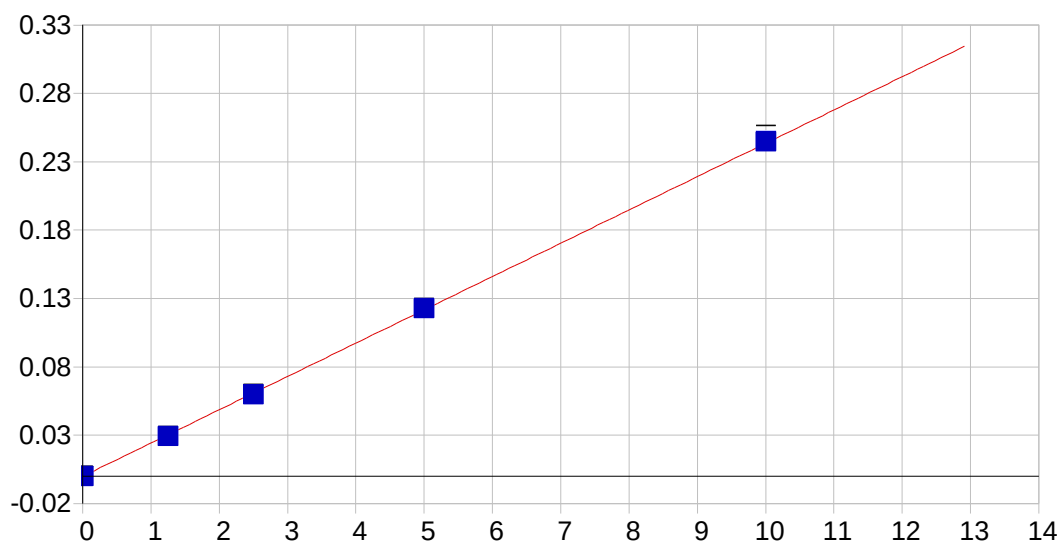


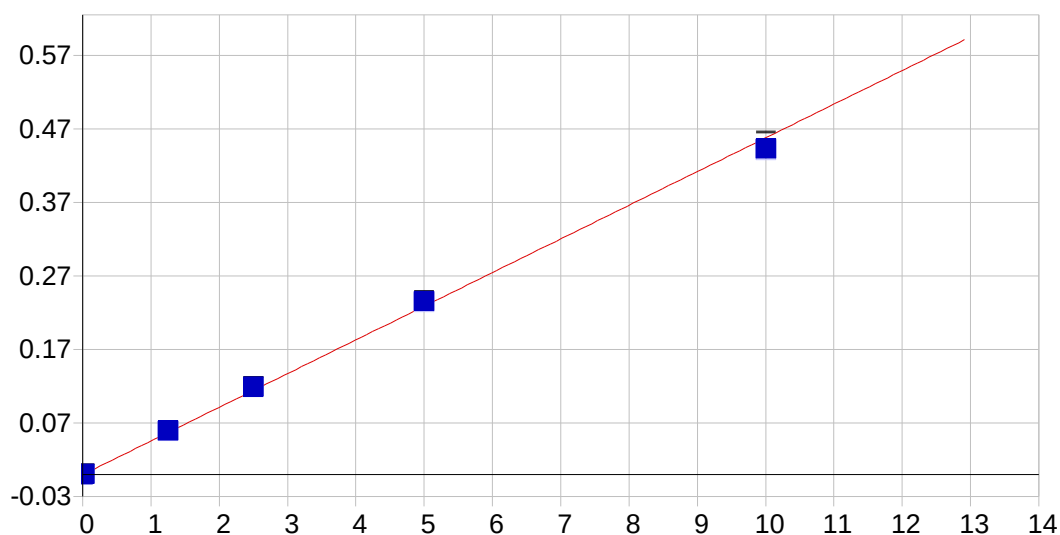


As 189.042 {479}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000049 Re-Slope: 1.000000
 A1 (Gain): 0.024356 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.004541
 Predicted MQL: 0.015137

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01000	.01028	.000	2.82	.00020	.000	1
S2	1.2500	1.2012	-.049	-3.90	.02928	.000	1
S3	2.5000	2.4512	-.049	-1.95	.05980	.000	1
S4	5.0000	5.0428	.043	.855	.12306	.000	1
S5	10.000	10.055	.055	.545	.24542	.004	1

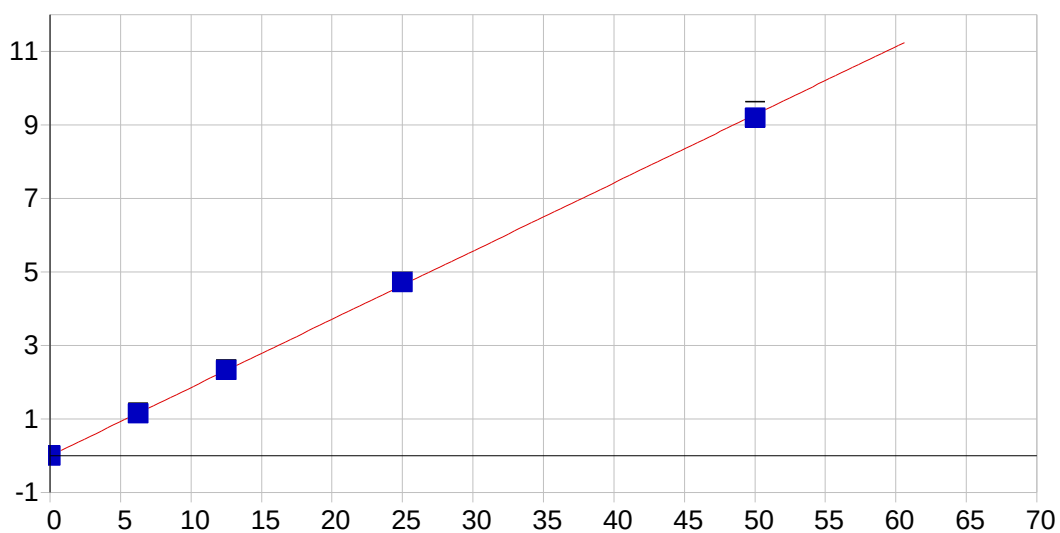


TI 190.856 {477}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000308 Re-Slope: 1.000000
 A1 (Gain): 0.045801 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999412 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.002458
 Predicted MQL: 0.008195

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.02500	.02538	.000	1.53	.00084	.000	1
S2	1.2500	1.3046	.055	4.37	.05910	.000	1
S3	2.5000	2.6088	.109	4.35	.11849	.000	1
S4	5.0000	5.1527	.153	3.05	.23431	.001	1
S5	10.000	9.6834	-.317	-3.17	.44044	.010	1

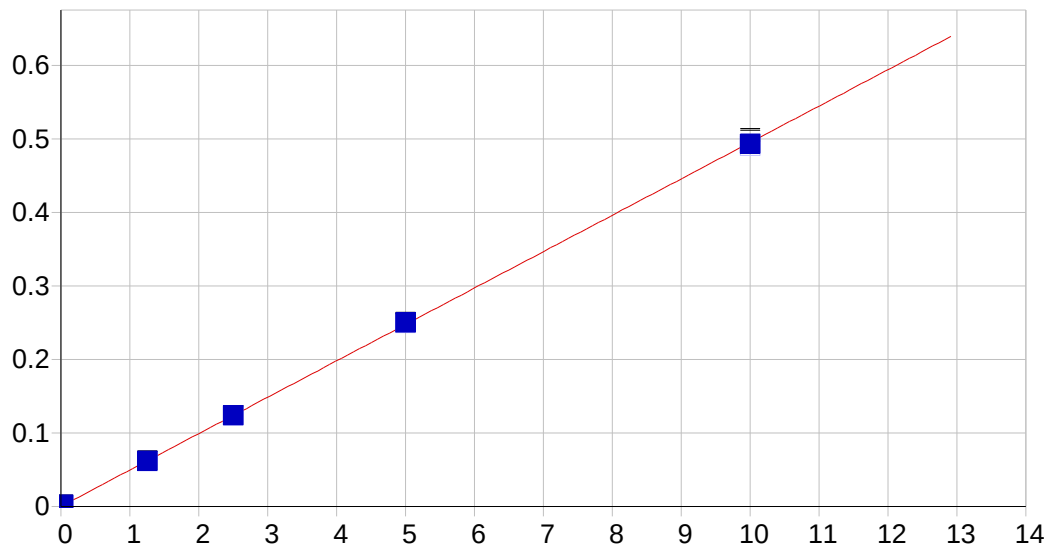


Pb 220.353 {453}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000123 Re-Slope: 1.000000
 A1 (Gain): 0.185567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.001602
 Predicted MQL: 0.005340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.00984	.000	-1.58	.00171	.000	1
S2	6.2500	6.2177	-.032	-.516	1.1555	.004	1
S3	12.500	12.568	.068	.548	2.3358	.005	1
S4	25.000	25.457	.457	1.83	4.7311	.005	1
S5	50.000	49.507	-.493	-.986	9.2013	.175	1



Date of Fit: 3/22/2018 16:26:04

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000080

Re-Slope: 1.000000

A1 (Gain): 0.049482

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

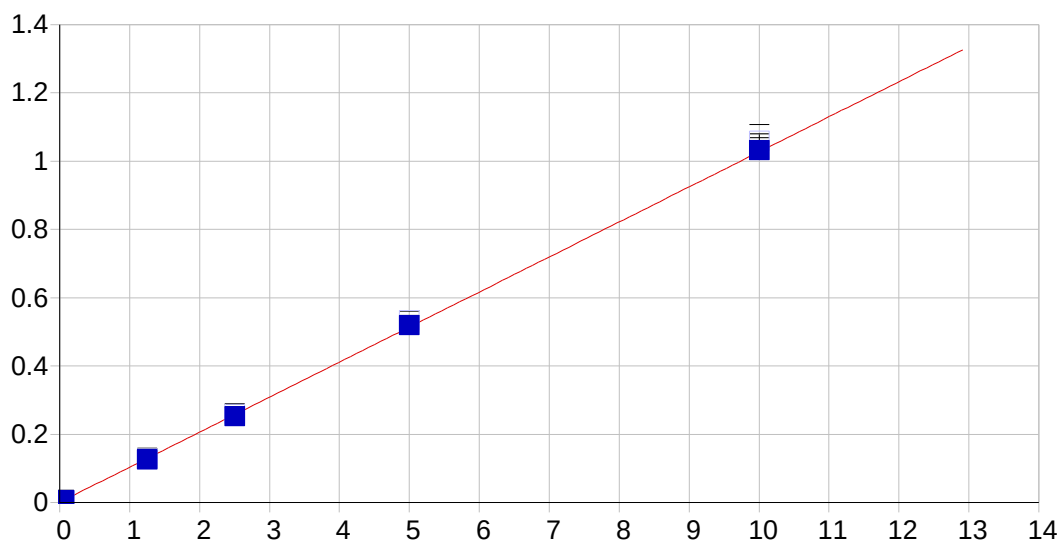
Status: OK.

Std Error of Est: 0.000011

Predicted MDL: 0.003481

Predicted MQL: 0.011603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.03500	.03806	.003	8.76	.00196	.000	1
S2	1.2500	1.2457	-.004	-.341	.06143	.000	1
S3	2.5000	2.4952	-.005	-.193	.12297	.000	1
S4	5.0000	5.0505	.050	1.01	.24883	.001	1
S5	10.000	9.9556	-.044	-.444	.49038	.008	1

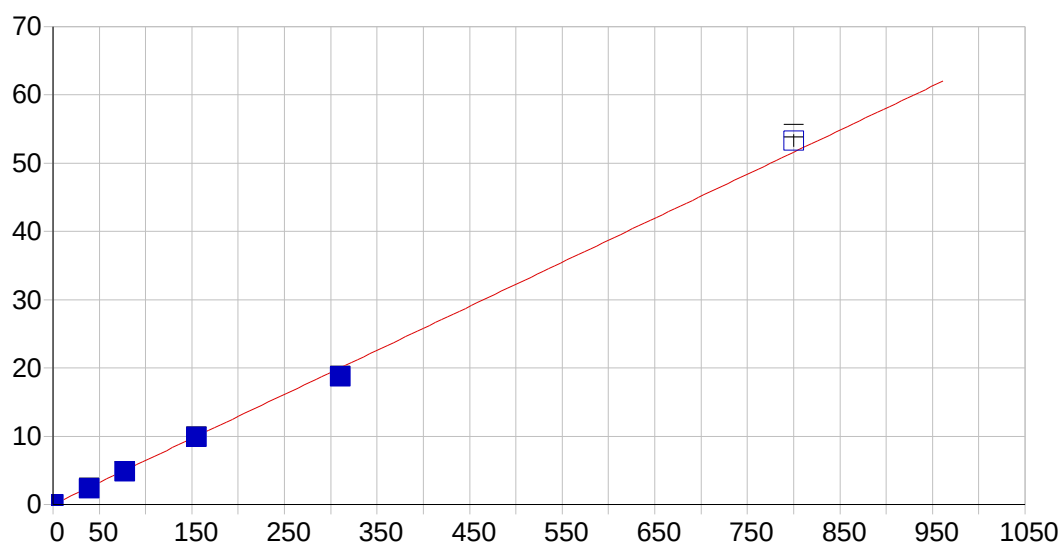


Sb 206.833 {463}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000611 Re-Slope: 1.000000
 A1 (Gain): 0.102681 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.001865
 Predicted MQL: 0.006217

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.06000	.05733	-.003	-4.45	.00650	.000	1
S2	1.2500	1.2154	-.035	-2.77	.12890	.001	1
S3	2.5000	2.4498	-.050	-2.01	.25915	.001	1
S4	5.0000	5.0485	.049	.970	.53298	.001	1
S5	10.000	10.039	.039	.389	1.0594	.019	1

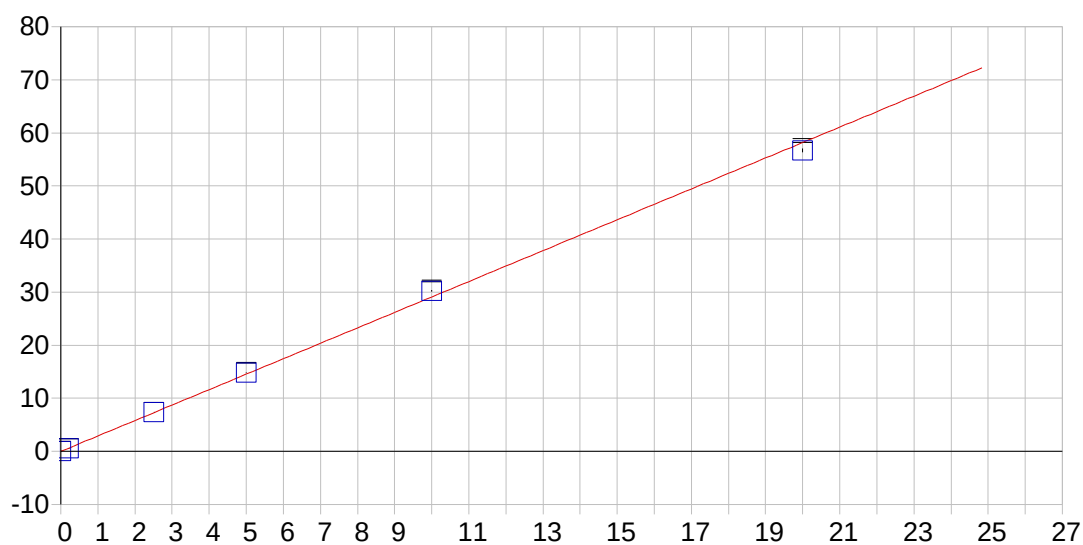


AI 396.152 { 85}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000914 Re-Slope: 1.000000
 A1 (Gain): 0.064516 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999166 Status: OK.
 Std Error of Est: 0.001640
 Predicted MDL: 0.011544
 Predicted MQL: 0.038479

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00092	.000	1
S1	.20000	.18249	-.018	-8.75	.01271	.001	1
S2	38.750	36.733	-2.02	-5.21	2.3731	.004	1
S3	77.500	74.328	-3.17	-4.09	4.8010	.014	1
S4	155.00	153.17	-1.83	-1.18	9.8922	.010	1
S5	310.00	290.80	-19.2	-6.20	18.781	.058	1
S6	800.00	826.27	26.3	3.28	53.309	.899	1

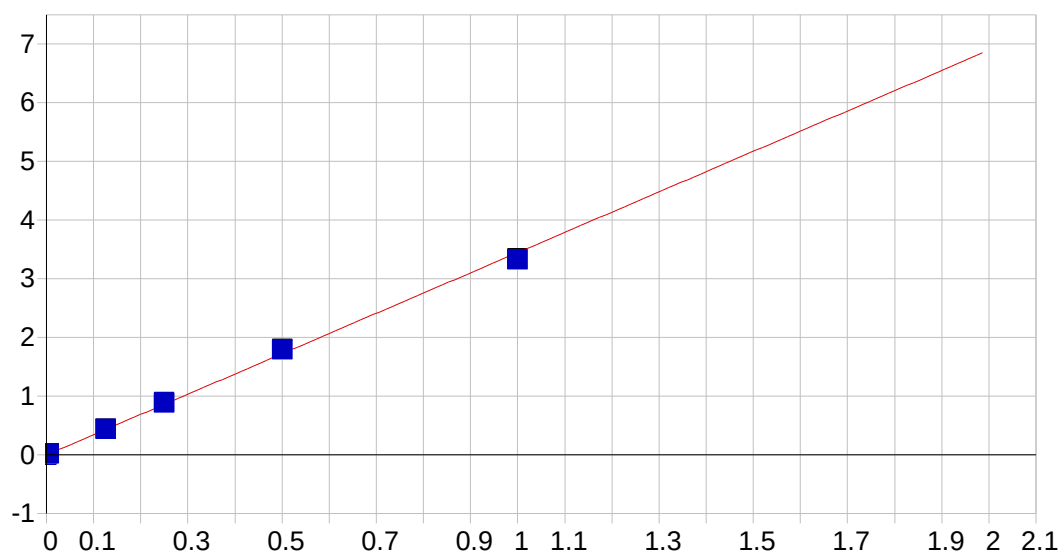


Ba 493.409 { 68}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003294 Re-Slope: 1.000000
 A1 (Gain): 2.909411 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999587 Status: OK.
 Std Error of Est: 0.008886
 Predicted MDL: 0.000678
 Predicted MQL: 0.002260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00331	.001	1
S1	.20000	.19653	-.003	-1.74	.56849	.001	1
S2	2.5000	2.5326	.033	1.30	7.3650	.009	1
S3	5.0000	5.0994	.099	1.99	14.833	.023	1
S4	10.000	10.390	.390	3.90	30.226	.141	1
S5	20.000	19.481	-.519	-2.59	56.676	.384	1

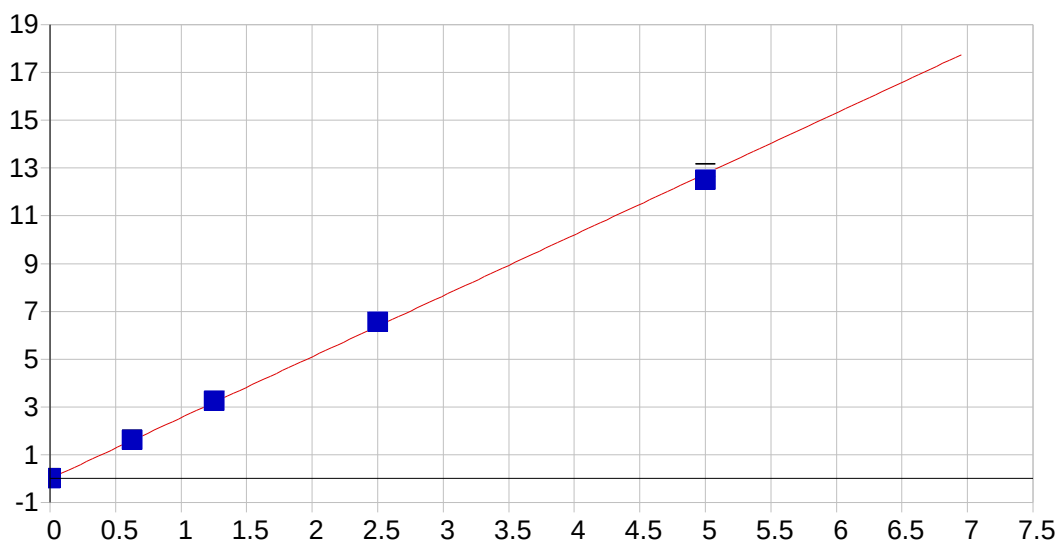


Be 234.861 {144}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001932 Re-Slope: 1.000000
 A1 (Gain): 3.449497 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999365 Status: OK.
 Std Error of Est: 0.000460
 Predicted MDL: 0.000098
 Predicted MQL: 0.000327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00193	.000	1
S1	.00500	.00518	.000	3.67	.01593	.000	1
S2	.12500	.12845	.003	2.76	.43926	.000	1
S3	.25000	.25790	.008	3.16	.88394	.006	1
S4	.50000	.52152	.022	4.30	1.7895	.006	1
S5	1.0000	.96695	-.033	-3.31	3.3185	.018	1

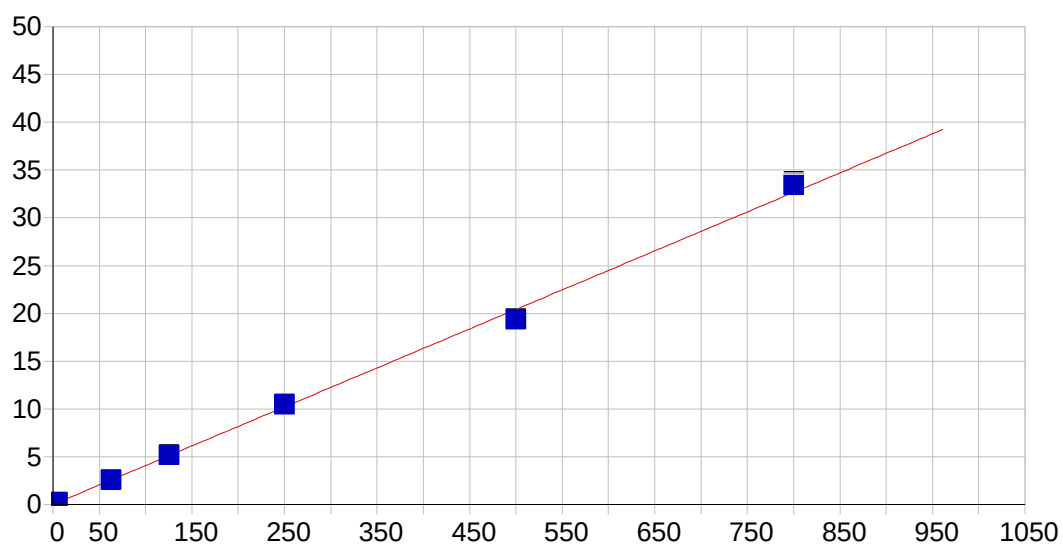


Cd 214.438 {457}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000268 Re-Slope: 1.000000
 A1 (Gain): 2.551188 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999748 Status: OK.
 Std Error of Est: 0.000481
 Predicted MDL: 0.000083
 Predicted MQL: 0.000275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.00500	.00489	.000	-2.12	.01223	.000	1
S2	.62500	.63165	.007	1.06	1.6145	.006	1
S3	1.2500	1.2769	.027	2.15	3.2639	.011	1
S4	2.5000	2.5700	.070	2.80	6.5694	.009	1
S5	5.0000	4.8966	-.103	-2.07	12.518	.269	1

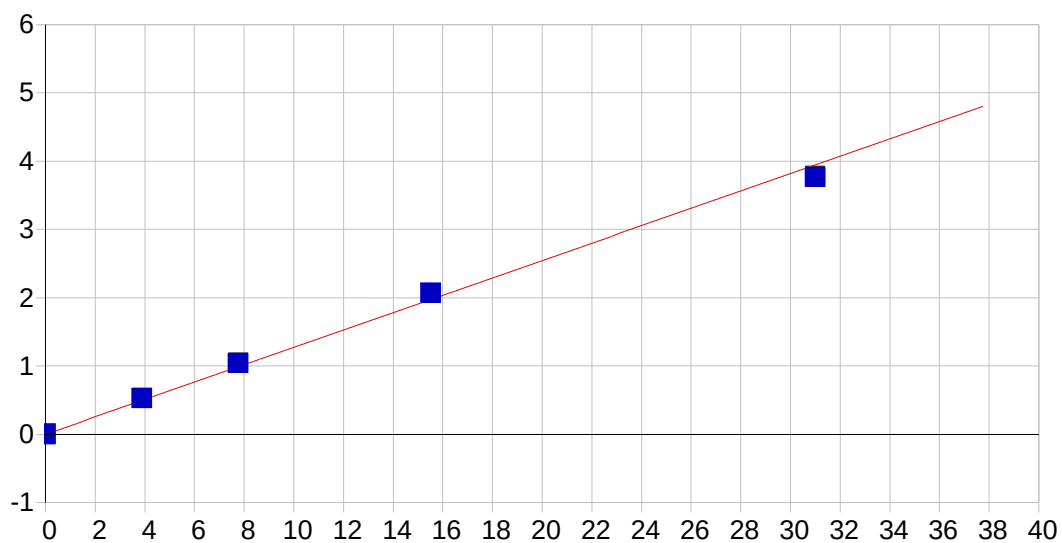


Ca 373.690 { 90}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002102 Re-Slope: 1.000000
 A1 (Gain): 0.040825 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999449 Status: OK.
 Std Error of Est: 0.004752
 Predicted MDL: 0.017258
 Predicted MQL: 0.057528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	.000	.000	.00210	.000	1
S1	5.0000	5.0039	.004	.077	.20641	.001	1
S2	62.500	63.310	.810	1.30	2.5958	.012	1
S3	125.00	126.45	1.45	1.16	5.1824	.020	1
S4	250.00	256.06	6.06	2.42	10.492	.015	1
S5	500.00	473.85	-26.2	-5.23	19.419	.032	1
S6	800.00	817.79	17.8	2.22	33.582	.228	1

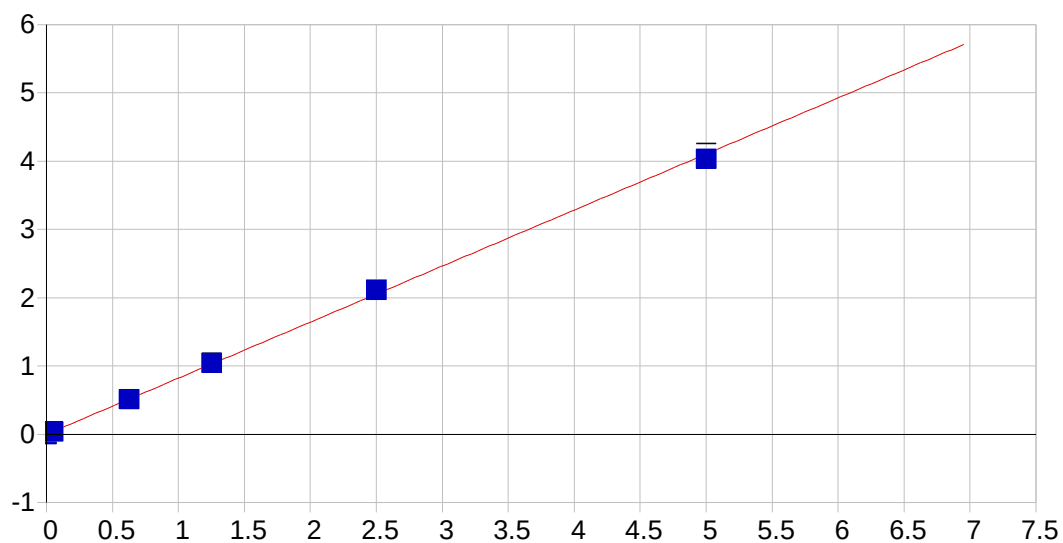


Cr 267.716 {126}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.127273 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998779 Status: OK.
 Std Error of Est: 0.000186
 Predicted MDL: 0.000640
 Predicted MQL: 0.002134

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01000	.01062	.001	6.20	.00130	.000	1
S2	3.8750	4.1110	.236	6.09	.52404	.000	1
S3	7.7500	8.1680	.418	5.39	1.0413	.002	1
S4	15.500	16.281	.781	5.04	2.0756	.005	1
S5	31.000	29.564	-1.44	-4.63	3.7697	.010	1



Co 228.616 {448}

Date of Fit: 3/22/2018 16:26:04

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000287

Re-Slope: 1.000000

A1 (Gain): 0.821216

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999780

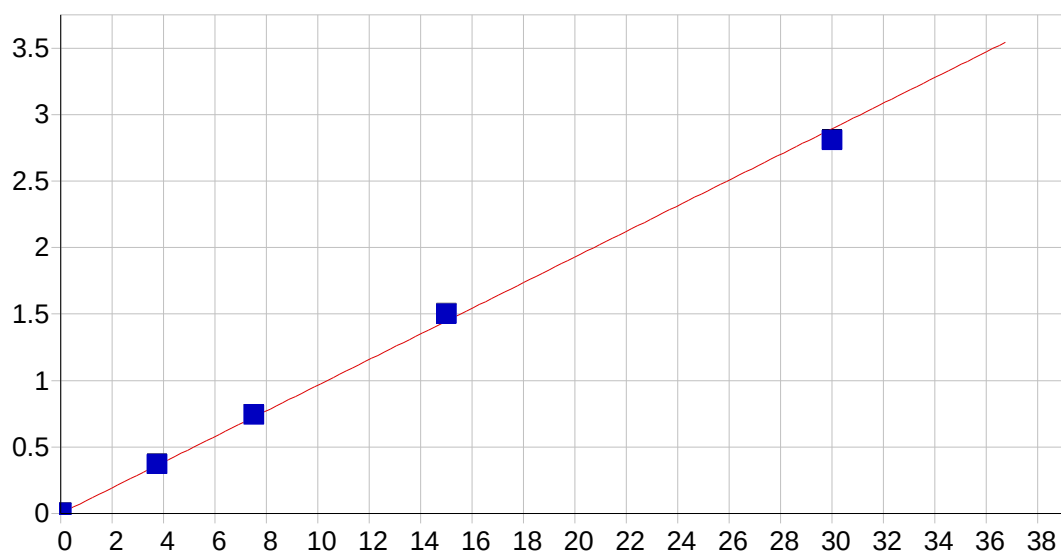
Status: OK.

