605	2728.981

Sample Name: I3859-03 Acquired: 6/23/2017 16:30:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910158	.1141872	.0948822	.0586417	.1850907	100.7367	5.135347
Stddev	.0008875	.0006253	.0011887	.0031386	.0007008	.2961	.020113
%RSD	.9751275	.5475873	1.252784	5.352154	.3786387	.2939617	.3916529

#1	.0918844	.1134897	.0958649	.0605263	.1850409	101.0782	5.158321
#2	.0901105	.1146974	.0935610	.0603802	.1858151	100.5512	5.126805
#3	.0910527	.1143745	.0952206	.0550185	.1844161	100.5806	5.120914

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972885	.0976879	12.91847	.4637814	1.058144	.6195684	152.1576
Stddev	.0006162	.0005232	.05673	.0026379	.007087	.0020343	.2612
%RSD	.6333985	.5355302	.4391260	.5687737	.6697403	.3283342	.1716492

#1	.0972787	.0981273	12.91100	.4660160	1.062937	.6217164	151.8638
#2	.0979096	.0978272	12.97856	.4644567	1.061491	.6193179	152.2456
#3	.0966773	.0971092	12.86584	.4608715	1.050004	.6176711	152.3635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.771151	31.70866	1.091973	.0361029	1.200280	1.122950	1.182459
Stddev	.007183	.13980	.008435	.0004641	.095144	.005984	.022346
%RSD	.1904612	.4408805	.7724649	1.285487	7.926847	.5328955	1.889816

#1	3.777284	31.80771	1.098358	.0365104	1.302907	1.120479	1.203722
#2	3.763250	31.54875	1.095151	.0355978	1.182924	1.118598	1.159168
#3	3.772919	31.76953	1.082411	.0362006	1.115008	1.129774	1.184487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.087654	3.777627	-.410718	-.001213	1.023460	6.930236	.0102127
Stddev	.057822	.030911	.002312	.000525	.010995	.158192	.0012811
%RSD	.6362695	.8182741	.5630366	43.29619	1.074299	2.282640	12.54385

#1	9.151262	3.802869	-.413336	-.000782	1.033523	7.087129	.0116202
#2	9.073426	3.786861	-.409861	-.001798	1.025131	6.932804	.0091148
#3	9.038275	3.743151	-.408956	-.001060	1.011725	6.770776	.0099033

Sample Name: I3859-03 Acquired: 6/23/2017 16:30:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH2TR7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.216293	.0966308	.0885979
Stddev	.018896	.0010054	.0003731
%RSD	.8525926	1.040470	.4211415

#1	2.234378	.0977886	.0890197
#2	2.196679	.0959779	.0884631
#3	2.217821	.0961257	.0883109

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1378.816	1929.543	52651.37	8650.677	2726.644
Stddev	7.116	12.049	351.71	31.442	18.080
%RSD	.5161249	.6244732	.6679993	.3634654	.6630983

#1	1371.081	1922.027	52249.95	8623.255	2714.981
#2	1385.086	1923.160	52798.71	8643.781	2717.479
#3	1380.282	1943.441	52905.45	8684.995	2747.471

Sample Name: I3859-01LX5 Acquired: 6/23/2017 16:34:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100972	-.002132	.0117568	-.005544	-.000516	20.70485	.2314789
Stddev	.0014452	.000763	.0008831	.001426	.000696	.05438	.0012630
%RSD	14.31272	35.76644	7.511281	25.73041	134.7734	.2626421	.5456236

#1	.0091040	-.002734	.0107653	-.006912	-.000947	20.76035	.2329346
#2	.0117551	-.002387	.0120464	-.005654	-.000888	20.65167	.2308285
#3	.0094324	-.001275	.0124588	-.004065	.000286	20.70254	.2306737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013505	.0009537	2.834889	.0161506	.0180738	.0266424	33.12776
Stddev	.0000531	.0001133	.020840	.0002756	.0002412	.0014344	.02178
%RSD	3.930211	11.87620	.7351212	1.706182	1.334406	5.383766	.0657513

#1	.0012954	.0010616	2.841054	.0162334	.0179284	.0273901	33.13275
#2	.0013547	.0009638	2.811662	.0158431	.0179408	.0249886	33.10391
#3	.0014013	.0008357	2.851951	.0163752	.0183522	.0275484	33.14661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6032281	6.841735	.0271346	-.000572	.1203680	.0232663	.0642471
Stddev	.0039128	.093087	.0001719	.000168	.0910483	.0016185	.0043721
%RSD	.6486462	1.360570	.6335608	29.29098	75.64161	6.956250	6.805195

