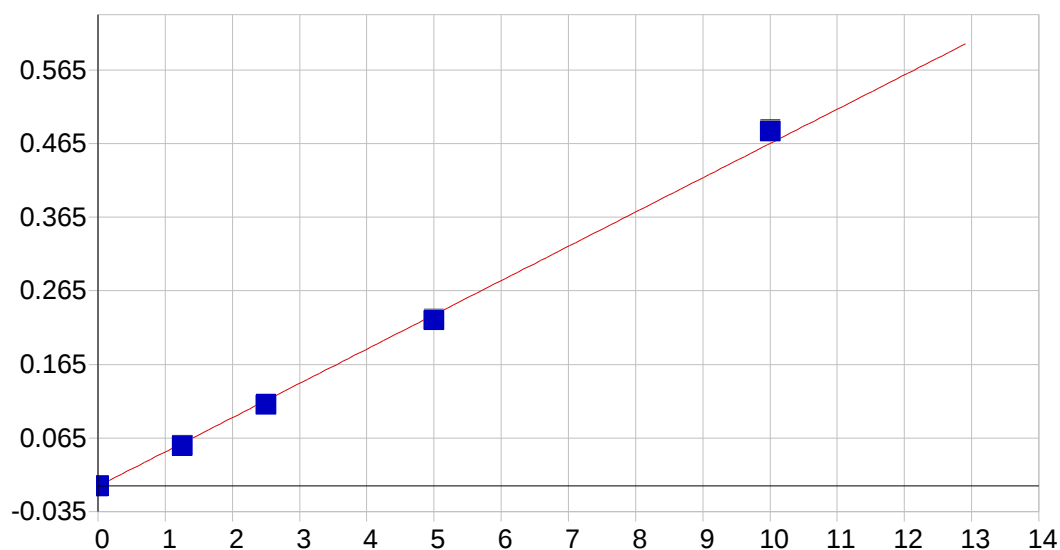




As 189.042 {479}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000391

Re-Slope: 1.000000

A1 (Gain): 0.046541

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999253

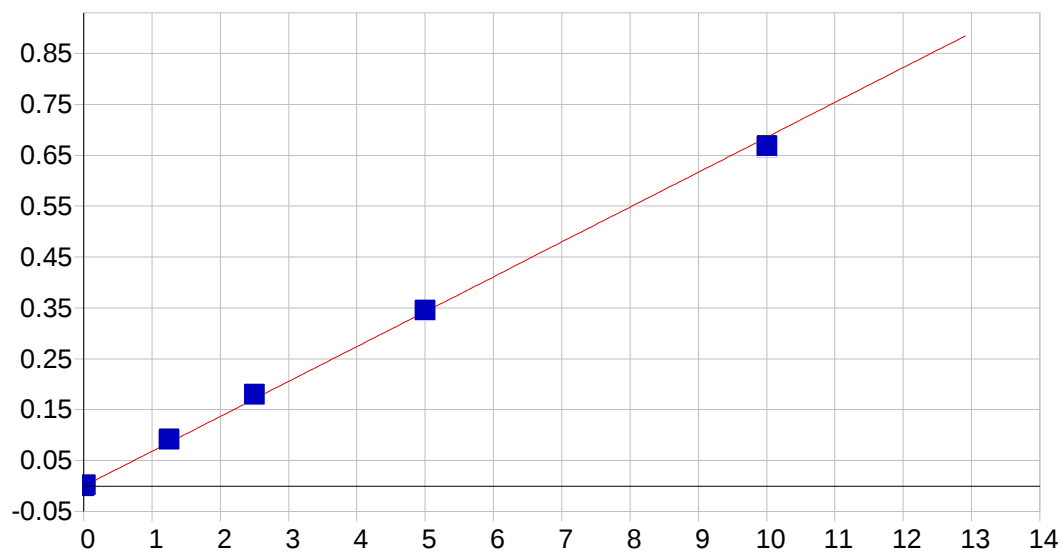
Status: OK.

Std Error of Est: 0.000030

Predicted MDL: 0.004111

Predicted MQL: 0.013703

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.01000	.01252	.003	25.2	.00019	.000	1
S2	1.2500	1.1774	-.073	-5.81	.05454	.000	1
S3	2.5000	2.3745	-.125	-5.02	.11039	.000	1
S4	5.0000	4.8453	-.155	-3.09	.22566	.001	1
S5	10.000	10.350	.350	3.50	.48241	.001	1



TI 190.856 {477}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000202

Re-Slope: 1.000000

A1 (Gain): 0.068557

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999468

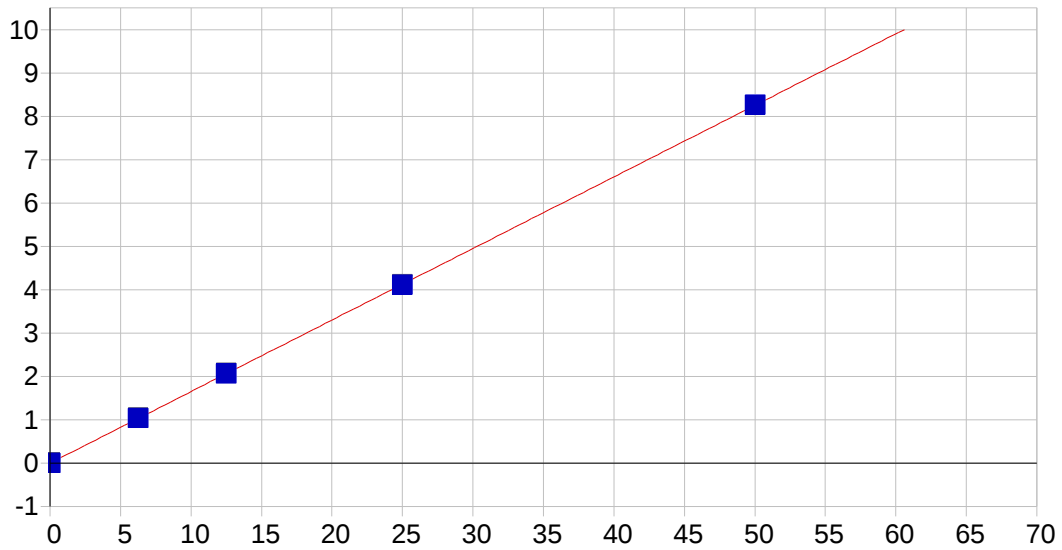
Status: OK.

Std Error of Est: 0.000059

Predicted MDL: 0.002247

Predicted MQL: 0.007489

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02500	.02451	.000	-1.98	.00145	.000	1
S2	1.2500	1.3373	.087	6.99	.09096	.001	1
S3	2.5000	2.6287	.129	5.15	.17898	.001	1
S4	5.0000	5.0422	.042	.844	.34340	.000	1
S5	10.000	9.7422	-.258	-2.58	.66356	.001	1



Pb 220.353 {453}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000353

Re-Slope: 1.000000

A1 (Gain): 0.165155

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999995

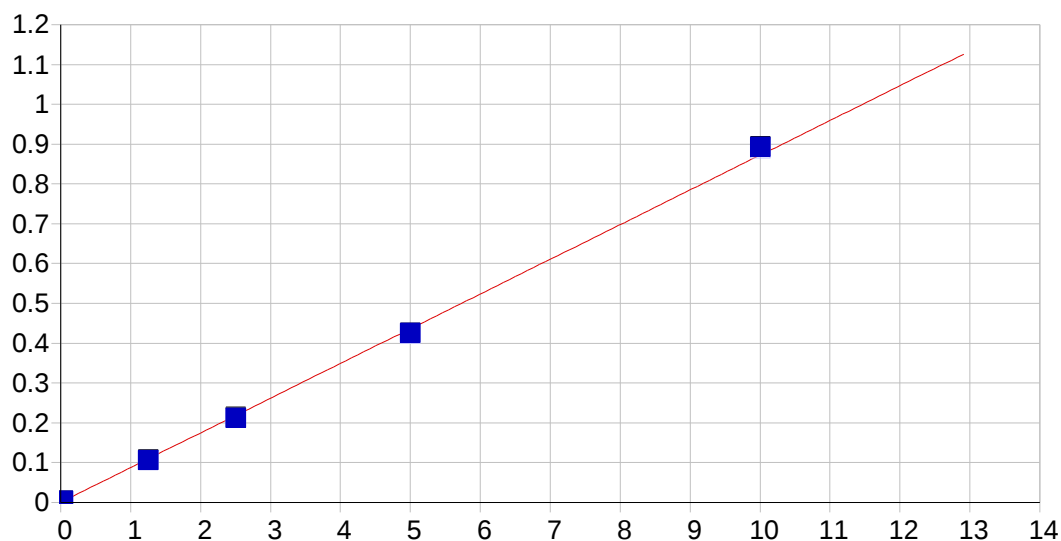
Status: OK.

Std Error of Est: 0.000019

Predicted MDL: 0.002037

Predicted MQL: 0.006790

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01000	.01109	.001	10.9	.00149	.000	1
S2	6.2500	6.2754	.025	.406	1.0377	.002	1
S3	12.500	12.526	.026	.206	2.0716	.007	1
S4	25.000	24.882	-.118	-.471	4.1155	.008	1
S5	50.000	50.066	.066	.131	8.2811	.004	1



Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000509

Re-Slope: 1.000000

A1 (Gain): 0.087175

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999693

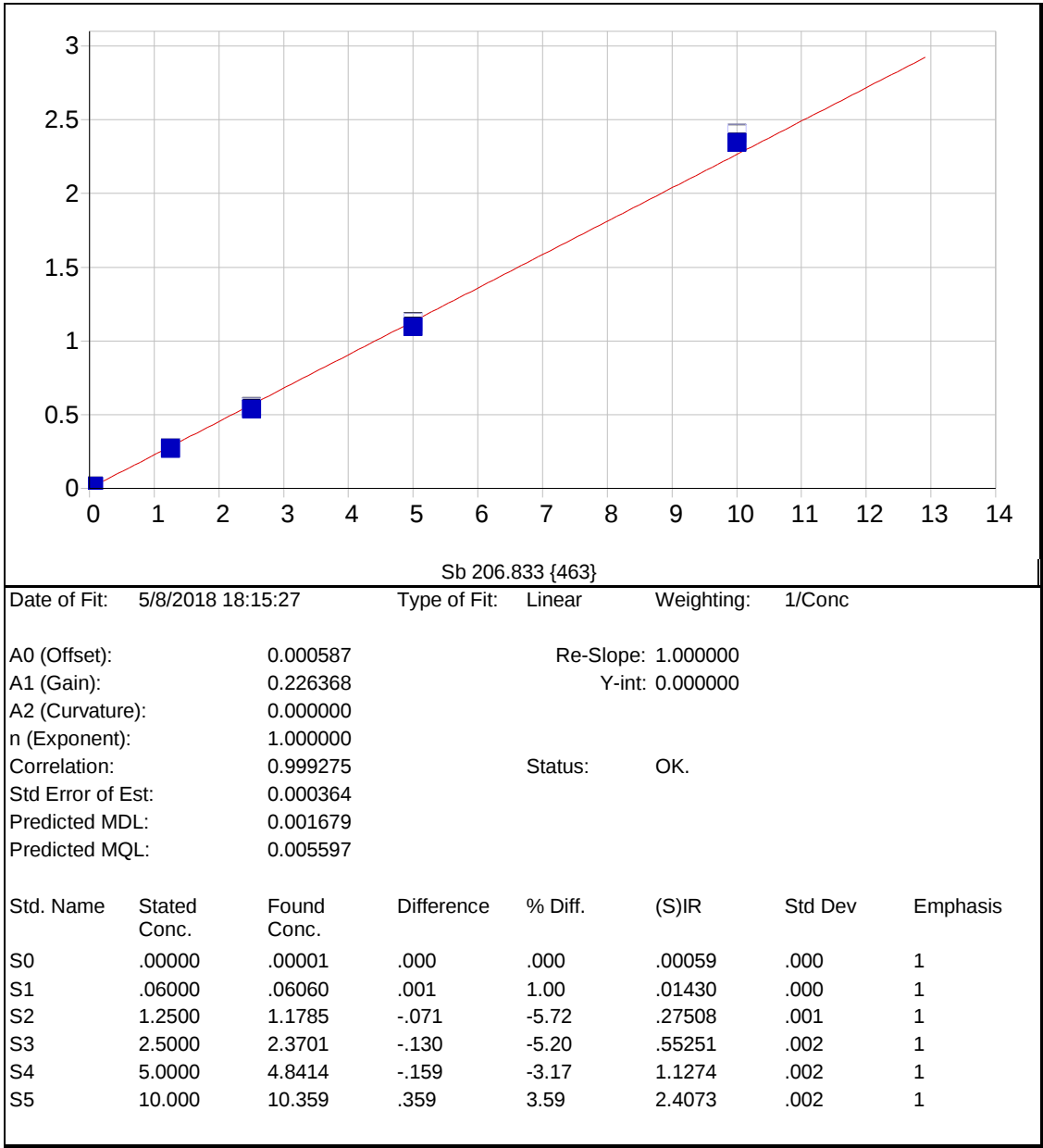
Status: OK.

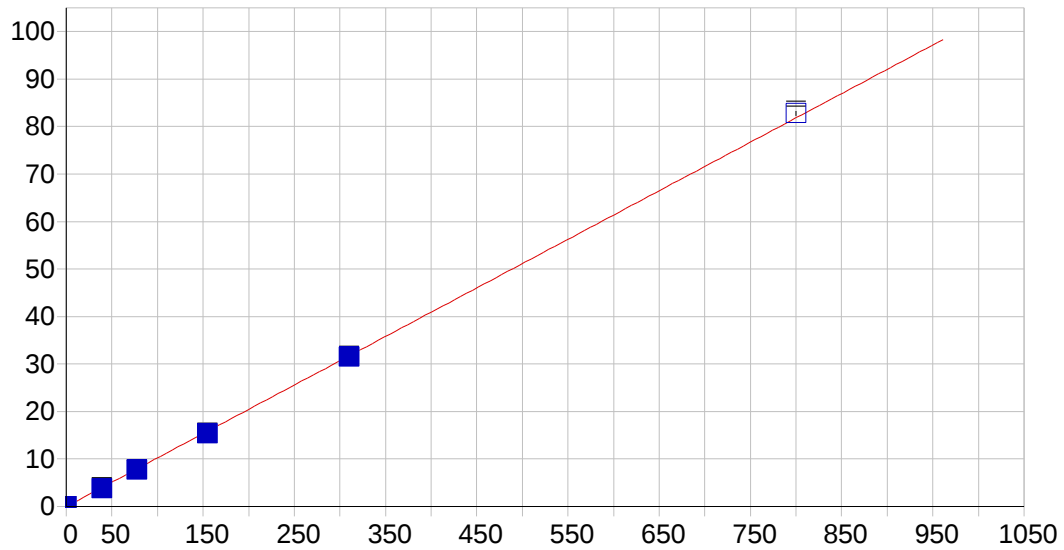
Std Error of Est: 0.000068

Predicted MDL: 0.003434

Predicted MQL: 0.011448

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00051	.000	1
S1	.03500	.03562	.001	1.77	.00361	.000	1
S2	1.2500	1.2136	-.036	-2.91	.10580	.001	1
S3	2.5000	2.4355	-.064	-2.58	.21180	.002	1
S4	5.0000	4.8698	-.130	-2.60	.42299	.000	1
S5	10.000	10.230	.230	2.30	.88826	.002	1





AI 396.152 { 85}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001574

Re-Slope: 1.000000

A1 (Gain): 0.102276

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999881

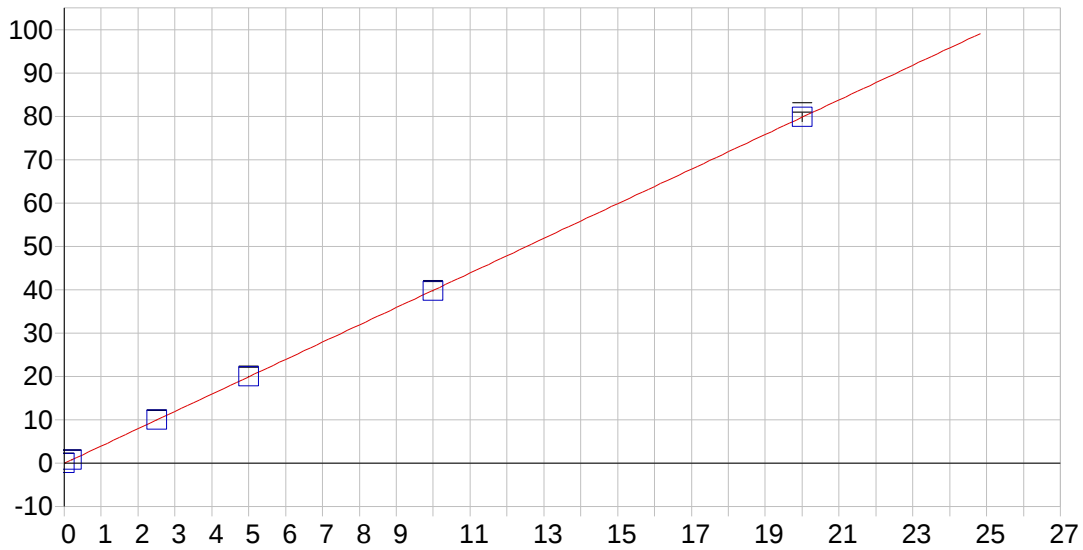
Status: OK.

Std Error of Est: 0.000983

Predicted MDL: 0.012061

Predicted MQL: 0.040204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00157	.001	1
S1	.20000	.21486	.015	7.43	.02358	.001	1
S2	38.750	37.756	-.994	-2.56	3.8668	.016	1
S3	77.500	75.270	-2.23	-2.88	7.7073	.032	1
S4	155.00	150.68	-4.32	-2.79	15.427	.056	1
S5	310.00	308.22	-1.78	-.574	31.555	.108	1
S6	800.00	809.32	9.32	1.16	82.775	.547	1



Ba 493.409 { 68}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.046428

Re-Slope: 1.000000

A1 (Gain): 3.991015

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999992

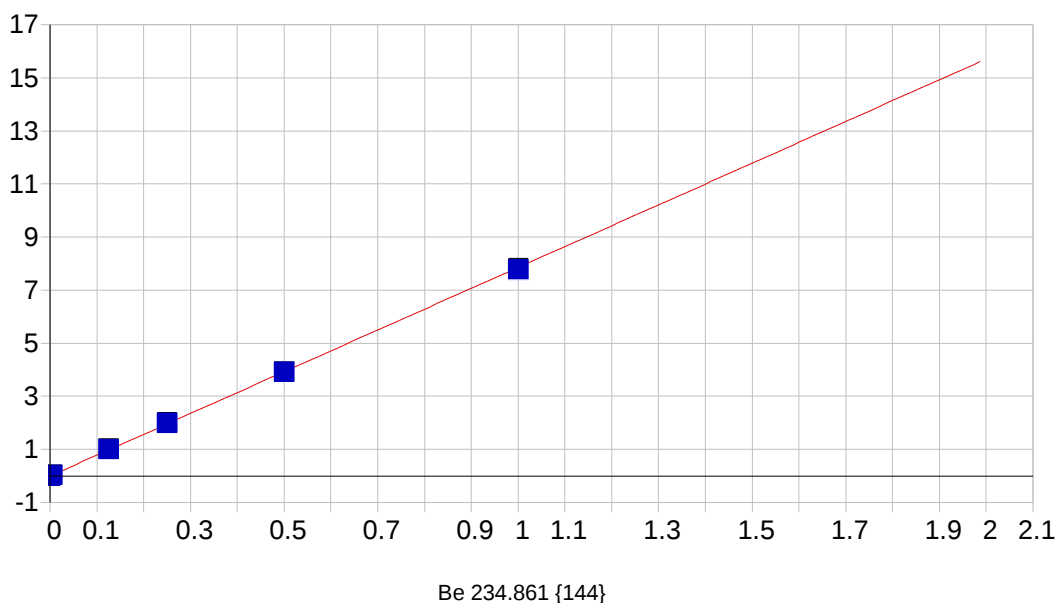
Status: OK.

Std Error of Est: 0.001697

Predicted MDL: 0.001007

Predicted MQL: 0.003355

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.04647	.005	1
S1	.20000	.20967	.010	4.84	.79038	.003	1
S2	2.5000	2.5003	.000	.013	9.9324	.026	1
S3	5.0000	5.0144	.014	.288	19.966	.083	1
S4	10.000	9.9697	-.030	-.303	39.743	.106	1
S5	20.000	20.006	.006	.030	79.797	1.06	1



Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003629

Re-Slope: 1.000000

A1 (Gain): 7.857146

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999910

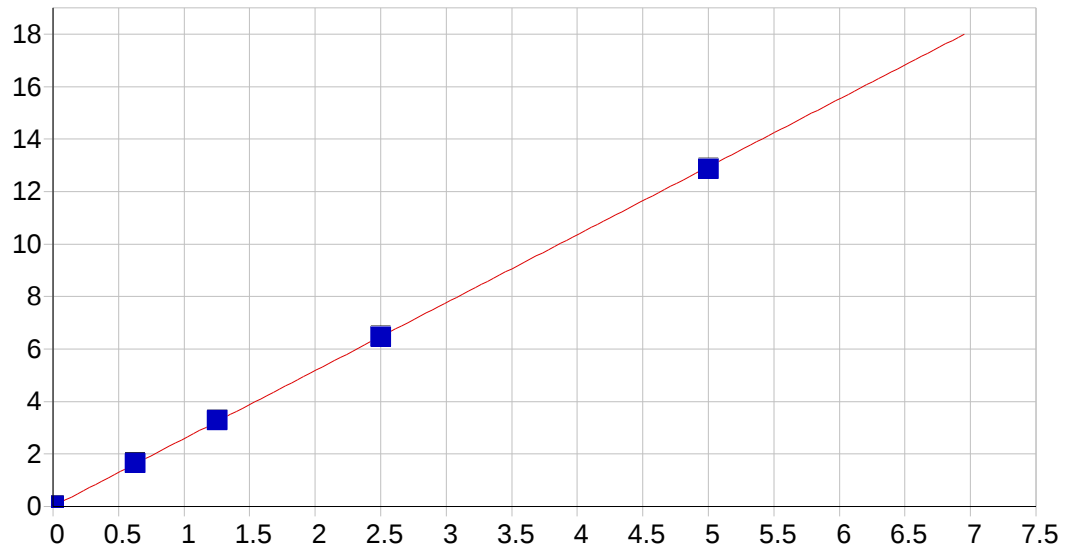
Status: OK.

Std Error of Est: 0.000393

Predicted MDL: 0.000082

Predicted MQL: 0.000275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00363	.000	1
S1	.00500	.00533	.000	6.57	.03820	.001	1
S2	.12500	.12943	.004	3.54	1.0090	.002	1
S3	.25000	.25424	.004	1.70	1.9854	.016	1
S4	.50000	.50013	.000	.026	3.9088	.014	1
S5	1.0000	.99087	-.009	-.913	7.7474	.035	1



Cd 214.438 {457}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000802

Re-Slope: 1.000000

A1 (Gain): 2.588094

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999950

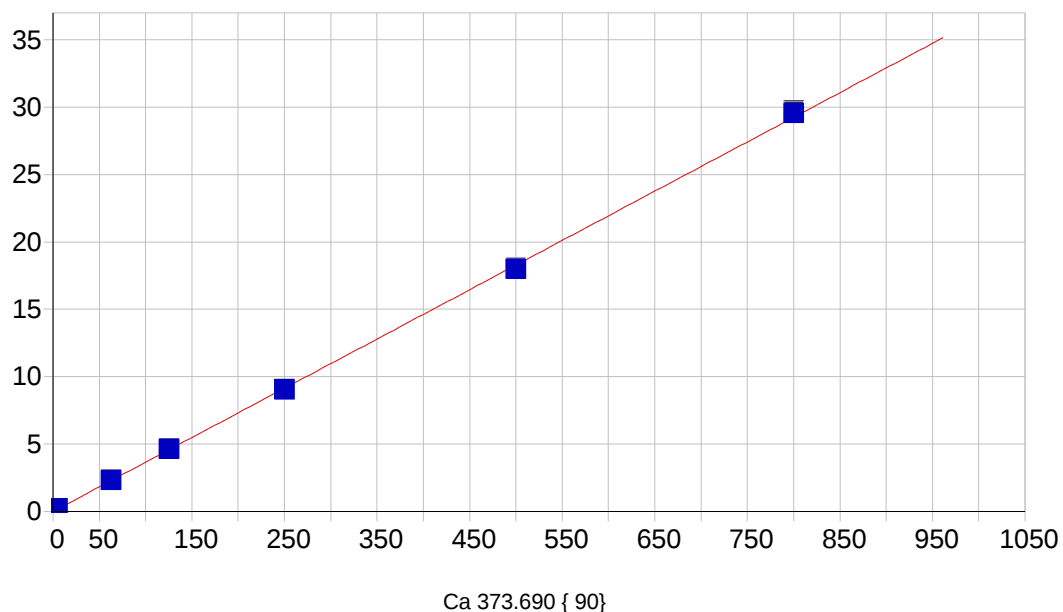
Status: OK.

Std Error of Est: 0.000216

Predicted MDL: 0.000101

Predicted MQL: 0.000337

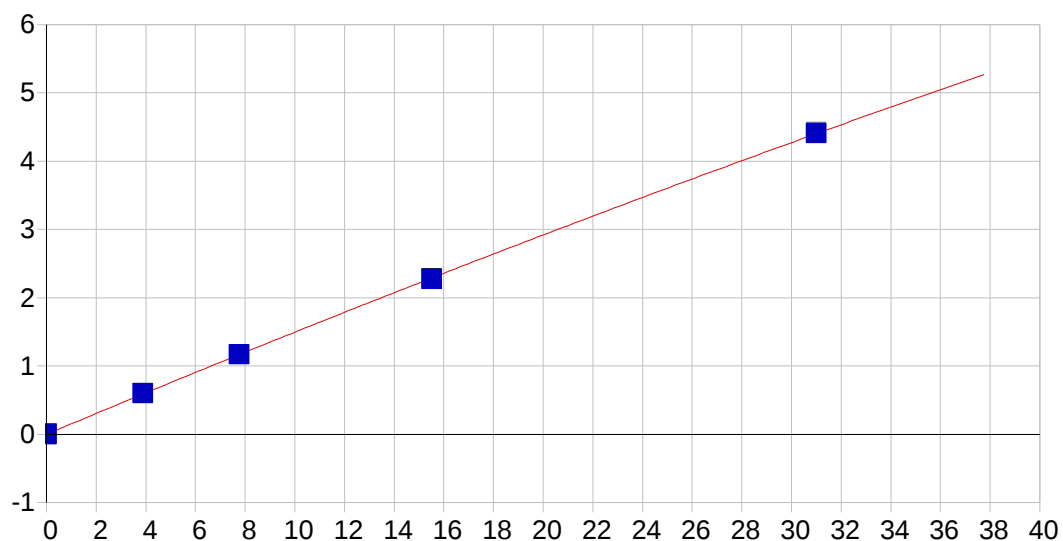
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00080	.000	1
S1	.00500	.00516	.000	3.18	.01416	.000	1
S2	.62500	.64024	.015	2.44	1.6611	.005	1
S3	1.2500	1.2699	.020	1.60	3.2942	.003	1
S4	2.5000	2.4991	-.001	-.036	6.4820	.010	1
S5	5.0000	4.9656	-.034	-.689	12.879	.024	1



Date of Fit: 5/8/2018 18:15:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001727 Re-Slope: 1.000000
 A1 (Gain): 0.036564 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.001787
 Predicted MDL: 0.023534
 Predicted MQL: 0.078447

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	-.001	.000	.00171	.001	1
S1	5.0000	5.4298	.430	8.60	.20028	.001	1
S2	62.500	63.921	1.42	2.27	2.3470	.009	1
S3	125.00	126.33	1.33	1.06	4.6370	.017	1
S4	250.00	246.67	-3.33	-1.33	9.0534	.019	1
S5	500.00	491.94	-8.06	-1.61	18.054	.030	1
S6	800.00	808.19	8.19	1.02	29.726	.038	1

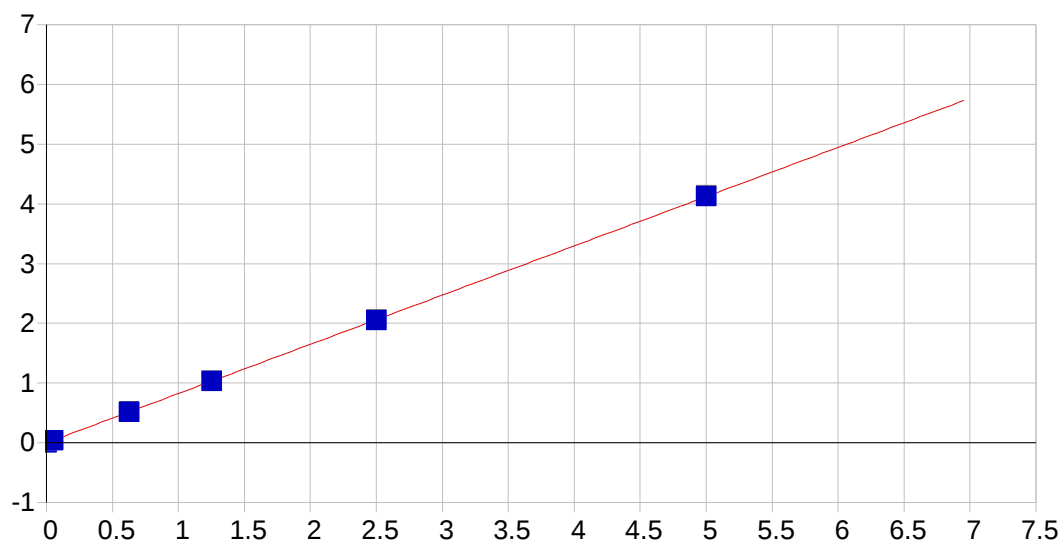


Cr 267.716 {126}

Date of Fit: 5/8/2018 18:15:27 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.153183 Y-int: 0.000000
 A2 (Curvature): -0.000359
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.000524
 Predicted MQL: 0.001747

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01093	.001	9.27	.00167	.000	1
S2	3.8750	3.9343	.059	1.53	.59816	.001	1
S3	7.7500	7.7611	.011	.143	1.1693	.002	1
S4	15.500	15.371	-.129	-.833	2.2740	.007	1
S5	31.000	31.058	.058	.189	4.4199	.009	1

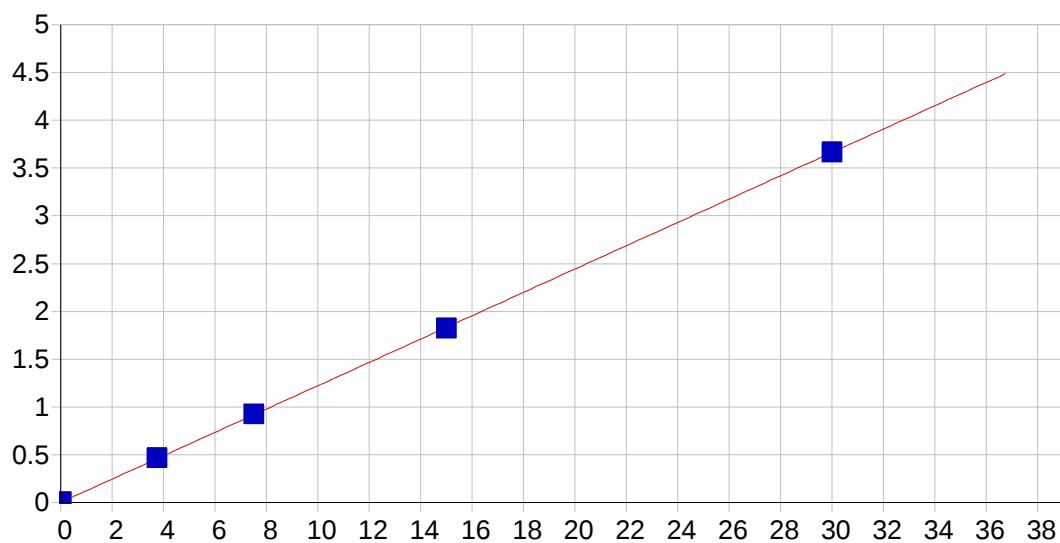


Co 228.616 {448}

Date of Fit: 5/8/2018 18:15:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000540 Re-Slope: 1.000000
 A1 (Gain): 0.824287 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.000316
 Predicted MQL: 0.001052

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00054	.000	1
S1	.05000	.04998	.000	-.035	.04081	.000	1
S2	.62500	.62642	.001	.228	.51683	.001	1
S3	1.2500	1.2547	.005	.378	1.0358	.004	1
S4	2.5000	2.4900	-.010	-.398	2.0561	.003	1
S5	5.0000	5.0038	.004	.076	4.1322	.012	1



Cu 324.754 {104}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001148

Re-Slope: 1.000000

A1 (Gain): 0.122069

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999984

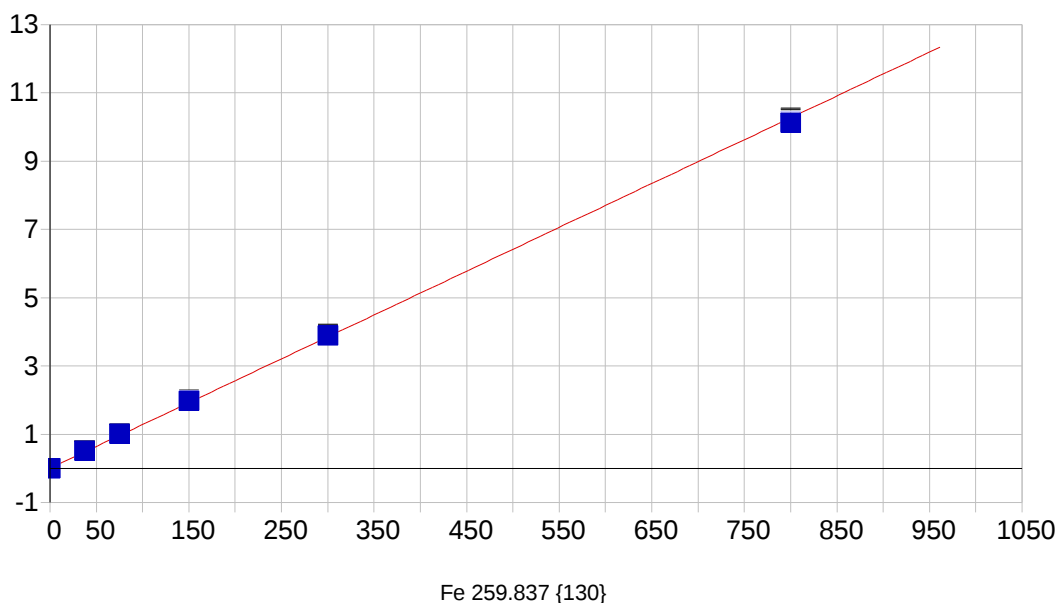
Status: OK.

Std Error of Est: 0.000031

Predicted MDL: 0.004459

Predicted MQL: 0.014863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00115	.000	1
S1	.02500	.02302	-.002	-7.91	.00395	.000	1
S2	3.7500	3.8072	.057	1.53	.46560	.002	1
S3	7.5000	7.5413	.041	.550	.92113	.005	1
S4	15.000	14.914	-.086	-.572	1.8206	.005	1
S5	30.000	29.989	-.011	-.036	3.6596	.009	1



Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000178

Re-Slope: 1.000000

A1 (Gain): 0.012838

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999783

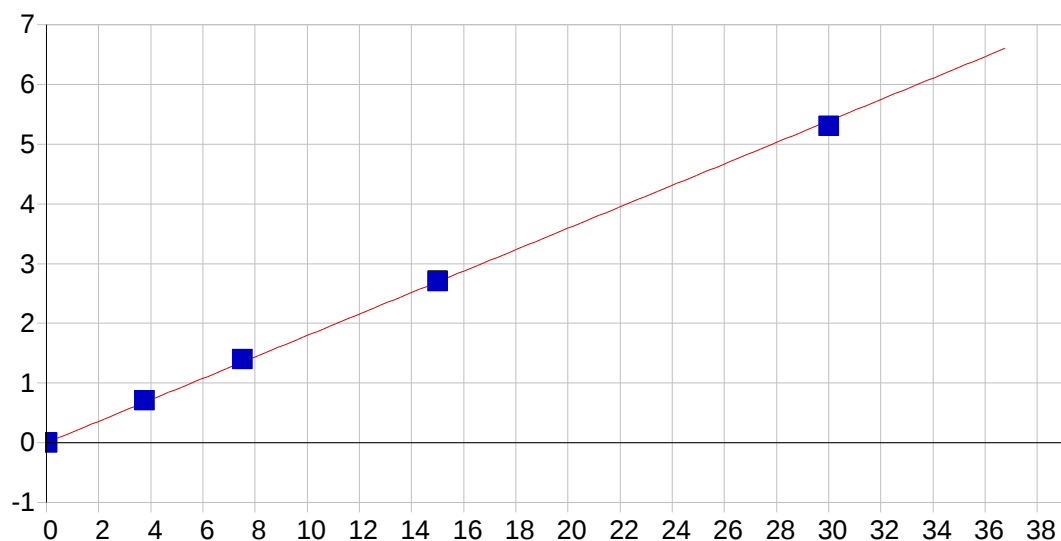
Status: OK.

Std Error of Est: 0.000117

Predicted MDL: 0.022099

Predicted MQL: 0.073665

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00018	.000	1
S1	.10000	.12401	.024	24.0	.00180	.000	1
S2	37.500	40.023	2.52	6.73	.51658	.004	1
S3	75.000	78.099	3.10	4.13	1.0080	.005	1
S4	150.00	153.73	3.73	2.49	1.9841	.018	1
S5	300.00	302.58	2.58	.860	3.9054	.028	1
S6	800.00	788.03	-12.0	-1.50	10.164	.109	1



Mn 257.610 {131}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000022

Re-Slope: 1.000000

A1 (Gain): 0.179595

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999747

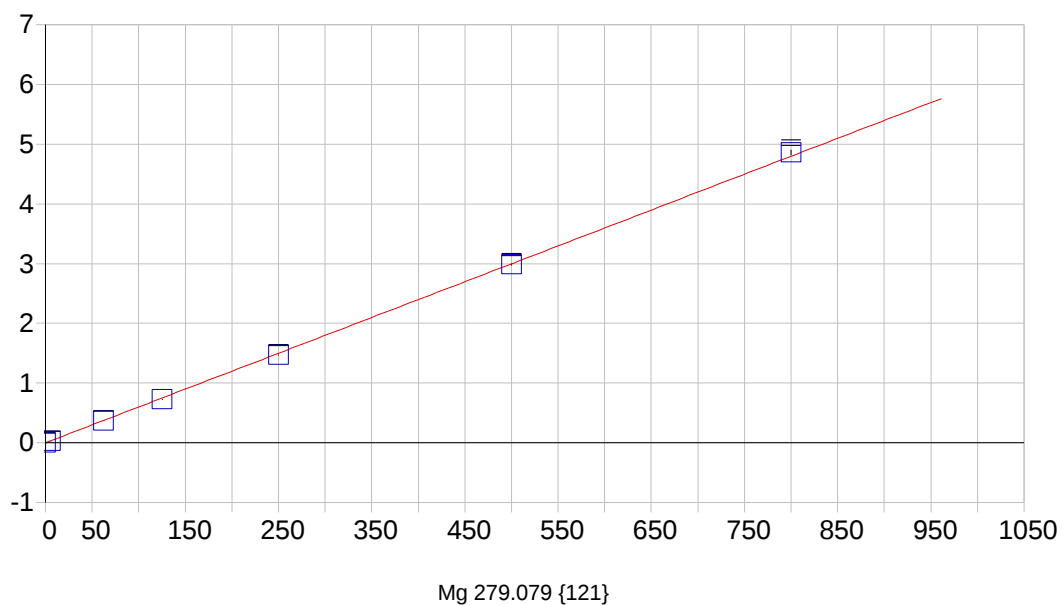
Status: OK.

Std Error of Est: 0.000144

Predicted MDL: 0.001428

Predicted MQL: 0.004760

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01500	.01720	.002	14.7	.00307	.000	1
S2	3.7500	3.9465	.197	5.24	.70891	.001	1
S3	7.5000	7.7604	.260	3.47	1.3940	.006	1
S4	15.000	15.050	.050	.331	2.7034	.009	1
S5	30.000	29.491	-.509	-1.70	5.2977	.004	1



Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000332

Re-Slope: 1.000000

A1 (Gain): 0.005995

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999897

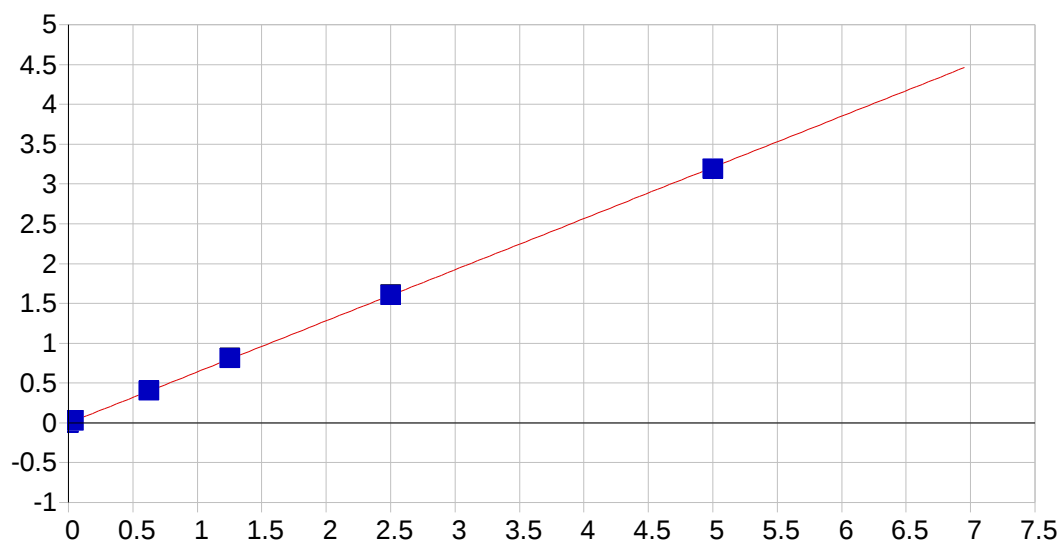
Status: OK.

Std Error of Est: 0.000301

Predicted MDL: 0.057499

Predicted MQL: 0.191665

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	-.00033	.000	1
S1	5.0000	5.1179	.118	2.36	.03035	.001	1
S2	62.500	61.067	-1.43	-2.29	.36578	.002	1
S3	125.00	121.67	-3.33	-2.66	.72913	.001	1
S4	250.00	245.23	-4.77	-1.91	1.4699	.012	1
S5	500.00	498.75	-1.25	-.250	2.9899	.019	1
S6	800.00	810.66	10.7	1.33	4.8599	.048	1



Ni 231.604 {446}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002256

Re-Slope: 1.000000

A1 (Gain): 0.641986

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999955

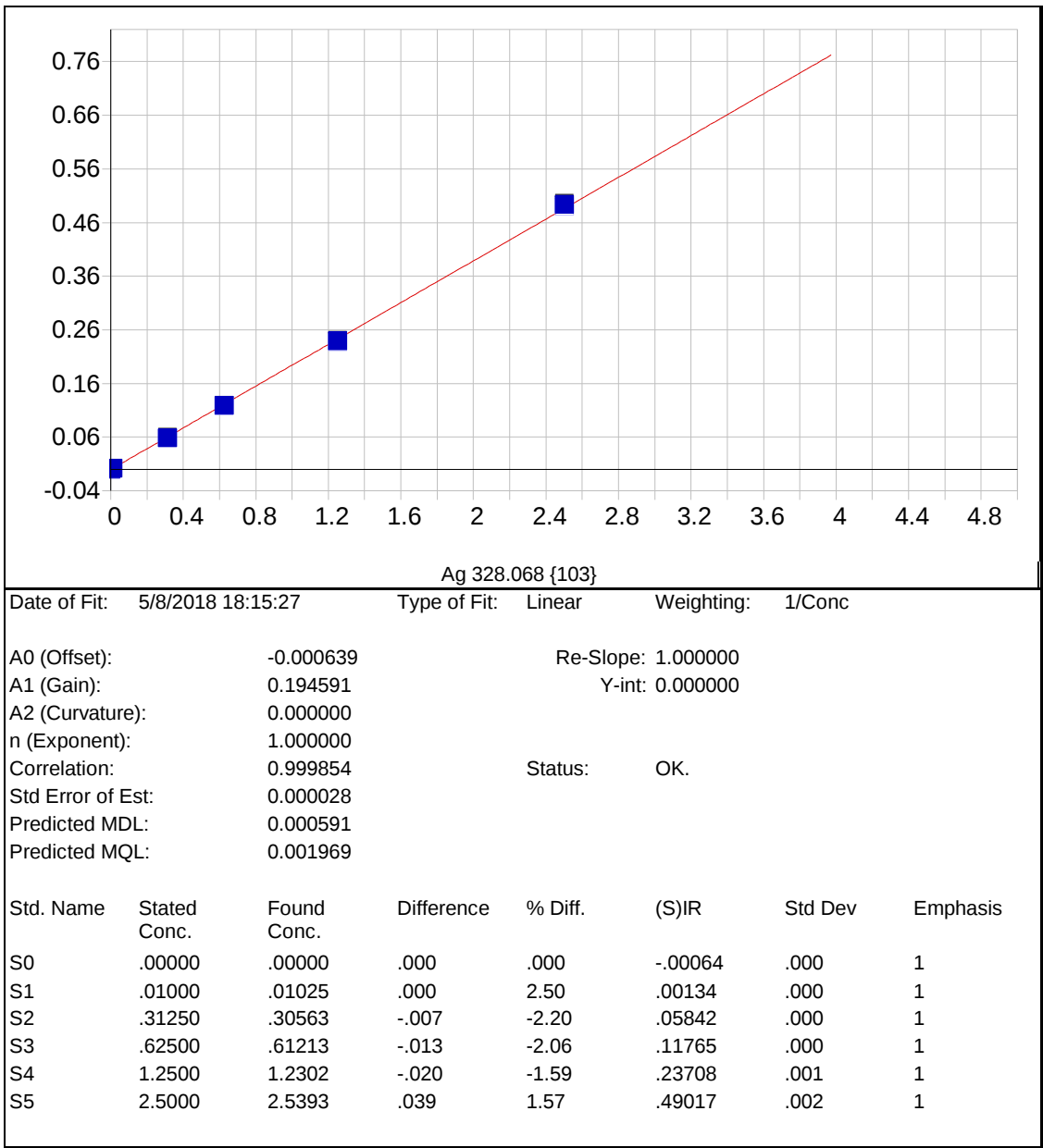
Status: OK.

