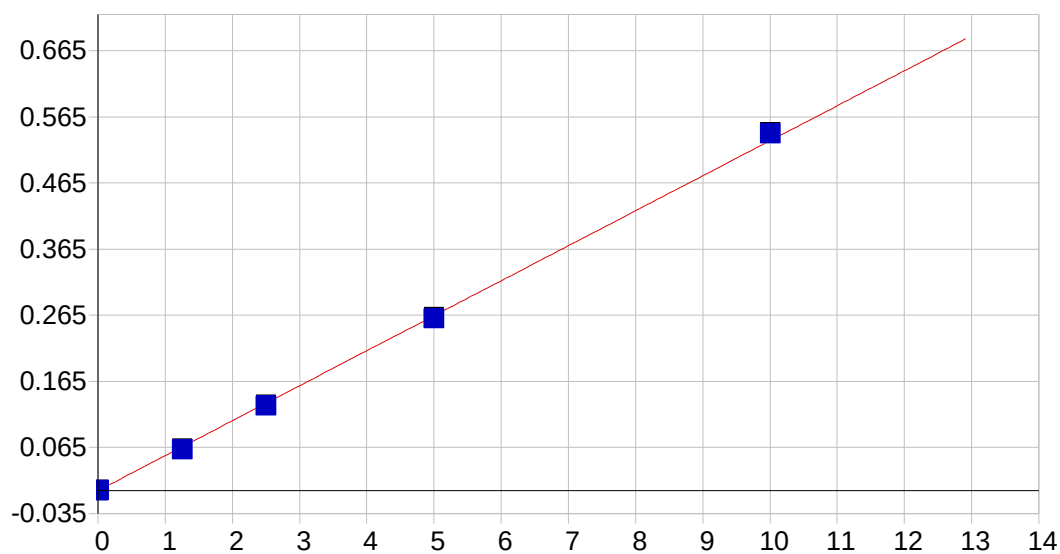


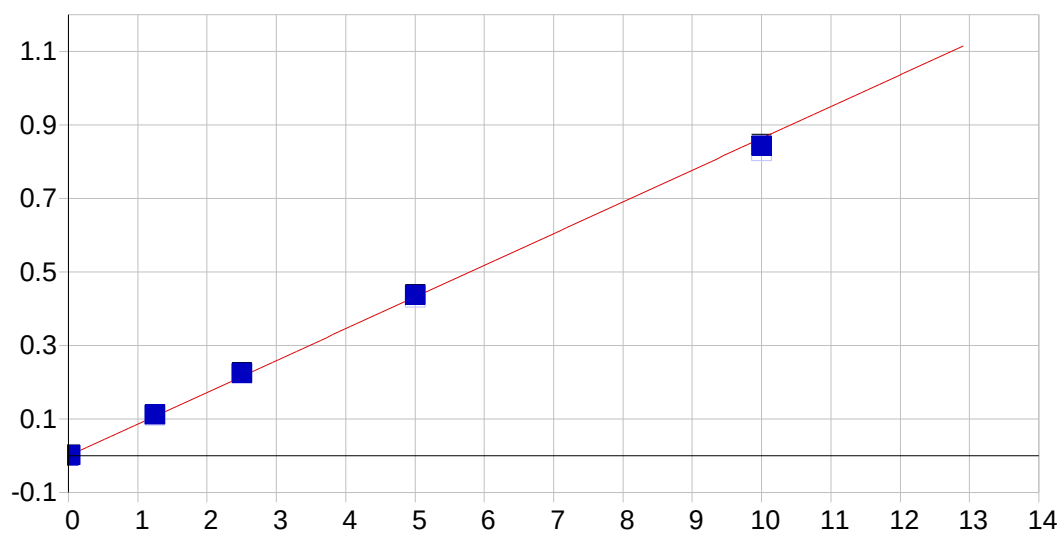


As 189.042 {479}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.052927 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999695 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002686
 Predicted MQL: 0.008952

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01000	.01132	.001	13.2	.00035	.000	1
S2	1.2500	1.1815	-.068	-5.48	.06226	.000	1
S3	2.5000	2.4328	-.067	-2.69	.12847	.000	1
S4	5.0000	4.9219	-.078	-1.56	.26017	.002	1
S5	10.000	10.212	.212	2.12	.54010	.002	1

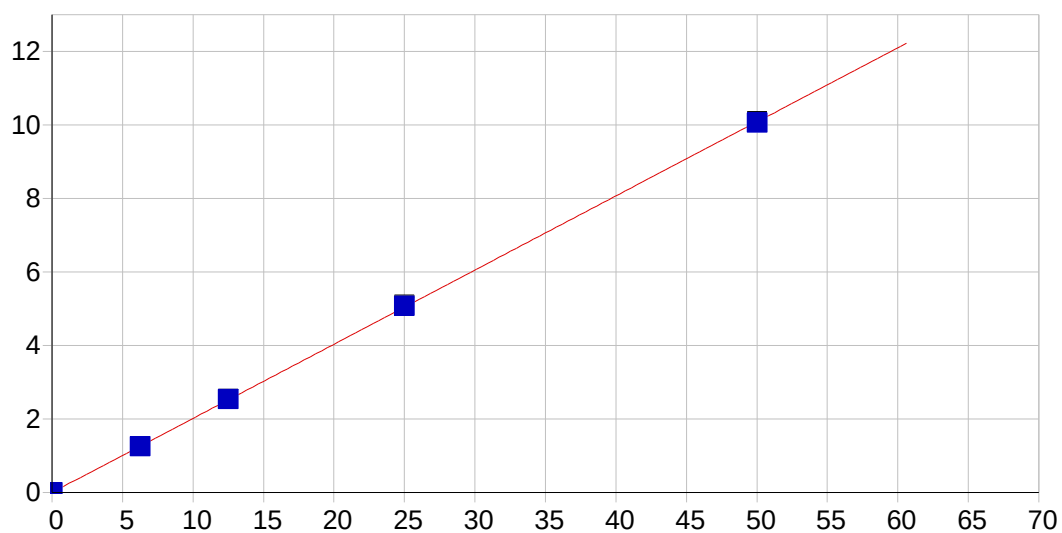


TI 190.856 {477}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000248 Re-Slope: 1.000000
 A1 (Gain): 0.086373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999630 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.001377
 Predicted MQL: 0.004589

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.02500	.02770	.003	10.8	.00196	.000	1
S2	1.2500	1.2950	.045	3.60	.10964	.000	1
S3	2.5000	2.6159	.116	4.64	.22177	.001	1
S4	5.0000	5.0658	.066	1.32	.42946	.002	1
S5	10.000	9.7708	-.229	-2.29	.82799	.004	1

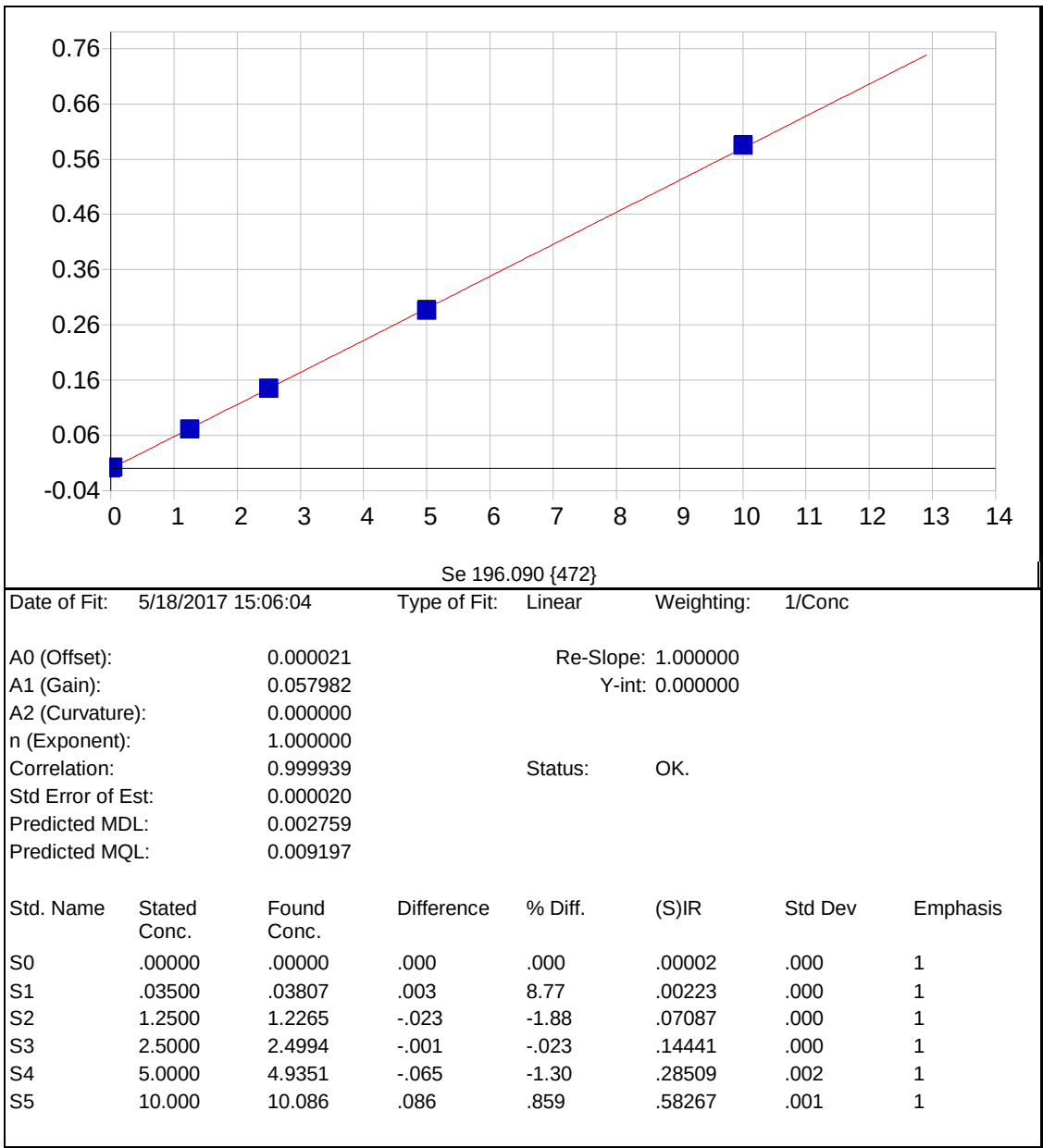


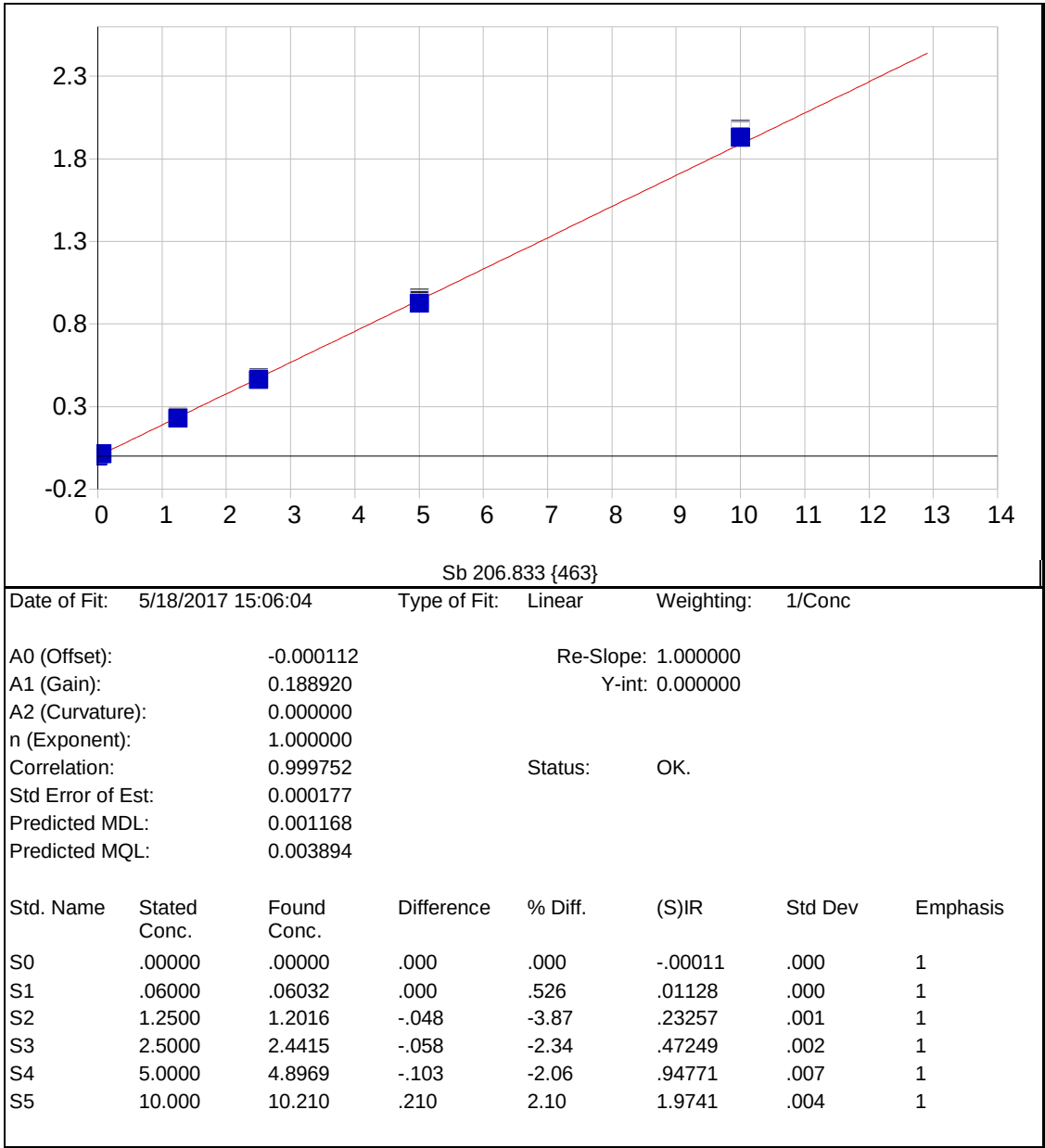
Pb 220.353 {453}

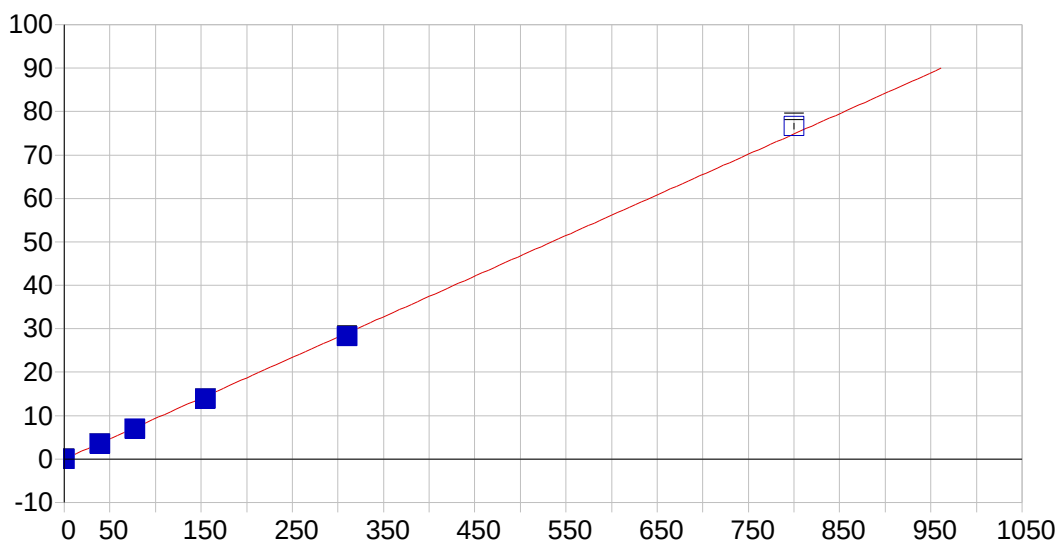
Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000224 Re-Slope: 1.000000
 A1 (Gain): 0.201707 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.001251
 Predicted MQL: 0.004169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.01004	.000	.405	.00225	.000	1
S2	6.2500	6.1813	-.069	-1.10	1.2474	.001	1
S3	12.500	12.561	.061	.491	2.5347	.005	1
S4	25.000	25.138	.138	.552	5.0722	.025	1
S5	50.000	49.869	-.131	-.262	10.062	.030	1





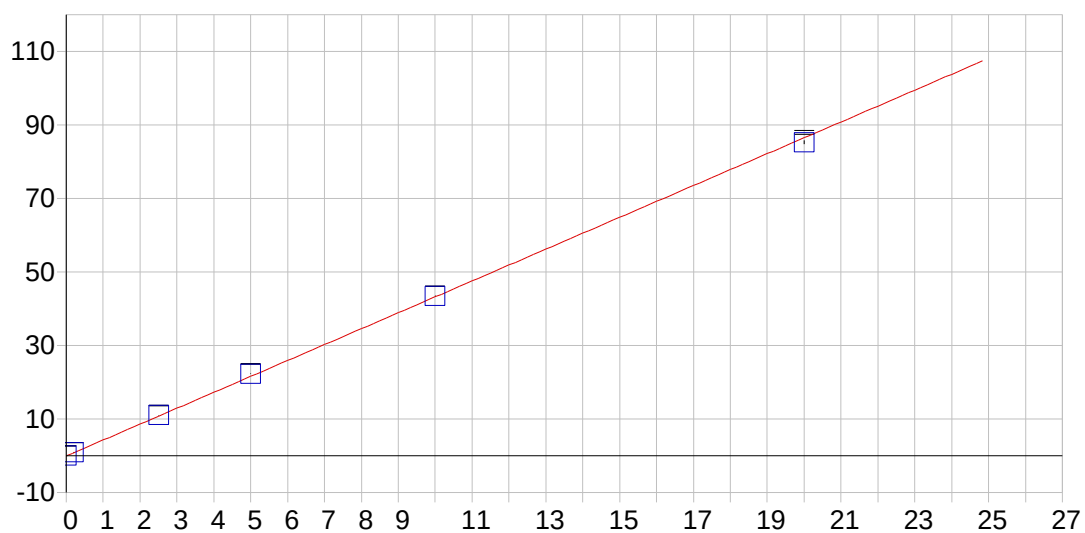


AI 396.152 { 85}

Date of Fit: 5/18/2017 15:10:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000288 Re-Slope: 1.000000
 A1 (Gain): 0.093563 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999572 Status: OK.
 Std Error of Est: 0.001702
 Predicted MDL: 0.008326
 Predicted MQL: 0.027753

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00029	.001	1
S1	.20000	.20248	.002	1.24	.01927	.001	1
S2	38.750	36.917	-1.83	-4.73	3.4587	.003	1
S3	77.500	74.588	-2.91	-3.76	6.9877	.001	1
S4	155.00	148.10	-6.90	-4.45	13.874	.056	1
S5	310.00	302.09	-7.91	-2.55	28.300	.047	1
S6	800.00	819.57	19.6	2.45	76.682	.753	1

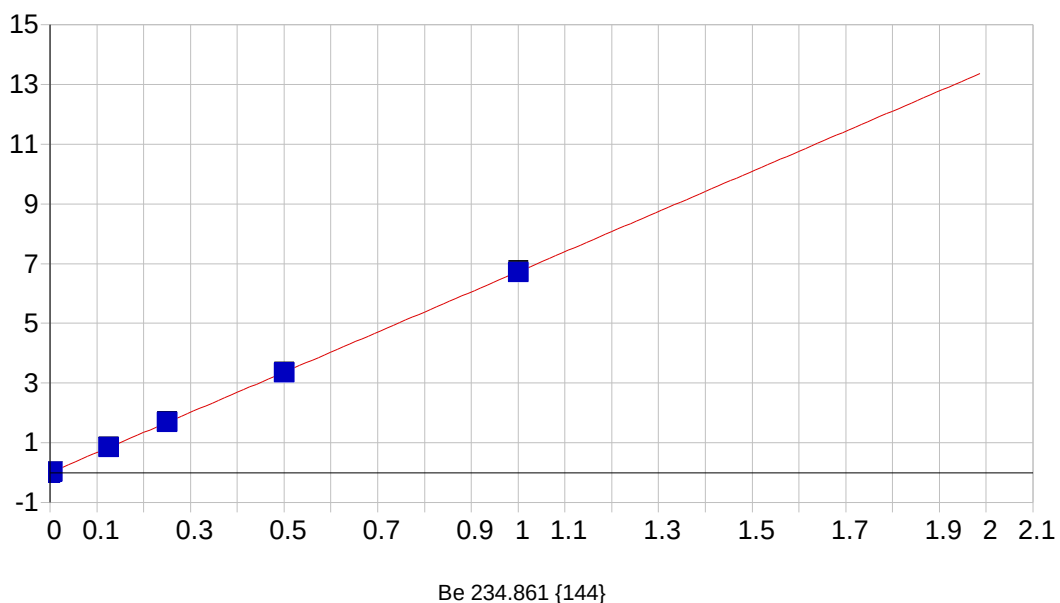


Ba 493.409 { 68}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.054736 Re-Slope: 1.000000
 A1 (Gain): 4.327397 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.007916
 Predicted MDL: 0.000618
 Predicted MQL: 0.002060

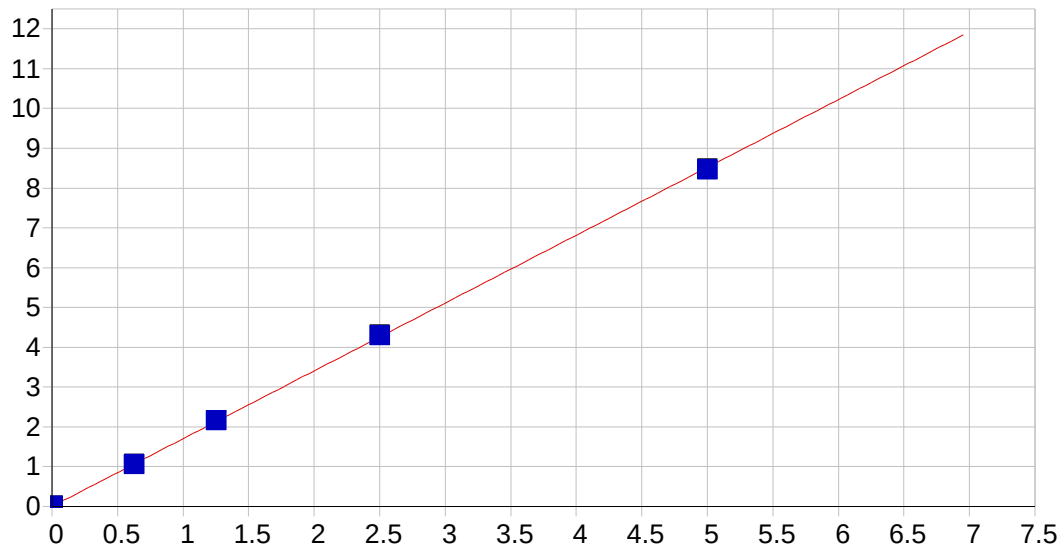
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.05481	.003	1
S1	.20000	.20934	.009	4.67	.85118	.002	1
S2	2.5000	2.5504	.050	2.01	10.982	.017	1
S3	5.0000	5.1670	.167	3.34	22.305	.020	1
S4	10.000	10.052	.052	.516	43.443	.026	1
S5	20.000	19.722	-.278	-1.39	85.289	.525	1



Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001832 Re-Slope: 1.000000
 A1 (Gain): 6.726680 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000162
 Predicted MDL: 0.000072
 Predicted MQL: 0.000241

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00184	.000	1
S1	.00500	.00538	.000	7.58	.03433	.001	1
S2	.12500	.12640	.001	1.12	.84561	.004	1
S3	.25000	.25226	.002	.905	1.6894	.003	1
S4	.50000	.49799	-.002	-.402	3.3367	.021	1
S5	1.0000	.99797	-.002	-.203	6.6886	.052	1

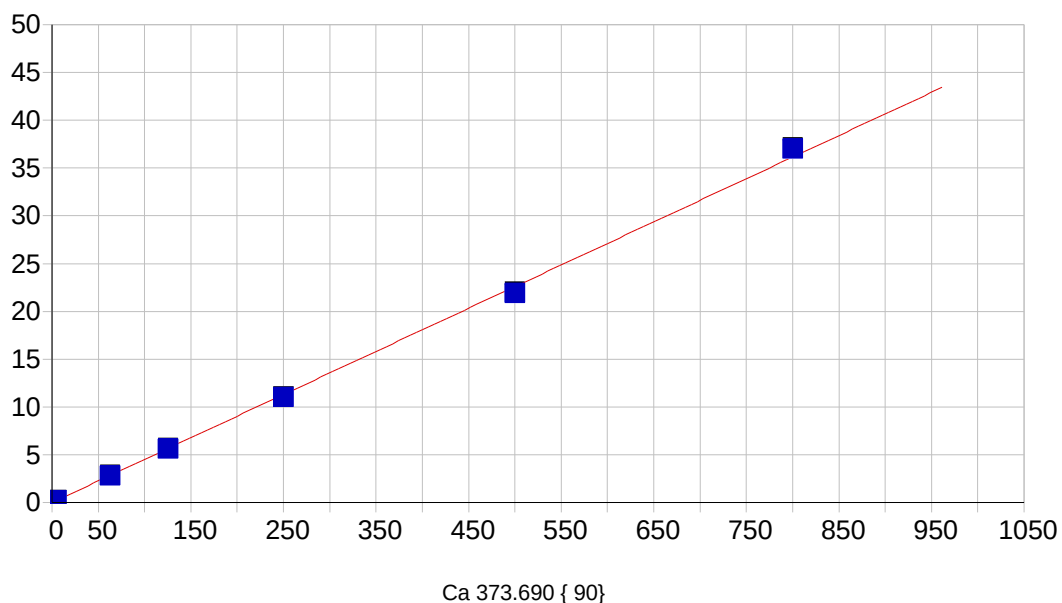


Cd 214.438 {457}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000152 Re-Slope: 1.000000
 A1 (Gain): 1.703737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.000091
 Predicted MQL: 0.000303

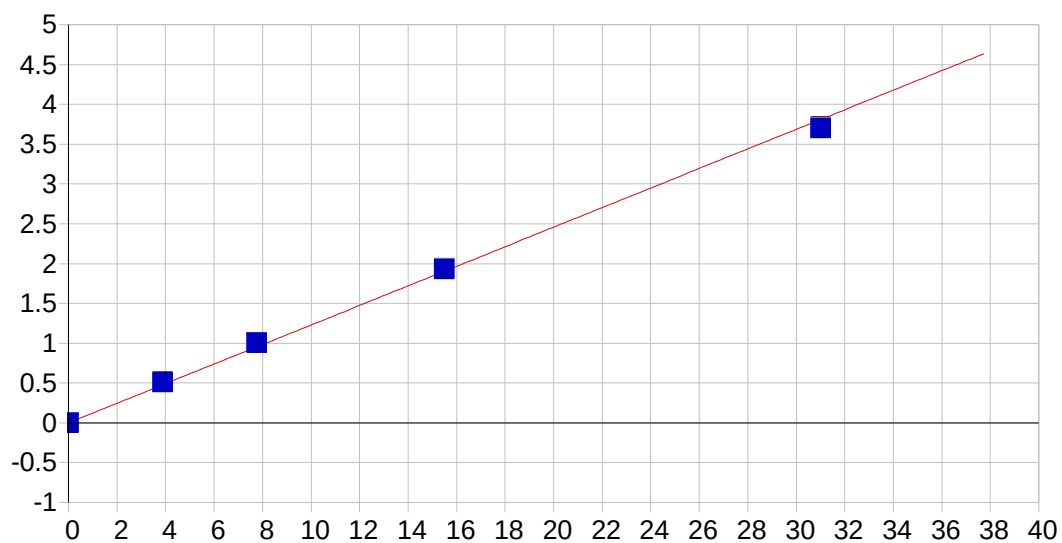
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00500	.00506	.000	1.11	.00877	.000	1
S2	.62500	.62235	-.003	-.424	1.0623	.001	1
S3	1.2500	1.2676	.018	1.41	2.1636	.004	1
S4	2.5000	2.5210	.021	.838	4.3027	.011	1
S5	5.0000	4.9640	-.036	-.720	8.4724	.018	1



Date of Fit: 5/18/2017 15:10:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001321 Re-Slope: 1.000000
 A1 (Gain): 0.045175 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999691 Status: OK.
 Std Error of Est: 0.003913
 Predicted MDL: 0.013610
 Predicted MQL: 0.045368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	.00132	.000	1
S1	5.0000	5.1930	.193	3.86	.23591	.002	1
S2	62.500	62.755	.255	.409	2.8329	.014	1
S3	125.00	125.04	.041	.033	5.6432	.018	1
S4	250.00	244.40	-5.60	-2.24	11.028	.044	1
S5	500.00	485.16	-14.8	-2.97	21.891	.104	1
S6	800.00	819.97	20.0	2.50	36.970	.125	1

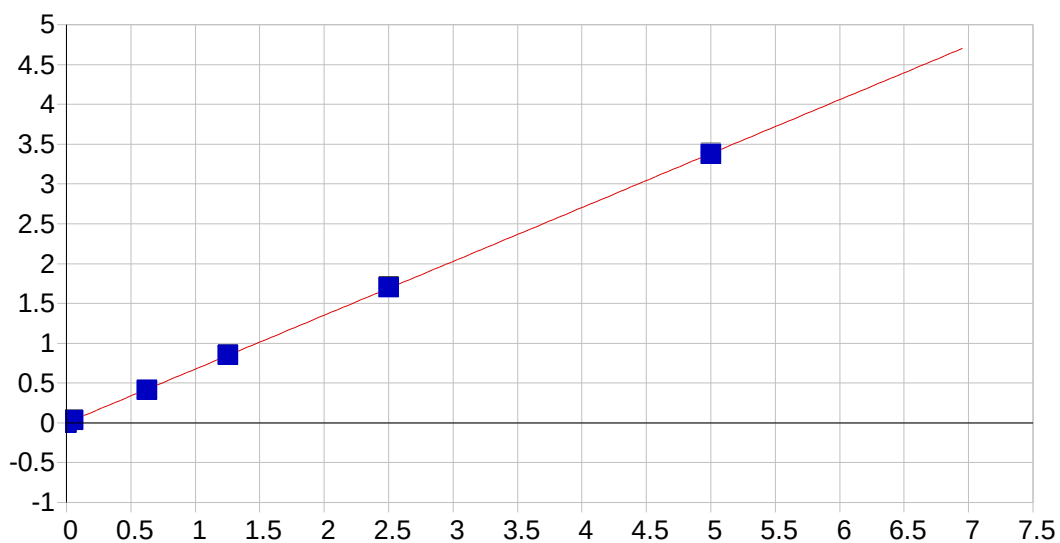


Cr 267.716 {126}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000049 Re-Slope: 1.000000
 A1 (Gain): 0.122861 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999400 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000454
 Predicted MQL: 0.001513