#1	.6035607	6.847218	.0272306	-.000654	.2001277	.0228174	.0617723
#2	.5991596	6.746029	.0272370	-.000380	.0211705	.0219197	.0692953
#3	.6069640	6.931959	.0269361	-.000683	.1398056	.0250619	.0616737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.959205	.7609514	-.096152	-.000730	.1917402	1.582574	.0018450
Stddev	.015040	.0035904	.000148	.000038	.0042712	.035968	.0004387
%RSD	.7676463	.4718280	.1542090	5.143365	2.227621	2.272740	23.77629

#1	1.976511	.7579262	-.096072	-.000688	.1934169	1.557442	.0021443
#2	1.949298	.7649190	-.096061	-.000738	.1868850	1.623775	.0020492
#3	1.951807	.7600091	-.096324	-.000762	.1949187	1.566504	.0013414

Sample Name: I3859-01LX5 Acquired: 6/23/2017 16:34:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4823511	.0201680	.0191323
Stddev	.0040058	.0002174	.0001199
%RSD	.8304751	1.077703	.6264328

#1	.4869213	.0203049	.0192652
#2	.4794484	.0202817	.0190994
#3	.4806835	.0199174	.0190324

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1343.634	1910.613	51333.01	8155.582	2976.423
Stddev	15.154	4.426	256.04	6.189	7.249
%RSD	1.127849	.2316356	.4987746	.0758904	.2435432

#1	1326.324	1906.043	51060.27	8149.312	2970.580
#2	1350.070	1910.919	51370.59	8161.687	2974.155
#3	1354.507	1914.878	51568.18	8155.745	2984.535

Sample Name: I3859-04 Acquired: 6/23/2017 16:38:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360938	-.015513	.0586973	-.031022	.0045929	77.39982	.8572136
Stddev	.0036487	.002073	.0015280	.006613	.0014010	.20011	.0027421
%RSD	10.10903	13.36161	2.603241	21.31901	30.50238	.2585390	.3198814

#1	.0321484	-.014814	.0581991	-.035240	.0029882	77.41916	.8562292
#2	.0367866	-.013880	.0574805	-.023399	.0055723	77.58955	.8603120
#3	.0393465	-.017845	.0604122	-.034425	.0052182	77.19074	.8550997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064981	.0059216	11.01489	.0770477	.1328106	.1427397	144.7799
Stddev	.0000224	.0001520	.01782	.0002971	.0002324	.0010323	.3172
%RSD	.3443914	2.566577	.1617788	.3856354	.1749880	.7232244	.2190892

#1	.0065214	.0060946	11.00050	.0768673	.1330680	.1416253	144.9685
#2	.0064768	.0058605	11.00936	.0768852	.1326163	.1436634	144.9576
#3	.0064961	.0058096	11.03482	.0773907	.1327474	.1429303	144.4137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.065294	25.95276	.1566995	-.003857	1.027561	.0916715	.2477927
Stddev	.008322	.04415	.0001957	.000335	.155279	.0008091	.0110997
%RSD	.2714916	.1701287	.1248637	8.685934	15.11144	.8826204	4.479442

#1	3.068541	25.97276	.1568642	-.003666	1.075682	.0913814	.2368590
#2	3.055838	25.90215	.1564832	-.003661	.853918	.0910473	.2474679
#3	3.071504	25.98338	.1567512	-.004244	1.153083	.0925856	.2590513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.060657	3.193245	-.396105	.0001701	.9086226	5.081858	.0082566
Stddev	.070313	.009259	.002194	.0001707	.0061361	.019151	.0011595
%RSD	.9958479	.2899534	.5539324	100.3326	.6753227	.3768559	14.04363

#1	7.094072	3.202496	-.393589	.0002131	.9153085	5.085167	.0070786
#2	7.108032	3.193261	-.397103	.0003152	.9073112	5.061268	.0093967
#3	6.979867	3.183978	-.397622	-.000018	.9032482	5.099139	.0082946

Sample Name: I3859-04 Acquired: 6/23/2017 16:38:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.818201	.0806801	.0706732
Stddev	.005998	.0002104	.0000751
%RSD	.3298833	.2607413	.1062086

