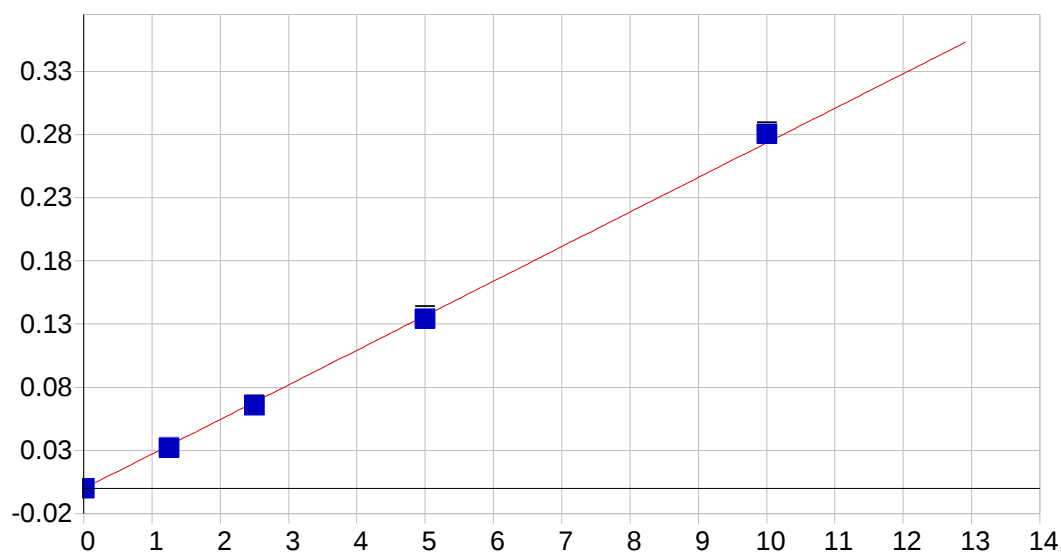


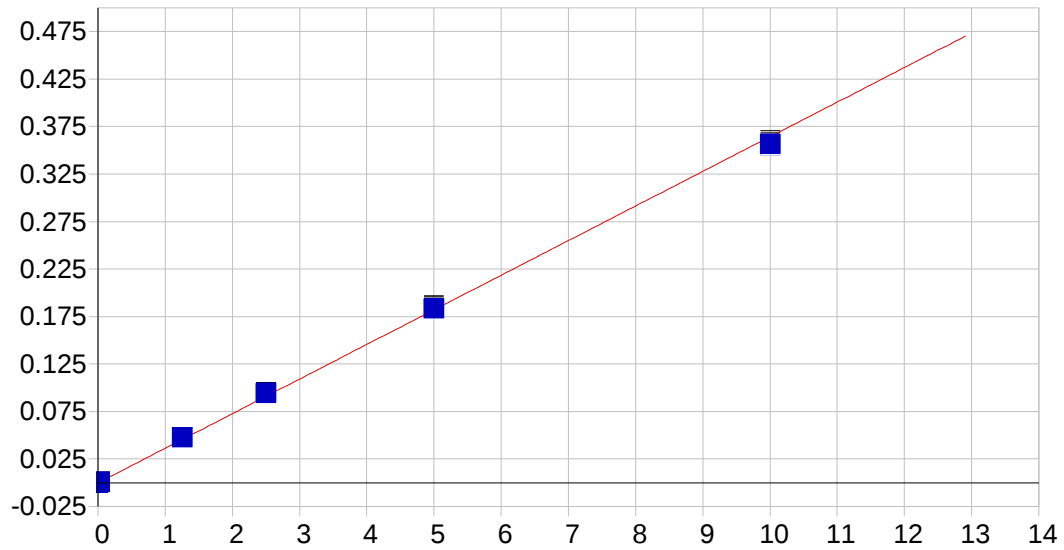


As 189.042 {479}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000165 Re-Slope: 1.000000
 A1 (Gain): 0.027356 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999585 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.004058
 Predicted MQL: 0.013526

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.01000	.00850	-.002	-15.0	.00007	.000	1
S2	1.2500	1.1856	-.064	-5.16	.03235	.000	1
S3	2.5000	2.3974	-.103	-4.10	.06558	.000	1
S4	5.0000	4.9150	-.085	-1.70	.13461	.002	1
S5	10.000	10.254	.254	2.54	.28098	.001	1

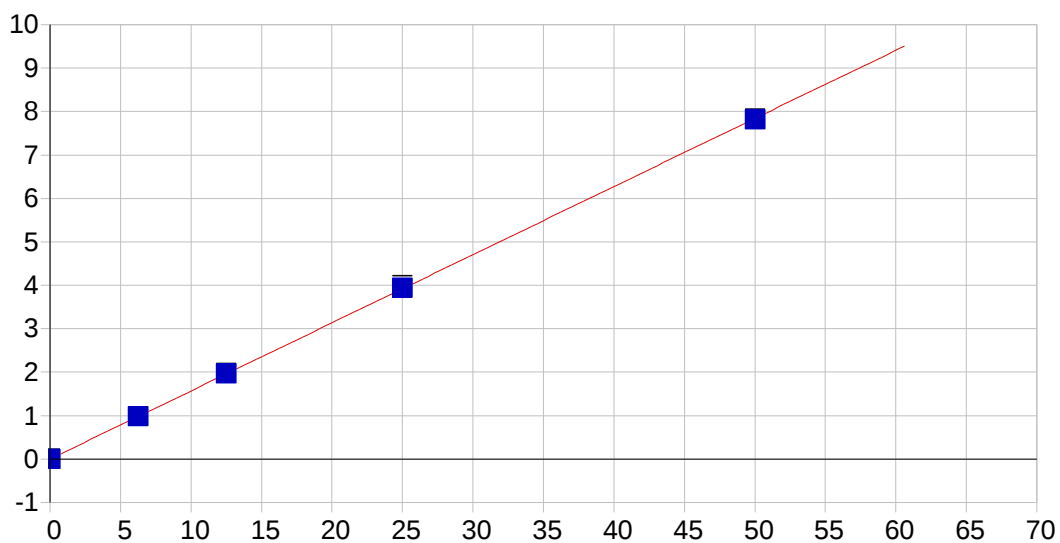


TI 190.856 {477}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000156 Re-Slope: 1.000000
 A1 (Gain): 0.036445 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999687 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.002475
 Predicted MQL: 0.008249

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.02500	.02675	.002	7.00	.00081	.000	1
S2	1.2500	1.3143	.064	5.14	.04747	.000	1
S3	2.5000	2.5936	.094	3.74	.09382	.001	1
S4	5.0000	5.0468	.047	.935	.18267	.003	1
S5	10.000	9.7937	-.206	-2.06	.35457	.003	1

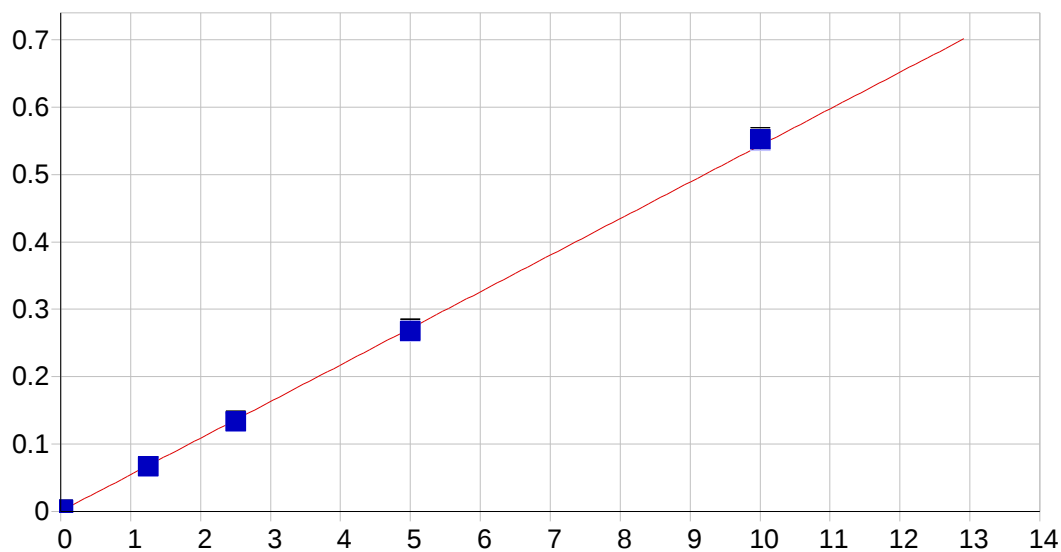


Pb 220.353 {453}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000188 Re-Slope: 1.000000
 A1 (Gain): 0.156834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.001590
 Predicted MQL: 0.005300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.01010	.000	1.03	.00141	.000	1
S2	6.2500	6.2738	.024	.380	.98528	.004	1
S3	12.500	12.525	.025	.197	1.9672	.007	1
S4	25.000	25.128	.128	.510	3.9468	.049	1
S5	50.000	49.824	-.176	-.352	7.8262	.020	1

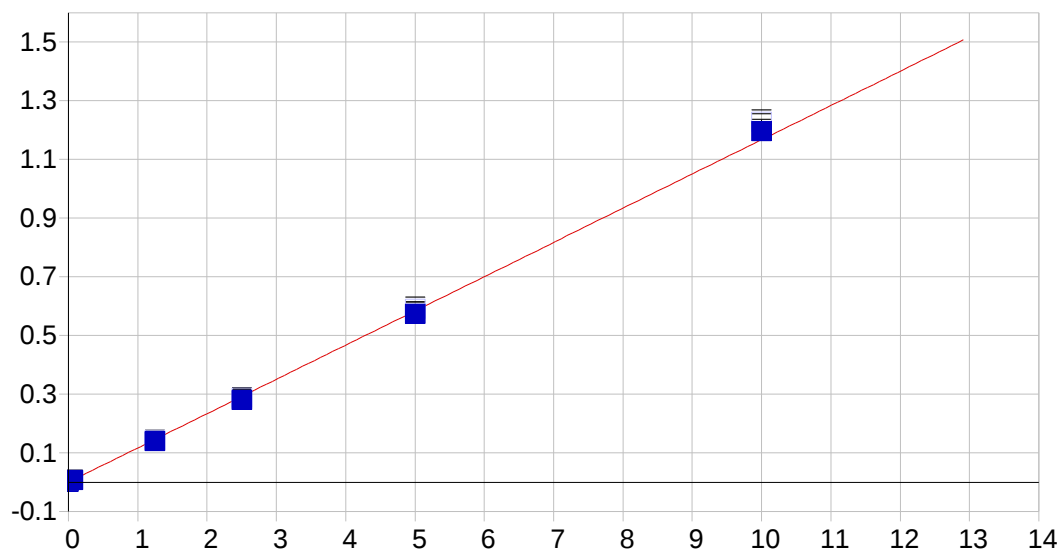


Se 196.090 {472}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000343 Re-Slope: 1.000000
 A1 (Gain): 0.054286 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.003164
 Predicted MQL: 0.010548

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.03500	.03288	-.002	-6.06	.00213	.000	1
S2	1.2500	1.2189	-.031	-2.49	.06619	.000	1
S3	2.5000	2.4465	-.054	-2.14	.13252	.002	1
S4	5.0000	4.9231	-.077	-1.54	.26633	.004	1
S5	10.000	10.164	.164	1.64	.54954	.003	1

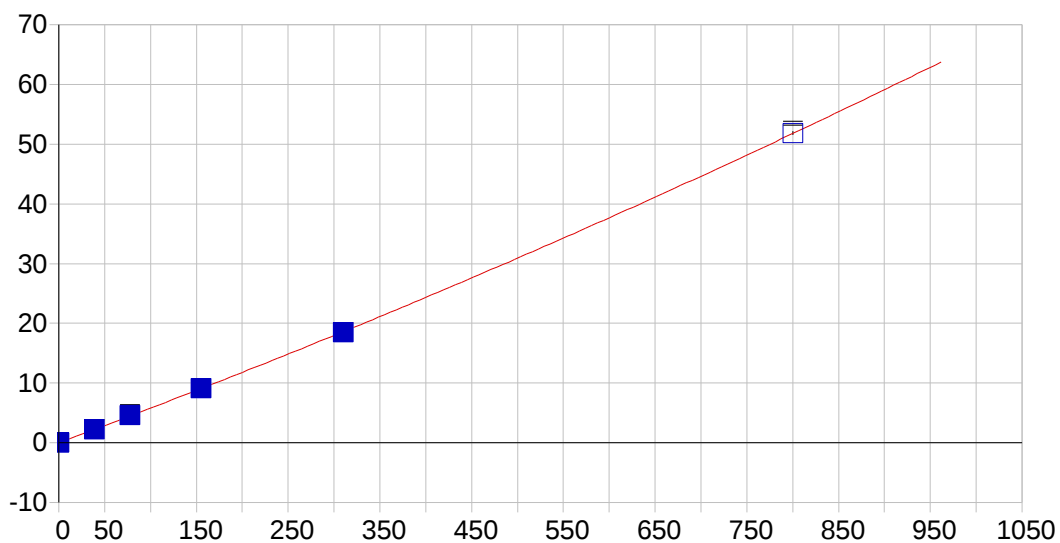


Sb 206.833 {463}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000173 Re-Slope: 1.000000
 A1 (Gain): 0.116721 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999621 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.001696
 Predicted MQL: 0.005653

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00017	.000	1
S1	.06000	.05910	-.001	-1.51	.00707	.000	1
S2	1.2500	1.1919	-.058	-4.65	.14326	.000	1
S3	2.5000	2.3961	-.104	-4.15	.28780	.002	1
S4	5.0000	4.9100	-.090	-1.80	.58917	.008	1
S5	10.000	10.253	.253	2.53	1.2287	.007	1

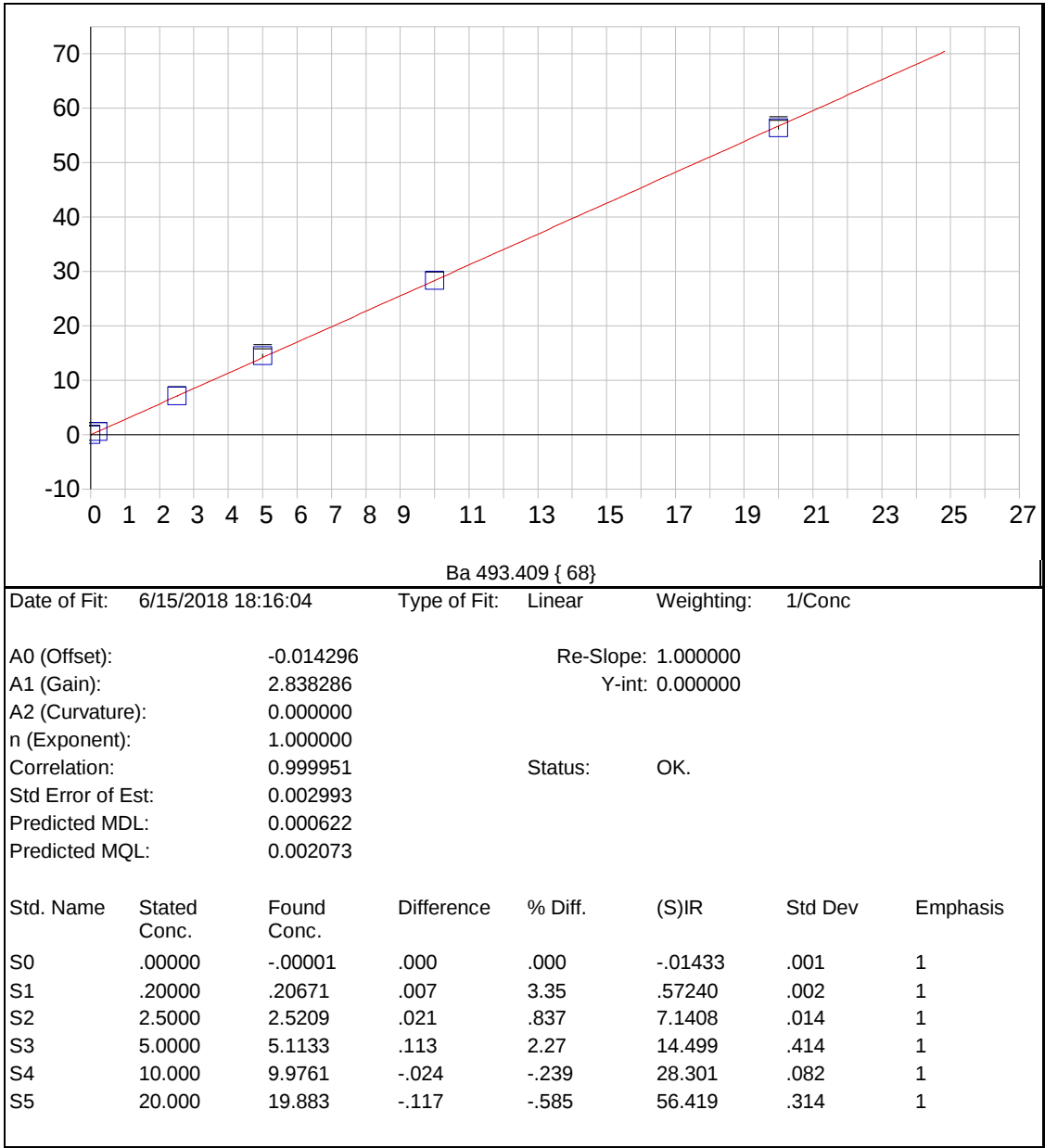


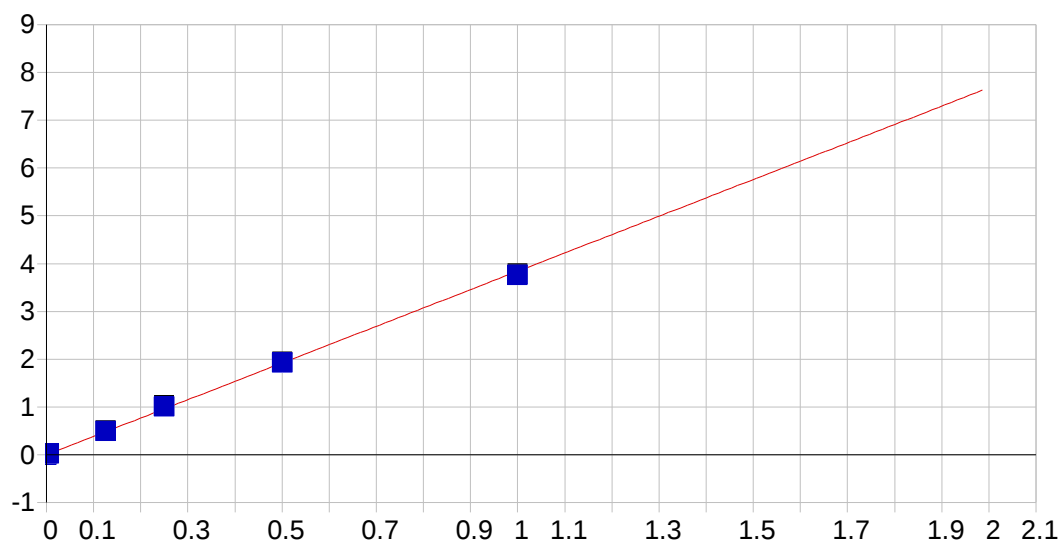
AI 396.152 { 85}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000565	Re-Slope: 1.000000
A1 (Gain):	0.056993	Y-int: 0.000000
A2 (Curvature):	0.000010	
n (Exponent):	1.000000	
Correlation:	0.999981	Status: Warning Positive Curvature
Std Error of Est:	0.000269	
Predicted MDL:	0.010075	
Predicted MQL:	0.033583	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00056	.001	1
S1	.20000	.20616	.006	3.08	.01233	.000	1
S2	38.750	38.998	.248	.640	2.2399	.006	1
S3	77.500	79.063	1.56	2.02	4.5711	.147	1
S4	155.00	155.11	.108	.070	9.0811	.036	1
S5	310.00	307.36	-2.64	-.851	18.446	.059	1
S6	800.00	800.74	.739	.092	51.826	.319	1



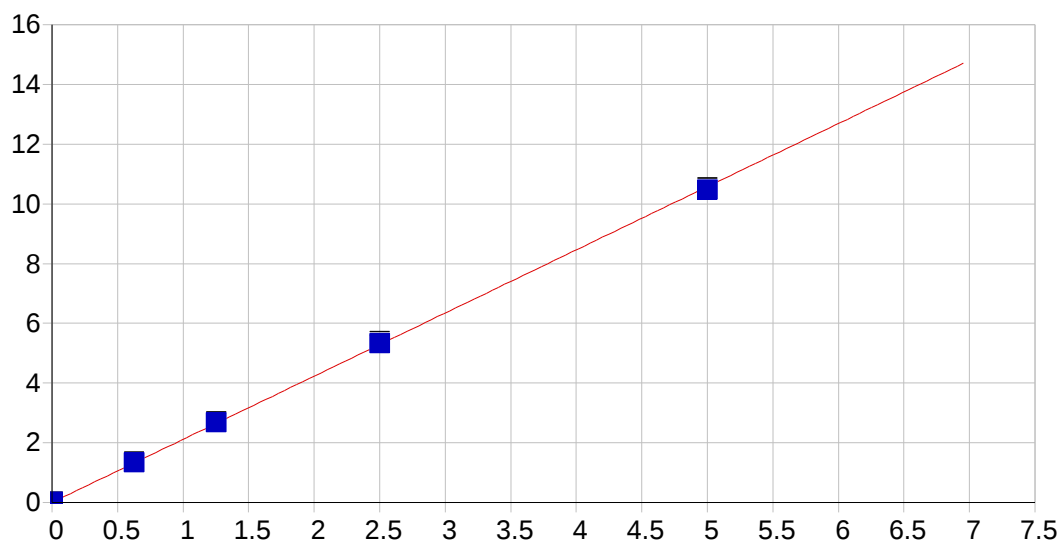


Be 234.861 {144}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001160 Re-Slope: 1.000000
 A1 (Gain): 3.840262 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693 Status: OK.
 Std Error of Est: 0.000355
 Predicted MDL: 0.000072
 Predicted MQL: 0.000241

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00116	.000	1
S1	.00500	.00533	.000	6.53	.01928	.000	1
S2	.12500	.12905	.004	3.24	.49233	.006	1
S3	.25000	.26242	.012	4.97	1.0024	.029	1
S4	.50000	.50225	.002	.450	1.9192	.016	1
S5	1.0000	.98095	-.019	-1.91	3.7491	.017	1

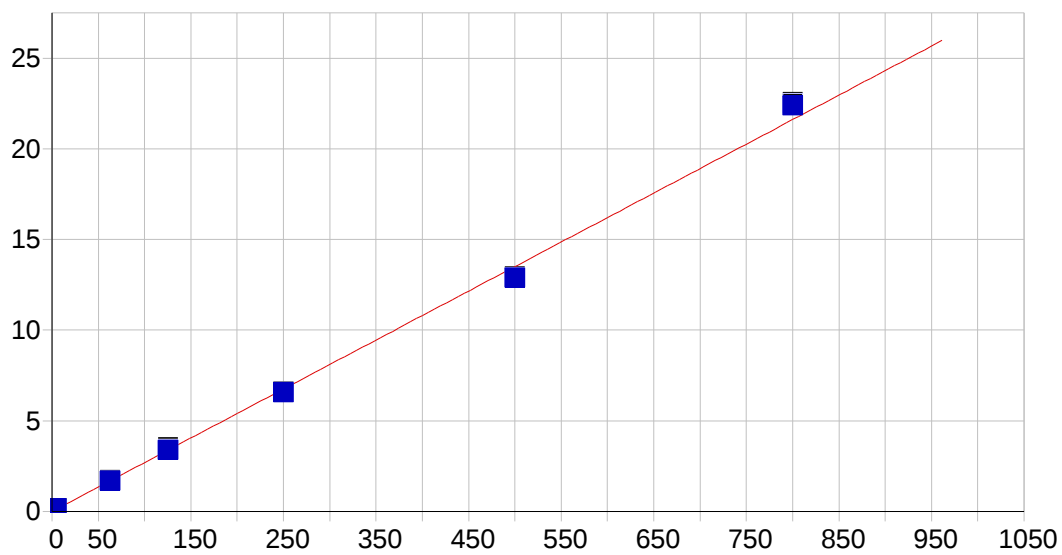


Cd 214.438 {457}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000446 Re-Slope: 1.000000
 A1 (Gain): 2.114896 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000193
 Predicted MDL: 0.000081
 Predicted MQL: 0.000270

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00045	.000	1
S1	.00500	.00511	.000	2.16	.01126	.000	1
S2	.62500	.63646	.011	1.83	1.3492	.004	1
S3	1.2500	1.2691	.019	1.53	2.6900	.012	1
S4	2.5000	2.5180	.018	.720	5.3366	.061	1
S5	5.0000	4.9513	-.049	-.974	10.494	.046	1

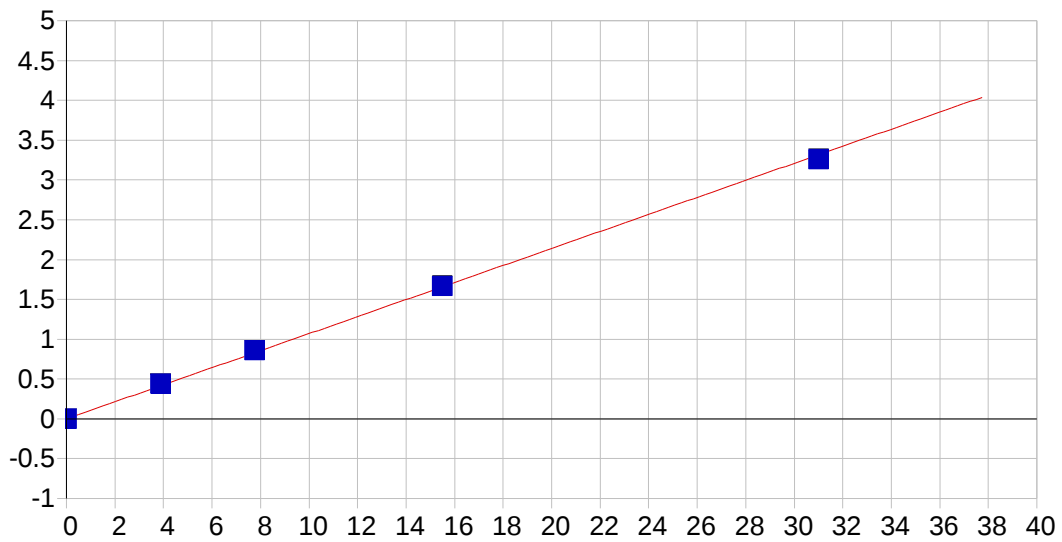


Ca 373.690 { 90}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001033 Re-Slope: 1.000000
 A1 (Gain): 0.027013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999331 Status: OK.
 Std Error of Est: 0.003465
 Predicted MDL: 0.014960
 Predicted MQL: 0.049867

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	.000	.000	.00103	.000	1
S1	5.0000	5.3028	.303	6.06	.14429	.001	1
S2	62.500	62.882	.382	.611	1.7057	.007	1
S3	125.00	125.81	.806	.645	3.4115	.097	1
S4	250.00	242.82	-7.18	-2.87	6.5845	.004	1
S5	500.00	476.76	-23.2	-4.65	12.928	.032	1
S6	800.00	828.86	28.9	3.61	22.519	.056	1

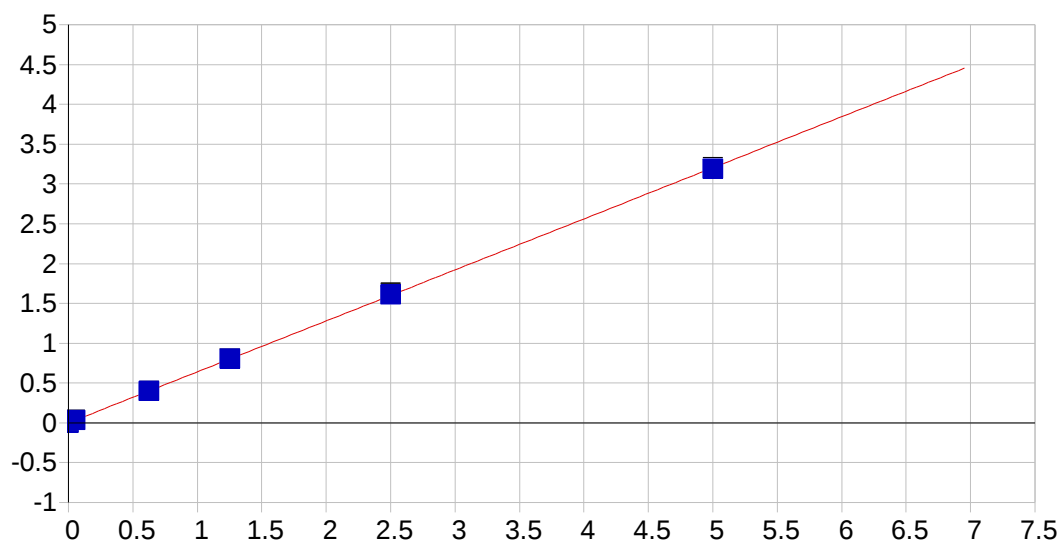


Cr 267.716 {126}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000006 Re-Slope: 1.000000
 A1 (Gain): 0.106983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999733 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.000470
 Predicted MQL: 0.001565

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01183	.002	18.3	.00126	.000	1
S2	3.8750	4.0906	.216	5.56	.43835	.001	1
S3	7.7500	8.0204	.270	3.49	.85951	.001	1
S4	15.500	15.548	.048	.312	1.6663	.005	1
S5	31.000	30.464	-.536	-1.73	3.2649	.002	1

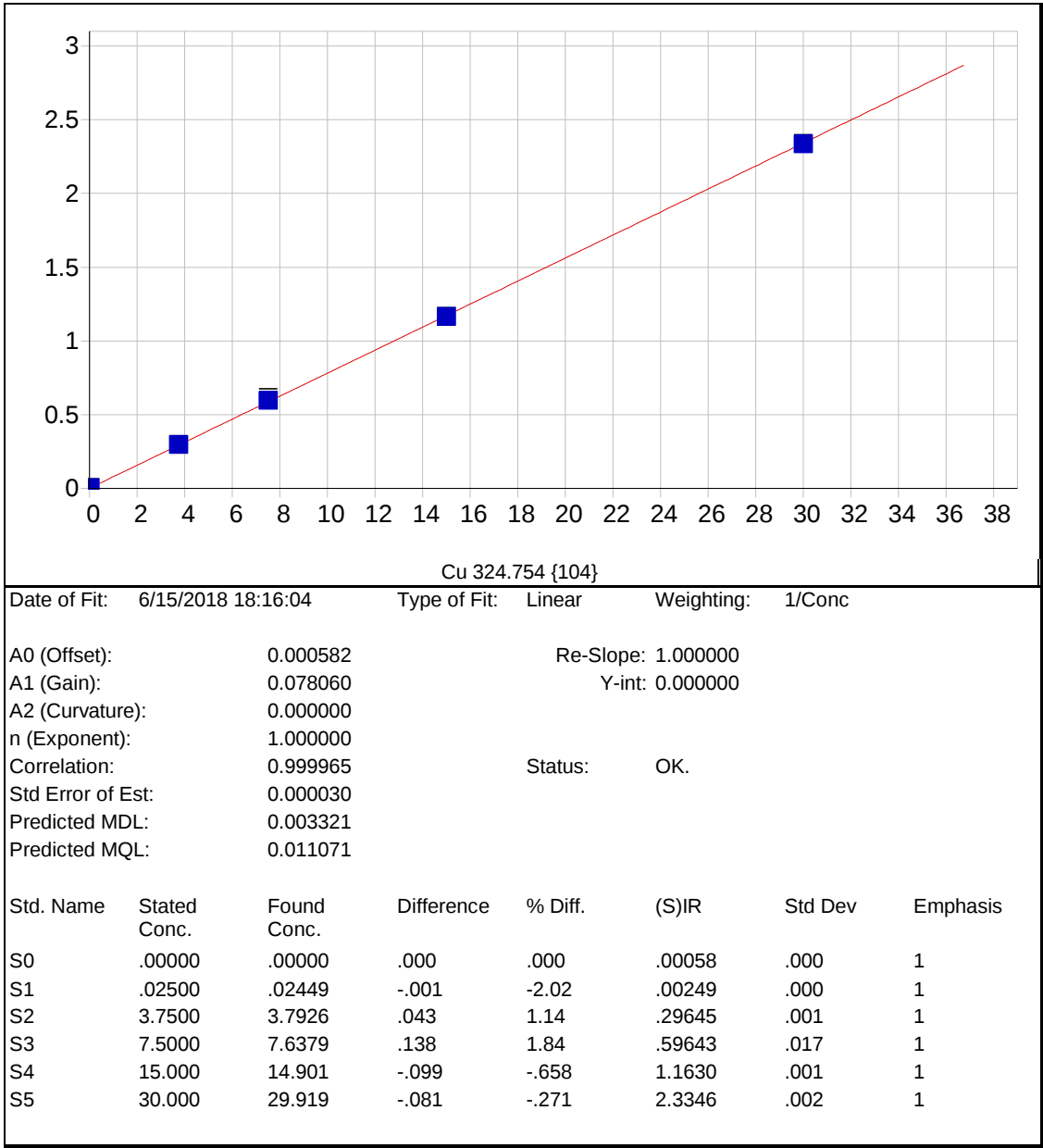


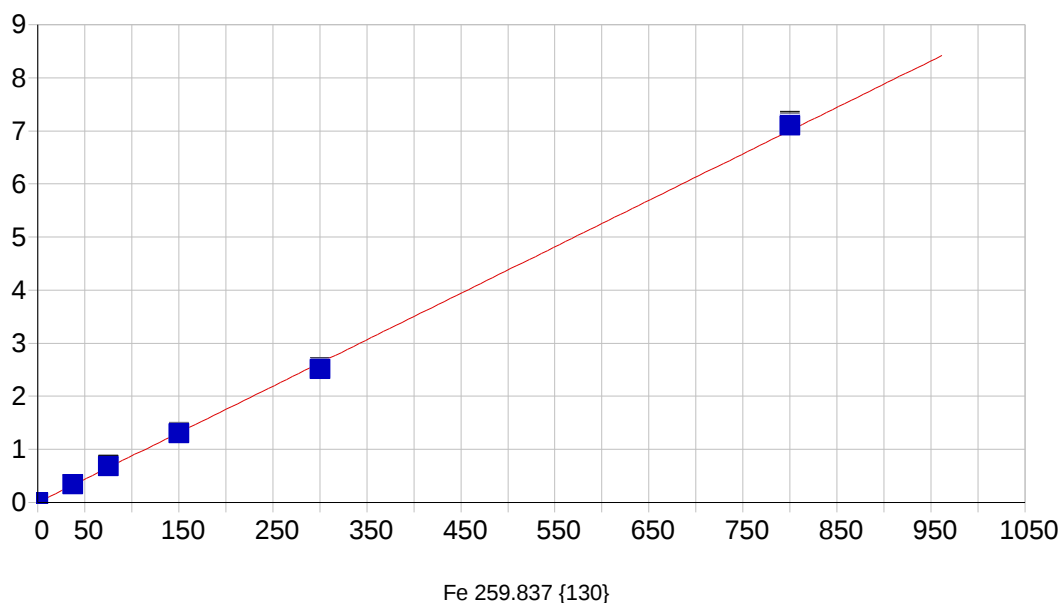
Co 228.616 {448}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000219 Re-Slope: 1.000000
 A1 (Gain): 0.640565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.000262
 Predicted MQL: 0.000872

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.05000	.04972	.000	-.561	.03175	.000	1
S2	.62500	.62701	.002	.321	.40221	.001	1
S3	1.2500	1.2546	.005	.366	.80500	.003	1
S4	2.5000	2.5115	.011	.460	1.6117	.020	1
S5	5.0000	4.9822	-.018	-.356	3.1976	.009	1

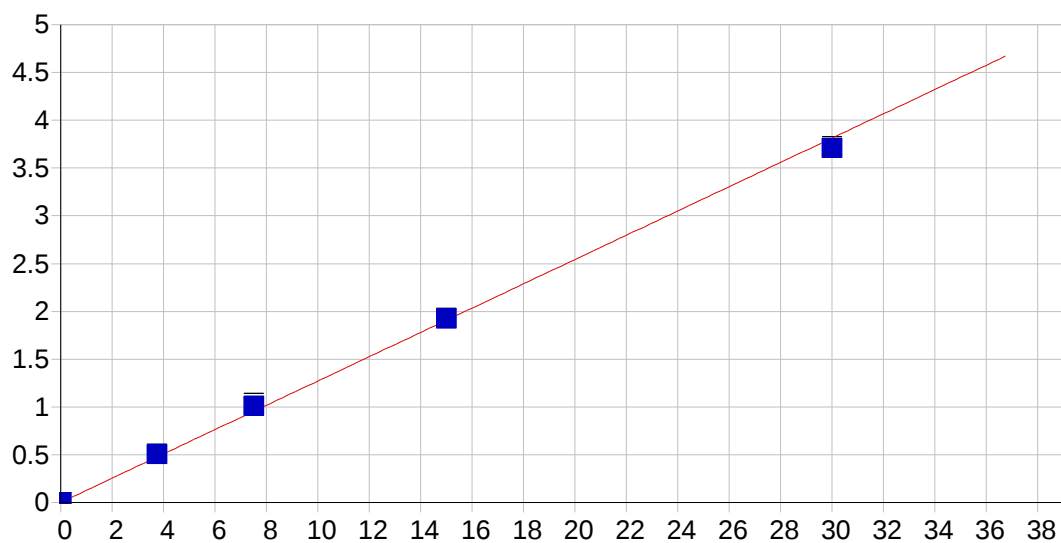




Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000073 Re-Slope: 1.000000
 A1 (Gain): 0.008756 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.015342
 Predicted MQL: 0.051140

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00007	.000	1
S1	.10000	.11222	.012	12.2	.00107	.000	1
S2	37.500	38.504	1.00	2.68	.33898	.004	1
S3	75.000	77.563	2.56	3.42	.68275	.021	1
S4	150.00	148.58	-1.42	-.948	1.3081	.011	1
S5	300.00	287.25	-12.7	-4.25	2.5294	.012	1
S6	800.00	810.60	10.6	1.33	7.1297	.051	1

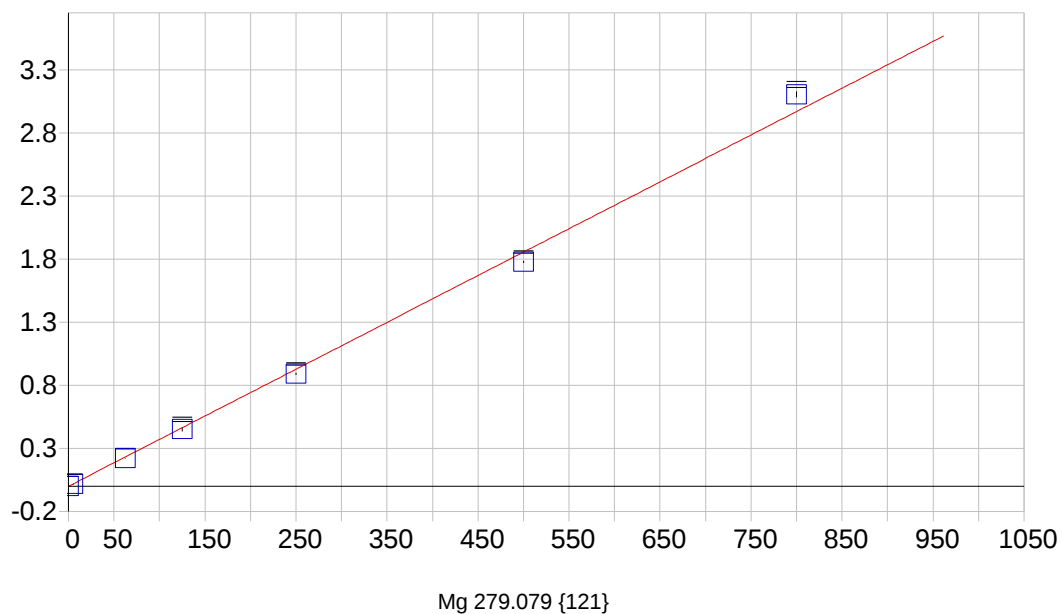


Mn 257.610 {131}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.127099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999396 Status: OK.
 Std Error of Est: 0.000157
 Predicted MDL: 0.000963
 Predicted MQL: 0.003209

