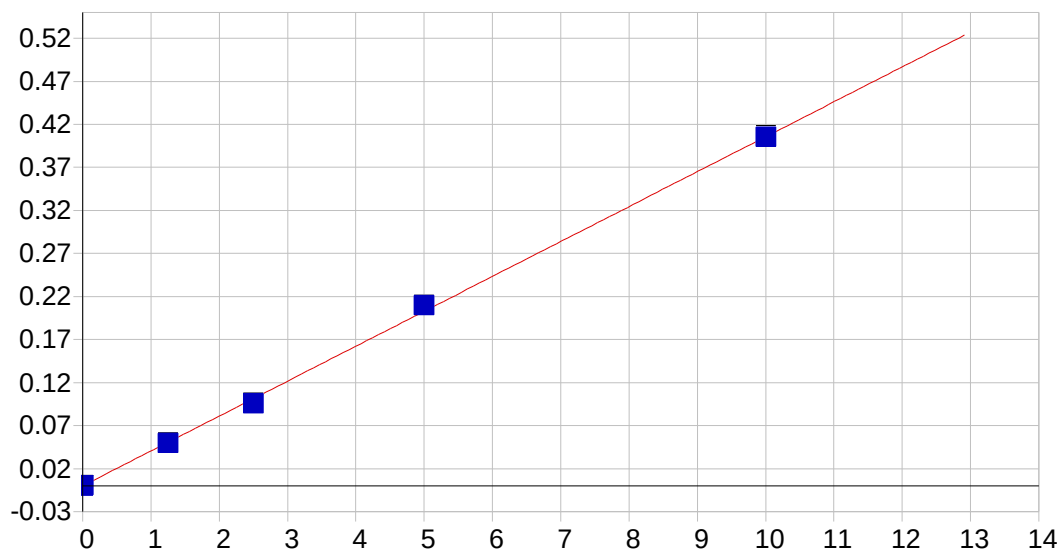




As 189.042 {479}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000091

Re-Slope: 1.000000

A1 (Gain): 0.040570

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999638

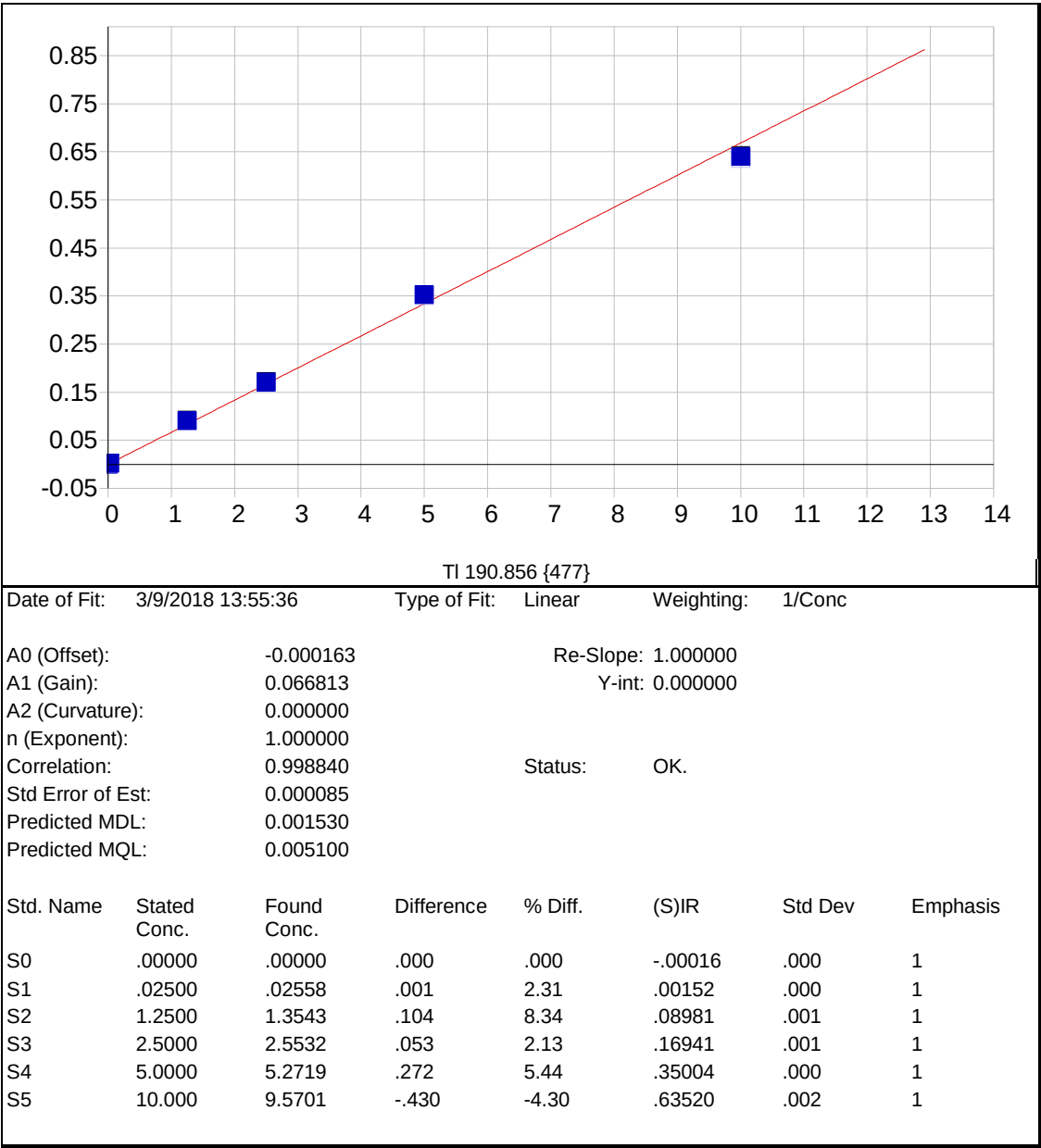
Status: OK.

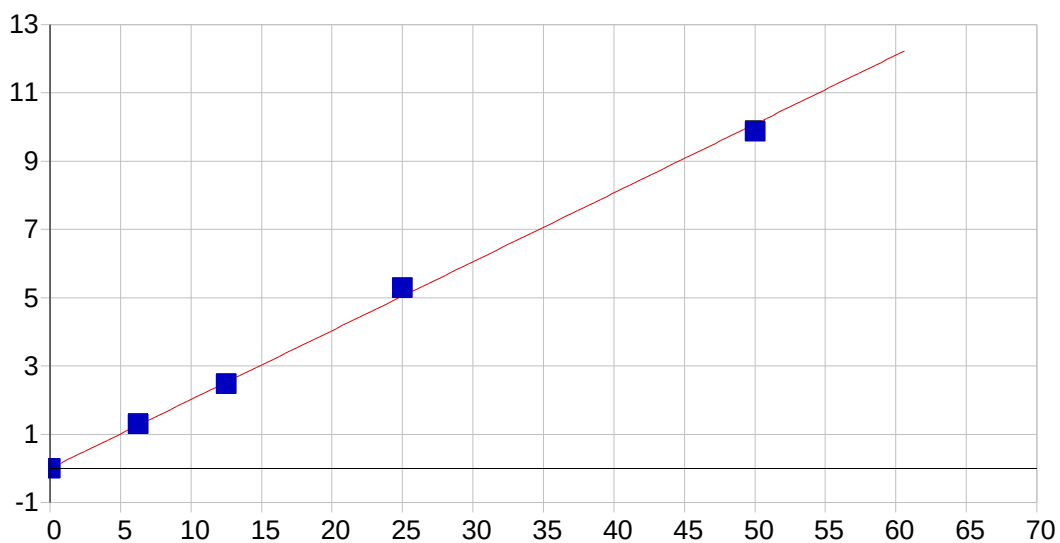
Std Error of Est: 0.000018

Predicted MDL: 0.002382

Predicted MQL: 0.007939

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01000	.01143	.001	14.3	.00037	.000	1
S2	1.2500	1.2288	-.021	-1.69	.04988	.000	1
S3	2.5000	2.3641	-.136	-5.44	.09606	.000	1
S4	5.0000	5.1685	.168	3.37	.21007	.000	1
S5	10.000	9.9871	-.013	-.129	.40604	.001	1





Pb 220.353 {453}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000030

Re-Slope: 1.000000

A1 (Gain): 0.201780

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999525

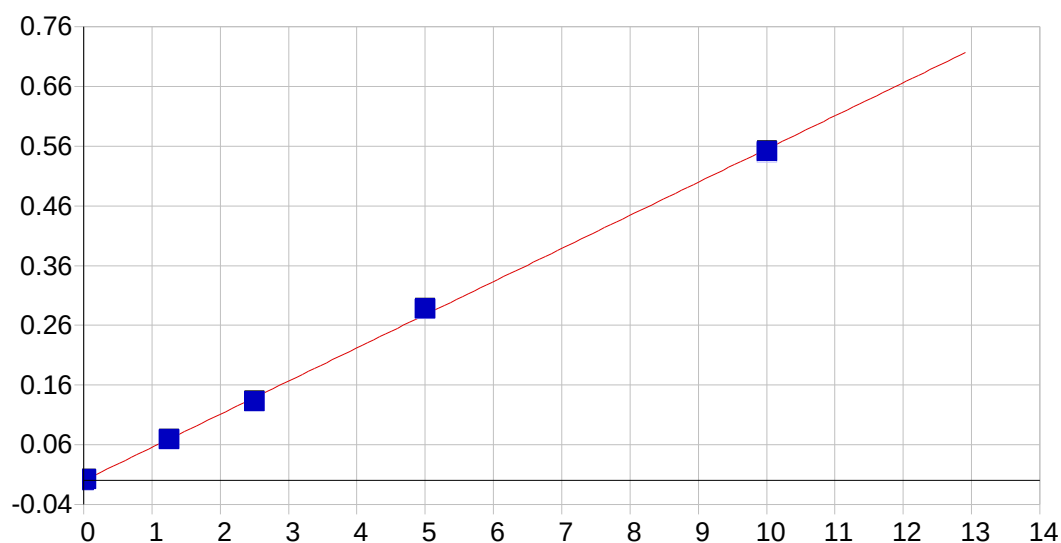
Status: OK.

Std Error of Est: 0.000233

Predicted MDL: 0.001183

Predicted MQL: 0.003944

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.00855	-.001	-14.5	.00177	.000	1
S2	6.2500	6.4535	.203	3.26	1.3042	.005	1
S3	12.500	12.232	-.268	-2.15	2.4721	.010	1
S4	25.000	26.153	1.15	4.61	5.2850	.008	1
S5	50.000	48.913	-1.09	-2.17	9.8855	.016	1



Se 196.090 {472}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000143

Re-Slope: 1.000000

A1 (Gain): 0.055502

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999678

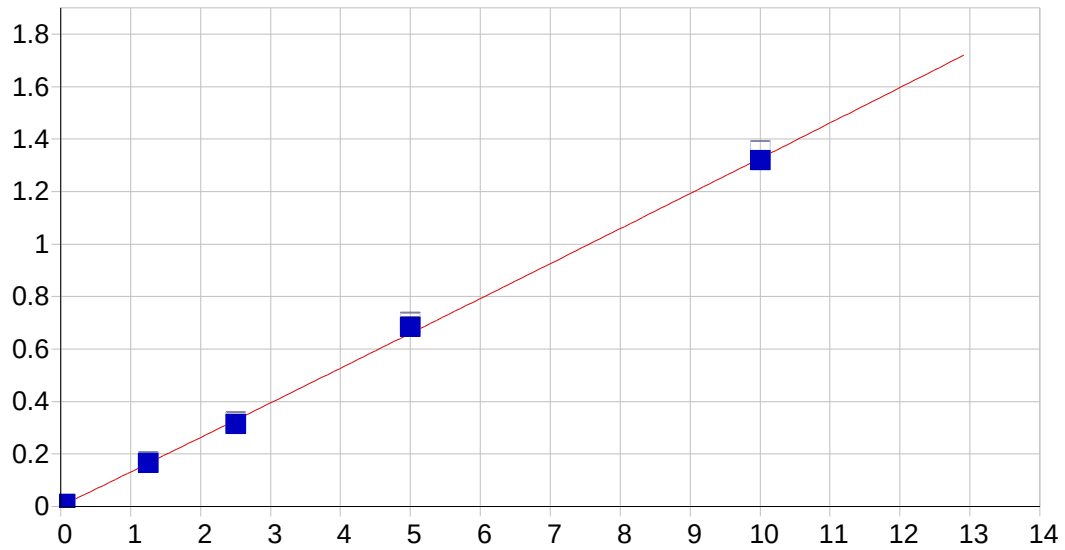
Status: OK.

Std Error of Est: 0.000044

Predicted MDL: 0.002435

Predicted MQL: 0.008117

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.03500	.03527	.000	.769	.00210	.000	1
S2	1.2500	1.2425	-.008	-.602	.06878	.000	1
S3	2.5000	2.3931	-.107	-4.28	.13231	.000	1
S4	5.0000	5.1852	.185	3.70	.28663	.001	1
S5	10.000	9.9290	-.071	-.710	.54862	.001	1



Sb 206.833 {463}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000525

Re-Slope: 1.000000

A1 (Gain): 0.130897

Y-int: 0.000000

A2 (Curvature): 0.000173

n (Exponent): 1.000000

Correlation: 0.999660

Status:

Warning

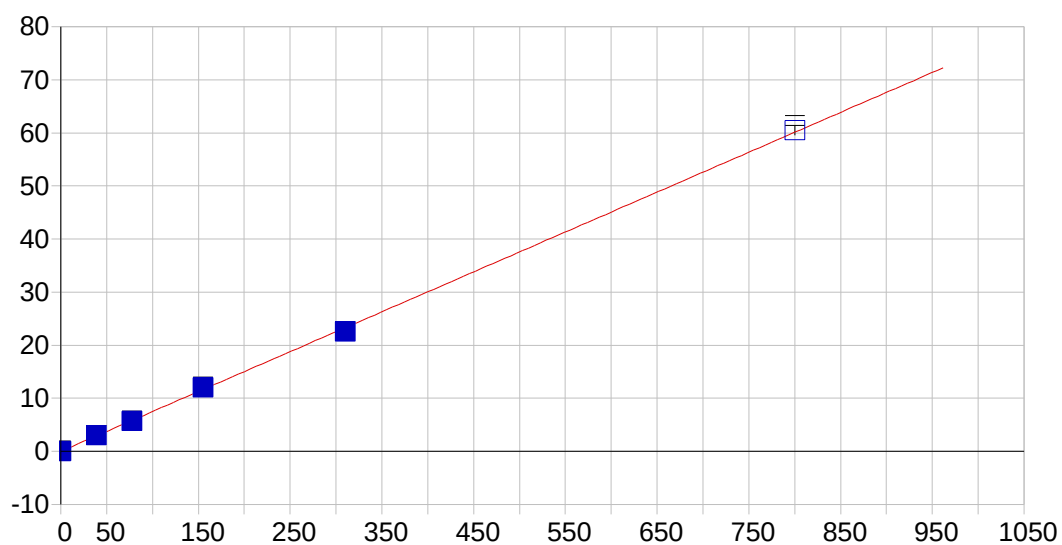
Positive Curvature

Std Error of Est: 0.000168

Predicted MDL: 0.001310

Predicted MQL: 0.004368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00053	.000	1
S1	.06000	.05552	-.004	-7.47	.00779	.000	1
S2	1.2500	1.2567	.007	.533	.16975	.000	1
S3	2.5000	2.3762	-.124	-4.95	.32145	.000	1
S4	5.0000	5.1815	.181	3.63	.70124	.001	1
S5	10.000	9.9400	-.060	-.600	1.3544	.001	1



AI 396.152 { 85}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000431

Re-Slope: 1.000000

A1 (Gain): 0.075128

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999743

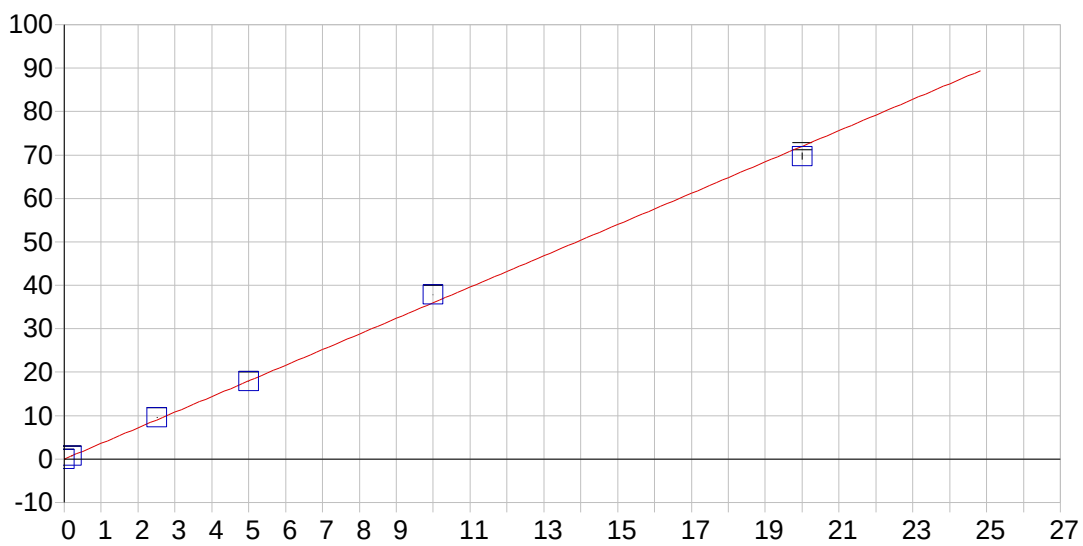
Status: OK.

Std Error of Est: 0.001060

Predicted MDL: 0.009463

Predicted MQL: 0.031545

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00043	.001	1
S1	.20000	.21370	.014	6.85	.01565	.000	1
S2	38.750	40.503	1.75	4.52	3.0452	.002	1
S3	77.500	75.473	-2.03	-2.62	5.6752	.037	1
S4	155.00	160.41	5.41	3.49	12.062	.037	1
S5	310.00	299.52	-10.5	-3.38	22.524	.042	1
S6	800.00	805.33	5.33	.666	60.503	.939	1



Ba 493.409 { 68}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002431

Re-Slope: 1.000000

A1 (Gain): 3.599934

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999262

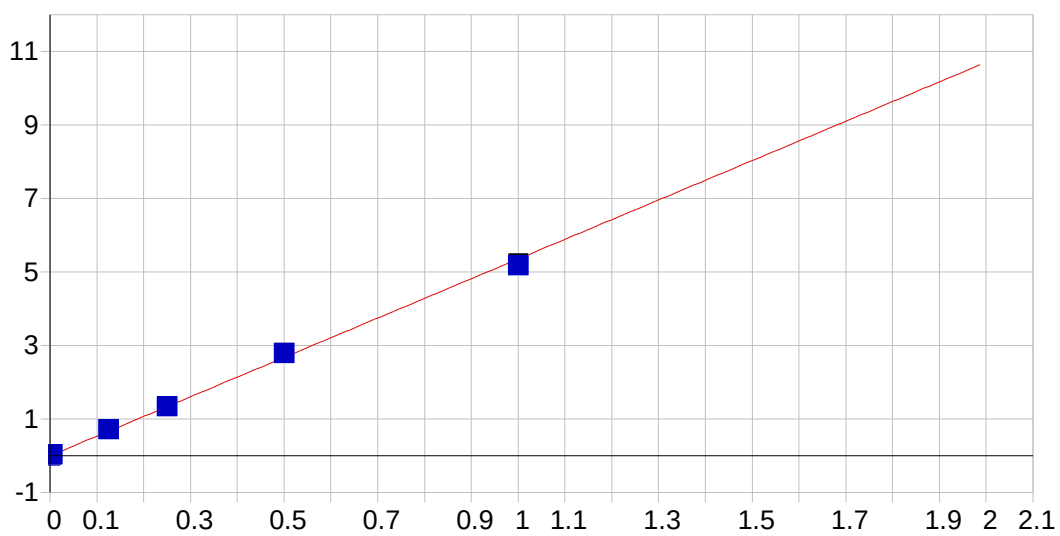
Status: OK.

Std Error of Est: 0.014704

Predicted MDL: 0.000502

Predicted MQL: 0.001672

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00250	.000	1
S1	.20000	.20412	.004	2.06	.73239	.003	1
S2	2.5000	2.6574	.157	6.30	9.5640	.046	1
S3	5.0000	4.9634	-.037	-.731	17.866	.064	1
S4	10.000	10.505	.505	5.05	37.816	.061	1
S5	20.000	19.370	-.630	-3.15	69.727	.799	1



Be 234.861 {144}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002452

Re-Slope: 1.000000

A1 (Gain): 5.354569

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999259

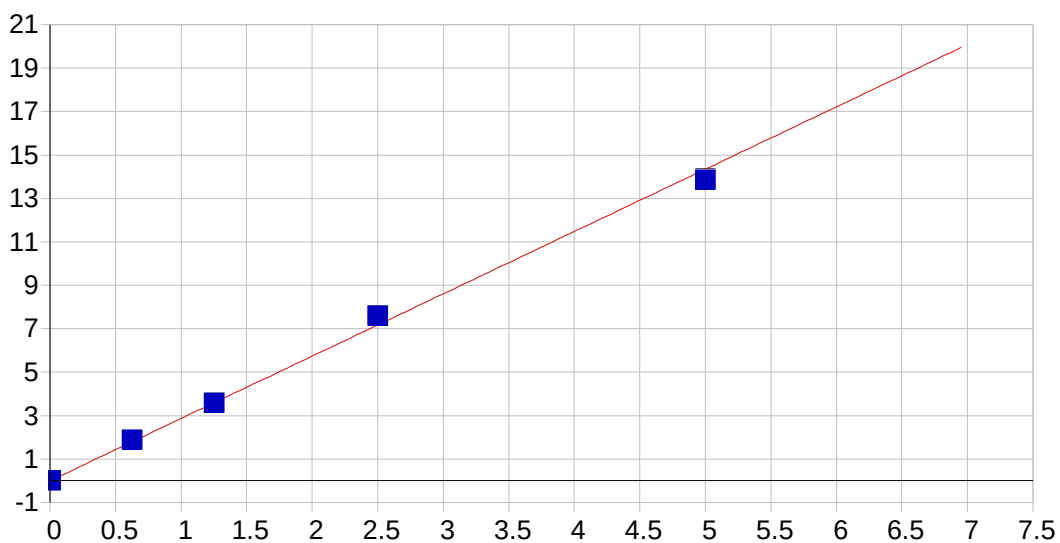
Status: OK.

Std Error of Est: 0.000771

Predicted MDL: 0.000073

Predicted MQL: 0.000242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00246	.000	1
S1	.00500	.00553	.001	10.6	.02712	.000	1
S2	.12500	.13490	.010	7.92	.71695	.003	1
S3	.25000	.25033	.000	.130	1.3321	.007	1
S4	.50000	.52123	.021	4.25	2.7768	.006	1
S5	1.0000	.96802	-.032	-3.20	5.1575	.045	1



Cd 214.438 {457}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000153

Re-Slope: 1.000000

A1 (Gain): 2.869440

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999162

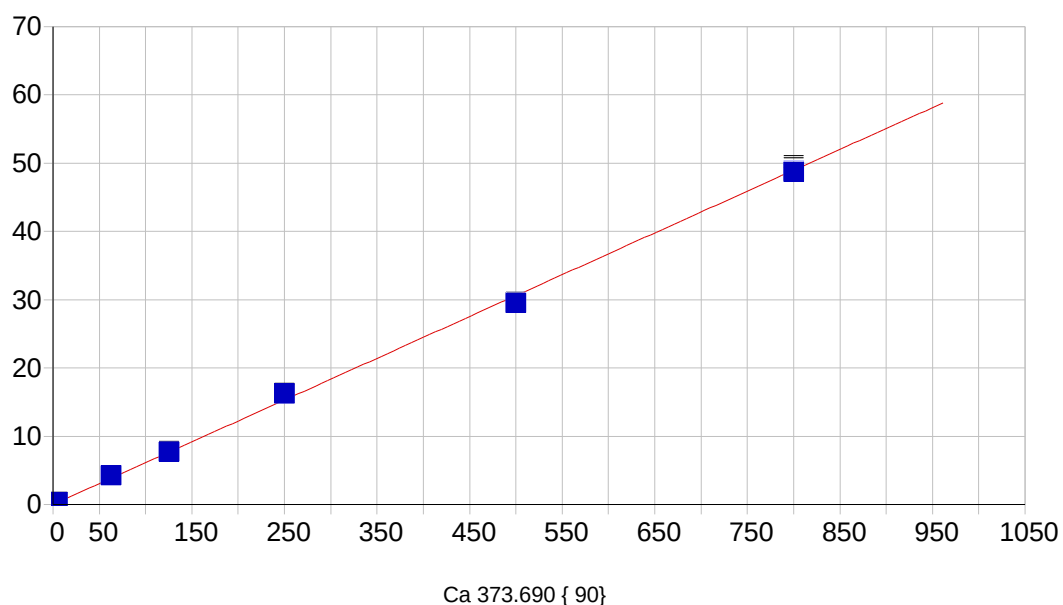
Status: OK.

Std Error of Est: 0.000988

Predicted MDL: 0.000059

Predicted MQL: 0.000197

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.00500	.00494	.000	-1.14	.01404	.000	1
S2	.62500	.65831	.033	5.33	1.8925	.008	1
S3	1.2500	1.2486	-.001	-.112	3.5900	.015	1
S4	2.5000	2.6416	.142	5.66	7.5944	.004	1
S5	5.0000	4.8266	-.173	-3.47	13.879	.029	1



Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001691

Re-Slope: 1.000000

A1 (Gain): 0.061199

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999358

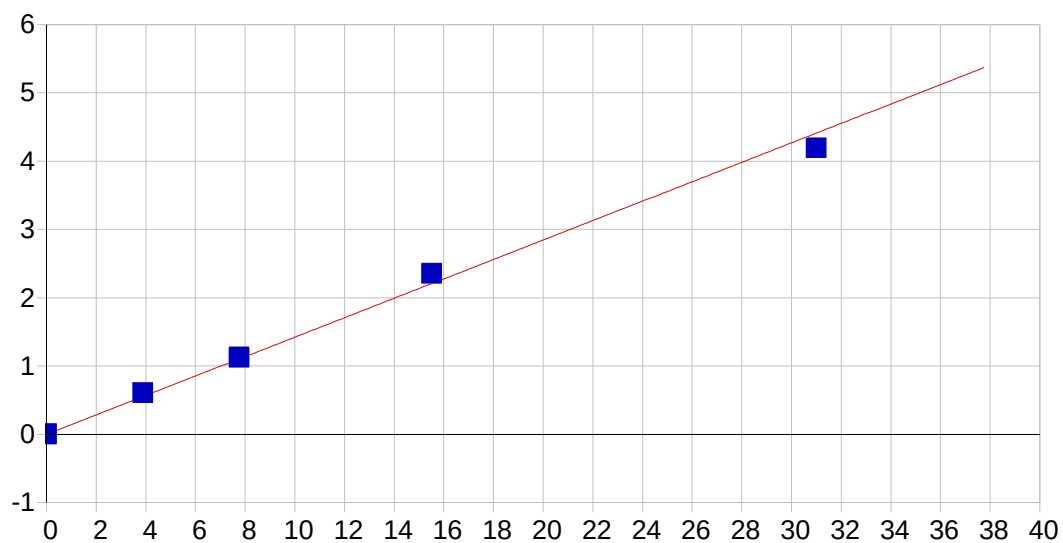
Status: OK.

Std Error of Est: 0.007696

Predicted MDL: 0.011131

Predicted MQL: 0.037103

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00112	-.001	.000	.00162	.001	1
S1	5.0000	5.4707	.471	9.41	.33653	.001	1
S2	62.500	68.965	6.46	10.3	4.2359	.012	1
S3	125.00	126.07	1.07	.853	7.7440	.047	1
S4	250.00	264.75	14.8	5.90	16.259	.036	1
S5	500.00	482.12	-17.9	-3.58	29.616	.047	1
S6	800.00	795.14	-4.86	-.607	48.954	.680	1

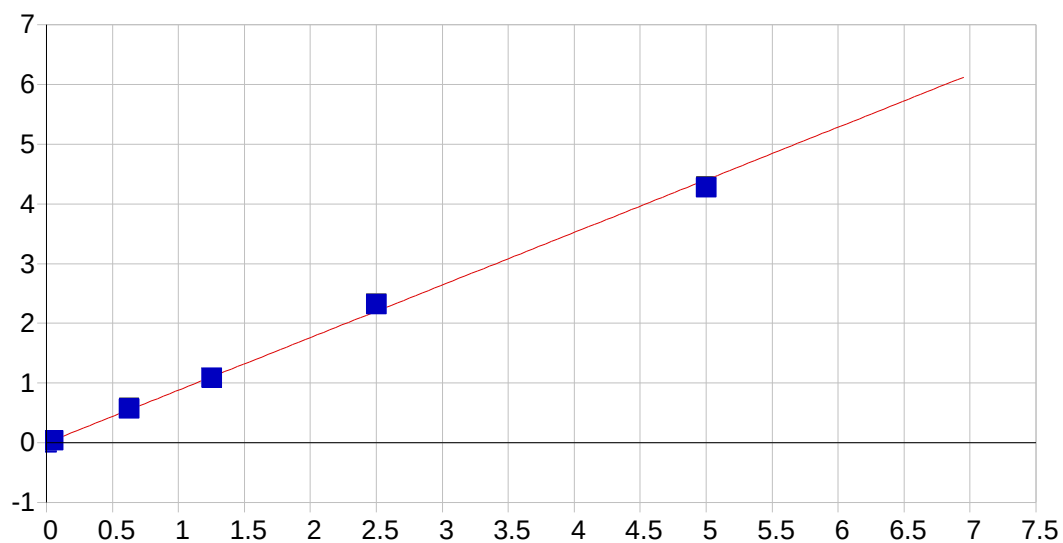


Cr 267.716 {126}

Date of Fit: 3/9/2018 13:55:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.142292 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998421 Status: OK.
 Std Error of Est: 0.000237
 Predicted MDL: 0.000500
 Predicted MQL: 0.001667

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.01102	.001	10.2	.00151	.000	1
S2	3.8750	4.2678	.393	10.1	.60818	.002	1
S3	7.7500	7.8977	.148	1.91	1.1257	.002	1
S4	15.500	16.503	1.00	6.47	2.3522	.006	1
S5	31.000	29.455	-1.54	-4.98	4.1989	.005	1



Co 228.616 {448}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000204

Re-Slope: 1.000000

A1 (Gain): 0.880527

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999315

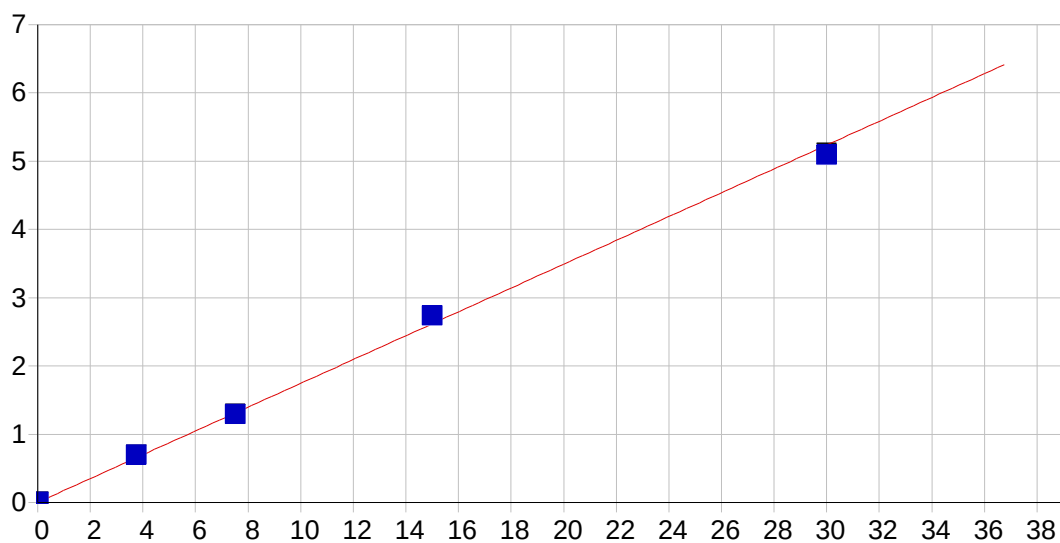
Status: OK.

Std Error of Est: 0.000868

Predicted MDL: 0.000190

Predicted MQL: 0.000634

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.05000	.04763	-.002	-4.74	.04190	.001	1
S2	.62500	.65200	.027	4.32	.57499	.001	1
S3	1.2500	1.2359	-.014	-1.13	1.0902	.005	1
S4	2.5000	2.6351	.135	5.40	2.3244	.002	1
S5	5.0000	4.8544	-.146	-2.91	4.2829	.007	1



Cu 324.754 {104}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000753

Re-Slope: 1.000000

A1 (Gain): 0.174507

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999388

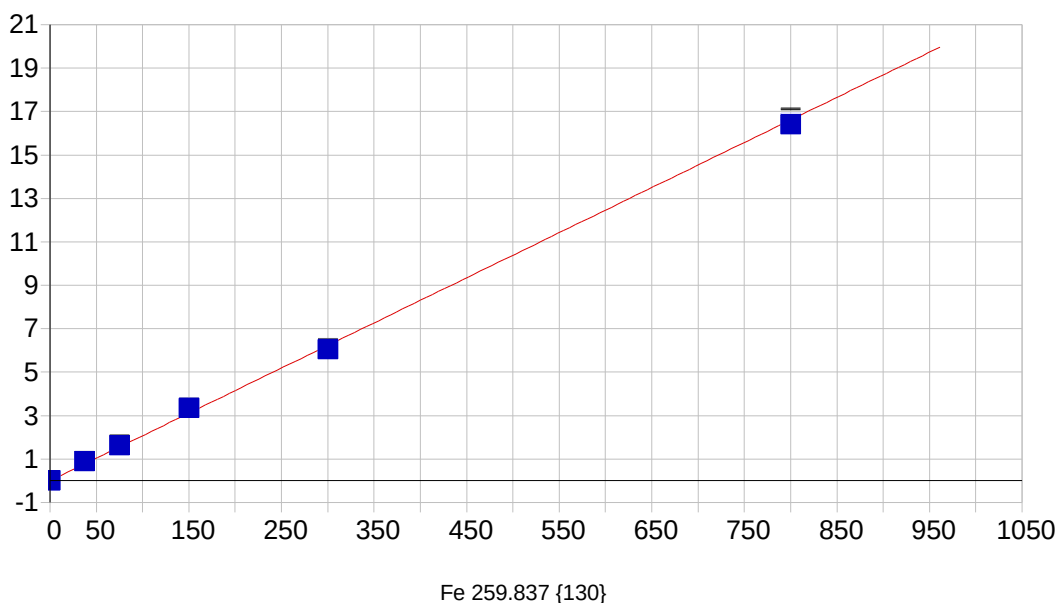
Status: OK.