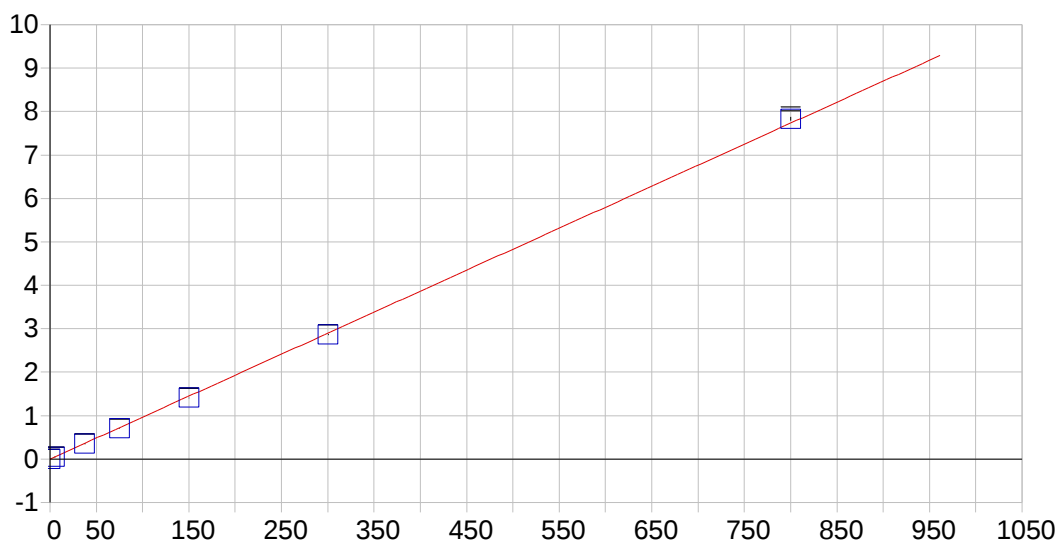
Std Error of Est: 0.000145

Predicted MDL: 0.000475

Predicted MQL: 0.001584

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00226	.000	1
S1	.04000	.04296	.003	7.41	.02534	.000	1
S2	.62500	.63657	.012	1.85	.40724	.001	1
S3	1.2500	1.2662	.016	1.29	.81225	.002	1
S4	2.5000	2.5016	.002	.063	1.6070	.003	1
S5	5.0000	4.9677	-.032	-.645	3.1935	.004	1





Na 818.326 { 41}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002385

Re-Slope: 1.000000

A1 (Gain): 0.009668

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999868

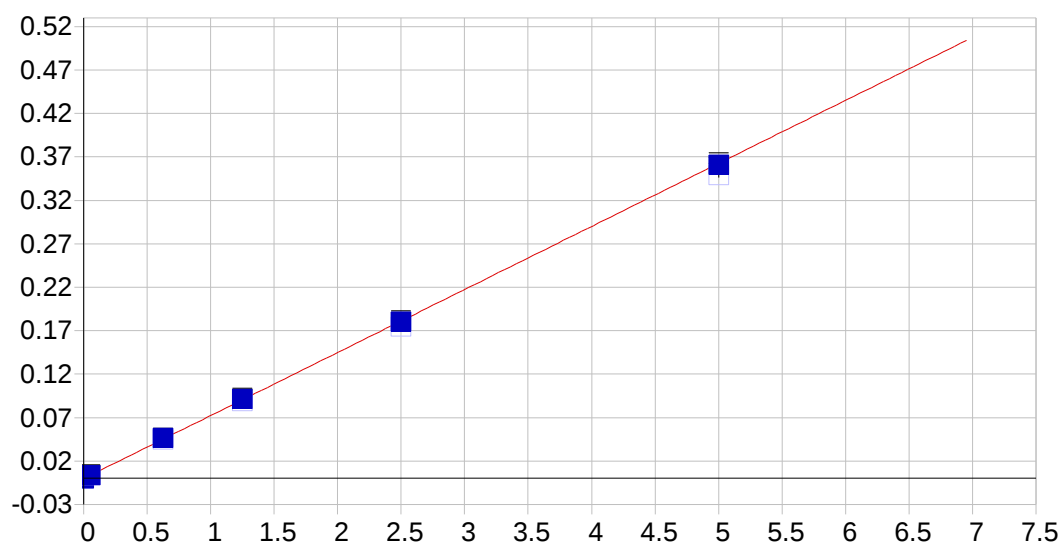
Status: OK.

Std Error of Est: 0.000486

Predicted MDL: 0.286026

Predicted MQL: 0.953419

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	-.00238	.002	1
S1	5.0000	5.0317	.032	.633	.04626	.003	1
S2	37.500	36.693	-.807	-2.15	.35235	.002	1
S3	75.000	72.730	-2.27	-3.03	.70075	.003	1
S4	150.00	146.13	-3.87	-2.58	1.4103	.006	1
S5	300.00	296.53	-3.47	-1.16	2.8644	.003	1
S6	800.00	810.39	10.4	1.30	7.8323	.045	1



V 292.402 {115}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000287

Re-Slope: 1.000000

A1 (Gain): 0.072562

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999938

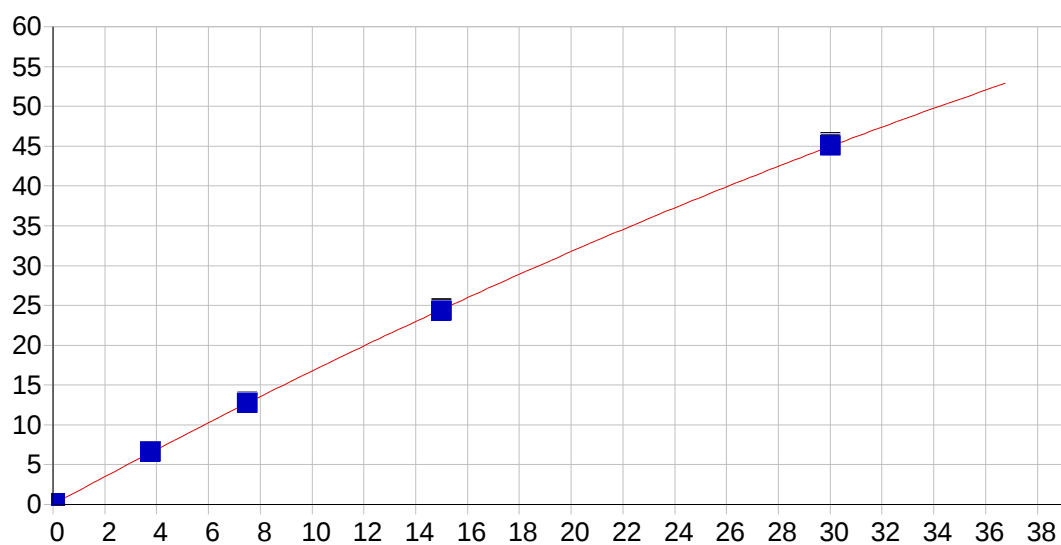
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.005870

Predicted MQL: 0.019568

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00029	.000	1
S1	.05000	.05490	.005	9.81	.00369	.001	1
S2	.62500	.63941	.014	2.31	.04461	.000	1
S3	1.2500	1.2633	.013	1.07	.08839	.001	1
S4	2.5000	2.4901	-.010	-.396	.17441	.001	1
S5	5.0000	4.9771	-.023	-.458	.34889	.003	1



Zn 213.856 {158}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.002380

Re-Slope: 1.000000

A1 (Gain): 1.765635

Y-int: 0.000000

A2 (Curvature): -0.008898

n (Exponent): 1.000000

Correlation: 0.999972

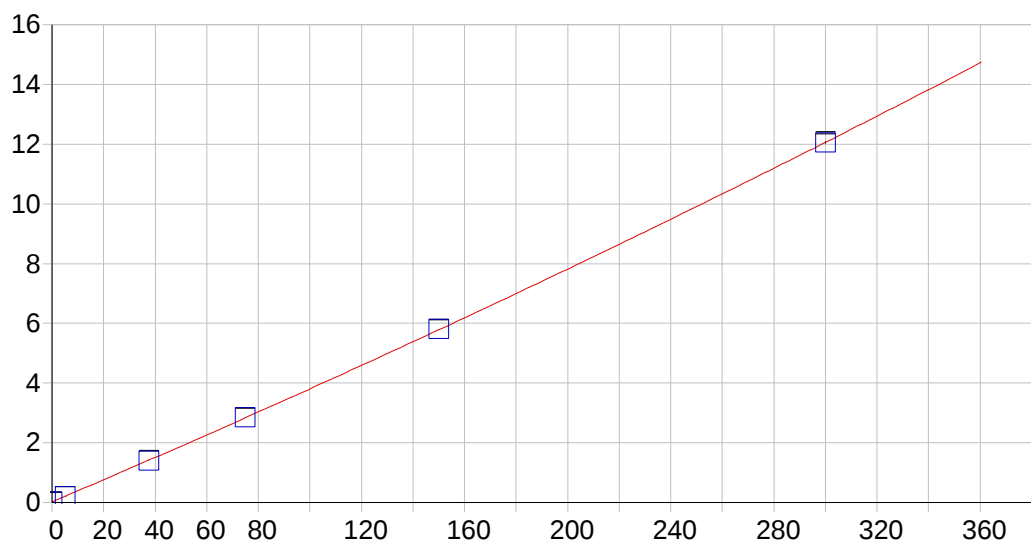
Status: OK.

Std Error of Est: 0.000975

Predicted MDL: 0.000469

Predicted MQL: 0.001564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00237	.000	1
S1	.06000	.06701	.007	11.7	.12105	.000	1
S2	3.7500	3.8080	.058	1.55	6.6280	.016	1
S3	7.5000	7.4993	-.001	-.009	12.805	.058	1
S4	15.000	14.870	-.130	-.868	24.414	.205	1
S5	30.000	30.070	.070	.232	45.298	.175	1



K 769.896 { 44}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.024291

Re-Slope: 1.000000

A1 (Gain): 0.036649

Y-int: 0.000000

A2 (Curvature): 0.000012

n (Exponent): 1.000000

Correlation: 0.999996

Status:

Warning

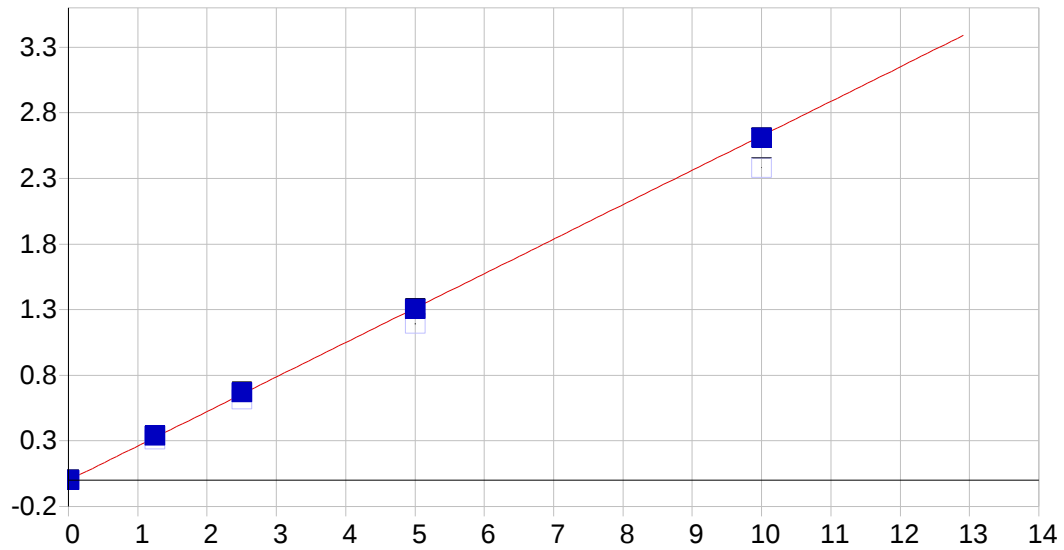
Positive Curvature

Std Error of Est: 0.000276

Predicted MDL: 0.068278

Predicted MQL: 0.227593

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.02429	.002	1
S1	5.0000	4.9623	-.038	-.754	.20644	.001	1
S2	37.500	37.154	-.346	-.923	1.4019	.005	1
S3	75.000	75.129	.129	.171	2.8430	.009	1
S4	150.00	150.45	.450	.300	5.8000	.006	1
S5	300.00	299.80	-.198	-.066	12.051	.038	1



P 177.495 {490}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000944

Re-Slope: 1.000000

A1 (Gain): 0.262592

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999702

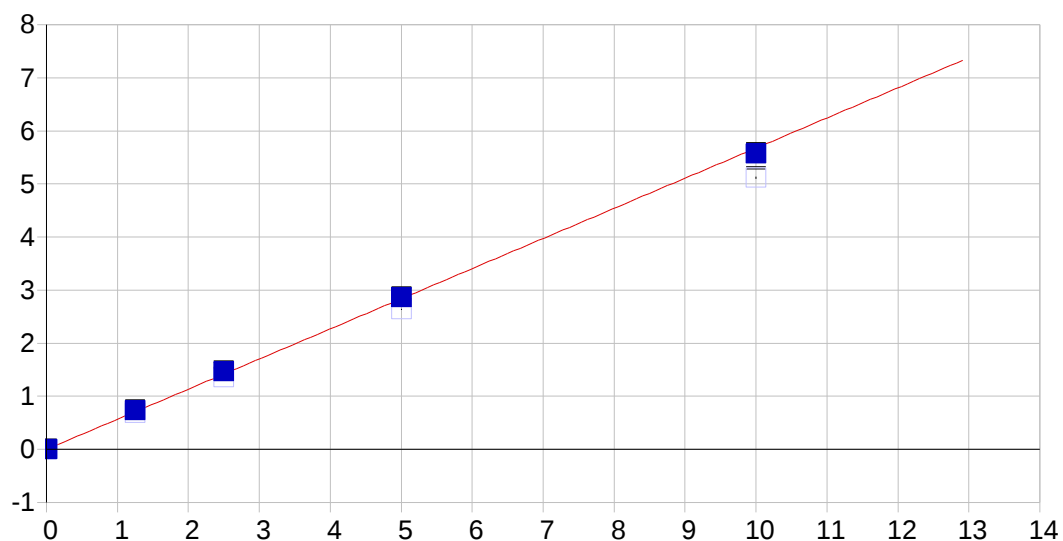
Status: OK.

Std Error of Est: 0.000098

Predicted MDL: 0.000401

Predicted MQL: 0.001337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00094	.000	1
S1	.01000	.00215	-.008	-78.5	-.00055	.000	1
S2	1.2500	1.2908	.041	3.27	.30971	.002	1
S3	2.5000	2.5567	.057	2.27	.61380	.001	1
S4	5.0000	4.9759	-.024	-.482	1.1924	.005	1
S5	10.000	9.9346	-.065	-.654	2.3813	.002	1



B 249.678 {135}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000394

Re-Slope: 1.000000

A1 (Gain): 0.567585

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999708

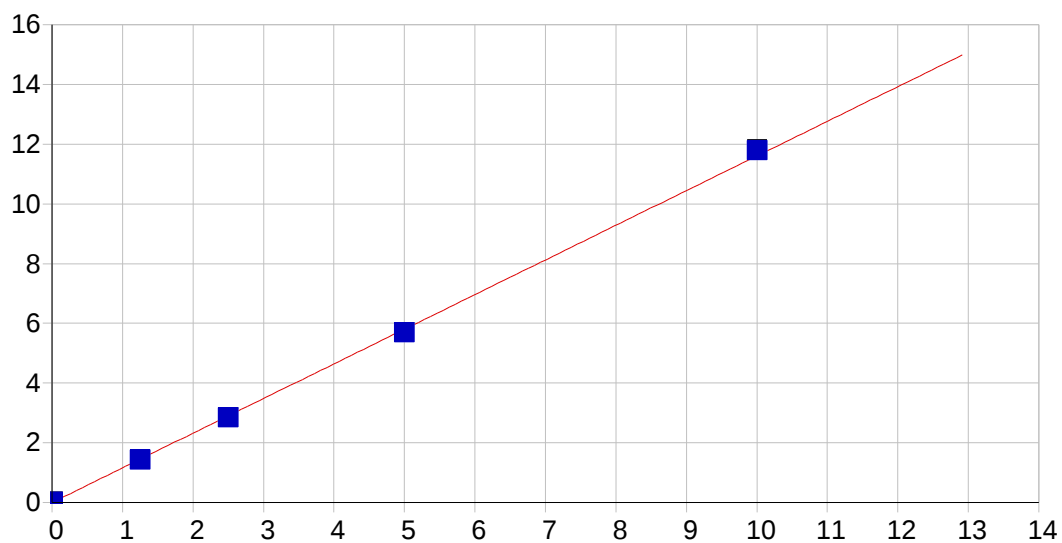
Status: OK.

Std Error of Est: 0.000212

Predicted MDL: 0.001276

Predicted MQL: 0.004253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.001	1
S1	.01000	.01138	.001	13.8	.00595	.001	1
S2	1.2500	1.3037	.054	4.30	.68337	.003	1
S3	2.5000	2.5834	.083	3.34	1.3535	.012	1
S4	5.0000	5.0491	.049	.981	2.6406	.009	1
S5	10.000	9.8123	-.188	-1.88	5.1194	.022	1



Mo 202.030 {467}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000382

Re-Slope: 1.000000

A1 (Gain): 1.160333

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999836

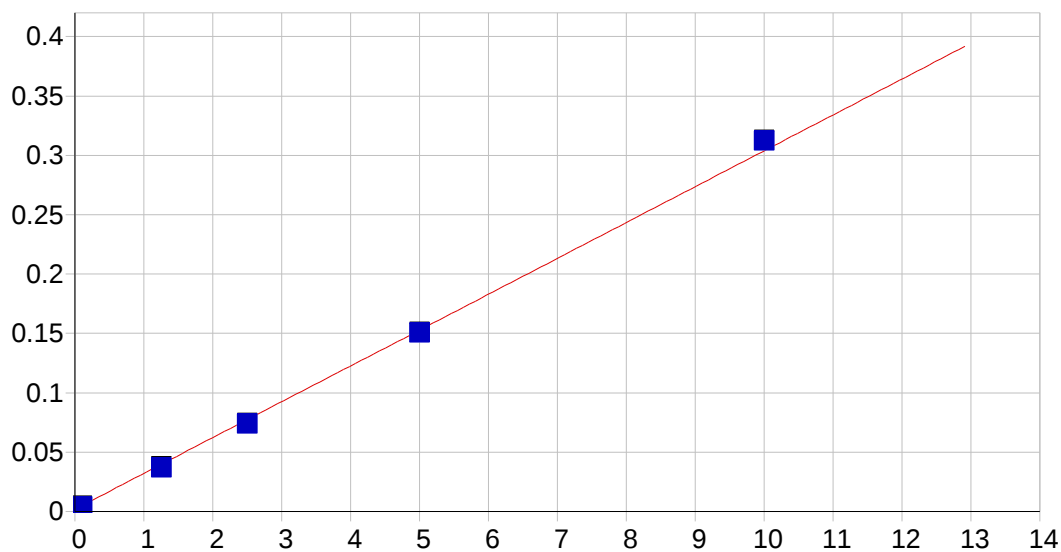
Status: OK.

Std Error of Est: 0.000352

Predicted MDL: 0.000290

Predicted MQL: 0.000966

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.01000	.01038	.000	3.83	.01242	.000	1
S2	1.2500	1.2276	-.022	-1.79	1.4247	.002	1
S3	2.5000	2.4520	-.048	-1.92	2.8454	.008	1
S4	5.0000	4.9010	-.099	-1.98	5.6869	.008	1
S5	10.000	10.169	.169	1.69	11.799	.014	1



S 182.034 {485}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001811

Re-Slope: 1.000000

A1 (Gain): 0.030200

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999438

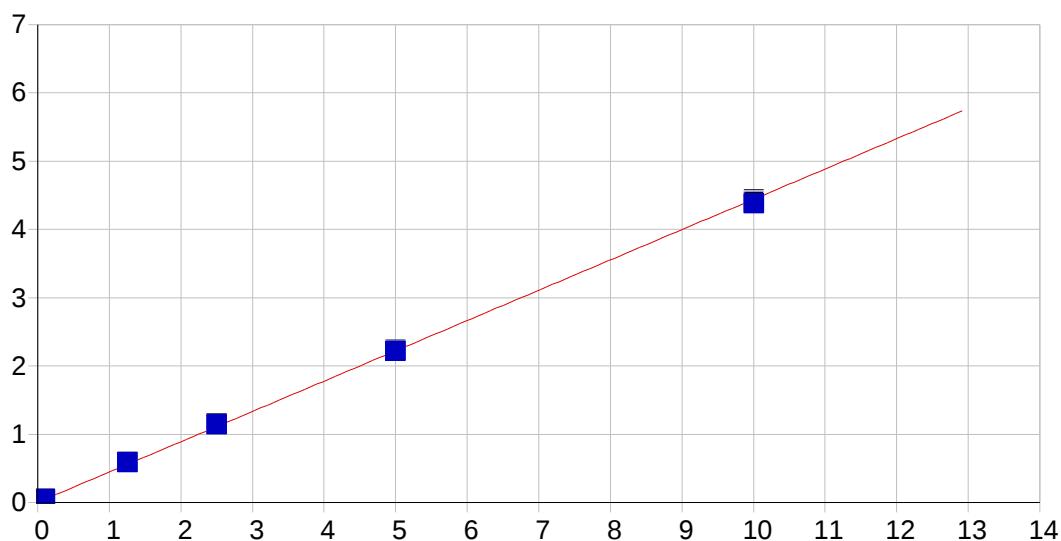
Status: OK.

Std Error of Est: 0.000054

Predicted MDL: 0.004376

Predicted MQL: 0.014585

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00181	.000	1
S1	.10000	.08527	-.015	-14.7	.00439	.000	1
S2	1.2500	1.1683	-.082	-6.53	.03711	.001	1
S3	2.5000	2.3915	-.108	-4.34	.07406	.000	1
S4	5.0000	4.9244	-.076	-1.51	.15058	.001	1
S5	10.000	10.280	.280	2.80	.31239	.000	1



Si 251.611 {134}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001840

Re-Slope: 1.000000

A1 (Gain): 0.443969

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999792

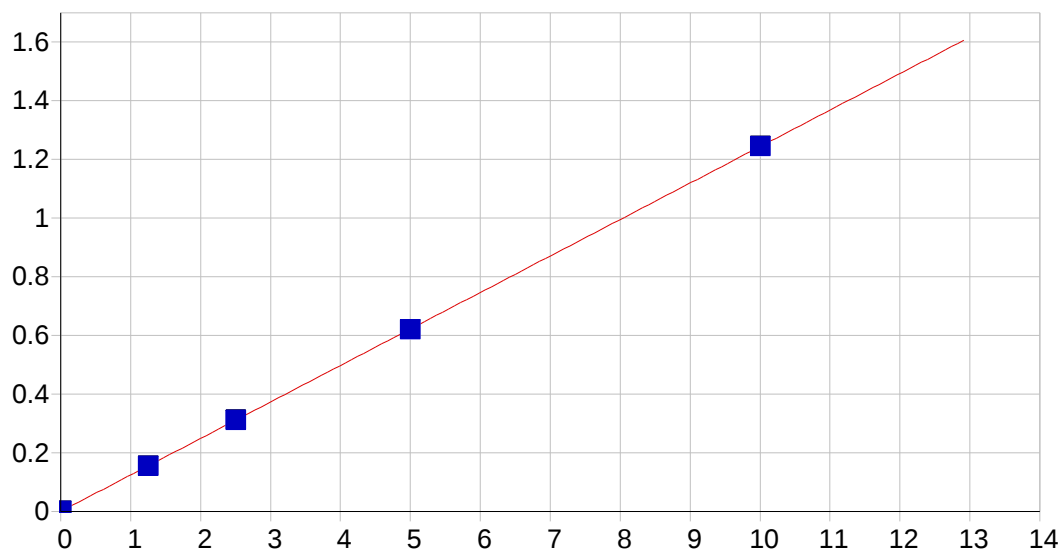
Status: OK.

Std Error of Est: 0.000485

Predicted MDL: 0.001483

Predicted MQL: 0.004943

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00184	.001	1
S1	.10000	.10516	.005	5.16	.04868	.001	1
S2	1.2500	1.3209	.071	5.67	.59284	.002	1
S3	2.5000	2.5686	.069	2.74	1.1513	.007	1
S4	5.0000	4.9886	-.011	-.228	2.2348	.003	1
S5	10.000	9.8668	-.133	-1.33	4.4188	.017	1



Sn 189.989 {478}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000222

Re-Slope: 1.000000

A1 (Gain): 0.124397

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999997

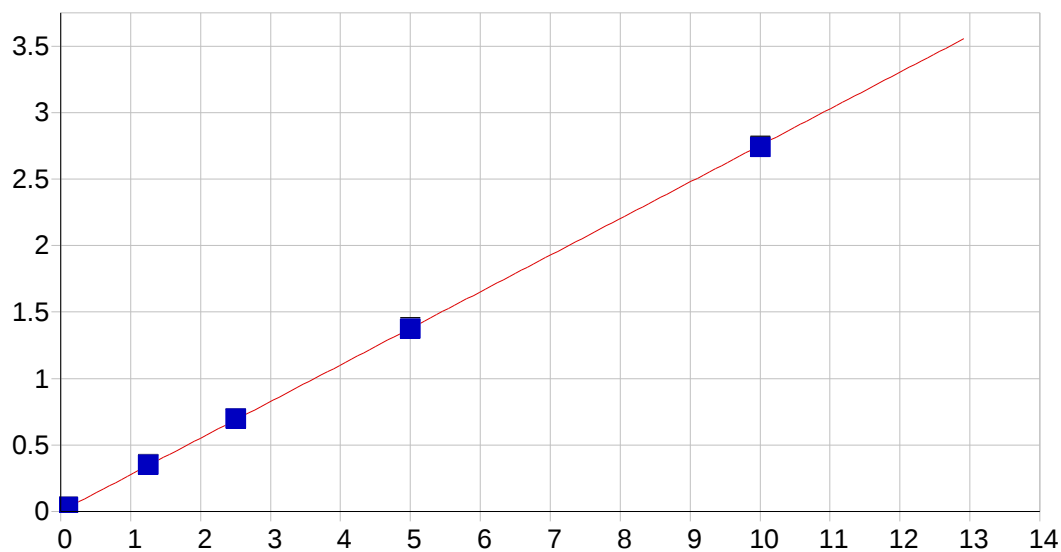
Status: OK.

Std Error of Est: 0.000004

Predicted MDL: 0.001075

Predicted MQL: 0.003583

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00700	.00757	.001	8.12	.00113	.000	1
S2	1.2500	1.2488	-.001	-.097	.15522	.000	1
S3	2.5000	2.5042	.004	.169	.31105	.001	1
S4	5.0000	4.9839	-.016	-.322	.61883	.001	1
S5	10.000	10.013	.013	.125	1.2430	.001	1



Ti 336.121 {100}

Date of Fit: 5/8/2018 18:15:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001452

Re-Slope: 1.000000

A1 (Gain): 0.275164

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999962

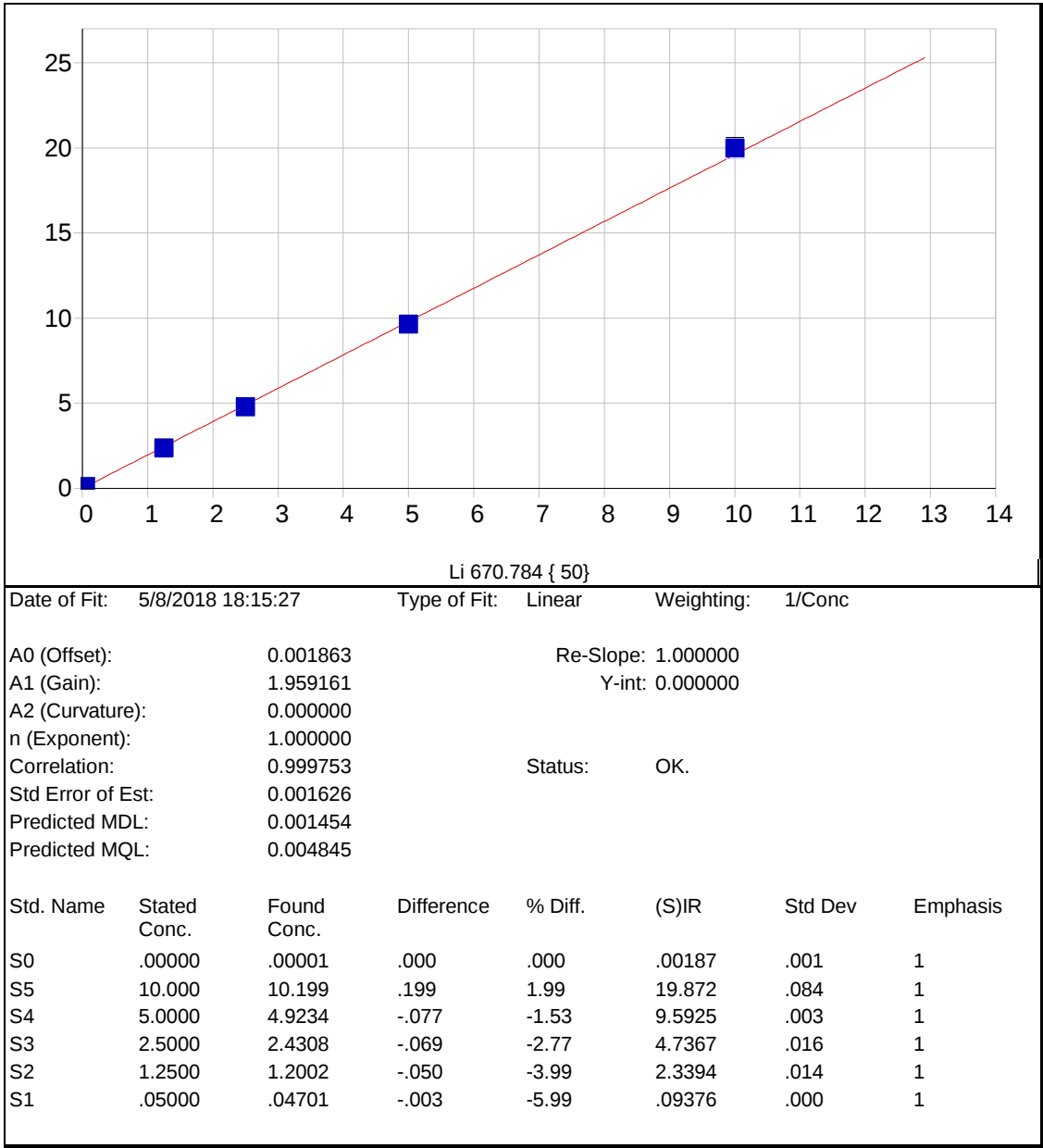
Status: OK.

Std Error of Est: 0.000127

Predicted MDL: 0.002259

Predicted MQL: 0.007531

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00145	.000	1
S1	.10000	.10747	.007	7.47	.03102	.000	1
S2	1.2500	1.2735	.024	1.88	.35175	.003	1
S3	2.5000	2.5231	.023	.925	.69547	.003	1
S4	5.0000	4.9891	-.011	-.217	1.3738	.009	1
S5	10.000	9.9567	-.043	-.433	2.7402	.006	1





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

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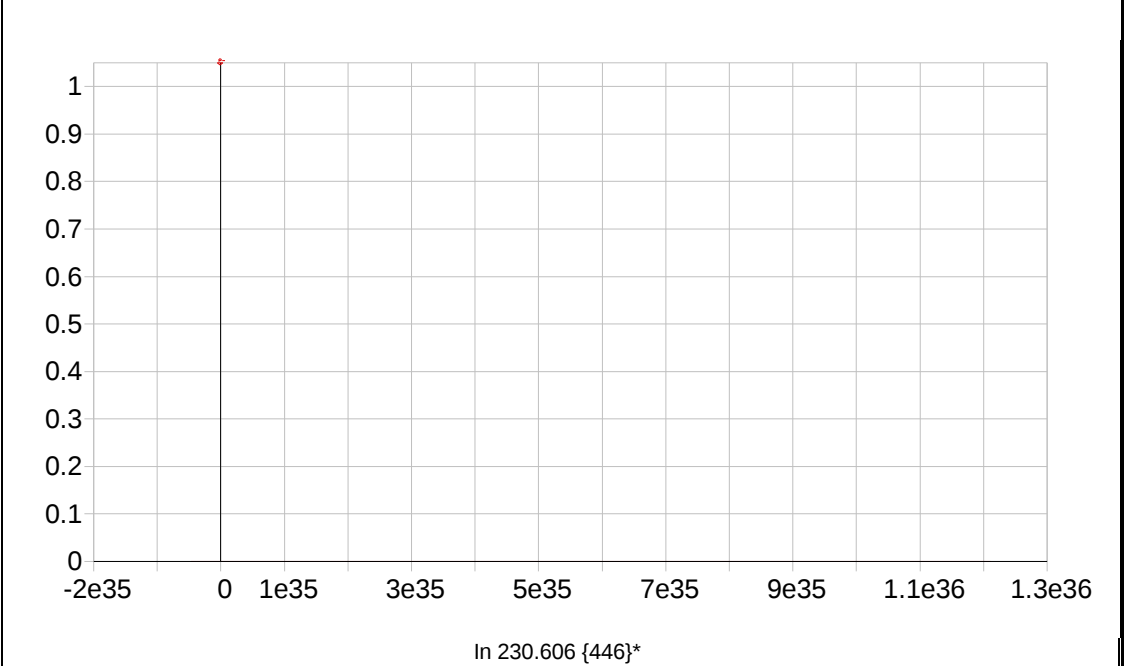
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



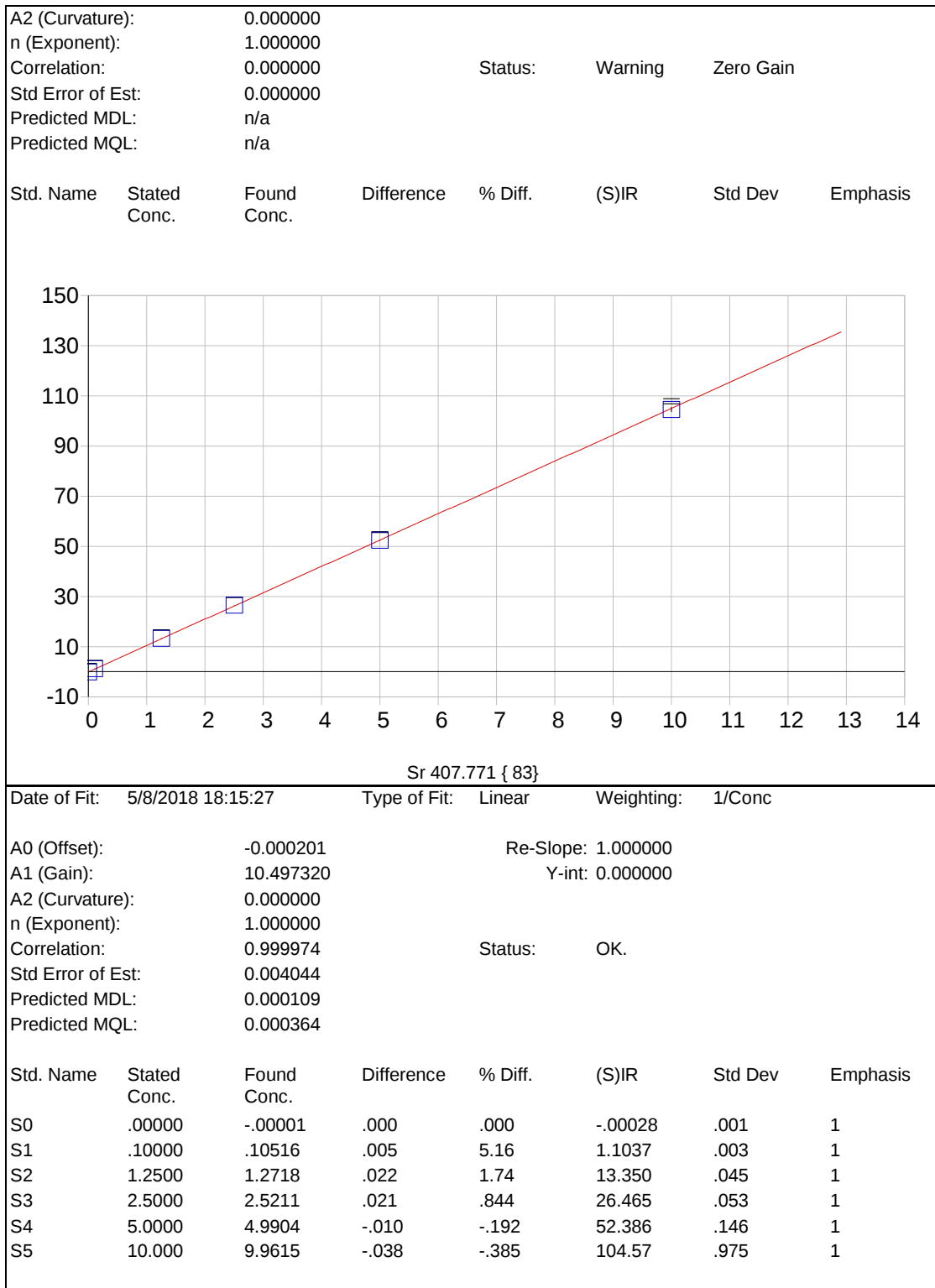


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 5/8/2018 16:46:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	-.00039	-.00020	-.00035	.00051	.00059	.00157	-.04647	-.00363
Stddev	.00024	.00003	.00002	.00020	.00027	.00078	.00542	.00037
%RSD	61.971	12.968	6.2164	38.671	45.949	49.635	11.660	10.123

#1	-.00065	-.00019	-.00034	.00028	.00057	.00067	-.04194	-.00361
#2	-.00034	-.00023	-.00034	.00062	.00087	.00205	-.04499	-.00328
#3	-.00018	-.00019	-.00038	.00062	.00033	.00200	-.05247	-.00401

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	.00080	.00171	-.00001	-.00054	.00115	.00018	-.00002	-.00033
Stddev	.00012	.00067	.00002	.00004	.00029	.00031	.00015	.00035
%RSD	14.446	38.971	307.40	6.4996	25.047	173.36	664.30	104.59

#1	.00082	.00169	-.00003	-.00050	.00145	-.00015	-.00019	.00004
#2	.00091	.00105	.00001	-.00055	.00112	.00022	.00011	-.00065
#3	.00068	.00238	.00000	-.00057	.00088	.00046	.00001	-.00038

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	-.00226	-.00064	-.00238	-.00029	.00237	.02429	-.00094	-.00040
Stddev	.00019	.00012	.00166	.00029	.00043	.00229	.00003	.00060
%RSD	8.3314	18.765	69.542	99.756	18.245	9.4265	3.2038	150.63

#1	-.00206	-.00076	-.00221	.00002	.00189	.02397	-.00096	.00029
#2	-.00229	-.00064	-.00082	-.00055	.00247	.02218	-.00096	-.00075
#3	-.00243	-.00052	-.00412	-.00034	.00274	.02673	-.00091	-.00073

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	.00038	.00181	.00184	.00022	.00145	.00187	-.00028	
Stddev	.00032	.00009	.00060	.00013	.00024	.00081	.00083	
%RSD	82.615	5.0059	32.435	60.304	16.499	43.264	299.73	

#1	.00036	.00175	.00228	.00007	.00169	.00096	.00058	
#2	.00008	.00177	.00116	.00033	.00144	.00215	-.00033	
#3	.00071	.00192	.00207	.00026	.00121	.00251	-.00107	

Sample Name: S0 Acquired: 5/8/2018 16:46:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	1572.0	1598.8	42131.	3740.4	2772.5
Stddev	9.1	6.1	96.	12.0	8.8
%RSD	.57721	.38227	.22808	.32093	.31766
#1	1563.1	1593.6	42118.	3753.7	2762.4
#2	1581.3	1597.3	42043.	3737.3	2775.9
#3	1571.5	1605.5	42233.	3730.3	2779.0

Sample Name: S1 Acquired: 5/8/2018 16:50:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.00019	.00145	.00149	.00361	.01430	.02358	.79038	.03820
Stddev	.00009	.00014	.00008	.00027	.00001	.00084	.00274	.00067
%RSD	45.956	9.6401	5.3428	7.4008	.08725	3.5620	.34725	1.7469

#1	.00028	.00131	.00141	.00330	.01432	.02424	.79273	.03793
#2	.00020	.00145	.00157	.00375	.01430	.02386	.79104	.03771
#3	.00010	.00159	.00148	.00378	.01429	.02263	.78736	.03896

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	.01416	.20028	.00167	.04081	.00395	.00180	.00307	.03035
Stddev	.00023	.00094	.00003	.00013	.00041	.00011	.00009	.00088
%RSD	1.6133	.47163	2.0817	.31304	10.382	6.2283	2.8410	2.8863

#1	.01441	.20136	.00166	.04096	.00366	.00178	.00299	.03021
#2	.01412	.19962	.00171	.04077	.00442	.00192	.00305	.02955
#3	.01396	.19987	.00164	.04071	.00377	.00169	.00316	.03129

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	.02534	.00134	.04626	.00369	.12105	.20644	-.00055	.00595
Stddev	.00029	.00003	.00259	.00059	.00029	.00067	.00004	.00108
%RSD	1.1465	2.3901	5.6035	15.909	.23880	.32242	6.7485	18.068

#1	.02560	.00131	.04720	.00301	.12129	.20586	-.00052	.00589
#2	.02503	.00135	.04825	.00404	.12073	.20628	-.00055	.00491
#3	.02539	.00137	.04333	.00402	.12115	.20717	-.00059	.00705

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	.01242	.00439	.04868	.00113	.03102	.09376	1.1037	
Stddev	.00033	.00009	.00091	.00020	.00024	.00040	.0025	
%RSD	2.6866	2.1128	1.8745	17.656	.76165	.42665	.22960	

#1	.01281	.00448	.04825	.00136	.03076	.09407	1.1040	
#2	.01220	.00429	.04973	.00099	.03123	.09331	1.1010	
#3	.01227	.00438	.04806	.00104	.03105	.09391	1.1060	

Sample Name: S1 Acquired: 5/8/2018 16:50:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	1594.5	1610.2	42353.	3712.9	2778.4
Stddev	2.7	2.7	73.	11.2	6.4
%RSD	.16693	.16633	.17323	.30223	.22867
#1	1595.7	1607.1	42435.	3700.5	2771.1
#2	1596.3	1612.2	42295.	3722.4	2781.3
#3	1591.4	1611.1	42329.	3715.7	2782.8

Sample Name: S2 Acquired: 5/8/2018 16:54:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.05454	.09096	1.0377	.10580	.27508	3.8668	9.9324	1.0090
Stddev	.00027	.00119	.0021	.00058	.00071	.0163	.0256	.0018
%RSD	.48852	1.3070	.20458	.55177	.25890	.42163	.25743	.18088

#1	.05485	.09038	1.0361	.10533	.27426	3.8729	9.9362	1.0096
#2	.05440	.09233	1.0368	.10645	.27559	3.8792	9.9559	1.0070
#3	.05439	.09017	1.0401	.10560	.27538	3.8484	9.9052	1.0105

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	1.6611	2.3470	.59816	.51683	.46560	.51658	.70891	.36578
Stddev	.0046	.0086	.00121	.00080	.00213	.00351	.00054	.00157
%RSD	.27671	.36442	.20285	.15444	.45697	.67899	.07638	.43016

#1	1.6588	2.3416	.59925	.51614	.46622	.51609	.70850	.36644
#2	1.6664	2.3569	.59685	.51771	.46736	.52031	.70871	.36693
#3	1.6582	2.3427	.59838	.51665	.46324	.51335	.70952	.36399

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	.40724	.05842	.35235	.04461	6.6280	1.4019	.30971	.68337
Stddev	.00086	.00030	.00244	.00047	.0165	.0045	.00177	.00283
%RSD	.21082	.50864	.69368	1.0545	.24835	.32373	.57099	.41441

#1	.40687	.05821	.35421	.04430	6.6271	1.4025	.30922	.68659
#2	.40822	.05876	.35327	.04515	6.6448	1.4062	.31167	.68224
#3	.40662	.05829	.34959	.04439	6.6119	1.3971	.30824	.68127

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	1.4247	.03711	.59284	.15522	.35175	2.3394	13.350	
Stddev	.0022	.00070	.00218	.00032	.00258	.0138	.045	
%RSD	.15689	1.8951	.36779	.20728	.73272	.58765	.33775	

#1	1.4224	.03720	.59403	.15557	.35203	2.3452	13.338	
#2	1.4268	.03776	.59032	.15517	.35418	2.3493	13.400	
#3	1.4251	.03636	.59417	.15494	.34905	2.3237	13.312	

Sample Name: S2 Acquired: 5/8/2018 16:54:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	1514.9	1540.6	40646.	3704.4	2537.0
Stddev	3.9	2.3	52.	10.9	2.6
%RSD	.25459	.15069	.12718	.29362	.10374
#1	1515.4	1541.3	40587.	3716.2	2540.0
#2	1510.8	1542.4	40681.	3694.7	2535.8
#3	1518.5	1538.0	40670.	3702.3	2535.2

Sample Name: S3 Acquired: 5/8/2018 16:58:13 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.11039	.17898	2.0716	.21180	.55251	7.7073	19.966	1.9854
Stddev	.00045	.00064	.0067	.00164	.00242	.0324	.083	.0160
%RSD	.40519	.35997	.32554	.77501	.43851	.42044	.41583	.80383

#1	.11071	.17857	2.0750	.21314	.55286	7.6744	19.877	1.9670
#2	.10988	.17972	2.0638	.20997	.54993	7.7082	19.979	1.9936
#3	.11060	.17865	2.0759	.21230	.55474	7.7392	20.042	1.9956

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	3.2942	4.6370	1.1693	1.0358	.92113	1.0080	1.3940	.72913
Stddev	.0029	.0171	.0020	.0044	.00452	.0047	.0056	.00110
%RSD	.08815	.36921	.17356	.42525	.49077	.47095	.40326	.15084

#1	3.2962	4.6205	1.1671	1.0394	.91602	1.0026	1.3889	.72940
#2	3.2909	4.6358	1.1710	1.0309	.92278	1.0100	1.3932	.72791
#3	3.2955	4.6547	1.1699	1.0370	.92460	1.0114	1.4000	.73006

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	.81225	.11765	.70075	.08839	12.805	2.8430	.61380	1.3535
Stddev	.00151	.00027	.00297	.00087	.058	.0089	.00140	.0122
%RSD	.18631	.23257	.42433	.97951	.45025	.31375	.22827	.90036

#1	.81398	.11796	.69741	.08739	12.863	2.8330	.61327	1.3397
#2	.81122	.11744	.70174	.08893	12.748	2.8458	.61539	1.3581
#3	.81154	.11754	.70310	.08885	12.805	2.8501	.61274	1.3628

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	2.8454	.07406	1.1513	.31105	.69547	4.7367	26.465	
Stddev	.0076	.00023	.0071	.00111	.00314	.0164	.053	
%RSD	.26720	.31263	.61730	.35673	.45221	.34668	.19856	

#1	2.8469	.07380	1.1437	.31037	.69217	4.7182	26.426	
#2	2.8372	.07422	1.1577	.31046	.69579	4.7424	26.444	
#3	2.8522	.07417	1.1526	.31233	.69844	4.7495	26.524	

Sample Name: S3 Acquired: 5/8/2018 16:58:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	1471.3	1480.6	39766.	3661.9	2404.6
Stddev	10.8	5.4	49.	11.6	5.5
%RSD	.73145	.36262	.12426	.31590	.23067
#1	1460.0	1476.3	39710.	3674.7	2398.8
#2	1481.5	1486.6	39804.	3652.1	2409.8
#3	1472.4	1478.8	39785.	3659.1	2405.3

Sample Name: S4 Acquired: 5/8/2018 17:02:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.22566	.34340	4.1155	.42299	1.1274	15.427	39.743	3.9088
Stddev	.00096	.00044	.0081	.00042	.0018	.056	.106	.0140
%RSD	.42383	.12956	.19789	.09830	.16073	.36287	.26752	.35853

#1	.22671	.34294	4.1093	.42314	1.1256	15.371	39.849	3.9109
#2	.22483	.34382	4.1125	.42252	1.1273	15.428	39.744	3.8938
#3	.22544	.34346	4.1247	.42330	1.1292	15.483	39.636	3.9216

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	6.4820	9.0534	2.2740	2.0561	1.8206	1.9841	2.7034	1.4699
Stddev	.0098	.0194	.0068	.0029	.0053	.0182	.0094	.0116
%RSD	.15108	.21402	.30077	.13889	.29045	.91947	.34693	.78677

#1	6.4809	9.0554	2.2722	2.0541	1.8147	1.9683	2.6936	1.4577
#2	6.4728	9.0717	2.2815	2.0547	1.8250	1.9800	2.7123	1.4713
#3	6.4923	9.0331	2.2681	2.0593	1.8220	2.0041	2.7045	1.4807

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	1.6070	.23708	1.4103	.17441	24.414	5.8000	1.1924	2.6406
Stddev	.0030	.00118	.0058	.00095	.205	.0059	.0049	.0089
%RSD	.18394	.49708	.40888	.54590	.83797	.10161	.41003	.33682

#1	1.6066	.23691	1.4041	.17352	24.362	5.7990	1.1880	2.6509
#2	1.6043	.23834	1.4114	.17431	24.640	5.7946	1.1977	2.6356
#3	1.6102	.23600	1.4155	.17541	24.241	5.8062	1.1916	2.6353