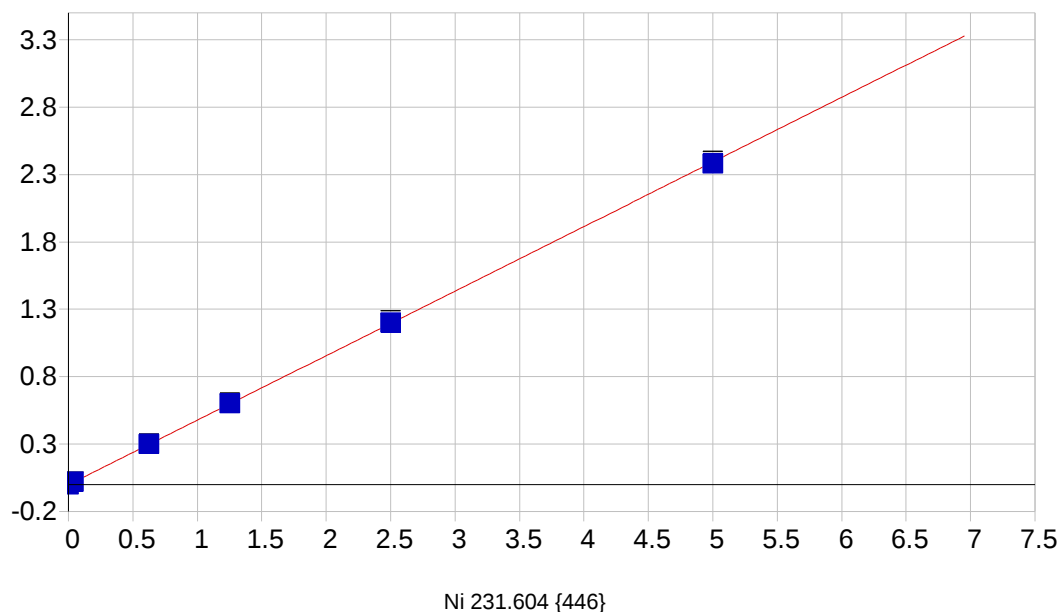
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01500	.01750	.003	16.7	.00226	.000	1
S2	3.7500	3.9839	.234	6.24	.50649	.001	1
S3	7.5000	7.9611	.461	6.15	1.0121	.029	1
S4	15.000	15.140	.140	.936	1.9248	.003	1
S5	30.000	29.162	-.838	-2.79	3.7074	.020	1



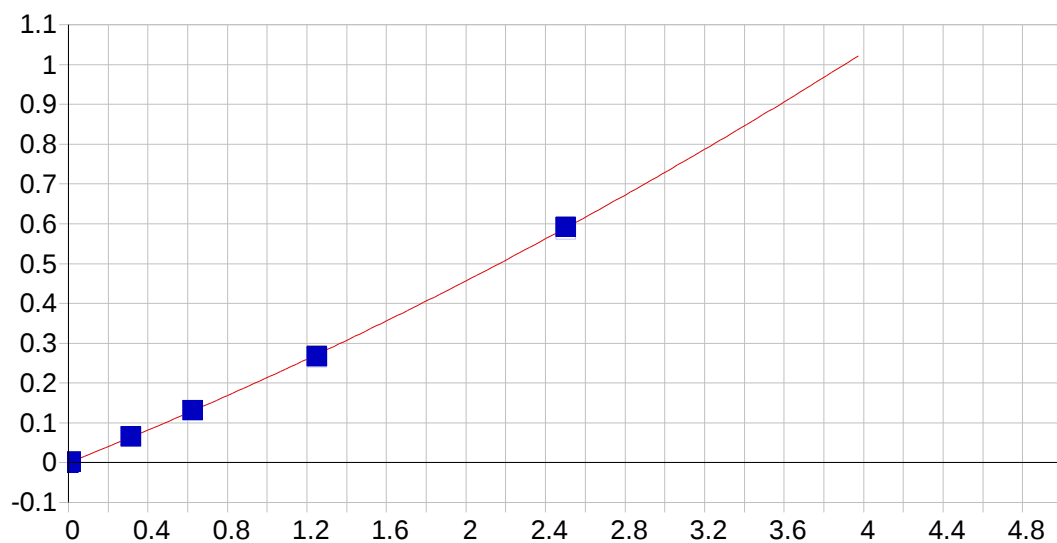
Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000310 Re-Slope: 1.000000
 A1 (Gain): 0.003710 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999098 Status: OK.
 Std Error of Est: 0.000550
 Predicted MDL: 0.043901
 Predicted MQL: 0.146335

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00070	.001	.000	-.00031	.000	1
S1	5.0000	4.8420	-.158	-3.16	.01765	.000	1
S2	62.500	59.437	-3.06	-4.90	.22020	.002	1
S3	125.00	121.81	-3.19	-2.55	.45161	.016	1
S4	250.00	240.31	-9.69	-3.88	.89125	.008	1
S5	500.00	479.39	-20.6	-4.12	1.7782	.008	1
S6	800.00	836.71	36.7	4.59	3.1039	.023	1



Date of Fit:		6/15/2018 18:16:04		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		-0.000987		Re-Slope:		1.000000		
A1 (Gain):		0.478850		Y-int:		0.000000		
A2 (Curvature):		0.000000						
n (Exponent):		1.000000						
Correlation:		0.999986		Status:	OK.			
Std Error of Est:		0.000061						
Predicted MDL:		0.000407						
Predicted MQL:		0.001355						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis	
S0	.00000	.00000	.000	.000	-.00099	.000	1	
S1	.04000	.04111	.001	2.77	.01871	.000	1	
S2	.62500	.63001	.005	.802	.30131	.002	1	
S3	1.2500	1.2577	.008	.614	.60248	.003	1	
S4	2.5000	2.5101	.010	.406	1.2035	.014	1	
S5	5.0000	4.9761	-.024	-.479	2.3867	.014	1	

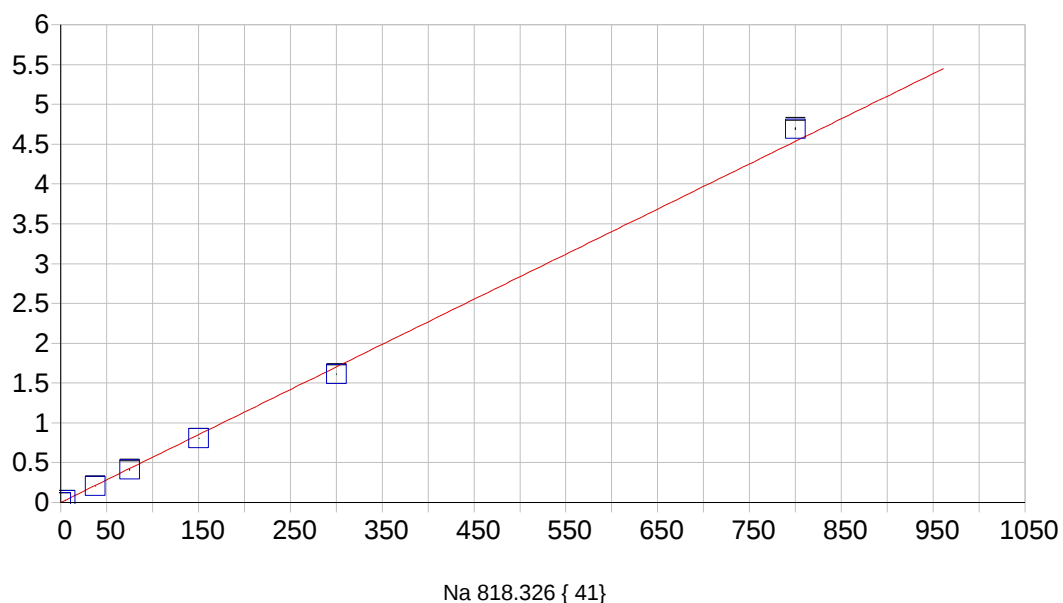


Ag 328.068 {103}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000232	Re-Slope: 1.000000
A1 (Gain):	0.199445	Y-int: 0.000000
A2 (Curvature):	0.014528	
n (Exponent):	1.000000	
Correlation:	0.999931	Status: Warning Positive Curvature
Std Error of Est:	0.000025	
Predicted MDL:	0.000481	
Predicted MQL:	0.001602	

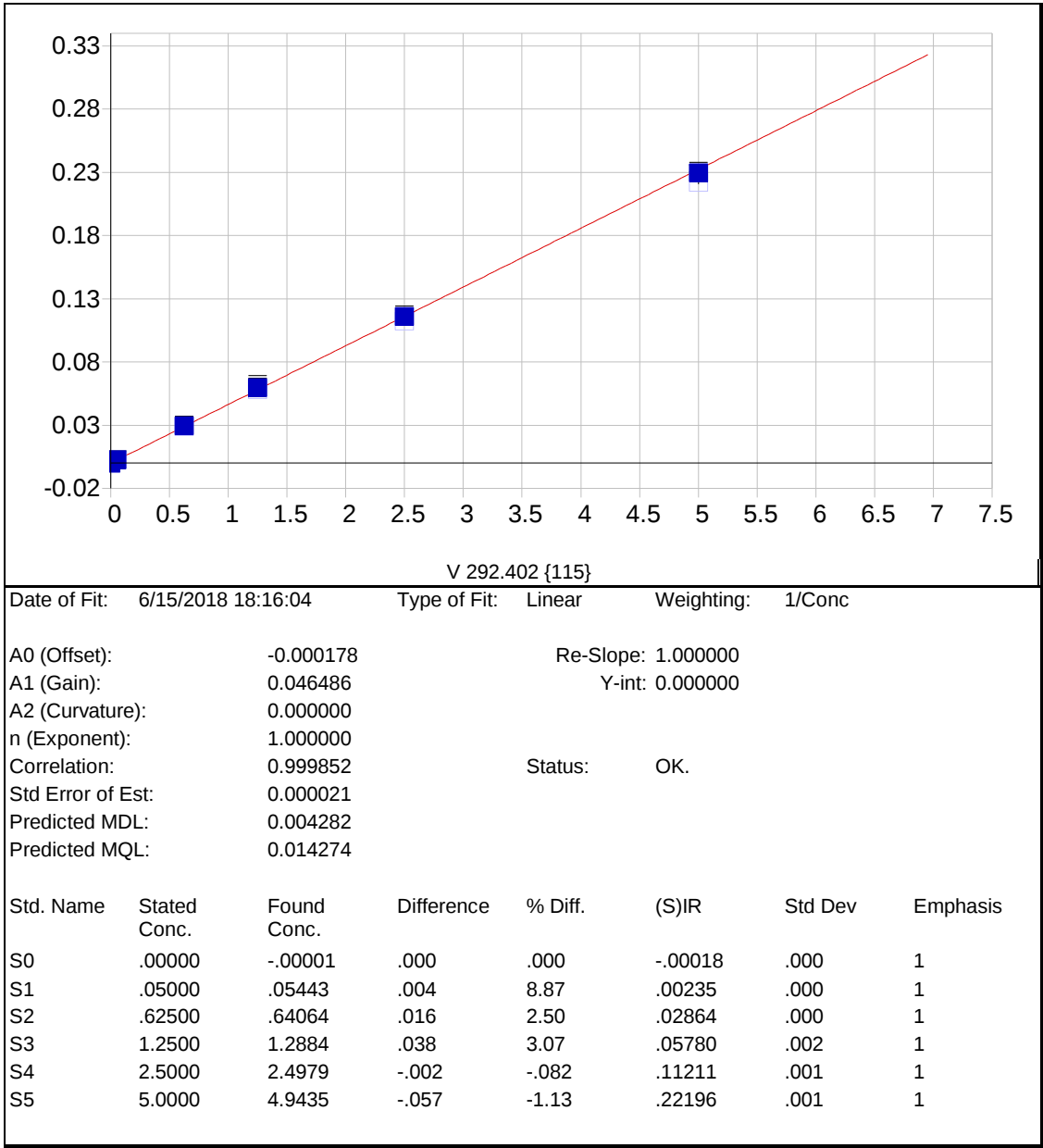
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.01000	.01059	.001	5.92	.00187	.000	1
S2	.31250	.32022	.008	2.47	.06433	.000	1
S3	.62500	.63041	.005	.866	.12968	.001	1
S4	1.2500	1.2295	-.020	-1.64	.26375	.001	1
S5	2.5000	2.5070	.007	.282	.58470	.000	1

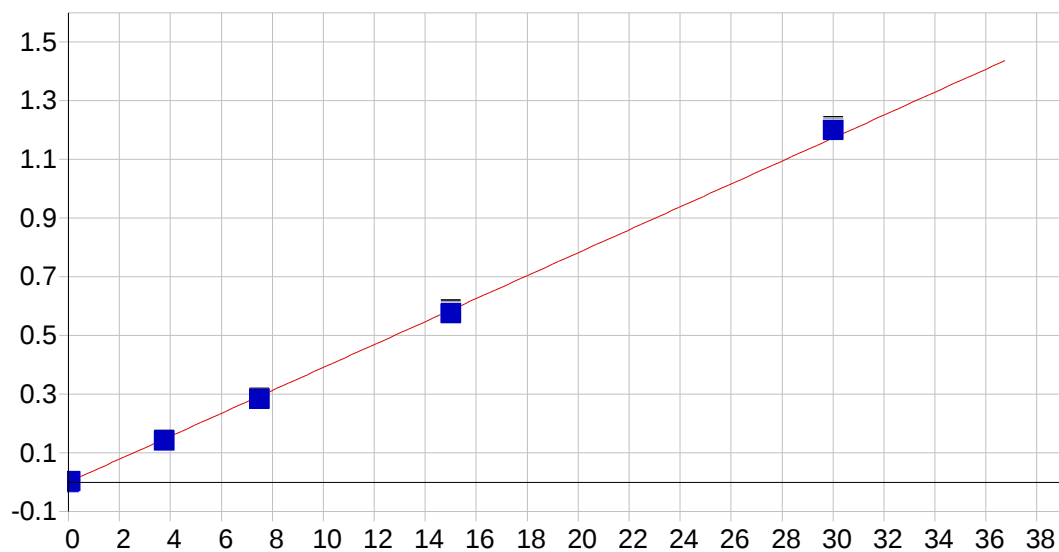


Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001242 Re-Slope: 1.000000
 A1 (Gain): 0.005667 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999126 Status: OK.
 Std Error of Est: 0.000733
 Predicted MDL: 0.214717
 Predicted MQL: 0.715725

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00094	.001	.000	.00125	.001	1
S1	5.0000	4.8306	-.169	-3.39	.02862	.000	1
S2	37.500	35.738	-1.76	-4.70	.20378	.001	1
S3	75.000	72.258	-2.74	-3.66	.41076	.012	1
S4	150.00	141.98	-8.02	-5.34	.80592	.003	1
S5	300.00	284.61	-15.4	-5.13	1.6142	.008	1
S6	800.00	828.08	28.1	3.51	4.6943	.019	1



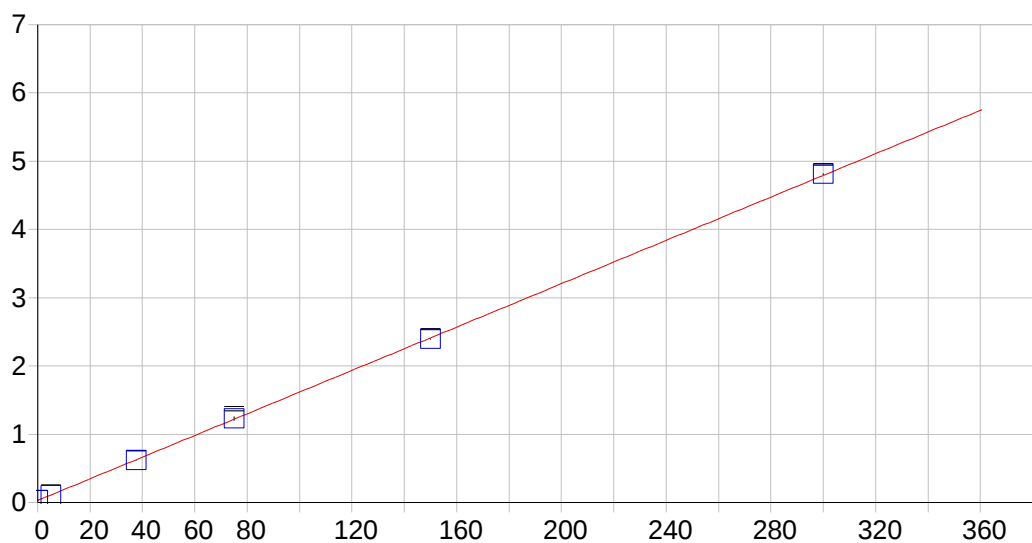


Zn 213.856 {158}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000127 Re-Slope: 1.000000
 A1 (Gain): 0.039107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999667 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.008249
 Predicted MQL: 0.027495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00013	.000	1
S1	.06000	.05511	-.005	-8.16	.00204	.000	1
S2	3.7500	3.5930	-.157	-4.19	.14108	.002	1
S3	7.5000	7.2360	-.264	-3.52	.28423	.003	1
S4	15.000	14.722	-.278	-1.85	.57838	.009	1
S5	30.000	30.703	.703	2.34	1.2061	.006	1

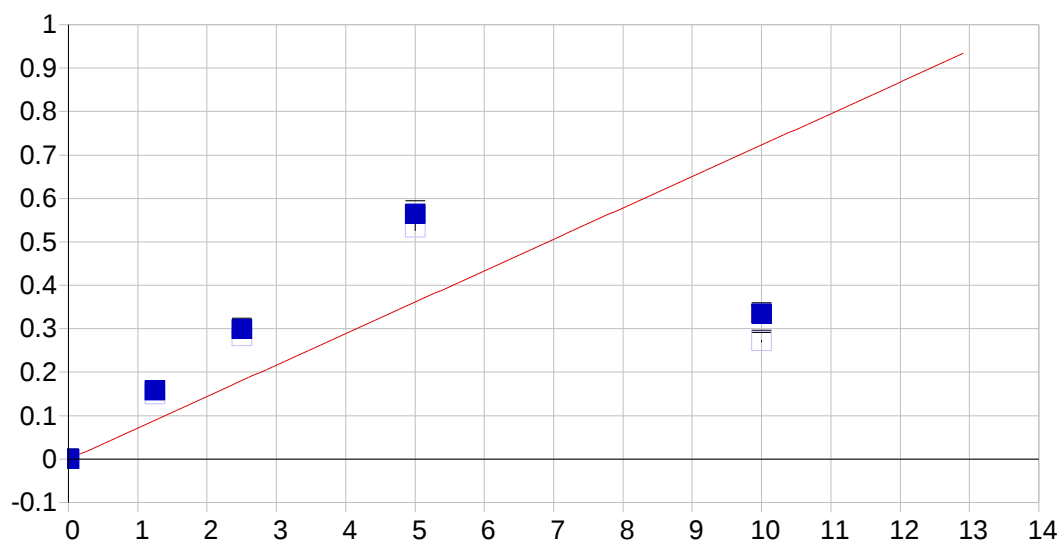


K 769.896 { 44}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029996 Re-Slope: 1.000000
 A1 (Gain): 0.015875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000218
 Predicted MDL: 0.060020
 Predicted MQL: 0.200067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.03000	.001	1
S1	5.0000	4.9305	-.070	-1.39	.10827	.001	1
S2	37.500	36.934	-.566	-1.51	.61634	.005	1
S3	75.000	75.555	.555	.740	1.2295	.036	1
S4	150.00	148.95	-1.05	-.700	2.3946	.005	1
S5	300.00	301.13	1.13	.376	4.8105	.009	1

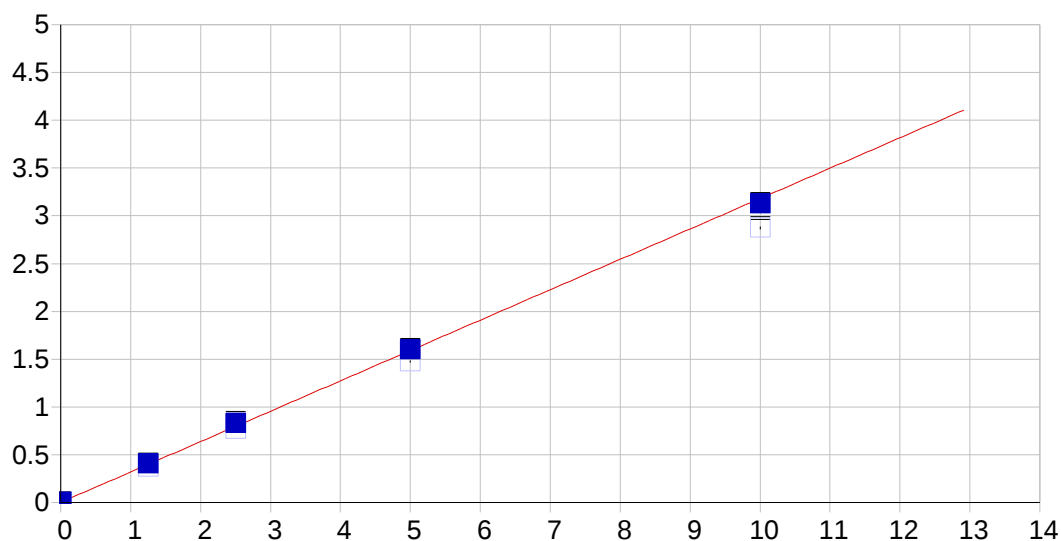


P 177.495 {490}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000774 Re-Slope: 1.000000
 A1 (Gain): 0.072368 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.845774 Status: OK.
 Std Error of Est: 0.000699
 Predicted MDL: 0.000968
 Predicted MQL: 0.003225

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00077	.000	1
S1	.01000	.00505	-.005	-49.5	-.00046	.000	1
S2	1.2500	2.1827	.933	74.6	.14938	.000	1
S3	2.5000	4.1362	1.64	65.4	.28295	.003	1
S4	5.0000	7.8086	2.81	56.2	.53311	.008	1
S5	10.000	4.6275	-5.37	-53.7	.27169	.003	1

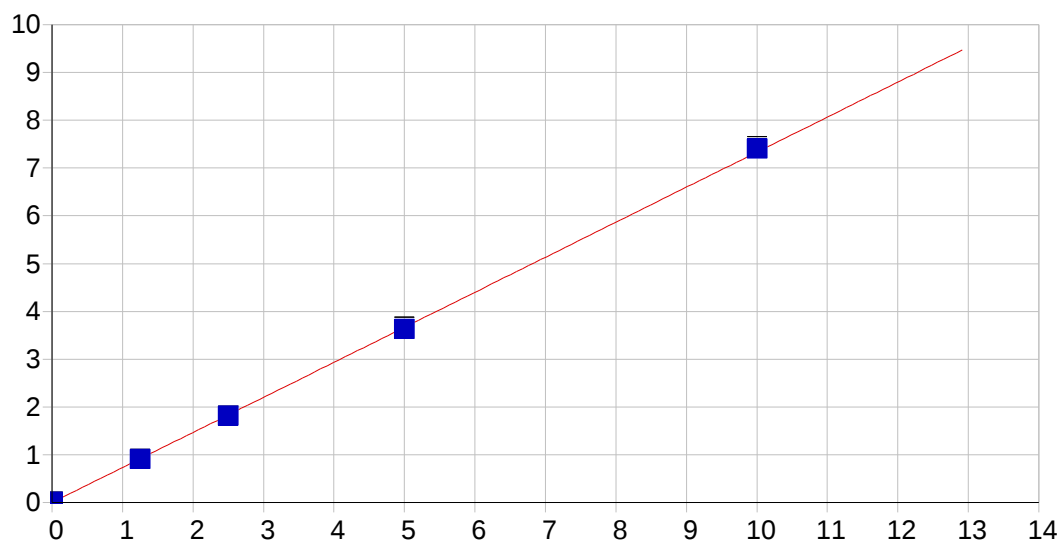


B 249.678 {135}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001158 Re-Slope: 1.000000
 A1 (Gain): 0.317899 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999726 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.001004
 Predicted MQL: 0.003347

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00116	.000	1
S1	.01000	.00887	-.001	-11.3	.00391	.000	1
S2	1.2500	1.2766	.027	2.13	.37550	.004	1
S3	2.5000	2.6134	.113	4.54	.76901	.020	1
S4	5.0000	5.0270	.027	.540	1.4733	.012	1
S5	10.000	9.8342	-.166	-1.66	2.8756	.014	1

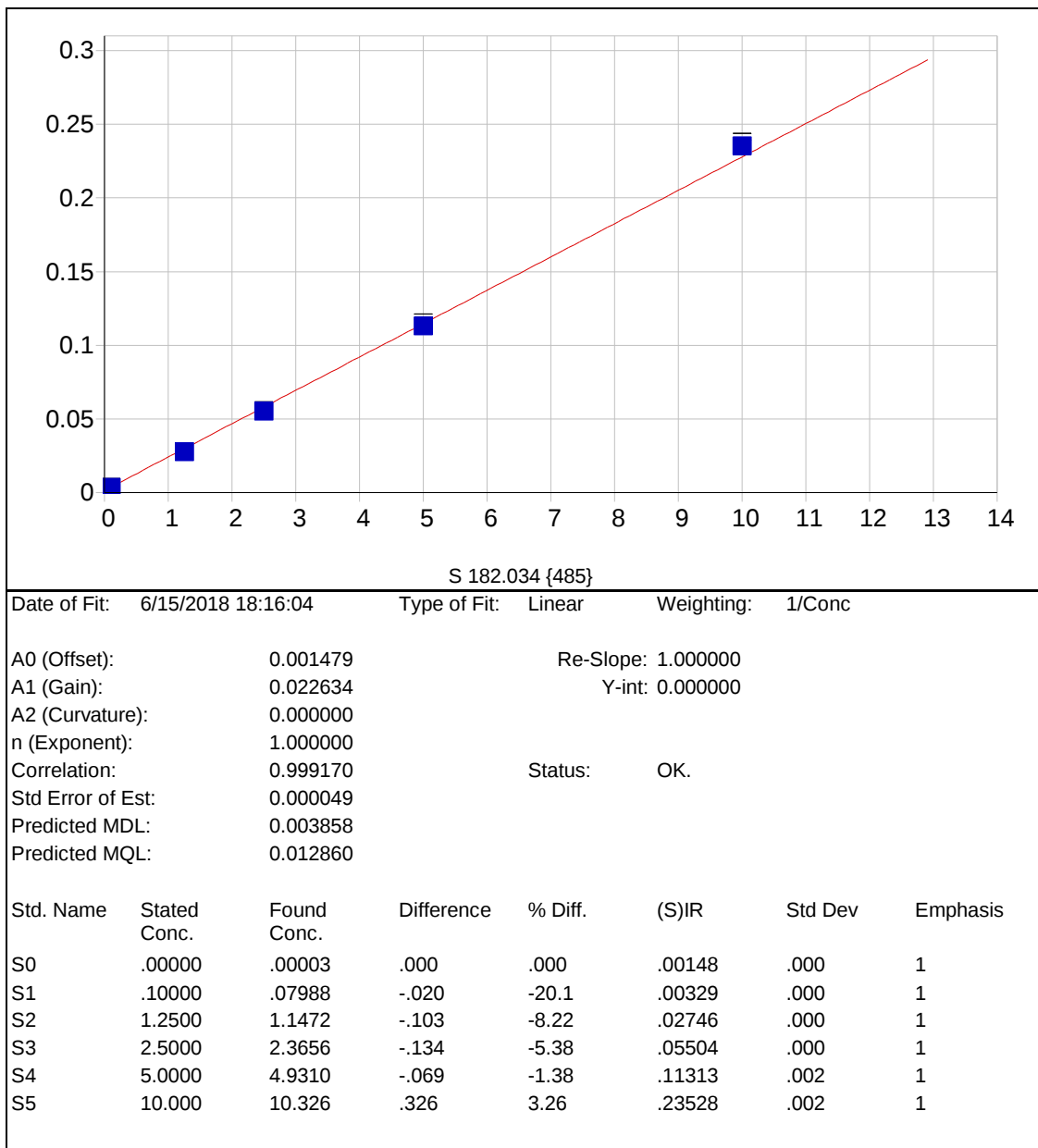


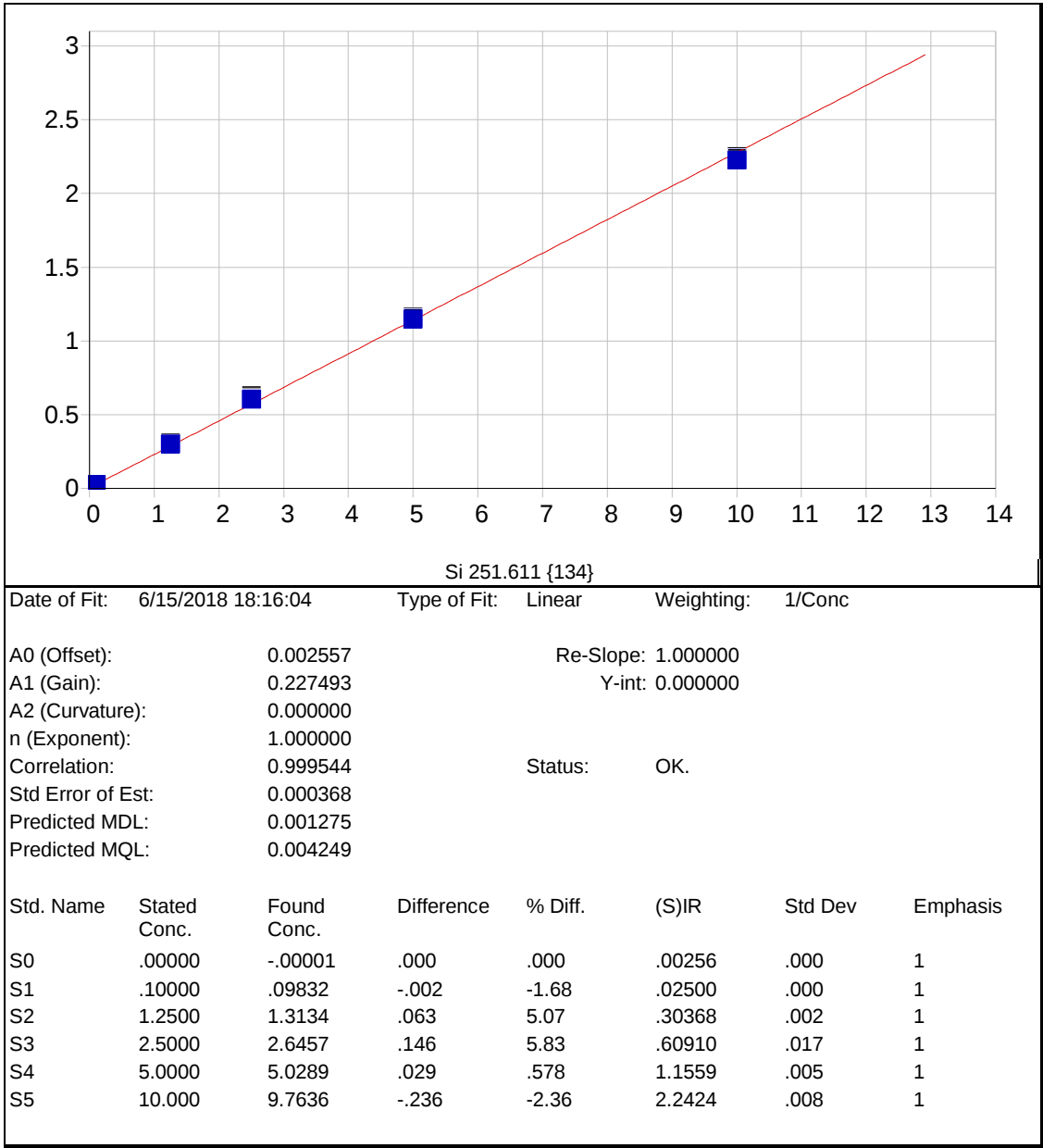
Mo 202.030 {467}

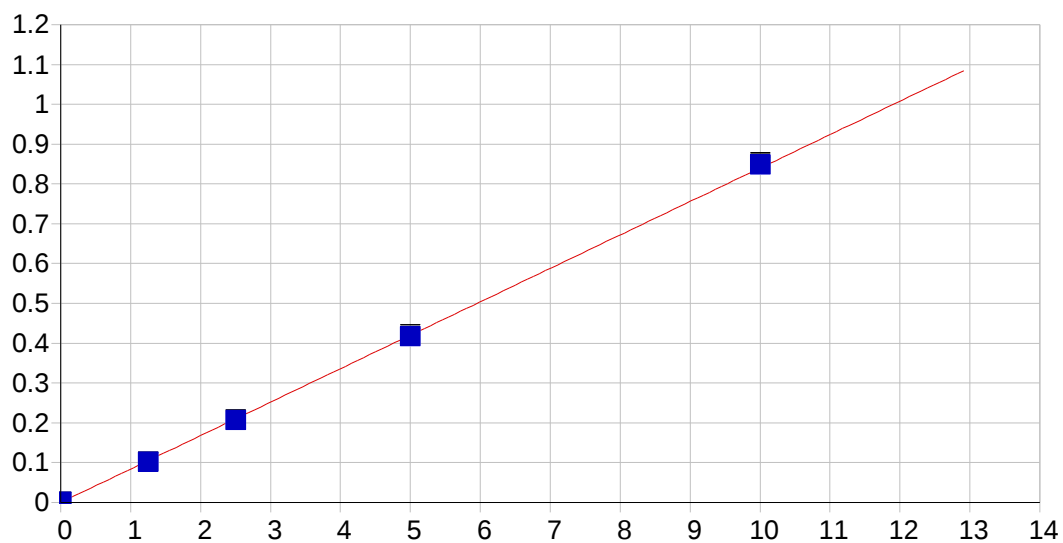
Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000144 Re-Slope: 1.000000
 A1 (Gain): 0.733250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.000266
 Predicted MQL: 0.000886

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.01000	.01056	.001	5.58	.00788	.000	1
S2	1.2500	1.2321	-.018	-1.43	.90357	.004	1
S3	2.5000	2.4686	-.031	-1.26	1.8102	.007	1
S4	5.0000	4.9464	-.054	-1.07	3.6269	.046	1
S5	10.000	10.102	.102	1.02	7.4074	.043	1





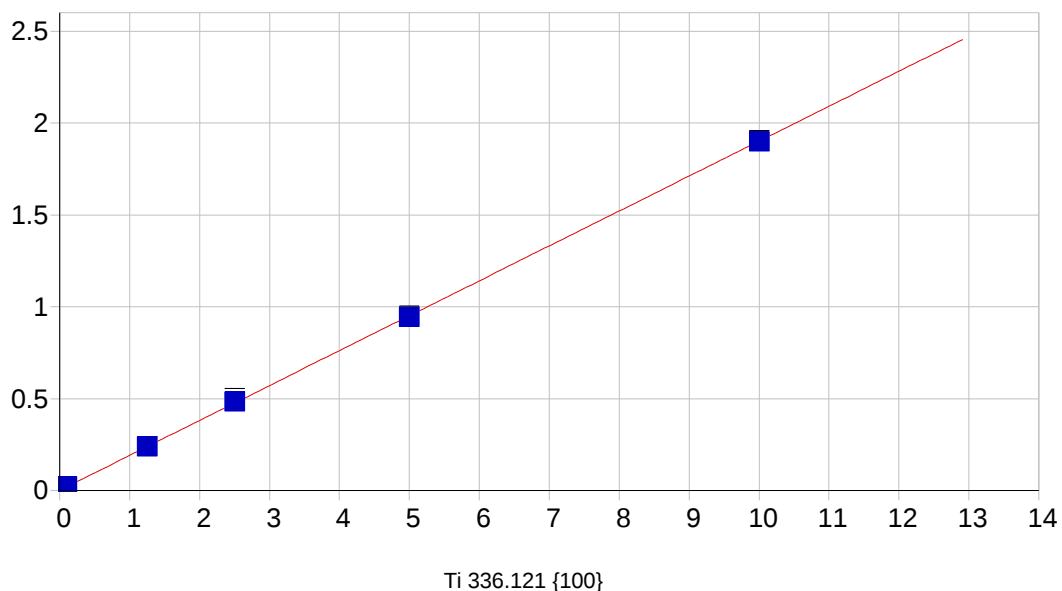


Sn 189.989 {478}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.083989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.001028
 Predicted MQL: 0.003425

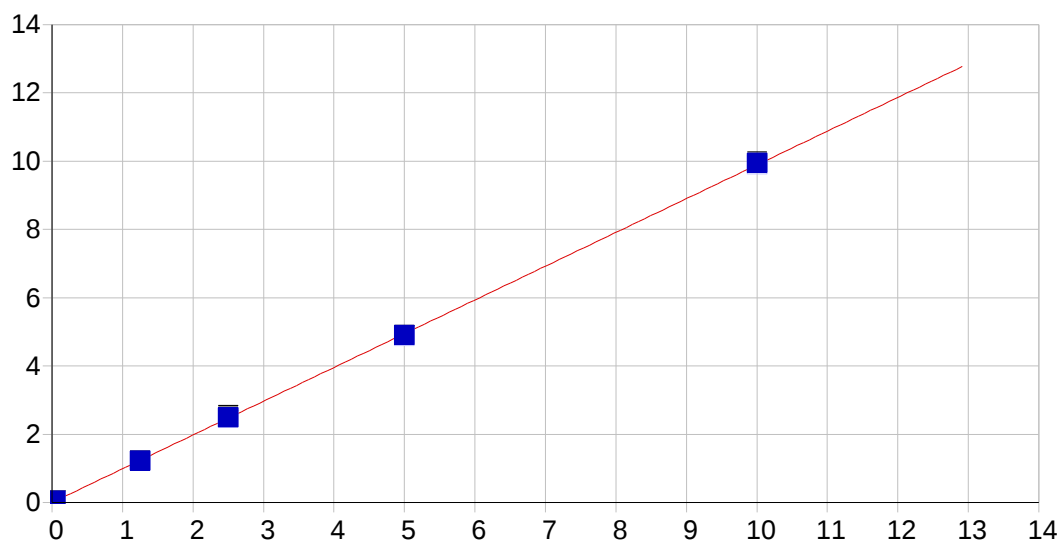
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.00700	.00751	.001	7.27	.00069	.000	1
S2	1.2500	1.2149	-.035	-2.81	.10189	.000	1
S3	2.5000	2.4628	-.037	-1.49	.20647	.001	1
S4	5.0000	4.9654	-.035	-.692	.41619	.005	1
S5	10.000	10.106	.106	1.06	.84706	.005	1



Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001022 Re-Slope: 1.000000
 A1 (Gain): 0.190003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.001532
 Predicted MQL: 0.005108

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00102	.000	1
S1	.10000	.10126	.001	1.26	.02026	.000	1
S2	1.2500	1.2534	.003	.271	.23908	.001	1
S3	2.5000	2.5459	.046	1.84	.48458	.016	1
S4	5.0000	4.9602	-.040	-.797	.94311	.005	1
S5	10.000	9.9893	-.011	-.107	1.8983	.005	1