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01160	.002	16.0	.00149	.000	1
S2	3.8750	4.1420	.267	6.89	.51017	.002	1
S3	7.7500	8.1678	.418	5.39	1.0060	.003	1
S4	15.500	15.713	.213	1.38	1.9355	.004	1
S5	31.000	30.100	-.900	-2.90	3.7081	.011	1

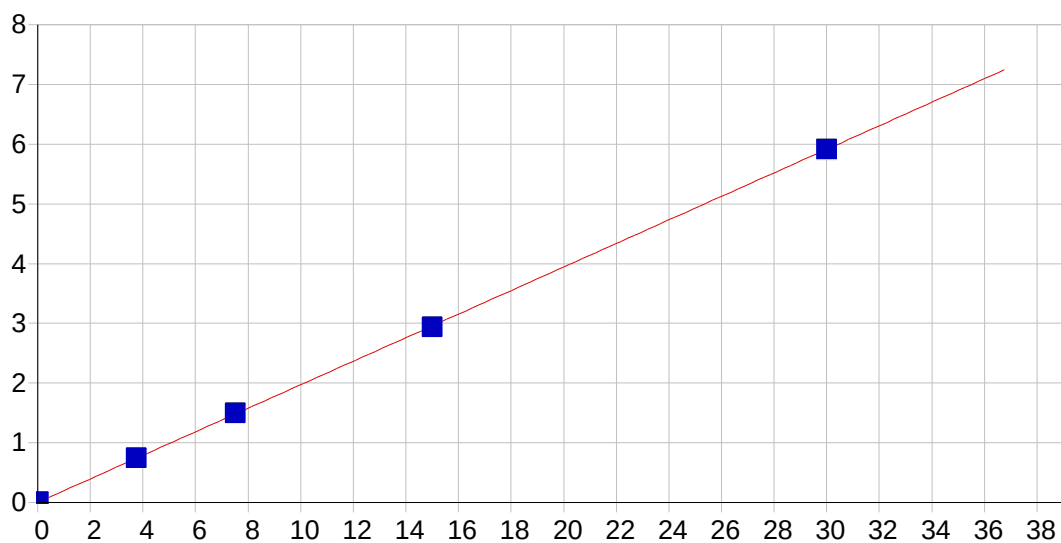


Co 228.616 {448}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000225 Re-Slope: 1.000000
 A1 (Gain): 0.676229 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.000237
 Predicted MQL: 0.000789

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.05000	.04819	-.002	-3.61	.03249	.000	1
S2	.62500	.61473	-.010	-1.64	.41636	.000	1
S3	1.2500	1.2591	.009	.728	.85298	.002	1
S4	2.5000	2.5109	.011	.434	1.7012	.008	1
S5	5.0000	4.9921	-.008	-.157	3.3827	.005	1

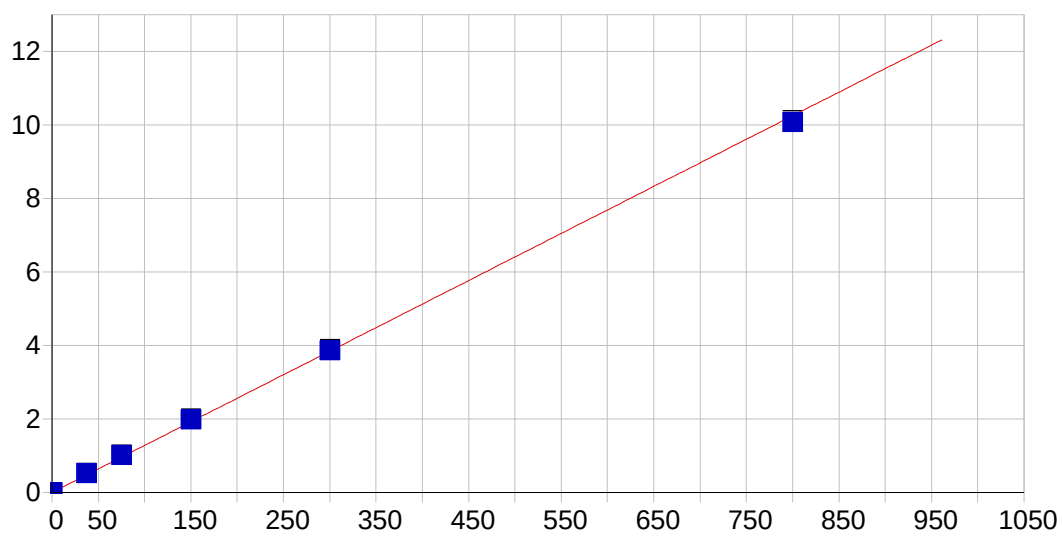


Cu 324.754 {104}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000706 Re-Slope: 1.000000
 A1 (Gain): 0.197095 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.002141
 Predicted MQL: 0.007136

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00071	.000	1
S1	.02500	.02724	.002	8.98	.00604	.000	1
S2	3.7500	3.7682	.018	.486	.74129	.002	1
S3	7.5000	7.5856	.086	1.14	1.4916	.003	1
S4	15.000	14.892	-.108	-.723	2.9273	.007	1
S5	30.000	30.002	.002	.008	5.8971	.002	1

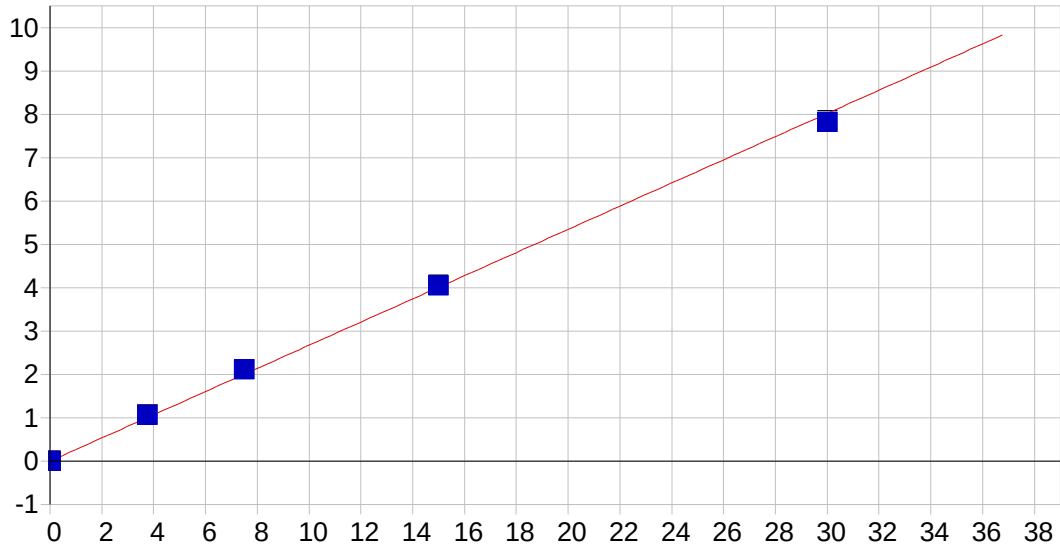


Fe 259.837 {130}

Date of Fit: 5/18/2017 15:10:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.012813 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.016525
 Predicted MQL: 0.055083

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00019	.000	1
S1	.10000	.12430	.024	24.3	.00179	.000	1
S2	37.500	40.193	2.69	7.18	.51575	.001	1
S3	75.000	79.476	4.48	5.97	1.0197	.002	1
S4	150.00	155.31	5.31	3.54	1.9925	.011	1
S5	300.00	301.58	1.58	.527	3.8689	.029	1
S6	800.00	785.90	-14.1	-1.76	10.075	.049	1



Mn 257.610 {131}

Date of Fit: 5/18/2017 15:06:04

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000233

Re-Slope: 1.000000

A1 (Gain): 0.267314

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999499

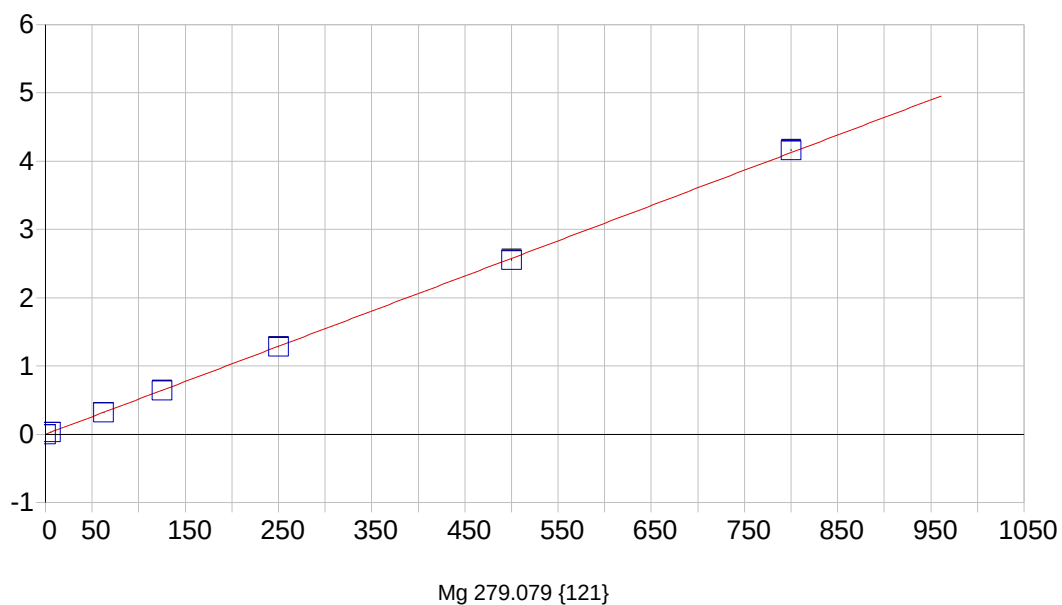
Status: OK.

Std Error of Est: 0.000301

Predicted MDL: 0.000905

Predicted MQL: 0.003018

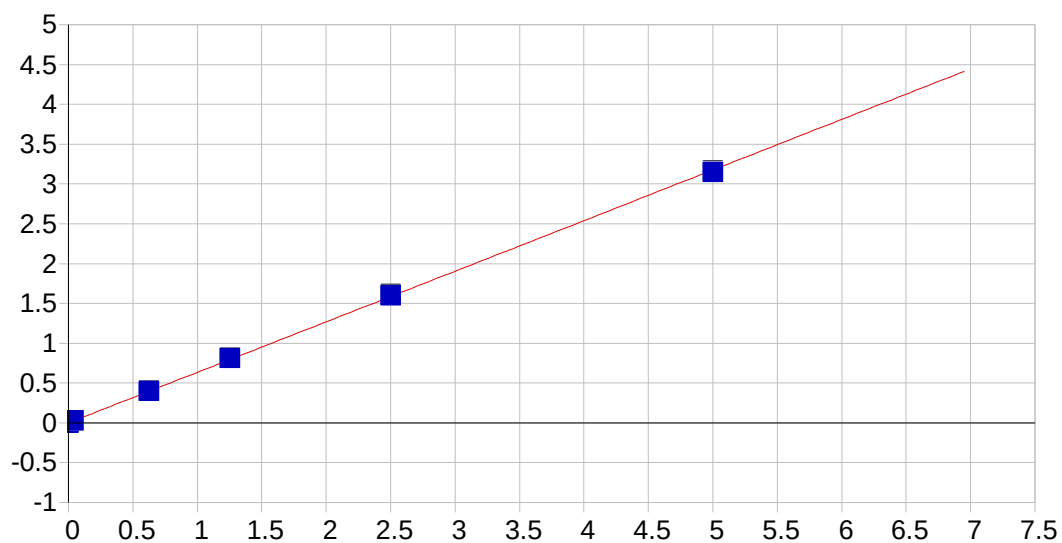
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.01500	.01803	.003	20.2	.00459	.000	1
S2	3.7500	3.9920	.242	6.45	1.0671	.002	1
S3	7.5000	7.8861	.386	5.15	2.1083	.010	1
S4	15.000	15.128	.128	.856	4.0447	.021	1
S5	30.000	29.240	-.760	-2.53	7.8179	.035	1



Date of Fit: 5/18/2017 15:10:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000457	Re-Slope: 1.000000
A1 (Gain):	0.005156	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999961	Status: OK.
Std Error of Est:	0.000159	
Predicted MDL:	0.047001	
Predicted MQL:	0.156670	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	-.00046	.000	1
S1	5.0000	5.0331	.033	.661	.02549	.000	1
S2	62.500	61.469	-1.03	-1.65	.31649	.000	1
S3	125.00	124.80	-.204	-.163	.64302	.003	1
S4	250.00	248.50	-1.50	-.599	1.2809	.004	1
S5	500.00	495.38	-4.62	-.924	2.5538	.011	1
S6	800.00	807.32	7.32	.915	4.1623	.012	1

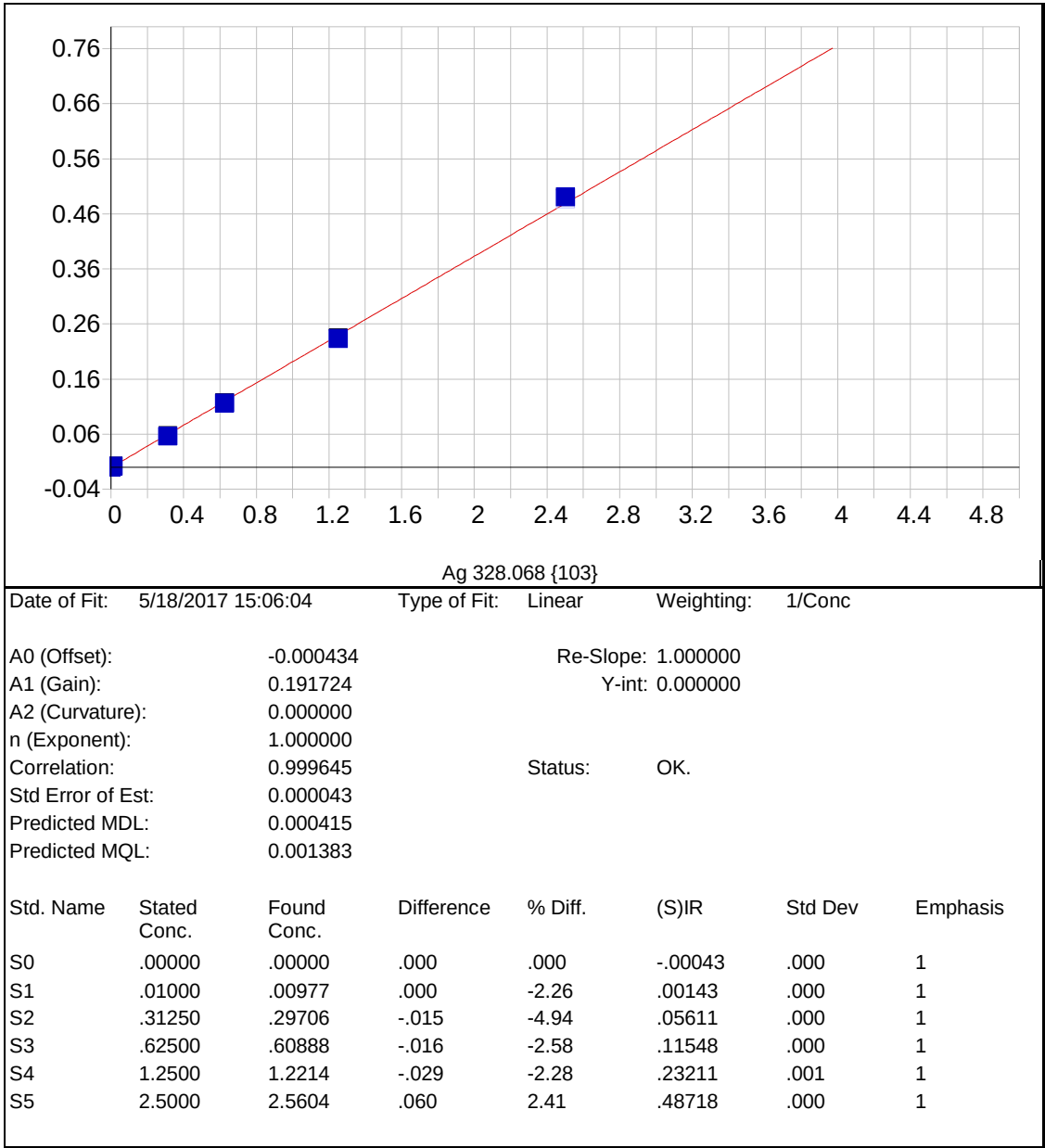


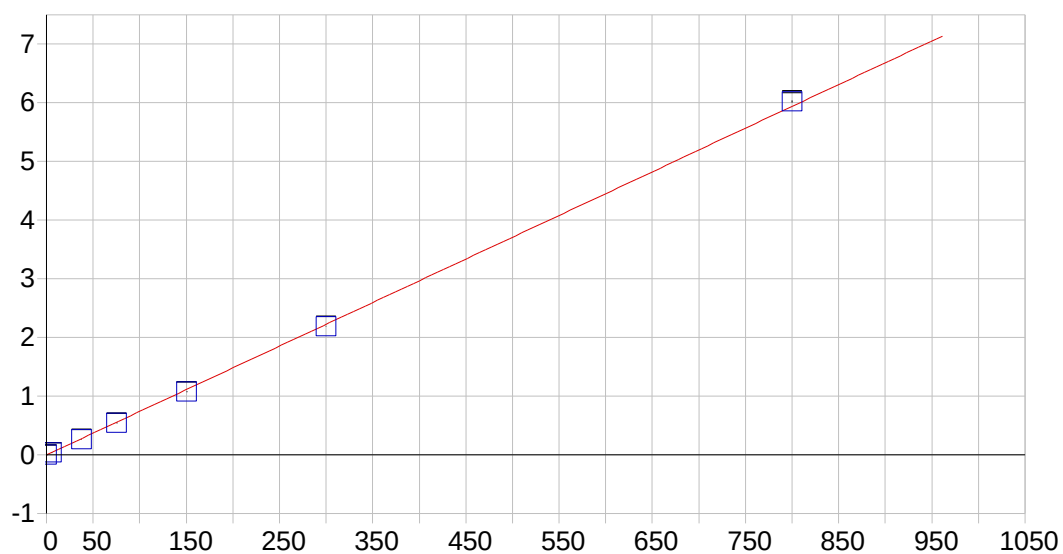
Ni 231.604 {446}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000470 Re-Slope: 1.000000
 A1 (Gain): 0.634997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000160
 Predicted MDL: 0.000329
 Predicted MQL: 0.001096

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.04000	.03995	.000	-.113	.02493	.000	1
S2	.62500	.62672	.002	.275	.39958	.000	1
S3	1.2500	1.2749	.025	1.99	.81326	.000	1
S4	2.5000	2.5188	.019	.753	1.6073	.007	1
S5	5.0000	4.9546	-.045	-.908	3.1624	.007	1





Na 818.326 { 41}

Date of Fit: 5/18/2017 15:10:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002994

Re-Slope: 1.000000

A1 (Gain): 0.007427

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999834

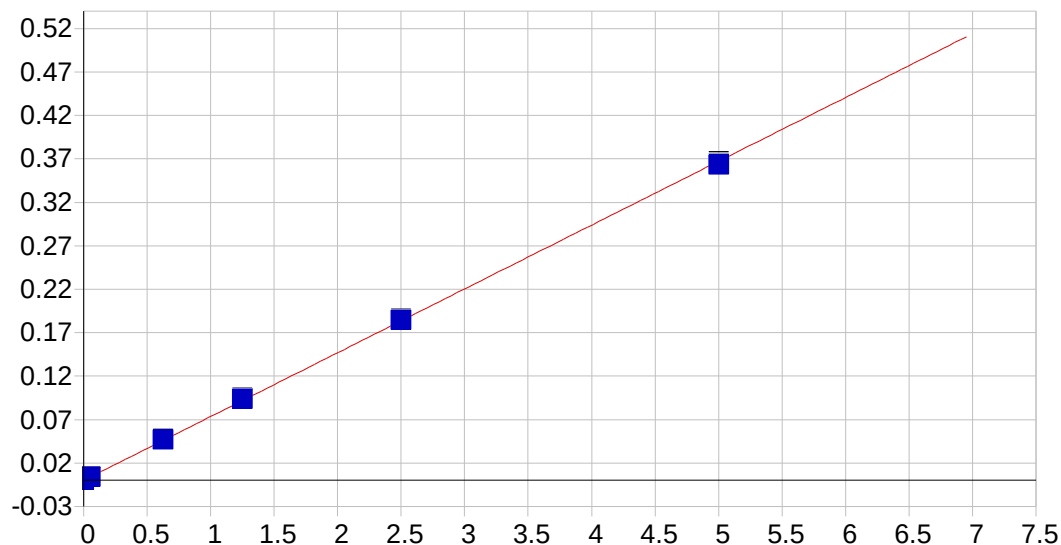
Status: OK.

Std Error of Est: 0.000419

Predicted MDL: 0.208007

Predicted MQL: 0.693355

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	-.00299	.000	1
S1	5.0000	5.0124	.012	.248	.03423	.001	1
S2	37.500	36.345	-1.16	-3.08	.26694	.001	1
S3	75.000	73.340	-1.66	-2.21	.54171	.001	1
S4	150.00	145.46	-4.54	-3.03	1.0773	.003	1
S5	300.00	295.47	-4.53	-1.51	2.1915	.005	1
S6	800.00	811.87	11.9	1.48	6.0268	.019	1

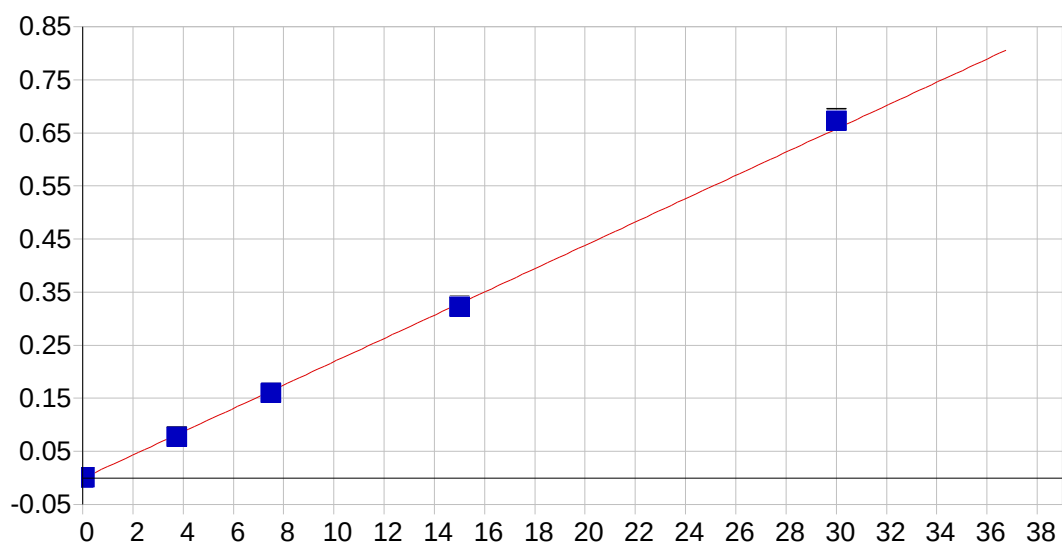


V 292.402 {115}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000047 Re-Slope: 1.000000
 A1 (Gain): 0.073426 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.004239
 Predicted MQL: 0.014131

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.05000	.05251	.003	5.02	.00391	.000	1
S2	.62500	.63861	.014	2.18	.04713	.000	1
S3	1.2500	1.2800	.030	2.40	.09441	.001	1
S4	2.5000	2.5103	.010	.410	.18513	.001	1
S5	5.0000	4.9436	-.056	-1.13	.36456	.002	1

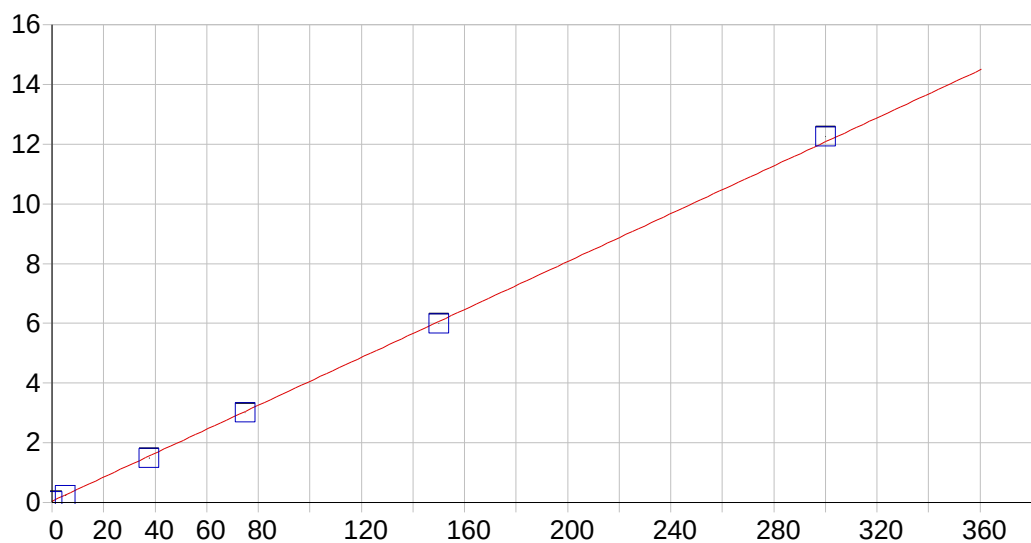


Zn 213.856 {158}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000619 Re-Slope: 1.000000
 A1 (Gain): 0.021939 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999681 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.019854
 Predicted MQL: 0.066181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00062	.000	1
S1	.06000	.06339	.003	5.65	.00078	.000	1
S2	3.7500	3.5373	-.213	-5.67	.07718	.001	1
S3	7.5000	7.3293	-.171	-2.28	.16057	.000	1
S4	15.000	14.717	-.283	-1.89	.32305	.001	1
S5	30.000	30.663	.663	2.21	.67366	.004	1

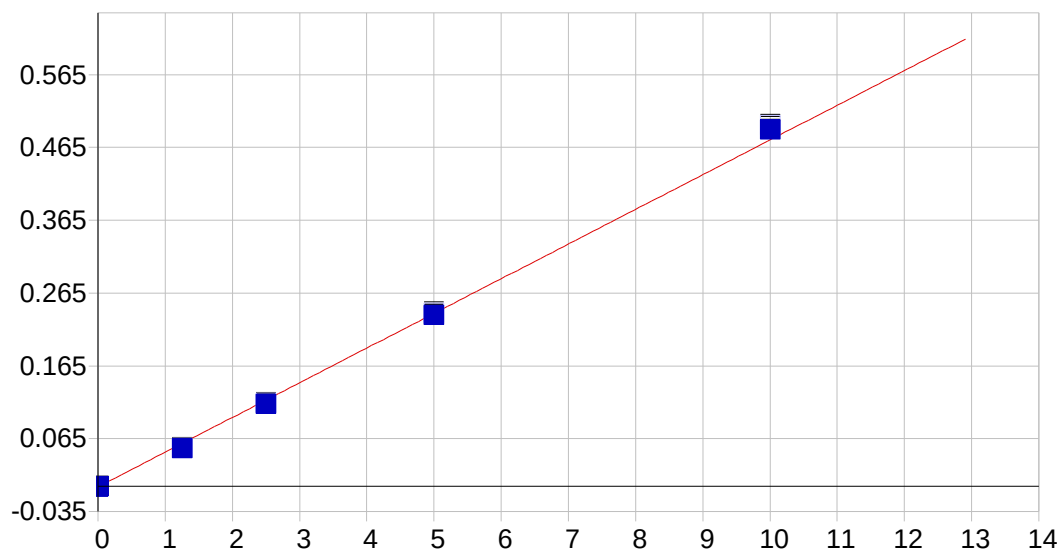


K 769.896 { 44}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.045577 Re-Slope: 1.000000
 A1 (Gain): 0.040104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.001492
 Predicted MDL: 0.039872
 Predicted MQL: 0.132906

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00048	.000	.000	.04560	.001	1
S1	5.0000	4.7946	-.205	-4.11	.23786	.001	1
S2	37.500	35.886	-1.61	-4.30	1.4848	.004	1
S3	75.000	73.798	-1.20	-1.60	3.0052	.003	1
S4	150.00	148.41	-1.59	-1.06	5.9976	.014	1
S5	300.00	304.61	4.61	1.54	12.262	.010	1

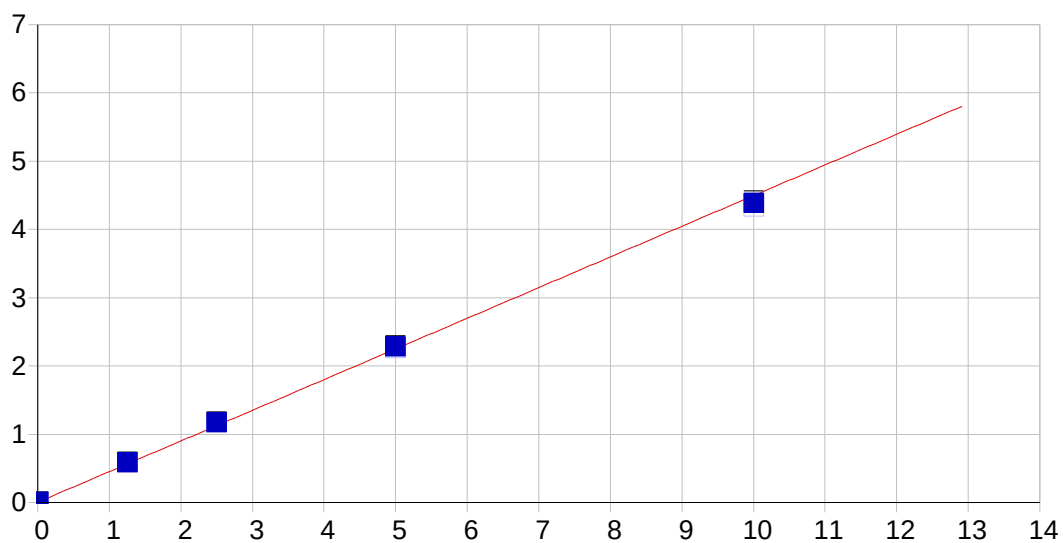


P 177.495 {490}

Date of Fit: 5/18/2017 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001119 Re-Slope: 1.000000
 A1 (Gain): 0.047646 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999206 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002100
 Predicted MQL: 0.007001