#1	1.812915	.0807352	.0707599
#2	1.816969	.0808573	.0706288
#3	1.824719	.0804476	.0706310

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.495	1965.862	53354.45	8738.274	2776.933
Stddev	3.743	4.938	168.33	33.346	13.432
%RSD	.2705254	.2511775	.3155019	.3816096	.4837123

#1	1380.182	1960.945	53195.31	8703.139	2764.536
#2	1382.747	1965.821	53337.36	8742.197	2775.061
#3	1387.555	1970.821	53530.68	8769.484	2791.204

Sample Name: PB100077BS Acquired: 6/23/2017 16:42:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228666	.0623877	.0221533	.0740290	.1233366	.4206955
Stddev	.0037159	.0017566	.0013392	.0027784	.0008038	.0055123
%RSD	16.25029	2.815559	6.045291	3.753050	.6517064	1.310273

#1	.0266626	.0635055	.0225895	.0748275	.1232767	.4210270
#2	.0227011	.0632946	.0232200	.0763207	.1241686	.4260345
#3	.0192363	.0603631	.0206503	.0709388	.1225644	.4150250

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4242707	.0113949	.0102140	10.40848	.0236342	.0984540
Stddev	.0054310	.0001743	.0001865	.13332	.0004614	.0005998
%RSD	1.280089	1.529194	1.825985	1.280849	1.952282	.6091707

#1	.4267782	.0115649	.0104262	10.52122	.0235509	.0990912
#2	.4279949	.0114031	.0101400	10.44288	.0241315	.0983703
#3	.4180389	.0112167	.0100760	10.26133	.0232201	.0979005

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0580719	.2586689	.0335326	10.62909	.0811142	.0205379
Stddev	.0006553	.0082890	.0004929	.14866	.0005115	.0002016
%RSD	1.128426	3.204468	1.469831	1.398643	.6306474	.9815871

#1	.0587144	.2585589	.0335870	10.73979	.0816783	.0206892
#2	.0580968	.2670123	.0339960	10.68735	.0809840	.0203091
#3	.0574045	.2504355	.0330148	10.46011	.0806803	.0206155

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69404	.1146345	.1291401	9.992586	.0258444	F .0183533
Stddev	.21307	.0032494	.0120421	.133504	.0005078	.0000950
%RSD	1.992461	2.834564	9.324838	1.336035	1.964765	.5176220

#1	10.90598	.1183755	.1430405	10.10194	.0257162	.0184563
#2	10.69628	.1125143	.1225007	10.03201	.0264039	.0182692
#3	10.47985	.1130137	.1218791	9.84381	.0254129	.0183344

Sample Name: PB100077BS Acquired: 6/23/2017 16:42:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218984	.6257723	.2238610	F .0125539	.2272352	.1055730
Stddev	.0001858	.0038616	.0017866	.0010351	.0029708	.0009231
%RSD	.8484743	.6170958	.7980604	8.245081	1.307375	.8743875

#1	.0216862	.6249376	.2234988	.0113728	.2296101	.1061292
#2	.0220317	.6299830	.2258009	.0133029	.2281914	.1060823
#3	.0219775	.6223962	.2222834	.0129861	.2239040	.1045074

Elem	Sr4077
Units	ppm
Avg	.2259538
Stddev	.0027367
%RSD	1.211186

#1	.2280845
#2	.2269096
#3	.2228674

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.336	1896.315	50920.58	8202.496	3025.028
Stddev	5.299	13.181	220.24	79.790	23.980
%RSD	.3962714	.6950841	.4325113	.9727506	.7927342

#1	1338.691	1885.015	50827.18	8123.557	3003.374
#2	1331.490	1893.134	50762.43	8200.820	3020.910
#3	1341.826	1910.795	51172.12	8283.110	3050.802

Sample Name: I3770-03A Acquired: 6/23/2017 16:57:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4X33A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019443	.0508123	.0020954	.0016944	-.002489	.0320541	.0134661
Stddev	.0025538	.0015965	.0009615	.0035795	.000821	.0037979	.0002446
%RSD	131.3465	3.141942	45.88531	211.2508	32.98727	11.84838	1.816589

#1	.0046386	.0509455	.0023876	-.000759	-.003296	.0278580	.0133758
#2	.0016353	.0523380	.0010217	.005802	-.002515	.0330483	.0137430
#3	-.000441	.0491534	.0028768	.000040	-.001655	.0352560	.0132794