Li 670.784 { 50}

Date of Fit: 6/15/2018 18:16:04 Type of Fit: Linear Weighting: 1/Conc

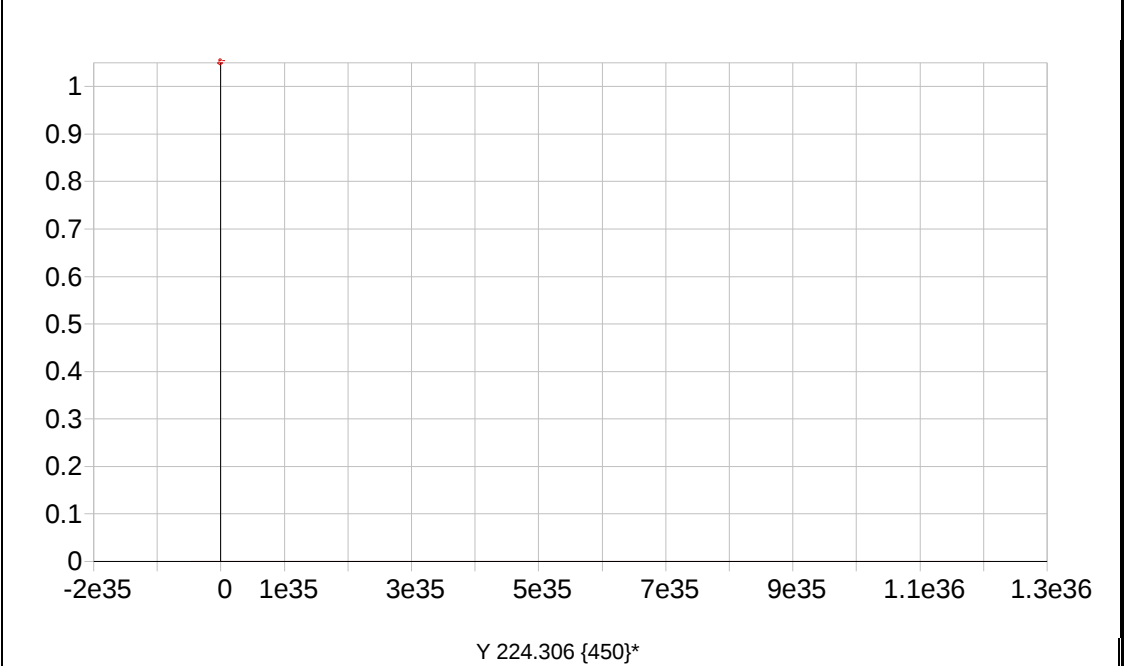
A0 (Offset): 0.002403 Re-Slope: 1.000000
 A1 (Gain): 0.988952 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000282
 Predicted MDL: 0.001266
 Predicted MQL: 0.004221

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00240	.001	1
S5	10.000	10.058	.058	.576	9.8933	.034	1
S4	5.0000	4.9476	-.052	-1.05	4.8676	.015	1
S3	2.5000	2.5095	.009	.379	2.4703	.066	1
S2	1.2500	1.2361	-.014	-1.11	1.2179	.004	1
S1	.05000	.04918	-.001	-1.63	.05094	.001	1



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

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



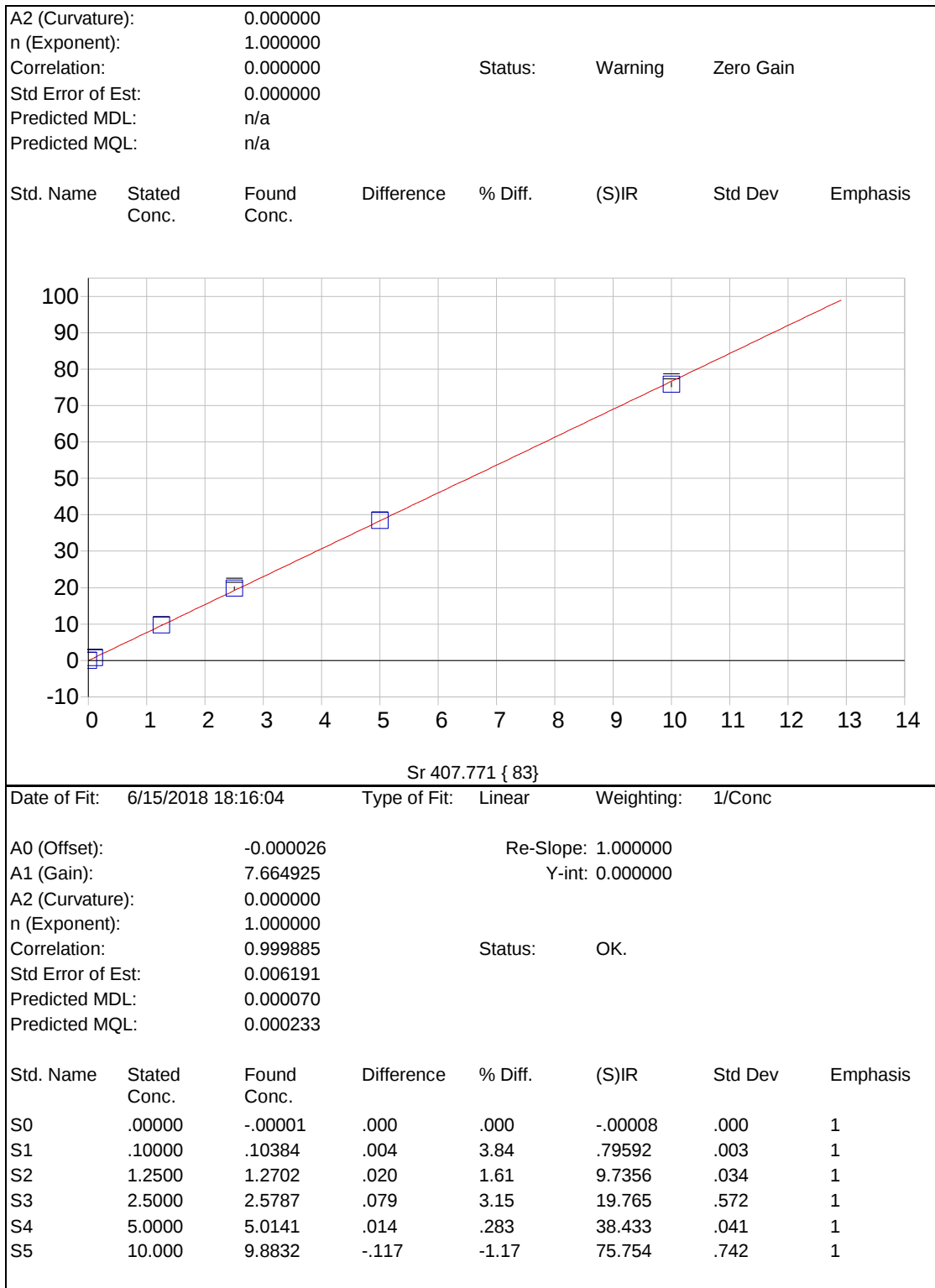


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 6/15/2018 11:50:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
User: BIN 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	-.00016	-.00016	-.00019	.00034	.00017	.00056	-.01433	-.00116
Stddev	.00004	.00002	.00015	.00016	.00028	.00059	.00101	.00002
%RSD	25.927	14.702	77.236	45.861	160.27	104.90	7.0602	1.8352

#1	-.00014	-.00016	-.00033	.00026	-.00014	.00021	-.01485	-.00118
#2	-.00014	-.00018	-.00004	.00052	.00038	.00125	-.01497	-.00117
#3	-.00021	-.00013	-.00020	.00024	.00029	.00023	-.01316	-.00114

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	.00045	.00103	-.00001	-.00022	.00058	.00007	.00003	-.00031
Stddev	.00008	.00018	.00005	.00010	.00009	.00002	.00003	.00007
%RSD	17.862	17.384	787.19	47.133	16.295	27.070	80.516	21.400

#1	.00038	.00104	.00004	-.00034	.00069	.00009	.00003	-.00023
#2	.00043	.00085	-.00005	-.00016	.00055	.00008	.00006	-.00035
#3	.00053	.00120	-.00001	-.00016	.00051	.00005	.00001	-.00034

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	-.00099	-.00023	.00125	-.00018	-.00013	.03000	-.00077	.00116
Stddev	.00002	.00004	.00121	.00008	.00023	.00104	.00003	.00022
%RSD	2.2645	16.604	97.304	43.953	180.52	3.4648	3.2725	18.645

#1	-.00097	-.00021	-.00005	-.00019	-.00025	.02880	-.00077	.00106
#2	-.00101	-.00021	.00235	-.00025	.00014	.03052	-.00080	.00141
#3	-.00098	-.00028	.00145	-.00009	-.00026	.03067	-.00075	.00101

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	.00014	.00148	.00256	.00009	.00102	.00240	-.00008	
Stddev	.00013	.00001	.00025	.00003	.00003	.00065	.00011	
%RSD	88.234	.42514	9.8090	37.777	2.8420	27.086	129.68	

#1	.00004	.00149	.00236	.00012	.00105	.00307	-.00021	
#2	.00011	.00148	.00284	.00005	.00101	.00237	-.00001	
#3	.00028	.00148	.00246	.00009	.00100	.00177	-.00003	

Sample Name: S0 Acquired: 6/15/2018 11:50:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
User: BIN 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	2469.9	2720.1	66333.	8411.3	4217.4
Stddev	19.3	2.9	217.	27.6	2.5
%RSD	.78072	.10794	.32733	.32818	.05833
#1	2447.9	2717.1	66096.	8430.3	4216.4
#2	2484.2	2720.3	66380.	8379.6	4215.6
#3	2477.5	2722.9	66523.	8423.9	4220.2

Sample Name: S1 Acquired: 6/15/2018 11:54:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.00007	.00081	.00141	.00213	.00707	.01233	.57240	.01928
Stddev	.00008	.00004	.00020	.00011	.00018	.00046	.00168	.00012
%RSD	121.65	4.8156	13.926	4.9668	2.5007	3.7668	.29335	.62927

#1	.00016	.00077	.00163	.00209	.00727	.01187	.57105	.01938
#2	.00005	.00080	.00132	.00204	.00700	.01232	.57186	.01914
#3	.00000	.00085	.00126	.00225	.00694	.01280	.57428	.01931

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	.01126	.14429	.00126	.03175	.00249	.00107	.00226	.01765
Stddev	.00026	.00095	.00005	.00028	.00024	.00015	.00007	.00024
%RSD	2.2754	.65648	3.9141	.87932	9.6192	13.695	3.0913	1.3809

#1	.01155	.14330	.00130	.03157	.00251	.00098	.00230	.01768
#2	.01109	.14440	.00121	.03161	.00224	.00100	.00230	.01788
#3	.01113	.14518	.00128	.03207	.00272	.00124	.00218	.01740

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	.01871	.00187	.02862	.00235	.00204	.10827	-.00046	.00391
Stddev	.00021	.00007	.00032	.00019	.00024	.00105	.00004	.00007
%RSD	1.1321	3.7799	1.1011	8.0069	11.605	.96818	8.2019	1.7283

#1	.01870	.00187	.02854	.00225	.00222	.10720	-.00045	.00385
#2	.01850	.00194	.02835	.00223	.00212	.10831	-.00042	.00398
#3	.01892	.00180	.02897	.00257	.00177	.10929	-.00050	.00391

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	.00788	.00329	.02500	.00069	.02026	.05094	.79592	
Stddev	.00009	.00005	.00018	.00008	.00025	.00103	.00340	
%RSD	1.1624	1.4994	.71725	11.513	1.2339	2.0139	.42734	

#1	.00798	.00334	.02498	.00071	.02021	.05124	.79271	
#2	.00780	.00328	.02484	.00061	.02052	.04980	.79557	
#3	.00787	.00324	.02519	.00076	.02003	.05179	.79948	

Sample Name: S1 Acquired: 6/15/2018 11:54:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
User: BIN 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	2463.9	2728.8	66344.	8435.8	4229.1
Stddev	8.3	15.2	80.	54.1	22.8
%RSD	.33744	.55534	.12003	.64168	.53969
#1	2462.0	2722.7	66436.	8488.7	4217.2
#2	2473.0	2746.1	66295.	8438.4	4255.5
#3	2456.7	2717.7	66300.	8380.5	4214.8

Sample Name: S2 Acquired: 6/15/2018 11:58:23 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	.03235	.04747	.98528	.06619	.14326	2.2399	7.1408	.49233
Stddev	.00009	.00003	.00372	.00014	.00032	.0056	.0136	.00554
%RSD	.27962	.07353	.37804	.21716	.22396	.24978	.19080	1.1258

#1	.03228	.04744	.98178	.06609	.14291	2.2391	7.1389	.48747
#2	.03245	.04751	.98487	.06614	.14335	2.2459	7.1282	.49837
#3	.03231	.04745	.98919	.06636	.14353	2.2348	7.1553	.49116

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	1.3492	1.7057	.43835	.40221	.29645	.33898	.50649	.22020
Stddev	.0038	.0066	.00100	.00066	.00119	.00443	.00143	.00205
%RSD	.27891	.38858	.22818	.16446	.40266	1.3077	.28322	.93125

#1	1.3450	1.6993	.43737	.40181	.29630	.34077	.50518	.21943
#2	1.3503	1.7125	.43830	.40185	.29771	.34223	.50802	.22253
#3	1.3523	1.7052	.43937	.40298	.29534	.33393	.50628	.21865

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	.30131	.06433	.20378	.02864	.14108	.61634	.14938	.37550
Stddev	.00168	.00033	.00051	.00020	.00214	.00469	.00043	.00368
%RSD	.55807	.51575	.25122	.71081	1.5137	.76160	.28570	.97969

#1	.29959	.06470	.20319	.02876	.14225	.61178	.14923	.37168
#2	.30139	.06406	.20410	.02876	.14236	.62116	.14905	.37901
#3	.30295	.06422	.20405	.02841	.13861	.61609	.14986	.37582

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	.90357	.02746	.30368	.10189	.23908	1.2179	9.7356	
Stddev	.00392	.00013	.00247	.00047	.00093	.0038	.0343	
%RSD	.43418	.47041	.81192	.45880	.38752	.31097	.35256	

#1	.90119	.02731	.30113	.10137	.23947	1.2140	9.7045	
#2	.90142	.02749	.30606	.10229	.23975	1.2182	9.7724	
#3	.90810	.02756	.30385	.10200	.23802	1.2215	9.7300	

Sample Name: S2 Acquired: 6/15/2018 11:58:23 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	2372.9	2589.8	64217.	8380.8	3822.5
Stddev	5.2	4.5	148.	78.7	7.8
%RSD	.22023	.17542	.22977	.93853	.20334
#1	2370.3	2593.1	64381.	8431.4	3831.3
#2	2369.6	2591.6	64095.	8290.1	3819.3
#3	2379.0	2584.6	64175.	8420.8	3816.8

Sample Name: S3 Acquired: 6/15/2018 12:02:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.06558	.09382	1.9672	.13252	.28780	4.5711	14.499	1.0024
Stddev	.00044	.00067	.0074	.00152	.00196	.1466	.414	.0285
%RSD	.67309	.71318	.37688	1.1437	.67957	3.2074	2.8578	2.8473

#1	.06550	.09334	1.9598	.13309	.28707	4.4740	14.222	.98225
#2	.06518	.09353	1.9671	.13080	.28631	4.4995	14.299	.98993
#3	.06606	.09458	1.9746	.13366	.29001	4.7397	14.975	1.0351

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6900	3.4115	.85951	.80500	.59643	.68275	1.0121	.45161
Stddev	.0121	.0974	.00090	.00251	.01703	.02114	.0287	.01558
%RSD	.44859	2.8563	.10457	.31178	2.8550	3.0957	2.8351	3.4508

#1	2.6777	3.3484	.86002	.80318	.58641	.66769	.99701	.44157
#2	2.6904	3.3622	.85847	.80397	.58678	.67364	.99409	.44371
#3	2.7018	3.5237	.86003	.80787	.61609	.70691	1.0452	.46957

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	.60248	.12968	.41076	.05780	.28423	1.2295	.28295	.76901
Stddev	.00299	.00055	.01199	.00222	.00272	.0357	.00250	.02017
%RSD	.49584	.42775	2.9191	3.8483	.95613	2.9030	.88358	2.6231

#1	.60174	.13031	.40246	.05641	.28493	1.2070	.28234	.75695
#2	.59993	.12944	.40532	.05662	.28123	1.2107	.28081	.75779
#3	.60577	.12928	.42451	.06036	.28652	1.2706	.28570	.79230

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	1.8102	.05504	.60910	.20647	.48458	2.4703	19.765	
Stddev	.0071	.00031	.01659	.00135	.01551	.0664	.572	
%RSD	.39360	.55619	2.7229	.65577	3.2002	2.6880	2.8915	

#1	1.8087	.05526	.59721	.20579	.47433	2.4265	19.434	
#2	1.8039	.05469	.60204	.20559	.47699	2.4376	19.437	
#3	1.8179	.05517	.62805	.20803	.50242	2.5467	20.425	

Sample Name: S3 Acquired: 6/15/2018 12:02:17 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	2337.4	2496.9	63685.	8158.4	3624.1
Stddev	8.8	7.7	137.	209.1	13.3
%RSD	.37681	.30882	.21533	2.5625	.36800
#1	2329.7	2501.3	63538.	8306.2	3636.5
#2	2347.0	2488.0	63810.	8249.7	3610.0
#3	2335.5	2501.5	63707.	7919.2	3625.8

Sample Name: S4 Acquired: 6/15/2018 12:06:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.13461	.18267	3.9468	.26633	.58917	9.0811	28.301	1.9192
Stddev	.00198	.00280	.0494	.00356	.00793	.0361	.082	.0158
%RSD	1.4733	1.5352	1.2520	1.3356	1.3461	.39798	.28871	.82452

#1	.13259	.18058	3.9087	.26326	.58230	9.0698	28.279	1.9348
#2	.13656	.18586	4.0026	.27023	.59785	9.1216	28.391	1.9032
#3	.13468	.18157	3.9291	.26549	.58737	9.0520	28.232	1.9197

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	5.3366	6.5845	1.6663	1.6117	1.1630	1.3081	1.9248	.89125
Stddev	.0614	.0042	.0048	.0200	.0013	.0105	.0026	.00817
%RSD	1.1514	.06414	.28868	1.2405	.10809	.80346	.13281	.91697

#1	5.2894	6.5828	1.6719	1.5955	1.1620	1.3016	1.9277	.88615
#2	5.4061	6.5893	1.6635	1.6340	1.1644	1.3202	1.9238	.90068
#3	5.3144	6.5813	1.6636	1.6057	1.1628	1.3024	1.9229	.88693

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	1.2035	.26375	.80592	.11211	.57838	2.3946	.53311	1.4733
Stddev	.0136	.00069	.00292	.00093	.00902	.0050	.00811	.0116
%RSD	1.1333	.26077	.36229	.82945	1.5594	.21000	1.5214	.78974

#1	1.1931	.26336	.80526	.11152	.56847	2.4003	.52682	1.4857
#2	1.2189	.26336	.80911	.11318	.58610	2.3906	.54226	1.4627
#3	1.1984	.26455	.80339	.11162	.58058	2.3931	.53024	1.4716

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	3.6269	.11313	1.1559	.41619	.94311	4.8676	38.433	
Stddev	.0464	.00179	.0048	.00488	.00489	.0145	.041	
%RSD	1.2806	1.5824	.41222	1.1718	.51884	.29829	.10554	

#1	3.5816	.11193	1.1613	.41201	.94018	4.8675	38.477	
#2	3.6744	.11518	1.1521	.42155	.94876	4.8821	38.425	
#3	3.6247	.11226	1.1544	.41502	.94039	4.8530	38.397	

Sample Name: S4 Acquired: 6/15/2018 12:06:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
User: BIN 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	2220.0	2348.8	61713.	8184.1	3365.6
Stddev	12.1	23.9	139.	21.5	31.7
%RSD	.54302	1.0181	.22571	.26260	.94182
#1	2233.3	2369.0	61593.	8163.4	3384.6
#2	2209.9	2322.4	61680.	8206.3	3329.0
#3	2216.7	2355.1	61866.	8182.4	3383.2

Sample Name: S5 Acquired: 6/15/2018 12:09:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.28098	.35457	7.8262	.54954	1.2287	18.446	56.419	3.7491
Stddev	.00124	.00329	.0197	.00339	.0068	.059	.314	.0170
%RSD	.44109	.92744	.25189	.61649	.55639	.32183	.55586	.45459

#1	.28001	.35097	7.8102	.54672	1.2257	18.476	56.545	3.7467
#2	.28054	.35532	7.8201	.54861	1.2239	18.378	56.650	3.7673
#3	.28238	.35742	7.8482	.55330	1.2365	18.485	56.062	3.7334

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	10.494	12.928	3.2649	3.1976	2.3346	2.5294	3.7074	1.7782
Stddev	.046	.032	.0024	.0092	.0022	.0118	.0195	.0084
%RSD	.43747	.25129	.07211	.28600	.09360	.46601	.52661	.47398

#1	10.449	12.891	3.2629	3.1890	2.3320	2.5313	3.6914	1.7789
#2	10.492	12.952	3.2675	3.1965	2.3359	2.5167	3.7292	1.7695
#3	10.540	12.940	3.2645	3.2072	2.3357	2.5401	3.7015	1.7863

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	2.3867	.58470	1.6142	.22196	1.2061	4.8105	.27169	2.8756
Stddev	.0141	.00018	.0077	.00118	.0061	.0094	.00251	.0143
%RSD	.59258	.03135	.47814	.52984	.50945	.19628	.92483	.49710

#1	2.3748	.58475	1.6226	.22289	1.2053	4.8085	.26890	2.8898
#2	2.3830	.58486	1.6074	.22064	1.2004	4.8208	.27240	2.8760
#3	2.4023	.58450	1.6128	.22234	1.2126	4.8023	.27377	2.8612

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	7.4074	.23528	2.2424	.84706	1.8983	9.8933	75.754	
Stddev	.0433	.00235	.0077	.00541	.0053	.0340	.742	
%RSD	.58514	.99694	.34569	.63817	.27846	.34417	.97963	

#1	7.3743	.23288	2.2469	.84199	1.9018	9.9310	75.581	
#2	7.3913	.23541	2.2468	.84644	1.8922	9.8647	76.567	
#3	7.4565	.23756	2.2334	.85275	1.9008	9.8843	75.113	

Sample Name: S5 Acquired: 6/15/2018 12:09:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
User: BIN 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	2052.4	2145.4	59223.	8044.2	3075.0
Stddev	1.1	7.6	83.	28.7	10.8
%RSD	.05540	.35528	.14004	.35672	.35186
#1	2053.2	2149.9	59263.	8046.0	3083.8
#2	2051.1	2149.7	59277.	8014.7	3078.1
#3	2053.0	2136.6	59127.	8072.0	3062.9

Sample Name: S6 Acquired: 6/15/2018 12:14:01 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	51.826	22.519	7.1297	3.1039	4.6943
Stddev	.319	.056	.0514	.0235	.0192
%RSD	.61493	.24850	.72066	.75602	.40844

#1	51.628	22.472	7.0716	3.0768	4.6741
#2	51.658	22.505	7.1691	3.1185	4.6968
#3	52.194	22.581	7.1483	3.1164	4.7122

Int. Std.	Y_3710
Units	Cts/S
Avg	7861.8
Stddev	12.6
%RSD	.16028

#1	7872.4
#2	7865.1
#3	7847.9

Sample Name: ICV Acquired: 6/15/2018 12:18:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9328613	1.070202	.9360699	.9608586	.9088898	2.469392
Stddev	.0036480	.005599	.0027511	.0029587	.0021278	.009262
%RSD	.3910574	.5231641	.2938966	.3079221	.2341118	.3750569

#1	.9365552	1.065296	.9338496	.9641970	.9111892	2.475968
#2	.9292610	1.069009	.9391476	.9585607	.9084899	2.458800
#3	.9327676	1.076301	.9352126	.9598181	.9069903	2.473408

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4967335	.4983378	.4826248	9.963267	.5154828	.4770804
Stddev	.0026387	.0036797	.0006495	.018149	.0023889	.0006016
%RSD	.5312008	.7383918	.1345718	.1821549	.4634251	.1260912

#1	.4988289	.4964709	.4831613	9.981666	.5182363	.4764995
#2	.4937702	.4959657	.4819027	9.945380	.5139633	.4770412
#3	.4976014	.5025767	.4828104	9.962755	.5142488	.4777007

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5080208	5.211502	.5230124	5.652380	.4932634	.4573162
Stddev	.0010210	.047069	.0019965	.062712	.0009048	.0032987
%RSD	.2009803	.9031690	.3817263	1.109474	.1834259	.7213178

#1	.5082591	5.157446	.5208057	5.593106	.4922741	.4606187
#2	.5089017	5.243418	.5235379	5.645993	.4940489	.4573086
#3	.5069018	5.233643	.5246935	5.718041	.4934673	.4540213

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.339033	.5150259	.9385891	9.361109	F .0121231	F .0110843
Stddev	.152045	.0068810	.0114753	.073349	.0011657	.0012629
%RSD	1.628058	1.336054	1.222614	.7835525	9.615798	11.39368

#1	9.251169	.5108483	.9253437	9.376159	.0124778	.0115523
#2	9.251330	.5112616	.9448931	9.281403	.0130703	.0120464
#3	9.514599	.5229679	.9455306	9.425766	.0108212	.0096542

Sample Name: ICV Acquired: 6/15/2018 12:18:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN 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 .0001046	-.003298	.0014775	F -.000354	-.000601	.0033720
Stddev	.0001171	.002267	.0010077	.001061	.000565	.0003601
%RSD	111.9683	68.73399	68.20415	299.3757	93.91696	10.67909

#1	-.000004	-.001480	.0019775	-.001360	-.001231	.0032764
#2	.000089	-.002576	.0003176	-.000456	-.000138	.0037703
#3	.000229	-.005838	.0021374	.000753	-.000435	.0030693

Elem	Sr4077
Units	ppm
Avg	.0115940
Stddev	.0000743
%RSD	.6411781

#1	.0116370
#2	.0116367
#3	.0115081

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.547	2698.738	67706.68	8622.991	4168.485
Stddev	11.045	5.864	216.33	22.057	7.589
%RSD	.4376812	.2172734	.3195120	.2557956	.1820509

#1	2514.612	2692.480	67621.61	8620.751	4161.968
#2	2520.134	2704.106	67545.81	8646.083	4176.816
#3	2535.896	2699.626	67952.61	8602.139	4166.672

Sample Name: ICB Acquired: 6/15/2018 12:32:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	.0019103	-.000674	.0008485	-.003048	-.000649	-.003360	-.001206
Stddev	.0032906	.002049	.0006145	.000927	.002212	.007679	.000807
%RSD	172.2595	304.2369	72.42381	30.41012	340.8398	228.5710	66.88484

#1	-.000624	.001525	.0015575	-.001988	.000576	-.011856	-.000935
#2	.000725	-.002530	.0004676	-.003447	-.003202	.003087	-.000570
#3	.005629	-.001016	.0005205	-.003708	.000680	-.001310	-.002113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000050	.0028422	.0000690	-.000018	-.000089	-.007269
Stddev	.000070	.000053	.0074248	.0001171	.000091	.000792	.004107
%RSD	512.2221	106.1821	261.2302	169.6927	498.8866	889.4330	56.50011

#1	-.000028	-.000068	-.005319	.0000670	-.000002	.000769	-.012007
#2	.000062	-.000092	.004647	-.000047	.000063	-.000244	-.005086
#3	-.000075	.000010	.009198	.000187	-.000116	-.000791	-.004715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001018	.0145630	-.000584	-.003435	-.183230	.0000179	-.002602
Stddev	.000466	.0312626	.000503	.000204	.019266	.0040598	.016918
%RSD	45.81364	214.6717	86.20372	5.951958	10.51448	22729.91	650.1639

#1	-.000847	-.013417	-.000250	-.003525	-.164901	-.003903	-.000110
#2	-.000661	.048306	-.000339	-.003579	-.181478	.004203	-.020629
#3	-.001546	.008800	-.001163	-.003201	-.203312	-.000246	.012932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.157647	-.000904	-.000048	-.000048	-.010143	-.003348	-.000383
Stddev	.017560	.000296	.000884	.000216	.004103	.000243	.000521
%RSD	11.13881	32.79948	1845.717	451.8805	40.44901	7.248024	135.9978

#1	-.177611	-.000592	-.001057	.000009	-.014194	-.003173	-.000582
#2	-.150737	-.001182	.000588	-.000287	-.010247	-.003625	-.000776
#3	-.144593	-.000938	.000326	.000134	-.005990	-.003246	.000208

Sample Name: ICB Acquired: 6/15/2018 12:32:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004979	.0012455	-.000005
Stddev	.0008426	.0009331	.000041
%RSD	169.2361	74.91470	839.5984

#1	-.000254	.0004871	-.000052
#2	.001408	.0022874	.000025
#3	.000340	.0009619	.000012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.788	2710.560	67891.43	8578.067	4231.379
Stddev	8.156	5.927	49.73	32.399	11.232
%RSD	.3227947	.2186570	.0732484	.3776913	.2654531

#1	2518.007	2708.348	67947.13	8551.275	4223.501
#2	2528.230	2717.274	67875.67	8614.075	4244.241
#3	2534.127	2706.057	67851.49	8568.850	4226.395

Sample Name: ICSA Acquired: 6/15/2018 12:37:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017128	-.007037	-.002156	.0010415	.0055857	247.7728
Stddev	.0061404	.005257	.001405	.0022286	.0032723	.5247
%RSD	358.4892	74.70706	65.17064	213.9766	58.58373	.2117721

#1	.0079767	-.007930	-.001283	.0023066	.0062917	247.8301
#2	.0014581	-.011790	-.001408	-.001532	.0084473	248.2664
#3	-.004296	-.001391	-.003777	.002350	.0020180	247.2217

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043489	.0011546	-.000823	246.0887	.0495748	-.000473
Stddev	.0000862	.0000530	.000046	.0756	.0002995	.000232
%RSD	1.982821	4.588887	5.610503	.0307141	.6041114	49.10552

#1	.0044223	.0011220	-.000824	246.0463	.0497509	-.000729
#2	.0042540	.0011260	-.000869	246.1760	.0497445	-.000413
#3	.0043705	.0012157	-.000777	246.0439	.0492290	-.000276

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006431	100.9200	.0104215	251.4616	-.000017	-.003752
Stddev	.001143	.4286	.0012809	.6573	.000731	.000292
%RSD	17.77684	.4246497	12.29069	.2614105	4377.262	7.774028

#1	-.005607	100.9527	.0089459	250.9632	-.000166	-.004085
#2	-.005950	101.3312	.0112469	252.2066	.000777	-.003542
#3	-.007736	100.4760	.0110716	251.2150	-.000661	-.003628

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5969158	-.000866	-.011368	-.007448	-.006104	F .1177188
Stddev	.0425343	.002038	.006489	.049708	.001920	.0007998
%RSD	7.125681	235.3937	57.08405	667.3898	31.46493	.6794410

#1	.5481542	-.002838	-.018754	-.013373	-.005266	.1167983
#2	.6162074	-.000991	-.006579	-.053928	-.004744	.1182448
#3	.6263858	.001232	-.008772	.044957	-.008301	.1181132

Sample Name: ICSA Acquired: 6/15/2018 12:37:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011354	.0215871	-.004170	-.003642	-.001080	.0070123
Stddev	.0002346	.0038128	.001410	.001138	.000525	.0007810
%RSD	20.65803	17.66236	33.81082	31.26327	48.64645	11.13709

#1	.0009193	.0241122	-.005632	-.004935	-.000937	.0079065
#2	.0011021	.0234479	-.002818	-.002790	-.001661	.0064646
#3	.0013849	.0172012	-.004062	-.003200	-.000641	.0066656

Elem	Sr4077
Units	ppm
Avg	.1018308
Stddev	.0001283
%RSD	.1259427

#1	.1019608
#2	.1018273
#3	.1017043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2324.013	2474.859	62793.16	8249.206	3519.509
Stddev	9.116	2.936	90.01	46.190	4.019
%RSD	.3922618	.1186147	.1433402	.5599332	.1141822

#1	2318.760	2475.578	62690.44	8208.615	3519.062
#2	2334.540	2477.367	62830.82	8239.538	3523.733
#3	2318.740	2471.630	62858.23	8299.465	3515.733

Sample Name: ICSAB Acquired: 6/15/2018 12:41:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0962786	.0999992	.0443431	.0451352	.5712556	245.2282
Stddev	.0050741	.0020468	.0017279	.0087672	.0009397	.9441
%RSD	5.270239	2.046797	3.896582	19.42431	.1644986	.3850062

#1	.0975089	.0980957	.0425551	.0375930	.5722407	244.1903
#2	.0907025	.0997378	.0444703	.0547544	.5703690	246.0362
#3	.1006245	.1021641	.0460038	.0430584	.5711572	245.4581

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5102571	.5113363	.9915205	242.4371	.5600368	.4915877
Stddev	.0020140	.0016922	.0020796	.1553	.0015710	.0011615
%RSD	.3946949	.3309377	.2097353	.0640513	.2805117	.2362694

#1	.5088524	.5102561	.9917359	242.6145	.5591495	.4917610
#2	.5125645	.5132865	.9893416	242.3706	.5591102	.4903493
#3	.5093545	.5104663	.9934840	242.3260	.5618506	.4926527

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4995001	100.7257	.5275787	250.6888	1.000255	.1867419
Stddev	.0073794	.4944	.0004853	1.5927	.000677	.0010278
%RSD	1.477356	.4908651	.0919827	.6353480	.0677239	.5503835

#1	.5069826	100.1890	.5279930	248.9759	1.000296	.1870857
#2	.4922284	101.1627	.5270448	252.1252	.999558	.1855863
#3	.4992894	100.8254	.5276984	250.9653	1.000911	.1875537

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2224655	.5188966	.9663220	-.207888	.0070929	F .1185411
Stddev	.0861752	.0101526	.0195816	.035130	.0022312	.0013449
%RSD	38.73642	1.956584	2.026404	16.89833	31.45647	1.134585

#1	.1960964	.5077250	.9571131	-.175107	.0088351	.1169885
#2	.1525557	.5214045	.9530425	-.244970	.0045781	.1193502
#3	.3187443	.5275602	.9888104	-.203587	.0078655	.1192845

Sample Name: ICSAB Acquired: 6/15/2018 12:41:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024013	.0089234	-.002512	-.002778	.0004322	.0077985
Stddev	.0005383	.0108231	.000595	.001752	.0017778	.0005458
%RSD	22.41718	121.2884	23.70100	63.04720	411.3062	6.998608

#1	.0028096	.0172692	-.003041	-.004318	.0024187	.0071784
#2	.0017913	-.003306	-.002628	-.003144	-.001009	.0082060
#3	.0026032	.012807	-.001867	-.000873	-.000113	.0080111

Elem	Sr4077
Units	ppm
Avg	.1003404
Stddev	.0003421
%RSD	.3409122

#1	.1000393
#2	.1007124
#3	.1002697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2333.434	2470.248	63195.47	8335.901	3536.852
Stddev	16.444	3.737	228.32	18.439	3.023
%RSD	.7047025	.1512616	.3612983	.2212057	.0854650

#1	2315.418	2471.103	62968.53	8314.956	3533.942
#2	2347.635	2466.158	63425.15	8343.056	3536.638
#3	2337.251	2473.482	63192.74	8349.690	3539.976

Sample Name: CCV023 Acquired: 6/15/2018 12:45:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856090	4.788262	24.19940	4.852910	4.876794	408.1334
Stddev	.029544	.018681	.07490	.017180	.021387	12.3657
%RSD	.6083864	.3901464	.3094976	.3540093	.4385563	3.029820

#1	4.857353	4.774686	24.19582	4.864609	4.884435	399.4112
#2	4.825935	4.780533	24.12635	4.833186	4.852636	402.7040
#3	4.884982	4.809567	24.27602	4.860935	4.893312	422.2849

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09125	.5152734	2.439646	405.0668	15.14802	2.445501
Stddev	.27918	.0150073	.007091	11.7974	.01813	.007025
%RSD	2.766584	2.912498	.2906680	2.912454	.1196584	.2872522

#1	9.93078	.5023279	2.435133	397.9103	15.12727	2.440515
#2	9.92935	.5117696	2.435986	398.6068	15.16076	2.442453
#3	10.41362	.5317226	2.447819	418.6833	15.15602	2.453535

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20821	408.9109	14.94698	408.5467	2.464621	1.272063
Stddev	.45026	14.8482	.37098	15.4677	.006835	.006754
%RSD	2.960640	3.631158	2.481942	3.786031	.2773071	.5309392

#1	14.89988	397.3436	14.69599	397.5552	2.457211	1.277800
#2	14.99982	403.7348	14.77186	401.8507	2.465972	1.264620
#3	15.72491	425.6544	15.37310	426.2342	2.470679	1.273771

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.7465	2.539122	14.81934	153.9837	F 6.281381	5.276803
Stddev	13.8151	.077412	.10784	4.5051	.042239	.150795
%RSD	3.490895	3.048751	.7277241	2.925694	.6724470	2.857698

#1	385.2022	2.482289	14.79357	150.5469	6.270037	5.153622
#2	390.6518	2.507789	14.72672	152.3203	6.245973	5.231815
#3	411.3854	2.627289	14.93774	159.0840	6.328134	5.444972

Sample Name: CCV023 Acquired: 6/15/2018 12:45:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.837675	5.038901	5.036836	4.939060	5.064953	5.086869
Stddev	.015008	.017976	.132805	.012629	.180751	.150811
%RSD	.3102240	.3567498	2.636676	.2557048	3.568655	2.964707

#1	4.836566	5.036884	4.920877	4.937618	4.929683	4.989959
#2	4.823253	5.022019	5.007912	4.927213	4.994939	5.010024
#3	4.853207	5.057801	5.181720	4.952348	5.270238	5.260625

Elem	Sr4077
Units	ppm
Avg	5.094470
Stddev	.141950
%RSD	2.786358

#1	4.996375
#2	5.029794
#3	5.257240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.225	2248.550	59983.80	7931.990	3146.903
Stddev	7.148	7.640	49.42	222.229	6.517
%RSD	.3318067	.3397577	.0823904	2.801675	.2070963

#1	2147.066	2246.316	59936.49	8108.932	3148.919
#2	2161.362	2257.058	60035.09	8004.467	3152.174
#3	2154.247	2242.277	59979.81	7682.571	3139.616

Sample Name: CCB023 Acquired: 6/15/2018 12:48:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000856	-.000955	-.000486	-.003137	.0007383	.0074087	-.000965
Stddev	.002098	.001957	.002010	.001589	.0008915	.0073282	.000414
%RSD	245.0567	205.0301	413.5723	50.64999	120.7435	98.91360	42.95695

#1	.001565	-.000115	.001810	-.001549	-.000086	.0111420	-.000775
#2	-.002007	-.003192	-.001339	-.003135	.001684	-.001034	-.001440
#3	-.002127	.000443	-.001929	-.004727	.000617	.012118	-.000679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000162	-.000031	.0067584	.0000918	.0000849	-.001241	.0099697
Stddev	.0000081	.000052	.0064400	.0001202	.0002260	.002313	.0049487
%RSD	50.20293	166.7243	95.28860	130.9356	266.0945	186.3479	49.63725

#1	.0000134	-.000056	.0048829	.0002068	-.000164	.001356	.0143370
#2	.0000254	.000029	.0014643	.0001016	.000278	-.003079	.0109773
#3	.0000099	-.000067	.0139279	-.000033	.000140	-.002001	.0045947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000046	.0495570	-.000110	-.003426	-.083646	.0005790	-.007674
Stddev	.001036	.0185633	.000016	.000152	.169203	.0024719	.006260
%RSD	2273.021	37.45854	14.58655	4.428838	202.2842	426.9324	81.56921

#1	.000591	.0281664	-.000121	-.003309	-.266782	.0020660	-.011726
#2	.000513	.0614476	-.000118	-.003372	-.051032	.0019455	-.010833
#3	-.001241	.0590570	-.000092	-.003597	.066876	-.002275	-.000464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.153429	-.001299	.0027569	.0000270	-.014239	-.002819	.0001640
Stddev	.027098	.000460	.0008957	.0000185	.001869	.000818	.0010349
%RSD	17.66142	35.41722	32.48850	68.56650	13.12365	29.00473	631.1958