Std Error of Est: 0.000458

Predicted MDL: 0.000254

Predicted MQL: 0.000845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.05000	.04697	-.003	-6.06	.03844	.000	1
S2	.62500	.62372	-.001	-.204	.51294	.001	1
S3	1.2500	1.2677	.018	1.41	1.0428	.002	1
S4	2.5000	2.5740	.074	2.96	2.1176	.004	1
S5	5.0000	4.9126	-.087	-1.75	4.0422	.080	1

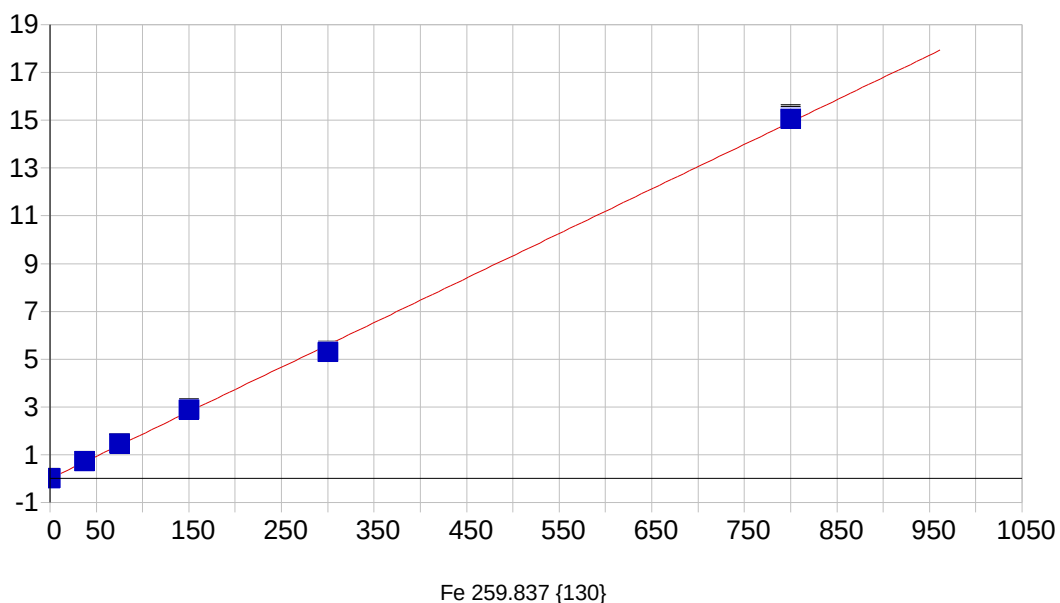


Cu 324.754 {104}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000480 Re-Slope: 1.000000
 A1 (Gain): 0.096411 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999513 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.003578
 Predicted MQL: 0.011927

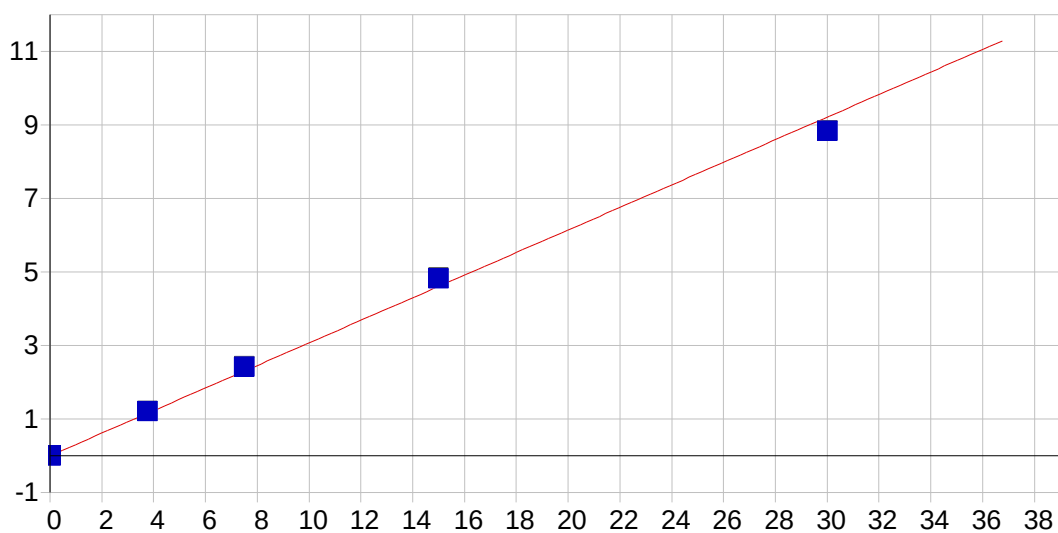
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.02500	.02495	.000	-.191	.00288	.000	1
S2	3.7500	3.8396	.090	2.39	.37044	.000	1
S3	7.5000	7.7076	.208	2.77	.74313	.001	1
S4	15.000	15.572	.572	3.81	1.5009	.004	1
S5	30.000	29.131	-.869	-2.90	2.8073	.005	1



Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.018654 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999552 Status: OK.
 Std Error of Est: 0.000245
 Predicted MDL: 0.010843
 Predicted MQL: 0.036144

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.09860	-.001	-1.40	.00189	.000	1
S2	37.500	38.955	1.46	3.88	.73043	.003	1
S3	75.000	77.597	2.60	3.46	1.4550	.005	1
S4	150.00	154.70	4.70	3.14	2.9008	.019	1
S5	300.00	283.83	-16.2	-5.39	5.3245	.007	1
S6	800.00	807.42	7.42	.928	15.129	.114	1

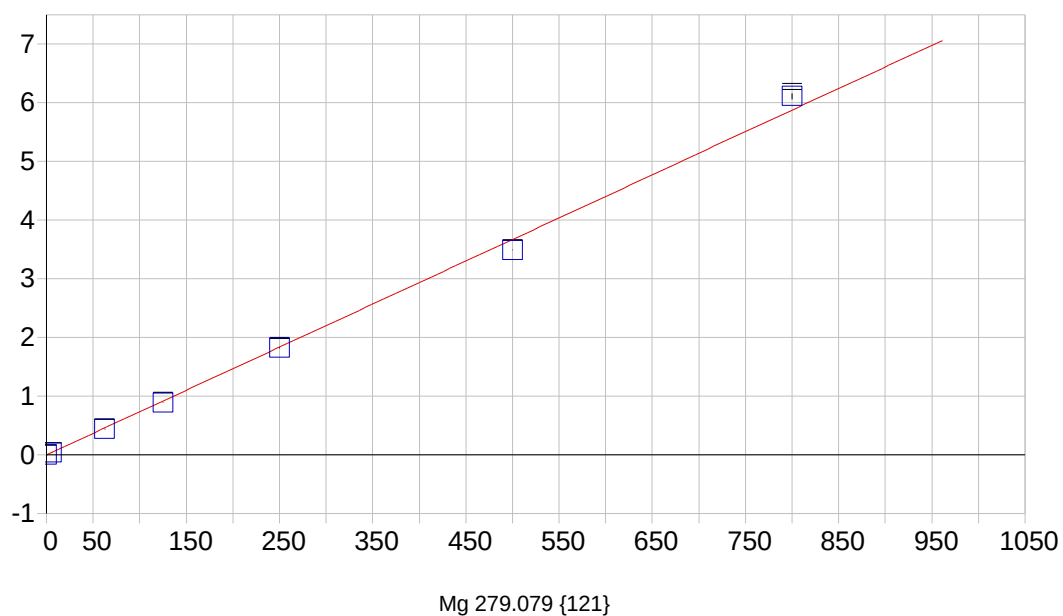


Mn 257.610 {131}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.307107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999042 Status: OK.
 Std Error of Est: 0.000478
 Predicted MDL: 0.000660
 Predicted MQL: 0.002201

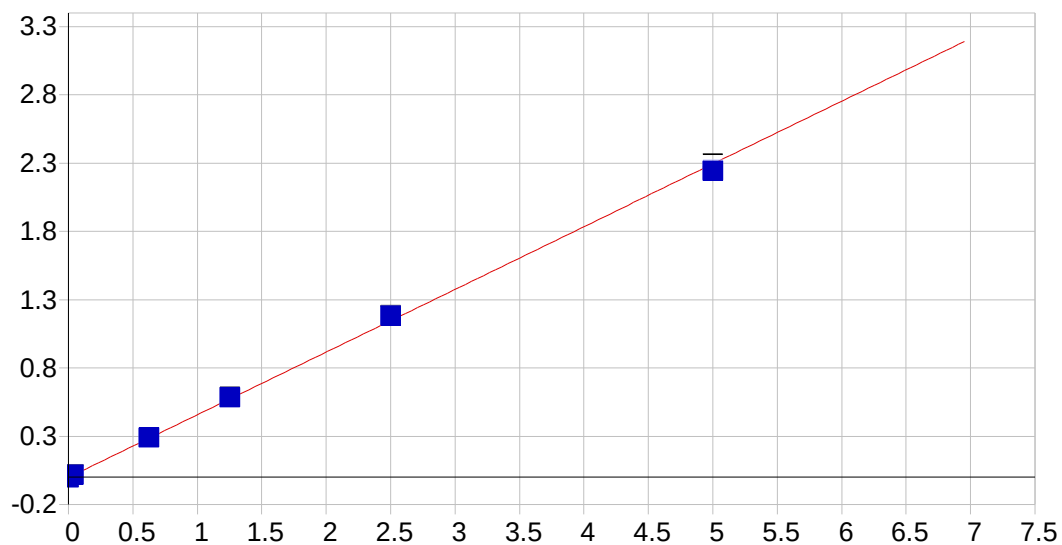
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01500	.01559	.001	3.95	.00480	.000	1
S2	3.7500	3.9410	.191	5.09	1.2106	.004	1
S3	7.5000	7.8498	.350	4.66	2.4113	.015	1
S4	15.000	15.688	.688	4.59	4.8189	.015	1
S5	30.000	28.771	-1.23	-4.10	8.8378	.005	1



Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000167 Re-Slope: 1.000000
 A1 (Gain): 0.007344 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999218 Status: OK.
 Std Error of Est: 0.001015
 Predicted MDL: 0.033196
 Predicted MQL: 0.110652

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00069	.001	.000	-.00016	.000	1
S1	5.0000	4.7121	-.288	-5.76	.03444	.001	1
S2	62.500	60.109	-2.39	-3.83	.44128	.001	1
S3	125.00	121.49	-3.51	-2.81	.89207	.003	1
S4	250.00	248.43	-1.57	-.628	1.8244	.012	1
S5	500.00	475.44	-24.6	-4.91	3.4915	.002	1
S6	800.00	832.32	32.3	4.04	6.1126	.051	1

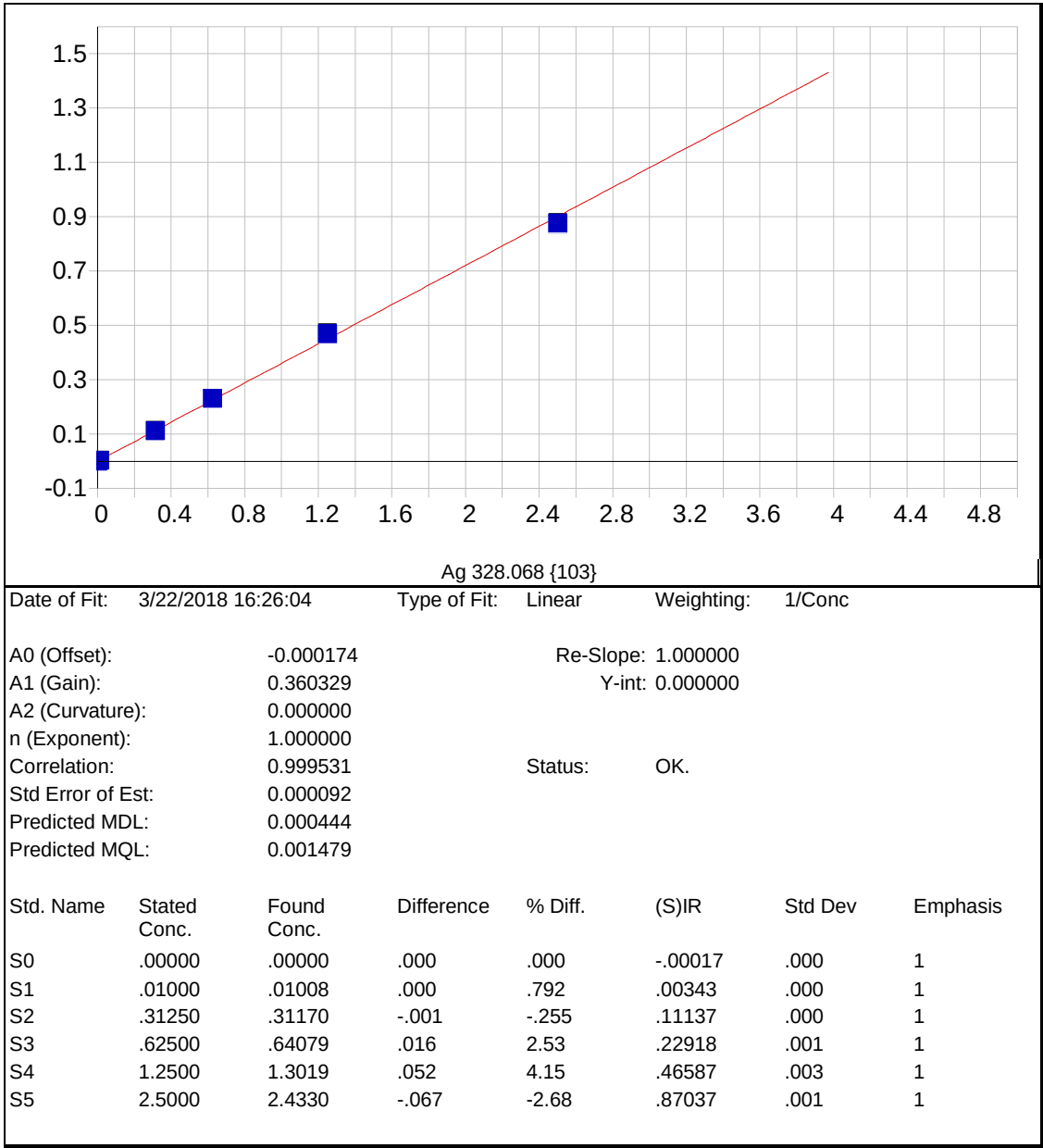


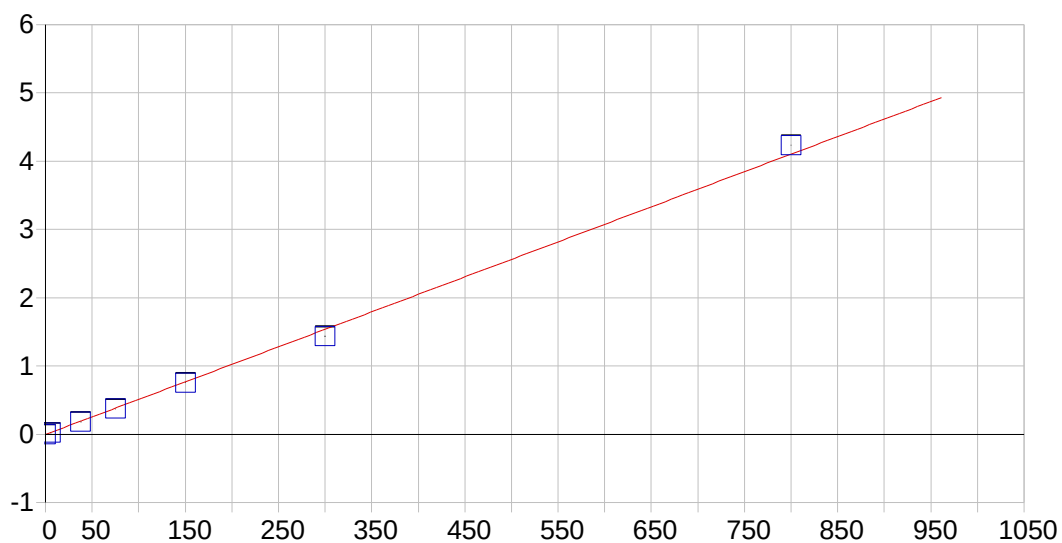
Ni 231.604 {446}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001294 Re-Slope: 1.000000
 A1 (Gain): 0.459113 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999723 Status: OK.
 Std Error of Est: 0.000257
 Predicted MDL: 0.000463
 Predicted MQL: 0.001545

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00129	.000	1
S1	.04000	.03960	.000	-.997	.01690	.000	1
S2	.62500	.63312	.008	1.30	.28997	.001	1
S3	1.2500	1.2766	.027	2.13	.58599	.002	1
S4	2.5000	2.5742	.074	2.97	1.1829	.002	1
S5	5.0000	4.8914	-.109	-2.17	2.2491	.045	1



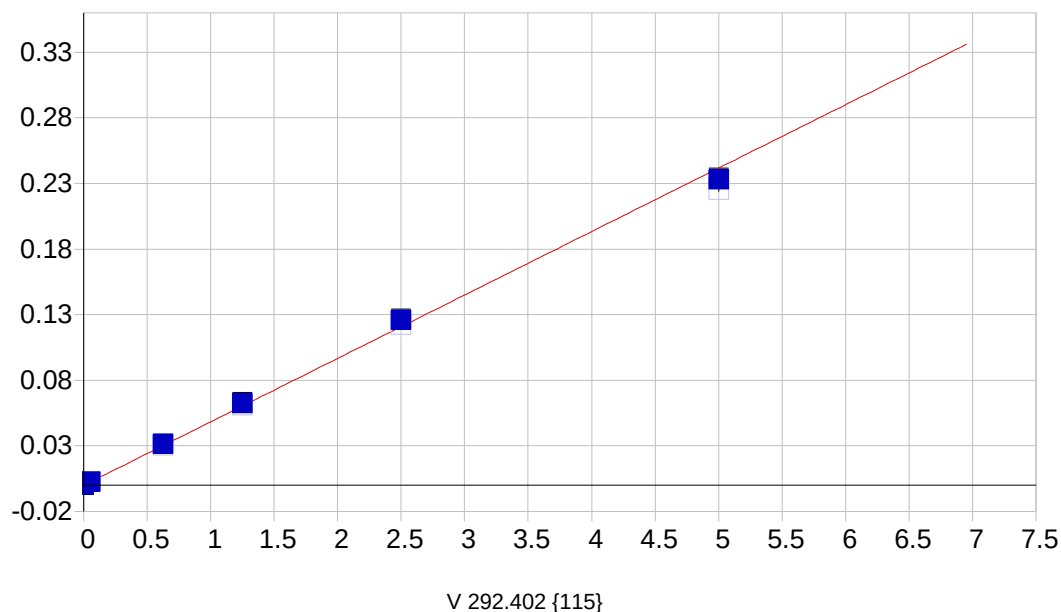


Na 818.326 { 41}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002630 Re-Slope: 1.000000
 A1 (Gain): 0.005131 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999149 Status: OK.
 Std Error of Est: 0.000655
 Predicted MDL: 0.303479
 Predicted MQL: 1.011596

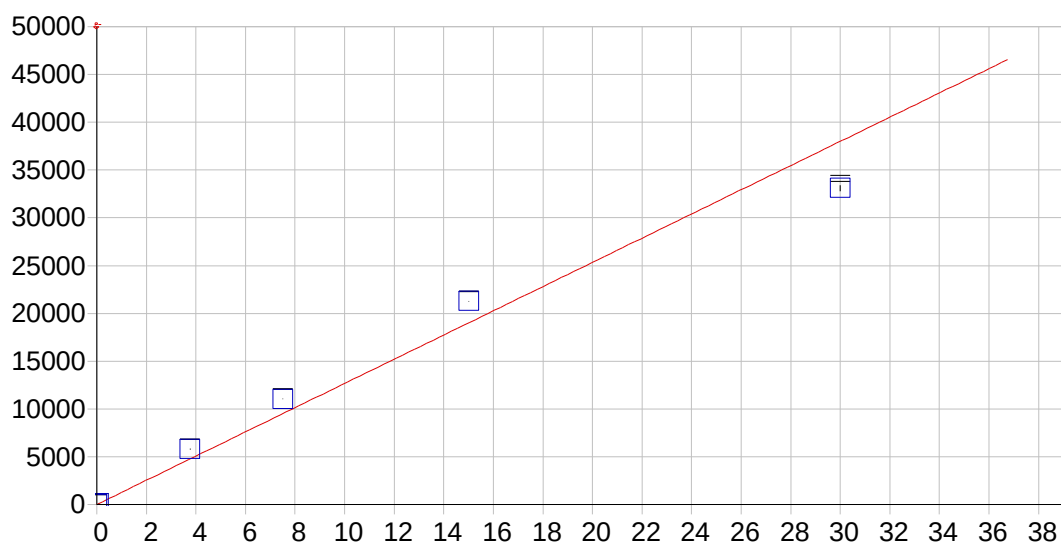
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00087	.001	.000	-.00263	.001	1
S1	5.0000	4.6887	-.311	-6.23	.02143	.001	1
S2	37.500	36.289	-1.21	-3.23	.18358	.001	1
S3	75.000	72.690	-2.31	-3.08	.37036	.001	1
S4	150.00	147.71	-2.29	-1.53	.75530	.002	1
S5	300.00	280.10	-19.9	-6.63	1.4347	.006	1
S6	800.00	826.02	26.0	3.25	4.2359	.002	1



Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000075 Re-Slope: 1.000000
 A1 (Gain): 0.048345 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999213 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.004938
 Predicted MQL: 0.016459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00007	.000	1
S1	.05000	.05209	.002	4.18	.00244	.000	1
S2	.62500	.64785	.023	3.66	.03025	.000	1
S3	1.2500	1.2955	.045	3.64	.06056	.001	1
S4	2.5000	2.6098	.110	4.39	.12211	.001	1
S5	5.0000	4.8197	-.180	-3.61	.22496	.001	1

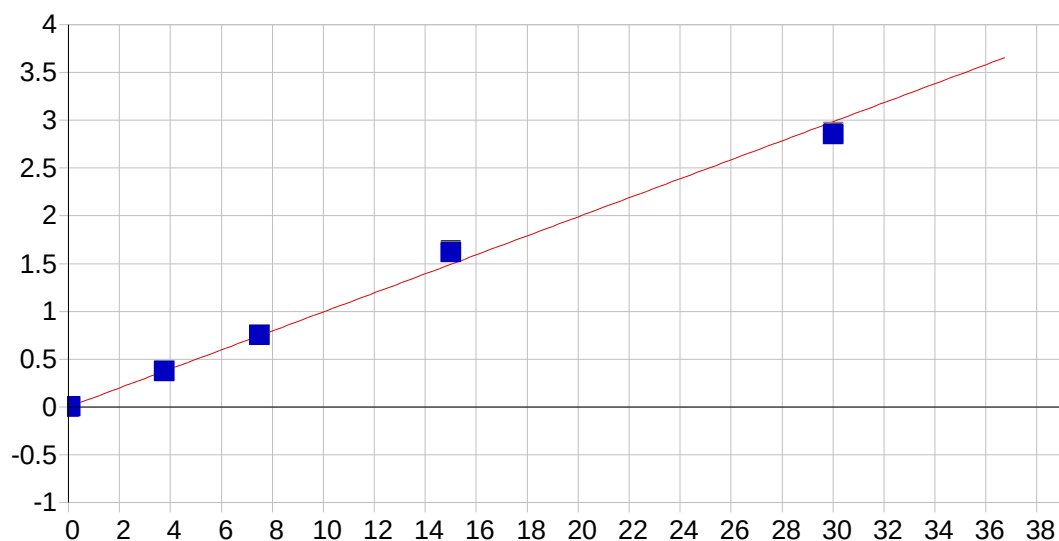


Zn 206.200 {464}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.713613 Re-Slope: 1.000000
 A1 (Gain): 1266.590640 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.990307 Status: OK.
 Std Error of Est: 12.639697
 Predicted MDL: 0.000479
 Predicted MQL: 0.001597

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	2.6503	.479	1
S1	.06000	.08764	.028	46.1	113.72	.303	1
S2	3.7500	4.5713	.821	21.9	5792.6	6.09	1
S3	7.5000	8.7222	1.22	16.3	11050.	40.2	1
S4	15.000	16.801	1.80	12.0	21282.	16.5	1
S5	30.000	26.128	-3.87	-12.9	33096.	290.	1

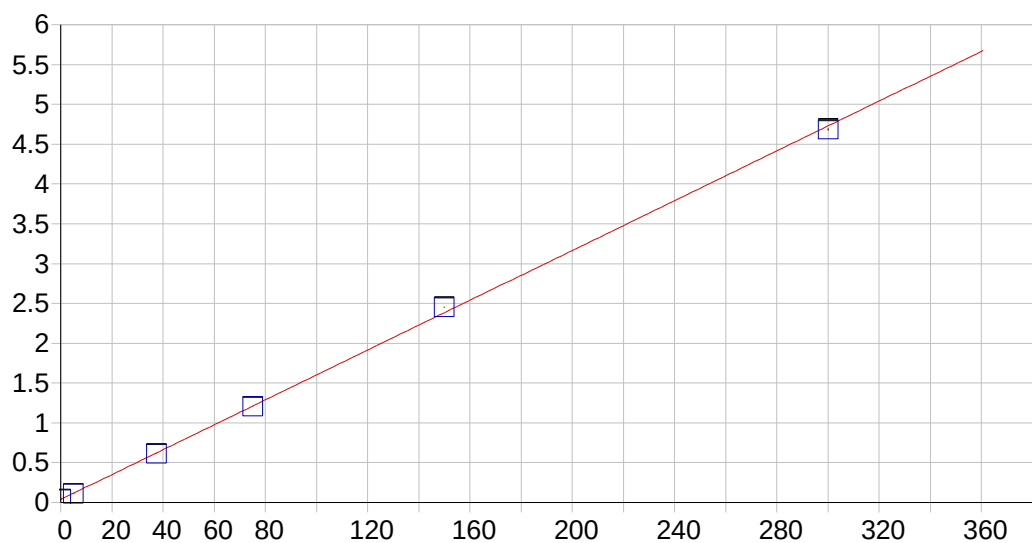


Zn 213.856 {158}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000526 Re-Slope: 1.000000
 A1 (Gain): 0.099498 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998583 Status: OK.
 Std Error of Est: 0.000379
 Predicted MDL: 0.005426
 Predicted MQL: 0.018086

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00053	.000	1
S1	.06000	.07010	.010	16.8	.00647	.000	1
S2	3.7500	3.7602	.010	.273	.37536	.004	1
S3	7.5000	7.5477	.048	.636	.75396	.003	1
S4	15.000	16.240	1.24	8.26	1.6223	.015	1
S5	30.000	28.692	-1.31	-4.36	2.8683	.007	1

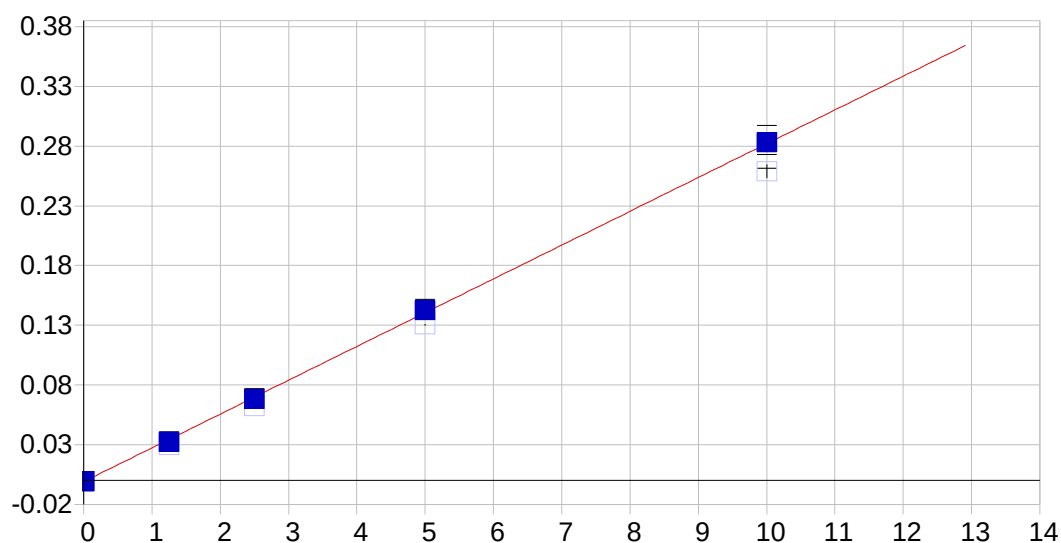


K 769.896 { 44}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.038149 Re-Slope: 1.000000
 A1 (Gain): 0.015634 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.000612
 Predicted MDL: 0.075711
 Predicted MQL: 0.252371

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00034	.000	.000	.03815	.002	1
S1	5.0000	4.7102	-.290	-5.80	.11179	.000	1
S2	37.500	36.600	-.900	-2.40	.61037	.001	1
S3	75.000	74.518	-.482	-.643	1.2032	.002	1
S4	150.00	154.52	4.52	3.01	2.4540	.005	1
S5	300.00	297.15	-2.85	-.949	4.6840	.011	1

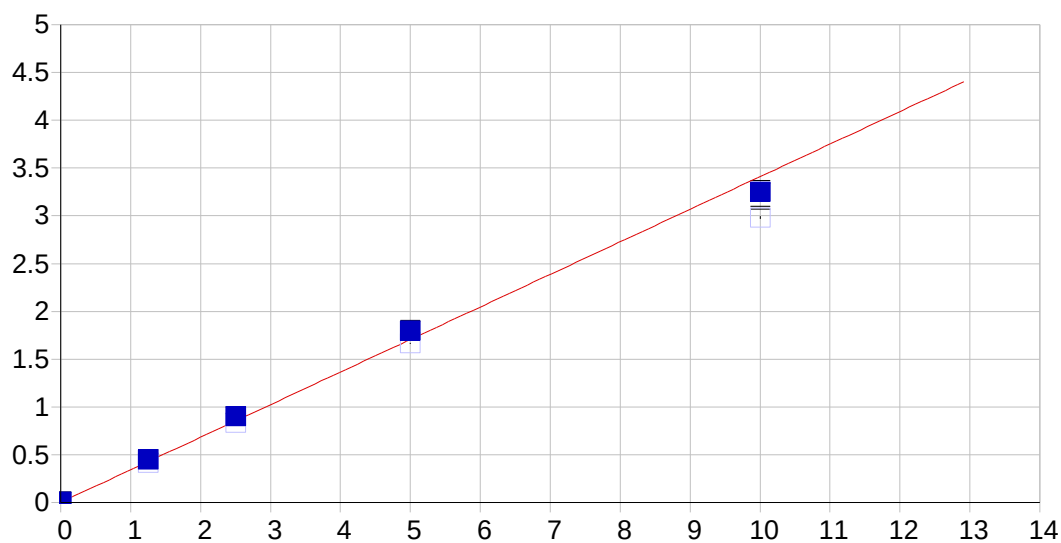


P 177.495 {490}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000862 Re-Slope: 1.000000
 A1 (Gain): 0.028285 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.003050
 Predicted MQL: 0.010167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00086	.000	1
S1	.01000	.01128	.001	12.8	-.00056	.000	1
S2	1.2500	1.1805	-.069	-5.56	.02948	.000	1
S3	2.5000	2.4478	-.052	-2.09	.06228	.000	1
S4	5.0000	5.0764	.076	1.53	.13053	.001	1
S5	10.000	10.044	.044	.439	.25884	.006	1

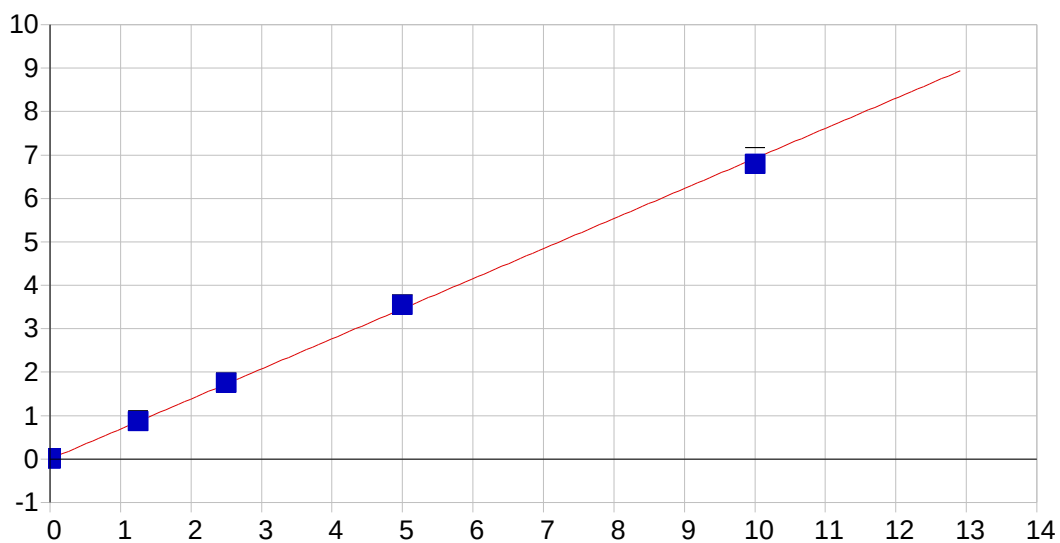


B 249.678 {135}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001588 Re-Slope: 1.000000
 A1 (Gain): 0.340788 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998541 Status: OK.
 Std Error of Est: 0.000285
 Predicted MDL: 0.001122
 Predicted MQL: 0.003741