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00112	.000	1
S1	.01000	.01358	.004	35.8	-.00046	.000	1
S2	1.2500	1.1100	-.140	-11.2	.05254	.000	1
S3	2.5000	2.3934	-.107	-4.26	.11446	.001	1
S4	5.0000	4.9501	-.050	-.997	.23782	.002	1
S5	10.000	10.293	.293	2.93	.49546	.001	1

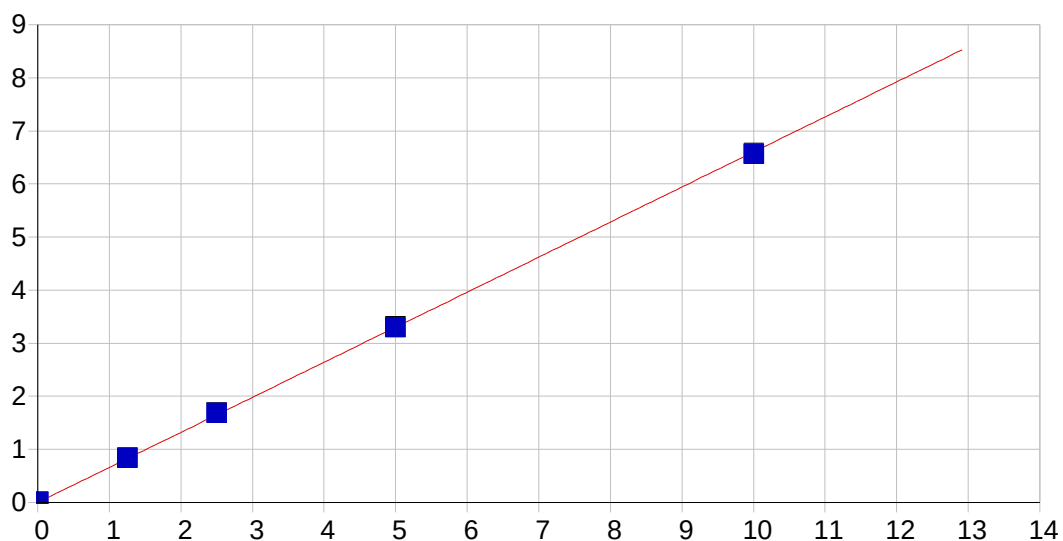


B 249.678 {135}

Date of Fit: 5/18/2017 15:06:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002593 Re-Slope: 1.000000
 A1 (Gain): 0.449348 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999595 Status: OK.
 Std Error of Est: 0.000212
 Predicted MDL: 0.001041
 Predicted MQL: 0.003469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00259	.000	1
S1	.01000	.01111	.001	11.1	.00760	.001	1
S2	1.2500	1.3046	.055	4.37	.58178	.005	1
S3	2.5000	2.6100	.110	4.40	1.1613	.003	1
S4	5.0000	5.0819	.082	1.64	2.2580	.014	1
S5	10.000	9.7524	-.248	-2.48	4.3285	.035	1

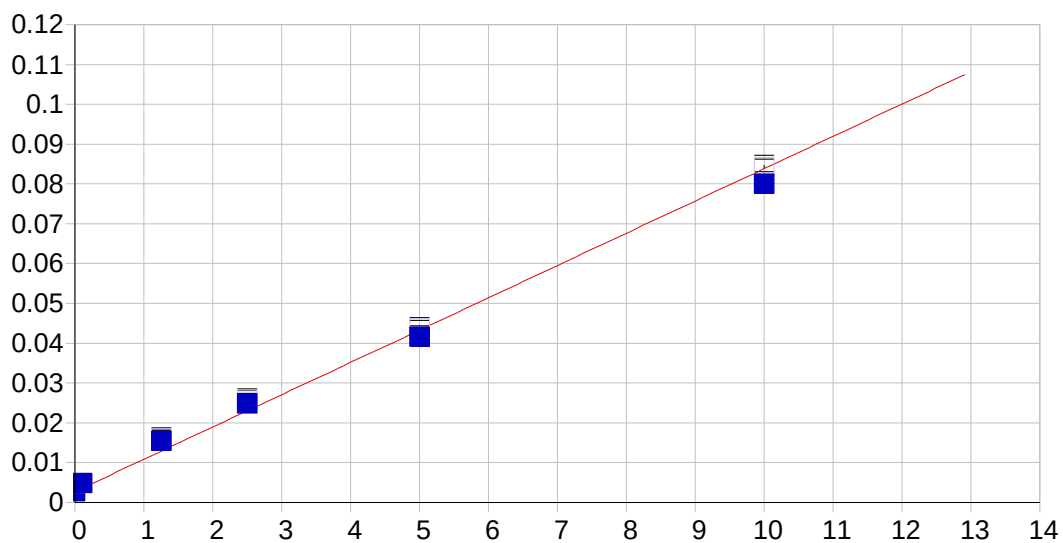


Mo 202.030 {467}

Date of Fit: 5/18/2017 15:06:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000278 Re-Slope: 1.000000
 A1 (Gain): 0.660199 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.000268
 Predicted MQL: 0.000894

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.01000	.01078	.001	7.78	.00741	.000	1
S2	1.2500	1.2731	.023	1.85	.84151	.001	1
S3	2.5000	2.5541	.054	2.16	1.6880	.007	1
S4	5.0000	4.9882	-.012	-.235	3.2965	.022	1
S5	10.000	9.9338	-.066	-.662	6.5646	.013	1

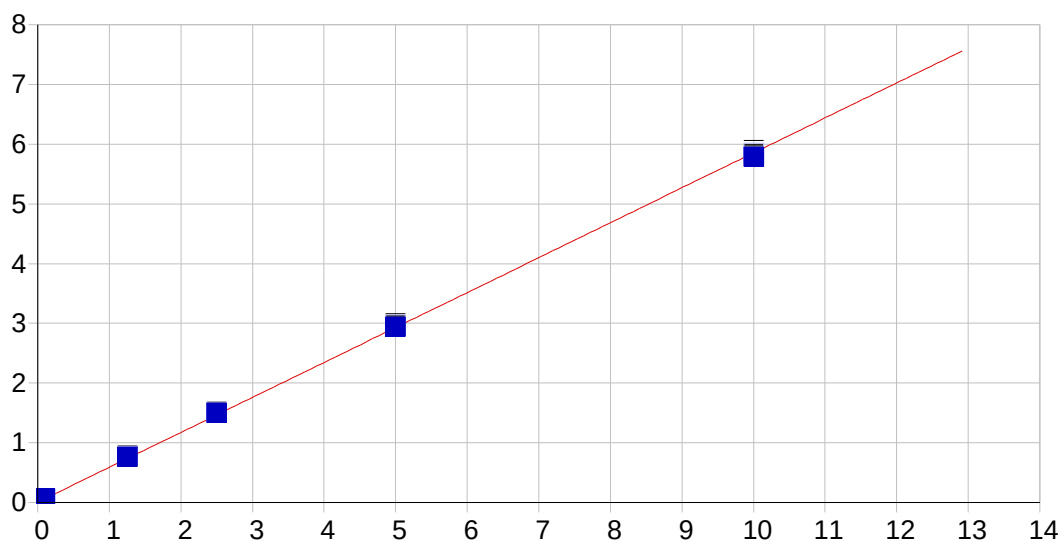


S 182.034 {485}

Date of Fit: 5/18/2017 15:06:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002739 Re-Slope: 1.000000
 A1 (Gain): 0.008110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.991662 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.011202
 Predicted MQL: 0.037339

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	.000	.000	.00274	.000	1
S1	.10000	.24894	.149	149.	.00476	.000	1
S2	1.2500	1.5663	.316	25.3	.01596	.000	1
S3	2.5000	2.7164	.216	8.66	.02580	.000	1
S4	5.0000	4.7873	-.213	-4.25	.04363	.000	1
S5	10.000	9.5380	-.462	-4.62	.08422	.000	1

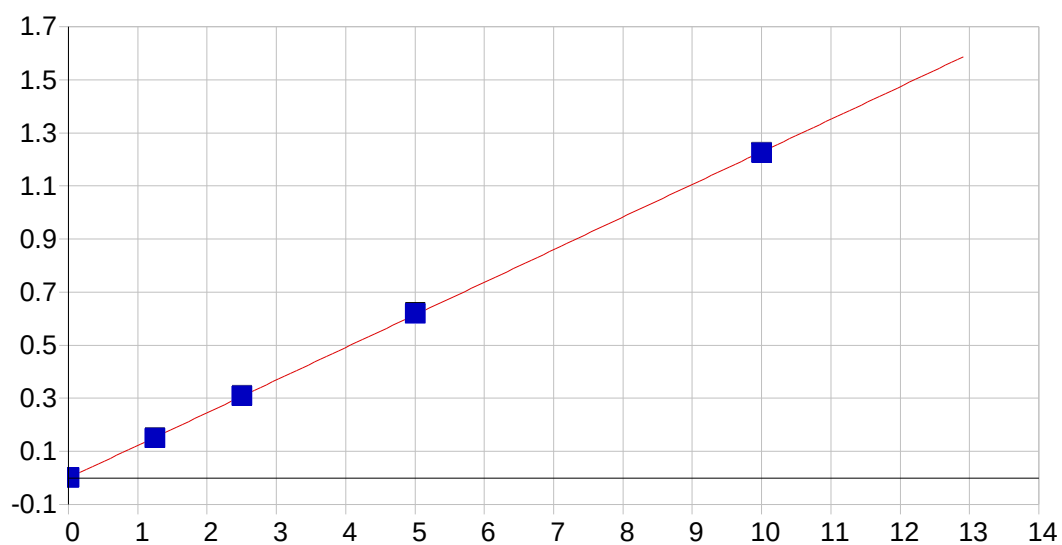


Si 251.611 {134}

Date of Fit: 5/18/2017 15:06:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003503 Re-Slope: 1.000000
 A1 (Gain): 0.585098 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000495
 Predicted MDL: 0.000950
 Predicted MQL: 0.003166

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00350	.000	1
S1	.10000	.10090	.001	.903	.06275	.000	1
S2	1.2500	1.3003	.050	4.03	.77293	.006	1
S3	2.5000	2.5535	.054	2.14	1.5148	.004	1
S4	5.0000	5.0190	.019	.380	2.9745	.016	1
S5	10.000	9.8763	-.124	-1.24	5.8510	.046	1

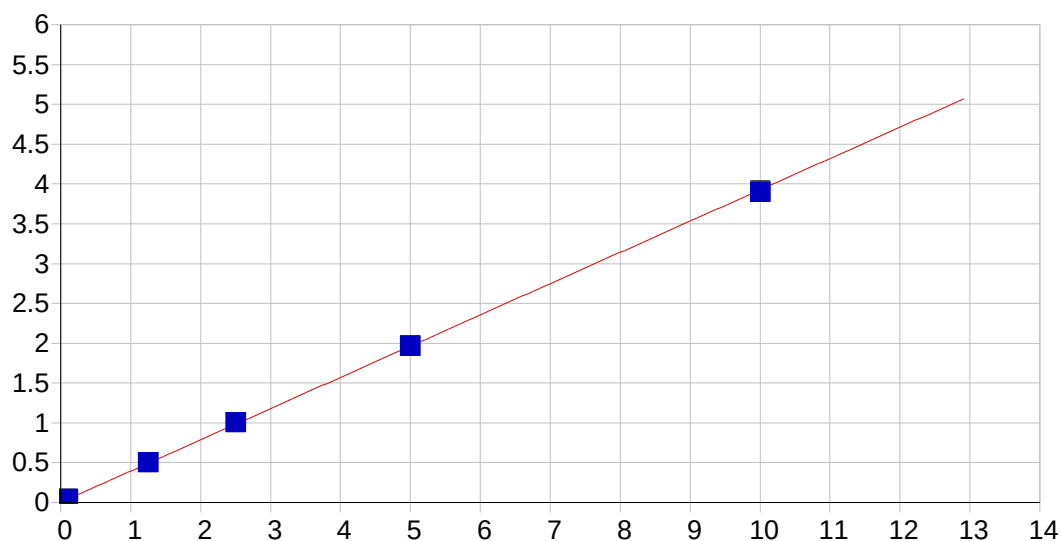


Sn 189.989 {478}

Date of Fit: 5/18/2017 15:06:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.122842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.000846
 Predicted MQL: 0.002822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.00700	.00731	.000	4.48	.00093	.000	1
S2	1.2500	1.2221	-.028	-2.23	.15005	.000	1
S3	2.5000	2.5227	.023	.907	.30969	.001	1
S4	5.0000	5.0351	.035	.702	.61808	.004	1
S5	10.000	9.9698	-.030	-.302	1.2238	.003	1

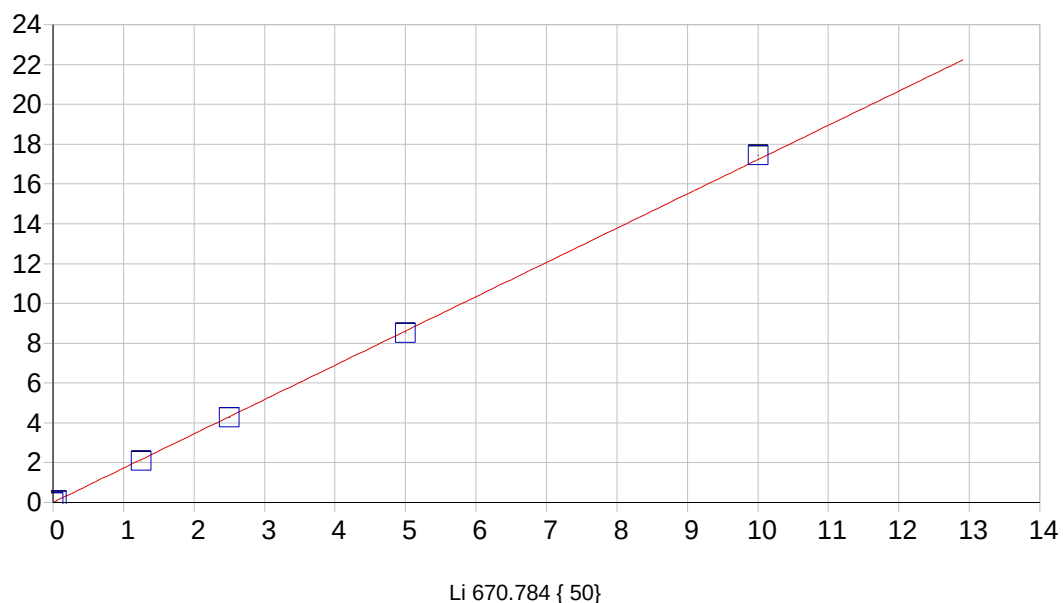


Ti 336.121 {100}

Date of Fit: 5/18/2017 15:06:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001222 Re-Slope: 1.000000
 A1 (Gain): 0.392545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000220
 Predicted MDL: 0.001177
 Predicted MQL: 0.003923

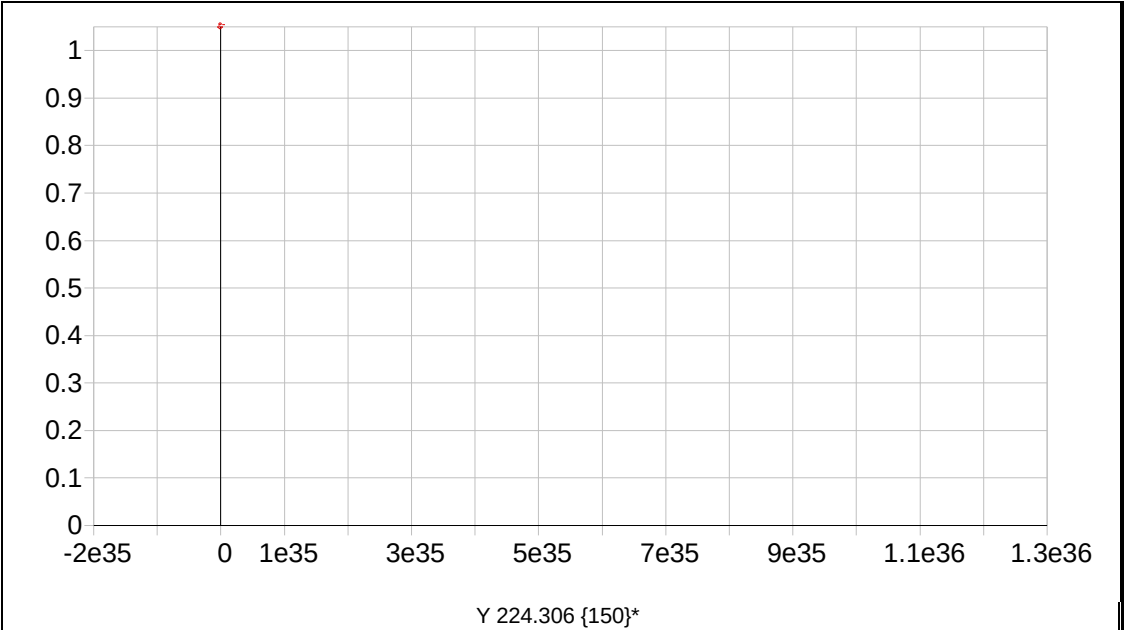
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00122	.000	1
S1	.10000	.10331	.003	3.31	.04177	.000	1
S2	1.2500	1.2707	.021	1.65	.49985	.001	1
S3	2.5000	2.5532	.053	2.13	1.0031	.002	1
S4	5.0000	4.9947	-.005	-.107	1.9612	.009	1
S5	10.000	9.9282	-.072	-.718	3.8971	.016	1



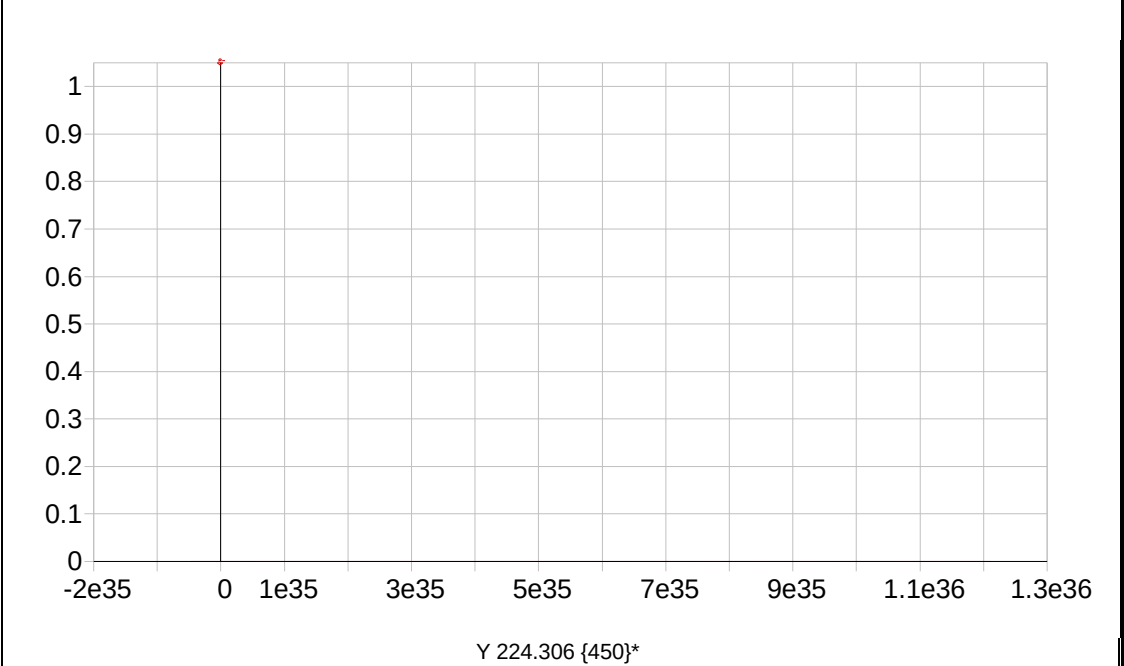
Date of Fit: 5/18/2017 15:06:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004981 Re-Slope: 1.000000
 A1 (Gain): 1.721742 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000961
 Predicted MDL: 0.000935
 Predicted MQL: 0.003118

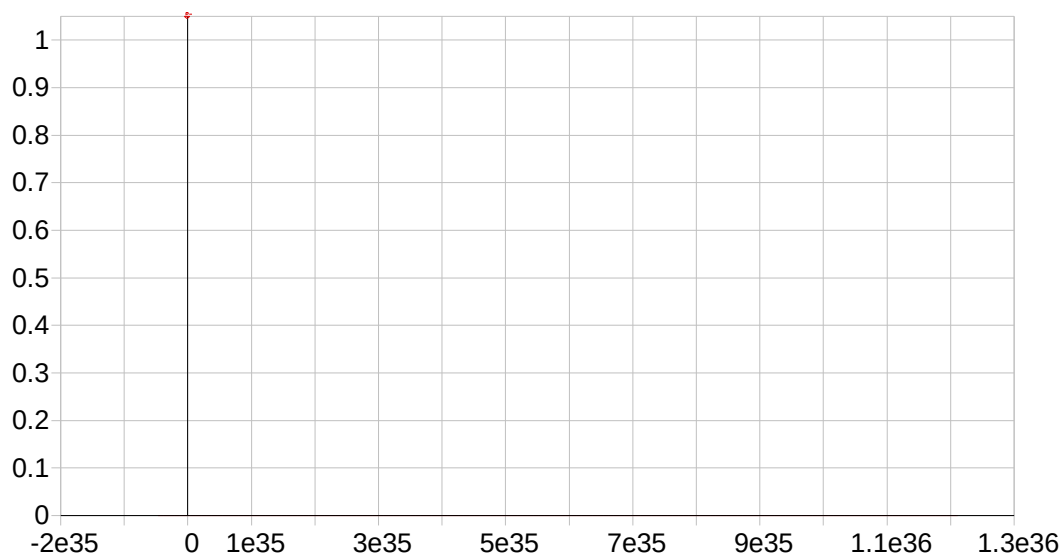
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00499	.001	1
S5	10.000	10.127	.127	1.27	17.441	.040	1
S4	5.0000	4.9400	-.060	-1.20	8.5104	.006	1
S3	2.5000	2.4789	-.021	-.846	4.2729	.011	1
S2	1.2500	1.2076	-.042	-3.39	2.0842	.006	1
S1	.05000	.04673	-.003	-6.55	.08543	.002	1



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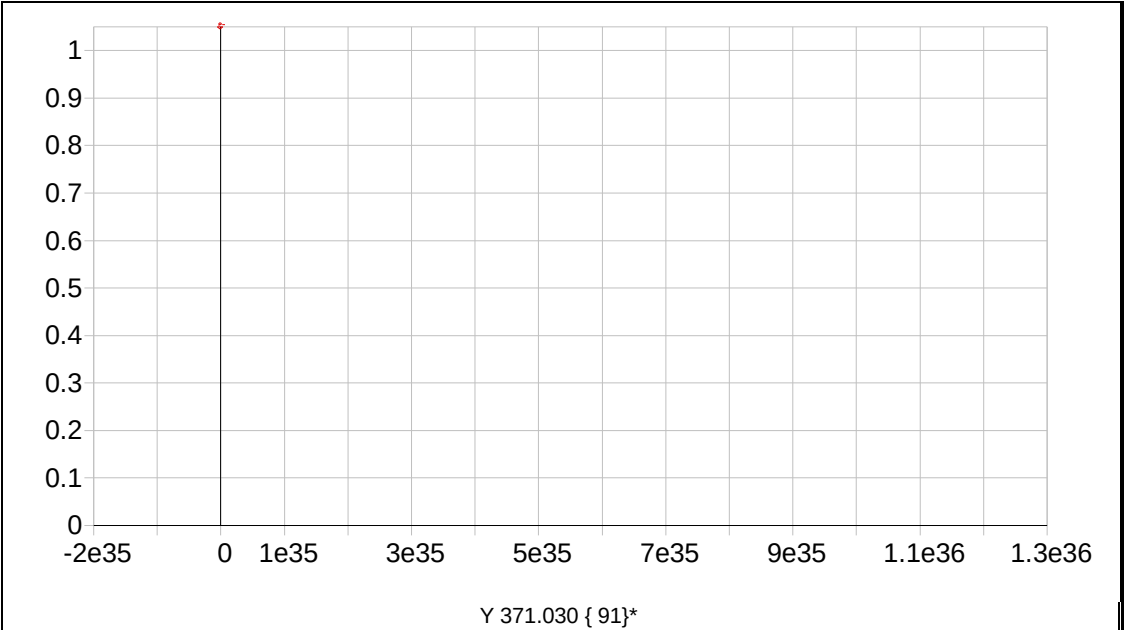


Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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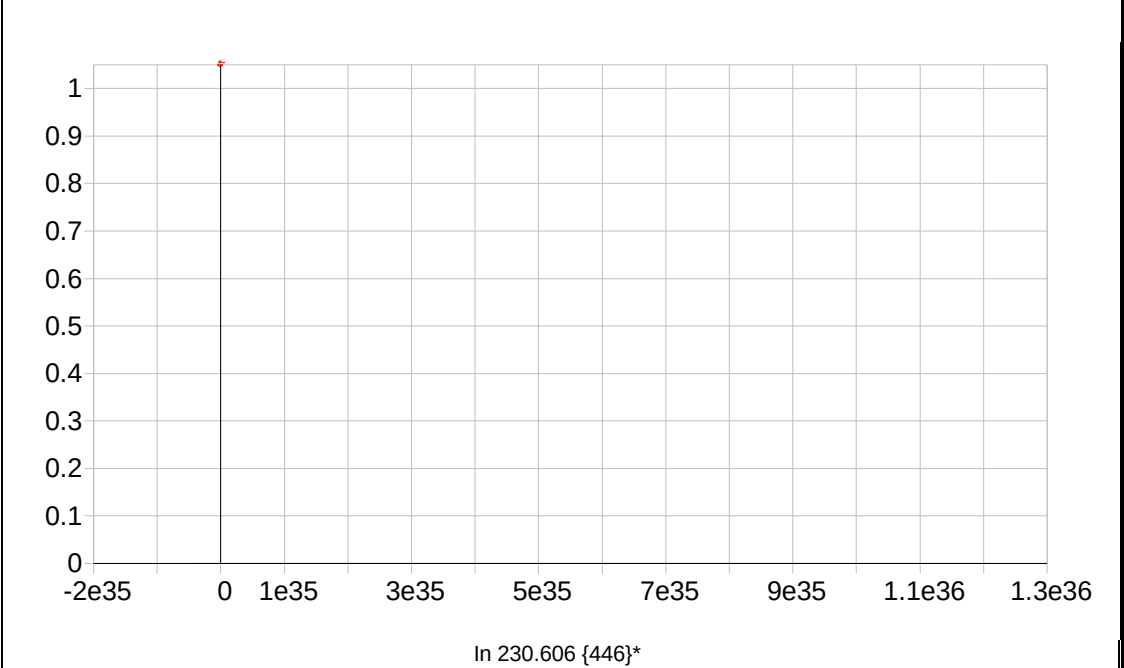
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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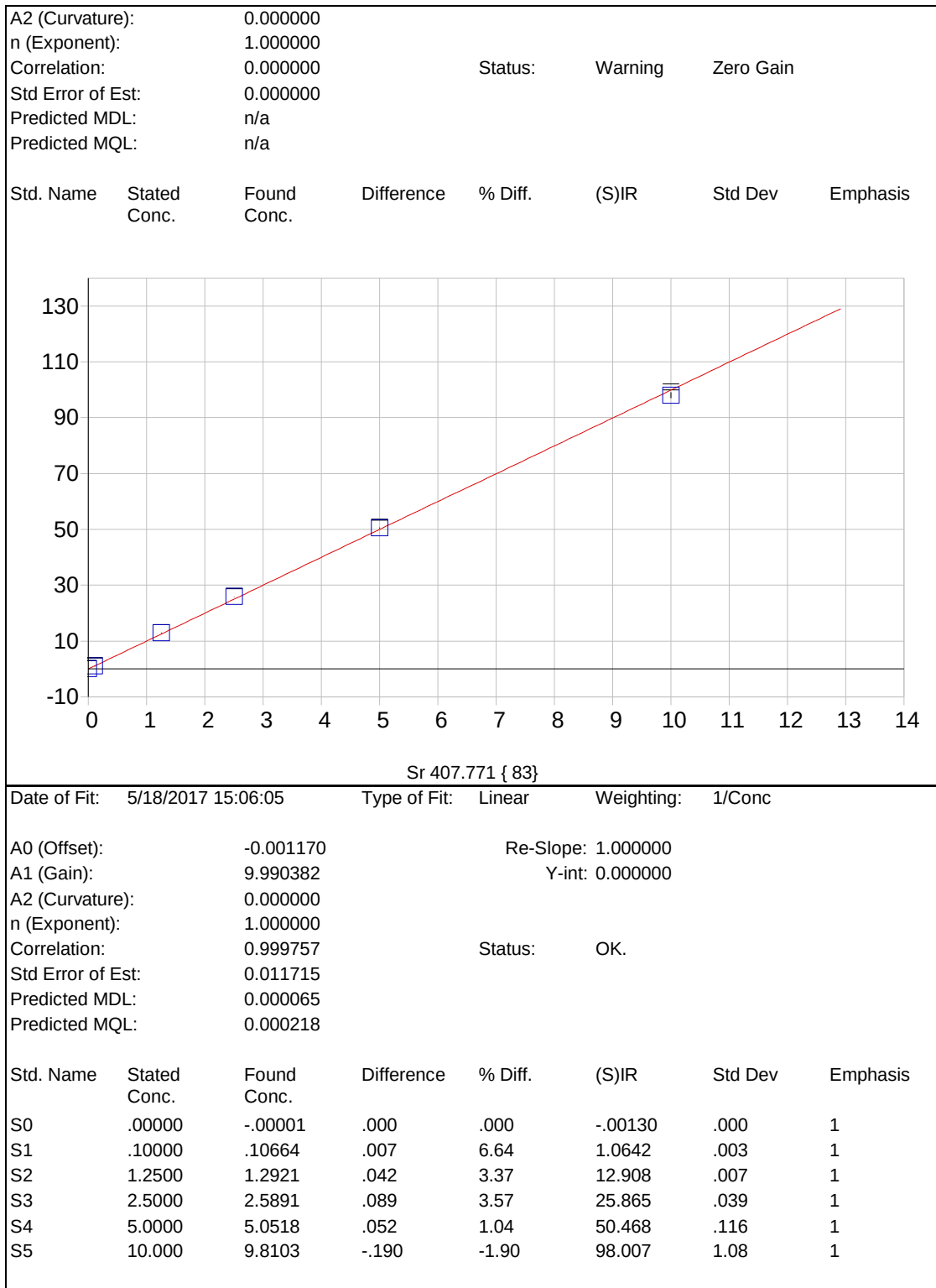