Std Error of Est: 0.000280

Predicted MDL: 0.002471

Predicted MQL: 0.008237

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00075	.000	1
S1	.02500	.02365	-.001	-5.39	.00487	.000	1
S2	3.7500	3.9817	.232	6.18	.69518	.002	1
S3	7.5000	7.4115	-.088	-1.18	1.2933	.003	1
S4	15.000	15.680	.680	4.54	2.7355	.007	1
S5	30.000	29.178	-.822	-2.74	5.0892	.027	1



Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000011

Re-Slope: 1.000000

A1 (Gain): 0.020769

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999244

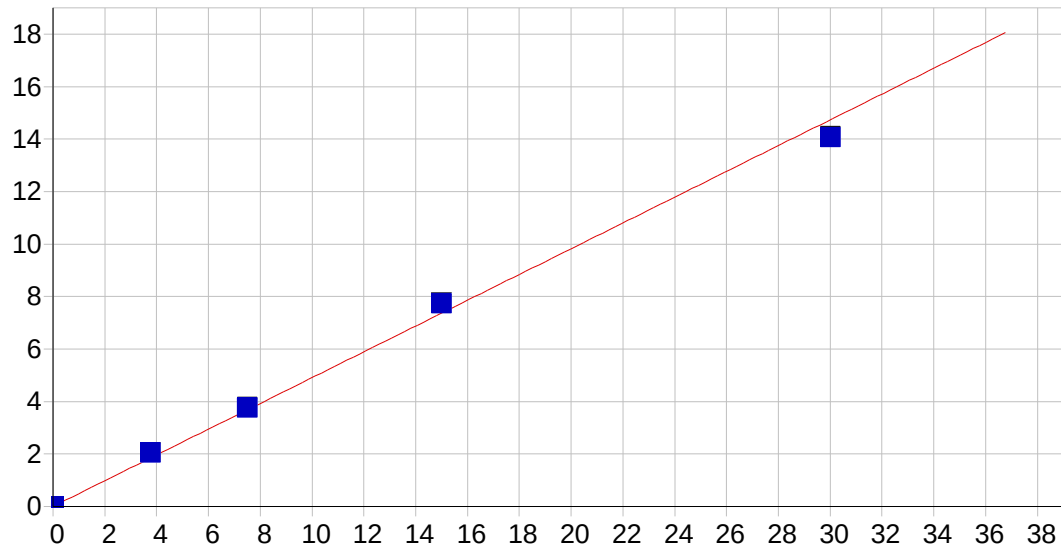
Status: OK.

Std Error of Est: 0.000354

Predicted MDL: 0.010046

Predicted MQL: 0.033487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00001	.000	1
S1	.10000	.11501	.015	15.0	.00244	.000	1
S2	37.500	42.740	5.24	14.0	.89186	.001	1
S3	75.000	78.217	3.22	4.29	1.6329	.010	1
S4	150.00	160.96	11.0	7.31	3.3598	.008	1
S5	300.00	290.93	-9.07	-3.02	6.0758	.014	1
S6	800.00	789.62	-10.4	-1.30	16.475	.232	1

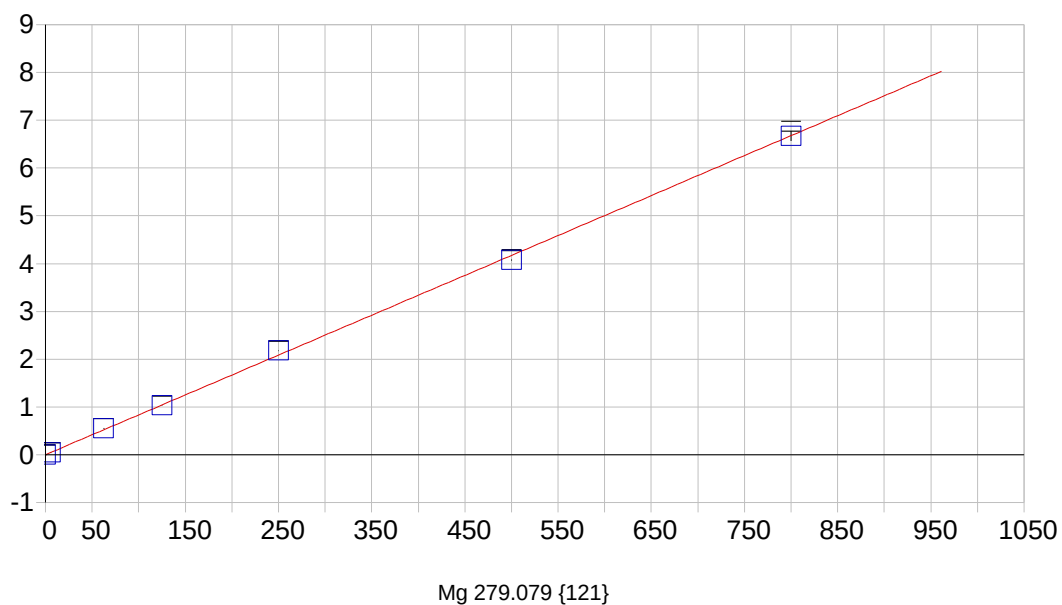


Mn 257.610 {131}

Date of Fit: 3/9/2018 13:55:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000155	Re-Slope: 1.000000
A1 (Gain):	0.491121	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.998652	Status: OK.
Std Error of Est:	0.000908	
Predicted MDL:	0.000483	
Predicted MQL:	0.001609	

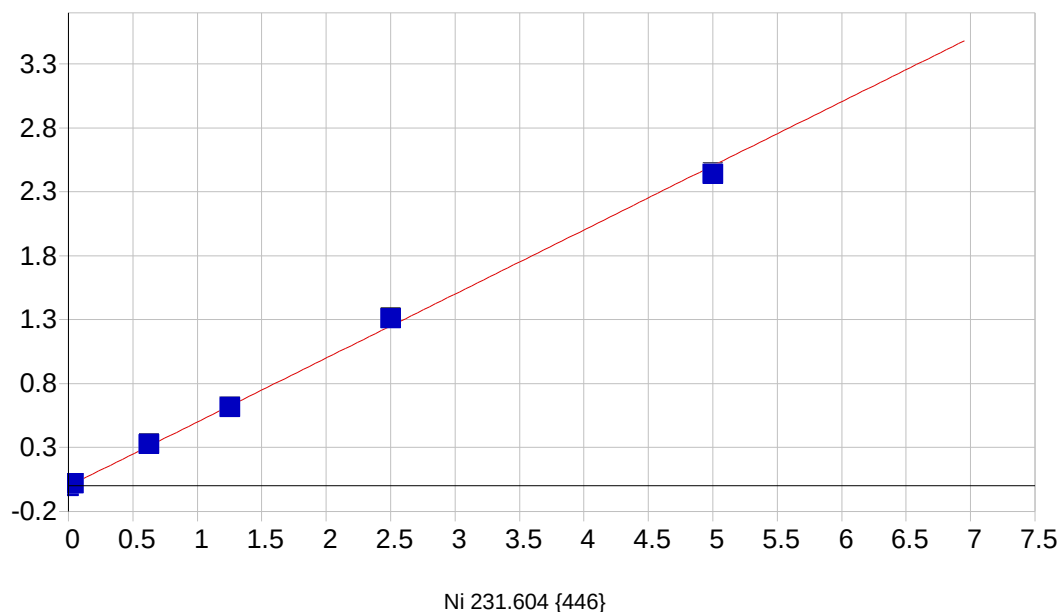
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.01500	.01671	.002	11.4	.00836	.000	1
S2	3.7500	4.1798	.430	11.5	2.0534	.005	1
S3	7.5000	7.6473	.147	1.96	3.7567	.028	1
S4	15.000	15.767	.767	5.12	7.7456	.021	1
S5	30.000	28.654	-1.35	-4.49	14.076	.025	1



Date of Fit: 3/9/2018 13:55:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000512 Re-Slope: 1.000000
 A1 (Gain): 0.008345 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999702 Status: OK.
 Std Error of Est: 0.000711
 Predicted MDL: 0.029939
 Predicted MQL: 0.099797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00058	-.001	.000	-.00052	.000	1
S1	5.0000	5.2632	.263	5.26	.04341	.000	1
S2	62.500	66.268	3.77	6.03	.55252	.001	1
S3	125.00	123.06	-1.94	-1.55	1.0265	.006	1
S4	250.00	260.89	10.9	4.36	2.1767	.008	1
S5	500.00	487.95	-12.1	-2.41	4.0716	.010	1
S6	800.00	799.07	-.927	-.116	6.6681	.100	1



Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001205

Re-Slope: 1.000000

A1 (Gain): 0.500918

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999468

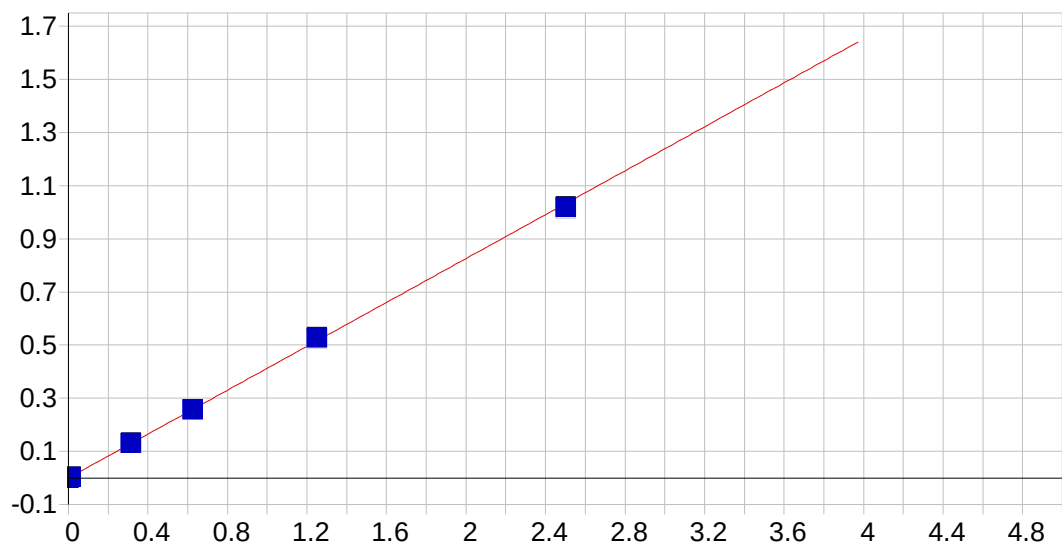
Status: OK.

Std Error of Est: 0.000389

Predicted MDL: 0.000336

Predicted MQL: 0.001119

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00121	.000	1
S1	.04000	.03958	.000	-1.04	.01863	.000	1
S2	.62500	.65493	.030	4.79	.32750	.001	1
S3	1.2500	1.2327	-.017	-1.38	.61756	.002	1
S4	2.5000	2.6140	.114	4.56	1.3108	.002	1
S5	5.0000	4.8738	-.126	-2.52	2.4453	.005	1



Ag 328.068 {103}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000372

Re-Slope: 1.000000

A1 (Gain): 0.413103

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999874

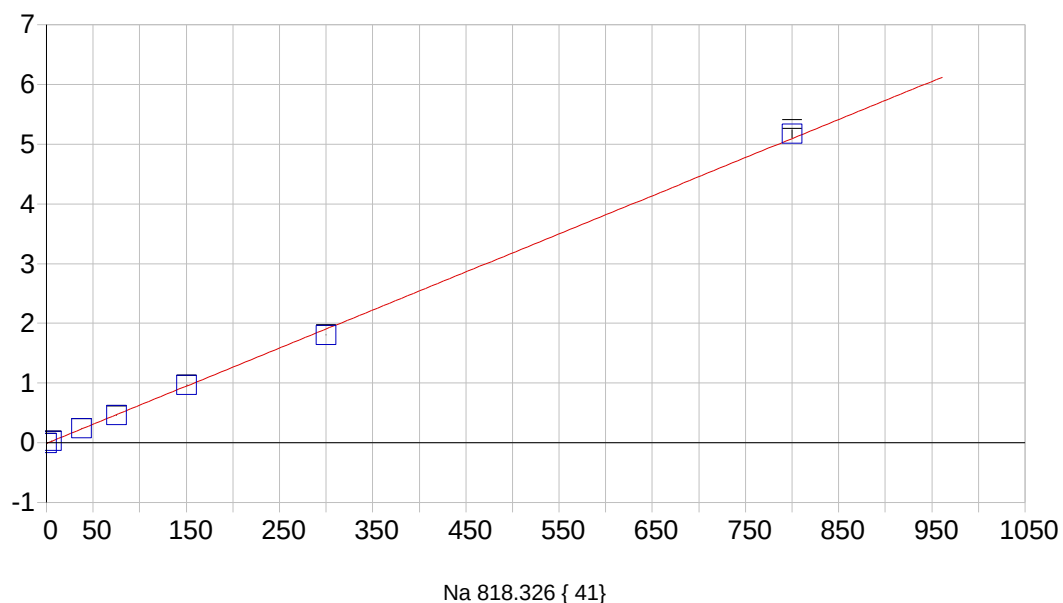
Status: OK.

Std Error of Est: 0.000055

Predicted MDL: 0.000349

Predicted MQL: 0.001162

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.01000	.01003	.000	.327	.00374	.000	1
S2	.31250	.31908	.007	2.11	.13056	.000	1
S3	.62500	.62161	-.003	-.543	.25465	.002	1
S4	1.2500	1.2779	.028	2.24	.52402	.002	1
S5	2.5000	2.4688	-.031	-1.25	1.0125	.001	1



Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.008157

Re-Slope: 1.000000

A1 (Gain): 0.006376

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999536

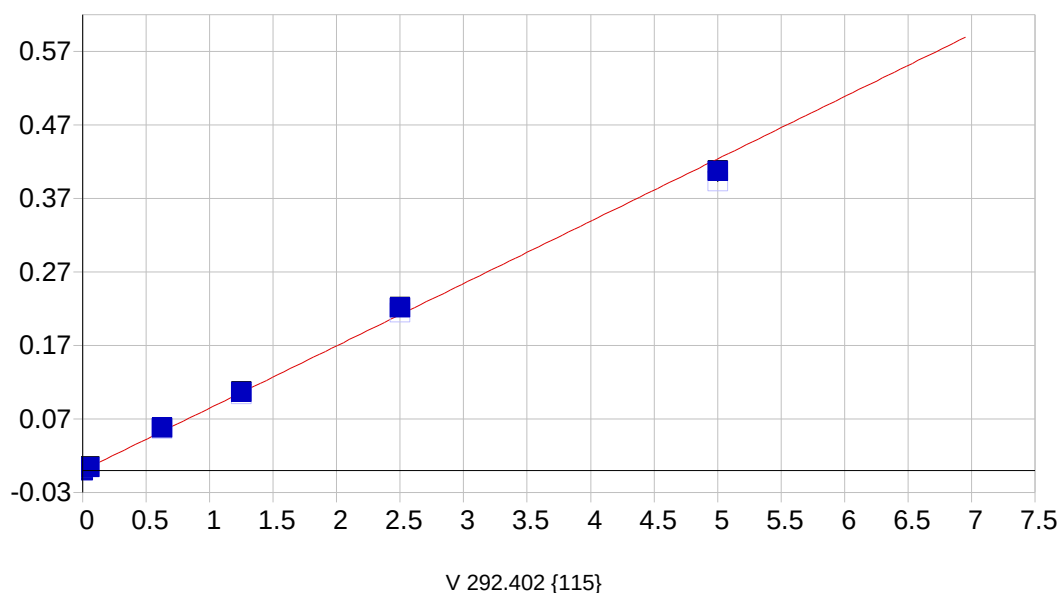
Status: OK.

Std Error of Est: 0.000601

Predicted MDL: 0.217718

Predicted MQL: 0.725726

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	.000	.000	-.00816	.001	1
S1	5.0000	5.1939	.194	3.88	.02496	.001	1
S2	37.500	39.577	2.08	5.54	.24418	.000	1
S3	75.000	72.845	-2.15	-2.87	.45628	.002	1
S4	150.00	152.95	2.95	1.96	.96698	.002	1
S5	300.00	284.25	-15.8	-5.25	1.8041	.003	1
S6	800.00	812.69	12.7	1.59	5.1733	.074	1



Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000076

Re-Slope: 1.000000

A1 (Gain): 0.084770

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998889

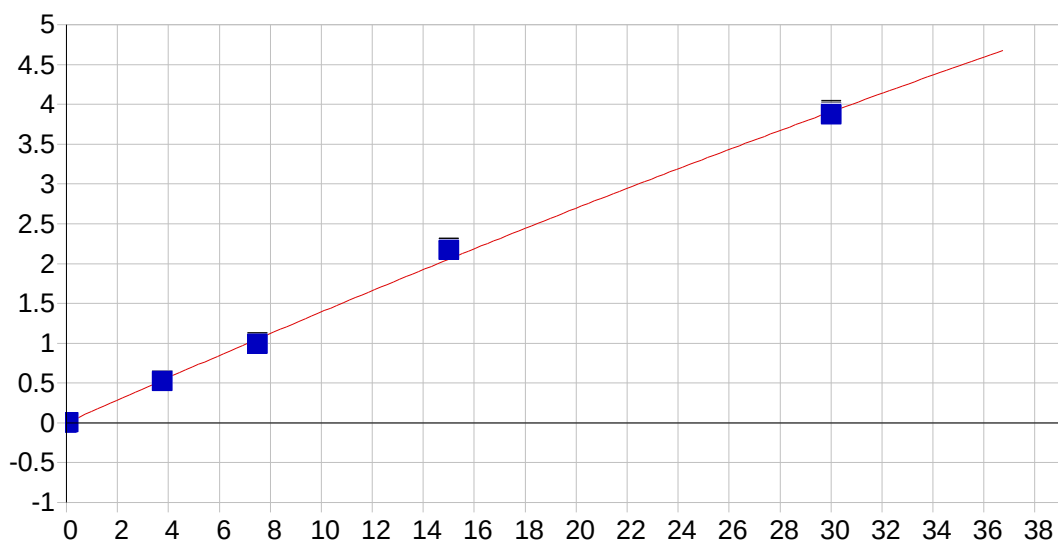
Status: OK.

Std Error of Est: 0.000103

Predicted MDL: 0.003352

Predicted MQL: 0.011172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00008	.000	1
S1	.05000	.05352	.004	7.05	.00445	.000	1
S2	.62500	.68693	.062	9.91	.05641	.000	1
S3	1.2500	1.2618	.012	.947	.10339	.000	1
S4	2.5000	2.6175	.118	4.70	.21482	.001	1
S5	5.0000	4.8051	-.195	-3.90	.39327	.001	1



Zn 213.856 {158}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000380

Re-Slope: 1.000000

A1 (Gain): 0.143850

Y-int: 0.000000

A2 (Curvature): -0.000454

n (Exponent): 1.000000

Correlation: 0.999280

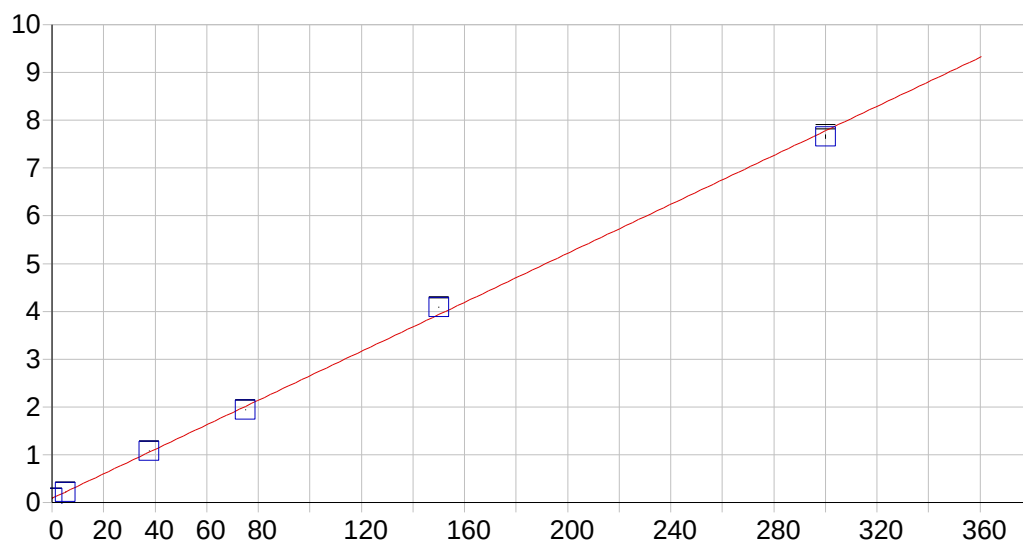
Status: OK.

Std Error of Est: 0.000421

Predicted MDL: 0.003305

Predicted MQL: 0.011017

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00038	.000	1
S1	.06000	.05721	-.003	-4.65	.00788	.001	1
S2	3.7500	3.6837	-.066	-1.77	.52590	.007	1
S3	7.5000	7.0332	-.467	-6.22	.99396	.012	1
S4	15.000	15.872	.872	5.81	2.1786	.021	1
S5	30.000	29.662	-.338	-1.13	3.8875	.039	1



K 769.896 { 44}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.087464

Re-Slope: 1.000000

A1 (Gain): 0.025637

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999604

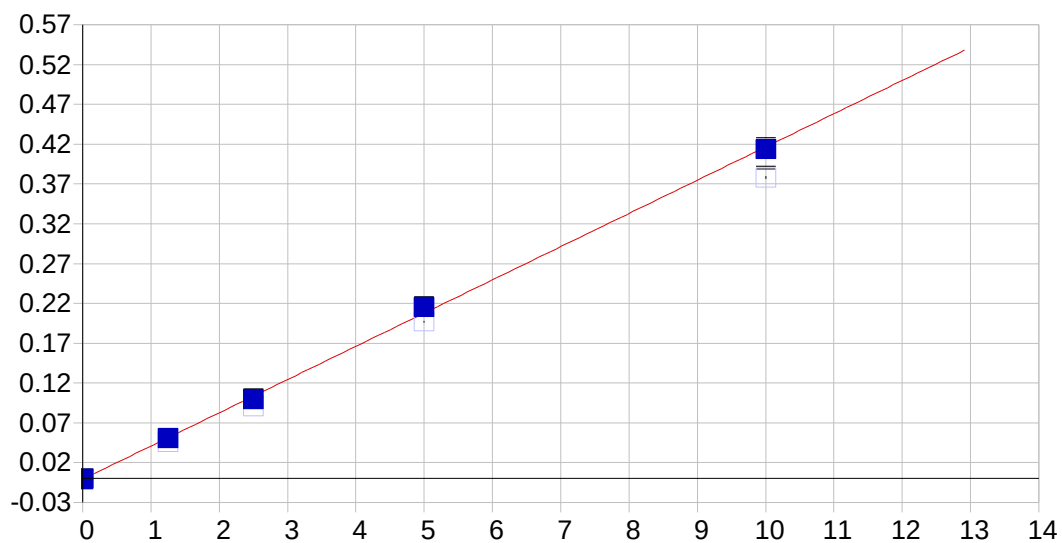
Status: OK.

Std Error of Est: 0.001487

Predicted MDL: 0.055042

Predicted MQL: 0.183474

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	.000	.000	.08746	.000	1
S1	5.0000	5.0340	.034	.679	.21652	.002	1
S2	37.500	38.702	1.20	3.21	1.0797	.004	1
S3	75.000	72.409	-2.59	-3.45	1.9438	.002	1
S4	150.00	156.08	6.08	4.05	4.0889	.011	1
S5	300.00	295.28	-4.72	-1.57	7.6575	.047	1



P 177.495 {490}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000804

Re-Slope: 1.000000

A1 (Gain): 0.041722

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999642

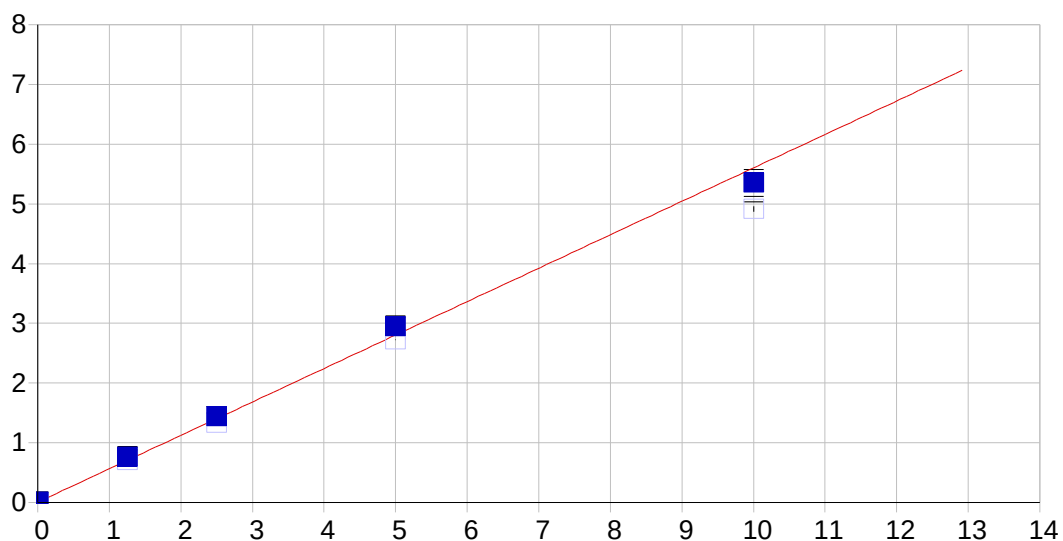
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.001851

Predicted MQL: 0.006170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00080	.000	1
S1	.01000	.01224	.002	22.4	-.00032	.000	1
S2	1.2500	1.2263	-.024	-1.90	.04586	.000	1
S3	2.5000	2.4041	-.096	-3.84	.09050	.001	1
S4	5.0000	5.1765	.177	3.53	.19718	.001	1
S5	10.000	9.9408	-.059	-.592	.37796	.002	1



B 249.678 {135}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004142

Re-Slope: 1.000000

A1 (Gain): 0.559835

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998612

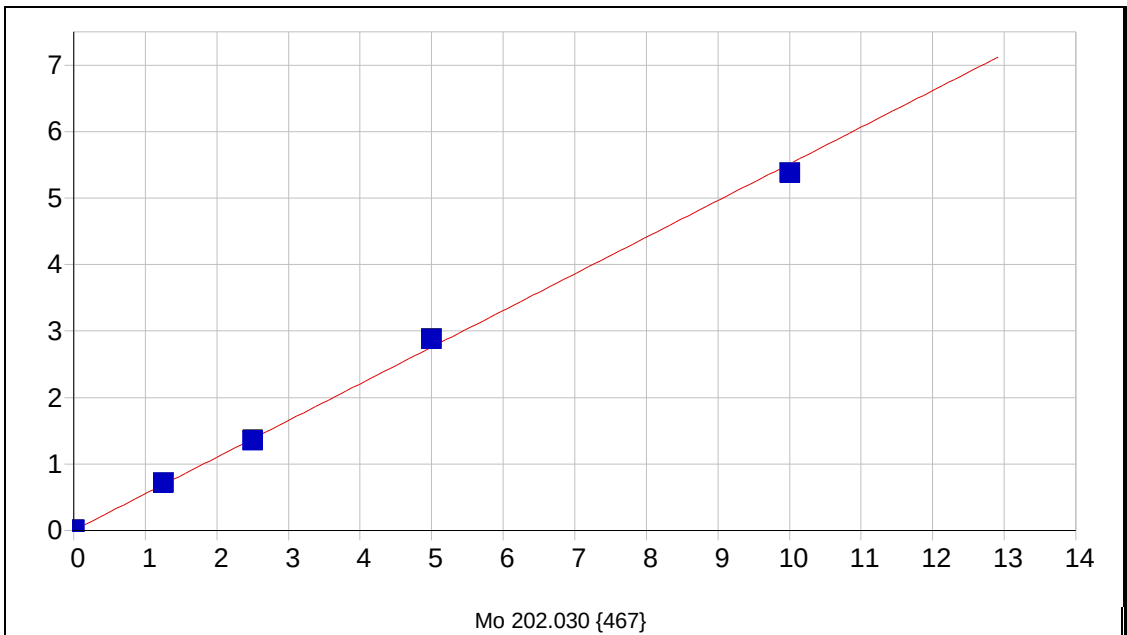
Status: OK.

Std Error of Est: 0.000456

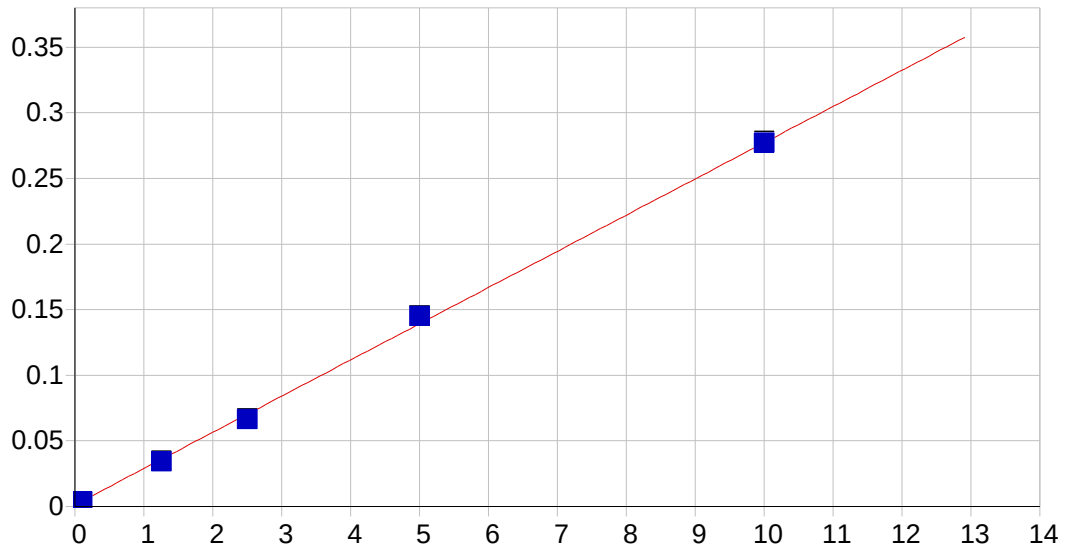
Predicted MDL: 0.000865

Predicted MQL: 0.002883

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00414	.001	1
S1	.01000	.00914	-.001	-8.58	.00915	.000	1
S2	1.2500	1.3598	.110	8.79	.71000	.004	1
S3	2.5000	2.5703	.070	2.81	1.3322	.003	1
S4	5.0000	5.2585	.259	5.17	2.7263	.006	1
S5	10.000	9.5622	-.438	-4.38	4.9140	.049	1



Date of Fit:		3/9/2018 13:55:36		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		0.000248		Re-Slope:		1.000000		
A1 (Gain):		0.551369		Y-int:		0.000000		
A2 (Curvature):		0.000000						
n (Exponent):		1.000000						
Correlation:		0.999495		Status:		OK.		
Std Error of Est:		0.000294						
Predicted MDL:		0.000246						
Predicted MQL:		0.000820						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis	
S0	.00000	.00000	.000	.000	.00025	.000	1	
S1	.01000	.00999	.000	-.113	.00575	.000	1	
S2	1.2500	1.3012	.051	4.09	.71764	.003	1	
S3	2.5000	2.4585	-.041	-1.66	1.3558	.003	1	
S4	5.0000	5.2289	.229	4.58	2.8832	.005	1	
S5	10.000	9.7614	-.239	-2.39	5.3821	.001	1	



S 182.034 {485}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001319

Re-Slope: 1.000000

A1 (Gain): 0.027590

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999442

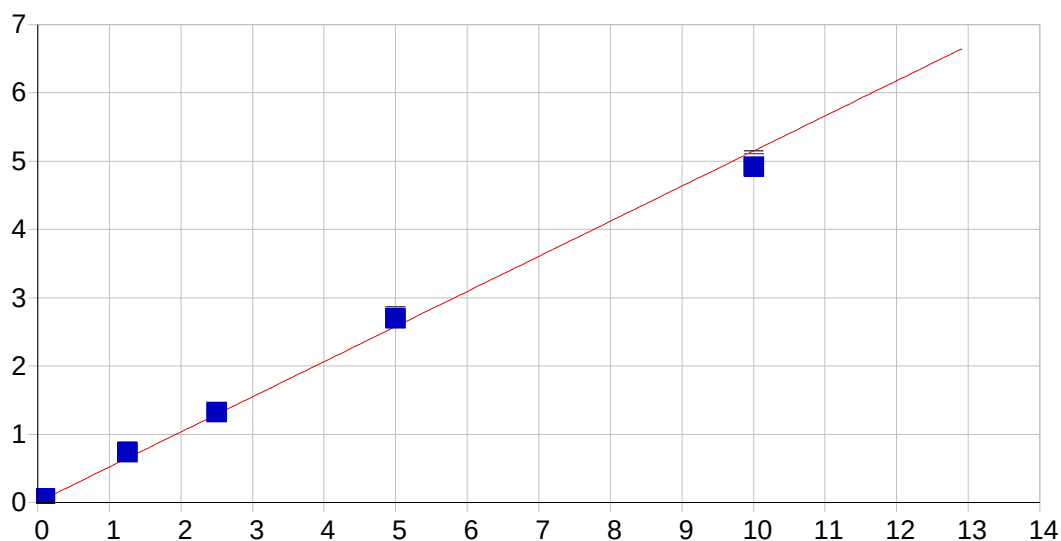
Status: OK.

Std Error of Est: 0.000049

Predicted MDL: 0.003011

Predicted MQL: 0.010035

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00132	.000	1
S1	.10000	.08412	-.016	-15.9	.00364	.000	1
S2	1.2500	1.1989	-.051	-4.09	.03441	.000	1
S3	2.5000	2.3631	-.137	-5.48	.06654	.000	1
S4	5.0000	5.2112	.211	4.22	.14515	.000	1
S5	10.000	9.9927	-.007	-.073	.27712	.001	1



Si 251.611 {134}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004705

Re-Slope: 1.000000

A1 (Gain): 0.514514

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998576

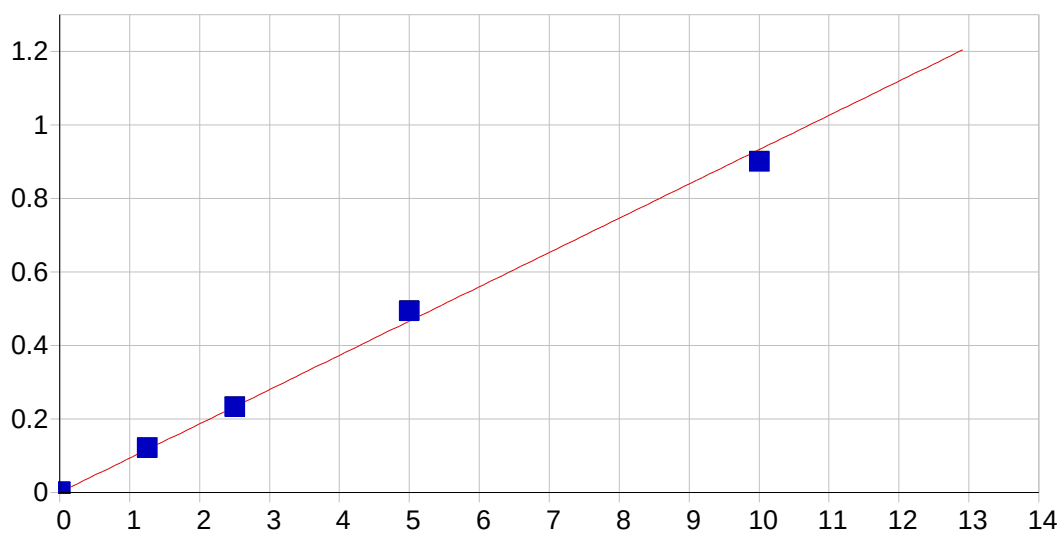
Status: OK.