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	5.6869	.15058	2.2348	.61883	1.3738	9.5925	52.386	
Stddev	.0077	.00058	.0030	.00072	.0086	.0029	.146	
%RSD	.13500	.38193	.13395	.11680	.62750	.02992	.27932	

#1	5.6847	.15010	2.2343	.61801	1.3655	9.5915	52.264	
#2	5.6806	.15122	2.2321	.61936	1.3731	9.5958	52.548	
#3	5.6955	.15043	2.2380	.61913	1.3827	9.5903	52.345	

Sample Name: S4 Acquired: 5/8/2018 17:02:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	1395.5	1401.7	38504.	3638.5	2268.3
Stddev	12.2	1.3	184.	7.5	.2
%RSD	.87536	.09618	.47730	.20736	.00699
#1	1402.4	1400.2	38615.	3645.2	2268.2
#2	1381.4	1402.8	38292.	3640.0	2268.5
#3	1402.7	1402.0	38604.	3630.3	2268.3

Sample Name: S5 Acquired: 5/8/2018 17:05:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.48241	.66356	8.2811	.88826	2.4073	31.555	79.797	7.7474
Stddev	.00079	.00126	.0039	.00161	.0016	.108	1.060	.0354
%RSD	.16390	.19054	.04675	.18114	.06635	.34214	1.3277	.45669

#1	.48196	.66488	8.2789	.88644	2.4063	31.676	80.455	7.7620
#2	.48194	.66236	8.2789	.88947	2.4091	31.469	78.575	7.7071
#3	.48332	.66343	8.2856	.88888	2.4065	31.519	80.362	7.7732

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	12.879	18.054	4.4199	4.1322	3.6596	3.9054	5.2977	2.9899
Stddev	.024	.030	.0086	.0117	.0086	.0284	.0043	.0187
%RSD	.18432	.16428	.19465	.28359	.23549	.72780	.08130	.62470

#1	12.894	18.075	4.4287	4.1321	3.6673	3.9382	5.2949	3.0114
#2	12.851	18.020	4.4195	4.1206	3.6503	3.8898	5.3026	2.9780
#3	12.891	18.066	4.4115	4.1440	3.6613	3.8882	5.2956	2.9802

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1935	.49017	2.8644	.34889	45.298	12.051	2.3813	5.1194
Stddev	.0035	.00191	.0034	.00259	.175	.038	.0020	.0219
%RSD	.11087	.38943	.11744	.74102	.38603	.31164	.08469	.42834

#1	3.1974	.48849	2.8632	.35183	45.225	12.065	2.3832	5.1192
#2	3.1905	.49225	2.8617	.34786	45.498	12.009	2.3815	5.0975
#3	3.1927	.48976	2.8681	.34699	45.172	12.080	2.3792	5.1414

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	11.799	.31239	4.4188	1.2430	2.7402	19.872	104.57	
Stddev	.014	.00031	.0167	.0007	.0064	.084	.97	
%RSD	.11460	.09836	.37751	.05396	.23336	.42300	.93225	

#1	11.792	.31274	4.4244	1.2427	2.7475	19.906	104.23	
#2	11.791	.31218	4.4000	1.2425	2.7361	19.777	103.81	
#3	11.815	.31225	4.4319	1.2438	2.7368	19.934	105.67	

Sample Name: S5 Acquired: 5/8/2018 17:05:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	1285.3	1262.8	37028.	3582.3	2084.9
Stddev	8.9	.5	266.	5.7	3.9
%RSD	.68958	.03853	.71872	.16011	.18530
#1	1290.5	1262.4	36900.	3580.0	2081.4
#2	1275.0	1262.7	36850.	3578.1	2089.1
#3	1290.3	1263.3	37334.	3588.8	2084.3

Sample Name: S6 Acquired: 5/8/2018 17:09:54 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	82.775	29.726	10.164	4.8599	7.8323
Stddev	.547	.038	.109	.0481	.0450
%RSD	.66079	.12626	1.0684	.99056	.57502

#1	82.386	29.732	10.052	4.8178	7.7962
#2	82.539	29.685	10.170	4.8495	7.8180
#3	83.401	29.760	10.269	4.9124	7.8828

Int. Std.	Y_3710
Units	Cts/S
Avg	3513.7
Stddev	7.1
%RSD	.20131

#1	3508.0
#2	3511.5
#3	3521.6

Sample Name: ICV Acquired: 5/8/2018 17:14:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.9674567	1.123396	.9863097	1.004848	.9590021	2.418212
Stddev	.0046027	.011179	.0023671	.003397	.0013964	.012178
%RSD	.4757494	.9950667	.2399914	.3380649	.1456050	.5035996

#1	.9690306	1.122118	.9843892	1.005593	.9574013	2.410524
#2	.9710660	1.112911	.9855856	1.007812	.9599694	2.411859
#3	.9622736	1.135158	.9889542	1.001141	.9596356	2.432253

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5189620	.5094594	.5117979	10.60332	.5176214	.5054789
Stddev	.0032124	.0024477	.0016611	.00447	.0024786	.0008186
%RSD	.6190058	.4804569	.3245578	.0421800	.4788466	.1619461

#1	.5196892	.5122307	.5103315	10.59926	.5186931	.5046282
#2	.5154483	.5075926	.5114606	10.60812	.5193838	.5062611
#3	.5217484	.5085550	.5136018	10.60258	.5147872	.5055474

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5217830	5.554303	.5367167	5.849842	.5196983	.5034115
Stddev	.0020700	.056325	.0035111	.186580	.0018337	.0014992
%RSD	.3967171	1.014071	.6541791	3.189494	.3528467	.2978051

#1	.5236771	5.493860	.5327386	5.794795	.5177695	.5016831
#2	.5195734	5.605319	.5380285	5.696978	.5199061	.5043594
#3	.5220985	5.563729	.5393831	6.057753	.5214192	.5041919

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.892908	.5272016	1.063085	9.765841	F .0138785	F .0169807
Stddev	.180848	.0020108	.001615	.066389	.0004459	.0006182
%RSD	1.828054	.3814149	.1519036	.6798091	3.212555	3.640923

#1	10.10152	.5254357	1.063370	9.797358	.0143862	.0162851
#2	9.78037	.5293901	1.061346	9.689564	.0136987	.0174675
#3	9.79684	.5267790	1.064538	9.810602	.0135507	.0171895

Sample Name: ICV Acquired: 5/8/2018 17:14:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000158	-.007747	.0060117	F -.000258	-.000251	.0062045
Stddev	.000308	.003620	.0005785	.000856	.002192	.0008514
%RSD	194.6130	46.72984	9.622942	331.1392	873.1811	13.72310
#1	-.000229	-.005544	.0062114	-.000875	-.002778	.0063654
#2	-.000425	-.005771	.0064638	.000719	.000888	.0069639
#3	.000179	-.011925	.0053598	-.000619	.001137	.0052840

Elem	Sr4077
Units	ppm
Avg	.0120989
Stddev	.0001258
%RSD	1.040080
#1	.0122354
#2	.0119875
#3	.0120737

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1593.380	1607.568	42489.65	3830.833	2751.244
Stddev	4.838	2.398	77.41	12.575	3.857
%RSD	.3036451	.1491925	.1821878	.3282597	.1401993
#1	1597.694	1610.152	42571.58	3817.825	2754.149
#2	1588.149	1605.414	42417.74	3842.925	2752.716
#3	1594.298	1607.136	42479.63	3831.750	2746.868

Sample Name: ICB Acquired: 5/8/2018 17:18:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0046394	-.001945	.0004680	-.002852	-.000077	-.005760	.0017421
Stddev	.0034413	.000986	.0015129	.000677	.000699	.001087	.0006166
%RSD	74.17415	50.71088	323.2588	23.73786	903.9261	18.87873	35.39503

#1	.0066178	-.002308	.0016212	-.003621	-.000624	-.004511	.0024144
#2	.0006658	-.000829	.0010278	-.002593	-.000318	-.006498	.0016091
#3	.0066347	-.002699	-.001245	-.002343	.000710	-.006270	.0012028

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000159	-.000019	.0266825	.0001515	-.000185	-.003601	-.002787
Stddev	.0000768	.000021	.0176717	.0005473	.000238	.004950	.032952
%RSD	482.2906	111.9671	66.22958	361.2832	128.6999	137.4837	1182.221

#1	.0001015	-.000018	.0272311	-.000442	-.000456	-.007441	-.032778
#2	-.000047	.000002	.0087429	.000637	-.000084	-.005348	.032487
#3	-.000006	-.000040	.0440736	.000259	-.000014	.001986	-.008071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003031	.0339700	.0002842	-.000116	.1212925	.0028199	-.000282
Stddev	.0008975	.0366045	.0003543	.000277	.1744507	.0067406	.000273
%RSD	296.1510	107.7552	124.7009	239.3338	143.8265	239.0375	96.99815

#1	.0005469	.0082832	.0002027	-.000016	.0826434	.0010208	-.000030
#2	-.000691	.0177441	-.000022	-.000429	-.030593	.0102776	-.000243
#3	.001053	.0758828	.000672	.000098	.311827	-.002839	-.000573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654330	-.000315	.0085840	.0000673	-.013016	.0017184	.0007342
Stddev	.0588795	.000206	.0013158	.0001344	.003714	.0013401	.0002457
%RSD	89.98436	65.48289	15.32844	199.6714	28.53338	77.98788	33.46476

#1	.0538180	-.000340	.0070677	-.000058	-.017274	.0021168	.0008559
#2	.0132266	-.000507	.0092583	.000050	-.011331	.0028140	.0004514
#3	.1292544	-.000097	.0094259	.000210	-.010444	.0002242	.0008953

Sample Name: ICB Acquired: 5/8/2018 17:18:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0016268	.0022074	.0001072
Stddev	.0011526	.0007795	.0001388
%RSD	70.85132	35.31423	129.4313

#1	.0008347	.0016862	.0001982
#2	.0029492	.0018325	.0001761
#3	.0010967	.0031036	-.000053

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1611.795	1629.545	42827.21	3754.475	2804.612
Stddev	9.851	2.340	143.35	8.269	5.724
%RSD	.6111959	.1436229	.3347110	.2202376	.2040888

#1	1607.193	1627.167	42671.79	3751.475	2801.757
#2	1623.105	1631.846	42855.63	3763.825	2811.201
#3	1605.087	1629.621	42954.23	3748.125	2800.876

Sample Name: ICSA Acquired: 5/8/2018 17:22:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052193	-.000382	-.005183	-.021545	.0041501	244.0317
Stddev	.0130681	.002069	.000419	.007066	.0036860	.5861
%RSD	250.3822	541.3284	8.081967	32.79527	88.81676	.2401790

#1	.0201128	-.000404	-.005324	-.020069	.0015306	244.0480
#2	-.000126	-.002441	-.005513	-.015334	.0083651	243.4376
#3	-.004329	.001698	-.004712	-.029232	.0025547	244.6095

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078472	.0010501	-.000087	255.3601	.0483489	-.000525
Stddev	.0003822	.0000722	.000161	1.1066	.0003594	.000629
%RSD	4.870727	6.877842	184.9357	.4333352	.7434495	119.9542

#1	.0078473	.0010171	-.000054	255.9253	.0479485	-.001222
#2	.0074650	.0010004	-.000262	254.0850	.0484546	-.000000
#3	.0082294	.0011330	.000055	256.0698	.0486437	-.000351

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006467	103.3707	.0089002	253.3228	-.000449	F -.010218
Stddev	.004919	.2060	.0007983	1.0894	.000128	.000515
%RSD	76.06279	.1992367	8.969036	.4300564	28.55150	5.040463

#1	-.000789	103.4705	.0085301	253.9461	-.000329	-.010086
#2	-.009189	103.5078	.0083542	252.0648	-.000584	-.009781
#3	-.009424	103.1339	.0098164	253.9574	-.000435	-.010786

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9173094	.0005111	-.014667	-.104268	-.006104	F .0962898
Stddev	.0450861	.0032530	.000529	.058430	.000198	.0049366
%RSD	4.915035	636.5330	3.609444	56.03854	3.247873	5.126843

#1	.9664036	-.001483	-.015130	-.083969	-.005982	.0961683
#2	.9077646	-.001249	-.014090	-.058694	-.006333	.1012861
#3	.8777599	.004265	-.014782	-.170140	-.005997	.0914151

Sample Name: ICSA Acquired: 5/8/2018 17:22:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012011	-.009771	-.000303	-.004395	-.002202	.0055271
Stddev	.0004141	.007016	.000125	.000533	.000581	.0002855
%RSD	34.47814	71.80558	41.40121	12.12753	26.40286	5.165092

#1	.0016793	-.005004	-.000164	-.004194	-.002236	.0052806
#2	.0009616	-.006482	-.000407	-.005000	-.002765	.0054610
#3	.0009624	-.017828	-.000337	-.003992	-.001604	.0058399

Elem	Sr4077
Units	ppm
Avg	.1037943
Stddev	.0005104
%RSD	.4917051

#1	.1043759
#2	.1034214
#3	.1035855

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1480.125	1502.179	39238.44	3658.980	2362.355
Stddev	6.708	4.554	102.43	19.264	3.047
%RSD	.4531970	.3031635	.2610556	.5264719	.1289624

#1	1480.946	1497.034	39179.52	3652.645	2358.837
#2	1473.045	1503.809	39179.08	3680.614	2364.105
#3	1486.385	1505.694	39356.72	3643.683	2364.122

Sample Name: ICSAB Acquired: 5/8/2018 17:26:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0918173	.1054171	.0440860	.0301299	.5676864	241.2525
Stddev	.0046259	.0007913	.0037318	.0038758	.0023376	.5729
%RSD	5.038150	.7506197	8.464890	12.86356	.4117803	.2374665

#1	.0934384	.1049286	.0446879	.0258640	.5649872	240.7361
#2	.0865990	.1049926	.0474802	.0334347	.5690286	241.1526
#3	.0954144	.1063300	.0400898	.0310910	.5690435	241.8688

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5224372	.5152648	1.019937	251.8870	.6176138	.5082696
Stddev	.0014788	.0039290	.001777	.4116	.0022003	.0017269
%RSD	.2830552	.7625211	.1742093	.1633966	.3562556	.3397623

#1	.5226121	.5126896	1.018260	251.4710	.6191778	.5070847
#2	.5238207	.5133176	1.019752	251.8959	.6185658	.5074730
#3	.5208787	.5197871	1.021799	252.2940	.6150978	.5102510

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5104938	102.5955	.5345947	249.9740	1.055107	.1966954
Stddev	.0063386	.4252	.0052008	.9927	.002758	.0002647
%RSD	1.241656	.4144077	.9728419	.3971388	.2613933	.1345584

#1	.5034332	102.1365	.5310982	248.9324	1.053017	.1969646
#2	.5123542	102.6740	.5321146	250.0802	1.054071	.1966860
#3	.5156939	102.9759	.5405712	250.9093	1.058233	.1964355

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3366307	.5126785	1.030620	-.094027	.0068505	F .0944589
Stddev	.1883842	.0076441	.001665	.005830	.0002190	.0005792
%RSD	55.96168	1.491023	.1615808	6.200296	3.196150	.6131624

#1	.1202029	.5196719	1.032530	-.100668	.0070772	.0938756
#2	.4637615	.5045179	1.029859	-.091664	.0066403	.0944673
#3	.4259279	.5138458	1.029472	-.089750	.0068339	.0950339

Sample Name: ICSAB Acquired: 5/8/2018 17:26:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0086282	.0222690	.0012941	-.004722	-.002526	.0064014
Stddev	.0006333	.0050939	.0003421	.001587	.003136	.0002602
%RSD	7.340186	22.87441	26.43257	33.59952	124.1134	4.064579

#1	.0088692	.0276456	.0016469	-.003079	.000809	.0063869
#2	.0091056	.0216464	.0012717	-.006245	-.002975	.0066685
#3	.0079097	.0175151	.0009639	-.004841	-.005413	.0061487

Elem	Sr4077
Units	ppm
Avg	.1024162
Stddev	.0005127
%RSD	.5006214

#1	.1018250
#2	.1026838
#3	.1027397

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1480.536	1514.105	39434.51	3671.817	2388.446
Stddev	4.222	4.149	237.34	30.249	5.360
%RSD	.2851690	.2740343	.6018694	.8238207	.2244116

#1	1475.904	1517.389	39161.86	3676.845	2391.488
#2	1484.169	1515.483	39546.87	3699.237	2391.592
#3	1481.534	1509.442	39594.82	3639.368	2382.257

Sample Name: CCV052 Acquired: 5/8/2018 17:30:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.874819	4.898217	24.60350	4.769665	4.869626	409.5070
Stddev	.020582	.010668	.01670	.005426	.008390	2.4013
%RSD	.4222057	.2177895	.0678966	.1137623	.1722940	.5863903

#1	4.869736	4.908022	24.58781	4.763405	4.873055	407.0478
#2	4.857255	4.899771	24.60164	4.772552	4.875758	409.6271
#3	4.897466	4.886857	24.62106	4.773036	4.860064	411.8460

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00044	.5066836	2.495089	405.6380	15.11064	2.504638
Stddev	.03794	.0009836	.002127	1.0549	.03233	.002834
%RSD	.3794041	.1941338	.0852569	.2600677	.2139322	.1131546

#1	9.95681	.5078194	2.494775	404.4408	15.14626	2.504519
#2	10.01881	.5061096	2.493137	406.4314	15.08316	2.501865
#3	10.02570	.5061219	2.497357	406.0419	15.10250	2.507529

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96635	415.6027	14.89000	404.8379	2.490133	1.250056
Stddev	.04121	3.7277	.00935	2.6997	.001317	.005904
%RSD	.2753220	.8969338	.0627725	.6668707	.0528759	.4723014

#1	14.91889	411.3554	14.90037	401.8695	2.488992	1.243251
#2	14.99308	417.1211	14.88223	405.4975	2.489833	1.253105
#3	14.98707	418.3315	14.88739	407.1468	2.491573	1.253811

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.3167	2.458431	15.53010	157.1227	F 6.175466	5.182490
Stddev	3.5076	.017077	.04872	.9333	.011155	.023393
%RSD	.8611571	.6946307	.3137195	.5940049	.1806364	.4513804

#1	404.4090	2.439071	15.48598	156.2623	6.172992	5.162178
#2	406.3287	2.471352	15.52193	156.9910	6.187651	5.177226
#3	411.2124	2.464870	15.58238	158.1149	6.165756	5.208066

Sample Name: CCV052 Acquired: 5/8/2018 17:30:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.852456	5.109432	4.904813	4.989798	4.968452	5.081303
Stddev	.001747	.028843	.017982	.013341	.036450	.030469
%RSD	.0359994	.5645142	.3666243	.2673642	.7336240	.5996293

#1	4.854385	5.119243	4.901032	4.974542	4.936333	5.051675
#2	4.852004	5.132089	4.889021	4.999274	4.960958	5.079686
#3	4.850980	5.076962	4.924385	4.995579	5.008067	5.112549

Elem	Sr4077
Units	ppm
Avg	5.024446
Stddev	.013297
%RSD	.2646492

#1	5.010219
#2	5.026560
#3	5.036560

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.395	1349.399	37072.50	3570.126	2119.148
Stddev	5.289	2.764	44.88	5.045	2.087
%RSD	.3934119	.2048024	.1210656	.1413228	.0984681

#1	1349.895	1346.242	37030.07	3569.467	2117.364
#2	1343.943	1351.380	37119.48	3575.469	2121.443
#3	1339.346	1350.575	37067.94	3565.443	2118.638

Sample Name: CCB052 Acquired: 5/8/2018 17:34:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003602	-.001047	.0017563	.0028855	.0007618	.0122410
Stddev	.0038144	.000909	.0014801	.0035130	.0010885	.0145451
%RSD	1058.994	86.84584	84.27785	121.7458	142.8825	118.8230

#1	.0008608	-.001852	.0018006	.0032900	.0020132	.0030327
#2	.0038995	-.000061	.0032137	.0061788	.0002373	.0290092
#3	-.003680	-.001227	.0002545	-.000812	.0000349	.0046809

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020568	-.000009	.0000136	.0112411	.0000065	.0002055
Stddev	.0008573	.000047	.0001193	.0145133	.0003226	.0002791
%RSD	41.68079	517.1265	878.6804	129.1087	4982.148	135.7825

#1	.0028406	-.000061	.0001460	.0062343	.0001456	.0001491
#2	.0011412	.000003	-.000020	.0275950	-.000362	-.000041
#3	.0021885	.000031	-.000085	-.000106	.000236	.000508

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002157	.0080503	.0002933	-.054989	.0004584	-.000388
Stddev	.002915	.0160139	.0004976	.026788	.0002196	.000858
%RSD	135.1403	198.9226	169.6555	48.71434	47.91567	221.0465

#1	.000571	-.005375	.0000369	-.042734	.0002057	-.001227
#2	-.001813	.025775	-.000024	-.036521	.0006034	.000488
#3	-.005228	.003751	.000867	-.085712	.0005660	-.000425

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1762255	.0026099	-.000200	.1223268	.0003007	F .0109826
Stddev	.0966026	.0047658	.000284	.0400045	.0003342	.0009221
%RSD	54.81763	182.6072	141.9997	32.70301	111.1362	8.396356

#1	.0721288	-.001289	-.000006	.1680755	-.000036	.0110378
#2	.1935611	.001195	-.000067	.0939159	.000632	.0118758
#3	.2629866	.007923	-.000525	.1049889	.000305	.0100340

Sample Name: CCB052 Acquired: 5/8/2018 17:34:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003876	-.015672	.0001521	-.000177	.0008780	.0038985
Stddev	.0002622	.004000	.0009679	.000635	.0016385	.0008413
%RSD	67.66298	25.52592	636.2157	358.5968	186.6081	21.57979

#1	.0003386	-.012817	-.000198	.000227	.0013608	.0047828
#2	.0001533	-.020244	.001247	.000150	.0022208	.0031081
#3	.0006708	-.013954	-.000592	-.000908	-.000948	.0038045

Elem	Sr4077
Units	ppm
Avg	.0001729
Stddev	.0000696
%RSD	40.25474

#1	.0001802
#2	.0001000
#3	.0002386

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.529	1607.831	42916.29	3740.983	2783.036
Stddev	9.618	34.928	53.51	4.954	57.211
%RSD	.5982985	2.172368	.1246731	.1324166	2.055697

#1	1608.490	1569.015	42857.82	3738.825	2719.603
#2	1597.467	1636.723	42928.27	3737.475	2830.731
#3	1616.630	1617.756	42962.80	3746.650	2798.773

Sample Name: PB108855BL Acquired: 5/8/2018 17:38:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0008441	-.001273	.0022820	-.001511	.0003227	-.002526	.0015176
Stddev	.0041488	.000813	.0006092	.000956	.0015929	.013159	.0008929
%RSD	491.5014	63.85547	26.69745	63.29012	493.5959	520.8998	58.83415

#1	-.003688	-.000646	.0016168	-.001188	-.000737	.012626	.0022982
#2	.004456	-.002191	.0028129	-.000758	.002155	-.011087	.0005440
#3	.001764	-.000981	.0024164	-.002586	-.000450	-.009118	.0017107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000791	-.000073	.0242724	.0003705	-.000020	-.001919	-.001185
Stddev	.0000214	.000019	.0092368	.0002651	.000219	.002655	.016487
%RSD	27.02665	26.46009	38.05449	71.55651	1105.096	138.3646	1391.280

#1	.0001024	-.000067	.0346970	.0000853	-.000038	-.004006	-.004865
#2	.0000747	-.000095	.0171072	.0004168	-.000229	.001070	.016831
#3	.0000603	-.000058	.0210131	.0006095	.000208	-.002821	-.015522

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014377	-.026052	.0004260	-.000381	.0924861	.0000151	-.000355
Stddev	.0012656	.007468	.0002681	.000266	.1264746	.0069495	.000236
%RSD	88.02638	28.66610	62.92022	69.72519	136.7499	46087.56	66.45425

#1	-.000019	-.030468	.0002052	-.000192	.2107354	-.002166	-.000615
#2	.002266	-.017429	.0007243	-.000684	-.040859	-.005583	-.000294
#3	.002066	-.030258	.0003486	-.000266	.107582	.007793	-.000155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0808670	-.000174	.0061895	-.000050	-.015051	.0012626	.0000455
Stddev	.0487592	.000100	.0007447	.000309	.002375	.0010960	.0011353
%RSD	60.29557	57.15765	12.03151	617.2023	15.78225	86.80654	2494.593

#1	.1348838	-.000236	.0068431	.000189	-.017123	.0025281	.0009044
#2	.0676097	-.000227	.0053788	-.000399	-.012459	.0006309	.0004737
#3	.0401074	-.000059	.0063465	.000059	-.015571	.0006287	-.001242

Sample Name: PB108855BL Acquired: 5/8/2018 17:38:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0031903	.0013586	-.000007
Stddev	.0020139	.0003266	.000083
%RSD	63.12722	24.03624	1182.349

#1	.0049010	.0013985	.000060
#2	.0009707	.0010140	.000019
#3	.0036991	.0016634	-.000100

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.828	1625.247	43172.89	3766.767	2807.797
Stddev	4.706	7.749	79.98	10.915	5.173
%RSD	.2926898	.4768170	.1852553	.2897815	.1842240

#1	1612.955	1616.440	43265.22	3767.850	2802.298
#2	1606.822	1631.022	43124.73	3755.350	2812.566
#3	1603.705	1628.279	43128.74	3777.100	2808.526

Sample Name: PB108855BS Acquired: 5/8/2018 17:42:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0169221	.0479740	.0216486	.0643344	.1150785	.4028052
Stddev	.0009751	.0014127	.0022041	.0039497	.0028104	.0076551
%RSD	5.762043	2.944655	10.18113	6.139370	2.442118	1.900437

#1	.0168346	.0487416	.0229051	.0602283	.1156280	.4034039
#2	.0179380	.0463437	.0191036	.0646684	.1120339	.4101434
#3	.0159938	.0488367	.0229372	.0681065	.1175735	.3948684

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3999782	.0098079	.0099019	10.36346	.0211851	.0974183
Stddev	.0008779	.0001182	.0001621	.00254	.0005146	.0007112
%RSD	.2194818	1.205432	1.637388	.0245100	2.428864	.7300897

#1	.4002701	.0097971	.0097175	10.36064	.0206651	.0974414
#2	.3989916	.0096955	.0099660	10.36556	.0211963	.0966958
#3	.4006730	.0099312	.0100222	10.36419	.0216940	.0981177

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517177	.2255533	.0337883	9.756257	.0816399	.0195816
Stddev	.0030570	.0194384	.0011571	.200634	.0004116	.0002389
%RSD	5.910856	8.618098	3.424410	2.056469	.5041471	1.220022

#1	.0507170	.2036745	.0329289	9.664553	.0819536	.0197094
#2	.0551495	.2321519	.0351039	9.617862	.0811739	.0193060
#3	.0492865	.2408333	.0333321	9.986356	.0817923	.0197295

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.777442	.1083731	.1276145	9.143068	F .0054258	F .0243603
Stddev	.279223	.0034147	.0014371	.097873	.0001632	.0008661
%RSD	2.855791	3.150915	1.126116	1.070464	3.007427	3.555482

#1	10.09863	.1053089	.1267141	9.042872	.0052374	.0249338
#2	9.64129	.1077562	.1268575	9.147890	.0055233	.0247831
#3	9.59242	.1120543	.1292718	9.238441	.0055166	.0233640

Sample Name: PB108855BS Acquired: 5/8/2018 17:42:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0204733	.1482293	.1911493	F .0143519	.2065682	.0900739
Stddev	.0001702	.0064628	.0013561	.0006351	.0029837	.0004079
%RSD	.8315883	4.359999	.7094396	4.425353	1.444435	.4528988

#1	.0204770	.1420412	.1903261	.0136798	.2032509	.0898720
#2	.0203012	.1477110	.1904074	.0149421	.2074209	.0898062
#3	.0206416	.1549356	.1927145	.0144338	.2090327	.0905434

Elem	Sr4077
Units	ppm
Avg	.2022966
Stddev	.0002147
%RSD	.1061423

#1	.2025355
#2	.2021197
#3	.2022345

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1610.546	1624.931	43312.82	3836.017	2791.443
Stddev	7.192	10.828	114.47	39.677	17.615
%RSD	.4465577	.6663562	.2642939	1.034317	.6310426

#1	1618.840	1625.849	43377.92	3826.925	2794.764
#2	1606.761	1635.271	43180.64	3879.450	2807.161
#3	1606.036	1613.674	43379.90	3801.675	2772.403

Sample Name: PB108816BL Acquired: 5/8/2018 17:46:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	-.000735	-.004073	.0019761	.0016838	.0012782	-.000973	.0024279
Stddev	.002013	.001640	.0010014	.0007267	.0008162	.011878	.0007064
%RSD	273.7804	40.25700	50.67606	43.16186	63.85677	1221.146	29.09487

#1	-.001720	-.004298	.0008501	.0010906	.0022020	-.013259	.0021926
#2	-.002067	-.005588	.0023113	.0024945	.0009775	-.000110	.0032218
#3	.001581	-.002332	.0027668	.0014663	.0006549	.010451	.0018691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	-.000033	.0131162	.0001905	.0003826	-.002784	-.008351
Stddev	.000007	.000006	.0208298	.0003886	.0000927	.005520	.014546
%RSD	20.08652	18.08292	158.8104	203.9771	24.22690	198.2902	174.1862

#1	-.000042	-.000027	.0057516	.0002410	.0004893	.000910	-.018978
#2	-.000032	-.000039	-.003031	.0005514	.0003369	-.009129	-.014302
#3	-.000029	-.000033	.036628	-.000221	.0003217	-.000132	.008227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001298	.0296815	.0000424	-.000118	.1617711	.0042938	.0000664
Stddev	.0009849	.0621096	.0001978	.000387	.2546447	.0017848	.0001820
%RSD	758.4954	209.2532	466.8623	329.1050	157.4105	41.56773	274.3286

#1	.0012538	.0993284	-.000168	.000120	-.030000	.0029592	.0000696
#2	-.000282	-.019960	.000224	.000092	.064624	.0036009	.0002467
#3	-.000582	.009677	.000072	-.000565	.450690	.0063211	-.000117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0785276	-.000432	.0047703	-.000145	-.011701	-.000654	-.000078
Stddev	.0380763	.000314	.0005228	.000217	.001908	.001188	.001718
%RSD	48.48778	72.70081	10.95933	149.5015	16.30352	181.6380	2214.523

#1	.0349731	-.000265	.0045405	-.000392	-.012748	-.001213	-.001396
#2	.1055068	-.000794	.0044017	.000017	-.009499	-.001459	.001866
#3	.0951028	-.000237	.0053686	-.000060	-.012856	.000710	-.000703

Sample Name: PB108816BL Acquired: 5/8/2018 17:46:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0012009	.0008408	.0000010
Stddev	.0024610	.0012869	.0001536
%RSD	204.9329	153.0642	16130.02

#1	.0035320	.0001751	-.000173
#2	-.001372	.0023242	.000117
#3	.001443	.0000231	.000059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.242	1616.222	43161.42	3799.050	2782.072
Stddev	10.971	26.291	222.54	6.781	48.403
%RSD	.6775373	1.626697	.5155929	.1784797	1.739808

#1	1610.556	1635.937	42954.92	3798.050	2815.833
#2	1615.599	1586.372	43132.23	3806.275	2726.618
#3	1631.571	1626.357	43397.11	3792.825	2803.766

Sample Name: PB108816BS Acquired: 5/8/2018 17:51:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0161230	.0485021	.0212668	.0598670	.1121813	.3997407
Stddev	.0024715	.0019346	.0011615	.0004332	.0016108	.0156607
%RSD	15.32915	3.988602	5.461366	.7235435	1.435854	3.917711

#1	.0132722	.0470029	.0204144	.0597958	.1123398	.4146164
#2	.0176633	.0478175	.0207962	.0603313	.1137070	.4012073
#3	.0174335	.0506859	.0225896	.0594738	.1104972	.3833983

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3983555	.0095848	.0098032	10.34354	.0213671	.0965619
Stddev	.0026435	.0000416	.0001245	.02565	.0004647	.0003789
%RSD	.6636141	.4336909	1.270045	.2479639	2.175034	.3924232

#1	.4012617	.0095427	.0099195	10.31543	.0212092	.0969259
#2	.3960938	.0095859	.0098182	10.34952	.0218902	.0965902
#3	.3977111	.0096258	.0096719	10.36567	.0210019	.0961696

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515670	.2293099	.0323133	9.536985	.0797837	.0194284
Stddev	.0012081	.0085154	.0008718	.094636	.0002646	.0001404
%RSD	2.342787	3.713495	2.698008	.9923093	.3315848	.7227369

#1	.0522290	.2259868	.0315049	9.646249	.0794839	.0194218
#2	.0501726	.2229571	.0321979	9.480888	.0798832	.0192914
#3	.0522995	.2389858	.0332370	9.483819	.0799841	.0195720

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.952204	.0998302	.1245104	9.150319	F .0052365	F .0222710
Stddev	.066250	.0047674	.0004996	.033401	.0003659	.0008548
%RSD	.6656861	4.775516	.4012507	.3650218	6.987471	3.838330

#1	9.904512	.1049363	.1249214	9.114358	.0053565	.0225370
#2	9.924250	.0954956	.1239543	9.180371	.0055273	.0229613
#3	10.02785	.0990589	.1246555	9.156228	.0048257	.0213148

Sample Name: PB108816BS Acquired: 5/8/2018 17:51:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0203046	.1435829	.1923493	F .0136926	.2041103	.0898827
Stddev	.0000969	.0034541	.0002907	.0007661	.0014950	.0017718
%RSD	.4774668	2.405637	.1511401	5.594810	.7324398	1.971264

#1	.0204023	.1396655	.1924841	.0145390	.2057571	.0914585
#2	.0203031	.1461906	.1920157	.0130467	.2037356	.0902248
#3	.0202084	.1448925	.1925482	.0134922	.2028384	.0879647

Elem	Sr4077
Units	ppm
Avg	.2012605
Stddev	.0005499
%RSD	.2732411

#1	.2007909
#2	.2011251
#3	.2018654

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1601.326	1615.497	43040.56	3769.383	2772.339
Stddev	6.693	1.563	83.51	21.999	1.538
%RSD	.4179516	.0967418	.1940236	.5836244	.0554922

#1	1593.738	1613.828	43023.84	3782.925	2772.761
#2	1606.386	1616.926	42966.67	3744.000	2770.633
#3	1603.855	1615.737	43131.16	3781.225	2773.622

Sample Name: PB109033BL Acquired: 5/8/2018 17:55:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	-.000424	-.002131	.0001706	-.002149	-.000038	-.011183	.0030379
Stddev	.004420	.001344	.0004771	.000502	.000477	.010222	.0006070
%RSD	1042.389	63.09546	279.6563	23.36748	1247.547	91.40944	19.98202

#1	.003440	-.003085	.0005531	-.001598	-.000588	-.008071	.0032397
#2	.000532	-.002714	-.000364	-.002580	.000215	-.022600	.0023557
#3	-.005243	-.000593	.000323	-.002270	.000259	-.002878	.0035184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001205	-.000017	.0232054	-.000036	.0002062	-.004870	.0010493
Stddev	.0000526	.000057	.0082908	.000648	.0003275	.000834	.0167422
%RSD	43.66862	330.8376	35.72811	1783.376	158.8233	17.12904	1595.495

#1	.0001798	.000039	.0136349	-.000536	-.000172	-.005302	-.006982
#2	.0000793	-.000075	.0281980	-.000269	.000399	-.005399	.020294
#3	.0001025	-.000016	.0277832	.000696	.000392	-.003908	-.010164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008019	-.005885	.0004176	.0002571	.1972405	.0032930	-.000157
Stddev	.0013263	.017453	.0002947	.0002571	.2698897	.0011472	.000319
%RSD	165.4031	296.5625	70.56694	100.0277	136.8328	34.83612	202.9640

#1	.0003501	.000019	.0001615	-.000028	.4852201	.0046089	.000210
#2	-.000240	-.025525	.0003516	.000326	.1564070	.0025032	-.000365
#3	.002295	.007850	.0007397	.000473	-.049906	.0027670	-.000317

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124202	.0001286	.0025019	-.000152	-.013113	.0000092	-.000582
Stddev	.0825989	.0001064	.0006576	.000426	.003749	.0013796	.000495
%RSD	665.0360	82.75671	26.28178	280.2501	28.58930	14934.05	84.92973

#1	-.009650	.0001404	.0017514	.000328	-.012983	-.001477	-.000048
#2	-.056901	.0002287	.0027781	-.000485	-.009430	.001249	-.000676
#3	.103812	.0000168	.0029764	-.000299	-.016924	.000255	-.001024

Sample Name: PB109033BL Acquired: 5/8/2018 17:55:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	-.000266	.0013320	.0000123
Stddev	.001543	.0013551	.0001019
%RSD	580.0785	101.7314	827.5812

#1	.000648	.0020853	-.000097
#2	-.002048	-.000232	.000030
#3	.000602	.002143	.000104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1622.166	1640.190	43325.53	3759.358	2824.110
Stddev	7.318	2.434	186.75	29.681	7.429
%RSD	.4511104	.1484252	.4310363	.7895145	.2630564

#1	1615.772	1638.907	43244.16	3733.775	2823.143
#2	1630.147	1642.998	43539.15	3791.900	2831.975
#3	1620.578	1638.666	43193.26	3752.400	2817.211

Sample Name: PB109033BS Acquired: 5/8/2018 17:59:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0182418	.0455988	.0214476	.0605335	.1106701	.4016684
Stddev	.0016141	.0001749	.0008048	.0001167	.0009873	.0135735
%RSD	8.848395	.3835597	3.752252	.1928470	.8921303	3.379285

#1	.0192862	.0454064	.0207657	.0605573	.1096414	.3908482
#2	.0190564	.0456418	.0212417	.0606366	.1116101	.4168985
#3	.0163827	.0457481	.0223353	.0604068	.1107588	.3972586

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3965154	.0095692	.0096671	10.30326	.0211116	.0959414
Stddev	.0012019	.0001089	.0001329	.01352	.0008496	.0004384
%RSD	.3031104	1.138061	1.374734	.1311977	4.024451	.4569038

#1	.3951428	.0094707	.0097254	10.28909	.0201859	.0961621
#2	.3970243	.0096861	.0095150	10.30468	.0218558	.0954366
#3	.3973791	.0095508	.0097609	10.31601	.0212931	.0962257

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0495519	.2439888	.0327813	9.522979	.0791957	.0184739
Stddev	.0015843	.0138093	.0013608	.068590	.0005526	.0001350
%RSD	3.197168	5.659823	4.151127	.7202614	.6977221	.7308546

#1	.0493039	.2282120	.0324786	9.513811	.0788653	.0184259
#2	.0512455	.2498728	.0342679	9.459433	.0788883	.0186263
#3	.0481063	.2538815	.0315973	9.595691	.0798337	.0183694

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.856012	.1050762	.1242900	9.063579	F .0051746	F .0223064
Stddev	.109454	.0031042	.0009833	.049503	.0002418	.0006163
%RSD	1.110529	2.954282	.7911649	.5461731	4.672309	2.762679

#1	9.837880	.1014940	.1249834	9.071765	.0053921	.0227141
#2	9.973399	.1069780	.1247220	9.108479	.0052174	.0215975
#3	9.756756	.1067566	.1231646	9.010494	.0049143	.0226076

Sample Name: PB109033BS Acquired: 5/8/2018 17:59:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0202932	.1411877	.1882584	F .0139463	.2026332	.0897293
Stddev	.0002397	.0037044	.0018988	.0002307	.0025385	.0003117
%RSD	1.181190	2.623760	1.008635	1.654079	1.252776	.3473247

#1	.0202808	.1415615	.1864908	.0136846	.1998721	.0897081
#2	.0200600	.1373106	.1880187	.0140338	.2031616	.0894288
#3	.0205389	.1446911	.1902657	.0141204	.2048660	.0900510

Elem	Sr4077
Units	ppm
Avg	.2008400
Stddev	.0004115
%RSD	.2048864

#1	.2007637
#2	.2012843
#3	.2004720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.132	1620.150	43044.29	3792.825	2785.857
Stddev	9.135	2.042	231.35	22.026	7.485
%RSD	.5737570	.1260375	.5374638	.5807197	.2686695

#1	1582.053	1619.274	42863.68	3810.500	2786.628
#2	1594.479	1622.484	43305.06	3768.150	2792.926
#3	1599.865	1618.692	42964.15	3799.825	2778.016

Sample Name: PB109030BL Acquired: 5/8/2018 18:03:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	-.002303	-.001768	.0010393	-.002265	.0001233	-.005380	.0023218
Stddev	.004629	.002033	.0017158	.003479	.0009295	.008794	.0006887
%RSD	201.0543	114.9907	165.0838	153.6151	753.9092	163.4481	29.66144

#1	.000970	-.000096	-.000586	-.001507	-.000917	-.007344	.0019520
#2	-.000279	-.001177	.000872	.000773	.000872	-.013027	.0031165
#3	-.007599	-.004032	.002833	-.006060	.000414	.004229	.0018971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000083	-.000010	.0160906	.0001427	.0002822	-.001045	.0110138
Stddev	.0000207	.000083	.0088968	.0005986	.0002137	.003457	.0361829
%RSD	250.0020	836.2139	55.29223	419.5547	75.70480	330.6780	328.5231

#1	-.000015	-.000102	.0226365	-.000521	.0000365	.000852	-.000932
#2	.000026	.000016	.0196746	.000306	.0003864	-.005036	.051659
#3	.000014	.000057	.0059607	.000643	.0004238	.001047	-.017686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001700	-.021979	.0005394	-.000113	.3067435	.0034920	-.000659
Stddev	.0003633	.026832	.0002043	.000307	.1667595	.0070774	.000356
%RSD	213.7261	122.0777	37.86675	270.7489	54.36447	202.6731	54.01367

#1	.0003436	-.049825	.0007528	-.000265	.3842132	-.000017	-.000540
#2	.0004139	.003709	.0005198	-.000315	.4206767	-.001145	-.000377
#3	-.000248	-.019822	.0003457	.000240	.1153405	.011638	-.001059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149269	-.000039	.0016684	.0001038	-.010406	-.000705	-.000335
Stddev	.0201123	.000104	.0007167	.0001137	.004146	.000823	.000353
%RSD	134.7385	265.6784	42.95856	109.5264	39.83994	116.6698	105.4312

#1	-.007984	-.000134	.0024187	.0001714	-.014565	-.000175	.000000
#2	.029672	-.000055	.0009909	.0001674	-.010380	-.000288	-.000301
#3	.023093	.000072	.0015955	-.000027	-.006274	-.001653	-.000704

Sample Name: PB109030BL Acquired: 5/8/2018 18:03:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0019326	.0018371	.0000677
Stddev	.0012690	.0002635	.0000655
%RSD	65.66529	14.34451	96.74318

#1	.0010474	.0021362	.0001195
#2	.0013638	.0016393	.0000895
#3	.0033865	.0017357	-.000006

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.938	1634.012	43085.14	3661.600	2821.855
Stddev	4.529	5.478	191.24	96.668	2.356
%RSD	.2816501	.3352198	.4438729	2.640060	.0834877

#1	1604.808	1640.258	42880.00	3550.300	2824.238
#2	1613.131	1630.026	43116.92	3709.900	2819.528
#3	1605.875	1631.751	43258.50	3724.600	2821.799

Sample Name: PB109030BS Acquired: 5/8/2018 18:07:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0153122	.0470319	.0199910	.0613870	.1116590	.4116018
Stddev	.0024886	.0010558	.0013893	.0017035	.0019579	.0093117
%RSD	16.25208	2.244812	6.949378	2.774994	1.753430	2.262299

#1	.0124395	.0472271	.0215942	.0631994	.1114805	.4013655
#2	.0166907	.0479764	.0191427	.0611429	.1137000	.4195697
#3	.0168065	.0458921	.0192360	.0598188	.1097965	.4138703

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3980951	.0097030	.0096852	10.30509	.0216390	.0956691
Stddev	.0012671	.0002188	.0000267	.02806	.0002972	.0002342
%RSD	.3182884	2.254704	.2753096	.2722795	1.373263	.2447848

#1	.3971727	.0095916	.0096628	10.29101	.0213872	.0956002
#2	.3975728	.0099551	.0096781	10.33740	.0219668	.0954771
#3	.3995399	.0095624	.0097147	10.28686	.0215630	.0959300

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491147	F .2676232	.0329552	9.639750	.0802039	.0190777
Stddev	.0011045	.0292199	.0016071	.037929	.0003981	.0001558
%RSD	2.248852	10.91832	4.876568	.3934646	.4963805	.8164699

#1	.0489531	.2508415	.0334147	9.602732	.0803749	.0189136
#2	.0502911	.3013633	.0342825	9.678528	.0797488	.0192235
#3	.0480999	.2506647	.0311684	9.637989	.0804879	.0190959

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.554853	.1041888	.1264245	9.124393	F .0052866	F .0209892
Stddev	.355751	.0022176	.0012438	.065339	.0003730	.0016364
%RSD	3.723253	2.128415	.9838372	.7160862	7.055898	7.796361

#1	9.711011	.1016679	.1255803	9.153969	.0053952	.0191924
#2	9.147730	.1050602	.1278528	9.169714	.0055933	.0213812
#3	9.805818	.1058383	.1258403	9.049496	.0048714	.0223939

Sample Name: PB109030BS Acquired: 5/8/2018 18:07:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) 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	.0200081	.1470229	.1894562	F .0136966	.2053719	.0881999
Stddev	.0004198	.0010422	.0016068	.0005623	.0017428	.0004886
%RSD	2.098278	.7088865	.8480851	4.105640	.8486105	.5539730

#1	.0198134	.1465534	.1881466	.0142695	.2036640	.0881464
#2	.0204900	.1482173	.1912492	.0136747	.2053041	.0877403
#3	.0197211	.1462981	.1889729	.0131455	.2071477	.0887131

Elem	Sr4077
Units	ppm
Avg	.2018057
Stddev	.0003624
%RSD	.1795817

#1	.2018725
#2	.2021300
#3	.2014145

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1593.725	1621.930	43108.11	3803.150	2796.072
Stddev	1.898	3.193	193.09	9.790	1.988
%RSD	.1191044	.1968501	.4479144	.2574169	.0710885

#1	1595.012	1621.632	42888.62	3810.650	2795.648
#2	1591.545	1618.897	43251.77	3792.075	2798.237
#3	1594.618	1625.262	43183.94	3806.725	2794.330

Sample Name: J2517-13DLX2 Acquired: 5/8/2018 18:11:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MYAHK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.204004	.0089420	.0111401	-.096339	.0537490	369.7263	.0267261
Stddev	.012660	.0034958	.0025592	.003162	.0030061	.4993	.0004823
%RSD	1.051452	39.09378	22.97336	3.282069	5.592888	.1350467	1.804583

#1	1.189821	.0103640	.0129608	-.093630	.0543777	369.8483	.0266597
#2	1.214162	.0049594	.0082139	-.095574	.0563910	369.1773	.0262804
#3	1.208028	.0115028	.0122455	-.099813	.0504782	370.1534	.0272381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064134	-.000738	7.274743	.5125226	.6634470	.2798078	561.1455
Stddev	.0000884	.000197	.117234	.0006944	.0015936	.0021500	2.2381
%RSD	1.378748	26.73533	1.611514	.1354954	.2401919	.7683820	.3988447

#1	.0064155	-.000852	7.285500	.5127477	.6626811	.2777312	561.3200
#2	.0065008	-.000852	7.152502	.5117435	.6652789	.2820243	563.2912
#3	.0063240	-.000510	7.386227	.5130765	.6623811	.2796679	558.8253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.035718	7.088654	.3042623	-.051757	22.54261	.1995041	.2741394
Stddev	.003435	.018331	.0010050	.000653	.26727	.0057576	.0013458
%RSD	.3316865	.2585923	.3303022	1.260861	1.185612	2.885949	.4909261

#1	1.039125	7.092662	.3043349	-.051555	22.28514	.1964223	.2728016
#2	1.035775	7.104650	.3052290	-.052487	22.81870	.2061467	.2741234
#3	1.032255	7.068652	.3032230	-.051230	22.52401	.1959435	.2754931