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00159	.001	1
S1	.01000	.01109	.001	10.9	.00530	.000	1
S2	1.2500	1.3097	.060	4.77	.41417	.001	1
S3	2.5000	2.6329	.133	5.31	.83135	.004	1
S4	5.0000	5.2721	.272	5.44	1.6633	.005	1
S5	10.000	9.5342	-.466	-4.66	2.9808	.013	1

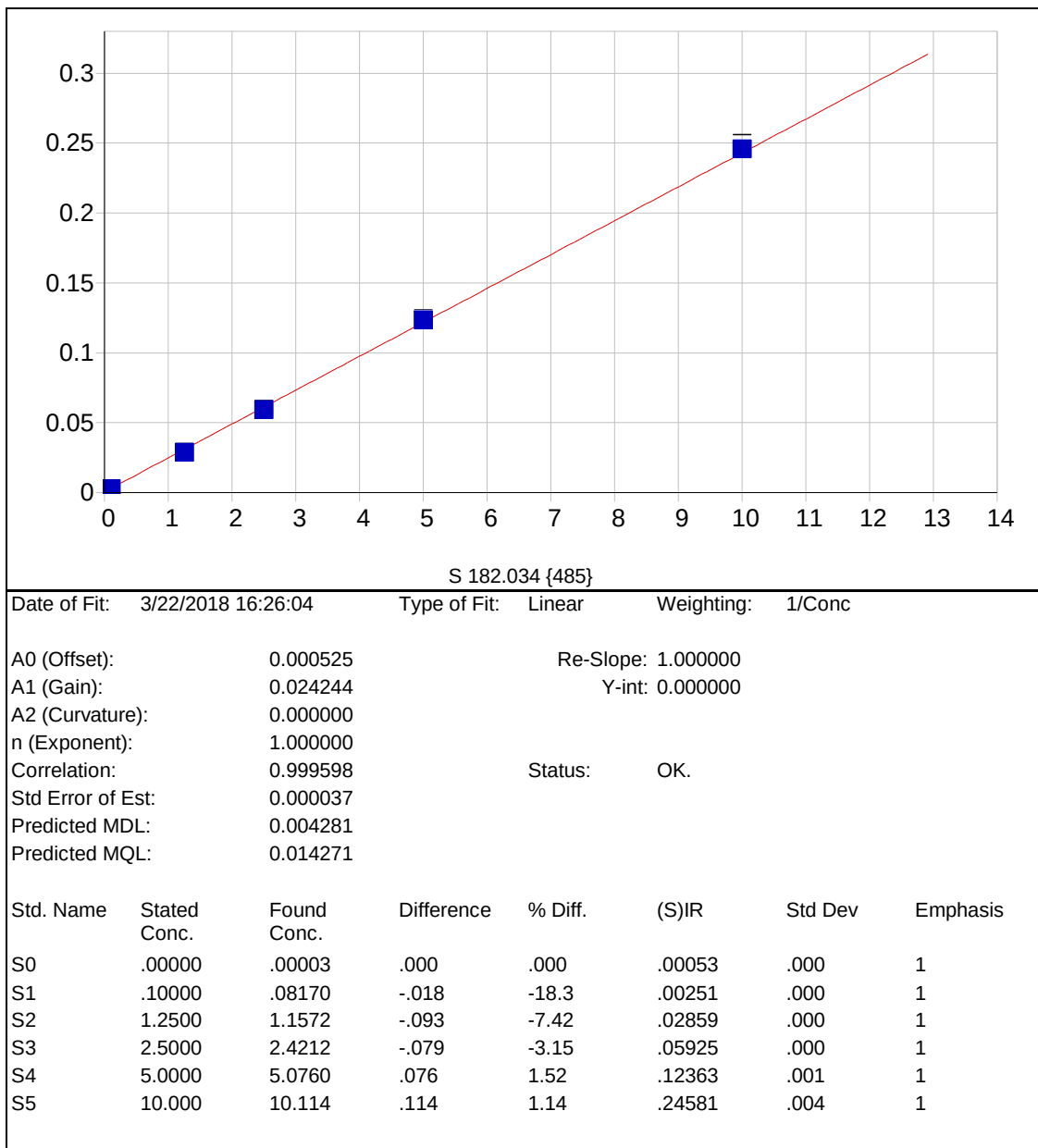


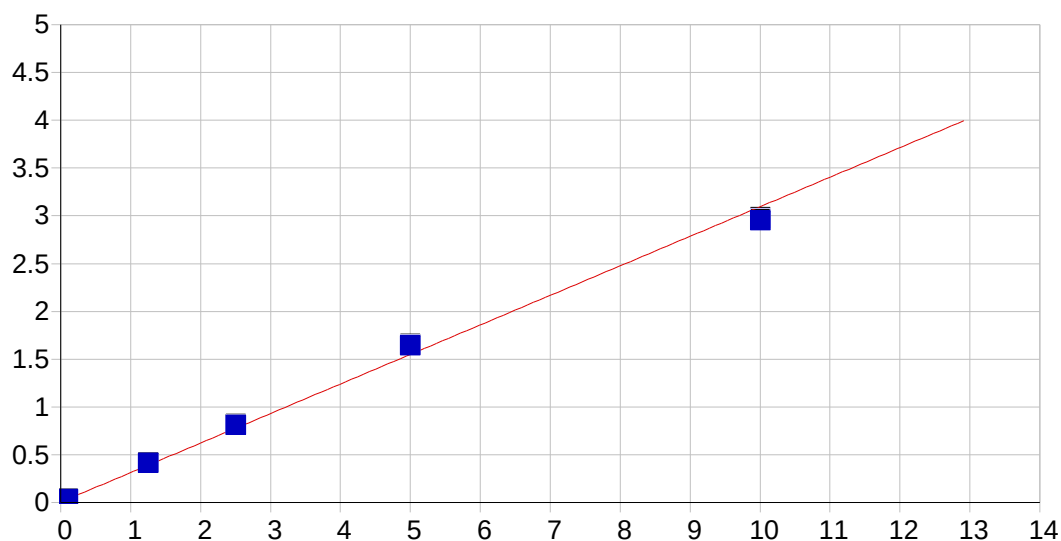
Mo 202.030 {467}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.692019 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000226
 Predicted MDL: 0.000281
 Predicted MQL: 0.000938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.01011	.000	1.08	.00716	.000	1
S2	1.2500	1.2640	.014	1.12	.87487	.003	1
S3	2.5000	2.5291	.029	1.16	1.7503	.010	1
S4	5.0000	5.1329	.133	2.66	3.5521	.006	1
S5	10.000	9.8239	-.176	-1.76	6.7982	.141	1



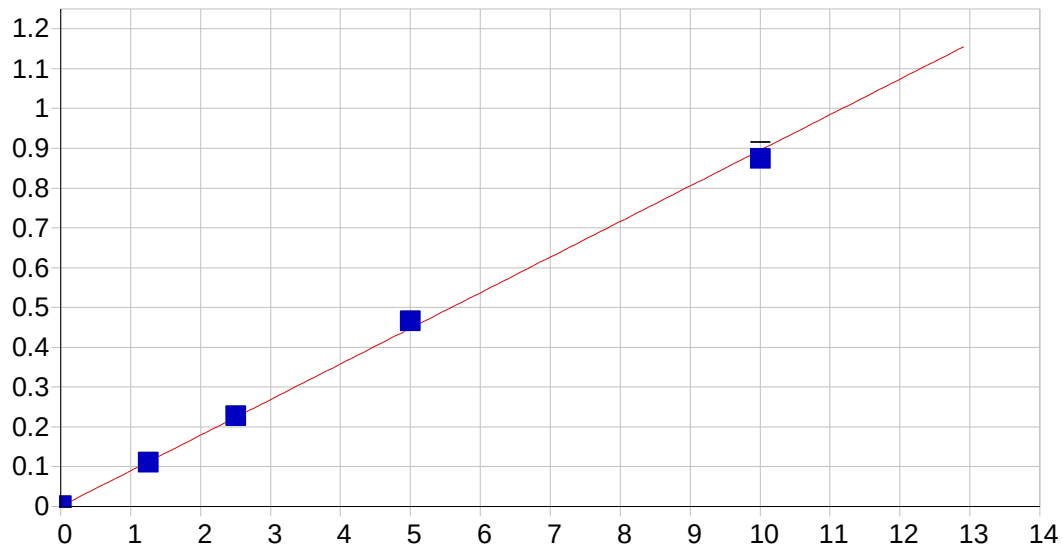


Si 251.611 {134}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004084 Re-Slope: 1.000000
 A1 (Gain): 0.309126 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998757 Status: OK.
 Std Error of Est: 0.000827
 Predicted MDL: 0.001255
 Predicted MQL: 0.004182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00408	.000	1
S1	.10000	.09637	-.004	-3.63	.03398	.001	1
S2	1.2500	1.3194	.069	5.55	.41511	.001	1
S3	2.5000	2.6051	.105	4.21	.81574	.005	1
S4	5.0000	5.2959	.296	5.92	1.6539	.004	1
S5	10.000	9.5331	-.467	-4.67	2.9764	.011	1

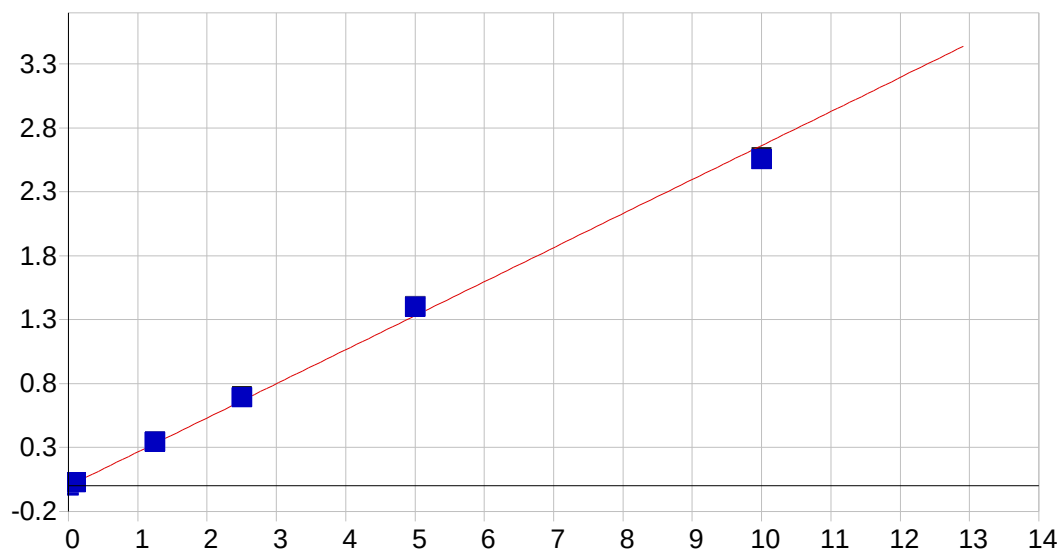


Sn 189.989 {478}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000
 A1 (Gain): 0.089452 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999618 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.001213
 Predicted MQL: 0.004042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.00700	.00828	.001	18.2	.00091	.000	1
S2	1.2500	1.2373	-.013	-1.01	.11062	.000	1
S3	2.5000	2.5398	.040	1.59	.22689	.000	1
S4	5.0000	5.2006	.201	4.01	.46441	.001	1
S5	10.000	9.7710	-.229	-2.29	.87225	.018	1

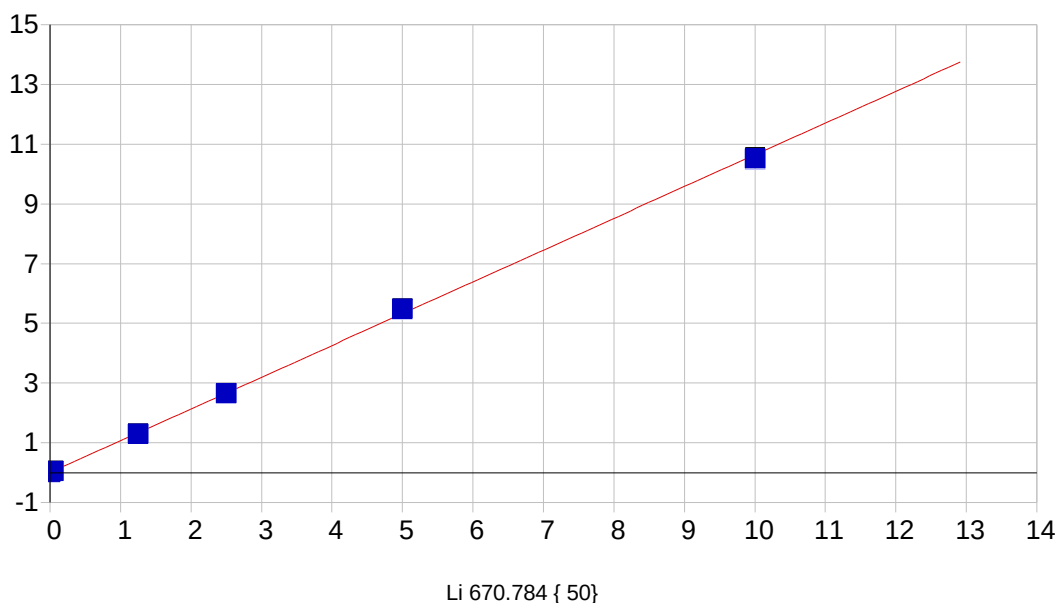


Ti 336.121 {100}

Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000167 Re-Slope: 1.000000
 A1 (Gain): 0.266246 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999065 Status: OK.
 Std Error of Est: 0.000612
 Predicted MDL: 0.001631
 Predicted MQL: 0.005438

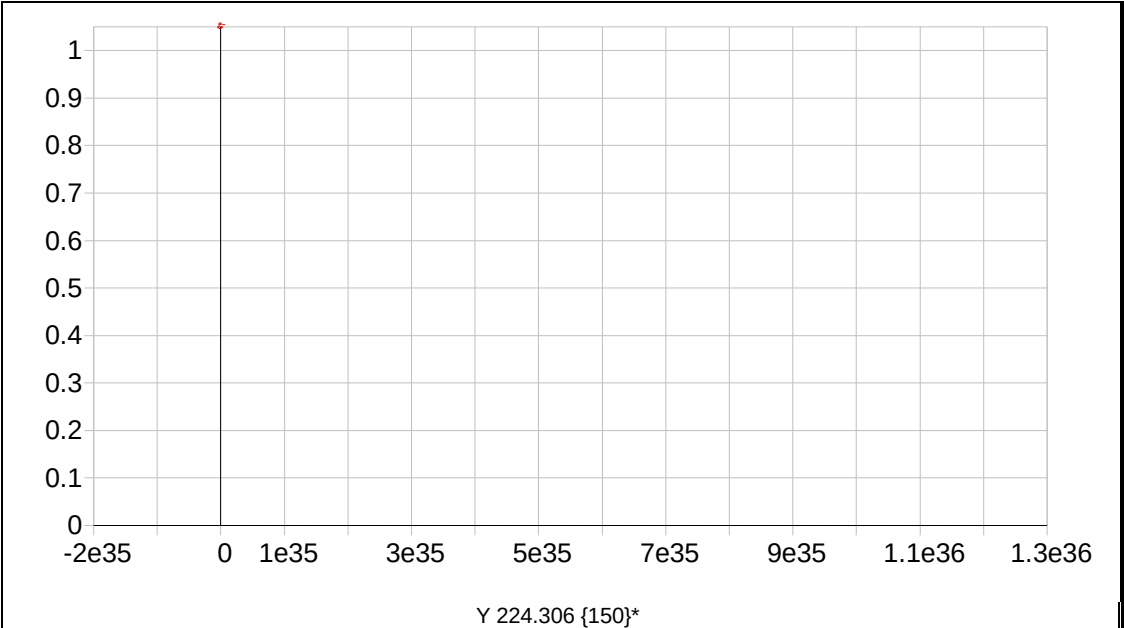
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00017	.000	1
S1	.10000	.10036	.000	.360	.02655	.000	1
S2	1.2500	1.2929	.043	3.43	.34394	.002	1
S3	2.5000	2.6056	.106	4.22	.69330	.002	1
S4	5.0000	5.2552	.255	5.10	1.3985	.006	1
S5	10.000	9.5960	-.404	-4.04	2.5537	.011	1



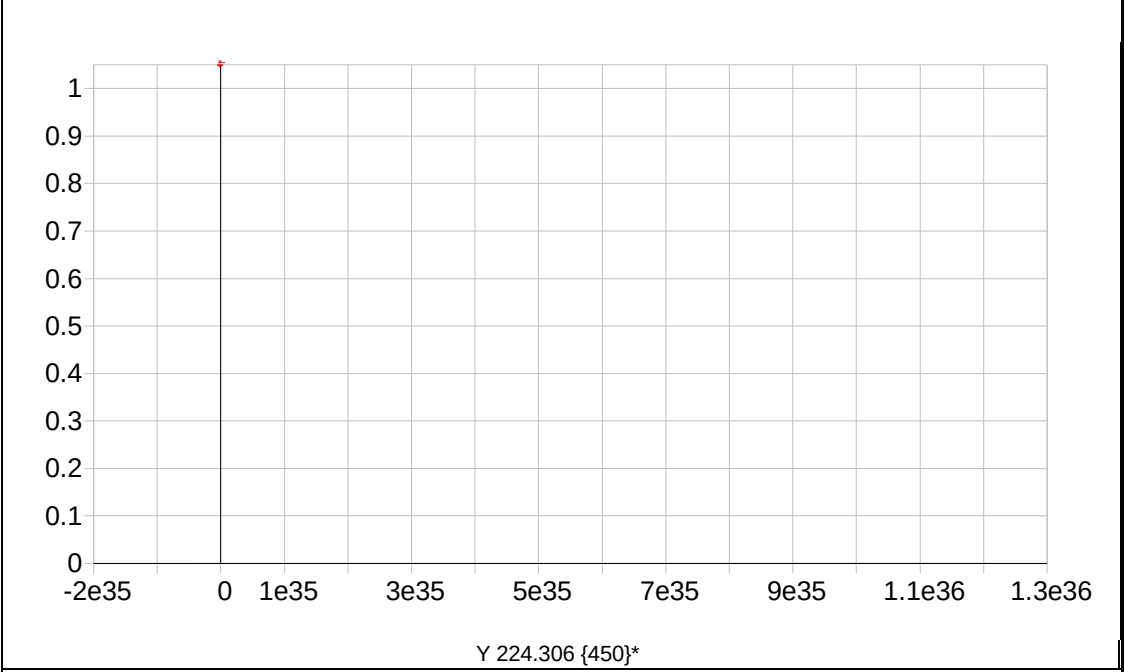
Date of Fit: 3/22/2018 16:26:04 Type of Fit: Linear Weighting: 1/Conc

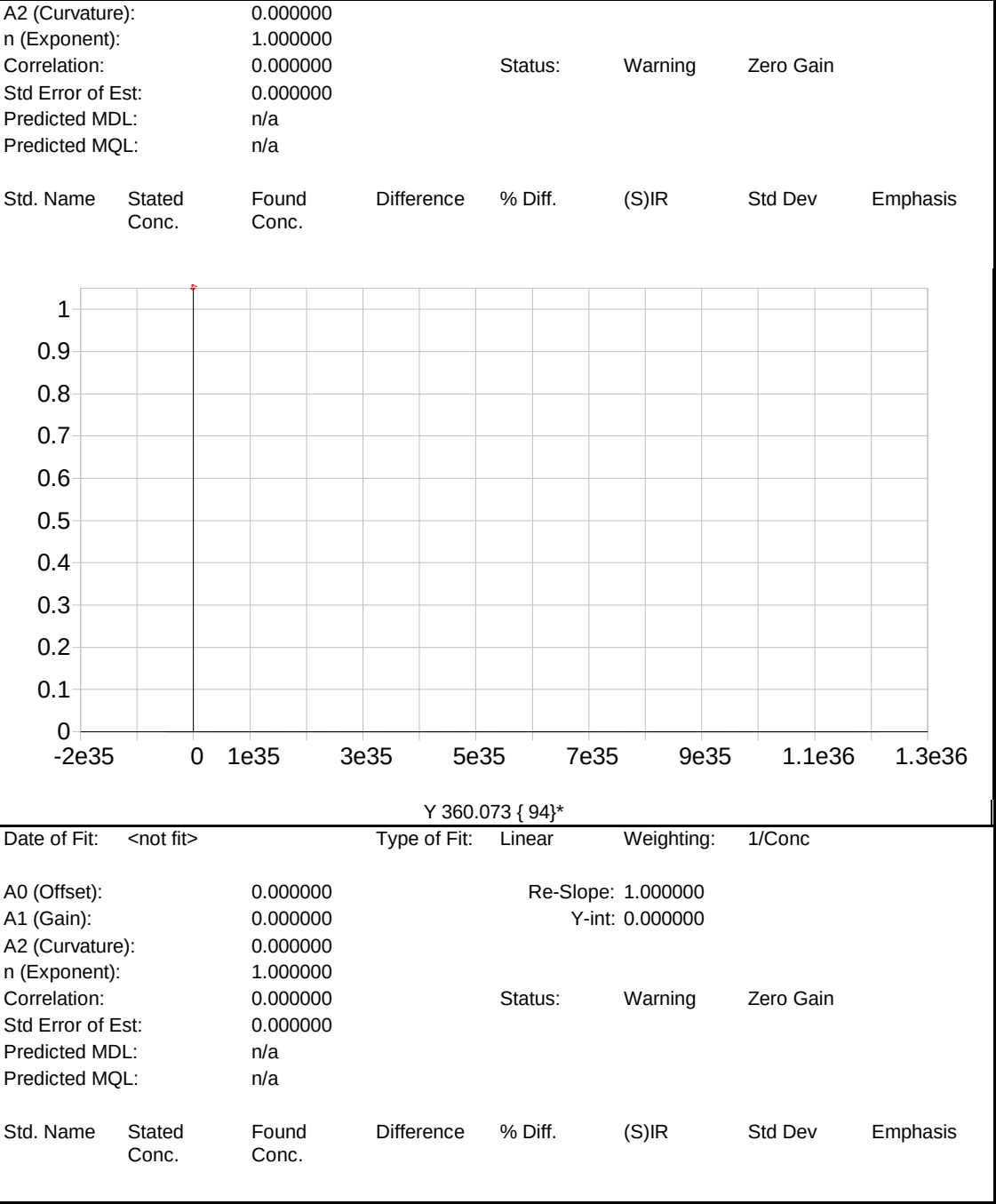
A0 (Offset): 0.001430 Re-Slope: 1.000000
 A1 (Gain): 1.064213 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000750
 Predicted MDL: 0.001482
 Predicted MQL: 0.004940

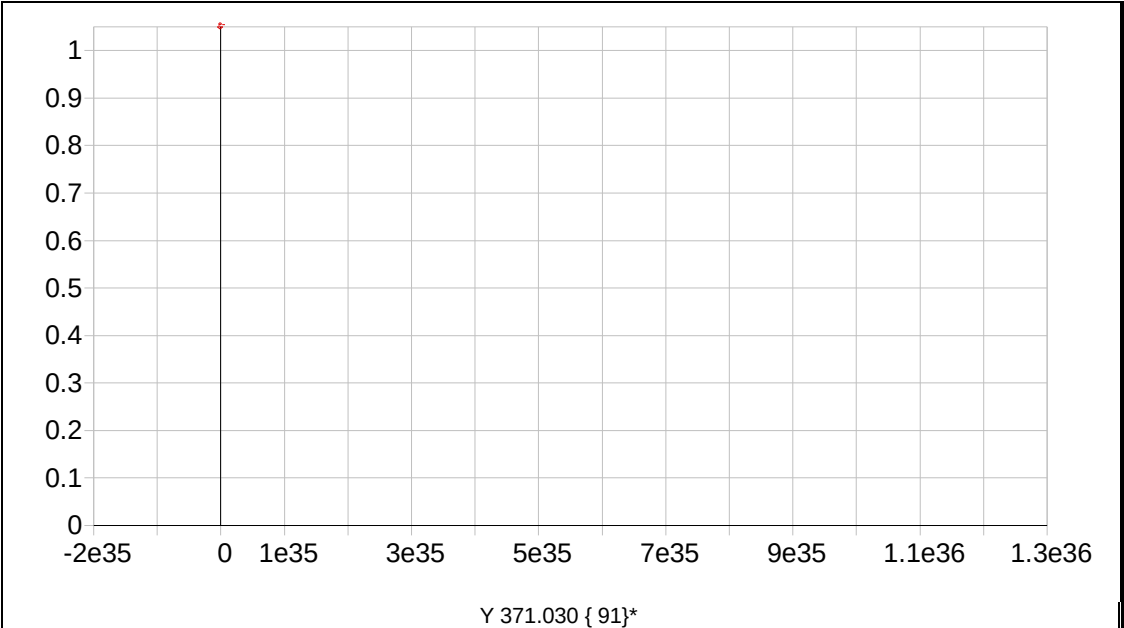
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00143	.002	1
S5	10.000	9.8867	-.113	-1.13	10.463	.033	1
S4	5.0000	5.1484	.148	2.97	5.4505	.008	1
S3	2.5000	2.4953	-.005	-.188	2.6420	.004	1
S2	1.2500	1.2239	-.026	-2.09	1.2965	.004	1
S1	.05000	.04564	-.004	-8.73	.04989	.001	1



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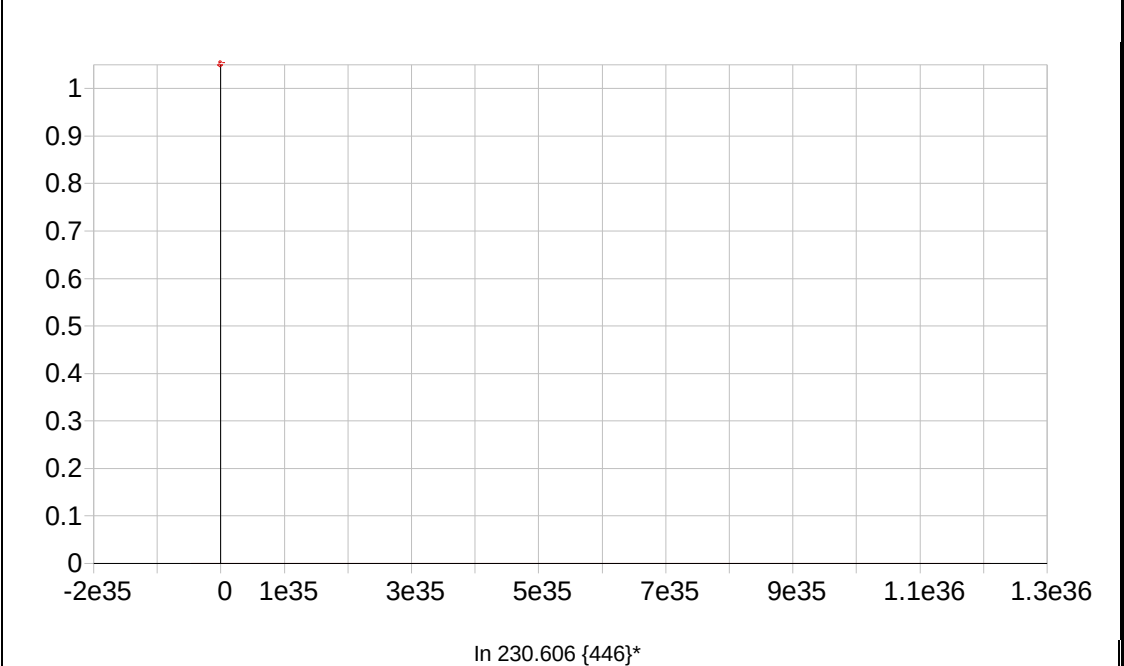




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

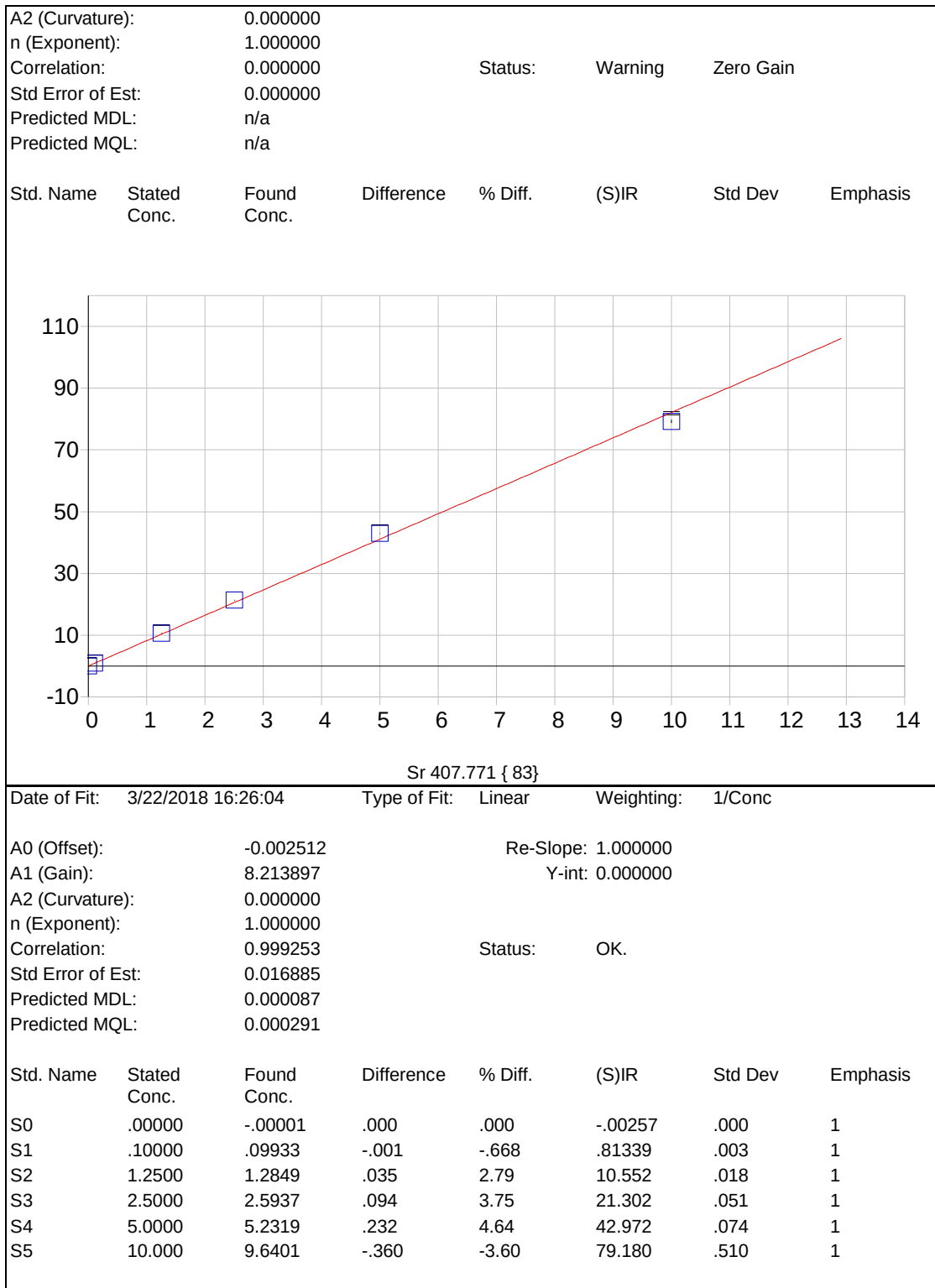
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 3/22/2018 12:04:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	-.00005	-.00031	-.00012	.00008	.00061	.00092	-.00331	-.00193
Stddev	.00006	.00004	.00019	.00004	.00008	.00032	.00051	.00045
%RSD	114.78	14.569	158.13	46.095	13.170	34.949	15.530	23.216