Std Error of Est: 0.001473

Predicted MDL: 0.000956

Predicted MQL: 0.003188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00470	.000	1
S1	.10000	.09825	-.002	-1.75	.05543	.001	1
S2	1.2500	1.4173	.167	13.4	.73922	.002	1
S3	2.5000	2.5555	.056	2.22	1.3301	.008	1
S4	5.0000	5.2304	.230	4.61	2.7169	.004	1
S5	10.000	9.5485	-.452	-4.52	4.9597	.046	1



Sn 189.989 {478}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000157

Re-Slope: 1.000000

A1 (Gain): 0.093259

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999167

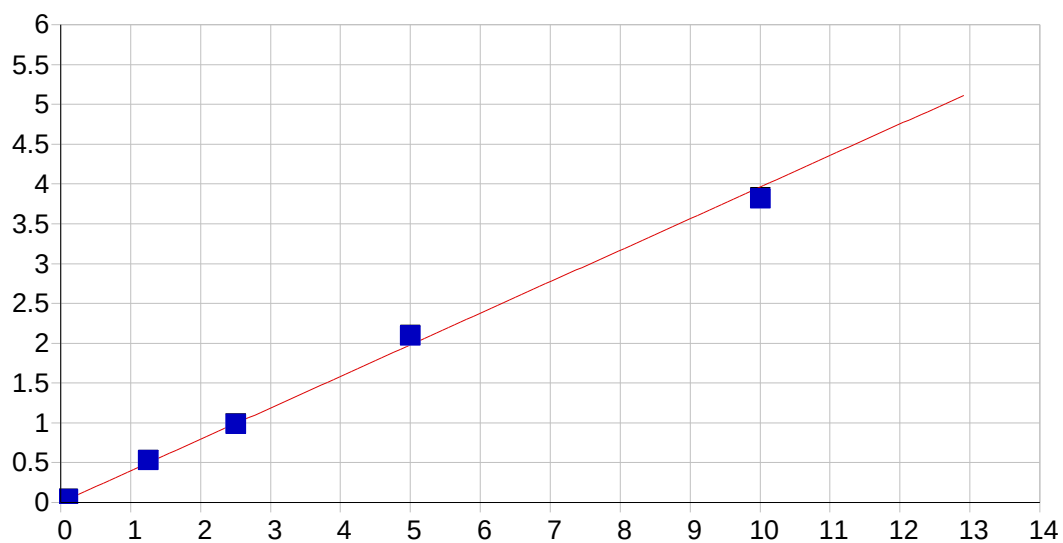
Status: OK.

Std Error of Est: 0.000053

Predicted MDL: 0.000824

Predicted MQL: 0.002747

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00700	.00705	.000	.681	.00079	.000	1
S2	1.2500	1.3022	.052	4.18	.12134	.001	1
S3	2.5000	2.4987	-.001	-.054	.23267	.001	1
S4	5.0000	5.2928	.293	5.86	.49273	.000	1
S5	10.000	9.6563	-.344	-3.44	.89864	.001	1



Ti 336.121 {100}

Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000630

Re-Slope: 1.000000

A1 (Gain): 0.395941

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999092

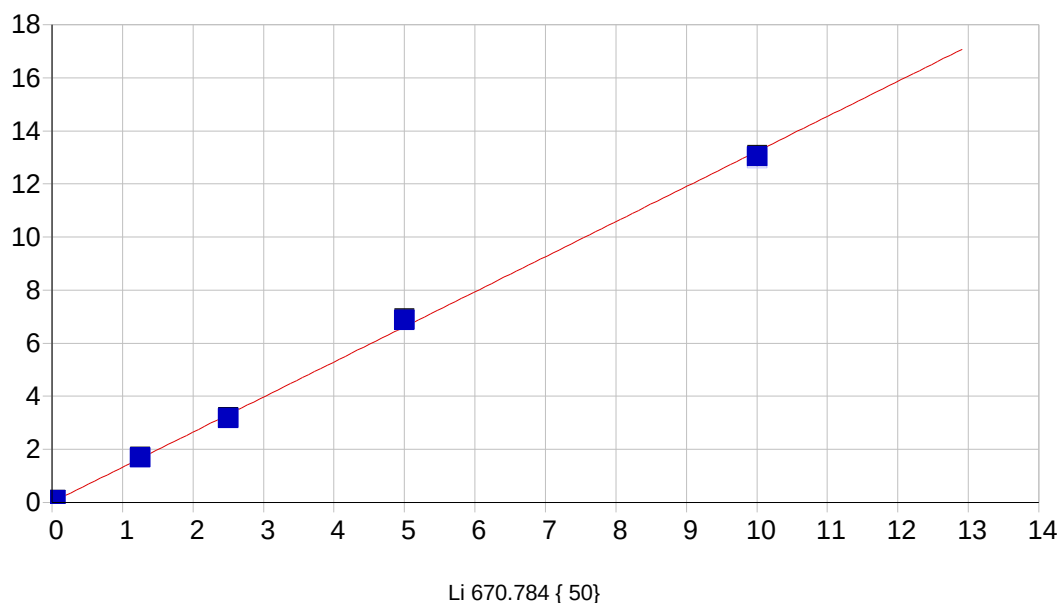
Status: OK.

Std Error of Est: 0.000897

Predicted MDL: 0.001217

Predicted MQL: 0.004056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00063	.000	1
S1	.10000	.09869	-.001	-1.31	.03969	.000	1
S2	1.2500	1.3306	.081	6.45	.52730	.002	1
S3	2.5000	2.4931	-.007	-.276	.98739	.003	1
S4	5.0000	5.2850	.285	5.70	2.0924	.008	1
S5	10.000	9.6426	-.357	-3.57	3.8170	.011	1



Date of Fit: 3/9/2018 13:55:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.009452

Re-Slope: 1.000000

A1 (Gain): 1.321380

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999609

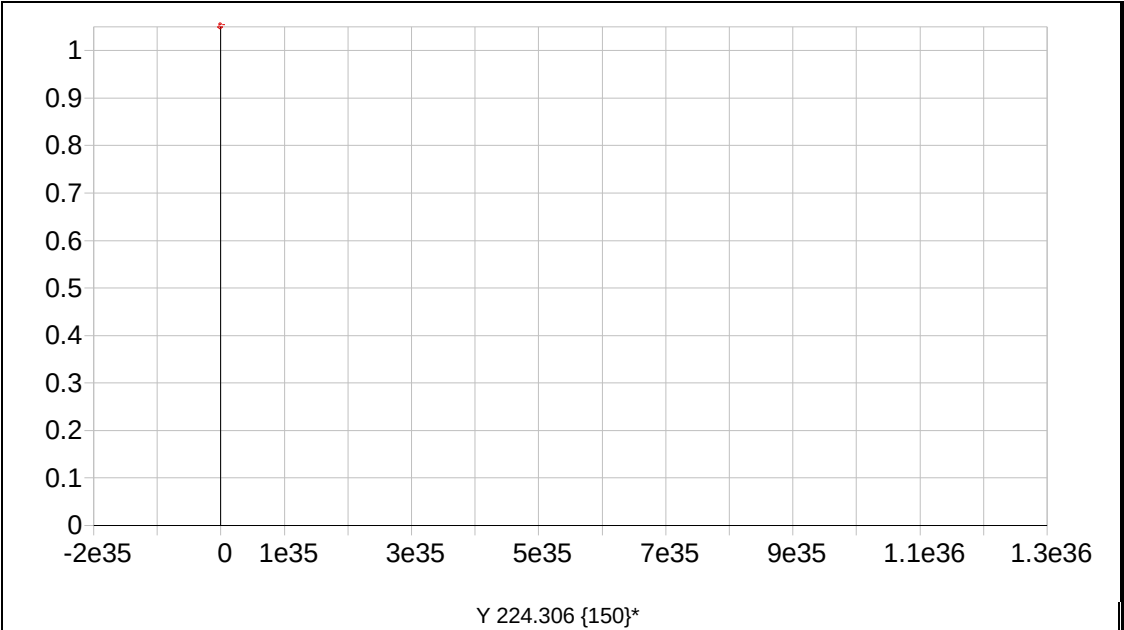
Status: OK.

Std Error of Est: 0.001380

Predicted MDL: 0.001268

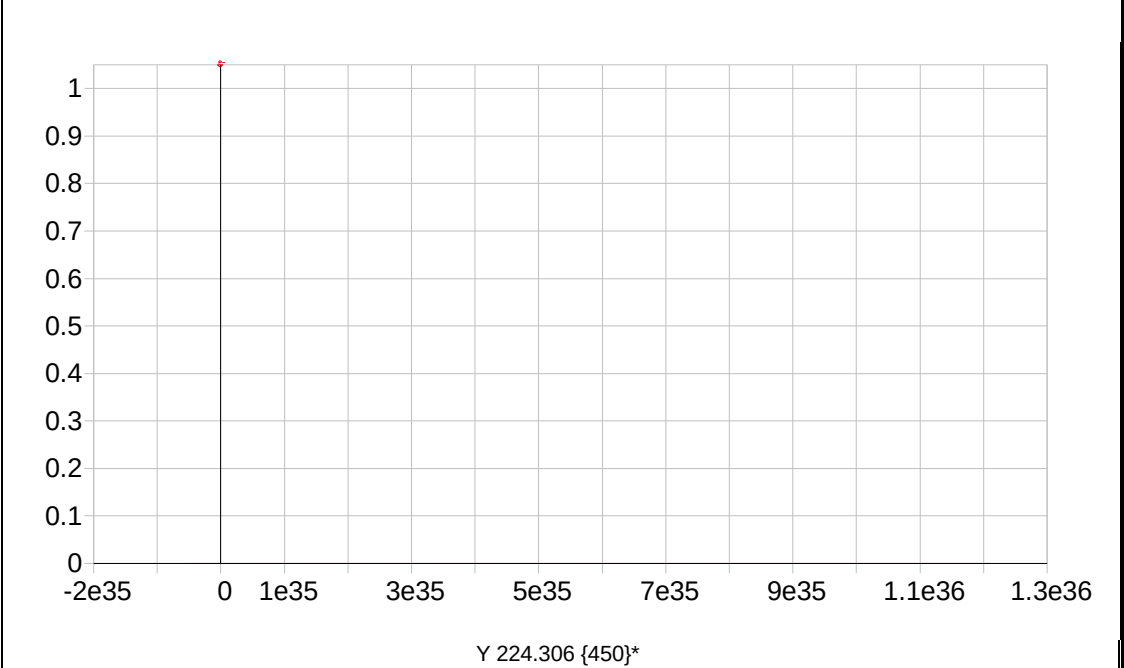
Predicted MQL: 0.004228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00945	.001	1
S5	10.000	9.8598	-.140	-1.40	12.964	.037	1
S4	5.0000	5.2066	.207	4.13	6.8522	.028	1
S3	2.5000	2.4069	-.093	-3.72	3.1714	.010	1
S2	1.2500	1.2771	.027	2.16	1.6876	.013	1
S1	.05000	.04962	.000	-.767	.07488	.001	1

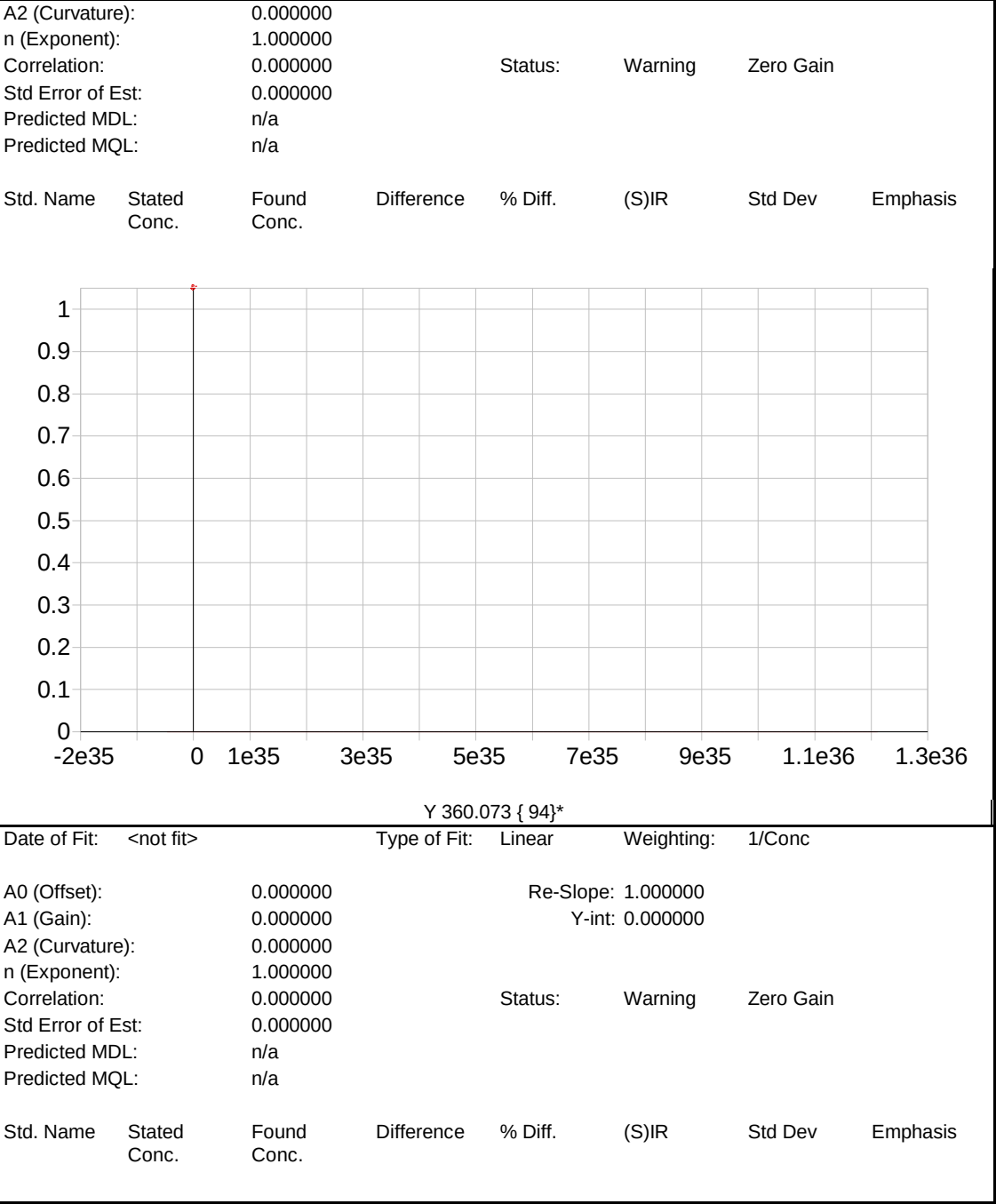


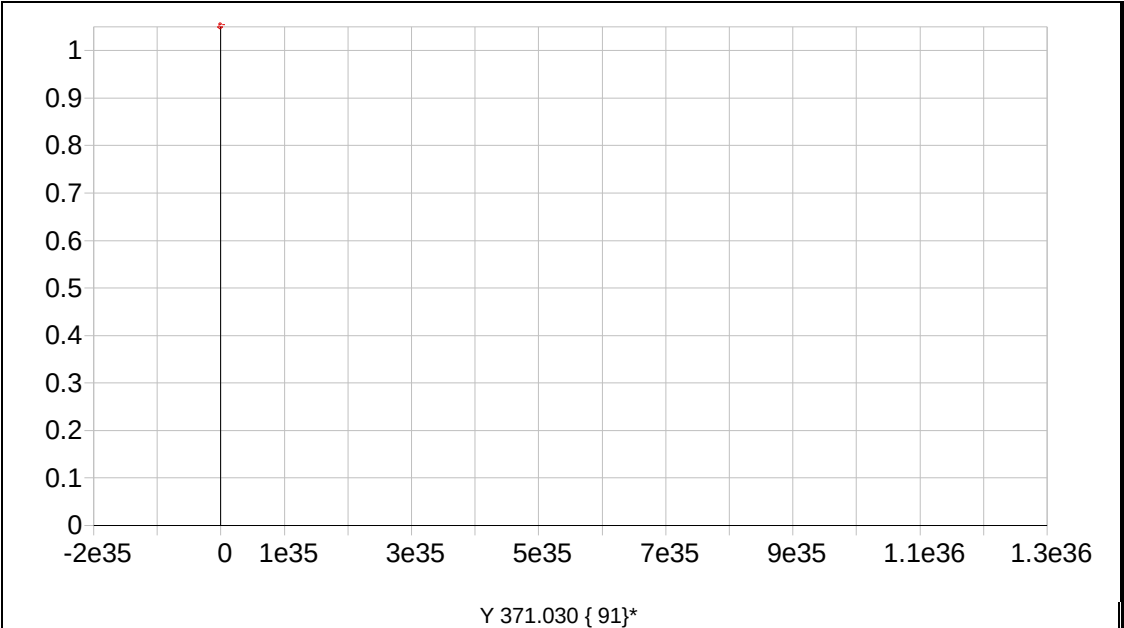
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



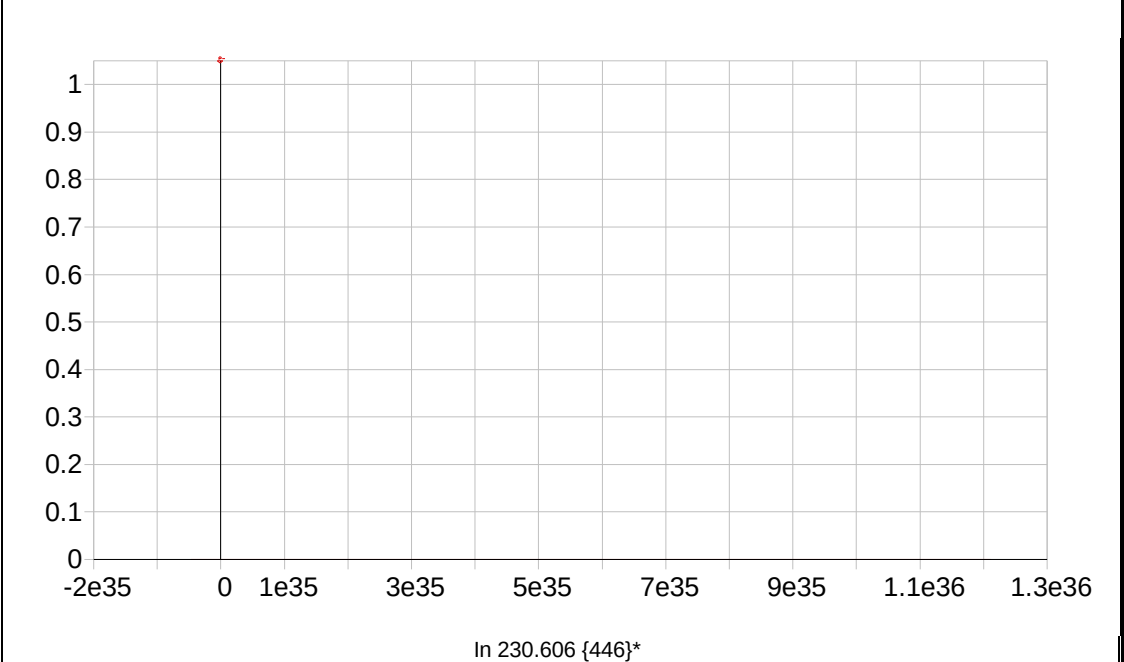
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



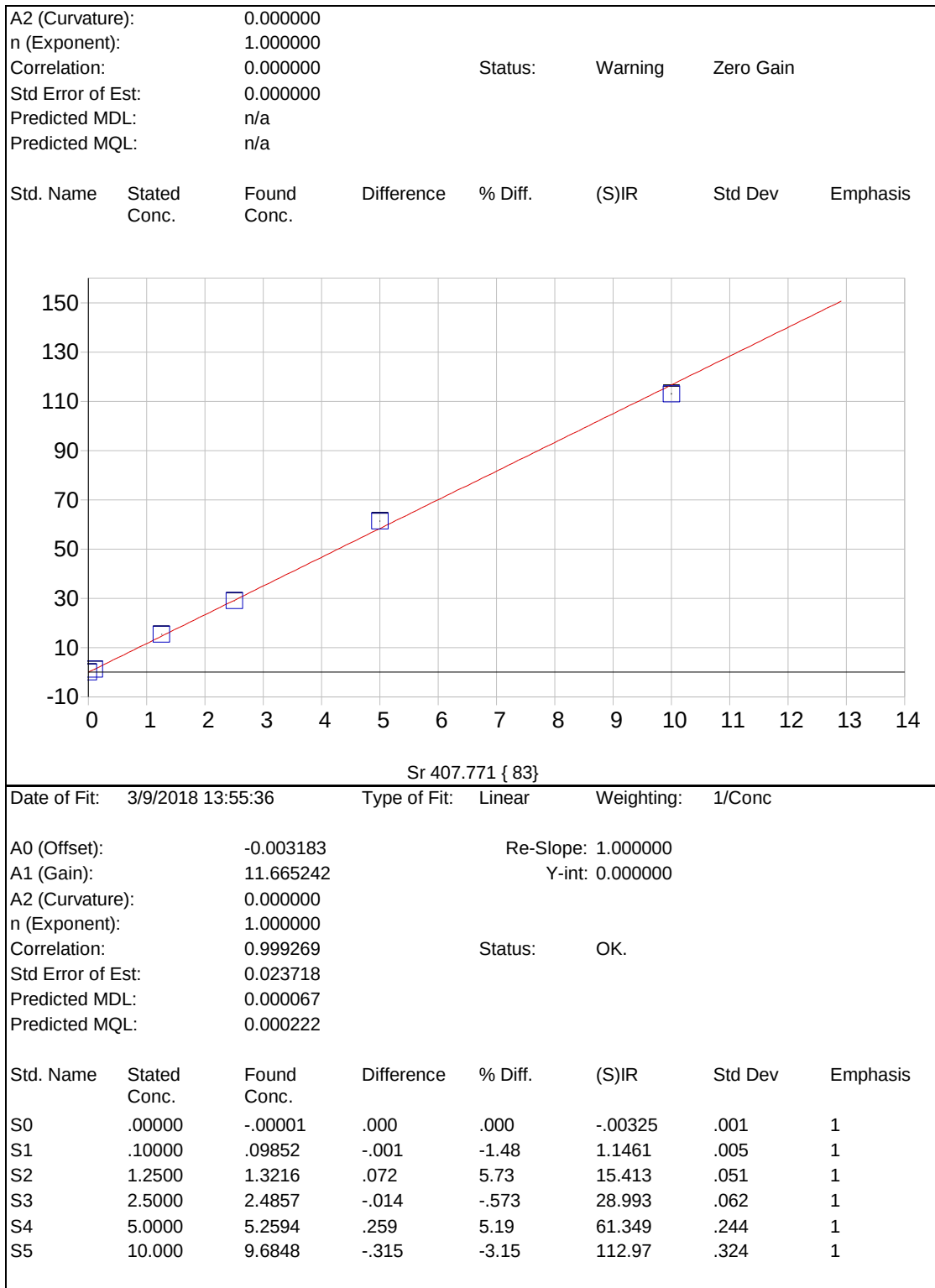


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



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



Sample Name: S0 Acquired: 3/9/2018 12:55:23 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00009	-.00016	.00003	.00014	.00053	-.00043	-.00250	-.00246
Stddev	.00009	.00002	.00020	.00017	.00023	.00053	.00049	.00011
%RSD	94.462	11.113	671.98	118.06	43.423	123.51	19.584	4.4683

#1	-.00013	-.00014	-.00009	.00002	.00075	-.00065	-.00234	-.00235
#2	-.00015	-.00017	.00027	.00007	.00030	.00018	-.00211	-.00257
#3	.00001	-.00017	-.00008	.00034	.00053	-.00083	-.00305	-.00246

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	.00162	-.00006	-.00020	.00075	.00001	.00015	-.00052
Stddev	.00010	.00075	.00002	.00007	.00033	.00011	.00012	.00019
%RSD	64.414	46.288	27.781	32.783	43.534	1027.7	76.619	36.698

#1	-.00013	.00089	-.00008	-.00018	.00056	-.00005	.00026	-.00041
#2	-.00026	.00239	-.00005	-.00015	.00057	.00014	.00017	-.00074
#3	-.00007	.00158	-.00006	-.00028	.00113	-.00005	.00003	-.00041

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	-.00121	-.00037	-.00816	-.00008	-.00038	.08746	-.00080	.00414
Stddev	.00008	.00003	.00069	.00035	.00024	.00047	.00002	.00064
%RSD	6.9957	8.5696	8.4697	455.17	63.320	.53390	1.9961	15.446

#1	-.00112	-.00035	-.00848	.00029	-.00051	.08770	-.00079	.00480
#2	-.00121	-.00041	-.00736	-.00011	-.00052	.08692	-.00080	.00411
#3	-.00129	-.00036	-.00863	-.00041	-.00010	.08776	-.00082	.00352

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	.00025	.00132	.00470	.00016	.00063	.00945	-.00325	
Stddev	.00009	.00008	.00039	.00007	.00032	.00121	.00061	
%RSD	34.806	5.8121	8.3765	46.058	51.033	12.767	18.873	

#1	.00015	.00141	.00466	.00008	.00041	.01082	-.00267	
#2	.00031	.00126	.00433	.00023	.00047	.00899	-.00389	
#3	.00029	.00129	.00511	.00016	.00099	.00854	-.00318	

Sample Name: S0 Acquired: 3/9/2018 12:55:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.8	4538.9	45464.	6723.9	5357.3
Stddev	8.1	20.9	60.	8.1	26.5
%RSD	.41290	.46077	.13146	.12072	.49383
#1	1949.5	4517.5	45437.	6727.3	5328.3
#2	1964.3	4559.2	45423.	6729.8	5380.2
#3	1962.6	4540.1	45533.	6714.7	5363.4

Sample Name: S1 Acquired: 3/9/2018 12:59:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00037	.00152	.00177	.00210	.00779	.01565	.73239	.02712
Stddev	.00005	.00002	.00014	.00008	.00012	.00004	.00350	.00028
%RSD	14.685	1.2313	7.6957	3.8786	1.4787	.28754	.47783	1.0403

#1	.00037	.00152	.00176	.00201	.00783	.01565	.73090	.02711
#2	.00032	.00154	.00163	.00216	.00766	.01569	.72987	.02685
#3	.00043	.00150	.00191	.00213	.00788	.01560	.73638	.02741

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	.01404	.33653	.00151	.04190	.00487	.00244	.00836	.04341
Stddev	.00016	.00100	.00001	.00054	.00037	.00017	.00027	.00042
%RSD	1.1432	.29788	.77072	1.2778	7.5862	6.9044	3.1931	.96731

#1	.01422	.33549	.00150	.04151	.00456	.00264	.00863	.04301
#2	.01393	.33659	.00152	.04168	.00528	.00233	.00837	.04338
#3	.01396	.33750	.00151	.04251	.00477	.00237	.00809	.04385

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	.01863	.00374	.02496	.00445	.00788	.21652	-.00032	.00915
Stddev	.00020	.00005	.00081	.00028	.00054	.00170	.00003	.00018
%RSD	1.0830	1.4190	3.2391	6.2194	6.8574	.78362	8.6475	1.9835

#1	.01840	.00376	.02578	.00476	.00828	.21461	-.00032	.00928
#2	.01874	.00368	.02417	.00423	.00727	.21709	-.00035	.00922
#3	.01876	.00379	.02492	.00437	.00809	.21786	-.00029	.00894

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	.00575	.00364	.05543	.00079	.03969	.07488	1.1461	
Stddev	.00011	.00004	.00057	.00004	.00020	.00075	.0054	
%RSD	1.9199	1.1497	1.0245	5.5020	.49372	1.0069	.46939	

#1	.00563	.00365	.05480	.00077	.03951	.07560	1.1411	
#2	.00581	.00359	.05562	.00084	.03966	.07410	1.1453	
#3	.00583	.00367	.05589	.00076	.03990	.07494	1.1518	

Sample Name: S1 Acquired: 3/9/2018 12:59:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.0	4383.7	44373.	6582.0	5108.0
Stddev	12.8	26.9	167.	19.2	35.9
%RSD	.67070	.61451	.37639	.29161	.70221
#1	1898.7	4401.2	44182.	6601.1	5131.7
#2	1913.0	4397.3	44490.	6562.7	5125.5
#3	1924.3	4352.7	44447.	6582.0	5066.7

Sample Name: S2 Acquired: 3/9/2018 13:03:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04988	.08981	1.3042	.06878	.16975	3.0452	9.5640	.71695
Stddev	.00013	.00098	.0049	.00047	.00039	.0017	.0461	.00346
%RSD	.25169	1.0952	.37373	.69025	.22909	.05579	.48195	.48305

#1	.05003	.09010	1.3033	.06861	.16983	3.0471	9.5873	.71375
#2	.04983	.08872	1.2998	.06841	.16932	3.0437	9.5937	.71648
#3	.04979	.09062	1.3094	.06931	.17009	3.0448	9.5109	.72063

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	1.8925	4.2359	.60818	.57499	.69518	.89186	2.0534	.55252
Stddev	.0076	.0120	.00162	.00139	.00175	.00071	.0055	.00111
%RSD	.40277	.28349	.26643	.24199	.25220	.07970	.26658	.20058

#1	1.8933	4.2309	.60727	.57516	.69720	.89120	2.0472	.55138
#2	1.8845	4.2495	.61005	.57352	.69406	.89178	2.0575	.55360
#3	1.8997	4.2271	.60722	.57629	.69429	.89261	2.0554	.55258

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	.32750	.13056	.24418	.05641	.52590	1.0797	.04586	.71000
Stddev	.00088	.00018	.00029	.00022	.00681	.0039	.00025	.00359
%RSD	.26909	.13834	.12055	.39286	1.2954	.35859	.54645	.50595

#1	.32736	.13036	.24384	.05617	.53308	1.0754	.04593	.70689
#2	.32670	.13070	.24429	.05644	.52509	1.0807	.04558	.70918
#3	.32844	.13062	.24440	.05661	.51953	1.0829	.04607	.71393

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	.71764	.03441	.73922	.12134	.52730	1.6876	15.413	
Stddev	.00329	.00033	.00246	.00083	.00155	.0130	.051	
%RSD	.45829	.94725	.33238	.68257	.29350	.77102	.33140	

#1	.71573	.03448	.73654	.12115	.52678	1.6903	15.407	
#2	.71575	.03405	.73973	.12063	.52904	1.6991	15.467	
#3	.72143	.03470	.74138	.12225	.52607	1.6735	15.366	

Sample Name: S2 Acquired: 3/9/2018 13:03:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.1	4143.5	42974.	6573.3	4515.3
Stddev	5.6	12.3	76.	24.8	13.6
%RSD	.31005	.29602	.17642	.37683	.30133
#1	1814.8	4153.5	42992.	6599.8	4519.0
#2	1819.4	4147.2	42890.	6550.7	4526.7
#3	1826.1	4129.8	43039.	6569.4	4500.3

Sample Name: S3 Acquired: 3/9/2018 13:07:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09606	.16941	2.4721	.13231	.32145	5.6752	17.866	1.3321
Stddev	.00016	.00119	.0100	.00036	.00050	.0375	.064	.0066
%RSD	.17071	.70331	.40419	.26836	.15432	.66054	.35753	.49657

#1	.09617	.17079	2.4713	.13271	.32123	5.6380	17.816	1.3347
#2	.09587	.16877	2.4625	.13202	.32110	5.6745	17.844	1.3246
#3	.09614	.16868	2.4825	.13221	.32202	5.7130	17.938	1.3370

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5900	7.7440	1.1257	1.0902	1.2933	1.6329	3.7567	1.0265
Stddev	.0152	.0466	.0022	.0046	.0025	.0100	.0277	.0064
%RSD	.42415	.60217	.19348	.42401	.19529	.61043	.73741	.62355

#1	3.5905	7.7120	1.1232	1.0903	1.2906	1.6238	3.7374	1.0213
#2	3.5745	7.7225	1.1270	1.0856	1.2938	1.6312	3.7443	1.0245
#3	3.6050	7.7975	1.1268	1.0948	1.2955	1.6436	3.7885	1.0336

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	.61756	.25465	.45628	.10339	.99396	1.9438	.09050	1.3322
Stddev	.00233	.00172	.00165	.00030	.01234	.0021	.00051	.0030
%RSD	.37669	.67504	.36093	.28593	1.2412	.10585	.56688	.22274

#1	.61633	.25559	.45478	.10308	1.0009	1.9452	.09105	1.3295
#2	.61610	.25267	.45602	.10344	.97972	1.9415	.09043	1.3319
#3	.62024	.25570	.45804	.10367	1.0012	1.9448	.09004	1.3354

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	1.3558	.06654	1.3301	.23267	.98739	3.1714	28.993	
Stddev	.0026	.00027	.0076	.00063	.00276	.0104	.062	
%RSD	.19044	.41032	.57152	.27263	.27961	.32820	.21306	

#1	1.3552	.06631	1.3295	.23287	.98938	3.1663	28.947	
#2	1.3535	.06647	1.3228	.23196	.98423	3.1644	28.968	
#3	1.3586	.06684	1.3380	.23318	.98855	3.1833	29.063	

Sample Name: S3 Acquired: 3/9/2018 13:07:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.2	4123.4	43683.	6740.4	4412.1
Stddev	20.2	9.3	179.	7.6	12.9
%RSD	1.1136	.22491	.41045	.11211	.29310
#1	1801.0	4128.5	43587.	6748.7	4414.7
#2	1833.4	4129.0	43890.	6738.6	4423.5
#3	1796.4	4112.7	43573.	6734.0	4398.1

Sample Name: S4 Acquired: 3/9/2018 13:11:25 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.21007	.35004	5.2850	.28663	.70124	12.062	37.816	2.7768
Stddev	.00017	.00039	.0079	.00069	.00075	.037	.061	.0065
%RSD	.08085	.11143	.14875	.23966	.10641	.30850	.16159	.23272

#1	.20995	.35034	5.2785	.28711	.70101	12.048	37.777	2.7821
#2	.21027	.35019	5.2829	.28693	.70207	12.104	37.887	2.7787
#3	.21000	.34960	5.2937	.28584	.70064	12.034	37.786	2.7696

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.5944	16.259	2.3522	2.3244	2.7355	3.3598	7.7456	2.1767
Stddev	.0044	.036	.0057	.0015	.0071	.0079	.0214	.0078
%RSD	.05750	.22005	.24147	.06463	.25929	.23448	.27577	.35761

#1	7.5910	16.241	2.3489	2.3237	2.7342	3.3537	7.7352	2.1712
#2	7.5930	16.300	2.3489	2.3234	2.7291	3.3687	7.7701	2.1856
#3	7.5994	16.235	2.3587	2.3262	2.7431	3.3570	7.7314	2.1734