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.741439	.1247927	8.841097	-.003389	880.0638	9.045941	-.003695
Stddev	.054506	.0005989	.055645	.000146	2.5965	.063363	.001841
%RSD	1.988231	.4799358	.6293866	4.311954	.2950349	.7004556	49.82037

#1	2.727884	.1241012	8.803219	-.003225	877.1728	9.030564	-.002026
#2	2.801444	.1251443	8.815090	-.003440	882.1974	8.991681	-.003389
#3	2.694990	.1251328	8.904984	-.003503	880.8211	9.115577	-.005670

Sample Name: J2517-13DLX2 Acquired: 5/8/2018 18:11:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MYAHK5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0344377	.1166485	.3973233
Stddev	.0004371	.0006778	.0008917
%RSD	1.269145	.5810683	.2244254

#1	.0348182	.1158815	.3982785
#2	.0345345	.1171671	.3965128
#3	.0339603	.1168967	.3971786

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.049	1647.013	42081.33	3897.296	2613.384
Stddev	6.249	1.582	135.23	11.156	4.712
%RSD	.3871462	.0960577	.3213551	.2862579	.1803095

#1	1613.929	1646.259	41967.19	3909.572	2618.207
#2	1607.862	1648.831	42046.11	3894.540	2608.791
#3	1620.357	1645.949	42230.68	3887.776	2613.153

Sample Name: J2637-01 Acquired: 5/8/2018 18:19:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1108317	.0015248	.8884948	-.044572	.0067916	81.16781	1.439314
Stddev	.0037045	.0042444	.0053583	.002200	.0015333	.28192	.004045
%RSD	3.342440	278.3562	.6030818	4.935980	22.57655	.3473335	.2810044

#1	.1150001	-.003276	.8943413	-.042758	.0067057	81.49202	1.442958
#2	.1079159	.004779	.8873254	-.043939	.0083661	80.98027	1.434962
#3	.1095790	.003071	.8838177	-.047020	.0053031	81.03115	1.440023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076820	.0058024	42.46185	.1931444	.0428893	.2630191	278.8159
Stddev	.0001437	.0001557	.04549	.0012464	.0001436	.0005839	1.5851
%RSD	1.870603	2.684276	.1071303	.6453318	.3349059	.2220176	.5685062

#1	.0076031	.0057575	42.45134	.1917508	.0428825	.2624648	280.6392
#2	.0075949	.0056740	42.42253	.1941525	.0430362	.2629639	277.7658
#3	.0078478	.0059756	42.51167	.1935300	.0427491	.2636288	278.0428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.410371	5.698926	.0507123	-.024894	1.107347	.2623081	1.851307
Stddev	.004460	.036845	.0006608	.000440	.082279	.0039266	.013599
%RSD	.1850538	.6465307	1.302985	1.767894	7.430288	1.496923	.7345667

#1	2.415412	5.698442	.0510287	-.024498	1.044422	.2644560	1.842249
#2	2.408766	5.662325	.0511554	-.025368	1.077164	.2646921	1.866945
#3	2.406935	5.736011	.0499528	-.024817	1.200455	.2577761	1.844727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.631411	.5135644	.2772456	.0110191	5.634633	11.29671	.0139442
Stddev	.031921	.0048221	.0050766	.0003063	.037821	.02435	.0006885
%RSD	.4182854	.9389478	1.831096	2.780035	.6712234	.2155684	4.937717

#1	7.649136	.5178036	.2831073	.0109680	5.670026	11.27146	.0143692
#2	7.650537	.5083184	.2742692	.0107415	5.594780	11.29862	.0131498
#3	7.594561	.5145714	.2743602	.0113478	5.639093	11.32005	.0143136

Sample Name: J2637-01 Acquired: 5/8/2018 18:19:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2964751	.0489928	.2567935
Stddev	.0017196	.0003454	.0001662
%RSD	.5800006	.7049156	.0647182

#1	.2983217	.0486499	.2569184
#2	.2949197	.0489879	.2568574
#3	.2961840	.0493406	.2566049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.911	1705.838	44702.22	3999.809	2707.052
Stddev	12.008	5.278	113.78	1.939	10.485
%RSD	.7173851	.3093875	.2545370	.0484898	.3873195

#1	1677.869	1699.772	44579.24	4002.021	2694.945
#2	1660.423	1708.370	44723.67	3998.403	2713.118
#3	1683.440	1709.373	44803.76	3999.002	2713.093

Sample Name: J2637-02 Acquired: 5/8/2018 18:23:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1301359	.0018994	6.918061	-.041002	.3464144	72.60030
Stddev	.0052678	.0029414	.038112	.004001	.0013538	.14490
%RSD	4.047889	154.8618	.5509064	9.757962	.3908052	.1995804

#1	.1321126	-.000295	6.894098	-.042125	.3476395	72.52569
#2	.1341293	.000751	6.898077	-.036559	.3466429	72.76730
#3	.1241657	.005242	6.962009	-.044321	.3449609	72.50791

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.636458	.0103561	.0548542	69.70581	.3568556	.0994037
Stddev	.003041	.0002058	.0005160	.12705	.0003876	.0005299
%RSD	.1858231	1.987427	.9405865	.1822674	.1086160	.5331005

#1	1.633509	.0103428	.0547135	69.56182	.3571518	.0991162
#2	1.639583	.0101572	.0544232	69.80214	.3569980	.0990796
#3	1.636283	.0105682	.0554259	69.75347	.3564169	.1000152

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.53620	426.8691	5.324806	11.47075	.3009816	-.029552
Stddev	.00375	.7765	.009687	.04237	.0019618	.000199
%RSD	.0115192	.1818980	.1819175	.3693425	.6517825	.6727046

#1	32.53972	427.7650	5.326122	11.49442	.3009407	-.029774
#2	32.53226	426.4507	5.314529	11.49600	.2990407	-.029389
#3	32.53662	426.3915	5.333768	11.42184	.3029635	-.029494

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.142843	.3120634	23.96813	4.727818	2.036709	.4339785
Stddev	.391469	.0020729	.11753	.016478	.007965	.0127435
%RSD	18.26869	.6642587	.4903747	.3485330	.3910566	2.936425

#1	1.714161	.3144569	24.09444	4.717115	2.029451	.4483393
#2	2.481369	.3108458	23.86198	4.746793	2.035446	.4240196
#3	2.233000	.3108876	23.94798	4.719546	2.045230	.4295764

Sample Name: J2637-02 Acquired: 5/8/2018 18:23:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196662	4.416627	8.989101	.7603053	.6541809	.0594957
Stddev	.0001758	.034618	.050169	.0037391	.0014103	.0005594
%RSD	.8941531	.7838121	.5581135	.4917868	.2155851	.9402220

#1	.0195249	4.401471	8.931179	.7580524	.6538260	.0591052
#2	.0196105	4.392172	9.018919	.7582420	.6557348	.0601366
#3	.0198631	4.456239	9.017205	.7646214	.6529820	.0592454

Elem	Sr4077
Units	ppm
Avg	.3638807
Stddev	.0009313
%RSD	.2559286

#1	.3628558
#2	.3641114
#3	.3646751

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.710	1689.573	45229.76	4145.300	2667.311
Stddev	4.019	6.562	151.46	19.209	10.866
%RSD	.2395630	.3884074	.3348782	.4634024	.4073604

#1	1675.040	1693.462	45403.66	4167.481	2670.099
#2	1682.332	1693.260	45158.95	4134.194	2676.511
#3	1675.757	1681.996	45126.67	4134.225	2655.323

Sample Name: J2637-03 Acquired: 5/8/2018 18:27:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600988	.0000748	.0507166	-.019399	.0047022	38.36422	.1207492
Stddev	.0023541	.0002919	.0029143	.003230	.0010726	.92639	.0027028
%RSD	3.916987	390.3194	5.746146	16.64814	22.80977	2.414718	2.238376

#1	.0581746	-.000240	.0537789	-.016610	.0059238	37.94454	.1197575
#2	.0627237	.000129	.0503935	-.022937	.0039147	37.72194	.1186823
#3	.0593983	.000336	.0479773	-.018650	.0042682	39.42617	.1238078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052305	-.000092	2.945535	.1062206	.0327388	.0524644	157.7433
Stddev	.0002988	.000017	.055284	.0022357	.0003154	.0032632	3.1990
%RSD	5.711911	18.14069	1.876866	2.104770	.9635111	6.219856	2.027998

#1	.0049552	-.000087	2.901349	.1057235	.0323969	.0502862	156.3836
#2	.0051882	-.000078	2.927728	.1086630	.0330185	.0508909	155.4487
#3	.0055482	-.000110	3.007528	.1042753	.0328009	.0562163	161.3976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4326105	1.213982	.1181415	-.013780	.7081874	.1206987	.2763915
Stddev	.0131714	.030022	.0003996	.000812	.2300899	.0018423	.0057566
%RSD	3.044630	2.473005	.3382089	5.890672	32.48998	1.526373	2.082759

#1	.4256825	1.223127	.1177599	-.014278	.7255349	.1191862	.2731973
#2	.4243490	1.180451	.1185569	-.014218	.4699147	.1201593	.2830370
#3	.4478000	1.238367	.1181079	-.012843	.9291126	.1227505	.2729404

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.896052	.1707343	.1470080	.0024775	.1330531	6.355383	.0018633
Stddev	.124159	.0006723	.0017937	.0002197	.0055221	.171564	.0003780
%RSD	6.548268	.3937733	1.220129	8.866488	4.150297	2.699501	20.28636

#1	1.829496	.1710732	.1456527	.0024302	.1394293	6.265143	.0016083
#2	1.819362	.1699600	.1463292	.0022853	.1298292	6.247772	.0022976
#3	2.039299	.1711697	.1490420	.0027169	.1299008	6.553233	.0016840

Sample Name: J2637-03 Acquired: 5/8/2018 18:27:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3921820	.0108844	.0613507
Stddev	.0113157	.0003490	.0017882
%RSD	2.885317	3.206085	2.914704

#1	.3878870	.0110911	.0608312
#2	.3836426	.0104815	.0598798
#3	.4050164	.0110806	.0633412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.121	1756.295	45788.59	3984.758	2828.058
Stddev	18.693	2.446	482.13	95.255	5.539
%RSD	1.089237	.1392900	1.052955	2.390487	.1958760

#1	1721.089	1754.113	45752.14	4035.465	2822.921
#2	1695.447	1755.831	45325.72	4043.933	2827.326
#3	1731.829	1758.940	46287.92	3874.875	2833.927

Sample Name: J2637-04 Acquired: 5/8/2018 18:32:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678054	-.000207	.2056022	-.022236	.0032204	53.53762	.4323258
Stddev	.0016539	.002905	.0001710	.001103	.0011937	.07453	.0012738
%RSD	2.439248	1405.593	.0831653	4.960598	37.06599	.1392163	.2946372

#1	.0668336	-.000462	.2057209	-.023150	.0039634	53.62363	.4329663
#2	.0668674	-.002976	.2054062	-.022548	.0018435	53.49184	.4308589
#3	.0697151	.002818	.2056795	-.021011	.0038543	53.49740	.4331523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070317	.0012436	12.14903	.1017965	.0713487	4.828839	161.5518
Stddev	.0000436	.0000823	.05163	.0006917	.0002114	.011865	.2164
%RSD	.6200966	6.616132	.4250023	.6794716	.2963426	.2457064	.1339420

#1	.0069816	.0012602	12.20207	.1010110	.0715190	4.824934	161.3284
#2	.0070607	.0011542	12.14607	.1020638	.0711120	4.819420	161.7605
#3	.0070530	.0013162	12.09893	.1023146	.0714150	4.842165	161.5664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.235984	2.270063	.1192802	-.015097	.7832712	.1440365	.6553029
Stddev	.012138	.076273	.0004610	.000245	.2150511	.0033726	.0022238
%RSD	.3750854	3.359956	.3865122	1.620187	27.45552	2.341497	.3393603

#1	3.237297	2.341677	.1197306	-.014915	.9685412	.1432855	.6549976
#2	3.223244	2.278655	.1193006	-.015002	.5474466	.1477214	.6532475
#3	3.247413	2.189858	.1188093	-.015375	.8338258	.1411028	.6576636

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.923204	.3794728	.1758437	.0047962	.6334008	4.641045	.0737924
Stddev	.007407	.0019462	.0001559	.0000850	.0028430	.033096	.0021820
%RSD	.3851458	.5128584	.0886672	1.772700	.4488450	.7131059	2.956960

#1	1.915426	.3811740	.1759801	.0048943	.6355538	4.621642	.0733599
#2	1.924012	.3798939	.1756737	.0047501	.6344705	4.622235	.0761583
#3	1.930174	.3773506	.1758773	.0047441	.6301781	4.679259	.0718590

Sample Name: J2637-04 Acquired: 5/8/2018 18:32:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6027153	.0232920	.0847697
Stddev	.0040842	.0010273	.0003790
%RSD	.6776273	4.410551	.4470485

#1	.6048128	.0227633	.0847402
#2	.5980086	.0226366	.0844064
#3	.6053246	.0244759	.0851626

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.090	1801.243	46994.16	4175.595	2817.288
Stddev	2.288	7.464	148.51	25.208	11.465
%RSD	.1291193	.4144022	.3160207	.6037073	.4069409

#1	1769.584	1794.066	47125.20	4193.159	2807.723
#2	1774.068	1808.965	46832.84	4186.915	2829.997
#3	1772.619	1800.697	47024.44	4146.711	2814.143

Sample Name: J2637-05 Acquired: 5/8/2018 18:36:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799206	.0130224	.3831864	-.026064	.0056998	61.52200	.7563255
Stddev	.0006301	.0021228	.0007557	.004822	.0004560	.28222	.0041432
%RSD	.7884439	16.30079	.1972059	18.49980	8.000092	.4587373	.5478092

#1	.0797958	.0109778	.3825971	-.021564	.0052534	61.75703	.7605561
#2	.0793623	.0152155	.3840384	-.025473	.0056814	61.59998	.7522755
#3	.0806038	.0128739	.3829239	-.031153	.0061648	61.20898	.7561449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067254	.0012290	7.201342	.1124601	.5960566	.2502411	174.1793
Stddev	.0000883	.0000441	.015554	.0008894	.0020416	.0061174	1.9215
%RSD	1.312127	3.585289	.2159943	.7908572	.3425108	2.444605	1.103188

#1	.0068132	.0012363	7.218622	.1121127	.5950250	.2474740	175.2304
#2	.0067263	.0011817	7.188460	.1117969	.5947367	.2459962	175.3460
#3	.0066367	.0012689	7.196944	.1134708	.5984081	.2572531	171.9616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87473	1.972208	.2855881	-.016637	1.012034	.1749518	.5518620
Stddev	.08202	.037763	.0017423	.000106	.141561	.0026222	.0045044
%RSD	.5514380	1.914771	.6100901	.6382504	13.98779	1.498821	.8162230

#1	14.94461	1.954414	.2862383	-.016671	.957186	.1741915	.5504190
#2	14.78442	2.015581	.2836141	-.016722	.906104	.1778702	.5482558
#3	14.89516	1.946630	.2869118	-.016518	1.172812	.1727939	.5569111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.770341	.2330480	.1678028	.0054145	.4867166	7.765935	.0050560
Stddev	.049526	.0014737	.0035365	.0003942	.0098902	.079979	.0009171
%RSD	2.797514	.6323411	2.107516	7.281114	2.032030	1.029871	18.13868

#1	1.827520	.2313611	.1703231	.0058680	.4784773	7.792488	.0041349
#2	1.740873	.2340854	.1693252	.0052221	.4976848	7.829261	.0050640
#3	1.742632	.2336974	.1637601	.0051534	.4839879	7.676057	.0059690

Sample Name: J2637-05 Acquired: 5/8/2018 18:36:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6375769	.1421017	.0618019
Stddev	.0064411	.0009174	.0001617
%RSD	1.010239	.6455829	.2615702

#1	.6432640	.1430949	.0619372
#2	.6388842	.1419239	.0616229
#3	.6305825	.1412862	.0618456

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.518	1777.518	46664.22	4157.640	2766.305
Stddev	12.308	1.765	129.79	48.637	5.068
%RSD	.7035073	.0992756	.2781323	1.169813	.1831960

#1	1747.956	1778.965	46554.95	4126.172	2766.256
#2	1762.532	1778.037	46807.68	4133.090	2771.398
#3	1738.066	1775.552	46630.03	4213.659	2761.263

Sample Name: J2637-06 Acquired: 5/8/2018 18:40:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1742764	.0136573	12.73131	-.121450	.2283257	201.2531
Stddev	.0019086	.0045641	.04627	.003485	.0036102	1.1527
%RSD	1.095149	33.41894	.3634319	2.869906	1.581180	.5727547

#1	.1721142	.0154358	12.76839	-.118681	.2322078	202.2528
#2	.1757267	.0084716	12.74608	-.120304	.2250690	201.5142
#3	.1749884	.0170643	12.67946	-.125364	.2277004	199.9922

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.699561	.0110506	.3570846	500.1812	.6947326	.2247221
Stddev	.038054	.0001118	.0007726	1.1412	.0024535	.0007956
%RSD	.3923239	1.012088	.2163598	.2281625	.3531543	.3540320

#1	9.737142	.0110772	.3573891	501.4976	.6934903	.2246321
#2	9.700489	.0111467	.3576585	499.5743	.6975588	.2255588
#3	9.661051	.0109278	.3562061	499.4717	.6931488	.2239753

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 166.6460	702.8468	22.98063	134.4797	.8867908	-.031064
Stddev	.3589	5.9417	.08829	1.1429	.0019039	.000870
%RSD	.2153865	.8453763	.3841734	.8498873	.2146927	2.800157

#1	166.9973	706.5453	22.90844	135.0527	.8886331	-.030952
#2	166.6608	706.0021	22.95440	135.2228	.8869084	-.030256
#3	166.2799	695.9931	23.07906	133.1637	.8848308	-.031984

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.892780	.2311162	F 52.74826	4.878166	5.722005	.9267450
Stddev	.265604	.0024672	.56428	.042389	.015357	.0089793
%RSD	6.822996	1.067537	1.069753	.8689522	.2683876	.9689077

#1	3.601308	.2283560	53.39650	4.885913	5.734752	.9292018
#2	4.121151	.2318854	52.36715	4.916148	5.726307	.9342401
#3	3.955882	.2331072	52.48113	4.832439	5.704955	.9167930

Sample Name: J2637-06 Acquired: 5/8/2018 18:40:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864514	8.536474	12.41505	2.071084	1.551488	.1376101
Stddev	.0000904	.037070	.11361	.004106	.012510	.0016538
%RSD	.1046119	.4342505	.9150923	.1982499	.8063378	1.201830

#1	.0864685	8.560734	12.48198	2.073484	1.564405	.1378429
#2	.0863537	8.554884	12.47929	2.073425	1.550632	.1391351
#3	.0865321	8.493803	12.28388	2.066343	1.539428	.1358521

Elem	Sr4077
Units	ppm
Avg	.8999795
Stddev	.0016811
%RSD	.1867903

#1	.9013802
#2	.9004429
#3	.8981153

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1501.863	1485.053	41543.90	3926.824	2345.210
Stddev	8.840	.726	183.88	28.032	5.549
%RSD	.5885890	.0488985	.4426164	.7138700	.2366177

#1	1491.667	1485.235	41331.61	3914.130	2340.771
#2	1507.368	1484.254	41646.63	3907.384	2343.429
#3	1506.555	1485.672	41653.47	3958.958	2351.432

Sample Name: J2637-07 Acquired: 5/8/2018 18:43:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1764982	.0132722	12.72472	-.126272	.2266314	199.2680
Stddev	.0063556	.0027435	.02717	.004055	.0021739	.2445
%RSD	3.600941	20.67112	.2135262	3.211666	.9592418	.1227188

#1	.1772251	.0136099	12.69344	-.130663	.2290890	199.4088
#2	.1698105	.0103755	12.73830	-.125485	.2249597	199.4096
#3	.1824591	.0158312	12.74242	-.122667	.2258456	198.9856

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.593652	.0108612	.3569970	497.4382	.6967230	.2256128
Stddev	.017840	.0000264	.0010092	.2468	.0047335	.0006387
%RSD	.1859591	.2433386	.2826887	.0496051	.6793904	.2830797

#1	9.607532	.0108808	.3558340	497.1547	.7021164	.2248792
#2	9.599894	.0108717	.3576414	497.6047	.6947939	.2259144
#3	9.573529	.0108311	.3575157	497.5551	.6932586	.2260447

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 164.9636	693.9065	22.95508	132.6939	.8864436	-.032514
Stddev	.2462	1.1096	.04857	.1593	.0008241	.000571
%RSD	.1492583	.1599058	.2115985	.1200850	.0929680	1.755101

#1	164.8011	692.8269	22.90253	132.8688	.8854931	-.033142
#2	165.2469	695.0438	22.99833	132.6562	.8868786	-.032029
#3	164.8428	693.8489	22.96437	132.5569	.8869590	-.032370

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.001951	.2298680	F 51.39407	4.923670	5.671433	.9108879
Stddev	.054317	.0019411	.23066	.034824	.010205	.0026205
%RSD	1.357275	.8444435	.4488152	.7072837	.1799365	.2876864

#1	4.062236	.2279761	51.54949	4.957385	5.662280	.9086475
#2	3.956820	.2297730	51.50369	4.925792	5.682437	.9137695
#3	3.986797	.2318548	51.12904	4.887834	5.669582	.9102467

Sample Name: J2637-07 Acquired: 5/8/2018 18:43:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0863526	8.514096	12.32030	2.063569	1.533701	.1362136
Stddev	.0010067	.002034	.02786	.011583	.003031	.0013299
%RSD	1.165837	.0238925	.2261386	.5613248	.1976101	.9763205

#1	.0862629	8.514210	12.33738	2.059180	1.534458	.1376515
#2	.0853937	8.512007	12.28815	2.054821	1.536281	.1359614
#3	.0874012	8.516070	12.33538	2.076705	1.530363	.1350279

Elem	Sr4077
Units	ppm
Avg	.8927238
Stddev	.0016724
%RSD	.1873335

#1	.8914593
#2	.8946200
#3	.8920919

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1514.632	1485.315	41624.94	3926.297	2347.104
Stddev	5.687	.780	265.21	4.291	2.168
%RSD	.3754767	.0525348	.6371468	.1093002	.0923619

#1	1512.824	1484.419	41369.85	3921.616	2349.079
#2	1510.070	1485.845	41605.73	3930.046	2344.785
#3	1521.004	1485.682	41899.23	3927.229	2347.449

Sample Name: J2637-08 Acquired: 5/8/2018 18:47:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2568627	.1221317	12.47837	-.010125	.4325061	202.0778
Stddev	.0090896	.0028234	.08904	.011456	.0024772	3.3449
%RSD	3.538717	2.311779	.7135915	113.1463	.5727533	1.655258

#1	.2600835	.1203493	12.46344	-.020068	.4342556	198.3938
#2	.2466011	.1206588	12.39773	-.012710	.4296715	204.9245
#3	.2639033	.1253870	12.57393	.002403	.4335911	202.9150

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.21215	.1180896	.4610673	492.4092	1.086644	1.362650
Stddev	.26782	.0014133	.0034920	8.3951	.005106	.005855
%RSD	1.884412	1.196776	.7573717	1.704896	.4699084	.4296954

#1	13.92141	.1164579	.4605764	483.3926	1.088361	1.364009
#2	14.44878	.1189281	.4578468	500.0002	1.080901	1.356235
#3	14.26625	.1188827	.4647789	493.8349	1.090671	1.367706

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 163.8869	692.4980	24.15754	135.0627	1.996535	.0788159
Stddev	2.5818	8.7486	.37778	1.6973	.011828	.0005934
%RSD	1.575342	1.263338	1.563826	1.256693	.5924506	.7529302

#1	161.1529	682.4707	23.76411	133.1106	1.992469	.0784533
#2	166.2833	698.5736	24.51744	136.1901	1.987275	.0784936
#3	164.2243	696.4496	24.19107	135.8874	2.009860	.0795007

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.869316	1.312661	F 51.05861	4.767933	5.621975	.9042555
Stddev	.230103	.002151	.64313	.090949	.076055	.0080881
%RSD	5.946864	.1638785	1.259586	1.907516	1.352824	.8944488

#1	3.990482	1.310624	50.96193	4.681771	5.540165	.8976612
#2	3.603949	1.312449	50.46930	4.863013	5.690535	.9132801
#3	4.013517	1.314911	51.74461	4.759016	5.635223	.9018252

Sample Name: J2637-08 Acquired: 5/8/2018 18:47:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817572	8.393928	14.21174	2.070995	1.547339	.1369869
Stddev	.0006084	.037183	.21918	.014408	.026526	.0022093
%RSD	.7441259	.4429696	1.542249	.6956963	1.714289	1.612794

#1	.0812490	8.367561	13.95866	2.060633	1.518859	.1345657
#2	.0815911	8.377766	14.33591	2.064904	1.571341	.1388935
#3	.0824313	8.436456	14.34063	2.087448	1.551815	.1375015

Elem	Sr4077
Units	ppm
Avg	.8708415
Stddev	.0144341
%RSD	1.657484

#1	.8552800
#2	.8837915
#3	.8734529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.089	1476.024	41798.70	3921.869	2344.912
Stddev	13.474	4.562	139.39	46.101	12.198
%RSD	.8869732	.3090974	.3334691	1.175478	.5201944

#1	1508.628	1475.079	41672.00	3973.127	2349.091
#2	1534.293	1480.984	41948.01	3883.800	2354.471
#3	1514.347	1472.007	41776.10	3908.681	2331.173

Sample Name: J2637-06LX5 Acquired: 5/8/2018 18:51:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0302459	.0016702	2.590710	-.019884	.0466607	39.57021
Stddev	.0031042	.0008176	.008857	.002239	.0002344	.37886
%RSD	10.26337	48.95245	.3418869	11.25856	.5024341	.9574442

#1	.0337861	.0014666	2.585895	-.018361	.0466187	39.38605
#2	.0279896	.0025703	2.585302	-.022454	.0469133	40.00595
#3	.0289619	.0009736	2.600931	-.018836	.0464501	39.31864

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.828029	.0023894	.0721309	101.9244	.1485056	.0435346
Stddev	.014676	.0000694	.0004263	.7081	.0012294	.0002515
%RSD	.8028338	2.904158	.5909630	.6947601	.8278717	.5777454

#1	1.822432	.0023629	.0717638	101.4339	.1476036	.0432509
#2	1.844680	.0024681	.0720305	102.7363	.1480071	.0437302
#3	1.816976	.0023371	.0725984	101.6032	.1499060	.0436228

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.42788	149.5768	4.243895	27.60605	.1786242	-.006435
Stddev	.24129	1.2399	.032041	.37964	.0006072	.001027
%RSD	.7008502	.8289215	.7549900	1.375207	.3399354	15.96605

#1	34.36854	149.1211	4.225350	27.35887	.1790003	-.005669
#2	34.69331	150.9800	4.280893	28.04317	.1779237	-.007603
#3	34.22181	148.6292	4.225443	27.41610	.1789486	-.006034

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9443623	.0489855	12.50347	.8819012	1.166015	.2005038
Stddev	.2998022	.0054544	.08152	.0805806	.006275	.0012350
%RSD	31.74653	11.13462	.6519710	9.137146	.5381219	.6159242

#1	1.283020	.0532054	12.40980	.8543790	1.163700	.2002213
#2	.837199	.0428266	12.54224	.9726371	1.173119	.2018556
#3	.712868	.0509246	12.55836	.8186874	1.161227	.1994346

Sample Name: J2637-06LX5 Acquired: 5/8/2018 18:51:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB9L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173593	1.601031	1.392639	.4169403	.3011770	.0284303
Stddev	.0001373	.014767	.012568	.0025470	.0025297	.0005909
%RSD	.7908251	.9223506	.9024857	.6108822	.8399208	2.078524

#1	.0175047	1.593433	1.378945	.4141753	.3035577	.0279668
#2	.0173412	1.591611	1.403648	.4174549	.3014524	.0282283
#3	.0172319	1.618051	1.395322	.4191908	.2985210	.0290957

Elem	Sr4077
Units	ppm
Avg	.1810812
Stddev	.0013921
%RSD	.7687681

#1	.1803921
#2	.1826834
#3	.1801680

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.886	1594.269	42293.74	3854.765	2631.108
Stddev	5.596	3.261	96.57	33.961	5.917
%RSD	.3564730	.2045527	.2283353	.8810186	.2248691

#1	1568.927	1592.398	42218.99	3878.220	2629.069
#2	1564.831	1598.034	42259.45	3815.821	2637.774
#3	1575.899	1592.374	42402.77	3870.255	2626.481

Sample Name: J2637-09 Acquired: 5/8/2018 18:55:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1472503	.0122258	1.915702	-.037266	.0131099	77.60060	1.582237
Stddev	.0041394	.0015391	.006958	.004942	.0013813	1.34245	.027774
%RSD	2.811149	12.58871	.3631828	13.26237	10.53654	1.729947	1.755345

#1	.1435676	.0108572	1.916808	-.039673	.0139225	78.72092	1.604901
#2	.1517304	.0138919	1.908258	-.040543	.0115150	76.11263	1.551255
#3	.1464528	.0119282	1.922041	-.031581	.0138923	77.96827	1.590556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086442	.0160036	123.3014	.2299223	.2191932	2.759794	280.1786
Stddev	.0002566	.0002943	2.0254	.0012291	.0017312	.046383	4.6752
%RSD	2.968143	1.839138	1.642628	.5345823	.7898083	1.680667	1.668648

#1	.0088734	.0156857	124.8049	.2285680	.2197778	2.794781	284.4371
#2	.0083670	.0160584	120.9983	.2309671	.2172453	2.707182	275.1759
#3	.0086922	.0162667	124.1012	.2302319	.2205564	2.777418	280.9228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06197	6.196437	.1320544	-.023653	1.342261	.2664876	3.675149
Stddev	.23803	.150277	.0004645	.000394	.063903	.0073740	.014708
%RSD	1.580326	2.425213	.3517334	1.665918	4.760863	2.767111	.4002121

#1	15.25341	6.253917	.1319589	-.023224	1.268489	.2749875	3.677298
#2	14.79545	6.025905	.1316451	-.023736	1.377748	.2618017	3.688664
#3	15.13703	6.309491	.1325592	-.023999	1.380545	.2626736	3.659484

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.046615	.7390616	.2656395	.0081395	2.305436	5.253279	.0446120
Stddev	.064418	.0043746	.0030676	.0002435	.020072	.113828	.0012558
%RSD	2.114405	.5919172	1.154818	2.991310	.8706322	2.166796	2.814873

#1	3.098370	.7418164	.2676576	.0080666	2.306418	5.309516	.0448438
#2	2.974469	.7340173	.2621094	.0084111	2.284892	5.122278	.0457357
#3	3.067005	.7413509	.2671516	.0079408	2.324999	5.328043	.0432564

Sample Name: J2637-09 Acquired: 5/8/2018 18:55:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASC0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9357255	.0401855	.3559044
Stddev	.0119969	.0008546	.0063352
%RSD	1.282094	2.126672	1.780039

#1	.9454936	.0395526	.3604560
#2	.9223348	.0398463	.3486690
#3	.9393482	.0411577	.3585882

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.336	1728.280	45245.31	4120.931	2656.807
Stddev	10.495	3.867	47.74	72.442	11.828
%RSD	.6190552	.2237254	.1055071	1.757906	.4452146

#1	1690.680	1727.162	45220.49	4072.016	2657.020
#2	1687.973	1732.583	45300.35	4204.153	2668.527
#3	1707.353	1725.096	45215.11	4086.623	2644.873

Sample Name: J2637-10 Acquired: 5/8/2018 18:59:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0852024	-.000164	4.439258	-.033525	.0090759	66.33518	4.052707
Stddev	.0032818	.003279	.005574	.005633	.0005231	.46554	.009729
%RSD	3.851730	2000.666	.1255583	16.80318	5.763188	.7017995	.2400642

#1	.0841743	.002100	4.437118	-.027027	.0084862	66.86442	4.062712
#2	.0825578	-.003924	4.435071	-.037027	.0092576	65.98899	4.043280
#3	.0888751	.001332	4.445584	-.036521	.0094839	66.15212	4.052129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066815	.0375519	112.4515	.2572190	.0622458	3.872269	208.6992
Stddev	.0001596	.0003750	.0480	.0039637	.0001043	.016876	1.4445
%RSD	2.388293	.9987601	.0426560	1.540971	.1675068	.4358255	.6921360

#1	.0068508	.0373840	112.4561	.2534339	.0621396	3.889530	210.3001
#2	.0065339	.0372901	112.4971	.2613399	.0623481	3.855805	208.3042
#3	.0066598	.0379816	112.4014	.2568831	.0622498	3.871472	207.4932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.316239	18.23676	.1593824	-.016704	1.572244	.1592265	10.79135
Stddev	.003547	.28102	.0004270	.000167	.003275	.0071854	.15250
%RSD	.1069718	1.540935	.2679028	1.002696	.2083268	4.512705	1.413204

#1	3.315422	18.55569	.1590307	-.016896	1.569047	.1612548	10.73948
#2	3.313171	18.12908	.1592589	-.016619	1.575593	.1512449	10.96302
#3	3.320123	18.02551	.1598575	-.016595	1.572094	.1651798	10.67154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.451771	1.188700	.2182590	.0091428	3.255810	8.229861	.1910791
Stddev	.039113	.004847	.0017324	.0002191	.002098	.070015	.0015606
%RSD	.8785987	.4077463	.7937373	2.395975	.0644266	.8507463	.8167251

#1	4.496549	1.185471	.2201876	.0088906	3.253406	8.300603	.1912835
#2	4.434487	1.186356	.2168346	.0092517	3.257264	8.228384	.1894263
#3	4.424278	1.194274	.2177548	.0092860	3.256761	8.160596	.1925273

Sample Name: J2637-10 Acquired: 5/8/2018 18:59:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.406827	.0518269	.4276972
Stddev	.009032	.0009055	.0015530
%RSD	.6419964	1.747247	.3631069

#1	1.416880	.0525448	.4294885
#2	1.404207	.0521264	.4268728
#3	1.399396	.0508096	.4267302

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.400	1706.602	44800.27	4145.369	2653.874
Stddev	19.356	5.800	373.15	32.944	4.705
%RSD	1.156704	.3398544	.8329088	.7947280	.1772754

#1	1678.486	1712.753	45155.76	4108.239	2659.292
#2	1652.009	1701.233	44411.68	4156.768	2650.819
#3	1689.706	1705.819	44833.38	4171.100	2651.512

Sample Name: J2529-02 Acquired: 5/8/2018 19:03:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1518232	-.005727	5.080965	-.009592	.0161399	10.96516
Stddev	.0032376	.003627	.012911	.000570	.0004738	.11108
%RSD	2.132452	63.33304	.2541035	5.946045	2.935430	1.013040

#1	.1513068	-.006485	5.071071	-.009187	.0165872	10.99820
#2	.1488749	-.008914	5.076254	-.010245	.0161889	10.84130
#3	.1552879	-.001781	5.095570	-.009345	.0156435	11.05597

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1189397	.0010725	.0120308	F 987.2959	.2110165	.0056400
Stddev	.0006991	.0000639	.0001239	3.0859	.0003840	.0001572
%RSD	.5877699	5.955558	1.029792	.3125654	.1819977	2.786400

#1	.1191460	.0010007	.0120939	989.6117	.2109823	.0058135
#2	.1195124	.0010934	.0121104	988.4835	.2106507	.0055071
#3	.1181607	.0011232	.0118881	983.7926	.2114165	.0055995

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.504879	33.61128	3.203795	499.2928	.0172209	-.000143
Stddev	.012090	.47981	.016887	5.4038	.0005075	.000633
%RSD	.8033775	1.427516	.5270988	1.082301	2.946776	442.1595

#1	1.518836	33.74049	3.203563	498.9838	.0168861	-.000689
#2	1.498127	33.08011	3.220797	494.0500	.0178048	-.000291
#3	1.497673	34.01326	3.187025	504.8445	.0169719	.000550

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.304473	.1635784	.9523367	3.775101	.1266634	.0600415
Stddev	.272943	.0044191	.0035741	.071827	.0013591	.0019475
%RSD	11.84406	2.701523	.3752949	1.902639	1.072985	3.243598

#1	2.597062	.1641613	.9551376	3.695476	.1281382	.0621988
#2	2.259626	.1588968	.9483114	3.835012	.1263903	.0584131
#3	2.056731	.1676772	.9535613	3.794815	.1254616	.0595127

Sample Name: J2529-02 Acquired: 5/8/2018 19:03:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASQ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045721	4.333920	2.497693	-.005033	.1703381	.0411341
Stddev	.0001699	.035104	.036423	.001840	.0022223	.0008189
%RSD	3.715976	.8099826	1.458252	36.55779	1.304643	1.990762

#1	.0044050	4.357434	2.525329	-.003866	.1693731	.0408953
#2	.0045665	4.350758	2.456420	-.007154	.1687615	.0404611
#3	.0047447	4.293570	2.511331	-.004080	.1728798	.0420458

Elem	Sr4077
Units	ppm
Avg	.4955694
Stddev	.0019503
%RSD	.3935479

#1	.4975258
#2	.4955571
#3	.4936253

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.980	1432.388	37930.87	3655.918	2203.477
Stddev	2.998	1.705	244.59	30.267	1.270
%RSD	.2152037	.1190207	.6448204	.8278802	.0576463

#1	1395.738	1430.600	37880.96	3639.721	2204.094
#2	1389.789	1432.567	37715.08	3690.837	2202.017
#3	1393.414	1433.996	38196.56	3637.198	2204.321

Sample Name: CCV053 Acquired: 5/8/2018 19:07:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.728760	4.851938	24.08654	4.650912	4.733359	405.5970
Stddev	.019855	.023248	.03602	.009579	.009402	4.2813
%RSD	.4198780	.4791469	.1495518	.2059599	.1986309	1.055554

#1	4.717654	4.866813	24.12790	4.652402	4.737353	403.5632
#2	4.716943	4.825148	24.06970	4.640675	4.722620	402.7116
#3	4.751683	4.863854	24.06203	4.659658	4.740105	410.5161

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.990367	.5013296	2.452997	406.0474	14.80122	2.449820
Stddev	.155736	.0045308	.005058	6.0922	.05079	.008209
%RSD	1.558866	.9037521	.2062157	1.500373	.3431743	.3350712

#1	9.888601	.5017154	2.458824	402.2200	14.85552	2.458753
#2	9.912851	.4966182	2.450436	402.8494	14.75487	2.448096
#3	10.16965	.5056551	2.449732	413.0727	14.79326	2.442610

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83176	408.6105	14.87910	398.2975	2.435417	1.231344
Stddev	.20722	3.4953	.18849	2.8536	.007721	.001849
%RSD	1.397149	.8554137	1.266829	.7164562	.3170221	.1501730

#1	14.69450	408.7963	14.79076	398.6672	2.443816	1.230234
#2	14.73067	405.0260	14.75099	395.2771	2.428628	1.230319
#3	15.07013	412.0092	15.09553	400.9483	2.433808	1.233479

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	404.8651	2.438021	15.01301	155.8025	F 6.112967	5.106399
Stddev	4.3433	.026213	.04861	1.9067	.027402	.055653
%RSD	1.072774	1.075172	.3238157	1.223804	.4482573	1.089877

#1	402.7471	2.425734	15.05090	154.7164	6.124201	5.109632
#2	401.9872	2.420209	15.02995	154.6870	6.081734	5.049200
#3	409.8611	2.468120	14.95820	158.0041	6.132967	5.160366

Sample Name: CCV053 Acquired: 5/8/2018 19:07:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.737272	5.032645	4.855028	4.887622	4.911720	5.013840
Stddev	.003882	.006378	.052209	.014487	.030557	.074363
%RSD	.0819553	.1267282	1.075354	.2964058	.6221173	1.483147

#1	4.739834	5.036120	4.857876	4.893566	4.892292	4.960385
#2	4.732805	5.025284	4.801453	4.871108	4.895927	4.982373
#3	4.739178	5.036530	4.905754	4.898192	4.946942	5.098763

Elem	Sr4077
Units	ppm
Avg	5.002603
Stddev	.063888
%RSD	1.277092

#1	4.966121
#2	4.965316
#3	5.076373

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.999	1369.080	37227.23	3533.502	2143.118
Stddev	3.695	1.426	48.11	32.075	4.599
%RSD	.2726663	.1041226	.1292382	.9077495	.2145713

#1	1357.064	1368.058	37179.41	3539.777	2137.857
#2	1350.734	1370.708	37226.66	3561.976	2146.371
#3	1357.200	1368.473	37275.63	3498.753	2145.126

Sample Name: CCB053 Acquired: 5/8/2018 19:11:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037306	-.004072	.0022798	.0010624	.0022389	.0041976	.0033491
Stddev	.0003485	.002336	.0010439	.0025726	.0007722	.0047836	.0004439
%RSD	9.341736	57.35599	45.78781	242.1476	34.48895	113.9600	13.25433

#1	.0035119	-.004097	.0033191	.0037028	.0023611	.0070925	.0028677
#2	.0035473	-.006395	.0022889	-.001437	.0029428	-.001324	.0034372
#3	.0041325	-.001724	.0012314	.000921	.0014130	.006824	.0037423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000335	-.000042	.0275185	.0002979	.0003728	-.000930	-.001823
Stddev	.0000522	.000063	.0027463	.0003951	.0002922	.003217	.038741
%RSD	155.9910	150.6946	9.979805	132.6011	78.37904	345.9016	2124.557

#1	.0000386	-.000044	.0277667	-.000117	.0003308	-.004602	.034808
#2	-.000021	.000022	.0301323	.000340	.0006837	.001387	.002098
#3	.000083	-.000103	.0246565	.000670	.0001039	.000426	-.042376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005243	-.020192	.0007026	.0003191	.1739709	.0016283	.0005606
Stddev	.0003403	.016142	.0000478	.0001423	.2120960	.0041574	.0003613
%RSD	64.91079	79.94268	6.810140	44.58716	121.9147	255.3266	64.45419

#1	.0009138	-.004298	.0007271	.0004272	.2631552	-.001794	.0009318
#2	.0003746	-.036571	.0006475	.0003722	-.068154	.000424	.0005402
#3	.0002844	-.019707	.0007332	.0001579	.326912	.006255	.0002099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1129631	-.000189	.0079480	.0000513	-.009722	-.000191	.0002822
Stddev	.0544087	.000167	.0024607	.0002054	.002777	.001737	.0007163
%RSD	48.16505	88.33053	30.95938	400.6246	28.56638	908.0182	253.8709

#1	.0623840	-.000285	.0097030	.0001817	-.010394	.001788	-.000451
#2	.1705269	.000004	.0090057	.0001575	-.006670	-.001462	.000981
#3	.1059784	-.000287	.0051354	-.000185	-.012101	-.000900	.000317

Sample Name: CCB053 Acquired: 5/8/2018 19:11:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023380	.0021434	.0001432
Stddev	.0007996	.0008348	.0000588
%RSD	34.19998	38.94553	41.06332

#1	.0022889	.0030861	.0002089
#2	.0015641	.0014979	.0001255
#3	.0031610	.0018463	.0000953

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1613.394	1638.891	43068.12	3740.925	2816.998
Stddev	8.123	8.796	144.00	37.340	14.846
%RSD	.5034899	.5367156	.3343448	.9981406	.5270301

#1	1622.176	1628.961	42923.06	3771.125	2800.279
#2	1611.858	1645.705	43211.02	3699.175	2822.076
#3	1606.149	1642.009	43070.29	3752.475	2828.640

Sample Name: J2529-03 Acquired: 5/8/2018 19:15:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3158877	.0355002	3.832820	-.094957	.0166349	129.3770	2.727299
Stddev	.0073087	.0028785	.035174	.001889	.0026780	.2544	.002588
%RSD	2.313690	8.108452	.9177121	1.989802	16.09876	.1966276	.0948771

#1	.3079078	.0385592	3.817178	-.094838	.0196241	129.0995	2.725413
#2	.3222562	.0328447	3.808181	-.096903	.0144545	129.4324	2.730249
#3	.3174991	.0350967	3.873103	-.093129	.0158261	129.5991	2.726234

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0245992	.0270364	236.8662	.2679598	.1540096	.5596725	514.4774
Stddev	.0001531	.0003553	.1920	.0012647	.0008789	.0016673	2.7625
%RSD	.6224466	1.314057	.0810603	.4719867	.5706486	.2979068	.5369595

#1	.0246486	.0266883	236.8429	.2671969	.1536003	.5608089	512.4752
#2	.0247214	.0270224	237.0688	.2672628	.1534100	.5577584	513.3278
#3	.0244274	.0273985	236.6869	.2694197	.1550185	.5604502	517.6291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.14468	49.66163	.1725821	-.045100	3.766304	.4417059	6.934869
Stddev	.04765	.29975	.0007930	.000542	.069373	.0042496	.014400
%RSD	.1755436	.6035778	.4594671	1.201662	1.841943	.9620822	.2076416

#1	27.12268	49.46475	.1729312	-.044988	3.805306	.4409400	6.950936
#2	27.19935	49.51355	.1716745	-.044623	3.807398	.4378914	6.923128
#3	27.11199	50.00660	.1731407	-.045689	3.686208	.4462864	6.930544

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.35618	1.383605	.5478540	.0173853	11.49910	14.76013	.0988819
Stddev	.03380	.017685	.0116594	.0005634	.09322	.03249	.0027307
%RSD	.2200845	1.278208	2.128185	3.240953	.8106770	.2201425	2.761549

#1	15.32634	1.383403	.5440970	.0172333	11.49007	14.77170	.0968742
#2	15.34931	1.366022	.5385363	.0180092	11.41073	14.78526	.0977802
#3	15.39288	1.401391	.5609287	.0169135	11.59651	14.72344	.1019913

Sample Name: J2529-03 Acquired: 5/8/2018 19:15:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS72 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.956369	.1684181	.6301674
Stddev	.006021	.0007437	.0003598
%RSD	.3077650	.4415672	.0571020

#1	1.950249	.1679438	.6298351
#2	1.956572	.1692752	.6301175
#3	1.962286	.1680353	.6305496

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.892	1910.474	50529.19	4697.984	2422.956
Stddev	3.413	10.849	87.90	11.556	18.394
%RSD	.1830995	.5678462	.1739569	.2459839	.7591432

#1	1860.048	1914.968	50537.13	4703.886	2429.465
#2	1865.063	1918.352	50612.85	4684.669	2437.211
#3	1866.565	1898.100	50437.59	4705.398	2402.193

Sample Name: J2529-04 Acquired: 5/8/2018 19:19:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1424786	.0227615	.6630156	-.027809	.0072247	87.02441	3.134511
Stddev	.0041516	.0007570	.0034041	.002004	.0013171	.29810	.005477
%RSD	2.913880	3.325737	.5134310	7.205519	18.23095	.3425436	.1747465

#1	.1381450	.0218876	.6606253	-.029675	.0073089	86.76027	3.130714
#2	.1464205	.0231856	.6615083	-.028061	.0058675	87.34762	3.140790
#3	.1428701	.0232114	.6669131	-.025691	.0084978	86.96533	3.132030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151182	.0039828	75.52379	.1107713	.1283433	.5404250	176.8822
Stddev	.0000888	.0000942	.10684	.0007122	.0002795	.0075429	1.0314
%RSD	.5871615	2.366230	.1414669	.6429230	.2177716	1.395725	.5830899

#1	.0150274	.0039922	75.42179	.1103155	.1285253	.5319460	175.7231
#2	.0152048	.0038842	75.51468	.1104065	.1280215	.5429397	177.6986
#3	.0151224	.0040720	75.63489	.1115920	.1284831	.5463893	177.2250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.13987	8.218631	.2499421	-.014089	3.285044	.2941161	1.414307
Stddev	.13474	.012304	.0010348	.000483	.096764	.0013595	.007863
%RSD	.4964579	.1497148	.4139949	3.429167	2.945582	.4622394	.5559949