#1	-.00002	-.00034	.00007	.00012	.00052	.00115	-.00272	-.00221
#2	-.00002	-.00026	-.00032	.00007	.00068	.00055	-.00363	-.00218
#3	-.00011	-.00033	-.00012	.00005	.00063	.00105	-.00358	-.00142

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	-.00027	.00210	-.00005	-.00029	.00048	.00001	.00001	-.00016
Stddev	.00004	.00034	.00005	.00009	.00025	.00008	.00016	.00018
%RSD	16.321	16.302	98.238	30.606	52.010	605.16	1462.5	109.95

#1	-.00022	.00174	.00000	-.00025	.00075	.00007	.00003	-.00004
#2	-.00030	.00242	-.00011	-.00039	.00042	.00005	-.00016	-.00007
#3	-.00029	.00213	-.00005	-.00022	.00026	-.00008	.00016	-.00037

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	-.00129	-.00017	-.00263	-.00007	-.00053	.03815	-.00086	.00159
Stddev	.00006	.00007	.00089	.00025	.00049	.00165	.00008	.00054
%RSD	4.5781	37.635	33.870	330.10	93.520	4.3245	9.0297	34.287

#1	-.00125	-.00025	-.00360	-.00031	-.00003	.03701	-.00094	.00111
#2	-.00127	-.00015	-.00187	-.00010	-.00102	.04004	-.00079	.00218
#3	-.00136	-.00012	-.00240	.00018	-.00054	.03741	-.00086	.00148

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	.00017	.00053	.00408	.00019	-.00017	.00143	-.00257	
Stddev	.00021	.00002	.00008	.00009	.00045	.00240	.00034	
%RSD	128.91	4.0573	1.9948	48.808	264.88	167.02	13.321	

#1	.00024	.00054	.00413	.00023	.00033	.00000	-.00285	
#2	-.00007	.00050	.00399	.00026	-.00054	.00010	-.00219	
#3	.00033	.00053	.00413	.00008	-.00029	.00420	-.00267	

Sample Name: S0 Acquired: 3/22/2018 12:04:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	1683.3	3262.3	38185.	7814.3	3980.3
Stddev	15.8	13.5	200.	50.7	16.5
%RSD	.93734	.41505	.52419	.64902	.41544
#1	1701.5	3273.2	38387.	7836.5	3983.5
#2	1673.4	3247.1	37987.	7756.2	3962.4
#3	1675.1	3266.6	38181.	7850.1	3995.1

Sample Name: S1 Acquired: 3/22/2018 12:08:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00020	.00084	.00171	.00196	.00650	.01271	.56849	.01593
Stddev	.00003	.00008	.00031	.00014	.00009	.00070	.00137	.00020
%RSD	15.081	9.7650	18.009	7.0654	1.3870	5.5257	.24076	1.2523

#1	.00017	.00075	.00201	.00182	.00642	.01296	.56913	.01614
#2	.00020	.00087	.00139	.00210	.00660	.01325	.56942	.01574
#3	.00023	.00090	.00174	.00197	.00647	.01191	.56692	.01591

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	.01223	.20641	.00130	.03844	.00288	.00189	.00480	.03444
Stddev	.00018	.00066	.00005	.00024	.00038	.00010	.00022	.00055
%RSD	1.4344	.32030	3.4956	.61172	13.208	5.0993	4.6856	1.6029

#1	.01216	.20566	.00126	.03824	.00266	.00194	.00469	.03494
#2	.01242	.20691	.00135	.03838	.00266	.00178	.00466	.03385
#3	.01209	.20665	.00130	.03870	.00332	.00196	.00506	.03453

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	.01690	.00343	.02143	.00244	.00647	.11179	-.00056	.00530
Stddev	.00017	.00005	.00094	.00008	.00031	.00042	.00004	.00029
%RSD	.98013	1.3993	4.3740	3.2703	4.7562	.37126	6.3649	5.5364

#1	.01698	.00349	.02183	.00241	.00635	.11225	-.00060	.00505
#2	.01700	.00340	.02210	.00238	.00624	.11168	-.00054	.00562
#3	.01671	.00341	.02036	.00253	.00682	.11144	-.00054	.00522

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	.00716	.00251	.03398	.00091	.02655	.04989	.81339	
Stddev	.00026	.00013	.00061	.00014	.00035	.00064	.00293	
%RSD	3.6388	5.2096	1.8050	15.707	1.3156	1.2794	.36077	

#1	.00689	.00259	.03330	.00099	.02628	.04977	.81669	
#2	.00741	.00257	.03417	.00074	.02642	.04932	.81106	
#3	.00718	.00235	.03448	.00099	.02694	.05058	.81243	

Sample Name: S1 Acquired: 3/22/2018 12:08:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	1697.1	3272.7	38214.	7825.1	3944.5
Stddev	10.0	4.3	94.	32.2	4.8
%RSD	.58796	.13275	.24664	.41189	.12184
#1	1685.7	3276.7	38131.	7795.2	3948.2
#2	1701.5	3268.1	38195.	7820.9	3939.1
#3	1704.2	3273.4	38316.	7859.2	3946.1

Sample Name: S2 Acquired: 3/22/2018 12:12:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.02928	.05910	1.1555	.06143	.12890	2.3731	7.3650	.43926
Stddev	.00018	.00027	.0040	.00030	.00060	.0038	.0093	.00050
%RSD	.61978	.46054	.34437	.48198	.46634	.15944	.12623	.11366

#1	.02921	.05937	1.1539	.06162	.12914	2.3727	7.3729	.43936
#2	.02915	.05883	1.1526	.06109	.12822	2.3696	7.3548	.43871
#3	.02949	.05909	1.1600	.06158	.12934	2.3771	7.3674	.43969

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	1.6145	2.5958	.52404	.51294	.37044	.73043	1.2106	.44128
Stddev	.0057	.0122	.00021	.00108	.00045	.00265	.0035	.00068
%RSD	.35125	.47064	.03952	.20962	.12257	.36339	.29029	.15358

#1	1.6102	2.6099	.52400	.51271	.37096	.73331	1.2142	.44200
#2	1.6123	2.5878	.52385	.51200	.37018	.72990	1.2103	.44119
#3	1.6209	2.5898	.52426	.51412	.37016	.72808	1.2072	.44066

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	.28997	.11137	.18358	.03025	.37536	.61037	.02948	.41417
Stddev	.00081	.00022	.00059	.00034	.00370	.00149	.00001	.00139
%RSD	.27806	.19760	.32382	1.1351	.98610	.24436	.05012	.33492

#1	.28998	.11120	.18355	.03008	.37264	.61204	.02946	.41321
#2	.28916	.11162	.18419	.03003	.37387	.60992	.02949	.41576
#3	.29077	.11129	.18300	.03064	.37958	.60916	.02949	.41354

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	.87487	.02859	.41511	.11062	.34394	1.2965	10.552	
Stddev	.00337	.00009	.00085	.00016	.00159	.0039	.018	
%RSD	.38546	.32871	.20573	.14145	.46179	.30005	.16706	

#1	.87359	.02857	.41602	.11059	.34577	1.2987	10.571	
#2	.87233	.02851	.41500	.11049	.34289	1.2920	10.538	
#3	.87870	.02869	.41432	.11080	.34318	1.2987	10.546	

Sample Name: S2 Acquired: 3/22/2018 12:12:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	1636.3	3135.5	37162.	7796.1	3540.9
Stddev	6.2	8.8	118.	45.8	7.8
%RSD	.37668	.28054	.31727	.58782	.22067
#1	1631.8	3134.3	37040.	7755.9	3541.8
#2	1643.3	3144.9	37168.	7786.4	3548.3
#3	1633.7	3127.4	37276.	7846.0	3532.7

Sample Name: S3 Acquired: 3/22/2018 12:16:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.05980	.11849	2.3358	.12297	.25915	4.8010	14.833	.88394
Stddev	.00027	.00033	.0050	.00048	.00099	.0140	.023	.00609
%RSD	.45890	.28033	.21173	.39047	.38293	.29125	.15649	.68911

#1	.05949	.11881	2.3333	.12300	.25867	4.8035	14.857	.89040
#2	.06001	.11851	2.3326	.12247	.25849	4.8135	14.832	.87830
#3	.05989	.11814	2.3415	.12343	.26029	4.7859	14.810	.88312

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	3.2639	5.1824	1.0413	1.0428	.74313	1.4550	2.4113	.89207
Stddev	.0111	.0196	.0023	.0024	.00089	.0046	.0152	.00319
%RSD	.34138	.37856	.21986	.23221	.11944	.31735	.62943	.35755

#1	3.2673	5.1862	1.0420	1.0413	.74244	1.4577	2.4148	.88970
#2	3.2514	5.1612	1.0430	1.0414	.74283	1.4497	2.3946	.89082
#3	3.2729	5.1999	1.0387	1.0456	.74413	1.4576	2.4244	.89570

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	.58599	.22918	.37036	.06056	.75396	1.2032	.06228	.83135
Stddev	.00179	.00081	.00093	.00054	.00340	.0023	.00035	.00380
%RSD	.30584	.35546	.25119	.88525	.45107	.19036	.56190	.45766

#1	.58548	.22870	.37139	.06010	.75383	1.2058	.06254	.83574
#2	.58451	.22873	.36957	.06115	.75063	1.2020	.06242	.82919
#3	.58799	.23012	.37013	.06043	.75743	1.2018	.06188	.82912

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	1.7503	.05925	.81574	.22689	.69330	2.6420	21.302	
Stddev	.0097	.00012	.00473	.00023	.00168	.0041	.051	
%RSD	.55443	.20545	.58042	.09918	.24304	.15425	.23810	

#1	1.7555	.05933	.82059	.22692	.69184	2.6467	21.360	
#2	1.7391	.05911	.81113	.22710	.69293	2.6403	21.282	
#3	1.7562	.05931	.81549	.22665	.69514	2.6391	21.264	

Sample Name: S3 Acquired: 3/22/2018 12:16:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	1597.6	3048.1	36356.	7666.8	3357.4
Stddev	2.1	7.1	95.	32.8	4.2
%RSD	.13418	.23435	.26083	.42781	.12632
#1	1599.8	3048.8	36361.	7638.2	3356.6
#2	1595.5	3054.9	36448.	7659.5	3362.0
#3	1597.4	3040.6	36259.	7702.6	3353.7

Sample Name: S4 Acquired: 3/22/2018 12:20:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.12306	.23431	4.7311	.24883	.53298	9.8922	30.226	1.7895
Stddev	.00008	.00092	.0055	.00071	.00098	.0099	.141	.0063
%RSD	.06886	.39225	.11545	.28592	.18304	.09982	.46586	.34973

#1	.12312	.23492	4.7372	.24949	.53341	9.8979	30.258	1.7826
#2	.12310	.23475	4.7266	.24808	.53186	9.8980	30.348	1.7949
#3	.12296	.23325	4.7294	.24891	.53367	9.8808	30.072	1.7909

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	6.5694	10.492	2.0756	2.1176	1.5009	2.9008	4.8189	1.8244
Stddev	.0092	.015	.0055	.0035	.0040	.0195	.0145	.0116
%RSD	.14065	.14064	.26495	.16574	.26338	.67118	.30147	.63622

#1	6.5789	10.493	2.0795	2.1201	1.5016	2.9086	4.8222	1.8246
#2	6.5605	10.506	2.0693	2.1136	1.4966	2.9152	4.8315	1.8358
#3	6.5689	10.477	2.0778	2.1192	1.5044	2.8787	4.8030	1.8126

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	1.1829	.46587	.75530	.12211	1.6223	2.4540	.13053	1.6633
Stddev	.0019	.00292	.00153	.00064	.0145	.0052	.00061	.0049
%RSD	.16171	.62578	.20311	.52123	.89392	.21290	.47071	.29575

#1	1.1845	.46281	.75454	.12167	1.6104	2.4549	.13123	1.6668
#2	1.1808	.46618	.75429	.12181	1.6180	2.4483	.13027	1.6577
#3	1.1835	.46861	.75707	.12284	1.6385	2.4587	.13008	1.6654

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.5521	.12363	1.6539	.46441	1.3985	5.4505	42.972	
Stddev	.0061	.00051	.0042	.00094	.0058	.0082	.074	
%RSD	.17280	.40871	.25596	.20255	.41577	.15122	.17205	

#1	3.5546	.12413	1.6494	.46548	1.3988	5.4570	43.057	
#2	3.5451	.12364	1.6578	.46375	1.3926	5.4534	42.920	
#3	3.5565	.12312	1.6544	.46398	1.4042	5.4413	42.940	

Sample Name: S4 Acquired: 3/22/2018 12:20:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	1491.4	2872.0	34955.	7476.4	3112.8
Stddev	9.3	2.7	111.	18.6	5.7
%RSD	.62303	.09558	.31770	.24922	.18305
#1	1497.7	2870.0	35083.	7455.1	3107.3
#2	1495.8	2875.1	34902.	7489.7	3118.7
#3	1480.7	2870.8	34881.	7484.4	3112.5

Sample Name: S5 Acquired: 3/22/2018 12:24:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.24542	.44044	9.2013	.49038	1.0594	18.781	56.676	3.3185
Stddev	.00423	.01041	.1750	.00755	.0192	.058	.384	.0181
%RSD	1.7231	2.3627	1.9017	1.5386	1.8103	.31083	.67824	.54649

#1	.24238	.43111	9.0868	.48605	1.0466	18.793	57.108	3.3390
#2	.24362	.43854	9.1144	.48600	1.0500	18.832	56.372	3.3046
#3	.25025	.45166	9.4027	.49909	1.0814	18.717	56.548	3.3119

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	12.518	19.419	3.7697	4.0422	2.8073	5.3245	8.8378	3.4915
Stddev	.269	.032	.0101	.0796	.0051	.0065	.0050	.0022
%RSD	2.1489	.16402	.26691	1.9705	.18218	.12231	.05672	.06385

#1	12.359	19.455	3.7807	3.9897	2.8104	5.3251	8.8320	3.4898
#2	12.366	19.410	3.7610	4.0030	2.8100	5.3177	8.8406	3.4908
#3	12.829	19.394	3.7673	4.1338	2.8014	5.3306	8.8408	3.4940

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2491	.87037	1.4347	.22496	2.8683	4.6840	.25884	2.9808
Stddev	.0452	.00146	.0062	.00138	.0073	.0109	.00584	.0134
%RSD	2.0104	.16809	.42950	.61400	.25393	.23257	2.2577	.44795

#1	2.2200	.87187	1.4411	.22629	2.8601	4.6876	.25367	2.9928
#2	2.2262	.86895	1.4340	.22506	2.8739	4.6926	.25766	2.9664
#3	2.3012	.87029	1.4288	.22354	2.8710	4.6717	.26518	2.9832

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.7982	.24581	2.9764	.87225	2.5537	10.463	79.180	
Stddev	.1409	.00380	.0108	.01758	.0109	.033	.510	
%RSD	2.0725	1.5456	.36379	2.0158	.42650	.31471	.64353	

#1	6.7161	.24316	2.9843	.85776	2.5597	10.476	79.026	
#2	6.7176	.24412	2.9640	.86719	2.5603	10.488	78.765	
#3	6.9609	.25017	2.9808	.89181	2.5412	10.426	79.749	

Sample Name: S5 Acquired: 3/22/2018 12:24:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	1395.6	2645.2	34073.	7463.2	2864.7
Stddev	6.8	76.3	105.	37.3	82.8
%RSD	.48532	2.8841	.30942	.49981	2.8909
#1	1395.6	2689.1	33957.	7425.4	2913.5
#2	1402.4	2689.4	34163.	7500.0	2911.5
#3	1388.9	2557.1	34098.	7464.1	2769.1

Sample Name: S6 Acquired: 3/22/2018 12:28:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	53.309	33.582	15.129	6.1126	4.2359
Stddev	.899	.228	.114	.0506	.0019
%RSD	1.6869	.67762	.75112	.82811	.04402

#1	52.833	33.760	15.158	6.1277	4.2377
#2	54.346	33.661	15.226	6.1539	4.2340
#3	52.747	33.326	15.004	6.0561	4.2359

Int. Std.	Y_3710
Units	Cts/S
Avg	7234.0
Stddev	72.2
%RSD	.99772

#1	7183.7
#2	7201.6
#3	7316.7

Sample Name: ICV Acquired: 3/22/2018 12:32:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.9476946	1.086930	.9434092	.9910339	.9357584	2.331537
Stddev	.0058694	.006739	.0025883	.0029090	.0028737	.004650
%RSD	.6193326	.6199778	.2743547	.2935315	.3071020	.1994199

#1	.9497043	1.083034	.9418577	.9930724	.9324780	2.331186
#2	.9410843	1.083044	.9419727	.9877026	.9378318	2.327074
#3	.9522951	1.094711	.9463971	.9923266	.9369654	2.336353

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5089396	.5063822	.4859381	10.30268	.5312141	.4843112
Stddev	.0012828	.0021898	.0018301	.02673	.0007518	.0008481
%RSD	.2520513	.4324325	.3766183	.2594317	.1415199	.1751210

#1	.5104195	.5043521	.4848935	10.28299	.5309427	.4839343
#2	.5082531	.5087026	.4848695	10.29195	.5320639	.4837168
#3	.5081460	.5060918	.4880513	10.33311	.5306358	.4852824

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5191913	5.339852	.5317847	5.706793	.4971773	.4860590
Stddev	.0054961	.018558	.0021240	.038128	.0017479	.0035581
%RSD	1.058597	.3475293	.3994069	.6681191	.3515696	.7320364

#1	.5176622	5.343555	.5309720	5.743149	.4975713	.4900482
#2	.5146216	5.356279	.5301870	5.667111	.4952661	.4849157
#3	.5252901	5.319723	.5341950	5.710118	.4986947	.4832130

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.777596	.5250343	1.088996	9.178431	F .0117680	F .0058209
Stddev	.151498	.0078130	.027042	.095916	.0019350	.0002993
%RSD	1.549436	1.488083	2.483201	1.045012	16.44286	5.141414

#1	9.627097	.5186257	1.120218	9.135176	.0099128	.0061521
#2	9.775619	.5227394	1.073036	9.111760	.0137740	.0057406
#3	9.930073	.5337376	1.073732	9.288356	.0116171	.0055699

Sample Name: ICV Acquired: 3/22/2018 12:32:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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 .0001214	.0070865	.0059476	F .0001678	-.000055	.0024539
Stddev	.0002387	.0027046	.0006518	.0004086	.001285	.0007777
%RSD	196.6457	38.16543	10.95987	243.4270	2343.104	31.69335

#1	-.000044	.0092282	.0066840	.0005707	-.000712	.0025782
#2	.000013	.0040472	.0057140	-.000246	.001426	.0031621
#3	.000395	.0079842	.0054447	.000179	-.000879	.0016216

Elem	Sr4077
Units	ppm
Avg	.0118733
Stddev	.0000418
%RSD	.3521943

#1	.0118683
#2	.0118342
#3	.0119174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.712	3290.668	38534.94	7860.704	3921.911
Stddev	15.776	8.267	37.83	40.969	8.442
%RSD	.9162964	.2512274	.0981595	.5211873	.2152554

#1	1704.940	3291.872	38497.22	7879.414	3923.150
#2	1736.255	3298.266	38534.74	7888.978	3929.665
#3	1723.942	3281.864	38572.87	7813.721	3912.918

Sample Name: ICB Acquired: 3/22/2018 12:36:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	-.003269	.0011238	.0023966	-.000545	.0008006	-.015378	.0001023
Stddev	.002249	.0012331	.0009321	.002180	.0016092	.007609	.0003427
%RSD	68.80289	109.7268	38.89063	399.7824	200.9942	49.48073	335.0538

#1	-.004131	.0014843	.0028098	.001972	.0026270	-.006604	-.000175
#2	-.004959	.0021365	.0030506	-.001825	-.000409	-.020171	-.000003
#3	-.000716	-.000249	.0013294	-.001783	.000184	-.019359	.000485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000071	-.000007	-.012238	-.000075	-.000046	-.004448	-.004710
Stddev	.0000227	.000022	.007011	.000180	.000178	.002063	.009939
%RSD	320.2750	322.5426	57.28922	240.7978	385.5539	46.36951	211.0435

#1	.0000007	.000013	-.015472	-.000140	.000159	-.002085	.003074
#2	-.000012	-.000030	-.017050	.000129	-.000150	-.005376	-.015906
#3	.000032	-.000003	-.004194	-.000213	-.000147	-.005884	-.001297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002947	-.025000	-.000093	.0000186	.1908542	.0022284	-.001421
Stddev	.0006929	.025499	.000230	.0001997	.4480375	.0016217	.003959
%RSD	235.1280	101.9973	248.8600	1074.030	234.7538	72.77263	278.6873

#1	-.000241	-.047211	-.000231	.0000895	-.322087	.0010574	-.005350
#2	.000048	.002845	-.000220	.0001731	.505687	.0015484	.002567
#3	.001077	-.030634	.000173	-.000207	.388963	.0040793	-.001479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027655	-.004239	.0033335	.0002157	.0009897	.0008102	.0013409
Stddev	.0862894	.002587	.0000657	.0000841	.0020652	.0007374	.0007258
%RSD	3120.155	61.03608	1.970036	38.98075	208.6619	91.01317	54.13148

#1	-.028848	-.005058	.0033194	.0001220	.0030631	.0004814	.0016228
#2	-.063258	-.006317	.0034051	.0002404	-.001067	.0016548	.0018834
#3	.100403	-.001341	.0032761	.0002846	.000973	.0002944	.0005164

Sample Name: ICB Acquired: 3/22/2018 12:36:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.0017517	-.000538	-.000061
Stddev	.0010148	.000422	.000036
%RSD	57.93364	78.40052	60.12978

#1	.0019854	-.001025	-.000092
#2	.0026293	-.000273	-.000021
#3	.0006404	-.000317	-.000069

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.767	3318.490	38863.34	7873.008	4027.981
Stddev	2.176	6.336	81.36	20.737	2.877
%RSD	.1246682	.1909363	.2093510	.2633929	.0714166

#1	1747.216	3319.804	38780.14	7886.925	4029.417
#2	1746.820	3324.066	38867.14	7882.925	4029.857
#3	1743.264	3311.600	38942.73	7849.175	4024.669

Sample Name: IC5A Acquired: 3/22/2018 12:41:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: IC5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000906	-.006317	-.004626	-.000074	.0080263	235.6734	.0051150
Stddev	.003608	.001755	.001587	.004755	.0024479	.9406	.0000649
%RSD	398.3800	27.78284	34.29543	6457.166	30.49871	.3990971	1.269487

#1	.000338	-.008340	-.004854	-.005387	.0102527	235.0188	.0050425
#2	.001916	-.005202	-.006087	.001383	.0054049	236.7512	.0051677
#3	-.004970	-.005409	-.002938	.003783	.0084215	235.2502	.0051348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007862	-.000754	247.0625	.0583241	-.000909	-.006950	99.98089
Stddev	.0001331	.000209	.5210	.0026780	.000223	.004638	.52291
%RSD	16.93283	27.74154	.2108932	4.591596	24.51517	66.72865	.5230060

#1	.0009254	-.000968	247.4081	.0558643	-.000717	-.010623	100.2814
#2	.0007731	-.000744	246.4632	.0611769	-.001153	-.001739	99.3771
#3	.0006601	-.000550	247.3164	.0579313	-.000857	-.008489	100.2841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122408	245.1707	.0041248	.0007872	.6377287	-.000729	-.013804
Stddev	.0011089	.9930	.0006733	.0002891	.1424107	.006001	.001634
%RSD	9.059019	.4050106	16.32226	36.72467	22.33093	823.1250	11.83525

#1	.0110970	245.1290	.0034269	.0008209	.7991095	.000699	-.014933
#2	.0123142	244.1992	.0041770	.0010581	.5296887	.004430	-.011931
#3	.0133112	246.1839	.0047704	.0004828	.5843879	-.007316	-.014548

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.428422	-.004598	-.003681	.0017630	.0065199	-.004199	-.002242
Stddev	.006829	.005066	.012001	.0001488	.0066045	.000997	.000698
%RSD	1.593963	110.1613	326.0396	8.439864	101.2963	23.73431	31.14265

#1	-.435202	-.010448	-.012807	.0017784	.0091292	-.003945	-.002789
#2	-.421545	-.001686	.009913	.0019035	-.000991	-.003354	-.002481
#3	-.428519	-.001662	-.008148	.0016071	.011421	-.005298	-.001455

Sample Name: ICSA Acquired: 3/22/2018 12:41:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001952	.0023076	.1017217
Stddev	.002395	.0011700	.0002916
%RSD	122.6786	50.70098	.2866313

#1	-.001780	.0035627	.1018079
#2	-.004428	.0012473	.1019604
#3	.000352	.0021127	.1013967

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1543.274	3053.954	34089.51	7661.125	3302.875
Stddev	106.151	11.229	2652.77	47.072	5.672
%RSD	6.878302	.3676857	7.781788	.6144219	.1717254

#1	1612.497	3041.024	35817.65	7630.674	3296.531
#2	1421.061	3059.585	31035.16	7637.360	3307.456
#3	1596.265	3061.253	35415.73	7715.342	3304.637

Sample Name: ICSAB Acquired: 3/22/2018 12:45:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.0995093	.1012491	.0439613	.0463156	.5765016	235.9178
Stddev	.0073671	.0018582	.0005314	.0020665	.0023791	.1298
%RSD	7.403440	1.835248	1.208751	4.461721	.4126815	.0549985

#1	.0930991	.0991224	.0433570	.0484547	.5762954	236.0385
#2	.0978713	.1025589	.0443558	.0443304	.5742323	235.7806
#3	.1075576	.1020659	.0441710	.0461616	.5789771	235.9343

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5150662	.5060941	1.001608	244.4503	.5794986	.4981667
Stddev	.0016489	.0038765	.004152	.8647	.0008883	.0025111
%RSD	.3201279	.7659589	.4145256	.3537439	.1532889	.5040717

#1	.5167023	.5024715	1.000309	245.2644	.5784828	.4978695
#2	.5134049	.5101824	.998261	243.5425	.5801298	.4958175
#3	.5150914	.5056284	1.006255	244.5439	.5798831	.5008132

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5010228	99.01900	.5286449	242.1173	1.005151	.2003326
Stddev	.0039549	.42887	.0037562	.5450	.004492	.0021014
%RSD	.7893558	.4331207	.7105396	.2250941	.4469245	1.048942

#1	.5045008	99.45075	.5313691	242.6592	1.004518	.2025767
#2	.4967209	98.59306	.5243599	241.5693	1.001008	.2000100
#3	.5018467	99.01319	.5302057	242.1234	1.009926	.1984112

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4346931	.5231098	1.107464	-.665005	.0106143	F -.012109
Stddev	.2219823	.0083320	.015805	.036051	.0025121	.001171
%RSD	51.06643	1.592789	1.427163	5.421182	23.66734	9.672183

#1	.5914575	.5139347	1.125445	-.646646	.0099594	-.010781
#2	.5319379	.5251899	1.101182	-.641829	.0133890	-.012548
#3	.1806840	.5302047	1.095766	-.706541	.0084945	-.012997

Sample Name: ICSAB Acquired: 3/22/2018 12:45:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.0016402	.0079781	-.002879	-.001560	-.001074	.0035123
Stddev	.0002361	.0058162	.000779	.000531	.000539	.0010493
%RSD	14.39445	72.90227	27.05804	34.01799	50.16996	29.87583

#1	.0015519	.0111700	-.002992	-.000980	-.001182	.0023954
#2	.0019077	.0012648	-.002049	-.001677	-.001550	.0036638
#3	.0014610	.0114994	-.003595	-.002022	-.000489	.0044776

Elem	Sr4077
Units	ppm
Avg	.1015254
Stddev	.0002767
%RSD	.2725889

#1	.1018284
#2	.1014618
#3	.1012859

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.461	3067.126	36026.68	7734.183	3328.741
Stddev	12.362	10.544	75.66	21.823	10.418
%RSD	.7647544	.3437732	.2100014	.2821608	.3129786

#1	1602.276	3077.401	36009.69	7754.813	3327.687
#2	1624.935	3067.645	35960.96	7736.399	3339.646
#3	1622.172	3056.332	36109.38	7711.337	3318.889

Sample Name: CCV057 Acquired: 3/22/2018 12:49:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.860750	4.802303	24.52475	4.832577	4.880905	390.5764	9.898538
Stddev	.037550	.067546	.05433	.041581	.015886	2.2905	.039357
%RSD	.7725151	1.406531	.2215318	.8604237	.3254673	.5864342	.3976041

#1	4.842409	4.738171	24.47480	4.794989	4.875674	392.9859	9.870394
#2	4.835895	4.795928	24.51685	4.825501	4.868294	388.4273	9.881708
#3	4.903945	4.872811	24.58260	4.877242	4.898747	390.3160	9.943512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4945794	2.462226	390.8023	15.08958	2.479011	14.77423	395.2374
Stddev	.0052918	.006228	1.7754	.02793	.007688	.01602	2.5338
%RSD	1.069962	.2529511	.4543010	.1850823	.3101105	.1084271	.6410835

#1	.4930779	2.457218	388.9821	15.07333	2.475787	14.78555	392.3178
#2	.5004597	2.460260	390.8954	15.07358	2.473461	14.78123	396.5328
#3	.4902007	2.469200	392.5293	15.12182	2.487786	14.75590	396.8617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62483	384.0640	2.479135	1.241251	394.1610	2.461704	13.79908
Stddev	.07176	1.9498	.007646	.003866	2.2459	.015843	.15043
%RSD	.4906886	.5076659	.3084129	.3114513	.5697940	.6435933	1.090181

#1	14.54817	381.8155	2.477783	1.236910	396.2509	2.478911	13.85988
#2	14.63594	385.0896	2.472255	1.244323	391.7862	2.447720	13.62776
#3	14.69040	385.2869	2.487367	1.242521	394.4458	2.458481	13.90959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.9095	4.970885	4.798810	4.784516	5.028996	4.871026	4.939280
Stddev	.5700	.089384	.049845	.017028	.071329	.049587	.036881
%RSD	.3776811	1.798156	1.038700	.3559073	1.418353	1.017993	.7466928

#1	151.5663	4.896242	4.772594	4.766600	4.970354	4.861159	4.911027
#2	150.5451	4.946476	4.856292	4.786458	5.008229	4.924804	4.925811
#3	150.6170	5.069939	4.767544	4.800490	5.108403	4.827115	4.981003

Sample Name: CCV057 Acquired: 3/22/2018 12:49:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.882838	4.996340	4.966672
Stddev	.030914	.008160	.008313
%RSD	.6331142	.1633107	.1673804

#1	4.915865	4.994106	4.974944
#2	4.854594	4.989530	4.958318
#3	4.878055	5.005384	4.966752

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1477.296	2789.341	34345.33	7495.657	2935.681
Stddev	7.773	3.493	166.87	37.001	.012
%RSD	.5261498	.1252155	.4858622	.4936310	.0003972

#1	1481.406	2790.273	34317.26	7471.825	2935.669
#2	1482.151	2785.477	34524.45	7476.864	2935.681
#3	1468.331	2792.274	34194.26	7538.283	2935.692

Sample Name: CCB057 Acquired: 3/22/2018 12:52:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001022	.0019984	.0005614	.0016367	.0003213	-.004839	.0002209
Stddev	.002386	.0007208	.0011421	.0023171	.0010515	.003172	.0009757
%RSD	233.4721	36.07035	203.4522	141.5716	327.2862	65.55413	441.6378

#1	.000120	.0027681	.0003059	.0038063	-.000859	-.002855	-.000377
#2	-.003765	.0018877	.0018096	.0019077	.000666	-.003164	-.000307
#3	.000578	.0013393	-.000431	-.000804	.001157	-.008497	.001347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000060	.0001007	-.002189	-.000050	-.000048	.0011990	.0035466
Stddev	.000085	.0000675	.005596	.000681	.000207	.0023250	.0090588
%RSD	140.6321	67.05168	255.6835	1370.877	431.6682	193.9090	255.4213