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	1.3108	.52402	.96698	.21482	2.1786	4.0889	.19718	2.7263
Stddev	.0022	.00237	.00207	.00079	.0210	.0105	.00109	.0058
%RSD	.16956	.45165	.21420	.36777	.96216	.25758	.55102	.21415

#1	1.3104	.52550	.96654	.21439	2.2020	4.0838	.19829	2.7207
#2	1.3088	.52528	.96924	.21573	2.1724	4.0819	.19714	2.7260
#3	1.3132	.52129	.96517	.21434	2.1615	4.1010	.19612	2.7324

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.8832	.14515	2.7169	.49273	2.0924	6.8522	61.349	
Stddev	.0046	.00022	.0043	.00044	.0077	.0280	.244	
%RSD	.15784	.15125	.15803	.08914	.36711	.40893	.39743	

#1	2.8855	.14536	2.7179	.49297	2.0952	6.8377	61.074	
#2	2.8861	.14517	2.7122	.49222	2.0838	6.8345	61.432	
#3	2.8780	.14492	2.7206	.49300	2.0984	6.8845	61.540	

Sample Name: S4 Acquired: 3/9/2018 13:11:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1621.8	3687.2	40303.	6342.7	3904.2
Stddev	15.2	3.2	183.	17.9	1.5
%RSD	.93643	.08739	.45450	.28179	.03911
#1	1612.8	3687.8	40168.	6357.4	3905.0
#2	1613.2	3683.8	40230.	6347.8	3905.3
#3	1639.3	3690.2	40512.	6322.8	3902.5

Sample Name: S5 Acquired: 3/9/2018 13:15:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.40604	.63520	9.8855	.54862	1.3544	22.524	69.727	5.1575
Stddev	.00133	.00242	.0161	.00086	.0007	.042	.799	.0455
%RSD	.32862	.38173	.16311	.15651	.05454	.18465	1.1454	.88173

#1	.40495	.63242	9.9010	.54771	1.3540	22.476	68.809	5.1073
#2	.40564	.63687	9.8689	.54941	1.3539	22.544	70.109	5.1960
#3	.40753	.63632	9.8868	.54873	1.3552	22.551	70.263	5.1690

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	13.879	29.616	4.1989	4.2829	5.0892	6.0758	14.076	4.0716
Stddev	.029	.047	.0045	.0072	.0267	.0138	.025	.0099
%RSD	.20946	.16002	.10786	.16802	.52572	.22775	.17558	.24425

#1	13.903	29.639	4.2032	4.2893	5.0585	6.0613	14.054	4.0608
#2	13.846	29.561	4.1995	4.2751	5.1015	6.0888	14.103	4.0804
#3	13.888	29.647	4.1942	4.2843	5.1077	6.0774	14.071	4.0737

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4453	1.0125	1.8041	.39327	3.8875	7.6575	.37796	4.9140
Stddev	.0046	.0010	.0032	.00053	.0388	.0472	.00162	.0491
%RSD	.19019	.09735	.17543	.13573	.99814	.61628	.42983	.99824

#1	2.4499	1.0114	1.8045	.39329	3.9300	7.6044	.37611	4.8636
#2	2.4406	1.0127	1.8008	.39379	3.8540	7.6735	.37862	4.9615
#3	2.4453	1.0133	1.8071	.39273	3.8786	7.6946	.37916	4.9168

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	5.3821	.27712	4.9597	.89864	3.8170	12.964	112.97	
Stddev	.0010	.00123	.0457	.00149	.0113	.037	.32	
%RSD	.01812	.44505	.92042	.16546	.29642	.28785	.28656	

#1	5.3813	.27569	4.9118	.89999	3.8048	12.964	112.87	
#2	5.3820	.27776	5.0026	.89705	3.8192	12.926	112.71	
#3	5.3832	.27790	4.9647	.89887	3.8271	13.001	113.34	

Sample Name: S5 Acquired: 3/9/2018 13:15:20 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.0	3459.3	39779.	6315.6	3676.4
Stddev	7.6	3.1	191.	46.2	7.3
%RSD	.49656	.08910	.48133	.73151	.19975
#1	1515.1	3455.9	39704.	6368.9	3668.5
#2	1530.1	3461.9	39997.	6288.1	3683.1
#3	1520.9	3460.1	39636.	6289.6	3677.5

Sample Name: S6 Acquired: 3/9/2018 13:19:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	60.503	48.954	16.475	6.6681	5.1733
Stddev	.939	.680	.232	.0996	.0739
%RSD	1.5516	1.3892	1.4053	1.4931	1.4287

#1	59.627	48.499	16.373	6.6158	5.1244
#2	60.387	48.626	16.313	6.6057	5.1372
#3	61.494	49.736	16.740	6.7829	5.2583

Int. Std.	Y_3710
Units	Cts/S
Avg	6144.4
Stddev	100.0
%RSD	1.6275

#1	6220.4
#2	6181.7
#3	6031.1

Sample Name: ICV Acquired: 3/9/2018 13:23:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) 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	.9437288	1.060024	.9730946	.9682690	.8993643	2.395807
Stddev	.0112355	.015306	.0087568	.0080976	.0032134	.006407
%RSD	1.190547	1.443966	.8998944	.8362951	.3572941	.2674397

#1	.9316661	1.042451	.9630983	.9599324	.8959820	2.402526
#2	.9456244	1.067176	.9767748	.9687705	.9023768	2.389766
#3	.9538960	1.070445	.9794108	.9761043	.8997341	2.395128

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5004418	.4939724	.4959779	10.56135	.5336329	.4963975
Stddev	.0001766	.0025718	.0048054	.02500	.0021554	.0043559
%RSD	.0352785	.5206355	.9688768	.2366993	.4039099	.8775036

#1	.5006054	.4968070	.4904376	10.55840	.5353442	.4913829
#2	.5004653	.4933219	.4990138	10.58769	.5312122	.4985663
#3	.5002546	.4917883	.4984824	10.53795	.5343422	.4992433

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5165336	5.466210	.5281632	5.876541	.5056205	.4600772
Stddev	.0014506	.002680	.0024469	.018536	.0031445	.0028859
%RSD	.2808256	.0490316	.4632919	.3154269	.6219143	.6272547

#1	.5182081	5.468078	.5293627	5.896640	.5020092	.4595117
#2	.5157300	5.463139	.5253479	5.860119	.5070988	.4632040
#3	.5156626	5.467412	.5297788	5.872864	.5077534	.4575160

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02848	.5082788	.9584166	9.567127	F .0133798	5.365846
Stddev	.06892	.0087367	.0171305	.112858	.0007714	.025369
%RSD	.6872841	1.718887	1.787373	1.179646	5.765671	.4727922

#1	10.04987	.4982616	.9445994	9.565559	.0142704	5.388018
#2	9.95139	.5122512	.9775836	9.455062	.0129480	5.338180
#3	10.08417	.5143234	.9530669	9.680762	.0129209	5.371340

Sample Name: ICV Acquired: 3/9/2018 13:23:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) 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	5.095140	.0079250	4.854476	4.973218	5.355228	.0078532
Stddev	.040305	.0017550	.010536	.058006	.002308	.0007463
%RSD	.7910453	22.14510	.2170296	1.166366	.0431040	9.503436

#1	5.050030	.0089231	4.866223	4.908340	5.355465	.0084564
#2	5.107782	.0089533	4.845863	4.991239	5.352810	.0080846
#3	5.127609	.0058986	4.851341	5.020074	5.357408	.0070186

Elem	Sr4077
Units	ppm
Avg	.0121211
Stddev	.0001200
%RSD	.9903249

#1	.0122545
#2	.0120867
#3	.0120220

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.497	4372.803	46507.18	6827.660	5008.934
Stddev	18.337	21.297	226.96	45.337	32.303
%RSD	.9171023	.4870317	.4880107	.6640260	.6449152

#1	2008.358	4396.905	46482.01	6789.115	5045.947
#2	1978.411	4364.982	46293.86	6877.612	4994.436
#3	2011.721	4356.523	46745.68	6816.254	4986.421

Sample Name: ICB Acquired: 3/9/2018 13:27:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000407	-.000332	-.000066	.0020741	-.000622	.0045659	-.001059
Stddev	.001395	.000208	.000511	.0017248	.000412	.0058059	.000517
%RSD	343.2154	62.63921	772.0193	83.15959	66.27521	127.1578	48.83879

#1	-.001536	-.000095	.000167	.0026410	-.000160	-.000710	-.000850
#2	.001153	-.000417	-.000652	.0001372	-.000753	.003622	-.000679
#3	-.000837	-.000485	.000286	.0034442	-.000952	.010786	-.001648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000279	-.000007	.0071454	.0002662	-.000004	.0007139	-.003904
Stddev	.0000533	.000052	.0076493	.0002683	.000080	.0023667	.006601
%RSD	190.9331	735.0536	107.0528	100.7887	2198.364	331.5238	169.0826

#1	.0000424	.000019	.0075741	.0005720	-.000094	.0034464	-.007111
#2	-.000031	.000026	-.000709	.0000699	.000026	-.000685	.003688
#3	.000073	-.000067	.014571	.0001569	.000057	-.000620	-.008289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000423	.0372581	.0001899	.0002434	-.201052	-.000166	.0025007
Stddev	.000113	.0158330	.0001908	.0000921	.134079	.001346	.0021257
%RSD	26.83640	42.49546	100.4615	37.85759	66.68850	810.6020	85.00519

#1	-.000497	.0189844	.0000598	.0003287	-.224151	-.001366	.0016194
#2	-.000292	.0459088	.0004090	.0001457	-.322080	.001290	.0049254
#3	-.000479	.0468812	.0001011	.0002557	-.056925	-.000422	.0009574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.113043	-.002016	.0033470	.0000383	-.000991	.0019125	-.000230
Stddev	.036938	.000813	.0005941	.0000651	.003487	.0006258	.000091
%RSD	32.67572	40.32022	17.74996	169.7502	351.7004	32.71849	39.36640

#1	-.142297	-.001375	.0026759	-.000015	-.004963	.0013072	-.000322
#2	-.125297	-.002930	.0038056	.000019	.001566	.0025568	-.000140
#3	-.071536	-.001743	.0035595	.000111	.000423	.0018735	-.000228

Sample Name: ICB Acquired: 3/9/2018 13:27:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000495	.0026639	-.000047
Stddev	.000685	.0010467	.000029
%RSD	138.4630	39.29073	61.39399

#1	-.000490	.0038656	-.000025
#2	-.001183	.0019519	-.000036
#3	.000188	.0021742	-.000079

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.862	4459.066	47767.62	6966.453	5277.756
Stddev	7.986	15.348	182.85	20.274	11.116
%RSD	.3886277	.3442069	.3827916	.2910163	.2106158

#1	2050.166	4452.053	47800.41	6952.622	5275.885
#2	2050.337	4476.668	47570.60	6957.012	5289.688
#3	2064.083	4448.476	47931.86	6989.725	5267.694

Sample Name: IC5A Acquired: 3/9/2018 13:40:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: IC5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060622	-.002141	-.007971	.0006090	.0058750	244.3124	.0041256
Stddev	.0043870	.001151	.003793	.0040655	.0021867	1.2879	.0005497
%RSD	72.36626	53.75724	47.58761	667.5655	37.22110	.5271497	13.32442

#1	.0084446	-.002954	-.006710	-.003914	.0072712	242.8459	.0042965
#2	.0009995	-.000824	-.004969	.001781	.0069989	244.8317	.0035108
#3	.0087426	-.002644	-.012235	.003960	.0033549	245.2596	.0045696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011996	-.001190	258.0891	.0548190	-.000318	-.002512	103.5134
Stddev	.0000837	.000019	1.0424	.0009360	.000280	.002149	.4589
%RSD	6.980829	1.621249	.4038938	1.707445	88.11489	85.56817	.4432899

#1	.0011223	-.001211	256.9063	.0556456	-.000162	-.004905	102.9837
#2	.0011880	-.001172	258.4870	.0550088	-.000641	-.001884	103.7679
#3	.0012886	-.001188	258.8739	.0538027	-.000150	-.000746	103.7886

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112426	256.8790	.0038111	.0011994	-.209612	.0004608	-.016440
Stddev	.0003105	1.1192	.0001518	.0001427	.148181	.0011593	.004168
%RSD	2.761692	.4357061	3.984088	11.89315	70.69291	251.5564	25.35055

#1	.0110338	255.6160	.0036733	.0011510	-.377115	-.000176	-.020799
#2	.0115994	257.2730	.0039739	.0010873	-.095617	-.000241	-.012495
#3	.0110947	257.7479	.0037862	.0013600	-.156104	.001799	-.016026

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.515468	-.005527	.0075267	.0012690	.0241839	-.005416	-.001660
Stddev	.041042	.001797	.0025829	.0005438	.0049798	.000708	.002160
%RSD	7.962147	32.51900	34.31671	42.85614	20.59158	13.07800	130.1105

#1	-.556970	-.006525	.0048381	.0018866	.0266559	-.004601	-.004131
#2	-.514533	-.003452	.0077530	.0008618	.0184517	-.005887	-.000713
#3	-.474902	-.006605	.0099890	.0010585	.0274441	-.005758	-.000136

Sample Name: ICSA Acquired: 3/9/2018 13:40:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000486	.0035888	.1076238
Stddev	.000722	.0009912	.0003019
%RSD	148.5621	27.61933	.2805641

#1	-.001314	.0031731	.1078787
#2	.000015	.0047201	.1077023
#3	-.000160	.0028731	.1072903

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.012	3935.676	43133.11	6554.391	4155.123
Stddev	22.122	1.585	314.92	25.411	4.783
%RSD	1.205542	.0402789	.7301167	.3876998	.1151110

#1	1849.169	3936.912	43457.04	6542.323	4149.851
#2	1846.347	3936.227	43114.23	6537.262	4156.334
#3	1809.520	3933.889	42828.05	6583.588	4159.184

Sample Name: ICSAB Acquired: 3/9/2018 13:44:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) 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	.0982098	.1064275	.0399024	.0476741	.5747494	235.1086
Stddev	.0024058	.0038155	.0018242	.0016495	.0082188	1.1045
%RSD	2.449692	3.585048	4.571661	3.459881	1.429974	.4697890

#1	.1009550	.1072343	.0419114	.0459486	.5738191	236.3840
#2	.0972059	.1022731	.0394463	.0492353	.5670353	234.4647
#3	.0964684	.1097751	.0383496	.0478384	.5833937	234.4772

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5058140	.4919626	1.016663	249.0457	.5935905	.5038421
Stddev	.0022781	.0047383	.006334	.9520	.0018637	.0034441
%RSD	.4503820	.9631339	.6230286	.3822780	.3139671	.6835728

#1	.5084353	.4878954	1.011869	250.1205	.5957335	.5028250
#2	.5043123	.4971655	1.014276	248.7083	.5926884	.5010211
#3	.5046945	.4908270	1.023844	248.3083	.5923494	.5076802

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5084368	100.1859	.5210803	248.0232	1.019057	.1876088
Stddev	.0053064	.3484	.0023541	.5917	.005384	.0006948
%RSD	1.043666	.3477533	.4517712	.2385571	.5283196	.3703426

#1	.5134148	100.5831	.5213644	248.6977	1.016217	.1872772
#2	.5028539	100.0426	.5232794	247.7799	1.015689	.1884073
#3	.5090419	99.9320	.5185970	247.5920	1.025267	.1871419

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.197404	.4999009	.9756488	-.960655	.0080475	F .0107809
Stddev	.176659	.0015827	.0049786	.046168	.0039333	.0026193
%RSD	89.49103	.3166013	.5102811	4.805849	48.87547	24.29598

#1	-.215646	.4994716	.9702255	-1.00216	.0050112	.0137950
#2	-.012332	.4985771	.9800119	-.96887	.0124908	.0090573
#3	-.364234	.5016539	.9767089	-.91093	.0066406	.0094902

Sample Name: ICSAB Acquired: 3/9/2018 13:44:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) 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	.0043945	.0233467	-.004246	-.002100	-.001614	.0037640
Stddev	.0002058	.0044138	.000915	.001226	.000851	.0005283
%RSD	4.682306	18.90534	21.55455	58.35636	52.73343	14.03530
#1	.0045696	.0250627	-.003585	-.002507	-.002576	.0035281
#2	.0044460	.0183327	-.003863	-.000723	-.001306	.0033947
#3	.0041679	.0266448	-.005291	-.003071	-.000959	.0043691

Elem	Sr4077
Units	ppm
Avg	.1036855
Stddev	.0003131
%RSD	.3019278
#1	.1039444
#2	.1037745
#3	.1033376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.074	3972.329	43684.04	6683.936	4213.318
Stddev	9.639	21.680	202.92	36.981	24.704
%RSD	.5184911	.5457633	.4645154	.5532875	.5863323
#1	1861.728	3981.646	43519.07	6696.668	4227.132
#2	1848.386	3987.792	43622.43	6642.271	4228.025
#3	1867.108	3947.548	43910.63	6712.870	4184.797

Sample Name: CCV026 Acquired: 3/9/2018 14:05:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.848050	4.707571	24.13632	4.947271	4.813941	366.6167	9.363344
Stddev	.038663	.025869	.14207	.028916	.042184	1.4523	.044930
%RSD	.7974872	.5495096	.5886110	.5844775	.8762865	.3961490	.4798500

#1	4.819762	4.684527	24.00559	4.930409	4.776293	365.6970	9.349024
#2	4.832283	4.702633	24.11587	4.930745	4.805998	365.8621	9.327319
#3	4.892104	4.735552	24.28751	4.980660	4.859532	368.2910	9.413688

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4538437	2.429491	368.1846	14.66971	2.433162	14.37853	372.4787
Stddev	.0015991	.010291	1.6444	.04678	.014591	.07348	1.6185
%RSD	.3523417	.4235718	.4466262	.3188761	.5996614	.5110330	.4345082

#1	.4532486	2.418946	367.2420	14.61668	2.419517	14.32304	371.3068
#2	.4526275	2.430022	367.2285	14.70511	2.431426	14.35069	371.8040
#3	.4556550	2.439506	370.0834	14.68735	2.448543	14.46186	374.3254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.66533	366.6326	2.433425	1.227333	367.6116	2.276276	13.89322
Stddev	.04835	1.5483	.011646	.007534	1.8385	.014334	.11249
%RSD	.3538159	.4223148	.4785805	.6138600	.5001244	.6297312	.8096896

#1	13.62904	365.1361	2.422089	1.226179	367.1551	2.280760	13.88296
#2	13.64673	366.5338	2.432828	1.220442	366.0443	2.260236	13.78621
#3	13.72022	368.2280	2.445358	1.235377	369.6353	2.287832	14.01049

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	144.8502	4.830363	4.518498	4.814179	5.046165	4.365694	4.879260
Stddev	.9700	.019918	.015404	.038702	.002839	.025548	.028798
%RSD	.6696337	.4123536	.3409156	.8039101	.0562530	.5852038	.5902161

#1	144.4829	4.817883	4.505358	4.788027	5.048373	4.350650	4.854946
#2	144.1176	4.819872	4.514686	4.795872	5.042963	4.351239	4.871771
#3	145.9502	4.853333	4.535450	4.858638	5.047159	4.395192	4.911062

Sample Name: CCV026 Acquired: 3/9/2018 14:05:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.877772	4.957641	4.924461
Stddev	.038494	.025314	.030775
%RSD	.7891810	.5106036	.6249328

#1	4.840821	4.935561	4.943135
#2	4.874853	4.952092	4.941306
#3	4.917643	4.985269	4.888941

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1688.181	3577.832	41634.36	6586.025	3727.221
Stddev	15.929	18.138	213.95	10.838	12.690
%RSD	.9435482	.5069533	.5138702	.1645547	.3404645

#1	1678.752	3590.173	41613.34	6594.639	3738.752
#2	1706.573	3586.316	41858.04	6589.579	3729.286
#3	1679.220	3557.006	41431.70	6573.857	3713.625

Sample Name: CCB026 Acquired: 3/9/2018 14:14:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) 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	.0001946	.0000406	.0001430	-.000241	-.001710	.0020859	-.001864
Stddev	.0013592	.0001376	.0005411	.002111	.000432	.0053793	.000430
%RSD	698.2834	339.0792	378.4093	874.8342	25.24186	257.8900	23.07436

#1	.0014931	-.000005	.0007276	-.000711	-.001322	.0036461	-.002143
#2	-.001218	-.000068	-.000340	-.002077	-.001633	.0065127	-.001368
#3	.000309	.000195	.000042	.002065	-.002176	-.003901	-.002079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000966	.0000069	.0072289	.0003554	-.000023	-.000760	.0028448
Stddev	.0000383	.0000225	.0024529	.0001183	.000015	.000525	.0065089
%RSD	39.62737	324.0643	33.93209	33.28183	66.47435	69.08794	228.8021

#1	.0000878	-.000013	.0060192	.0003277	-.000032	-.000746	.0032186
#2	.0000634	.000002	.0100517	.0004851	-.000032	-.001293	-.003843
#3	.0001385	.000032	.0056158	.0002535	-.000005	-.000242	.009159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000406	.0413289	.0003004	.0003337	-.274957	.0004033	.0011788
Stddev	.000327	.0255042	.0001828	.0001198	.077257	.0021041	.0019943
%RSD	80.43048	61.71045	60.83326	35.91660	28.09794	521.7232	169.1697

#1	-.000036	.0315586	.0002250	.0004607	-.343462	.0028226	.0009093
#2	-.000531	.0221543	.0005088	.0002226	-.191217	-.001000	-.000667
#3	-.000653	.0702738	.0001675	.0003176	-.290190	-.000613	.003294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.280270	-.001203	.0003698	.0003104	.0002881	-.003676	-.000141
Stddev	.047858	.001552	.0002331	.0000990	.0041435	.000807	.000438
%RSD	17.07586	128.9465	63.03345	31.90762	1438.362	21.96358	310.1892

#1	-.250376	-.002978	.0002897	.0004197	.0026224	-.004490	-.000469
#2	-.335468	-.000532	.0006324	.0002267	.0027377	-.003663	-.000311
#3	-.254964	-.000100	.0001873	.0002847	-.004496	-.002875	.000356

Sample Name: CCB026 Acquired: 3/9/2018 14:14:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) 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	-.000192	.0023196	-.000035
Stddev	.000777	.0007718	.000053
%RSD	404.6104	33.27381	150.8985

#1	.000629	.0015758	.000018
#2	-.000288	.0031167	-.000036
#3	-.000917	.0022663	-.000088

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.582	4418.403	49418.54	7151.472	5272.301
Stddev	5.100	49.356	41.74	41.151	55.441
%RSD	.2418693	1.117066	.0844645	.5754264	1.051545

#1	2111.661	4418.413	49432.21	7125.177	5281.468
#2	2102.695	4369.041	49371.67	7198.896	5212.849
#3	2111.390	4467.754	49451.72	7130.343	5322.587

Sample Name: PB107093BL Acquired: 3/9/2018 14:18:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001367	-.000173	-.001002	-.000294	-.001653	.0018550	-.001820
Stddev	.001979	.000616	.000826	.000968	.000173	.0016240	.000452
%RSD	144.7578	356.5225	82.38353	329.3180	10.43876	87.54954	24.84102

#1	-.002830	-.000527	-.001101	.000042	-.001794	.0004414	-.002308
#2	.000885	-.000530	-.000132	.000461	-.001704	.0014946	-.001415
#3	-.002156	.000538	-.001774	-.001385	-.001460	.0036290	-.001736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001029	-.000023	.0081955	-.000263	-.000061	.0001208	-.001625
Stddev	.0000495	.000017	.0105124	.000358	.000213	.0023937	.003144
%RSD	48.07969	72.07611	128.2711	135.8266	346.6600	1980.920	193.4525

#1	.0000675	-.000039	.0199931	-.000654	-.000306	-.002549	-.004706
#2	.0001594	-.000006	.0047713	.000048	.000085	.000835	.001578
#3	.0000817	-.000025	-.000178	-.000184	.000036	.002076	-.001747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000288	.0229627	.0003626	.0004865	-.209718	.0028308	-.001226
Stddev	.000624	.0174459	.0000790	.0002917	.106795	.0013400	.000123
%RSD	216.6689	75.97506	21.79123	59.97063	50.92312	47.33747	9.996272

#1	-.000330	.0110012	.0003297	.0004739	-.086414	.0041239	-.001294
#2	-.000890	.0149060	.0004528	.0002012	-.269891	.0029202	-.001300
#3	.000356	.0429810	.0003054	.0007843	-.272849	.0014483	-.001085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.192150	-.002003	-.000767	-.000066	.0018148	-.004577	.0006529
Stddev	.071210	.001155	.000313	.000234	.0017517	.000352	.0003284
%RSD	37.05973	57.66229	40.83947	354.8824	96.52302	7.692041	50.30637

#1	-.249496	-.000694	-.000505	.000101	.0009988	-.004304	.0003386
#2	-.112443	-.002880	-.000683	.000034	.0038256	-.004454	.0006261
#3	-.214511	-.002434	-.001114	-.000333	.0006200	-.004975	.0009939

Sample Name: PB107093BL Acquired: 3/9/2018 14:18:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000538	.0025392	-.000064
Stddev	.000921	.0003949	.000070
%RSD	171.0035	15.55394	110.0776

#1	-.001514	.0028913	-.000113
#2	-.000416	.0026143	-.000094
#3	.000315	.0021122	.000017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2068.862	4367.885	48456.74	6947.927	5206.236
Stddev	11.624	21.018	68.66	35.354	18.272
%RSD	.5618527	.4811893	.1416877	.5088417	.3509664

#1	2075.731	4384.771	48415.31	6962.834	5218.275
#2	2075.415	4374.537	48535.99	6907.561	5215.222
#3	2055.441	4344.346	48418.92	6973.386	5185.211

Sample Name: PB107176BS Acquired: 3/9/2018 14:22:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215664	.0532837	.0182836	.0708864	.1143763	.3843097
Stddev	.0007976	.0014660	.0003235	.0015211	.0025286	.0059061
%RSD	3.698268	2.751359	1.769513	2.145828	2.210744	1.536807

#1	.0222969	.0537700	.0180255	.0712025	.1171646	.3775121
#2	.0216869	.0544447	.0186465	.0722247	.1122321	.3881845
#3	.0207154	.0516363	.0181788	.0692321	.1137322	.3872325

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3905001	.0103598	.0103021	10.38007	F .0443650	.0973516
Stddev	.0002746	.0001565	.0000860	.05145	.0003482	.0005244
%RSD	.0703091	1.510831	.8344111	.4956786	.7848561	.5386464

#1	.3907357	.0104453	.0102042	10.38921	.0443073	.0969344
#2	.3901986	.0101791	.0103374	10.32466	.0440493	.0971801
#3	.3905660	.0104549	.0103648	10.42633	.0447385	.0979403

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523135	F .2978199	.0331922	9.782234	.0931240	.0188905
Stddev	.0028334	.0006059	.0005273	.011791	.0003163	.0002086
%RSD	5.416186	.2034339	1.588551	.1205388	.3396113	1.104446

#1	.0542335	.2971223	.0328912	9.795391	.0929627	.0190942
#2	.0490593	.2982142	.0338010	9.772621	.0929210	.0186772
#3	.0536478	.2981233	.0328844	9.778689	.0934884	.0188999

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.399315	.0984607	.1171181	9.781242	.0249072	F .0188172
Stddev	.059012	.0006443	.0043356	.158845	.0006907	.0007354
%RSD	.6278365	.6543282	3.701871	1.623980	2.772998	3.907991

#1	9.347472	.0979211	.1154091	9.915159	.0250239	.0195742
#2	9.386938	.0982871	.1138975	9.605741	.0255321	.0181055
#3	9.463534	.0991740	.1220478	9.822826	.0241656	.0187718

Sample Name: PB107176BS Acquired: 3/9/2018 14:22:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231367	.1779112	.1782322	F .0139323	.2037291	.1011569
Stddev	.0001328	.0006864	.0025725	.0004243	.0018328	.0005716
%RSD	.5741544	.3857902	1.443364	3.045680	.8996401	.5650672

#1	.0232849	.1775583	.1801732	.0137427	.2045465	.1017128
#2	.0230969	.1774730	.1753143	.0136359	.2016297	.1005708
#3	.0230283	.1787022	.1792092	.0144184	.2050109	.1011872

Elem	Sr4077
Units	ppm
Avg	.2066271
Stddev	.0005817
%RSD	.2815164

#1	.2072611
#2	.2061180
#3	.2065021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.560	4456.525	48791.88	7088.695	5180.781
Stddev	8.688	20.796	36.81	50.200	24.609
%RSD	.4147898	.4666392	.0754403	.7081689	.4750050

#1	2089.099	4455.716	48751.23	7039.741	5189.473
#2	2104.579	4477.714	48822.94	7140.054	5199.865
#3	2090.003	4436.145	48801.48	7086.291	5153.006

Sample Name: J1785-01 Acquired: 3/9/2018 14:27:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5382291	-.007839	.4100730	.0175223	.1884357	16.18367
Stddev	.0078668	.002791	.0021437	.0043402	.0004478	.01201
%RSD	1.461603	35.60211	.5227495	24.76929	.2376288	.0741844

#1	.5419496	-.010893	.4078037	.0185329	.1884311	16.19705
#2	.5291921	-.005421	.4120638	.0127660	.1879902	16.18014
#3	.5435454	-.007204	.4103516	.0212681	.1888858	16.17383

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.549822	.0026549	.5129664	741.7574	7.434427	.6617611
Stddev	.006398	.0000526	.0004184	2.0346	.005090	.0018471
%RSD	.4128495	1.980297	.0815574	.2742891	.0684656	.2791159

#1	1.552765	.0026194	.5127916	742.1311	7.434361	.6605406
#2	1.554220	.0027153	.5126639	743.5792	7.429370	.6608566
#3	1.542482	.0026299	.5134439	739.5619	7.439550	.6638861

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.76683	125.1521	2.017105	325.6411	F 7.692526	.0177583
Stddev	.02707	.2398	.005145	.8440	.014423	.0002509
%RSD	.0736158	.1915724	.2550609	.2591878	.1874969	1.412605

#1	36.75390	125.1798	2.012388	325.4291	7.685977	.0175647
#2	36.74864	125.3768	2.022591	326.5709	7.682538	.0176685
#3	36.79793	124.8997	2.016336	324.9233	7.709061	.0180417

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.554672	.2277365	1.154212	4.497078	3.233127	.0554449
Stddev	.060432	.0066654	.009393	.019040	.018418	.0026120
%RSD	3.887118	2.926805	.8138169	.4233936	.5696535	4.710993

#1	1.624320	.2324720	1.158771	4.481158	3.221951	.0567578
#2	1.516128	.2201143	1.143409	4.491906	3.223046	.0524369
#3	1.523567	.2306232	1.160455	4.518170	3.254384	.0571399

Sample Name: J1785-01 Acquired: 3/9/2018 14:27:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALH5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220095	1.504101	5.299692	-.000911	.5696341	.0462836
Stddev	.0005637	.003603	.030595	.000305	.0010704	.0004451
%RSD	2.560991	.2395779	.5772996	33.51019	.1879169	.9617375

#1	.0218121	1.499952	5.302311	-.000595	.5702091	.0458681
#2	.0215711	1.505903	5.328894	-.000933	.5683990	.0467533
#3	.0226453	1.506448	5.267872	-.001205	.5702941	.0462294

Elem	Sr4077
Units	ppm
Avg	.4827510
Stddev	.0010447
%RSD	.2163958

#1	.4839419
#2	.4823220
#3	.4819892

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.742	3856.672	44817.72	6963.361	3979.667
Stddev	12.314	10.343	205.26	17.050	4.521
%RSD	.6733342	.2681892	.4579827	.2448581	.1136056

#1	1828.000	3856.694	44833.83	6970.906	3983.048
#2	1841.410	3867.005	45014.44	6943.840	3981.421
#3	1816.816	3846.319	44604.88	6975.337	3974.532

Sample Name: J1785-02 Acquired: 3/9/2018 14:31:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121783	-.002490	8.047147	.0026733	.0025567	6.187871	.5872287
Stddev	.0014525	.001927	.015276	.0035927	.0008950	.049167	.0014640
%RSD	11.92654	77.39270	.1898321	134.3901	35.00414	.7945725	.2493107

#1	.0105180	-.000721	8.060733	.0007238	.0029536	6.206036	.5881720
#2	.0128034	-.004544	8.050097	.0004768	.0031846	6.132205	.5855422
#3	.0132135	-.002206	8.030611	.0068193	.0015320	6.225370	.5879721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006913	.0494500	425.1582	.0660161	.0039112	.0637569	12.01517
Stddev	.0000444	.0002707	1.2609	.0006991	.0003514	.0016837	.02691
%RSD	6.426422	.5473415	.2965620	1.058993	8.983098	2.640888	.2239446

#1	.0007424	.0497023	426.4556	.0656903	.0038771	.0654738	12.02629
#2	.0006687	.0494838	423.9374	.0668186	.0042783	.0621084	11.98449
#3	.0006627	.0491641	425.0817	.0655393	.0035781	.0636884	12.03475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1583922	5.219535	.0251409	.0008536	.7656138	.0271233	.9980176
Stddev	.0008739	.048761	.0002077	.0001346	.1568852	.0028698	.0015462
%RSD	.5517178	.9342065	.8259318	15.76481	20.49143	10.58060	.1549310

#1	.1581738	5.252511	.0249877	.0010063	.9036530	.0294445	.9997166
#2	.1576482	5.163523	.0250578	.0007525	.7981906	.0280107	.9976435
#3	.1593546	5.242570	.0253772	.0008019	.5949977	.0239145	.9966927

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.10673	1.191412	.0244049	.0064452	17.72073	1.901130	.0076280
Stddev	.00920	.008715	.0000392	.0001703	.06906	.020732	.0009520
%RSD	.4365261	.7314959	.1604321	2.642440	.3897000	1.090496	12.48070

#1	-2.09704	1.182191	.0244350	.0064676	17.64282	1.877543	.0065291
#2	-2.10782	1.199513	.0243606	.0066032	17.77440	1.909383	.0082039
#3	-2.11533	1.192533	.0244190	.0062648	17.74497	1.916464	.0081511

Sample Name: J1785-02 Acquired: 3/9/2018 14:31:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDALH8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2087507	.0106018	2.565576
Stddev	.0012733	.0008269	.003722
%RSD	.6099369	7.800062	.1450559

#1	.2101646	.0112383	2.561467
#2	.2083928	.0108998	2.566541
#3	.2076947	.0096671	2.568720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.232	4147.053	46142.63	6948.570	4571.191
Stddev	12.736	19.459	297.04	31.700	19.371
%RSD	.6537375	.4692265	.6437505	.4562160	.4237709

#1	1939.152	4124.794	45801.15	6974.799	4549.555
#2	1962.791	4155.525	46341.28	6913.343	4577.094
#3	1942.754	4160.840	46285.45	6957.567	4586.924

Sample Name: J1785-03 Acquired: 3/9/2018 14:35:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207639	-.001585	13.57823	.0027246	.0043774	5.624225
Stddev	.0013169	.001625	.05461	.0007892	.0007921	.036757
%RSD	6.342212	102.5075	.4022092	28.96410	18.09540	.6535523