#1	-.172280	-.001092	.0017404	.0000140	-.013287	-.002019	.0006585
#2	-.165633	-.000979	.0031004	.0000187	-.013038	-.002786	-.001025
#3	-.122376	-.001826	.0034301	.0000481	-.016392	-.003653	.000859

Sample Name: CCB023 Acquired: 6/15/2018 12:48:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB023 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015562	.0015951	-.000006
Stddev	.0007794	.0010940	.000019
%RSD	50.08220	68.58378	322.0545

#1	.0008849	.0010310	-.000012
#2	.0024109	.0008982	.000015
#3	.0013728	.0028559	-.000021

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2554.673	2714.707	68490.25	8539.867	4245.110
Stddev	7.622	8.772	209.44	15.064	19.718
%RSD	.2983582	.3231314	.3057957	.1763969	.4644948

#1	2547.056	2715.753	68357.68	8523.350	4249.313
#2	2562.300	2722.909	68731.70	8552.850	4262.388
#3	2554.662	2705.459	68381.37	8543.400	4223.629

Sample Name: J3386-13 Acquired: 6/15/2018 12:53:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0900467	-.000886	1.411129	.0098402	.0121880	66.80908	1.117720
Stddev	.0059159	.003059	.005221	.0036531	.0015410	.28053	.002201
%RSD	6.569871	345.1038	.3699609	37.12368	12.64400	.4198985	.1969114

#1	.0841568	-.002228	1.406242	.0077783	.0107226	67.08719	1.118193
#2	.0959884	-.003045	1.410517	.0140580	.0137949	66.52619	1.115321
#3	.0899950	.002614	1.416629	.0076843	.0120463	66.81387	1.119646

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114992	.0590928	168.7510	.0824548	.0493564	.5828974	105.7737
Stddev	.0005603	.0000598	1.9501	.0002683	.0004637	.0053668	1.0350
%RSD	4.872531	.1011261	1.155598	.3254093	.9395846	.9207171	.9784886

#1	.0121459	.0590629	170.9989	.0821790	.0491731	.5851017	106.7792
#2	.0111606	.0590539	167.7426	.0824704	.0490123	.5868112	104.7116
#3	.0111910	.0591616	167.5117	.0827149	.0498837	.5767794	105.8302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.040893	46.82826	.0890464	.0061307	1.707391	.2160985	2.380933
Stddev	.059122	.68029	.0003513	.0000753	.094860	.0015358	.115087
%RSD	1.172843	1.452738	.3944529	1.228088	5.555863	.7106832	4.833711

#1	5.108868	47.59592	.0886897	.0061001	1.815990	.2178562	2.248807
#2	5.001434	46.30015	.0890578	.0062165	1.640716	.2154239	2.459334
#3	5.012377	46.58871	.0893919	.0060755	1.665466	.2150156	2.434657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.95127	3.785640	.2103137	.0070219	9.863740	6.548166	.0130951
Stddev	.19093	.012130	.0015147	.0004385	.034825	.337632	.0003407
%RSD	.6830734	.3204139	.7202274	6.244707	.3530571	5.156136	2.601797

#1	28.16457	3.777816	.2095742	.0067614	9.823950	6.937454	.0134121
#2	27.79633	3.799613	.2093107	.0067761	9.888668	6.371874	.0131384
#3	27.89291	3.779492	.2120561	.0075281	9.878600	6.335169	.0127348

Sample Name: J3386-13 Acquired: 6/15/2018 12:53:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.086941	.0758520	.5434633
Stddev	.003998	.0004782	.0007281
%RSD	.3678356	.6304652	.1339708

#1	1.089695	.0754622	.5443005
#2	1.082355	.0757082	.5431112
#3	1.088774	.0763856	.5429782

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.497	2951.050	75806.73	9523.043	3840.750
Stddev	6.590	7.134	161.21	466.325	8.506
%RSD	.2365126	.2417431	.2126644	4.896803	.2214639

#1	2792.980	2959.213	75982.16	8984.578	3850.316
#2	2786.708	2946.008	75772.93	9791.500	3837.895
#3	2779.805	2947.930	75665.10	9793.050	3834.039

Sample Name: J3386-14 Acquired: 6/15/2018 12:57:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1180688	-.009597	1.852537	.0070085	.0125736	88.56742	1.237285
Stddev	.0039080	.003227	.011826	.0039978	.0016243	1.77913	.027232
%RSD	3.309887	33.61913	.6383612	57.04272	12.91846	2.008790	2.200978

#1	.1225099	-.008641	1.851182	.0097983	.0135315	88.49566	1.236632
#2	.1165408	-.006957	1.841447	.0087986	.0134911	86.82526	1.210385
#3	.1151558	-.013194	1.864982	.0024284	.0106981	90.38135	1.264838

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139642	.0610875	171.7905	.0947460	.0621533	.4298819	132.7438
Stddev	.0002908	.0001990	4.1424	.0005682	.0003678	.0077112	2.3968
%RSD	2.082782	.3257246	2.411292	.5997378	.5918035	1.793787	1.805612

#1	.0139947	.0609655	171.2585	.0948584	.0617449	.4273952	132.7509
#2	.0136592	.0609799	167.9399	.0952497	.0624586	.4237210	130.3434
#3	.0142385	.0613171	176.1732	.0941300	.0622563	.4385296	135.1371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.791326	49.38121	.1050758	.0050665	1.296096	.2848015	1.232681
Stddev	.094187	.89253	.0004526	.0003377	.097834	.0098005	.003179
%RSD	2.484276	1.807436	.4307791	6.665592	7.548368	3.441186	.2578795

#1	3.768057	49.52578	.1045774	.0050389	1.243152	.2808101	1.234389
#2	3.710954	48.42522	.1054614	.0047434	1.236144	.2776265	1.229013
#3	3.894966	50.19264	.1051887	.0054172	1.408993	.2959679	1.234641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.90701	3.406351	.2185261	.0048754	5.892801	11.22627	.0145027
Stddev	.73661	.005194	.0029609	.0003122	.012452	.25848	.0009428
%RSD	2.238447	.1524863	1.354918	6.403692	.2113032	2.302427	6.501249

#1	32.75758	3.401821	.2197480	.0048920	5.878448	11.18476	.0155914
#2	32.25658	3.405212	.2151498	.0045552	5.900713	10.99107	.0139644
#3	33.70687	3.412020	.2206804	.0051789	5.899241	11.50299	.0139522

Sample Name: J3386-14 Acquired: 6/15/2018 12:57:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FW5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.619167	.0845027	.5234161
Stddev	.031782	.0020324	.0114210
%RSD	1.962881	2.405104	2.182005

#1	1.615498	.0856646	.5213807
#2	1.589379	.0821560	.5131496
#3	1.652625	.0856875	.5357178

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2851.772	3032.081	78024.23	10048.33	3788.627
Stddev	9.744	5.060	238.82	219.89	5.011
%RSD	.3416768	.1668879	.3060841	2.188328	.1322601

#1	2843.394	3035.569	77945.64	10075.68	3793.636
#2	2849.457	3034.397	77834.60	10253.27	3788.630
#3	2862.465	3026.278	78292.44	9816.05	3783.615

Sample Name: J3386-15 Acquired: 6/15/2018 13:01:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1055369	-.010571	1.005689	.0059133	.0101501	79.25535	1.119331
Stddev	.0005447	.002958	.007308	.0035476	.0018773	.27010	.002782
%RSD	.5161560	27.98532	.7266904	59.99401	18.49552	.3407919	.2485374

#1	.1053231	-.009269	1.004489	.0061655	.0079839	79.05718	1.116252
#2	.1051314	-.008486	.999056	.0093281	.0111629	79.56300	1.120075
#3	.1061560	-.013956	1.013523	.0022463	.0113035	79.14588	1.121665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096349	.0406839	400.6078	.0697687	.0459542	.3228713	116.0717
Stddev	.0001252	.0002843	1.3012	.0005569	.0007161	.0047869	.8078
%RSD	1.299408	.6986820	.3247979	.7981707	1.558281	1.482619	.6959350

#1	.0095984	.0406101	399.2781	.0703427	.0455447	.3201957	115.5035
#2	.0097743	.0404438	400.6668	.0692306	.0455368	.3283979	116.9964
#3	.0095320	.0409977	401.8784	.0697329	.0467810	.3200205	115.7152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.066093	119.5424	.0647998	.0011733	2.301217	.2315852	.9973519
Stddev	.013311	.6680	.0014026	.0001933	.182749	.0042500	.0047399
%RSD	.4341423	.5588270	2.164531	16.47254	7.941425	1.835163	.4752461

#1	3.051081	118.9860	.0632868	.0012826	2.378093	.2307380	.9952709
#2	3.076456	120.2833	.0650561	.0012871	2.432970	.2361950	.9940085
#3	3.070743	119.3580	.0660567	.0009501	2.092588	.2278227	1.002776

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.04981	2.969936	.2315455	.0052626	4.596017	7.540924	.0063019
Stddev	.08596	.024385	.0010050	.0005974	.034333	.029621	.0007991
%RSD	.3064659	.8210648	.4340266	11.35165	.7470102	.3927993	12.68055

#1	28.13020	2.962432	.2321698	.0045933	4.582318	7.513372	.0068366
#2	27.95919	2.950185	.2320805	.0057419	4.570650	7.572251	.0066858
#3	28.06004	2.997191	.2303862	.0054525	4.635085	7.537150	.0053832

Sample Name: J3386-15 Acquired: 6/15/2018 13:01:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.914886	.1702693	1.483540
Stddev	.007036	.0001223	.001956
%RSD	.3674296	.0718359	.1318298

#1	1.907012	.1703885	1.481805
#2	1.920556	.1702751	1.483155
#3	1.917090	.1701441	1.485660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.707	2734.291	70769.13	9269.149	3546.158
Stddev	6.120	20.262	52.41	24.820	28.829
%RSD	.2358820	.7410397	.0740565	.2677682	.8129678

#1	2588.780	2739.150	70829.63	9271.349	3556.785
#2	2601.004	2751.681	70740.14	9243.303	3568.165
#3	2594.337	2712.040	70737.62	9292.796	3513.524

Sample Name: J3386-16 Acquired: 6/15/2018 13:05:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0835784	-.003869	1.444724	.0064979	.0110651	54.77860	.8192907
Stddev	.0003830	.000306	.026062	.0030614	.0015047	.12887	.0029976
%RSD	.4582034	7.918702	1.803930	47.11478	13.59868	.2352503	.3658782

#1	.0837841	-.003878	1.474493	.0098986	.0101008	54.63371	.8171389
#2	.0838146	-.003558	1.433654	.0039617	.0102955	54.88041	.8227146
#3	.0831366	-.004171	1.426024	.0056333	.0127989	54.82169	.8180187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088083	.0953477	142.3769	.0596424	.0329385	.5597975	78.33097
Stddev	.0001570	.0017626	.3831	.0000683	.0007893	.0033037	.29773
%RSD	1.782464	1.848659	.2690779	.1145431	2.396407	.5901647	.3800957

#1	.0087916	.0973327	142.5914	.0596688	.0338487	.5609006	77.99585
#2	.0089730	.0939658	142.6047	.0596936	.0325257	.5624086	78.43208
#3	.0086603	.0947445	141.9346	.0595648	.0324412	.5560834	78.56498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.974748	41.62999	.0583659	.0068896	.7771389	.1584657	1.380376
Stddev	.014765	.14887	.0007108	.0005060	.0261008	.0036521	.023310
%RSD	.4963347	.3576054	1.217759	7.344824	3.358581	2.304687	1.688641

#1	2.991360	41.47150	.0591782	.0064690	.7500530	.1573140	1.402908
#2	2.963121	41.65158	.0578580	.0067485	.7792355	.1625548	1.356360
#3	2.969763	41.76689	.0580616	.0074512	.8021282	.1555282	1.381859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.53484	3.104745	.1986856	.0062944	12.34855	9.455929	.0105086
Stddev	.08073	.056937	.0010546	.0001891	.23370	.075370	.0008880
%RSD	.4355345	1.833870	.5308003	3.003548	1.892531	.7970674	8.450308

#1	18.52405	3.168714	.1989926	.0062809	12.61455	9.525948	.0103876
#2	18.62042	3.059616	.1975115	.0061125	12.17620	9.465683	.0114509
#3	18.46005	3.085905	.1995526	.0064899	12.25491	9.376157	.0096873

Sample Name: J3386-16 Acquired: 6/15/2018 13:05:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FW7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.166105	.0671687	.5811348
Stddev	.003410	.0002326	.0011167
%RSD	.2924566	.3463106	.1921580

#1	1.164936	.0674261	.5818748
#2	1.169946	.0669737	.5816794
#3	1.163433	.0671062	.5798503

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2693.757	2818.404	73382.60	9473.200	3824.393
Stddev	5.483	33.313	113.35	48.978	56.917
%RSD	.2035321	1.181984	.1544649	.5170214	1.488271

#1	2687.463	2779.985	73272.25	9433.036	3758.964
#2	2697.488	2835.955	73498.73	9458.799	3862.486
#3	2696.322	2839.272	73376.84	9527.764	3851.728

Sample Name: J3386-17 Acquired: 6/15/2018 13:09:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0868564	-.002782	1.552144	.0068388	.0158672	59.11261	1.136313
Stddev	.0056653	.000710	.005133	.0011823	.0004096	.14712	.004826
%RSD	6.522568	25.53188	.3307334	17.28774	2.581430	.2488779	.4247403

#1	.0916666	-.003588	1.550036	.0080754	.0158994	59.11556	1.137078
#2	.0806118	-.002249	1.548400	.0057196	.0154425	59.25823	1.140711
#3	.0882908	-.002509	1.557996	.0067212	.0162598	58.96404	1.131150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080143	.0996708	381.2296	.0476421	.0285284	.6004422	68.32757
Stddev	.0001563	.0005787	.7877	.0007934	.0005488	.0048231	.11147
%RSD	1.950318	.5806139	.2066147	1.665409	1.923831	.8032555	.1631349

#1	.0078338	.0995175	380.9890	.0474171	.0279375	.6059632	68.32984
#2	.0081042	.0991841	382.1096	.0469854	.0286256	.5983156	68.43788
#3	.0081049	.1003107	380.5904	.0485237	.0290222	.5970479	68.21498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.458064	104.4832	.0532442	.0103330	1.381258	.1356547	1.438982
Stddev	.006193	.2141	.0005443	.0003957	.124449	.0035994	.005067
%RSD	.1790974	.2048715	1.022249	3.829373	9.009793	2.653339	.3521099

#1	3.457616	104.4500	.0527826	.0106806	1.370478	.1375026	1.444688
#2	3.464470	104.2877	.0531055	.0099024	1.262551	.1379549	1.435009
#3	3.452108	104.7119	.0538444	.0104160	1.510746	.1315067	1.437249

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.81521	5.136331	.2348118	.0069182	15.28895	6.847485	.0097714
Stddev	.05553	.005101	.0000892	.0001522	.02467	.022942	.0012462
%RSD	.2151188	.0993188	.0380021	2.199554	.1613283	.3350455	12.75338

#1	25.84480	5.134875	.2348538	.0069173	15.31709	6.821675	.0090437
#2	25.84969	5.132115	.2347094	.0070709	15.27109	6.855222	.0090603
#3	25.75115	5.142002	.2348724	.0067665	15.27866	6.865560	.0112104

Sample Name: J3386-17 Acquired: 6/15/2018 13:09:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8906981	.1318445	1.395831
Stddev	.0008765	.0007579	.002905
%RSD	.0984101	.5748712	.2081000

#1	.8897178	.1317950	1.396640
#2	.8914065	.1311125	1.398245
#3	.8909698	.1326259	1.392607

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2568.889	2729.728	69997.42	9158.305	3664.219
Stddev	3.768	11.573	236.09	24.197	15.093
%RSD	.1466843	.4239653	.3372767	.2642058	.4119031

#1	2565.012	2720.614	70251.78	9186.150	3652.798
#2	2569.117	2742.749	69955.18	9142.387	3681.330
#3	2572.538	2725.823	69785.31	9146.378	3658.530

Sample Name: J3386-18 Acquired: 6/15/2018 13:13:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1524920	-.004668	2.559339	.0072572	.0173769	83.41614	1.009969
Stddev	.0017252	.002892	.012301	.0044204	.0012517	.37735	.001884
%RSD	1.131327	61.94859	.4806164	60.91041	7.202990	.4523675	.1865226

#1	.1543836	-.002674	2.559094	.0026926	.0159387	83.01028	1.010981
#2	.1520870	-.003345	2.547163	.0075613	.0179728	83.48179	1.007796
#3	.1510053	-.007985	2.571760	.0115176	.0182194	83.75636	1.011131

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098029	.1214543	122.7916	.1060525	.0645572	.9035065	145.3534
Stddev	.0001007	.0007176	.3712	.0001835	.0000773	.0075781	.9253
%RSD	1.026862	.5908392	.3022976	.1730597	.1198120	.8387434	.6365882

#1	.0097299	.1212372	122.9050	.1058449	.0645131	.8961025	144.2860
#2	.0099177	.1208704	122.3769	.1061932	.0645121	.9031697	145.8457
#3	.0097610	.1222554	123.0928	.1061194	.0646466	.9112474	145.9285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.990625	54.32949	.1003717	.0167066	1.912192	.2769045	2.005902
Stddev	.008339	.62167	.0008758	.0007446	.209267	.0054659	.032186
%RSD	.1670876	1.144261	.8725679	4.456909	10.94383	1.973933	1.604560

#1	5.000252	53.61279	.0999404	.0159084	2.039525	.2717448	1.988226
#2	4.985966	54.72289	.0997952	.0168291	2.026380	.2763366	1.986428
#3	4.985657	54.65278	.1013795	.0173824	1.670671	.2826323	2.043052

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.88445	2.596482	.2270910	.0094342	4.390018	2.489186	.0201969
Stddev	.02790	.012397	.0022990	.0002706	.013213	.022887	.0007821
%RSD	.1037805	.4774689	1.012350	2.868535	.3009874	.9194746	3.872332

#1	26.85273	2.592329	.2248988	.0093777	4.375795	2.466561	.0194501
#2	26.89541	2.586694	.2268907	.0091963	4.392348	2.512327	.0210101
#3	26.90521	2.610422	.2294836	.0097286	4.401911	2.488671	.0201305

Sample Name: J3386-18 Acquired: 6/15/2018 13:13:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FX0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.971194	.1030471	.3978309
Stddev	.005371	.0007499	.0002132
%RSD	.2724948	.7276949	.0535949

#1	1.965133	.1022158	.3976882
#2	1.973087	.1036726	.3980760
#3	1.975363	.1032528	.3977286

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.317	2942.648	75540.41	9807.022	3834.300
Stddev	11.254	11.700	115.72	45.295	16.094
%RSD	.4046199	.3975945	.1531856	.4618623	.4197326

#1	2792.066	2941.374	75656.94	9847.636	3834.266
#2	2782.268	2954.932	75538.79	9758.176	3850.411
#3	2769.619	2931.637	75425.52	9815.255	3818.223

Sample Name: J3386-19 Acquired: 6/15/2018 13:17:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1274376	-.007592	1.641292	.0049240	.0102047	83.49845	1.156416
Stddev	.0043217	.001615	.020890	.0033027	.0027824	.43852	.001768
%RSD	3.391216	21.27743	1.272773	67.07386	27.26618	.5251890	.1528562

#1	.1315816	-.008648	1.665121	.0027383	.0095913	83.07414	1.156646
#2	.1277735	-.005732	1.626133	.0087233	.0077801	83.47129	1.154544
#3	.1229578	-.008395	1.632622	.0033104	.0132426	83.94993	1.158057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092309	.0529220	132.0187	.1055561	.0686494	.4200983	148.9937
Stddev	.0001433	.0005172	.4645	.0003738	.0009466	.0016976	1.3554
%RSD	1.552761	.9773357	.3518428	.3540998	1.378821	.4041008	.9096886

#1	.0091141	.0534937	131.4917	.1051392	.0696304	.4187120	147.5808
#2	.0093908	.0524866	132.1961	.1056678	.0677415	.4219917	149.1172
#3	.0091878	.0527857	132.3684	.1058613	.0685763	.4195912	150.2831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.009064	50.12669	.0882755	-.014377	1.153571	.3475504	1.393594
Stddev	.003413	.60481	.0013677	.000571	.065585	.0086635	.025491
%RSD	.0851286	1.206554	1.549400	3.972015	5.685369	2.492735	1.829139

#1	4.006132	49.46997	.0896456	-.015029	1.224109	.3406389	1.379142
#2	4.008248	50.24933	.0869102	-.013968	1.142170	.3447427	1.378613
#3	4.012810	50.66079	.0882707	-.014132	1.094434	.3572695	1.423026

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.24232	2.474081	.2304436	.0050665	4.055617	4.687777	.0117795
Stddev	.09004	.028529	.0015497	.0002099	.058083	.051185	.0006952
%RSD	.2977447	1.153118	.6725077	4.142315	1.432166	1.091877	5.901812

#1	30.16802	2.505385	.2298554	.0049532	4.119814	4.629050	.0120240
#2	30.21649	2.449543	.2292740	.0053086	4.006705	4.722907	.0123195
#3	30.34246	2.467315	.2322013	.0049375	4.040333	4.711374	.0109951

Sample Name: J3386-19 Acquired: 6/15/2018 13:17:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.478912	.0975657	.4591804
Stddev	.014118	.0015004	.0004637
%RSD	.5695403	1.537855	.1009833

#1	2.463353	.0984460	.4597157
#2	2.482477	.0958332	.4589023
#3	2.490906	.0984178	.4589232

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2715.235	2882.881	74261.76	9635.795	3812.231
Stddev	12.871	27.618	258.02	71.595	41.825
%RSD	.4740367	.9580017	.3474532	.7430135	1.097115

#1	2713.206	2851.168	74006.44	9716.327	3764.330
#2	2729.000	2901.653	74256.44	9611.710	3841.516
#3	2703.499	2895.821	74522.40	9579.348	3830.846

Sample Name: J3386-20 Acquired: 6/15/2018 13:21:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1518726	-.008656	2.736030	.0068652	.0153023	86.56409	.9090415
Stddev	.0049248	.000285	.039352	.0028202	.0021213	.38627	.0036212
%RSD	3.242720	3.289470	1.438274	41.08021	13.86279	.4462240	.3983527

#1	.1575593	-.008414	2.713431	.0049947	.0171109	86.61983	.9120853
#2	.1490312	-.008970	2.713190	.0101090	.0158288	86.91946	.9100023
#3	.1490274	-.008584	2.781469	.0054918	.0129674	86.15298	.9050367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091611	.1284394	105.7172	.1007252	.0777347	.8390802	142.6131
Stddev	.0001281	.0018596	.2856	.0002889	.0014560	.0065069	.6911
%RSD	1.397771	1.447858	.2701863	.2867709	1.873046	.7754852	.4846014

#1	.0090502	.1274117	105.9987	.1008068	.0766872	.8462774	142.1559
#2	.0093012	.1273204	105.7253	.1009645	.0771196	.8336134	143.4081
#3	.0091317	.1305861	105.4276	.1004044	.0793973	.8373497	142.2752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.336767	54.93864	.1123574	-.005572	2.063854	.2807245	1.922216
Stddev	.006535	.31831	.0015642	.000286	.133455	.0009769	.040638
%RSD	.1506846	.5793872	1.392146	5.135808	6.466290	.3479870	2.114124

#1	4.343697	54.94875	.1113351	-.005546	2.122927	.2796049	1.907712
#2	4.335886	55.25177	.1115791	-.005300	1.911058	.2814038	1.890820
#3	4.330717	54.61540	.1141580	-.005871	2.157577	.2811646	1.968116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.09287	3.200900	.2233115	.0085451	6.904361	3.595691	.0204221
Stddev	.14861	.047717	.0008554	.0003499	.101338	.041701	.0016986
%RSD	.5289795	1.490746	.3830418	4.095192	1.467742	1.159741	8.317650

#1	28.05257	3.183806	.2225424	.0081682	6.855268	3.588851	.0184783
#2	28.25747	3.164084	.2242327	.0088597	6.836920	3.640388	.0211673
#3	27.96858	3.254809	.2231593	.0086075	7.020896	3.557833	.0216208

Sample Name: J3386-20 Acquired: 6/15/2018 13:21:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.279683	.1062542	.3607991
Stddev	.009586	.0010240	.0009724
%RSD	.4204753	.9637587	.2695121

#1	2.284361	.1058356	.3617027
#2	2.286032	.1074212	.3609245
#3	2.268657	.1055058	.3597701

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.934	3461.395	89605.89	11627.80	3783.955
Stddev	23.291	26.118	168.13	74.69	44.988
%RSD	.7103140	.7545576	.1876277	.6423000	1.188921

#1	3286.139	3474.399	89563.41	11612.21	3809.520
#2	3297.771	3478.459	89791.18	11562.14	3810.335
#3	3252.892	3431.327	89463.07	11709.05	3732.009

Sample Name: J3386-21 Acquired: 6/15/2018 13:25:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1566968	-.009615	2.733961	.0079530	.0157681	87.47958	.9207659
Stddev	.0046278	.002046	.002378	.0032093	.0002388	.33328	.0058954
%RSD	2.953366	21.27793	.0869630	40.35382	1.514261	.3809810	.6402668

#1	.1546001	-.010670	2.734373	.0097012	.0160352	87.10783	.9146262
#2	.1620019	-.010918	2.731405	.0099086	.0155753	87.57927	.9212896
#3	.1534884	-.007257	2.736106	.0042491	.0156938	87.75163	.9263820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094989	.1277976	107.2511	.1018392	.0781296	.8467462	144.2588
Stddev	.0004154	.0003344	.4478	.0004140	.0003292	.0061670	.5036
%RSD	4.373542	.2616581	.4175665	.4064929	.4213200	.7283188	.3491279

#1	.0099781	.1277448	107.7111	.1018256	.0784157	.8411839	144.2356
#2	.0092400	.1274927	106.8165	.1022599	.0777698	.8456767	144.7737
#3	.0092786	.1281552	107.2257	.1014323	.0782033	.8533780	143.7672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.408990	55.46918	.1116532	-.005125	1.894113	.2801716	1.888607
Stddev	.019587	.10773	.0000731	.000055	.054863	.0016251	.079320
%RSD	.4442456	.1942108	.0654412	1.077825	2.896484	.5800313	4.199939

#1	4.424191	55.59179	.1116703	-.005171	1.900398	.2807029	1.797026
#2	4.386886	55.38968	.1115730	-.005064	1.945562	.2814646	1.935548
#3	4.415893	55.42608	.1117162	-.005140	1.836378	.2783474	1.933248

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.47297	3.206378	.2206661	.0081688	7.049327	3.726698	.0209436
Stddev	.11863	.014719	.0069365	.0000958	.040295	.156596	.0005066
%RSD	.4166500	.4590547	3.143444	1.172460	.5716180	4.201992	2.418947

#1	28.35726	3.190691	.2135630	.0081793	7.004932	3.907218	.0204885
#2	28.46733	3.219886	.2274231	.0080682	7.083587	3.627400	.0208527
#3	28.59433	3.208557	.2210121	.0082589	7.059462	3.645477	.0214895

Sample Name: J3386-21 Acquired: 6/15/2018 13:25:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FX5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.296023	.1070002	.3651297
Stddev	.009853	.0006783	.0027759
%RSD	.4291550	.6338735	.7602425

#1	2.284699	.1066792	.3624487
#2	2.300729	.1065421	.3649488
#3	2.302641	.1077794	.3679916

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.391	3436.914	88594.46	11243.16	3793.846
Stddev	2.642	7.151	79.90	480.85	7.254
%RSD	.0814228	.2080588	.0901834	4.276810	.1912129

#1	3244.317	3439.005	88682.50	10689.39	3792.028
#2	3248.401	3442.787	88526.56	11554.95	3801.836
#3	3243.454	3428.951	88574.33	11485.15	3787.674

Sample Name: J3386-22 Acquired: 6/15/2018 13:29:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FX5S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2111908	.0806750	2.693961	.0789267	.1570950	89.84961	4.020011
Stddev	.0050785	.0055988	.008637	.0022888	.0007016	1.06832	.047612
%RSD	2.404704	6.939876	.3206133	2.899860	.4466289	1.189004	1.184386

#1	.2120689	.0788867	2.686551	.0783578	.1562863	91.05088	4.074854
#2	.2157730	.0869495	2.703447	.0814462	.1574571	89.49186	3.989252
#3	.2057305	.0761889	2.691886	.0769760	.1575416	89.00607	3.995926

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0844709	.2211344	105.9502	.4103321	1.056471	1.225251	143.8593
Stddev	.0007721	.0008054	1.2491	.0016062	.001616	.011916	2.0593
%RSD	.9140198	.3642136	1.178961	.3914291	.1529435	.9725372	1.431435

#1	.0852484	.2202070	107.3736	.4085076	1.054614	1.238258	145.9714
#2	.0844600	.2215366	105.0366	.4115329	1.057243	1.214860	143.7491
#3	.0837044	.2216594	105.4403	.4109557	1.057556	1.222636	141.8574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.168656	54.65986	1.105078	.0659062	1.994940	1.066163	2.656766
Stddev	.064272	.75178	.006763	.0005627	.106102	.014241	.020829
%RSD	1.243504	1.375372	.6119549	.8538441	5.318551	1.335706	.7840093

#1	5.235660	55.30228	1.097277	.0663572	2.116388	1.082409	2.660152
#2	5.107517	54.84425	1.109266	.0660857	1.920234	1.060247	2.675694
#3	5.162792	53.83304	1.108692	.0652756	1.948200	1.055834	2.634451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.17200	3.145183	.2244831	.0084204	6.957762	3.577624	.0190617
Stddev	.26144	.023854	.0044354	.0001733	.054318	.022803	.0019819
%RSD	.9280259	.7584229	1.975808	2.058450	.7806808	.6373722	10.39741

#1	28.47388	3.120851	.2295854	.0082428	6.901340	3.600378	.0207527
#2	28.02247	3.146172	.2223166	.0084292	6.962248	3.577721	.0195516
#3	28.01964	3.168528	.2215475	.0085891	7.009697	3.554773	.0168808

Sample Name: J3386-22 Acquired: 6/15/2018 13:29:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FX5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.279827	.1072969	.3639100
Stddev	.026528	.0008370	.0042029
%RSD	1.163581	.7800745	1.154921

#1	2.309837	.1071209	.3686655
#2	2.270135	.1082079	.3606937
#3	2.259508	.1065619	.3623708

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.734	3414.130	87998.16	11442.37	3817.703
Stddev	10.811	7.655	227.24	101.66	13.795
%RSD	.3361833	.2242264	.2582357	.8884214	.3613349

#1	3226.088	3420.704	88254.29	11346.55	3830.363
#2	3204.518	3415.960	87919.46	11431.57	3819.746
#3	3216.595	3405.725	87820.73	11549.00	3803.001

Sample Name: PB110119BL Acquired: 6/15/2018 13:37:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	.0016473	.0004432	.0000342	-.003562	-.000825	-.008151	-.000676
Stddev	.0015522	.0008917	.0010488	.001336	.001791	.001925	.000404
%RSD	94.22706	201.2154	3062.600	37.50620	217.1125	23.61282	59.69721

#1	.0025384	.0001392	-.000629	-.002472	.001204	-.008085	-.000211
#2	-.000145	.0014471	-.000512	-.003161	-.001492	-.010107	-.000879
#3	.002549	-.000257	.001243	-.005052	-.002186	-.006260	-.000938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000129	-.000092	.0022307	-.000009	.0001979	-.000879	.0191118
Stddev	.0000554	.000044	.0080697	.000119	.0001260	.001349	.0106407
%RSD	428.9127	48.21918	361.7498	1293.855	63.68728	153.4701	55.67581

#1	-.000048	-.000143	-.006983	-.000119	.0000525	-.001091	.0077833
#2	.000061	-.000066	.008045	-.000025	.0002660	.000563	.0288957
#3	.000026	-.000066	.005630	.000117	.0002752	-.002110	.0206564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	.0500761	-.000145	.0000725	-.053752	.0041198	-.004570
Stddev	.000531	.0310609	.000039	.0002098	.115571	.0036237	.008227
%RSD	1286.359	62.02738	26.76477	289.3290	215.0091	87.96001	180.0245

#1	.000283	.0298811	-.000117	-.000027	-.054326	.0082359	-.000442
#2	-.000655	.0345046	-.000128	.000314	.062105	.0027132	-.014043
#3	.000248	.0858427	-.000189	-.000069	-.169035	.0014102	.000776

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.298445	-.002502	-.002936	-.000008	-.009358	-.002854	-.000883
Stddev	.018254	.000854	.000239	.000050	.000837	.000679	.000160
%RSD	6.116210	34.12890	8.126817	619.3124	8.943199	23.77908	18.13631

#1	-.278277	-.003261	-.002809	.000010	-.010096	-.003277	-.000704
#2	-.303225	-.002669	-.003212	-.000064	-.008449	-.002071	-.000935
#3	-.313833	-.001577	-.002789	.000030	-.009528	-.003213	-.001012

Sample Name: PB110119BL Acquired: 6/15/2018 13:37:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011562	-.000095	.0000296
Stddev	.0006243	.000422	.0000524
%RSD	53.99652	444.5531	177.3758

#1	.0009599	-.000568	.0000515
#2	.0018551	.000242	.0000675
#3	.0006536	.000041	-.000030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.439	2735.440	68936.02	8663.850	4275.671
Stddev	20.020	11.404	369.19	6.076	9.488
%RSD	.7767257	.4168825	.5355547	.0701320	.2219055

#1	2571.371	2730.471	68724.28	8670.225	4265.043
#2	2561.155	2748.485	68721.45	8663.200	4283.289
#3	2599.790	2727.364	69362.32	8658.125	4278.681

Sample Name: PB110119BS Acquired: 6/15/2018 13:41:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177177	.0481852	.0185947	.0646768	.1100343	.3921303
Stddev	.0023248	.0034697	.0009445	.0005731	.0024629	.0141149
%RSD	13.12115	7.200838	5.079309	.8860432	2.238334	3.599553

#1	.0151029	.0441852	.0193130	.0646825	.1087176	.3812867
#2	.0184991	.0499860	.0175249	.0641008	.1085096	.4080898
#3	.0195511	.0503842	.0189463	.0652469	.1128757	.3870143

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3757824	.0098745	.0093949	9.561657	.0211998	.0910202
Stddev	.0007573	.0000498	.0001836	.013381	.0002149	.0017460
%RSD	.2015366	.5045906	1.954159	.1399412	1.013617	1.918253

#1	.3762554	.0098170	.0092316	9.548015	.0213671	.0895643
#2	.3749089	.0099023	.0093595	9.562195	.0212749	.0905404
#3	.3761828	.0099043	.0095937	9.574760	.0209575	.0929560

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483269	.2173865	.0313264	9.221037	.0770837	.0182316
Stddev	.0017640	.0096372	.0010666	.219494	.0017289	.0002889
%RSD	3.650205	4.433191	3.404687	2.380363	2.242958	1.584767

#1	.0497723	.2070691	.0302497	8.975753	.0764061	.0183343
#2	.0488471	.2189343	.0313469	9.398947	.0757961	.0184552
#3	.0463613	.2261561	.0323825	9.288410	.0790488	.0179053

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.045898	.1088192	.1128172	8.908475	F .0071834	F .0171456
Stddev	.157662	.0019346	.0085405	.068604	.0012465	.0010745
%RSD	1.742915	1.777802	7.570173	.7700932	17.35228	6.267175

#1	9.047903	.1067986	.1205549	8.917107	.0080891	.0165471
#2	9.202549	.1106544	.1036535	8.835964	.0057618	.0165035
#3	8.887243	.1090046	.1142433	8.972354	.0076992	.0183861

Sample Name: PB110119BS Acquired: 6/15/2018 13:41:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194019	.1506616	.1837881	F .0125004	.1911141	.0896090
Stddev	.0001680	.0073272	.0009563	.0008743	.0016201	.0004963
%RSD	.8661475	4.863314	.5203085	6.994083	.8477225	.5538350

#1	.0194406	.1438377	.1846633	.0134857	.1894715	.0893206
#2	.0192179	.1497420	.1839336	.0118173	.1927108	.0901820
#3	.0195472	.1584052	.1827675	.0121982	.1911601	.0893242

Elem	Sr4077
Units	ppm
Avg	.1904981
Stddev	.0001896
%RSD	.0995070

#1	.1903555
#2	.1904254
#3	.1907132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.321	2702.753	68596.31	8643.180	4202.616
Stddev	4.278	28.631	104.09	50.370	53.017
%RSD	.1673603	1.059345	.1517372	.5827720	1.261516

#1	2561.001	2713.116	68603.23	8698.806	4232.769
#2	2555.351	2724.760	68696.77	8600.654	4233.680
#3	2552.611	2670.383	68488.94	8630.080	4141.400

Sample Name: J3382-20 Acquired: 6/15/2018 13:46:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3405521	-.014930	2.227368	.0111688	.0179521	124.7749	1.438321
Stddev	.0047290	.002844	.016486	.0045954	.0005327	.4747	.004097
%RSD	1.388639	19.04774	.7401462	41.14486	2.967508	.3804774	.2848567

#1	.3386029	-.017111	2.222557	.0064179	.0173452	124.3925	1.436119
#2	.3371092	-.011713	2.213822	.0155911	.0183424	125.3062	1.443048
#3	.3459442	-.015966	2.245724	.0114976	.0181688	124.6260	1.435795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108364	.2324691	46.18907	.1555321	.1228285	1.069541	233.0674
Stddev	.0001183	.0012338	.13759	.0007003	.0008925	.004554	.1621
%RSD	1.091756	.5307389	.2978949	.4502473	.7266634	.4258019	.0695565

#1	.0107079	.2319509	46.04910	.1559173	.1226267	1.064582	233.1074
#2	.0108606	.2315790	46.32416	.1547237	.1220542	1.070505	233.2057
#3	.0109408	.2338775	46.19394	.1559551	.1238047	1.073536	232.8890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.060089	64.07575	.1445420	-.024389	1.383794	.4755892	2.806333
Stddev	.019564	.21576	.0006205	.000421	.150297	.0051470	.039694
%RSD	.2771012	.3367333	.4292859	1.726584	10.86120	1.082243	1.414431

#1	7.039790	63.82661	.1443501	-.023904	1.462799	.4701640	2.847110
#2	7.061654	64.20176	.1440402	-.024654	1.478111	.4804036	2.804069
#3	7.078823	64.19888	.1452358	-.024611	1.210472	.4762001	2.767820

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.71795	3.384190	.2991158	.0088907	2.883198	13.67334	.0191642
Stddev	.28155	.026390	.0020392	.0003087	.023013	.05617	.0008208
%RSD	.5551328	.7798123	.6817550	3.471976	.7981930	.4107864	4.282841

#1	50.41529	3.378855	.3012903	.0085659	2.878093	13.64413	.0189781
#2	50.97209	3.360876	.2988108	.0091803	2.863167	13.63780	.0200621
#3	50.76649	3.412841	.2972462	.0089259	2.908336	13.73810	.0184525

Sample Name: J3382-20 Acquired: 6/15/2018 13:46:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.438020	.1713179	.3774538
Stddev	.028812	.0004478	.0006287
%RSD	.3873657	.2613970	.1665643

#1	7.420034	.1708061	.3768312
#2	7.471252	.1716375	.3780884
#3	7.422774	.1715102	.3774419

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.325	3018.976	77500.36	10006.18	3826.218
Stddev	12.260	14.167	351.98	14.83	13.016
%RSD	.4280296	.4692496	.4541662	.1481995	.3401837

#1	2860.853	3027.800	77636.32	10022.50	3835.703
#2	2854.175	3026.493	77100.68	9993.54	3831.572
#3	2877.947	3002.636	77764.08	10002.50	3811.379

Sample Name: J3382-21 Acquired: 6/15/2018 13:50:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3429612	-.010928	2.211271	.0106396	.0155442	124.3323	1.430682
Stddev	.0058475	.003745	.005384	.0059589	.0006391	.1146	.003143
%RSD	1.704999	34.26963	.2434725	56.00663	4.111469	.0921734	.2196533