#1	27.10437	8.213626	.2499058	-.014160	3.371357	.2956855	1.411505
#2	27.02643	8.209618	.2509945	-.014533	3.303334	.2933011	1.408229
#3	27.28880	8.232649	.2489260	-.013575	3.180440	.2933616	1.423188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.08930	.8779564	.2200744	.0213909	5.776504	6.748609	.0442983
Stddev	.10978	.0004807	.0015627	.0003295	.025190	.061820	.0011308
%RSD	.5205408	.0547557	.7100796	1.540415	.4360708	.9160465	2.552584

#1	20.99603	.8781033	.2198135	.0216203	5.786984	6.689648	.0435051
#2	21.21028	.8774194	.2217512	.0210133	5.794763	6.812939	.0437968
#3	21.06159	.8783466	.2186586	.0215391	5.747767	6.743241	.0455931

Sample Name: J2529-04 Acquired: 5/8/2018 19:19:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS73 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.790296	.1762591	1.107612
Stddev	.010505	.0001097	.000861
%RSD	.5867663	.0622223	.0777783

#1	1.779816	.1762993	1.107251
#2	1.800825	.1763430	1.106989
#3	1.790246	.1761350	1.108595

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.290	1885.861	49711.40	4537.909	2628.228
Stddev	11.873	3.725	222.47	20.708	5.577
%RSD	.6451896	.1975279	.4475298	.4563275	.2122088

#1	1834.637	1883.830	49742.93	4550.790	2621.972
#2	1853.934	1890.160	49916.43	4514.022	2632.680
#3	1832.300	1883.592	49474.85	4548.914	2630.031

Sample Name: J2529-05 Acquired: 5/8/2018 19:23:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2964546	.0368982	3.872492	-.059942	.0089892	156.4427
Stddev	.0021651	.0026988	.018366	.001421	.0019455	.9470
%RSD	.7303308	7.314236	.4742775	2.371324	21.64292	.6053135

#1	.2986892	.0388031	3.861731	-.059435	.0106902	155.4127
#2	.2963083	.0380818	3.862045	-.058843	.0094096	156.6398
#3	.2943664	.0338099	3.893699	-.061547	.0068679	157.2757

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.764036	.0299796	.0215459	447.3197	.1518825	.1277618
Stddev	.005630	.0002923	.0001541	.5678	.0005281	.0010097
%RSD	.1495643	.9750823	.7153104	.1269346	.3477006	.7902902

#1	3.770288	.0296561	.0214701	447.5036	.1516574	.1271893
#2	3.762451	.0302249	.0214445	447.7729	.1524859	.1271685
#3	3.759368	.0300578	.0217233	446.6828	.1515043	.1289276

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3260694	315.6179	F 30.78548	51.53442	.1169995	-.027503
Stddev	.0046556	4.0614	.16536	.66583	.0014733	.000594
%RSD	1.427796	1.286822	.5371249	1.292011	1.259229	2.159363

#1	.3248846	311.1607	30.80137	50.80629	.1153501	-.028061
#2	.3221206	316.5832	30.94233	51.68473	.1174634	-.026878
#3	.3312029	319.1097	30.61276	52.11226	.1181851	-.027569

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.015032	.3419144	3.990590	24.67711	1.781130	.4662287
Stddev	.147139	.0036670	.020574	.05534	.015007	.0096628
%RSD	3.664698	1.072484	.5155510	.2242621	.8425295	2.072537

#1	3.956842	.3394850	3.971137	24.61569	1.770133	.4623828
#2	4.182367	.3401258	3.988508	24.69255	1.775030	.4590809
#3	3.905888	.3461325	4.012126	24.72309	1.798226	.4772222

Sample Name: J2529-05 Acquired: 5/8/2018 19:23:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS74 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120032	15.95987	5.321506	.1944439	3.454319	.2313873
Stddev	.0002983	.14429	.047035	.0027964	.028451	.0015082
%RSD	2.485342	.9040581	.8838696	1.438173	.8236407	.6518143

#1	.0117681	15.84940	5.267524	.1965753	3.426499	.2320342
#2	.0119028	15.90710	5.343323	.1912775	3.453097	.2296635
#3	.0123388	16.12311	5.353671	.1954790	3.483362	.2324641

Elem	Sr4077
Units	ppm
Avg	1.313818
Stddev	.002163
%RSD	.1646660

#1	1.313329
#2	1.316184
#3	1.311940

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.787	2173.001	57167.08	5437.031	2328.746
Stddev	8.465	6.490	152.40	29.378	8.217
%RSD	.3963218	.2986557	.2665818	.5403372	.3528389

#1	2137.435	2179.467	57342.63	5466.657	2333.770
#2	2143.305	2173.050	57068.69	5436.528	2333.204
#3	2126.619	2166.487	57089.93	5407.907	2319.263

Sample Name: J2529-06 Acquired: 5/8/2018 19:27:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2647089	.0344182	3.559840	-.049716	.0082704	158.6120	3.714359
Stddev	.0013786	.0040472	.015086	.002874	.0016309	.2190	.013225
%RSD	.5208019	11.75881	.4237704	5.781006	19.71990	.1380628	.3560466

#1	.2643016	.0315779	3.559282	-.048399	.0064554	158.4593	3.704492
#2	.2662453	.0326245	3.545041	-.053013	.0096129	158.8629	3.729386
#3	.2635798	.0390523	3.575197	-.047736	.0087431	158.5138	3.709199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0307612	.0197758	475.6830	.1708348	.1223750	.3169955	286.2584
Stddev	.0002766	.0002308	1.6644	.0015612	.0007285	.0018266	1.1562
%RSD	.8991428	1.167297	.3498872	.9138758	.5952899	.5762338	.4038918

#1	.0310776	.0198491	474.1506	.1717871	.1226033	.3159078	285.1035
#2	.0305657	.0195172	477.4536	.1690330	.1215596	.3159743	287.4159
#3	.0306402	.0199611	475.4449	.1716842	.1229619	.3191043	286.2558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.35503	53.59333	.1102933	-.024690	4.123826	.3299597	3.690616
Stddev	.07578	.13113	.0015482	.000336	.105541	.0056946	.014527
%RSD	.2581664	.2446685	1.403689	1.360077	2.559305	1.725853	.3936109

#1	29.28127	53.60203	.1101195	-.024330	4.243124	.3312296	3.683093
#2	29.35114	53.71989	.1088394	-.024994	4.042615	.3237374	3.707361
#3	29.43269	53.45807	.1119211	-.024748	4.085739	.3349123	3.681393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.91682	1.496796	.4554806	.0116164	17.94744	3.665198	.1835339
Stddev	.06271	.004654	.0081299	.0001103	.07437	.011018	.0012163
%RSD	.2419853	.3109321	1.784902	.9493445	.4143603	.3006174	.6627325

#1	25.93191	1.498857	.4463785	.0117280	17.96315	3.676358	.1843502
#2	25.97062	1.491468	.4580420	.0115075	17.86647	3.654328	.1821359
#3	25.84794	1.500064	.4620213	.0116137	18.01270	3.664908	.1841155

Sample Name: J2529-06 Acquired: 5/8/2018 19:27:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS75 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.636698	.2306173	1.331037
Stddev	.011044	.0005778	.002861
%RSD	.3036795	.2505299	.2149773

#1	3.624938	.2300094	1.327806
#2	3.646849	.2311593	1.333254
#3	3.638308	.2306833	1.332050

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.455	2197.804	57636.31	5491.631	2322.462
Stddev	14.416	2.998	333.68	17.796	7.736
%RSD	.6738021	.1364134	.5789354	.3240653	.3331073

#1	2140.052	2199.730	57325.01	5471.409	2320.276
#2	2124.751	2199.332	57595.33	5498.577	2331.057
#3	2153.564	2194.350	57988.58	5504.907	2316.055

Sample Name: J2529-07 Acquired: 5/8/2018 19:31:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS76 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1514720	.0077913	1.392125	-.065364	.0136296	103.2583	1.368424
Stddev	.0030346	.0004987	.004247	.004869	.0010692	.3248	.003788
%RSD	2.003383	6.401431	.3050494	7.448935	7.844824	.3145631	.2768441

#1	.1519775	.0082620	1.393108	-.068512	.0147084	103.3702	1.371913
#2	.1542220	.0078433	1.395795	-.067824	.0125703	103.5124	1.364394
#3	.1482164	.0072685	1.387474	-.059756	.0136102	102.8924	1.368966

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182791	.0146705	93.65090	.4129777	.1801898	.2926690	412.9904
Stddev	.0001754	.0001307	.11943	.0022715	.0003436	.0022828	2.6313
%RSD	.9593433	.8907924	.1275225	.5500413	.1906869	.7799850	.6371223

#1	.0183202	.0146364	93.70909	.4149599	.1805031	.2948014	412.3775
#2	.0180869	.0148148	93.51353	.4134741	.1802440	.2929447	415.8740
#3	.0184303	.0145602	93.73008	.4104990	.1798223	.2902609	410.7197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.01300	19.12688	.1405337	-.036260	2.067098	.5317985	4.821041
Stddev	.00561	.06907	.0011067	.000501	.145716	.0054289	.018514
%RSD	.0350162	.3611331	.7874744	1.381442	7.049295	1.020860	.3840244

#1	16.01938	19.19644	.1394212	-.036461	2.224707	.5360437	4.810619
#2	16.00888	19.12590	.1405453	-.035690	2.039307	.5336704	4.842417
#3	16.01074	19.05830	.1416345	-.036629	1.937278	.5256813	4.810087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05157	.8360818	.4245222	.0131730	6.178305	10.01650	.1621706
Stddev	.05974	.0043882	.0061587	.0001121	.021138	.05252	.0030646
%RSD	.5943138	.5248518	1.450728	.8511610	.3421265	.5243378	1.889722

#1	9.98607	.8384205	.4177367	.0130455	6.190756	10.02037	.1590666
#2	10.10306	.8388052	.4297580	.0132563	6.190259	10.06697	.1651942
#3	10.06557	.8310196	.4260719	.0132173	6.153899	9.96214	.1622509

Sample Name: J2529-07 Acquired: 5/8/2018 19:31:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS76 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.273740	.0936660	.2599554
Stddev	.002089	.0005935	.0002859
%RSD	.1640289	.6336725	.1099919

#1	1.272990	.0931083	.2602594
#2	1.276101	.0942898	.2599150
#3	1.272129	.0935999	.2596918

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.355	1888.139	49825.08	4594.604	2602.309
Stddev	6.253	3.059	380.29	31.869	5.707
%RSD	.3377388	.1619879	.7632593	.6936267	.2193116

#1	1847.056	1885.497	49435.68	4579.836	2602.355
#2	1848.482	1887.432	49844.01	4572.798	2596.579
#3	1858.528	1891.490	50195.56	4631.179	2607.993

Sample Name: J2529-08 Acquired: 5/8/2018 19:35:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1394002	.0026257	.5445948	-.095208	.0143416	118.7697	.7173467
Stddev	.0024423	.0026694	.0038396	.006090	.0008256	.1447	.0015227
%RSD	1.751981	101.6646	.7050381	6.396647	5.756846	.1218353	.2122713

#1	.1392411	.0003791	.5485720	-.101277	.0140174	118.8538	.7173433
#2	.1370414	.0055766	.5409095	-.089097	.0152802	118.8526	.7188712
#3	.1419181	.0019213	.5443028	-.095249	.0137274	118.6026	.7158257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202078	.0027090	25.29337	.7306493	.3293333	.0633592	586.9773
Stddev	.0001378	.0001446	.07005	.0010537	.0009950	.0014682	1.4743
%RSD	.6817973	5.338686	.2769433	.1442118	.3021191	2.317229	.2511732

#1	.0200519	.0028740	25.26857	.7297620	.3287074	.0619038	585.7916
#2	.0202582	.0026490	25.37244	.7318139	.3288119	.0648398	588.6281
#3	.0203133	.0026042	25.23908	.7303720	.3304806	.0633340	586.5122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47846	6.731073	.1290292	-.051929	2.083788	.7586949	.4393821
Stddev	.04031	.085885	.0014270	.000689	.147770	.0036652	.0010064
%RSD	.2784114	1.275948	1.105957	1.327544	7.091417	.4830904	.2290546

#1	14.48389	6.779337	.1276627	-.051586	1.958977	.7620379	.4401651
#2	14.51577	6.631913	.1289151	-.051477	2.246954	.7547758	.4397344
#3	14.43570	6.781969	.1305099	-.052722	2.045433	.7592711	.4382469

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.045878	.2528012	.5289495	.0118344	1.221001	7.452311	.0121851
Stddev	.068029	.0014571	.0062605	.0001600	.016254	.019935	.0037088
%RSD	1.348204	.5763896	1.183566	1.351949	1.331209	.2674958	30.43716

#1	4.996526	.2518097	.5221166	.0120172	1.224274	7.458459	.0164367
#2	5.017628	.2521198	.5303221	.0117201	1.203359	7.468446	.0096138
#3	5.123480	.2544742	.5344098	.0117659	1.235369	7.430026	.0105049

Sample Name: J2529-08 Acquired: 5/8/2018 19:35:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS77 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7865254	.0533667	.1045277
Stddev	.0025320	.0004882	.0002822
%RSD	.3219251	.9148050	.2699517

#1	.7837576	.0532621	.1047128
#2	.7887251	.0538987	.1046673
#3	.7870936	.0529392	.1042029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.168	1874.982	49239.17	4453.145	2633.149
Stddev	6.867	2.097	13.03	21.190	5.495
%RSD	.3752355	.1118217	.0264674	.4758513	.2087011

#1	1826.329	1872.743	49247.70	4453.387	2636.592
#2	1826.077	1876.898	49224.17	4431.834	2636.044
#3	1838.096	1875.306	49245.64	4474.213	2626.811

Sample Name: J2529-09 Acquired: 5/8/2018 19:39:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1520674	-.001110	.7917519	-.093693	.0168087	118.7855	.9338997
Stddev	.0012687	.003872	.0008520	.003201	.0023412	.2547	.0011882
%RSD	.8342951	348.9992	.1076078	3.416257	13.92825	.2144397	.1272346

#1	.1531368	.003325	.7909584	-.090043	.0141054	118.7390	.9339104
#2	.1523997	-.002832	.7916449	-.095014	.0181426	119.0603	.9350826
#3	.1506656	-.003822	.7926523	-.096021	.0181779	118.5573	.9327062

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217326	.0053735	66.15916	.5858931	.2016663	.1450499	580.5825
Stddev	.0001493	.0003564	.06982	.0026703	.0013178	.0025544	4.5033
%RSD	.6871429	6.632708	.1055361	.4557721	.6534427	1.761056	.7756460

#1	.0216051	.0054342	66.11106	.5877133	.2026478	.1424264	581.5141
#2	.0218969	.0049906	66.12718	.5828276	.2001686	.1475291	584.5471
#3	.0216958	.0056956	66.23925	.5871386	.2021826	.1451941	575.6863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16119	16.95342	.1269724	-.054251	2.481157	.7037232	1.308966
Stddev	.01291	.09605	.0008899	.000834	.112512	.0049395	.003812
%RSD	.1156638	.5665442	.7008695	1.537889	4.534658	.7019040	.2911952

#1	11.17600	16.96933	.1277677	-.053451	2.516700	.7068536	1.305098
#2	11.15234	17.04052	.1260112	-.054187	2.571604	.6980290	1.312718
#3	11.15522	16.85041	.1271382	-.055116	2.355166	.7062870	1.309082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.981840	.3744178	.5291337	.0107693	3.144428	8.335639	.0350040
Stddev	.012679	.0025032	.0039770	.0003135	.030836	.036724	.0007313
%RSD	.1588506	.6685490	.7516061	2.910859	.9806622	.4405680	2.089067

#1	7.981765	.3742710	.5302147	.0110349	3.163925	8.322344	.0348086
#2	7.969199	.3719912	.5324584	.0108495	3.108877	8.377159	.0358131
#3	7.994556	.3769911	.5247279	.0104235	3.160482	8.307413	.0343903

Sample Name: J2529-09 Acquired: 5/8/2018 19:39:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS78 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9280894	.0770759	.1834464
Stddev	.0039739	.0005336	.0002998
%RSD	.4281801	.6923720	.1634487

#1	.9261237	.0764743	.1837146
#2	.9326631	.0774921	.1835020
#3	.9254814	.0772613	.1831227

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.555	1861.202	48630.58	4433.401	2581.344
Stddev	13.596	3.909	136.23	17.070	8.943
%RSD	.7521822	.2100419	.2801351	.3850326	.3464343

#1	1820.868	1858.609	48635.72	4445.906	2576.648
#2	1793.693	1865.698	48764.17	4413.953	2591.656
#3	1808.104	1859.298	48491.86	4440.343	2575.727

Sample Name: J2529-10 Acquired: 5/8/2018 19:43:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1325576	.0061390	.8852713	-.072387	.0096388	129.4799	1.291975
Stddev	.0044637	.0011080	.0026393	.004094	.0015304	.5073	.013156
%RSD	3.367363	18.04838	.2981351	5.655883	15.87695	.3917811	1.018300

#1	.1367385	.0069860	.8822247	-.076811	.0104779	128.9698	1.280081
#2	.1278567	.0065460	.8868596	-.071617	.0078725	129.4857	1.289738
#3	.1330777	.0048851	.8867298	-.068733	.0105661	129.9843	1.306107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187287	.0045148	47.48115	.4357535	.2708329	.1525418	454.7747
Stddev	.0001580	.0001605	.46157	.0030782	.0011018	.0047585	.9461
%RSD	.8437845	3.555194	.9721102	.7064153	.4068295	3.119439	.2080419

#1	.0186729	.0043382	47.05720	.4376859	.2698897	.1510334	455.1357
#2	.0189071	.0046519	47.41340	.4322038	.2705650	.1487204	455.4872
#3	.0186061	.0045544	47.97285	.4373709	.2720439	.1578717	453.7012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.09881	10.87330	.1384965	-.041737	1.913757	.5332214	1.163823
Stddev	.18750	.07977	.0012819	.000608	.122294	.0037585	.003667
%RSD	1.164705	.7335920	.9255491	1.455795	6.390243	.7048668	.3150497

#1	15.88477	10.80507	.1378732	-.041168	1.790787	.5310491	1.165848
#2	16.23407	10.85383	.1376455	-.041666	2.035363	.5375613	1.159591
#3	16.17760	10.96100	.1399708	-.042377	1.915123	.5310537	1.166031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.465488	.3402835	.4316388	.0103214	2.728456	10.07090	.0448629
Stddev	.077723	.0012422	.0105060	.0003820	.016195	.07183	.0019583
%RSD	.8211159	.3650509	2.433984	3.701092	.5935453	.7132451	4.364993

#1	9.386854	.3392174	.4376993	.0105246	2.710930	10.02149	.0470898
#2	9.542266	.3399854	.4195075	.0105588	2.731571	10.15330	.0440894
#3	9.467345	.3416476	.4377096	.0098807	2.742867	10.03792	.0434095

Sample Name: J2529-10 Acquired: 5/8/2018 19:43:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS79 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7660899	.0857955	.1556635
Stddev	.0013187	.0010900	.0014797
%RSD	.1721322	1.270439	.9506071

#1	.7656376	.0848097	.1541408
#2	.7650569	.0856108	.1557533
#3	.7675753	.0869661	.1570962

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.674	1902.232	49843.39	4441.721	2608.984
Stddev	3.354	3.152	169.12	36.559	4.645
%RSD	.1798464	.1657074	.3392997	.8230916	.1780370

#1	1860.823	1903.091	49670.60	4461.229	2613.636
#2	1866.250	1904.865	50008.57	4399.546	2608.968
#3	1866.950	1898.739	49851.00	4464.389	2604.346

Sample Name: J2529-11 Acquired: 5/8/2018 19:47:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1222098	.0096655	1.368341	-.049386	.0118594	93.71221	1.419000
Stddev	.0014609	.0022119	.010529	.005395	.0004249	.31995	.001303
%RSD	1.195438	22.88459	.7695034	10.92408	3.582784	.3414176	.0918238

#1	.1230685	.0102781	1.356371	-.045630	.0122634	93.63126	1.418214
#2	.1230380	.0072118	1.376173	-.055568	.0118985	93.44051	1.420504
#3	.1205230	.0115065	1.372477	-.046959	.0114163	94.06486	1.418282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133665	.0105408	136.9686	.2824275	.1446867	.3673140	311.0987
Stddev	.0001453	.0000243	.5685	.0009030	.0014987	.0041886	3.4698
%RSD	1.087058	.2304033	.4150785	.3197228	1.035817	1.140326	1.115326

#1	.0132520	.0105402	137.3933	.2829761	.1433328	.3714514	310.3257
#2	.0135300	.0105169	137.1898	.2829212	.1444302	.3674145	308.0806
#3	.0133176	.0105654	136.3227	.2813853	.1462971	.3630760	314.8898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.98092	45.28098	.1317672	-.027582	1.334764	.3428297	3.150063
Stddev	.08760	.54814	.0005546	.000205	.078650	.0093276	.012664
%RSD	.5158858	1.210529	.4209289	.7426703	5.892441	2.720784	.4020348

#1	17.06529	45.31826	.1313644	-.027816	1.398727	.3398898	3.141309
#2	16.98705	44.71516	.1315374	-.027490	1.246949	.3353262	3.164585
#3	16.89041	45.80954	.1323998	-.027438	1.358615	.3532731	3.144296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.317628	1.223582	.3238613	.0199498	5.124902	9.808314	.0521769
Stddev	.019306	.014913	.0100346	.0002380	.059344	.016359	.0029119
%RSD	.2321058	1.218759	3.098422	1.193061	1.157948	.1667846	5.580726

#1	8.339187	1.206475	.3258754	.0201724	5.057690	9.789561	.0495012
#2	8.311757	1.230437	.3129724	.0196989	5.146950	9.819652	.0552781
#3	8.301938	1.233835	.3327361	.0199780	5.170066	9.815729	.0517514

Sample Name: J2529-11 Acquired: 5/8/2018 19:47:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS80 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9202853	.0892310	.2671953
Stddev	.0030694	.0003623	.0004758
%RSD	.3335245	.4060534	.1780664

#1	.9216055	.0895044	.2671823
#2	.9167767	.0888200	.2676775
#3	.9224736	.0893686	.2667262

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.169	1808.441	47641.78	4362.884	2569.496
Stddev	5.711	6.036	25.24	12.014	9.584
%RSD	.3226310	.3337882	.0529823	.2753644	.3729966

#1	1776.269	1814.728	47669.02	4373.677	2580.552
#2	1764.948	1807.905	47619.19	4349.940	2564.393
#3	1769.290	1802.691	47637.13	4365.035	2563.543

Sample Name: J2529-12 Acquired: 5/8/2018 19:51:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS81 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1589288	.0037489	1.298587	-.061124	.0101451	115.5656	1.557814
Stddev	.0059683	.0024954	.003822	.002008	.0014393	.0864	.002739
%RSD	3.755350	66.56251	.2943093	3.285772	14.18741	.0747768	.1758215

#1	.1653450	.0037248	1.294476	-.059076	.0115316	115.4992	1.554874
#2	.1535423	.0062562	1.299252	-.063090	.0086582	115.5343	1.560295
#3	.1578990	.0012657	1.302032	-.061205	.0102457	115.6633	1.558272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188585	.0077869	177.7672	.3649829	.1813084	.8352044	370.1773
Stddev	.0001604	.0000718	.4352	.0005131	.0002312	.0016415	1.1581
%RSD	.8505428	.9222987	.2448209	.1405686	.1275211	.1965378	.3128452

#1	.0190436	.0077838	177.5422	.3643918	.1810553	.8370968	370.4853
#2	.0187714	.0078602	178.2688	.3653120	.1815085	.8343510	368.8964
#3	.0187604	.0077166	177.4905	.3652450	.1813615	.8341655	371.1503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.57465	38.92340	.1226892	-.032895	2.104921	.4423456	2.076601
Stddev	.03896	.06735	.0002401	.001008	.114585	.0041388	.005121
%RSD	.2501760	.1730193	.1956841	3.062816	5.443657	.9356581	.2465888

#1	15.58892	38.98964	.1226779	-.034058	2.112684	.4385696	2.081206
#2	15.60447	38.85500	.1229348	-.032286	2.215427	.4467706	2.077510
#3	15.53057	38.92555	.1224550	-.032341	1.986652	.4416966	2.071086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.952139	.9376754	.3794132	.0098417	5.616599	19.78249	.0644982
Stddev	.081120	.0026788	.0053156	.0001156	.031513	.06156	.0010552
%RSD	.8151025	.2856820	1.401002	1.174784	.5610772	.3111695	1.635970

#1	9.960930	.9390939	.3853440	.0097664	5.633828	19.85339	.0633607
#2	9.866982	.9345857	.3750788	.0099748	5.580227	19.75141	.0646890
#3	10.02851	.9393467	.3778166	.0097838	5.635742	19.74267	.0654450

Sample Name: J2529-12 Acquired: 5/8/2018 19:51:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS81 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.525242	.1238234	.4267042
Stddev	.001142	.0016278	.0010420
%RSD	.0748561	1.314583	.2441946

#1	1.524424	.1219441	.4269817
#2	1.524755	.1247321	.4275794
#3	1.526546	.1247939	.4255516

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.874	1882.957	49557.25	4581.529	2525.033
Stddev	1.101	3.796	138.50	25.760	3.579
%RSD	.0599006	.2016069	.2794825	.5622468	.1417240

#1	1838.958	1879.117	49713.14	4551.814	2520.901
#2	1837.907	1886.708	49448.36	4595.256	2527.059
#3	1836.757	1883.046	49510.25	4597.518	2527.138

Sample Name: J2529-13 Acquired: 5/8/2018 19:55:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1672417	.0235774	1.738657	-.057984	.0097554	125.3432	2.339665
Stddev	.0016964	.0041067	.002006	.005707	.0034354	.1036	.002623
%RSD	1.014358	17.41809	.1154029	9.842940	35.21568	.0826564	.1121238

#1	.1686445	.0200668	1.740948	-.060267	.0091520	125.2437	2.339332
#2	.1677243	.0225718	1.737813	-.051489	.0134526	125.4505	2.337224
#3	.1653562	.0280935	1.737211	-.062197	.0066616	125.3356	2.342439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172700	.0099284	122.3518	.2864441	.2172248	.3565604	369.5388
Stddev	.0000954	.0001559	.3885	.0013691	.0005751	.0038894	1.8402
%RSD	.5522493	1.570017	.3175354	.4779551	.2647264	1.090803	.4979841

#1	.0172167	.0097772	122.7599	.2848986	.2177912	.3596987	369.1169
#2	.0172132	.0099194	121.9864	.2869288	.2166414	.3522091	371.5533
#3	.0173802	.0100886	122.3090	.2875049	.2172417	.3577733	367.9461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.61295	32.15475	.1556988	-.031576	1.938964	.4820916	2.660482
Stddev	.14706	.05536	.0007100	.000291	.279937	.0056843	.005814
%RSD	.5139608	.1721729	.4559836	.9225368	14.43746	1.179093	.2185340

#1	28.78238	32.17413	.1562991	-.031858	1.854429	.4874124	2.661377
#2	28.51847	32.09230	.1549151	-.031276	1.711038	.4761028	2.665798
#3	28.53798	32.19782	.1558820	-.031593	2.251427	.4827596	2.654273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.797149	.9686037	.3628679	.0130453	4.381197	17.61784	.0796830
Stddev	.056183	.0024443	.0095873	.0003643	.030671	.04962	.0017237
%RSD	.6386494	.2523494	2.642105	2.792911	.7000629	.2816256	2.163133

#1	8.751488	.9711729	.3609250	.0134506	4.402009	17.66444	.0792279
#2	8.780070	.9663073	.3732779	.0129406	4.345975	17.56567	.0782325
#3	8.859890	.9683309	.3544008	.0127448	4.395608	17.62342	.0815885

Sample Name: J2529-13 Acquired: 5/8/2018 19:55:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS82 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.289115	.1289604	.3420404
Stddev	.004014	.0006821	.0015134
%RSD	.3113504	.5289195	.4424677

#1	1.289598	.1290055	.3437686
#2	1.292866	.1282569	.3414009
#3	1.284882	.1296188	.3409516

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.721	1885.650	49522.57	4534.853	2556.934
Stddev	4.199	7.760	55.74	11.422	6.210
%RSD	.2278777	.4115226	.1125591	.2518669	.2428546

#1	1839.090	1889.800	49571.00	4522.809	2553.562
#2	1841.753	1890.452	49535.07	4536.220	2564.100
#3	1847.319	1876.697	49461.64	4545.529	2553.140

Sample Name: J2529-14 Acquired: 5/8/2018 19:59:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS82D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1696639	.0231951	1.736414	-.059165	.0100537	124.2773	2.325420
Stddev	.0045533	.0055568	.008995	.004117	.0024014	.6851	.005487
%RSD	2.683694	23.95691	.5180045	6.957977	23.88618	.5512442	.2359652

#1	.1684654	.0247973	1.727915	-.062320	.0080426	124.9470	2.331740
#2	.1658297	.0277748	1.735493	-.054508	.0127125	124.3070	2.322655
#3	.1746965	.0170132	1.745833	-.060666	.0094058	123.5778	2.321866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172713	.0099882	122.0892	.2833873	.2150976	.3570283	365.0116
Stddev	.0002902	.0002432	.2453	.0011862	.0007052	.0036415	3.0378
%RSD	1.680259	2.434975	.2008985	.4185735	.3278308	1.019958	.8322452

#1	.0175159	.0098522	122.3081	.2844193	.2143045	.3557596	368.4355
#2	.0173473	.0098434	121.8241	.2820914	.2156538	.3541908	363.9597
#3	.0169506	.0102690	122.1355	.2836513	.2153346	.3611345	362.6395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.48913	31.94481	.1549864	-.031319	1.845646	.4816137	2.665080
Stddev	.05066	.22197	.0007628	.000524	.053043	.0065237	.016498
%RSD	.1778285	.6948662	.4921846	1.672091	2.873979	1.354554	.6190277

#1	28.49805	32.17489	.1555533	-.031411	1.876105	.4890205	2.681947
#2	28.43460	31.73194	.1541191	-.031792	1.876436	.4767212	2.648979
#3	28.53474	31.92760	.1552868	-.030756	1.784397	.4790995	2.664315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.762494	.9636066	.3511476	.0130613	4.375828	17.51548	.0810660
Stddev	.041221	.0092871	.0047999	.0002941	.020319	.19105	.0002042
%RSD	.4704246	.9637816	1.366925	2.251922	.4643574	1.090733	.2518615

#1	8.792533	.9545190	.3566900	.0133577	4.359516	17.53910	.0812402
#2	8.779450	.9632197	.3483848	.0127695	4.369379	17.69363	.0811166
#3	8.715499	.9730810	.3483678	.0130565	4.398589	17.31373	.0808413

Sample Name: J2529-14 Acquired: 5/8/2018 19:59:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS82D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.279539	.1281308	.3407946
Stddev	.008595	.0010235	.0007540
%RSD	.6716986	.7988000	.2212506

#1	1.289406	.1282786	.3416198
#2	1.275520	.1290723	.3406225
#3	1.273689	.1270414	.3401416

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.244	1888.747	49822.13	4556.685	2567.000
Stddev	19.358	5.525	268.99	42.973	7.449
%RSD	1.048510	.2925354	.5399014	.9430715	.2901969

#1	1829.970	1894.686	49595.28	4536.348	2572.390
#2	1867.651	1887.797	50119.30	4527.656	2570.110
#3	1841.111	1883.759	49751.82	4606.052	2558.499

Sample Name: J2529-15 Acquired: 5/8/2018 20:03:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS82S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2235472	.1258166	1.736838	.0240992	.1710030	127.3589
Stddev	.0051234	.0024867	.003361	.0015775	.0021200	.4117
%RSD	2.291859	1.976427	.1934891	6.545866	1.239739	.3232619

#1	.2217694	.1240810	1.734441	.0223698	.1688802	126.8865
#2	.2195495	.1247034	1.735395	.0254592	.1710086	127.6417
#3	.2293226	.1286654	1.740680	.0244687	.1731202	127.5483

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.962469	.1027249	.1126376	121.7091	.6283534	1.260017
Stddev	.024220	.0007197	.0003881	.5885	.0035136	.002570
%RSD	.4061993	.7006131	.3445594	.4835373	.5591696	.2039460

#1	5.935461	.1020499	.1124281	121.2290	.6258618	1.257718
#2	5.969689	.1026426	.1123993	121.5325	.6323721	1.259543
#3	5.982258	.1034822	.1130855	122.3656	.6268263	1.262791

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7844464	364.6251	F 30.49978	30.58678	1.197796	.0538486
Stddev	.0025210	1.8174	.07154	.18571	.001855	.0005209
%RSD	.3213696	.4984196	.2345469	.6071735	.1548435	.9672406

#1	.7821971	362.8064	30.47041	30.38814	1.195750	.0544239
#2	.7871713	366.4411	30.44760	30.75607	1.199368	.0537127
#3	.7839708	364.6276	30.58132	30.61614	1.198269	.0534092

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.813687	1.370759	3.462162	8.735518	.9593494	.3496710
Stddev	.152469	.004272	.021143	.004200	.0063595	.0085237
%RSD	8.406601	.3116494	.6106929	.0480810	.6628989	2.437623

#1	1.646146	1.369926	3.466113	8.733386	.9551102	.3490520
#2	1.944303	1.366965	3.439322	8.740356	.9666618	.3584872
#3	1.850611	1.375386	3.481051	8.732811	.9562762	.3414737

Sample Name: J2529-15 Acquired: 5/8/2018 20:03:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS82S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130226	4.355238	17.68180	.0773704	1.274605	.1286783
Stddev	.0001030	.013766	.15540	.0020742	.007897	.0021759
%RSD	.7909679	.3160839	.8788841	2.680871	.6195406	1.690949

#1	.0129755	4.367218	17.55925	.0751467	1.266686	.1263042
#2	.0129515	4.358296	17.62955	.0792528	1.282480	.1305776
#3	.0131407	4.340200	17.85659	.0777116	1.274649	.1291531

Elem	Sr4077
Units	ppm
Avg	.3379039
Stddev	.0006907
%RSD	.2044216

#1	.3373491
#2	.3376849
#3	.3386775

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.851	1872.080	49588.33	4551.503	2542.019
Stddev	9.053	3.214	241.54	22.182	4.361
%RSD	.4891212	.1716691	.4870887	.4873593	.1715603

#1	1841.648	1875.634	49354.47	4572.680	2546.706
#2	1859.746	1871.229	49573.65	4553.393	2541.270
#3	1851.158	1869.378	49836.88	4528.436	2538.081

Sample Name: J2529-13LX5 Acquired: 5/8/2018 20:07:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS82L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415681	.0052043	.3345827	-.011842	.0014839	27.26055	.5283625
Stddev	.0023555	.0016224	.0031810	.001536	.0006579	.18038	.0026297
%RSD	5.666652	31.17394	.9507339	12.97489	44.33513	.6616960	.4977061

#1	.0406717	.0043653	.3310002	-.012017	.0007288	27.46360	.5313973
#2	.0397925	.0041731	.3356715	-.013284	.0017895	27.11884	.5267581
#3	.0442403	.0070743	.3370763	-.010226	.0019334	27.19921	.5269320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040386	.0014670	27.32734	.0641779	.0415431	.0754545	82.78903
Stddev	.0000885	.0001802	.06424	.0008051	.0008031	.0048123	1.04343
%RSD	2.190282	12.28759	.2350896	1.254473	1.933282	6.377742	1.260346

#1	.0040428	.0015122	27.39624	.0637262	.0406162	.0760603	83.69707
#2	.0041249	.0012684	27.26908	.0637000	.0419794	.0703679	81.64920
#3	.0039481	.0016203	27.31671	.0651074	.0420336	.0799351	83.02084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.731546	6.907511	.0291731	-.007209	.6528479	.1080777	.5761225
Stddev	.022364	.057788	.0006115	.000235	.0625869	.0037575	.0020708
%RSD	.3322244	.8365895	2.096185	3.255411	9.586753	3.476666	.3594389

#1	6.752157	6.898489	.0292808	-.007301	.5882592	.1037656	.5774346
#2	6.707767	6.854765	.0285149	-.006942	.7132198	.1106499	.5771976
#3	6.734714	6.969278	.0297236	-.007384	.6570648	.1098175	.5737352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.825721	.1840705	.0790080	.0026656	.8222747	4.126791	.0143210
Stddev	.029438	.0025944	.0022325	.0001265	.0066981	.036059	.0016065
%RSD	1.612381	1.409469	2.825673	4.744996	.8145768	.8737663	11.21808

#1	1.852003	.1815691	.0802358	.0027693	.8165476	4.166695	.0153906
#2	1.793912	.1838934	.0764311	.0025246	.8206368	4.096545	.0124736
#3	1.831250	.1867489	.0803572	.0027028	.8296399	4.117133	.0150988

Sample Name: J2529-13LX5 Acquired: 5/8/2018 20:07:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS82L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2859934	.0284002	.0753175
Stddev	.0020764	.0007832	.0002112
%RSD	.7260197	2.757848	.2803583

#1	.2879538	.0289273	.0755197
#2	.2838178	.0287731	.0753345
#3	.2862087	.0275002	.0750984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.462	1704.125	44848.53	3974.067	2754.896
Stddev	5.321	7.772	78.68	30.845	18.259
%RSD	.3168454	.4560641	.1754333	.7761550	.6627733

#1	1682.376	1709.612	44919.39	3939.875	2769.377
#2	1673.320	1707.533	44862.34	3999.800	2760.925
#3	1682.690	1695.232	44763.86	3982.525	2734.385

Sample Name: J2529-16 Acquired: 5/8/2018 20:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1579347	.0006314	3.086938	-.052633	.0119390	113.9987	1.936538
Stddev	.0088086	.0045449	.006529	.001029	.0011283	.5294	.008916
%RSD	5.577338	719.8316	.2114980	1.954172	9.450562	.4644231	.4604120

#1	.1656076	-.001358	3.081148	-.053508	.0106692	114.6076	1.946535
#2	.1598805	.005832	3.085653	-.051500	.0128265	113.6467	1.929409
#3	.1483159	-.002580	3.094014	-.052891	.0123213	113.7419	1.933671

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218360	.0261740	208.7737	.3595203	.1387397	.5782461	331.7281
Stddev	.0002220	.0002472	.8146	.0008247	.0006233	.0032103	1.3890
%RSD	1.016641	.9443158	.3901735	.2293887	.4492855	.5551712	.4187197

#1	.0220785	.0260118	209.7116	.3600222	.1381498	.5819521	333.3134
#2	.0216429	.0260518	208.3653	.3599701	.1386776	.5764619	331.1459
#3	.0217865	.0264585	208.2440	.3585685	.1393918	.5763243	330.7249

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.01620	57.48424	.2037981	-.029121	2.465782	.3888986	12.72823
Stddev	.03677	.18437	.0003080	.000353	.115189	.0052753	.01630
%RSD	.2623522	.3207381	.1511168	1.212978	4.671487	1.356475	.1280435

#1	14.04691	57.66196	.2035007	-.029120	2.596372	.3946516	12.71849
#2	14.02625	57.29386	.2041156	-.028769	2.422355	.3877557	12.71915
#3	13.97545	57.49690	.2037778	-.029475	2.378619	.3842883	12.74704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.776698	.9102286	.3487321	.0139839	10.17500	22.12285	.0606484
Stddev	.116341	.0005736	.0013876	.0002098	.02678	.11770	.0021872
%RSD	1.189980	.0630188	.3978947	1.500349	.2632005	.5320280	3.606341

#1	9.893350	.9101507	.3474494	.0141123	10.14416	22.23423	.0630937
#2	9.776072	.9096979	.3502050	.0140976	10.18846	22.13462	.0599728
#3	9.660671	.9108372	.3485419	.0137418	10.19238	21.99971	.0588787

Sample Name: J2529-16 Acquired: 5/8/2018 20:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS83 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.952077	.1254469	.4191004
Stddev	.012499	.0008250	.0015287
%RSD	.6402910	.6576555	.3647510

#1	1.960132	.1249391	.4208626
#2	1.937678	.1250028	.4181308
#3	1.958420	.1263988	.4183078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.645	1912.111	50212.82	4690.329	2506.494
Stddev	2.159	1.285	82.06	32.519	2.663
%RSD	.1157275	.0672152	.1634155	.6933261	.1062477

#1	1867.134	1913.288	50194.39	4664.112	2508.224
#2	1863.169	1912.305	50302.52	4680.156	2507.830
#3	1866.632	1910.740	50141.54	4726.719	2503.427

Sample Name: J2529-17 Acquired: 5/8/2018 20:15:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS84 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748807	.0081588	.5754603	-.063083	.0084017	98.21421	.8086982
Stddev	.0062359	.0024748	.0004855	.004016	.0016749	.53321	.0025597
%RSD	8.327761	30.33285	.0843750	6.366955	19.93576	.5429048	.3165245

#1	.0676833	.0056170	.5760081	-.058494	.0072483	98.68065	.8091376
#2	.0786649	.0105607	.5750831	-.065960	.0076339	97.63294	.8059473
#3	.0782939	.0082987	.5752897	-.064795	.0103229	98.32903	.8110099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162270	.0017622	11.67257	.4267840	.1983239	.0678271	365.7036
Stddev	.0001796	.0000655	.07210	.0008259	.0002591	.0022320	3.2939
%RSD	1.106977	3.717560	.6176762	.1935205	.1306644	3.290717	.9007101

#1	.0162944	.0018378	11.73626	.4276379	.1980922	.0664451	368.8333
#2	.0160235	.0017237	11.59429	.4259892	.1982758	.0666342	362.2670
#3	.0163632	.0017250	11.68716	.4267250	.1986038	.0704021	366.0107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.95059	5.233224	.0971556	-.034173	1.664741	.5027167	.4819962
Stddev	.01733	.103610	.0008118	.000982	.149077	.0079176	.0008060
%RSD	.1086764	1.979859	.8355553	2.872410	8.954975	1.574957	.1672144

#1	15.95926	5.338496	.0966916	-.034684	1.756716	.5115611	.4815780
#2	15.96189	5.229816	.0966823	-.034794	1.492740	.5002995	.4829253
#3	15.93063	5.131359	.0980930	-.033042	1.744768	.4962895	.4814854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.717359	.2443661	.3404823	.0098839	.8264616	13.59223	.0089863
Stddev	.007319	.0003956	.0109298	.0001406	.0021204	.07589	.0025198
%RSD	.1968955	.1618877	3.210093	1.422108	.2565603	.5583229	28.04090

#1	3.710578	.2441896	.3529559	.0100455	.8246851	13.58819	.0087609
#2	3.725118	.2440895	.3359087	.0097904	.8258909	13.51845	.0065867
#3	3.716381	.2448192	.3325822	.0098157	.8288090	13.67006	.0116112

Sample Name: J2529-17 Acquired: 5/8/2018 20:15:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS84 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8416949	.0374163	.0671107
Stddev	.0012870	.0013695	.0002914
%RSD	.1529026	3.660128	.4342285

#1	.8422816	.0367264	.0671078
#2	.8402191	.0365289	.0668207
#3	.8425839	.0389935	.0674035

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.020	1899.018	49580.51	4444.613	2699.908
Stddev	5.249	2.718	24.48	30.008	4.906
%RSD	.2827974	.1431388	.0493737	.6751631	.1817044

#1	1850.015	1897.329	49554.64	4434.333	2695.994
#2	1858.310	1897.572	49603.31	4478.411	2705.411
#3	1859.734	1902.154	49583.58	4421.096	2698.319

Sample Name: J2529-18 Acquired: 5/8/2018 20:19:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS85 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1291737	.0109564	2.040949	-.072969	.0117689	103.3142	1.815437
Stddev	.0018568	.0015697	.010313	.001181	.0010873	.3058	.003209
%RSD	1.437422	14.32639	.5053132	1.617900	9.239110	.2960202	.1767459

#1	.1289847	.0091789	2.041170	-.074174	.0105148	103.2533	1.813443
#2	.1311178	.0121522	2.030527	-.071814	.0124487	103.0433	1.813730
#3	.1274187	.0115381	2.051150	-.072918	.0123432	103.6458	1.819138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191519	.0121076	47.10207	.4340442	.1918723	.4725690	425.4850
Stddev	.0001194	.0001743	.10048	.0007585	.0004829	.0031651	1.4781
%RSD	.6234418	1.439866	.2133246	.1747633	.2516545	.6697595	.3473840

#1	.0192602	.0121842	47.06304	.4334458	.1915699	.4692202	425.4216
#2	.0191716	.0119081	47.02697	.4337894	.1916178	.4729757	424.0397
#3	.0190238	.0122306	47.21621	.4348973	.1924291	.4755110	426.9938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.29351	14.83228	.1504983	-.039168	1.980283	.5196848	2.596695
Stddev	.05023	.07783	.0019187	.000219	.313085	.0115710	.012239
%RSD	.2253302	.5247578	1.274890	.5589714	15.81012	2.226539	.4713482

#1	22.33773	14.74243	.1493121	-.039362	1.931912	.5100412	2.599785
#2	22.30390	14.87554	.1494708	-.038931	1.694199	.5164979	2.607094
#3	22.23889	14.87889	.1527119	-.039213	2.314739	.5325152	2.583207

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.485711	.6220618	.3897338	.0105067	3.542707	18.18135	.0907788
Stddev	.019076	.0030642	.0023661	.0004137	.016364	.12893	.0007985
%RSD	.3477347	.4925942	.6071123	3.937133	.4619117	.7091106	.8795643

#1	5.488059	.6232396	.3875210	.0101866	3.549288	18.27216	.0902644
#2	5.465569	.6185835	.3894524	.0103597	3.524077	18.03378	.0916987
#3	5.503503	.6243624	.3922281	.0109737	3.554756	18.23811	.0903734

Sample Name: J2529-18 Acquired: 5/8/2018 20:19:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS85 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.369937	.0932939	.1794118
Stddev	.005851	.0014155	.0001516
%RSD	.4270954	1.517207	.0845070

#1	1.366628	.0926041	.1793286
#2	1.366490	.0923556	.1793200
#3	1.376692	.0949220	.1795868

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.956	2001.352	52302.23	4728.509	2634.175
Stddev	5.134	4.400	172.28	37.618	14.150
%RSD	.2628849	.2198526	.3293852	.7955545	.5371804

#1	1950.699	2004.283	52108.81	4696.846	2639.159
#2	1949.337	2003.479	52439.20	4770.093	2645.159
#3	1958.832	1996.292	52358.68	4718.588	2618.207

Sample Name: J2529-19 Acquired: 5/8/2018 20:23:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0884119	.0111649	2.440861	-.039830	.0070777	80.69275	2.652754
Stddev	.0030235	.0028185	.016536	.001039	.0005627	.29522	.012604
%RSD	3.419811	25.24439	.6774518	2.607434	7.950219	.3658608	.4751387

#1	.0849271	.0096819	2.422244	-.040138	.0068965	81.02365	2.664145
#2	.0899715	.0144152	2.446496	-.038672	.0077088	80.59825	2.654906
#3	.0903372	.0093974	2.453842	-.040680	.0066280	80.45635	2.639213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138573	.0230909	72.85926	.2477171	.1243260	.4808415	242.4120
Stddev	.0000896	.0001823	.19919	.0023984	.0010135	.0024258	1.2429
%RSD	.6466101	.7897093	.2733886	.9681855	.8152141	.5044801	.5127095

#1	.0139262	.0230934	72.91429	.2454488	.1231558	.4804399	243.6748
#2	.0137560	.0229073	73.02515	.2474753	.1248979	.4834430	241.1901
#3	.0138897	.0232720	72.63834	.2502272	.1249243	.4786417	242.3711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.80932	11.85740	.1772823	-.019898	1.375868	.2640429	6.018164
Stddev	.05503	.11978	.0014689	.000345	.145175	.0056207	.049810
%RSD	.3273637	1.010136	.8285486	1.731419	10.55152	2.128704	.8276622

#1	16.75445	11.99076	.1760306	-.019657	1.465755	.2703010	6.010816
#2	16.86450	11.82250	.1769170	-.020292	1.208385	.2594241	5.972435
#3	16.80901	11.75896	.1788994	-.019745	1.453465	.2624037	6.071239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.559470	1.794887	.2740503	.0105723	6.262639	12.89787	.0667811
Stddev	.071553	.018492	.0032995	.0004422	.070815	.08474	.0003260
%RSD	.9465327	1.030252	1.203971	4.182466	1.130753	.6569886	.4881224