#1	.0222075	-.003279	13.52850	.0025232	.0049427	5.664921
#2	.0196284	-.000039	13.56951	.0035949	.0034720	5.593437
#3	.0204557	-.001438	13.63668	.0020556	.0047173	5.614319

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.085384	.0006947	.0045807	F 2281.582	.0651535	.0009174
Stddev	.002202	.0000556	.0000386	33.572	.0003644	.0002902
%RSD	.0713710	7.997077	.8426789	1.471455	.5592543	31.63621

#1	3.087830	.0007127	.0046128	2250.070	.0654305	.0009323
#2	3.084764	.0006324	.0045915	2277.783	.0647408	.0006200
#3	3.083559	.0007390	.0045379	2316.892	.0652893	.0011999

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748349	11.78697	.1440891	11.90903	.0171598	.0009346
Stddev	.0034228	.03390	.0007690	.12953	.0001446	.0001926
%RSD	4.573867	.2875818	.5337320	1.087648	.8426949	20.61052

#1	.0721665	11.80073	.1441704	12.02518	.0173034	.0011506
#2	.0786941	11.81182	.1448143	11.93257	.0171617	.0007805
#3	.0736440	11.74836	.1432827	11.76935	.0170142	.0008728

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9674387	.0166425	.8571045	-2.06609	2.849287	.0123034
Stddev	.2305857	.0037504	.0011282	.05852	.020312	.0005946
%RSD	23.83466	22.53540	.1316287	2.832355	.7128936	4.832587

#1	1.162633	.0179821	.8569868	-2.07137	2.838761	.0128817
#2	1.026666	.0124061	.8560397	-2.12180	2.836399	.0123347
#3	.713016	.0195392	.8582869	-2.00512	2.872702	.0116938

Sample Name: J1785-03 Acquired: 3/9/2018 14:35:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALH9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046796	14.84245	1.791075	.0162375	.0973199	.0273017
Stddev	.0003024	.11415	.016881	.0007071	.0016433	.0015175
%RSD	6.462958	.7690883	.9425248	4.355002	1.688502	5.558361

#1	.0049832	14.82140	1.810553	.0170432	.0980380	.0256543
#2	.0046772	14.74030	1.780691	.0159495	.0984818	.0276084
#3	.0043783	14.96567	1.781979	.0157198	.0954398	.0286425

Elem	Sr4077
Units	ppm
Avg	9.392795
Stddev	.043607
%RSD	.4642607

#1	9.349446
#2	9.392282
#3	9.436656

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1738.530	3660.380	41110.18	6593.541	3737.570
Stddev	8.393	12.694	39.09	13.323	14.018
%RSD	.4827653	.3468059	.0950956	.2020560	.3750518

#1	1728.904	3669.757	41074.07	6608.705	3747.224
#2	1742.369	3665.449	41104.76	6588.208	3743.995
#3	1744.318	3645.934	41151.70	6583.712	3721.491

Sample Name: J1785-04 Acquired: 3/9/2018 14:39:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0305001	-.001743	9.072448	-.000147	.0008394	7.407602	.6501794
Stddev	.0020820	.000883	.169488	.001397	.0010336	.081812	.0042101
%RSD	6.826235	50.65640	1.868157	949.9089	123.1409	1.104429	.6475334

#1	.0327207	-.001439	9.267487	.000016	.0015047	7.399203	.6511143
#2	.0301876	-.002738	8.988933	.001161	.0013649	7.330314	.6455804
#3	.0285920	-.001052	8.960926	-.001618	-.000351	7.493289	.6538434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007772	.0030630	397.3424	.0788071	.0079744	.0778092	16.07671
Stddev	.0000785	.0001841	2.5488	.0015092	.0001607	.0010471	.13063
%RSD	10.09662	6.011170	.6414576	1.915021	2.014742	1.345737	.8125500

#1	.0007976	.0032439	397.3492	.0785827	.0081116	.0790019	16.12436
#2	.0006906	.0030694	394.7902	.0804159	.0077976	.0770412	15.92894
#3	.0008435	.0028758	399.8877	.0774227	.0080140	.0773844	16.17683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2073036	5.826522	.0392161	.0009998	.6046964	.0243504	1.173367
Stddev	.0020492	.077481	.0009356	.0002336	.0829693	.0031975	.026173
%RSD	.9885059	1.329802	2.385773	23.36103	13.72081	13.13118	2.230606

#1	.2070026	5.874876	.0402033	.0010226	.6347704	.0247177	1.181682
#2	.2054216	5.737155	.0391025	.0012212	.6684349	.0209851	1.194373
#3	.2094867	5.867535	.0383425	.0007557	.5108840	.0273484	1.144047

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.09836	1.292742	.0306579	.0068054	19.88921	2.584328	.0120871
Stddev	.01652	.035651	.0009835	.0002860	.48667	.009389	.0003201
%RSD	.7872123	2.757756	3.207952	4.203188	2.446912	.3633123	2.648198

#1	-2.07941	1.332196	.0295251	.0071351	20.44528	2.576103	.0123609
#2	-2.10598	1.262841	.0311554	.0066223	19.54090	2.582325	.0121653
#3	-2.10970	1.283189	.0312932	.0066590	19.68146	2.594558	.0117352

Sample Name: J1785-04 Acquired: 3/9/2018 14:39:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2810156	.0107703	2.490082
Stddev	.0024216	.0005073	.012776
%RSD	.8617235	4.709924	.5130852

#1	.2782282	.0113515	2.486501
#2	.2822169	.0105423	2.479479
#3	.2826016	.0104170	2.504267

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.285	4169.576	45497.81	6970.083	4597.725
Stddev	24.389	57.807	686.10	32.526	70.959
%RSD	1.262838	1.386400	1.507980	.4666481	1.543353

#1	1927.049	4104.006	45518.68	6993.336	4515.926
#2	1909.292	4191.543	44801.51	6983.998	4634.513
#3	1957.515	4213.180	46173.23	6932.914	4642.736

Sample Name: J1785-05 Acquired: 3/9/2018 14:43:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALJ0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263566	-.001844	9.011383	.0021900	.0025030	7.354627	.6463263
Stddev	.0037470	.002496	.228918	.0008291	.0006880	.161001	.0148500
%RSD	14.21644	135.3688	2.540316	37.86073	27.48798	2.189106	2.297601

#1	.0294261	.000862	8.874210	.0026366	.0032322	7.249624	.6359074
#2	.0274627	-.004057	8.884289	.0027001	.0024116	7.274268	.6397414
#3	.0221811	-.002337	9.275650	.0012333	.0018653	7.539989	.6633301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008048	.0030491	394.5478	.0789548	.0083586	.0765117	16.03022
Stddev	.0000620	.0000675	9.1454	.0008161	.0002863	.0019863	.31325
%RSD	7.699143	2.212578	2.317956	1.033635	3.425021	2.596126	1.954095

#1	.0007491	.0029718	388.3821	.0796077	.0081138	.0742406	15.83569
#2	.0008716	.0030964	390.2058	.0792168	.0082887	.0779250	15.86341
#3	.0007938	.0030789	405.0554	.0780398	.0086734	.0773693	16.39157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2069528	5.710766	.0384218	.0007823	.7235735	.0242061	1.181719
Stddev	.0048926	.137209	.0006592	.0000876	.1475616	.0037895	.008104
%RSD	2.364123	2.402630	1.715801	11.20190	20.39344	15.65510	.6857423

#1	.2022574	5.625900	.0379932	.0007121	.7645146	.0278113	1.174673
#2	.2065796	5.637335	.0380912	.0008806	.8463414	.0202559	1.190574
#3	.2120212	5.869063	.0391809	.0007543	.5598644	.0245512	1.179910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.11686	1.281325	.0301858	.0066343	19.73649	2.591301	.0123162
Stddev	.00697	.034091	.0009592	.0002803	.55645	.036449	.0011383
%RSD	.3294232	2.660571	3.177674	4.224725	2.819376	1.406601	9.242244

#1	-2.12484	1.257630	.0303333	.0065173	19.33591	2.561962	.0134598
#2	-2.11375	1.265951	.0291614	.0064314	19.50170	2.579837	.0111833
#3	-2.11198	1.320396	.0310628	.0069541	20.37184	2.632104	.0123054

Sample Name: J1785-05 Acquired: 3/9/2018 14:43:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALJ0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2793998	.0104476	2.466115
Stddev	.0054738	.0011900	.062815
%RSD	1.959121	11.38991	2.547138

#1	.2777631	.0099036	2.421755
#2	.2749310	.0096268	2.438597
#3	.2855052	.0118123	2.537993

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.223	4200.628	45354.52	7042.521	4638.314
Stddev	20.537	83.320	511.13	137.127	92.315
%RSD	1.071210	1.983521	1.126955	1.947125	1.990271

#1	1909.878	4238.280	45230.11	7093.907	4684.307
#2	1901.368	4258.477	44917.08	7146.533	4698.598
#3	1940.423	4105.127	45916.36	6887.123	4532.038

Sample Name: J1785-06 Acquired: 3/9/2018 14:47:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALJ0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1039272	.0940818	8.604459	.0989709	.1902470	10.26510	4.333636
Stddev	.0016282	.0013748	.195120	.0012368	.0032881	.05451	.010616
%RSD	1.566695	1.461241	2.267664	1.249654	1.728336	.5310316	.2449589

#1	.1030488	.0950773	8.530116	.0975661	.1895449	10.31772	4.344407
#2	.1029268	.0925132	8.457439	.0998957	.1873666	10.20888	4.323183
#3	.1058060	.0946548	8.825823	.0994509	.1938294	10.26870	4.333319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0897021	.1002746	368.4246	.4586006	.9664147	.5552237	16.74536
Stddev	.0005153	.0023132	1.0627	.0022508	.0221912	.0020226	.12339
%RSD	.5744775	2.306903	.2884364	.4908006	2.296242	.3642781	.7368323

#1	.0898918	.0992251	369.6492	.4587168	.9566604	.5550360	16.88487
#2	.0891189	.0986721	367.8803	.4607911	.9507714	.5533016	16.65055
#3	.0900958	.1029265	367.7443	.4562940	.9918124	.5573336	16.70067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.136005	5.395820	.9919969	.0847021	.6172643	.9530991	2.006384
Stddev	.002854	.024964	.0227587	.0008325	.1650925	.0061816	.007976
%RSD	.2512421	.4626491	2.294232	.9829002	26.74583	.6485773	.3975430

#1	1.139036	5.424450	.9823705	.0856438	.7786192	.9597907	2.014965
#2	1.133368	5.384409	.9756332	.0840639	.4486722	.9476019	2.004991
#3	1.135612	5.378602	1.017987	.0843986	.6245013	.9519046	1.999196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.15997	1.225883	.0276989	.0063043	18.79191	2.401647	.0107312
Stddev	.01059	.028208	.0019261	.0000723	.41762	.018872	.0010499
%RSD	.4901167	2.301074	6.953851	1.146792	2.222336	.7858089	9.783847

#1	-2.15070	1.212153	.0296295	.0063643	18.50565	2.416872	.0098747
#2	-2.17151	1.207167	.0257773	.0062240	18.59897	2.380532	.0104165
#3	-2.15771	1.258328	.0276900	.0063247	19.27112	2.407536	.0119025

Sample Name: J1785-06 Acquired: 3/9/2018 14:47:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALJ0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2640113	.0101919	2.350055
Stddev	.0010975	.0001600	.004413
%RSD	.4157134	1.569799	.1878007

#1	.2627886	.0101615	2.352848
#2	.2649112	.0100493	2.344967
#3	.2643341	.0103650	2.352351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.141	4287.553	48614.40	7275.280	4736.637
Stddev	21.996	79.693	265.49	5.773	92.025
%RSD	1.073404	1.858712	.5461074	.0793442	1.942838

#1	2024.978	4309.281	48309.27	7272.846	4768.569
#2	2067.998	4354.130	48741.36	7281.871	4808.443
#3	2054.447	4199.249	48792.57	7271.123	4632.899

Sample Name: J1785-04LX5 Acquired: 3/9/2018 14:51:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALJ0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055743	-.000973	1.902162	.0017813	-.000523	1.500509	.1314227
Stddev	.0010307	.001069	.025764	.0009093	.000455	.008908	.0007705
%RSD	18.49085	109.9360	1.354481	51.05045	87.07314	.5936944	.5862578

#1	.0043864	.000178	1.872447	.0007348	-.000257	1.499475	.1314028
#2	.0061041	-.001160	1.918263	.0022294	-.001048	1.492163	.1306623
#3	.0062324	-.001935	1.915777	.0023795	-.000263	1.509890	.1322029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002082	.0005608	80.48333	.0206670	.0009632	.0149312	3.337959
Stddev	.0000045	.0000288	.17601	.0004590	.0001888	.0024605	.036758
%RSD	2.156308	5.133595	.2186944	2.220962	19.59698	16.47876	1.101202

#1	.0002043	.0005503	80.37246	.0202140	.0011665	.0135817	3.300263
#2	.0002131	.0005934	80.39125	.0211318	.0007934	.0177711	3.339913
#3	.0002074	.0005387	80.68628	.0206552	.0009298	.0134407	3.373701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437569	1.233614	.0104112	.0004756	.0076800	.0061781	.2303276
Stddev	.0001941	.007750	.0003409	.0001489	.1997207	.0018311	.0053500
%RSD	.4436882	.6282479	3.274190	31.30519	2600.534	29.63849	2.322797

#1	.0435877	1.233816	.0101382	.0003039	.2020268	.0082109	.2362530
#2	.0439688	1.241261	.0107933	.0005550	-.197012	.0046579	.2258515
#3	.0437140	1.225765	.0103023	.0005680	.018026	.0056655	.2288785

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.780459	.2530677	.0025428	.0019758	3.909173	.5205682	.0011668
Stddev	.055458	.0036854	.0004943	.0001797	.082559	.0038243	.0002221
%RSD	7.105865	1.456304	19.44010	9.093765	2.111930	.7346416	19.03843

#1	-.842195	.2488149	.0023874	.0020219	3.813842	.5167044	.0014079
#2	-.734858	.2550603	.0021449	.0017776	3.956750	.5243518	.0011220
#3	-.764323	.2553278	.0030962	.0021280	3.956927	.5206483	.0009704

Sample Name: J1785-04LX5 Acquired: 3/9/2018 14:51:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALJ0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0578342	.0015535	.5099134
Stddev	.0000582	.0007318	.0014934
%RSD	.1005623	47.10976	.2928711

#1	.0577990	.0007585	.5114758
#2	.0578022	.0017029	.5085003
#3	.0579013	.0021990	.5097641

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2070.175	4300.760	48599.63	7124.846	4961.036
Stddev	11.994	40.314	188.82	5.150	54.008
%RSD	.5793793	.9373709	.3885249	.0722811	1.088637

#1	2056.327	4347.210	48394.94	7129.157	5023.399
#2	2077.228	4280.191	48767.02	7119.143	4930.028
#3	2076.972	4274.880	48636.93	7126.237	4929.683

Sample Name: PB107081BL Acquired: 3/9/2018 14:55:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015369	.0005001	-.000560	-.000565	-.001337	.0006779	-.002094
Stddev	.0001395	.0012532	.000534	.002198	.000950	.0076057	.000326
%RSD	9.076605	250.5945	95.46269	388.8835	71.08080	1121.889	15.55486

#1	.0013788	-.000015	-.000205	.000539	-.002096	.0083202	-.001805
#2	.0016426	.001929	-.001174	.000862	-.001644	.0006042	-.002447
#3	.0015894	-.000414	-.000300	-.003097	-.000271	-.006891	-.002031

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001026	-.000053	.0021897	.0001055	-.000080	-.002066	-.002443
Stddev	.0000513	.000019	.0083554	.0001497	.000161	.001581	.003981
%RSD	50.01393	36.37796	381.5863	141.9078	202.1107	76.53387	162.9698

#1	.0000448	-.000044	.0082142	.0000818	-.000048	-.003840	-.002184
#2	.0001427	-.000040	.0057035	-.000031	-.000255	-.000805	-.006547
#3	.0001202	-.000075	-.007349	.000266	.000063	-.001554	.001403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000546	.0516563	.0001991	.0001455	-.184163	-.001143	.0002822
Stddev	.000182	.0394291	.0003036	.0001954	.129478	.001514	.0015752
%RSD	33.39567	76.32985	152.5016	134.2894	70.30611	132.5174	558.2742

#1	-.000715	.0306184	-.000092	.0002854	-.044610	-.002890	-.001254
#2	-.000570	.0971425	.000175	.0002289	-.207484	-.000238	.001893
#3	-.000353	.0272078	.000514	-.000078	-.300396	-.000299	.000207

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.329223	-.001442	-.003569	.0002737	.0056389	-.005284	.0001539
Stddev	.075379	.000890	.000392	.0000723	.0004575	.000154	.0003236
%RSD	22.89601	61.72609	10.97307	26.42033	8.112605	2.914847	210.3608

#1	-.244846	-.000425	-.003992	.0002282	.0051297	-.005461	.0001813
#2	-.389915	-.002082	-.003494	.0003571	.0057720	-.005179	.0004629
#3	-.352908	-.001819	-.003220	.0002358	.0060151	-.005213	-.000183

Sample Name: PB107081BL Acquired: 3/9/2018 14:55:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000570	-.000643	-.000043
Stddev	.000492	.001015	.000036
%RSD	86.45141	157.9295	82.55346

#1	-.000717	.000164	-.000039
#2	-.000020	-.001783	-.000081
#3	-.000972	-.000309	-.000010

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.286	4427.407	49130.08	7102.239	5283.951
Stddev	12.027	18.686	68.00	16.940	23.723
%RSD	.5762080	.4220636	.1384159	.2385105	.4489569

#1	2095.377	4415.827	49188.95	7082.680	5270.659
#2	2093.015	4417.430	49055.64	7111.875	5269.854
#3	2073.465	4448.965	49145.64	7112.163	5311.339

Sample Name: PB107202BS Acquired: 3/9/2018 14:59:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223957	.0541802	.0206831	.0754921	.1192745	.3949868
Stddev	.0005668	.0010129	.0004440	.0043737	.0006886	.0087006
%RSD	2.530962	1.869523	2.146765	5.793603	.5773470	2.202766

#1	.0221198	.0530113	.0203020	.0805380	.1187728	.3887332
#2	.0220197	.0548004	.0211707	.0731516	.1189912	.4049232
#3	.0230477	.0547289	.0205767	.0727866	.1200596	.3913039

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4009321	.0107181	.0107606	10.67017	F .0451591	.1018201
Stddev	.0026182	.0001493	.0001516	.03469	.0005436	.0009332
%RSD	.6530394	1.392702	1.408377	.3251391	1.203740	.9164988

#1	.3995662	.0107460	.0106363	10.66225	.0445447	.1012008
#2	.4039508	.0108514	.0107161	10.70814	.0455775	.1013660
#3	.3992792	.0105568	.0109295	10.64012	.0453550	.1028934

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544305	F .3085317	.0348862	9.961874	.0970787	.0197512
Stddev	.0006904	.0075179	.0001894	.075237	.0005948	.0001066
%RSD	1.268367	2.436687	.5429364	.7552514	.6127073	.5396881

#1	.0548845	.3097747	.0348352	9.918487	.0965564	.0198408
#2	.0536360	.3004697	.0347276	10.04875	.0969535	.0197795
#3	.0547710	.3153507	.0350959	9.91839	.0977261	.0196333

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.531856	.1025785	.1199225	10.09813	.0251656	F .0174072
Stddev	.242654	.0047295	.0062269	.10294	.0012563	.0004676
%RSD	2.545721	4.610646	5.192428	1.019390	4.992183	2.686341

#1	9.302950	.1047538	.1159690	10.02435	.0239242	.0176897
#2	9.786247	.1058290	.1271003	10.21573	.0264363	.0168675
#3	9.506372	.0971527	.1166980	10.05430	.0251362	.0176646

Sample Name: PB107202BS Acquired: 3/9/2018 14:59:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241442	.1878087	.1838309	F .0143368	.2106842	.1044254
Stddev	.0001518	.0013821	.0010827	.0016031	.0016935	.0009911
%RSD	.6285506	.7358881	.5889414	11.18180	.8038091	.9490771

#1	.0240408	.1887670	.1842466	.0137546	.2126337	.1054005
#2	.0240733	.1884348	.1846441	.0131062	.2098415	.1034191
#3	.0243184	.1862244	.1826020	.0161497	.2095773	.1044565

Elem	Sr4077
Units	ppm
Avg	.2128344
Stddev	.0004202
%RSD	.1974113

#1	.2125012
#2	.2133064
#3	.2126957

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.938	4293.752	47744.19	6956.806	4989.541
Stddev	3.356	18.579	33.32	32.600	24.683
%RSD	.1644261	.4326975	.0697889	.4686047	.4946986

#1	2037.268	4303.081	47713.26	6944.140	5002.723
#2	2041.698	4305.819	47779.47	6932.440	5004.835
#3	2043.849	4272.358	47739.85	6993.838	4961.066

Sample Name: J1787-01 Acquired: 3/9/2018 15:03:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1262341	-.004284	1.761722	.0042156	.0154954	.1042258
Stddev	.0033157	.000812	.003558	.0023203	.0003773	.0102726
%RSD	2.626604	18.96117	.2019379	55.04068	2.434896	9.856116

#1	.1250993	-.004137	1.759094	.0047577	.0150862	.0931224
#2	.1299682	-.005160	1.760302	.0016723	.0155705	.1133918
#3	.1236349	-.003555	1.765771	.0062169	.0158295	.1061631

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3135894	.0001522	.0001646	726.5123	.0022985	.0334818
Stddev	.0004432	.0000251	.0000336	1.3511	.0000896	.0000529
%RSD	.1413193	16.50825	20.38775	.1859736	3.896541	.1579842

#1	.3132820	.0001801	.0001567	726.6781	.0023931	.0334698
#2	.3133888	.0001450	.0001357	725.0859	.0022876	.0335397
#3	.3140974	.0001314	.0002014	727.7729	.0022150	.0334359

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085044	-.049248	.3488474	4.454499	.0601646	.0001651
Stddev	.0006108	.007520	.0013514	.043770	.0011133	.0001791
%RSD	7.182114	15.26968	.3873751	.9826030	1.850477	108.4805

#1	.0079405	-.048388	.3486515	4.501921	.0588941	.0000948
#2	.0084194	-.057162	.3476047	4.415650	.0606300	.0000319
#3	.0091532	-.042196	.3502860	4.445926	.0609698	.0003688

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1345.762	.0082086	.9423318	-1.80667	.2379998	.0843680
Stddev	3.648	.0006942	.0145993	.07395	.0027723	.0004997
%RSD	.2710792	8.457538	1.549272	4.093392	1.164812	.5922373

#1	1346.212	.0089873	.9453362	-1.89152	.2350321	.0848320
#2	1341.910	.0079839	.9551952	-1.77257	.2384443	.0844328
#3	1349.164	.0076545	.9264641	-1.75592	.2405229	.0838390

Sample Name: J1787-01 Acquired: 3/9/2018 15:03:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALH8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119720	55.50823	2.864060	-.000293	-.015549	.0083277
Stddev	.0002156	.53648	.013573	.001093	.000846	.0012366
%RSD	1.801153	.9664850	.4738914	373.1757	5.438720	14.84889

#1	.0122207	55.10043	2.878125	.000955	-.016500	.0075065
#2	.0118370	56.11597	2.863013	-.000756	-.015267	.0097499
#3	.0118582	55.30829	2.851041	-.001078	-.014881	.0077268

Elem	Sr4077
Units	ppm
Avg	4.083316
Stddev	.022368
%RSD	.5477955

#1	4.095780
#2	4.096677
#3	4.057493

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.208	3819.803	42222.90	6892.646	3931.858
Stddev	10.723	6.799	108.57	9.764	10.816
%RSD	.5836653	.1779960	.2571460	.1416578	.2750874

#1	1834.790	3826.389	42226.28	6882.212	3943.250
#2	1827.901	3820.210	42112.67	6901.563	3930.593
#3	1848.934	3812.809	42329.74	6894.162	3921.729

Sample Name: J1787-02 Acquired: 3/9/2018 15:07:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105665	-.003724	.9738991	.0049786	.0024933	.1042975
Stddev	.0009292	.002147	.0027120	.0010122	.0010605	.0077010
%RSD	8.793522	57.64794	.2784703	20.33053	42.53491	7.383715

#1	.0104206	-.001544	.9738494	.0059257	.0019290	.1054597
#2	.0097189	-.003792	.9712123	.0050980	.0037167	.1113515
#3	.0115600	-.005835	.9766357	.0039120	.0018343	.0960815

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.661330	.0001185	.0002003	747.3937	.0019285	-.000601
Stddev	.009782	.0000354	.0000714	4.1951	.0001873	.000140
%RSD	.5887837	29.84338	35.64185	.5613017	9.711322	23.25029

#1	1.651634	.0001571	.0002422	742.8267	.0019629	-.000719
#2	1.661161	.0000877	.0002410	748.2787	.0017264	-.000447
#3	1.671195	.0001106	.0001179	751.0758	.0020962	-.000636

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235545	-.129714	.1383669	5.794190	.0068204	.0003608
Stddev	.0013314	.009985	.0008002	.048157	.0004602	.0002500
%RSD	5.652413	7.697604	.5783165	.8311171	6.746885	69.30242

#1	.0220199	-.126585	.1374446	5.768615	.0068024	.0002469
#2	.0242416	-.140889	.1388761	5.849738	.0072892	.0001880
#3	.0244019	-.121669	.1387801	5.764217	.0063694	.0006474

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1432.053	.0041927	.5042774	-1.45728	.1906406	.0685844
Stddev	9.101	.0019962	.0042261	.06973	.0042883	.0013436
%RSD	.6355272	47.61118	.8380427	4.784630	2.249427	1.959048

#1	1421.925	.0042280	.5086258	-1.50516	.1955841	.0675728
#2	1434.690	.0021791	.5001854	-1.37728	.1884155	.0680714
#3	1439.544	.0061710	.5040209	-1.48938	.1879222	.0701089

Sample Name: J1787-02 Acquired: 3/9/2018 15:07:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDALH9 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036937	5.823203	.9275137	.0000647	-.014311	.0043150
Stddev	.0001095	.007069	.0018456	.0005121	.000521	.0003200
%RSD	2.963540	.1214019	.1989832	791.9833	3.640847	7.416021

#1	.0037553	5.815181	.9291255	-.000281	-.014910	.0045396
#2	.0037585	5.828524	.9255004	-.000178	-.014063	.0039486
#3	.0035673	5.825904	.9279153	.000653	-.013961	.0044568

Elem	Sr4077
Units	ppm
Avg	2.413546
Stddev	.015880
%RSD	.6579643

#1	2.398681
#2	2.411681
#3	2.430277

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.558	3718.798	40877.70	6746.477	3827.380
Stddev	15.436	17.235	145.19	27.909	12.109
%RSD	.8718205	.4634577	.3551862	.4136854	.3163679

#1	1759.906	3734.617	40716.09	6777.743	3835.292
#2	1788.260	3721.348	40997.15	6737.609	3833.408
#3	1763.507	3700.431	40919.84	6724.079	3813.441

Sample Name: J1787-03 Acquired: 3/9/2018 15:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123459	-.004077	.5356995	.0051709	.0015055	.1348222
Stddev	.0031450	.001181	.0047682	.0024007	.0005296	.0049387
%RSD	25.47387	28.98180	.8900906	46.42728	35.17533	3.663151

#1	.0131720	-.003013	.5312381	.0033645	.0018650	.1291237
#2	.0088703	-.005348	.5407244	.0042531	.0017541	.1374785
#3	.0149953	-.003868	.5351359	.0078950	.0008973	.1378643

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5229003	.0002433	.0000443	299.8172	.0025413	.0004586
Stddev	.0010811	.0000523	.0000110	.8164	.0004574	.0003185
%RSD	.2067524	21.49219	24.78285	.2723140	17.99775	69.43890

#1	.5220476	.0001998	.0000317	298.9897	.0020971	.0001467
#2	.5241162	.0002287	.0000492	300.6221	.0025161	.0004460
#3	.5225370	.0003013	.0000519	299.8398	.0030108	.0007832

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456830	-.017583	.1074100	2.887202	.0049647	.0005718
Stddev	.0007237	.006539	.0005110	.007365	.0000775	.0001362
%RSD	1.584234	37.18585	.4757067	.2550869	1.561921	23.81084

#1	.0450550	-.017544	.1076116	2.892069	.0050542	.0004386
#2	.0464745	-.011064	.1077894	2.890808	.0049171	.0005660
#3	.0455195	-.024141	.1068290	2.878729	.0049228	.0007107

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1345.909	.0026178	.4775056	-1.50955	.3802926	.1123030
Stddev	5.357	.0019203	.0024922	.03373	.0040379	.0007156
%RSD	.3980431	73.35575	.5219210	2.234201	1.061781	.6372474

#1	1343.152	.0047576	.4782749	-1.47897	.3808418	.1124105
#2	1352.084	.0020516	.4747195	-1.50396	.3760082	.1129589
#3	1342.493	.0010443	.4795225	-1.54572	.3840278	.1115397

Sample Name: J1787-03 Acquired: 3/9/2018 15:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALJ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015412	11.87938	1.259177	-.001118	-.004895	-.000267
Stddev	.0002609	.19414	.002782	.001115	.000640	.001917
%RSD	16.93019	1.634225	.2209648	99.75421	13.07053	716.7850
#1	.0012964	11.71187	1.262381	-.000880	-.004377	.000864
#2	.0015115	11.83412	1.257780	-.000141	-.004699	-.002480
#3	.0018157	12.09214	1.257369	-.002333	-.005611	.000814

Elem	Sr4077
Units	ppm
Avg	1.879189
Stddev	.003780
%RSD	.2011337
#1	1.878794
#2	1.875623
#3	1.883151

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.478	3873.872	42403.59	6955.139	4013.993
Stddev	7.389	23.875	116.71	46.516	10.555
%RSD	.4045759	.6163070	.2752365	.6687948	.2629674
#1	1826.912	3857.566	42293.12	6937.468	4007.252
#2	1833.641	3901.276	42525.67	6920.049	4026.157
#3	1818.881	3862.774	42391.98	7007.901	4008.568

Sample Name: PB107176BL Acquired: 3/9/2018 15:15:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000777	-.001422	-.000950	.0016656	-.001697	.0022952	-.002116
Stddev	.001476	.001791	.001192	.0002254	.000908	.0025525	.000358
%RSD	190.0023	125.9572	125.4137	13.53014	53.50514	111.2117	16.89265

#1	.000891	-.002157	-.002306	.0014153	-.000663	.0009875	-.001896
#2	-.001915	.000620	-.000069	.0018523	-.002066	.0006615	-.001924
#3	-.001307	-.002729	-.000475	.0017293	-.002363	.0052366	-.002529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000219	.0000020	-.001215	-.000167	-.000071	-.001190	-.005496
Stddev	.0000212	.0000107	.012765	.000413	.000027	.001306	.001953
%RSD	96.73645	534.4630	1050.368	246.7176	37.79987	109.7196	35.54371

#1	.0000002	-.000009	-.010309	.000106	-.000055	.000204	-.006060
#2	.0000229	.000002	-.006715	.000034	-.000102	-.002384	-.007105
#3	.0000426	.000013	.013378	-.000642	-.000056	-.001390	-.003322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000292	.0209353	.0002021	.0003700	-.019576	-.001855	.0013486
Stddev	.000352	.0184357	.0003482	.0001666	.071816	.001503	.0041116
%RSD	120.3904	88.06062	172.2777	45.02759	366.8608	81.02135	304.8724

#1	.000033	.0172151	.0001435	.0003789	.063258	-.002906	.0060953
#2	-.000244	.0046433	-.000113	.0005320	-.064378	-.002525	-.001104
#3	-.000666	.0409474	.000576	.0001991	-.057607	-.000134	-.000945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.242453	-.001822	-.004602	.0001378	.0138290	-.005026	.0001471
Stddev	.086998	.000758	.000269	.0001117	.0035965	.000484	.0000354
%RSD	35.88256	41.61707	5.837690	81.07359	26.00676	9.620525	24.07116

#1	-.160061	-.001162	-.004305	.0002616	.0179786	-.005457	.0001855
#2	-.233875	-.001653	-.004672	.0000444	.0116133	-.005118	.0001157
#3	-.333422	-.002650	-.004828	.0001074	.0118950	-.004503	.0001399

Sample Name: PB107176BL Acquired: 3/9/2018 15:15:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004426	.0073097	-.000040
Stddev	.0002921	.0010195	.000020
%RSD	66.00383	13.94664	49.26398

#1	.0003169	.0084753	-.000017
#2	.0007765	.0068693	-.000051
#3	.0002343	.0065845	-.000051

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.879	4416.372	48970.90	7100.658	5282.918
Stddev	13.766	41.934	84.71	38.503	40.206
%RSD	.6624889	.9495037	.1729827	.5422410	.7610520

#1	2062.011	4379.584	48873.28	7072.059	5246.030
#2	2086.629	4407.501	49014.48	7085.478	5276.949
#3	2084.995	4462.032	49024.96	7144.437	5325.774

Sample Name: PB107093BS Acquired: 3/9/2018 15:19:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209144	.0493320	.0173306	.0694413	.1077143	.3688526
Stddev	.0042329	.0021864	.0003098	.0025743	.0007858	.0032246
%RSD	20.23922	4.432024	1.787291	3.707183	.7295401	.8742381

#1	.0240363	.0518317	.0170011	.0671583	.1085970	.3651722
#2	.0226104	.0483886	.0176158	.0722314	.1074547	.3711822
#3	.0160965	.0477757	.0173748	.0689342	.1070911	.3702033

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3666892	.0098361	.0096839	9.755806	.0213969	.0922919
Stddev	.0020336	.0001058	.0001793	.085676	.0002014	.0011941
%RSD	.5545914	1.075746	1.851501	.8782058	.9410816	1.293880

#1	.3644307	.0098457	.0098890	9.660567	.0212937	.0936616
#2	.3683752	.0099368	.0096060	9.826610	.0216290	.0917445
#3	.3672617	.0097259	.0095567	9.780241	.0212682	.0914696

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481759	.1955383	.0290992	9.157181	.0768906	.0183307
Stddev	.0016894	.0064820	.0004248	.100891	.0008718	.0000713
%RSD	3.506837	3.314928	1.459780	1.101767	1.133862	.3890590

#1	.0481474	.1881058	.0287455	9.041533	.0774965	.0184061
#2	.0498794	.1984906	.0289816	9.227175	.0772840	.0183216
#3	.0465009	.2000186	.0295703	9.202836	.0758914	.0182643

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.900742	.0937106	.1103063	9.211438	.0221279	F .0142107
Stddev	.131325	.0011958	.0022858	.036623	.0013176	.0005328
%RSD	1.475436	1.276028	2.072206	.3975849	5.954599	3.749009

#1	8.925312	.0924474	.1126670	9.214325	.0224589	.0144466
#2	8.758868	.0948250	.1101482	9.246532	.0206763	.0145847
#3	9.018047	.0938593	.1081037	9.173456	.0232485	.0136007