#1	.000037	.0001706	-.002097	-.000342	-.000095	-.001428	-.005916
#2	-.000105	.0000358	-.007831	-.000536	.000179	.002993	.004418
#3	-.000113	.0000959	.003361	.000728	-.000227	.002032	.012138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000193	-.005755	-.000359	-.000131	.0276310	-.001598	.0029466
Stddev	.000177	.002874	.000439	.000058	.2242124	.006181	.0017578
%RSD	91.67625	49.93373	122.3652	43.78594	811.4531	386.7620	59.65563

#1	.000006	-.007294	-.000313	-.000160	.2075936	-.001772	.0044236
#2	-.000332	-.007531	.000056	-.000065	.0988368	-.007690	.0010024
#3	-.000255	-.002439	-.000819	-.000169	-.223537	.004668	.0034139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.044839	-.000935	.0050511	.0002990	.0049613	-.000699	.0008138
Stddev	.040647	.000737	.0011468	.0001093	.0034874	.001097	.0005188
%RSD	90.65020	78.82442	22.70351	36.54367	70.29179	157.0639	63.75588

#1	-.075198	-.001376	.0038499	.0002717	.0009465	-.000119	.0011878
#2	.001339	-.001346	.0061344	.0004194	.0072381	-.000013	.0010320
#3	-.060659	-.000084	.0051691	.0002060	.0066994	-.001964	.0002215

Sample Name: CCB057 Acquired: 3/22/2018 12:52:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016607	.0010805	-.000108
Stddev	.0013777	.0004466	.000060
%RSD	82.95687	41.33213	55.50768

#1	.0008054	.0005732	-.000075
#2	.0032500	.0012539	-.000073
#3	.0009267	.0014144	-.000178

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.944	3320.638	38910.13	7890.800	4033.631
Stddev	13.817	7.371	245.88	46.610	14.470
%RSD	.7913587	.2219695	.6319162	.5906879	.3587301

#1	1733.017	3326.136	38628.93	7941.950	4041.884
#2	1760.505	3323.514	39016.79	7879.725	4042.087
#3	1744.309	3312.262	39084.68	7850.725	4016.923

Sample Name: J1968-05 Acquired: 3/22/2018 12:57:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003265	-.096143	.1519199	-.006599	.0037015	182.1274	1.277548
Stddev	.001706	.002918	.0022596	.002373	.0015093	.4596	.001076
%RSD	52.24237	3.034571	1.487334	35.95911	40.77599	.2523726	.0841866

#1	-.002081	-.098106	.1544883	-.004258	.0023335	182.5511	1.278177
#2	-.005220	-.092790	.1502379	-.006535	.0053206	181.6387	1.278160
#3	-.002493	-.097532	.1510335	-.009003	.0034505	182.1923	1.276306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147708	.0053593	.0416566	.1877076	.2567116	.0269621	258.6850
Stddev	.0000835	.0001453	.0120769	.0018324	.0010899	.0006059	1.4745
%RSD	.5652085	2.711023	28.99167	.9761749	.4245546	2.247407	.5699891

#1	.0147121	.0052959	.0537058	.1872171	.2557855	.0262989	258.4289
#2	.0148664	.0052565	.0295521	.1861704	.2564368	.0271006	260.2707
#3	.0147339	.0055255	.0417119	.1897353	.2579126	.0274869	257.3552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.066072	58.00308	.3063930	.0000344	2.032440	.3339286	.7307755
Stddev	.022707	.35543	.0007346	.0001233	.025460	.0022031	.0143242
%RSD	.7405877	.6127717	.2397749	358.1018	1.252698	.6597559	1.960136

#1	3.060512	57.80980	.3071790	.0000565	2.059552	.3347273	.7470006
#2	3.091042	58.41327	.3062762	-.000098	2.028729	.3356210	.7254456
#3	3.046661	57.78618	.3057237	.000145	2.009038	.3314376	.7198803

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.95689	2.407296	-.029946	-.000111	.4371132	4.390204	-.023398
Stddev	.08515	.011871	.005795	.000148	.0010216	.012239	.003534
%RSD	.1106405	.4931453	19.35230	132.7284	.2337051	.2787766	15.10558

#1	77.05116	2.419234	-.029678	-.000023	.4360359	4.376076	-.027164
#2	76.88557	2.395493	-.024290	-.000029	.4372359	4.397576	-.022879
#3	76.93393	2.407161	-.035871	-.000282	.4380679	4.396959	-.020152

Sample Name: J1968-05 Acquired: 3/22/2018 12:57:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	16.27809	.0411595	.0064048
Stddev	.03590	.0005504	.0000605
%RSD	.2205219	1.337194	.9444678

#1	16.31486	.0417077	.0063550
#2	16.24314	.0406070	.0063872
#3	16.27626	.0411637	.0064721

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3909.153	7412.650	86985.92	18423.04	3339.304
Stddev	16.152	14.095	389.28	75.46	7.407
%RSD	.4131896	.1901515	.4475263	.4095707	.2217989

#1	3913.898	7404.867	87222.42	18483.91	3336.088
#2	3891.159	7428.921	86536.63	18338.62	3347.775
#3	3922.401	7404.162	87198.72	18446.59	3334.049

Sample Name: J1968-06 Acquired: 3/22/2018 13:01:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020476	-.094740	.1490815	-.004610	.0035967	182.0031	1.269653
Stddev	.0024862	.004766	.0032947	.000777	.0005722	.2417	.005060
%RSD	121.4190	5.030427	2.209964	16.84462	15.90970	.1328013	.3985567

#1	.0036079	-.090224	.1522946	-.004203	.0035514	182.1226	1.271219
#2	.0033543	-.094274	.1457110	-.004123	.0041903	182.1618	1.273745
#3	-.000819	-.099721	.1492388	-.005506	.0030485	181.7250	1.263995

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147723	.0055921	.0557673	.1877719	.2561810	.0260704	256.9914
Stddev	.0001223	.0002489	.0174925	.0004494	.0013780	.0019474	.3630
%RSD	.8276018	4.450185	31.36686	.2393405	.5379125	7.469615	.1412584

#1	.0146825	.0058762	.0384983	.1882242	.2565932	.0272919	256.5722
#2	.0149115	.0054868	.0553287	.1873254	.2546439	.0238247	257.1975
#3	.0147227	.0054131	.0734750	.1877660	.2573059	.0270947	257.2044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.052451	57.64395	.3051118	-.000097	2.003173	.3336718	.7293623
Stddev	.003318	.14308	.0017621	.000254	.138661	.0032507	.0106238
%RSD	.1087137	.2482104	.5775263	261.1984	6.922052	.9742333	1.456582

#1	3.052543	57.48163	.3052829	-.000091	1.978703	.3328601	.7404469
#2	3.049087	57.75178	.3032703	-.000354	1.878376	.3309039	.7192688
#3	3.055722	57.69843	.3067820	.000154	2.152440	.3372515	.7283713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.83034	2.324460	-.036328	-.000115	.4171825	4.396303	-.017119
Stddev	.07280	.039006	.007362	.000071	.0099854	.038721	.001256
%RSD	.0947604	1.678062	20.26601	62.04778	2.393534	.8807612	7.336212

#1	76.76629	2.298975	-.028204	-.000159	.4152700	4.351704	-.017642
#2	76.90952	2.305040	-.038221	-.000153	.4082917	4.421350	-.018030
#3	76.81519	2.369363	-.042559	-.000033	.4279859	4.415854	-.015686

Sample Name: J1968-06 Acquired: 3/22/2018 13:01:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	16.23404	.0408241	.0063914
Stddev	.03162	.0004924	.0000304
%RSD	.1948005	1.206048	.4761370

#1	16.21103	.0413813	.0063844
#2	16.27010	.0404478	.0063651
#3	16.22098	.0406431	.0064248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.708	7438.083	87315.46	18509.33	3358.373
Stddev	21.158	18.141	182.07	119.69	10.611
%RSD	.5400573	.2438971	.2085239	.6466327	.3159488

#1	3927.617	7422.393	87488.43	18625.90	3351.108
#2	3932.094	7433.909	87125.48	18515.36	3370.550
#3	3893.414	7457.948	87332.48	18386.75	3353.461

Sample Name: J1968-07 Acquired: 3/22/2018 13:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378844	.0109159	.1892926	.0426100	.0983476	181.7182	3.221842
Stddev	.0028086	.0036890	.0024445	.0026526	.0012473	.7811	.003413
%RSD	7.413713	33.79490	1.291407	6.225214	1.268262	.4298215	.1059455

#1	.0394592	.0151252	.1893046	.0446470	.0994350	180.8166	3.222338
#2	.0346417	.0082456	.1868420	.0435725	.0969860	182.1886	3.224979
#3	.0395524	.0093768	.1917310	.0396106	.0986217	182.1494	3.218207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0607659	.1216711	.0647303	.3817516	1.373435	.2636969	254.7270
Stddev	.0003432	.0003617	.0258717	.0009920	.003304	.0018340	1.3028
%RSD	.5648552	.2972409	39.96843	.2598649	.2405960	.6955081	.5114650

#1	.0604072	.1212555	.0348927	.3828799	1.370873	.2656648	256.1309
#2	.0610913	.1218432	.0783713	.3810161	1.372266	.2633907	254.4932
#3	.0607991	.1219146	.0809269	.3813589	1.377164	.2620352	253.5569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.471957	56.67604	1.423018	.0458567	1.961142	.8238293	1.233567
Stddev	.020925	.05732	.006728	.0000349	.104709	.0031479	.008182
%RSD	.6026765	.1011348	.4727917	.0761187	5.339182	.3821018	.6632875

#1	3.495642	56.74160	1.418992	.0458189	2.079607	.8203405	1.230084
#2	3.464247	56.65111	1.419276	.0458877	1.880967	.8246905	1.227703
#3	3.455980	56.63541	1.430785	.0458635	1.922853	.8264569	1.242915

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	75.96777	2.348658	-.027006	-.000367	.4281004	4.164667	-.019356
Stddev	.14329	.024434	.004855	.000094	.0056728	.027281	.001669
%RSD	.1886182	1.040340	17.97799	25.56841	1.325107	.6550520	8.625139

#1	75.86682	2.324738	-.021616	-.000259	.4260784	4.137982	-.018684
#2	76.13177	2.347660	-.031036	-.000430	.4237157	4.192507	-.018127
#3	75.90471	2.373575	-.028367	-.000412	.4345072	4.163512	-.021256

Sample Name: J1968-07 Acquired: 3/22/2018 13:04:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	15.99735	.0412915	.0063244
Stddev	.03031	.0003318	.0000381
%RSD	.1894463	.8036110	.6032385

#1	15.96293	.0409313	.0063296
#2	16.02002	.0415848	.0063596
#3	16.00910	.0413582	.0062838

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.667	7381.633	87118.13	18572.43	3374.053
Stddev	17.458	13.691	196.54	60.51	4.835
%RSD	.4484951	.1854803	.2255978	.3258284	.1432953

#1	3872.557	7367.151	86949.95	18595.41	3376.721
#2	3903.931	7394.366	87334.18	18503.79	3376.965
#3	3901.514	7383.382	87070.26	18618.08	3368.472

Sample Name: J1968-05LX5 Acquired: 3/22/2018 13:09:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023694	-.013001	.0292608	-.001271	.0017598	62.79525	.4480010
Stddev	.0075503	.001463	.0008613	.001296	.0008841	.34983	.0018116
%RSD	318.6537	11.25206	2.943670	101.9258	50.23924	.5570925	.4043861

#1	-.003566	-.011436	.0301490	.000127	.0010887	62.40783	.4499421
#2	-.000193	-.013232	.0284291	-.002431	.0014291	63.08800	.4477059
#3	.010867	-.014335	.0292043	-.001509	.0027615	62.88992	.4463550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053392	-.000571	.0137531	.0756027	.0431095	.0103218	93.96359
Stddev	.0000454	.000096	.0133598	.0004955	.0003024	.0014106	.64860
%RSD	.8496287	16.83121	97.14029	.6553975	.7014519	13.66629	.6902723

#1	.0053178	-.000547	-.001277	.0761524	.0434550	.0109524	94.65163
#2	.0053913	-.000489	.024277	.0754653	.0429801	.0113071	93.87578
#3	.0053084	-.000677	.018259	.0751905	.0428933	.0087059	93.36336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.104971	20.35029	.0654873	.0000806	.5914643	.1193525	.2591213
Stddev	.014672	.12119	.0005206	.0002182	.0806412	.0064896	.0070409
%RSD	1.327817	.5955281	.7950135	270.6312	13.63417	5.437367	2.717224

#1	1.119395	20.48306	.0653091	-.000161	.6782231	.1129613	.2565188
#2	1.105456	20.32219	.0660736	.000139	.5187986	.1191600	.2537522
#3	1.090063	20.24561	.0650791	.000264	.5773711	.1259363	.2670930

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.25957	.4320203	-.010179	.0009411	.0830132	1.572085	.0050102
Stddev	.07491	.0058928	.002117	.0002992	.0027905	.015081	.0022108
%RSD	.2852584	1.364011	20.79634	31.79038	3.361544	.9593227	44.12622

#1	26.27367	.4349206	-.007845	.0010729	.0823449	1.577159	.0041078
#2	26.32643	.4359009	-.011975	.0005987	.0860772	1.583975	.0075294
#3	26.17862	.4252395	-.010718	.0011518	.0806175	1.555121	.0033933

Sample Name: J1968-05LX5 Acquired: 3/22/2018 13:09:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.694819	.0145676	.0022636
Stddev	.029242	.0002048	.0000538
%RSD	.5134837	1.405594	2.377671

#1	5.672938	.0144812	.0022249
#2	5.728031	.0144201	.0022408
#3	5.683489	.0148014	.0023250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2180.463	4174.695	48681.76	10058.84	3786.366
Stddev	7.534	11.181	143.22	64.23	9.258
%RSD	.3455118	.2678374	.2942054	.6385435	.2444982

#1	2171.767	4167.538	48516.38	10045.54	3777.163
#2	2185.020	4168.968	48764.23	10002.29	3786.258
#3	2184.602	4187.580	48764.67	10128.67	3795.677

Sample Name: J1609-13DLX2 Acquired: 3/22/2018 13:14:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731006	-.001718	4.899497	.0027602	.0071535	98.19110	15.89087
Stddev	.0032569	.001852	.035232	.0005580	.0011866	.32263	.06868
%RSD	4.455324	107.7844	.7190947	20.21642	16.58709	.3285708	.4321707

#1	.0710119	.000300	4.886008	.0023423	.0071328	98.06579	15.83347
#2	.0714366	-.003340	4.873002	.0025444	.0083503	98.55759	15.96695
#3	.0768533	-.002114	4.939480	.0033938	.0059774	97.94993	15.87217

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073139	.0164774	55.64868	.1298050	.1135053	.2521990	145.9124
Stddev	.0000770	.0001687	.26038	.0010309	.0011884	.0044886	.6851
%RSD	1.052741	1.023664	.4679006	.7942206	1.046968	1.779785	.4695199

#1	.0073411	.0165520	55.71469	.1288210	.1133065	.2572597	145.4840
#2	.0072270	.0162843	55.36165	.1308772	.1124289	.2506378	145.5506
#3	.0073736	.0165960	55.86971	.1297168	.1147806	.2486994	146.7025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.138682	26.03013	.1332592	.0018789	1.013400	.3514081	23.17605
Stddev	.050772	.10786	.0002061	.0000658	.056835	.0046005	.23875
%RSD	.6238416	.4143711	.1546624	3.504325	5.608390	1.309169	1.030148

#1	8.133878	26.00522	.1330465	.0018236	.992856	.3479488	23.44996
#2	8.090482	25.93690	.1334580	.0018613	.969692	.3496464	23.06611
#3	8.191686	26.14826	.1332731	.0019517	1.077650	.3566291	23.01207

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98444	5.287634	.0243462	.0045410	6.679751	18.24061	.0199821
Stddev	.06226	.005360	.0017507	.0004165	.027857	.23552	.0010795
%RSD	.5668098	.1013713	7.190775	9.171506	.4170305	1.291201	5.402507

#1	10.91414	5.281936	.0249116	.0047332	6.696691	18.16241	.0189850
#2	11.03265	5.288392	.0257442	.0040631	6.647600	18.05414	.0198328
#3	11.00651	5.292575	.0223826	.0048266	6.694961	18.50529	.0211285

Sample Name: J1609-13DLX2 Acquired: 3/22/2018 13:14:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6J2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9952503	.0669967	.1417830
Stddev	.0028077	.0005602	.0000528
%RSD	.2821109	.8361825	.0372683

#1	.9923176	.0663723	.1417970
#2	.9955198	.0674552	.1418275
#3	.9979136	.0671627	.1417246

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.821	3534.936	41534.85	8706.835	3689.889
Stddev	12.796	15.143	198.60	43.490	26.233
%RSD	.6913451	.4283755	.4781417	.4994902	.7109336

#1	1836.294	3546.744	41358.76	8755.639	3702.034
#2	1860.418	3540.200	41495.68	8692.679	3707.849
#3	1855.752	3517.864	41750.12	8672.186	3659.785

Sample Name: J1610-04DLX2 Acquired: 3/22/2018 13:19:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0334131	-.007101	3.017833	.0000615	.0075430	9.749103
Stddev	.0050135	.001715	.021256	.0017061	.0020345	.059839
%RSD	15.00470	24.15640	.7043404	2776.365	26.97169	.6137848

#1	.0381937	-.005300	3.004897	.0020262	.0098911	9.809715
#2	.0281953	-.007286	3.006237	-.001046	.0064297	9.747527
#3	.0338502	-.008715	3.042365	-.000796	.0063081	9.690069

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.28591	.0013527	.0442669	F 976.0473	.0158919	.0145860
Stddev	.20558	.0001220	.0003019	6.6855	.0011907	.0002451
%RSD	1.344907	9.019019	.6819162	.6849533	7.492705	1.680643

#1	15.50753	.0014817	.0439727	983.5715	.0148981	.0147688
#2	15.10143	.0013372	.0442519	973.7803	.0172117	.0143075
#3	15.24878	.0012392	.0445759	970.7900	.0155660	.0146818

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1267601	68.90063	1.993923	546.1468	.0440058	.0013911
Stddev	.0044087	.78457	.013795	5.1156	.0001779	.0002193
%RSD	3.478014	1.138692	.6918368	.9366674	.4043614	15.76253

#1	.1309262	69.75411	2.009021	551.8075	.0439241	.0013065
#2	.1221434	68.73698	1.990770	544.7781	.0438834	.0012267
#3	.1272107	68.21079	1.981978	541.8547	.0442099	.0016400

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.896982	.0801679	8.025580	.6364922	1.138182	.0227488
Stddev	.144354	.0084725	.030518	.0864442	.014333	.0028638
%RSD	7.609641	10.56845	.3802630	13.58135	1.259276	12.58893

#1	1.957825	.0876406	7.993174	.7305664	1.121702	.0255980
#2	1.732167	.0709632	8.029795	.6183538	1.145113	.0198706
#3	2.000954	.0818999	8.053772	.5605564	1.147733	.0227777

Sample Name: J1610-04DLX2 Acquired: 3/22/2018 13:19:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117190	14.97696	9.827499	-.002550	.1550708	.0248703
Stddev	.0001537	.22377	.015162	.001856	.0009780	.0002579
%RSD	1.311446	1.494123	.1542856	72.78649	.6306698	1.036805

#1	.0118921	14.76206	9.842130	-.003461	.1539852	.0245843
#2	.0116661	14.96016	9.828512	-.000415	.1558831	.0250851
#3	.0115987	15.20866	9.811856	-.003775	.1553440	.0249415

Elem	Sr4077
Units	ppm
Avg	.5110825
Stddev	.0049818
%RSD	.9747512

#1	.5168103
#2	.5077579
#3	.5086792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.321	2841.377	34241.72	7526.589	3011.267
Stddev	3.392	8.417	95.28	55.362	13.497
%RSD	.2260532	.2962174	.2782696	.7355584	.4482228

#1	1499.192	2846.484	34335.42	7462.894	3020.380
#2	1504.133	2845.984	34144.92	7553.725	3017.661
#3	1497.639	2831.662	34244.83	7563.148	2995.762

Sample Name: J1610-05DLX2 Acquired: 3/22/2018 13:23:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678420	.0040399	1.444658	.0018628	.0041926	46.73305	9.332533
Stddev	.0010774	.0003318	.003439	.0020776	.0005571	.16896	.352584
%RSD	1.588075	8.214007	.2380237	111.5261	13.28731	.3615324	3.778012

#1	.0665980	.0036686	1.445901	-.000535	.0036697	46.61653	9.273754
#2	.0684713	.0041434	1.440770	.003133	.0047785	46.65579	9.710812
#3	.0684567	.0043076	1.447302	.002990	.0041295	46.92682	9.013032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050466	.0039397	40.56539	.1010504	.0877260	.1512272	110.1028
Stddev	.0000329	.0000482	.23978	.0011430	.0003818	.0024033	.4599
%RSD	.6521249	1.223717	.5910993	1.131131	.4352305	1.589208	.4177366

#1	.0050845	.0038942	40.54552	.1002655	.0873421	.1523281	110.4912
#2	.0050304	.0039902	40.33617	.1005239	.0881057	.1528829	109.5949
#3	.0050249	.0039347	40.81449	.1023618	.0877302	.1484707	110.2224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.656747	18.89811	.0852814	.0010294	.8651907	.1978390	2.039378
Stddev	.054321	.01163	.0000830	.0004800	.1346586	.0019746	.024320
%RSD	.6275025	.0615533	.0972808	46.62870	15.56404	.9980932	1.192511

#1	8.667387	18.89673	.0851975	.0006299	.7885988	.1956797	2.043648
#2	8.597893	18.88723	.0853634	.0008963	.7862979	.1982845	2.061280
#3	8.704961	18.91037	.0852833	.0015618	1.020675	.1995528	2.013206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.879830	3.827609	.0033075	.0049718	4.800795	19.22374	.0043897
Stddev	.031647	.024828	.0016202	.0003144	.028330	.19409	.0006972
%RSD	.5382286	.6486454	48.98652	6.322821	.5901144	1.009612	15.88221

#1	5.913000	3.819340	.0037083	.0050313	4.801886	19.09059	.0036264
#2	5.876525	3.855516	.0046897	.0052521	4.828563	19.13420	.0049928
#3	5.849966	3.807972	.0015245	.0046319	4.771935	19.44643	.0045499

Sample Name: J1610-05DLX2 Acquired: 3/22/2018 13:23:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9195418	.0286533	.1507246
Stddev	.0081369	.0016313	.0004978
%RSD	.8848904	5.693350	.3302360

#1	.9120995	.0277260	.1507516
#2	.9182962	.0276970	.1502140
#3	.9282298	.0305369	.1512084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.797	3500.592	41189.04	8543.402	3797.105
Stddev	12.019	5.261	190.82	69.938	8.275
%RSD	.6539867	.1502960	.4632689	.8186257	.2179273

#1	1845.812	3501.156	41162.35	8564.132	3797.009
#2	1823.977	3505.548	41012.98	8600.633	3805.427
#3	1843.601	3495.071	41391.80	8465.442	3788.878

Sample Name: J1610-06DLX2 Acquired: 3/22/2018 13:27:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0621365	.0034784	1.453317	.0010946	.0047490	46.84772	9.750957
Stddev	.0040413	.0032438	.006047	.0032815	.0022913	.21418	.363791
%RSD	6.503849	93.25731	.4161092	299.7900	48.24785	.4571760	3.730820

#1	.0637821	.0057194	1.451886	-.002691	.0035286	46.60284	10.17048
#2	.0650954	.0049571	1.448113	.003126	.0073922	47.00012	9.55969
#3	.0575321	-.000241	1.459951	.002849	.0033263	46.94020	9.52270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050863	.0039483	40.78294	.1024547	.0881108	.1522389	111.1369
Stddev	.0001182	.0001499	.12296	.0019439	.0005854	.0030037	.1283
%RSD	2.324561	3.796209	.3015082	1.897370	.6643814	1.973044	.1154640

#1	.0050541	.0039735	40.85426	.1046547	.0875688	.1515736	111.1591
#2	.0052173	.0037874	40.64096	.1017403	.0880318	.1555195	111.2526
#3	.0049876	.0040840	40.85361	.1009689	.0887316	.1496236	110.9989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.716916	19.07165	.0863296	.0009448	.9062457	.2039369	2.033305
Stddev	.009075	.20554	.0011895	.0004220	.2013023	.0033323	.062269
%RSD	.1041135	1.077739	1.377919	44.66462	22.21277	1.634003	3.062475

#1	8.723466	18.92685	.0858522	.0008262	.7208574	.2010298	1.962044
#2	8.706557	19.30691	.0854528	.0005948	.8775068	.2032073	2.060633
#3	8.720726	18.98119	.0876836	.0014134	1.120373	.2075736	2.077237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.863554	3.767149	.0053296	.0050646	4.733476	19.25550	.0041192
Stddev	.043428	.022747	.0012596	.0005650	.040111	.04129	.0008765
%RSD	.7406503	.6038233	23.63333	11.15659	.8473903	.2144579	21.27830

#1	5.884503	3.761211	.0049595	.0056250	4.729046	19.30204	.0031880
#2	5.813622	3.747960	.0042965	.0044950	4.695764	19.22324	.0042416
#3	5.892537	3.792276	.0067328	.0050738	4.775618	19.24122	.0049281

Sample Name: J1610-06DLX2 Acquired: 3/22/2018 13:27:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9223961	.0288756	.1512787
Stddev	.0037800	.0008056	.0002628
%RSD	.4098030	2.789946	.1737109

#1	.9183758	.0298007	.1511800
#2	.9229345	.0284974	.1515766
#3	.9258780	.0283287	.1510796

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.042	3499.737	41381.70	8562.708	3804.121
Stddev	14.450	14.865	205.66	60.180	16.565
%RSD	.7840403	.4247336	.4969886	.7028156	.4354599

#1	1856.824	3508.770	41154.56	8499.051	3807.955
#2	1828.005	3507.860	41435.25	8570.401	3818.434
#3	1844.298	3482.581	41555.29	8618.672	3785.975

Sample Name: J1610-07DLX2 Acquired: 3/22/2018 13:31:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1058929	.0575278	1.442661	.0560828	.1069458	47.87326	10.65889
Stddev	.0034648	.0037095	.016656	.0036784	.0009322	.48949	.15696
%RSD	3.271961	6.448285	1.154539	6.558952	.8716717	1.022481	1.472529

#1	.1063876	.0601273	1.449480	.0603150	.1059856	48.27251	10.83877
#2	.1022074	.0532797	1.423678	.0536548	.1070045	48.02012	10.58817
#3	.1090838	.0591763	1.454826	.0542785	.1078472	47.32714	10.54974

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570256	.0592288	39.77010	.3207883	.6271495	.4148541	109.2738
Stddev	.0017555	.0006270	.19780	.0008497	.0060000	.0043644	.3510
%RSD	3.078376	1.058656	.4973589	.2648833	.9567016	1.052045	.3212382

#1	.0586935	.0592192	39.94388	.3201932	.6281946	.4194546	109.6575
#2	.0571895	.0586067	39.81156	.3217614	.6206957	.4143358	108.9688
#3	.0551940	.0598606	39.55486	.3204102	.6325582	.4107720	109.1951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.082904	18.55742	.6324342	.0502332	.6927330	.7382591	2.525053
Stddev	.027056	.07826	.0056636	.0002440	.2366953	.0045428	.025304
%RSD	.2978736	.4217268	.8955180	.4858217	34.16833	.6153374	1.002124

#1	9.110610	18.59393	.6332661	.0504155	.8866293	.7434350	2.503612
#2	9.081550	18.61075	.6264007	.0499559	.4289681	.7364095	2.518583
#3	9.056550	18.46757	.6376358	.0503282	.7626014	.7349330	2.552964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.816486	3.748516	.0031467	.0053562	4.681134	19.21092	.0032157
Stddev	.041621	.030973	.0054695	.0002524	.028989	.50495	.0013839
%RSD	.7155676	.8262647	173.8163	4.711602	.6192830	2.628445	43.03667

#1	5.860798	3.724665	-.001881	.0056021	4.682393	19.67324	.0047839
#2	5.810442	3.737363	.002350	.0050979	4.651535	19.28743	.0026972
#3	5.778218	3.783521	.008971	.0053688	4.709473	18.67208	.0021658

Sample Name: J1610-07DLX2 Acquired: 3/22/2018 13:31:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9124148	.0299143	.1481289
Stddev	.0115123	.0000891	.0007715
%RSD	1.261742	.2977366	.5208162

#1	.9220490	.0298209	.1488019
#2	.9155300	.0299238	.1482979
#3	.8996655	.0299982	.1472870

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.181	3526.683	41499.61	8556.774	3829.155
Stddev	17.118	29.303	286.84	143.879	30.759
%RSD	.9202089	.8309064	.6911764	1.681459	.8032808

#1	1868.189	3506.880	41753.19	8409.657	3816.214
#2	1871.826	3560.345	41557.34	8563.486	3864.271
#3	1840.527	3512.824	41188.30	8697.180	3806.982

Sample Name: J1610-05LDLX10 Acquired: 3/22/2018 13:35:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147185	.0019625	.2923476	.0030489	.0007086	9.972267	1.921299
Stddev	.0057726	.0009909	.0011897	.0052720	.0008378	.127770	.048122
%RSD	39.21987	50.49190	.4069513	172.9156	118.2312	1.281250	2.504648

#1	.0186839	.0011871	.2910816	.0051283	-.000232	9.828884	1.972161
#2	.0080958	.0016215	.2925186	-.002946	.001374	10.07406	1.876490
#3	.0173758	.0030789	.2934425	.006964	.000984	10.01386	1.915245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010695	.0008394	8.620019	.0304288	.0173730	.0320810	23.60066
Stddev	.0001018	.0000750	.029463	.0004588	.0001829	.0028606	.21906
%RSD	9.517872	8.929523	.3417928	1.507678	1.052616	8.916744	.9281985

#1	.0011705	.0008836	8.598314	.0305705	.0174236	.0288425	23.36674
#2	.0010710	.0008817	8.608185	.0299159	.0175252	.0342634	23.63423
#3	.0009670	.0007528	8.653559	.0308000	.0171701	.0331371	23.80099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.861345	4.046390	.0218472	-.000041	.2147483	.0424078	.4235313
Stddev	.017650	.058786	.0001630	.000379	.4229218	.0011728	.0322650
%RSD	.9482177	1.452789	.7459592	916.4542	196.9383	2.765406	7.618087

#1	1.850251	4.113822	.0219808	-.000310	-.273069	.0434090	.3863846
#2	1.852086	4.005936	.0218951	.000392	.438954	.0426968	.4445792
#3	1.881697	4.019411	.0216656	-.000206	.478361	.0411175	.4396300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.145925	.7460752	-.004121	.0021811	.9432595	4.290278	.0009331
Stddev	.056367	.0079629	.002969	.0001896	.0005860	.248245	.0006216
%RSD	4.918946	1.067299	72.04928	8.694877	.0621275	5.786214	66.61784

#1	1.204255	.7434042	-.007549	.0021437	.9427320	4.572572	.0003734
#2	1.141768	.7397913	-.002471	.0023866	.9431561	4.106024	.0008237
#3	1.091751	.7550302	-.002344	.0020129	.9438903	4.192239	.0016021

Sample Name: J1610-05LDLX10 Acquired: 3/22/2018 13:35:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1973481	.0066800	.0322075
Stddev	.0024735	.0004730	.0005627
%RSD	1.253375	7.081155	1.747043

#1	.1946842	.0069353	.0315580
#2	.1977879	.0061342	.0325184
#3	.1995722	.0069705	.0325461

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.757	3394.667	40107.32	7924.402	4014.677
Stddev	13.681	8.419	126.59	415.639	2.793
%RSD	.7626862	.2480080	.3156383	5.245053	.0695662