#1	7.641259	1.774416	.2770829	.0101033	6.181294	12.98873	.0666771
#2	7.528714	1.799863	.2705368	.0106321	6.296102	12.82099	.0665198
#3	7.508437	1.810381	.2745313	.0109816	6.310521	12.88389	.0671463

Sample Name: J2529-19 Acquired: 5/8/2018 20:23:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS86 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.307332	.0909400	.4809253
Stddev	.005490	.0018064	.0016294
%RSD	.4199671	1.986339	.3388087

#1	1.311733	.0928044	.4818938
#2	1.309083	.0908176	.4818381
#3	1.301179	.0891979	.4790441

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.460	1874.211	49526.22	4516.684	2649.802
Stddev	8.871	7.069	217.21	44.186	11.628
%RSD	.4814547	.3771526	.4385764	.9782757	.4388125

#1	1838.119	1875.573	49315.70	4466.259	2662.103
#2	1852.665	1880.499	49749.55	4535.163	2648.313
#3	1836.596	1866.560	49513.42	4548.631	2638.991

Sample Name: J2529-20 Acquired: 5/8/2018 20:27:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS87 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1139911	.0169445	1.793802	-.043958	.0082115	93.33597	1.962973
Stddev	.0024228	.0003826	.014288	.004514	.0013143	.09040	.007911
%RSD	2.125428	2.258182	.7965247	10.26882	16.00592	.0968537	.4030349

#1	.1140499	.0167927	1.804098	-.048683	.0067617	93.23349	1.954398
#2	.1115394	.0173798	1.799818	-.043502	.0093249	93.37000	1.969988
#3	.1163839	.0166611	1.777489	-.039689	.0085481	93.40440	1.964534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140374	.0066998	32.55013	.2061685	.1496745	.2073392	264.3945
Stddev	.0001367	.0001798	.13708	.0007842	.0013128	.0032198	.4279
%RSD	.9739560	2.684053	.4211320	.3803699	.8771018	1.552897	.1618266

#1	.0139227	.0069031	32.42304	.2052692	.1508091	.2037304	264.8687
#2	.0140008	.0065615	32.53195	.2065261	.1499778	.2083695	264.0373
#3	.0141887	.0066348	32.69538	.2067101	.1482366	.2099177	264.2775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.09213	5.766339	.1174245	-.022957	1.289405	.3748861	2.346645
Stddev	.08934	.036638	.0007850	.000171	.168091	.0052276	.011384
%RSD	.4043765	.6353858	.6685463	.7442284	13.03630	1.394435	.4851186

#1	22.12832	5.808640	.1172559	-.022823	1.419642	.3756583	2.358892
#2	21.99038	5.745776	.1182801	-.022898	1.348919	.3693155	2.344656
#3	22.15769	5.744601	.1167374	-.023149	1.099654	.3796847	2.336386

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.333227	.9715035	.2655859	.0188338	1.979963	17.34941	.0615564
Stddev	.026810	.0094510	.0026552	.0004123	.022036	.14842	.0009641
%RSD	.5027054	.9728212	.9997506	2.188930	1.112959	.8554939	1.566257

#1	5.322633	.9778181	.2668860	.0192093	1.993470	17.32996	.0618844
#2	5.313332	.9760545	.2673405	.0188995	1.991886	17.21166	.0623137
#3	5.363716	.9606381	.2625312	.0183927	1.954535	17.50659	.0604710

Sample Name: J2529-20 Acquired: 5/8/2018 20:27:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS87 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.260645	.1009629	.3687250
Stddev	.006081	.0009283	.0008184
%RSD	.4823480	.9194175	.2219433

#1	1.255138	.1000020	.3681671
#2	1.259627	.1010320	.3683434
#3	1.267171	.1018547	.3696644

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.838	1942.414	50972.45	4574.820	2686.864
Stddev	14.293	13.531	102.19	23.475	19.343
%RSD	.7531250	.6965858	.2004802	.5131405	.7198970

#1	1886.838	1930.296	50940.96	4566.522	2670.877
#2	1892.683	1939.932	50889.72	4601.318	2681.351
#3	1913.994	1957.013	51086.68	4556.621	2708.365

Sample Name: J2529-21 Acquired: 5/8/2018 20:31:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS88 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1378643	.0063421	3.661311	-.049897	.0178623	101.7697	5.484253
Stddev	.0008666	.0026652	.010493	.010403	.0025394	.4209	.023135
%RSD	.6285774	42.02383	.2866039	20.84963	14.21673	.4135536	.4218416

#1	.1368637	.0087024	3.652092	-.054668	.0205719	101.3226	5.495857
#2	.1383679	.0034517	3.659112	-.037964	.0155368	101.8283	5.457613
#3	.1383614	.0068722	3.672730	-.057059	.0174781	102.1582	5.499290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192025	.0255572	73.59757	.3119977	.1510849	.8021132	312.3330
Stddev	.0000589	.0001268	.26006	.0020176	.0001439	.0049356	3.2061
%RSD	.3064515	.4961361	.3533523	.6466791	.0952114	.6153206	1.026497

#1	.0191964	.0255689	73.76036	.3136260	.1510205	.7986646	308.6330
#2	.0191469	.0256778	73.29765	.3126266	.1509845	.7999080	314.2899
#3	.0192642	.0254250	73.73471	.3097405	.1512497	.8077669	314.0762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.17691	12.61107	.1994643	-.024044	2.420623	.3200391	9.907068
Stddev	.03708	.14658	.0011613	.000519	.058544	.0003960	.043847
%RSD	.2615300	1.162349	.5822235	2.157804	2.418548	.1237420	.4425877

#1	14.21923	12.44704	.1981376	-.024084	2.380173	.3201294	9.899582
#2	14.16135	12.65695	.2002969	-.023506	2.487754	.3196058	9.867445
#3	14.15015	12.72923	.1999583	-.024541	2.393941	.3203822	9.954176

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.064232	1.974538	.4058045	.0187721	6.044668	15.89537	.0700589
Stddev	.065343	.005702	.0086020	.0000577	.013309	.04645	.0016887
%RSD	.9249784	.2887764	2.119728	.3075312	.2201753	.2922374	2.410476

#1	7.006556	1.969106	.3973850	.0187078	6.029301	15.87638	.0720011
#2	7.050941	1.974033	.4054505	.0187888	6.052232	15.86143	.0692392
#3	7.135198	1.980476	.4145779	.0188196	6.052471	15.94831	.0689364

Sample Name: J2529-21 Acquired: 5/8/2018 20:31:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS88 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.026315	.1045517	.9136081
Stddev	.017018	.0014320	.0009202
%RSD	.8398685	1.369623	.1007237

#1	2.006686	.1046352	.9146300
#2	2.036925	.1030798	.9128451
#3	2.035335	.1059401	.9133491

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.116	1916.862	50827.03	4575.553	2618.088
Stddev	12.030	4.618	124.68	11.581	3.928
%RSD	.6354483	.2409335	.2453020	.2531066	.1500326

#1	1902.367	1915.102	50774.72	4586.181	2615.635
#2	1897.465	1922.102	50969.34	4577.267	2622.619
#3	1879.517	1913.383	50737.02	4563.210	2616.010

Sample Name: CCV054 Acquired: 5/8/2018 20:35:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.922628	4.977089	24.90857	4.866619	4.909762	410.0772	10.09681
Stddev	.022064	.028327	.07830	.008584	.007661	1.8282	.03438
%RSD	.4482206	.5691430	.3143330	.1763872	.1560446	.4458218	.3404696

#1	4.939077	4.951112	24.87562	4.876251	4.906184	408.1855	10.06128
#2	4.931253	4.972863	24.85214	4.863830	4.904544	410.2116	10.09926
#3	4.897554	5.007291	24.99795	4.859776	4.918558	411.8345	10.12990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5088174	2.526668	407.8087	15.06591	2.526748	15.17777	422.8968
Stddev	.0046674	.008451	1.0673	.09731	.009490	.04676	2.3606
%RSD	.9172956	.3344897	.2617155	.6458633	.3755954	.3080574	.5581993

#1	.5034882	2.522138	407.4711	14.95402	2.525375	15.15633	420.4813
#2	.5107866	2.521447	406.9509	15.13072	2.518019	15.14558	423.0107
#3	.5121775	2.536419	409.0039	15.11299	2.536850	15.23140	425.1984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.07602	412.8391	2.503887	1.247435	411.0745	2.517288	14.95767
Stddev	.08341	2.5821	.006736	.006442	1.6887	.021224	.11191
%RSD	.5532801	.6254593	.2690305	.5164472	.4107913	.8431180	.7481864

#1	15.09220	409.9578	2.500940	1.242615	409.2282	2.493282	14.97399
#2	14.98570	413.6154	2.499126	1.244939	411.4544	2.525023	14.83849
#3	15.15015	414.9440	2.511595	1.254752	412.5408	2.533559	15.06052

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.9590	5.207212	5.227414	4.884477	5.184360	4.978251	5.039206
Stddev	.5540	.017070	.039243	.010251	.006083	.038376	.011507
%RSD	.3507390	.3278156	.7507183	.2098663	.1173396	.7708697	.2283437

#1	157.3327	5.197739	5.183395	4.879174	5.181652	4.934225	5.034262
#2	158.1595	5.196979	5.240110	4.877963	5.191327	4.995901	5.030998
#3	158.3850	5.226918	5.258738	4.896293	5.180101	5.004626	5.052359

Sample Name: CCV054 Acquired: 5/8/2018 20:35:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.057312	5.071243	5.095346
Stddev	.014459	.013627	.015056
%RSD	.2858958	.2687074	.2954807

#1	5.040714	5.056439	5.092199
#2	5.064049	5.083263	5.082112
#3	5.067172	5.074027	5.111726

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.745	1364.313	37510.33	3604.771	2144.499
Stddev	3.982	3.086	233.04	22.160	6.545
%RSD	.2926336	.2262087	.6212688	.6147272	.3051917

#1	1358.613	1364.657	37719.32	3629.959	2144.589
#2	1365.339	1367.212	37259.04	3596.075	2150.998
#3	1358.282	1361.069	37552.62	3588.278	2137.909

Sample Name: CCB054 Acquired: 5/8/2018 20:39:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000144	-.001076	.0019272	-.000822	-.000221	.0072219	.0023027
Stddev	.002368	.002497	.0009852	.001484	.001232	.0049163	.0006288
%RSD	1648.815	231.9408	51.12115	180.4874	558.7880	68.07413	27.30793

#1	-.001970	.001198	.0030266	-.002508	.001202	.0083221	.0029195
#2	.002532	-.000680	.0016308	-.000248	-.000907	.0018488	.0016626
#3	-.000992	-.003747	.0011243	.000289	-.000957	.0114949	.0023259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000112	-.000015	.0199822	.0001978	.0002641	-.003317	.0181545
Stddev	.0000532	.000103	.0099483	.0002783	.0000655	.002745	.0221150
%RSD	473.5300	696.9836	49.78581	140.7412	24.78728	82.74106	121.8154

#1	.0000271	.000006	.0274926	.0005027	.0003378	-.006460	.0288517
#2	.0000547	-.000126	.0086994	.0001332	.0002418	-.002106	-.007275
#3	-.000048	.000077	.0237546	-.000043	.0002127	-.001387	.032887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000367	-.021358	.0004046	.0001155	-.029880	-.000216	.0000647
Stddev	.001418	.017036	.0002254	.0002294	.053200	.004130	.0001479
%RSD	386.1697	79.76400	55.69744	198.6648	178.0442	1909.136	228.5791

#1	.000271	-.012984	.0006586	.0003647	-.090989	.003326	-.000006
#2	.000619	-.040960	.0002284	-.000087	-.004751	-.004753	.000235
#3	-.001992	-.010130	.0003269	.000069	.006101	.000777	-.000035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1035679	-.000480	.0080845	-.000120	-.011269	-.000643	.0002511
Stddev	.0497223	.000280	.0011347	.000235	.001926	.001354	.0010263
%RSD	48.00933	58.22908	14.03493	195.4658	17.09108	210.5582	408.7336

#1	.0825871	-.000590	.0093691	-.000248	-.010029	-.001419	.0010597
#2	.1603418	-.000162	.0076654	.000151	-.010291	.000921	-.000903
#3	.0677748	-.000688	.0072190	-.000263	-.013488	-.001432	.000597

Sample Name: CCB054 Acquired: 5/8/2018 20:39:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008190	.0023427	.0001782
Stddev	.0015305	.0007866	.0000387
%RSD	186.8602	33.57813	21.71391

#1	-.000473	.0014711	.0001336
#2	.002509	.0030000	.0001985
#3	.000422	.0025570	.0002025

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.510	1637.064	43185.56	3783.975	2812.832
Stddev	8.315	1.203	257.66	25.251	1.671
%RSD	.5133990	.0735079	.5966298	.6673122	.0594014

#1	1620.527	1635.809	43074.95	3804.350	2812.915
#2	1627.269	1637.174	43480.05	3755.725	2814.459
#3	1610.734	1638.208	43001.67	3791.850	2811.121

Sample Name: J2529-22 Acquired: 5/8/2018 20:43:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1641381	.0068806	2.680070	-.045674	.0140418	99.63835	1.615270
Stddev	.0013422	.0011837	.009174	.003021	.0010884	.21754	.004272
%RSD	.8177018	17.20289	.3422885	6.613167	7.750804	.2183283	.2644866

#1	.1640913	.0076559	2.680236	-.042738	.0132803	99.87783	1.615668
#2	.1655031	.0055182	2.670815	-.045513	.0135569	99.45295	1.619329
#3	.1628200	.0074679	2.689160	-.048772	.0152884	99.58427	1.610813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170725	.0198321	73.67396	.2638573	.1325544	.6097332	332.3062
Stddev	.0001498	.0001834	.34843	.0012487	.0007690	.0023649	3.0614
%RSD	.8772186	.9247632	.4729383	.4732327	.5801437	.3878648	.9212627

#1	.0172454	.0198729	73.49075	.2625897	.1316900	.6079618	335.7547
#2	.0169887	.0196317	74.07578	.2650862	.1331624	.6124188	329.9090
#3	.0169834	.0199916	73.45536	.2638960	.1328110	.6088189	331.2548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.00318	15.87034	.1745698	-.025753	1.816902	.3238477	6.362873
Stddev	.05370	.22618	.0016734	.000594	.145602	.0044800	.003135
%RSD	.4473736	1.425151	.9586003	2.306752	8.013768	1.383354	.0492757

#1	11.96511	16.13115	.1738497	-.025414	1.898041	.3247381	6.365495
#2	12.06460	15.72808	.1733770	-.025406	1.648809	.3278156	6.359400
#3	11.97982	15.75179	.1764827	-.026439	1.903857	.3189894	6.363724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.49695	1.172988	.3479495	.0121228	7.535457	6.755014	.0696703
Stddev	.01217	.004291	.0065078	.0003170	.039185	.042081	.0024424
%RSD	.1058229	.3657906	1.870334	2.615012	.5200021	.6229548	3.505719

#1	11.50904	1.168717	.3515358	.0124888	7.537852	6.802945	.0668797
#2	11.48471	1.172950	.3404375	.0119458	7.495129	6.737955	.0714189
#3	11.49709	1.177298	.3518753	.0119339	7.573388	6.724141	.0707123

Sample Name: J2529-22 Acquired: 5/8/2018 20:43:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS89 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.204677	.1308707	.3009774
Stddev	.009003	.0009787	.0008488
%RSD	.7473258	.7478114	.2820300

#1	1.213047	.1299559	.3000233
#2	1.195152	.1319027	.3016488
#3	1.205831	.1307534	.3012602

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.049	1895.887	50304.75	4566.746	2617.830
Stddev	3.967	5.653	206.54	32.238	8.749
%RSD	.2122672	.2981465	.4105817	.7059217	.3342092

#1	1864.882	1902.414	50254.31	4531.974	2621.240
#2	1869.485	1892.657	50128.09	4572.623	2624.361
#3	1872.781	1892.590	50531.84	4595.641	2607.890

Sample Name: J2529-23 Acquired: 5/8/2018 20:47:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1065590	.0768188	.6048278	-.074055	.0106533	103.2874
Stddev	.0021982	.0038837	.0036178	.003353	.0006872	.6111
%RSD	2.062913	5.055699	.5981527	4.527367	6.450215	.5916251

#1	.1090967	.0812657	.6012616	-.077005	.0110129	102.9128
#2	.1053348	.0750973	.6047269	-.070409	.0110861	102.9568
#3	.1052453	.0740934	.6084950	-.074753	.0098610	103.9925

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.845995	.0226267	.0046183	14.49563	.3280819	.4605813
Stddev	.011409	.0005300	.0001095	.16429	.0050857	.0017193
%RSD	.2966375	2.342215	2.370779	1.133348	1.550119	.3732873

#1	3.837693	.0224570	.0046097	14.37351	.3222269	.4596529
#2	3.841289	.0222024	.0045134	14.43098	.3314006	.4595258
#3	3.859005	.0232208	.0047319	14.68241	.3306183	.4625652

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523996	460.0112	F 75.14966	4.861869	.1184565	-.040903
Stddev	.0025628	3.8457	.42296	.048400	.0004851	.000090
%RSD	4.890906	.8360022	.5628267	.9955010	.4094822	.2207402

#1	.0546543	456.9028	74.75675	4.808422	.1188479	-.040875
#2	.0529323	458.8191	75.09490	4.902737	.1186076	-.040830
#3	.0496124	464.3118	75.59734	4.874449	.1179138	-.041004

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.637397	.6093729	.2037116	4.136108	.4116598	.4144132
Stddev	.072542	.0060171	.0037735	.080607	.0021559	.0062655
%RSD	4.430309	.9874197	1.852381	1.948867	.5237090	1.511892

#1	1.616680	.6077544	.1994009	4.090728	.4128746	.4155434
#2	1.577467	.6043306	.2064171	4.088419	.4091706	.4200367
#3	1.718043	.6160337	.2053168	4.229175	.4129341	.4076596

Sample Name: J2529-23 Acquired: 5/8/2018 20:47:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS90 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121654	1.008965	6.368814	.0051639	.4770218	.0556384
Stddev	.0004536	.006154	.130035	.0021009	.0017327	.0003976
%RSD	3.728613	.6098839	2.041740	40.68544	.3632282	.7145381

#1	.0123368	1.010429	6.358132	.0074566	.4776738	.0560672
#2	.0125082	1.002212	6.244451	.0033308	.4750577	.0555661
#3	.0116510	1.014255	6.503861	.0047042	.4783339	.0552821

Elem	Sr4077
Units	ppm
Avg	.1416543
Stddev	.0009947
%RSD	.7022078

#1	.1407960
#2	.1414224
#3	.1427445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.345	2068.572	54693.14	4893.982	2632.423
Stddev	31.663	3.177	730.11	57.769	6.258
%RSD	1.552623	.1535714	1.334928	1.180405	.2377234

#1	2072.156	2066.740	55522.28	4898.001	2632.094
#2	2008.969	2072.241	54146.43	4949.636	2638.839
#3	2036.911	2066.737	54410.71	4834.308	2626.336

Sample Name: J2770-01 Acquired: 5/8/2018 20:51:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0959830	.0014143	8.606653	-.054850	.0572913	95.72332	5.183087
Stddev	.0024438	.0023430	.061932	.001272	.0007657	.31482	.006519
%RSD	2.546056	165.6649	.7195785	2.319203	1.336460	.3288821	.1257680

#1	.0940759	.0028689	8.584494	-.054205	.0573350	96.02813	5.185940
#2	.0951353	-.001289	8.558849	-.054030	.0580342	95.39937	5.175628
#3	.0987377	.002663	8.676616	-.056315	.0565047	95.74246	5.187692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133081	.0622407	341.5136	.5553730	.1082110	10.69513	352.5494
Stddev	.0001394	.0006015	.5722	.0037958	.0008501	.02368	2.7579
%RSD	1.047200	.9663833	.1675415	.6834643	.7856122	.2214363	.7822775

#1	.0131598	.0616356	341.8347	.5556480	.1076539	10.71277	355.6680
#2	.0133283	.0622480	340.8529	.5590239	.1077897	10.66821	350.4318
#3	.0134363	.0628385	341.8531	.5514473	.1091895	10.70441	351.5484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.617216	48.42015	.2669994	-.018245	4.436699	.3462105	17.93944
Stddev	.012808	.27199	.0018343	.000354	.114830	.0016584	.05968
%RSD	.1331800	.5617292	.6870120	1.941905	2.588190	.4790074	.3326693

#1	9.632004	48.72807	.2671479	-.017911	4.499543	.3470769	17.93098
#2	9.609622	48.21265	.2650954	-.018208	4.506391	.3442984	18.00289
#3	9.610022	48.31974	.2687551	-.018617	4.304164	.3472562	17.88444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.340432	2.267422	.3962688	.0180209	10.33687	4.476535	.3219062
Stddev	.030408	.017475	.0055287	.0003361	.10333	.007942	.0007882
%RSD	.3255519	.7706777	1.395193	1.864798	.9996365	.1774216	.2448474

#1	9.309448	2.266096	.4026091	.0181100	10.35642	4.467491	.3210152
#2	9.370230	2.250647	.3937451	.0176492	10.22517	4.479740	.3225124
#3	9.341617	2.285521	.3924523	.0183033	10.42904	4.482374	.3221910

Sample Name: J2770-01 Acquired: 5/8/2018 20:51:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.781903	.0978579	.7796005
Stddev	.001804	.0010863	.0013647
%RSD	.1012558	1.110046	.1750523

#1	1.783479	.0990452	.7811749
#2	1.782295	.0976148	.7788731
#3	1.779935	.0969138	.7787537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.462	1718.270	45584.93	4233.981	2477.293
Stddev	7.140	7.911	58.51	18.549	13.456
%RSD	.4223895	.4603984	.1283541	.4381039	.5431758

#1	1693.775	1723.221	45595.29	4217.058	2485.106
#2	1682.267	1722.442	45521.93	4253.813	2485.019
#3	1695.344	1709.146	45637.57	4231.073	2461.756

Sample Name: J2770-02 Acquired: 5/8/2018 20:55:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989219	.0084417	1.075587	-.046093	.0080656	92.26259	1.795218
Stddev	.0048585	.0033272	.001577	.004004	.0013738	.63192	.009452
%RSD	4.911454	39.41343	.1466497	8.687574	17.03252	.6849198	.5265002

#1	.1021428	.0122056	1.073766	-.041482	.0074391	92.21516	1.797717
#2	.1012894	.0058926	1.076463	-.048695	.0096409	92.91689	1.803169
#3	.0933334	.0072270	1.076531	-.048102	.0071168	91.65571	1.784767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140412	.0059560	43.71152	.2429242	.1203862	.1636132	265.1410
Stddev	.0001681	.0002142	.32219	.0004695	.0008213	.0031071	2.3224
%RSD	1.196973	3.595734	.7370802	.1932824	.6822004	1.899045	.8759059

#1	.0138529	.0057253	43.83746	.2431335	.1200515	.1648830	264.6571
#2	.0140948	.0059940	43.95173	.2423864	.1197851	.1658843	267.6672
#3	.0141760	.0061486	43.34539	.2432527	.1213219	.1600723	263.0986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.53624	9.262635	.0731176	-.024407	1.350142	.4738135	1.507425
Stddev	.07656	.101463	.0004363	.000485	.088300	.0036807	.008276
%RSD	.6107181	1.095396	.5966848	1.987515	6.540079	.7768324	.5489844

#1	12.57122	9.348138	.0727368	-.023849	1.436916	.4776074	1.504520
#2	12.58906	9.289249	.0730224	-.024719	1.353119	.4735756	1.516761
#3	12.44844	9.150518	.0735937	-.024654	1.260390	.4702575	1.500993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.332739	.5132435	.2444126	.0071265	1.541247	5.730369	.0417662
Stddev	.015726	.0036970	.0077656	.0003994	.009280	.018100	.0015332
%RSD	.3629507	.7203219	3.177242	5.604093	.6020806	.3158539	3.670962

#1	4.335310	.5121222	.2395812	.0066698	1.545245	5.710200	.0401003
#2	4.315886	.5102370	.2533703	.0074100	1.530639	5.745196	.0431180
#3	4.347021	.5173714	.2402864	.0072997	1.547858	5.735712	.0420804

Sample Name: J2770-02 Acquired: 5/8/2018 20:55:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5617796	.0686017	.1967979
Stddev	.0170647	.0008120	.0011229
%RSD	3.037615	1.183633	.5705826

#1	.5801757	.0680838	.1976886
#2	.5464667	.0695375	.1971685
#3	.5586963	.0681837	.1955365

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.488	1922.131	50285.78	4541.364	2683.833
Stddev	9.806	6.346	84.17	12.159	7.494
%RSD	.5175842	.3301781	.1673907	.2677383	.2792328

#1	1890.834	1923.305	50202.90	4536.199	2685.573
#2	1887.034	1927.809	50283.26	4532.640	2690.304
#3	1905.596	1915.280	50371.19	4555.253	2675.622

Sample Name: J2770-03 Acquired: 5/8/2018 20:59:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1786781	.0048005	8.334755	-.047068	.0073197	126.3258	4.903500
Stddev	.0042595	.0055801	.026093	.004206	.0016780	.2413	.007585
%RSD	2.383872	116.2406	.3130618	8.936374	22.92516	.1909816	.1546907

#1	.1793143	.0097985	8.354224	-.050809	.0066085	126.0495	4.895334
#2	.1825837	.0058233	8.344933	-.042515	.0061143	126.4948	4.904840
#3	.1741363	-.001220	8.305107	-.047880	.0092362	126.4331	4.910326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170914	.0387725	191.5490	.3788485	.1285372	2.771438	304.0514
Stddev	.0000488	.0003694	.4829	.0013142	.0006561	.010980	1.0358
%RSD	.2854638	.9527159	.2520975	.3469051	.5104070	.3961985	.3406691

#1	.0170356	.0391217	191.2671	.3800750	.1288235	2.763060	303.2012
#2	.0171262	.0388100	191.2733	.3774613	.1290014	2.767387	305.2050
#3	.0171122	.0383858	192.1066	.3790091	.1277866	2.783869	303.7480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88570	37.45493	.1950379	-.020794	3.097045	.4268700	10.10566
Stddev	.03672	.20219	.0011279	.000040	.090989	.0052950	.05003
%RSD	.3373184	.5398314	.5783189	.1919148	2.937914	1.240431	.4950244

#1	10.89567	37.29054	.1959686	-.020771	3.105544	.4212588	10.09960
#2	10.84503	37.68070	.1953615	-.020841	3.002105	.4317786	10.15844
#3	10.91641	37.39355	.1937835	-.020772	3.183486	.4275726	10.05894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.47601	2.042253	.3271889	.0126061	8.315012	6.359589	1.487209
Stddev	.04118	.007589	.0029017	.0002457	.038610	.015775	.005957
%RSD	.3587941	.3715981	.8868716	1.948802	.4643463	.2480449	.4005560

#1	11.52148	2.046866	.3238571	.0124173	8.324174	6.345260	1.492007
#2	11.46529	2.046399	.3291621	.0125171	8.348218	6.357014	1.489077
#3	11.44125	2.033494	.3285476	.0128838	8.272645	6.376492	1.480541

Sample Name: J2770-03 Acquired: 5/8/2018 20:59:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.798423	.1490672	.7610360
Stddev	.015134	.0017164	.0010520
%RSD	.5408170	1.151441	.1382270

#1	2.784612	.1486271	.7600408
#2	2.814602	.1509608	.7609305
#3	2.796054	.1476136	.7621368

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.418	1885.965	49416.17	4505.799	2540.425
Stddev	9.094	8.113	161.13	7.999	10.778
%RSD	.4949480	.4301673	.3260671	.1775215	.4242581

#1	1842.853	1878.315	49325.86	4502.443	2530.540
#2	1826.919	1885.106	49320.45	4514.929	2538.818
#3	1842.483	1894.473	49602.20	4500.025	2551.916

Sample Name: J2770-04 Acquired: 5/8/2018 21:03:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1142333	-.002525	2.479555	-.044325	.0088474	79.83687	1.797096
Stddev	.0041267	.001995	.002090	.002571	.0009177	.31044	.003027
%RSD	3.612559	78.98664	.0842734	5.800292	10.37259	.3888375	.1684129

#1	.1100408	-.003142	2.479381	-.044027	.0081599	79.72059	1.794498
#2	.1143681	-.004139	2.477558	-.041916	.0098896	80.18866	1.800420
#3	.1182909	-.000295	2.481727	-.047032	.0084928	79.60137	1.796371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111126	.0138200	719.0856	.2686365	.0866183	.5500612	216.5172
Stddev	.0002335	.0001756	1.1591	.0017747	.0006297	.0065076	1.0875
%RSD	2.101260	1.270428	.1611848	.6606168	.7269372	1.183060	.5022841

#1	.0112918	.0136177	720.1542	.2666190	.0872021	.5425552	215.7751
#2	.0111975	.0139335	719.2492	.2699560	.0859511	.5541183	217.7656
#3	.0108485	.0139087	717.8535	.2693347	.0867018	.5535103	216.0109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.574651	358.1135	.1056785	-.019311	1.867209	.2975665	4.675336
Stddev	.012811	2.2838	.0003335	.000764	.143176	.0053173	.011772
%RSD	.1494030	.6377169	.3155396	3.958253	7.667915	1.786934	.2517945

#1	8.579624	356.4538	.1053139	-.019459	2.032514	.2914823	4.671744
#2	8.584231	360.7181	.1057537	-.019991	1.786808	.2998940	4.688485
#3	8.560100	357.1688	.1059680	-.018484	1.782306	.3013233	4.665777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.812605	1.089083	.2260296	.0091266	6.811409	4.971294	.0559512
Stddev	.055936	.004105	.0060709	.0003076	.020078	.028874	.0011116
%RSD	.8210734	.3768816	2.685875	3.370848	.2947711	.5808153	1.986803

#1	6.873119	1.091089	.2194266	.0094653	6.830265	4.947546	.0569363
#2	6.801905	1.084361	.2313696	.0088645	6.790299	4.962901	.0547459
#3	6.762792	1.091798	.2272927	.0090499	6.813663	5.003435	.0561713

Sample Name: J2770-04 Acquired: 5/8/2018 21:03:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6316909	.0939990	.4330061
Stddev	.0020783	.0007017	.0008591
%RSD	.3290104	.7464757	.1984117

#1	.6304468	.0934756	.4325853
#2	.6340902	.0947963	.4339945
#3	.6305356	.0937251	.4324385

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.930	1632.150	43443.65	4139.498	2254.232
Stddev	.845	3.075	74.49	21.003	4.597
%RSD	.0529051	.1884178	.1714603	.5073768	.2039080

#1	1598.906	1635.139	43527.19	4119.245	2256.888
#2	1597.455	1632.316	43384.17	4138.073	2256.884
#3	1597.430	1628.995	43419.58	4161.178	2248.924

Sample Name: J2770-05 Acquired: 5/8/2018 21:07:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5651702	.0010633	3.041239	-.092031	.0202549	80.15405	2.931343
Stddev	.0081630	.0024323	.006481	.002841	.0017403	.38255	.009241
%RSD	1.444353	228.7544	.2131067	3.087024	8.592128	.4772638	.3152458

#1	.5565887	-.001291	3.043044	-.089866	.0200793	80.38350	2.939429
#2	.5728379	.003567	3.034047	-.090978	.0220764	79.71244	2.921271
#3	.5660839	.000914	3.046627	-.095248	.0186090	80.36622	2.933329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189779	.0128333	95.27922	.3025812	.1253901	.6772550	550.6293
Stddev	.0000798	.0001227	.26212	.0014078	.0003436	.0028968	4.7673
%RSD	.4202731	.9560297	.2751115	.4652680	.2739912	.4277284	.8657848

#1	.0190679	.0129743	95.58144	.3022719	.1257739	.6740238	552.7815
#2	.0189159	.0127503	95.11379	.3013538	.1252853	.6796195	545.1654
#3	.0189499	.0127755	95.14242	.3041180	.1251112	.6781217	553.9410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.598832	18.38116	.1667535	-.047531	3.103906	.5455577	3.309395
Stddev	.040919	.15366	.0007885	.000171	.174528	.0017534	.011321
%RSD	.4262906	.8359615	.4728437	.3606456	5.622840	.3214023	.3421017

#1	9.629812	18.47349	.1673902	-.047602	3.107316	.5463843	3.297308
#2	9.552446	18.20378	.1658715	-.047655	3.276703	.5435438	3.311122
#3	9.614237	18.46622	.1669989	-.047335	2.927698	.5467451	3.319753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.65926	.9242021	.5470745	.0360411	24.45396	6.027267	.1570635
Stddev	.04805	.0012013	.0107519	.0002595	.03980	.014816	.0028403
%RSD	.4121389	.1299869	1.965340	.7199471	.1627444	.2458220	1.808389

#1	11.68451	.9245355	.5514857	.0357415	24.48624	6.010390	.1537866
#2	11.60385	.9228693	.5348185	.0361898	24.40950	6.038134	.1588207
#3	11.68943	.9252016	.5549191	.0361920	24.46615	6.033276	.1585831

Sample Name: J2770-05 Acquired: 5/8/2018 21:07:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASG6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.857641	.1216045	.6788725
Stddev	.018181	.0021531	.0031105
%RSD	.9787095	1.770587	.4581816

#1	1.867862	.1240864	.6811023
#2	1.836650	.1204912	.6753192
#3	1.868412	.1202360	.6801960

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.865	1854.430	49078.06	4538.358	2585.853
Stddev	3.934	1.902	181.92	12.297	4.028
%RSD	.2174841	.1025722	.3706755	.2709579	.1557843

#1	1812.201	1852.301	48920.75	4527.955	2581.264
#2	1804.527	1855.028	49036.13	4535.190	2588.808
#3	1809.867	1855.962	49277.28	4551.929	2587.485

Sample Name: J2770-06 Acquired: 5/8/2018 21:11:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2166138	.0072204	4.287904	-.051027	.0138583	95.07246	3.891916
Stddev	.0068565	.0035542	.017468	.004487	.0035378	.06051	.008460
%RSD	3.165296	49.22488	.4073875	8.793105	25.52814	.0636457	.2173607

#1	.2233122	.0041650	4.280192	-.056116	.0116022	95.14161	3.896102
#2	.2096095	.0111210	4.275620	-.049326	.0120370	95.04658	3.897467
#3	.2169199	.0063752	4.307902	-.047640	.0179356	95.02920	3.882180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163900	.0220117	180.4446	.4199388	.1040860	1.029447	324.1165
Stddev	.0000446	.0003943	.0959	.0008444	.0005910	.002787	1.4328
%RSD	.2723798	1.791285	.0531727	.2010709	.5677673	.2707409	.4420569

#1	.0163389	.0219529	180.5435	.4200061	.1037208	1.026425	324.1348
#2	.0164215	.0216501	180.3520	.4207476	.1037693	1.031916	322.6747
#3	.0164097	.0224321	180.4382	.4190629	.1047678	1.030000	325.5401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.23897	58.64287	.2228575	-.026932	2.155847	.3851986	5.286549
Stddev	.02270	.26943	.0011469	.000366	.133697	.0031315	.028301
%RSD	.2020072	.4594486	.5146134	1.359688	6.201598	.8129694	.5353433

#1	11.26454	58.43153	.2226929	-.027344	2.065220	.3854300	5.303678
#2	11.23120	58.55082	.2218019	-.026809	2.309396	.3819577	5.253882
#3	11.22116	58.94627	.2240778	-.026644	2.092926	.3882080	5.302086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.139005	.9573916	.3305084	.0138112	10.04141	5.004887	.1187798
Stddev	.063136	.0029271	.0059591	.0006790	.02029	.028849	.0008881
%RSD	.7757160	.3057383	1.803020	4.916075	.2020236	.5764196	.7476827

#1	8.206924	.9585672	.3320105	.0134305	10.06300	5.031663	.1188197
#2	8.127989	.9540595	.3239420	.0134080	10.02275	5.008662	.1196472
#3	8.082103	.9595482	.3355728	.0145951	10.03847	4.974337	.1178724

Sample Name: J2770-06 Acquired: 5/8/2018 21:11:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9008585	.1192817	.5837581
Stddev	.0063696	.0018259	.0015092
%RSD	.7070624	1.530702	.2585334

#1	.8970346	.1213761	.5854782
#2	.8973294	.1180254	.5831400
#3	.9082116	.1184435	.5826561

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.225	1829.527	48451.90	4441.622	2547.782
Stddev	13.708	5.019	82.06	22.177	8.823
%RSD	.7631285	.2743572	.1693660	.4993107	.3462923

#1	1787.525	1825.939	48500.82	4426.925	2546.372
#2	1812.026	1835.263	48497.71	4467.132	2557.224
#3	1789.125	1827.379	48357.16	4430.808	2539.748

Sample Name: J2770-07 Acquired: 5/8/2018 21:15:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2220770	.0071711	4.353497	-.054164	.0153715	95.76154	3.996592
Stddev	.0011914	.0003622	.005314	.006024	.0025782	.67711	.012464
%RSD	.5364582	5.050682	.1220662	11.12119	16.77226	.7070802	.3118737

#1	.2224125	.0068968	4.347367	-.059401	.0142735	96.47108	4.010321
#2	.2207539	.0075817	4.356327	-.055509	.0183169	95.69121	3.985987
#3	.2230647	.0070350	4.356796	-.047581	.0135242	95.12235	3.993468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166453	.0223326	186.5113	.4240756	.1040901	1.018648	325.5151
Stddev	.0001841	.0003219	.3184	.0020216	.0008884	.004322	3.5400
%RSD	1.106119	1.441227	.1706972	.4767168	.8535080	.4242886	1.087495

#1	.0168578	.0219705	186.8729	.4246161	.1031062	1.020858	328.8315
#2	.0165436	.0225862	186.3880	.4218387	.1043308	1.021419	325.9264
#3	.0165345	.0224412	186.2730	.4257721	.1048334	1.013668	321.7875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.33080	61.20992	.2271066	-.026533	2.256334	.3882101	5.280144
Stddev	.04933	.68617	.0003932	.000559	.091228	.0011641	.011349
%RSD	.4353754	1.121008	.1731446	2.108346	4.043196	.2998658	.2149449

#1	11.30774	61.73522	.2271326	-.026851	2.169871	.3894233	5.282474
#2	11.38744	61.46095	.2274861	-.025887	2.351677	.3871022	5.290148
#3	11.29723	60.43358	.2267010	-.026860	2.247452	.3881047	5.267810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.162444	.9643515	.3287000	.0140928	10.12513	5.142504	.1201691
Stddev	.037849	.0006103	.0119038	.0001652	.03864	.006947	.0016253
%RSD	.4636976	.0632873	3.621487	1.171883	.3816534	.1350990	1.352480

#1	8.206129	.9638221	.3382672	.0142823	10.13924	5.150521	.1192424
#2	8.141747	.9642133	.3324634	.0140159	10.15473	5.138246	.1220457
#3	8.139458	.9650190	.3153693	.0139801	10.08141	5.138744	.1192191

Sample Name: J2770-07 Acquired: 5/8/2018 21:15:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASG7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9084912	.1204398	.5921919
Stddev	.0048440	.0004610	.0009229
%RSD	.5331975	.3827856	.1558480

#1	.9126608	.1200974	.5929962
#2	.9096353	.1202579	.5923952
#3	.9031776	.1209640	.5911843

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.518	1837.925	48595.51	4409.215	2544.552
Stddev	5.103	6.273	75.13	26.574	3.129
%RSD	.2826094	.3413056	.1546097	.6026966	.1229593

#1	1801.896	1838.036	48509.63	4379.484	2545.214
#2	1803.304	1844.142	48627.77	4417.506	2547.296
#3	1811.354	1831.598	48649.12	4430.655	2541.145

Sample Name: J2770-08 Acquired: 5/8/2018 21:19:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2811979	.1031461	4.288148	.0306035	.1786260	97.27103	7.499079
Stddev	.0066807	.0010316	.009790	.0082458	.0023765	.11051	.010669
%RSD	2.375804	1.000146	.2282937	26.94404	1.330420	.1136056	.1422700

#1	.2778708	.1019797	4.292363	.0305355	.1768761	97.20534	7.486960
#2	.2888889	.1035201	4.276956	.0223918	.1813315	97.39861	7.503220
#3	.2768341	.1039386	4.295123	.0388830	.1776703	97.20914	7.507056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1036072	.1229399	179.6221	.7639764	1.134399	1.463709	321.2649
Stddev	.0005212	.0005299	.1886	.0020548	.002858	.008791	1.7581
%RSD	.5030605	.4310306	.1050222	.2689589	.2519144	.6005811	.5472345

#1	.1041450	.1224315	179.6087	.7654311	1.133114	1.462025	322.1931
#2	.1035723	.1228991	179.4405	.7616258	1.132409	1.455882	322.3644
#3	.1031044	.1234890	179.8170	.7648724	1.137673	1.473220	319.2373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.05199	58.44045	1.249834	.0602848	2.138664	1.286274	6.104494
Stddev	.03115	.08619	.003404	.0003220	.135921	.012778	.009070
%RSD	.2584827	.1474804	.2723668	.5341035	6.355431	.9933748	.1485782

#1	12.08795	58.35024	1.249998	.0600281	2.265216	1.293727	6.094553
#2	12.03452	58.52195	1.246351	.0606461	2.155779	1.293576	6.106612
#3	12.03349	58.44915	1.253153	.0601802	1.994995	1.271520	6.112318

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.052871	.9656672	.3214552	.0139856	9.975079	5.040937	.1198279
Stddev	.038627	.0027624	.0069772	.0001872	.042607	.041365	.0013618
%RSD	.4796722	.2860622	2.170513	1.338415	.4271337	.8205893	1.136480

#1	8.029197	.9638321	.3215520	.0142017	9.951733	5.083140	.1213573
#2	8.097446	.9688443	.3283835	.0138751	10.02426	5.039209	.1193796
#3	8.031971	.9643253	.3144301	.0138800	9.94925	5.000463	.1187467

Sample Name: J2770-08 Acquired: 5/8/2018 21:19:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9017858	.1194851	.5790065
Stddev	.0086035	.0008097	.0006224
%RSD	.9540484	.6776305	.1075000

#1	.9115659	.1191739	.5787052
#2	.8984063	.1188772	.5785920
#3	.8953852	.1204042	.5797222

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.865	1813.435	47843.19	4415.057	2527.895
Stddev	6.347	2.007	7.63	19.372	2.794
%RSD	.3582282	.1106803	.0159449	.4387785	.1105443

#1	1778.869	1813.420	47851.18	4395.609	2528.050
#2	1766.494	1815.449	47835.98	4415.211	2530.609
#3	1770.231	1811.435	47842.41	4434.353	2525.026

Sample Name: J2770-06LX5 Acquired: 5/8/2018 21:23:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545627	.0014549	.8859074	-.013851	.0043817	21.75297	.9029400
Stddev	.0022503	.0034880	.0061770	.003942	.0015186	.08502	.0050332
%RSD	4.124288	239.7400	.6972498	28.45579	34.65731	.3908512	.5574256

#1	.0547503	.0046365	.8913634	-.018136	.0039717	21.84232	.9083773
#2	.0567134	.0020029	.8792008	-.013037	.0060632	21.67307	.9019989
#3	.0522245	-.002275	.8871581	-.010381	.0031102	21.74350	.8984437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039098	.0040728	42.56330	.0991682	.0201022	.2337850	77.11972
Stddev	.0000825	.0001565	.18809	.0004269	.0002125	.0067778	.42597
%RSD	2.110638	3.841334	.4418951	.4304367	1.057333	2.899149	.5523481

#1	.0039707	.0042255	42.77928	.0993743	.0202223	.2348581	77.30145
#2	.0039428	.0039129	42.47505	.0994530	.0202275	.2265347	76.63303
#3	.0038159	.0040798	42.43556	.0986774	.0198567	.2399622	77.42469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.671166	13.64349	.0455794	-.006138	.8012167	.0907217	1.208946
Stddev	.019579	.07638	.0004608	.000103	.2953096	.0023444	.003623
%RSD	.7329674	.5598561	1.010922	1.684324	36.85765	2.584210	.2996954

#1	2.690689	13.58180	.0460866	-.006242	1.001540	.0891187	1.206527
#2	2.671278	13.61975	.0451866	-.006137	.940034	.0896340	1.207199
#3	2.651532	13.72893	.0454650	-.006035	.462077	.0934124	1.213111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.740097	.1914908	.0786879	.0029995	1.965903	1.170126	.0229945
Stddev	.032218	.0001580	.0016944	.0002334	.015794	.020563	.0010529
%RSD	1.851519	.0825166	2.153288	7.781128	.8033738	1.757320	4.578791

#1	1.770925	.1914969	.0775039	.0032502	1.983755	1.175926	.0219226
#2	1.706648	.1916457	.0806288	.0027885	1.953751	1.147287	.0240272
#3	1.742718	.1913299	.0779310	.0029598	1.960203	1.187167	.0230338

Sample Name: J2770-06LX5 Acquired: 5/8/2018 21:23:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASG7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2144567	.0276333	.1361576
Stddev	.0028250	.0006638	.0007418
%RSD	1.317293	2.402109	.5448347

#1	.2152713	.0278811	.1369960
#2	.2167848	.0268813	.1358904
#3	.2113138	.0281376	.1355863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1655.468	1687.364	44168.11	3944.924	2741.584
Stddev	2.197	7.359	198.91	32.372	9.657
%RSD	.1327123	.4361101	.4503510	.8206104	.3522493

#1	1656.119	1679.040	43998.97	3941.884	2730.443
#2	1657.265	1690.045	44118.10	3978.709	2746.743
#3	1653.018	1693.006	44387.25	3914.178	2747.566

Sample Name: J2770-09 Acquired: 5/8/2018 21:27:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1249906	.0098082	3.150930	-.046806	.0097030	89.79755	2.661293
Stddev	.0036285	.0009665	.006778	.000366	.0016150	.51182	.006287
%RSD	2.902984	9.854330	.2151012	.7814976	16.64380	.5699703	.2362419

#1	.1271919	.0096834	3.158749	-.046406	.0080291	90.36408	2.668409
#2	.1269773	.0108311	3.147297	-.047123	.0112517	89.66005	2.658980
#3	.1208027	.0089102	3.146743	-.046889	.0098283	89.36853	2.656490

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135522	.0211579	297.5727	.3214006	.1086037	.6264490	280.3480
Stddev	.0002653	.0001708	.7835	.0020126	.0005944	.0011498	2.1937
%RSD	1.957749	.8071724	.2633106	.6261883	.5472793	.1835400	.7825014

#1	.0136493	.0209877	298.4774	.3232035	.1080718	.6255699	282.7562
#2	.0132520	.0211568	297.1275	.3217691	.1084940	.6277502	279.8243
#3	.0137554	.0213292	297.1131	.3192293	.1092452	.6260269	278.4635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.87806	128.3209	.1302280	-.023084	1.731364	.3875932	5.309768
Stddev	.02860	.8596	.0009818	.000517	.152807	.0092321	.006208
%RSD	.2060949	.6699007	.7538741	2.237594	8.825817	2.381905	.1169227

#1	13.90960	129.1942	.1312699	-.023638	1.818754	.3890640	5.304385
#2	13.87079	128.2930	.1293201	-.022616	1.554920	.3960016	5.316559
#3	13.85380	127.4756	.1300940	-.022998	1.820417	.3777140	5.308360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.367079	1.083393	.2733338	.0109161	6.862173	4.137973	.0827038
Stddev	.008141	.002136	.0069335	.0003563	.022388	.076955	.0022289
%RSD	.1278645	.1971267	2.536639	3.264050	.3262492	1.859722	2.694994

#1	6.375870	1.081111	.2800683	.0111725	6.838631	4.226813	.0839286
#2	6.359799	1.085344	.2737160	.0105092	6.883193	4.095177	.0801311
#3	6.365568	1.083724	.2662171	.0110664	6.864694	4.091930	.0840517

Sample Name: J2770-09 Acquired: 5/8/2018 21:27:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASG8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5585617	.0920412	.4454580
Stddev	.0129009	.0003084	.0010880
%RSD	2.309660	.3350544	.2442469

#1	.5728806	.0922313	.4451657
#2	.5478442	.0916854	.4466624
#3	.5549602	.0922070	.4445461