Sample Name: PB107093BS Acquired: 3/9/2018 15:19:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196723	.1809148	.1676647	F .0134022	.1926813	.0977483
Stddev	.0002589	.0012080	.0017591	.0007088	.0018776	.0016423
%RSD	1.316219	.6677392	1.049184	5.288819	.9744694	1.680099

#1	.0197389	.1813155	.1689745	.0142065	.1905526	.0958856
#2	.0193866	.1818716	.1683542	.0128689	.1941020	.0989875
#3	.0198915	.1795574	.1656652	.0131311	.1933893	.0983719

Elem	Sr4077
Units	ppm
Avg	.1960720
Stddev	.0002922
%RSD	.1490009

#1	.1963759
#2	.1957932
#3	.1960471

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.990	4415.707	49016.69	7107.284	5155.013
Stddev	13.347	36.510	262.59	36.106	45.248
%RSD	.6364715	.8268189	.5357230	.5080184	.8777422

#1	2107.192	4376.818	49318.33	7082.921	5106.535
#2	2081.885	4421.056	48839.13	7090.166	5162.377
#3	2101.894	4449.248	48892.60	7148.766	5196.127

Sample Name: J1840-01 Acquired: 3/9/2018 15:23:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907593	-.003283	2.560365	.0029452	.0053421	11.92206	.5577904
Stddev	.0022229	.001903	.003996	.0007053	.0001417	.03032	.0002543
%RSD	2.449261	57.95111	.1560851	23.94642	2.653065	.2543215	.0455906

#1	.0920321	-.004325	2.563852	.0025045	.0051886	11.91687	.5575991
#2	.0920533	-.004438	2.561240	.0025725	.0054681	11.95464	.5576932
#3	.0881925	-.001087	2.556004	.0037586	.0053697	11.89467	.5580790

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009680	.0028410	295.6861	.1767209	.0208251	1.611971	23.79153
Stddev	.0000465	.0000558	.3948	.0006209	.0002087	.004110	.05207
%RSD	4.806095	1.965496	.1335354	.3513339	1.002186	.2549604	.2188451

#1	.0009548	.0028052	295.2996	.1766378	.0209023	1.616393	23.73905
#2	.0009296	.0029053	295.6698	.1761457	.0205887	1.611252	23.84317
#3	.0010198	.0028125	296.0888	.1773791	.0209842	1.608269	23.79238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.438503	98.34425	.0257438	.0011513	.1606494	.3834693	.7479369
Stddev	.006590	.30634	.0005262	.0002631	.1405248	.0056248	.0093429
%RSD	.4581258	.3114940	2.044153	22.85486	87.47301	1.466808	1.249150

#1	1.430998	97.99682	.0263207	.0012637	-.001313	.3847290	.7586269
#2	1.441166	98.57552	.0252900	.0013396	.250201	.3773216	.7438501
#3	1.443344	98.46040	.0256208	.0008507	.233059	.3883575	.7413338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.798699	.7384060	.0397188	.0178295	5.369000	2.220043	-.000050
Stddev	.021414	.0068277	.0002937	.0002138	.017752	.031618	.000878
%RSD	.7651521	.9246478	.7394426	1.199218	.3306312	1.424217	1769.087

#1	2.790210	.7322673	.0399717	.0176805	5.349896	2.183686	-.000511
#2	2.782830	.7371912	.0393966	.0180745	5.372119	2.241110	-.000601
#3	2.823056	.7457595	.0397880	.0177334	5.384986	2.235334	.000963

Sample Name: J1840-01 Acquired: 3/9/2018 15:23:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM59 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2388372	.0336679	.8158368
Stddev	.0016753	.0005053	.0014612
%RSD	.7014498	1.500901	.1791081

#1	.2376985	.0335441	.8170284
#2	.2380523	.0332359	.8142065
#3	.2407609	.0342236	.8162756

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.691	4088.519	46043.23	6885.381	4473.470
Stddev	6.157	17.254	185.26	20.692	14.570
%RSD	.3170974	.4220087	.4023698	.3005157	.3256974

#1	1934.601	4070.205	45850.47	6908.931	4457.033
#2	1944.772	4090.884	46219.96	6870.111	4478.581
#3	1945.699	4104.469	46059.25	6877.103	4484.797

Sample Name: J1840-02 Acquired: 3/9/2018 15:27:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1798636	.0007224	2.342744	.0026105	.0078695	94.94544	2.176310
Stddev	.0018981	.0016302	.011458	.0022822	.0012310	.83985	.011408
%RSD	1.055330	225.6598	.4890946	87.42678	15.64247	.8845592	.5242020

#1	.1809746	-.000620	2.335497	.0039743	.0089250	95.83985	2.188193
#2	.1809443	.002537	2.336780	.0038814	.0081663	94.82287	2.175292
#3	.1776718	.000250	2.355954	-.000024	.0065173	94.17362	2.165445

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178356	.0044779	124.1320	.3557605	.1387191	.5381507	420.1126
Stddev	.0000905	.0001595	.7275	.0002056	.0009245	.0044149	3.1259
%RSD	.5073497	3.561834	.5860906	.0577807	.6664862	.8203803	.7440631

#1	.0177342	.0043041	124.9704	.3558185	.1382283	.5415805	423.5720
#2	.0179081	.0045122	123.7584	.3555321	.1381435	.5397021	419.2748
#3	.0178645	.0046175	123.6671	.3559308	.1397856	.5331695	417.4909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.32667	27.45653	.1238702	.0059967	1.384844	.4569110	2.879386
Stddev	.10764	.25764	.0007052	.0003219	.111395	.0040139	.027263
%RSD	.8731901	.9383737	.5693127	5.367653	8.043836	.8784868	.9468376

#1	12.44907	27.74396	.1232950	.0063684	1.331554	.4569210	2.850703
#2	12.28418	27.37927	.1236586	.0058133	1.512873	.4609199	2.904963
#3	12.24677	27.24635	.1246570	.0058085	1.310103	.4528921	2.882492

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.278638	5.032526	.0502633	.0092556	4.487542	3.459295	1.111087
Stddev	.057527	.011058	.0071017	.0004806	.010898	.017506	.002665
%RSD	1.089802	.2197277	14.12896	5.192995	.2428428	.5060453	.2398929

#1	5.344996	5.020409	.0565440	.0098079	4.500120	3.455228	1.108776
#2	5.242853	5.035097	.0516890	.0090261	4.480930	3.444180	1.110482
#3	5.248065	5.042071	.0425569	.0089326	4.481576	3.478476	1.114003

Sample Name: J1840-02 Acquired: 3/9/2018 15:27:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM61 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8347869	.1038447	.3960552
Stddev	.0036458	.0004939	.0011765
%RSD	.4367329	.4756085	.2970506

#1	.8348188	.1038176	.3955126
#2	.8384166	.1043516	.3974050
#3	.8311253	.1033649	.3952479

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.481	4813.225	54742.82	8166.365	4592.675
Stddev	10.717	20.933	121.42	24.428	20.476
%RSD	.4636396	.4349080	.2217938	.2991244	.4458464

#1	2299.625	4832.481	54639.77	8147.577	4609.457
#2	2314.339	4816.248	54712.02	8157.540	4598.706
#3	2320.480	4790.944	54876.67	8193.979	4569.860

Sample Name: J1840-03 Acquired: 3/9/2018 15:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2174528	-.008516	5.458764	.0024451	.0008461	100.5847	3.458512
Stddev	.0049480	.001898	.016855	.0025686	.0016221	.9251	.032302
%RSD	2.275439	22.29103	.3087731	105.0522	191.7088	.9197058	.9339741

#1	.2191903	-.006448	5.442172	.0035787	.0016129	101.5236	3.482795
#2	.2118704	-.010180	5.458248	.0042519	.0019427	100.5564	3.470889
#3	.2212977	-.008920	5.475871	-.000495	-.001017	99.6741	3.421852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221346	.0155073	283.5346	.3721245	.1539929	1.008632	640.7257
Stddev	.0002074	.0005030	2.7798	.0002166	.0009571	.007326	6.3610
%RSD	.9370344	3.243455	.9804115	.0582053	.6215037	.7263375	.9927782

#1	.0219112	.0150622	285.9570	.3723746	.1530778	1.012223	647.1020
#2	.0223210	.0154067	284.1473	.3719992	.1539138	1.013470	640.6949
#3	.0221718	.0160529	280.4996	.3719997	.1549870	1.000204	634.3801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66740	61.52884	.1835441	.0101821	3.255197	.4904406	6.368093
Stddev	.14549	.54845	.0014225	.0004523	.027727	.0054855	.018643
%RSD	.9919481	.8913646	.7749915	4.441876	.8517637	1.118478	.2927641

#1	14.80742	62.10027	.1823337	.0105168	3.232073	.4961616	6.351844
#2	14.67778	61.47953	.1831877	.0103619	3.285935	.4899346	6.388447
#3	14.51699	61.00671	.1851108	.0096675	3.247582	.4852257	6.363987

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.706664	9.634526	.0735608	.0117830	7.250998	3.753236	4.082727
Stddev	.128510	.048614	.0097068	.0001874	.051522	.009141	.020830
%RSD	1.323940	.5045809	13.19558	1.590030	.7105511	.2435420	.5102059

#1	9.803589	9.593306	.0847686	.0116732	7.211657	3.751403	4.067187
#2	9.755511	9.622136	.0678496	.0116764	7.232020	3.763155	4.074597
#3	9.560892	9.688136	.0680643	.0119993	7.309317	3.745151	4.106396

Sample Name: J1840-03 Acquired: 3/9/2018 15:31:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM62 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.236784	.1373369	.7385329
Stddev	.008828	.0016809	.0046045
%RSD	.7137864	1.223890	.6234689

#1	1.240594	.1388786	.7422087
#2	1.243067	.1375871	.7400219
#3	1.226691	.1355449	.7333681

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2313.020	4811.034	55502.48	8419.981	4422.824
Stddev	3.622	24.756	188.01	39.792	20.499
%RSD	.1565808	.5145688	.3387438	.4725954	.4634787

#1	2310.183	4831.292	55447.22	8378.931	4439.743
#2	2317.099	4818.372	55711.93	8422.628	4428.700
#3	2311.777	4783.439	55348.30	8458.383	4400.029

Sample Name: J1840-04 Acquired: 3/9/2018 15:35:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1872446	.0229219	4.943999	.0064205	.0140349	96.73052
Stddev	.0030881	.0006574	.052661	.0027050	.0016760	.27148
%RSD	1.649240	2.868092	1.065157	42.13062	11.94165	.2806591

#1	.1837136	.0226155	4.908950	.0094982	.0153710	96.95533
#2	.1885797	.0224736	4.918490	.0044200	.0121544	96.42891
#3	.1894406	.0236766	5.004557	.0053434	.0145793	96.80732

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.223137	.0188621	.0055081	97.74415	.5077012	.3260222
Stddev	.011500	.0002208	.0002700	.44607	.0016432	.0030734
%RSD	.2722978	1.170551	4.901220	.4563692	.3236496	.9426887

#1	4.223483	.0189860	.0054760	97.49342	.5058979	.3235535
#2	4.211468	.0186072	.0052557	97.47986	.5080917	.3250486
#3	4.234459	.0189932	.0057927	98.25917	.5091139	.3294644

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6409628	563.0548	F 40.32454	28.28713	.1308940	.0058804
Stddev	.0037101	2.3120	.20813	.06934	.0016232	.0004455
%RSD	.5788367	.4106173	.5161426	.2451342	1.240046	7.575735

#1	.6413218	563.9325	40.33150	28.36521	.1302698	.0054044
#2	.6370862	560.4325	40.11302	28.23271	.1296756	.0062873
#3	.6444804	564.7995	40.52911	28.26349	.1327366	.0059494

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.883676	.6855596	3.278323	3.342575	6.149890	.0534215
Stddev	.078309	.0058571	.007691	.055147	.051979	.0018562
%RSD	4.157252	.8543472	.2345988	1.649824	.8452080	3.474655

#1	1.887275	.6899808	3.273963	3.366333	6.137615	.0512943
#2	1.960124	.6789168	3.287204	3.279531	6.105147	.0547125
#3	1.803630	.6877814	3.273804	3.381861	6.206909	.0542577

Sample Name: J1840-04 Acquired: 3/9/2018 15:35:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM63 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093941	3.589848	3.755287	1.037671	.8044626	.0986688
Stddev	.0001679	.028810	.019355	.012231	.0068705	.0016187
%RSD	1.787096	.8025411	.5153987	1.178711	.8540499	1.640495

#1	.0092555	3.590729	3.776672	1.028438	.7993548	.0996505
#2	.0093461	3.560608	3.738973	1.033033	.8017595	.0968005
#3	.0095808	3.618208	3.750215	1.051543	.8122736	.0995553

Elem	Sr4077
Units	ppm
Avg	.3730640
Stddev	.0009609
%RSD	.2575594

#1	.3719952
#2	.3733408
#3	.3738561

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.478	4735.472	53962.43	8053.530	4524.296
Stddev	20.143	34.375	192.09	12.692	39.256
%RSD	.8887507	.7259095	.3559617	.1575894	.8676645

#1	2246.392	4753.879	53748.85	8049.683	4544.124
#2	2266.364	4756.724	54017.45	8067.700	4549.683
#3	2286.678	4695.813	54121.01	8043.207	4479.081

Sample Name: CCV027 Acquired: 3/9/2018 15:43:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.790713	4.619526	23.67975	4.947493	4.721915	360.1717	9.832765
Stddev	.021462	.014408	.09124	.025023	.022489	13.0828	.360599
%RSD	.4479934	.3118984	.3853089	.5057634	.4762659	3.632390	3.667319

#1	4.815464	4.628851	23.78438	4.975394	4.747765	375.2783	10.24856
#2	4.779425	4.602931	23.63814	4.940044	4.711140	352.5498	9.64396
#3	4.777251	4.626796	23.61673	4.927041	4.706842	352.6871	9.60578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4759828	2.387710	370.6264	14.77879	2.384972	15.07707	363.2320
Stddev	.0167291	.009959	14.0869	.06675	.008781	.54452	13.2997
%RSD	3.514652	.4170760	3.800842	.4516909	.3681950	3.611608	3.661502

#1	.4948319	2.399208	386.8754	14.85504	2.394973	15.70550	378.5882
#2	.4702185	2.382071	363.1502	14.75049	2.381414	14.78046	355.4001
#3	.4628980	2.381850	361.8537	14.73085	2.378527	14.74524	355.7077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.24455	368.3850	2.395211	1.233044	363.4056	2.374135	13.55923
Stddev	.55988	13.8262	.009706	.008662	13.7062	.081037	.13702
%RSD	3.930497	3.753197	.4052289	.7025290	3.771602	3.413320	1.010525

#1	14.89069	384.3472	2.406394	1.243014	379.2248	2.467130	13.70583
#2	13.90274	360.6673	2.390254	1.227356	355.9150	2.318641	13.53747
#3	13.94023	360.1404	2.388984	1.228763	355.0771	2.336634	13.43439

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.7146	4.926083	4.649928	4.756945	5.039599	4.422244	4.793899
Stddev	5.5472	.042191	.163736	.020664	.027907	.156437	.017914
%RSD	3.608785	.8564741	3.521261	.4344003	.5537620	3.537510	.3736758

#1	160.0878	4.973082	4.835555	4.780796	5.071824	4.596171	4.810197
#2	151.0829	4.891476	4.588201	4.745645	5.023376	4.377527	4.796780
#3	149.9730	4.913691	4.526027	4.744396	5.023598	4.293034	4.774719

Sample Name: CCV027 Acquired: 3/9/2018 15:43:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV027 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.133197	5.484444	5.434067
Stddev	.187394	.198110	.150196
%RSD	3.650623	3.612216	2.763976

#1	5.348567	5.712469	5.591920
#2	5.043630	5.386278	5.417356
#3	5.007394	5.354586	5.292925

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1790.994	3859.093	44331.92	6722.108	4038.726
Stddev	14.105	15.650	220.70	215.316	15.468
%RSD	.7875558	.4055476	.4978253	3.203105	.3829949

#1	1776.383	3841.062	44104.06	6481.309	4020.972
#2	1792.066	3867.053	44544.68	6788.906	4045.912
#3	1804.532	3869.163	44347.02	6896.108	4049.294

Sample Name: CCB027 Acquired: 3/9/2018 15:47:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) 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	.0015479	.0011075	-.000307	.0010084	-.001660	.0167446	-.000868
Stddev	.0020236	.0010806	.001129	.0020332	.000491	.0044055	.000515
%RSD	130.7360	97.56412	368.3851	201.6189	29.56002	26.31003	59.33593

#1	-.000512	.0018560	.000826	.0007495	-.001112	.0139511	-.001456
#2	.003533	.0015979	-.001432	.0031587	-.001811	.0144595	-.000656
#3	.001623	-.000131	-.000313	-.000883	-.002058	.0218231	-.000493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001337	.0000162	.0165576	.0008125	.0000250	.0007180	.0179585
Stddev	.0000616	.0000391	.0055121	.0004628	.0000471	.0019661	.0046747
%RSD	46.09441	241.6324	33.29052	56.95248	188.2175	273.8432	26.03067

#1	.0001582	.0000603	.0211404	.0013112	.0000335	-.000233	.0232915
#2	.0000636	-.000014	.0104410	.0003970	.0000673	.002979	.0160146
#3	.0001792	.000003	.0180913	.0007294	-.000026	-.000592	.0145693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005600	.0343015	.0003965	.0004167	-.033704	-.000949	.0000649
Stddev	.0003617	.0126256	.0000525	.0001364	.062437	.003834	.0011727
%RSD	64.59066	36.80777	13.24174	32.74509	185.2497	404.1632	1807.709

#1	.0001864	.0320573	.0003897	.0005668	-.101712	.002253	.0009147
#2	.0009085	.0478988	.0003478	.0003001	-.020428	.000099	-.001273
#3	.0005849	.0229485	.0004521	.0003831	.021027	-.005198	.000553

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.470801	-.002171	.0020179	.0001627	.0009286	-.004681	-.000068
Stddev	.011973	.000993	.0009832	.0001227	.0006789	.000201	.000544
%RSD	2.543087	45.73660	48.72094	75.41244	73.11184	4.297605	795.5452

#1	-.468186	-.003213	.0028553	.0001480	.0015620	-.004488	-.000379
#2	-.460352	-.001236	.0009354	.0000480	.0010120	-.004889	-.000387
#3	-.483865	-.002063	.0022631	.0002920	.0002119	-.004665	.000560

Sample Name: CCB027 Acquired: 3/9/2018 15:47:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) 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	.0002231	.0015576	.0002815
Stddev	.0001387	.0007718	.0000922
%RSD	62.15837	49.55180	32.76548

#1	.0002394	.0007673	.0003589
#2	.0000770	.0015959	.0003062
#3	.0003529	.0023095	.0001794

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.160	4856.948	54301.95	7660.482	5791.898
Stddev	11.656	14.093	226.06	44.639	9.317
%RSD	.5006728	.2901560	.4163071	.5827172	.1608628

#1	2329.522	4849.717	54198.15	7621.158	5784.857
#2	2315.882	4847.938	54146.43	7651.284	5788.375
#3	2339.075	4873.188	54561.27	7709.003	5802.463

Sample Name: J1840-05 Acquired: 3/9/2018 15:51:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0725330	.0140749	1.246328	.0158142	.0045007	65.02394	1.207054
Stddev	.0046315	.0019017	.063288	.0017264	.0003927	1.94473	.034599
%RSD	6.385335	13.51159	5.077971	10.91705	8.726432	2.990785	2.866370

#1	.0749261	.0156337	1.288877	.0165978	.0045440	66.76253	1.237382
#2	.0671946	.0146349	1.173599	.0170098	.0040881	65.38546	1.214411
#3	.0754783	.0119560	1.276508	.0138349	.0048700	62.92382	1.169368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123139	.0002285	48.56947	.2010890	.0709611	.2257036	287.9577
Stddev	.0003177	.0006083	1.37467	.0047766	.0037532	.0070097	8.8711
%RSD	2.580216	266.2643	2.830323	2.375355	5.289069	3.105707	3.080705

#1	.0125550	.0002753	49.81937	.1995154	.0737177	.2306189	295.9729
#2	.0124329	-.000402	48.79189	.2064538	.0666868	.2288151	289.4742
#3	.0119539	.000812	47.09715	.1972977	.0724789	.2176768	278.4261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.150421	10.65012	.0487372	.0056140	.9969952	.3524203	2.363156
Stddev	.218551	.35237	.0023308	.0003287	.1947087	.0120243	.050920
%RSD	3.056474	3.308564	4.782372	5.855812	19.52956	3.411926	2.154752

#1	7.352258	10.98218	.0507099	.0059205	1.157952	.3638004	2.366714
#2	7.180692	10.68773	.0461653	.0056547	.780571	.3536189	2.412204
#3	6.918312	10.28046	.0493362	.0052668	1.052462	.3398415	2.310550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.116243	3.662929	.0507220	.0051787	1.189441	2.303402	.0560794
Stddev	.112045	.201003	.0104036	.0001958	.062656	.044774	.0037159
%RSD	10.03769	5.487496	20.51107	3.780313	5.267651	1.943826	6.626095

#1	1.219317	3.827210	.0623305	.0053848	1.239048	2.319841	.0587640
#2	1.132425	3.438799	.0422405	.0049952	1.119029	2.337633	.0518384
#3	.996986	3.722778	.0475950	.0051563	1.210244	2.252732	.0576358

Sample Name: J1840-05 Acquired: 3/9/2018 15:51:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM64 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3345410	.0597578	.2530034
Stddev	.0073182	.0010179	.0069001
%RSD	2.187545	1.703395	2.727286

#1	.3411608	.0604744	.2594877
#2	.3357796	.0602064	.2537710
#3	.3266824	.0585927	.2457516

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3149.825	7555.800	73542.74	9783.855	7792.612
Stddev	61.303	250.890	1321.12	210.697	288.319
%RSD	1.946249	3.320494	1.796393	2.153519	3.699901

#1	3156.934	7375.983	73661.27	9622.792	7588.617
#2	3085.277	7842.419	72166.36	9706.470	8122.463
#3	3207.264	7448.997	74800.60	10022.30	7666.756

Sample Name: J1840-06 Acquired: 3/9/2018 15:55:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988902	.0082754	1.045377	.0015700	.0088920	52.26972	1.339532
Stddev	.0011312	.0021521	.002538	.0045873	.0015940	1.56356	.042133
%RSD	1.143841	26.00614	.2428304	292.1777	17.92642	2.991337	3.145314

#1	.1001937	.0062101	1.047962	-.003466	.0092716	50.46579	1.290945
#2	.0981662	.0081110	1.045279	.005510	.0071424	53.23576	1.361683
#3	.0983108	.0105049	1.042888	.002667	.0102620	53.10761	1.365969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127396	.0004781	48.29402	.3603234	.1417201	.3096483	345.8474
Stddev	.0003006	.0004470	1.46132	.0027532	.0010595	.0094529	10.4943
%RSD	2.359207	93.47948	3.025885	.7640918	.7475898	3.052794	3.034383

#1	.0123937	.0009743	46.61096	.3615084	.1428276	.2987565	333.7479
#2	.0129371	.0003531	49.24015	.3622857	.1416165	.3144743	352.4738
#3	.0128880	.0001070	49.03096	.3571761	.1407163	.3157140	351.3206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.54596	8.260552	.0625609	.0021353	1.358887	.4254630	1.561025
Stddev	.44238	.263904	.0004812	.0004356	.221326	.0129097	.033263
%RSD	3.041245	3.194749	.7691281	20.39800	16.28734	3.034265	2.130853

#1	14.03620	7.963233	.0629840	.0016672	1.248707	.4105567	1.523327
#2	14.82921	8.467058	.0626613	.0025286	1.214275	.4328124	1.573503
#3	14.77247	8.351367	.0620375	.0022101	1.613679	.4330200	1.586244

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0381851	2.134292	-.017908	.0046216	1.882173	2.058948	.1615461
Stddev	.1283788	.014968	.005857	.0000140	.013690	.057547	.0011734
%RSD	336.2014	.7012920	32.70711	.3040697	.7273733	2.794963	.7263677

#1	-.103592	2.143187	-.023411	.0046378	1.889184	1.992531	.1627822
#2	.146565	2.142676	-.018561	.0046152	1.890938	2.093954	.1614086
#3	.071582	2.117011	-.011751	.0046120	1.866397	2.090358	.1604474

Sample Name: J1840-06 Acquired: 3/9/2018 15:55:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM65 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5153293	.0395042	.2069795
Stddev	.0160130	.0012091	.0069012
%RSD	3.107333	3.060617	3.334229

#1	.4968411	.0381465	.1990261
#2	.5243355	.0404646	.2105267
#3	.5248113	.0399016	.2113856

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.922	7041.223	75571.18	11650.83	7211.555
Stddev	36.998	34.442	732.14	304.90	37.618
%RSD	1.147609	.4891540	.9688121	2.616946	.5216328

#1	3266.510	7009.801	76185.76	11952.73	7179.431
#2	3199.707	7035.820	74761.14	11343.02	7202.296
#3	3205.550	7078.047	75766.63	11656.74	7252.937

Sample Name: J1840-07 Acquired: 3/9/2018 15:59:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1083713	.0096267	3.098533	.0081461	.0356129	39.66988	1.697501
Stddev	.0039260	.0017937	.109075	.0023440	.0016448	2.25576	.101042
%RSD	3.622692	18.63259	3.520229	28.77424	4.618573	5.686331	5.952422

#1	.1127200	.0105289	3.224311	.0075350	.0374920	41.21810	1.771089
#2	.1073061	.0107902	3.029957	.0107350	.0349122	40.70980	1.739118
#3	.1050879	.0075610	3.041331	.0061682	.0344345	37.08174	1.582297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108397	.0045803	45.85177	.1563166	.0452127	.5043730	310.0703
Stddev	.0002150	.0004846	2.52110	.0107547	.0015839	.0299558	16.9745
%RSD	1.983756	10.58050	5.498373	6.880095	3.503289	5.939223	5.474419

#1	.0109243	.0047929	47.72709	.1525579	.0470411	.5252376	322.0392
#2	.0109997	.0040257	46.84241	.1479457	.0442585	.5178334	317.5282
#3	.0105953	.0049223	42.98581	.1684462	.0443385	.4700482	290.6436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.493656	7.999554	.0904917	.0057895	1.955466	.2192510	3.479464
Stddev	.304474	.443139	.0033138	.0011797	.104664	.0138763	.049993
%RSD	5.542292	5.539544	3.661983	20.37663	5.352397	6.328978	1.436798

#1	5.714282	8.364583	.0942921	.0066448	1.835466	.2294059	3.512192
#2	5.620404	8.127583	.0882055	.0062800	2.027898	.2249071	3.421918
#3	5.146282	7.506496	.0889776	.0044437	2.003034	.2034399	3.504281

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.915665	6.805155	.2439604	.0091108	2.290744	1.482350	.1636397
Stddev	.281004	.238877	.0334568	.0002087	.083349	.017621	.0047741
%RSD	14.66875	3.510240	13.71403	2.290695	3.638505	1.188691	2.917455

#1	2.107801	7.080920	.2697937	.0093478	2.386963	1.483180	.1690973
#2	2.046039	6.662055	.2559203	.0089545	2.240776	1.499541	.1602377
#3	1.593155	6.672489	.2061673	.0090300	2.244493	1.464329	.1615840

Sample Name: J1840-07 Acquired: 3/9/2018 15:59:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM66 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5685637	.0601999	.3401438
Stddev	.0324634	.0032024	.0190744
%RSD	5.709722	5.319618	5.607743

#1	.5908280	.0627169	.3543020
#2	.5835485	.0612874	.3476762
#3	.5313145	.0565954	.3184534

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4156.193	9003.505	95632.81	12930.93	9461.623
Stddev	138.426	209.714	3166.05	364.02	233.451
%RSD	3.330597	2.329251	3.310629	2.815083	2.467348

#1	4204.094	8762.640	96106.92	12676.49	9193.952
#2	4264.307	9102.302	98535.06	12768.40	9567.820
#3	4000.179	9145.574	92256.44	13347.89	9623.096

Sample Name: J1840-14 Acquired: 3/9/2018 16:32:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM81 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022351	.0019847	-.000169	-.001989	-.003443	.0038130	.0012037
Stddev	.0004466	.0001934	.000355	.000588	.000135	.0019820	.0000440
%RSD	19.98091	9.746308	209.6335	29.56563	3.935050	51.97954	3.651957

#1	.0020337	.0020059	-.000337	-.001860	-.003510	.0017285	.0011784
#2	.0019246	.0021666	.000238	-.002631	-.003533	.0056734	.0012545
#3	.0027469	.0017815	-.000408	-.001476	-.003288	.0040372	.0011782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003656	.0000384	-.018470	.0002779	.0001444	-.002469	-.001103
Stddev	.0000137	.0000054	.000508	.0000972	.0000329	.000366	.001659
%RSD	3.740652	14.12679	2.751769	34.95800	22.77410	14.83861	150.4335

#1	.0003723	.0000357	-.017977	.0001789	.0001066	-.002167	.000787
#2	.0003746	.0000350	-.018440	.0002818	.0001601	-.002877	-.001774
#3	.0003498	.0000447	-.018992	.0003731	.0001665	-.002363	-.002321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000304	.0504978	.0018809	.0001285	.8297109	.0006212	.0022015
Stddev	.000079	.0054883	.0000436	.0001079	.0144764	.0005355	.0004904
%RSD	25.94442	10.86829	2.315513	83.96917	1.744748	86.21107	22.27526

#1	-.000251	.0568307	.0018887	.0000459	.8244318	.0012388	.0016608
#2	-.000394	.0471280	.0018340	.0002506	.8186150	.0002859	.0026175
#3	-.000266	.0475346	.0019200	.0000891	.8460859	.0003388	.0023262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.42919	-.004275	-.006829	-.000387	-.042030	-.007827	-.001254
Stddev	.01245	.000349	.000201	.000024	.000255	.000723	.000036
%RSD	.3630413	8.174409	2.946591	6.094122	.6055566	9.241251	2.882837

#1	-3.42417	-.004494	-.006784	-.000410	-.041791	-.008433	-.001213
#2	-3.42003	-.003872	-.006653	-.000389	-.042001	-.007026	-.001275
#3	-3.44337	-.004459	-.007048	-.000363	-.042298	-.008023	-.001276

Sample Name: J1840-14 Acquired: 3/9/2018 16:32:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM81 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000327	-.005965	-.000042
Stddev	.000378	.000414	.000003
%RSD	115.4761	6.937703	7.312897

#1	-.000638	-.006439	-.000045
#2	-.000437	-.005774	-.000039
#3	.000093	-.005680	-.000041

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10529.32	23292.55	233319.2	28099.09	27953.67
Stddev	461.39	34.51	1874.4	77.70	29.30
%RSD	4.381999	.1481445	.8033722	.2765121	.1048084

#1	10890.69	23265.12	232683.4	28009.55	27935.83
#2	10009.60	23331.29	235428.8	28148.85	27987.48
#3	10687.66	23281.23	231845.3	28138.86	27937.70

Sample Name: J1840-15 Acquired: 3/9/2018 16:37:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3175420	.0002927	5.402122	.0075759	.0113573	74.53557	4.167116
Stddev	.0029368	.0011709	.018052	.0012039	.0025673	.26586	.017983
%RSD	.9248485	400.0870	.3341718	15.89158	22.60494	.3566841	.4315393

#1	.3183465	.0010006	5.404745	.0088642	.0106477	74.84248	4.187358
#2	.3142868	-.001059	5.382902	.0064794	.0092193	74.37660	4.161004
#3	.3199926	.000936	5.418720	.0073842	.0142047	74.38761	4.152986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111011	.0139072	46.52951	.2686054	.0824794	.5018190	208.8338
Stddev	.0001209	.0001206	.20003	.0014416	.0004927	.0050847	.6182
%RSD	1.089419	.8668947	.4298974	.5367123	.5973758	1.013249	.2960172

#1	.0111055	.0140464	46.75417	.2682556	.0830154	.4996684	209.4895
#2	.0109781	.0138347	46.46359	.2701897	.0820461	.5076255	208.7501
#3	.0112198	.0138405	46.37075	.2673708	.0823768	.4981630	208.2617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.134526	9.109001	.1237823	.0049756	1.349048	.2660070	6.305497
Stddev	.015163	.014993	.0003873	.0000837	.101372	.0064172	.067575
%RSD	.3667527	.1645993	.3128772	1.682451	7.514307	2.412417	1.071676

#1	4.147918	9.121195	.1237938	.0050004	1.384036	.2712516	6.317308
#2	4.137598	9.092261	.1233895	.0048823	1.234817	.2679179	6.366388
#3	4.118061	9.113548	.1241638	.0050441	1.428292	.2588513	6.232796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.207026	6.718590	.0664319	.0222282	8.295366	2.600122	.0895440
Stddev	.068793	.028838	.0016272	.0002607	.036953	.019999	.0012908
%RSD	1.321151	.4292235	2.449412	1.172983	.4454645	.7691414	1.441518

#1	5.207181	6.720044	.0646876	.0219690	8.295382	2.620965	.0909739
#2	5.138156	6.689054	.0679089	.0224905	8.258404	2.581091	.0891931
#3	5.275742	6.746674	.0666993	.0222251	8.332310	2.598309	.0884649

Sample Name: J1840-15 Acquired: 3/9/2018 16:37:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM82 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8674554	.1043517	.9651205
Stddev	.0034059	.0004679	.0044106
%RSD	.3926298	.4483604	.4570010

#1	.8712886	.1040114	.9701068
#2	.8663006	.1048853	.9617294
#3	.8647771	.1041585	.9635255

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.699	4281.442	48223.32	7012.599	4400.345
Stddev	11.754	18.954	226.77	34.687	25.232
%RSD	.5734394	.4427098	.4702561	.4946429	.5734141

#1	2042.409	4284.433	47989.01	6975.017	4403.665
#2	2043.430	4298.723	48239.24	7043.386	4423.753
#3	2063.258	4261.170	48441.71	7019.395	4373.617

Sample Name: J1840-16 Acquired: 3/9/2018 16:41:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3229637	.0015962	14.02884	.0064221	.0121949	73.09651	6.863123
Stddev	.0047526	.0045465	.18437	.0006379	.0009957	.22481	.032393
%RSD	1.471567	284.8424	1.314220	9.932112	8.165103	.3075576	.4719898

#1	.3184032	.0000553	13.84848	.0066424	.0112146	72.91018	6.826280
#2	.3226004	.0067129	14.02106	.0057033	.0132053	73.34621	6.887136
#3	.3278876	-.001980	14.21697	.0069206	.0121647	73.03315	6.875953

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101345	.0188248	73.52851	.2404051	.1077674	.4658140	302.4778
Stddev	.0000586	.0004307	.34784	.0019496	.0010640	.0047054	1.0426
%RSD	.5784708	2.288233	.4730702	.8109605	.9872733	1.010145	.3446924

#1	.0101945	.0185380	73.12701	.2400366	.1066256	.4617495	301.7131
#2	.0100774	.0186162	73.73906	.2386661	.1079458	.4709688	303.6654
#3	.0101315	.0193201	73.71945	.2425127	.1087310	.4647237	302.0549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.434904	17.97974	.1419477	.0069032	1.671351	.2409760	13.75906
Stddev	.012424	.07044	.0017142	.0002014	.170971	.0031537	.26156
%RSD	.2285886	.3917850	1.207638	2.917033	10.22953	1.308736	1.900991