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	-.000086	132.6709	.0002414	-.001203	.0031063	.3439631
Stddev	.000101	.000160	.7250	.0009804	.000193	.0020648	.0057042
%RSD	272.9661	187.4158	.5464679	406.1368	16.05650	66.46944	1.658371

#1	.000046	-.000095	132.2211	-.000473	-.001029	.0054876	.3398028
#2	-.000149	-.000241	132.2843	-.000162	-.001169	.0020176	.3504656
#3	-.000008	.000079	133.5073	.001359	-.001411	.0018138	.3416210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102702	18.38884	.0021880	.0005565	27.59810	.0052937	.0290272
Stddev	.0017356	.10505	.0002482	.0001440	.15961	.0016178	.0041792
%RSD	1.573954	.5712466	11.34261	25.87103	.5783407	30.56035	14.39772

#1	.1084469	18.29678	.0019190	.0005462	27.45072	.0035696	.0247643
#2	.1104614	18.36646	.0022370	.0007053	27.57596	.0055329	.0291998
#3	.1119022	18.50327	.0024080	.0004180	27.76763	.0067785	.0331174

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.889369	.0228387	.1100158	.0012602	152.5816	7.416626	-.004555
Stddev	.054499	.0018758	.0018016	.0002221	.0532	.052843	.000565
%RSD	.7910636	8.213267	1.637570	17.62256	.0348507	.7124951	12.40353

#1	6.865763	.0239146	.1100241	.0012991	152.6022	7.424226	-.005136
#2	6.850651	.0239288	.1082101	.0010212	152.6213	7.360394	-.004008
#3	6.951691	.0206727	.1118133	.0014602	152.5212	7.465257	-.004522

Sample Name: I3770-03A Acquired: 6/23/2017 16:57:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4X33A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001445	.0046338	.6696746
Stddev	.000444	.0002020	.0051835
%RSD	30.70923	4.358433	.7740378

#1	-.001492	.0048603	.6662715
#2	-.001864	.0045686	.6671119
#3	-.000980	.0044725	.6756403

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1179.658	1732.776	45838.29	7893.511	2712.035
Stddev	57.435	10.424	2072.86	60.672	14.524
%RSD	4.868805	.6015578	4.522113	.7686323	.5355437

#1	1114.862	1729.786	43489.74	7930.227	2707.121
#2	1224.298	1744.367	47412.53	7926.826	2728.378
#3	1199.816	1724.173	46612.60	7823.481	2700.605

Sample Name: CCV067 Acquired: 6/23/2017 17:05:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923380	4.807304	23.73973	4.848561	4.948304	404.9847
Stddev	.001852	.024575	.02817	.025101	.017929	.9162
%RSD	.0376097	.5112061	.1186715	.5177013	.3623340	.2262200

#1	4.923184	4.820585	23.74543	4.874325	4.966400	405.9833
#2	4.921635	4.778946	23.70914	4.824180	4.930546	404.7878
#3	4.925322	4.822380	23.76462	4.847177	4.947966	404.1830

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12598	.4889858	2.411822	395.6844	14.57015	2.452267
Stddev	.06497	.0022729	.004314	.4712	.10273	.003114
%RSD	.6416094	.4648258	.1788664	.1190784	.7050446	.1269659

#1	10.12497	.4915998	2.408789	396.1387	14.48491	2.451866
#2	10.19144	.4874751	2.409917	395.7164	14.68421	2.449373
#3	10.06152	.4878826	2.416761	395.1980	14.54134	2.455561

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.77217	398.3313	14.88112	402.9424	2.390385	1.237273
Stddev	.02973	1.4543	.04415	1.5991	.003082	.011838
%RSD	.1884794	.3651081	.2966775	.3968439	.1289174	.9568068

#1	15.78450	400.0100	14.92325	404.6158	2.392650	1.227190
#2	15.79375	397.4531	14.83519	401.4298	2.386876	1.250308
#3	15.73826	397.5307	14.88491	402.7816	2.391630	1.234321

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	411.4012	2.469520	15.12078	158.5570	5.312539	F 4.094340
Stddev	.9046	.015926	.24579	.2931	.023694	.017792
%RSD	.2198771	.6449091	1.625524	.1848534	.4459982	.4345448