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.568	1790.820	47142.92	4402.388	2468.332
Stddev	1.236	6.344	22.42	42.948	1.329
%RSD	.0705047	.3542362	.0475663	.9755525	.0538557

#1	1753.839	1783.589	47119.32	4352.800	2466.904
#2	1751.370	1795.448	47163.94	4426.619	2468.561
#3	1752.497	1793.423	47145.50	4427.744	2469.533

Sample Name: J2770-10 Acquired: 5/8/2018 21:31:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1168445	-.001242	7.955602	-.038666	.0104782	82.13058	2.578163
Stddev	.0044739	.002333	.070679	.002740	.0008877	1.80213	.050346
%RSD	3.828917	187.8669	.8884159	7.085329	8.472301	2.194230	1.952792

#1	.1190631	.000916	7.914661	-.041810	.0106915	81.02035	2.541418
#2	.1116949	-.003718	7.914931	-.037391	.0095032	81.16147	2.557521
#3	.1197755	-.000924	8.037215	-.036796	.0112398	84.20991	2.635549

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116757	.0244630	202.9378	.3698733	.0812643	.9153801	241.0186
Stddev	.0002965	.0001622	3.8994	.0020339	.0010702	.0148075	5.7545
%RSD	2.539338	.6628752	1.921487	.5498818	1.316918	1.617630	2.387589

#1	.0116663	.0243360	200.5140	.3721933	.0816800	.9113408	237.9567
#2	.0113840	.0244074	200.8634	.3690294	.0800486	.9030114	237.4423
#3	.0119768	.0246457	207.4359	.3683973	.0820643	.9317881	247.6567

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.246074	74.59530	.1213973	-.018113	2.834481	.3351284	9.401912
Stddev	.132676	2.03154	.0009231	.000461	.200118	.0137488	.078329
%RSD	2.124153	2.723411	.7603895	2.545700	7.060126	4.102557	.8331207

#1	6.177759	73.42834	.1206350	-.018060	2.609203	.3192774	9.490979
#2	6.161476	73.41646	.1211332	-.018598	2.902575	.3422870	9.371005
#3	6.398987	76.94111	.1224236	-.017680	2.991666	.3438210	9.343751

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.829998	.9857430	.2457991	.0108902	11.26522	2.819027	.1224203
Stddev	.141734	.0061199	.0077314	.0002392	.07000	.091347	.0023516
%RSD	2.934443	.6208459	3.145406	2.196645	.6213416	3.240368	1.920910

#1	4.744003	.9803172	.2369902	.0106573	11.20512	2.786774	.1197368
#2	4.752404	.9845349	.2489476	.0111353	11.24847	2.748182	.1234025
#3	4.993585	.9923769	.2514594	.0108781	11.34207	2.922125	.1241215

Sample Name: J2770-10 Acquired: 5/8/2018 21:31:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASG9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7474274	.0824232	.4730229
Stddev	.0219277	.0018206	.0097578
%RSD	2.933762	2.208837	2.062849

#1	.7297585	.0808033	.4670823
#2	.7405558	.0820726	.4677020
#3	.7719680	.0843935	.4842845

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.630	1735.379	46010.51	4228.218	2517.128
Stddev	15.769	7.499	144.97	97.381	15.723
%RSD	.9223668	.4321149	.3150884	2.303111	.6246295

#1	1691.476	1734.671	45843.29	4249.276	2525.064
#2	1719.927	1743.207	46100.96	4313.347	2527.300
#3	1717.486	1728.260	46087.28	4122.032	2499.019

Sample Name: J2770-11 Acquired: 5/8/2018 21:35:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1877117	.0035877	4.644456	-.065608	.0220512	128.7058	5.361700
Stddev	.0025790	.0020052	.006078	.001821	.0012934	.5881	.010609
%RSD	1.373916	55.89110	.1308695	2.775822	5.865261	.4569562	.1978747

#1	.1847710	.0023921	4.637667	-.065704	.0207310	128.9906	5.350588
#2	.1895889	.0024683	4.646311	-.063740	.0233159	128.0295	5.362791
#3	.1887753	.0059027	4.649392	-.067379	.0221067	129.0973	5.371723

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197804	.0513631	223.0817	.5913734	.1420285	1.610148	378.0116
Stddev	.0001303	.0004855	1.1061	.0013801	.0001898	.002372	3.5073
%RSD	.6585235	.9452839	.4958055	.2333812	.1336518	.1473270	.9278223

#1	.0196550	.0508546	221.8277	.5914099	.1418721	1.607416	381.2606
#2	.0199151	.0518218	223.4988	.5927350	.1419737	1.611345	374.2933
#3	.0197713	.0514129	223.9186	.5899754	.1422397	1.611684	378.4808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.72671	59.99167	.1804748	-.030832	4.525726	.5148883	9.065138
Stddev	.07238	.72038	.0010249	.000473	.266591	.0054282	.029868
%RSD	.5687055	1.200799	.5679086	1.533444	5.890568	1.054249	.3294777

#1	12.64315	60.52134	.1800763	-.030601	4.222080	.5188063	9.098188
#2	12.76723	59.17138	.1797090	-.031375	4.721368	.5086923	9.040077
#3	12.76976	60.28230	.1816392	-.030518	4.633731	.5171664	9.057149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.353047	1.492847	.3769856	.0178899	8.512790	4.793911	.1325027
Stddev	.056926	.008809	.0088100	.0003837	.064122	.026536	.0003824
%RSD	.6086336	.5900707	2.336957	2.144792	.7532402	.5535451	.2886272

#1	9.386600	1.489018	.3860155	.0180855	8.476462	4.770676	.1329058
#2	9.287320	1.486602	.3684134	.0174478	8.475081	4.822828	.1324574
#3	9.385221	1.502923	.3765278	.0181364	8.586827	4.788229	.1321450

Sample Name: J2770-11 Acquired: 5/8/2018 21:35:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASH0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.111056	.1259940	.8541724
Stddev	.004618	.0012714	.0013546
%RSD	.4156360	1.009058	.1585823

#1	1.109547	.1271934	.8531448
#2	1.107381	.1261273	.8536651
#3	1.116239	.1246612	.8557074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.276	1862.178	49093.06	4574.840	2486.195
Stddev	7.933	6.419	227.51	20.331	5.176
%RSD	.4343755	.3447213	.4634216	.4444138	.2081790

#1	1819.074	1868.507	48830.45	4597.477	2491.783
#2	1834.779	1862.355	49230.61	4568.909	2485.236
#3	1824.975	1855.672	49218.11	4558.134	2481.565

Sample Name: J2770-12 Acquired: 5/8/2018 21:39:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2166251	.0083193	2.543372	-.079148	.0160608	132.5944	3.557959
Stddev	.0067557	.0059840	.016241	.003292	.0026704	.0740	.012211
%RSD	3.118603	71.92903	.6385608	4.159686	16.62706	.0557933	.3431999

#1	.2238318	.0083301	2.549925	-.082893	.0137828	132.5092	3.565964
#2	.2156076	.0023299	2.555312	-.076713	.0154001	132.6326	3.564009
#3	.2104359	.0142979	2.524878	-.077836	.0189996	132.6415	3.543905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199073	.0182749	147.8153	.5048275	.1761235	.6645754	465.8553
Stddev	.0001476	.0002602	.5840	.0022712	.0004986	.0034778	2.6561
%RSD	.7413872	1.424045	.3950840	.4499049	.2830925	.5233165	.5701479

#1	.0197388	.0184958	147.5921	.5033960	.1766822	.6685525	463.4438
#2	.0200134	.0183408	148.4780	.5036402	.1757239	.6621050	465.4199
#3	.0199698	.0179880	147.3758	.5074463	.1759643	.6630687	468.7021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.94825	44.69096	.1719479	-.040891	3.947983	.6979482	5.542750
Stddev	.03145	.28515	.0004901	.000922	.099550	.0052727	.047400
%RSD	.1576490	.6380508	.2850230	2.255541	2.521551	.7554614	.8551774

#1	19.94433	44.36576	.1725047	-.041611	3.919229	.7039559	5.597076
#2	19.98147	44.80887	.1717570	-.041211	4.058745	.6940885	5.509818
#3	19.91894	44.89824	.1715821	-.039852	3.865973	.6958002	5.521356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.119642	1.028871	.4687854	.0152791	8.263228	4.013395	.0813762
Stddev	.028146	.008960	.0023283	.0002885	.069332	.047825	.0018031
%RSD	.3466443	.8709021	.4966720	1.888190	.8390401	1.191640	2.215765

#1	8.117440	1.035164	.4698057	.0150101	8.304865	3.972411	.0833828
#2	8.148824	1.032836	.4661211	.0155838	8.301627	4.001833	.0798918
#3	8.092661	1.018612	.4704294	.0152434	8.183192	4.065942	.0808541

Sample Name: J2770-12 Acquired: 5/8/2018 21:39:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASH1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9881284	.1226497	.4815950
Stddev	.0020895	.0011503	.0014102
%RSD	.2114619	.9378592	.2928202

#1	.9867760	.1215260	.4824346
#2	.9870742	.1238248	.4823834
#3	.9905350	.1225983	.4799669

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.585	1856.368	48836.14	4558.651	2527.560
Stddev	19.275	5.110	130.72	4.408	11.552
%RSD	1.069275	.2752603	.2676764	.0967047	.4570567

#1	1780.944	1855.167	48964.34	4559.536	2523.114
#2	1817.907	1851.965	48841.03	4562.550	2518.891
#3	1808.904	1861.971	48703.03	4553.867	2540.675

Sample Name: J2770-13 Acquired: 5/8/2018 21:43:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1545124	.0294146	1.839071	-.059981	.0109473	110.9244
Stddev	.0013111	.0029404	.001760	.002096	.0021199	.2657
%RSD	.8485498	9.996237	.0956850	3.493644	19.36422	.2395072

#1	.1542698	.0323140	1.839706	-.060553	.0131101	110.6273
#2	.1559279	.0264350	1.837081	-.061732	.0108585	111.1392
#3	.1533395	.0294948	1.840424	-.057659	.0088732	111.0067

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.597823	.0167503	.0135267	24.78659	.2661786	.2421011
Stddev	.007553	.0000968	.0000402	.04384	.0009993	.0009696
%RSD	.2907383	.5776727	.2973160	.1768669	.3754326	.4005051

#1	2.606454	.0166776	.0135067	24.83650	.2655610	.2412857
#2	2.594592	.0167132	.0135005	24.76894	.2656432	.2418442
#3	2.592423	.0168602	.0135731	24.75433	.2673315	.2431733

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2318206	363.3274	F 30.85563	8.580269	.1205174	-.032007
Stddev	.0048473	1.9123	.06722	.073611	.0004538	.000295
%RSD	2.090985	.5263389	.2178563	.8579140	.3765755	.9220760

#1	.2316506	361.5199	30.92554	8.496837	.1199984	-.032025
#2	.2367506	363.1326	30.84991	8.636053	.1207141	-.032293
#3	.2270604	365.3297	30.79146	8.607918	.1208397	-.031703

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.729436	.5769785	2.143016	4.827778	.7109937	.3295744
Stddev	.090896	.0067199	.012307	.034611	.0040395	.0050341
%RSD	5.255800	1.164679	.5742741	.7169233	.5681429	1.527467

#1	1.770556	.5722048	2.132270	4.828473	.7063659	.3258276
#2	1.792506	.5740676	2.156442	4.862036	.7128031	.3275989
#3	1.625247	.5846632	2.140336	4.792824	.7138122	.3352966

Sample Name: J2770-13 Acquired: 5/8/2018 21:43:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASJ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163139	2.316430	3.782101	.0596044	.9419372	.0987614
Stddev	.0003403	.018391	.029399	.0020060	.0029580	.0010354
%RSD	2.085987	.7939230	.7773194	3.365563	.3140351	1.048405

#1	.0165690	2.308952	3.764700	.0574722	.9403305	.0989270
#2	.0164451	2.302956	3.816045	.0598865	.9453508	.0997041
#3	.0159275	2.337382	3.765560	.0614544	.9401302	.0976532

Elem	Sr4077
Units	ppm
Avg	.1687174
Stddev	.0003761
%RSD	.2229293

#1	.1689627
#2	.1682844
#3	.1689052

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.152	2012.968	52870.42	4776.788	2649.098
Stddev	4.894	3.396	137.49	27.707	8.596
%RSD	.2480132	.1687091	.2600551	.5800402	.3244877

#1	1973.350	2011.950	52717.99	4795.287	2651.835
#2	1968.163	2016.757	52908.19	4744.932	2655.992
#3	1977.944	2010.198	52985.08	4790.144	2639.467

Sample Name: J2770-14 Acquired: 5/8/2018 21:47:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0904636	.0081230	1.105554	-.046064	.0121135	66.98767	1.045188
Stddev	.0065340	.0020503	.002404	.003852	.0018815	.29924	.000343
%RSD	7.222790	25.24054	.2174227	8.361505	15.53238	.4467146	.0328438

#1	.0925125	.0103581	1.107576	-.050433	.0122292	67.33087	1.044876
#2	.0957276	.0063293	1.102896	-.044601	.0101769	66.85083	1.045555
#3	.0831507	.0076818	1.106189	-.043159	.0139346	66.78132	1.045133

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113401	.0060617	34.01713	.2916026	.1015351	.2539752	274.7747
Stddev	.0000419	.0002412	.10560	.0007738	.0009667	.0038937	2.7814
%RSD	.3696920	3.978306	.3104195	.2653499	.9520915	1.533115	1.012254

#1	.0113813	.0058655	33.89546	.2918372	.1014155	.2551126	277.9863
#2	.0113416	.0063309	34.07108	.2922320	.1006338	.2496394	273.1463
#3	.0112975	.0059887	34.08486	.2907387	.1025561	.2571736	273.1915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.20632	10.93427	.0963222	-.024375	1.354209	.3588449	1.880055
Stddev	.02931	.15622	.0004284	.000611	.178162	.0061290	.012073
%RSD	.2400948	1.428758	.4448117	2.504870	13.15621	1.707982	.6421873

#1	12.19764	11.08828	.0963235	-.023897	1.284050	.3649984	1.875230
#2	12.23898	10.93860	.0958930	-.024166	1.221806	.3527407	1.871139
#3	12.18233	10.77592	.0967499	-.025063	1.556770	.3587956	1.893794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.170070	.4521387	.2520843	.0131687	1.861530	3.801724	.0882967
Stddev	.034158	.0025249	.0072734	.0001675	.013381	.088119	.0019706
%RSD	1.077515	.5584408	2.885305	1.271804	.7188409	2.317880	2.231774

#1	3.208585	.4513682	.2603507	.0129757	1.875341	3.900024	.0899569
#2	3.158173	.4549591	.2466657	.0132538	1.860625	3.775331	.0888143
#3	3.143451	.4500888	.2492366	.0132765	1.848624	3.729817	.0861191

Sample Name: J2770-14 Acquired: 5/8/2018 21:47:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASJ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6901084	.0455511	.1041949
Stddev	.0240516	.0009515	.0002017
%RSD	3.485190	2.088938	.1936122

#1	.7169087	.0461496	.1040570
#2	.6830161	.0460499	.1044265
#3	.6704005	.0444539	.1041014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.343	1854.715	48688.92	4390.374	2718.875
Stddev	15.606	7.944	177.55	14.035	7.301
%RSD	.8573312	.4283085	.3646711	.3196785	.2685182

#1	1834.732	1860.784	48848.67	4376.072	2721.312
#2	1822.543	1857.638	48497.76	4390.925	2724.646
#3	1803.753	1845.724	48720.35	4404.126	2710.668

Sample Name: J2770-15 Acquired: 5/8/2018 21:51:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2478386	.0067931	2.626833	-.085165	.0207381	111.0587	2.718934
Stddev	.0031626	.0036379	.015914	.004233	.0012899	.3304	.000781
%RSD	1.276052	53.55347	.6058182	4.970886	6.219866	.2974718	.0287277

#1	.2452514	.0099670	2.609792	-.087100	.0214602	110.6773	2.718153
#2	.2469003	.0028230	2.629399	-.080310	.0215052	111.2585	2.719716
#3	.2513642	.0075892	2.641308	-.088085	.0192489	111.2402	2.718932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208872	.0193688	135.4727	.5098955	.2399799	.7858646	497.6524
Stddev	.0001409	.0001292	.2713	.0006314	.0014263	.0062719	2.7209
%RSD	.6746854	.6669993	.2002732	.1238312	.5943378	.7980850	.5467385

#1	.0207306	.0194219	135.6647	.5101742	.2390536	.7810194	494.5579
#2	.0210038	.0192216	135.5911	.5103397	.2392638	.7929487	498.7298
#3	.0209272	.0194630	135.1623	.5091727	.2416224	.7836256	499.6696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.50107	30.44419	.1863593	-.044773	3.145375	.7264856	5.021414
Stddev	.08200	.14188	.0013491	.001528	.096759	.0057042	.027873
%RSD	.4204800	.4660425	.7239226	3.411674	3.076219	.7851733	.5550890

#1	19.52714	30.28037	.1859433	-.046528	3.071558	.7223966	4.999539
#2	19.56687	30.52491	.1852672	-.044042	3.109651	.7330020	5.052798
#3	19.40921	30.52730	.1878674	-.043747	3.254916	.7240582	5.011906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.338978	1.334373	.4782129	.0152229	9.263939	4.294299	.1236925
Stddev	.075765	.009440	.0080260	.0001434	.087338	.022638	.0016003
%RSD	1.032358	.7074159	1.678343	.9418709	.9427759	.5271731	1.293794

#1	7.256053	1.325965	.4861531	.0151391	9.174738	4.269051	.1223355
#2	7.356296	1.332571	.4783817	.0153885	9.267794	4.312788	.1232848
#3	7.404584	1.344584	.4701037	.0151412	9.349286	4.301057	.1254573

Sample Name: J2770-15 Acquired: 5/8/2018 21:51:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASJ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.039047	.1087168	.5818731
Stddev	.008223	.0011581	.0002340
%RSD	.7914396	1.065219	.0402127

#1	1.029564	.1075221	.5817351
#2	1.044215	.1098344	.5821432
#3	1.043363	.1087940	.5817409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.665	1876.900	49136.93	4471.086	2567.819
Stddev	7.460	5.828	245.25	25.456	7.041
%RSD	.4063659	.3104952	.4991171	.5693466	.2742042

#1	1837.674	1880.827	48991.76	4500.473	2572.135
#2	1827.407	1879.668	48998.95	4455.825	2571.628
#3	1841.915	1870.204	49420.10	4456.961	2559.694

Sample Name: J2770-16 Acquired: 5/8/2018 21:55:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1029812	-.010913	.4035686	-.088042	.0123602	97.52695	.4681559
Stddev	.0060936	.001409	.0009236	.002745	.0006653	.30532	.0024903
%RSD	5.917188	12.90784	.2288521	3.117652	5.382433	.3130672	.5319383

#1	.1034769	-.012533	.4040738	-.085056	.0119452	97.21605	.4654593
#2	.0966549	-.010225	.4025026	-.088612	.0120079	97.82637	.4703690
#3	.1088118	-.009980	.4041293	-.090457	.0131276	97.53843	.4686394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183249	.0016625	12.26169	.6970934	.0967391	.0324229	525.7915
Stddev	.0000865	.0001390	.19034	.0013171	.0001014	.0013120	1.3034
%RSD	.4719161	8.360083	1.552329	.1889391	.1048152	4.046599	.2478856

#1	.0183154	.0016973	12.05795	.6971033	.0967744	.0335849	524.3178
#2	.0184157	.0015095	12.43495	.6957714	.0966248	.0310001	526.7926
#3	.0182435	.0017809	12.29219	.6984055	.0968182	.0326837	526.2641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.285178	6.602607	.0624921	-.048767	2.124999	.9703328	.4193322
Stddev	.006396	.057359	.0005633	.000376	.236954	.0019584	.0044365
%RSD	.1946788	.8687260	.9013812	.7703531	11.15078	.2018322	1.057996

#1	3.284680	6.631626	.0619015	-.048406	2.398329	.9684224	.4241613
#2	3.279046	6.639657	.0630234	-.048741	1.977596	.9702401	.4154369
#3	3.291808	6.536538	.0625513	-.049156	1.999073	.9723360	.4183984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.138375	.3075978	.4786134	.0055037	.6237895	6.960536	.0088566
Stddev	.033774	.0012734	.0031225	.0003058	.0040449	.067045	.0008516
%RSD	2.966870	.4139847	.6523959	5.556861	.6484406	.9632101	9.615599

#1	1.176008	.3079050	.4760748	.0053745	.6282560	6.931138	.0089251
#2	1.128418	.3061989	.4776654	.0058530	.6227391	7.037257	.0079728
#3	1.110699	.3086895	.4821000	.0052837	.6203734	6.913211	.0096719

Sample Name: J2770-16 Acquired: 5/8/2018 21:55:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASJ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7735108	.0347538	.1132520
Stddev	.0039597	.0011260	.0003506
%RSD	.5119157	3.239925	.3095754

#1	.7706715	.0334841	.1130079
#2	.7780342	.0351462	.1130944
#3	.7718267	.0356311	.1136538

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.199	1858.937	48806.65	4418.607	2647.861
Stddev	9.363	1.355	65.15	18.220	4.947
%RSD	.5181046	.0728831	.1334859	.4123395	.1868266

#1	1797.122	1858.726	48831.30	4431.641	2642.670
#2	1815.629	1860.385	48855.88	4397.788	2652.520
#3	1808.847	1857.700	48732.77	4426.393	2648.393

Sample Name: J2770-17 Acquired: 5/8/2018 21:59:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3011083	-.005302	2.621292	-.107658	.0216055	122.7412	3.421907
Stddev	.0027560	.004230	.015983	.002556	.0002825	.2896	.001507
%RSD	.9153011	79.78482	.6097297	2.374263	1.307578	.2359337	.0440391

#1	.2998783	-.006344	2.602953	-.107160	.0213928	123.0252	3.420724
#2	.3042651	-.000648	2.628667	-.105388	.0219261	122.7521	3.423604
#3	.2991814	-.008914	2.632255	-.110427	.0214977	122.4464	3.421392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219515	.0167443	180.7245	.4854681	.1649907	.7603118	602.8894
Stddev	.0001285	.0005327	.5002	.0017832	.0002030	.0112457	4.5776
%RSD	.5854528	3.181205	.2767487	.3673139	.1230603	1.479094	.7592720

#1	.0219103	.0161298	180.2828	.4843988	.1651406	.7533846	607.6886
#2	.0220955	.0170734	181.2676	.4844788	.1650719	.7732873	602.4080
#3	.0218486	.0170298	180.6231	.4875266	.1647597	.7542635	598.5715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.43062	35.32426	.1741854	-.054023	5.179598	.7045471	4.534470
Stddev	.04684	.54193	.0006982	.000687	.051427	.0012290	.014080
%RSD	.3768271	1.534171	.4008461	1.271988	.9928739	.1744387	.3105088

#1	12.37725	35.62871	.1735460	-.054769	5.152437	.7033133	4.550718
#2	12.44968	35.64551	.1740799	-.053416	5.147446	.7057712	4.526865
#3	12.46492	34.69856	.1749304	-.053885	5.238910	.7045569	4.525829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.28168	1.251276	.7496050	.0209852	31.21031	5.803273	.1250019
Stddev	.07229	.005624	.0128845	.0004482	.08820	.024107	.0013045
%RSD	.5885745	.4494564	1.718844	2.135977	.2826038	.4153975	1.043575

#1	12.26473	1.245145	.7644503	.0212018	31.14094	5.803971	.1238982
#2	12.21938	1.252486	.7430337	.0204698	31.18042	5.827023	.1246660
#3	12.36094	1.256196	.7413310	.0212841	31.30958	5.778825	.1264415

Sample Name: J2770-17 Acquired: 5/8/2018 21:59:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASJ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.958466	.1417339	.9703493
Stddev	.006164	.0007715	.0011918
%RSD	.3147306	.5443498	.1228271

#1	1.964966	.1412480	.9692291
#2	1.957727	.1413303	.9702171
#3	1.952705	.1426236	.9716018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.196	1859.062	49190.68	4542.874	2498.860
Stddev	9.359	5.307	148.05	11.887	11.714
%RSD	.5167144	.2854885	.3009685	.2616681	.4687626

#1	1800.473	1864.428	49081.17	4533.355	2511.637
#2	1817.719	1858.943	49131.74	4539.069	2496.312
#3	1815.397	1853.815	49359.12	4556.198	2488.629

Sample Name: CCV055 Acquired: 5/8/2018 22:03:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.826110	4.846304	24.39340	4.777805	4.803604	406.1892
Stddev	.004271	.017527	.05494	.015140	.012314	2.0319
%RSD	.0885002	.3616509	.2252232	.3168920	.2563521	.5002389

#1	4.821194	4.827474	24.36230	4.794476	4.803234	408.3527
#2	4.828218	4.862142	24.36107	4.764911	4.791479	404.3212
#3	4.828916	4.849295	24.45684	4.774026	4.816099	405.8936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.928186	.5066683	2.485463	404.4611	14.90787	2.484896
Stddev	.037268	.0055846	.006676	.9751	.01730	.006215
%RSD	.3753782	1.102224	.2686099	.2410797	.1160126	.2500910

#1	9.917955	.5130510	2.477794	404.1736	14.91439	2.478572
#2	9.897102	.5026811	2.488614	403.6622	14.88827	2.485122
#3	9.969501	.5042727	2.489980	405.5477	14.92096	2.490995

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.84191	415.3830	14.84139	404.2800	2.450086	1.230610
Stddev	.00546	3.5667	.02702	3.5317	.007917	.003531
%RSD	.0368128	.8586590	.1820491	.8735806	.3231221	.2869632

#1	14.83796	419.4764	14.86301	408.0669	2.444608	1.232187
#2	14.84815	412.9429	14.81110	401.0760	2.446487	1.233079
#3	14.83964	413.7298	14.85006	403.6970	2.459163	1.226565

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.1637	2.458499	15.46222	155.4511	F 6.211561	5.204795
Stddev	2.8993	.019848	.06142	.8210	.009199	.056037
%RSD	.7103342	.8073294	.3972388	.5281457	.1480955	1.076643

#1	411.1823	2.480985	15.52762	156.2120	6.201103	5.268791
#2	405.4006	2.443418	15.40576	154.5809	6.218401	5.164521
#3	407.9082	2.451093	15.45327	155.5602	6.215177	5.181073

Sample Name: CCV055 Acquired: 5/8/2018 22:03:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.810884	5.094291	4.921117	4.937789	4.956062	4.979428
Stddev	.013367	.012635	.066951	.010255	.031807	.021691
%RSD	.2778388	.2480301	1.360494	.2076775	.6417752	.4356168

#1	4.810864	5.091324	4.997589	4.926291	4.989903	4.984594
#2	4.797528	5.108146	4.873057	4.941089	4.951502	4.955621
#3	4.824261	5.083403	4.892703	4.945987	4.926781	4.998070

Elem	Sr4077
Units	ppm
Avg	5.027739
Stddev	.012990
%RSD	.2583633

#1	5.038768
#2	5.013420
#3	5.031028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.302	1369.419	37344.92	3577.192	2151.823
Stddev	3.569	3.817	59.53	35.265	3.238
%RSD	.2640814	.2787143	.1594155	.9858226	.1504754

#1	1348.196	1369.151	37276.60	3536.935	2154.867
#2	1350.508	1373.362	37372.46	3602.627	2152.182
#3	1355.200	1365.743	37385.70	3592.013	2148.421

Sample Name: CCB055 Acquired: 5/8/2018 22:07:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001069	-.000893	.0010222	.0037614	.0007399	.0334668	.0023688
Stddev	.002388	.001059	.0012868	.0008830	.0007341	.0070239	.0004886
%RSD	223.4274	118.6149	125.8902	23.47651	99.21749	20.98774	20.62443

#1	-.003176	.000330	.0025079	.0047094	.0003470	.0378242	.0025010
#2	-.001557	-.001510	.0002992	.0029624	.0002859	.0372123	.0027776
#3	.001526	-.001498	.0002594	.0036123	.0015868	.0253640	.0018277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000715	-.000009	.0183084	.0003272	.0000854	-.003239	.0061544
Stddev	.0000389	.000069	.0063321	.0001351	.0001648	.002145	.0182375
%RSD	54.37353	733.3693	34.58582	41.28998	193.0128	66.21259	296.3304

#1	.0001092	.000040	.0123248	.0002610	.0002701	-.002809	-.007229
#2	.0000315	-.000089	.0176611	.0004827	-.000047	-.005567	.026927
#3	.0000739	.000021	.0249393	.0002380	.000033	-.001342	-.001234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000091	-.026478	.0005493	.0002716	.2273654	-.001363	.0080277
Stddev	.000642	.015241	.0002742	.0002218	.3774884	.000526	.0007001
%RSD	705.9387	57.56076	49.92043	81.66889	166.0272	38.61960	8.720514

#1	-.000830	-.012873	.0008152	.0005274	-.175938	-.001534	.0086770
#2	.000224	-.042947	.0005651	.0001556	.285812	-.000772	.0081199
#3	.000333	-.023613	.0002675	.0001319	.572221	-.001783	.0072860

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0686941	-.000144	.0067971	.0001443	-.009438	.0005747	.0003358
Stddev	.0448119	.000061	.0013099	.0001640	.003225	.0019171	.0015245
%RSD	65.23395	42.21595	19.27090	113.6792	34.16830	333.6042	453.9871

#1	.1173353	-.000209	.0076724	.0000353	-.011148	-.001639	.0020006
#2	.0596586	-.000088	.0052912	.0003329	-.005719	.001664	-.000992
#3	.0290885	-.000136	.0074278	.0000646	-.011449	.001699	-.000001

Sample Name: CCB055 Acquired: 5/8/2018 22:07:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001038	.0015420	.0001343
Stddev	.0005298	.0005878	.0000120
%RSD	510.1658	38.11935	8.945777

#1	.0006390	.0021702	.0001205
#2	.0000928	.0010053	.0001411
#3	-.000420	.0014506	.0001414

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1612.497	1662.351	42853.08	3773.783	2856.222
Stddev	15.664	2.285	628.57	10.629	8.759
%RSD	.9714239	.1374842	1.466814	.2816563	.3066600

#1	1628.043	1660.853	43576.92	3761.675	2852.682
#2	1596.717	1664.981	42444.81	3781.575	2866.197
#3	1612.732	1661.217	42537.50	3778.100	2849.788

Sample Name: J2770-18 Acquired: 5/8/2018 22:11:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2832073	-.008984	2.768425	-.114263	.0501948	117.5847	3.082147
Stddev	.0047184	.001405	.016619	.005790	.0008257	.3643	.004835
%RSD	1.666073	15.64287	.6003144	5.066801	1.645045	.3097917	.1568730

#1	.2852487	-.010495	2.758488	-.120303	.0492415	117.2754	3.084553
#2	.2778118	-.008741	2.759177	-.113727	.0506841	117.9862	3.076581
#3	.2865613	-.007716	2.787612	-.108761	.0506590	117.4925	3.085307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217647	.0181204	139.5497	.5943863	.1341253	.8708575	644.8400
Stddev	.0000673	.0001384	.2164	.0017652	.0006577	.0017003	4.9234
%RSD	.3090330	.7639818	.1550687	.2969844	.4903893	.1952483	.7635018

#1	.0217518	.0182112	139.6559	.5930145	.1339177	.8705817	641.5850
#2	.0218374	.0179611	139.3008	.5937665	.1335963	.8726789	650.5040
#3	.0217047	.0181890	139.6925	.5963778	.1348617	.8693120	642.4309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.616400	27.02814	.1661469	-.058824	4.582049	.7292091	5.175154
Stddev	.019910	.21261	.0021007	.000713	.263767	.0075318	.023573
%RSD	.2614088	.7866313	1.264374	1.212724	5.756532	1.032869	.4555047

#1	7.615186	26.79976	.1642486	-.059587	4.287344	.7217083	5.177321
#2	7.597124	27.06432	.1657882	-.058174	4.662807	.7367714	5.197569
#3	7.636889	27.22035	.1684038	-.058711	4.795996	.7291477	5.150572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.18594	1.353428	.6421218	.0166824	31.95833	4.027399	.2971476
Stddev	.02801	.007297	.0040114	.0001494	.07654	.037496	.0010526
%RSD	.2123940	.5391144	.6247038	.8952560	.2394990	.9310261	.3542324

#1	13.15374	1.349923	.6425796	.0168466	31.88369	3.985635	.2982664
#2	13.19946	1.348545	.6458847	.0166460	31.95466	4.058170	.2961769
#3	13.20463	1.361815	.6379012	.0165546	32.03664	4.038391	.2969995

Sample Name: J2770-18 Acquired: 5/8/2018 22:11:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASJ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.832638	.1292134	.9027551
Stddev	.010694	.0005917	.0011297
%RSD	.5835251	.4579428	.1251389

#1	1.828732	.1289851	.9015032
#2	1.844735	.1287699	.9030634
#3	1.824446	.1298853	.9036986

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1815.077	1853.890	49188.74	4528.444	2550.058
Stddev	9.147	8.501	152.14	16.919	12.336
%RSD	.5039346	.4585634	.3093080	.3736244	.4837717

#1	1816.891	1855.913	49219.83	4544.191	2552.951
#2	1805.159	1861.196	49023.45	4510.556	2560.690
#3	1823.181	1844.559	49322.93	4530.583	2536.532

Sample Name: J2760-01 Acquired: 5/8/2018 22:15:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6816184	-.007489	8.478013	-.004051	.0120498	12.29459	1.010394
Stddev	.0048026	.000661	.021376	.003057	.0020507	.03430	.001062
%RSD	.7045873	8.830442	.2521394	75.46667	17.01812	.2789999	.1051067

#1	.6810236	-.006728	8.470559	-.005795	.0127867	12.26573	1.011043
#2	.6866906	-.007811	8.461361	-.005837	.0136302	12.33252	1.009168
#3	.6771408	-.007928	8.502118	-.000521	.0097326	12.28553	1.010970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011334	.0087783	353.8886	.0453929	.0541999	2.744899	32.74244
Stddev	.0000757	.0001117	.5263	.0001851	.0006901	.005644	.11367
%RSD	6.680776	1.272229	.1487210	.4076845	1.273241	.2056161	.3471508

#1	.0010645	.0088968	353.6546	.0456023	.0548277	2.738657	32.64879
#2	.0012144	.0086750	354.4913	.0452514	.0534610	2.746399	32.86890
#3	.0011212	.0087630	353.5199	.0453251	.0543109	2.749641	32.70963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.633841	118.7176	.0458532	-.000186	.7216832	1.116088	2.430497
Stddev	.011471	.5655	.0001226	.000550	.1891754	.012745	.007032
%RSD	.3156578	.4763154	.2674495	295.9063	26.21308	1.141935	.2893154

#1	3.634688	118.2779	.0457861	-.000068	.7424831	1.104521	2.435134
#2	3.621971	119.3555	.0457786	-.000785	.8995990	1.113992	2.433950
#3	3.644865	118.5193	.0459947	.000296	.5229675	1.129751	2.422406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.411221	.1864023	.0739576	.0365427	7.306998	4.552644	-.001885
Stddev	.040881	.0004530	.0011072	.0003514	.032232	.004751	.000909
%RSD	.9267498	.2430244	1.497104	.9617011	.4411136	.1043512	48.21147

#1	4.375168	.1861818	.0752039	.0362502	7.302258	4.547934	-.002132
#2	4.402860	.1861017	.0735814	.0369325	7.277398	4.557434	-.000878
#3	4.455637	.1869233	.0730875	.0364454	7.341337	4.552564	-.002644

Sample Name: J2760-01 Acquired: 5/8/2018 22:15:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAT86 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2147420	.0492102	1.563013
Stddev	.0004892	.0011136	.001364
%RSD	.2278088	2.262911	.0872797

#1	.2152681	.0494947	1.561500
#2	.2146571	.0501539	1.563390
#3	.2143008	.0479820	1.564149

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1520.682	1551.917	40901.80	3769.759	2481.594
Stddev	8.353	1.565	117.24	27.692	6.432
%RSD	.5492995	.1008599	.2866462	.7345791	.2592021

#1	1517.893	1552.493	40901.00	3800.299	2480.101
#2	1514.080	1553.113	40784.95	3762.695	2488.641
#3	1530.073	1550.146	41019.43	3746.284	2476.039

Sample Name: J2760-02 Acquired: 5/8/2018 22:19:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1356452	.0202176	2.613071	-.075372	.0111994	133.0983
Stddev	.0034712	.0019743	.002018	.004183	.0019213	.3483
%RSD	2.559057	9.765148	.0772107	5.549960	17.15506	.2617084

#1	.1336194	.0198508	2.613895	-.070588	.0091186	133.4861
#2	.1336628	.0184524	2.610772	-.078341	.0129062	132.9970
#3	.1396534	.0223496	2.614547	-.077186	.0115733	132.8119

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.117581	.0200582	.0289673	220.5235	.5500226	.1126961
Stddev	.005005	.0001715	.0001966	.1433	.0014803	.0000957
%RSD	.2363339	.8552103	.6786195	.0649760	.2691359	.0849049

#1	2.122744	.0198601	.0291564	220.4717	.5517046	.1126638
#2	2.117248	.0201606	.0287640	220.6855	.5489180	.1126207
#3	2.112752	.0201538	.0289816	220.4133	.5494451	.1128037

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5682704	419.3254	F 33.26136	104.2561	.1726506	-.035317
Stddev	.0027894	1.4883	.11424	.3335	.0010585	.000354
%RSD	.4908511	.3549245	.3434748	.3199204	.6130943	1.003648

#1	.5684959	419.1781	33.17829	103.8991	.1735850	-.035154
#2	.5709401	420.8819	33.39165	104.5598	.1715011	-.035724
#3	.5653750	417.9163	33.21416	104.3093	.1728658	-.035074

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.40039	.6465035	10.48633	10.81539	1.014981	.4886626
Stddev	.13307	.0085961	.06659	.08187	.002579	.0074750
%RSD	1.167225	1.329623	.6349728	.7569792	.2540755	1.529675

#1	11.31801	.6523718	10.49075	10.90055	1.016790	.4907526
#2	11.55391	.6505023	10.41764	10.73727	1.016125	.4948700
#3	11.32925	.6366365	10.55059	10.80835	1.012028	.4803651

Sample Name: J2760-02 Acquired: 5/8/2018 22:19:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143199	8.828535	5.910110	.1045219	3.365076	.1913721
Stddev	.0003844	.041235	.010364	.0010627	.017802	.0015192
%RSD	2.684451	.4670608	.1753545	1.016767	.5290127	.7938249

#1	.0138776	8.870151	5.915564	.1036036	3.372616	.1929312
#2	.0145094	8.827761	5.898158	.1056860	3.377866	.1898963
#3	.0145728	8.787692	5.916607	.1042760	3.344745	.1912889

Elem	Sr4077
Units	ppm
Avg	.5482212
Stddev	.0015033
%RSD	.2742184

#1	.5490169
#2	.5491593
#3	.5464872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.081	1903.381	49978.61	4669.618	2455.424
Stddev	4.586	10.067	234.20	20.511	7.977
%RSD	.2467962	.5289254	.4686072	.4392451	.3248730

#1	1861.504	1908.144	50130.83	4686.015	2460.322
#2	1859.868	1910.184	49708.92	4676.219	2459.731
#3	1852.871	1891.816	50096.09	4646.619	2446.220

Sample Name: J2760-03 Acquired: 5/8/2018 22:23:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0985972	.0240772	1.038148	-.044752	.0081101	114.0190
Stddev	.0041665	.0044468	.011438	.005253	.0006408	.2386
%RSD	4.225768	18.46896	1.101790	11.73874	7.901483	.2092851

#1	.0942064	.0291104	1.048969	-.050804	.0088500	114.0286
#2	.0990898	.0224402	1.026179	-.042085	.0077498	113.7758
#3	.1024956	.0206809	1.039297	-.041367	.0077306	114.2528

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.604684	.0152821	.0060181	179.5701	.4099434	.0654133
Stddev	.001075	.0001800	.0001648	.5869	.0009675	.0009787
%RSD	.0670020	1.178097	2.738782	.3268249	.2360110	1.496183

#1	1.603754	.0154162	.0060265	178.8990	.4089453	.0664341
#2	1.604437	.0150775	.0061785	179.8242	.4100077	.0644829
#3	1.605861	.0153527	.0058492	179.9870	.4108771	.0653229

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3050610	263.8877	F 33.01086	49.40176	.0959190	-.024680
Stddev	.0031199	1.2511	.24694	.35854	.0011334	.000315
%RSD	1.022718	.4741169	.7480674	.7257675	1.181654	1.276319

#1	.3085541	263.7716	32.75355	49.11010	.0971926	-.025033
#2	.3025512	262.6987	33.03310	49.29313	.0950213	-.024429
#3	.3040777	265.1928	33.24593	49.80206	.0955431	-.024577

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.678163	.6114083	2.613388	9.138365	.4323660	.3476978
Stddev	.157540	.0061279	.006677	.099930	.0011909	.0009762
%RSD	4.283129	1.002257	.2554813	1.093521	.2754286	.2807724

#1	3.677912	.6071285	2.614219	9.217167	.4333341	.3468935
#2	3.835829	.6086682	2.619611	9.025966	.4310362	.3487840
#3	3.520748	.6184281	2.606335	9.171963	.4327276	.3474159

Sample Name: J2760-03 Acquired: 5/8/2018 22:23:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090205	5.286347	7.167650	.0651047	3.821637	.1755423
Stddev	.0003214	.037821	.084498	.0007789	.015280	.0013082
%RSD	3.563309	.7154454	1.178884	1.196385	.3998345	.7452377

#1	.0093731	5.312506	7.169279	.0642309	3.812335	.1751935
#2	.0087439	5.242983	7.082349	.0657260	3.813303	.1769895
#3	.0089445	5.303553	7.251322	.0653572	3.839272	.1744438

Elem	Sr4077
Units	ppm
Avg	.4536507
Stddev	.0016665
%RSD	.3673455

#1	.4519244
#2	.4537778
#3	.4552500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.225	1891.845	49561.80	4540.105	2532.008
Stddev	10.844	10.096	147.97	35.841	19.158
%RSD	.5854733	.5336655	.2985474	.7894393	.7566170

#1	1845.462	1883.023	49516.11	4517.356	2514.836
#2	1846.480	1902.856	49442.06	4581.421	2552.671
#3	1864.733	1889.656	49727.22	4521.540	2528.517

Sample Name: J2760-04 Acquired: 5/8/2018 22:27:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1042519	.0282071	1.047778	-.046555	.0083442	106.4388
Stddev	.0022505	.0050225	.006676	.002717	.0010545	.2491
%RSD	2.158711	17.80597	.6372028	5.836792	12.63728	.2340189

#1	.1018589	.0234393	1.041277	-.043976	.0080466	106.1529
#2	.1063259	.0334505	1.054617	-.046296	.0074704	106.6085
#3	.1045711	.0277316	1.047439	-.049392	.0095154	106.5550

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.585847	.0129252	.0074448	126.5728	.4272222	.0656344
Stddev	.004855	.0002606	.0000875	.1328	.0012349	.0008846
%RSD	.3061247	2.016463	1.175816	.1049256	.2890637	1.347846

#1	1.584154	.0126312	.0073450	126.5809	.4257981	.0652857
#2	1.591322	.0130165	.0075084	126.7014	.4279986	.0649773
#3	1.582067	.0131279	.0074811	126.4361	.4278699	.0666403

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4513631	304.8083	F 38.34150	54.43975	.1061115	-.028258
Stddev	.0039553	.7245	.11926	.29805	.0010461	.000469
%RSD	.8762941	.2376937	.3110439	.5474938	.9858787	1.659979

#1	.4558911	304.2960	38.45174	54.09880	.1062731	-.028685
#2	.4496160	304.4917	38.21491	54.56960	.1070675	-.027756
#3	.4485822	305.6373	38.35785	54.65085	.1049940	-.028334

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.842516	.5756632	2.759076	7.947910	.4772174	.3553620
Stddev	.214606	.0045963	.003108	.107714	.0011155	.0095198
%RSD	5.585050	.7984343	.1126524	1.355248	.2337493	2.678900

#1	3.743021	.5808521	2.762664	7.825970	.4782170	.3587770
#2	3.695715	.5740341	2.757193	7.987659	.4774212	.3446058
#3	4.088812	.5721033	2.757372	8.030101	.4760141	.3627033

Sample Name: J2760-04 Acquired: 5/8/2018 22:27:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073442	4.108522	7.028163	.1034362	4.487413	.1720074
Stddev	.0004135	.017746	.067818	.0021168	.013579	.0004682
%RSD	5.630004	.4319395	.9649528	2.046479	.3026031	.2721828

#1	.0075445	4.128995	6.957116	.1026073	4.477386	.1718373
#2	.0076193	4.097532	7.092209	.1018592	4.481987	.1716481
#3	.0068687	4.099039	7.035166	.1058420	4.502866	.1725368

Elem	Sr4077
Units	ppm
Avg	.4293376
Stddev	.0002043
%RSD	.0475785

#1	.4292563
#2	.4291866
#3	.4295701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.935	1826.140	47690.80	4328.269	2593.577
Stddev	13.268	5.305	226.91	21.242	3.488
%RSD	.7429088	.2904799	.4757960	.4907629	.1344958

#1	1770.684	1820.731	47433.51	4352.620	2589.624
#2	1794.821	1831.334	47776.54	4313.546	2596.222
#3	1792.299	1826.355	47862.34	4318.642	2594.884

Sample Name: J2760-05 Acquired: 5/8/2018 22:31:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1094671	.0525469	1.292139	-.059114	.0074957	168.8337
Stddev	.0058086	.0019451	.004667	.005571	.0016728	1.1016
%RSD	5.306254	3.701547	.3612206	9.424361	22.31610	.6524795

#1	.1150940	.0540544	1.291061	-.061478	.0089213	168.1083
#2	.1034924	.0503514	1.288105	-.063114	.0079117	168.2915
#3	.1098149	.0532349	1.297252	-.052751	.0056543	170.1013

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.373356	.0188719	.0107905	270.2425	.5659947	.0874287
Stddev	.001516	.0003504	.0001413	.1844	.0012752	.0005734
%RSD	.0638723	1.856840	1.309600	.0682353	.2253086	.6558151

#1	2.371691	.0185909	.0108726	270.0364	.5674672	.0878429
#2	2.374656	.0187603	.0108716	270.2994	.5652669	.0867743
#3	2.373722	.0192645	.0106273	270.3918	.5652501	.0876690

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4243241	338.1833	F 64.36590	98.81300	.1170863	-.032856
Stddev	.0045955	4.9768	.16915	.83328	.0003081	.000253
%RSD	1.083005	1.471641	.2627954	.8432924	.2631571	.7711574

#1	.4221274	334.3471	64.50943	98.30821	.1171121	-.032960
#2	.4296057	336.3957	64.40886	98.35599	.1167661	-.033040
#3	.4212393	343.8070	64.17941	99.77480	.1173807	-.032567

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.712136	.8963520	3.719556	15.86027	.6178884	.4648680
Stddev	.181461	.0179383	.005642	.08977	.0025657	.0140617
%RSD	1.868393	2.001253	.1516847	.5659747	.4152290	3.024888

#1	9.588041	.8794952	3.713158	15.76691	.6171095	.4550740
#2	9.627970	.8943558	3.721693	15.86798	.6158025	.4585494
#3	9.920397	.9152048	3.723817	15.94594	.6207533	.4809806

Sample Name: J2760-05 Acquired: 5/8/2018 22:31:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068351	5.826958	4.605661	.0936401	8.525042	.3325555
Stddev	.0005726	.013529	.027069	.0009195	.068933	.0015735
%RSD	8.377529	.2321874	.5877351	.9819090	.8085987	.4731429

#1	.0074795	5.819160	4.578287	.0944643	8.468017	.3324349
#2	.0066416	5.819135	4.606282	.0926484	8.505463	.3310458
#3	.0063844	5.842581	4.632415	.0938076	8.601648	.3341858

Elem	Sr4077
Units	ppm
Avg	.7137784
Stddev	.0000697
%RSD	.0097622

#1	.7138198
#2	.7136979
#3	.7138174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.191	1884.742	49482.64	4612.071	2423.945
Stddev	4.562	3.395	245.41	37.553	7.093
%RSD	.2465693	.1801113	.4959446	.8142234	.2926296