#1	1807.253	3386.514	40219.92	7448.226	4014.085
#2	1794.120	3394.159	40131.75	8214.432	4017.719
#3	1779.898	3403.329	39970.29	8110.549	4012.228

Sample Name: J1988-05 Acquired: 3/22/2018 13:39:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2176347	-.013172	.1556176	.0032466	.0178287	203.8896	1.052914
Stddev	.0018936	.001679	.0016317	.0007849	.0023636	.4817	.003997
%RSD	.8700648	12.74440	1.048523	24.17560	13.25713	.2362768	.3796447

#1	.2193819	-.015069	.1549072	.0027981	.0199103	203.9096	1.056330
#2	.2178994	-.012571	.1544615	.0041529	.0152593	203.3981	1.048517
#3	.2156227	-.011877	.1574840	.0027888	.0183165	204.3610	1.053894

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073798	-.000637	51.81306	.2387045	.1747181	.6340560	289.4740
Stddev	.0002186	.000129	.14900	.0015434	.0005599	.0042953	.8596
%RSD	2.962626	20.33623	.2875713	.6465843	.3204807	.6774396	.2969693

#1	.0075702	-.000584	51.91070	.2395127	.1751257	.6335262	290.1528
#2	.0071410	-.000542	51.64156	.2396760	.1740797	.6300501	288.5074
#3	.0074282	-.000784	51.88692	.2369248	.1749491	.6385916	289.7617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.419914	33.77233	.1658667	.0037873	2.454573	.7175140	.8726216
Stddev	.026784	.15363	.0009291	.0001048	.099456	.0044970	.0149079
%RSD	.3609695	.4548997	.5601638	2.767348	4.051857	.6267412	1.708406

#1	7.432547	33.80797	.1669183	.0037379	2.350110	.7130977	.8554110
#2	7.389150	33.90501	.1655248	.0039077	2.465487	.7173569	.8815286
#3	7.438044	33.60402	.1651569	.0037164	2.548122	.7220875	.8809253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.935316	6.987276	-.022336	.0000108	2.655889	1.567647	.0078877
Stddev	.044589	.024679	.003429	.0002668	.011037	.016291	.0015166
%RSD	.4990202	.3531994	15.35369	2468.903	.4155835	1.039208	19.22797

#1	8.893327	6.976124	-.026291	.0001357	2.643365	1.586230	.0080715
#2	8.930507	7.015563	-.020526	-.000296	2.664199	1.555824	.0062875
#3	8.982115	6.970142	-.020191	.000192	2.660103	1.560886	.0093040

Sample Name: J1988-05 Acquired: 3/22/2018 13:39:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR90 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.137424	.0617696	.6200649
Stddev	.004517	.0003498	.0009281
%RSD	.3971326	.5663048	.1496802

#1	1.132666	.0613700	.6209871
#2	1.137953	.0619190	.6191309
#3	1.141653	.0620200	.6200767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.070	3543.279	42526.03	8935.665	3655.452
Stddev	17.099	8.348	144.99	39.207	9.552
%RSD	.9123841	.2356109	.3409556	.4387718	.2613180

#1	1884.849	3533.658	42585.02	8891.533	3645.041
#2	1854.355	3547.567	42360.83	8966.479	3663.812
#3	1883.007	3548.612	42632.23	8948.982	3657.502

Sample Name: J1988-06 Acquired: 3/22/2018 13:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR90D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2176953	-.010879	.1562359	-.001224	.0176403	204.7499	1.050128
Stddev	.0051800	.003547	.0024067	.005344	.0030167	1.0555	.002657
%RSD	2.379490	32.60068	1.540400	436.7727	17.10128	.5155011	.2529817

#1	.2152138	-.014910	.1540070	-.004475	.0148756	203.5326	1.052680
#2	.2142229	-.008234	.1559131	.004944	.0208578	205.3064	1.050325
#3	.2236493	-.009494	.1587877	-.004141	.0171875	205.4106	1.047378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071922	-.000746	51.77686	.2382739	.1752123	.6317502	289.6889
Stddev	.0000489	.000082	.06304	.0012875	.0007059	.0025375	1.1312
%RSD	.6799313	10.95098	.1217546	.5403434	.4028965	.4016622	.3904939

#1	.0072414	-.000822	51.70450	.2373827	.1751080	.6294710	290.7804
#2	.0071436	-.000660	51.81990	.2376891	.1745643	.6344844	288.5217
#3	.0071917	-.000756	51.80617	.2397500	.1759646	.6312951	289.7648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.417337	33.69435	.1655578	.0036461	2.556438	.7148814	.8639651
Stddev	.014953	.17863	.0009121	.0005521	.424190	.0073573	.0184791
%RSD	.2015987	.5301400	.5509295	15.14274	16.59300	1.029161	2.138870

#1	7.428491	33.81781	.1645273	.0042822	2.516806	.7086150	.8467860
#2	7.400346	33.48953	.1658848	.0032910	2.153455	.7130467	.8615941
#3	7.423175	33.77571	.1662614	.0033651	2.999053	.7229824	.8835153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.911880	6.951373	-.019995	-.000464	2.650081	1.564645	.0084994
Stddev	.031391	.039738	.006087	.000264	.015048	.008849	.0013387
%RSD	.3522341	.5716634	30.44315	56.93989	.5678336	.5655668	15.75034

#1	8.875633	6.926870	-.015380	-.000511	2.636936	1.560357	.0072286
#2	8.929934	6.997223	-.017712	-.000702	2.666495	1.558756	.0098969
#3	8.930073	6.930025	-.026894	-.000180	2.646812	1.574821	.0083728

Sample Name: J1988-06 Acquired: 3/22/2018 13:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR90D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.139955	.0626856	.6225451
Stddev	.006584	.0006759	.0019225
%RSD	.5775552	1.078215	.3088049

#1	1.134633	.0619632	.6203410
#2	1.137915	.0627911	.6234184
#3	1.147318	.0633026	.6238759

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.309	3540.470	42439.69	8901.712	3658.754
Stddev	7.748	7.483	106.96	35.730	5.300
%RSD	.4142620	.2113475	.2520210	.4013803	.1448492

#1	1876.239	3543.831	42316.24	8877.195	3663.820
#2	1873.146	3545.682	42498.53	8942.707	3659.194
#3	1861.542	3531.896	42504.31	8885.234	3653.248

Sample Name: J1988-07 Acquired: 3/22/2018 13:47:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR90S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2966755	.1004218	.1963011	.0999518	.2171812	205.7127	5.266240
Stddev	.0093398	.0009856	.0002667	.0029626	.0035273	.5163	.018582
%RSD	3.148146	.9814426	.1358712	2.963990	1.624144	.2509963	.3528589

#1	.2862476	.0995888	.1960568	.0966765	.2139249	206.1231	5.283661
#2	.2995073	.1015098	.1965857	.1007345	.2166906	205.8821	5.246681
#3	.3042718	.1001668	.1962609	.1024444	.2209282	205.1330	5.268378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1070355	.1123364	51.22269	.6680002	1.283853	1.149537	288.1062
Stddev	.0003456	.0004191	.13143	.0054817	.003665	.004855	1.1442
%RSD	.3229200	.3730936	.2565799	.8206091	.2854359	.4223543	.3971518

#1	.1074225	.1121123	51.26726	.6654715	1.280607	1.154618	288.1365
#2	.1069265	.1120769	51.07477	.6742898	1.283125	1.144945	286.9470
#3	.1067575	.1128199	51.32603	.6642393	1.287827	1.149046	289.2349

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.407562	33.15193	1.284078	.1016147	2.623995	1.794069	1.964953
Stddev	.029765	.18271	.003009	.0006444	.287948	.000999	.011750
%RSD	.3540215	.5511327	.2343484	.6341084	10.97366	.0557016	.5979556

#1	8.400340	33.13011	1.281551	.1022763	2.394562	1.793203	1.971078
#2	8.382073	32.98112	1.283275	.1015788	2.947121	1.795163	1.951406
#3	8.440273	33.34458	1.287407	.1009891	2.530301	1.793842	1.972374

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.784130	6.891722	-.015185	.0002327	2.614022	1.537975	.0076061
Stddev	.113037	.048149	.005656	.0003102	.023375	.008543	.0018898
%RSD	1.286827	.6986558	37.24378	133.3238	.8941999	.5554678	24.84544

#1	8.868321	6.858255	-.015230	-.000083	2.597265	1.543793	.0092022
#2	8.828412	6.870007	-.020818	.000244	2.604077	1.541965	.0055194
#3	8.655656	6.946904	-.009508	.000537	2.640725	1.528167	.0080966

Sample Name: J1988-07 Acquired: 3/22/2018 13:47:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHR90S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.120505	.0642611	.6132342
Stddev	.000760	.0019408	.0018429
%RSD	.0677937	3.020165	.3005154

#1	1.121378	.0647953	.6152401
#2	1.120144	.0658789	.6128464
#3	1.119994	.0621092	.6116160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.125	3557.386	42056.17	8847.689	3658.882
Stddev	7.020	9.456	103.66	35.047	5.792
%RSD	.3775841	.2658179	.2464814	.3961147	.1582870

#1	1851.606	3565.527	41972.73	8829.877	3664.901
#2	1865.507	3559.618	42023.56	8825.125	3653.348
#3	1860.264	3547.014	42172.21	8888.065	3658.398

Sample Name: J1988-05LX5 Acquired: 3/22/2018 13:51:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR90L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473724	.0003528	.0305784	.0003510	.0032465	40.66035	.2139209
Stddev	.0020284	.0010484	.0015576	.0020213	.0019977	.08377	.0006727
%RSD	4.281838	297.1165	5.093786	575.8955	61.53352	.2060192	.3144670

#1	.0454243	-.000855	.0292882	-.000900	.0030753	40.64977	.2145955
#2	.0472205	.001021	.0301384	-.000729	.0053243	40.58238	.2139171
#3	.0494726	.000893	.0323087	.002683	.0013399	40.74891	.2132501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016245	-.000255	10.68744	.0566619	.0324777	.1312587	61.00258
Stddev	.0000773	.000113	.03901	.0004550	.0000483	.0023934	.38040
%RSD	4.760900	44.32158	.3650423	.8031049	.1485637	1.823450	.6235872

#1	.0016865	-.000174	10.73213	.0569301	.0324427	.1339801	61.30652
#2	.0016491	-.000207	10.66997	.0561365	.0324577	.1303151	61.12524
#3	.0015378	-.000384	10.66021	.0569192	.0325328	.1294808	60.57598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.553534	6.960356	.0351495	.0005085	.5094879	.1474047	.1722614
Stddev	.008462	.063089	.0002906	.0003200	.2460053	.0029373	.0134725
%RSD	.5447166	.9064049	.8268171	62.93369	48.28481	1.992690	7.820949

#1	1.561948	6.997740	.0348151	.0005899	.7577917	.1454681	.1664424
#2	1.553629	6.995813	.0352915	.0007799	.5048248	.1459616	.1626765
#3	1.545025	6.887516	.0353417	.0001556	.2658474	.1507844	.1876654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.656354	1.290050	-.007806	.0010608	.4922513	.3363750	.0019151
Stddev	.057927	.010264	.001615	.0001614	.0027686	.0073992	.0017053
%RSD	3.497262	.7956506	20.68917	15.21533	.5624419	2.199673	89.04670

#1	1.720774	1.278741	-.008716	.0012451	.4948439	.3394947	.0025607
#2	1.608553	1.298777	-.008761	.0009446	.4893351	.3417033	.0032033
#3	1.639736	1.292630	-.005942	.0009928	.4925750	.3279269	-.000019

Sample Name: J1988-05LX5 Acquired: 3/22/2018 13:51:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHR90L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2326024	.0132128	.1264765
Stddev	.0009332	.0003946	.0004257
%RSD	.4011839	2.986306	.3366115

#1	.2318521	.0129058	.1269638
#2	.2323078	.0130746	.1262892
#3	.2336473	.0136578	.1261766

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.575	3442.856	40236.47	8251.348	3965.068
Stddev	10.742	16.997	140.29	95.586	18.722
%RSD	.5952601	.4936903	.3486640	1.158423	.4721857

#1	1802.869	3461.908	40156.87	8160.002	3983.983
#2	1816.068	3437.414	40398.46	8243.370	3964.676
#3	1794.788	3429.247	40154.09	8350.673	3946.544

Sample Name: J1988-08 Acquired: 3/22/2018 13:55:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR91 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2780280	-.008514	.3105767	-.002148	.0169162	169.9128	1.202638
Stddev	.0042984	.002141	.0033379	.004690	.0019536	.3270	.003232
%RSD	1.546043	25.15235	1.074746	218.3105	11.54844	.1924801	.2687353

#1	.2765027	-.008442	.3076310	.002582	.0181636	169.8876	1.200480
#2	.2747003	-.006409	.3098970	-.006797	.0146648	170.2518	1.206354
#3	.2828811	-.010690	.3142021	-.002230	.0179202	169.5992	1.201081

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066847	-.001059	63.42045	.3958810	.1949033	.6008503	310.4843
Stddev	.0001566	.000140	.08830	.0014848	.0035966	.0020411	.8635
%RSD	2.342915	13.24442	.1392278	.3750690	1.845347	.3397081	.2781098

#1	.0065067	-.000909	63.50974	.3974357	.1927145	.6021941	310.5211
#2	.0068012	-.001187	63.41843	.3944776	.1929411	.5985015	309.6029
#3	.0067464	-.001081	63.33318	.3957295	.1990543	.6018553	311.3287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19602	38.08297	.1835492	.0033646	2.852272	.7482068	1.718784
Stddev	.03029	.15001	.0037879	.0002153	.128817	.0095847	.018028
%RSD	.2971060	.3938969	2.063700	6.397998	4.516312	1.281024	1.048898

#1	10.22008	38.25469	.1799543	.0035820	2.720755	.7496253	1.698749
#2	10.16200	38.01677	.1831889	.0031515	2.857851	.7570032	1.733698
#3	10.20597	37.97745	.1875043	.0033604	2.978209	.7379919	1.723904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98719	11.31965	-.010094	.0002164	3.156107	7.863860	.0078264
Stddev	.05535	.24523	.007826	.0001426	.057712	.027607	.0009063
%RSD	.5037702	2.166432	77.53002	65.91704	1.828594	.3510561	11.57970

#1	11.04176	11.22316	-.018003	.0003759	3.144659	7.895661	.0079381
#2	10.98871	11.13733	-.009927	.0001723	3.104977	7.846059	.0086716
#3	10.93109	11.59845	-.002353	.0001010	3.218685	7.849859	.0068694

Sample Name: J1988-08 Acquired: 3/22/2018 13:55:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR91 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.241469	.0595307	.6601622
Stddev	.000846	.0012462	.0003649
%RSD	.0681400	2.093440	.0552806

#1	1.242022	.0603358	.6605826
#2	1.240495	.0580952	.6599776
#3	1.241890	.0601611	.6599265

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.363	3466.432	41486.25	8752.433	3626.053
Stddev	3.277	80.117	81.51	82.885	84.117
%RSD	.1786226	2.311231	.1964848	.9469948	2.319794

#1	1833.010	3507.812	41437.38	8660.193	3674.365
#2	1838.100	3517.398	41580.35	8820.661	3674.870
#3	1831.980	3374.086	41441.01	8776.446	3528.923

Sample Name: J1988-09 Acquired: 3/22/2018 13:59:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR92 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1832156	-.017620	.1536510	.0006664	.0165688	177.8292	1.206349
Stddev	.0103334	.005720	.0021902	.0042847	.0038480	.8169	.006174
%RSD	5.640034	32.46295	1.425405	642.9959	23.22410	.4593975	.5117630

#1	.1760373	-.011763	.1514448	-.003264	.0172212	178.3147	1.211148
#2	.1785504	-.017904	.1536836	.005234	.0124364	176.8860	1.199384
#3	.1950590	-.023193	.1558247	.000030	.0200489	178.2869	1.208514

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090328	-.000688	47.61170	.3073305	.2131181	.6374635	346.3752
Stddev	.0001304	.000420	.36430	.0014812	.0073697	.0069179	1.8231
%RSD	1.443020	61.12583	.7651411	.4819722	3.458027	1.085217	.5263265

#1	.0091597	-.001096	47.93741	.3061360	.2086436	.6431174	348.2742
#2	.0090396	-.000711	47.21831	.3089879	.2090866	.6297496	344.6390
#3	.0088992	-.000256	47.67938	.3068676	.2216240	.6395235	346.2124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.51729	36.69112	.1868745	.0041647	2.644190	.7986539	.8243069
Stddev	.06518	.28175	.0053846	.0002262	.054800	.0054057	.0063540
%RSD	.6197389	.7679098	2.881409	5.432213	2.072457	.6768459	.7708277

#1	10.59141	36.98237	.1823474	.0043241	2.682866	.8014179	.8279781
#2	10.46892	36.41993	.1854472	.0039058	2.581480	.7924251	.8169700
#3	10.49155	36.67108	.1928290	.0042643	2.668223	.8021187	.8279727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.773683	8.359906	-.039849	-.000009	2.669521	7.265640	.0139962
Stddev	.058449	.261740	.006436	.000495	.096031	.088795	.0012792
%RSD	.7518862	3.130897	16.15094	5523.808	3.597294	1.222118	9.139799

#1	7.834239	8.141904	-.044986	-.000569	2.584385	7.367075	.0141128
#2	7.717598	8.287622	-.041931	.000172	2.650559	7.227877	.0152132
#3	7.769212	8.650192	-.032629	.000371	2.773617	7.201970	.0126627

Sample Name: J1988-09 Acquired: 3/22/2018 13:59:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHR92 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.390593	.0571572	.6371150
Stddev	.007082	.0006205	.0038092
%RSD	.5093001	1.085520	.5978890

#1	1.396991	.0578660	.6413532
#2	1.382983	.0567122	.6339769
#3	1.391805	.0568935	.6360148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.329	3613.663	43640.01	9085.422	3618.729
Stddev	7.323	82.882	148.59	78.751	97.370
%RSD	.3783973	2.293573	.3404839	.8667889	2.690732

#1	1934.379	3668.030	43800.23	8994.955	3681.433
#2	1928.527	3654.690	43506.75	9122.683	3668.199
#3	1943.081	3518.270	43613.05	9138.628	3506.555

Sample Name: J1988-10 Acquired: 3/22/2018 14:03:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2286937	-.006029	.2052824	.0012613	.0163404	155.5905	1.289942
Stddev	.0045901	.003769	.0018905	.0058757	.0008015	.3388	.004586
%RSD	2.007074	62.51161	.9209317	465.8640	4.905205	.2177382	.3555384

#1	.2268806	-.003265	.2031597	.0065971	.0154153	155.2375	1.294353
#2	.2252870	-.010322	.2067851	.0022224	.0168271	155.6210	1.285199
#3	.2339133	-.004500	.2059022	-.005036	.0167786	155.9130	1.290275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057409	-.000081	61.59350	.2622701	.1933644	.5388529	309.2693
Stddev	.0000800	.000231	.27163	.0011970	.0011331	.0010188	1.3483
%RSD	1.392560	283.4815	.4409982	.4563834	.5860029	.1890755	.4359710

#1	.0057769	-.000341	61.90458	.2634193	.1920968	.5397499	310.8007
#2	.0056493	-.000002	61.40326	.2623606	.1937175	.5390637	308.2605
#3	.0057966	.000099	61.47266	.2610305	.1942790	.5377452	308.7469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16585	56.84358	.1960056	.0035999	5.980653	.7246203	1.150811
Stddev	.04122	.23501	.0012302	.0004127	.165304	.0117347	.021248
%RSD	.4054777	.4134313	.6276286	11.46433	2.763984	1.619423	1.846382

#1	10.20437	57.07835	.1947304	.0039331	5.791843	.7135229	1.148001
#2	10.12238	56.60833	.1961014	.0031383	6.050799	.7234355	1.131108
#3	10.17081	56.84406	.1971851	.0037283	6.099317	.7369024	1.173325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.835934	7.160457	-.022220	.0002059	2.030602	1.226547	.0056139
Stddev	.063284	.046809	.009098	.0000776	.025288	.010121	.0011872
%RSD	.9257484	.6537155	40.94517	37.66529	1.245332	.8251379	21.14788

#1	6.804038	7.107206	-.025512	.0002211	2.012233	1.234308	.0063287
#2	6.794945	7.179059	-.011934	.0001219	2.020129	1.215100	.0042435
#3	6.908818	7.195105	-.029214	.0002748	2.059443	1.230234	.0062697

Sample Name: J1988-10 Acquired: 3/22/2018 14:03:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR93 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.397315	.0476927	.6288109
Stddev	.003703	.0004078	.0010098
%RSD	.2649751	.8551270	.1605840

#1	1.401176	.0474509	.6293491
#2	1.396976	.0474635	.6276460
#3	1.393794	.0481635	.6294375

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.388	3411.181	40286.03	8519.429	3652.050
Stddev	8.636	6.260	165.51	50.820	8.707
%RSD	.4834480	.1835037	.4108434	.5965194	.2384193

#1	1780.098	3405.211	40113.05	8481.818	3656.742
#2	1796.234	3417.695	40302.16	8577.244	3657.405
#3	1782.831	3410.636	40442.89	8499.225	3642.003

Sample Name: J1988-11 Acquired: 3/22/2018 14:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2545160	-.006448	.1966036	.0042575	.0159559	149.4702	1.305049
Stddev	.0061325	.003671	.0049473	.0023862	.0007010	.8544	.002755
%RSD	2.409487	56.93792	2.516373	56.04559	4.393538	.5716331	.2110968

#1	.2511159	-.009141	.1949092	.0055706	.0163990	148.9202	1.301885
#2	.2615954	-.007936	.1927263	.0056987	.0163210	150.4545	1.306916
#3	.2508366	-.002266	.2021755	.0015032	.0151477	149.0358	1.306347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065724	-.000771	49.19045	.3163186	.1764499	.5012734	329.1744
Stddev	.0000511	.000138	.11416	.0007591	.0011331	.0027349	1.3402
%RSD	.7771732	17.90466	.2320877	.2399749	.6421493	.5455980	.4071423

#1	.0066272	-.000827	49.16834	.3162974	.1753921	.4997595	327.6687
#2	.0065261	-.000873	49.08896	.3170881	.1763120	.5044305	329.6176
#3	.0065640	-.000614	49.31406	.3155703	.1776456	.4996301	330.2369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.466338	44.78670	.1894064	.0039657	4.150384	.7849346	1.258288
Stddev	.022303	.15905	.0004394	.0003394	.322567	.0033891	.015475
%RSD	.2356006	.3551210	.2319874	8.559576	7.771985	.4317661	1.229813

#1	9.442099	44.62651	.1889725	.0036792	4.208526	.7831254	1.274357
#2	9.485991	44.78903	.1893955	.0043406	4.439926	.7888444	1.243486
#3	9.470926	44.94458	.1898511	.0038773	3.802700	.7828341	1.257021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.734933	6.934937	-.032696	.0007370	2.032750	1.261716	.0045552
Stddev	.084914	.086645	.003668	.0004662	.013499	.005865	.0019302
%RSD	1.260796	1.249400	11.21837	63.25630	.6640518	.4648193	42.37313

#1	6.637390	6.941882	-.035732	.0003958	2.029438	1.255822	.0067840
#2	6.775080	6.845028	-.033736	.0005470	2.021216	1.261775	.0034407
#3	6.792328	7.017900	-.028621	.0012682	2.047596	1.267551	.0034409

Sample Name: J1988-11 Acquired: 3/22/2018 14:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR94 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.624735	.0476209	.5106820
Stddev	.004896	.0015580	.0007015
%RSD	.3013643	3.271748	.1373642

#1	1.625096	.0474518	.5099197
#2	1.629441	.0461543	.5113003
#3	1.619668	.0492566	.5108259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.788	3416.687	40562.45	8495.345	3679.991
Stddev	4.412	13.717	46.94	31.709	12.542
%RSD	.2458206	.4014629	.1157173	.3732501	.3408113

#1	1796.591	3428.355	40603.01	8525.695	3687.099
#2	1789.760	3420.129	40511.04	8462.433	3687.364
#3	1798.014	3401.577	40573.32	8497.906	3665.509

Sample Name: J1988-12 Acquired: 3/22/2018 14:11:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1972514	-.014139	.1292029	.0012600	.0126511	103.3263	.8065742
Stddev	.0070883	.000976	.0027691	.0018730	.0040132	.2070	.0023973
%RSD	3.593557	6.904281	2.143218	148.6580	31.72209	.2003415	.2972246

#1	.2054223	-.014179	.1281672	.0023271	.0080262	103.2375	.8088000
#2	.1935795	-.015094	.1323405	-.000903	.0152158	103.5628	.8068867
#3	.1927523	-.013143	.1271009	.002356	.0147112	103.1784	.8040359

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051228	.0006765	41.42013	.1751012	.1306410	.4866443	267.8469
Stddev	.0000745	.0001043	.19526	.0006974	.0001212	.0062740	1.5372
%RSD	1.453805	15.41019	.4714170	.3983068	.0927479	1.289247	.5739223

#1	.0051793	.0006404	41.64102	.1744895	.1306360	.4812688	269.3736
#2	.0050384	.0005951	41.34883	.1758607	.1305225	.4935382	266.2993
#3	.0051507	.0007940	41.27054	.1749532	.1307647	.4851257	267.8679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.505791	33.50961	.1081569	.0031596	3.220282	.6285034	.4617707
Stddev	.042885	.09680	.0003034	.0000776	.293419	.0060240	.0028242
%RSD	.6591837	.2888620	.2805435	2.456951	9.111599	.9584663	.6116113

#1	6.555276	33.56095	.1078296	.0031243	3.558591	.6337767	.4585956
#2	6.482658	33.56991	.1084289	.0032486	3.035153	.6297954	.4640028
#3	6.479439	33.39796	.1082121	.0031058	3.067102	.6219383	.4627138

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.102911	8.114216	.0054551	.0008462	1.547399	2.809527	.0023930
Stddev	.018845	.074695	.0048249	.0004528	.014189	.017953	.0008815
%RSD	.8961419	.9205468	88.44842	53.51157	.9169453	.6390200	36.83663

#1	2.081779	8.114560	.0011857	.0005766	1.552844	2.819622	.0014287
#2	2.108982	8.039350	.0044899	.0013690	1.531295	2.788799	.0025929
#3	2.117973	8.188739	.0106897	.0005930	1.558060	2.820161	.0031575

Sample Name: J1988-12 Acquired: 3/22/2018 14:11:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHR95 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.168443	.0296737	.3377755
Stddev	.001301	.0004390	.0006024
%RSD	.0600145	1.479368	.1783354

#1	2.169933	.0292526	.3384392
#2	2.167530	.0296398	.3376238
#3	2.167865	.0301286	.3372634

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.428	3574.512	42163.94	8852.790	3739.858
Stddev	8.207	6.933	347.23	24.719	4.438
%RSD	.4378580	.1939544	.8235138	.2792259	.1186580

#1	1883.087	3581.172	42487.83	8824.620	3741.220
#2	1873.434	3567.335	42206.66	8870.862	3734.899
#3	1866.763	3575.030	41797.33	8862.889	3743.455

Sample Name: J1988-13 Acquired: 3/22/2018 14:15:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5058503	-.004277	.7377362	.0003408	.0396904	236.3781	.9733593
Stddev	.0009340	.005388	.0015503	.0015124	.0017686	.8281	.0030767
%RSD	.1846369	125.9979	.2101377	443.7937	4.455974	.3503121	.3160906

#1	.5064682	-.010474	.7365821	-.001097	.0396870	236.6470	.9768863
#2	.5063069	-.000699	.7394983	.000201	.0379234	235.4490	.9712267
#3	.5047759	-.001657	.7371283	.001918	.0414606	237.0384	.9719648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063089	.0021193	45.75566	.3872160	.2120715	.7428597	312.5487
Stddev	.0000489	.0000403	.13194	.0011954	.0007964	.0024756	1.2345
%RSD	.7758889	1.902311	.2883542	.3087081	.3755244	.3332540	.3949827

#1	.0063621	.0020863	45.84041	.3872024	.2112532	.7440190	313.3764
#2	.0062659	.0021073	45.82292	.3860275	.2128440	.7445430	313.1401
#3	.0062986	.0021643	45.60364	.3884181	.2121174	.7400172	311.1298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88055	34.43292	.2362781	.0043230	3.393047	.7339531	2.096423
Stddev	.04832	.06794	.0003581	.0002897	.100884	.0096167	.024820
%RSD	.4441133	.1973241	.1515549	6.701631	2.973268	1.310257	1.183909

#1	10.89759	34.50000	.2363725	.0042814	3.278329	.7245413	2.119798
#2	10.91805	34.36415	.2358822	.0046313	3.467942	.7335557	2.070375
#3	10.82602	34.43461	.2365795	.0040564	3.432869	.7437623	2.099095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.028331	10.38901	-.013232	.0012826	6.071726	10.20076	.0200964
Stddev	.050994	.07042	.004394	.0001031	.044100	.02462	.0006492
%RSD	1.014136	.6778471	33.20925	8.038686	.7263186	.2413622	3.230288

#1	4.985775	10.35801	-.017168	.0012929	6.032992	10.22897	.0206013
#2	5.014364	10.46962	-.008491	.0011747	6.119722	10.18360	.0193642
#3	5.084853	10.33941	-.014036	.0013801	6.062466	10.18972	.0203239

Sample Name: J1988-13 Acquired: 3/22/2018 14:15:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHR96 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.014223	.0886481	.6070421
Stddev	.004378	.0006731	.0011336
%RSD	.4316287	.7593439	.1867490

#1	1.018153	.0894014	.6079052
#2	1.009505	.0884375	.6074627
#3	1.015011	.0881055	.6057582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.108	3516.219	41669.08	8830.766	3688.302
Stddev	10.104	7.371	104.91	16.275	4.671
%RSD	.5437553	.2096172	.2517704	.1842977	.1266548

#1	1850.439	3508.265	41603.16	8846.375	3689.515
#2	1854.328	3522.818	41614.01	8813.898	3692.247
#3	1869.556	3517.575	41790.06	8832.025	3683.144

Sample Name: CCV058 Acquired: 3/22/2018 14:19:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.780034	4.737044	23.95208	4.843347	4.847506	386.3432	9.887304
Stddev	.037216	.040798	.16338	.018002	.040350	2.1786	.012178
%RSD	.7785656	.8612442	.6821280	.3716832	.8323794	.5638931	.1231664

#1	4.766293	4.704701	23.87859	4.844316	4.851233	384.7920	9.887983
#2	4.751643	4.723553	23.83834	4.824880	4.805422	385.4037	9.874802
#3	4.822166	4.782879	24.13930	4.860845	4.885863	388.8338	9.899129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4847630	2.413889	384.5613	14.84859	2.426175	14.56590	390.3996
Stddev	.0057083	.015999	.9116	.05955	.017664	.04946	1.4135
%RSD	1.177540	.6627804	.2370463	.4010818	.7280536	.3395875	.3620767

#1	.4876783	2.407707	385.5661	14.85700	2.422103	14.53715	391.6364
#2	.4781857	2.401904	384.3305	14.90349	2.410903	14.53755	390.7037
#3	.4884249	2.432056	383.7874	14.78528	2.445519	14.62302	388.8588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41268	378.8803	2.428673	1.230395	390.0138	2.422161	14.37593
Stddev	.04640	.8522	.020418	.004981	1.6249	.019173	.10930
%RSD	.3219256	.2249310	.8407225	.4048438	.4166201	.7915748	.7603041

#1	14.45869	379.4815	2.419912	1.236134	389.2594	2.406546	14.25946
#2	14.41347	379.2543	2.414097	1.227863	388.9032	2.416376	14.39207
#3	14.36590	377.9050	2.452010	1.227189	391.8787	2.443560	14.47626

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.8204	4.912970	4.715343	4.761229	4.983861	4.784529	4.765264
Stddev	.2022	.029486	.013626	.032169	.028859	.031632	.035652
%RSD	.1358370	.6001717	.2889695	.6756533	.5790425	.6611231	.7481582