#1	.3362152	-.014477	2.205128	.0150779	.0162817	124.2817	1.430693
#2	.3465837	-.011292	2.215170	.0129739	.0151542	124.4635	1.427534
#3	.3460845	-.007014	2.213514	.0038669	.0151966	124.2518	1.433819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106269	.2297570	45.85718	.1540725	.1212893	1.062809	232.8751
Stddev	.0001011	.0001926	.02826	.0003877	.0006119	.002400	1.0258
%RSD	.9514820	.0838084	.0616227	.2516477	.5044939	.2257835	.4404846

#1	.0106678	.2295353	45.86231	.1537781	.1207051	1.060743	232.6232
#2	.0105118	.2298535	45.82671	.1545118	.1212373	1.062243	234.0034
#3	.0107012	.2298822	45.88252	.1539275	.1219256	1.065441	231.9988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.004591	64.09520	.1414039	-.024022	1.354851	.4673314	2.800916
Stddev	.048963	.41613	.0006167	.000314	.063813	.0017418	.017349
%RSD	.6990116	.6492421	.4360965	1.307095	4.709958	.3727028	.6193890

#1	6.967150	64.09571	.1408457	-.023724	1.420529	.4672449	2.820205
#2	6.986623	64.51108	.1420659	-.023993	1.293083	.4656345	2.795954
#3	7.059999	63.67881	.1413002	-.024350	1.350940	.4691148	2.786589

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.42386	3.347844	.3021848	.0086837	2.845595	13.52590	.0215561
Stddev	.13830	.011625	.0033819	.0000322	.012322	.06922	.0007996
%RSD	.2742782	.3472474	1.119146	.3705494	.4330119	.5117764	3.709179

#1	50.29833	3.339210	.3011443	.0086581	2.842786	13.44749	.0224770
#2	50.40113	3.343259	.3059646	.0087198	2.834921	13.55165	.0210384
#3	50.57212	3.361063	.2994453	.0086731	2.859079	13.57856	.0211530

Sample Name: J3382-21 Acquired: 6/15/2018 13:50:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.413412	.1719533	.3755091
Stddev	.019966	.0013092	.0003671
%RSD	.2693293	.7613473	.0977461

#1	7.406207	.1734001	.3755759
#2	7.435981	.1716096	.3751132
#3	7.398048	.1708503	.3758381

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.499	3047.438	77955.60	10085.90	3872.988
Stddev	4.984	12.384	232.95	37.09	11.019
%RSD	.1734502	.4063645	.2988297	.3677432	.2844975

#1	2875.475	3060.506	78182.59	10127.87	3883.714
#2	2877.191	3045.930	77717.11	10072.30	3873.552
#3	2867.829	3035.876	77967.12	10057.53	3861.699

Sample Name: J3382-22 Acquired: 6/15/2018 13:54:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4004911	.0879054	2.207152	.0938961	.1815887	124.4830	5.027491
Stddev	.0052897	.0006532	.003724	.0019951	.0022602	.1231	.003928
%RSD	1.320811	.7430247	.1687138	2.124814	1.244671	.0988489	.0781342

#1	.4039747	.0883667	2.207740	.0941421	.1812257	124.5744	5.028447
#2	.3944043	.0881915	2.203169	.0957569	.1795319	124.3431	5.030853
#3	.4030943	.0871580	2.210547	.0917894	.1840084	124.5316	5.023173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0985707	.3265956	45.03020	.5183893	1.131091	1.484453	226.7214
Stddev	.0004892	.0021631	.11538	.0014690	.004539	.009495	.8110
%RSD	.4963136	.6623266	.2562370	.2833777	.4012800	.6396135	.3576910

#1	.0990220	.3255902	44.91161	.5198619	1.128187	1.480848	227.4922
#2	.0986393	.3251182	45.14208	.5169240	1.128766	1.495222	225.8755
#3	.0980508	.3290785	45.03691	.5183821	1.136322	1.477289	226.7967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.797947	61.70181	1.166322	.0588396	1.430910	1.387002	3.606776
Stddev	.015956	.17227	.007347	.0007932	.037375	.002116	.032016
%RSD	.2046160	.2791909	.6299648	1.348119	2.611991	.1525302	.8876571

#1	7.795288	61.89512	1.163329	.0593877	1.393824	1.385618	3.594425
#2	7.815065	61.64574	1.160943	.0579300	1.468568	1.389437	3.582775
#3	7.783487	61.56456	1.174693	.0592011	1.430337	1.385950	3.643127

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.31968	3.310829	.2943731	.0088811	2.800469	13.15100	.0204902
Stddev	.07572	.013121	.0020407	.0003102	.016268	.07956	.0017136
%RSD	.1535381	.3962986	.6932466	3.492707	.5808960	.6049369	8.363022

#1	49.35080	3.309031	.2945748	.0085786	2.783112	13.22817	.0224306
#2	49.23336	3.298699	.2922390	.0091984	2.802926	13.15556	.0198555
#3	49.37488	3.324755	.2963055	.0088661	2.815367	13.06926	.0191844

Sample Name: J3382-22 Acquired: 6/15/2018 13:54:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.201689	.1704881	.3673646
Stddev	.011913	.0008598	.0003796
%RSD	.1654187	.5043026	.1033370

#1	7.215188	.1709672	.3672231
#2	7.192647	.1694955	.3677947
#3	7.197232	.1710016	.3670761

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2870.510	3044.102	77745.19	10160.27	3879.624
Stddev	29.232	10.402	265.07	26.28	10.546
%RSD	1.018339	.3416985	.3409515	.2586763	.2718323

#1	2879.871	3037.616	77714.75	10144.31	3878.145
#2	2893.914	3056.100	78024.17	10190.61	3890.831
#3	2837.745	3038.590	77496.65	10145.90	3869.896

Sample Name: J3382-20LX5 Acquired: 6/15/2018 13:58:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0721496	-.001229	.4104910	.0009786	.0029495	26.56793	.3052605
Stddev	.0047789	.003840	.0020213	.0045909	.0012126	.27150	.0017519
%RSD	6.623607	312.4223	.4924034	469.1346	41.11291	1.021900	.5739052

#1	.0767494	-.002507	.4127613	-.001730	.0030865	26.84520	.3072556
#2	.0724898	-.004267	.4088870	.006279	.0016742	26.55601	.3039737
#3	.0672097	.003087	.4098248	-.001614	.0040878	26.30260	.3045520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023129	.0423410	9.902071	.0336489	.0215365	.2309783	50.81621
Stddev	.0000677	.0002703	.073801	.0006694	.0001862	.0040888	.67295
%RSD	2.926243	.6383019	.7453135	1.989312	.8644619	1.770216	1.324281

#1	.0023899	.0426397	9.986186	.0344122	.0216766	.2345442	51.59086
#2	.0022865	.0421133	9.848178	.0331617	.0213252	.2265155	50.48177
#3	.0022625	.0422702	9.871848	.0333730	.0216077	.2318752	50.37601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.539450	13.57161	.0254740	-.004967	.1526392	.0979448	.5945208
Stddev	.001359	.18323	.0001584	.000152	.0345258	.0035886	.0137711
%RSD	.0883076	1.350074	.6218601	3.067192	22.61922	3.663927	2.316332

#1	1.540770	13.76896	.0256557	-.005038	.1557516	.1014722	.5874144
#2	1.538054	13.53898	.0253651	-.004792	.1855035	.0942980	.5857546
#3	1.539526	13.40689	.0254012	-.005070	.1166626	.0980642	.6103933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33691	.6100144	.0642805	.0019745	.5077586	2.952557	.0037902
Stddev	.13663	.0025902	.0017871	.0003537	.0025563	.026576	.0002275
%RSD	1.321739	.4246090	2.780118	17.91366	.5034513	.9000881	6.002129

#1	10.46617	.6129891	.0656375	.0022329	.5097482	2.973041	.0035563
#2	10.35062	.6087968	.0622557	.0021193	.5086521	2.962104	.0038035
#3	10.19395	.6082575	.0649483	.0015714	.5048754	2.922527	.0040107

Sample Name: J3382-20LX5 Acquired: 6/15/2018 13:58:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G52L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.577895	.0357739	.0799987
Stddev	.017729	.0006334	.0004826
%RSD	1.123617	1.770633	.6032202

#1	1.595443	.0362907	.0805007
#2	1.578252	.0350673	.0799570
#3	1.559990	.0359638	.0795383

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.057	2793.144	71120.72	9024.183	4160.006
Stddev	3.189	15.892	63.69	31.694	24.718
%RSD	.1208937	.5689784	.0895582	.3512064	.5941821

#1	2639.047	2794.190	71179.99	8997.111	4169.180
#2	2640.634	2808.487	71128.80	9016.392	4178.826
#3	2634.491	2776.754	71053.37	9059.045	4132.013

Sample Name: J3385-20 Acquired: 6/15/2018 14:02:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1533466	-.002780	3.206347	.0119727	.0245072	94.63807	1.417245
Stddev	.0025575	.003841	.028454	.0034468	.0011879	.53503	.003382
%RSD	1.667766	138.1794	.8874203	28.78843	4.846993	.5653407	.2386429

#1	.1549673	-.000024	3.179914	.0089608	.0249355	95.16683	1.418681
#2	.1503983	-.007168	3.236463	.0112256	.0254215	94.65040	1.419672
#3	.1546740	-.001149	3.202662	.0157318	.0231646	94.09699	1.413382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115880	.1186498	188.5629	.0970690	.0567183	.8852823	129.0515
Stddev	.0003992	.0012055	1.5340	.0009921	.0006507	.0053109	1.4268
%RSD	3.444519	1.016015	.8135145	1.022031	1.147236	.5999078	1.105597

#1	.0120441	.1172893	190.2778	.0959327	.0559682	.8914064	130.6333
#2	.0113029	.1195848	188.0897	.0975115	.0571304	.8824968	128.6598
#3	.0114168	.1190754	187.3213	.0977629	.0570563	.8819436	127.8615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.593144	53.70017	.1061990	.0006032	2.140151	.2491156	2.743131
Stddev	.051573	.62861	.0005288	.0004042	.150866	.0038030	.066620
%RSD	1.122828	1.170595	.4979248	67.01182	7.049298	1.526618	2.428608

#1	4.647061	54.40325	.1056601	.0009013	2.307189	.2529008	2.674671
#2	4.588082	53.50489	.1067170	.0007651	2.013804	.2491511	2.746977
#3	4.544288	53.19238	.1062199	.0001431	2.099460	.2452950	2.807744

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.92810	9.754703	.2844495	.0078061	11.96460	18.38440	.0275477
Stddev	.20642	.164818	.0006565	.0001852	.18885	.52444	.0016012
%RSD	.5909960	1.689622	.2307948	2.372259	1.578447	2.852634	5.812613

#1	35.13153	9.575632	.2849680	.0080163	11.76578	18.98689	.0293940
#2	34.93396	9.900051	.2837114	.0077349	12.14159	18.13606	.0265375
#3	34.71881	9.788426	.2846693	.0076671	11.98644	18.03027	.0267117

Sample Name: J3385-20 Acquired: 6/15/2018 14:02:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.689448	.0999792	.5778846
Stddev	.013094	.0006197	.0027497
%RSD	.7750588	.6198444	.4758205

#1	1.703104	.1006271	.5807840
#2	1.688241	.0999184	.5775556
#3	1.676999	.0993922	.5753142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.814	2910.241	75835.95	9817.340	3724.680
Stddev	15.817	13.117	171.66	285.564	24.966
%RSD	.5760424	.4507329	.2263616	2.908770	.6702763

#1	2753.068	2919.843	75945.15	9488.977	3747.754
#2	2756.704	2895.295	75924.62	9955.446	3698.177
#3	2727.671	2915.584	75638.08	10007.60	3728.109

Sample Name: J3385-21 Acquired: 6/15/2018 14:06:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1502267	-.005124	3.178911	.0123568	.0273086	94.62310	1.419916
Stddev	.0026741	.000907	.004845	.0006170	.0037525	.12929	.002960
%RSD	1.780013	17.69642	.1524122	4.993439	13.74106	.1366318	.2084691

#1	.1477461	-.004914	3.173347	.0118207	.0229779	94.59151	1.422927
#2	.1498747	-.006118	3.182204	.0122184	.0293501	94.76526	1.417010
#3	.1530594	-.004341	3.181181	.0130313	.0295976	94.51254	1.419811

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113401	.1176348	187.7694	.0969697	.0562235	.8863215	128.9999
Stddev	.0000875	.0004812	.4641	.0007021	.0006197	.0044744	.4361
%RSD	.7716190	.4090925	.2471388	.7240639	1.102290	.5048238	.3380319

#1	.0114390	.1172905	188.2838	.0977743	.0562146	.8904742	128.8098
#2	.0113083	.1174293	187.3824	.0966533	.0556083	.8869070	129.4987
#3	.0112729	.1181847	187.6418	.0964815	.0568477	.8815832	128.6911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.603032	53.55156	.1061539	.0005949	2.208598	.2471991	2.766403
Stddev	.016693	.28194	.0006631	.0003220	.110256	.0015527	.012888
%RSD	.3626599	.5264794	.6246233	54.13218	4.992111	.6281332	.4658773

#1	4.621747	53.28742	.1066841	.0004396	2.331633	.2460253	2.781277
#2	4.597669	53.84844	.1054104	.0009652	2.118742	.2466124	2.758531
#3	4.589678	53.51882	.1063671	.0003800	2.175420	.2489597	2.759402

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.89092	9.671961	.2842207	.0079522	11.82312	18.02735	.0265446
Stddev	.04543	.074353	.0017509	.0000856	.10434	.04171	.0006750
%RSD	.1302006	.7687434	.6160495	1.076273	.8825418	.2313861	2.542845

#1	34.94120	9.691874	.2839030	.0078549	11.82608	18.06329	.0271287
#2	34.85284	9.589679	.2861087	.0079865	11.71733	18.03714	.0258056
#3	34.87871	9.734329	.2826503	.0080154	11.92595	17.98161	.0266994

Sample Name: J3385-21 Acquired: 6/15/2018 14:06:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.683714	.0997728	.5767415
Stddev	.001272	.0000998	.0021286
%RSD	.0755190	.1000010	.3690798

#1	1.683090	.0996585	.5791070
#2	1.685178	.0998176	.5749804
#3	1.682876	.0998424	.5761371

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2761.436	2939.863	76235.99	9999.957	3760.321
Stddev	4.974	3.712	81.98	33.288	4.291
%RSD	.1801207	.1262779	.1075347	.3328769	.1141211

#1	2765.017	2944.130	76231.99	9978.979	3765.156
#2	2755.757	2938.093	76319.90	9982.553	3758.843
#3	2763.534	2937.367	76156.09	10038.34	3756.964

Sample Name: J3385-22 Acquired: 6/15/2018 14:10:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2119666	.0884951	3.138625	.0989162	.1950409	96.42863	5.111796
Stddev	.0051520	.0016859	.008986	.0048760	.0015163	.22119	.023381
%RSD	2.430588	1.905038	.2862952	4.929444	.7774172	.2293797	.4573905

#1	.2165966	.0887629	3.128692	.0962358	.1933654	96.68124	5.138169
#2	.2128867	.0900311	3.146188	.1045444	.1954386	96.26966	5.103614
#3	.2064165	.0866914	3.140994	.0959684	.1963187	96.33500	5.093606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0981203	.2118787	183.6491	.4597725	1.065028	1.329660	126.9447
Stddev	.0004216	.0006704	.6567	.0009066	.007327	.001793	.4835
%RSD	.4296704	.3164239	.3575610	.1971793	.6879698	.1348506	.3808430

#1	.0985023	.2112052	183.6119	.4598238	1.056746	1.330618	127.2275
#2	.0981907	.2118848	183.0119	.4606523	1.067674	1.330770	126.3865
#3	.0976680	.2125461	184.3236	.4588413	1.070665	1.327591	127.2202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.425188	51.92315	1.128648	.0826829	1.975324	1.175407	3.579501
Stddev	.020822	.44637	.005591	.0004494	.093109	.009475	.023999
%RSD	.3838075	.8596668	.4953901	.5435195	4.713631	.8060690	.6704489

#1	5.438414	52.20521	1.122371	.0831227	2.076600	1.186272	3.578828
#2	5.401186	51.40852	1.130477	.0822245	1.893433	1.168868	3.555846
#3	5.435964	52.15571	1.133095	.0827015	1.955939	1.171080	3.603829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.27528	9.422331	.2758666	.0082330	11.52738	17.69390	.0257567
Stddev	.00977	.021167	.0025052	.0001379	.03685	.06080	.0024758
%RSD	.0285184	.2246518	.9081184	1.675361	.3197126	.3436220	9.612210

#1	34.26475	9.411226	.2762527	.0083704	11.50400	17.69152	.0283092
#2	34.27703	9.409027	.2731908	.0080946	11.50827	17.75585	.0255957
#3	34.28406	9.446740	.2781564	.0082341	11.56986	17.63432	.0233654

Sample Name: J3385-22 Acquired: 6/15/2018 14:10:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FP2S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.654730	.1001404	.5663348
Stddev	.005284	.0000269	.0025616
%RSD	.3193478	.0268917	.4523159

#1	1.654289	.1001099	.5692890
#2	1.649680	.1001608	.5647302
#3	1.660221	.1001506	.5649852

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2735.877	2904.338	75620.51	9920.958	3742.181
Stddev	7.253	27.029	196.64	47.645	29.832
%RSD	.2651232	.9306298	.2600418	.4802480	.7971878

#1	2735.740	2930.954	75846.70	9869.706	3771.747
#2	2743.198	2905.147	75524.62	9929.262	3742.706
#3	2728.693	2876.915	75490.21	9963.905	3712.090

Sample Name: J3385-20LX5 Acquired: 6/15/2018 14:13:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0351964	-.001147	.5880258	.0018418	.0058937	20.76286	.3077952
Stddev	.0019107	.001083	.0136197	.0018117	.0006455	.13749	.0013118
%RSD	5.428521	94.42062	2.316171	98.36849	10.95158	.6622001	.4261963

#1	.0370700	-.002394	.6030083	.0001302	.0051493	20.60658	.3063883
#2	.0352686	-.000432	.5846743	.0016557	.0062977	20.86520	.3089848
#3	.0332508	-.000616	.5763947	.0037393	.0062342	20.81681	.3080123

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025772	.0212527	40.88498	.0218297	.0093700	.1966800	28.81952
Stddev	.0000113	.0005128	.26852	.0001501	.0003121	.0029482	.18106
%RSD	.4373543	2.412736	.6567627	.6878123	3.330719	1.498970	.6282381

#1	.0025830	.0218114	40.60011	.0216625	.0096681	.1947584	28.67290
#2	.0025642	.0211432	41.13343	.0219530	.0093963	.2000744	29.02190
#3	.0025843	.0208035	40.92138	.0218735	.0090456	.1952072	28.76377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.024924	11.75553	.0191498	.0003107	.3776694	.0543436	.5892772
Stddev	.003530	.11815	.0004076	.0003709	.3718263	.0047413	.0079630
%RSD	.3443992	1.005040	2.128373	119.3854	98.45288	8.724714	1.351316

#1	1.021292	11.66430	.0195613	.0002271	-.047160	.0489112	.5966702
#2	1.028342	11.88899	.0191419	-.000011	.643886	.0576489	.5903154
#3	1.025137	11.71331	.0187462	.000716	.536282	.0564707	.5808460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.173098	1.756957	.0615535	.0015670	2.086109	4.056832	.0043973
Stddev	.097429	.044535	.0011907	.0004083	.060446	.011475	.0004101
%RSD	1.358259	2.534774	1.934362	26.05470	2.897534	.2828645	9.326274

#1	7.060972	1.800935	.0609482	.0020359	2.145207	4.043749	.0048694
#2	7.237115	1.758050	.0629252	.0013746	2.088721	4.061555	.0041936
#3	7.221206	1.711885	.0607871	.0012905	2.024400	4.065193	.0041289

Sample Name: J3385-20LX5 Acquired: 6/15/2018 14:13:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FP2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3698070	.0203097	.1258644
Stddev	.0039901	.0002224	.0006675
%RSD	1.078974	1.095055	.5303648

#1	.3653802	.0203805	.1252043
#2	.3709144	.0200605	.1265391
#3	.3731265	.0204880	.1258499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.588	2735.074	70451.35	8969.518	4115.370
Stddev	14.110	1.722	257.85	24.809	9.735
%RSD	.5442261	.0629533	.3659911	.2765873	.2365486

#1	2576.332	2736.932	70158.63	8996.512	4108.312
#2	2599.780	2733.532	70644.83	8964.325	4111.323
#3	2601.653	2734.758	70550.59	8947.717	4126.476

Sample Name: CCV024 Acquired: 6/15/2018 14:17:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.824293	4.704077	23.73277	4.821059	4.849832	400.0379
Stddev	.016577	.023689	.05269	.025632	.017282	2.7087
%RSD	.3436172	.5035910	.2220047	.5316627	.3563495	.6770984

#1	4.833227	4.728828	23.79049	4.835323	4.867853	400.6890
#2	4.805165	4.681616	23.72059	4.836385	4.833398	402.3617
#3	4.834487	4.701787	23.68725	4.791468	4.848245	397.0630

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.838651	.4946845	2.378873	389.4114	14.96390	2.400173
Stddev	.045883	.0070957	.003842	2.2083	.09481	.005742
%RSD	.4663588	1.434395	.1614978	.5670875	.6336034	.2392331

#1	9.853221	.4966739	2.382876	390.9357	14.90878	2.403959
#2	9.875481	.5005731	2.378527	390.4194	15.07338	2.402994
#3	9.787252	.4868063	2.375215	386.8789	14.90954	2.393566

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78292	397.4672	14.35439	396.4567	2.425848	1.205298
Stddev	.09581	4.1524	.10525	4.4281	.009429	.007931
%RSD	.6481376	1.044706	.7332363	1.116931	.3886762	.6579741

#1	14.84802	397.6526	14.44012	396.3575	2.434496	1.204724
#2	14.82784	401.5239	14.38613	400.9336	2.427251	1.213499
#3	14.67290	393.2253	14.23692	392.0789	2.415796	1.197669

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	387.0492	2.480791	14.71345	150.5228	F 6.316445	5.074504
Stddev	2.6368	.009405	.12859	1.2790	.018374	.054683
%RSD	.6812507	.3791139	.8739618	.8496957	.2908876	1.077611

#1	387.1123	2.479889	14.64620	151.2129	6.325527	5.079629
#2	389.6539	2.490614	14.86172	151.3085	6.295299	5.126445
#3	384.3815	2.471869	14.63242	149.0469	6.328510	5.017439

Sample Name: CCV024 Acquired: 6/15/2018 14:17:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.807076	4.993098	4.861812	4.868325	4.928331	4.973370
Stddev	.003894	.013006	.057921	.013004	.035682	.024288
%RSD	.0810148	.2604841	1.191341	.2671228	.7240085	.4883615

#1	4.809540	5.001673	4.880251	4.881017	4.934390	4.974850
#2	4.802586	4.978133	4.908268	4.868928	4.960595	4.996883
#3	4.809102	4.999488	4.796916	4.855029	4.890008	4.948375

Elem	Sr4077
Units	ppm
Avg	4.948563
Stddev	.037354
%RSD	.7548467

#1	4.970554
#2	4.969702
#3	4.905433

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.757	2243.001	59964.96	8169.680	3153.504
Stddev	17.991	1.958	446.81	79.275	5.406
%RSD	.8403902	.0872762	.7451114	.9703576	.1714312

#1	2144.949	2241.063	60368.90	8132.769	3147.448
#2	2121.040	2244.978	59485.03	8115.592	3155.222
#3	2156.281	2242.964	60040.94	8260.681	3157.843

Sample Name: CCB024 Acquired: 6/15/2018 14:21:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008297	-.002238	.0003656	-.002440	-.000037	-.006408	-.001262
Stddev	.0026835	.000311	.0007923	.001256	.000155	.004484	.000156
%RSD	323.4351	13.90644	216.7287	51.48223	417.5245	69.97262	12.36514

#1	.0029983	-.001971	.0005373	-.003876	.000072	-.002640	-.001179
#2	.0016623	-.002163	.0010579	-.001902	.000031	-.005217	-.001165
#3	-.002171	-.002579	-.000499	-.001543	-.000215	-.011368	-.001442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000059	.0032316	.0000867	.0001201	.0014452	.0062038
Stddev	.000075	.000061	.0031175	.0001388	.0000946	.0014339	.0075255
%RSD	541.9710	103.0957	96.46777	160.1378	78.76048	99.22028	121.3063

#1	-.000032	-.000071	.0040418	-.000023	.0000482	.0028808	-.002469
#2	-.000078	-.000112	.0058641	.000041	.0000848	.0000131	.011012
#3	.000068	.000007	-.000211	.000243	.0002272	.0014415	.010068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002711	.0307585	-.000291	.0002783	-.264870	.0025321	.0019834
Stddev	.0005928	.0427052	.000130	.0001267	.042150	.0016757	.0067597
%RSD	218.6183	138.8403	44.63230	45.52062	15.91353	66.18045	340.8210

#1	.0005320	.0323321	-.000379	.0003773	-.225868	.0024098	.0072427
#2	-.000407	.0726551	-.000352	.0001355	-.259156	.0042657	.0043485
#3	.000689	-.012712	-.000142	.0003221	-.309585	.0009208	-.005641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.245961	-.001852	.0008490	.0000266	-.016464	-.002400	.0002170
Stddev	.038469	.001099	.0005947	.0001253	.001535	.000104	.0001170
%RSD	15.64023	59.31907	70.05290	470.7414	9.321634	4.327065	53.90899

#1	-.289704	-.001541	.0008463	.0000795	-.017373	-.002304	.0002534
#2	-.217398	-.000943	.0014450	.0001168	-.014692	-.002384	.0003115
#3	-.230781	-.003072	.0002556	-.000117	-.017327	-.002510	.0000862

Sample Name: CCB024 Acquired: 6/15/2018 14:21:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010532	-.000464	-.000021
Stddev	.0006970	.001092	.000064
%RSD	66.18372	235.2682	307.0508

#1	.0003121	.000328	.000025
#2	.0016957	-.001710	-.000094
#3	.0011518	-.000011	.000006

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.718	2696.296	69078.60	8689.033	4241.333
Stddev	18.349	30.113	49.43	4.472	39.774
%RSD	.7199112	1.116832	.0715622	.0514626	.9377688

#1	2553.329	2714.335	69116.95	8690.450	4261.045
#2	2528.504	2713.021	69096.05	8692.625	4267.401
#3	2564.322	2661.533	69022.81	8684.025	4195.553

Sample Name: PB110182BL Acquired: 6/15/2018 14:25:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	-.002724	-.001002	-.000035	-.002848	.0001047	.0019416	-.002023
Stddev	.005941	.001673	.000556	.003682	.0018050	.0083370	.000515
%RSD	218.0595	167.0195	1575.380	129.2750	1724.371	429.3972	25.46338

#1	.001687	.000387	.000493	.000571	.0010497	.0010100	-.002618
#2	-.000381	-.000533	-.000616	-.006747	-.001977	.0107052	-.001737
#3	-.009479	-.002859	.000018	-.002369	.001241	-.005891	-.001715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000311	-.000107	.0011697	.0001482	-.000011	-.002425	.0037538
Stddev	.0000336	.000058	.0082332	.0002803	.000308	.001213	.0093863
%RSD	107.8410	54.42054	703.8569	189.1408	2771.158	50.01477	250.0480

#1	.0000012	-.000104	.0031195	.0000813	-.000018	-.003765	.0120059
#2	.0000674	-.000051	-.007863	-.000093	-.000316	-.002106	-.006458
#3	.0000248	-.000167	.008253	.000456	.000301	-.001403	.005713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	.0447446	-.000078	.0001510	-.139623	.0047026	.0022995
Stddev	.000312	.0082823	.000123	.0000611	.074011	.0042792	.0027323
%RSD	345.3237	18.51023	157.9189	40.45071	53.00745	90.99647	118.8187

#1	.000225	.0353661	-.000180	.0002215	-.114051	.0095963	.0018307
#2	-.000398	.0478124	.000059	.0001146	-.223029	.0016635	-.000168
#3	-.000097	.0510553	-.000112	.0001169	-.081789	.0028480	.005236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.296861	-.001143	-.000975	.0000832	-.016772	-.003264	-.000470
Stddev	.035871	.000366	.000582	.0001768	.002298	.000885	.000714
%RSD	12.08331	32.01292	59.70996	212.5142	13.70329	27.10613	151.9072

#1	-.324413	-.001401	-.001336	.0000472	-.018782	-.002788	-.000911
#2	-.309868	-.000724	-.001287	-.000073	-.014266	-.002719	-.000854
#3	-.256301	-.001304	-.000303	.000275	-.017266	-.004285	.000354

Sample Name: PB110182BL Acquired: 6/15/2018 14:25:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009541	-.000407	.0000208
Stddev	.0012453	.000528	.0000125
%RSD	130.5166	129.6043	59.89364

#1	.0001444	-.000817	.0000343
#2	.0003299	.000189	.0000186
#3	.0023881	-.000595	.0000096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.423	2710.289	68471.03	8694.317	4262.798
Stddev	44.793	4.707	1108.58	23.229	6.967
%RSD	1.773700	.1736739	1.619051	.2671688	.1634263

#1	2541.476	2711.002	68998.88	8678.250	4266.405
#2	2474.816	2714.600	67197.17	8683.750	4267.221
#3	2559.979	2705.267	69217.05	8720.950	4254.768

Sample Name: PB110182BS Acquired: 6/15/2018 14:30:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175640	.0486668	.0189214	.0673232	.1095454	.3923604
Stddev	.0010824	.0028296	.0015799	.0014996	.0021095	.0036222
%RSD	6.162541	5.814284	8.349630	2.227528	1.925702	.9231926

#1	.0184626	.0516818	.0205589	.0655918	.1082780	.3952990
#2	.0178670	.0482498	.0174063	.0682123	.1083777	.3934686
#3	.0163624	.0460688	.0187991	.0681656	.1119806	.3883134

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3697737	.0097829	.0092457	9.295925	.0208285	.0898739
Stddev	.0083094	.0002755	.0000794	.179036	.0004593	.0000332
%RSD	2.247173	2.816325	.8586994	1.925964	2.205163	.0369348

#1	.3745984	.0095544	.0091662	9.368678	.0203141	.0898540
#2	.3745439	.0097056	.0092458	9.427132	.0211977	.0899122
#3	.3601788	.0100889	.0093250	9.091965	.0209737	.0898555

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478574	.2190005	.0307489	9.090844	.0760883	.0182657
Stddev	.0038738	.0043115	.0009497	.060275	.0004090	.0005647
%RSD	8.094573	1.968710	3.088431	.6630326	.5375035	3.091595

#1	.0517725	.2140741	.0312841	9.157096	.0765214	.0188434
#2	.0477735	.2220857	.0313102	9.076189	.0757087	.0182386
#3	.0440262	.2208417	.0296524	9.039248	.0760348	.0177150

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.806256	.1007726	.1098044	8.810137	F .0075667	F .0163737
Stddev	.142087	.0047844	.0087257	.227904	.0003582	.0012655
%RSD	1.613483	4.747680	7.946599	2.586842	4.733937	7.728704

#1	8.956062	.1061794	.1146865	8.978819	.0072324	.0161894
#2	8.789299	.0990515	.1149964	8.900724	.0079447	.0152105
#3	8.673408	.0970868	.0997304	8.550867	.0075229	.0177212

Sample Name: PB110182BS Acquired: 6/15/2018 14:30:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193139	.1424995	.1817506	F .0132645	.1863935	.0876685
Stddev	.0004685	.0004038	.0047375	.0005324	.0039398	.0028314
%RSD	2.425934	.2833857	2.606579	4.013639	2.113713	3.229716

#1	.0192530	.1424016	.1785206	.0126929	.1877113	.0901852
#2	.0188788	.1429433	.1795422	.0137463	.1895055	.0882174
#3	.0198099	.1421536	.1871891	.0133543	.1819637	.0846028

Elem	Sr4077
Units	ppm
Avg	.1873867
Stddev	.0050226
%RSD	2.680358

#1	.1905990
#2	.1899624
#3	.1815987

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.194	2680.625	68097.16	8602.329	4184.184
Stddev	13.019	3.976	364.20	140.998	7.581
%RSD	.5153611	.1483191	.5348234	1.639067	.1811858

#1	2520.417	2682.238	67692.15	8665.720	4184.719
#2	2517.064	2683.541	68397.72	8700.505	4191.483
#3	2541.102	2676.096	68201.62	8440.762	4176.349

Sample Name: J3387-01 Acquired: 6/15/2018 14:34:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0848687	-.003839	1.125571	.0054430	.0099998	55.43864	.8064341
Stddev	.0044356	.002954	.002410	.0040541	.0004052	.02947	.0035868
%RSD	5.226445	76.95737	.2140937	74.48359	4.052455	.0531599	.4447744

#1	.0846964	-.000932	1.123339	.0097842	.0100345	55.46162	.8104922
#2	.0893879	-.003746	1.128126	.0017555	.0095783	55.40541	.8036882
#3	.0805217	-.006839	1.125247	.0047892	.0103866	55.44888	.8051218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056787	.0531064	104.4595	.0670660	.0413134	.4005128	98.84215
Stddev	.0001423	.0002204	.1414	.0004041	.0000794	.0057018	.27785
%RSD	2.506374	.4150333	.1353998	.6025187	.1921162	1.423618	.2811032

#1	.0055299	.0530594	104.6119	.0674586	.0412229	.4069000	98.60443
#2	.0058134	.0529133	104.4343	.0670882	.0413462	.3987027	98.77441
#3	.0056929	.0533466	104.3324	.0666513	.0413712	.3959359	99.14760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.030651	41.49668	.0576497	-.007823	.8821544	.2096389	.9922209
Stddev	.013437	.35192	.0008476	.000440	.0985672	.0037335	.0091478
%RSD	.4433716	.8480732	1.470234	5.625626	11.17346	1.780928	.9219501

#1	3.037642	41.26160	.0567441	-.007755	.9511203	.2133872	.9957254
#2	3.015160	41.32718	.0584240	-.008294	.9260822	.2096092	.9990982
#3	3.039151	41.90128	.0577808	-.007421	.7692605	.2059203	.9818389

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.85184	3.683115	.2186385	.0045579	5.977197	13.48280	.0066857
Stddev	.06726	.018940	.0026289	.0002714	.013865	.06588	.0008596
%RSD	.2601883	.5142311	1.202380	5.955368	.2319637	.4886190	12.85755

#1	25.80795	3.670123	.2211054	.0042971	5.972791	13.44026	.0065228
#2	25.92928	3.674376	.2158731	.0048389	5.966070	13.55869	.0076151
#3	25.81829	3.704847	.2189371	.0045377	5.992729	13.44946	.0059191

Sample Name: J3387-01 Acquired: 6/15/2018 14:34:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.254089	.0831928	.4945575
Stddev	.005075	.0005562	.0009063
%RSD	.2251535	.6685326	.1832633

#1	2.257891	.0838350	.4955967
#2	2.256050	.0828777	.4941454
#3	2.248326	.0828658	.4939305

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2653.437	2794.670	72742.60	9377.114	3925.364
Stddev	15.771	2.295	162.47	27.801	6.317
%RSD	.5943462	.0821285	.2233512	.2964795	.1609275

#1	2635.227	2792.369	72573.11	9406.675	3930.187
#2	2662.430	2796.960	72757.69	9373.175	3927.692
#3	2662.655	2794.680	72897.01	9351.492	3918.214

Sample Name: J3387-02 Acquired: 6/15/2018 14:38:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1137593	-.006900	1.667381	.0041072	.0059565	75.69285	.7544488
Stddev	.0014459	.003906	.009030	.0055002	.0026160	.22061	.0019867
%RSD	1.271018	56.60254	.5415522	133.9169	43.91854	.2914488	.2633342

#1	.1153912	-.004242	1.671045	-.000170	.0029649	75.90662	.7566716
#2	.1126381	-.005074	1.674003	.010312	.0070898	75.70595	.7528459
#3	.1132484	-.011385	1.657095	.002180	.0078147	75.46599	.7538290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170791	.0494178	110.6522	.0563636	.0455044	.2187958	95.63895
Stddev	.0000890	.0001492	.3476	.0002512	.0004916	.0042653	.44046
%RSD	.5213209	.3019148	.3141492	.4456334	1.080374	1.949425	.4605436

#1	.0169880	.0493870	111.0248	.0564827	.0457057	.2236583	95.96427
#2	.0171659	.0495800	110.3366	.0565331	.0458634	.2170427	95.81485
#3	.0170833	.0492864	110.5951	.0560750	.0449440	.2156865	95.13772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.753521	36.10963	.0687776	-.010303	.6098512	.1767034	.7112011
Stddev	.007542	.19357	.0003926	.000301	.0396323	.0009833	.0115583
%RSD	.2739211	.5360616	.5708006	2.916707	6.498683	.5564601	1.625180

#1	2.759694	36.31096	.0687753	-.010058	.5763549	.1755707	.7095661
#2	2.745114	35.92489	.0691713	-.010639	.5995953	.1773385	.7005473
#3	2.755756	36.09302	.0683862	-.010213	.6536034	.1772008	.7234898

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.53466	1.945451	.1396796	.0034368	2.152274	11.95883	.0110937
Stddev	.02019	.004850	.0013156	.0001145	.002540	.10864	.0007714
%RSD	.0760881	.2492938	.9418359	3.331029	.1179965	.9084886	6.953178

#1	26.52393	1.948995	.1408023	.0033174	2.151521	11.96700	.0119250
#2	26.55795	1.947435	.1382320	.0034474	2.155105	12.06316	.0104011
#3	26.52210	1.939924	.1400045	.0035456	2.150196	11.84633	.0109550

Sample Name: J3387-02 Acquired: 6/15/2018 14:38:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9396779	.0688879	.3279637
Stddev	.0031260	.0006480	.0006073
%RSD	.3326649	.9405967	.1851889

#1	.9431930	.0689017	.3285792
#2	.9372100	.0682331	.3273648
#3	.9386307	.0695288	.3279470

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3007.922	3176.668	81825.79	10695.82	3874.810
Stddev	14.321	8.841	53.90	53.57	17.940
%RSD	.4761008	.2783017	.0658770	.5008715	.4629790

#1	2993.614	3166.482	81787.87	10692.33	3860.438
#2	3022.256	3181.173	81887.50	10644.08	3869.077
#3	3007.895	3182.348	81802.02	10751.05	3894.915

Sample Name: J3387-03 Acquired: 6/15/2018 14:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0999020	-.002608	1.644527	.0064420	.0074453	64.77768	.8973003
Stddev	.0049292	.004565	.057249	.0018276	.0015744	.16959	.0024246
%RSD	4.934089	175.0481	3.481210	28.37081	21.14632	.2617990	.2702087

#1	.1026358	-.006413	1.603391	.0055796	.0063879	64.59685	.8986665
#2	.1028586	-.003864	1.709910	.0085412	.0092548	64.80303	.8945009
#3	.0942116	.002453	1.620281	.0052051	.0066933	64.93317	.8987336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128442	.0824652	98.87931	.0643497	.0443336	.4981166	97.97859
Stddev	.0000917	.0029303	.51848	.0004354	.0016480	.0047632	.71727
%RSD	.7136974	3.553374	.5243538	.6766734	3.717369	.9562487	.7320725

#1	.0127935	.0804282	99.32695	.0648200	.0430796	.4960720	97.15230
#2	.0127891	.0858235	98.31120	.0639605	.0462002	.4947169	98.44083
#3	.0129500	.0811438	98.99977	.0642687	.0437210	.5035607	98.34264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.480428	37.39594	.0722739	-.005660	.7221945	.2039887	1.137013
Stddev	.014480	.18142	.0020122	.000416	.0345715	.0065667	.014328
%RSD	.4160267	.4851399	2.784186	7.341219	4.787000	3.219150	1.260131