#1	1847.156	1881.829	49221.56	4646.781	2419.777
#2	1855.438	1888.470	49708.58	4617.223	2432.135
#3	1847.981	1883.926	49517.77	4572.208	2419.923

Sample Name: J2760-06 Acquired: 5/8/2018 22:35:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1051841	.0093797	2.182489	-.057524	.0150901	86.00768	1.651828
Stddev	.0056968	.0035295	.008683	.004462	.0016167	.48557	.000905
%RSD	5.416019	37.62909	.3978648	7.756880	10.71373	.5645665	.0547941

#1	.1037569	.0119043	2.181201	-.059118	.0135156	85.87306	1.652567
#2	.1003366	.0108882	2.174522	-.060970	.0150088	85.60362	1.650818
#3	.1114588	.0053466	2.191744	-.052484	.0167460	86.54635	1.652099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140554	.0202891	229.9970	.2727377	.0772888	.6469001	335.6961
Stddev	.0001380	.0002050	.5483	.0005717	.0006496	.0032546	3.4472
%RSD	.9816643	1.010453	.2383789	.2096032	.8405048	.5031033	1.026867

#1	.0139184	.0200758	229.5655	.2720780	.0775058	.6441369	336.4581
#2	.0140534	.0204847	230.6139	.2730870	.0765584	.6460757	331.9317
#3	.0141943	.0203067	229.8116	.2730481	.0778021	.6504875	338.6984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.83678	76.25450	.1615216	-.028435	2.806973	.3048551	7.355645
Stddev	.05933	.72742	.0010614	.000194	.120767	.0022973	.040407
%RSD	.3746249	.9539397	.6571011	.6811512	4.302380	.7535650	.5493399

#1	15.85297	76.49330	.1608415	-.028567	2.878973	.3049862	7.350547
#2	15.88633	75.43770	.1609787	-.028526	2.874397	.3024950	7.398359
#3	15.77104	76.83250	.1627446	-.028213	2.667548	.3070839	7.318028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.972388	1.267080	.3790274	.0139549	8.081476	7.872471	.1202761
Stddev	.074120	.002026	.0081632	.0002577	.015250	.060985	.0003368
%RSD	.8260914	.1598660	2.153730	1.846587	.1887080	.7746603	.2800525

#1	8.896228	1.264975	.3773590	.0136662	8.067718	7.838707	.1206650
#2	8.976651	1.267249	.3718272	.0140368	8.078837	7.835835	.1200881
#3	9.044285	1.269015	.3878959	.0141616	8.097874	7.942871	.1200753

Sample Name: J2760-06 Acquired: 5/8/2018 22:35:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.628329	.0989567	.3786920
Stddev	.003822	.0007060	.0011300
%RSD	.2347230	.7134715	.2983944

#1	1.630580	.0983134	.3793513
#2	1.623916	.0988446	.3793374
#3	1.630491	.0997120	.3773872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.483	1796.170	47561.58	4397.328	2506.626
Stddev	10.955	3.010	228.76	23.363	4.803
%RSD	.6215507	.1675518	.4809870	.5313091	.1916314

#1	1755.931	1793.213	47421.45	4401.028	2505.827
#2	1756.389	1799.230	47437.71	4418.620	2511.779
#3	1775.130	1796.066	47825.56	4372.335	2502.272

Sample Name: J2760-07 Acquired: 5/8/2018 22:39:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024522	.0182949	1.249007	-.048656	.0103134	105.8495	1.429050
Stddev	.0017573	.0029072	.007380	.003078	.0019386	.3320	.003866
%RSD	1.715200	15.89092	.5908308	6.325342	18.79650	.3136914	.2705564

#1	.1019004	.0150411	1.244242	-.050842	.0088599	105.4667	1.428664
#2	.1010370	.0192068	1.245272	-.045137	.0095659	106.0209	1.433094
#3	.1044191	.0206369	1.257508	-.049990	.0125144	106.0608	1.425390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126585	.0066572	111.6395	.3535285	.1063432	.4410603	299.8677
Stddev	.0001590	.0002039	.1067	.0055260	.0007498	.0017191	2.9275
%RSD	1.256379	3.062729	.0955626	1.563102	.7050966	.3897530	.9762628

#1	.0125994	.0066088	111.5462	.3472639	.1056744	.4392704	296.5174
#2	.0128386	.0068809	111.7558	.3556107	.1062015	.4426984	301.1531
#3	.0125375	.0064818	111.6166	.3577110	.1071538	.4412122	301.9326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.90561	48.91694	.1472933	-.026417	3.351678	.4497180	2.918242
Stddev	.10620	.56808	.0009518	.000500	.070165	.0048761	.048006
%RSD	.3805577	1.161314	.6461642	1.893330	2.093439	1.084248	1.645023

#1	27.82528	48.27014	.1463891	-.026109	3.365563	.4520998	2.863807
#2	28.02601	49.14573	.1472044	-.026148	3.275609	.4441088	2.936396
#3	27.86554	49.33496	.1482864	-.026994	3.413864	.4529454	2.954523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.963504	.5763690	.3128188	.0149574	2.949161	5.872762	.0939424
Stddev	.014749	.0028729	.0040968	.0003367	.014796	.006779	.0010898
%RSD	.2118023	.4984550	1.309634	2.251043	.5016879	.1154250	1.160042

#1	6.980104	.5746530	.3089426	.0147588	2.947452	5.866449	.0927189
#2	6.951908	.5747683	.3124084	.0147672	2.935294	5.871911	.0942994
#3	6.958500	.5796857	.3171053	.0153461	2.964737	5.879926	.0948089

Sample Name: J2760-07 Acquired: 5/8/2018 22:39:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.512598	.1499231	.3156434
Stddev	.008953	.0006595	.0008117
%RSD	.3563052	.4398927	.2571733

#1	2.503720	.1496237	.3148759
#2	2.512450	.1506792	.3164931
#3	2.521623	.1494663	.3155612

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.704	1875.359	49609.62	4511.309	2599.620
Stddev	23.276	4.207	417.19	15.810	7.455
%RSD	1.265214	.2243459	.8409517	.3504445	.2867819

#1	1866.260	1871.395	50082.03	4526.383	2606.889
#2	1830.006	1879.773	49455.11	4512.690	2599.979
#3	1822.844	1874.909	49291.72	4494.854	2591.991

Sample Name: J2760-08 Acquired: 5/8/2018 22:43:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1139674	.0097669	1.667421	-.066469	.0134439	94.89946	1.504925
Stddev	.0041046	.0061801	.000888	.004139	.0017294	.23000	.003063
%RSD	3.601594	63.27595	.0532562	6.227266	12.86402	.2423605	.2035104

#1	.1187003	.0027232	1.666400	-.061720	.0153874	95.09305	1.506633
#2	.1113813	.0122970	1.667848	-.068381	.0120747	94.96011	1.506753
#3	.1118207	.0142805	1.668015	-.069307	.0128695	94.64521	1.501389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130365	.0135334	169.7650	.2543676	.0808952	.5338714	352.1710
Stddev	.0002197	.0000735	.5035	.0033042	.0005096	.0071224	.7789
%RSD	1.685378	.5431820	.2965986	1.298969	.6299137	1.334109	.2211820

#1	.0131580	.0135657	169.8675	.2513216	.0803363	.5256610	353.0438
#2	.0131688	.0134493	170.2094	.2539009	.0810154	.5383899	351.9231
#3	.0127829	.0135852	169.2181	.2578803	.0813340	.5375633	351.5463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.72740	48.13648	.1341869	-.032157	3.678224	.3908467	4.722104
Stddev	.03246	.10537	.0005241	.000172	.163575	.0065814	.026675
%RSD	.1565805	.2189053	.3906039	.5345782	4.447127	1.683878	.5648905

#1	20.72396	48.03925	.1341465	-.032326	3.563790	.3867540	4.751602
#2	20.76143	48.12175	.1336842	-.031983	3.865577	.3873477	4.699678
#3	20.69680	48.24845	.1347301	-.032161	3.605304	.3984385	4.715033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.571857	.9133502	.4334158	.0099112	4.374330	8.156191	.0915865
Stddev	.037106	.0053498	.0035380	.0002690	.010570	.074215	.0018349
%RSD	.4900495	.5857287	.8162962	2.714038	.2416261	.9099189	2.003405

#1	7.599462	.9083695	.4374102	.0101510	4.363957	8.151677	.0936328
#2	7.586434	.9190051	.4321603	.0099623	4.385086	8.232560	.0910391
#3	7.529677	.9126762	.4306767	.0096203	4.373946	8.084336	.0900877

Sample Name: J2760-08 Acquired: 5/8/2018 22:43:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.451268	.1383483	.4015083
Stddev	.007560	.0016781	.0007767
%RSD	.2190396	1.212975	.1934534

#1	3.459295	.1394462	.4006680
#2	3.450223	.1391820	.4021999
#3	3.444285	.1364165	.4016571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1746.263	1788.462	47045.15	4379.490	2546.862
Stddev	13.970	2.825	162.47	25.623	3.616
%RSD	.8000218	.1579792	.3453471	.5850750	.1419620

#1	1732.371	1785.752	47097.98	4370.016	2550.764
#2	1760.311	1791.390	47174.64	4359.953	2543.626
#3	1746.107	1788.244	46862.85	4408.501	2546.196

Sample Name: J2760-09 Acquired: 5/8/2018 22:47:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1753351	.0068221	2.881582	-.072614	.0155132	91.16545	3.052310
Stddev	.0029041	.0019898	.001425	.005346	.0007624	.23324	.012232
%RSD	1.656308	29.16764	.0494420	7.362458	4.914598	.2558374	.4007509

#1	.1766051	.0090458	2.879943	-.066977	.0148805	91.37343	3.041102
#2	.1720123	.0062108	2.882283	-.077612	.0152995	90.91328	3.065358
#3	.1773878	.0052096	2.882521	-.073251	.0163597	91.20963	3.050470

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169724	.0178231	77.60735	.3825625	.1440733	.5809570	430.0123
Stddev	.0002534	.0001805	.11470	.0005981	.0007017	.0019872	3.8390
%RSD	1.492929	1.012701	.1477991	.1563498	.4870550	.3420591	.8927721

#1	.0172634	.0179637	77.48079	.3832377	.1434536	.5786630	434.0197
#2	.0168529	.0178860	77.70446	.3820989	.1448353	.5821511	426.3674
#3	.0168009	.0176195	77.63678	.3823508	.1439310	.5820568	429.6498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.57219	13.46757	.1485609	-.036916	2.268922	.5494076	5.630480
Stddev	.03160	.09764	.0010668	.000231	.257266	.0089627	.027577
%RSD	.2029333	.7249791	.7181120	.6259494	11.33868	1.631335	.4897735

#1	15.60867	13.58023	.1494670	-.036879	2.052646	.5565132	5.620975
#2	15.55332	13.41483	.1488306	-.037164	2.200696	.5393385	5.661552
#3	15.55457	13.40764	.1473851	-.036706	2.553424	.5523710	5.608914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.225942	2.307328	.4331877	.0161161	6.646997	3.341460	.1972089
Stddev	.088073	.006511	.0087885	.0004740	.010769	.050376	.0018788
%RSD	1.414607	.2821918	2.028791	2.940835	.1620154	1.507591	.9526699

#1	6.232014	2.307209	.4415817	.0155932	6.646064	3.398614	.1951487
#2	6.310821	2.313898	.4240518	.0162375	6.658201	3.322252	.1988275
#3	6.134990	2.300878	.4339298	.0165175	6.636724	3.303515	.1976507

Sample Name: J2760-09 Acquired: 5/8/2018 22:47:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASC9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.082641	.1069165	.7169951
Stddev	.007975	.0009865	.0007956
%RSD	.7365955	.9226406	.1109566

#1	1.091823	.1079858	.7165605
#2	1.077451	.1060420	.7179133
#3	1.078648	.1067218	.7165115

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.404	1866.214	49269.53	4502.959	2648.469
Stddev	7.581	1.337	161.92	23.168	5.280
%RSD	.4155114	.0716566	.3286420	.5145089	.1993746

#1	1833.150	1864.746	49232.63	4477.067	2646.669
#2	1819.719	1866.531	49446.72	4521.731	2644.324
#3	1820.344	1867.364	49129.25	4510.080	2654.414

Sample Name: J2760-10 Acquired: 5/8/2018 22:51:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1088914	.0834954	.8448117	-.102833	.0173628	112.9547
Stddev	.0038550	.0019404	.0054090	.004956	.0009112	.1685
%RSD	3.540182	2.324001	.6402640	4.819419	5.248257	.1492051

#1	.1087110	.0856114	.8408295	-.099248	.0163114	112.7878
#2	.1051297	.0830756	.8426357	-.100762	.0179231	113.1249
#3	.1128333	.0817993	.8509698	-.108489	.0178540	112.9513

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.447665	.0172881	.0105095	16.31367	.4817282	.2919659
Stddev	.004060	.0002104	.0001715	.12815	.0021381	.0006825
%RSD	.1177570	1.217058	1.631889	.7855529	.4438411	.2337549

#1	3.445095	.0172665	.0103317	16.23225	.4801143	.2918223
#2	3.445553	.0170893	.0106739	16.46139	.4809170	.2927088
#3	3.452345	.0175084	.0105231	16.24738	.4841531	.2913666

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0960216	631.1067	F 81.27366	7.003183	.1879989	-.057856
Stddev	.0043711	1.3325	.07950	.132346	.0005414	.000712
%RSD	4.552161	.2111343	.0978199	1.889797	.2879601	1.231283

#1	.0913626	629.9122	81.35015	6.853824	.1873774	-.058002
#2	.0966701	632.5438	81.19146	7.105868	.1882517	-.057082
#3	.1000322	630.8640	81.27936	7.049857	.1883677	-.058485

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.307621	.8571361	1.085093	1.934326	.5582505	.5690030
Stddev	.248818	.0105021	.007831	.040491	.0014852	.0048060
%RSD	10.78246	1.225258	.7217047	2.093306	.2660464	.8446343

#1	2.444862	.8510019	1.080741	1.901482	.5593444	.5652896
#2	2.457597	.8692626	1.094134	1.921930	.5588473	.5672882
#3	2.020405	.8511437	1.080405	1.979567	.5565597	.5744312

Sample Name: J2760-10 Acquired: 5/8/2018 22:51:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASD0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098835	1.200310	3.556139	.0322265	.7822022	.0781684
Stddev	.0001501	.010628	.017044	.0007371	.0081368	.0005535
%RSD	1.518734	.8854040	.4792743	2.287181	1.040245	.7080484

#1	.0097280	1.190786	3.565622	.0313847	.7731354	.0779324
#2	.0098947	1.198370	3.566332	.0327557	.7846022	.0777720
#3	.0100276	1.211774	3.536463	.0325392	.7888692	.0788007

Elem	Sr4077
Units	ppm
Avg	.1837397
Stddev	.0000737
%RSD	.0401213

#1	.1838173
#2	.1837313
#3	.1836706

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.818	1909.020	50053.48	4509.365	2647.932
Stddev	7.770	5.498	69.19	25.789	1.223
%RSD	.4164374	.2879809	.1382256	.5718993	.0461863

#1	1865.686	1912.597	50044.17	4503.218	2648.711
#2	1858.114	1911.774	49989.42	4487.205	2648.562
#3	1873.652	1902.690	50126.85	4537.672	2646.522

Sample Name: J2760-11 Acquired: 5/8/2018 22:55:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1655580	.0377370	1.125086	-.089655	.0157198	102.6368
Stddev	.0066560	.0013799	.005715	.002070	.0018853	.4752
%RSD	4.020341	3.656637	.5079981	2.308566	11.99289	.4629557

#1	.1651486	.0383742	1.127483	-.088643	.0164255	103.1080
#2	.1724092	.0386832	1.118562	-.092036	.0135835	102.6447
#3	.1591161	.0361537	1.129212	-.088286	.0171504	102.1578

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.025768	.0167339	.0099208	105.6006	.4256661	.2888736
Stddev	.005596	.0001110	.0000429	.3828	.0051584	.0013567
%RSD	.1849571	.6632309	.4321102	.3625074	1.211846	.4696528

#1	3.019457	.0166480	.0098995	105.1595	.4222415	.2903908
#2	3.027721	.0166946	.0098928	105.8451	.4231578	.2877772
#3	3.030127	.0168592	.0099702	105.7973	.4315990	.2884526

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1754767	519.3436	F 42.33530	11.98199	.0970291	-.046861
Stddev	.0068818	4.4127	.08604	.14520	.0007428	.000216
%RSD	3.921771	.8496664	.2032296	1.211808	.7655514	.4613451

#1	.1821690	524.3040	42.23761	12.14557	.0967017	-.047047
#2	.1684199	517.8722	42.39979	11.86836	.0965062	-.046624
#3	.1758413	515.8547	42.36851	11.93203	.0978793	-.046911

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.320926	.7267712	2.111203	2.687329	.7761799	.4669595
Stddev	.122136	.0065898	.017918	.023586	.0026873	.0068007
%RSD	5.262375	.9067220	.8487131	.8776702	.3462200	1.456373

#1	2.187718	.7302832	2.112048	2.688920	.7790242	.4746650
#2	2.347420	.7308611	2.092877	2.710078	.7736835	.4617959
#3	2.427640	.7191693	2.128683	2.662987	.7758322	.4644177

Sample Name: J2760-11 Acquired: 5/8/2018 22:55:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASD1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172965	2.217045	5.108238	.0452324	1.086301	.0947686
Stddev	.0003153	.011707	.057581	.0007010	.020221	.0028891
%RSD	1.822652	.5280331	1.127215	1.549680	1.861441	3.048582

#1	.0175976	2.230553	5.163180	.0450337	1.109633	.0939063
#2	.0169688	2.209854	5.048339	.0446522	1.075411	.0979906
#3	.0173232	2.210727	5.113195	.0460112	1.073859	.0924088

Elem	Sr4077
Units	ppm
Avg	.3833123
Stddev	.0006797
%RSD	.1773133

#1	.3826536
#2	.3840112
#3	.3832722

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.990	1819.061	47883.37	4405.262	2590.692
Stddev	12.143	5.364	393.59	31.462	5.760
%RSD	.6833359	.2948587	.8219768	.7141888	.2223354

#1	1788.678	1820.948	48239.42	4383.665	2588.083
#2	1777.853	1823.227	47949.96	4390.762	2597.294
#3	1764.438	1813.009	47460.73	4441.360	2586.697

Sample Name: J2760-12 Acquired: 5/8/2018 22:59:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470367	.0350439	1.055697	-.080326	.0082846	18.68919
Stddev	.0014735	.0013466	.003367	.009063	.0013902	.07822
%RSD	3.132575	3.842520	.3189705	11.28325	16.78066	.4185338

#1	.0472136	.0365770	1.053257	-.071902	.0079502	18.74379
#2	.0454828	.0345017	1.054294	-.079159	.0070921	18.59958
#3	.0484137	.0340528	1.059538	-.089916	.0098115	18.72421

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.205240	.0033875	.0048195	9.880318	3.800100	.4398885
Stddev	.009542	.0001921	.0000533	.084644	.009399	.0010007
%RSD	.2976957	5.670150	1.106103	.8566918	.2473396	.2274799

#1	3.195272	.0034049	.0047704	9.861359	3.807294	.4395397
#2	3.214289	.0031873	.0048119	9.972834	3.803541	.4391089
#3	3.206160	.0035703	.0048762	9.806761	3.789465	.4410168

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.235799	439.1274	F 47.30831	696.8045	F 8.392955	-.040717
Stddev	.013168	2.1923	.11481	4.6097	.022413	.000449
%RSD	.5889580	.4992493	.2426769	.6615550	.2670465	1.103527

#1	2.224190	441.1132	47.18385	701.6779	8.398194	-.040213
#2	2.233099	436.7748	47.33100	692.5138	8.368386	-.040863
#3	2.250107	439.4943	47.41008	696.2217	8.412284	-.041075

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.369673	.0911617	2.378851	1.850297	.2603075	.4089803
Stddev	.105088	.0107064	.015501	.072898	.0018750	.0062530
%RSD	4.434707	11.74446	.6516015	3.939776	.7202844	1.528927

#1	2.266839	.0881213	2.394378	1.867838	.2613507	.4089746
#2	2.365302	.0823042	2.363377	1.770230	.2581430	.4027302
#3	2.476879	.1030595	2.378800	1.912824	.2614289	.4152362

Sample Name: J2760-12 Acquired: 5/8/2018 22:59:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.030371	1.139337	12.88144	.0701684	.3017442	.0439319
Stddev	.015721	.014878	.08556	.0016321	.0042739	.0006599
%RSD	.7742850	1.305826	.6642261	2.325969	1.416399	1.502179

#1	2.019496	1.122492	12.78856	.0686162	.3011496	.0440009
#2	2.023221	1.150678	12.95706	.0700189	.2977988	.0432401
#3	2.048396	1.144842	12.89869	.0718701	.3062843	.0445545

Elem	Sr4077
Units	ppm
Avg	.1256150
Stddev	.0003825
%RSD	.3045096

#1	.1253159
#2	.1254831
#3	.1260460

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.300	1522.913	40950.01	3827.596	2434.733
Stddev	9.169	20.993	120.89	2.922	23.418
%RSD	.6083226	1.378480	.2952174	.0763449	.9618135

#1	1499.002	1539.151	40906.00	3830.727	2449.643
#2	1517.144	1530.382	41086.74	3827.122	2446.814
#3	1505.753	1499.207	40857.29	3824.940	2407.742

Sample Name: J2760-13 Acquired: 5/8/2018 23:03:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2168671	.0014072	3.156200	-.044601	.0960460	94.21191	1.625991
Stddev	.0039748	.0009396	.015510	.002957	.0041705	.31367	.004264
%RSD	1.832839	66.77122	.4913999	6.628852	4.342225	.3329422	.2622178

#1	.2157621	.0015338	3.142075	-.041251	.0943838	94.54427	1.621068
#2	.2212776	.0004107	3.153729	-.046846	.0929628	94.17040	1.628484
#3	.2135618	.0022771	3.172797	-.045706	.1007913	93.92106	1.628422

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109215	.0204714	261.2174	.3354986	.0791006	15.49239	258.0837
Stddev	.0001268	.0002001	.5638	.0022004	.0003170	.03758	1.1958
%RSD	1.161329	.9772664	.2158470	.6558673	.4007357	.2425480	.4633383

#1	.0110606	.0203164	261.0115	.3367683	.0789177	15.52187	259.3937
#2	.0108917	.0204005	260.7854	.3367698	.0789175	15.45008	257.0507
#3	.0108123	.0206972	261.8552	.3329578	.0794666	15.50523	257.8066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.64393	129.0872	.1632917	-.021644	2.030685	.3195967	9.047707
Stddev	.04114	.4768	.0011527	.000175	.073557	.0042690	.026199
%RSD	.3864799	.3693899	.7058879	.8073713	3.622262	1.335753	.2895612

#1	10.64901	129.6020	.1637425	-.021813	1.946967	.3187358	9.063533
#2	10.60049	128.6606	.1619817	-.021464	2.060133	.3242305	9.017466
#3	10.68229	128.9991	.1641507	-.021656	2.084956	.3158237	9.062121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.166504	1.325546	.2604411	.0154529	8.335682	4.729006	.1200029
Stddev	.060213	.004282	.0055387	.0000924	.025876	.033444	.0029912
%RSD	1.165444	.3230435	2.126669	.5976873	.3104197	.7072120	2.492616

#1	5.236032	1.326716	.2643480	.0154043	8.324934	4.758243	.1172530
#2	5.131742	1.320800	.2541025	.0155594	8.316913	4.736237	.1195678
#3	5.131739	1.329121	.2628728	.0153949	8.365200	4.692538	.1231878

Sample Name: J2760-13 Acquired: 5/8/2018 23:03:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASE3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8170663	.0812243	.2758416
Stddev	.0037213	.0017436	.0003942
%RSD	.4554501	2.146651	.1429131

#1	.8211881	.0818068	.2757472
#2	.8160571	.0792640	.2762745
#3	.8139536	.0826020	.2755033

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1686.199	1724.723	45865.32	4299.830	2486.356
Stddev	5.030	4.279	48.06	14.336	6.390
%RSD	.2982901	.2480911	.1047925	.3334043	.2569964

#1	1691.196	1727.521	45896.30	4283.948	2490.920
#2	1686.265	1726.850	45889.70	4311.814	2489.095
#3	1681.137	1719.797	45809.95	4303.728	2479.053

Sample Name: J2760-14 Acquired: 5/8/2018 23:07:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466253	.0135450	.3017914	-.075097	.0122512	97.71442	1.601006
Stddev	.0049293	.0093997	.0011575	.010840	.0006470	10.43408	.172466
%RSD	10.57215	69.39562	.3835373	14.43471	5.281092	10.67814	10.77238

#1	.0466363	.0241706	.3006016	-.062611	.0118712	109.7498	1.799850
#2	.0515491	.0101495	.3018591	-.082106	.0118842	92.1782	1.511100
#3	.0416905	.0063150	.3029136	-.080573	.0129983	91.2152	1.492068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192043	-.000064	5.657128	.3070024	.1661582	.0005932	519.5720
Stddev	.0014413	.001997	.693581	.0059394	.0008259	.0068397	54.5098
%RSD	7.504810	3097.481	12.26030	1.934645	.4970694	1153.041	10.49129

#1	.0208650	-.002370	6.452992	.3002202	.1663694	.0073916	582.4882
#2	.0184668	.001024	5.336692	.3095110	.1652472	.0006749	489.6894
#3	.0182810	.001152	5.181701	.3112758	.1668580	-.006287	486.5385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.41551	8.085848	.0599708	-.041509	1.963158	.7074316	.0874646
Stddev	1.75143	.840961	.0007892	.002051	.210532	.0759657	.0143689
%RSD	10.66935	10.40041	1.315970	4.940610	10.72415	10.73824	16.42825

#1	18.43454	9.056855	.0593400	-.039201	2.158084	.7951491	.0708732
#2	15.50665	7.609043	.0597167	-.043123	1.739891	.6634735	.0958568
#3	15.30533	7.591647	.0608558	-.042202	1.991499	.6636721	.0956638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6318963	.1276553	.4666152	.0022603	.5065317	5.436910	.0027755
Stddev	.1094813	.0009417	.0623175	.0001329	.0101827	.542102	.0000634
%RSD	17.32583	.7377174	13.35523	5.880145	2.010275	9.970780	2.285125

#1	.7545814	.1277471	.5382805	.0021419	.4950042	6.062635	.0028431
#2	.5969621	.1266710	.4363979	.0022349	.5102897	5.109004	.0027173
#3	.5441452	.1285478	.4251671	.0024040	.5143014	5.139092	.0027660

Sample Name: J2760-14 Acquired: 5/8/2018 23:07:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASE4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5359702	.0208467	.0386829
Stddev	.0528749	.0015668	.0042496
%RSD	9.865258	7.515837	10.98569

#1	.5969239	.0223201	.0435782
#2	.5085324	.0210192	.0365279
#3	.5024543	.0192008	.0359426

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.813	1912.122	50002.78	4200.695	2709.060
Stddev	10.437	1.553	67.40	352.275	3.882
%RSD	.5572972	.0812302	.1347850	8.386117	.1432995

#1	1860.942	1910.379	49936.40	3794.498	2706.163
#2	1876.946	1913.358	50000.80	4385.064	2713.471
#3	1880.550	1912.631	50071.15	4422.524	2707.547

Sample Name: J2760-15 Acquired: 5/8/2018 23:11:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1392039	.0102622	1.299308	-.062079	.0098368	75.01069	1.803564
Stddev	.0011371	.0042422	.003243	.002739	.0037631	.26161	.000631
%RSD	.8168474	41.33830	.2496033	4.411826	38.25522	.3487582	.0349680

#1	.1404830	.0067836	1.295661	-.060552	.0135276	74.71211	1.803463
#2	.1388212	.0149883	1.301866	-.065241	.0099775	75.12028	1.802990
#3	.1383076	.0090148	1.300398	-.060445	.0060054	75.19968	1.804239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126050	.0087369	182.8175	.2278632	.1375943	.3989673	341.0754
Stddev	.0001723	.0000637	.2301	.0006001	.0003699	.0019102	2.3382
%RSD	1.366917	.7287514	.1258760	.2633430	.2688020	.4787904	.6855483

#1	.0127982	.0088063	182.9041	.2279422	.1371872	.4010968	338.3791
#2	.0124673	.0087233	182.9917	.2272276	.1376860	.3974047	342.5456
#3	.0125494	.0086811	182.5566	.2284199	.1379097	.3984005	342.3015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.02522	105.9449	.2396289	-.031828	1.603252	.3904085	1.853150
Stddev	.01562	.7720	.0007365	.000342	.261451	.0037184	.010533
%RSD	.0821052	.7286920	.3073438	1.073231	16.30753	.9524251	.5683886

#1	19.03507	105.0559	.2389693	-.032047	1.889336	.3879797	1.862589
#2	19.00721	106.3316	.2394939	-.031435	1.543718	.3946891	1.841788
#3	19.03338	106.4471	.2404236	-.032003	1.376703	.3885567	1.855073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.625415	.3495454	.3036358	.0089998	4.298542	4.375927	.0344073
Stddev	.045547	.0005484	.0070566	.0005159	.013719	.057473	.0016794
%RSD	1.734835	.1568823	2.324028	5.731840	.3191554	1.313393	4.880852

#1	2.676010	.3498152	.2966831	.0088905	4.313649	4.435224	.0348783
#2	2.587685	.3489144	.3107918	.0095616	4.286860	4.372087	.0358009
#3	2.612550	.3499066	.3034325	.0085474	4.295117	4.320470	.0325428

Sample Name: J2760-15 Acquired: 5/8/2018 23:11:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5309684	.0649316	.1868488
Stddev	.0065904	.0000679	.0005739
%RSD	1.241195	.1046533	.3071236

#1	.5302409	.0649496	.1861862
#2	.5378923	.0649886	.1871809
#3	.5247720	.0648564	.1871793

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.661	1770.453	46845.91	4304.759	2524.127
Stddev	7.322	9.953	66.65	7.341	9.539
%RSD	.4218717	.5621767	.1422856	.1705223	.3779222

#1	1734.291	1777.865	46918.51	4313.148	2532.612
#2	1743.572	1774.354	46831.75	4301.615	2525.967
#3	1729.121	1759.141	46787.47	4299.515	2513.802

Sample Name: J2760-16 Acquired: 5/8/2018 23:15:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1364422	.0158383	1.296712	-.062272	.0109027	76.96923	1.904167
Stddev	.0009872	.0031007	.003966	.005129	.0016967	1.23220	.027647
%RSD	.7235615	19.57720	.3058710	8.236443	15.56202	1.600902	1.451907

#1	.1374963	.0165764	1.294386	-.058381	.0122242	78.39141	1.936082
#2	.1355392	.0185034	1.294459	-.060350	.0089893	76.22081	1.888867
#3	.1362913	.0124352	1.301292	-.068084	.0114945	76.29549	1.887552

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125879	.0085158	166.6446	.2239392	.1467639	.4045841	338.5358
Stddev	.0003193	.0001990	2.5134	.0003555	.0010611	.0074734	6.0119
%RSD	2.536394	2.336638	1.508215	.1587311	.7230090	1.847173	1.775849

#1	.0128907	.0083399	169.5467	.2235574	.1455388	.4131850	345.3732
#2	.0122543	.0084758	165.2145	.2242606	.1473965	.3996757	334.0779
#3	.0126186	.0087318	165.1726	.2239995	.1473563	.4008916	336.1562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.16497	97.58251	.2277522	-.030630	1.612939	.3902022	1.858678
Stddev	.32373	2.10270	.0030532	.001037	.275671	.0145699	.005280
%RSD	1.529557	2.154796	1.340560	3.384538	17.09123	3.733934	.2840740

#1	21.53821	100.0016	.2258072	-.029490	1.338732	.4070073	1.852891
#2	20.96045	96.1930	.2261783	-.030886	1.890052	.3824870	1.859909
#3	20.99625	96.5529	.2312712	-.031516	1.610034	.3811123	1.863233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.616765	.3470273	.3059036	.0086837	4.071974	4.291590	.0349258
Stddev	.050244	.0017386	.0055255	.0003252	.040617	.056970	.0016646
%RSD	1.920071	.5010030	1.806301	3.744760	.9974649	1.327489	4.766149

#1	2.668054	.3459999	.3088954	.0086765	4.047531	4.356281	.0341668
#2	2.614605	.3460473	.2995273	.0090125	4.049530	4.269584	.0337760
#3	2.567636	.3490347	.3092881	.0083622	4.118859	4.248905	.0368346

Sample Name: J2760-16 Acquired: 5/8/2018 23:15:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASE5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5240637	.0666940	.1798361
Stddev	.0152435	.0018401	.0025564
%RSD	2.908711	2.759047	1.421513

#1	.5364871	.0688103	.1827797
#2	.5070535	.0654711	.1785552
#3	.5286506	.0658007	.1781734

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.784	1791.918	46994.62	4290.145	2557.811
Stddev	7.554	6.274	267.49	60.875	6.855
%RSD	.4356895	.3501063	.5691982	1.418949	.2680064

#1	1727.243	1785.060	46699.07	4220.970	2552.661
#2	1732.057	1797.368	47064.69	4313.923	2565.592
#3	1742.052	1793.326	47220.10	4335.542	2555.181

Sample Name: J2760-17 Acquired: 5/8/2018 23:19:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2031423	.1119877	1.316161	.0283310	.1800900	77.05276	5.464564
Stddev	.0024033	.0050386	.007680	.0015452	.0015034	.37083	.012745
%RSD	1.183039	4.499274	.5835140	5.454190	.8348002	.4812707	.2332336

#1	.2057474	.1176543	1.310384	.0285306	.1783729	76.87734	5.450981
#2	.2010116	.1080120	1.313223	.0266956	.1811695	77.47875	5.476262
#3	.2026680	.1102969	1.324876	.0297667	.1807276	76.80218	5.466449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1012022	.1091013	175.6286	.5789400	1.157521	.8480823	334.8156
Stddev	.0007977	.0006059	.0753	.0028120	.003461	.0030455	2.2704
%RSD	.7882104	.5553436	.0428756	.4857119	.2990370	.3591059	.6780973

#1	.1004207	.1084859	175.5551	.5757312	1.154152	.8450171	333.2759
#2	.1020152	.1091208	175.6250	.5801140	1.157344	.8481220	337.4230
#3	.1011708	.1096972	175.7056	.5809747	1.161068	.8511077	333.7478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.03624	101.7833	1.250457	.0590388	1.619024	1.290786	2.757952
Stddev	.06983	.4334	.005541	.0002943	.193697	.006407	.007636
%RSD	.3485141	.4258109	.4431158	.4984769	11.96379	.4963475	.2768560

#1	20.10459	101.5167	1.246622	.0588772	1.829905	1.288234	2.763449
#2	20.03911	102.2834	1.247939	.0593786	1.449045	1.298075	2.761174
#3	19.96502	101.5499	1.256809	.0588608	1.578122	1.286048	2.749234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.566254	.3569791	.2952473	.0087668	4.199923	4.350223	.0355423
Stddev	.026554	.0017273	.0060036	.0003959	.031456	.074122	.0001844
%RSD	1.034750	.4838543	2.033416	4.515422	.7489571	1.703864	.5188294

#1	2.545596	.3549880	.2906306	.0084682	4.174081	4.315535	.0357232
#2	2.596206	.3578742	.3020342	.0086164	4.190739	4.435328	.0353546
#3	2.556961	.3580751	.2930771	.0092158	4.234948	4.299805	.0355492

Sample Name: J2760-17 Acquired: 5/8/2018 23:19:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5175649	.0655158	.1809603
Stddev	.0136068	.0011155	.0007774
%RSD	2.629006	1.702574	.4295927

#1	.5181709	.0661240	.1809127
#2	.5308586	.0642285	.1817604
#3	.5036652	.0661950	.1802078

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.577	1772.206	47005.69	4317.604	2532.315
Stddev	6.739	4.412	97.87	21.531	6.464
%RSD	.3883037	.2489436	.2082078	.4986876	.2552417

#1	1727.959	1773.472	46986.25	4327.919	2534.273
#2	1738.011	1775.846	46918.99	4292.856	2537.573
#3	1740.761	1767.299	47111.82	4332.038	2525.098

Sample Name: J2760-15LX5 Acquired: 5/8/2018 23:23:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0333354	.0039382	.2431520	-.011899	.0030159	15.18855	.3764965
Stddev	.0031586	.0018786	.0024831	.004667	.0005850	.07759	.0004365
%RSD	9.475348	47.70304	1.021207	39.21800	19.39617	.5108653	.1159350

#1	.0310353	.0050076	.2422813	-.012760	.0031488	15.16366	.3768296
#2	.0320341	.0017690	.2459531	-.006862	.0023759	15.27554	.3766576
#3	.0369368	.0050380	.2412215	-.016075	.0035230	15.12646	.3760024

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027847	.0012872	35.61211	.0480351	.0255225	.0782158	71.52534
Stddev	.0000708	.0000368	.17425	.0003376	.0003771	.0025320	.75880
%RSD	2.542658	2.861846	.4892878	.7027465	1.477448	3.237183	1.060876

#1	.0028247	.0012702	35.46625	.0477320	.0254498	.0801335	71.04539
#2	.0028265	.0012620	35.80506	.0479744	.0259306	.0791681	72.40014
#3	.0027030	.0013295	35.56502	.0483989	.0251870	.0753457	71.13050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.231240	20.55122	.0437000	-.006100	.4364416	.0824356	.3733865
Stddev	.027764	.26355	.0008054	.000150	.4148201	.0036600	.0035426
%RSD	.6561774	1.282424	1.842904	2.460616	95.04596	4.439775	.9487854

#1	4.220627	20.34480	.0428505	-.006180	.4619211	.0783091	.3760996
#2	4.262745	20.84809	.0437969	-.005927	.8379346	.0852890	.3746813
#3	4.210347	20.46076	.0444524	-.006193	.0094690	.0837089	.3693786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4664887	.0630736	.0648767	.0015108	.7283753	.9524986	.0052529
Stddev	.0432023	.0004455	.0020139	.0003972	.0097748	.0036535	.0000988
%RSD	9.261163	.7062471	3.104135	26.28892	1.341997	.3835744	1.880254

#1	.4282295	.0627295	.0631754	.0017820	.7321522	.9482802	.0051969
#2	.4578943	.0629144	.0671002	.0010549	.7172755	.9546580	.0051949
#3	.5133422	.0635768	.0643544	.0016956	.7356980	.9545574	.0053670

Sample Name: J2760-15LX5 Acquired: 5/8/2018 23:23:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASE5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1099912	.0136782	.0368761
Stddev	.0005225	.0003453	.0003055
%RSD	.4750282	2.524115	.8284882

#1	.1105441	.0140131	.0366510
#2	.1095057	.0136979	.0372239
#3	.1099239	.0133235	.0367533

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1652.772	1684.552	44001.47	3916.167	2755.018
Stddev	11.611	4.505	204.43	30.182	4.925
%RSD	.7025124	.2674413	.4646067	.7706945	.1787592

#1	1642.761	1682.730	43777.48	3916.900	2753.403
#2	1650.055	1681.244	44178.00	3885.625	2751.103
#3	1665.501	1689.683	44048.92	3945.975	2760.547

Sample Name: J2760-18 Acquired: 5/8/2018 23:27:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1760729	.0049470	3.854917	-.051056	.0204655	100.5845	3.636176
Stddev	.0039797	.0034640	.013993	.001904	.0012446	.4096	.012016
%RSD	2.260277	70.02242	.3630032	3.730164	6.081593	.4072347	.3304692

#1	.1795805	.0062736	3.850712	-.052475	.0196439	100.9866	3.648369
#2	.1768903	.0010158	3.870531	-.051802	.0198552	100.5992	3.635815
#3	.1717480	.0075518	3.843508	-.048892	.0218975	100.1677	3.624344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172391	.0235777	231.9136	.3654625	.1226309	.7239749	320.3436
Stddev	.0002011	.0002076	.7818	.0004906	.0005794	.0010516	1.3660
%RSD	1.166724	.8806777	.3370950	.1342305	.4724641	.1452557	.4264319

#1	.0174711	.0233672	232.8152	.3652284	.1219719	.7245924	321.6657
#2	.0171321	.0235837	231.4240	.3651328	.1230604	.7245715	320.4278
#3	.0171140	.0237823	231.5016	.3660263	.1228603	.7227606	318.9375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.00907	44.63575	.2167160	-.027148	2.564569	.3954682	6.606979
Stddev	.02759	.44559	.0007924	.000451	.291063	.0078994	.022710
%RSD	.1838152	.9982742	.3656499	1.662746	11.34941	1.997470	.3437327

#1	15.03660	45.12985	.2166703	-.026664	2.821686	.3870505	6.595110
#2	14.98142	44.51301	.2159474	-.027222	2.623456	.4027195	6.592662
#3	15.00920	44.26441	.2175302	-.027558	2.248564	.3966348	6.633164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32580	1.460583	.3670485	.0139196	10.11553	6.541090	.1259056
Stddev	.09554	.002811	.0033170	.0005990	.02416	.065695	.0008456
%RSD	.9252853	.1924696	.9037031	4.303228	.2388362	1.004350	.6716220

#1	10.42296	1.458589	.3706940	.0140959	10.11641	6.614368	.1249465
#2	10.32248	1.463798	.3662435	.0144106	10.13924	6.487464	.1262265
#3	10.23196	1.459362	.3642081	.0132522	10.09094	6.521436	.1265437

Sample Name: J2760-18 Acquired: 5/8/2018 23:27:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASE6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.073883	.1056685	.5939430
Stddev	.010047	.0008611	.0018592
%RSD	.9356135	.8149530	.3130279

#1	1.065524	.1061115	.5950737
#2	1.071094	.1062180	.5949580
#3	1.085030	.1046760	.5917972

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.853	1888.072	49717.59	4615.200	2531.309
Stddev	7.456	4.343	61.91	26.213	9.137
%RSD	.4041739	.2300152	.1245300	.5679792	.3609660

#1	1853.295	1889.738	49773.38	4585.785	2535.971
#2	1839.165	1883.143	49650.98	4636.087	2520.781
#3	1842.100	1891.336	49728.42	4623.729	2537.174

Sample Name: CCV056 Acquired: 5/8/2018 23:31:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.903149	4.986643	24.71529	4.852120	4.900302	406.7923
Stddev	.135166	.138484	.69944	.132860	.143095	.5950
%RSD	2.756723	2.777089	2.829993	2.738182	2.920128	.1462622

#1	4.783581	4.865190	24.10126	4.738187	4.786976	406.7812
#2	5.049810	5.137451	25.47666	4.998059	5.061100	406.2030
#3	4.876057	4.957288	24.56794	4.820114	4.852830	407.3928

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.978317	.5030174	2.514597	403.5571	14.91356	2.512313
Stddev	.032188	.0028112	.068453	1.1216	.03420	.067164
%RSD	.3225804	.5588617	2.722220	.2779182	.2293324	2.673400

#1	10.00856	.5059587	2.454706	404.3746	14.91348	2.453314
#2	9.94448	.5003575	2.589215	402.2785	14.94780	2.585405
#3	9.98191	.5027360	2.499871	404.0182	14.87939	2.498219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85539	415.0188	14.86512	403.8978	2.489957	1.238034
Stddev	.00456	1.4733	.02764	1.3424	.068819	.008074
%RSD	.0306689	.3550020	.1859265	.3323616	2.763855	.6521551

#1	14.85041	413.3493	14.88810	402.3658	2.431452	1.235823
#2	14.85638	415.5701	14.83445	404.8681	2.565781	1.246984
#3	14.85936	416.1369	14.87280	404.4594	2.472639	1.231297

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.5788	2.471093	15.40751	155.5260	F 6.336081	5.158980
Stddev	.3708	.030549	.17868	.6950	.165197	.025864
%RSD	.0909769	1.236236	1.159722	.4468564	2.607246	.5013348

#1	407.9402	2.437812	15.33455	156.2531	6.182998	5.172745
#2	407.5969	2.497856	15.61113	154.8683	6.511184	5.129145
#3	407.1993	2.477612	15.27685	155.4567	6.314062	5.175051

Sample Name: CCV056 Acquired: 5/8/2018 23:31:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.881836	5.204129	4.886076	5.011064	4.942362	4.970876
Stddev	.139421	.138975	.048896	.136889	.023677	.005287
%RSD	2.855903	2.670477	1.000722	2.731739	.4790687	.1063632

#1	4.767123	5.081550	4.927912	4.893014	4.917486	4.973016
#2	5.037012	5.355112	4.832323	5.161121	4.944977	4.964854
#3	4.841373	5.175726	4.897994	4.979056	4.964623	4.974757

Elem	Sr4077
Units	ppm
Avg	5.033973
Stddev	.011839
%RSD	.2351740

#1	5.046398
#2	5.022824
#3	5.032699

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.226	1360.145	37415.44	3599.642	2135.538
Stddev	11.557	33.359	118.59	31.844	50.505
%RSD	.8534352	2.452612	.3169562	.8846374	2.364974

#1	1359.768	1385.711	37278.62	3563.771	2177.786
#2	1340.941	1322.410	37488.79	3624.575	2079.599
#3	1361.968	1372.314	37478.90	3610.581	2149.229

Sample Name: CCB056 Acquired: 5/8/2018 23:35:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042406	-.001274	.0000867	-.001193	.0000219	.0113562	.0019741
Stddev	.0025036	.002113	.0006235	.001058	.0027289	.0069801	.0005642
%RSD	59.03877	165.7865	719.4410	88.68664	12480.95	61.46504	28.58065

#1	.0071269	-.001149	.0003353	-.002184	.0014743	.0055684	.0021957
#2	.0029389	-.003447	-.000623	-.001315	.0017173	.0191079	.0023939
#3	.0026561	.000773	.000548	-.000079	-.003126	.0093924	.0013328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000605	-.000085	.0182854	.0002754	.0001344	.0002524	.0145745
Stddev	.0000633	.000037	.0178856	.0002159	.0000551	.0028138	.0217247
%RSD	104.6867	44.03423	97.81333	78.42093	40.96590	1114.845	149.0595

#1	.0001336	-.000072	-.002335	.0003724	.0000734	.0027003	.0156867
#2	.0000239	-.000055	.029594	.0004258	.0001804	-.002822	-.007685
#3	.0000240	-.000127	.027597	.0000279	.0001495	.000879	.035722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000584	.0525640	.0006038	.0002451	.2278753	-.000163	.0002505
Stddev	.000422	.0324046	.0001672	.0002274	.1401623	.001474	.0005178
%RSD	72.28272	61.64791	27.68321	92.78490	61.50836	906.0065	206.7153

#1	-.000327	.0207069	.0007956	.0000131	.0790380	.001486	-.000184
#2	-.001071	.0514955	.0004884	.0002546	.3573491	-.000622	.000113
#3	-.000354	.0854897	.0005276	.0004676	.2472387	-.001352	.000823

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608911	.0003437	.0069662	.0001199	-.016783	.0001598	-.001015
Stddev	.0705831	.0001630	.0006906	.0001845	.001025	.0016074	.000364
%RSD	115.9169	47.42449	9.914189	153.9188	6.108907	1005.621	35.82481

#1	.0950699	.0005164	.0074405	.0003295	-.016300	-.001633	-.000789
#2	-.020275	.0001925	.0061738	.0000484	-.017960	.001472	-.001435
#3	.107879	.0003222	.0072842	-.000018	-.016087	.000640	-.000822

Sample Name: CCB056 Acquired: 5/8/2018 23:35:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v512) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006865	.0025458	.0000905
Stddev	.0015953	.0003195	.0000480
%RSD	232.3996	12.54944	53.07008

#1	.0008053	.0023812	.0001175
#2	-.000965	.0029141	.0000351
#3	.002219	.0023422	.0001190

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1640.114	1664.590	43649.01	3850.667	2858.789
Stddev	8.791	6.464	143.57	36.708	13.251
%RSD	.5360008	.3883027	.3289250	.9532998	.4635179

#1	1644.092	1661.193	43797.96	3892.900	2853.168
#2	1646.212	1672.044	43637.57	3832.675	2873.924
#3	1630.037	1660.534	43511.50	3826.425	2849.274