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 5/18/2017 14:42:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	-.00025	-.00025	.00022	.00002	-.00011	.00029	-.05481	-.00184
Stddev	.00006	.00003	.00020	.00009	.00013	.00075	.00326	.00026
%RSD	25.385	14.023	90.324	439.87	120.84	258.55	5.9412	14.020

#1	-.00032	-.00021	.00018	-.00006	-.00020	-.00012	-.05673	-.00209
#2	-.00021	-.00028	.00005	.00000	-.00018	-.00017	-.05666	-.00185
#3	-.00022	-.00025	.00044	.00012	.00004	.00116	-.05105	-.00157

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	.00015	.00132	.00005	-.00022	.00071	.00019	-.00023	-.00046
Stddev	.00013	.00024	.00006	.00006	.00039	.00007	.00001	.00023
%RSD	87.110	18.041	130.94	27.423	54.615	38.151	5.3322	50.540

#1	.00030	.00158	.00012	-.00029	.00073	.00023	-.00023	-.00062
#2	.00009	.00111	.00002	-.00016	.00108	.00011	-.00025	-.00056
#3	.00006	.00127	.00001	-.00022	.00031	.00023	-.00023	-.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	-.00047	-.00043	-.00299	.00005	-.00062	.04560	-.00112	.00259
Stddev	.00002	.00007	.00018	.00012	.00016	.00079	.00007	.00043
%RSD	5.2171	17.031	6.1599	246.29	25.692	1.7405	5.9973	16.568

#1	-.00047	-.00048	-.00280	.00002	-.00080	.04606	-.00119	.00243
#2	-.00045	-.00047	-.00316	.00017	-.00053	.04605	-.00111	.00227
#3	-.00050	-.00035	-.00301	-.00005	-.00052	.04468	-.00106	.00308

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	.00028	.00274	.00350	.00005	.00122	.00499	-.00130	
Stddev	.00008	.00009	.00024	.00006	.00025	.00132	.00042	
%RSD	27.461	3.4070	6.7984	130.10	20.400	26.547	32.392	

#1	.00036	.00269	.00348	.00003	.00136	.00606	-.00082	
#2	.00022	.00284	.00327	-.00001	.00093	.00351	-.00149	
#3	.00025	.00268	.00375	.00011	.00136	.00540	-.00159	

Sample Name: S0 Acquired: 5/18/2017 14:42:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	1745.9	2644.4	53738.	4445.3	3784.2
Stddev	13.1	15.1	210.	27.1	18.1
%RSD	.74798	.57179	.39075	.60897	.47750
#1	1732.0	2633.5	53544.	4475.8	3775.2
#2	1747.8	2638.2	53711.	4424.1	3772.4
#3	1758.0	2661.7	53961.	4436.0	3805.0

Sample Name: S1 Acquired: 5/18/2017 14:46:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	.00035	.00196	.00225	.00223	.01128	.01927	.85118	.03433
Stddev	.00010	.00005	.00022	.00006	.00021	.00062	.00244	.00066
%RSD	27.695	2.4191	10.000	2.8195	1.8268	3.2388	.28686	1.9251

#1	.00042	.00192	.00217	.00219	.01107	.01857	.84917	.03425
#2	.00038	.00195	.00250	.00230	.01129	.01978	.85390	.03502
#3	.00024	.00201	.00207	.00219	.01148	.01945	.85046	.03371

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	.00877	.23591	.00149	.03249	.00604	.00179	.00459	.02549
Stddev	.00009	.00165	.00005	.00010	.00034	.00013	.00004	.00039
%RSD	1.0472	.70102	3.0668	.30212	5.6143	7.2374	.90871	1.5488

#1	.00882	.23471	.00144	.03252	.00568	.00172	.00461	.02511
#2	.00882	.23521	.00152	.03238	.00635	.00171	.00461	.02590
#3	.00866	.23779	.00152	.03257	.00610	.00194	.00454	.02547

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	.02493	.00143	.03423	.00391	.00078	.23786	-.00046	.00760
Stddev	.00006	.00006	.00088	.00030	.00019	.00137	.00004	.00054
%RSD	.25662	4.4240	2.5623	7.5771	24.981	.57617	8.8679	7.1252

#1	.02493	.00137	.03489	.00376	.00099	.23662	-.00042	.00779
#2	.02488	.00149	.03457	.00372	.00061	.23763	-.00046	.00801
#3	.02500	.00144	.03324	.00425	.00073	.23933	-.00050	.00698

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	.00741	.00476	.06275	.00093	.04177	.08543	1.0642	
Stddev	.00019	.00005	.00048	.00009	.00012	.00157	.0029	
%RSD	2.5936	1.0966	.77286	10.073	.28392	1.8328	.26822	

#1	.00733	.00476	.06241	.00100	.04172	.08445	1.0614	
#2	.00727	.00481	.06331	.00082	.04168	.08724	1.0642	
#3	.00763	.00471	.06254	.00097	.04190	.08460	1.0671	

Sample Name: S1 Acquired: 5/18/2017 14:46:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	1746.7	2621.3	53593.	4433.0	3671.0
Stddev	13.3	11.7	268.	14.2	16.8
%RSD	.75881	.44640	.50047	.31986	.45695
#1	1731.4	2610.0	53297.	4416.8	3655.6
#2	1753.9	2620.7	53819.	4438.9	3668.4
#3	1754.8	2633.4	53665.	4443.3	3688.8

Sample Name: S2 Acquired: 5/18/2017 14:50:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	.06226	.10964	1.2474	.07087	.23257	3.4587	10.982	.84561
Stddev	.00045	.00024	.0006	.00019	.00079	.0029	.017	.00395
%RSD	.71949	.21704	.04911	.26895	.33994	.08295	.15918	.46748

#1	.06270	.10991	1.2476	.07102	.23347	3.4620	10.997	.84227
#2	.06229	.10945	1.2479	.07093	.23224	3.4564	10.963	.84997
#3	.06180	.10957	1.2467	.07066	.23199	3.4579	10.986	.84459

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	1.0623	2.8329	.51017	.41636	.74129	.51575	1.0671	.31649
Stddev	.0013	.0136	.00192	.00041	.00183	.00074	.0018	.00031
%RSD	.12134	.48125	.37621	.09862	.24653	.14358	.17119	.09936

#1	1.0610	2.8190	.51138	.41661	.74335	.51625	1.0660	.31623
#2	1.0636	2.8332	.50795	.41658	.73986	.51490	1.0661	.31641
#3	1.0623	2.8463	.51117	.41588	.74067	.51610	1.0692	.31684

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	.39958	.05611	.26694	.04713	.07718	1.4848	.05254	.58178
Stddev	.00042	.00021	.00050	.00020	.00057	.0044	.00038	.00516
%RSD	.10527	.36955	.18791	.42905	.74185	.29845	.73202	.88710

#1	.39912	.05609	.26724	.04691	.07724	1.4888	.05295	.57863
#2	.39994	.05591	.26636	.04731	.07772	1.4800	.05246	.58774
#3	.39969	.05633	.26721	.04717	.07658	1.4854	.05219	.57898

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	.84151	.01596	.77293	.15005	.49985	2.0842	12.908	
Stddev	.00111	.00026	.00582	.00021	.00111	.0065	.007	
%RSD	.13202	1.5988	.75355	.13843	.22224	.31027	.05225	

#1	.84279	.01614	.76738	.15028	.49861	2.0917	12.915	
#2	.84095	.01606	.77899	.14999	.50018	2.0809	12.906	
#3	.84079	.01567	.77241	.14988	.50076	2.0801	12.903	

Sample Name: S2 Acquired: 5/18/2017 14:50:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	1639.1	2480.7	51087.	4385.5	3182.7
Stddev	6.3	8.1	204.	9.2	8.3
%RSD	.38365	.32567	.39930	.20927	.26129
#1	1633.1	2471.5	50878.	4395.9	3173.8
#2	1638.6	2484.0	51285.	4378.5	3184.0
#3	1645.6	2486.6	51100.	4382.0	3190.2

Sample Name: S3 Acquired: 5/18/2017 14:54:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	.12847	.22177	2.5347	.14441	.47249	6.9877	22.305	1.6894
Stddev	.00045	.00108	.0052	.00029	.00181	.0009	.020	.0026
%RSD	.34873	.48549	.20476	.20217	.38323	.01295	.08971	.15134

#1	.12857	.22123	2.5307	.14426	.47352	6.9888	22.312	1.6891
#2	.12799	.22107	2.5328	.14421	.47040	6.9871	22.282	1.6921
#3	.12887	.22301	2.5405	.14474	.47356	6.9873	22.320	1.6870

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1636	5.6432	1.0060	.85298	1.4916	1.0197	2.1083	.64302
Stddev	.0041	.0176	.0032	.00187	.0033	.0024	.0096	.00265
%RSD	.18806	.31231	.31446	.21884	.21883	.23004	.45742	.41286

#1	2.1622	5.6306	1.0093	.85232	1.4938	1.0201	2.1064	.64170
#2	2.1604	5.6357	1.0030	.85153	1.4878	1.0218	2.0997	.64129
#3	2.1682	5.6633	1.0058	.85508	1.4931	1.0171	2.1187	.64608

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	.81326	.11548	.54171	.09441	.16057	3.0052	.11446	1.1613
Stddev	.00030	.00013	.00088	.00059	.00027	.0031	.00055	.0031
%RSD	.03674	.11267	.16203	.62505	.16652	.10355	.47671	.26301

#1	.81356	.11551	.54254	.09464	.16087	3.0078	.11435	1.1595
#2	.81296	.11534	.54079	.09485	.16036	3.0018	.11397	1.1649
#3	.81327	.11560	.54178	.09374	.16049	3.0060	.11505	1.1596

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	1.6880	.02580	1.5148	.30969	1.0031	4.2729	25.865	
Stddev	.0070	.00019	.0044	.00089	.0020	.0105	.039	
%RSD	.41228	.72206	.28794	.28703	.19572	.24579	.15189	

#1	1.6923	.02564	1.5146	.30917	1.0053	4.2829	25.901	
#2	1.6800	.02576	1.5192	.30919	1.0014	4.2619	25.823	
#3	1.6917	.02600	1.5105	.31072	1.0027	4.2740	25.871	

Sample Name: S3 Acquired: 5/18/2017 14:54:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	1576.2	2369.9	49357.	4321.4	2938.2
Stddev	6.1	9.2	163.	4.7	6.0
%RSD	.38885	.38979	.32986	.10987	.20530
#1	1570.3	2360.6	49221.	4322.9	2933.8
#2	1575.6	2379.1	49537.	4316.1	2945.1
#3	1582.5	2370.0	49312.	4325.2	2935.6

Sample Name: S4 Acquired: 5/18/2017 14:58:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	.26017	.42946	5.0722	.28509	.94771	13.874	43.443	3.3367
Stddev	.00195	.00190	.0253	.00206	.00727	.056	.026	.0211
%RSD	.74793	.44317	.49966	.72106	.76716	.40590	.06034	.63258

#1	.25825	.42793	5.0499	.28315	.94072	13.881	43.417	3.3398
#2	.26014	.42885	5.0671	.28489	.94719	13.815	43.442	3.3142
#3	.26214	.43159	5.0998	.28724	.95523	13.927	43.469	3.3561

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3027	11.028	1.9355	1.7012	2.9273	1.9925	4.0447	1.2809
Stddev	.0109	.044	.0043	.0084	.0066	.0115	.0210	.0042
%RSD	.25318	.39511	.22483	.49595	.22571	.57671	.52008	.32939

#1	4.2916	11.056	1.9375	1.6939	2.9341	1.9957	4.0542	1.2853
#2	4.3030	10.978	1.9305	1.6993	2.9209	1.9798	4.0206	1.2770
#3	4.3133	11.051	1.9385	1.7104	2.9269	2.0021	4.0593	1.2803

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	1.6073	.23211	1.0773	.18513	.32305	5.9976	.23782	2.2580
Stddev	.0070	.00053	.0026	.00084	.00105	.0136	.00170	.0138
%RSD	.43497	.22785	.24256	.45407	.32477	.22703	.71468	.61103

#1	1.6021	.23258	1.0782	.18567	.32271	6.0047	.23663	2.2606
#2	1.6046	.23154	1.0744	.18416	.32423	5.9819	.23705	2.2431
#3	1.6153	.23221	1.0794	.18555	.32221	6.0063	.23976	2.2703

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.2965	.04363	2.9745	.61808	1.9612	8.5104	50.468	
Stddev	.0224	.00038	.0156	.00404	.0092	.0056	.116	
%RSD	.67840	.87120	.52512	.65326	.47130	.06619	.23003	

#1	3.2791	.04354	2.9830	.61490	1.9612	8.5169	50.528	
#2	3.2887	.04330	2.9565	.61673	1.9519	8.5067	50.335	
#3	3.3217	.04404	2.9841	.62263	1.9704	8.5076	50.543	

Sample Name: S4 Acquired: 5/18/2017 14:58:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	1510.7	2248.2	48050.	4262.5	2687.1
Stddev	1.8	15.8	107.	30.3	14.2
%RSD	.12031	.70406	.22264	.71088	.52809
#1	1511.5	2261.1	48089.	4252.8	2697.4
#2	1512.0	2253.1	48131.	4296.5	2692.9
#3	1508.6	2230.5	47929.	4238.2	2670.9

Sample Name: S5 Acquired: 5/18/2017 15:02:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	.54010	.82799	10.062	.58267	1.9741	28.300	85.289	6.6886
Stddev	.00161	.00358	.030	.00147	.0039	.047	.525	.0524
%RSD	.29804	.43239	.30282	.25295	.19728	.16466	.61556	.78349

#1	.54115	.83192	10.076	.58328	1.9765	28.340	84.704	6.7479
#2	.53825	.82492	10.027	.58099	1.9696	28.311	85.442	6.6485
#3	.54091	.82712	10.083	.58375	1.9762	28.249	85.720	6.6693

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	8.4724	21.891	3.7081	3.3827	5.8971	3.8689	7.8179	2.5538
Stddev	.0185	.104	.0111	.0051	.0025	.0293	.0346	.0111
%RSD	.21791	.47592	.29811	.15073	.04186	.75637	.44305	.43546

#1	8.4757	22.011	3.7107	3.3832	5.8943	3.9026	7.8579	2.5662
#2	8.4525	21.837	3.6960	3.3773	5.8986	3.8498	7.7966	2.5448
#3	8.4890	21.825	3.7176	3.3875	5.8985	3.8544	7.7992	2.5505

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	3.1624	.48718	2.1915	.36456	.67366	12.262	.49546	4.3285
Stddev	.0071	.00006	.0046	.00242	.00415	.010	.00132	.0346
%RSD	.22519	.01194	.21027	.66299	.61605	.07876	.26598	.79877

#1	3.1621	.48713	2.1968	.36713	.66932	12.253	.49569	4.3660
#2	3.1554	.48724	2.1891	.36233	.67759	12.272	.49404	4.2978
#3	3.1697	.48715	2.1885	.36422	.67409	12.260	.49665	4.3218

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.5646	.08422	5.8510	1.2238	3.8971	17.441	98.007	
Stddev	.0132	.00048	.0464	.0026	.0164	.040	1.084	
%RSD	.20100	.57243	.79267	.21327	.42086	.22730	1.1056	

#1	6.5701	.08454	5.9041	1.2261	3.9145	17.395	98.573	
#2	6.5495	.08366	5.8185	1.2210	3.8951	17.469	96.758	
#3	6.5741	.08446	5.8303	1.2243	3.8819	17.457	98.691	

Sample Name: S5 Acquired: 5/18/2017 15:02:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: 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	1373.1	2045.4	45433.	4132.0	2396.3
Stddev	5.2	7.5	127.	20.4	8.9
%RSD	.37826	.36757	.27858	.49433	.37028
#1	1378.7	2045.7	45564.	4108.6	2397.0
#2	1368.4	2052.7	45421.	4146.3	2404.8
#3	1372.3	2037.7	45312.	4141.0	2387.1

Sample Name: S6 Acquired: 5/18/2017 15:06:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76.682	36.970	10.075	4.1623	6.0268
Stddev	.753	.125	.049	.0123	.0187
%RSD	.98251	.33770	.48893	.29488	.31083

#1	76.038	37.108	10.115	4.1749	6.0404
#2	76.497	36.864	10.020	4.1503	6.0054
#3	77.511	36.939	10.091	4.1616	6.0345

Int. Std.	Y_3710
Units	Cts/S
Avg	3982.5
Stddev	21.3
%RSD	.53459

#1	3973.0
#2	4006.8
#3	3967.6

Sample Name: ICV Acquired: 5/18/2017 15:10:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	.9429934	1.070325	.9765487	.9673000	.9189471	F 3.162287
Stddev	.0044178	.002359	.0013480	.0024589	.0032208	.075114
%RSD	.4684911	.2204005	.1380350	.2542005	.3504825	2.375316

#1	.9453386	1.068131	.9777874	.9659089	.9162762	3.223150
#2	.9457441	1.070025	.9751131	.9701391	.9180413	3.185370
#3	.9378975	1.072820	.9767457	.9658521	.9225237	3.078340

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5049524	.4898174	.4647650	F 11.07529	.5290883	.4713048
Stddev	.0013808	.0030204	.0010722	.10570	.0025482	.0005254
%RSD	.2734571	.6166338	.2306879	.9543395	.4816162	.1114860

#1	.5062460	.4930318	.4656051	11.16594	.5279648	.4717209
#2	.5051128	.4870383	.4635574	11.10074	.5320051	.4707144
#3	.5034984	.4893822	.4651324	10.95919	.5272949	.4714791

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5175902	F 6.426377	.5437422	6.672499	.4805042	.4667722
Stddev	.0025862	.144634	.0052553	.125971	.0013194	.0009627
%RSD	.4996512	2.250629	.9665011	1.887912	.2745810	.2062518

#1	.5179979	6.558264	.5494657	6.747001	.4820269	.4670262
#2	.5199483	6.449165	.5426267	6.743441	.4797841	.4675823
#3	.5148244	6.271701	.5391342	6.527055	.4797015	.4657079

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.46265	.4849329	.9534205	9.436983	F -.007219	F 2.881375
Stddev	.08128	.0009639	.0176476	.007815	.001823	.019626
%RSD	.7768249	.1987795	1.850980	.0828124	25.24562	.6811467

#1	10.43556	.4856492	.9425022	9.434371	-.007625	2.903776
#2	10.55401	.4853125	.9737804	9.445769	-.008805	2.867201
#3	10.39837	.4838369	.9439789	9.430808	-.005228	2.873147

Sample Name: ICV Acquired: 5/18/2017 15:10:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.573029	-.170191	2.552756	F 2.333465	2.620512	.0035139
Stddev	.002758	.008129	.021387	.008067	.007184	.0006494
%RSD	.1071709	4.776564	.8377869	.3457047	.2741325	18.48069

#1	2.570464	-.167574	2.576824	2.342779	2.628082	.0041304
#2	2.572678	-.163694	2.535930	2.328656	2.613789	.0035754
#3	2.575945	-.179307	2.545515	2.328962	2.619665	.0028360

Elem	Sr4077
Units	ppm
Avg	.0142975
Stddev	.0002610
%RSD	1.825702

#1	.0145366
#2	.0143368
#3	.0140190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1700.040	2565.673	53066.59	4431.501	3496.231
Stddev	4.153	4.802	117.09	22.746	4.498
%RSD	.2443037	.1871559	.2206483	.5132775	.1286388

#1	1701.798	2569.762	53117.11	4405.256	3493.111
#2	1695.297	2560.385	52932.72	4443.749	3494.195
#3	1703.025	2566.871	53149.94	4445.498	3501.386

Sample Name: ICB Acquired: 5/18/2017 15:14:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000919	.0007895	.0008544	.0037831	.0006705	.0058287
Stddev	.001151	.0014691	.0006460	.0012194	.0015175	.0026701
%RSD	125.1807	186.0911	75.61222	32.23289	226.3228	45.80880

#1	-.001866	.0004216	.0001470	.0027652	.0020133	.0065016
#2	-.001253	.0024076	.0014132	.0034495	-.000976	.0080980
#3	.000361	-.000461	.0010031	.0051346	.000974	.0028866

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001050	-.000068	.0000046	.0153433	-.000178	-.000025
Stddev	.000419	.000058	.0001261	.0212399	.000153	.000080
%RSD	39.92262	85.82465	2745.104	138.4311	85.82102	321.0911

#1	-.000785	-.000096	-.000136	.0122728	-.000353	-.000078
#2	-.001534	-.000107	.000108	.0379514	-.000101	.000067
#3	-.000832	-.000001	.000042	-.004194	-.000079	-.000063

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000060	-.001231	.0004058	.0693892	-.000245	.0006524
Stddev	.001821	.007418	.0003327	.0624306	.000091	.0003635
%RSD	3024.984	602.7750	81.98429	89.97151	37.21325	55.70966

#1	.000756	.005117	.0004671	.0347139	-.000165	.0006439
#2	-.002147	-.009385	.0007035	.0319931	-.000226	.0002933
#3	.001210	.000576	.0000467	.1414607	-.000344	.0010201

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.186288	-.001465	-.000448	.1246595	-.000499	F .0112807
Stddev	.074440	.002466	.007687	.0267893	.002278	.0010020
%RSD	39.95940	168.3030	1717.682	21.49001	456.7248	8.882294

#1	-.101596	.001366	.001584	.0945428	.001003	.0123056
#2	-.241352	-.002618	-.008946	.1336017	-.003120	.0112331
#3	-.215917	-.003144	.006020	.1458340	.000620	.0103033

Sample Name: ICB Acquired: 5/18/2017 15:14:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007294	-.148421	-.000316	-.000332	-.000721	.0012459
Stddev	.0004214	.003098	.000405	.001215	.000617	.0002553
%RSD	57.77275	2.087226	128.1842	365.6012	85.58868	20.48746

#1	.0011017	-.147468	-.000167	-.001560	-.001415	.0012381
#2	.0002720	-.145911	-.000007	.000870	-.000516	.0015050
#3	.0008144	-.151883	-.000774	-.000306	-.000233	.0009947

Elem	Sr4077
Units	ppm
Avg	-.000028
Stddev	.000022
%RSD	76.68103

#1	-.000041
#2	-.000041
#3	-.000003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.944	2602.472	53880.99	4407.625	3710.827
Stddev	4.565	6.265	62.40	17.411	6.543
%RSD	.2658682	.2407197	.1158106	.3950116	.1763136

#1	1713.419	2595.697	53814.90	4387.931	3703.279
#2	1715.312	2603.663	53938.89	4413.976	3714.331
#3	1722.100	2608.056	53889.20	4420.969	3714.872

Sample Name: ICSA Acquired: 5/18/2017 15:18:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	-.001288	-.010987	-.000181	-.014674	.0031794	241.1150
Stddev	.004006	.003302	.001282	.002372	.0019604	.8358
%RSD	311.0156	30.05430	708.4627	16.16828	61.65953	.3466308

#1	.002785	-.007663	-.001558	-.017410	.0010611	240.2028
#2	-.001426	-.011033	.000978	-.013422	.0049298	241.8440
#3	-.005223	-.014266	.000038	-.013189	.0035473	241.2982

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048977	.0008200	.0032701	241.7244	.0475425	-.000435
Stddev	.0000659	.0000672	.0000722	.2526	.0006551	.000179
%RSD	1.344683	8.189249	2.209294	.1044894	1.377903	41.26643

#1	.0048759	.0007501	.0032561	241.8006	.0482341	-.000467
#2	.0049717	.0008840	.0033483	241.4425	.0469313	-.000242
#3	.0048456	.0008257	.0032059	241.9302	.0474621	-.000596

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226390	105.4526	.0205810	251.8710	.0022147	-.003133
Stddev	.0017474	.7905	.0010733	.4693	.0002264	.000224
%RSD	7.718654	.7496703	5.214786	.1863237	10.22420	7.164123

#1	.0219682	104.6711	.0194285	251.5850	.0020423	-.002874
#2	.0246224	106.2519	.0207629	251.6155	.0021306	-.003279
#3	.0213263	105.4348	.0215518	252.4127	.0024711	-.003244

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4507552	-.000862	.0281209	-.089234	-.002124	F -.277190
Stddev	.1400028	.004097	.0055483	.056094	.002802	.000894
%RSD	31.05961	475.0403	19.73032	62.86151	131.9498	.3226374

#1	.4343803	-.004250	.0217760	-.029643	-.003653	-.278182
#2	.3196599	-.002028	.0305251	-.097048	-.003829	-.276940
#3	.5982255	.003691	.0320617	-.141011	.001110	-.276446

Sample Name: ICSA Acquired: 5/18/2017 15:18:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	.0003778	-.042801	.0181935	-.001838	.0047973	.0042936
Stddev	.0002799	.006474	.0007184	.001056	.0005956	.0004498
%RSD	74.07793	15.12653	3.948497	57.41339	12.41429	10.47674

#1	.0006262	-.036610	.0175305	-.002230	.0054763	.0046444
#2	.0004325	-.042268	.0180933	-.002642	.0045521	.0037865
#3	.0000746	-.049526	.0189567	-.000643	.0043635	.0044501

Elem	Sr4077
Units	ppm
Avg	.1036767
Stddev	.0002760
%RSD	.2662349

#1	.1034115
#2	.1036562
#3	.1039624

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1547.607	2342.956	48482.31	4257.815	2845.713
Stddev	1.412	7.829	108.39	8.385	6.909
%RSD	.0912187	.3341716	.2235668	.1969320	.2428017

#1	1546.227	2334.115	48553.21	4266.801	2837.746
#2	1547.544	2345.741	48536.19	4250.200	2850.062
#3	1549.048	2349.014	48357.54	4256.445	2849.332

Sample Name: ICSAB Acquired: 5/18/2017 15:41:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	.0956740	.1057878	.0472607	.0286005	.5840818	239.8405
Stddev	.0037922	.0002342	.0025667	.0037059	.0044081	.2961
%RSD	3.963658	.2213937	5.430823	12.95759	.7547004	.1234592

#1	.0917973	.1060467	.0445499	.0243675	.5816494	239.9170
#2	.0993756	.1057263	.0496536	.0301737	.5891702	240.0909
#3	.0958490	.1055905	.0475787	.0312603	.5814259	239.5137

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4977943	.4952254	.9528808	237.1448	.5483081	.4821527
Stddev	.0005052	.0008518	.0041280	.5205	.0015822	.0012908
%RSD	.1014949	.1720096	.4332098	.2195035	.2885543	.2677188

#1	.4979868	.4942878	.9481267	236.7396	.5482737	.4809553
#2	.4972211	.4959517	.9555555	236.9629	.5499072	.4835201
#3	.4981749	.4954367	.9549603	237.7319	.5467434	.4819825

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5255360	104.9540	.5203155	247.6199	.9612558	F .1448249
Stddev	.0019563	.3838	.0026704	.4968	.0025400	.0003474
%RSD	.3722441	.3656387	.5132260	.2006399	.2642423	.2398572

#1	.5275429	104.5402	.5232600	247.1652	.9585368	.1451981
#2	.5254305	105.2982	.5180504	247.5443	.9635677	.1447658
#3	.5236346	105.0237	.5196362	248.1502	.9616629	.1445109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3229710	.5125512	1.019313	-.223417	-.024441	F -.281714
Stddev	.1371280	.0049872	.034614	.030029	.003097	.000676
%RSD	42.45831	.9730047	3.395818	13.44070	12.67229	.2398246

#1	.1669528	.5182827	.986381	-.250709	-.024282	-.282041
#2	.3775742	.5101698	1.055394	-.228292	-.021427	-.280937
#3	.4243860	.5092012	1.016164	-.191248	-.027615	-.282164

Sample Name: ICSAB Acquired: 5/18/2017 15:41:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	-.000101	-.111432	-.003229	-.002147	-.002103	.0036426
Stddev	.000674	.009741	.001177	.001392	.001405	.0005846
%RSD	667.9562	8.741925	36.44182	64.84432	66.82241	16.04963

#1	.000109	-.102232	-.003769	-.003071	-.002703	.0032882
#2	-.000855	-.121637	-.001880	-.000546	-.000497	.0043174
#3	.000443	-.110429	-.004040	-.002823	-.003110	.0033222

Elem	Sr4077
Units	ppm
Avg	.1026035
Stddev	.0001460
%RSD	.1423181

#1	.1027708
#2	.1025383
#3	.1025015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1509.058	2298.503	47795.75	4205.447	2812.597
Stddev	3.787	11.543	122.62	5.458	10.953
%RSD	.2509831	.5021773	.2565520	.1297800	.3894334

#1	1513.376	2290.430	47789.48	4204.290	2805.699
#2	1506.299	2293.355	47676.39	4211.390	2806.867
#3	1507.498	2311.724	47921.39	4200.660	2825.227

Sample Name: CCV025 Acquired: 5/18/2017 15:45:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.936808	4.755864	24.38307	4.788850	4.857054	381.5457
Stddev	.011352	.009259	.02767	.011175	.015042	2.9879
%RSD	.2299383	.1946940	.1134791	.2333638	.3096946	.7831007

#1	4.948423	4.751894	24.41307	4.792134	4.871165	379.9550
#2	4.925739	4.766446	24.37759	4.798016	4.858768	379.6896
#3	4.936261	4.749251	24.35855	4.776400	4.841228	384.9924

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.680592	.4850332	2.421553	379.1973	14.73112	2.427941
Stddev	.050911	.0046823	.001625	4.2601	.06398	.004693
%RSD	.5259056	.9653630	.0671244	1.123464	.4342965	.1932843

#1	9.665114	.4804170	2.423377	376.2116	14.70508	2.433123
#2	9.639216	.4849035	2.420259	377.3044	14.68426	2.423979
#3	9.737445	.4897790	2.421021	384.0759	14.80401	2.426719