#1	148.5877	4.883964	4.729200	4.757806	4.955508	4.807050	4.739371
#2	148.9210	4.912032	4.701961	4.730908	4.982875	4.748366	4.750494
#3	148.9525	4.942914	4.714868	4.794973	5.013200	4.798172	4.805927

Sample Name: CCV058 Acquired: 3/22/2018 14:19:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.807042	4.943484	4.910472
Stddev	.020420	.010441	.008766
%RSD	.4247986	.2112093	.1785112

#1	4.788562	4.934260	4.901851
#2	4.803600	4.941372	4.910189
#3	4.828965	4.954819	4.919376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.921	2853.282	34684.45	7667.929	3018.307
Stddev	1.680	17.483	118.84	11.939	15.742
%RSD	.1142054	.6127341	.3426403	.1557034	.5215507

#1	1469.373	2851.868	34555.72	7654.288	3023.031
#2	1470.684	2871.428	34707.63	7673.019	3031.146
#3	1472.707	2836.548	34790.00	7676.479	3000.744

Sample Name: CCB058 Acquired: 3/22/2018 14:23:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005615	.0010741	.0008616	-.000494	.0003909	.0001789	-.000874
Stddev	.0049247	.0015519	.0023016	.002664	.0007499	.0028850	.000756
%RSD	877.1008	144.4868	267.1280	539.3947	191.8224	1612.686	86.44512

#1	-.004497	.0028083	.0030358	.002217	-.000350	.0033894	-.001685
#2	.005340	.0005981	.0010982	-.000590	.001150	-.000657	-.000748
#3	.000842	-.000184	-.001549	-.003109	.000373	-.002196	-.000190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000066	.0000544	.0062093	.0002521	.0000211	.0006533	.0052919
Stddev	.000047	.0000641	.0091421	.0003367	.0000682	.0022396	.0141582
%RSD	71.32899	117.7493	147.2310	133.5823	323.5005	342.8262	267.5441

#1	-.000099	.0000676	.0166449	.0005761	-.000058	.0030990	.0210193
#2	-.000012	.0001110	.0023711	-.000096	.000061	.0001583	-.006437
#3	-.000085	-.000015	-.000388	.000276	.000060	-.001297	.001294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000309	-.032150	-.000335	-.000144	.0155275	-.003243	.0041822
Stddev	.000640	.033985	.000443	.000353	.2095685	.001538	.0044719
%RSD	207.2454	105.7080	132.1263	245.6586	1349.663	47.43368	106.9257

#1	.000300	-.048110	.000175	-.000486	-.092057	-.004483	.0092510
#2	-.000250	.006877	-.000623	.000219	-.118399	-.001522	.0025016
#3	-.000977	-.055217	-.000558	-.000163	.257038	-.003723	.0007942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.071347	-.001997	.0022689	.0001397	.0149499	-.001129	.0010367
Stddev	.081841	.003445	.0008158	.0001258	.0020433	.001546	.0003331
%RSD	114.7087	172.4488	35.95573	90.01890	13.66783	136.8995	32.13426

#1	-.163430	.001830	.0014310	.0002190	.0144859	-.002887	.0007078
#2	-.043706	-.002974	.0030606	.0002054	.0131785	.000018	.0010286
#3	-.006905	-.004848	.0023150	-.000005	.0171854	-.000519	.0013739

Sample Name: CCB058 Acquired: 3/22/2018 14:23:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB058 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015855	.0007063	-.000027
Stddev	.0005254	.0003077	.000054
%RSD	33.13561	43.56889	198.9372

#1	.0021866	.0007918	-.000020
#2	.0012140	.0003649	.000023
#3	.0013560	.0009623	-.000085

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.245	3393.935	39938.63	8123.625	4124.576
Stddev	14.584	4.781	189.48	47.665	8.411
%RSD	.8164482	.1408739	.4744391	.5867507	.2039224

#1	1771.074	3391.304	39734.63	8075.275	4121.409
#2	1800.160	3399.453	39972.13	8170.575	4134.111
#3	1787.503	3391.046	40109.13	8125.025	4118.208

Sample Name: J1988-14 Acquired: 3/22/2018 14:27:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2765556	-.009602	.2564002	-.002287	.0163848	218.7276	1.683505
Stddev	.0052679	.004572	.0026951	.003523	.0009746	1.1066	.009224
%RSD	1.904817	47.61240	1.051130	154.0897	5.948241	.5059399	.5479277

#1	.2709337	-.004682	.2542954	.001545	.0168979	219.5196	1.690992
#2	.2813781	-.010406	.2594378	-.005387	.0169957	217.4631	1.673200
#3	.2773549	-.013719	.2554674	-.003017	.0152609	219.2000	1.686322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071318	-.001252	56.38701	.3968901	.2198058	.6080956	330.2104
Stddev	.0001285	.000247	.32060	.0004553	.0015640	.0062391	1.4790
%RSD	1.802268	19.72940	.5685694	.1147302	.7115524	1.025999	.4478925

#1	.0069870	-.001418	56.49694	.3964009	.2185398	.6136758	330.9354
#2	.0072324	-.000968	56.02590	.3973017	.2215542	.6013593	328.5088
#3	.0071759	-.001370	56.63818	.3969678	.2193233	.6092516	331.1870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.543145	54.39953	.2156368	.0041486	3.415734	.8192323	1.007929
Stddev	.048957	.20227	.0017292	.0000446	.165765	.0029133	.012130
%RSD	.5130110	.3718211	.8018881	1.074820	4.852992	.3556175	1.203416

#1	9.572871	54.39510	.2145597	.0041648	3.567831	.8225462	1.021199
#2	9.486639	54.19951	.2176314	.0040982	3.440325	.8170743	1.005173
#3	9.569923	54.60398	.2147194	.0041829	3.239047	.8180764	.997415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.939528	9.173084	-.030614	.0001044	2.797456	3.219876	.0272707
Stddev	.138118	.088415	.007924	.0003218	.023949	.022501	.0006447
%RSD	1.739625	.9638495	25.88363	308.3345	.8560847	.6988024	2.364001

#1	7.901995	9.073939	-.021748	-.000216	2.769946	3.193895	.0272975
#2	7.824056	9.201565	-.037007	.000102	2.813648	3.233044	.0266131
#3	8.092533	9.243748	-.033085	.000427	2.808774	3.232688	.0279016

Sample Name: J1988-14 Acquired: 3/22/2018 14:27:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHR97 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8553974	.0534062	.6449661
Stddev	.0049913	.0005963	.0031201
%RSD	.5835042	1.116601	.4837600

#1	.8568241	.0537075	.6466941
#2	.8498481	.0537919	.6413643
#3	.8595200	.0527194	.6468398

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.280	3498.260	41590.42	8808.810	3621.107
Stddev	19.895	30.451	253.57	42.059	24.880
%RSD	1.078749	.8704650	.6096786	.4774700	.6870892

#1	1821.665	3506.025	41299.66	8808.488	3634.503
#2	1859.086	3464.678	41765.65	8851.030	3592.399
#3	1852.089	3524.077	41705.96	8766.913	3636.419

Sample Name: J1988-15 Acquired: 3/22/2018 14:31:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1183028	-.013125	.0661820	.0006788	.0149888	197.6294	1.416809
Stddev	.0027429	.000953	.0013973	.0017712	.0031415	.4345	.003411
%RSD	2.318545	7.263668	2.111324	260.9329	20.95875	.2198451	.2407800

#1	.1197582	-.012543	.0658503	.0021360	.0154109	198.1311	1.420748
#2	.1151389	-.012608	.0649804	.0011930	.0116576	197.3779	1.414764
#3	.1200112	-.014226	.0677153	-.001293	.0178979	197.3793	1.414917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083872	-.002566	42.61346	.2141978	.2107246	.6548987	369.3668
Stddev	.0000650	.000172	.10382	.0007477	.0002138	.0031919	.2741
%RSD	.7744253	6.721173	.2436424	.3490667	.1014434	.4873816	.0742093

#1	.0083823	-.002726	42.49843	.2149201	.2109701	.6571926	369.5341
#2	.0084544	-.002588	42.70022	.2134270	.2105801	.6512535	369.5158
#3	.0083248	-.002383	42.64173	.2142464	.2106234	.6562501	369.0505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.40770	35.40458	.1530862	.0037061	2.619572	.8390424	.7353184
Stddev	.02409	.06628	.0007627	.0001569	.122137	.0081962	.0159634
%RSD	.1941251	.1872078	.4982175	4.235032	4.662464	.9768493	2.170948

#1	12.38409	35.46527	.1535744	.0036703	2.479249	.8405580	.7525680
#2	12.43223	35.33386	.1522073	.0038779	2.701955	.8463750	.7210661
#3	12.40679	35.41460	.1534768	.0035701	2.677512	.8301942	.7323212

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.592322	7.632568	-.030071	-.000643	2.789525	8.606396	.0046367
Stddev	.014322	.037886	.002749	.000563	.026081	.041645	.0010981
%RSD	.3118696	.4963733	9.140314	87.61153	.9349715	.4838831	23.68217

#1	4.585232	7.635873	-.026898	.000006	2.786729	8.654354	.0058938
#2	4.608806	7.593138	-.031578	-.000926	2.764954	8.585470	.0041513
#3	4.582928	7.668693	-.031736	-.001009	2.816891	8.579364	.0038649

Sample Name: J1988-15 Acquired: 3/22/2018 14:31:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHR98 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.328459	.0480922	.5373596
Stddev	.003151	.0014647	.0002566
%RSD	.2371612	3.045606	.0477563

#1	1.325673	.0497141	.5372635
#2	1.331878	.0476963	.5376503
#3	1.327827	.0468661	.5371648

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.162	3522.476	41628.29	8765.029	3696.596
Stddev	21.055	8.728	236.01	46.810	10.859
%RSD	1.134957	.2477668	.5669430	.5340493	.2937462

#1	1840.509	3518.496	41355.78	8811.514	3691.774
#2	1845.686	3532.484	41762.88	8717.901	3709.030
#3	1879.290	3516.447	41766.21	8765.672	3688.983

Sample Name: J1988-16 Acquired: 3/22/2018 14:35:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2160472	-.015419	.1701888	-.001963	.0161662	205.4287	1.553478
Stddev	.0016388	.003231	.0019177	.002941	.0011902	.6374	.003527
%RSD	.7585520	20.95540	1.126792	149.8053	7.362210	.3102991	.2270305

#1	.2176674	-.011711	.1722464	.001431	.0168859	205.1936	1.549603
#2	.2160838	-.017633	.1684514	-.003566	.0168203	204.9421	1.556500
#3	.2143904	-.016912	.1698686	-.003754	.0147924	206.1503	1.554332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088670	-.002431	45.15158	.2386201	.2170120	.6877877	399.5372
Stddev	.0001506	.000246	.09885	.0008919	.0032364	.0036455	1.4042
%RSD	1.698409	10.10290	.2189333	.3737809	1.491342	.5300277	.3514524

#1	.0090329	-.002680	45.23229	.2376272	.2147754	.6836392	400.7772
#2	.0088290	-.002423	45.04133	.2388796	.2155374	.6904798	399.8221
#3	.0087390	-.002189	45.18113	.2393534	.2207230	.6892442	398.0125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.20842	37.96909	.1657968	.0037582	2.947823	.8485906	.8081368
Stddev	.04611	.18302	.0029429	.0004926	.170613	.0026789	.0032580
%RSD	.3777156	.4820285	1.774999	13.10851	5.787777	.3156848	.4031500

#1	12.26166	38.17379	.1637340	.0042503	3.135595	.8459295	.8085612
#2	12.18222	37.91226	.1644896	.0037595	2.905561	.8485555	.8046874
#3	12.18137	37.82123	.1691669	.0032650	2.802312	.8512869	.8111618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.933508	9.655385	-.027879	-.000224	3.524818	6.692625	.0047808
Stddev	.096792	.141088	.007921	.000088	.056501	.024959	.0015633
%RSD	2.460711	1.461232	28.41078	39.43853	1.602950	.3729276	32.69962

#1	3.930759	9.568725	-.023489	-.000143	3.485591	6.669499	.0036472
#2	3.838120	9.579245	-.037023	-.000318	3.499284	6.719082	.0065642
#3	4.031646	9.818186	-.023126	-.000210	3.589579	6.689294	.0041309

Sample Name: J1988-16 Acquired: 3/22/2018 14:35:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR99 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.390234	.0585150	.5790334
Stddev	.007885	.0001466	.0024930
%RSD	.5671935	.2505157	.4305380

#1	1.386554	.0585928	.5818994
#2	1.384862	.0583459	.5773673
#3	1.399287	.0586063	.5778334

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.363	3537.213	41839.87	8880.148	3671.798
Stddev	13.723	24.573	197.72	51.048	39.493
%RSD	.7376270	.6947003	.4725615	.5748525	1.075565

#1	1844.923	3552.628	41731.22	8825.409	3693.819
#2	1871.168	3550.136	42068.09	8888.581	3695.371
#3	1864.998	3508.875	41720.31	8926.454	3626.205

Sample Name: PB107521BL Acquired: 3/22/2018 14:39:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	-.000395	.0004510	.0001217	-.000171	-.001126	-.005077	-.000351
Stddev	.003226	.0019637	.0011792	.002444	.000997	.008797	.000411
%RSD	817.1807	435.4217	969.2291	1425.483	88.49047	173.2687	117.0442

#1	-.001872	.0002793	.0009804	.001696	-.001290	.003973	.000104
#2	-.002618	-.001421	-.001223	-.002938	-.000058	-.005608	-.000696
#3	.003305	.002495	.000607	.000728	-.002031	-.013597	-.000461

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000121	.0000601	-.003487	-.000094	.0000002	.0020303	.0065137
Stddev	.0001018	.0000330	.015508	.000188	.0002955	.0029689	.0046797
%RSD	843.7606	54.98435	444.7815	200.7184	187383.3	146.2286	71.84419

#1	.0000849	.0000670	.012646	-.000068	.0003386	-.001398	.0099369
#2	.0000556	.0000890	-.018284	.000080	-.000131	.003781	.0084230
#3	-.000104	.0000241	-.004822	-.000294	-.000207	.003708	.0011812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000503	-.008023	-.000201	.0000665	-.013909	.0009632	.0019775
Stddev	.000562	.010459	.000232	.0001645	.213253	.0033711	.0021500
%RSD	111.7596	130.3686	115.1314	247.4504	1533.203	350.0066	108.7256

#1	-.001021	.001995	.000065	.0002269	-.200866	.0042240	-.000135
#2	-.000581	-.018873	-.000355	.0000745	-.059218	-.002508	.004163
#3	.000094	-.007190	-.000314	-.000102	.218357	.001174	.001905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.127886	-.003679	-.002626	.0000718	.0120063	-.001183	.0005082
Stddev	.050869	.001921	.000571	.0001045	.0020826	.001264	.0016164
%RSD	39.77718	52.20193	21.74489	145.5856	17.34591	106.8666	318.0486

#1	-.086991	-.001626	-.001975	.0000561	.0100999	-.000887	.0013959
#2	-.111817	-.003980	-.003042	-.000024	.0116901	-.002569	-.001358
#3	-.184849	-.005432	-.002862	.000183	.0142289	-.000093	.001486

Sample Name: PB107521BL Acquired: 3/22/2018 14:39:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.0024168	.0004260	-.000027
Stddev	.0004582	.0007363	.000044
%RSD	18.96062	172.8550	161.2314

#1	.0018994	.0009419	-.000057
#2	.0027715	.0007533	-.000048
#3	.0025796	-.000417	.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.758	3398.384	40116.80	8080.142	4124.354
Stddev	11.822	18.028	164.44	26.199	27.487
%RSD	.6587232	.5304950	.4099131	.3242447	.6664465

#1	1807.129	3392.248	40291.47	8052.425	4120.136
#2	1793.572	3418.679	40093.98	8104.500	4153.705
#3	1783.573	3384.224	39964.96	8083.500	4099.220

Sample Name: PB107521BS Acquired: 3/22/2018 14:43:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.0195985	.0537624	.0208417	.0726623	.1151158	.3884989
Stddev	.0008105	.0001969	.0000398	.0011369	.0006574	.0016659
%RSD	4.135423	.3661649	.1907695	1.564657	.5710936	.4288111

#1	.0187669	.0535508	.0208875	.0714232	.1156076	.3899972
#2	.0203861	.0539401	.0208161	.0729061	.1143691	.3887945
#3	.0196424	.0537961	.0208216	.0736575	.1153706	.3867049

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4051823	.0107873	.0101063	10.23715	.0240248	.0955589
Stddev	.0027532	.0001636	.0000407	.10904	.0005017	.0002679
%RSD	.6794864	1.516616	.4025003	1.065148	2.088189	.2803596

#1	.4034129	.0106014	.0101501	10.15755	.0240742	.0958463
#2	.4037796	.0108509	.0100697	10.19247	.0235003	.0953161
#3	.4083543	.0109095	.0100992	10.36143	.0245000	.0955142

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539136	.2320626	.0317383	9.550388	.0807277	.0207139
Stddev	.0059406	.0039005	.0008374	.132154	.0007296	.0003778
%RSD	11.01884	1.680809	2.638423	1.383760	.9037595	1.823703

#1	.0476220	.2356843	.0307954	9.430865	.0814010	.0210386
#2	.0546925	.2279330	.0320244	9.527988	.0799525	.0208038
#3	.0594264	.2325705	.0323952	9.692310	.0808295	.0202994

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.902487	.1054020	.1315253	9.395894	F .0263044	F .0178298
Stddev	.113968	.0051072	.0049083	.122476	.0023209	.0010145
%RSD	1.150898	4.845465	3.731836	1.303508	8.823148	5.689689

#1	9.779045	.1101897	.1303396	9.321515	.0250778	.0185220
#2	10.00371	.1000262	.1369179	9.328915	.0289812	.0183021
#3	9.92471	.1059900	.1273185	9.537253	.0248541	.0166653

Sample Name: PB107521BS Acquired: 3/22/2018 14:43:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) 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	.0208227	.1875219	.1935922	F .0139712	.2040092	.0967728
Stddev	.0004082	.0059505	.0024604	.0012951	.0030774	.0009356
%RSD	1.960487	3.173225	1.270896	9.269420	1.508474	.9668026

#1	.0206246	.1827674	.1907522	.0136471	.2036640	.0957578
#2	.0205514	.1856034	.1949485	.0153975	.2011189	.0976008
#3	.0212922	.1941950	.1950759	.0128690	.2072446	.0969598

Elem	Sr4077
Units	ppm
Avg	.2051670
Stddev	.0014706
%RSD	.7167841

#1	.2044922
#2	.2041550
#3	.2068539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.172	3375.521	39582.04	8069.458	4035.046
Stddev	3.195	6.595	73.92	67.358	5.643
%RSD	.1809177	.1953795	.1867603	.8347223	.1398515

#1	1769.466	3378.000	39497.65	8097.965	4031.201
#2	1763.086	3380.517	39635.36	8117.874	4041.524
#3	1765.966	3368.046	39613.10	7992.534	4032.413

Sample Name: J1987-01 Acquired: 3/22/2018 14:47:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1337619	-.020656	.0285124	-.001546	.0173747	189.8902	1.002962
Stddev	.0047192	.002644	.0016685	.000877	.0010596	.6983	.000882
%RSD	3.528051	12.79789	5.851979	56.71169	6.098706	.3677648	.0879739

#1	.1352819	-.019410	.0272146	-.001649	.0184558	189.1243	1.003720
#2	.1284700	-.023692	.0303945	-.000622	.0173301	190.0546	1.003172
#3	.1375338	-.018866	.0279281	-.002366	.0163380	190.4916	1.001993

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079826	-.002098	51.56254	.2287507	.1963177	.6455057	364.3812
Stddev	.0000570	.000187	.14996	.0029080	.0010572	.0011227	1.4384
%RSD	.7145199	8.937015	.2908356	1.271242	.5385106	.1739265	.3947574

#1	.0079216	-.001894	51.70677	.2320321	.1955175	.6467715	365.6698
#2	.0080346	-.002264	51.57343	.2264930	.1959194	.6451148	364.6444
#3	.0079916	-.002134	51.40744	.2277269	.1975162	.6446306	362.8293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.854078	42.87068	.1812996	.0035598	3.466606	.9218990	.8036849
Stddev	.032025	.12289	.0014780	.0002972	.086351	.0073412	.0046911
%RSD	.3616931	.2866628	.8152155	8.348378	2.490949	.7963170	.5837051

#1	8.884754	42.81904	.1804696	.0032184	3.532426	.9152880	.7996344
#2	8.856623	43.01097	.1804232	.0037609	3.368832	.9206094	.8088249
#3	8.820857	42.78204	.1830060	.0037001	3.498560	.9297996	.8025954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7951771	5.436172	-.030579	.0002762	2.484871	2.200241	.0054669
Stddev	.0339047	.028577	.003252	.0001854	.015233	.004189	.0013118
%RSD	4.263797	.5256828	10.63354	67.12787	.6130373	.1904051	23.99495

#1	.8014145	5.414426	-.028225	.0003183	2.471098	2.201973	.0048780
#2	.7585867	5.425552	-.034289	.0004369	2.482281	2.203286	.0045528
#3	.8255300	5.468538	-.029223	.0000734	2.501233	2.195463	.0069699

Sample Name: J1987-01 Acquired: 3/22/2018 14:47:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR70 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.448566	.0481186	.6401813
Stddev	.010454	.0009020	.0011981
%RSD	.4269460	1.874449	.1871551

#1	2.436583	.0470885	.6390766
#2	2.455820	.0485009	.6414549
#3	2.453295	.0487666	.6400124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.624	3620.850	42725.24	9035.506	3684.947
Stddev	7.500	13.778	509.67	36.957	20.141
%RSD	.3925285	.3805267	1.192907	.4090189	.5465802

#1	1902.995	3632.981	42137.69	8995.758	3702.872
#2	1917.988	3623.700	43048.17	9041.932	3688.819
#3	1910.890	3605.870	42989.86	9068.829	3663.152

Sample Name: J1987-02 Acquired: 3/22/2018 14:51:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR70D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1436102	-.020245	.0301554	.0005496	.0157462	189.6236	1.002586
Stddev	.0005800	.000999	.0012002	.0042460	.0012244	1.1904	.004439
%RSD	.4038794	4.936690	3.980196	772.5512	7.775878	.6277732	.4427682

#1	.1442614	-.019870	.0287731	.0037023	.0169551	190.6820	1.003881
#2	.1431489	-.021377	.0309326	.0022250	.0145069	189.8540	1.006233
#3	.1434204	-.019487	.0307606	-.004278	.0157767	188.3349	.997643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078545	-.002056	51.45295	.2275229	.1945379	.6411078	362.0523
Stddev	.0000802	.000120	.23212	.0009029	.0012264	.0030500	1.3444
%RSD	1.021210	5.820128	.4511274	.3968304	.6303976	.4757401	.3713269

#1	.0079465	-.002188	51.56356	.2277679	.1933791	.6445918	362.5021
#2	.0078178	-.002025	51.60906	.2282780	.1944126	.6389198	363.1142
#3	.0077992	-.001955	51.18621	.2265228	.1958222	.6398119	360.5407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.806419	42.67544	.1805472	.0035155	3.372525	.9143972	.7984883
Stddev	.026914	.22837	.0017886	.0005206	.135957	.0073312	.0141632
%RSD	.3056146	.5351351	.9906708	14.80872	4.031301	.8017552	1.773752

#1	8.829292	42.82211	.1788845	.0041026	3.528741	.9217971	.7914290
#2	8.813203	42.79189	.1803177	.0033337	3.307894	.9071366	.7892422
#3	8.776763	42.41231	.1824396	.0031101	3.280941	.9142580	.8147938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7847528	5.434116	-.028359	.0005976	2.489277	2.192127	.0061537
Stddev	.0373527	.032254	.002632	.0000573	.017633	.010360	.0015679
%RSD	4.759802	.5935543	9.282006	9.587474	.7083689	.4725912	25.47952

#1	.8075403	5.396942	-.031133	.0005379	2.468930	2.203426	.0043444
#2	.8050730	5.454689	-.028048	.0006522	2.498784	2.183076	.0071162
#3	.7416452	5.450716	-.025896	.0006027	2.500116	2.189878	.0070004

Sample Name: J1987-02 Acquired: 3/22/2018 14:51:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHR70D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.448121	.0466888	.6381498
Stddev	.014499	.0015636	.0026308
%RSD	.5922305	3.349032	.4122505

#1	2.464113	.0470605	.6399413
#2	2.444415	.0480331	.6393787
#3	2.435835	.0449729	.6351295

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.617	3630.196	43213.67	9092.353	3704.199
Stddev	6.125	7.075	119.44	39.837	6.246
%RSD	.3157704	.1948872	.2764030	.4381364	.1686093

#1	1933.147	3631.278	43128.34	9066.406	3710.202
#2	1945.326	3636.667	43162.49	9072.433	3704.657
#3	1940.377	3622.642	43350.17	9138.221	3697.737

Sample Name: J1987-03 Acquired: 3/22/2018 14:55:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR70S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2177927	.0943432	.0714190	.1016753	.2179294	189.4050	5.266493
Stddev	.0023214	.0024152	.0014043	.0026959	.0005678	.2204	.009442
%RSD	1.065860	2.559982	1.966248	2.651453	.2605471	.1163588	.1792871

#1	.2156026	.0916136	.0715536	.1032946	.2182108	189.2502	5.265980
#2	.2202262	.0962030	.0699523	.1031681	.2183016	189.6574	5.276182
#3	.2175493	.0952129	.0727511	.0985632	.2172758	189.3076	5.257318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1090218	.1133320	50.60659	.6594999	1.322469	1.155280	360.1319
Stddev	.0012534	.0005974	.16949	.0025037	.006322	.001756	1.3826
%RSD	1.149697	.5271187	.3349133	.3796358	.4780080	.1520135	.3839247

#1	.1076801	.1130276	50.48441	.6620004	1.320069	1.153914	358.6820
#2	.1101628	.1129482	50.53528	.6595062	1.317699	1.157261	360.2783
#3	.1092223	.1140203	50.80009	.6569930	1.329639	1.154665	361.4356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.770776	41.88308	1.316701	.1039732	3.407505	1.984235	1.869803
Stddev	.043037	.09446	.006246	.0002287	.120261	.006926	.024220
%RSD	.4404644	.2255209	.4743351	.2199743	3.529297	.3490544	1.295351

#1	9.743779	41.87376	1.311803	.1037436	3.430949	1.980304	1.882438
#2	9.748143	41.79362	1.314566	.1042010	3.514318	1.980170	1.841877
#3	9.820407	41.98185	1.323734	.1039750	3.277248	1.992233	1.885093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7696060	5.354959	-.019196	.0009012	2.431715	2.142849	.0042971
Stddev	.0460323	.026239	.013386	.0003485	.014900	.027454	.0016349
%RSD	5.981279	.4899853	69.73282	38.66616	.6127529	1.281173	38.04717

#1	.7440793	5.329495	-.005285	.0005456	2.416577	2.111534	.0024498
#2	.7419928	5.353473	-.031986	.0012421	2.432204	2.162776	.0055576
#3	.8227458	5.381909	-.020317	.0009159	2.446365	2.154237	.0048841

Sample Name: J1987-03 Acquired: 3/22/2018 14:55:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR70S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.386616	.0491303	.6263521
Stddev	.007748	.0003996	.0014952
%RSD	.3246641	.8132957	.2387139

#1	2.381362	.0492362	.6249611
#2	2.382970	.0486884	.6261618
#3	2.395514	.0494662	.6279333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.770	3625.654	42915.66	9075.134	3707.612
Stddev	18.855	9.453	81.60	73.634	13.952
%RSD	.9821307	.2607285	.1901314	.8113802	.3762966

#1	1938.848	3622.552	42912.83	9156.954	3706.569
#2	1919.315	3636.268	42835.51	9014.197	3722.055
#3	1901.147	3618.141	42998.63	9054.250	3694.210

Sample Name: J1987-01LX5 Acquired: 3/22/2018 14:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR70L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303040	-.001381	.0049559	.0016750	.0051464	38.79756	.2093490
Stddev	.0045663	.002206	.0008514	.0013868	.0008185	.05386	.0008301
%RSD	15.06842	159.7402	17.17928	82.79252	15.90483	.1388203	.3964892

#1	.0299214	-.000784	.0043370	.0023658	.0042982	38.76296	.2085838
#2	.0350497	-.003825	.0059268	.0025806	.0052095	38.85961	.2102314
#3	.0259410	.000465	.0046038	.0000785	.0059316	38.77011	.2092318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017773	-.000714	10.79889	.0572751	.0374276	.1349734	78.28391
Stddev	.0000960	.000066	.08296	.0006097	.0003139	.0038193	.55610
%RSD	5.398700	9.309771	.7682568	1.064561	.8387434	2.829654	.7103629

#1	.0016721	-.000668	10.75969	.0573582	.0371233	.1339176	77.99558
#2	.0017998	-.000790	10.89419	.0566281	.0377503	.1317931	78.92496
#3	.0018600	-.000684	10.74279	.0578390	.0374093	.1392096	77.93118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.883925	8.988693	.0407832	.0007620	.8001837	.1930335	.1701328
Stddev	.018516	.130631	.0000523	.0001690	.1848723	.0026674	.0080765
%RSD	.9828414	1.453280	.1282044	22.17561	23.10373	1.381856	4.747160

#1	1.871753	8.933507	.0408054	.0006827	.9879762	.1960996	.1721309
#2	1.905233	9.137861	.0408207	.0006472	.6183771	.1917540	.1612448
#3	1.874788	8.894713	.0407235	.0009560	.7941979	.1912468	.1770227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176800	1.038093	-.008299	.0012637	.4829010	.4716018	.0022413
Stddev	.0749746	.011435	.001880	.0001491	.0072818	.0044710	.0015944
%RSD	424.0648	1.101550	22.64846	11.79519	1.507929	.9480384	71.13797

#1	.0774989	1.025706	-.008602	.0013680	.4793656	.4730552	.0040651
#2	.0419690	1.040328	-.010008	.0010930	.4780619	.4751652	.0015471
#3	-.066428	1.048246	-.006286	.0013302	.4912756	.4665849	.0011117

Sample Name: J1987-01LX5 Acquired: 3/22/2018 14:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR70L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5128124	.0099119	.1339120
Stddev	.0033982	.0003457	.0006096
%RSD	.6626592	3.487883	.4552569

#1	.5090086	.0102559	.1336421
#2	.5155488	.0099154	.1346100
#3	.5138797	.0095645	.1334838

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.069	3474.856	41059.61	8430.994	4001.881
Stddev	18.303	15.053	178.98	78.255	13.481
%RSD	.9973895	.4332050	.4358921	.9281872	.3368660

#1	1821.306	3491.697	40911.97	8448.480	4017.417
#2	1855.840	3462.709	41258.67	8345.475	3993.262
#3	1828.061	3470.163	41008.20	8499.028	3994.965

Sample Name: J1987-04 Acquired: 3/22/2018 15:03:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1268214	-.017903	.0280232	-.003694	.0138163	185.8970	.9365597
Stddev	.0034525	.002371	.0017263	.005908	.0003589	.7275	.0053301
%RSD	2.722353	13.24410	6.160167	159.9210	2.597700	.3913463	.5691138

#1	.1230742	-.017538	.0277018	-.000495	.0135837	185.2787	.9337093
#2	.1275164	-.015735	.0264802	-.010512	.0142297	186.6986	.9427090
#3	.1298735	-.020435	.0298876	-.000076	.0136356	185.7136	.9332610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072178	-.002317	51.22347	.2310609	.1952040	.6395786	349.6812
Stddev	.0000689	.000073	.05523	.0006459	.0007880	.0065803	1.1866
%RSD	.9540619	3.136012	.1078280	.2795475	.4036902	1.028856	.3393273