#1	3.496561	37.18751	.0716323	-.005838	.6918302	.2041199	1.142281
#2	3.476163	37.51832	.0745287	-.005957	.7598197	.1973574	1.147960
#3	3.468560	37.48201	.0706607	-.005185	.7149337	.2104888	1.120796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.53652	3.497335	.1723179	.0060143	9.486262	13.35823	.0160282
Stddev	.06952	.115020	.0015009	.0000755	.311446	.03153	.0024304
%RSD	.2722389	3.288796	.8709786	1.254618	3.283127	.2360261	15.16343

#1	25.58493	3.435691	.1707041	.0060085	9.307869	13.35607	.0149325
#2	25.45686	3.630038	.1736719	.0060925	9.845885	13.32784	.0188136
#3	25.56779	3.426277	.1725778	.0059419	9.305032	13.39078	.0143385

Sample Name: J3387-03 Acquired: 6/15/2018 14:42:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FX8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.113742	.0704059	.3820728
Stddev	.002791	.0006315	.0010897
%RSD	.2505830	.8969159	.2852033

#1	1.112024	.0699437	.3828280
#2	1.112239	.0701485	.3808236
#3	1.116962	.0711254	.3825667

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2921.365	3070.959	80468.24	10515.61	3845.542
Stddev	9.420	60.576	355.58	11.54	103.510
%RSD	.3224643	1.972550	.4418833	.1097148	2.691694

#1	2919.791	3115.816	80482.05	10521.90	3920.717
#2	2912.832	3002.051	80105.96	10522.63	3727.481
#3	2931.474	3095.011	80816.71	10502.29	3888.427

Sample Name: J3387-04 Acquired: 6/15/2018 14:46:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0930076	-.004791	1.186646	.0080202	.0066733	81.01339	.8858638
Stddev	.0047680	.004014	.002247	.0028094	.0023494	.20432	.0004034
%RSD	5.126462	83.78274	.1893274	35.02913	35.20649	.2522022	.0455382

#1	.0973412	-.009357	1.184143	.0112277	.0084399	80.82759	.8854236
#2	.0937817	-.001821	1.187307	.0059964	.0075730	80.98036	.8862158
#3	.0878999	-.003195	1.188488	.0068364	.0040070	81.23220	.8859519

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136951	.0558521	87.40132	.0677686	.0546820	.4682793	115.0118
Stddev	.0001675	.0000765	.01357	.0000756	.0003313	.0039827	.2829
%RSD	1.222717	.1369389	.0155208	.1114954	.6058428	.8504883	.2459627

#1	.0135038	.0559284	87.39426	.0677480	.0548955	.4683993	114.7329
#2	.0138148	.0558524	87.39274	.0677055	.0543004	.4722007	115.0038
#3	.0137669	.0557754	87.41696	.0678523	.0548502	.4642381	115.2985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.501234	47.45835	.0889503	-.011053	1.004580	.2212306	1.000958
Stddev	.007952	.07487	.0005232	.000321	.144292	.0036645	.014767
%RSD	.2271069	.1577643	.5881440	2.902476	14.36346	1.656433	1.475289

#1	3.498916	47.38237	.0883759	-.010700	1.166034	.2245281	1.010007
#2	3.510087	47.53206	.0890754	-.011133	.959489	.2172854	.983917
#3	3.494700	47.46061	.0893996	-.011327	.888218	.2218782	1.008949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.24050	2.702484	.1846469	.0051016	5.175730	14.92061	.0136053
Stddev	.14643	.009008	.0008371	.0000824	.004245	.07582	.0001537
%RSD	.4842236	.3333302	.4533429	1.615184	.0820168	.5081892	1.129654

#1	30.08567	2.695362	.1853504	.0051214	5.171623	14.83583	.0134923
#2	30.37676	2.699479	.1837211	.0050111	5.180100	14.94404	.0137803
#3	30.25908	2.712610	.1848693	.0051723	5.175466	14.98195	.0135433

Sample Name: J3387-04 Acquired: 6/15/2018 14:46:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.298653	.1001087	.3809333
Stddev	.007899	.0011935	.0007934
%RSD	.6082725	1.192219	.2082734

#1	1.291777	.0989282	.3803616
#2	1.296902	.1013148	.3818391
#3	1.307281	.1000832	.3805992

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.955	3050.952	79131.68	10271.26	3880.011
Stddev	15.050	2.496	259.59	21.16	5.518
%RSD	.5205994	.0818093	.3280502	.2060402	.1422218

#1	2878.392	3048.073	78835.14	10295.01	3880.371
#2	2907.636	3052.271	79242.11	10264.39	3885.341
#3	2886.837	3052.511	79317.81	10254.39	3874.322

Sample Name: J3387-05 Acquired: 6/15/2018 14:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1111819	-.004032	1.555631	.0018361	.0048356	82.30074	.9628166
Stddev	.0017766	.003175	.003451	.0028541	.0012689	1.28348	.0140522
%RSD	1.597899	78.76214	.2218685	155.4385	26.24138	1.559505	1.459492

#1	.1101777	-.000504	1.552906	.0018988	.0053551	81.57369	.9547020
#2	.1101349	-.004930	1.559512	.0046584	.0033893	81.54583	.9547051
#3	.1132332	-.006661	1.554476	-.001049	.0057623	83.78269	.9790427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158892	.0455593	75.10162	.0665121	.0504144	.2471932	106.6084
Stddev	.0000406	.0000638	1.13364	.0004129	.0005669	.0056793	1.8528
%RSD	.2555969	.1399917	1.509472	.6208497	1.124486	2.297517	1.737952

#1	.0158667	.0455778	74.61816	.0666059	.0500558	.2466315	105.4761
#2	.0158647	.0456118	74.28986	.0668700	.0510679	.2418156	105.6026
#3	.0159361	.0454883	76.39684	.0660603	.0501194	.2531325	108.7466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.532536	36.75405	.0758630	-.011665	.8666018	.1935739	.7079809
Stddev	.049489	.74494	.0001088	.000370	.0395656	.0058877	.0052053
%RSD	1.400945	2.026813	.1433510	3.175811	4.565600	3.041562	.7352378

#1	3.514466	36.42552	.0757430	-.012016	.8351346	.1917121	.7023180
#2	3.494621	36.22986	.0758908	-.011701	.8536508	.1888423	.7125572
#3	3.588520	37.60678	.0759551	-.011277	.9110198	.2001674	.7090674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.14794	2.297548	.1584973	.0025274	2.365815	15.09517	.0125804
Stddev	.48740	.013064	.0039156	.0000377	.010207	.13276	.0001471
%RSD	1.731553	.5686132	2.470448	1.490701	.4314218	.8794734	1.169186

#1	27.88109	2.297903	.1545112	.0025654	2.359008	15.01154	.0127338
#2	27.85223	2.284310	.1586423	.0024901	2.360887	15.02572	.0124405
#3	28.71049	2.310431	.1623384	.0025266	2.377551	15.24824	.0125670

Sample Name: J3387-05 Acquired: 6/15/2018 14:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.115856	.0727475	.3103718
Stddev	.015727	.0014772	.0051476
%RSD	1.409417	2.030534	1.658530

#1	1.106017	.0723896	.3084261
#2	1.107558	.0714822	.3064806
#3	1.133995	.0743708	.3162086

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2969.513	3146.796	81246.21	10463.99	3908.839
Stddev	12.457	1.606	237.07	133.51	3.441
%RSD	.4195016	.0510398	.2917929	1.275901	.0880251

#1	2976.898	3146.393	81317.08	10552.69	3910.923
#2	2976.511	3148.566	81439.76	10528.84	3910.726
#3	2955.131	3145.430	80981.78	10310.44	3904.867

Sample Name: J3387-06 Acquired: 6/15/2018 14:54:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1376616	-.004328	2.775876	.0045305	.0120167	68.59477	.7289714
Stddev	.0037950	.002271	.007286	.0006859	.0007030	.16903	.0023684
%RSD	2.756787	52.47769	.2624718	15.13857	5.850292	.2464212	.3248944

#1	.1332914	-.001860	2.771051	.0044548	.0127881	68.67687	.7316881
#2	.1395667	-.006331	2.772320	.0038856	.0114121	68.70708	.7273409
#3	.1401267	-.004792	2.784257	.0052510	.0118498	68.40037	.7278853

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118494	.1198236	80.14538	.0615417	.0423318	.5379620	94.38792
Stddev	.0000748	.0003688	.08875	.0009755	.0002800	.0013607	.53253
%RSD	.6311423	.3077956	.1107379	1.585039	.6613352	.2529423	.5641967

#1	.0118492	.1195120	80.20424	.0607222	.0421056	.5384788	94.82633
#2	.0119243	.1197280	80.04330	.0612822	.0422448	.5389887	94.54214
#3	.0117747	.1202308	80.18861	.0626206	.0426449	.5364186	93.79530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.122955	35.21782	.0661611	-.000110	.5632933	.1750026	1.534455
Stddev	.011246	.08775	.0010439	.000182	.0249614	.0030871	.022609
%RSD	.3601097	.2491622	1.577816	165.9547	4.431340	1.764044	1.473395

#1	3.113958	35.24731	.0667110	-.000159	.5346323	.1738980	1.549960
#2	3.135563	35.28703	.0649572	.000092	.5749806	.1784901	1.508513
#3	3.119344	35.11913	.0668151	-.000262	.5802669	.1726197	1.544890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.57468	2.368344	.1583107	.0037711	5.173841	13.85027	.0189456
Stddev	.07954	.008890	.0020049	.0002078	.018597	.06087	.0000941
%RSD	.3236662	.3753728	1.266433	5.511384	.3594373	.4394931	.4969396

#1	24.60252	2.361111	.1594970	.0039453	5.152393	13.82096	.0188538
#2	24.63656	2.365652	.1594393	.0035410	5.183658	13.80959	.0190420
#3	24.48496	2.378269	.1559959	.0038269	5.185473	13.92025	.0189411

Sample Name: J3387-06 Acquired: 6/15/2018 14:54:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FY1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.177628	.0675020	.3053255
Stddev	.002993	.0005547	.0007617
%RSD	.2541291	.8217484	.2494730

#1	1.179045	.0680881	.3051494
#2	1.179649	.0674326	.3061598
#3	1.174190	.0669852	.3046672

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2921.361	3099.365	80513.46	10486.19	3914.800
Stddev	14.900	6.159	593.81	23.14	3.622
%RSD	.5100439	.1987274	.7375299	.2206527	.0925156

#1	2929.013	3096.822	80838.93	10459.66	3916.846
#2	2930.880	3106.389	80873.38	10496.68	3916.935
#3	2904.189	3094.885	79828.08	10502.22	3910.618

Sample Name: J3387-07 Acquired: 6/15/2018 14:58:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2335449	-.006055	4.463088	.0122668	.0161584	125.9458	1.232556
Stddev	.0040032	.001713	.040552	.0033297	.0024638	11.6525	.114746
%RSD	1.714105	28.28762	.9086138	27.14431	15.24795	9.252016	9.309582

#1	.2361006	-.004298	4.501289	.0143202	.0188434	119.5800	1.167855
#2	.2289314	-.006146	4.420535	.0084250	.0156307	118.8628	1.164771
#3	.2356028	-.007720	4.467440	.0140552	.0140012	139.3946	1.365041

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202745	.1563405	68.12542	.1005870	.0757512	.6087194	161.8444
Stddev	.0014799	.0012716	6.41745	.0026362	.0003850	.0612956	15.4410
%RSD	7.299083	.8133757	9.420054	2.620798	.5082805	10.06960	9.540618

#1	.0194590	.1574976	64.39024	.1022437	.0761915	.5747602	153.9741
#2	.0193818	.1549791	64.45044	.1019702	.0754778	.5719196	151.9243
#3	.0219827	.1565449	75.53557	.0975471	.0755843	.6794784	179.6348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.470922	55.99730	.1167400	-.007653	.9040293	.2969428	1.565047
Stddev	.410154	5.46924	.0010469	.001396	.1638376	.0298147	.049836
%RSD	9.173821	9.766969	.8968004	18.24478	18.12304	10.04054	3.184302

#1	4.222107	53.35624	.1178960	-.008389	.8475424	.2861823	1.566337
#2	4.246338	52.34982	.1158557	-.008528	.7759088	.2740021	1.514578
#3	4.944321	62.28585	.1164681	-.006043	1.088637	.3306439	1.614225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.25815	2.879501	.2403708	.0039861	5.181212	15.85795	.0227545
Stddev	4.57600	.013147	.0250193	.0002740	.028401	1.23640	.0007594
%RSD	9.289835	.4565895	10.40862	6.874179	.5481515	7.796692	3.337270

#1	46.68269	2.891641	.2270122	.0036698	5.208913	15.18606	.0231961
#2	46.55025	2.865536	.2248663	.0041501	5.152160	15.10298	.0218776
#3	54.54151	2.881326	.2692340	.0041385	5.182562	17.28481	.0231897

Sample Name: J3387-07 Acquired: 6/15/2018 14:58:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FY2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.926410	.1184069	.4362428
Stddev	.183535	.0110473	.0404347
%RSD	9.527309	9.329954	9.268863

#1	1.825911	.1121514	.4127764
#2	1.815072	.1119069	.4130193
#3	2.138245	.1311625	.4829326

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.485	3229.245	82959.35	10403.13	3855.371
Stddev	15.979	14.533	547.40	742.56	31.065
%RSD	.5274373	.4500326	.6598372	7.137866	.8057703

#1	3011.813	3216.663	82338.24	10797.08	3828.528
#2	3033.730	3245.152	83168.37	10865.69	3889.400
#3	3042.913	3225.919	83371.43	9546.61	3848.187

Sample Name: J3387-08 Acquired: 6/15/2018 15:02:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2181796	-.010582	4.411221	.0161262	.0314565	104.7362	1.136723
Stddev	.0048235	.005426	.023012	.0039387	.0022189	.2756	.001338
%RSD	2.210790	51.27679	.5216719	24.42394	7.053931	.2631058	.1176998

#1	.2140696	-.006547	4.434928	.0134307	.0289184	104.9257	1.137256
#2	.2169793	-.008448	4.388973	.0206463	.0330289	104.4201	1.135200
#3	.2234899	-.016750	4.409762	.0143017	.0324222	104.8627	1.137711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090850	.1950925	88.64317	.1215082	.0785873	1.100917	171.0142
Stddev	.0001057	.0010957	.10441	.0004624	.0007555	.003568	.3442
%RSD	1.163539	.5616536	.1177876	.3805526	.9613653	.3241112	.2012837

#1	.0091517	.1962560	88.56089	.1216059	.0794536	1.104866	170.9928
#2	.0091402	.1940803	88.60800	.1219140	.0782432	1.097924	170.6812
#3	.0089631	.1949412	88.76063	.1210048	.0780651	1.099961	171.3686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.377026	62.78165	.1096468	.0064939	1.112531	.3843258	2.167439
Stddev	.016383	.20691	.0004922	.0005334	.174684	.0021950	.031180
%RSD	.3742987	.3295779	.4489085	8.213650	15.70152	.5711323	1.438558

#1	4.358751	62.58035	.1099858	.0063887	.962385	.3849115	2.131585
#2	4.381931	62.77086	.1090822	.0060209	1.070955	.3818974	2.182527
#3	4.390397	62.99375	.1098725	.0070720	1.304252	.3861685	2.188204

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.71964	2.822379	.2569526	.0104645	9.306270	19.65203	.0241827
Stddev	.12585	.014234	.0030508	.0004502	.061106	.07231	.0003675
%RSD	.2637233	.5043154	1.187281	4.302007	.6566132	.3679283	1.519770

#1	47.83059	2.829143	.2568894	.0108494	9.356082	19.65122	.0240194
#2	47.58290	2.806025	.2539339	.0099695	9.238085	19.72474	.0239251
#3	47.74544	2.831970	.2600344	.0105747	9.324643	19.58013	.0246036

Sample Name: J3387-08 Acquired: 6/15/2018 15:02:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.041046	.1403988	.4870041
Stddev	.014594	.0008701	.0008855
%RSD	.2895033	.6197559	.1818316

#1	5.030028	.1406834	.4875187
#2	5.035513	.1394220	.4859816
#3	5.057598	.1410910	.4875119

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2676.035	2844.716	73862.56	9729.988	3815.211
Stddev	12.698	8.793	261.51	21.716	14.101
%RSD	.4745192	.3090877	.3540559	.2231866	.3696045

#1	2669.116	2837.348	73579.81	9708.973	3804.228
#2	2690.690	2854.449	74095.74	9752.343	3831.113
#3	2668.298	2842.351	73912.13	9728.646	3810.292

Sample Name: J3387-11 Acquired: 6/15/2018 15:06:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3760920	-.017512	4.689493	.0155725	.0216455	148.2877	1.233939
Stddev	.0105319	.003591	.166240	.0028057	.0020481	.3605	.001787
%RSD	2.800353	20.50710	3.544953	18.01672	9.462081	.2431115	.1448449

#1	.3791162	-.016527	4.600264	.0124306	.0202372	148.6941	1.235895
#2	.3643789	-.014515	4.586918	.0164596	.0207042	148.0064	1.232390
#3	.3847810	-.021492	4.881296	.0178274	.0239950	148.1627	1.233533

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097795	.1750786	80.45621	.2013727	.1115278	.8200871	264.1642
Stddev	.0000983	.0068169	.13794	.0004269	.0038849	.0077913	.4216
%RSD	1.005513	3.893615	.1714534	.2119779	3.483305	.9500608	.1595946

#1	.0097255	.1712793	80.61048	.2016283	.1093876	.8164182	264.5408
#2	.0098930	.1710080	80.34471	.2016099	.1091838	.8148077	263.7088
#3	.0097200	.1829485	80.41345	.2008799	.1160121	.8290356	264.2431

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.650769	100.4730	.1416484	-.022541	1.879526	.7142506	1.914309
Stddev	.006666	.0908	.0057018	.000214	.260259	.0039959	.026662
%RSD	.1433273	.0903407	4.025308	.9488260	13.84704	.5594577	1.392764

#1	4.645886	100.4817	.1393613	-.022581	1.657504	.7104796	1.926796
#2	4.658363	100.5591	.1374452	-.022310	2.165935	.7138334	1.932436
#3	4.648057	100.3782	.1481386	-.022733	1.815140	.7184387	1.883696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.21625	3.416727	.3395153	.0086830	9.287169	13.21498	.0242171
Stddev	.31423	.124033	.0021792	.0002205	.343407	.06995	.0009803
%RSD	.4017449	3.630173	.6418542	2.539925	3.697655	.5293396	4.047769

#1	78.46490	3.359089	.3370430	.0085806	9.122277	13.29296	.0241143
#2	77.86308	3.332000	.3411573	.0089362	9.057306	13.15775	.0232923
#3	78.32078	3.559092	.3403456	.0085323	9.681923	13.19422	.0252447

Sample Name: J3387-11 Acquired: 6/15/2018 15:06:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FY6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.730188	.2052635	.6347514
Stddev	.026606	.0002595	.0007802
%RSD	.3047541	.1264351	.1229182

#1	8.750832	.2054718	.6355271
#2	8.700163	.2049728	.6339668
#3	8.739571	.2053460	.6347604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.614	2798.978	73261.03	9753.425	3636.285
Stddev	9.802	75.127	222.61	44.114	111.830
%RSD	.3673179	2.684092	.3038576	.4522893	3.075395

#1	2671.501	2838.128	73233.50	9706.515	3693.838
#2	2657.692	2846.446	73053.47	9794.074	3707.617
#3	2676.648	2712.362	73496.13	9759.686	3507.400

Sample Name: J3387-12 Acquired: 6/15/2018 15:10:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1051182	-.004367	2.384826	.0055512	.0087250	84.76227	.8217772
Stddev	.0024322	.000651	.030626	.0004379	.0009778	.15861	.0010827
%RSD	2.313751	14.89713	1.284217	7.888437	11.20660	.1871182	.1317461

#1	.1054019	-.004498	2.419607	.0058544	.0087883	84.58729	.8228007
#2	.1073960	-.004942	2.361895	.0057500	.0077171	84.89659	.8206438
#3	.1025566	-.003661	2.372976	.0050491	.0096696	84.80292	.8218870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152639	.0888072	73.95064	.0663908	.0535913	.4077181	106.4454
Stddev	.0000408	.0010686	.26863	.0001731	.0008867	.0039034	.5059
%RSD	.2675019	1.203310	.3632591	.2606582	1.654628	.9573860	.4752757

#1	.0152567	.0900328	73.86050	.0663383	.0546077	.4108313	105.8632
#2	.0153078	.0880706	73.73866	.0662501	.0531907	.4033388	106.6954
#3	.0152271	.0883181	74.25275	.0665840	.0529757	.4089842	106.7777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.311912	39.82091	.0867743	-.006664	.7605447	.1874204	.9619738
Stddev	.010344	.12338	.0011042	.000526	.0920411	.0015040	.0055147
%RSD	.3123307	.3098379	1.272466	7.888356	12.10200	.8024724	.5732666

#1	3.315334	39.73593	.0879480	-.007266	.6620361	.1861867	.9654158
#2	3.300291	39.76437	.0857562	-.006434	.7752505	.1869789	.9556132
#3	3.320111	39.96243	.0866187	-.006292	.8443476	.1890958	.9648923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.77238	2.492230	.1536960	.0023257	2.916969	3.102959	.0137953
Stddev	.03476	.041191	.0012478	.0000778	.055350	.015098	.0010622
%RSD	.1208215	1.652773	.8118397	3.346424	1.897515	.4865807	7.699429

#1	28.75842	2.539599	.1545129	.0022363	2.980008	3.086605	.0149489
#2	28.74677	2.472268	.1543153	.0023622	2.876327	3.105904	.0135791
#3	28.81196	2.464824	.1522597	.0023785	2.894573	3.116368	.0128578

Sample Name: J3387-12 Acquired: 6/15/2018 15:10:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FY7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7805235	.0753507	.2649947
Stddev	.0008103	.0009866	.0003611
%RSD	.1038197	1.309375	.1362770

#1	.7814383	.0764532	.2650237
#2	.7798959	.0745508	.2646200
#3	.7802362	.0750483	.2653405

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3027.814	3192.437	83084.80	10868.42	3833.336
Stddev	5.441	26.264	233.19	48.79	35.796
%RSD	.1796967	.8227011	.2806643	.4489364	.9338032

#1	3021.565	3162.477	83295.57	10904.36	3792.127
#2	3030.377	3203.342	83124.53	10888.02	3856.717
#3	3031.499	3211.492	82834.30	10812.87	3851.164

Sample Name: J3387-13 Acquired: 6/15/2018 15:14:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1207271	.0021897	4.348390	.0050930	.0080917	87.18605	1.513646
Stddev	.0023068	.0018852	.039534	.0016649	.0004687	.54909	.007291
%RSD	1.910718	86.09658	.9091700	32.68994	5.792738	.6297871	.4816932

#1	.1218678	.0025903	4.375243	.0041575	.0075878	87.70271	1.518892
#2	.1222412	.0001363	4.366934	.0070152	.0081725	87.24598	1.516725
#3	.1180722	.0038423	4.302992	.0041063	.0085147	86.60945	1.505320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162692	.0855971	79.09031	.0694770	.0608320	.3680771	108.5074
Stddev	.0001140	.0008372	.41113	.0002413	.0005279	.0018924	.5560
%RSD	.7005736	.9781100	.5198269	.3473211	.8678400	.5141392	.5124045

#1	.0163254	.0861907	79.44709	.0692775	.0608602	.3692491	109.1054
#2	.0163441	.0859612	79.18314	.0694082	.0613453	.3690884	108.4108
#3	.0161380	.0846395	78.64070	.0697452	.0602905	.3658939	108.0061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.512450	42.69514	.0892466	-.007708	1.037499	.2378247	.9365442
Stddev	.057277	.37998	.0007244	.000519	.115966	.0040257	.0033864
%RSD	.6728603	.8899725	.8117223	6.736259	11.17746	1.692703	.3615868

#1	8.573550	43.07641	.0886939	-.007846	1.164715	.2424434	.9377450
#2	8.503824	42.69256	.0900667	-.007134	1.010091	.2359700	.9391667
#3	8.459974	42.31647	.0889791	-.008145	.937693	.2350607	.9327211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.84316	2.287188	.1612388	.0085657	2.796934	14.88539	.0127868
Stddev	.15119	.026274	.0016644	.0001577	.030412	.10894	.0002660
%RSD	.4603317	1.148762	1.032261	1.840668	1.087350	.7318536	2.080255

#1	33.00655	2.297613	.1624823	.0087235	2.798823	14.99617	.0126490
#2	32.81470	2.306650	.1593480	.0085655	2.826359	14.88162	.0130934
#3	32.70822	2.257301	.1618862	.0084082	2.765622	14.77839	.0126179

Sample Name: J3387-13 Acquired: 6/15/2018 15:14:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FY8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.201638	.0820600	.3251941
Stddev	.008874	.0003839	.0015844
%RSD	.7384745	.4677739	.4872141

#1	1.208295	.0822458	.3268641
#2	1.205056	.0816187	.3250064
#3	1.191564	.0823157	.3237120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3023.485	3224.212	82982.61	10895.71	3905.072
Stddev	16.029	17.904	98.29	82.17	34.698
%RSD	.5301625	.5552977	.1184416	.7541199	.8885467

#1	3014.522	3217.868	83095.78	10800.88	3894.509
#2	3041.991	3210.343	82933.43	10945.54	3876.883
#3	3013.942	3244.424	82918.62	10940.73	3943.824

Sample Name: J3387-14 Acquired: 6/15/2018 15:18:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2124115	-.015269	3.405108	.0120405	.0165891	140.3640	1.179927
Stddev	.0047615	.005555	.064056	.0030810	.0012705	.2463	.005006
%RSD	2.241654	36.38049	1.881173	25.58885	7.658664	.1754521	.4242511

#1	.2087039	-.019639	3.363327	.0088155	.0152857	140.1110	1.184535
#2	.2107494	-.009018	3.373140	.0123522	.0166576	140.6029	1.180646
#3	.2177814	-.017151	3.478856	.0149539	.0178239	140.3783	1.174601

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141043	.1126972	54.62229	.1538671	.0926790	.5357199	200.2143
Stddev	.0000809	.0026231	.12919	.0007591	.0020802	.0030244	1.2672
%RSD	.5736370	2.327547	.2365220	.4933761	2.244485	.5645532	.6329314

#1	.0140596	.1112741	54.76925	.1540738	.0915978	.5364055	198.7513
#2	.0140556	.1110932	54.52660	.1545015	.0913621	.5324115	200.9265
#3	.0141977	.1157242	54.57101	.1530260	.0950771	.5383426	200.9652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.474365	71.92343	.1291209	-.018480	4.035692	.4440787	1.427910
Stddev	.005616	.24541	.0026758	.000267	.117709	.0085686	.013573
%RSD	.1255217	.3412115	2.072330	1.444639	2.916695	1.929524	.9505327

#1	4.480178	71.64845	.1274832	-.018270	4.092656	.4368524	1.412409
#2	4.468969	72.12020	.1276708	-.018390	4.114082	.4418389	1.433658
#3	4.473946	72.00166	.1322088	-.018780	3.900338	.4535447	1.437662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.37350	2.872549	.2899597	.0078739	6.167865	17.57076	.0212650
Stddev	.13669	.058401	.0022953	.0000618	.113932	.09444	.0019176
%RSD	.2090937	2.033056	.7915856	.7843771	1.847188	.5374769	9.017642

#1	65.23561	2.841384	.2874556	.0078952	6.119546	17.47839	.0227697
#2	65.50896	2.836342	.2919636	.0078043	6.086054	17.56675	.0191059
#3	65.37593	2.939922	.2904599	.0079222	6.297993	17.66714	.0219196

Sample Name: J3387-14 Acquired: 6/15/2018 15:18:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.402891	.1634711	.5465563
Stddev	.006710	.0016481	.0005554
%RSD	.1241944	1.008199	.1016173

#1	5.400028	.1649919	.5471894
#2	5.410557	.1637014	.5463283
#3	5.398087	.1617199	.5461512

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2838.866	3011.167	78217.50	10332.27	3715.776
Stddev	14.374	39.602	277.21	45.03	60.374
%RSD	.5063414	1.315164	.3544029	.4357770	1.624796

#1	2825.385	3031.236	78043.97	10358.63	3746.059
#2	2837.220	3036.717	78071.34	10357.89	3755.014
#3	2853.992	2965.549	78537.20	10280.28	3646.254

Sample Name: J3387-15 Acquired: 6/15/2018 15:22:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2294911	-.020140	3.256026	.0161452	.0161840	143.3860	1.198279
Stddev	.0006915	.002465	.003056	.0052257	.0016785	.2453	.000995
%RSD	.3013351	12.23995	.0938493	32.36654	10.37137	.1710507	.0830743

#1	.2291162	-.021273	3.258822	.0197410	.0175244	143.5552	1.199425
#2	.2290680	-.021834	3.256491	.0101509	.0167262	143.4981	1.197781
#3	.2302891	-.017312	3.252764	.0185438	.0143014	143.1047	1.197631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121596	.1185915	59.16997	.1748779	.0976006	.5937828	223.8900
Stddev	.0002399	.0001540	.10395	.0008012	.0006036	.0029030	.8265
%RSD	1.973086	.1298396	.1756763	.4581229	.6183961	.4889020	.3691334

#1	.0124366	.1185397	59.27944	.1753907	.0978472	.5904757	224.1914
#2	.0120163	.1187647	59.07260	.1752883	.0969128	.5949616	224.5234
#3	.0120259	.1184701	59.15787	.1739547	.0980419	.5959109	222.9551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.282437	82.96810	.1310940	-.023184	3.201871	.5469836	1.432571
Stddev	.013289	.21889	.0008474	.000297	.171164	.0051845	.015065
%RSD	.3103203	.2638291	.6464347	1.282481	5.345762	.9478376	1.051632

#1	4.287194	82.86105	.1320080	-.022886	3.385886	.5411280	1.442350
#2	4.267424	83.21992	.1303344	-.023184	3.172322	.5509900	1.415222
#3	4.292693	82.82333	.1309395	-.023481	3.047404	.5488327	1.440142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.49996	2.897141	.3147170	.0079619	7.270761	15.11332	.0224580
Stddev	.17118	.005854	.0006211	.0005019	.021323	.09504	.0007255
%RSD	.2394059	.2020444	.1973448	6.303261	.2932765	.6288784	3.230580

#1	71.69741	2.895706	.3140133	.0076110	7.259309	15.19146	.0218255
#2	71.40909	2.903579	.3151885	.0085367	7.295364	15.14100	.0232500
#3	71.39339	2.892139	.3149492	.0077379	7.257611	15.00751	.0222984

Sample Name: J3387-15 Acquired: 6/15/2018 15:22:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FZ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.916145	.1910106	.6091182
Stddev	.023561	.0002879	.0008305
%RSD	.3406634	.1507500	.1363420

#1	6.936757	.1912161	.6097911
#2	6.921217	.1911342	.6081901
#3	6.890461	.1906815	.6093735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.027	2947.464	76248.18	10103.63	3747.435
Stddev	10.587	6.107	117.91	34.29	1.797
%RSD	.3804236	.2071904	.1546432	.3394305	.0479615

#1	2791.167	2941.173	76371.48	10075.84	3749.290
#2	2786.856	2953.369	76236.54	10093.10	3747.313
#3	2771.058	2947.850	76136.51	10141.96	3745.702

Sample Name: J3387-16 Acquired: 6/15/2018 15:26:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2589632	-.015306	2.933166	.0106322	.0158092	107.9421	1.129491
Stddev	.0077284	.005992	.079191	.0036014	.0011930	.5766	.002796
%RSD	2.984377	39.14663	2.699838	33.87228	7.546023	.5341307	.2475325

#1	.2550093	-.017266	2.885722	.0075962	.0150966	107.2956	1.130482
#2	.2540116	-.008580	2.889190	.0096891	.0151446	108.4030	1.131656
#3	.2678686	-.020072	3.024585	.0146113	.0171864	108.1276	1.126334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079799	.1116103	54.98235	.1340208	.0872170	.5869316	197.7060
Stddev	.0001182	.0030582	.03765	.0009919	.0029227	.0028677	1.4834
%RSD	1.481147	2.740054	.0684779	.7401240	3.351040	.4885844	.7503110

#1	.0078459	.1096269	55.01563	.1342083	.0858667	.5860239	196.0159
#2	.0080244	.1100718	54.98995	.1329486	.0852135	.5901433	198.7922
#3	.0080694	.1151322	54.94148	.1349056	.0905707	.5846276	198.3099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.587827	61.71708	.1095803	-.018799	1.334389	.4602071	1.448400
Stddev	.014722	.77477	.0032654	.000265	.079343	.0079476	.015955
%RSD	.3208867	1.255364	2.979948	1.412057	5.946035	1.726961	1.101584

#1	4.588751	60.84792	.1074477	-.019002	1.300493	.4527930	1.466488
#2	4.602065	62.33523	.1079537	-.018897	1.277624	.4685979	1.436326
#3	4.572665	61.96808	.1133396	-.018499	1.425051	.4592304	1.442386

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.93410	2.627756	.2689860	.0049191	4.616537	16.06927	.0194272
Stddev	.23858	.083955	.0044976	.0000444	.139087	.06084	.0003689
%RSD	.4977288	3.194934	1.672070	.9015652	3.012802	.3785863	1.898861

#1	47.65862	2.577079	.2639331	.0049667	4.533715	16.03069	.0195715
#2	48.07364	2.581523	.2725515	.0049116	4.538782	16.13940	.0190079
#3	48.07005	2.724665	.2704735	.0048790	4.777114	16.03772	.0197021

Sample Name: J3387-16 Acquired: 6/15/2018 15:26:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FZ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.751761	.1525019	.4496374
Stddev	.034795	.0018074	.0007556
%RSD	.5153523	1.185173	.1680348

#1	6.711713	.1506797	.4489781
#2	6.774586	.1525317	.4504619
#3	6.768984	.1542942	.4494724

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.086	2828.050	73811.15	9781.417	3787.549
Stddev	16.057	50.530	224.85	47.115	80.135
%RSD	.5966818	1.786738	.3046227	.4816814	2.115760

#1	2681.464	2857.417	73791.07	9814.186	3831.991
#2	2682.171	2857.030	74045.37	9727.423	3835.616
#3	2709.623	2769.703	73597.03	9802.642	3695.040

Sample Name: J3387-17 Acquired: 6/15/2018 15:30:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3004137	-.020681	3.341827	.0132365	.0182787	122.5480	1.112437
Stddev	.0045945	.002426	.061109	.0049258	.0010413	.2920	.001565
%RSD	1.529390	11.73277	1.828596	37.21383	5.696687	.2382992	.1407065

#1	.3054775	-.019643	3.411391	.0085153	.0181819	122.3318	1.113318
#2	.2965115	-.018947	3.296803	.0128501	.0193650	122.8802	1.113363
#3	.2992520	-.023454	3.317287	.0183442	.0172892	122.4320	1.110630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086267	.1168735	95.48327	.1647763	.0971509	.5871978	220.7414
Stddev	.0000737	.0022709	.12599	.0013330	.0022978	.0029688	1.2661
%RSD	.8547807	1.943061	.1319461	.8089546	2.365180	.5055953	.5735557

#1	.0085579	.1194885	95.60845	.1639975	.0997420	.5902055	219.5735
#2	.0086176	.1153981	95.48486	.1640159	.0953607	.5842694	222.0869
#3	.0087046	.1157337	95.35649	.1663154	.0963500	.5871184	220.5637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.356520	89.44185	.1215209	-.023029	1.324605	.5629940	1.486037
Stddev	.012846	.50168	.0016070	.000341	.062625	.0062831	.022188
%RSD	.2948581	.5608958	1.322390	1.482408	4.727823	1.116011	1.493071

#1	4.367670	88.89300	.1233243	-.022832	1.286691	.5604514	1.511325
#2	4.342473	89.87675	.1202407	-.022831	1.290234	.5583808	1.469832
#3	4.359417	89.55580	.1209978	-.023423	1.396889	.5701500	1.476955

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.22097	2.835354	.2897844	.0063147	6.624266	16.05138	.0181829
Stddev	.29291	.062991	.0020064	.0001202	.138994	.12180	.0002274
%RSD	.4946016	2.221615	.6923935	1.903247	2.098255	.7588250	1.250852

#1	59.14204	2.908086	.2878755	.0061781	6.783858	15.92398	.0182442
#2	59.54526	2.799548	.2896019	.0064041	6.529736	16.16667	.0183735
#3	58.97562	2.798426	.2918759	.0063618	6.559203	16.06350	.0179311

Sample Name: J3387-17 Acquired: 6/15/2018 15:30:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FZ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.457977	.1770937	.4990003
Stddev	.032082	.0003256	.0006718
%RSD	.4301642	.1838840	.1346289

#1	7.439340	.1767259	.4995859
#2	7.495021	.1773454	.4991481
#3	7.439569	.1772099	.4982669

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.951	2829.976	73654.74	9765.765	3711.240
Stddev	7.425	41.892	302.77	56.496	61.365
%RSD	.2771467	1.480310	.4110621	.5785064	1.653489

#1	2670.666	2782.260	73324.21	9822.992	3640.978
#2	2681.183	2860.714	73918.65	9710.030	3754.310
#3	2685.003	2846.955	73721.36	9764.275	3738.433

Sample Name: CCV025 Acquired: 6/15/2018 15:34:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.071926	4.945814	24.78027	5.091992	5.122395	391.7047
Stddev	.018959	.016227	.06261	.038060	.014963	.5454
%RSD	.3738084	.3281048	.2526525	.7474385	.2921148	.1392385

#1	5.052446	4.955697	24.72704	5.085875	5.120985	391.9332
#2	5.073015	4.927085	24.76452	5.057362	5.108186	392.0987
#3	5.090317	4.954658	24.84925	5.132740	5.138013	391.0822

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33667	.5048790	2.482982	390.0748	15.46361	2.512183
Stddev	.03610	.0025461	.005155	.8964	.02433	.002880
%RSD	.3492567	.5043039	.2076111	.2297945	.1573432	.1146233

#1	10.37614	.5062227	2.483923	390.8804	15.48398	2.512750
#2	10.32856	.5064718	2.477422	389.1092	15.47017	2.509062
#3	10.30531	.5019425	2.487603	390.2348	15.43667	2.514737

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.43385	383.2873	14.91895	390.0604	2.549737	1.264631
Stddev	.04157	1.5766	.03722	1.6837	.006322	.004972
%RSD	.2693380	.4113423	.2494561	.4316636	.2479411	.3931623

#1	15.48093	381.6694	14.93362	388.1163	2.548184	1.266466
#2	15.40221	384.8192	14.87663	391.0144	2.544336	1.259003
#3	15.41842	383.3733	14.94659	391.0505	2.556690	1.268426

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	380.5712	2.546940	15.47592	157.6849	F 6.254339	5.193767
Stddev	.6025	.007785	.23547	.1014	.025963	.025486
%RSD	.1583223	.3056532	1.521519	.0642856	.4151208	.4907077

#1	380.3622	2.549013	15.26352	157.6296	6.267026	5.218927
#2	381.2504	2.553479	15.43511	157.8019	6.224472	5.194408
#3	380.1010	2.538329	15.72913	157.6232	6.271520	5.167966

Sample Name: CCV025 Acquired: 6/15/2018 15:34:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.049556	5.270933	5.001119	5.098068	5.115836	5.224900
Stddev	.018251	.013487	.026293	.012539	.023720	.012036
%RSD	.3614314	.2558802	.5257373	.2459528	.4636509	.2303515

#1	5.054819	5.285230	5.013841	5.103607	5.090687	5.237867
#2	5.029252	5.258436	5.018632	5.083713	5.137805	5.222745
#3	5.064597	5.269134	4.970885	5.106883	5.119015	5.214087

Elem	Sr4077
Units	ppm
Avg	5.148021
Stddev	.069067
%RSD	1.341616

#1	5.193254
#2	5.182287
#3	5.068521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.947	2224.479	60287.21	8270.413	3131.363
Stddev	14.512	5.176	42.25	17.262	6.687
%RSD	.6819739	.2326725	.0700879	.2087184	.2135391

#1	2133.518	2222.918	60309.62	8250.500	3132.134
#2	2138.847	2230.256	60313.53	8281.138	3137.632
#3	2111.474	2220.264	60238.47	8279.600	3124.325