#1	5.421556	17.90402	.1401692	.0069088	1.497879	.2373948	13.72918
#2	5.446130	18.04332	.1420843	.0066991	1.676468	.2433387	13.51372
#3	5.437024	17.99187	.1435895	.0071018	1.839707	.2421945	14.03428

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.489763	8.670922	.0612002	.0162758	7.448939	2.617433	.0870004
Stddev	.027575	.117032	.0041662	.0004189	.118442	.015581	.0025744
%RSD	.4249037	1.349702	6.807485	2.573461	1.590052	.5952754	2.959047

#1	6.459488	8.553365	.0655484	.0159903	7.329395	2.599456	.0849139
#2	6.496360	8.671981	.0608084	.0167567	7.451175	2.625803	.0862098
#3	6.513442	8.787421	.0572437	.0160806	7.566248	2.627041	.0898773

Sample Name: J1840-16 Acquired: 3/9/2018 16:41:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM83 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.772384	.1295047	.5342682
Stddev	.014630	.0013353	.0014799
%RSD	.8254191	1.031074	.2769936

#1	1.755727	.1282944	.5325890
#2	1.778277	.1292825	.5353822
#3	1.783148	.1309371	.5348333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.979	4103.914	46815.71	6882.924	4278.133
Stddev	25.268	40.272	324.37	10.762	45.638
%RSD	1.267212	.9813037	.6928629	.1563616	1.066777

#1	1996.726	4141.674	46837.84	6889.994	4323.834
#2	2017.762	4108.539	47128.44	6888.239	4278.007
#3	1967.451	4061.530	46480.84	6870.538	4232.558

Sample Name: J1840-17 Acquired: 3/9/2018 16:45:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM84 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1997807	-.003673	22.20080	.0088391	.0296926	60.21490
Stddev	.0016698	.003104	.22719	.0007857	.0019263	.37925
%RSD	.8358123	84.50492	1.023352	8.888735	6.487507	.6298269

#1	.1985330	-.000692	22.00333	.0084451	.0302962	60.23715
#2	.1991315	-.003440	22.14996	.0097438	.0275367	60.58253
#3	.2016776	-.006886	22.44910	.0083284	.0312448	59.82501

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.37099	.0083894	.0268755	91.26910	1.567486	.0647841
Stddev	.57430	.0000366	.0003535	.60199	.008049	.0004623
%RSD	1.774132	.4366711	1.315207	.6595816	.5135108	.7135791

#1	32.29020	.0084084	.0266467	91.28620	1.558241	.0642648
#2	32.98141	.0084127	.0266971	91.86236	1.572939	.0649369
#3	31.84136	.0083472	.0272826	90.65874	1.571277	.0651507

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9344149	222.1235	4.194224	18.66161	.2463428	.0122932
Stddev	.0093708	1.3703	.027301	.14872	.0021454	.0000234
%RSD	1.002848	.6169029	.6509166	.7969491	.8709052	.1901344

#1	.9347670	221.9220	4.189529	18.67553	.2454924	.0122664
#2	.9436046	223.5834	4.223567	18.80289	.2447529	.0123088
#3	.9248730	220.8651	4.169575	18.50642	.2487830	.0123045

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.322992	.4200819	18.31986	5.575795	6.208661	.0616797
Stddev	.121417	.0052005	.07736	.040755	.066891	.0051845
%RSD	9.177444	1.237978	.4222869	.7309317	1.077375	8.405564

#1	1.261263	.4154937	18.24731	5.579220	6.132355	.0566839
#2	1.462871	.4257311	18.40127	5.614730	6.236448	.0670343
#3	1.244841	.4190210	18.31100	5.533436	6.257180	.0613209

Sample Name: J1840-17 Acquired: 3/9/2018 16:45:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM84 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2089786	30.71077	2.363581	.6072036	1.626320	.1082647
Stddev	.0021679	.29917	.024851	.0083957	.011648	.0012112
%RSD	1.037382	.9741483	1.051415	1.382680	.7162267	1.118722

#1	.2071595	30.40940	2.391318	.6013457	1.630960	.1079252
#2	.2083989	30.71520	2.356082	.6034429	1.634933	.1096094
#3	.2113775	31.00769	2.343343	.6168222	1.613067	.1072595

Elem	Sr4077
Units	ppm
Avg	.7362797
Stddev	.0045361
%RSD	.6160780

#1	.7362214
#2	.7408447
#3	.7317731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.642	3877.941	44260.62	6472.005	4082.311
Stddev	5.859	28.321	67.15	58.448	34.421
%RSD	.3140726	.7303100	.1517042	.9030919	.8431731

#1	1864.270	3896.561	44248.37	6434.399	4107.553
#2	1860.591	3891.913	44200.45	6442.275	4096.279
#3	1872.066	3845.349	44333.05	6539.342	4043.102

Sample Name: J1840-09 Acquired: 3/9/2018 16:49:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM67D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2645508	.0064844	5.716242	.0075000	.0160389	95.80790	3.866938
Stddev	.0040368	.0004995	.047700	.0070753	.0012643	.39572	.010201
%RSD	1.525920	7.702908	.8344680	94.33790	7.882844	.4130381	.2638098

#1	.2646888	.0064129	5.678966	-.000384	.0156487	95.44676	3.858953
#2	.2604467	.0070157	5.699764	.009585	.0150157	95.74602	3.863430
#3	.2685168	.0060245	5.769997	.013299	.0174523	96.23092	3.878430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206159	.0129994	121.4961	.3949738	.2370359	1.048607	656.5416
Stddev	.0001671	.0003524	.3255	.0008914	.0024033	.001397	2.3816
%RSD	.8103468	2.710968	.2679251	.2256906	1.013895	.1331991	.3627479

#1	.0206729	.0130969	121.2099	.3958570	.2347042	1.048531	654.3519
#2	.0204278	.0126085	121.4281	.3949901	.2368986	1.047249	656.1957
#3	.0207470	.0132928	121.8502	.3940744	.2395049	1.050040	659.0772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.76377	35.34830	.2332067	.0100541	2.285822	.5517947	5.524364
Stddev	.09963	.16070	.0026012	.0006312	.172221	.0050714	.047234
%RSD	.3588463	.4546127	1.115401	6.278046	7.534304	.9190823	.8550134

#1	27.64970	35.17097	.2307648	.0107789	2.107523	.5469884	5.542559
#2	27.80788	35.38967	.2329132	.0097573	2.451242	.5570951	5.559795
#3	27.83373	35.48428	.2359423	.0096259	2.298701	.5513005	5.470739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.306427	9.417418	.0645309	.0152315	6.238482	3.729973	2.054800
Stddev	.037738	.130646	.0045462	.0004121	.073932	.027909	.018191
%RSD	.5165078	1.387278	7.044984	2.705365	1.185092	.7482396	.8852708

#1	7.267621	9.273664	.0598260	.0147557	6.162846	3.704513	2.037677
#2	7.308662	9.449678	.0688997	.0154655	6.242016	3.725594	2.052827
#3	7.342998	9.528911	.0648670	.0154733	6.310583	3.759814	2.073897

Sample Name: J1840-09 Acquired: 3/9/2018 16:49:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM67D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9902076	.1077740	.4436443
Stddev	.0036744	.0008890	.0011209
%RSD	.3710717	.8248975	.2526463

#1	.9869849	.1071705	.4429851
#2	.9894289	.1073566	.4430093
#3	.9942089	.1087949	.4449384

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.287	4163.466	48239.27	7198.448	3961.093
Stddev	4.393	22.203	56.15	43.641	27.048
%RSD	.2159665	.5332786	.1163928	.6062546	.6828474

#1	2029.330	4188.154	48303.49	7228.496	3989.734
#2	2037.700	4157.111	48214.90	7218.457	3957.560
#3	2035.831	4145.134	48199.43	7148.390	3935.985

Sample Name: J1840-10 Acquired: 3/9/2018 16:53:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM67S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3424133	.1196986	5.593837	.1106168	.2156352	98.76406	8.097599
Stddev	.0005565	.0050455	.034736	.0027029	.0018079	.28631	.014467
%RSD	.1625264	4.215143	.6209644	2.443465	.8384090	.2898930	.1786523

#1	.3430473	.1140232	5.579388	.1099034	.2167091	98.48454	8.082438
#2	.3421873	.1213964	5.568658	.1136049	.2135479	99.05671	8.111253
#3	.3420054	.1236762	5.633465	.1083423	.2166487	98.75094	8.099106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1165658	.1336642	119.9770	.8133494	1.429249	1.557852	651.9299
Stddev	.0005800	.0011038	.7055	.0041625	.010213	.005623	3.2783
%RSD	.4975915	.8257915	.5880433	.5117701	.7145439	.3609676	.5028624

#1	.1159003	.1334508	119.1642	.8179497	1.423770	1.551361	648.3972
#2	.1169636	.1326827	120.4304	.8122550	1.422946	1.561254	654.8741
#3	.1168335	.1348591	120.3364	.8098434	1.441032	1.560941	652.5184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.63304	34.87298	1.418863	.1007274	2.102948	1.553511	6.441269
Stddev	.17733	.19164	.008102	.0002771	.060857	.014990	.056185
%RSD	.6193164	.5495396	.5710434	.2751019	2.893891	.9649134	.8722726

#1	28.43019	34.65275	1.416802	.1004132	2.065970	1.536806	6.401154
#2	28.75863	35.00185	1.411990	.1009371	2.069687	1.565789	6.505484
#3	28.71030	34.96434	1.427797	.1008318	2.173187	1.557939	6.417169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.255768	9.215474	.0554395	.0147542	6.025960	5.111987	1.995687
Stddev	.101913	.038707	.0088868	.0004698	.035838	.045106	.010930
%RSD	1.404574	.4200178	16.02981	3.184326	.5947302	.8823568	.5476763

#1	7.139665	9.201493	.0451916	.0142482	6.010092	5.153170	1.990056
#2	7.330439	9.185700	.0601027	.0151766	6.000796	5.119009	1.988721
#3	7.297201	9.259228	.0610241	.0148377	6.066993	5.063782	2.008284

Sample Name: J1840-10 Acquired: 3/9/2018 16:53:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM67S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.029524	.1091978	.4409569
Stddev	.008100	.0009195	.0006175
%RSD	.7867229	.8420005	.1400355

#1	1.033551	.1081718	.4414655
#2	1.034820	.1099472	.4411353
#3	1.020200	.1094744	.4402698

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.792	4198.731	48074.30	7150.896	4011.898
Stddev	7.596	21.228	99.29	22.401	18.431
%RSD	.3760919	.5055877	.2065386	.3132638	.4594150

#1	2015.767	4194.936	48012.13	7126.340	4015.280
#2	2015.055	4221.601	48021.96	7156.133	4028.404
#3	2028.554	4179.656	48188.81	7170.215	3992.010

Sample Name: J1840-08LX5 Acquired: 3/9/2018 16:56:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM67L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555492	.0026884	1.128862	.0018409	.0032641	20.74304	.8372485
Stddev	.0016084	.0025495	.009446	.0039672	.0003718	.02441	.0017705
%RSD	2.895493	94.83618	.8367847	215.5054	11.38958	.1176910	.2114674

#1	.0573575	.0050768	1.122583	.0016575	.0028367	20.76986	.8352170
#2	.0542783	.0000036	1.124279	.0058965	.0034435	20.73715	.8384625
#3	.0550117	.0029846	1.139726	-.002031	.0035121	20.72212	.8380661

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048356	.0015475	27.28824	.0899892	.0451000	.2293373	149.0645
Stddev	.0002265	.0000659	.10582	.0011271	.0001375	.0028235	.0949
%RSD	4.682917	4.258301	.3877699	1.252502	.3049495	1.231171	.0636429

#1	.0046272	.0016214	27.17284	.0898910	.0450062	.2320999	149.0605
#2	.0048030	.0014950	27.31117	.0911622	.0450358	.2294555	149.1613
#3	.0050766	.0015260	27.38071	.0889144	.0452579	.2264565	148.9717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.282967	7.967432	.0455839	.0026221	.2218548	.1233935	1.162458
Stddev	.014249	.040067	.0001796	.0002834	.1029522	.0032349	.014389
%RSD	.2267808	.5028890	.3939407	10.80785	46.40523	2.621650	1.237847

#1	6.268187	7.958603	.0456750	.0023501	.1038774	.1271173	1.153584
#2	6.296617	7.932516	.0456997	.0026005	.2934989	.1212771	1.179061
#3	6.284096	8.011178	.0453770	.0029157	.2681881	.1217862	1.154731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.591702	1.787526	.0126217	.0032703	1.179533	.8623521	.3947675
Stddev	.047095	.005271	.0018973	.0002021	.005768	.0080736	.0037863
%RSD	2.958791	.2949021	15.03247	6.178866	.4889888	.9362287	.9591244

#1	1.627784	1.787962	.0146839	.0034508	1.173028	.8546560	.3917224
#2	1.538426	1.782050	.0122312	.0033082	1.184023	.8707565	.3935730
#3	1.608897	1.792566	.0109499	.0030520	1.181547	.8616436	.3990070

Sample Name: J1840-08LX5 Acquired: 3/9/2018 16:56:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM67L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2170488	.0241747	.0971552
Stddev	.0013555	.0006395	.0005704
%RSD	.6245073	2.645511	.5870762

#1	.2167915	.0239173	.0964981
#2	.2158404	.0249028	.0974449
#3	.2185145	.0237039	.0975226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.420	4072.968	45493.29	6566.346	4511.599
Stddev	12.795	27.570	252.90	32.528	26.559
%RSD	.6573587	.6769079	.5559048	.4953796	.5886874

#1	1954.770	4088.237	45448.78	6599.565	4526.631
#2	1931.689	4089.525	45265.60	6564.918	4527.234
#3	1952.800	4041.141	45765.49	6534.555	4480.933

Sample Name: J1840-11 Acquired: 3/9/2018 17:00:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2311176	-.001930	1.998261	.0073238	.0180454	79.68105	1.410839
Stddev	.0039312	.002991	.019121	.0022502	.0005145	.19046	.003093
%RSD	1.700937	154.9480	.9568855	30.72508	2.850960	.2390314	.2192382

#1	.2270659	-.005281	1.981197	.0080058	.0181383	79.76152	1.409987
#2	.2349160	-.000977	1.994658	.0091540	.0174908	79.46356	1.408262
#3	.2313711	.000468	2.018927	.0048114	.0185071	79.81807	1.414269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183681	.0060676	45.25378	.5790820	.1193863	.4099483	601.3537
Stddev	.0002755	.0003266	.11729	.0005324	.0014429	.0052061	1.1709
%RSD	1.499637	5.382433	.2591777	.0919446	1.208599	1.269934	.1947030

#1	.0180561	.0059001	45.36636	.5792235	.1179973	.4050684	601.4051
#2	.0185778	.0058588	45.26269	.5784931	.1192838	.4093480	600.1580
#3	.0184703	.0064440	45.13229	.5795294	.1208776	.4154285	602.4980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20654	11.51682	.1158299	.0081045	1.675405	.6772144	2.994607
Stddev	.01621	.05445	.0012768	.0003097	.051834	.0033289	.030523
%RSD	.1588526	.4727520	1.102310	3.821501	3.093824	.4915550	1.019274

#1	10.20096	11.51686	.1148933	.0083663	1.734244	.6795698	3.014876
#2	10.19385	11.46236	.1153121	.0081846	1.636484	.6734060	2.959502
#3	10.22481	11.57125	.1172842	.0077626	1.655487	.6786673	3.009444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.171708	5.848112	.0534401	.0119309	3.446305	2.645875	.1514869
Stddev	.148589	.062674	.0164805	.0005499	.030847	.028445	.0015757
%RSD	2.873113	1.071699	30.83915	4.608872	.8950889	1.075074	1.040182

#1	5.003621	5.871512	.0711537	.0117196	3.440050	2.613067	.1496834
#2	5.225939	5.777104	.0385602	.0115181	3.419064	2.663639	.1525972
#3	5.285563	5.895719	.0506064	.0125551	3.479800	2.660920	.1521802

Sample Name: J1840-11 Acquired: 3/9/2018 17:00:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM68 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8855606	.0861608	.3979462
Stddev	.0076176	.0009098	.0020868
%RSD	.8601997	1.055889	.5244053

#1	.8769583	.0853140	.3956293
#2	.8882718	.0860458	.3985308
#3	.8914516	.0871226	.3996783

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.732	4245.149	48231.38	7204.381	4211.636
Stddev	17.039	25.846	315.37	44.995	28.662
%RSD	.8337096	.6088330	.6538791	.6245462	.6805515

#1	2032.735	4252.182	48008.10	7249.403	4226.714
#2	2063.359	4266.750	48592.16	7204.327	4229.612
#3	2035.102	4216.514	48093.89	7159.413	4178.582

Sample Name: J1840-12 Acquired: 3/9/2018 17:04:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4048353	.0042236	3.267093	.0148260	.0186975	94.63127	2.731777
Stddev	.0069369	.0039585	.027976	.0022807	.0022008	.57711	.012635
%RSD	1.713510	93.72215	.8562870	15.38309	11.77071	.6098520	.4625236

#1	.3982250	.0080318	3.251771	.0152376	.0201465	95.29178	2.746224
#2	.4042227	.0045088	3.250126	.0168729	.0161650	94.22450	2.726320
#3	.4120582	.0001303	3.299383	.0123676	.0197810	94.37754	2.722788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212568	.0125693	63.52623	.5116992	.1888288	.5491959	692.6060
Stddev	.0001588	.0006353	.31424	.0004625	.0025335	.0018462	4.4592
%RSD	.7472374	5.054009	.4946581	.0903805	1.341704	.3361544	.6438361

#1	.0213423	.0120406	63.82702	.5114631	.1872206	.5507210	697.6206
#2	.0210735	.0123934	63.55160	.5122321	.1875165	.5471435	689.0863
#3	.0213546	.0132740	63.20008	.5114025	.1917492	.5497233	691.1111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.94876	13.79824	.1482649	.0105763	1.803013	.7253962	4.610396
Stddev	.15577	.10631	.0005026	.0005449	.240392	.0044404	.022266
%RSD	.7808675	.7704962	.3389954	5.151834	13.33279	.6121286	.4829431

#1	20.12163	13.89699	.1477060	.0111936	1.607452	.7294333	4.586746
#2	19.81929	13.68571	.1484090	.0103728	1.730192	.7206403	4.613488
#3	19.90535	13.81203	.1486797	.0101624	2.071396	.7261152	4.630954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.149537	7.540152	.0622028	.0176509	5.935379	3.972983	.3273369
Stddev	.018880	.063444	.0114235	.0000712	.053504	.011451	.0039867
%RSD	.3666389	.8414154	18.36498	.4032615	.9014363	.2882135	1.217921

#1	5.168129	7.531985	.0722233	.0176222	5.912872	3.981958	.3296268
#2	5.150100	7.481186	.0497636	.0177320	5.896806	3.976904	.3227335
#3	5.130382	7.607284	.0646216	.0175986	5.996460	3.960087	.3296505

Sample Name: J1840-12 Acquired: 3/9/2018 17:04:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM69 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.205301	.1078385	.4589640
Stddev	.006937	.0004147	.0008996
%RSD	.5755596	.3845304	.1960036

#1	1.213212	.1079595	.4599052
#2	1.202433	.1081792	.4588742
#3	1.200258	.1073768	.4581127

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.921	4281.661	48628.12	7145.532	4159.145
Stddev	10.581	23.487	194.97	17.519	25.833
%RSD	.5159253	.5485424	.4009434	.2451793	.6211230

#1	2058.140	4295.566	48791.65	7131.502	4174.608
#2	2055.848	4294.873	48680.35	7139.926	4173.505
#3	2038.775	4254.544	48412.35	7165.168	4129.322

Sample Name: J1840-13 Acquired: 3/9/2018 17:08:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1402921	.0106350	2.187006	.0058816	.0065273	102.3509	2.287731
Stddev	.0045818	.0004484	.001925	.0007075	.0019143	.3464	.012924
%RSD	3.265895	4.216477	.0879999	12.02892	29.32717	.3384882	.5649190

#1	.1357634	.0110633	2.188112	.0055301	.0084711	102.4125	2.289583
#2	.1401875	.0101689	2.188122	.0054187	.0064670	102.6625	2.299628
#3	.1449252	.0106729	2.184784	.0066960	.0046439	101.9778	2.273981

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174075	.0029255	36.38990	.5047552	.1818864	.2898558	515.6553
Stddev	.0001885	.0000830	.34906	.0015858	.0005836	.0021002	1.2745
%RSD	1.083066	2.836093	.9592266	.3141790	.3208530	.7245521	.2471578

#1	.0175805	.0028338	36.49979	.5060779	.1821119	.2875480	515.5735
#2	.0174355	.0029953	36.67079	.5029972	.1823235	.2916549	516.9687
#3	.0172066	.0029473	35.99912	.5051906	.1812237	.2903643	514.4236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.96200	10.12329	.1006317	.0066240	.9855069	.6021018	3.356728
Stddev	.06589	.04828	.0003748	.0002025	.0681434	.0040647	.027326
%RSD	.3300773	.4769113	.3724453	3.057338	6.914556	.6750871	.8140569

#1	19.91447	10.17902	.1010622	.0064019	.9124344	.6067903	3.376834
#2	20.03722	10.09675	.1003777	.0066717	1.047318	.5999446	3.367735
#3	19.93433	10.09411	.1004553	.0067985	.996768	.5995704	3.325616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.536847	3.470205	.0125008	.0094931	1.990580	2.561816	1.638262
Stddev	.058894	.034314	.0073591	.0002047	.018491	.026630	.003140
%RSD	3.832108	.9888230	58.86861	2.156176	.9289268	1.039507	.1916761

#1	1.601483	3.439587	.0047157	.0093177	1.969304	2.589584	1.635996
#2	1.486223	3.463734	.0134439	.0097180	1.999653	2.559373	1.636943
#3	1.522836	3.507294	.0193429	.0094436	2.002781	2.536491	1.641846

Sample Name: J1840-13 Acquired: 3/9/2018 17:08:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM70 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7398271	.0647695	.2187428
Stddev	.0049765	.0011410	.0007751
%RSD	.6726503	1.761699	.3543407

#1	.7394194	.0645296	.2189907
#2	.7449949	.0660114	.2193636
#3	.7350670	.0637674	.2178740

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.533	4472.526	50449.47	7232.428	4436.579
Stddev	20.883	6.248	341.51	26.026	3.735
%RSD	.9701438	.1396888	.6769367	.3598499	.0841783

#1	2128.420	4476.587	50056.25	7204.918	4439.096
#2	2164.486	4465.332	50671.85	7235.707	4432.288
#3	2164.692	4475.659	50620.31	7256.659	4438.353

Sample Name: PB107081BS Acquired: 3/9/2018 17:12:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223007	.0553485	.0202265	.0762778	.1176589	.4053262
Stddev	.0018590	.0014226	.0015941	.0023746	.0008865	.0078314
%RSD	8.336211	2.570235	7.881252	3.113159	.7534781	1.932109

#1	.0205320	.0544643	.0201019	.0765268	.1177816	.4005420
#2	.0242386	.0545917	.0218792	.0737885	.1184777	.4143639
#3	.0221316	.0569895	.0186983	.0785182	.1167174	.4010727

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3984178	.0108705	.0108286	10.71979	.0230555	.1020861
Stddev	.0026517	.0001053	.0001843	.06535	.0005887	.0004533
%RSD	.6655550	.9683663	1.701843	.6096664	2.553594	.4440464

#1	.3989313	.0109802	.0106369	10.74550	.0226287	.1018113
#2	.4007751	.0108610	.0108447	10.76838	.0237272	.1018376
#3	.3955469	.0107703	.0110044	10.64549	.0228107	.1026093

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542785	.2370565	.0322719	9.992400	.0846396	.0197998
Stddev	.0011715	.0206884	.0004447	.081803	.0002948	.0002319
%RSD	2.158378	8.727198	1.377917	.8186514	.3482846	1.171231

#1	.0535901	.2461496	.0327361	10.08657	.0846501	.0197116
#2	.0536142	.2516410	.0322300	9.95165	.0843397	.0196250
#3	.0556312	.2133789	.0318497	9.93897	.0849290	.0200629

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.822140	.1016602	.1110831	10.45000	F .0264672	F .0162383
Stddev	.200171	.0058322	.0022734	.10714	.0006959	.0005711
%RSD	2.037958	5.736928	2.046613	1.025281	2.629408	3.516787

#1	9.595029	.1037968	.1087457	10.53832	.0259914	.0168614
#2	9.972895	.0950611	.1132867	10.48087	.0272660	.0157398
#3	9.898497	.1061228	.1112169	10.33081	.0261444	.0161137

Sample Name: PB107081BS Acquired: 3/9/2018 17:12:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215434	.2021497	.1860040	F .0154891	.2101360	.1062589
Stddev	.0000609	.0046362	.0006779	.0003446	.0026491	.0005955
%RSD	.2828926	2.293440	.3644609	2.224923	1.260643	.5604350

#1	.0215166	.1971997	.1867862	.0150923	.2093747	.1056836
#2	.0215004	.2028589	.1855875	.0157132	.2130824	.1068728
#3	.0216131	.2063904	.1856382	.0156619	.2079510	.1062203

Elem	Sr4077
Units	ppm
Avg	.2143019
Stddev	.0019188
%RSD	.8953473

#1	.2156320
#2	.2151713
#3	.2121024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.254	4096.220	45451.68	6526.575	4768.905
Stddev	17.215	17.866	215.24	49.840	27.721
%RSD	.8786443	.4361682	.4735527	.7636428	.5812953

#1	1941.821	4109.259	45203.19	6484.704	4784.797
#2	1976.242	4103.546	45571.71	6513.319	4785.024
#3	1959.699	4075.855	45580.13	6581.703	4736.896

Sample Name: J1840-08 Acquired: 3/9/2018 17:18:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2528151	.0111325	5.432936	.0092299	.0150841	93.49023	3.770209
Stddev	.0022233	.0011756	.072894	.0003782	.0011102	1.16542	.041476
%RSD	.8794185	10.56022	1.341702	4.097647	7.359755	1.246568	1.100097

#1	.2518068	.0124425	5.366871	.0089246	.0143058	93.47142	3.776654
#2	.2553639	.0107854	5.420800	.0096530	.0163553	94.66494	3.808085
#3	.2512745	.0101694	5.511135	.0091121	.0145911	92.33433	3.725888

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201980	.0116565	117.7677	.3779940	.2227028	1.025651	638.8805
Stddev	.0002368	.0007955	1.3366	.0030619	.0026996	.012298	7.9540
%RSD	1.172313	6.824328	1.134915	.8100500	1.212196	1.199069	1.244990

#1	.0201401	.0113868	117.8948	.3809466	.2202460	1.018942	638.7175
#2	.0204584	.0110309	119.0361	.3748333	.2222697	1.039845	646.9147
#3	.0199956	.0125518	116.3721	.3782020	.2255928	1.018167	631.0092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.70862	34.36788	.2229322	.0097143	2.404719	.5331953	5.395938
Stddev	.33333	.37172	.0034883	.0002339	.177436	.0098996	.031090
%RSD	1.248029	1.081589	1.564741	2.407423	7.378651	1.856646	.5761722

#1	26.70528	34.45289	.2192421	.0099739	2.609589	.5310303	5.370844
#2	27.04360	34.68973	.2233787	.0096490	2.304463	.5439981	5.430718
#3	26.37697	33.96102	.2261757	.0095201	2.300107	.5245574	5.386251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.043490	9.048539	.0535618	.0148600	5.870572	3.621097	1.966694
Stddev	.110887	.208783	.0124556	.0006178	.114366	.054041	.030312
%RSD	1.574317	2.307370	23.25456	4.157184	1.948129	1.492381	1.541266

#1	7.056126	8.855943	.0395437	.0141924	5.784338	3.639489	1.940578
#2	7.147518	9.019256	.0633567	.0149761	5.827073	3.663541	1.959571
#3	6.926826	9.270418	.0577851	.0154114	6.000306	3.560261	1.999933

Sample Name: J1840-08 Acquired: 3/9/2018 17:18:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM67 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9608513	.1037184	.4319800
Stddev	.0073830	.0011180	.0033972
%RSD	.7683825	1.077942	.7864317

#1	.9660931	.1042878	.4327778
#2	.9640530	.1044370	.4349073
#3	.9524079	.1024303	.4282548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.623	4323.673	49570.78	7309.870	4152.193
Stddev	18.521	38.292	167.65	47.704	50.934
%RSD	.8893166	.8856308	.3382071	.6526036	1.226674

#1	2095.340	4354.299	49675.81	7321.182	4199.125
#2	2061.373	4335.980	49377.43	7257.527	4159.425
#3	2091.155	4280.741	49659.10	7350.902	4098.030

Sample Name: CCV028 Acquired: 3/9/2018 17:29:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.035805	4.907556	24.88994	5.231736	4.941538	374.3600	9.688856
Stddev	.039764	.051723	.13938	.032463	.024875	1.5390	.051749
%RSD	.7896185	1.053949	.5599815	.6204961	.5033787	.4111025	.5341126

#1	5.013597	4.902224	24.84735	5.225186	4.924330	375.4032	9.707490
#2	5.012106	4.858705	24.77682	5.203048	4.930225	375.0843	9.728708
#3	5.081712	4.961738	25.04564	5.266974	4.970058	372.5924	9.630370

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4829184	2.527957	379.4572	15.22627	2.513444	14.92598	379.2029
Stddev	.0048114	.017445	1.1564	.04429	.012752	.04616	.6180
%RSD	.9963173	.6900827	.3047494	.2909078	.5073456	.3092294	.1629837

#1	.4884732	2.522775	378.4100	15.20161	2.510252	14.97842	378.7729
#2	.4802288	2.513691	379.2632	15.27741	2.502590	14.89153	378.9246
#3	.4800532	2.547407	380.6983	15.19981	2.527488	14.90800	379.9111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.06634	374.5487	2.525301	1.261143	379.8235	2.343947	14.39619
Stddev	.05310	1.2553	.013611	.005030	.9811	.011384	.33612
%RSD	.3774746	.3351448	.5390018	.3988250	.2583037	.4856633	2.334805

#1	14.03644	373.5704	2.519054	1.256867	379.8158	2.331734	14.15660
#2	14.03494	374.1117	2.515934	1.259877	380.8084	2.345845	14.25154
#3	14.12764	375.9641	2.540915	1.266684	378.8463	2.354263	14.78042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.6537	5.067328	4.757186	5.040778	5.328851	4.579817	5.079538
Stddev	.4870	.045630	.037042	.031071	.056956	.050255	.037004
%RSD	.3190455	.9004808	.7786586	.6163894	1.068817	1.097305	.7284815

#1	153.1834	5.076743	4.799707	5.026319	5.322339	4.637786	5.075800
#2	152.5523	5.017725	4.739939	5.019571	5.275431	4.548542	5.044546
#3	152.2253	5.107517	4.731912	5.076443	5.388782	4.553124	5.118269

Sample Name: CCV028 Acquired: 3/9/2018 17:29:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.135325	5.292008	5.283870
Stddev	.006105	.023289	.015245
%RSD	.1188769	.4400873	.2885144

#1	5.128722	5.301373	5.285878
#2	5.136489	5.309157	5.267720
#3	5.140763	5.265493	5.298011

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1545.330	3259.199	38209.60	5841.302	3422.862
Stddev	14.943	8.431	234.37	44.489	9.339
%RSD	.9669647	.2586874	.6133906	.7616315	.2728352

#1	1560.102	3265.902	38479.60	5798.850	3426.902
#2	1545.667	3261.963	38090.56	5837.475	3429.501
#3	1530.222	3249.733	38058.63	5887.581	3412.184

Sample Name: CCB028 Acquired: 3/9/2018 17:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002451	-.000574	-.000271	.0009945	-.000924	.0071691	-.001400
Stddev	.0011200	.001546	.000925	.0017462	.000817	.0086886	.000516
%RSD	456.8943	269.3151	341.9222	175.5783	88.38576	121.1960	36.86189

#1	.0010055	.000076	-.001145	-.000825	-.001868	.0032380	-.001798
#2	.0007709	-.002339	-.000366	.002657	-.000434	.0171285	-.001587
#3	-.001041	.000541	.000699	.001152	-.000471	.0011407	-.000817

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001160	.0000205	.0113157	-.000041	.0000536	-.000451	.0003832
Stddev	.0000239	.0000394	.0056824	.000350	.0002241	.001420	.0087907
%RSD	20.64286	191.9560	50.21639	856.3267	418.2205	314.7891	2294.068

#1	.0001075	.0000137	.0048738	.000356	-.000128	-.000657	.0088962
#2	.0001431	-.000015	.0134571	-.000305	-.000016	-.001757	-.008661
#3	.0000975	.000063	.0156163	-.000174	.000304	.001061	.000914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000276	.0501134	-.000182	.0005188	-.272456	-.003670	-.000411
Stddev	.000332	.0196362	.000164	.0003505	.109840	.001827	.002358
%RSD	120.2417	39.18343	90.10909	67.55132	40.31493	49.79240	573.2797

#1	-.000138	.0315577	-.000366	.0007108	-.219701	-.001852	-.002863
#2	-.000655	.0481066	-.000124	.0001143	-.398721	-.005507	.001840
#3	-.000036	.0706759	-.000055	.0007314	-.198945	-.003652	-.000211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1370550	-.002179	.0012319	-.000118	.0058662	-.003290	-.000067
Stddev	.1007474	.002013	.0006521	.000120	.0009331	.000249	.000330
%RSD	73.50874	92.38247	52.93028	101.5524	15.90564	7.583226	494.8031

#1	.2506915	-.001099	.0019236	-.000200	.0047896	-.003208	-.000001
#2	.1018030	-.000937	.0006284	-.000175	.0063692	-.003091	.000226
#3	.0586705	-.004502	.0011439	.000020	.0064398	-.003570	-.000425

Sample Name: CCB028 Acquired: 3/9/2018 17:32:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB028 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000279	.0024366	.0000548
Stddev	.001427	.0017489	.0000972
%RSD	511.1130	71.77867	177.3604

#1	.001339	.0043306	.0001099
#2	-.000820	.0008828	.0001120
#3	-.001358	.0020962	-.000057

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.339	4135.223	45430.80	6410.676	4923.367
Stddev	6.443	16.284	37.88	10.923	23.525
%RSD	.3300056	.3937914	.0833826	.1703893	.4778143

#1	1958.706	4127.576	45446.44	6404.768	4915.449
#2	1945.823	4153.923	45458.36	6423.281	4949.829
#3	1952.489	4124.170	45387.60	6403.980	4904.823

Sample Name: J1840-18 Acquired: 3/9/2018 17:37:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDA85 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1056244	-.000257	.8187146	.0061036	.0016176	59.43448	.9481577
Stddev	.0023254	.000467	.0065124	.0011061	.0007885	.21341	.0018313
%RSD	2.201541	181.4861	.7954434	18.12264	48.74560	.3590676	.1931379