#1	.0072089	-.002307	51.25216	.2313576	.1952908	.6467363	349.6019
#2	.0071539	-.002394	51.15980	.2303199	.1943761	.6337914	348.5363
#3	.0072908	-.002250	51.25846	.2315052	.1959449	.6382081	350.9054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.240050	44.28885	.1645732	.0033930	3.218348	.9201990	.5730962
Stddev	.017990	.06187	.0004896	.0002176	.017657	.0098620	.0176635
%RSD	.1946908	.1396867	.2975028	6.412999	.5486437	1.071721	3.082112

#1	9.254249	44.25589	.1644660	.0033302	3.200015	.9287456	.5615618
#2	9.219820	44.25043	.1641460	.0032137	3.219786	.9094084	.5934311
#3	9.246082	44.36021	.1651075	.0036350	3.235241	.9224430	.5642958

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.712517	4.742451	-.028382	.0007700	2.291335	1.511715	.0023517
Stddev	.049184	.016857	.004515	.0006299	.016918	.015118	.0022024
%RSD	.8609798	.3554499	15.90852	81.80498	.7383480	1.000061	93.65029

#1	5.667937	4.723884	-.026930	.0001898	2.271944	1.495212	.0046063
#2	5.704336	4.746672	-.033445	.0006801	2.303084	1.524896	.0002054
#3	5.765279	4.756796	-.024772	.0014399	2.298977	1.515036	.0022435

Sample Name: J1987-04 Acquired: 3/22/2018 15:03:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR71 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.841037	.0465479	.5932661
Stddev	.004557	.0009527	.0002213
%RSD	.1603980	2.046711	.0373026

#1	2.835928	.0476291	.5930941
#2	2.844681	.0461827	.5931885
#3	2.842502	.0458317	.5935158

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.891	3637.486	43014.11	9072.353	3727.675
Stddev	24.365	6.721	169.84	37.004	4.699
%RSD	1.270423	.1847797	.3948486	.4078784	.1260650

#1	1942.223	3629.837	43149.91	9047.994	3729.037
#2	1893.493	3642.452	42823.68	9114.935	3731.543
#3	1917.958	3640.168	43068.73	9054.131	3722.446

Sample Name: J1987-05 Acquired: 3/22/2018 15:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1805487	-.020720	.0318857	-.001158	.0140493	202.3570	1.008354
Stddev	.0041130	.006942	.0032434	.003648	.0011816	.3528	.003996
%RSD	2.278069	33.50519	10.17207	315.0599	8.410125	.1743415	.3962966

#1	.1839073	-.022284	.0350693	.002621	.0153940	201.9763	1.012570
#2	.1759614	-.026748	.0285855	-.004660	.0135768	202.6729	1.004622
#3	.1817775	-.013130	.0320023	-.001434	.0131771	202.4218	1.007871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081308	-.002654	54.72755	.2468658	.1987827	.6890125	388.8019
Stddev	.0001001	.000145	.13864	.0007000	.0013752	.0024003	1.3982
%RSD	1.230721	5.469101	.2533352	.2835374	.6917912	.3483644	.3596152

#1	.0081499	-.002724	54.73338	.2473255	.1997354	.6901294	390.3034
#2	.0080226	-.002487	54.86318	.2472117	.1994065	.6906508	388.5653
#3	.0082200	-.002751	54.58608	.2460603	.1972062	.6862573	387.5372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.681931	47.86228	.1809002	.0035148	3.687962	1.011069	.6273723
Stddev	.033018	.26710	.0009970	.0002129	.276034	.007360	.0132736
%RSD	.3410298	.5580616	.5511352	6.056427	7.484734	.7279871	2.115739

#1	9.706787	48.16797	.1810214	.0033689	3.521195	1.016386	.6263836
#2	9.694541	47.67393	.1818311	.0037591	4.006582	1.014153	.6146207
#3	9.644467	47.74495	.1798481	.0034165	3.536108	1.002668	.6411125

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.957619	5.270255	-.030365	.0003977	2.335912	3.252692	.0038196
Stddev	.027612	.049770	.003770	.0002013	.023359	.015698	.0018627
%RSD	.4634727	.9443613	12.41596	50.60868	1.000005	.4826068	48.76534

#1	5.979155	5.230258	-.027408	.0005451	2.325248	3.270790	.0017561
#2	5.967213	5.325992	-.034611	.0004797	2.362700	3.244522	.0043260
#3	5.926490	5.254515	-.029077	.0001684	2.319788	3.242765	.0053767

Sample Name: J1987-05 Acquired: 3/22/2018 15:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR72 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.373479	.0499300	.6425281
Stddev	.017694	.0002601	.0017189
%RSD	.5244949	.5210073	.2675142

#1	3.365643	.0496557	.6427867
#2	3.393738	.0501731	.6441029
#3	3.361057	.0499613	.6406945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.289	3649.545	42941.24	9138.381	3696.516
Stddev	4.780	21.367	148.58	74.138	17.289
%RSD	.2489287	.5854718	.3460099	.8112835	.4677121

#1	1925.578	3636.177	42916.03	9105.304	3685.205
#2	1916.278	3638.270	42806.87	9086.539	3687.925
#3	1919.011	3674.187	43100.81	9223.300	3716.418

Sample Name: J1987-06 Acquired: 3/22/2018 15:11:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1378546	-.023289	.0332016	.0033572	.0147237	204.1086	1.050778
Stddev	.0052662	.006515	.0006844	.0028634	.0004925	.5571	.001814
%RSD	3.820089	27.97412	2.061459	85.29040	3.345112	.2729532	.1726535

#1	.1361700	-.017654	.0337015	.0065086	.0149622	203.7042	1.049430
#2	.1437569	-.021791	.0324215	.0026477	.0141574	203.8775	1.050064
#3	.1336368	-.030423	.0334817	.0009153	.0150516	204.7441	1.052841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082013	-.002321	52.69891	.2571771	.2076962	.6957539	398.3214
Stddev	.0001105	.000342	.18047	.0009846	.0005936	.0054650	1.8237
%RSD	1.346860	14.74809	.3424533	.3828571	.2857918	.7854840	.4578479

#1	.0082142	-.002713	52.80097	.2578485	.2074808	.7005830	398.9433
#2	.0083048	-.002169	52.80522	.2560468	.2072403	.6968573	399.7527
#3	.0080850	-.002081	52.49054	.2576360	.2083674	.6898213	396.2680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.291936	48.83438	.1921035	.0032793	3.630786	1.054929	.6782465
Stddev	.058212	.24406	.0002776	.0001615	.141934	.006140	.0177723
%RSD	.6264825	.4997710	.1444881	4.923770	3.909180	.5819913	2.620324

#1	9.334180	48.85118	.1919403	.0034163	3.790414	1.056500	.6609702
#2	9.316094	49.06961	.1924240	.0033204	3.518808	1.048156	.6772930
#3	9.225535	48.58236	.1919463	.0031013	3.583138	1.060130	.6964764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.637904	5.056782	-.035746	.0005717	2.039362	2.905053	.0034039
Stddev	.058000	.032293	.015038	.0000867	.027326	.033060	.0004393
%RSD	2.198697	.6385996	42.07047	15.16739	1.339930	1.138034	12.90493

#1	2.634155	5.022602	-.045019	.0004843	2.018343	2.942143	.0039087
#2	2.697687	5.086779	-.018395	.0005730	2.070252	2.878683	.0031086
#3	2.581870	5.060965	-.043824	.0006577	2.029492	2.894332	.0031943

Sample Name: J1987-06 Acquired: 3/22/2018 15:11:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR73 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.418162	.0510330	.5884414
Stddev	.005857	.0004417	.0007762
%RSD	.1713378	.8655010	.1319122

#1	3.424838	.0507526	.5893075
#2	3.413886	.0508042	.5882082
#3	3.415764	.0515421	.5878085

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.419	3669.083	43140.40	9243.401	3677.179
Stddev	11.570	9.690	78.60	55.067	9.733
%RSD	.5984456	.2641049	.1822053	.5957393	.2646768

#1	1945.412	3678.354	43168.85	9181.004	3687.200
#2	1932.521	3669.873	43051.53	9285.197	3676.575
#3	1922.323	3659.021	43200.81	9264.003	3667.763

Sample Name: J1987-07 Acquired: 3/22/2018 15:15:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1261339	-.011470	.0252862	-.002156	.0120496	164.3508	.9454078
Stddev	.0048560	.005179	.0022390	.003040	.0041010	.5174	.0074134
%RSD	3.849859	45.15199	8.854677	140.9808	34.03453	.3148299	.7841495

#1	.1317340	-.008893	.0263232	-.005321	.0105167	164.1705	.9438041
#2	.1230888	-.017433	.0227166	-.001888	.0166963	163.9476	.9389275
#3	.1235790	-.008086	.0268186	.000741	.0089359	164.9342	.9534918

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072946	-.002381	48.72845	.2109045	.2105632	.5524069	344.5206
Stddev	.0000325	.000049	.34660	.0005226	.0015707	.0082833	2.6182
%RSD	.4451060	2.053019	.7112920	.2478049	.7459355	1.499500	.7599598

#1	.0072816	-.002422	48.63955	.2112395	.2094970	.5444683	343.6866
#2	.0073315	-.002327	48.43496	.2111717	.2098257	.5517558	342.4210
#3	.0072706	-.002393	49.11084	.2103023	.2123669	.5609966	347.4542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.718814	40.10409	.1569947	.0031352	3.235088	.8315568	.5744362
Stddev	.063522	.27658	.0003101	.0002098	.304925	.0084578	.0101998
%RSD	.7285601	.6896495	.1975431	6.690171	9.425548	1.017102	1.775613

#1	8.700947	40.04309	.1566836	.0031999	2.895344	.8247283	.5840109
#2	8.666139	39.86310	.1569967	.0033050	3.324899	.8289243	.5637092
#3	8.789355	40.40608	.1573038	.0029007	3.485020	.8410177	.5755885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.403602	5.548891	-.021895	.0001875	1.987927	2.626447	.0037547
Stddev	.046201	.057295	.003948	.0001570	.013518	.041843	.0016135
%RSD	1.922144	1.032553	18.03342	83.75487	.6800065	1.593154	42.97162

#1	2.406138	5.568863	-.021708	.0002495	1.999000	2.620004	.0028877
#2	2.356186	5.484283	-.018043	.0000089	1.972863	2.588198	.0056164
#3	2.448483	5.593528	-.025933	.0003040	1.991917	2.671138	.0027601

Sample Name: J1987-07 Acquired: 3/22/2018 15:15:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR74 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.216899	.0468452	.6295499
Stddev	.007556	.0014621	.0023887
%RSD	.3408285	3.121182	.3794307

#1	2.209412	.0462403	.6284136
#2	2.216762	.0457826	.6279415
#3	2.224522	.0485127	.6322946

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.814	3589.157	42545.46	8978.959	3737.539
Stddev	8.983	15.877	117.24	31.681	13.957
%RSD	.4708351	.4423515	.2755614	.3528330	.3734369

#1	1900.229	3598.154	42442.99	8986.825	3747.447
#2	1905.478	3598.492	42520.08	9005.966	3743.594
#3	1917.733	3570.825	42673.31	8944.086	3721.577

Sample Name: J1610-04 Acquired: 3/22/2018 15:21:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746712	-.013144	5.906934	-.001698	.0139751	19.79580
Stddev	.0087271	.003601	.026675	.002727	.0021509	.13207
%RSD	11.68739	27.39910	.4515907	160.5869	15.39069	.6671622

#1	.0757108	-.015049	5.876186	.000737	.0153923	19.89319
#2	.0654708	-.015392	5.920730	-.004644	.0115002	19.64547
#3	.0828319	-.008990	5.923886	-.001187	.0150330	19.84873

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.60647	.0025219	.0870575	F 1837.710	.0296547	.0298295
Stddev	.07721	.0002185	.0004907	10.928	.0014628	.0002812
%RSD	.2522557	8.662543	.5636142	.5946314	4.932952	.9428271

#1	30.54622	.0025316	.0865943	1825.092	.0284183	.0299884
#2	30.57968	.0027354	.0875717	1844.027	.0292762	.0295048
#3	30.69350	.0022988	.0870065	1844.011	.0312696	.0299954

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2506066	130.9664	3.784049	F 1063.176	.0875781	.0026115
Stddev	.0018603	.2430	.002304	2.511	.0002575	.0001050
%RSD	.7423247	.1855747	.0608953	.2361689	.2940330	4.021125

#1	.2497296	130.8392	3.781591	1061.269	.0878745	.0025863
#2	.2493468	130.8134	3.786160	1062.237	.0874512	.0025213
#3	.2527433	131.2466	3.784397	1066.021	.0874087	.0027268

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.104335	.1655694	15.21408	1.407767	2.363454	.0336521
Stddev	.181452	.0063575	.15660	.011622	.034778	.0007527
%RSD	4.420994	3.839767	1.029292	.8255822	1.471484	2.236623

#1	4.154404	.1728789	15.17083	1.409445	2.328774	.0343393
#2	4.255496	.1613258	15.08365	1.395397	2.363257	.0337692
#3	3.903105	.1625036	15.38776	1.418460	2.398329	.0328477

Sample Name: J1610-04 Acquired: 3/22/2018 15:21:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236158	31.29721	19.85266	.0012413	.3228407	.0480865
Stddev	.0004670	.44315	.06456	.0019800	.0064213	.0008412
%RSD	1.977581	1.415943	.3252042	159.5132	1.989002	1.749264

#1	.0238748	30.88028	19.87675	.0034576	.3227507	.0483374
#2	.0230766	31.24875	19.77952	-.000353	.3164649	.0471484
#3	.0238958	31.76260	19.90172	.000619	.3293066	.0487736

Elem	Sr4077
Units	ppm
Avg	1.006925
Stddev	.004113
%RSD	.4085132

#1	1.005058
#2	1.004075
#3	1.011640

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.125	2738.704	33914.87	7651.805	2808.843
Stddev	14.149	10.800	352.35	32.039	8.698
%RSD	.9624074	.3943377	1.038914	.4187080	.3096686

#1	1484.496	2748.444	34287.62	7683.526	2818.786
#2	1469.669	2727.090	33869.72	7652.432	2802.643
#3	1456.210	2740.578	33587.28	7619.458	2805.099

Sample Name: J1610-05 Acquired: 3/22/2018 15:25:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1274270	.0050690	2.883638	.0044631	.0085815	89.84186
Stddev	.0009116	.0016208	.015623	.0016879	.0011899	.50730
%RSD	.7153713	31.97394	.5417666	37.81883	13.86615	.5646618

#1	.1282946	.0037829	2.865899	.0056365	.0073675	90.08202
#2	.1264770	.0068895	2.895346	.0025287	.0086313	90.18448
#3	.1275095	.0045347	2.889669	.0052242	.0097458	89.25907

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.14511	.0091057	.0088004	75.78662	.1870608	.1769993
Stddev	.15270	.0001229	.0000243	.18111	.0016798	.0011276
%RSD	.5065622	1.349872	.2755381	.2389761	.8979935	.6370562

#1	30.24054	.0092052	.0088191	75.58325	.1862320	.1756998
#2	29.96899	.0089683	.0088092	75.93052	.1889939	.1777187
#3	30.22580	.0091438	.0087730	75.84608	.1859564	.1775794

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2855299	205.7406	16.04896	35.45175	.1710525	.0018889
Stddev	.0010413	.3273	.06142	.06408	.0016726	.0001697
%RSD	.3646769	.1590913	.3827003	.1807528	.9778339	8.982986

#1	.2862866	205.3806	15.97944	35.43870	.1695996	.0020618
#2	.2859607	206.0203	16.07158	35.39519	.1728810	.0018823
#3	.2843424	205.8208	16.09586	35.52134	.1706769	.0017226

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.701828	.3702851	3.717204	11.22050	7.761076	.0108744
Stddev	.161406	.0022766	.027312	.03873	.064514	.0044703
%RSD	9.484247	.6148217	.7347426	.3451506	.8312559	41.10842

#1	1.680788	.3703918	3.745965	11.21090	7.716354	.0059005
#2	1.872723	.3725064	3.691620	11.26313	7.835032	.0121658
#3	1.551975	.3679570	3.714026	11.18748	7.731841	.0145568

Sample Name: J1610-05 Acquired: 3/22/2018 15:25:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096055	9.790818	35.56594	.0078337	1.743477	.0544176
Stddev	.0000770	.070632	.18821	.0011285	.012935	.0003651
%RSD	.8018528	.7214098	.5291721	14.40624	.7419161	.6709533

#1	.0096294	9.747499	35.73362	.0072979	1.739046	.0548391
#2	.0096677	9.872323	35.36238	.0070729	1.758045	.0542136
#3	.0095193	9.752632	35.60183	.0091304	1.733340	.0542000

Elem	Sr4077
Units	ppm
Avg	.2869669
Stddev	.0008519
%RSD	.2968708

#1	.2872341
#2	.2876531
#3	.2860134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.555	3717.494	44096.49	9295.983	3737.905
Stddev	18.820	11.352	207.99	32.005	13.540
%RSD	.9708486	.3053641	.4716692	.3442925	.3622304

#1	1935.566	3730.344	44136.61	9276.435	3752.647
#2	1958.690	3708.826	44281.50	9278.594	3726.024
#3	1921.407	3713.313	43871.37	9332.918	3735.045

Sample Name: J1987-08 Acquired: 3/22/2018 15:29:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1404124	-.013874	.0421992	-.003776	.0138684	172.6863	.9878667
Stddev	.0080352	.003177	.0023998	.007523	.0022310	.5779	.0048535
%RSD	5.722542	22.89751	5.686911	199.2046	16.08693	.3346593	.4913144

#1	.1459774	-.010522	.0394313	-.012452	.0117942	172.5824	.9934494
#2	.1312006	-.014258	.0436990	.000171	.0135823	172.1673	.9846483
#3	.1440593	-.016841	.0434672	.000951	.0162286	173.3091	.9855025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082291	-.002567	44.80650	.1682154	.2534205	.9720294	399.3227
Stddev	.0001115	.000101	.09892	.0003052	.0013676	.0022902	2.1352
%RSD	1.354703	3.920657	.2207613	.1814223	.5396559	.2356098	.5347027

#1	.0082861	-.002625	44.90073	.1679065	.2533531	.9741636	401.7674
#2	.0083006	-.002626	44.70348	.1685167	.2520879	.9696099	398.3770
#3	.0081007	-.002451	44.81528	.1682232	.2548206	.9723146	397.8237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.56371	48.14397	.1713132	.0035431	3.349401	.8652548	.5787850
Stddev	.01760	.29960	.0007230	.0002929	.114617	.0106466	.0175900
%RSD	.1665777	.6222998	.4220509	8.265666	3.422005	1.230458	3.039126

#1	10.58269	48.45173	.1705603	.0033009	3.358219	.8600758	.5698207
#2	10.54794	48.12691	.1713771	.0034598	3.230631	.8581885	.5674829
#3	10.56049	47.85326	.1720021	.0038686	3.459354	.8775000	.5990513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.692066	5.804432	-.037299	-.000337	1.709036	1.537447	.0029853
Stddev	.085763	.064243	.009707	.000033	.005762	.009839	.0005930
%RSD	2.322898	1.106794	26.02461	9.821908	.3371758	.6399357	19.86369

#1	3.594261	5.735023	-.031205	-.000323	1.707939	1.547223	.0035606
#2	3.727514	5.861808	-.032200	-.000374	1.715268	1.527546	.0030190
#3	3.754421	5.816466	-.048493	-.000313	1.703901	1.537573	.0023761

Sample Name: J1987-08 Acquired: 3/22/2018 15:29:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR75 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.195084	.0483752	.4984840
Stddev	.015500	.0009319	.0013696
%RSD	.7061301	1.926404	.2747592

#1	2.179650	.0490400	.4985478
#2	2.194951	.0473100	.4970836
#3	2.210649	.0487755	.4998206

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.890	3627.939	42740.89	9141.308	3722.984
Stddev	5.618	9.498	35.06	59.339	12.371
%RSD	.2946189	.2618000	.0820305	.6491263	.3322824

#1	1913.374	3626.987	42700.40	9134.811	3725.377
#2	1903.466	3637.878	42761.24	9203.627	3733.983
#3	1903.831	3618.954	42761.02	9085.484	3709.591

Sample Name: J1987-09 Acquired: 3/22/2018 15:33:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR76 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2212012	-.022463	.0325634	-.005288	.0168509	167.5216	1.011795
Stddev	.0044743	.002319	.0031672	.001113	.0029489	.1382	.000355
%RSD	2.022741	10.32261	9.726364	21.04623	17.49972	.0825113	.0351143

#1	.2184957	-.020848	.0360259	-.006107	.0193334	167.4305	1.012162
#2	.2263658	-.025120	.0298126	-.004021	.0176280	167.6807	1.011770
#3	.2187422	-.021421	.0318517	-.005735	.0135913	167.4537	1.011453

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095097	-.002510	44.86116	.2259086	.1876544	.6505169	473.6402
Stddev	.0000679	.000204	.00986	.0017434	.0011949	.0018381	1.7969
%RSD	.7142635	8.128459	.0219745	.7717500	.6367501	.2825550	.3793716

#1	.0095833	-.002743	44.86234	.2240696	.1863052	.6511970	475.5004
#2	.0094966	-.002360	44.87037	.2261189	.1880789	.6519180	471.9142
#3	.0094494	-.002428	44.85076	.2275374	.1885790	.6484357	473.5061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.426518	40.53224	.1738453	.0050212	4.121572	.9703578	.6036325
Stddev	.018192	.16541	.0011321	.0002419	.087028	.0057032	.0018216
%RSD	.2158867	.4081029	.6512280	4.817597	2.111523	.5877396	.3017666

#1	8.445209	40.67647	.1726292	.0049704	4.057894	.9769286	.6057201
#2	8.408871	40.35168	.1748687	.0048088	4.086085	.9666910	.6028109
#3	8.425472	40.56856	.1740380	.0052845	4.220736	.9674540	.6023664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.177972	6.639847	-.050637	-.000445	2.781335	6.834104	.0033135
Stddev	.075751	.051078	.015486	.000146	.012164	.019837	.0020546
%RSD	3.478043	.7692602	30.58168	32.85912	.4373405	.2902684	62.00840

#1	2.101557	6.649456	-.032815	-.000290	2.791375	6.812152	.0028835
#2	2.253041	6.685438	-.058286	-.000466	2.784821	6.839414	.0015079
#3	2.179319	6.584648	-.060809	-.000580	2.767809	6.850745	.0055491

Sample Name: J1987-09 Acquired: 3/22/2018 15:33:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR76 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.493818	.0473386	.5981408
Stddev	.005394	.0004127	.0016480
%RSD	.2163099	.8718716	.2755163

#1	2.489779	.0472298	.6000430
#2	2.499944	.0469911	.5972367
#3	2.491732	.0477948	.5971429

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.043	3673.565	43420.77	9250.864	3709.251
Stddev	15.975	9.154	208.85	19.607	9.302
%RSD	.8298329	.2491825	.4809935	.2119486	.2507730

#1	1918.262	3684.058	43217.00	9257.811	3719.080
#2	1943.290	3669.424	43634.36	9266.052	3708.086
#3	1913.578	3667.214	43410.96	9228.730	3700.586

Sample Name: J1987-10 Acquired: 3/22/2018 15:37:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1761610	-.026015	.0282329	-.004507	.0181300	205.7899	1.152511
Stddev	.0062514	.001556	.0016326	.002728	.0018540	.4961	.000271
%RSD	3.548666	5.982534	5.782595	60.52164	10.22606	.2410572	.0234777

#1	.1784897	-.027812	.0272738	-.006339	.0192976	205.8936	1.152682
#2	.1809138	-.025147	.0273070	-.001372	.0191002	205.2501	1.152651
#3	.1690795	-.025086	.0301179	-.005810	.0159922	206.2259	1.152199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092952	-.002362	56.27249	.2831666	.2262062	.7447091	454.0681
Stddev	.0000480	.000204	.22301	.0007102	.0025459	.0016074	1.8381
%RSD	.5166894	8.621319	.3962981	.2508219	1.125465	.2158486	.4048113

#1	.0093389	-.002395	56.01797	.2834223	.2246546	.7454471	452.6857
#2	.0093029	-.002547	56.43357	.2823639	.2248196	.7458149	456.1540
#3	.0092438	-.002144	56.36595	.2837136	.2291444	.7428651	453.3645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.58736	48.97052	.2024673	.0044334	3.779919	1.160198	.7064640
Stddev	.06142	.15358	.0027880	.0002836	.173908	.005468	.0185732
%RSD	.5801658	.3136153	1.377037	6.398166	4.600848	.4712720	2.629034

#1	10.52233	48.89014	.2016873	.0041793	3.640752	1.166223	.7171554
#2	10.64439	49.14761	.2001523	.0043814	3.974876	1.155552	.6850176
#3	10.59535	48.87381	.2055623	.0047394	3.724128	1.158821	.7172191

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.436456	5.730838	-.028227	-.000069	2.079023	4.537859	.0032855
Stddev	.074481	.088863	.010634	.000356	.030915	.038415	.0013090
%RSD	1.001562	1.550616	37.67364	516.0667	1.486981	.8465363	39.84074

#1	7.392477	5.781593	-.032552	.000342	2.096254	4.562325	.0034368
#2	7.522451	5.628229	-.016112	-.000278	2.043333	4.493583	.0045123
#3	7.394439	5.782691	-.036017	-.000272	2.097481	4.557669	.0019075

Sample Name: J1987-10 Acquired: 3/22/2018 15:37:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR77 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.194776	.0550802	.6505034
Stddev	.014836	.0003105	.0007007
%RSD	.4643783	.5637296	.1077171

#1	3.192355	.0547486	.6499510
#2	3.181299	.0551277	.6502677
#3	3.210673	.0553642	.6512916

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.187	3636.272	42940.16	9214.818	3638.121
Stddev	6.062	28.928	93.00	15.285	27.832
%RSD	.3158802	.7955385	.2165886	.1658725	.7650189

#1	1923.836	3654.322	42929.24	9232.464	3650.140
#2	1912.330	3651.588	42853.10	9206.320	3657.925
#3	1921.396	3602.906	43038.15	9205.671	3606.299

Sample Name: J1987-11 Acquired: 3/22/2018 15:41:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2032466	-.026822	.0449684	-.000541	.0169470	194.0185	.9795941
Stddev	.0003259	.003884	.0030488	.003297	.0015609	.6946	.0022156
%RSD	.1603358	14.48113	6.779853	608.9491	9.210328	.3579838	.2261714

#1	.2033380	-.030194	.0414492	-.004270	.0172013	193.5189	.9796931
#2	.2035170	-.027695	.0466475	.000655	.0152747	193.7250	.9817584
#3	.2028848	-.022575	.0468086	.001991	.0183652	194.8116	.9773306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087475	-.002249	46.98258	.2849686	.1705969	.6679463	375.0438
Stddev	.0001379	.000038	.23251	.0008255	.0002387	.0039731	1.5391
%RSD	1.575982	1.674326	.4948886	.2896718	.1399295	.5948246	.4103869

#1	.0087478	-.002265	47.08326	.2844897	.1703929	.6725067	376.3052
#2	.0086095	-.002206	47.14779	.2859217	.1708594	.6660997	375.4973
#3	.0088852	-.002276	46.71670	.2844943	.1705384	.6652326	373.3289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.647400	41.11593	.1733906	.0040589	3.464385	.9912549	.6298695
Stddev	.021678	.06892	.0014330	.0002722	.080858	.0002675	.0077837
%RSD	.4664603	.1676132	.8264540	6.706717	2.333980	.0269810	1.235771

#1	4.659995	41.17186	.1747973	.0043722	3.399003	.9911053	.6295754
#2	4.659836	41.13699	.1734419	.0038801	3.554799	.9915637	.6377961
#3	4.622368	41.03894	.1719327	.0039244	3.439354	.9910958	.6222369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.385503	4.969610	-.020444	.0001607	2.411556	3.347628	.0079041
Stddev	.033283	.045818	.006168	.0003887	.022370	.007799	.0012101
%RSD	.6180049	.9219564	30.16949	241.8653	.9276244	.2329629	15.31034

#1	5.354145	4.955154	-.017949	-.000240	2.401438	3.355620	.0093000
#2	5.420424	4.932764	-.015914	.000536	2.396033	3.347224	.0071507
#3	5.381939	5.020912	-.027468	.000187	2.437198	3.340038	.0072616

Sample Name: J1987-11 Acquired: 3/22/2018 15:41:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR78 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.412503	.0539922	.6950356
Stddev	.005052	.0008144	.0005125
%RSD	.2093918	1.508371	.0737402

#1	2.407909	.0533801	.6951331
#2	2.417913	.0549165	.6954924
#3	2.411687	.0536800	.6944813

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.883	3665.247	43235.80	9243.980	3710.047
Stddev	5.086	3.263	95.91	34.476	7.511
%RSD	.2645127	.0890133	.2218215	.3729524	.2024381

#1	1924.332	3666.446	43346.19	9259.276	3702.192
#2	1917.229	3667.740	43188.33	9268.161	3710.792
#3	1927.088	3661.554	43172.90	9204.502	3717.158

Sample Name: J1987-12 Acquired: 3/22/2018 15:45:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6064181	-.010092	.0511264	.0005774	.0870924	220.0387	1.071976
Stddev	.0024682	.001975	.0030575	.0040019	.0026136	.7608	.002185
%RSD	.4070063	19.57147	5.980172	693.0735	3.000969	.3457615	.2038340

#1	.6080665	-.011204	.0477018	.0050470	.0860744	220.2814	1.070582
#2	.6035804	-.007811	.0520958	-.002673	.0851410	220.6487	1.074494
#3	.6076073	-.011260	.0535816	-.000642	.0900619	219.1862	1.070852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084590	-.002659	38.78182	.3432838	.2703163	.7812130	392.1419
Stddev	.0001759	.000148	.11615	.0007238	.0013914	.0049038	.3448
%RSD	2.079307	5.568671	.2994991	.2108619	.5147199	.6277183	.0879263

#1	.0085379	-.002492	38.66383	.3441097	.2714487	.7772149	391.7481
#2	.0082575	-.002775	38.78560	.3429826	.2687631	.7866847	392.2883
#3	.0085817	-.002710	38.89604	.3427593	.2707372	.7797395	392.3894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.33310	25.52686	.2649069	.0042342	3.182208	.8939103	.5746694
Stddev	.04916	.05765	.0020655	.0001828	.105257	.0109114	.0146624
%RSD	.3687274	.2258500	.7797012	4.318019	3.307659	1.220633	2.551449

#1	13.28761	25.46093	.2660634	.0044437	3.108245	.9060565	.5862380
#2	13.32642	25.56778	.2625222	.0041071	3.135666	.8907375	.5795908
#3	13.38526	25.55188	.2661350	.0041517	3.302712	.8849370	.5581794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.974811	6.167561	-.034986	.0000511	2.055508	3.699420	.0023331
Stddev	.044145	.101150	.009284	.0002693	.019060	.023013	.0008973
%RSD	1.483950	1.640027	26.53533	526.7131	.9272630	.6220801	38.45973

#1	2.931219	6.283866	-.044274	-.000252	2.075599	3.706417	.0026058
#2	3.019489	6.118692	-.025707	.000144	2.037681	3.673720	.0030624
#3	2.973726	6.100126	-.034975	.000261	2.053246	3.718123	.0013311

Sample Name: J1987-12 Acquired: 3/22/2018 15:45:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v467) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR79 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.076584	.0836331	.5741737
Stddev	.003786	.0002953	.0014647
%RSD	.3517001	.3530968	.2551030

#1	1.076551	.0834691	.5738676
#2	1.080386	.0839740	.5757673
#3	1.072814	.0834563	.5728863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.331	3546.294	41932.75	8861.384	3697.642
Stddev	22.544	14.670	226.11	25.363	20.798
%RSD	1.217716	.4136638	.5392249	.2862204	.5624639

#1	1838.974	3534.119	41958.82	8846.262	3677.387
#2	1837.667	3562.581	41694.73	8890.666	3718.943
#3	1877.352	3542.181	42144.69	8847.225	3696.597