Sample Name: CCB025 Acquired: 6/15/2018 15:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003145	-.000966	.0002338	.0001797	.0007132	-.002867	-.002110
Stddev	.000936	.002260	.0012460	.0018688	.0010891	.005544	.000435
%RSD	29.77098	233.8133	532.8180	1039.918	152.6995	193.3840	20.60635

#1	-.002339	.001539	-.000418	.0006931	.0014116	.003423	-.001764
#2	-.004172	-.001590	.001671	-.001892	-.000542	-.007045	-.001968
#3	-.002925	-.002849	-.000551	.001738	.001270	-.004980	-.002598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000137	-.000055	.0053601	.0000173	.0002542	-.000874	.0098870
Stddev	.0000728	.000062	.0082564	.0002550	.0000901	.001044	.0038084
%RSD	531.4394	113.2977	154.0331	1472.457	35.46337	119.4881	38.51947

#1	.0000961	-.000041	-.003771	.0000478	.0001976	-.001757	.0062282
#2	-.000042	-.000122	.007551	-.000252	.0002068	.000278	.0138292
#3	-.000013	-.000001	.012300	.000256	.0003581	-.001142	.0096035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000417	.0316935	-.000595	-.000007	-.115933	.0008966	-.003418
Stddev	.000952	.0145360	.000448	.000034	.059593	.0011837	.004163
%RSD	228.2695	45.86431	75.26287	469.1552	51.40298	132.0152	121.8024

#1	.000106	.0198206	-.000856	.000017	-.183806	.0008947	-.002512
#2	-.001517	.0273552	-.000078	-.000047	-.091804	-.000286	-.007959
#3	.000158	.0479047	-.000852	.000008	-.072188	.002081	.000217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.191039	-.002372	.0000047	.0001653	-.019941	-.002903	.0001650
Stddev	.056997	.001097	.0002311	.0000638	.001696	.000413	.0006736
%RSD	29.83540	46.25951	4949.602	38.57605	8.503998	14.23360	408.2527

#1	-.171066	-.001123	.0000825	.0002365	-.019712	-.003292	-.000008
#2	-.255334	-.002814	-.000255	.0001134	-.018371	-.002946	-.000406
#3	-.146716	-.003179	.000187	.0001460	-.021739	-.002469	.000908

Sample Name: CCB025 Acquired: 6/15/2018 15:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002955	.0000272	.0000135
Stddev	.0006900	.0011736	.0000495
%RSD	233.5287	4310.465	367.9250

#1	.0009946	.0005417	.0000232
#2	.0002767	.0008557	.0000574
#3	-.000385	-.001316	-.000040

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.435	2692.953	69243.50	8852.558	4234.989
Stddev	13.392	24.044	134.44	61.670	48.473
%RSD	.5265294	.8928361	.1941564	.6966325	1.144587

#1	2533.462	2707.019	69092.76	8781.900	4272.762
#2	2558.656	2665.190	69351.01	8880.225	4180.332
#3	2538.188	2706.648	69286.72	8895.550	4251.874

Sample Name: J3387-09 Acquired: 6/15/2018 15:43:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3614381	-.015617	4.071685	.0178031	.0206251	151.7405	1.332977
Stddev	.0053571	.001061	.001993	.0047726	.0011895	12.4454	.112604
%RSD	1.482174	6.791948	.0489477	26.80738	5.767494	8.201747	8.447574

#1	.3629080	-.014568	4.069866	.0228833	.0200242	166.1100	1.462989
#2	.3659068	-.016689	4.071375	.0171127	.0219952	144.3940	1.266412
#3	.3554994	-.015595	4.073815	.0134134	.0198558	144.7176	1.269531

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105429	.1518679	79.80517	.1869611	.1060607	.7748287	263.7763
Stddev	.0006084	.0012334	6.84007	.0031749	.0020653	.0653284	21.7678
%RSD	5.770928	.8121510	8.570963	1.698137	1.947304	8.431338	8.252374

#1	.0112447	.1504538	87.70124	.1832973	.1036788	.8502073	288.9092
#2	.0102204	.1524286	75.69711	.1889012	.1073546	.7346205	250.9117
#3	.0101636	.1527214	76.01715	.1886850	.1071486	.7396582	251.5079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.167825	93.41301	.1395185	-.019972	1.679512	.6845838	1.797608
Stddev	.457166	7.65758	.0013929	.002012	.110788	.0579507	.048309
%RSD	8.846384	8.197556	.9983500	10.07426	6.596447	8.465103	2.687426

#1	5.694927	102.2513	.1380260	-.017675	1.767983	.7510829	1.847738
#2	4.879315	88.7642	.1397458	-.020824	1.715301	.6448775	1.751353
#3	4.929233	89.2235	.1407838	-.021419	1.555254	.6577910	1.793732

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	74.59509	3.088819	.3537114	.0087098	8.483673	17.10167	.0243103
Stddev	6.43727	.013198	.0344472	.0002200	.036355	1.12663	.0003592
%RSD	8.629623	.4272904	9.738778	2.525870	.4285268	6.587853	1.477588

#1	82.02515	3.102514	.3934824	.0086295	8.484303	18.40256	.0240690
#2	70.69531	3.087763	.3332703	.0085413	8.519709	16.44361	.0241388
#3	71.06480	3.076181	.3343816	.0089587	8.447007	16.45883	.0247231

Sample Name: J3387-09 Acquired: 6/15/2018 15:43:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FY4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.093627	.2095950	.6475148
Stddev	.681816	.0177747	.0556968
%RSD	8.424109	8.480487	8.601623

#1	8.880493	.2301024	.7117703
#2	7.677753	.1986159	.6130293
#3	7.722634	.2000669	.6177448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.813	2858.670	73984.77	9493.992	3716.571
Stddev	4.795	7.094	93.27	606.536	8.353
%RSD	.1783906	.2481512	.1260681	6.388629	.2247390

#1	2687.512	2858.177	73956.62	8794.376	3717.105
#2	2692.751	2865.998	74088.88	9871.879	3724.644
#3	2683.176	2851.836	73908.82	9815.722	3707.965

Sample Name: J3387-10 Acquired: 6/15/2018 15:47:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4593696	-.016536	5.721378	.0160168	.0247320	141.8534	1.301196
Stddev	.0058501	.002789	.021934	.0030908	.0004209	.9295	.003054
%RSD	1.273504	16.86354	.3833664	19.29703	1.701793	.6552633	.2347177

#1	.4526237	-.014727	5.719126	.0170482	.0252157	140.8193	1.304531
#2	.4624365	-.019748	5.700658	.0184599	.0244492	142.1217	1.298536
#3	.4630485	-.015133	5.744352	.0125422	.0245312	142.6193	1.300520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112783	.2024449	77.00536	.1817421	.1043406	.8637400	238.1603
Stddev	.0001462	.0004394	.21590	.0003578	.0004161	.0015599	3.4827
%RSD	1.295853	.2170660	.2803659	.1968758	.3987386	.1805924	1.462322

#1	.0111317	.2024697	77.25194	.1813543	.1045962	.8654460	234.2192
#2	.0112791	.2019935	76.85030	.1820594	.1038606	.8633875	239.4381
#3	.0114240	.2028713	76.91383	.1818124	.1045651	.8623866	240.8235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.711384	85.92222	.1398169	-.013094	1.604004	.6118157	2.197412
Stddev	.006289	1.23552	.0002191	.000599	.093483	.0080678	.015818
%RSD	.1334776	1.437951	.1567078	4.576871	5.828125	1.318665	.7198688

#1	4.718149	84.49591	.1395735	-.013708	1.549277	.6029959	2.209879
#2	4.710289	86.66251	.1398788	-.013063	1.711945	.6188233	2.179618
#3	4.705715	86.60823	.1399984	-.012511	1.550789	.6136280	2.202740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.20275	2.985470	.3222334	.0080587	9.087606	14.47055	.0235664
Stddev	.32008	.004845	.0053451	.0003673	.014285	.07537	.0022111
%RSD	.4625308	.1622836	1.658780	4.557955	.1571911	.5208231	9.382458

#1	68.84372	2.986140	.3162349	.0076442	9.101081	14.38654	.0260378
#2	69.30628	2.989946	.3239745	.0083438	9.072629	14.53223	.0217756
#3	69.45826	2.980326	.3264910	.0081881	9.089107	14.49288	.0228857

Sample Name: J3387-10 Acquired: 6/15/2018 15:47:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FY5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.704097	.1967961	.6170017
Stddev	.058936	.0015778	.0014708
%RSD	.8790983	.8017450	.2383748

#1	6.636155	.1985507	.6154831
#2	6.734705	.1954941	.6171026
#3	6.741431	.1963434	.6184194

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2740.372	2899.716	75727.93	10016.65	3736.046
Stddev	4.293	8.208	141.06	51.86	10.278
%RSD	.1566688	.2830671	.1862717	.5177228	.2751040

#1	2745.256	2904.820	75886.84	10073.02	3731.128
#2	2738.670	2904.079	75679.46	10005.98	3747.859
#3	2737.191	2890.247	75617.50	9970.97	3729.151

Sample Name: J3387-18 Acquired: 6/15/2018 15:51:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1111718	-.0111112	1.072435	.0076682	.0073683	87.39233	1.388712
Stddev	.0028440	.001323	.025475	.0081167	.0020508	.14540	.003098
%RSD	2.558204	11.90919	2.375452	105.8489	27.83242	.1663733	.2230877

#1	.1143255	-.011286	1.101682	.0159685	.0090779	87.24325	1.390728
#2	.1088019	-.009710	1.055084	.0072876	.0079326	87.40000	1.385145
#3	.1103880	-.012339	1.060538	-.000252	.0050945	87.53375	1.390262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105656	.0385616	570.9138	.0685381	.0492153	.4797548	101.8726
Stddev	.0001452	.0013587	.7280	.0004883	.0009566	.0014226	.4949
%RSD	1.374208	3.523321	.1275218	.7124163	1.943680	.2965352	.4858167

#1	.0103980	.0401271	571.3588	.0680700	.0503186	.4782469	101.3143
#2	.0106458	.0378664	570.0736	.0684999	.0486183	.4799443	102.2574
#3	.0106530	.0376912	571.3089	.0690443	.0487089	.4810732	102.0462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.245128	116.4515	.0780260	-.013322	2.049603	.2025194	.9699337
Stddev	.003471	.3964	.0024672	.000636	.155083	.0044218	.0197310
%RSD	.1069469	.3403889	3.161951	4.770582	7.566507	2.183402	2.034267

#1	3.249047	115.9966	.0808484	-.014040	2.024442	.1974145	.9870892
#2	3.243894	116.6351	.0762793	-.012834	1.908639	.2051597	.9483721
#3	3.242444	116.7229	.0769504	-.013091	2.215729	.2049840	.9743398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.60907	2.961456	.2361875	.0034527	7.303798	16.75709	.0088835
Stddev	.04116	.101854	.0013366	.0002596	.222245	.16377	.0006939
%RSD	.1344571	3.439306	.5659024	7.519197	3.042867	.9773453	7.811597

#1	30.56688	3.078423	.2347092	.0035765	7.559434	16.58656	.0092820
#2	30.61123	2.892340	.2365425	.0031544	7.156472	16.91315	.0092862
#3	30.64911	2.913604	.2373107	.0036273	7.195489	16.77155	.0080822

Sample Name: J3387-18 Acquired: 6/15/2018 15:51:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.840148	.1753423	2.001804
Stddev	.002748	.0010394	.001305
%RSD	.1493612	.5927876	.0652041

#1	1.838124	.1746358	2.000319
#2	1.843277	.1765358	2.002324
#3	1.839042	.1748553	2.002770

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.939	2841.546	74568.35	10064.05	3427.125
Stddev	32.860	51.436	246.08	33.33	81.817
%RSD	1.221575	1.810128	.3300117	.3311955	2.387326

#1	2665.417	2782.161	74309.44	10101.06	3332.671
#2	2727.275	2872.053	74799.20	10054.70	3475.994
#3	2677.125	2870.425	74596.42	10036.39	3472.711

Sample Name: J3387-19 Acquired: 6/15/2018 15:55:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1106347	-.014506	1.061059	.0051713	.0068528	86.80617	1.378523
Stddev	.0017367	.001758	.001012	.0041101	.0019293	.64572	.003693
%RSD	1.569759	12.11716	.0953304	79.47820	28.15310	.7438597	.2679272

#1	.1118934	-.016471	1.060288	.0007253	.0063773	86.14606	1.376470
#2	.1086534	-.013963	1.060685	.0059565	.0052057	86.83597	1.376313
#3	.1113573	-.013083	1.062205	.0088321	.0089753	87.43646	1.382787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105691	.0383276	563.6913	.0684297	.0491595	.4830508	100.7757
Stddev	.0001517	.0000721	2.9620	.0000798	.0003709	.0025666	1.2811
%RSD	1.434893	.1880722	.5254596	.1165534	.7545302	.5313323	1.271283

#1	.0104240	.0383477	561.0522	.0685189	.0495611	.4858278	99.3622
#2	.0105567	.0382476	563.1268	.0683653	.0490876	.4825589	101.1044
#3	.0107266	.0383874	566.8949	.0684050	.0488298	.4807658	101.8604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.223605	114.8464	.0779152	-.013906	1.897537	.2017398	.9936067
Stddev	.009812	1.5327	.0003864	.000242	.075454	.0029160	.0035245
%RSD	.3043855	1.334545	.4958736	1.739217	3.976409	1.445402	.3547213

#1	3.212297	113.1894	.0780523	-.014128	1.912453	.2005468	.9953882
#2	3.229869	115.1364	.0774790	-.013648	1.964418	.2050630	.9958849
#3	3.228650	116.2133	.0782143	-.013942	1.815739	.1996095	.9895471

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.31197	2.945932	.2342106	.0035911	7.267198	16.63127	.0102886
Stddev	.11607	.010866	.0038980	.0001286	.026736	.18968	.0008164
%RSD	.3829232	.3688352	1.664326	3.580627	.3678984	1.140481	7.934847

#1	30.18652	2.942688	.2306544	.0037314	7.252940	16.44837	.0102491
#2	30.41557	2.937059	.2335993	.0035630	7.250613	16.61838	.0111240
#3	30.33381	2.958051	.2383782	.0034788	7.298041	16.82706	.0094927

Sample Name: J3387-19 Acquired: 6/15/2018 15:55:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.829648	.1741736	1.987885
Stddev	.013989	.0007978	.004979
%RSD	.7645574	.4580298	.2504611

#1	1.815588	.1736598	1.982363
#2	1.829794	.1737683	1.992031
#3	1.843564	.1750926	1.989261

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2695.986	2862.133	74955.04	10150.08	3448.372
Stddev	8.656	4.975	167.22	104.12	1.901
%RSD	.3210711	.1738252	.2230977	1.025760	.0551361

#1	2690.231	2858.558	75059.79	10265.55	3450.101
#2	2691.786	2867.815	74762.19	10121.31	3448.678
#3	2705.941	2860.025	75043.14	10063.37	3446.336

Sample Name: J3387-20 Acquired: 6/15/2018 15:59:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1769706	.0838691	1.075870	.0923776	.1804746	91.43434	5.182359
Stddev	.0025643	.0022430	.000454	.0034604	.0003611	4.70755	.274549
%RSD	1.448991	2.674352	.0422218	3.745923	.2000636	5.148553	5.297764

#1	.1798509	.0833035	1.076383	.0931160	.1801111	96.86954	5.499348
#2	.1761249	.0863407	1.075709	.0954092	.1808332	88.64635	5.027837
#3	.1749359	.0819631	1.075519	.0886076	.1804795	88.78714	5.019892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0996445	.1374349	573.9238	.4189446	1.074235	.9440525	103.5983
Stddev	.0037656	.0005620	29.3903	.0018826	.001207	.0499165	5.1987
%RSD	3.779072	.4089187	5.120948	.4493708	.1123403	5.287470	5.018176

#1	.1039442	.1368361	607.8589	.4172207	1.073184	1.001687	109.5867
#2	.0969337	.1379509	557.2671	.4186595	1.075553	.914652	100.2415
#3	.0980557	.1375178	556.6454	.4209535	1.073967	.915818	100.9667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.187844	116.4642	1.115191	.0719316	2.023110	1.140091	1.853262
Stddev	.211606	5.6582	.001969	.0008474	.109987	.059619	.032973
%RSD	5.052864	4.858315	.1765900	1.178036	5.436543	5.229360	1.779211

#1	4.431990	122.9918	1.113637	.0728435	2.149887	1.208928	1.861529
#2	4.057292	112.9590	1.114529	.0717830	1.966269	1.106441	1.881315
#3	4.074251	113.4419	1.117405	.0711684	1.953174	1.104904	1.816942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.83773	2.889024	.2382242	.0032522	7.099229	16.73139	.0078152
Stddev	1.68197	.001951	.0124587	.0002946	.005570	.69464	.0009461
%RSD	5.454256	.0675396	5.229800	9.058363	.0784617	4.151716	12.10652

#1	32.77974	2.887540	.2526100	.0032894	7.093763	17.52046	.0089005
#2	29.84531	2.888297	.2311007	.0029407	7.104898	16.21213	.0071641
#3	29.88815	2.891234	.2309619	.0035263	7.099026	16.46160	.0073809

Sample Name: J3387-20 Acquired: 6/15/2018 15:59:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.847645	.1777882	2.019331
Stddev	.096997	.0081620	.106786
%RSD	5.249775	4.590843	5.288209

#1	1.959647	.1872019	2.142635
#2	1.791184	.1726889	1.957109
#3	1.792105	.1734737	1.958248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2685.863	2849.134	74816.68	9868.986	3459.241
Stddev	18.850	2.436	307.35	375.248	3.844
%RSD	.7018275	.0855006	.4108062	3.802297	.1111188

#1	2706.322	2851.904	75171.54	9438.960	3463.672
#2	2669.200	2848.169	74634.74	10130.04	3456.802
#3	2682.067	2847.328	74643.76	10037.96	3457.248

Sample Name: J3387-18LX5 Acquired: 6/15/2018 16:03:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0264427	-.001057	.1911186	.0012608	.0017143	17.66939	.2795635
Stddev	.0008822	.000364	.0006494	.0008740	.0014339	.12853	.0024399
%RSD	3.336139	34.48276	.3398154	69.32261	83.64519	.7274250	.8727382

#1	.0258986	-.001376	.1916342	.0003958	.0004385	17.81165	.2820377
#2	.0274605	-.000660	.1903892	.0021437	.0032662	17.63491	.2771594
#3	.0259689	-.001135	.1913324	.0012430	.0014382	17.56162	.2794935

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022774	.0066713	114.5415	.0146311	.0077310	.0995747	21.73589
Stddev	.0001006	.0000512	.9340	.0001746	.0003297	.0016343	.20196
%RSD	4.417166	.7679725	.8154160	1.193144	4.264140	1.641314	.9291493

#1	.0022340	.0067081	114.9451	.0147661	.0076966	.1009534	21.85759
#2	.0023924	.0066128	115.2058	.0146932	.0074200	.0977694	21.84732
#3	.0022058	.0066931	113.4736	.0144339	.0080766	.1000014	21.50277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6883724	23.66657	.0134690	-.002332	.2208496	.0421135	.1902418
Stddev	.0042979	.35480	.0004809	.000075	.0666118	.0029635	.0134966
%RSD	.6243595	1.499174	3.570606	3.237405	30.16162	7.036993	7.094445

#1	.6933189	23.65207	.0138303	-.002359	.1540336	.0448257	.1879030
#2	.6855515	24.02841	.0129231	-.002247	.2872553	.0389504	.1780675
#3	.6862466	23.31925	.0136534	-.002390	.2212598	.0425644	.2047550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.762522	.4979647	.0484231	.0007514	1.209908	3.621597	-.001288
Stddev	.105149	.0014617	.0014040	.0002183	.004488	.155223	.000241
%RSD	1.824702	.2935434	2.899379	29.05371	.3709161	4.286037	18.73661

#1	5.870826	.4996452	.0494935	.0005629	1.214306	3.546679	-.001548
#2	5.755898	.4972610	.0489424	.0009906	1.210081	3.800069	-.001244
#3	5.660841	.4969879	.0468335	.0007007	1.205336	3.518044	-.001071

Sample Name: J3387-18LX5 Acquired: 6/15/2018 16:03:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3819022	.0337942	.4067533
Stddev	.0036883	.0005852	.0035707
%RSD	.9657597	1.731676	.8778630

#1	.3860271	.0339225	.4104767
#2	.3789221	.0343046	.4033578
#3	.3807574	.0331555	.4064253

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.706	2691.017	69513.64	8891.429	3951.945
Stddev	5.532	3.460	237.16	362.768	5.425
%RSD	.2180762	.1285911	.3411716	4.079975	.1372649

#1	2534.075	2688.105	69725.52	9031.437	3946.500
#2	2532.980	2694.843	69557.94	8479.520	3951.986
#3	2543.062	2690.104	69257.45	9163.329	3957.349

Sample Name: J3387-21 Acquired: 6/15/2018 16:07:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2171998	-.006555	3.929734	.0137766	.0302660	105.5827	1.206583
Stddev	.0173835	.001024	.001687	.0019986	.0015594	.0736	.001170
%RSD	8.003459	15.62455	.0429179	14.50725	5.152413	.0696864	.0969303

#1	.1978214	-.005480	3.928316	.0160838	.0320594	105.6430	1.205240
#2	.2223567	-.006666	3.931599	.0125746	.0292292	105.5007	1.207382
#3	.2314214	-.007519	3.929287	.0126716	.0295095	105.6044	1.207126

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095076	.1732743	92.07344	.1235232	.0828811	1.002010	176.7635
Stddev	.0001487	.0007471	.36433	.0006667	.0001597	.003483	.9486
%RSD	1.563587	.4311623	.3956929	.5397549	.1927383	.3476347	.5366441

#1	.0093472	.1732617	91.66898	.1229148	.0827012	1.005843	177.8541
#2	.0095350	.1725336	92.37587	.1234188	.0830063	.999036	176.1301
#3	.0096408	.1740276	92.17548	.1242359	.0829359	1.001153	176.3064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.507508	64.70305	.1171858	-.001162	1.112259	.3919909	1.951560
Stddev	.017342	.22381	.0006542	.000281	.053859	.0036930	.039782
%RSD	.3847317	.3458970	.5582899	24.17160	4.842341	.9421041	2.038447

#1	4.487663	64.96145	.1169290	-.000939	1.067761	.3887395	1.996235
#2	4.519747	64.57026	.1166989	-.001478	1.172135	.3912273	1.919967
#3	4.515114	64.57745	.1179295	-.001070	1.096882	.3960060	1.938477

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.29460	2.794802	.2543105	.0090115	8.399928	3.889159	.0209193
Stddev	.05492	.005598	.0036676	.0002413	.031408	.033975	.0003908
%RSD	.1114135	.2002939	1.442162	2.677702	.3739090	.8735711	1.868295

#1	49.27825	2.789014	.2584440	.0092077	8.403645	3.849935	.0208600
#2	49.35584	2.800188	.2514459	.0090847	8.366827	3.908156	.0213364
#3	49.24972	2.795206	.2530415	.0087420	8.429312	3.909387	.0205615

Sample Name: J3387-21 Acquired: 6/15/2018 16:07:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.456461	.1454192	.4820893
Stddev	.005969	.0008964	.0009642
%RSD	.1339476	.6164313	.2000022

#1	4.454800	.1445428	.4818664
#2	4.451497	.1463344	.4831454
#3	4.463084	.1453803	.4812561

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.398	2862.234	74470.41	9806.592	3801.631
Stddev	20.920	2.773	164.48	15.432	6.449
%RSD	.7758580	.0968958	.2208651	.1573652	.1696355

#1	2673.144	2861.453	74353.80	9815.475	3798.909
#2	2702.357	2865.314	74398.90	9788.773	3808.994
#3	2713.691	2859.934	74658.54	9815.528	3796.989

Sample Name: J3387-22 Acquired: 6/15/2018 16:11:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992296	-.013243	.5602346	.0076981	.0112018	74.73007	.9160279
Stddev	.0045982	.004051	.0021261	.0039777	.0011117	.19933	.0031431
%RSD	4.633916	30.59002	.3795037	51.67061	9.924210	.2667294	.3431193

#1	.0965839	-.010045	.5604211	.0031117	.0120233	74.95764	.9196124
#2	.0965658	-.017798	.5580213	.0102039	.0116453	74.58644	.9147282
#3	.1045392	-.011885	.5622612	.0097789	.0099368	74.64614	.9137432

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057653	.0205197	166.1745	.1092304	.0493143	.2800796	140.3562
Stddev	.0000514	.0001555	.9414	.0000174	.0003837	.0026884	.6994
%RSD	.8907773	.7577071	.5665100	.0159063	.7781423	.9598674	.4982869

#1	.0057910	.0204059	167.2457	.1092340	.0494359	.2822724	141.0883
#2	.0057988	.0204563	165.4789	.1092115	.0488845	.2770803	140.2852
#3	.0057062	.0206968	165.7988	.1092457	.0496225	.2808862	139.6950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.699899	50.53692	.0794750	-.018590	3.202581	.2847886	.6344914
Stddev	.023337	.38094	.0001996	.000292	.175324	.0054068	.0180073
%RSD	.8643565	.7537799	.2511189	1.570971	5.474454	1.898531	2.838064

#1	2.726823	50.96089	.0796342	-.018366	3.254382	.2787133	.6548881
#2	2.687416	50.42644	.0795395	-.018920	3.007193	.2865808	.6277923
#3	2.685459	50.22344	.0792511	-.018483	3.346167	.2890718	.6207940

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.74052	2.274811	.1755228	.0079077	3.985285	7.105053	.0068941
Stddev	.11905	.010042	.0021537	.0003152	.006874	.020356	.0014157
%RSD	.5740046	.4414579	1.226999	3.986112	.1724843	.2864975	20.53421

#1	20.87784	2.271940	.1775507	.0076429	3.991716	7.118455	.0054990
#2	20.66622	2.266517	.1757555	.0082563	3.978040	7.115074	.0083294
#3	20.67751	2.285977	.1732623	.0078237	3.986101	7.081629	.0068539

Sample Name: J3387-22 Acquired: 6/15/2018 16:11:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.458446	.0907180	.3782507
Stddev	.015584	.0003768	.0026383
%RSD	.6338919	.4153941	.6974992

#1	2.476292	.0909834	.3812779
#2	2.447527	.0908840	.3770332
#3	2.451518	.0902867	.3764410

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.507	2750.000	72213.75	9490.021	3770.162
Stddev	15.941	4.939	134.13	37.679	5.980
%RSD	.6090068	.1796177	.1857433	.3970396	.1586049

#1	2616.177	2752.599	72088.08	9446.817	3775.104
#2	2634.071	2753.098	72354.99	9507.172	3771.867
#3	2602.273	2744.304	72198.19	9516.074	3763.515

Sample Name: J3386-20LX5 Acquired: 6/15/2018 16:15:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436179	-.002423	.5076905	.0015320	.0035438	20.53897	.2184256
Stddev	.0026011	.002866	.0020122	.0020112	.0005334	.06992	.0009334
%RSD	5.963283	118.3053	.3963425	131.2766	15.05077	.3404473	.4273502

#1	.0459966	-.000614	.5091742	.0013218	.0029431	20.55824	.2174387
#2	.0408405	-.000927	.5054001	-.000366	.0039617	20.59725	.2185437
#3	.0440166	-.005728	.5084971	.003640	.0037265	20.46144	.2192943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021117	.0234195	25.12709	.0246740	.0135077	.2013952	33.92697
Stddev	.0000593	.0000945	.06551	.0003668	.0003317	.0004819	.07504
%RSD	2.808763	.4032812	.2607109	1.486625	2.455392	.2392719	.2211767

#1	.0020674	.0233106	25.05970	.0244496	.0131248	.2009684	33.95512
#2	.0020886	.0234674	25.19054	.0244751	.0137053	.2012995	33.98387
#3	.0021791	.0234803	25.13102	.0250973	.0136931	.2019178	33.84193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.050535	12.70667	.0205192	-.001076	.4673844	.0639720	.4400575
Stddev	.001287	.04784	.0004269	.000228	.0716298	.0021460	.0108914
%RSD	.1224886	.3765321	2.080373	21.14451	15.32568	3.354623	2.474989

#1	1.049571	12.68792	.0209495	-.001325	.5386175	.0615226	.4514709
#2	1.050037	12.67103	.0200958	-.001024	.4681715	.0655222	.4389248
#3	1.051996	12.76105	.0205123	-.000879	.3953643	.0648712	.4297767

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.445685	.6087278	.0490334	.0017930	1.254506	.8565794	.0036991
Stddev	.046974	.0007083	.0012319	.0000301	.011203	.0008933	.0017250
%RSD	.7287724	.1163581	2.512412	1.677742	.8929831	.1042883	46.63244

#1	6.469268	.6093892	.0494976	.0017836	1.241602	.8558502	.0018747
#2	6.476196	.6079805	.0499659	.0017688	1.260174	.8563121	.0039191
#3	6.391592	.6088138	.0476369	.0018267	1.261741	.8575758	.0053035

Sample Name: J3386-20LX5 Acquired: 6/15/2018 16:15:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FX5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5376292	.0240028	.0869898
Stddev	.0021619	.0005526	.0002674
%RSD	.4021253	2.302209	.3073926

#1	.5351694	.0237690	.0869764
#2	.5392282	.0236055	.0867294
#3	.5384899	.0246338	.0872637

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2652.861	2832.081	72459.40	9394.283	4096.891
Stddev	23.880	4.819	377.39	23.891	9.792
%RSD	.9001765	.1701405	.5208364	.2543167	.2390122

#1	2634.939	2828.405	72058.47	9395.300	4089.173
#2	2643.674	2837.536	72511.98	9369.900	4107.906
#3	2679.971	2830.302	72807.74	9417.650	4093.593

Sample Name: PB110163BL Acquired: 6/15/2018 16:19:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	.0013139	-.003890	-.000549	-.001229	.0012858	-.002167	-.002564
Stddev	.0024968	.001179	.000346	.001589	.0011176	.007160	.000564
%RSD	190.0250	30.31489	63.05291	129.2404	86.91846	330.4204	22.01614

#1	-.000967	-.003845	-.000712	-.002125	.0024818	-.008418	-.002777
#2	.000927	-.002735	-.000151	.000605	.0011075	-.003728	-.001924
#3	.003982	-.005092	-.000782	-.002169	.0002681	.005645	-.002991

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000084	-.000048	.0019343	-.000133	-.000299	-.001362	.0043797
Stddev	.0000557	.000051	.0129363	.000234	.000282	.002347	.0168099
%RSD	659.6566	107.8210	668.7864	176.4413	94.30684	172.3283	383.8155

#1	.0000627	.000008	-.001836	-.000208	-.000318	.001219	.0234185
#2	.0000112	-.000094	-.008698	.000130	-.000008	-.001935	-.001866
#3	-.000049	-.000056	.016337	-.000320	-.000570	-.003369	-.008413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000644	.0326232	-.000374	.0001586	-.058593	.0052059	-.004636
Stddev	.000282	.0557455	.000096	.0000939	.059369	.0035234	.007368
%RSD	43.88689	170.8766	25.58557	59.20688	101.3246	67.67958	158.9235

#1	-.000828	.0689711	-.000296	.0002645	-.125210	.0017576	-.003396
#2	-.000784	-.031558	-.000345	.0001256	-.011272	.0050604	-.012546
#3	-.000318	.060457	-.000481	.0000856	-.039297	.0087998	.002033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.301778	-.002761	-.003341	.0002716	-.017076	-.003181	-.000487
Stddev	.047011	.001048	.000247	.0001703	.002465	.001274	.000674
%RSD	15.57790	37.96429	7.402208	62.70946	14.43486	40.04948	138.1623

#1	-.343789	-.002912	-.003575	.0002111	-.016520	-.003610	-.000621
#2	-.310542	-.001646	-.003365	.0004639	-.019772	-.004186	-.001084
#3	-.251002	-.003726	-.003082	.0001398	-.014937	-.001748	.000243

Sample Name: PB110163BL Acquired: 6/15/2018 16:19:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004823	-.000953	-.000004
Stddev	.0009493	.000121	.000041
%RSD	196.8213	12.72397	926.9365

#1	-.000507	-.000896	.000015
#2	.001385	-.001092	-.000052
#3	.000569	-.000870	.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.829	2697.597	68946.33	8787.192	4239.096
Stddev	17.432	7.429	744.16	18.978	12.084
%RSD	.6898767	.2753787	1.079338	.2159785	.2850705

#1	2508.247	2696.657	68104.18	8807.450	4229.563
#2	2542.821	2705.451	69515.29	8784.300	4252.687
#3	2529.419	2690.684	69219.51	8769.825	4235.038

Sample Name: PB110163BS Acquired: 6/15/2018 16:23:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168553	.0468841	.0171765	.0635172	.1075113	.3895652
Stddev	.0043997	.0021955	.0011932	.0023773	.0003506	.0107253
%RSD	26.10279	4.682805	6.946482	3.742718	.3260917	2.753137

#1	.0117993	.0447754	.0181656	.0653007	.1072155	.3945732
#2	.0189535	.0491571	.0175125	.0644327	.1074199	.3772520
#3	.0198131	.0467198	.0158513	.0608183	.1078986	.3968704

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3705620	.0093215	.0090211	9.156644	.0202329	.0881714
Stddev	.0010395	.0000596	.0000467	.036982	.0001681	.0003795
%RSD	.2805108	.6394609	.5175173	.4038811	.8307878	.4303971

#1	.3694137	.0092553	.0089889	9.117728	.0201270	.0877466
#2	.3708334	.0093384	.0090746	9.191327	.0204267	.0882908
#3	.3714388	.0093709	.0089998	9.160877	.0201449	.0884769

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478350	.2100407	.0291342	8.857080	.0746865	.0176578
Stddev	.0010614	.0065600	.0007848	.185580	.0002280	.0003088
%RSD	2.218902	3.123202	2.693747	2.095278	.3052801	1.748997

#1	.0475128	.2158839	.0283852	8.684690	.0745480	.0177554
#2	.0469720	.2112935	.0290669	9.053508	.0745617	.0173120
#3	.0490202	.2029446	.0299505	8.833041	.0749496	.0179061

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.662601	.1010129	.1024017	8.768410	F .0065639	F .0140738
Stddev	.221662	.0019613	.0033358	.051351	.0002583	.0007600
%RSD	2.558834	1.941593	3.257582	.5856413	3.935341	5.400316

#1	8.912705	.0999005	.1055267	8.710367	.0062733	.0133918
#2	8.584667	.1032775	.1027894	8.786934	.0066508	.0148931
#3	8.490432	.0998608	.0988890	8.807930	.0067675	.0139366

Sample Name: PB110163BS Acquired: 6/15/2018 16:23:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188773	.1387701	.1755718	F .0122517	.1837178	.0869130
Stddev	.0001131	.0031509	.0034371	.0006107	.0017668	.0002102
%RSD	.5988519	2.270603	1.957654	4.984250	.9616842	.2418934

#1	.0188853	.1368126	.1719335	.0126564	.1816809	.0866737
#2	.0189862	.1370928	.1760178	.0115493	.1848344	.0870682
#3	.0187605	.1424048	.1787641	.0125495	.1846383	.0869970

Elem	Sr4077
Units	ppm
Avg	.1862861
Stddev	.0007450
%RSD	.3999295

#1	.1855141
#2	.1870008
#3	.1863435

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.031	2676.171	68767.60	8852.610	4183.834
Stddev	10.283	6.528	410.75	53.422	12.087
%RSD	.4067599	.2439226	.5973068	.6034605	.2889045

#1	2529.838	2682.881	68979.93	8913.094	4197.037
#2	2537.290	2675.791	69028.73	8811.875	4181.153
#3	2516.964	2669.842	68294.14	8832.859	4173.312

Sample Name: J3388-01 Acquired: 6/15/2018 16:27:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0828293	-.008625	.6541357	.0058388	.0100262	58.17758	.6049010
Stddev	.0019612	.001731	.0011768	.0036432	.0020591	.57008	.0075949
%RSD	2.367772	20.07456	.1799093	62.39550	20.53694	.9799023	1.255554

#1	.0839579	-.008688	.6542324	.0100456	.0086898	58.83567	.6135922
#2	.0839653	-.006862	.6529135	.0037557	.0089913	57.83525	.6015700
#3	.0805647	-.010323	.6552613	.0037152	.0123974	57.86180	.5995409

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045096	.0245745	96.63444	.0829973	.0434104	.2906222	115.0368
Stddev	.0001599	.0001356	1.12805	.0003361	.0005848	.0031582	.9111
%RSD	3.545383	.5517994	1.167337	.4049677	1.347141	1.086700	.7920449

#1	.0046939	.0246436	97.93668	.0829849	.0436797	.2937555	116.0888
#2	.0044274	.0244183	96.00841	.0833395	.0427395	.2906714	114.4998
#3	.0044075	.0246617	95.95824	.0826676	.0438120	.2874397	114.5217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.408328	42.84017	.0628142	-.013291	2.516078	.2401788	.7417535
Stddev	.016989	.45061	.0001000	.000314	.112741	.0001120	.0033427
%RSD	.7054377	1.051830	.1592493	2.362359	4.480821	.0466230	.4506554

#1	2.427521	43.36026	.0629023	-.013410	2.495105	.2401160	.7455385
#2	2.402247	42.59335	.0628349	-.013528	2.637833	.2403081	.7405160
#3	2.395217	42.56690	.0627055	-.012935	2.415296	.2401124	.7392059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.85199	1.690676	.1531554	.0070070	2.733948	1.562435	.0069581
Stddev	.20617	.007712	.0021962	.0002317	.015135	.012403	.0013194
%RSD	1.223403	.4561516	1.433993	3.306202	.5535950	.7938549	18.96190

#1	17.08179	1.698917	.1548780	.0070941	2.739872	1.574545	.0079088
#2	16.68323	1.683634	.1506823	.0067444	2.716747	1.563001	.0075136
#3	16.79096	1.689476	.1539059	.0071826	2.745225	1.549757	.0054518

Sample Name: J3388-01 Acquired: 6/15/2018 16:27:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.095050	.0750433	.2620047
Stddev	.017569	.0005868	.0027078
%RSD	.8386101	.7820171	1.033491

#1	2.115325	.0756783	.2651296
#2	2.084292	.0745208	.2605351
#3	2.085535	.0749309	.2603495

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2628.595	2787.479	72224.20	9403.730	3898.930
Stddev	20.847	6.633	244.41	64.267	5.892
%RSD	.7930805	.2379458	.3384061	.6834226	.1511133

#1	2615.665	2785.133	71986.35	9329.968	3895.698
#2	2652.644	2794.966	72474.68	9447.659	3905.731
#3	2617.476	2782.339	72211.58	9433.563	3895.362

Sample Name: J3388-02 Acquired: 6/15/2018 16:31:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1502874	-.010354	1.623080	.0084468	.0164095	55.40653	.5983638
Stddev	.0028725	.000241	.011015	.0018489	.0008924	.14473	.0009167
%RSD	1.911311	2.332070	.6786453	21.88811	5.438173	.2612147	.1532084

#1	.1497185	-.010569	1.625226	.0105777	.0163962	55.32989	.5975568
#2	.1477420	-.010093	1.611150	.0074942	.0173084	55.57346	.5981740
#3	.1534018	-.010400	1.632864	.0072686	.0155238	55.31623	.5993606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065613	.0672885	158.2710	.0932914	.0523607	.4835559	128.0850
Stddev	.0001020	.0002923	.2417	.0008153	.0006102	.0033849	.9849
%RSD	1.555079	.4343556	.1527255	.8739212	1.165455	.6999979	.7689636

#1	.0064560	.0671763	158.0289	.0930775	.0528838	.4873238	128.0431
#2	.0066597	.0670690	158.2718	.0926045	.0516903	.4807723	129.0902
#3	.0065683	.0676203	158.5123	.0941924	.0525079	.4825715	127.1217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.622353	54.58059	.0803488	-.008674	1.480404	.3149413	1.069260
Stddev	.013146	.25776	.0007401	.000513	.079433	.0080199	.019322
%RSD	.3629039	.4722604	.9211228	5.916739	5.365617	2.546484	1.807087