#1	412.3537	2.481894	14.92432	158.7463	5.323069	4.114589
#2	410.5537	2.451551	15.39640	158.7052	5.285406	4.087221
#3	411.2963	2.475115	15.04163	158.2194	5.329143	4.081210

Sample Name: CCV067 Acquired: 6/23/2017 17:05:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.685415	5.034528	4.997069	4.792112	5.158725	5.356667
Stddev	.016505	.039272	.022210	.008263	.014511	.021936
%RSD	.3522571	.7800625	.4444681	.1724207	.2812915	.4095149

#1	4.694781	4.992448	5.022481	4.794935	5.165064	5.349097
#2	4.666358	5.040931	4.987359	4.782808	5.168988	5.381386
#3	4.695107	5.070206	4.981367	4.798593	5.142123	5.339518

Elem	Sr4077
Units	ppm
Avg	5.131769
Stddev	.027587
%RSD	.5375687

#1	5.138836
#2	5.101336
#3	5.155134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1068.819	1526.008	42191.20	7442.622	2001.328
Stddev	13.247	5.792	431.49	36.480	4.712
%RSD	1.239447	.3795628	1.022699	.4901483	.2354392

#1	1077.017	1519.383	42398.87	7400.840	1995.891
#2	1053.536	1530.115	41695.14	7458.885	2004.213
#3	1075.905	1528.527	42479.59	7468.143	2003.881

Sample Name: CCB067 Acquired: 6/23/2017 17:09:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001261	-.000327	.0009943	.0007220	-.001511	.0082134	-.003194
Stddev	.002408	.001350	.0003551	.0022586	.000200	.0041052	.000482
%RSD	191.0010	412.4658	35.71664	312.8441	13.22253	49.98196	15.10167

#1	-.002804	-.000347	.0008490	-.001786	-.001445	.0127011	-.002778
#2	.001514	.001032	.0007348	.002597	-.001353	.0046474	-.003723
#3	-.002493	-.001667	.0013990	.001355	-.001736	.0072917	-.003082

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000074	-.000015	.0050188	-.000044	.0001316	.0021813	.0060495
Stddev	.000051	.000093	.0080180	.000531	.0002054	.0007015	.0034745
%RSD	68.52567	599.9997	159.7605	1193.578	156.1225	32.16098	57.43473

#1	-.000040	-.000098	.0100362	-.000574	-.000020	.0021956	.0059932
#2	-.000050	-.000033	.0092487	.000488	.000365	.0028756	.0026035
#3	-.000133	.000085	-.004228	-.000048	.000049	.0014727	.0095518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000424	.0306528	.0002445	.0006184	-.034695	-.001577	-.000499
Stddev	.0000877	.0050729	.0002444	.0002394	.152544	.003084	.005721
%RSD	206.9800	16.54954	99.93442	38.71838	439.6696	195.5423	1146.852

#1	-.000045	.0256164	.0005171	.0008946	.117935	-.001975	.003191
#2	.000042	.0305806	.0001714	.0004706	-.187152	.001686	.002402
#3	.000130	.0357615	.0000451	.0004900	-.034869	-.004443	-.007089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583007	-.001820	.0022889	.0000142	.0103415	-.006183	.0003430
Stddev	.0120127	.001325	.0013703	.0001476	.0045079	.000576	.0006251
%RSD	20.60476	72.79572	59.86563	1036.858	43.58997	9.313920	182.2355

#1	.0518451	-.003296	.0034150	-.000107	.0093738	-.006539	-.000210
#2	.0508960	-.000735	.0026884	-.000028	.0063961	-.006492	.000218
#3	.0721610	-.001428	.0007633	.000178	.0152547	-.005519	.001021

Sample Name: CCB067 Acquired: 6/23/2017 17:09:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v40) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011932	.0002675	.0000177
Stddev	.0002673	.0003395	.0000176
%RSD	22.40060	126.8973	99.58392

#1	.0014638	.0006571	.0000187
#2	.0009294	.0001105	.0000348
#3	.0011863	.0000350	-.000000

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1316.996	1882.152	50946.70	7997.943	3084.480
Stddev	10.850	2.623	57.95	36.326	9.290
%RSD	.8238434	.1393760	.1137496	.4541900	.3011759

#1	1322.842	1884.992	50879.86	7990.160	3094.566
#2	1323.670	1881.646	50982.94	7966.140	3082.599
#3	1304.477	1879.819	50977.29	8037.530	3076.274