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82011	402.0442	14.13295	372.1382	2.402055	1.230802
Stddev	.08547	4.3510	.14669	2.9773	.005187	.006652
%RSD	.5767237	1.082210	1.037947	.8000481	.2159547	.5404339

#1	14.79223	399.1977	14.02599	369.7084	2.407805	1.229625
#2	14.75206	399.8823	14.07268	371.2468	2.400633	1.224816
#3	14.91604	407.0527	14.30018	375.4594	2.397728	1.237963

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.1163	2.400625	15.93585	152.2418	5.026478	F 4.095448
Stddev	2.8727	.023035	.04206	.7338	.016889	.028445
%RSD	.7215763	.9595576	.2639470	.4820239	.3359966	.6945485

#1	396.3404	2.399177	15.90439	151.8890	5.045968	4.065232
#2	396.5780	2.378348	15.98363	151.7509	5.017330	4.099407
#3	401.4306	2.424350	15.91953	153.0854	5.016138	4.121707

Sample Name: CCV025 Acquired: 5/18/2017 15:45:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.792996	4.548534	4.939119	4.776963	4.907859	5.077174
Stddev	.013306	.031970	.045661	.012572	.043187	.026337
%RSD	.2776085	.7028661	.9244757	.2631775	.8799611	.5187396

#1	4.803766	4.572721	4.896424	4.791098	4.881986	5.079152
#2	4.797100	4.560594	4.933675	4.772764	4.883876	5.049904
#3	4.778121	4.512289	4.987258	4.767029	4.957715	5.102467

Elem	Sr4077
Units	ppm
Avg	4.987290
Stddev	.031216
%RSD	.6259112

#1	4.971547
#2	4.967079
#3	5.023242

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.364	2081.274	44861.16	4095.385	2395.455
Stddev	4.785	7.683	130.10	29.331	6.196
%RSD	.3486583	.3691468	.2900113	.7161940	.2586571

#1	1366.841	2074.062	44750.92	4117.756	2388.393
#2	1375.275	2080.406	45004.67	4106.220	2397.988
#3	1374.975	2089.354	44827.90	4062.178	2399.982

Sample Name: CCB025 Acquired: 5/18/2017 15:48:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	.0022282	.0000763	.0027644	-.000171	.0043741	-.002564
Stddev	.002050	.0010758	.0005870	.0031049	.000709	.0005828	.000145
%RSD	4162.697	48.28330	769.4247	112.3159	414.7450	13.32344	5.644251

#1	-.000944	.0031076	.0005549	.0060697	.000647	.0043231	-.002726
#2	-.001499	.0010286	-.000579	-.000091	-.000613	.0038185	-.002445
#3	.002296	.0025483	.000253	.002315	-.000546	.0049807	-.002522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	-.000055	.0206354	-.000001	.0000593	.0007013	.0098101
Stddev	.000020	.000095	.0063647	.000293	.0000911	.0011659	.0202199
%RSD	22.70877	171.3923	30.84362	25874.45	153.6141	166.2617	206.1134

#1	-.000090	-.000077	.0253030	.000219	.0001398	.0020099	.0227735
#2	-.000110	.000048	.0133853	-.000334	-.000040	-.000227	.0201451
#3	-.000069	-.000138	.0232178	.000111	.000078	.000321	-.013488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007417	.0517915	-.000333	.0004997	.0652000	-.001306	.0175361
Stddev	.0006702	.0256013	.000183	.0004195	.0454149	.003995	.0133916
%RSD	90.35620	49.43147	55.07186	83.94308	69.65480	305.7713	76.36587

#1	.0008288	.0655683	-.000286	.0007969	.1174406	-.003878	.0021986
#2	.0000323	.0675544	-.000178	.0006823	.0430428	-.003337	.0269091
#3	.0013642	.0222519	-.000536	.0000199	.0351167	.003296	.0235007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0916283	.0003856	.0091551	.0004921	-.182278	-.001008	-.000009
Stddev	.0094512	.0004362	.0006719	.0001495	.011772	.000610	.000851
%RSD	10.31468	113.1189	7.339246	30.38610	6.458330	60.47898	9827.878

#1	.0810211	.0005146	.0092932	.0004362	-.183589	-.001676	.000893
#2	.0991544	.0007427	.0097472	.0006615	-.169905	-.000868	-.000121
#3	.0947095	-.000101	.0084248	.0003785	-.193339	-.000480	-.000798

Sample Name: CCB025 Acquired: 5/18/2017 15:48:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000289	-.000135	.0000542
Stddev	.001395	.000589	.0000338
%RSD	483.0778	435.5683	62.29477

#1	-.001366	-.000408	.0000740
#2	-.000788	-.000539	.0000152
#3	.001288	.000541	.0000734

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.520	2565.387	53309.15	4348.887	3672.747
Stddev	8.136	8.741	60.75	10.462	9.827
%RSD	.4801461	.3407340	.1139644	.2405716	.2675781

#1	1685.432	2556.926	53351.77	4336.821	3664.765
#2	1697.001	2564.851	53336.10	4354.401	3669.754
#3	1701.126	2574.383	53239.59	4355.438	3683.723

Sample Name: PB98995BL Acquired: 5/18/2017 15:53:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB98995BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006576	.0005503	-.000312	.0033594	.0006331	.0045596	-.002486
Stddev	.0018190	.0005186	.000376	.0018599	.0010550	.0022413	.000169
%RSD	276.6197	94.23289	120.7498	55.36403	166.6362	49.15515	6.798228

#1	-.000998	.0004031	-.000471	.0051117	.0016205	.0037991	-.002373
#2	.000365	.0011267	-.000582	.0035587	-.000478	.0070821	-.002680
#3	.002605	.0001213	.000118	.0014079	.000757	.0027975	-.002404

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000094	-.000009	-.000845	-.000216	-.000195	.0027724	.0016540
Stddev	.000003	.000111	.006929	.000134	.000161	.0015086	.0210823
%RSD	2.947999	1235.945	819.7419	61.86183	82.71886	54.41441	1274.656

#1	-.000092	-.000086	-.003192	-.000342	-.000108	.0042271	-.018192
#2	-.000092	-.000059	.006952	-.000232	-.000380	.0028750	.023786
#3	-.000097	.000118	-.006297	-.000075	-.000095	.0012151	-.000632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010763	.0537008	-.000078	.0007270	-.028798	-.002700	.0174396
Stddev	.0008386	.0229153	.000247	.0000961	.126459	.004990	.0136331
%RSD	77.92171	42.67223	318.2968	13.22411	439.1214	184.7728	78.17353

#1	.0011920	.0710651	-.000359	.0007890	-.120959	-.004773	.0331607
#2	.0001858	.0623093	.000101	.0006163	-.080808	-.006320	.0088748
#3	.0018510	.0277278	.000026	.0007758	.115373	.002991	.0102832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0441186	.0002467	.0039384	-.000077	-.177322	-.001600	.0000347
Stddev	.0299361	.0012241	.0010505	.000183	.001284	.000407	.0002019
%RSD	67.85366	496.2036	26.67193	237.1774	.7242980	25.40396	580.9953

#1	.0257191	.0014168	.0050558	.000023	-.176709	-.002059	.0002503
#2	.0786613	-.001025	.0029711	.000034	-.178798	-.001284	.0000039
#3	.0279754	.000348	.0037883	-.000289	-.176459	-.001458	-.000150

Sample Name: PB98995BL Acquired: 5/18/2017 15:53:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PB98995BL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000481	-.000659	-.000054
Stddev	.000472	.000746	.000030
%RSD	98.10819	113.2160	56.09198

#1	-.000786	-.000106	-.000088
#2	-.000720	-.000363	-.000033
#3	.000063	-.001507	-.000040

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.554	2568.241	53282.59	4368.937	3670.573
Stddev	.327	7.480	102.33	20.732	9.405
%RSD	.0193140	.2912323	.1920501	.4745390	.2562278

#1	1695.400	2560.659	53167.64	4350.626	3659.906
#2	1695.930	2575.613	53363.74	4364.738	3677.673
#3	1695.333	2568.451	53316.40	4391.447	3674.139

Sample Name: PB98995BS Acquired: 5/18/2017 15:57:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PB98995BS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158625	.0495355	.0196647	.0726188	.1113071	.3754445
Stddev	.0029785	.0005517	.0009013	.0026800	.0010666	.0051136
%RSD	18.77720	1.113730	4.583160	3.690522	.9582078	1.362014

#1	.0156989	.0497977	.0186291	.0724370	.1101612	.3704250
#2	.0129692	.0489016	.0200940	.0753851	.1114893	.3752613
#3	.0189195	.0499072	.0202711	.0700344	.1122708	.3806473

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3850894	.0093239	.0088752	9.322274	.0216308	.0881966
Stddev	.0006893	.0001447	.0001198	.026215	.0003479	.0000131
%RSD	.1789996	1.551844	1.349698	.2812132	1.608444	.0148628

#1	.3853110	.0092697	.0088406	9.305266	.0219303	.0881879
#2	.3843165	.0094879	.0087766	9.352464	.0212492	.0881902
#3	.3856406	.0092142	.0090085	9.309091	.0217130	.0882117

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526699	.2232627	.0311938	9.006358	.0714596	.0187918
Stddev	.0007454	.0118971	.0017285	.071873	.0003887	.0003082
%RSD	1.415173	5.328737	5.541150	.7980267	.5440125	1.640338

#1	.0519381	.2239851	.0316861	9.001734	.0713225	.0188406
#2	.0526435	.2347821	.0292726	9.080431	.0718984	.0190727
#3	.0534281	.2110208	.0326228	8.936908	.0711580	.0184620

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.579890	.0962459	.1208197	8.643123	F .0303868	F .0230016
Stddev	.081935	.0028321	.0073537	.026857	.0011650	.0013755
%RSD	.8552774	2.942534	6.086505	.3107373	3.833869	5.980066

#1	9.668601	.0965501	.1124010	8.660537	.0311068	.0229387
#2	9.564013	.0989135	.1240691	8.656640	.0290427	.0244075
#3	9.507056	.0932739	.1259889	8.612193	.0310109	.0216586

Sample Name: PB98995BS Acquired: 5/18/2017 15:57:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB98995BS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215128	.3118101	.1918211	F .0167948	.2020657	.0923900
Stddev	.0000666	.0085041	.0004082	.0005350	.0022332	.0011261
%RSD	.3095489	2.727325	.2128020	3.185751	1.105191	1.218894

#1	.0215228	.3215272	.1919510	.0161786	.2022029	.0921778
#2	.0214417	.3081772	.1921486	.0171418	.2042272	.0913851
#3	.0215738	.3057258	.1913638	.0170640	.1997671	.0936072

Elem	Sr4077
Units	ppm
Avg	.2062649
Stddev	.0003457
%RSD	.1675853

#1	.2065734
#2	.2063300
#3	.2058913

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.882	2466.888	52724.29	4395.269	3472.987
Stddev	8.419	6.423	183.96	20.226	2.744
%RSD	.5146226	.2603511	.3489097	.4601735	.0789984

#1	1631.492	2460.959	52566.65	4400.773	3470.636
#2	1630.565	2473.710	52926.41	4372.861	3472.324
#3	1645.588	2465.994	52679.80	4412.173	3476.002

Sample Name: I3130-01 Acquired: 5/18/2017 16:01:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987244	.0087839	2.784031	-.002232	.0050317	12.89299	.5814749
Stddev	.0019050	.0007316	.005390	.000721	.0007162	.02060	.0018869
%RSD	1.929661	8.328739	.1936184	32.29564	14.23356	.1597879	.3245087

#1	.0967575	.0079788	2.789838	-.001966	.0047867	12.90998	.5834795
#2	.0988550	.0094080	2.783069	-.003048	.0044701	12.87008	.5812121
#3	.1005608	.0089649	2.779186	-.001682	.0058382	12.89892	.5797332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008247	.0040707	301.0503	.1796414	.0199405	1.743701	26.81351
Stddev	.0000861	.0000922	1.2335	.0007161	.0003417	.003968	.07625
%RSD	10.44610	2.264727	.4097349	.3986443	1.713376	.2275389	.2843557

#1	.0009163	.0039946	302.4046	.1797027	.0198337	1.747581	26.85673
#2	.0007453	.0040442	300.7551	.1803250	.0196650	1.739651	26.72547
#3	.0008126	.0041732	299.9912	.1788966	.0203228	1.743872	26.85832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.525801	106.8999	.0249847	-.000161	.4699312	.4255014	.8575834
Stddev	.005634	.6686	.0004859	.000483	.1285025	.0068535	.0185877
%RSD	.3692605	.6254813	1.944921	299.1995	27.34496	1.610690	2.167445

#1	1.530926	107.6157	.0244455	-.000169	.6170663	.4330365	.8363359
#2	1.519768	106.7927	.0253886	.000325	.3797401	.4238285	.8708355
#3	1.526709	106.2914	.0251200	-.000640	.4129872	.4196393	.8655789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.331523	.8123414	-.027452	.0219350	17.93624	1.738252	.0029602
Stddev	.010268	.0049562	.000703	.0002171	.04854	.012973	.0003025
%RSD	.2370416	.6101137	2.559639	.9896476	.2706330	.7462987	10.21887

#1	4.340965	.8160933	-.026921	.0217449	17.92807	1.745951	.0030045
#2	4.320593	.8067229	-.028249	.0218886	17.89230	1.723275	.0026380
#3	4.333010	.8142080	-.027187	.0221715	17.98834	1.745530	.0032381

Sample Name: I3130-01 Acquired: 5/18/2017 16:01:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC11 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2310117	.0346293	.8463199
Stddev	.0020165	.0004495	.0024613
%RSD	.8728940	1.298032	.2908220

#1	.2330297	.0351232	.8491013
#2	.2289967	.0342442	.8454349
#3	.2310089	.0345205	.8444235

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1530.401	2319.855	49461.88	4334.434	2962.497
Stddev	4.996	4.504	53.78	16.388	3.225
%RSD	.3264190	.1941652	.1087238	.3780861	.1088722

#1	1532.617	2320.201	49523.03	4315.788	2963.348
#2	1524.681	2315.188	49421.94	4346.554	2958.931
#3	1533.905	2324.177	49440.67	4340.958	2965.211

Sample Name: I3130-02 Acquired: 5/18/2017 16:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2441091	-.038991	4.760224	-.081890	.0226515	87.02427	2.562073
Stddev	.0027000	.000919	.005366	.001296	.0022562	.09813	.003482
%RSD	1.106055	2.356975	.1127194	1.582805	9.960458	.1127637	.1358867

#1	.2457346	-.037980	4.763905	-.083098	.0225950	86.91243	2.560283
#2	.2409924	-.039219	4.754067	-.082051	.0249353	87.06437	2.559850
#3	.2456004	-.039776	4.762698	-.080521	.0204240	87.09599	2.566085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138388	.0435357	322.2903	.2658907	.0991216	.7096825	417.2622
Stddev	.0001132	.0003459	.3803	.0010505	.0003390	.0018245	1.1202
%RSD	.8181186	.7944190	.1179931	.3950877	.3419643	.2570918	.2684567

#1	.0139587	.0438274	321.9981	.2669354	.0990163	.7085336	416.6844
#2	.0138239	.0431536	322.7203	.2648345	.0988479	.7087277	416.5488
#3	.0137337	.0436261	322.1526	.2659022	.0995008	.7117864	418.5532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.38295	99.23456	.2964686	-.006455	3.000046	.3431109	6.631461
Stddev	.00799	.10016	.0014003	.000340	.099101	.0028649	.071830
%RSD	.0487807	.1009358	.4723161	5.259583	3.303307	.8349879	1.083171

#1	16.37472	99.32623	.2980160	-.006080	2.982570	.3417072	6.566338
#2	16.39067	99.12765	.2961009	-.006742	3.106723	.3412184	6.619540
#3	16.38347	99.24980	.2952888	-.006544	2.910846	.3464069	6.708506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.92280	13.70120	-1.08656	.0113420	25.98930	4.329968	.5175513
Stddev	.04007	.00581	.00239	.0001566	.07724	.003412	.0024591
%RSD	.3360986	.0423883	.2197733	1.380850	.2971803	.0787962	.4751407

#1	11.88077	13.69488	-1.08413	.0112316	26.05516	4.326377	.5202023
#2	11.96057	13.70241	-1.08890	.0112733	25.90429	4.330363	.5153447
#3	11.92707	13.70630	-1.08666	.0115213	26.00846	4.333166	.5171068

Sample Name: I3130-02 Acquired: 5/18/2017 16:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC13 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.038414	.1203581	.7617837
Stddev	.002798	.0008945	.0013989
%RSD	.2694895	.7432016	.1836283

#1	1.041274	.1193363	.7622709
#2	1.038288	.1207380	.7602064
#3	1.035681	.1209999	.7628738

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1668.550	2526.626	54630.49	4887.625	2754.761
Stddev	8.680	9.872	284.08	4.556	7.259
%RSD	.5202107	.3907049	.5200097	.0932207	.2634962

#1	1673.456	2521.889	54318.97	4891.134	2750.442
#2	1673.667	2537.973	54875.25	4889.265	2763.141
#3	1658.528	2520.015	54697.25	4882.475	2750.700

Sample Name: I3130-03 Acquired: 5/18/2017 16:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2022454	-.100490	8.157277	-.187078	.0278971	123.8942
Stddev	.0022465	.004189	.019333	.004849	.0015283	.3121
%RSD	1.110755	4.168216	.2370040	2.591707	5.478498	.2519448

#1	.1998122	-.105305	8.169099	-.186731	.0284798	123.5349
#2	.2026834	-.098485	8.134966	-.192091	.0261631	124.0485
#3	.2042406	-.097681	8.167764	-.182412	.0290484	124.0990

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.127696	.0166758	.1137720	284.1947	.3845671	.1165529
Stddev	.009193	.0000991	.0001034	.9309	.0067247	.0005023
%RSD	.1289692	.5945200	.0908983	.3275496	1.748645	.4309577

#1	7.123806	.0166748	.1138813	283.1347	.3815310	.1168887
#2	7.138194	.0167754	.1136757	284.8789	.3922745	.1167946
#3	7.121087	.0165771	.1137591	284.5707	.3798958	.1159755

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.104347	F 887.3473	11.57734	29.61920	.3225332	-.014807
Stddev	.005783	4.6411	.07480	.28105	.0012023	.000877
%RSD	.2748249	.5230360	.6461114	.9488806	.3727816	5.920237

#1	2.100829	882.0768	11.49107	29.36743	.3222667	-.014697
#2	2.101191	889.1418	11.62422	29.92243	.3214865	-.015734
#3	2.111022	890.8232	11.61672	29.56775	.3238464	-.013991

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.895227	.3358171	20.03544	13.82251	32.59706	-2.35214
Stddev	.138990	.0030236	.19573	.04483	.10366	.01497
%RSD	1.404619	.9003687	.9769361	.3243372	.3179940	.6364252

#1	9.912027	.3347610	19.93800	13.79516	32.65856	-2.33854
#2	10.02505	.3392271	20.26077	13.87425	32.47739	-2.36818
#3	9.74860	.3334632	19.90755	13.79811	32.65525	-2.34970

Sample Name: I3130-03 Acquired: 5/18/2017 16:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC14 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330875	35.91278	4.623829	.8168660	1.587207	.1070988
Stddev	.0006090	.15556	.022998	.0068000	.005216	.0011508
%RSD	1.840679	.4331609	.4973819	.8324525	.3286274	1.074552

#1	.0329714	36.00277	4.599128	.8246910	1.581453	.1061816
#2	.0337462	35.73316	4.644624	.8123901	1.588545	.1067246
#3	.0325449	36.00242	4.627734	.8135168	1.591624	.1083901

Elem	Sr4077
Units	ppm
Avg	1.287559
Stddev	.003681
%RSD	.2858740

#1	1.283572
#2	1.288277
#3	1.290828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1585.593	2423.585	52607.54	4715.757	2715.153
Stddev	10.817	4.248	417.84	14.895	3.935
%RSD	.6822248	.1752641	.7942542	.3158505	.1449451

#1	1590.592	2423.312	52742.97	4729.541	2710.833
#2	1573.180	2419.481	52138.78	4699.957	2716.090
#3	1593.007	2427.963	52940.86	4717.774	2718.535

Sample Name: I3130-04 Acquired: 5/18/2017 16:13:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1766324	-.065685	4.351256	-.112713	-.007280	84.67040	2.887068
Stddev	.0054303	.002408	.008495	.001670	.001001	.31417	.004311
%RSD	3.074350	3.665613	.1952364	1.481736	13.74322	.3710511	.1493235

#1	.1770591	-.067098	4.348639	-.110821	-.006149	84.50501	2.884359
#2	.1710014	-.062905	4.344377	-.113333	-.008048	84.47349	2.884805
#3	.1818368	-.067052	4.360752	-.113984	-.007644	85.03272	2.892039

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146037	.0481147	145.7444	.2488948	.1110403	.8690068	588.0322
Stddev	.0002939	.0002845	.2683	.0017812	.0004451	.0018106	1.7049
%RSD	2.012570	.5913228	.1841038	.7156542	.4008270	.2083470	.2899280

#1	.0142792	.0479577	145.6416	.2507549	.1105337	.8699356	588.2591
#2	.0148520	.0479431	145.5428	.2472046	.1112184	.8701646	586.2252
#3	.0146799	.0484431	146.0490	.2487249	.1113687	.8669204	589.6122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58362	45.06222	.1572726	-.011405	3.651012	.2911302	7.193695
Stddev	.03137	.21835	.0005839	.000717	.116015	.0081193	.009836
%RSD	.2151232	.4845578	.3712463	6.287771	3.177620	2.788882	.1367308

#1	14.55429	45.02550	.1572943	-.011998	3.531641	.2826570	7.202778
#2	14.57988	44.86456	.1566781	-.011607	3.658043	.2918918	7.195060
#3	14.61670	45.29661	.1578453	-.010608	3.763352	.2988419	7.183248

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.858789	14.80353	-1.58204	.0116880	28.11028	3.273593	2.490145
Stddev	.047856	.02308	.00589	.0002675	.04008	.011746	.002140
%RSD	.4854134	.1558824	.3719930	2.288928	.1425729	.3588235	.0859467

#1	9.809498	14.80173	-1.58866	.0119358	28.07923	3.286886	2.489040
#2	9.861802	14.78141	-1.58005	.0114044	28.15552	3.264612	2.492611
#3	9.905067	14.82746	-1.57740	.0117238	28.09608	3.269281	2.488782

Sample Name: I3130-04 Acquired: 5/18/2017 16:13:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAC15 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7846758	.1113182	.4387883
Stddev	.0004605	.0010047	.0013425
%RSD	.0586913	.9025371	.3059571

#1	.7847109	.1103621	.4387154
#2	.7851178	.1123652	.4374837
#3	.7841988	.1112272	.4401657

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1668.739	2536.091	55242.90	4891.660	2869.451
Stddev	16.853	10.460	181.92	17.120	4.326
%RSD	1.009951	.4124380	.3293030	.3499899	.1507517

#1	1651.439	2524.028	55075.17	4873.171	2864.614
#2	1669.671	2541.600	55217.24	4894.845	2872.947
#3	1685.108	2542.644	55436.28	4906.964	2870.793

Sample Name: I3130-05 Acquired: 5/18/2017 16:17:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1148616	-.038000	3.951520	-.067489	.0041881	94.78796	2.075499
Stddev	.0038848	.001987	.039726	.005428	.0003361	.27216	.004617
%RSD	3.382171	5.228739	1.005327	8.042600	8.024698	.2871216	.2224723

#1	.1191842	-.036929	3.984497	-.073739	.0038957	94.56088	2.080769
#2	.1137385	-.040292	3.907417	-.064779	.0045553	95.08964	2.073568
#3	.1116620	-.036777	3.962645	-.063951	.0041135	94.71337	2.072161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129613	.0448045	146.9039	.3773883	.0968007	.7621322	393.3232
Stddev	.0000844	.0004456	.0849	.0009491	.0006955	.0022053	.8808
%RSD	.6511302	.9944926	.0578246	.2514819	.7184507	.2893527	.2239483

#1	.0129157	.0452350	146.8172	.3771644	.0973075	.7598625	392.3328
#2	.0129094	.0443453	146.9870	.3765712	.0960078	.7622674	394.0191
#3	.0130587	.0448332	146.9077	.3784293	.0970867	.7642667	393.6175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.167465	43.14066	.1449102	-.003772	2.450241	.3253152	7.009323
Stddev	.006648	.13180	.0011139	.000217	.056456	.0028105	.036382
%RSD	.0813988	.3055158	.7686539	5.752290	2.304108	.8639251	.5190543

#1	8.165446	43.13239	.1455040	-.003955	2.468474	.3255986	7.015590
#2	8.174888	43.01318	.1436252	-.003532	2.495327	.3279732	7.042165
#3	8.162059	43.27640	.1456013	-.003828	2.386921	.3223737	6.970214

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.355669	13.39739	-1.03006	.0076796	23.10281	3.240119	.9123278
Stddev	.074408	.09614	.00135	.0001101	.14924	.010390	.0085298
%RSD	.8905075	.7175723	.1306223	1.433211	.6459709	.3206650	.9349537

#1	8.420849	13.48301	-1.02896	.0076730	23.21182	3.229122	.9189085
#2	8.274600	13.29339	-1.02965	.0075730	22.93272	3.241464	.9026909
#3	8.371559	13.41578	-1.03156	.0077928	23.16389	3.249770	.9153841

Sample Name: I3130-05 Acquired: 5/18/2017 16:17:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6078744	.0857916	.4462208
Stddev	.0032387	.0010973	.0001884
%RSD	.5327840	1.279058	.0422224

#1	.6045255	.0859365	.4464207
#2	.6109902	.0846290	.4460466
#3	.6081077	.0868093	.4461952

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1725.496	2614.676	56414.44	4948.380	2953.367
Stddev	6.457	21.139	154.79	4.179	21.618
%RSD	.3742256	.8084720	.2743816	.0844478	.7319904

#1	1718.763	2596.827	56243.68	4944.063	2934.044
#2	1726.089	2638.019	56454.10	4952.405	2976.715
#3	1731.636	2609.182	56545.55	4948.674	2949.340

Sample Name: I3130-06 Acquired: 5/18/2017 16:21:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1186740	-.039264	4.028145	-.070006	.0031334	96.04087	2.100620
Stddev	.0025050	.000431	.006112	.004445	.0010111	.58446	.013681
%RSD	2.110785	1.097492	.1517247	6.349308	32.26780	.6085583	.6512902

#1	.1215489	-.039275	4.028188	-.066130	.0042038	96.71087	2.116308
#2	.1169603	-.039690	4.034234	-.069031	.0021945	95.63571	2.091166
#3	.1175130	-.038828	4.022011	-.074858	.0030020	95.77603	2.094385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132553	.0459215	149.8014	.3864077	.0988589	.7703765	399.3759
Stddev	.0000858	.0002533	.7897	.0009641	.0002473	.0028898	1.8416
%RSD	.6475815	.5515033	.5271875	.2495129	.2501075	.3751140	.4611112

#1	.0133299	.0459228	150.7119	.3858382	.0990289	.7735547	401.4484
#2	.0131615	.0461742	149.3902	.3858642	.0989726	.7696680	397.9273
#3	.0132744	.0456677	149.3021	.3875209	.0985753	.7679069	398.7522

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.309885	43.90133	.1479847	-.003838	2.436599	.3267457	7.122833
Stddev	.032253	.23349	.0005956	.000546	.118382	.0042210	.078468
%RSD	.3881232	.5318590	.4024588	14.21938	4.858474	1.291836	1.101634

#1	8.339781	44.14845	.1478952	-.003251	2.529153	.3264918	7.175036
#2	8.314171	43.87113	.1474389	-.003933	2.303204	.3226574	7.160868
#3	8.275704	43.68441	.1486199	-.004330	2.477440	.3310880	7.032597

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.487545	13.67838	-1.04548	.0081654	23.54680	3.293408	.9294477
Stddev	.031978	.00779	.00306	.0003175	.01262	.019856	.0016620
%RSD	.3767601	.0569476	.2924575	3.887877	.0536144	.6028943	.1788136

#1	8.524270	13.66941	-1.04897	.0081525	23.54145	3.315857	.9311794
#2	8.465859	13.68347	-1.04330	.0084892	23.56122	3.278148	.9278655
#3	8.472507	13.68225	-1.04416	.0078547	23.53773	3.286218	.9292981

Sample Name: I3130-06 Acquired: 5/18/2017 16:21:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6172089	.0870506	.4524968
Stddev	.0039488	.0006704	.0017750
%RSD	.6397877	.7701079	.3922717

#1	.6206198	.0878239	.4545012
#2	.6128829	.0866939	.4518654
#3	.6181241	.0866340	.4511238

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1704.921	2591.063	55547.94	4888.327	2907.694
Stddev	6.703	7.065	77.46	32.862	3.268
%RSD	.3931695	.2726773	.1394453	.6722493	.1123979

#1	1701.408	2585.217	55616.41	4853.784	2904.104
#2	1700.703	2598.914	55463.87	4891.996	2910.497
#3	1712.650	2589.057	55563.55	4919.199	2908.480

Sample Name: I3130-07 Acquired: 5/18/2017 16:25:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2313994	.0560660	4.086492	-.023442	.0585704	91.52808
Stddev	.0050214	.0012725	.062762	.002611	.0009856	.00772
%RSD	2.170013	2.269582	1.535849	11.13829	1.682756	.0084302

#1	.2344887	.0551612	4.130504	-.020808	.0582874	91.52927
#2	.2256054	.0555159	4.014623	-.023490	.0577572	91.53513
#3	.2341039	.0575210	4.114348	-.026029	.0596665	91.51983

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.200191	.0888425	.1440510	203.0898	.6227094	1.143360
Stddev	.011374	.0002254	.0021388	.4702	.0040152	.016402
%RSD	.1834533	.2537231	1.484720	.2315290	.6447937	1.434536

#1	6.201066	.0889549	.1458644	203.5555	.6255266	1.152217
#2	6.188404	.0889897	.1416924	202.6152	.6244899	1.124433
#3	6.211102	.0885830	.1445963	203.0988	.6181119	1.153429

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.191967	463.8837	F 31.56380	65.89770	1.084461	.0284843
Stddev	.003890	1.1688	.07151	.14067	.014323	.0000861
%RSD	.3263388	.2519661	.2265617	.2134680	1.320753	.3023392

#1	1.187594	462.6917	31.63962	65.96963	1.094944	.0284514
#2	1.193266	465.0279	31.55423	65.73561	1.068141	.0284194
#3	1.195042	463.9314	31.49756	65.98786	1.090297	.0285820