#1	.1077235	.000103	.8147054	.0072472	.0007252	59.58849	.9502104
#2	.1031248	-.000091	.8152095	.0050392	.0019071	59.19088	.9466917
#3	.1060249	-.000785	.8262288	.0060244	.0022204	59.52407	.9475711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070937	.0013799	14.10640	.2273735	.0588982	.1158392	181.7119
Stddev	.0000627	.0000915	.04091	.0008214	.0003896	.0017129	.4308
%RSD	.8846348	6.632831	.2900267	.3612450	.6614722	1.478719	.2370547

#1	.0070461	.0013967	14.07018	.2283181	.0586484	.1177874	182.0783
#2	.0071648	.0012811	14.09824	.2268278	.0586992	.1151613	181.2374
#3	.0070702	.0014618	14.15078	.2269745	.0593472	.1145690	181.8199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.473573	3.089100	.0503491	.0027673	.3043442	.2173406	1.050006
Stddev	.005967	.022930	.0004672	.0000866	.1750123	.0022458	.008224
%RSD	.2412204	.7422853	.9279065	3.130935	57.50471	1.033329	.7832588

#1	2.479242	3.064418	.0502438	.0026733	.4083164	.2158563	1.057909
#2	2.474130	3.109740	.0499436	.0027846	.4024302	.2162411	1.041494
#3	2.467347	3.093142	.0508600	.0028440	.1022860	.2199243	1.050615

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8727087	4.433736	.0157272	.0060128	1.764790	1.719124	.2985740
Stddev	.0926681	.044470	.0035267	.0002401	.013434	.015191	.0036057
%RSD	10.61845	1.002981	22.42395	3.992757	.7612077	.8836487	1.207628

#1	.8969426	4.402561	.0175565	.0057567	1.758288	1.731190	.2950288
#2	.7703315	4.413987	.0179632	.0060487	1.755844	1.702065	.2984560
#3	.9508521	4.484659	.0116617	.0062329	1.780237	1.724116	.3022372

Sample Name: J1840-18 Acquired: 3/9/2018 17:37:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDA85 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3907026	.0464508	.1319887
Stddev	.0005116	.0003177	.0003999
%RSD	.1309323	.6839960	.3029890

#1	.3902195	.0462804	.1319989
#2	.3912385	.0468174	.1315838
#3	.3906497	.0462547	.1323835

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.915	4316.245	48697.08	6972.542	4565.670
Stddev	8.617	17.398	145.89	24.193	24.823
%RSD	.4138956	.4030863	.2995965	.3469799	.5436986

#1	2073.433	4324.969	48529.59	6966.358	4575.534
#2	2090.661	4327.556	48796.49	6999.228	4584.045
#3	2081.650	4296.211	48765.16	6952.041	4537.430

Sample Name: J1840-19 Acquired: 3/9/2018 17:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDA86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1543344	.0017917	3.143373	.0070179	.0064776	63.03271	2.515525
Stddev	.0005140	.0026704	.020815	.0049717	.0032776	.09569	.002450
%RSD	.3330235	149.0374	.6621805	70.84243	50.59907	.1518036	.0974080

#1	.1548226	-.001219	3.160503	.0097856	.0050252	62.98093	2.518035
#2	.1537980	.003873	3.120207	.0012783	.0102304	63.14313	2.515401
#3	.1543827	.002721	3.149409	.0099897	.0041771	62.97408	2.513139

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089113	.0111276	52.53343	.2059302	.0681975	.6008452	212.8029
Stddev	.0001118	.0001781	.07463	.0001921	.0002575	.0021713	.2438
%RSD	1.253984	1.600860	.1420713	.0932974	.3776439	.3613660	.1145730

#1	.0090398	.0112284	52.61886	.2061085	.0684703	.5992570	212.6312
#2	.0088371	.0109219	52.50057	.2057267	.0679587	.5999592	213.0820
#3	.0088570	.0112325	52.48086	.2059553	.0681633	.6033193	212.6955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.429892	7.140808	.1022503	.0053723	.4137642	.2286231	4.057911
Stddev	.007851	.023834	.0007439	.0001877	.0471748	.0024140	.019986
%RSD	.2289025	.3337670	.7275345	3.493634	11.40136	1.055892	.4925098

#1	3.432587	7.124467	.1024800	.0051580	.3630531	.2283839	4.080983
#2	3.436041	7.129800	.1014187	.0055076	.4563460	.2311477	4.045932
#3	3.421048	7.168156	.1028523	.0054513	.4218934	.2263375	4.046819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.252417	15.76503	.0333564	.0104806	4.778532	1.772447	.2263680
Stddev	.072364	.28548	.0063303	.0003735	.072902	.009003	.0037885
%RSD	2.224942	1.810820	18.97764	3.563612	1.525607	.5079702	1.673596

#1	3.169373	16.01180	.0324122	.0106003	4.835726	1.775318	.2300313
#2	3.301964	15.45237	.0401058	.0100619	4.696444	1.762358	.2224657
#3	3.285913	15.83093	.0275513	.0107795	4.803426	1.779665	.2266070

Sample Name: J1840-19 Acquired: 3/9/2018 17:41:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDA86 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8015817	.0740217	.3429365
Stddev	.0034899	.0012730	.0008003
%RSD	.4353763	1.719721	.2333640

#1	.8000906	.0726317	.3422863
#2	.7990851	.0751306	.3426929
#3	.8055695	.0743029	.3438303

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.444	4227.355	47525.53	6786.408	4454.946
Stddev	16.658	23.508	258.71	12.407	31.298
%RSD	.8224491	.5561015	.5443685	.1828157	.7025339

#1	2011.387	4206.591	47262.23	6783.709	4429.594
#2	2021.101	4252.879	47534.94	6799.943	4489.926
#3	2043.844	4222.594	47779.41	6775.574	4445.317

Sample Name: J1840-20 Acquired: 3/9/2018 17:45:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDA87 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1159828	.0004576	.6808840	.0095386	.0070596	100.8308	.8519282
Stddev	.0013545	.0015341	.0037615	.0005274	.0026687	.3483	.0013103
%RSD	1.167804	335.2715	.5524480	5.528742	37.80267	.3454751	.1538054

#1	.1148309	.0017921	.6793823	.0090112	.0099617	100.4292	.8519194
#2	.1156424	-.001218	.6781054	.0095386	.0047110	101.0504	.8532429
#3	.1174749	.000799	.6851644	.0100659	.0065062	101.0129	.8506223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085500	-.000267	20.71664	.2434568	.0799670	.1250540	296.3632
Stddev	.0001017	.000081	.08678	.0013055	.0005503	.0024447	.8022
%RSD	1.189669	30.18682	.4189008	.5362209	.6881905	1.954903	.2706887

#1	.0085661	-.000352	20.69750	.2442474	.0794342	.1271345	295.4400
#2	.0084412	-.000191	20.81139	.2441730	.0799336	.1223614	296.7579
#3	.0086427	-.000258	20.64102	.2419500	.0805333	.1256661	296.8915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.910638	7.938742	.0564671	.0037074	.5206013	.3542242	1.586295
Stddev	.004532	.049137	.0003674	.0001093	.0501431	.0039212	.009778
%RSD	.1158821	.6189484	.6506794	2.947910	9.631761	1.106991	.6163834

#1	3.905812	7.891261	.0560580	.0037951	.5676734	.3534498	1.596712
#2	3.914802	7.935585	.0567690	.0035850	.5262627	.3507480	1.577317
#3	3.911299	7.989382	.0565742	.0037421	.4678678	.3584749	1.584856

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6425894	1.989556	.0144312	.0096536	2.190521	2.180737	.0187812
Stddev	.0439127	.017668	.0041484	.0003460	.012439	.009366	.0005154
%RSD	6.833711	.8880471	28.74582	3.583943	.5678749	.4295085	2.744183

#1	.6004030	1.969767	.0118500	.0095061	2.186295	2.184085	.0182214
#2	.6393195	1.995155	.0192163	.0094059	2.180745	2.170157	.0188862
#3	.6880456	2.003747	.0122271	.0100489	2.204523	2.187970	.0192360

Sample Name: J1840-20 Acquired: 3/9/2018 17:45:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDA87 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3383318	.0741953	.0982190
Stddev	.0012887	.0010384	.0003532
%RSD	.3809085	1.399520	.3596399

#1	.3395835	.0748775	.0986269
#2	.3370089	.0730003	.0980179
#3	.3384031	.0747081	.0980122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.969	4190.964	47006.11	6800.425	4455.380
Stddev	13.130	22.155	43.12	15.332	30.360
%RSD	.6532429	.5286323	.0917297	.2254613	.6814288

#1	2000.461	4205.749	47015.36	6785.881	4473.978
#2	2024.950	4201.651	46959.12	6816.439	4471.817
#3	2004.496	4165.491	47043.85	6798.954	4420.345

Sample Name: J1840-21 Acquired: 3/9/2018 17:49:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDA88 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0952407	.0001452	1.189894	.0064500	.0044811	64.77388	1.009275
Stddev	.0015859	.0014004	.016024	.0010356	.0021521	.25819	.002290
%RSD	1.665136	964.2709	1.346636	16.05618	48.02611	.3985969	.2268506

#1	.0935328	.0010776	1.180155	.0076228	.0062591	64.85797	1.008869
#2	.0955226	.0008231	1.181139	.0056612	.0050955	64.48413	1.007215
#3	.0966667	-.001465	1.208388	.0060660	.0020886	64.97954	1.011740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078338	.0043896	26.59572	.2217244	.0569822	.1635079	185.4975
Stddev	.0001175	.0001613	.07126	.0013606	.0003098	.0025797	.3464
%RSD	1.500006	3.674893	.2679528	.6136613	.5437477	1.577746	.1867503

#1	.0078795	.0045013	26.65444	.2216983	.0567252	.1637261	185.7775
#2	.0079216	.0042047	26.61630	.2230979	.0568951	.1659717	185.1101
#3	.0077003	.0044629	26.51644	.2203770	.0573262	.1608260	185.6049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.534134	6.021662	.0583288	.0030467	.8237687	.2168619	2.728562
Stddev	.008836	.047288	.0003353	.0003715	.1472676	.0061537	.030796
%RSD	.3486660	.7852951	.5749376	12.19477	17.87730	2.837614	1.128648

#1	2.543718	6.047084	.0581758	.0034275	.7562496	.2201183	2.741104
#2	2.526312	5.967101	.0580972	.0030275	.9926898	.2097642	2.751108
#3	2.532372	6.050802	.0587134	.0026852	.7223668	.2207031	2.693475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.062640	2.158640	.0155845	.0081616	1.718101	1.929290	.0555088
Stddev	.020444	.022634	.0037143	.0004392	.019004	.016304	.0002695
%RSD	32.63773	1.048532	23.83327	5.381774	1.106098	.8450984	.4854627

#1	-.039995	2.154747	.0149215	.0077420	1.704654	1.924316	.0554365
#2	-.079740	2.138205	.0122463	.0081246	1.709806	1.947502	.0552829
#3	-.068185	2.182968	.0195856	.0086181	1.739842	1.916051	.0558071

Sample Name: J1840-21 Acquired: 3/9/2018 17:49:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDA88 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3860569	.0452019	.1242985
Stddev	.0020958	.0010858	.0003902
%RSD	.5428851	2.402187	.3138794

#1	.3875084	.0443950	.1242997
#2	.3870081	.0447742	.1246880
#3	.3836541	.0464365	.1239077

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.768	4367.899	48988.94	7056.673	4645.856
Stddev	9.978	25.354	161.91	16.878	34.897
%RSD	.4758834	.5804609	.3305103	.2391803	.7511527

#1	2096.389	4373.860	48834.85	7038.292	4662.100
#2	2086.985	4389.742	48974.29	7060.255	4669.670
#3	2106.930	4340.096	49157.68	7071.473	4605.798

Sample Name: J1840-22 Acquired: 3/9/2018 17:53:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDA89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0802450	-.000742	1.273039	.0036520	.0056156	61.50536	1.128345
Stddev	.0030062	.002711	.003567	.0005579	.0020846	.32979	.002743
%RSD	3.746238	365.3173	.2801881	15.27729	37.12090	.5361956	.2431116

#1	.0829262	-.003745	1.269667	.0042414	.0047200	61.88228	1.130513
#2	.0808137	-.000004	1.272677	.0031321	.0041285	61.26991	1.125261
#3	.0769951	.001523	1.276773	.0035824	.0079983	61.36389	1.129259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067667	.0052640	161.1827	.1478633	.0603153	.3017351	149.4020
Stddev	.0001070	.0001154	.6164	.0007772	.0002886	.0019826	.7992
%RSD	1.581485	2.191393	.3824293	.5256329	.4785088	.6570697	.5349120

#1	.0067002	.0052650	161.8290	.1483309	.0605917	.2995803	150.2880
#2	.0068902	.0053789	160.6013	.1482928	.0603385	.3034822	148.7356
#3	.0067098	.0051482	161.1178	.1469661	.0600158	.3021428	149.1824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.588472	78.00132	.0603478	.0027818	.5978010	.1767049	2.797500
Stddev	.013487	.56925	.0003188	.0002858	.0453408	.0027900	.030232
%RSD	.5210430	.7297905	.5282038	10.27375	7.584601	1.578914	1.080669

#1	2.601607	78.57827	.0601358	.0031107	.6294530	.1734938	2.767416
#2	2.574658	77.44010	.0601932	.0026406	.5458585	.1780845	2.827877
#3	2.589151	77.98559	.0607143	.0025940	.6180915	.1785363	2.797209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4612558	2.400896	.0126848	.0077096	2.136410	2.442423	.0761789
Stddev	.0340341	.006808	.0009885	.0002103	.007311	.013405	.0008454
%RSD	7.378577	.2835644	7.792564	2.727835	.3422004	.5488515	1.109772

#1	.4221087	2.407853	.0124499	.0075097	2.141801	2.457861	.0762099
#2	.4838213	2.394248	.0118350	.0079289	2.128089	2.435688	.0770084
#3	.4778373	2.400585	.0137696	.0076901	2.139340	2.433721	.0753184

Sample Name: J1840-22 Acquired: 3/9/2018 17:53:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDA89 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4127744	.0564190	.1899150
Stddev	.0083347	.0008201	.0004512
%RSD	2.019201	1.453681	.2375640

#1	.4047782	.0558319	.1895651
#2	.4121343	.0560691	.1897556
#3	.4214108	.0573561	.1904242

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.730	4156.239	46773.31	6873.643	4311.050
Stddev	4.620	11.706	113.57	23.405	7.722
%RSD	.2333527	.2816490	.2428036	.3405055	.1791145

#1	1980.794	4163.784	46865.60	6886.101	4319.459
#2	1974.671	4142.754	46646.49	6846.644	4304.277
#3	1983.725	4162.179	46807.86	6888.184	4309.414

Sample Name: J1840-23 Acquired: 3/9/2018 17:57:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDA90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1031623	.0003974	.8697956	.0078258	.0072734	80.98317	1.356252
Stddev	.0006545	.0013421	.0068460	.0029923	.0004205	2.45860	.041554
%RSD	.6343938	337.6821	.7870793	38.23625	5.781928	3.035941	3.063878

#1	.1029492	.0003984	.8775908	.0043837	.0075746	79.64916	1.333370
#2	.1038967	.0017391	.8670352	.0098066	.0067929	79.47992	1.331169
#3	.1026409	-.000945	.8647608	.0092872	.0074526	83.82044	1.404218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096743	.0048374	24.38542	.2156629	.0825704	.3481691	193.5481
Stddev	.0002849	.0003142	.74379	.0015699	.0006613	.0132581	5.9279
%RSD	2.944464	6.495853	3.050148	.7279531	.8008429	3.807954	3.062740

#1	.0095689	.0051606	24.00878	.2168604	.0833339	.3401838	190.1007
#2	.0094572	.0048188	23.90529	.2138855	.0821844	.3408501	190.1506
#3	.0099969	.0045329	25.24220	.2162428	.0821928	.3634734	200.3929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.933872	4.523218	.1014099	.0055319	.6035597	.2300910	1.749634
Stddev	.092907	.150860	.0013988	.0003198	.1487031	.0097226	.010713
%RSD	3.166712	3.335235	1.379389	5.781481	24.63767	4.225550	.6123019

#1	2.880622	4.442114	.1029257	.0056083	.6374334	.2225885	1.737889
#2	2.879843	4.430258	.1011353	.0051809	.7324036	.2266095	1.752142
#3	3.041151	4.697282	.1001688	.0058067	.4408421	.2410751	1.758870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.003299	6.306212	.0204368	.0124929	4.324249	2.377372	.0480596
Stddev	.184831	.100101	.0024971	.0001865	.051027	.083804	.0004091
%RSD	18.42228	1.587341	12.21848	1.492857	1.180012	3.525069	.8512307

#1	.855468	6.411789	.0182531	.0123005	4.381841	2.324064	.0475880
#2	.943902	6.294172	.0198979	.0126729	4.306227	2.334084	.0483193
#3	1.210525	6.212676	.0231593	.0125054	4.284678	2.473967	.0482715

Sample Name: J1840-23 Acquired: 3/9/2018 17:57:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDA90 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5423195	.0698351	.2794362
Stddev	.0171351	.0035884	.0092688
%RSD	3.159589	5.138330	3.316969

#1	.5340584	.0677359	.2739509
#2	.5308801	.0677910	.2742199
#3	.5620201	.0739785	.2901377

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.727	4418.348	49517.23	6877.821	4649.966
Stddev	12.775	29.665	266.82	199.682	34.865
%RSD	.6049619	.6714018	.5388521	2.903271	.7497920

#1	2108.216	4384.251	49320.68	6966.527	4610.256
#2	2125.891	4432.564	49820.98	7017.781	4664.087
#3	2101.075	4438.230	49410.03	6649.155	4675.556

Sample Name: PB107081TB Acquired: 3/9/2018 18:01:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001300	-.000969	-.000243	-.002090	-.000806	.1328411
Stddev	.000826	.001186	.001113	.002539	.001001	.0039762
%RSD	63.57638	122.4335	457.8609	121.5169	124.2550	2.993200

#1	-.002119	-.002331	-.000542	.000539	-.001896	.1288436
#2	-.001314	-.000403	.000989	-.002280	-.000594	.1328841
#3	-.000467	-.000171	-.001176	-.004529	.000073	.1367956

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001229	.0001199	.0000117	.3860915	.0062263	.0003510
Stddev	.000200	.0000634	.0000755	.0099742	.0004518	.0001279
%RSD	16.30729	52.85788	643.9041	2.583368	7.256145	36.42918

#1	-.001340	.0000639	.0000316	.3797632	.0060402	.0002323
#2	-.000997	.0001887	-.000072	.3975892	.0067414	.0003342
#3	-.001348	.0001071	.000075	.3809220	.0058973	.0004864

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014690	F .5350877	.0035881	F 1.099248	.0182015	.0005864
Stddev	.0005201	.0045633	.0004519	.030925	.0004657	.0003394
%RSD	35.40262	.8528064	12.59493	2.813253	2.558378	57.87722

#1	.0020409	.5402719	.0031302	1.103613	.0177743	.0002451
#2	.0010244	.5333120	.0036002	1.066373	.0186979	.0005902
#3	.0013418	.5316792	.0040338	1.127759	.0181323	.0009238

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1155.251	-.001544	.0074810	.1040235	-.001581	-.003799
Stddev	9.841	.001582	.0024945	.0266089	.000684	.000705
%RSD	.8518518	102.4595	33.34456	25.57972	43.23371	18.56442

#1	1160.669	-.002307	.0062867	.0920578	-.002008	-.004607
#2	1143.891	-.002600	.0058081	.1345145	-.000793	-.003307
#3	1161.192	.000275	.0103481	.0854982	-.001943	-.003484

Sample Name: PB107081TB Acquired: 3/9/2018 18:01:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043141	.0259689	.0006293	.0014955	.0015143	.0078841
Stddev	.0000223	.0031588	.0006572	.0009203	.0008311	.0012829
%RSD	.5174818	12.16379	104.4271	61.53499	54.88467	16.27186

#1	.0043348	.0296089	.0002520	.0005006	.0011352	.0080577
#2	.0042904	.0243500	.0002478	.0023162	.0024674	.0065232
#3	.0043172	.0239477	.0013882	.0016698	.0009404	.0090713

Elem	Sr4077
Units	ppm
Avg	.0003916
Stddev	.0000300
%RSD	7.664020

#1	.0004243
#2	.0003848
#3	.0003655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1781.249	3722.054	39631.67	6254.749	3835.416
Stddev	11.370	10.129	121.74	2.074	15.675
%RSD	.6383286	.2721287	.3071852	.0331631	.4086989

#1	1788.923	3729.536	39729.64	6257.129	3850.534
#2	1786.638	3726.098	39670.00	6253.320	3836.476
#3	1768.186	3710.528	39495.38	6253.800	3819.237

Sample Name: PB107202BL Acquired: 3/9/2018 18:05:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000494	.0000419	-.001357	.0005232	-.001640	-.002123	-.001950
Stddev	.0013005	.0004436	.000636	.0010149	.000395	.002289	.000311
%RSD	2633.520	1058.609	46.89320	194.0040	24.08888	107.8391	15.93038

#1	-.000279	.0004812	-.000706	.0014501	-.001810	.000466	-.002308
#2	.001483	-.000406	-.001388	-.000561	-.001923	-.002956	-.001755
#3	-.001055	.000050	-.001978	.000681	-.001189	-.003878	-.001787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001052	-.000047	.0078970	.0003156	-.000053	.0007183	.0005080
Stddev	.0000084	.000032	.0018538	.0005767	.000110	.0009557	.0064275
%RSD	7.957903	67.67082	23.47498	182.7499	208.6278	133.0575	1265.249

#1	.0001108	-.000084	.0057583	.0009011	-.000124	.0007457	-.003080
#2	.0000956	-.000025	.0090448	.0002977	.000074	.0016600	.007928
#3	.0001093	-.000032	.0088879	-.000252	-.000108	-.000251	-.003325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000296	.0195032	-.000143	.0005644	-.395695	.0007305	-.001037
Stddev	.000185	.0188687	.000085	.0000446	.092469	.0011289	.004159
%RSD	62.40411	96.74672	59.27584	7.909841	23.36881	154.5347	401.0701

#1	-.000478	.0260323	-.000101	.0005983	-.482530	.0010985	-.005596
#2	-.000109	-.001763	-.000241	.0005138	-.298469	-.000536	.002549
#3	-.000300	.034240	-.000088	.0005809	-.406086	.001630	-.000064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024089	-.003065	-.004693	.0000581	.0044161	-.005148	.0004973
Stddev	.0601440	.001979	.000924	.0002130	.0011060	.000693	.0007107
%RSD	2496.763	64.55760	19.67878	366.5608	25.04344	13.45936	142.9184

#1	.0695192	-.004914	-.005307	.0001884	.0032546	-.005592	.0010597
#2	-.015672	-.000978	-.003631	.0001736	.0054565	-.005502	-.000301
#3	-.046621	-.003302	-.005141	-.000188	.0045373	-.004349	.000734

Sample Name: PB107202BL Acquired: 3/9/2018 18:05:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005573	.0035316	-.000048
Stddev	.0004215	.0005527	.000044
%RSD	75.62913	15.65184	92.63827

#1	.0004820	.0038989	-.000019
#2	.0001786	.0037999	-.000026
#3	.0010114	.0028959	-.000099

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.401	4152.629	46374.91	6533.407	4950.037
Stddev	7.944	34.127	107.53	41.788	37.783
%RSD	.3969059	.8218066	.2318794	.6396068	.7632838

#1	2004.904	4163.396	46416.18	6508.173	4968.833
#2	2006.991	4180.073	46455.70	6510.405	4974.736
#3	1992.308	4114.417	46252.86	6581.642	4906.543

Sample Name: J1729-01 Acquired: 3/9/2018 18:09:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044892	-.001210	.0046276	.0058352	-.002018	.9086627	.1916055
Stddev	.0003952	.000699	.0008130	.0008022	.000832	.0114789	.0014236
%RSD	8.802571	57.77427	17.56967	13.74830	41.21004	1.263269	.7429596

#1	.0046991	-.000445	.0055584	.0058568	-.001064	.9190912	.1909477
#2	.0047351	-.001369	.0042677	.0050224	-.002396	.8963634	.1906297
#3	.0040333	-.001817	.0040565	.0066265	-.002593	.9105336	.1932389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002998	-.000001	52.45830	.0041678	-.000005	.0085639	1.006446
Stddev	.0000876	.000043	.07832	.0001594	.000097	.0006215	.007438
%RSD	29.20582	4100.961	.1492909	3.825060	2039.026	7.257212	.7390381

#1	.0003722	.000014	52.38310	.0041775	-.000033	.0081507	1.004398
#2	.0002025	.000033	52.45241	.0043222	-.000085	.0082624	1.000247
#3	.0003247	-.000050	52.53939	.0040038	.000103	.0092787	1.014694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2486354	21.34882	.0036568	.0003583	59.08657	.0012908	.0115837
Stddev	.0004579	.04255	.0003376	.0000858	.11909	.0027826	.0016328
%RSD	.1841807	.1993240	9.233397	23.94055	.2015534	215.5675	14.09538

#1	.2487799	21.31658	.0034606	.0002633	59.22353	.0009714	.0097605
#2	.2481227	21.39706	.0040467	.0003814	59.02875	-.001318	.0129112
#3	.2490037	21.33284	.0034632	.0004301	59.00742	.004219	.0120793

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.394416	.0381303	37.24331	.0163196	9.845215	8.671622	-.000135
Stddev	.081056	.0011573	.37047	.0003692	.076693	.109565	.000974
%RSD	5.812917	3.035156	.9947413	2.262232	.7789911	1.263493	720.0660

#1	1.320592	.0368130	37.06860	.0160483	9.820211	8.632797	-.000062
#2	1.381503	.0385944	36.99249	.0161705	9.784145	8.586755	.000801
#3	1.481155	.0389835	37.66883	.0167400	9.931290	8.795312	-.001144

Sample Name: J1729-01 Acquired: 3/9/2018 18:09:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AC8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0144324	.0374314	.7395437
Stddev	.0002494	.0013581	.0045522
%RSD	1.727727	3.628183	.6155421

#1	.0146637	.0364281	.7344383
#2	.0141683	.0368892	.7431799
#3	.0144653	.0389768	.7410128

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.468	4069.697	45340.84	6461.271	4607.741
Stddev	15.945	21.044	221.23	58.489	24.586
%RSD	.8083938	.5170841	.4879358	.9052236	.5335712

#1	1982.524	4085.893	45541.26	6528.401	4625.038
#2	1980.798	4077.286	45377.82	6434.116	4618.588
#3	1954.083	4045.911	45103.45	6421.295	4579.597

Sample Name: J1729-02 Acquired: 3/9/2018 18:13:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023235	.0007285	-.000223	.0018938	-.003262	.0237927	.0008456
Stddev	.0008469	.0009618	.000525	.0020280	.000230	.0067383	.0001023
%RSD	36.44841	132.0220	235.6466	107.0852	7.059519	28.32066	12.10058

#1	.0019574	.0016670	-.000813	.0012701	-.003242	.0239404	.0009637
#2	.0017213	-.000255	.000194	.0041603	-.003502	.0304559	.0007843
#3	.0032918	.000774	-.000050	.0002509	-.003043	.0169818	.0007889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001522	-.000049	.2834602	.0082132	.0001324	.0028249	.1074437
Stddev	.0000723	.000016	.0103544	.0003170	.0000703	.0009612	.0100678
%RSD	47.51731	33.40464	3.652846	3.859337	53.06462	34.02557	9.370306

#1	.0000696	-.000033	.2925183	.0078473	.0001465	.0021164	.1188244
#2	.0002040	-.000048	.2856897	.0083890	.0000561	.0039191	.0996989
#3	.0001831	-.000066	.2721728	.0084032	.0001945	.0024393	.1038079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014226	.1344306	.0062443	.0003799	-.278280	-.000090	.0080859
Stddev	.0002154	.0234339	.0002432	.0003031	.175604	.003447	.0020826
%RSD	15.14316	17.43195	3.894541	79.78200	63.10326	3808.760	25.75611

#1	.0012219	.1529173	.0060360	.0004544	-.077932	.003515	.0070592
#2	.0013956	.1080750	.0061855	.0000465	-.351399	-.003353	.0104825
#3	.0016502	.1422995	.0065115	.0006389	-.405511	-.000433	.0067159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.32596	.0009876	.0403447	.0012052	.0202360	.0253045	.0007368
Stddev	.04624	.0021329	.0026143	.0000992	.0030952	.0013401	.0003828
%RSD	1.390299	215.9667	6.479958	8.229778	15.29572	5.296027	51.95011

#1	-3.32164	.0004874	.0425710	.0012397	.0197306	.0240027	.0010683
#2	-3.28203	-.000851	.0409972	.0012826	.0235528	.0266799	.0008242
#3	-3.37420	.003326	.0374659	.0010934	.0174245	.0252308	.0003179

Sample Name: J1729-02 Acquired: 3/9/2018 18:13:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002795	-.003462	.0012657
Stddev	.0004796	.001381	.0000664
%RSD	171.6072	39.90313	5.248369

#1	-.000156	-.003056	.0012971
#2	.000794	-.002329	.0013105
#3	.000201	-.005001	.0011894

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.741	4205.731	46765.81	6485.235	5068.878
Stddev	3.986	27.313	46.30	32.732	23.042
%RSD	.1974623	.6494160	.0990041	.5047152	.4545838

#1	2016.312	4223.878	46752.16	6482.094	5081.655
#2	2023.341	4218.996	46817.40	6454.187	5082.700
#3	2016.569	4174.319	46727.87	6519.424	5042.278

Sample Name: CCV029 Acquired: 3/9/2018 18:27:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.205138	5.055445	25.63361	5.427148	5.088534	376.4839	9.728798
Stddev	.136061	.134330	.61640	.149727	.146215	4.4507	.134585
%RSD	2.613973	2.657139	2.404657	2.758856	2.873421	1.182177	1.383371

#1	5.356629	5.209132	26.34103	5.598977	5.256351	381.5246	9.878975
#2	5.093331	4.996760	25.21195	5.324676	4.988594	373.0962	9.619093
#3	5.165453	4.960442	25.34786	5.357789	5.020658	374.8309	9.688326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4819586	2.607282	381.8017	15.23696	2.585271	14.98082	381.1241
Stddev	.0082025	.061185	4.7978	.07506	.065068	.18009	4.1208
%RSD	1.701916	2.346679	1.256628	.4925940	2.516878	1.202149	1.081218

#1	.4911177	2.677754	387.0325	15.19934	2.659971	15.17754	385.6193
#2	.4752898	2.567704	377.6057	15.18815	2.540934	14.82407	377.5253
#3	.4794684	2.576389	380.7669	15.32338	2.554908	14.94084	380.2277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.12588	377.3589	2.604709	1.266396	383.8307	2.357334	14.42137
Stddev	.14526	4.0626	.062251	.003934	4.5076	.023562	.14613
%RSD	1.028306	1.076589	2.389936	.3106192	1.174363	.9995311	1.013298

#1	14.28481	381.7694	2.676221	1.270405	388.9542	2.381513	14.33257
#2	13.99999	373.7697	2.562651	1.262543	380.4746	2.334442	14.34150
#3	14.09284	376.5376	2.575255	1.266241	382.0635	2.356046	14.59003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.0732	5.261923	4.748630	5.202443	5.561324	4.555333	5.252503
Stddev	1.8674	.146356	.087311	.136869	.152200	.080450	.126146
%RSD	1.219919	2.781421	1.838664	2.630869	2.736762	1.766055	2.401642

#1	155.1108	5.427917	4.847424	5.359535	5.736829	4.646107	5.397995
#2	151.4436	5.206393	4.681824	5.108900	5.481542	4.492850	5.173687
#3	152.6651	5.151457	4.716642	5.138895	5.465601	4.527043	5.185826

Sample Name: CCV029 Acquired: 3/9/2018 18:27:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.158277	5.324577	5.267431
Stddev	.081617	.085549	.103283
%RSD	1.582252	1.606676	1.960790

#1	5.237750	5.415127	5.380335
#2	5.074673	5.245109	5.177709
#3	5.162408	5.313497	5.244248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1602.299	3298.022	39660.04	6095.624	3461.052
Stddev	6.463	75.697	232.94	86.599	71.874
%RSD	.4033502	2.295224	.5873310	1.420681	2.076645

#1	1606.365	3214.446	39753.75	6011.352	3379.638
#2	1605.685	3361.977	39831.52	6184.377	3515.713
#3	1594.846	3317.642	39394.84	6091.143	3487.804

Sample Name: CCB029 Acquired: 3/9/2018 18:31:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002919	-.000711	-.000953	.0012867	-.001840	.0025636	-.001684
Stddev	.0014255	.000686	.000991	.0029592	.001132	.0023749	.000390
%RSD	488.4082	96.42548	103.9347	229.9876	61.54975	92.63648	23.16569

#1	-.000578	.000018	-.000892	.0045568	-.001385	.0022977	-.001248
#2	-.000483	-.000807	.000005	-.001206	-.003129	.0050603	-.002001
#3	.001937	-.001343	-.001973	.000509	-.001005	.0003330	-.001802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000728	.0000098	.0085025	-.000062	.0000955	-.000458	-.002117
Stddev	.0000622	.0000549	.0030779	.000168	.0001010	.001125	.009745
%RSD	85.49945	558.8599	36.20024	269.7569	105.8221	245.7468	460.2484

#1	.0000130	.0000334	.0055727	-.000242	.0001985	.000741	-.012971
#2	.0000681	.0000490	.0082250	-.000037	-.000003	-.000623	.000741
#3	.0001372	-.000053	.0117099	.000092	.000091	-.001491	.005879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000596	.0223655	.0000994	.0005881	-.274058	-.002324	.0003963
Stddev	.000287	.0215786	.0000388	.0001504	.219322	.002533	.0031507
%RSD	48.23198	96.48179	39.09090	25.57708	80.02769	108.9925	795.0882

#1	-.000870	.0081190	.0001008	.0004469	-.132358	-.005243	-.001671
#2	-.000297	.0471923	.0001375	.0005712	-.163131	-.001032	.004023
#3	-.000620	.0117851	.0000598	.0007463	-.526685	-.000698	-.001163

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484368	-.003248	.0067016	.0000963	.0026735	-.005567	.0008113
Stddev	.0099470	.000795	.0002315	.0002361	.0028692	.001094	.0003412
%RSD	20.53609	24.46260	3.454676	245.2334	107.3195	19.64335	42.05734

#1	.0377999	-.003125	.0069689	.0002431	-.000151	-.006320	.0004835
#2	.0500023	-.004098	.0065666	.0002218	.005585	-.004313	.0011644
#3	.0575083	-.002523	.0065693	-.000176	.002587	-.006069	.0007859

Sample Name: CCB029 Acquired: 3/9/2018 18:31:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v440) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005620	.0039247	.0000043
Stddev	.0002452	.0008587	.0000190
%RSD	43.63366	21.87930	443.5538

#1	.0008313	.0029459	-.000017
#2	.0003516	.0042771	.000018
#3	.0005032	.0045511	.000012

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.033	4203.790	46891.56	6556.536	5014.455
Stddev	3.031	47.388	246.36	59.741	54.378
%RSD	.1506217	1.127266	.5253740	.9111618	1.084429

#1	2015.280	4242.310	47065.88	6570.960	5055.492
#2	2009.280	4218.185	46999.07	6607.743	5035.094
#3	2011.539	4150.873	46609.72	6490.903	4952.778