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.870287	1.136104	8.325278	9.119781	15.68031	-1.25579
Stddev	.151768	.006140	.020412	.041660	.17560	.00505
%RSD	5.287549	.5404496	.2451770	.4568125	1.119851	.4019621

#1	3.041957	1.142773	8.344290	9.108828	15.77655	-1.25926
#2	2.753948	1.134854	8.303708	9.165823	15.47764	-1.25000
#3	2.814955	1.130685	8.327837	9.084691	15.78676	-1.25811

Sample Name: I3130-07 Acquired: 5/18/2017 16:25:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076849	24.05670	6.818822	.7321476	.6225788	.0884453
Stddev	.0005162	.27849	.002451	.0088101	.0029203	.0004404
%RSD	6.716895	1.157647	.0359433	1.203328	.4690693	.4978948

#1	.0082131	24.28437	6.821288	.7371338	.6195881	.0884130
#2	.0071816	23.74619	6.816387	.7219752	.6227249	.0880220
#3	.0076601	24.13956	6.818793	.7373339	.6254233	.0889009

Elem	Sr4077
Units	ppm
Avg	.4618630
Stddev	.0005691
%RSD	.1232107

#1	.4620319
#2	.4612286
#3	.4623285

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.554	2742.488	59696.77	5255.250	2836.398
Stddev	4.628	26.359	98.44	6.214	36.408
%RSD	.2554969	.9611294	.1648928	.1182501	1.283593

#1	1809.011	2730.962	59588.37	5251.115	2815.338
#2	1808.755	2772.647	59721.36	5252.239	2878.438
#3	1816.897	2723.855	59780.58	5262.397	2815.417

Sample Name: I3130-05LX5 Acquired: 5/18/2017 16:29:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0273863	-.006398	.8233848	-.012350	.0019034	20.53914	.4550030
Stddev	.0006381	.001156	.0045054	.003117	.0007793	.01494	.0016686
%RSD	2.330164	18.06185	.5471812	25.23514	40.94096	.0727417	.3667249

#1	.0276685	-.007718	.8215355	-.009076	.0010494	20.55517	.4565376
#2	.0266557	-.005568	.8285206	-.015280	.0020848	20.52560	.4532267
#3	.0278347	-.005908	.8200983	-.012695	.0025760	20.53666	.4552447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030997	.0082433	33.04411	.0877871	.0188324	.1705947	91.56521
Stddev	.0001137	.0001121	.12428	.0008502	.0004733	.0020719	.09088
%RSD	3.668893	1.359337	.3760916	.9685306	2.513035	1.214529	.0992522

#1	.0032260	.0083409	33.10304	.0887441	.0193358	.1729247	91.62395
#2	.0030055	.0082681	33.12796	.0871188	.0187650	.1699002	91.61114
#3	.0030675	.0081209	32.90133	.0874984	.0183965	.1689593	91.46053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.909024	9.689122	.0287495	-.000257	.4646378	.0725778	1.486378
Stddev	.007585	.075677	.0000023	.000359	.2138199	.0040427	.034208
%RSD	.3973235	.7810555	.0080075	139.9188	46.01862	5.570088	2.301465

#1	1.917687	9.734866	.0287517	-.000562	.7068063	.0740664	1.525663
#2	1.905806	9.730730	.0287498	.000139	.3852038	.0756650	1.463171
#3	1.903578	9.601770	.0287471	-.000347	.3019032	.0680019	1.470299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.762252	2.604411	-.232725	.0016520	4.374709	.7585020	.1833188
Stddev	.031263	.011940	.002824	.0002760	.034242	.0062543	.0011982
%RSD	1.774052	.4584675	1.213640	16.70590	.7827188	.8245550	.6536279

#1	1.795491	2.598427	-.234004	.0018263	4.358642	.7644587	.1845291
#2	1.757829	2.618160	-.234684	.0013338	4.414030	.7590596	.1832944
#3	1.733436	2.596645	-.229487	.0017960	4.351455	.7519875	.1821330

Sample Name: I3130-05LX5 Acquired: 5/18/2017 16:29:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1345833	.0170429	.0982268
Stddev	.0010838	.0003687	.0001890
%RSD	.8052800	2.163467	.1923576

#1	.1346416	.0169124	.0983742
#2	.1356368	.0174591	.0980138
#3	.1334716	.0167571	.0982923

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1703.463	2586.666	54095.86	4536.137	3402.739
Stddev	4.609	9.791	133.98	25.905	10.541
%RSD	.2705775	.3785287	.2476704	.5710911	.3097698

#1	1700.409	2576.953	54014.72	4508.269	3395.190
#2	1701.216	2586.512	54022.35	4540.658	3398.245
#3	1708.765	2596.534	54250.50	4559.485	3414.782

Sample Name: I3130-08 Acquired: 5/18/2017 16:33:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0822273	-.026271	1.104255	-.045501	.0085921	80.41283	1.551348
Stddev	.0036380	.001445	.004450	.003434	.0004969	.25789	.004669
%RSD	4.424364	5.499180	.4029979	7.547888	5.783229	.3207017	.3009673

#1	.0833257	-.027219	1.100111	-.048196	.0084118	80.66658	1.554136
#2	.0781667	-.026986	1.103697	-.046673	.0091540	80.42090	1.553951
#3	.0851896	-.024608	1.108958	-.041634	.0082106	80.15100	1.545958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106934	.0192302	169.9651	.2204975	.0794048	.3531620	275.2714
Stddev	.0000659	.0001794	.7336	.0008047	.0001646	.0006073	1.5275
%RSD	.6165031	.9330102	.4316399	.3649577	.2072945	.1719537	.5548966

#1	.0107695	.0191681	170.8040	.2200665	.0794672	.3538416	276.5788
#2	.0106551	.0190901	169.6474	.2200000	.0795290	.3526727	275.6429
#3	.0106556	.0194325	169.4438	.2214259	.0792181	.3529716	273.5924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.34812	36.00158	.1011819	-.004814	1.724662	.2636214	2.134465
Stddev	.03733	.19785	.0006356	.000671	.099164	.0039679	.007086
%RSD	.2796946	.5495639	.6281431	13.94361	5.749756	1.505135	.3319748

#1	13.39123	36.18751	.1018637	-.004839	1.837879	.2676505	2.132608
#2	13.32673	36.02358	.1006059	-.004131	1.682879	.2634960	2.142294
#3	13.32640	35.79365	.1010761	-.005473	1.653226	.2597177	2.128492

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.388832	6.685008	-.718476	.0085524	18.03941	4.126731	.0821724
Stddev	.043572	.024194	.003222	.0001558	.05125	.019075	.0016251
%RSD	.8085531	.3619113	.4484631	1.821945	.2841045	.4622260	1.977625

#1	5.429667	6.668880	-.721734	.0084007	18.04532	4.140055	.0829956
#2	5.393869	6.673317	-.718401	.0085444	17.98546	4.135258	.0803004
#3	5.342962	6.712827	-.715292	.0087120	18.08745	4.104880	.0832211

Sample Name: I3130-08 Acquired: 5/18/2017 16:33:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC17 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8025440	.0677956	.2590523
Stddev	.0026741	.0002021	.0008824
%RSD	.3331994	.2980701	.3406332

#1	.8056174	.0676443	.2597703
#2	.8007499	.0677175	.2593194
#3	.8012647	.0680251	.2580672

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.992	2648.361	56755.22	4974.681	3003.257
Stddev	9.317	4.186	177.74	20.216	4.306
%RSD	.5266978	.1580590	.3131761	.4063849	.1433915

#1	1759.727	2644.084	56623.06	4954.665	3000.212
#2	1778.360	2652.450	56957.29	4974.286	3008.184
#3	1768.890	2648.550	56685.31	4995.092	3001.374

Sample Name: I3130-09 Acquired: 5/18/2017 16:37:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0843105	-.021014	1.207383	-.041945	.0079620	83.35751	1.583499
Stddev	.0013533	.000803	.005019	.003494	.0007835	.16747	.001513
%RSD	1.605117	3.822152	.4157055	8.328731	9.840619	.2009070	.0955565

#1	.0844706	-.021939	1.212561	-.038407	.0085623	83.16575	1.582262
#2	.0855767	-.020496	1.207050	-.042035	.0070757	83.47500	1.583048
#3	.0828843	-.020607	1.202539	-.045393	.0082480	83.43178	1.585186

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112042	.0177044	181.9285	.2257123	.0677193	.3154826	248.4333
Stddev	.0000134	.0000253	.3714	.0009489	.0005812	.0038955	.7789
%RSD	.1198139	.1425962	.2041624	.4204118	.8582759	1.234786	.3135244

#1	.0111940	.0177254	181.7164	.2264843	.0683832	.3122724	247.7600
#2	.0112194	.0176764	182.3574	.2246529	.0674722	.3198165	249.2864
#3	.0111992	.0177114	181.7117	.2259997	.0673024	.3143590	248.2535

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.37534	38.27811	.0823656	-.004919	1.600037	.2942110	2.119559
Stddev	.03899	.04700	.0002749	.000319	.099607	.0057809	.010810
%RSD	.2712223	.1227911	.3338160	6.484342	6.225277	1.964883	.5099914

#1	14.34496	38.29718	.0821345	-.004829	1.657363	.2898507	2.132015
#2	14.41931	38.31258	.0822927	-.005274	1.657726	.2920139	2.112628
#3	14.36176	38.22457	.0826697	-.004656	1.485021	.3007683	2.114036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.332424	6.220408	-.638306	.0046102	17.81155	3.680571	.0524630
Stddev	.061416	.015412	.002970	.0004479	.09775	.014813	.0013923
%RSD	1.151748	.2477641	.4652456	9.714143	.5487963	.4024685	2.653771

#1	5.269084	6.233859	-.638862	.0051229	17.92221	3.680784	.0540369
#2	5.391716	6.223773	-.635097	.0042951	17.77548	3.695277	.0513922
#3	5.336471	6.203591	-.640958	.0044127	17.73696	3.665653	.0519600

Sample Name: I3130-09 Acquired: 5/18/2017 16:37:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAC18 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9451139	.0711417	.2749115
Stddev	.0017057	.0002796	.0004417
%RSD	.1804793	.3929741	.1606798

#1	.9455712	.0710687	.2746435
#2	.9465444	.0714505	.2754214
#3	.9432262	.0709059	.2746697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1754.586	2635.102	56656.27	4963.575	2990.028
Stddev	2.987	8.369	133.16	18.577	6.386
%RSD	.1702363	.3175863	.2350282	.3742748	.2135693

#1	1756.847	2625.643	56639.67	4973.848	2983.467
#2	1751.200	2641.545	56532.19	4942.130	2990.395
#3	1755.710	2638.118	56796.95	4974.747	2996.223

Sample Name: I3130-10 Acquired: 5/18/2017 16:41:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3909424	-.016471	1.549272	-.022733	.0104902	126.3512	2.305686
Stddev	.0061491	.003241	.006610	.002950	.0010043	.1245	.003318
%RSD	1.572898	19.67887	.4266389	12.97760	9.573690	.0985640	.1438887

#1	.3896931	-.013524	1.546641	-.025950	.0096413	126.4234	2.309378
#2	.3855138	-.019942	1.544382	-.022096	.0115989	126.4228	2.304726
#3	.3976202	-.015945	1.556792	-.020154	.0102303	126.2074	2.302954

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190255	.0267901	587.9516	.4603374	.0591220	1.044159	168.5478
Stddev	.0003521	.0002567	2.8487	.0018242	.0003422	.003046	.5674
%RSD	1.850479	.9583249	.4845155	.3962638	.5788383	.2917642	.3366430

#1	.0193574	.0268718	590.1465	.4624326	.0591922	1.046497	168.8380
#2	.0190630	.0265025	588.9758	.4594778	.0587501	1.040714	168.9115
#3	.0186562	.0269961	584.7323	.4591020	.0594236	1.045265	167.8940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.688668	150.1134	.1904933	-.003035	2.977617	.2862301	5.344046
Stddev	.011706	.7011	.0006865	.000142	.019708	.0038540	.035206
%RSD	.1208264	.4670802	.3603732	4.687404	.6618668	1.346471	.6587875

#1	9.699929	150.7784	.1900193	-.002896	2.954919	.2898763	5.384152
#2	9.689513	150.1806	.1901800	-.003027	2.987548	.2866167	5.318240
#3	9.676562	149.3810	.1912805	-.003181	2.990384	.2821974	5.329745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.69514	14.51704	-.285701	.0074071	72.65588	5.574158	.0978884
Stddev	.05193	.03985	.003202	.0002831	.22995	.034319	.0016769
%RSD	.4090574	.2745048	1.120700	3.821997	.3164853	.6156734	1.713048

#1	12.75106	14.50565	-.285202	.0075345	72.51387	5.612913	.0993524
#2	12.64842	14.48412	-.282778	.0076040	72.53258	5.561941	.0960589
#3	12.68594	14.56134	-.289123	.0070826	72.92118	5.547619	.0982538

Sample Name: I3130-10 Acquired: 5/18/2017 16:41:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC19 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.148713	.1565235	1.033313
Stddev	.003298	.0004356	.000890
%RSD	.1534881	.2782830	.0861707

#1	2.151534	.1560996	1.034341
#2	2.149518	.1565010	1.032814
#3	2.145087	.1569699	1.032784

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.854	2683.589	57704.95	5223.818	2626.276
Stddev	14.537	5.701	203.10	10.078	8.170
%RSD	.8140255	.2124309	.3519611	.1929286	.3110992

#1	1799.208	2688.335	57939.38	5221.740	2627.123
#2	1787.986	2685.167	57582.08	5214.941	2633.991
#3	1770.369	2677.266	57593.40	5234.774	2617.716

Sample Name: I3130-11 Acquired: 5/18/2017 16:45:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1227734	-.046772	1.049974	-.091470	.0140030	100.9691	1.391067
Stddev	.0052089	.002570	.007945	.002855	.0004136	.3287	.002648
%RSD	4.242673	5.494199	.7566531	3.120855	2.953946	.3255527	.1903451

#1	.1171675	-.045008	1.054782	-.090626	.0144784	100.6421	1.388966
#2	.1236890	-.045588	1.040804	-.089133	.0137256	101.2995	1.394041
#3	.1274638	-.049720	1.054337	-.094652	.0138049	100.9658	1.390193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167422	.0299596	37.31343	.5739715	.1692801	.3471186	513.4215
Stddev	.0000942	.0002458	.18165	.0011756	.0006108	.0033790	.5563
%RSD	.5626153	.8203782	.4868218	.2048149	.3608343	.9734494	.1083459

#1	.0168395	.0302147	37.52266	.5747691	.1699402	.3452165	512.7857
#2	.0167359	.0299397	37.22164	.5726215	.1687349	.3510200	513.6609
#3	.0166514	.0297244	37.19599	.5745240	.1691650	.3451194	513.8180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.33575	6.754458	.1316603	-.010365	2.357566	.5415809	1.748896
Stddev	.04767	.039012	.0003188	.000317	.141018	.0041852	.004993
%RSD	.2042674	.5775744	.2421423	3.054028	5.981502	.7727789	.2854985

#1	23.34429	6.789053	.1320171	-.010669	2.271702	.5441311	1.754187
#2	23.28439	6.762146	.1314032	-.010388	2.520317	.5367507	1.744267
#3	23.37857	6.712174	.1315607	-.010038	2.280679	.5438608	1.748232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.735521	7.100218	-1.41521	.0091544	11.16412	2.322239	.0472004
Stddev	.034136	.038576	.00365	.0001315	.02869	.005089	.0015043
%RSD	.5951714	.5433031	.2581756	1.435880	.2570061	.2191339	3.187071

#1	5.696517	7.128997	-1.41288	.0091423	11.17252	2.316650	.0475439
#2	5.759951	7.056385	-1.41942	.0090294	11.13216	2.323462	.0455541
#3	5.750096	7.115271	-1.41333	.0092915	11.18767	2.326604	.0485033

Sample Name: I3130-11 Acquired: 5/18/2017 16:45:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7654068	.0552369	.1390927
Stddev	.0019433	.0004983	.0004970
%RSD	.2538914	.9021528	.3573210

#1	.7663231	.0549381	.1394062
#2	.7667226	.0558121	.1393523
#3	.7631747	.0549604	.1385197

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.896	2784.684	59463.76	5141.939	3086.204
Stddev	8.817	2.974	189.69	11.094	4.602
%RSD	.4792287	.1067896	.3189980	.2157556	.1491035

#1	1849.132	2782.316	59618.66	5151.524	3081.185
#2	1831.567	2783.716	59520.42	5144.506	3090.225
#3	1838.989	2788.022	59252.20	5129.786	3087.202

Sample Name: I3130-12 Acquired: 5/18/2017 16:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1158485	-.026540	1.673658	-.059390	.0110052	99.21070	1.780219
Stddev	.0037064	.002943	.004528	.006139	.0018949	.07049	.004326
%RSD	3.199328	11.08919	.2705205	10.33689	17.21789	.0710503	.2430092

#1	.1178504	-.028014	1.672412	-.061928	.0128711	99.19015	1.780469
#2	.1115716	-.023152	1.669884	-.063852	.0090826	99.28918	1.784415
#3	.1181234	-.028456	1.678678	-.052388	.0110620	99.15277	1.775774

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132644	.0309971	76.78371	.3939203	.1502679	.5991593	356.4231
Stddev	.0002341	.0000868	.18272	.0019371	.0001547	.0033806	.2853
%RSD	1.764733	.2800303	.2379713	.4917477	.1029287	.5642213	.0800410

#1	.0130848	.0310014	76.75365	.3920936	.1504252	.5986224	356.7441
#2	.0135291	.0310816	76.61789	.3959515	.1501160	.6027762	356.3266
#3	.0131792	.0309082	76.97960	.3937157	.1502625	.5960793	356.1986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.10583	20.79990	.1635964	-.005729	2.167802	.4049598	4.279924
Stddev	.07533	.06949	.0011647	.000136	.131747	.0017016	.009149
%RSD	.3569192	.3340913	.7119288	2.373488	6.077434	.4201852	.2137582

#1	21.09636	20.72559	.1641683	-.005797	2.021046	.4030077	4.289303
#2	21.03569	20.81085	.1622563	-.005572	2.206478	.4061288	4.271025
#3	21.18545	20.86327	.1643646	-.005817	2.275881	.4057430	4.279444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.772942	11.38099	-.942588	.0103991	17.77894	3.588807	.0847029
Stddev	.064188	.01612	.001885	.0001089	.07815	.016798	.0025188
%RSD	.8257885	.1416150	.1999404	1.047194	.4395709	.4680754	2.973659

#1	7.709975	11.38456	-.941348	.0104504	17.84393	3.569839	.0831146
#2	7.838285	11.39501	-.941659	.0104730	17.80067	3.594775	.0876070
#3	7.770567	11.36338	-.944757	.0102741	17.69223	3.601806	.0833870

Sample Name: I3130-12 Acquired: 5/18/2017 16:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC21 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.142482	.0882905	.2011177
Stddev	.002926	.0006050	.0004562
%RSD	.2561379	.6851794	.2268228

#1	1.144741	.0878351	.2012827
#2	1.143529	.0889769	.2014685
#3	1.139176	.0880594	.2006020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.621	2648.539	57360.23	4964.615	3057.404
Stddev	4.753	5.897	113.83	2.988	1.855
%RSD	.2682785	.2226370	.1984547	.0601864	.0606689

#1	1768.852	2653.966	57270.43	4964.927	3059.447
#2	1768.901	2642.264	57488.26	4967.434	3055.825
#3	1777.109	2649.387	57322.01	4961.483	3056.940

Sample Name: I3130-13 Acquired: 5/18/2017 16:53:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987787	-.030979	.8476026	-.053762	.0113832	79.42679	.8345038
Stddev	.0018805	.004651	.0006519	.003874	.0007639	.14504	.0012290
%RSD	1.903739	15.01252	.0769124	7.205378	6.711052	.1826045	.1472701

#1	.0966191	-.026302	.8483553	-.052533	.0120312	79.55211	.8358980
#2	.0996625	-.031031	.8472164	-.050652	.0115774	79.46034	.8335774
#3	.1000545	-.035603	.8472362	-.058102	.0105409	79.26792	.8340359

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115565	.0209383	46.22824	.3606698	.1102460	.4904830	346.0099
Stddev	.0001052	.0002547	.14827	.0019950	.0005267	.0030952	.6632
%RSD	.9102301	1.216655	.3207384	.5531345	.4777614	.6310495	.1916716

#1	.0116707	.0209410	46.07472	.3617398	.1101699	.4875263	346.2635
#2	.0115353	.0206822	46.23935	.3619015	.1097615	.4937003	346.5089
#3	.0114635	.0211917	46.37064	.3583680	.1108066	.4902224	345.2573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.17049	11.45833	.1285275	-.006299	2.242205	.3237070	1.831029
Stddev	.03030	.07223	.0009207	.000217	.094459	.0067962	.029589
%RSD	.2489964	.6304134	.7163791	3.447992	4.212778	2.099479	1.615999

#1	12.16152	11.54163	.1295702	-.006181	2.338418	.3282515	1.800485
#2	12.14569	11.41298	.1278260	-.006550	2.238596	.3269753	1.859561
#3	12.20427	11.42038	.1281864	-.006166	2.149603	.3158941	1.833042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.094734	5.644513	-.937114	.0160166	10.38429	2.869354	.0449041
Stddev	.044776	.022319	.003772	.0005780	.03017	.003500	.0010765
%RSD	.6311125	.3954017	.4025565	3.609030	.2904941	.1219918	2.397430

#1	7.146375	5.642061	-.935166	.0165438	10.40695	2.867780	.0449846
#2	7.071100	5.623522	-.934713	.0153985	10.35005	2.873365	.0459381
#3	7.066727	5.667956	-.941462	.0161076	10.39587	2.866916	.0437895

Sample Name: I3130-13 Acquired: 5/18/2017 16:53:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAC23 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6346871	.0499273	.1390018
Stddev	.0030487	.0010384	.0003253
%RSD	.4803436	2.079857	.2340109

#1	.6382016	.0500984	.1387219
#2	.6327549	.0508695	.1393587
#3	.6331048	.0488139	.1389249

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1792.644	2687.047	57204.58	4925.196	3160.425
Stddev	5.889	12.277	28.43	4.345	7.830
%RSD	.3285216	.4568815	.0497070	.0882230	.2477558

#1	1788.533	2688.628	57172.46	4923.889	3159.970
#2	1799.391	2698.457	57226.53	4921.655	3168.473
#3	1790.009	2674.057	57214.76	4930.045	3152.832

Sample Name: I3130-14 Acquired: 5/18/2017 16:57:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1467499	-.031442	1.189890	-.064877	.0100124	99.56234	1.537024
Stddev	.0025836	.001219	.002729	.004262	.0015971	.17628	.003490
%RSD	1.760522	3.878118	.2293595	6.568802	15.95104	.1770570	.2270846

#1	.1440850	-.030102	1.187495	-.065100	.0111315	99.66254	1.533142
#2	.1492436	-.031737	1.189314	-.069022	.0107222	99.66569	1.539903
#3	.1469210	-.032487	1.192861	-.060508	.0081835	99.35880	1.538027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135696	.0236869	60.72545	.4230645	.1440051	.3612212	374.5984
Stddev	.0001645	.0001324	.09249	.0024248	.0002522	.0023243	1.1799
%RSD	1.212299	.5588824	.1523088	.5731615	.1751386	.6434633	.3149698

#1	.0136734	.0238318	60.63983	.4248786	.1440971	.3587998	375.2806
#2	.0136554	.0235723	60.82354	.4203103	.1437199	.3634345	375.2785
#3	.0133799	.0236565	60.71296	.4240045	.1441985	.3614292	373.2360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.51950	7.330910	.1110554	-.006943	2.189528	.4381718	2.395687
Stddev	.03926	.037767	.0004676	.000326	.114460	.0024887	.026478
%RSD	.1913490	.5151794	.4210395	4.700303	5.227623	.5679743	1.105247

#1	20.48822	7.367335	.1105285	-.006577	2.261574	.4380589	2.395685
#2	20.56356	7.291930	.1114210	-.007050	2.057546	.4357415	2.422166
#3	20.50672	7.333466	.1112166	-.007203	2.249465	.4407150	2.369209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.437530	14.67825	-1.01934	.0104662	14.14851	2.503389	.0376960
Stddev	.030074	.05540	.00477	.0003548	.07033	.002599	.0003114
%RSD	.3564346	.3774559	.4675519	3.390266	.4970917	.1038278	.8259565

#1	8.446558	14.73215	-1.02164	.0107993	14.22915	2.506386	.0376484
#2	8.462056	14.62145	-1.02251	.0105061	14.09986	2.501744	.0374112
#3	8.403975	14.68113	-1.01386	.0100930	14.11653	2.502038	.0380284

Sample Name: I3130-14 Acquired: 5/18/2017 16:57:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5035987	.0574684	.1722823
Stddev	.0014069	.0004673	.0003001
%RSD	.2793796	.8131540	.1741909

#1	.5020806	.0569376	.1720022
#2	.5048588	.0576501	.1722458
#3	.5038568	.0578177	.1725990

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.887	2688.585	57699.25	4955.020	3093.023
Stddev	3.684	4.757	137.96	8.307	2.167
%RSD	.2049248	.1769247	.2391099	.1676398	.0700594

#1	1802.133	2693.371	57679.13	4954.191	3094.810
#2	1795.532	2688.526	57846.18	4947.158	3093.647
#3	1795.997	2683.858	57572.46	4963.709	3090.613

Sample Name: I3130-15 Acquired: 5/18/2017 17:01:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1610743	-.033463	3.792784	-.060194	.0166634	111.6861	4.240112
Stddev	.0013832	.001022	.005935	.005157	.0021169	.3817	.016847
%RSD	.8587114	3.052887	.1564777	8.567477	12.70359	.3417246	.3973357

#1	.1595764	-.032476	3.795920	-.061850	.0144850	111.3365	4.221745
#2	.1613433	-.033398	3.785939	-.064320	.0187128	111.6285	4.243742
#3	.1623033	-.034516	3.796494	-.054412	.0167926	112.0932	4.254848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120752	.0831700	300.1952	.3922972	.1628621	1.164693	346.5869
Stddev	.0001168	.0001514	.8118	.0029662	.0002078	.006958	.9115
%RSD	.9671642	.1819827	.2704087	.7561020	.1275639	.5973684	.2629813

#1	.0119455	.0833343	300.8593	.3948497	.1628791	1.163586	347.2157
#2	.0121082	.0830363	299.2903	.3890431	.1630608	1.158355	345.5416
#3	.0121720	.0831394	300.4360	.3929988	.1626464	1.172137	347.0035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.80676	41.41324	.3161275	-.002601	3.278530	.3618195	14.73015
Stddev	.03779	.10304	.0009185	.000525	.056576	.0009446	.05764
%RSD	.2951106	.2488083	.2905385	20.17785	1.725654	.2610673	.3913389

#1	12.84633	41.44613	.3151110	-.003178	3.213244	.3623514	14.69476
#2	12.77104	41.29777	.3168978	-.002152	3.313212	.3623781	14.79667
#3	12.80292	41.49581	.3163737	-.002473	3.309134	.3607288	14.69902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.69694	23.29634	-.703182	.0179427	33.11263	4.006626	.2532568
Stddev	.05997	.25995	.002132	.0004851	.31020	.000834	.0012897
%RSD	.4722827	1.115842	.3031678	2.703515	.9368091	.0208230	.5092581

#1	12.73759	23.26095	-.702409	.0182823	32.94791	4.007426	.2537375
#2	12.62807	23.05590	-.705592	.0173871	32.91953	4.005761	.2517958
#3	12.72516	23.57217	-.701544	.0181586	33.47045	4.006691	.2542372

Sample Name: I3130-15 Acquired: 5/18/2017 17:01:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC25 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.370885	.1092241	1.170449
Stddev	.004260	.0008737	.001792
%RSD	.3107164	.7999633	.1531345

#1	1.371296	.1082923	1.168773
#2	1.366435	.1093550	1.170236
#3	1.374924	.1100251	1.172338

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1659.661	2490.136	54500.18	4796.960	2829.562
Stddev	7.389	7.527	95.98	8.402	6.680
%RSD	.4452315	.3022914	.1761027	.1751428	.2360735

#1	1667.458	2492.767	54452.94	4787.828	2827.807
#2	1652.761	2495.995	54610.62	4804.362	2836.945
#3	1658.765	2481.646	54436.98	4798.690	2823.936

Sample Name: I3130-16 Acquired: 5/18/2017 17:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1367821	-.028534	2.142548	-.046583	.0147803	64.77346	1.809031
Stddev	.0012764	.003106	.014725	.005210	.0004505	.11325	.007244
%RSD	.9331948	10.88650	.6872791	11.18395	3.047784	.1748443	.4004523

#1	.1378079	-.027680	2.140510	-.051888	.0146864	64.67078	1.803414
#2	.1371859	-.025944	2.128947	-.041474	.0152703	64.75467	1.806471
#3	.1353526	-.031978	2.158186	-.046386	.0143842	64.89494	1.817208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077916	.0342715	90.63237	.2781104	.0676311	.8545107	288.4748
Stddev	.0000826	.0002313	.02821	.0002920	.0001569	.0037718	.8343
%RSD	1.059768	.6748089	.0311237	.1050081	.2320680	.4414023	.2892230

#1	.0077855	.0343886	90.59983	.2783915	.0674744	.8507648	289.1468
#2	.0077123	.0340051	90.64979	.2778085	.0677883	.8544592	288.7368
#3	.0078771	.0344208	90.64750	.2781312	.0676306	.8583080	287.5410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.852986	9.719305	.2099762	-.004023	1.798242	.1799167	7.472306
Stddev	.004714	.044694	.0012349	.000616	.103336	.0037241	.053573
%RSD	.0532520	.4598506	.5881272	15.31140	5.746499	2.069928	.7169548

#1	8.849161	9.766217	.2097967	-.003995	1.685852	.1839362	7.421839
#2	8.851545	9.677220	.2088409	-.004652	1.889146	.1792308	7.528522
#3	8.858253	9.714478	.2112911	-.003421	1.819728	.1765832	7.466557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.308727	7.508852	-.702238	.0227364	27.80942	1.971576	.0764655
Stddev	.047987	.031920	.004642	.0002987	.14120	.010650	.0011536
%RSD	.6565715	.4251001	.6610464	1.313811	.5077439	.5401710	1.508664

#1	7.259301	7.508350	-.707572	.0225748	27.75173	1.975306	.0755692
#2	7.311746	7.477186	-.700029	.0230811	27.70621	1.979860	.0760601
#3	7.355133	7.541020	-.699113	.0225533	27.97034	1.959563	.0777670

Sample Name: I3130-16 Acquired: 5/18/2017 17:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC26 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6443848	.0490794	.3758964
Stddev	.0022746	.0011400	.0005386
%RSD	.3529818	2.322811	.1432758

#1	.6425471	.0477691	.3764219
#2	.6436787	.0498439	.3753457
#3	.6469287	.0496252	.3759217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1726.132	2580.556	56475.49	4916.695	3128.038
Stddev	7.663	7.440	212.99	11.630	13.769
%RSD	.4439585	.2883140	.3771312	.2365393	.4401896

#1	1734.975	2582.210	56432.72	4909.150	3130.594
#2	1721.998	2587.029	56706.61	4910.847	3140.350
#3	1721.424	2572.428	56287.13	4930.088	3113.170

Sample Name: I3130-17 Acquired: 5/18/2017 17:09:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527028	-.010645	.5205473	-.013587	.0036589	44.27429	1.502280
Stddev	.0026558	.001598	.0049393	.001827	.0007412	.15323	.006877
%RSD	5.039117	15.00879	.9488651	13.45017	20.25641	.3460971	.4577751

#1	.0501996	-.012308	.5171742	-.011522	.0032967	44.19825	1.495952
#2	.0524202	-.010505	.5182509	-.014995	.0031685	44.45067	1.509599
#3	.0554885	-.009121	.5262167	-.014244	.0045115	44.17395	1.501291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044722	.0124735	448.5115	.1473332	.0436002	.3181882	115.8321
Stddev	.0001325	.0001259	.9072	.0014161	.0003555	.0043008	.2816
%RSD	2.961880	1.009493	.2022637	.9611336	.8154304	1.351644	.2430727

#1	.0043799	.0124448	448.8441	.1482986	.0435986	.3214190	116.0706
#2	.0044126	.0123644	449.2055	.1479934	.0432455	.3198389	115.9042
#3	.0046240	.0126113	447.4850	.1457075	.0439566	.3133066	115.5215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.490493	96.74269	.2879053	-.001605	.7860333	.1306338	2.740296
Stddev	.006458	.27652	.0021598	.000298	.0961126	.0039704	.015189
%RSD	.1176160	.2858319	.7501638	18.56339	12.22754	3.039317	.5542872

#1	5.490005	96.67596	.2875711	-.001389	.8540287	.1261351	2.729661
#2	5.497180	97.04647	.2859320	-.001944	.6760745	.1321180	2.757692
#3	5.484292	96.50564	.2902126	-.001480	.8279967	.1336482	2.733535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.239727	3.988777	-.259419	.0054911	16.35862	3.588112	.0230120
Stddev	.023236	.013918	.000860	.0003473	.03808	.019694	.0002476
%RSD	.5480516	.3489313	.3314208	6.325170	.2328024	.5488775	1.076035

#1	4.252007	3.980368	-.260298	.0051012	16.32729	3.607608	.0230256
#2	4.254246	3.981122	-.258580	.0056047	16.34756	3.588502	.0232526
#3	4.212927	4.004843	-.259380	.0057674	16.40101	3.568225	.0227579

Sample Name: I3130-17 Acquired: 5/18/2017 17:09:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC27 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.785073	.0288125	.7174911
Stddev	.011393	.0003612	.0012391
%RSD	.6382223	1.253467	.1726925

#1	1.785259	.0283960	.7175265
#2	1.796372	.0290391	.7187121
#3	1.773589	.0290025	.7162347

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1594.841	2405.220	51329.09	4536.023	2867.437
Stddev	4.999	15.352	328.01	12.138	19.306
%RSD	.3134430	.6382853	.6390389	.2675851	.6732852

#1	1600.584	2412.329	51298.96	4526.793	2875.245
#2	1592.467	2415.729	51017.19	4531.504	2881.617
#3	1591.471	2387.602	51671.13	4549.772	2845.450

Sample Name: CCV026 Acquired: 5/18/2017 17:13:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923823	4.715314	24.15870	4.777177	4.840966	388.9337
Stddev	.017648	.004362	.04630	.022444	.020875	2.1554
%RSD	.3584287	.0925048	.1916388	.4698116	.4312053	.5541694

#1	4.915628	4.719692	24.10729	4.793299	4.849640	387.0153
#2	4.911762	4.710968	24.17170	4.751544	4.817153	391.2659
#3	4.944079	4.715281	24.19711	4.786687	4.856105	388.5197

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.725012	.4960000	2.381298	382.9168	14.57991	2.396196
Stddev	.053696	.0023587	.004420	1.6022	.16867	.001710
%RSD	.5521392	.4755411	.1856333	.4184070	1.156878	.0713714

#1	9.676251	.4935818	2.376722	381.3303	14.39888	2.394569
#2	9.782558	.4982943	2.385545	384.5342	14.73264	2.396039
#3	9.716225	.4961238	2.381627	382.8859	14.60819	2.397979

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92256	409.3077	14.08982	379.7131	2.368720	1.219250
Stddev	.07796	1.6024	.07915	2.1499	.003240	.012644
%RSD	.5224143	.3914997	.5617492	.5661812	.1367751	1.037068

#1	14.86148	409.0763	14.00897	377.6461	2.365051	1.209954
#2	15.01036	411.0132	14.16715	381.9372	2.369923	1.233649
#3	14.89583	407.8335	14.09335	379.5561	2.371186	1.214148

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.0673	2.421380	14.98028	154.2502	5.046029	F 4.181715
Stddev	1.9871	.026150	.18592	1.0211	.002041	.026189
%RSD	.4893558	1.079962	1.241099	.6620002	.0404420	.6262656

#1	404.5633	2.395114	14.99699	153.3447	5.047607	4.174387
#2	408.3200	2.447412	15.15729	155.3570	5.043724	4.210787
#3	405.3187	2.421614	14.78657	154.0488	5.046756	4.159971

Sample Name: CCV026 Acquired: 5/18/2017 17:13:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.772833	4.562316	5.049947	4.746575	4.978509	5.135052
Stddev	.014998	.041041	.024387	.001874	.025418	.036171
%RSD	.3142340	.8995592	.4829062	.0394729	.5105496	.7043944

#1	4.766768	4.590694	5.035052	4.748699	4.974141	5.106413
#2	4.761818	4.580996	5.078090	4.745866	5.005827	5.175700
#3	4.789914	4.515258	5.036699	4.745159	4.955558	5.123043

Elem	Sr4077
Units	ppm
Avg	5.043119
Stddev	.023577
%RSD	.4675083

#1	5.024942
#2	5.069760
#3	5.034655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1381.285	2078.271	45038.28	4020.998	2406.586
Stddev	15.579	4.650	367.81	16.011	.977
%RSD	1.127852	.2237244	.8166593	.3981794	.0405785

#1	1380.740	2076.744	45296.42	4031.745	2405.909
#2	1365.986	2083.492	44617.13	4002.597	2407.705
#3	1397.129	2074.577	45201.28	4028.652	2406.143

Sample Name: CCB026 Acquired: 5/18/2017 17:21:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001179	.0012239	-.000556	.0053981	.0005749	.0067393	-.002958
Stddev	.002106	.0012770	.001070	.0030755	.0008110	.0080854	.000500
%RSD	178.6862	104.3416	192.6019	56.97399	141.0671	119.9737	16.91965

#1	-.003604	.0023833	-.001598	.0019076	-.000088	.0038113	-.002416
#2	-.000127	-.000145	.000541	.0077101	.000334	.0158807	-.003404
#3	.000194	.001433	-.000611	.0065765	.001479	.0005258	-.003053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000111	-.000086	.0039515	-.000420	-.000087	-.000035	-.007253
Stddev	.000011	.000077	.0101462	.000546	.000101	.001052	.005835
%RSD	10.34411	88.63638	256.7653	129.9106	116.0630	3029.862	80.44584

#1	-.000099	-.000171	-.006269	.000177	.000015	.001036	-.003409
#2	-.000122	-.000022	.004102	-.000545	-.000186	-.001066	-.013967
#3	-.000110	-.000067	.014022	-.000893	-.000089	-.000074	-.004383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004718	.0339632	-.000101	.0007796	-.205868	-.006504	.0180432
Stddev	.0007056	.0325955	.000068	.0000796	.070123	.004676	.0177303
%RSD	149.5702	95.97317	67.38683	10.21345	34.06189	71.88577	98.26630

#1	.0012845	.0271035	-.000048	.0007511	-.279919	-.001555	-.002424
#2	.0000157	.0053434	-.000178	.0007182	-.140477	-.007111	.028701
#3	.0001151	.0694426	-.000077	.0008696	-.197209	-.010847	.027853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049204	.0013724	.0011518	-.000029	-.182520	-.001491	-.000425
Stddev	.0542741	.0012907	.0001472	.000130	.008259	.000163	.000486
%RSD	1103.045	94.05047	12.77581	454.9569	4.524821	10.93504	114.4974

#1	.0668586	.0026337	.0011204	-.000013	-.185482	-.001325	.000130
#2	-.017777	.0014292	.0013122	.000093	-.188889	-.001651	-.000626
#3	-.034321	.0000542	.0010229	-.000165	-.173189	-.001497	-.000777

Sample Name: CCB026 Acquired: 5/18/2017 17:21:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB026 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000555	-.000581	-.000033
Stddev	.000345	.000256	.000049
%RSD	62.06553	44.10086	145.0807

#1	-.000190	-.000435	.000013
#2	-.000874	-.000430	-.000029
#3	-.000602	-.000876	-.000084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.246	2606.431	53828.02	4342.869	3741.020
Stddev	1.302	3.580	105.32	33.760	9.330
%RSD	.0763286	.1373572	.1956680	.7773689	.2494061

#1	1705.004	2606.356	53929.96	4312.747	3731.221
#2	1707.601	2602.890	53834.50	4379.360	3742.041
#3	1706.133	2610.049	53719.61	4336.502	3749.797

Sample Name: I3130-18 Acquired: 5/18/2017 17:26:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1195739	-.028492	.4343220	-.051063	.0080414	91.87998	.9933817
Stddev	.0008999	.001479	.0040985	.004320	.0023362	.09251	.0017944
%RSD	.7526216	5.190580	.9436477	8.460692	29.05165	.1006860	.1806361

#1	.1205998	-.029735	.4346018	-.056051	.0068411	91.79666	.9951116
#2	.1192042	-.026857	.4300908	-.048654	.0107338	91.86374	.9915291
#3	.1189176	-.028885	.4382734	-.048484	.0065495	91.97953	.9935045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092980	.0170607	495.9751	.2141669	.1524302	.2853989	275.2858
Stddev	.0001211	.0000864	1.6796	.0010282	.0005722	.0017070	.5446
%RSD	1.302889	.5065646	.3386373	.4800685	.3754187	.5981160	.1978308

#1	.0091894	.0170181	494.8124	.2132801	.1530715	.2843099	274.7272
#2	.0092760	.0170039	497.9007	.2152939	.1519715	.2873662	275.3150
#3	.0094286	.0171602	495.2121	.2139266	.1522476	.2845205	275.8152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.18986	101.0850	.1376447	-.007353	1.627400	.2983042	1.270216
Stddev	.07081	.3270	.0007463	.000494	.112169	.0050716	.020509
%RSD	.5809025	.3234427	.5422156	6.714868	6.892539	1.700160	1.614570

#1	12.15280	100.7095	.1378705	-.006786	1.604614	.3011814	1.246603
#2	12.27151	101.2391	.1368116	-.007690	1.528373	.3012830	1.280460
#3	12.14528	101.3065	.1382521	-.007582	1.749212	.2924483	1.283584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.912112	5.412226	-.754094	.0107938	14.69604	3.444080	.0193068
Stddev	.028583	.019330	.003847	.0000680	.01070	.009254	.0020993
%RSD	.3207208	.3571462	.5101625	.6296102	.0727817	.2686991	10.87334

#1	8.942664	5.414611	-.757308	.0108559	14.70821	3.434225	.0176685
#2	8.907649	5.391814	-.755143	.0108042	14.68813	3.445430	.0185786
#3	8.886023	5.430252	-.749831	.0107212	14.69179	3.452585	.0216732

Sample Name: I3130-18 Acquired: 5/18/2017 17:26:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAC28 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5791878	.1236762	.8701063
Stddev	.0029119	.0011203	.0013943
%RSD	.5027605	.9058601	.1602500

#1	.5770711	.1246836	.8701832
#2	.5825087	.1238753	.8714606
#3	.5779836	.1224697	.8686751

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.698	2545.323	54508.44	4854.935	2769.371
Stddev	3.630	3.075	69.94	10.085	5.991
%RSD	.2148323	.1208106	.1283077	.2077287	.2163280

#1	1692.795	2543.684	54586.18	4862.779	2762.799
#2	1690.595	2548.870	54450.63	4843.559	2774.527
#3	1685.703	2543.414	54488.52	4858.465	2770.787

Sample Name: I3130-19 Acquired: 5/18/2017 17:30:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2155014	-.049411	5.850782	-.118182	.0174120	127.4630	4.324521
Stddev	.0025070	.002800	.044181	.002858	.0007455	1.1918	.052088
%RSD	1.163328	5.666698	.7551220	2.418554	4.281539	.9350205	1.204470

#1	.2177146	-.052401	5.899636	-.120891	.0177999	128.7321	4.377196
#2	.2160108	-.048981	5.813631	-.115195	.0178836	126.3676	4.273041
#3	.2127789	-.046851	5.839080	-.118461	.0165525	127.2893	4.323325

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219805	.0589828	95.17304	.6590314	.1667793	.6982545	618.0063
Stddev	.0002104	.0004174	.76208	.0008833	.0012022	.0103514	4.7143
%RSD	.9572987	.7077540	.8007276	.1340355	.7208145	1.482473	.7628210

#1	.0220834	.0594395	96.02192	.6593763	.1681669	.7078694	623.3999
#2	.0217384	.0588879	94.54781	.6580277	.1661209	.6872974	614.6720
#3	.0221197	.0586210	94.94939	.6596903	.1660502	.6995967	615.9470

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.06977	17.84358	.1623538	-.012427	4.389914	.8508410	10.09722
Stddev	.14560	.25234	.0019779	.000490	.070683	.0153345	.05532
%RSD	.7635211	1.414182	1.218239	3.945331	1.610130	1.802276	.5479048

#1	19.23753	18.02281	.1645543	-.011889	4.470602	.8582015	10.14452
#2	18.97632	17.55501	.1617829	-.012848	4.338934	.8332139	10.03639
#3	18.99545	17.95292	.1607241	-.012543	4.360204	.8611076	10.11075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.578368	14.18550	-1.71670	.0103951	22.76361	2.599292	.1250724
Stddev	.119130	.15525	.01148	.0003700	.16161	.023907	.0014009
%RSD	1.571969	1.094429	.6687589	3.559766	.7099653	.9197474	1.120107

#1	7.709478	14.36218	-1.72913	.0099714	22.94331	2.619486	.1258686
#2	7.476764	14.12343	-1.71447	.0105594	22.71734	2.605496	.1234548
#3	7.548861	14.07089	-1.70650	.0106546	22.63018	2.572895	.1258938

Sample Name: I3130-19 Acquired: 5/18/2017 17:30:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAC29 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.348044	.1092622	.4642425
Stddev	.018287	.0027143	.0060143
%RSD	1.356560	2.484177	1.295518

#1	1.368895	.1119631	.4707532
#2	1.334732	.1065347	.4588941
#3	1.340504	.1092888	.4630803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.481	2760.962	59542.89	5162.148	2994.598
Stddev	8.008	14.473	195.70	35.843	20.649
%RSD	.4353441	.5241978	.3286788	.6943482	.6895327

#1	1831.913	2744.641	59408.64	5121.536	2970.831
#2	1847.866	2766.012	59767.44	5175.547	3004.842
#3	1838.663	2772.234	59452.58	5189.362	3008.122

Sample Name: I3130-20 Acquired: 5/18/2017 17:34:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2421913	-.037687	3.613222	-.074252	.0170931	95.92368	4.993099
Stddev	.0013712	.002082	.011531	.006222	.0003436	.18462	.014353
%RSD	.5661783	5.525325	.3191385	8.380221	2.010123	.1924644	.2874529

#1	.2420849	-.039698	3.608415	-.070784	.0167017	95.71462	5.000964
#2	.2408763	-.037821	3.604872	-.081436	.0172325	96.06433	5.001801
#3	.2436126	-.035540	3.626379	-.070537	.0173451	95.99209	4.976533

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167748	.0516291	426.5951	.4305662	.1090547	1.028174	389.4435
Stddev	.0000581	.0003295	1.3424	.0018428	.0002668	.006461	1.5769
%RSD	.3461830	.6381398	.3146838	.4279827	.2446053	.6283908	.4049085

#1	.0167204	.0519886	425.3887	.4326800	.1087732	1.023716	387.9751
#2	.0168360	.0515571	428.0413	.4292984	.1093038	1.035584	389.2451
#3	.0167680	.0513417	426.3553	.4297202	.1090872	1.025223	391.1102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.26310	45.08835	.2141282	-.004851	3.312894	.4793533	8.489505
Stddev	.04371	.10016	.0006716	.000387	.119623	.0041884	.090852
%RSD	.3564090	.2221465	.3136270	7.973717	3.610846	.8737510	1.070167

#1	12.24233	44.97336	.2141730	-.004693	3.325210	.4826241	8.387394
#2	12.31332	45.15657	.2147762	-.005292	3.187588	.4746326	8.561395
#3	12.23365	45.13513	.2134353	-.004569	3.425882	.4808030	8.519727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10518	29.97398	-.950637	.0242063	34.02967	4.423519	.1719168
Stddev	.04250	.12246	.001719	.0001404	.15583	.000959	.0006847
%RSD	.4205665	.4085660	.1808578	.5799838	.4579231	.0216830	.3982560

#1	10.06592	29.85803	-.952608	.0243600	33.86816	4.422443	.1712457
#2	10.15031	30.10206	-.949445	.0240849	34.17912	4.423829	.1726142
#3	10.09932	29.96186	-.949858	.0241741	34.04172	4.424284	.1718905

Sample Name: I3130-20 Acquired: 5/18/2017 17:34:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC30 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.189215	.1198821	1.834664
Stddev	.002424	.0002578	.002844
%RSD	.2038036	.2150779	.1550110

#1	1.189477	.1199247	1.833146
#2	1.186670	.1201159	1.837945
#3	1.191496	.1196056	1.832900

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1738.651	2610.858	56779.67	5019.519	2763.066
Stddev	2.786	5.082	249.59	7.414	8.457
%RSD	.1602507	.1946525	.4395780	.1477073	.3060620

#1	1738.378	2605.795	56491.75	5024.749	2753.666
#2	1741.564	2610.820	56934.68	5022.774	2765.478
#3	1736.011	2615.959	56912.57	5011.034	2770.055

Sample Name: I3130-21 Acquired: 5/18/2017 17:38:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2198438	-.041184	3.371473	-.097726	.0138812	110.5219	3.350919
Stddev	.0040132	.001919	.018868	.001191	.0006819	.1077	.006519
%RSD	1.825457	4.659207	.5596497	1.218563	4.912535	.0974401	.1945342

#1	.2239439	-.040092	3.376320	-.097650	.0140591	110.3999	3.358351
#2	.2196638	-.043399	3.350653	-.098953	.0144566	110.6037	3.346168
#3	.2159236	-.040060	3.387444	-.096575	.0131280	110.5621	3.348239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190102	.0567507	124.9183	.5528657	.1416284	.9200015	499.3549
Stddev	.0001760	.0005812	.3017	.0030020	.0003621	.0027472	.9357
%RSD	.9259981	1.024096	.2415152	.5429886	.2556886	.2986116	.1873843

#1	.0189604	.0569580	125.0837	.5562658	.1419005	.9170870	498.2849
#2	.0192058	.0560942	124.5701	.5517500	.1412173	.9225435	500.0197
#3	.0188645	.0571998	125.1011	.5505813	.1417673	.9203742	499.7601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.42319	27.04343	.1935132	-.009353	3.208894	.6976147	7.834695
Stddev	.00725	.06677	.0011691	.000631	.199049	.0015382	.058559
%RSD	.0502416	.2468899	.6041639	6.741034	6.203033	.2204884	.7474300

#1	14.41633	26.98379	.1938923	-.010019	3.370567	.6959859	7.902051
#2	14.43077	27.11556	.1922015	-.009276	2.986577	.6978157	7.795865
#3	14.42246	27.03094	.1944457	-.008765	3.269539	.6990425	7.806169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.407825	20.32092	-1.35293	.0121845	21.50883	2.297990	.3429556
Stddev	.035810	.10928	.00381	.0003569	.10692	.007051	.0047646
%RSD	.3806366	.5377537	.2815889	2.929434	.4971002	.3068301	1.389269

#1	9.370038	20.35281	-1.35732	.0125816	21.53356	2.305938	.3431649
#2	9.441259	20.19925	-1.35055	.0118903	21.39171	2.292488	.3380898
#3	9.412177	20.41070	-1.35091	.0120817	21.60121	2.295543	.3476120

Sample Name: I3130-21 Acquired: 5/18/2017 17:38:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.087548	.1164344	.5745153
Stddev	.001535	.0005793	.0007650
%RSD	.1411119	.4975077	.1331571

#1	1.089301	.1158367	.5747650
#2	1.086447	.1169933	.5751242
#3	1.086897	.1164731	.5736566

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.408	2727.815	59126.63	5137.325	2970.332
Stddev	13.294	1.620	356.51	2.637	8.987
%RSD	.7363380	.0593724	.6029518	.0513352	.3025601

#1	1790.152	2726.783	58721.01	5135.473	2964.213
#2	1814.507	2729.682	59390.26	5136.157	2980.650
#3	1811.565	2726.980	59268.63	5140.344	2966.132

Sample Name: I3130-22 Acquired: 5/18/2017 17:42:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1630980	-.031830	2.169179	-.053579	.0112502	75.38407	2.223695
Stddev	.0042988	.003524	.008143	.000603	.0011604	.06038	.002126
%RSD	2.635695	11.07013	.3754133	1.126119	10.31464	.0800929	.0955970

#1	.1598747	-.032118	2.176757	-.053952	.0102162	75.44750	2.223905
#2	.1614406	-.035201	2.160569	-.053903	.0125052	75.32730	2.225708
#3	.1679788	-.028172	2.170211	-.052883	.0110292	75.37739	2.221472

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110429	.0426350	684.5992	.3564642	.1186372	.7879758	298.9706
Stddev	.0000680	.0001645	1.5269	.0022136	.0002361	.0013922	.3773
%RSD	.6159959	.3857398	.2230362	.6209797	.1990155	.1766753	.1262043

#1	.0109685	.0427275	683.0626	.3539578	.1185299	.7895279	298.5351
#2	.0110585	.0424451	684.6187	.3581514	.1189079	.7868374	299.1999
#3	.0111018	.0427323	686.1162	.3572835	.1184738	.7875620	299.1767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.034336	256.4132	.1482877	-.006384	2.135237	.3511913	5.384557
Stddev	.045571	.2184	.0009002	.000466	.153094	.0025700	.059199
%RSD	.5044158	.0851635	.6070691	7.304190	7.169899	.7317905	1.099423

#1	8.996244	256.1715	.1489449	-.006709	2.132667	.3486709	5.373510
#2	9.021942	256.4716	.1472616	-.006593	1.983445	.3510950	5.331660
#3	9.084821	256.5963	.1486566	-.005850	2.289601	.3538081	5.448502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.460712	16.33804	-.814593	.0119816	26.91316	3.648687	.1183926
Stddev	.027445	.03377	.003255	.0001716	.04871	.011062	.0026257
%RSD	.2900981	.2067053	.3996163	1.431882	.1809755	.3031788	2.217776

#1	9.453202	16.35716	-.811198	.0118267	26.96554	3.636136	.1154795
#2	9.437803	16.29905	-.814893	.0119521	26.90468	3.652904	.1205770
#3	9.491131	16.35792	-.817688	.0121660	26.86925	3.657019	.1191213

Sample Name: I3130-22 Acquired: 5/18/2017 17:42:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5328845	.0886221	.7063273
Stddev	.0014105	.0008946	.0017809
%RSD	.2646963	1.009480	.2521320

#1	.5341928	.0893304	.7048299
#2	.5313902	.0889191	.7058553
#3	.5330704	.0876167	.7082966

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.964	2398.189	52187.35	4681.135	2574.173
Stddev	14.908	5.769	143.30	5.804	5.708
%RSD	.9311860	.2405440	.2745941	.1239863	.2217222

#1	1589.664	2402.742	52024.32	4687.187	2568.357
#2	1617.860	2391.702	52293.39	4680.601	2579.766
#3	1595.367	2400.123	52244.33	4675.616	2574.397

Sample Name: PB98996BL Acquired: 5/18/2017 17:46:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PB98996BL Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012274	.0008547	-.000741	.0029601	-.000123	.0060079	-.002707
Stddev	.0018278	.0005479	.000362	.0009614	.000178	.0017509	.000206
%RSD	148.9144	64.10063	48.81914	32.47998	144.7188	29.14284	7.608889

#1	.0023415	.0005433	-.000742	.0024931	-.000192	.0073706	-.002667
#2	-.000882	.0014873	-.000379	.0040658	-.000257	.0040332	-.002524
#3	.002223	.0005334	-.001103	.0023213	.000079	.0066199	-.002930

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000093	-.000011	.0297940	-.000459	-.000161	-.000743	.0088719
Stddev	.000053	.000048	.0058388	.000118	.000148	.002255	.0058345
%RSD	56.56435	456.2351	19.59730	25.73483	91.95855	303.5586	65.76382

#1	-.000068	.000045	.0356348	-.000588	-.000322	.001540	.0126896
#2	-.000154	-.000040	.0239572	-.000356	-.000031	-.002969	.0117703
#3	-.000058	-.000037	.0297898	-.000434	-.000129	-.000799	.0021557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003793	.0632322	-.000060	.0006319	-.057251	-.001887	.0110289
Stddev	.0004931	.0237592	.000031	.0003385	.038533	.001759	.0130894
%RSD	129.9915	37.57458	52.19197	53.57473	67.30516	93.24400	118.6833

#1	.0007647	.0365716	-.000062	.0005185	-.029731	-.001637	.0031929
#2	-.000176	.0821669	-.000028	.0010126	-.101289	-.003757	.0037540
#3	.000550	.0709581	-.000091	.0003646	-.040733	-.000265	.0261397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021683	.0009635	-.002203	-.000150	-.169713	-.002383	-.000239
Stddev	.023163	.0018338	.000396	.000181	.005327	.000559	.000502
%RSD	106.8249	190.3217	18.00021	120.1078	3.138952	23.46884	210.1391

#1	-.021160	.0028667	-.001897	-.000262	-.163562	-.001822	-.000234
#2	-.045102	-.000792	-.002651	.000058	-.172810	-.002387	-.000743
#3	.001214	.000816	-.002061	-.000248	-.172767	-.002940	.000261

Sample Name: PB98996BL Acquired: 5/18/2017 17:46:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PB98996BL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000768	-.000550	-.000061
Stddev	.000627	.000217	.000047
%RSD	81.67049	39.47526	77.39127

#1	-.001478	-.000321	-.000023
#2	-.000287	-.000576	-.000114
#3	-.000539	-.000752	-.000046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1708.992	2593.401	53975.13	4370.798	3723.385
Stddev	2.217	14.216	100.31	8.948	12.189
%RSD	.1297055	.5481704	.1858436	.2047149	.3273597

#1	1711.396	2578.890	53913.40	4361.343	3709.311
#2	1708.550	2607.302	53921.12	4371.917	3730.362
#3	1707.030	2594.011	54090.87	4379.133	3730.483

Sample Name: PB98996BS Acquired: 5/18/2017 17:50:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB98996BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187846	.0566026	.0207642	.0716506	.1195153	.4003974
Stddev	.0037586	.0012302	.0014025	.0010947	.0008387	.0103464
%RSD	20.00904	2.173421	6.754452	1.527816	.7017461	2.584042

#1	.0160009	.0567029	.0223565	.0721108	.1204076	.4105741
#2	.0172929	.0577795	.0202238	.0704009	.1193952	.4007290
#3	.0230601	.0553253	.0197123	.0724401	.1187431	.3898892

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3938299	.0106544	.0094996	9.668051	.0223132	.0935664
Stddev	.0076492	.0000967	.0000164	.162237	.0001716	.0001766
%RSD	1.942270	.9071421	.1727443	1.678075	.7691420	.1887513

#1	.4026622	.0107641	.0095161	9.855005	.0221161	.0937525
#2	.3894812	.0106171	.0094995	9.584926	.0224295	.0934011
#3	.3893464	.0105819	.0094833	9.564222	.0223940	.0935454

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524770	.2299064	.0323751	9.389842	.0765511	.0192393
Stddev	.0013300	.0076982	.0009634	.168105	.0006891	.0003155
%RSD	2.534516	3.348386	2.975801	1.790290	.9001787	1.639698

#1	.0536231	.2387355	.0333972	9.583363	.0765432	.0189565
#2	.0510186	.2263839	.0314837	9.306185	.0772441	.0195795
#3	.0527893	.2245997	.0322444	9.279979	.0758660	.0191819

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.907422	.1085815	.1309181	8.907995	F .0336557	F .0205580
Stddev	.136623	.0027464	.0175768	.174906	.0008126	.0008940
%RSD	1.378991	2.529382	13.42581	1.963477	2.414419	4.348833

#1	10.06096	.1114910	.1425907	9.109959	.0328192	.0209357
#2	9.79928	.1060341	.1394610	8.807255	.0344421	.0212012
#3	9.86202	.1082194	.1107028	8.806769	.0337059	.0195371

Sample Name: PB98996BS Acquired: 5/18/2017 17:50:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB98996BS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216999	.3736558	.2058127	F .0178068	.2095499	.0950202
Stddev	.0003361	.0155397	.0048237	.0006825	.0049330	.0015200
%RSD	1.548874	4.158826	2.343748	3.832575	2.354089	1.599681

#1	.0218669	.3871411	.2113827	.0181514	.2152001	.0967305
#2	.0219197	.3566617	.2030091	.0182483	.2061000	.0945067
#3	.0213130	.3771645	.2030465	.0170208	.2073494	.0938235

Elem	Sr4077
Units	ppm
Avg	.2127909
Stddev	.0041128
%RSD	1.932775

#1	.2175328
#2	.2106448
#3	.2101950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.279	2495.515	53642.85	4420.166	3512.939
Stddev	21.452	10.930	585.57	68.311	17.144
%RSD	1.263166	.4380019	1.091603	1.545430	.4880300

#1	1675.189	2483.849	53048.72	4341.288	3499.435
#2	1702.057	2497.177	53660.37	4459.841	3507.156
#3	1717.592	2505.519	54219.46	4459.369	3532.227

Sample Name: I3135-01 Acquired: 5/18/2017 17:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1492144	-.000588	4.833469	-.004446	.0193802	10.43894
Stddev	.0030323	.003011	.008189	.004331	.0013176	.03859
%RSD	2.032176	511.9240	.1694163	97.41804	6.798920	.3696300

#1	.1522829	-.003781	4.837096	-.009371	.0204431	10.46215
#2	.1491406	.002200	4.824094	-.002735	.0197915	10.46028
#3	.1462196	-.000184	4.839218	-.001232	.0179059	10.39440

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041123	.0008512	.0119609	F 929.0575	.2037550	.0047898
Stddev	.0002051	.0001101	.0001087	2.3498	.0012806	.0001380
%RSD	.1970252	12.94007	.9086246	.2529277	.6285248	2.881701

#1	.1041908	.0007839	.0119422	931.7676	.2034889	.0049074
#2	.1038795	.0009783	.0118627	927.8181	.2051478	.0048241
#3	.1042666	.0007914	.0120777	927.5869	.2026284	.0046378

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.498773	34.45533	3.141465	495.4727	.0158828	.0025674
Stddev	.010929	.10916	.011846	1.7721	.0004735	.0004613
%RSD	.7291926	.3168301	.3770838	.3576563	2.980980	17.96686

#1	1.503787	34.33496	3.155037	497.3873	.0163172	.0024548
#2	1.506295	34.48313	3.136154	493.8901	.0153781	.0021729
#3	1.486236	34.54791	3.133203	495.1409	.0159532	.0030746

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3965981	.1682131	.8894742	3.151763	.6660746	-.066522
Stddev	.0741687	.0019477	.0164236	.021004	.0064309	.000278
%RSD	18.70122	1.157867	1.846435	.6664135	.9654894	.4171520

#1	.3149555	.1662416	.8852093	3.168404	.6734026	-.066573
#2	.4150173	.1701360	.8756038	3.128163	.6613707	-.066771
#3	.4598216	.1682618	.9076095	3.158723	.6634504	-.066223

Sample Name: I3135-01 Acquired: 5/18/2017 17:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC12 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043317	10.45788	1.850565	.0010090	.1747178	.0337100
Stddev	.0002530	.02455	.006092	.0011585	.0026093	.0008108
%RSD	5.839811	.2347261	.3291714	114.8179	1.493450	2.405131

#1	.0045697	10.46585	1.855062	.0014100	.1754056	.0339572
#2	.0040660	10.47745	1.843633	-.000297	.1769144	.0343683
#3	.0043593	10.43033	1.853002	.001914	.1718335	.0328044

Elem	Sr4077
Units	ppm
Avg	.4904726
Stddev	.0020466
%RSD	.4172695

#1	.4926373
#2	.4902114
#3	.4885692

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.091	2115.400	45734.11	4062.568	2595.124
Stddev	11.344	9.072	72.77	11.027	7.674
%RSD	.8061843	.4288665	.1591183	.2714200	.2957061

#1	1420.189	2105.953	45817.00	4054.331	2587.391
#2	1400.630	2116.204	45704.64	4058.277	2602.738
#3	1400.455	2124.043	45680.71	4075.095	2595.241

Sample Name: I3135-02 Acquired: 5/18/2017 17:58:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1437251	-.039469	1.165034	-.084387	.0119181	83.38211	1.462256
Stddev	.0043156	.001825	.015023	.002434	.0018152	.17881	.002218
%RSD	3.002648	4.623855	1.289526	2.883870	15.23037	.2144450	.1516522

#1	.1471705	-.039648	1.159203	-.084374	.0108753	83.50007	1.464792
#2	.1388845	-.037561	1.153800	-.081960	.0108650	83.17638	1.460685
#3	.1451203	-.041198	1.182099	-.086827	.0140141	83.46989	1.461290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143836	.0247942	39.16864	.4318218	.1691809	.3366623	450.7494
Stddev	.0001585	.0005897	.12786	.0076065	.0012634	.0011759	1.8848
%RSD	1.101643	2.378190	.3264466	1.761497	.7468026	.3492835	.4181529

#1	.0145660	.0242970	39.25791	.4301536	.1687672	.3373653	452.8461
#2	.0143041	.0246400	39.02216	.4401239	.1681762	.3353047	449.1956
#3	.0142806	.0254457	39.22586	.4251878	.1705994	.3373169	450.2066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.32896	10.76047	.1340358	-.010076	2.201038	.4520983	1.729615
Stddev	.03911	.07527	.0008517	.000471	.042967	.0117436	.031705
%RSD	.1751367	.6995020	.6354158	4.673204	1.952106	2.597574	1.833041

#1	22.34812	10.67376	.1338354	-.010067	2.201536	.4389264	1.728614
#2	22.28397	10.79865	.1333022	-.010552	2.243753	.4614749	1.761808
#3	22.35480	10.80899	.1349698	-.009610	2.157824	.4558935	1.698423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.455389	7.872893	-1.24340	.0131834	15.20175	2.856550	.0392444
Stddev	.031504	.077007	.00851	.0001391	.11609	.013793	.0003265
%RSD	.4880280	.9781268	.6843723	1.055190	.7636606	.4828629	.8319146

#1	6.451312	7.830802	-1.25197	.0131194	15.17189	2.849671	.0395264
#2	6.488734	7.826105	-1.24326	.0130879	15.10350	2.872430	.0393201
#3	6.426123	7.961771	-1.23496	.0133430	15.32985	2.847549	.0388868

Sample Name: I3135-02 Acquired: 5/18/2017 17:58:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC22 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8309868	.0463841	.1093407
Stddev	.0046528	.0006298	.0003997
%RSD	.5599163	1.357734	.3655444

#1	.8358066	.0470850	.1097706
#2	.8265212	.0458658	.1092712
#3	.8306327	.0462013	.1089803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.486	2766.693	58857.92	5031.766	3198.285
Stddev	17.817	13.094	593.31	19.665	23.115
%RSD	.9733647	.4732556	1.008044	.3908087	.7227244

#1	1820.911	2774.773	58922.89	5012.044	3212.580
#2	1819.503	2773.720	58234.80	5051.373	3210.657
#3	1851.043	2751.586	59416.08	5031.882	3171.617

Sample Name: I3135-03 Acquired: 5/18/2017 18:02:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC22D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1467924	-.037117	1.169372	-.078989	.0120469	84.69475	1.476349
Stddev	.0046046	.001966	.002493	.001310	.0009646	.33232	.005614
%RSD	3.136830	5.296473	.2131751	1.658367	8.007126	.3923680	.3802599

#1	.1497727	-.035662	1.167877	-.077746	.0117042	84.41568	1.471765
#2	.1414890	-.036336	1.167990	-.078864	.0113004	84.60618	1.474670
#3	.1491155	-.039354	1.172250	-.080357	.0131361	85.06237	1.482611

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141967	.0247469	39.42135	.4322941	.1697290	.3386681	457.3164
Stddev	.0000412	.0001157	.15699	.0027028	.0010047	.0034804	1.4086
%RSD	.2901068	.4675244	.3982474	.6252302	.5919596	1.027664	.3080105

#1	.0141557	.0246861	39.27685	.4309408	.1698080	.3346682	455.7060
#2	.0142381	.0248803	39.58840	.4305351	.1686871	.3403318	457.9240
#3	.0141963	.0246742	39.39881	.4354062	.1706919	.3410045	458.3193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.46324	10.80524	.1351274	-.009721	2.097058	.4670397	1.704164
Stddev	.07072	.07928	.0008700	.000508	.119245	.0092701	.038961
%RSD	.3148478	.7336919	.6438221	5.230020	5.686292	1.984875	2.286198

#1	22.38256	10.71424	.1345365	-.009137	2.058597	.4625880	1.719645
#2	22.51453	10.85933	.1347194	-.010065	2.001790	.4776960	1.733004
#3	22.49262	10.84215	.1361264	-.009960	2.230787	.4608351	1.659842

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.521695	7.906886	-1.25530	.0130997	15.19444	2.895635	.0397309
Stddev	.083936	.020042	.00621	.0004608	.06742	.013770	.0011300
%RSD	1.287023	.2534719	.4943913	3.517553	.4437330	.4755393	2.844237

#1	6.497108	7.917506	-1.25298	.0136256	15.26193	2.903783	.0409244
#2	6.452799	7.883769	-1.25059	.0127666	15.12708	2.879737	.0395909
#3	6.615179	7.919382	-1.26234	.0129068	15.19431	2.903386	.0386774

Sample Name: I3135-03 Acquired: 5/18/2017 18:02:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAC22D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8407902	.0471084	.1101603
Stddev	.0022709	.0006850	.0000703
%RSD	.2700857	1.454208	.0637777

#1	.8392375	.0469571	.1100799
#2	.8433964	.0478565	.1102098
#3	.8397366	.0465116	.1101911

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.886	2752.163	58706.98	4971.055	3186.045
Stddev	4.202	9.553	104.75	6.647	7.150
%RSD	.2307879	.3471083	.1784350	.1337123	.2244205

#1	1816.113	2748.790	58706.41	4974.002	3186.983
#2	1824.032	2762.945	58812.01	4963.444	3192.680
#3	1822.512	2744.754	58602.51	4975.719	3178.472

Sample Name: I3135-04 Acquired: 5/18/2017 18:06:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC22S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1943806	.0678424	1.291345	-.017949	.0816451	97.38621
Stddev	.0006150	.0012154	.002948	.003084	.0012440	.25379
%RSD	.3163804	1.791464	.2283061	17.18151	1.523651	.2606045

#1	.1942894	.0686180	1.288708	-.021440	.0806076	97.47693
#2	.1950360	.0684674	1.294528	-.016809	.0830242	97.58218
#3	.1938163	.0664417	1.290801	-.015597	.0813035	97.09953

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.27486	.0985483	.1123926	37.27813	.7246173	1.272486
Stddev	.02311	.0002182	.0000593	.16029	.0042325	.001623
%RSD	.2249271	.2214046	.0527928	.4299940	.5841067	.1275773

#1	10.25272	.0984449	.1123393	37.19070	.7259559	1.273625
#2	10.29883	.0984010	.1123820	37.46313	.7198773	1.270627
#3	10.27303	.0987990	.1124565	37.18056	.7280186	1.273205

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7827061	444.8071	F 54.30658	9.814585	1.068217	.0281102
Stddev	.0010641	2.3283	.22462	.169627	.002083	.0001581
%RSD	.1359562	.5234361	.4136066	1.728319	.1950004	.5622938

#1	.7817802	443.7033	54.27739	9.909403	1.066480	.0279731
#2	.7838687	447.4821	54.54437	9.915603	1.067646	.0282831
#3	.7824695	443.2361	54.09799	9.618749	1.070527	.0280744

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.067174	1.357833	2.487731	7.448600	7.468481	-1.22214
Stddev	.078558	.007199	.010641	.047558	.020942	.00379
%RSD	3.800269	.5301814	.4277218	.6384891	.2804011	.3101603

#1	2.099478	1.349767	2.491899	7.463267	7.466938	-1.21858
#2	1.977615	1.360124	2.475638	7.487097	7.490152	-1.22613
#3	2.124431	1.363607	2.495657	7.395436	7.448354	-1.22172

Sample Name: I3135-04 Acquired: 5/18/2017 18:06:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC22S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118596	14.38971	16.65762	.0416697	1.245525	.0540296
Stddev	.0004505	.04884	.30902	.0006676	.039596	.0004648
%RSD	3.798741	.3393971	1.855103	1.602082	3.179038	.8602217

#1	.0122548	14.36667	16.93784	.0424363	1.275969	.0540730
#2	.0119548	14.44581	16.70882	.0413567	1.259843	.0535446
#3	.0113691	14.35666	16.32620	.0412161	1.200762	.0544711

Elem	Sr4077
Units	ppm
Avg	.1161567
Stddev	.0004005
%RSD	.3447714

#1	.1162415
#2	.1165081
#3	.1157207

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.663	2717.581	58796.96	5036.746	3131.070
Stddev	10.927	8.791	230.26	26.956	11.916
%RSD	.6051603	.3234679	.3916225	.5351882	.3805796

#1	1800.912	2711.366	58531.85	5034.952	3119.682
#2	1797.915	2713.740	58911.97	5010.732	3130.078
#3	1818.161	2727.639	58947.06	5064.554	3143.452

Sample Name: I3135-02LX5 Acquired: 5/18/2017 18:10:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC22L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327447	-.007135	.2381842	-.011965	.0033955	17.82206	.3121536
Stddev	.0035206	.001191	.0008041	.001860	.0011928	.02555	.0010632
%RSD	10.75162	16.68896	.3376090	15.54534	35.12773	.1433376	.3405921

#1	.0340721	-.006869	.2383975	-.010311	.0020593	17.79723	.3120426
#2	.0287534	-.008436	.2372949	-.011606	.0037745	17.84827	.3132678
#3	.0354087	-.006100	.2388602	-.013978	.0043528	17.82068	.3111502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032057	.0041698	8.469336	.0951178	.0325933	.0742575	101.3820
Stddev	.0000716	.0001678	.068311	.0004274	.0001985	.0003066	.6445
%RSD	2.233147	4.024839	.8065736	.4493679	.6088635	.4128675	.6357459

#1	.0031578	.0042233	8.395892	.0953717	.0326154	.0739051	100.8834
#2	.0032880	.0039818	8.530976	.0946243	.0323847	.0744625	102.1098
#3	.0031714	.0043044	8.481142	.0953573	.0327798	.0744050	101.1528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.965838	2.317665	.0265240	-.001762	.2651522	.0986719	.3604032
Stddev	.022173	.044365	.0005442	.000249	.0636574	.0024612	.0196903
%RSD	.4465118	1.914205	2.051728	14.14047	24.00786	2.494319	5.463397

#1	4.940559	2.327870	.0263640	-.002039	.2471400	.0982676	.3771422
#2	4.974964	2.269086	.0260778	-.001691	.3358749	.1013103	.3387085
#3	4.981992	2.356038	.0271303	-.001557	.2124418	.0964379	.3653589

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.272736	1.520681	-.280356	.0029011	2.828817	.6628344	.0078758
Stddev	.020585	.001323	.002379	.0001818	.028153	.0096658	.0002627
%RSD	1.617393	.0869928	.8484634	6.266826	.9952200	1.458246	3.335237

#1	1.249834	1.522064	-.279822	.0028131	2.842015	.6525177	.0078948
#2	1.289697	1.519428	-.282956	.0027801	2.796490	.6716806	.0076041
#3	1.278678	1.520549	-.278289	.0031102	2.847947	.6643050	.0081284

Sample Name: I3135-02LX5 Acquired: 5/18/2017 18:10:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAC22L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1784593	.0093964	.0234137
Stddev	.0016459	.0005168	.0000744
%RSD	.9222742	5.499557	.3179817

#1	.1772788	.0093831	.0233610
#2	.1803394	.0088864	.0234989
#3	.1777595	.0099197	.0233811

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.292	2667.783	56087.95	4579.760	3567.809
Stddev	8.107	12.871	90.58	45.422	14.614
%RSD	.4571744	.4824541	.1614899	.9918017	.4096077

#1	1773.948	2655.063	56017.25	4585.131	3550.961
#2	1764.876	2667.488	56056.56	4531.891	3577.058
#3	1781.050	2680.799	56190.05	4622.257	3575.408

Sample Name: I3135-05 Acquired: 5/18/2017 18:14:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1593561	-.045257	2.627602	-.104350	.0157366	107.6970	2.328122
Stddev	.0017634	.002195	.007641	.002347	.0027522	.5097	.014415
%RSD	1.106566	4.849918	.2907791	2.248687	17.48894	.4732905	.6191842

#1	.1609830	-.047742	2.628303	-.106276	.0184583	107.1147	2.311563
#2	.1574823	-.044447	2.619635	-.101736	.0157967	107.9137	2.337863
#3	.1596029	-.043582	2.634868	-.105038	.0129549	108.0625	2.334942

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195152	.0457039	126.2005	.6661297	.1309241	.7500793	522.0603
Stddev	.0002418	.0003514	.6456	.0038286	.0007342	.0038251	1.8876
%RSD	1.238931	.7687445	.5115397	.5747502	.5607916	.5099571	.3615738

#1	.0192500	.0454338	125.9117	.6626255	.1302164	.7490861	520.9772
#2	.0197233	.0455768	125.7498	.6702160	.1308735	.7468488	520.9637
#3	.0195724	.0461011	126.9401	.6655475	.1316823	.7543030	524.2399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.61335	19.00818	.1509797	-.011606	3.230853	.7035884	6.385127
Stddev	.09349	.12658	.0008798	.000371	.059879	.0056189	.017236
%RSD	.6397457	.6659483	.5826966	3.192309	1.853344	.7986017	.2699414

#1	14.55791	18.91239	.1517285	-.011866	3.260593	.7080165	6.403170
#2	14.56084	18.96046	.1500108	-.011770	3.161926	.7054810	6.368831
#3	14.72128	19.15169	.1511999	-.011182	3.270039	.6972676	6.383378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.988277	28.13528	-1.41461	.0113281	19.10096	4.010940	.3264654
Stddev	.038676	.04511	.01214	.0003047	.07611	.032254	.0015757
%RSD	.4302884	.1603158	.8581785	2.689995	.3984655	.8041505	.4826649

#1	8.946348	28.11557	-1.40553	.0112840	19.12674	3.981396	.3247266
#2	8.995926	28.10339	-1.40991	.0116525	19.01531	4.006073	.3268708
#3	9.022557	28.18689	-1.42840	.0110478	19.16084	4.045351	.3277989

Sample Name: I3135-05 Acquired: 5/18/2017 18:14:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC33 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.366245	.0874318	.5202059
Stddev	.008137	.0005993	.0019676
%RSD	.5956050	.6854839	.3782270

#1	1.359119	.0873222	.5180447
#2	1.364504	.0868947	.5206798
#3	1.375112	.0880783	.5218932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.733	2759.432	59545.88	5139.534	3031.796
Stddev	11.796	6.153	129.88	26.720	4.963
%RSD	.6408150	.2229819	.2181092	.5198920	.1636893

#1	1828.897	2753.215	59536.23	5150.757	3029.236
#2	1840.814	2765.519	59421.10	5158.812	3037.516
#3	1852.488	2759.561	59680.32	5109.033	3028.637

Sample Name: I3135-06 Acquired: 5/18/2017 18:18:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3922210	-.051888	8.395561	-.130138	.1823178	112.2043
Stddev	.0026806	.002633	.016763	.004747	.0009242	.4071
%RSD	.6834498	5.074235	.1996623	3.647311	.5069245	.3628299

#1	.3952246	-.054255	8.404247	-.126717	.1815403	111.7682
#2	.3900716	-.052356	8.376237	-.135557	.1820734	112.5744
#3	.3913667	-.049052	8.406197	-.128140	.1833397	112.2701

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.498101	.0176783	.0793635	384.5858	.3142071	.1476339
Stddev	.013266	.0001314	.0002221	.8778	.0013486	.0008193
%RSD	.3792208	.7433817	.2798899	.2282377	.4291990	.5549311

#1	3.483127	.0178207	.0791614	383.5742	.3148771	.1470801
#2	3.502792	.0175617	.0793278	385.0362	.3150894	.1472467
#3	3.508384	.0176525	.0796014	385.1468	.3126547	.1485750

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.062307	602.6339	F 37.31905	135.2431	.1914318	-.005875
Stddev	.008506	2.3217	.06562	.3968	.0004062	.000259
%RSD	.8006765	.3852644	.1758218	.2934243	.2121884	4.407100

#1	1.058653	599.9530	37.24719	134.8731	.1912647	-.005892
#2	1.072029	603.9780	37.37577	135.1941	.1918949	-.005608
#3	1.056238	603.9707	37.33419	135.6622	.1911359	-.006125

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.421028	.4145578	25.05322	18.92531	23.41412	-1.67700
Stddev	.156190	.0032506	.08667	.07159	.06626	.00671
%RSD	3.532885	.7841229	.3459508	.3783014	.2829838	.4003807

#1	4.599677	.4180111	25.07179	18.84536	23.47442	-1.66945
#2	4.310286	.4115572	24.95876	18.98349	23.34319	-1.68231
#3	4.353121	.4141051	25.12909	18.94708	23.42475	-1.67923

Sample Name: I3135-06 Acquired: 5/18/2017 18:18:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC34 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231930	34.14818	6.788158	.3727655	1.704517	.1481871
Stddev	.0001559	.12244	.012815	.0015527	.006848	.0003788
%RSD	.6720666	.3585666	.1887875	.4165326	.4017491	.2556236

#1	.0232267	34.26836	6.774124	.3727777	1.697970	.1478051
#2	.0233293	34.02359	6.791113	.3743120	1.711630	.1485626
#3	.0230231	34.15257	6.799238	.3712067	1.703951	.1481936

Elem	Sr4077
Units	ppm
Avg	.8046507
Stddev	.0025386
%RSD	.3154875

#1	.8017287
#2	.8059097
#3	.8063137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1680.044	2531.338	55307.19	4879.703	2684.269
Stddev	6.738	2.134	71.13	4.003	2.960
%RSD	.4010898	.0843216	.1286031	.0820282	.1102766

#1	1674.821	2530.814	55290.77	4883.930	2681.428
#2	1687.650	2529.514	55245.71	4879.208	2687.336
#3	1677.660	2533.685	55385.09	4875.970	2684.043

Sample Name: I3135-07 Acquired: 5/18/2017 18:22:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1010661	-.017068	3.425641	-.031557	.0259786	84.45484	1.440790
Stddev	.0033460	.002254	.014230	.004662	.0009229	.39568	.005742
%RSD	3.310728	13.20704	.4153915	14.77347	3.552700	.4685121	.3985408

#1	.1034329	-.015646	3.435333	-.026323	.0249578	84.35306	1.440683
#2	.0972380	-.019667	3.409304	-.035265	.0262236	84.89147	1.446585
#3	.1025274	-.015891	3.432285	-.033082	.0267543	84.11999	1.435102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087698	.0383613	57.09471	.2602071	.0493761	1.390117	216.9873
Stddev	.0001606	.0001530	.14620	.0030129	.0004517	.005942	.6807
%RSD	1.831539	.3988198	.2560669	1.157871	.9148521	.4274428	.3137067

#1	.0086399	.0385066	57.21150	.2567820	.0497784	1.393076	216.7383
#2	.0089494	.0383755	57.14189	.2624480	.0494624	1.393998	217.7575
#3	.0087202	.0382016	56.93075	.2613912	.0488874	1.383276	216.4662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.040891	14.23196	.3861991	.0055243	1.302871	.1933603	4.997999
Stddev	.021392	.03679	.0019908	.0000948	.112833	.0029296	.053398
%RSD	.3541233	.2584802	.5154953	1.715773	8.660308	1.515092	1.068394

#1	6.035235	14.19244	.3881736	.0056327	1.365976	.1956771	4.957771
#2	6.064543	14.26521	.3841923	.0054571	1.370032	.1943365	4.977645
#3	6.022895	14.23823	.3862313	.0054831	1.172604	.1900673	5.058581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.087243	11.00959	-.571583	.0121773	11.43143	3.487413	.1214348
Stddev	.036428	.02905	.001840	.0002448	.02553	.017702	.0011257
%RSD	1.179952	.2638266	.3219714	2.010467	.2233468	.5076110	.9270138

#1	3.055983	11.02114	-.569618	.0120043	11.44325	3.478289	.1213918
#2	3.127248	10.97654	-.573267	.0124574	11.40213	3.507816	.1203312
#3	3.078500	11.03108	-.571863	.0120702	11.44892	3.476134	.1225814

Sample Name: I3135-07 Acquired: 5/18/2017 18:22:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC35 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6747326	.0492809	.1631997
Stddev	.0061868	.0002077	.0007067
%RSD	.9169342	.4214921	.4330076

#1	.6701880	.0491212	.1628326
#2	.6817785	.0492059	.1640144
#3	.6722314	.0495157	.1627522

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.686	2664.804	57302.39	4847.416	3279.985
Stddev	6.228	13.002	231.70	15.629	13.844
%RSD	.3503517	.4879276	.4043473	.3224185	.4220742

#1	1779.334	2651.802	57566.03	4838.724	3264.757
#2	1770.800	2664.803	57131.13	4838.065	3283.387
#3	1782.925	2677.806	57210.02	4865.458	3291.810

Sample Name: CCV027 Acquired: 5/18/2017 18:27:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.887230	4.677389	23.93807	4.750791	4.828599	390.3360
Stddev	.027284	.033440	.15897	.048623	.049931	1.5671
%RSD	.5582762	.7149217	.6641002	1.023480	1.034074	.4014718

#1	4.878857	4.683242	23.94929	4.751255	4.851432	389.5330
#2	4.865113	4.641409	23.77379	4.701938	4.771333	389.3332
#3	4.917720	4.707515	24.09114	4.799181	4.863031	392.1418

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.768432	.4966572	2.367742	376.5800	14.56469	2.384473
Stddev	.021020	.0014555	.018885	.4312	.07232	.019002
%RSD	.2151880	.2930698	.7975968	.1144915	.4965246	.7969148

#1	9.747946	.4950821	2.367236	376.1549	14.64813	2.385328
#2	9.767399	.4969370	2.349115	376.5681	14.52014	2.365058
#3	9.789949	.4979526	2.386874	377.0170	14.52580	2.403034

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.89119	402.5648	13.79417	376.6524	2.359372	1.206925
Stddev	.04415	1.6671	.01736	1.1080	.014475	.005835
%RSD	.2965034	.4141223	.1258263	.2941700	.6135018	.4834620

#1	14.85139	402.4146	13.80779	375.4240	2.367993	1.213583
#2	14.88348	400.9779	13.80009	376.9569	2.342661	1.202702
#3	14.93868	404.3020	13.77463	377.5763	2.367462	1.204490

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.1676	2.398587	14.70817	154.7791	5.017874	F 4.181101
Stddev	2.5168	.006805	.08934	.4823	.053030	.005499
%RSD	.6211805	.2837001	.6073933	.3115748	1.056823	.1315156

#1	403.5750	2.400164	14.62312	154.3647	5.033895	4.184681
#2	403.8585	2.391132	14.70014	154.6643	4.958680	4.183853
#3	408.0691	2.404465	14.80125	155.3085	5.061046	4.174770

Sample Name: CCV027 Acquired: 5/18/2017 18:27:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV027 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.762147	4.489331	5.033087	4.738749	4.928184	5.145647
Stddev	.051119	.018963	.004585	.035193	.023327	.018082
%RSD	1.073450	.4223906	.0910897	.7426714	.4733329	.3514041

#1	4.769550	4.491154	5.027939	4.730064	4.915237	5.130996
#2	4.707730	4.469523	5.036730	4.708712	4.914202	5.140090
#3	4.809161	4.507316	5.034592	4.777472	4.955113	5.165856

Elem	Sr4077
Units	ppm
Avg	5.029004
Stddev	.011302
%RSD	.2247398

#1	5.018415
#2	5.027693
#3	5.040905

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.926	2073.897	44841.27	4006.864	2411.382
Stddev	5.769	18.295	242.24	7.781	16.533
%RSD	.4211232	.8821501	.5402062	.1941978	.6856192

#1	1366.184	2066.155	44569.86	4000.175	2402.686
#2	1376.570	2094.790	45035.54	4015.404	2430.448
#3	1367.025	2060.747	44918.43	4005.015	2401.011

Sample Name: CCB027 Acquired: 5/18/2017 18:31:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001222	.0017409	-.000028	.0044711	.0002150	.0097346	-.002180
Stddev	.001122	.0003339	.000329	.0010630	.0015618	.0056165	.000424
%RSD	91.84225	19.18052	1190.368	23.77426	726.4808	57.69618	19.46229

#1	-.002389	.0017296	-.000166	.0047540	.0019565	.0152632	-.002364
#2	-.001127	.0020803	-.000265	.0053640	-.001061	.0099064	-.002481
#3	-.000150	.0014127	.000348	.0032953	-.000250	.0040342	-.001695

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	-.000035	.0169285	-.000315	-.000192	.0013746	.0136499
Stddev	.000030	.000065	.0111948	.000443	.000266	.0009887	.0058115
%RSD	30.87078	188.4592	66.12973	140.4707	138.8162	71.92809	42.57528

#1	-.000124	.000041	.0207287	-.000817	-.000367	.0006053	.0200887
#2	-.000099	-.000071	.0043283	.000020	.000114	.0010286	.0120673
#3	-.000065	-.000073	.0257285	-.000148	-.000322	.0024898	.0087936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008016	.0640328	-.000138	.0004705	-.191629	-.002624	-.000166
Stddev	.0001908	.0265194	.000325	.0001966	.155819	.001901	.008791
%RSD	23.80083	41.41542	235.0492	41.79059	81.31291	72.42958	5291.637

#1	.0007005	.0762778	.000004	.0006942	-.017546	-.000433	.004353
#2	.0010216	.0822171	-.000511	.0003252	-.318052	-.003612	-.010298
#3	.0006827	.0336033	.000092	.0003920	-.239287	-.003827	.005446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037942	.0001177	.0042803	.0006113	-.192212	-.001659	.0008531
Stddev	.004409	.0017725	.0006987	.0002735	.007819	.000946	.0004882
%RSD	11.62079	1505.802	16.32373	44.74092	4.068030	56.98234	57.23286

#1	-.033969	.0006990	.0044293	.0009271	-.201239	-.002444	.0014163
#2	-.042686	-.001872	.0048925	.0004476	-.187533	-.001924	.0005914
#3	-.037172	.001527	.0035191	.0004594	-.187864	-.000610	.0005514

Sample Name: CCB027 Acquired: 5/18/2017 18:31:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB027 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001958	-.000681	.0000748
Stddev	.0006819	.000507	.0001070
%RSD	348.2663	74.36609	143.0129

#1	-.000591	-.000098	.0000102
#2	.000615	-.001014	.0001983
#3	.000563	-.000931	.0000159

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.073	2608.947	54529.73	4408.715	3757.965
Stddev	5.030	16.832	32.35	42.148	21.236
%RSD	.2900823	.6451508	.0593277	.9560177	.5650978

#1	1734.151	2613.935	54542.86	4367.913	3761.449
#2	1739.064	2622.720	54492.88	4406.142	3777.243
#3	1729.005	2590.185	54553.45	4452.091	3735.202