#1	3.608437	54.58149	.0796158	-.008705	1.540607	.3062340	1.048897
#2	3.624059	54.83790	.0803349	-.009171	1.390375	.3220256	1.071545
#3	3.634562	54.32238	.0810958	-.008146	1.510231	.3165643	1.087339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.16854	1.969539	.1742148	.0064724	1.499084	2.672124	.0116030
Stddev	.04598	.014481	.0024256	.0001411	.010046	.006240	.0008237
%RSD	.3031024	.7352329	1.392321	2.179745	.6701556	.2335196	7.098824

#1	15.18056	1.971984	.1750956	.0063097	1.505975	2.665095	.0111222
#2	15.20731	1.953991	.1760770	.0065610	1.487557	2.677013	.0125541
#3	15.11775	1.982641	.1714718	.0065465	1.503720	2.674263	.0111327

Sample Name: J3388-02 Acquired: 6/15/2018 16:31:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.562795	.0708422	.2704814
Stddev	.009486	.0007920	.0009136
%RSD	.6069724	1.117955	.3377761

#1	1.558335	.0700874	.2695515
#2	1.573688	.0716667	.2713778
#3	1.556361	.0707724	.2705150

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2658.040	2811.143	73454.21	9660.415	3807.954
Stddev	5.826	4.956	127.77	24.047	16.688
%RSD	.2191867	.1762843	.1739388	.2489245	.4382403

#1	2662.999	2816.239	73309.58	9685.366	3826.086
#2	2659.496	2806.341	73551.74	9637.388	3793.239
#3	2651.623	2810.850	73501.30	9658.492	3804.537

Sample Name: J3388-03 Acquired: 6/15/2018 16:35:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809102	-.008205	.8142272	.0054864	.0084994	56.02037	.5929462
Stddev	.0037753	.001180	.0029244	.0063958	.0022831	.76106	.0085691
%RSD	4.666040	14.38461	.3591664	116.5751	26.86251	1.358534	1.445182

#1	.0768849	-.009563	.8117696	.0066877	.0079547	55.37964	.5854957
#2	.0814737	-.007624	.8134505	-.001425	.0065378	56.86160	.6023104
#3	.0843721	-.007428	.8174616	.011196	.0110056	55.81988	.5910325

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050494	.0394150	153.4146	.0912163	.0373179	.3952206	96.42879
Stddev	.0000826	.0002560	2.4847	.0005883	.0001776	.0061205	1.14166
%RSD	1.635682	.6496014	1.619624	.6449731	.4758120	1.548624	1.183944

#1	.0049952	.0391778	151.2601	.0912459	.0374678	.3913767	95.36792
#2	.0051445	.0393808	156.1327	.0906137	.0371218	.4022786	97.63695
#3	.0050086	.0396864	152.8510	.0917892	.0373642	.3920066	96.28150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.326390	35.40174	.0818614	-.010504	2.168780	.2100823	.7227296
Stddev	.044457	.51119	.0002680	.000096	.044350	.0030022	.0080999
%RSD	1.911006	1.443974	.3274010	.9102799	2.044940	1.429058	1.120745

#1	2.296614	35.02245	.0820120	-.010608	2.218251	.2066204	.7316946
#2	2.377492	35.98307	.0815519	-.010419	2.132581	.2119690	.7205560
#3	2.305063	35.19969	.0820202	-.010487	2.155509	.2116576	.7159382

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.63996	1.896249	.1489322	.0114215	1.881298	1.901589	.0038132
Stddev	.36427	.007251	.0029759	.0005849	.012181	.024753	.0005473
%RSD	2.189116	.3823855	1.998147	5.120893	.6474672	1.301704	14.35227

#1	16.31773	1.887946	.1455073	.0110572	1.868100	1.882990	.0040379
#2	17.03521	1.899465	.1508872	.0111111	1.883683	1.929684	.0042123
#3	16.56693	1.901336	.1504019	.0120961	1.892109	1.892094	.0031893

Sample Name: J3388-03 Acquired: 6/15/2018 16:35:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.670558	.0699417	.3431595
Stddev	.024201	.0008060	.0055286
%RSD	1.448679	1.152332	1.611087

#1	1.652739	.0696133	.3384191
#2	1.698110	.0708601	.3492327
#3	1.660826	.0693519	.3418267

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2632.024	2781.549	72576.01	9518.664	3848.073
Stddev	11.391	4.387	181.25	96.958	11.137
%RSD	.4327689	.1577186	.2497324	1.018611	.2894105

#1	2622.560	2784.781	72471.29	9586.867	3860.451
#2	2644.666	2783.312	72471.44	9407.672	3844.903
#3	2628.846	2776.555	72785.29	9561.452	3838.865

Sample Name: J3388-04 Acquired: 6/15/2018 16:39:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0848169	-.006809	.8172185	.0052282	.0103358	55.80334	.5893225
Stddev	.0038715	.001018	.0115582	.0020415	.0013269	.06471	.0011684
%RSD	4.564542	14.95509	1.414339	39.04787	12.83757	.1159656	.1982603

#1	.0865892	-.007333	.8302945	.0031548	.0098751	55.80531	.5904609
#2	.0874850	-.005635	.8083661	.0072362	.0118316	55.73766	.5881262
#3	.0803765	-.007458	.8129949	.0052936	.0093007	55.86704	.5893804

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049083	.0397231	152.4387	.0894131	.0376219	.3963488	96.05047
Stddev	.0000643	.0006011	.2440	.0008263	.0002399	.0010356	.33092
%RSD	1.309888	1.513305	.1600465	.9240791	.6376500	.2612869	.3445295

#1	.0049713	.0403987	152.2186	.0896823	.0378937	.3958673	95.66862
#2	.0048427	.0392472	152.3966	.0884859	.0375322	.3975375	96.25372
#3	.0049110	.0395235	152.7010	.0900713	.0374397	.3956416	96.22907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.311410	35.40253	.0826423	-.010493	2.154669	.2057711	.6976465
Stddev	.005136	.04691	.0014100	.000147	.193161	.0066849	.0124045
%RSD	.2221918	.1325055	1.706101	1.396947	8.964777	3.248722	1.778044

#1	2.306383	35.39874	.0839667	-.010650	2.345594	.2126051	.7119699
#2	2.316648	35.45122	.0828002	-.010470	1.959346	.2054624	.6904992
#3	2.311199	35.35763	.0811600	-.010359	2.159068	.1992459	.6904705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.62191	1.903347	.1492214	.0117616	1.905812	1.894937	.0044343
Stddev	.02942	.020167	.0009565	.0004861	.020191	.004639	.0009621
%RSD	.1769723	1.059576	.6409749	4.132587	1.059422	.2448169	21.69642

#1	16.58795	1.926623	.1483761	.0119603	1.928849	1.895665	.0033726
#2	16.63958	1.891078	.1502596	.0112077	1.897396	1.899169	.0046821
#3	16.63820	1.892340	.1490283	.0121169	1.891190	1.889977	.0052483

Sample Name: J3388-04 Acquired: 6/15/2018 16:39:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.661642	.0690227	.3416371
Stddev	.004151	.0005577	.0002144
%RSD	.2497847	.8080232	.0627687

#1	1.664272	.0685325	.3415446
#2	1.656857	.0689060	.3418823
#3	1.663797	.0696295	.3414844

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2663.471	2770.708	73395.32	9556.122	3828.744
Stddev	17.049	35.221	508.58	17.533	51.766
%RSD	.6400881	1.271177	.6929369	.1834711	1.352027

#1	2647.829	2731.280	72961.55	9575.395	3769.010
#2	2681.643	2799.057	73955.04	9551.854	3860.488
#3	2660.939	2781.786	73269.36	9541.117	3856.734

Sample Name: J3388-05 Acquired: 6/15/2018 16:43:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1556272	.0824533	.8352101	.0952125	.1843473	58.42015	4.360188
Stddev	.0032213	.0040012	.0102862	.0067702	.0027015	.29246	.007542
%RSD	2.069897	4.852701	1.231574	7.110650	1.465432	.5006148	.1729657

#1	.1579496	.0783265	.8266634	.0935494	.1848621	58.27729	4.365035
#2	.1519497	.0863159	.8323406	.0894288	.1814254	58.22658	4.351499
#3	.1569823	.0827174	.8466265	.1026593	.1867543	58.75658	4.364030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0948948	.1336286	149.5159	.4647544	1.006416	.8487057	96.18830
Stddev	.0007203	.0014202	.1768	.0015215	.012280	.0056882	.72862
%RSD	.7590142	1.062765	.1182748	.3273754	1.220167	.6702209	.7574901

#1	.0946086	.1328849	149.3301	.4633909	.999148	.8438752	95.74244
#2	.0957142	.1327348	149.6822	.4663956	.999506	.8472668	95.79335
#3	.0943617	.1352662	149.5353	.4644768	1.020594	.8549752	97.02913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.216419	34.73207	1.074097	.0744082	2.207123	1.150992	1.593451
Stddev	.006195	.28640	.011890	.0005113	.075840	.009308	.013359
%RSD	.1926144	.8245928	1.106930	.6871007	3.436143	.8087065	.8383710

#1	3.219736	34.42512	1.066227	.0741879	2.264488	1.155972	1.598678
#2	3.220249	34.77898	1.068291	.0740441	2.235743	1.140254	1.578269
#3	3.209271	34.99212	1.087774	.0749927	2.121137	1.156751	1.603406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.31959	1.870657	.1459266	.0112572	1.864156	1.873270	.0036959
Stddev	.02487	.019093	.0020498	.0004446	.022555	.016127	.0003642
%RSD	.1523722	1.020658	1.404699	3.949942	1.209914	.8609141	9.854724

#1	16.31658	1.865152	.1457519	.0111268	1.846834	1.865836	.0032904
#2	16.29637	1.854922	.1439696	.0108924	1.855975	1.891774	.0039953
#3	16.34583	1.891898	.1480581	.0117525	1.889660	1.862201	.0038019

Sample Name: J3388-05 Acquired: 6/15/2018 16:43:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.632744	.0700550	.3356257
Stddev	.006416	.0012493	.0004496
%RSD	.3929745	1.783321	.1339457

#1	1.632887	.0697190	.3360211
#2	1.626257	.0690081	.3351367
#3	1.639087	.0714380	.3357192

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.330	2764.066	72275.24	9523.944	3833.115
Stddev	6.414	23.498	275.95	24.046	35.338
%RSD	.2442149	.8501070	.3818023	.2524808	.9219183

#1	2633.079	2776.922	72342.58	9551.479	3856.771
#2	2625.598	2778.330	72511.29	9507.083	3850.082
#3	2620.314	2736.946	71971.86	9513.270	3792.493

Sample Name: J3388-03LX5 Acquired: 6/15/2018 16:47:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222871	.0018638	.1625631	.0011491	.0017902	11.70386	.1234549
Stddev	.0037458	.0020990	.0005405	.0036467	.0017447	.02522	.0004497
%RSD	16.80680	112.6190	.3324978	317.3579	97.46079	.2154863	.3642656

#1	.0180844	-.000318	.1620925	-.001993	.0035550	11.72381	.1229646
#2	.0235033	.003868	.1624433	.005148	.0000662	11.71225	.1238481
#3	.0252737	.002041	.1631535	.000292	.0017494	11.67551	.1235519

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010958	.0077136	32.34561	.0194408	.0066727	.0826717	20.65841
Stddev	.0001129	.0000635	.09150	.0001321	.0002107	.0014577	.10681
%RSD	10.30133	.8229199	.2828847	.6792653	3.157004	1.763272	.5170468

#1	.0012207	.0077352	32.36077	.0194627	.0066216	.0840850	20.74067
#2	.0010011	.0077635	32.42859	.0195605	.0064924	.0827569	20.53769
#3	.0010656	.0076422	32.24748	.0192992	.0069042	.0811733	20.69686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4998633	7.432256	.0157598	-.002265	.3738250	.0459473	.1476730
Stddev	.0025828	.013775	.0005947	.000225	.1126425	.0017396	.0044783
%RSD	.5166934	.1853460	3.773268	9.928559	30.13241	3.786020	3.032564

#1	.4984223	7.416435	.0161968	-.002523	.2438254	.0440682	.1442670
#2	.5028451	7.441589	.0160000	-.002112	.4424875	.0462721	.1460064
#3	.4983226	7.438744	.0150827	-.002160	.4351621	.0475015	.1527456

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.209847	.3653074	.0285777	.0023266	.3499579	.4059739	.0008121
Stddev	.039921	.0003755	.0011214	.0002238	.0030376	.0030275	.0004388
%RSD	1.243703	.1028007	3.923935	9.620546	.8680023	.7457354	54.03440

#1	3.254122	.3653790	.0273886	.0025321	.3499983	.4035059	.0010949
#2	3.198822	.3649013	.0296161	.0020881	.3469002	.4050639	.0003066
#3	3.176598	.3656421	.0287285	.0023594	.3529751	.4093521	.0010347

Sample Name: J3388-03LX5 Acquired: 6/15/2018 16:47:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3525629	.0131407	.0725047
Stddev	.0012608	.0013254	.0001843
%RSD	.3576051	10.08603	.2542411

#1	.3521720	.0140987	.0727057
#2	.3539729	.0136954	.0724647
#3	.3515439	.0116281	.0723436

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.951	2735.999	70220.70	9083.058	4169.708
Stddev	11.961	5.277	206.84	19.363	11.911
%RSD	.4648912	.1928728	.2945585	.2131773	.2856552

#1	2559.226	2737.132	70096.36	9062.550	4179.993
#2	2578.468	2740.618	70106.27	9085.600	4172.473
#3	2581.158	2730.248	70459.47	9101.025	4156.658

Sample Name: J3388-06 Acquired: 6/15/2018 16:51:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0930428	-.011831	.8628309	.0049678	.0095736	53.55286	.9088270
Stddev	.0024808	.003209	.0014215	.0022150	.0011875	.56098	.0071099
%RSD	2.666286	27.12619	.1647435	44.58758	12.40363	1.047523	.7823180

#1	.0924612	-.015465	.8635472	.0071716	.0083910	53.89421	.9154033
#2	.0957628	-.010639	.8611938	.0049901	.0107659	53.85895	.9097949
#3	.0909046	-.009388	.8637517	.0027417	.0095640	52.90542	.9012827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054789	.0299566	133.0101	.0775061	.0414616	.3602325	123.0962
Stddev	.0000455	.0001622	1.0847	.0007240	.0005637	.0026595	1.4948
%RSD	.8306437	.5412919	.8154898	.9340876	1.359482	.7382829	1.214354

#1	.0054753	.0298171	134.0744	.0774181	.0409967	.3632631	123.5558
#2	.0054354	.0299182	133.0500	.0782700	.0412996	.3591469	124.3072
#3	.0055262	.0301345	131.9061	.0768301	.0420886	.3582875	121.4255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.774897	48.82312	.0574008	-.015150	2.024433	.2684460	1.338998
Stddev	.018384	.71001	.0004450	.000237	.123600	.0044701	.025708
%RSD	.6625189	1.454255	.7753073	1.561512	6.105427	1.665164	1.919960

#1	2.796095	48.75520	.0577956	-.015253	2.052639	.2736042	1.324245
#2	2.765289	49.56465	.0569185	-.015317	1.889168	.2657046	1.368683
#3	2.763309	48.14951	.0574884	-.014879	2.131493	.2660293	1.324066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.94230	1.823314	.1633345	.0060938	2.039015	6.965772	.0056164
Stddev	.15192	.003228	.0007916	.0003705	.011300	.060287	.0018778
%RSD	.8967125	.1770566	.4846801	6.080408	.5542003	.8654779	33.43318

#1	17.07209	1.819602	.1625491	.0060880	2.036941	6.994769	.0035820
#2	16.97962	1.824873	.1641323	.0057262	2.028896	7.006082	.0072832
#3	16.77520	1.825466	.1633222	.0064672	2.051209	6.896465	.0059841

Sample Name: J3388-06 Acquired: 6/15/2018 16:51:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.897003	.0638960	.3030408
Stddev	.015367	.0004165	.0020255
%RSD	.8100837	.6517570	.6684018

#1	1.902995	.0634356	.3050693
#2	1.908472	.0640058	.3030350
#3	1.879543	.0642465	.3010182

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2645.815	2827.726	73131.78	9577.250	3880.569
Stddev	13.502	4.529	314.85	85.044	2.493
%RSD	.5103154	.1601638	.4305257	.8879831	.0642503

#1	2630.613	2822.496	72896.85	9497.326	3880.449
#2	2656.412	2830.307	73008.96	9567.798	3878.137
#3	2650.419	2830.374	73489.53	9666.625	3883.120

Sample Name: J3388-09 Acquired: 6/15/2018 16:55:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2079031	-.002764	4.428166	.0111396	.0351138	92.97015	.9326857
Stddev	.0013005	.004361	.007847	.0006110	.0018502	.06431	.0005870
%RSD	.6255338	157.7840	.1772014	5.485084	5.269026	.0691758	.0629414

#1	.2092950	-.000484	4.430842	.0104658	.0351615	93.01237	.9332633
#2	.2076953	-.007793	4.419331	.0112955	.0369397	92.89614	.9320896
#3	.2067190	-.000016	4.434324	.0116576	.0332403	93.00195	.9327043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167313	.1773613	75.50122	.0796732	.0592859	.8103178	123.9026
Stddev	.0000847	.0002841	.11529	.0012575	.0005160	.0033763	.4314
%RSD	.5061128	.1601830	.1527043	1.578303	.8704337	.4166623	.3482140

#1	.0166580	.1776085	75.37238	.0792088	.0592964	.8069465	124.1372
#2	.0168240	.1770509	75.59465	.0787140	.0587647	.8103077	123.4047
#3	.0167118	.1774245	75.53664	.0810969	.0597966	.8136990	124.1660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.806713	43.66213	.0940596	.0062044	.9613983	.2373199	1.706104
Stddev	.007515	.26021	.0005918	.0002540	.0418436	.0016831	.034698
%RSD	.1974150	.5959701	.6292098	4.093510	4.352365	.7092016	2.033785

#1	3.799791	43.89358	.0946657	.0059367	.9398032	.2386477	1.692516
#2	3.805642	43.38047	.0934832	.0064420	1.009627	.2378849	1.680256
#3	3.814706	43.71233	.0940300	.0062346	.934764	.2354270	1.745540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.67691	3.153055	.2167835	.0083755	7.590628	14.02555	.0245637
Stddev	.02649	.004355	.0024385	.0003279	.016545	.04530	.0007325
%RSD	.0684882	.1381142	1.124833	3.914717	.2179666	.3230131	2.982034

#1	38.66210	3.150624	.2168463	.0082327	7.608558	14.05080	.0239173
#2	38.66114	3.150457	.2143142	.0087506	7.575951	14.05261	.0244145
#3	38.70749	3.158082	.2191899	.0081433	7.587377	13.97325	.0253593

Sample Name: J3388-09 Acquired: 6/15/2018 16:55:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.782471	.0870803	.3874050
Stddev	.007669	.0005519	.0008791
%RSD	.4302579	.6338222	.2269239

#1	1.779502	.0877065	.3872464
#2	1.776730	.0868695	.3866160
#3	1.791181	.0866648	.3883526

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2950.267	3141.541	81765.68	10781.03	3857.925
Stddev	17.126	7.499	159.48	28.65	5.890
%RSD	.5804927	.2386993	.1950475	.2657423	.1526788

#1	2968.381	3147.219	81850.81	10797.62	3857.915
#2	2948.079	3144.363	81864.55	10747.95	3863.819
#3	2934.339	3133.040	81581.70	10797.52	3852.039

Sample Name: J3388-10 Acquired: 6/15/2018 16:59:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1714454	-.014165	1.304806	.0092568	.0147210	107.4689	1.611010
Stddev	.0058855	.001711	.003172	.0036510	.0009527	.5602	.002865
%RSD	3.432846	12.07634	.2431096	39.44076	6.471907	.5212587	.1778417

#1	.1653882	-.015809	1.304714	.0050806	.0145379	107.0022	1.608304
#2	.1771426	-.012395	1.308023	.0118437	.0157520	108.0902	1.614011
#3	.1718053	-.014291	1.301681	.0108461	.0138732	107.3144	1.610713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075421	.0402758	277.1085	.1359518	.0773226	.4872897	181.9055
Stddev	.0000758	.0001530	.5448	.0008815	.0003087	.0009402	1.6600
%RSD	1.005030	.3799266	.1966059	.6484212	.3991848	.1929391	.9125860

#1	.0074775	.0402682	276.6411	.1368219	.0773590	.4883340	180.4123
#2	.0075232	.0404325	276.9776	.1350592	.0769973	.4870242	183.6930
#3	.0076256	.0401267	277.7068	.1359742	.0776114	.4865107	181.6113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.509229	76.37886	.1517997	-.023764	1.905387	.3920147	.9352160
Stddev	.006983	.82894	.0012603	.000382	.368582	.0042913	.0002504
%RSD	.1548631	1.085300	.8302317	1.605730	19.34421	1.094677	.0267718

#1	4.507386	75.65256	.1505983	-.023808	1.716372	.3900568	.9354567
#2	4.503352	77.28193	.1516892	-.024122	1.669656	.3969358	.9349569
#3	4.516948	76.20211	.1531116	-.023362	2.330134	.3890516	.9352343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.37971	2.503884	.2460034	.0092008	2.986933	16.47452	.0089253
Stddev	.05846	.009916	.0033835	.0002396	.008604	.11038	.0010830
%RSD	.2216091	.3960203	1.375392	2.604305	.2880493	.6700153	12.13369

#1	26.37649	2.492508	.2422855	.0094690	2.977019	16.34929	.0077200
#2	26.43971	2.510697	.2489021	.0090078	2.991322	16.51659	.0098165
#3	26.32293	2.508446	.2468226	.0091256	2.992456	16.55768	.0092394

Sample Name: J3388-10 Acquired: 6/15/2018 16:59:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0F80 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.330644	.1342496	.8022992
Stddev	.019182	.0007096	.0021444
%RSD	.5759227	.5285862	.2672769

#1	3.314972	.1346974	.8032652
#2	3.352035	.1334314	.8037906
#3	3.324924	.1346201	.7998417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.423	2772.458	72533.38	9693.151	3663.537
Stddev	10.793	4.377	137.98	36.270	4.592
%RSD	.4107734	.1578783	.1902240	.3741869	.1253444

#1	2622.476	2771.451	72384.80	9732.912	3666.199
#2	2619.991	2777.251	72657.47	9661.875	3666.179
#3	2639.803	2768.673	72557.87	9684.666	3658.235

Sample Name: J3386-20LREX5 Acquired: 6/15/2018 17:03:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343642	-.002019	.4368113	.0003118	.0023414	17.70010	.1876189
Stddev	.0029031	.001065	.0032335	.0030947	.0008982	.04329	.0007280
%RSD	8.448147	52.72803	.7402447	992.6007	38.36358	.2445667	.3880235

#1	.0375817	-.001394	.4363024	.0036761	.0033734	17.74165	.1867832
#2	.0319406	-.001415	.4338625	-.002414	.0017351	17.70339	.1881152
#3	.0335703	-.003248	.4402691	-.000327	.0019157	17.65526	.1879583

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019122	.0199710	21.56193	.0214379	.0114319	.1748927	29.26369
Stddev	.0000731	.0000984	.03162	.0002974	.0001743	.0027873	.24275
%RSD	3.822446	.4929380	.1466459	1.387325	1.524853	1.593717	.8295122

#1	.0018857	.0199781	21.52823	.0211452	.0113579	.1764926	29.51165
#2	.0019949	.0198692	21.56660	.0214287	.0116309	.1716742	29.25288
#3	.0018561	.0200657	21.59095	.0217398	.0113067	.1765112	29.02652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9067396	11.01084	.0172749	-.000843	.3133381	.0576445	.3819586
Stddev	.0033395	.01081	.0002022	.000326	.2139383	.0025081	.0085506
%RSD	.3682935	.0981948	1.170470	38.66881	68.27713	4.351021	2.238615

#1	.9036566	11.01278	.0172869	-.000798	.0738949	.0561933	.3863324
#2	.9102869	10.99919	.0174708	-.001190	.4856885	.0605407	.3874376
#3	.9062752	11.02055	.0170670	-.000543	.3804310	.0561997	.3721059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.498399	.5231630	.0408024	.0018657	1.063683	.7437035	.0026886
Stddev	.073336	.0024268	.0001859	.0001099	.004298	.0042374	.0013875
%RSD	1.333765	.4638737	.4556794	5.889054	.4040542	.5697738	51.60590

#1	5.462056	.5227098	.0409619	.0019386	1.060103	.7400022	.0037120
#2	5.582809	.5209947	.0408470	.0017393	1.062498	.7427826	.0011094
#3	5.450333	.5257845	.0405982	.0019191	1.068449	.7483256	.0032444

Sample Name: J3386-20LREX5 Acquired: 6/15/2018 17:03:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FX5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4655448	.0207972	.0746972
Stddev	.0015056	.0007553	.0002303
%RSD	.3234052	3.631722	.3083844

#1	.4644125	.0203464	.0746920
#2	.4649685	.0203760	.0749301
#3	.4672535	.0216692	.0744695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.427	2825.341	72568.04	9367.925	4132.816
Stddev	14.658	2.949	201.28	48.723	9.202
%RSD	.5509474	.1043615	.2773640	.5201003	.2226497

#1	2664.219	2824.702	72463.83	9410.475	4138.932
#2	2644.246	2828.557	72440.24	9314.775	4137.282
#3	2672.816	2822.764	72800.06	9378.525	4122.233

Sample Name: CCV026 Acquired: 6/15/2018 17:10:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.030024	4.888086	24.47020	5.045687	5.080585	389.2919
Stddev	.014682	.033526	.11891	.018301	.003730	2.5427
%RSD	.2918783	.6858686	.4859410	.3627054	.0734167	.6531621

#1	5.037878	4.876493	24.35664	5.055660	5.084209	391.5689
#2	5.013086	4.861896	24.46014	5.024566	5.076758	389.7586
#3	5.039108	4.925870	24.59382	5.056836	5.080787	386.5482

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34110	.4960992	2.456168	387.4488	15.26215	2.486382
Stddev	.03987	.0042128	.009995	1.4492	.05323	.010135
%RSD	.3855921	.8491900	.4069501	.3740350	.3487768	.4076341

#1	10.38230	.4995190	2.447855	389.1215	15.31590	2.479081
#2	10.33831	.4973855	2.453390	386.5713	15.26111	2.482112
#3	10.30270	.4913932	2.467258	386.6535	15.20945	2.497954

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.33120	377.2259	14.80508	383.3588	2.525687	1.253151
Stddev	.06533	3.9100	.06544	4.2265	.007911	.005023
%RSD	.4261110	1.036513	.4420356	1.102498	.3132186	.4008368

#1	15.40078	380.3418	14.87164	386.9913	2.520487	1.258939
#2	15.32165	378.4976	14.74082	384.3652	2.521783	1.249936
#3	15.27117	372.8384	14.80278	378.7200	2.534791	1.250578

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	378.3568	2.519363	15.19319	157.0407	F 6.272882	5.095989
Stddev	2.8812	.009867	.09696	.8582	.025453	.049100
%RSD	.7614914	.3916592	.6382107	.5464813	.4057599	.9634946

#1	380.9308	2.529527	15.12172	157.7364	6.262427	5.144206
#2	378.8952	2.518740	15.15428	157.3039	6.254322	5.097710
#3	375.2445	2.509822	15.30356	156.0817	6.301898	5.046052

Sample Name: CCV026 Acquired: 6/15/2018 17:10:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994653	5.228825	4.903364	5.050515	5.069316	5.228453
Stddev	.010152	.015124	.047316	.004304	.025070	.017950
%RSD	.2032578	.2892396	.9649724	.0852116	.4945353	.3433123

#1	4.993281	5.211409	4.936839	5.045678	5.085357	5.245930
#2	4.985257	5.238638	4.924022	5.051948	5.082165	5.229363
#3	5.005421	5.236429	4.849232	5.053919	5.040427	5.210065

Elem	Sr4077
Units	ppm
Avg	5.156233
Stddev	.019625
%RSD	.3806131

#1	5.173916
#2	5.159664
#3	5.135118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.583	2237.607	60803.07	8338.592	3143.819
Stddev	11.817	5.529	314.45	63.740	.919
%RSD	.5530597	.2470831	.5171586	.7643953	.0292324

#1	2131.226	2231.268	60441.80	8275.319	3144.865
#2	2150.130	2240.121	60952.23	8337.667	3143.450
#3	2128.394	2241.432	61015.17	8402.789	3143.142

Sample Name: CCB026 Acquired: 6/15/2018 17:14:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002430	-.000523	-.001009	.0026360	.0000587	-.004373	-.002002
Stddev	.002332	.000389	.001089	.0009105	.0007305	.004886	.000302
%RSD	95.97988	74.38990	108.0214	34.54155	1245.492	111.7352	15.07727

#1	-.003924	-.000839	-.000078	.0016869	.0003372	-.000514	-.002327
#2	-.003624	-.000088	-.002207	.0027188	.0006088	-.009866	-.001729
#3	.000258	-.000643	-.000741	.0035023	-.000770	-.002738	-.001951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000021	.0012566	.0001397	-.000109	-.001036	.0052299
Stddev	.000031	.000068	.0109546	.0002618	.000258	.002238	.0037315
%RSD	248.3553	325.9201	871.7854	187.3610	236.6213	215.9888	71.34966

#1	.000006	-.000026	-.004418	-.000135	-.000207	.001431	.0018182
#2	-.000048	-.000086	.013884	.000169	.000183	-.001605	.0092149
#3	.000005	.000050	-.005696	.000386	-.000304	-.002935	.0046567

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002451	.0651956	-.000545	-.000126	-.304290	-.000070	-.004599
Stddev	.0006821	.0203548	.000171	.000442	.017711	.002053	.006878
%RSD	278.3067	31.22114	31.36712	351.0616	5.820353	2943.024	149.5366

#1	.0002475	.0857660	-.000737	-.000593	-.304906	.000352	.003342
#2	.0009259	.0450634	-.000409	.000285	-.286279	-.002301	-.008642
#3	-.000438	.0647574	-.000490	-.000069	-.321684	.001739	-.008498

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.231515	-.002600	.0007065	.0003734	-.017701	-.002863	.0000209
Stddev	.052902	.000400	.0003446	.0001255	.003341	.001143	.0008473
%RSD	22.85029	15.38547	48.77168	33.59914	18.87384	39.93566	4049.074

#1	-.173325	-.002192	.0009662	.0005183	-.017479	-.004175	-.000881
#2	-.244516	-.002617	.0008377	.0003000	-.021147	-.002084	.000800
#3	-.276704	-.002992	.0003156	.0003019	-.014476	-.002328	.000145

Sample Name: CCB026 Acquired: 6/15/2018 17:14:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB026 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013768	-.000092	.0000099
Stddev	.0015095	.000108	.0000730
%RSD	109.6374	117.5906	740.8717

#1	.0004919	-.000189	.0000637
#2	.0005188	-.000113	.0000391
#3	.0031198	.000025	-.000073

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.558	2712.531	67440.19	8958.617	4255.929
Stddev	42.277	9.542	1457.32	23.290	11.275
%RSD	1.691384	.3517649	2.160913	.2599785	.2649165

#1	2475.135	2706.269	66261.97	8952.175	4252.194
#2	2475.165	2723.513	66988.79	8939.225	4268.597
#3	2548.376	2707.811	69069.80	8984.450	4246.995

Sample Name: J3388-11 Acquired: 6/15/2018 17:18:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1784747	-.012306	1.322961	.0061085	.0153743	103.8587	1.430775
Stddev	.0057532	.001669	.046202	.0039766	.0019799	.9956	.017551
%RSD	3.223532	13.56301	3.492318	65.09879	12.87792	.9585627	1.226692

#1	.1833083	-.012550	1.346157	.0096619	.0144163	104.4057	1.435914
#2	.1721112	-.010529	1.269757	.0018133	.0140557	104.4608	1.445184
#3	.1800046	-.013841	1.352970	.0068505	.0176510	102.7095	1.411229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077496	.0392890	288.2046	.1352573	.0781487	.5624618	179.1740
Stddev	.0002770	.0014645	1.7070	.0029374	.0028674	.0088603	1.5937
%RSD	3.574888	3.727431	.5922795	2.171717	3.669135	1.575269	.8894661

#1	.0077638	.0400328	288.2849	.1384963	.0795591	.5679533	180.8437
#2	.0074657	.0376019	289.8700	.1327659	.0748493	.5671918	179.0092
#3	.0080192	.0402324	286.4589	.1345098	.0800378	.5522403	177.6691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.345284	68.85868	.1372751	-.023066	1.545470	.3950330	1.030768
Stddev	.039070	.25532	.0045652	.000174	.075614	.0010783	.055486
%RSD	.8991283	.3707841	3.325570	.7538731	4.892633	.2729515	5.382976

#1	4.362559	69.15094	.1396671	-.023241	1.537268	.3958267	1.086283
#2	4.372738	68.74616	.1320110	-.023065	1.624851	.3954669	1.030711
#3	4.300555	68.67896	.1401472	-.022893	1.474292	.3938054	.975311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.55666	2.674291	.2391342	.0088255	2.783813	10.42758	.0087821
Stddev	.29900	.104522	.0091949	.0002423	.117340	.32166	.0014512
%RSD	1.085023	3.908411	3.845061	2.745422	4.215098	3.084659	16.52493

#1	27.72756	2.718418	.2440797	.0089066	2.850051	10.30960	.0084966
#2	27.73100	2.554942	.2447980	.0085530	2.648331	10.18156	.0103549
#3	27.21141	2.749513	.2285250	.0090168	2.853056	10.79156	.0074949

Sample Name: J3388-11 Acquired: 6/15/2018 17:18:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0F82 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.076519	.1366800	.7570455
Stddev	.032777	.0007660	.0089982
%RSD	1.065395	.5603955	1.188594

#1	3.103110	.1364043	.7612112
#2	3.086549	.1375456	.7632059
#3	3.039899	.1360900	.7467193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.155	2823.298	71814.25	9551.975	3717.960
Stddev	48.625	72.142	1355.72	293.439	109.558
%RSD	1.870097	2.555248	1.887815	3.072029	2.946735

#1	2547.141	2786.628	70334.31	9702.844	3665.315
#2	2610.646	2906.409	72112.29	9739.286	3843.904
#3	2642.679	2776.856	72996.15	9213.794	3644.661

Sample Name: J3388-12 Acquired: 6/15/2018 17:22:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1939076	-.013988	2.147721	.0092137	.0178484	110.5650	1.591582
Stddev	.0061659	.002724	.008343	.0029900	.0022521	.5032	.004114
%RSD	3.179832	19.47735	.3884788	32.45209	12.61789	.4551489	.2584844

#1	.1895681	-.011558	2.141120	.0057993	.0163490	110.8815	1.596330
#2	.1911891	-.016933	2.144943	.0104776	.0204381	109.9847	1.589078
#3	.2009656	-.013473	2.157098	.0113642	.0167581	110.8288	1.589337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081036	.0730554	186.5898	.1511797	.0948361	.6745952	193.9643
Stddev	.0000316	.0005637	.2452	.0012415	.0005544	.0006611	1.7249
%RSD	.3904551	.7716292	.1314169	.8212420	.5845371	.0980058	.8892661

#1	.0081321	.0725458	186.6214	.1497518	.0946650	.6751698	194.5251
#2	.0080696	.0729596	186.3302	.1520051	.0943874	.6738726	192.0288
#3	.0081091	.0736609	186.8176	.1517822	.0954558	.6747431	195.3389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.510761	61.17043	.1517908	-.019833	1.332523	.4009049	1.499341
Stddev	.004445	.61324	.0005275	.000668	.064242	.0045177	.004047
%RSD	.0806682	1.002518	.3475245	3.368237	4.821051	1.126884	.2699247

#1	5.508255	61.20061	.1514626	-.019417	1.324872	.4029796	1.498940
#2	5.508135	60.54265	.1515106	-.020604	1.400247	.3957224	1.503574
#3	5.515894	61.76802	.1523993	-.019479	1.272449	.4040126	1.495509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.68523	2.843271	.2660472	.0094363	3.371325	9.995742	.0106689
Stddev	.07436	.027665	.0021196	.0003300	.027982	.058142	.0009711
%RSD	.2504821	.9729835	.7967171	3.497112	.8299929	.5816689	9.102066

#1	29.74448	2.814695	.2667878	.0090623	3.343775	9.995472	.0101504
#2	29.60179	2.845196	.2636566	.0095603	3.370483	9.937735	.0117891
#3	29.70942	2.869923	.2676972	.0096863	3.399719	10.05402	.0100670

Sample Name: J3388-12 Acquired: 6/15/2018 17:22:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0F83 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.946228	.1288716	.5871605
Stddev	.008796	.0009930	.0011802
%RSD	.2985499	.7705512	.2010002

#1	2.945864	.1291697	.5879883
#2	2.937619	.1296815	.5858091
#3	2.955200	.1277637	.5876841

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.544	2820.913	73997.53	9890.378	3718.858
Stddev	11.700	12.802	149.46	63.846	17.851
%RSD	.4382793	.4538092	.2019850	.6455374	.4800180

#1	2657.803	2833.007	73970.22	9891.812	3736.385
#2	2669.625	2822.225	73863.60	9953.496	3719.489
#3	2681.202	2807.505	74158.76	9825.828	3700.699

Sample Name: J3388-13 Acquired: 6/15/2018 17:26:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F84 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1512988	-.014277	1.321565	.0087567	.0170318	106.4071	1.404941
Stddev	.0028881	.003221	.005914	.0022551	.0008839	.2050	.002786
%RSD	1.908896	22.56016	.4474667	25.75268	5.189907	.1926919	.1983174

#1	.1495359	-.010817	1.319836	.0077523	.0179415	106.6202	1.405820
#2	.1497286	-.017188	1.316709	.0071782	.0161761	106.3899	1.407181
#3	.1546319	-.014826	1.328150	.0113394	.0169778	106.2112	1.401821

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071570	.0421907	277.6507	.1307547	.0739738	.5694321	174.7052
Stddev	.0001307	.0000608	.5352	.0012664	.0000588	.0070480	.5168
%RSD	1.826456	.1441647	.1927775	.9685417	.0794547	1.237730	.2957944

#1	.0071092	.0421325	278.2595	.1294525	.0739937	.5761321	175.1941
#2	.0073049	.0421856	277.2541	.1308298	.0740201	.5700830	174.7571
#3	.0070569	.0422539	277.4384	.1319819	.0739077	.5620812	174.1645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.090148	67.62578	.1289190	-.019853	1.451081	.3902838	.9816618
Stddev	.016419	.09989	.0004353	.000497	.041221	.0042281	.0036486
%RSD	.4014288	.1477064	.3376614	2.501766	2.840706	1.083329	.3716814

#1	4.108818	67.65254	.1293943	-.019999	1.491811	.3870133	.9827453
#2	4.083668	67.51524	.1285397	-.019300	1.452047	.3950582	.9846459
#3	4.077958	67.70956	.1288230	-.020260	1.409386	.3887800	.9775941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.13439	2.917018	.2487780	.0078583	3.290399	15.27936	.0084742
Stddev	.08902	.011303	.0011168	.0002336	.017373	.05005	.0000657
%RSD	.3164231	.3874851	.4489198	2.972498	.5279764	.3275499	.7756734

#1	28.16342	2.927957	.2498174	.0077070	3.304149	15.31258	.0085485
#2	28.20528	2.905383	.2475973	.0077405	3.270875	15.22180	.0084505
#3	28.03448	2.917714	.2489194	.0081273	3.296172	15.30370	.0084236

Sample Name: J3388-13 Acquired: 6/15/2018 17:26:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F84 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.574195	.1331660	.7767643
Stddev	.007925	.0005067	.0027544
%RSD	.2217224	.3805312	.3546038

#1	3.583010	.1325856	.7798670
#2	3.567660	.1333923	.7758185
#3	3.571915	.1335202	.7746073

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.199	2754.708	72333.55	9626.102	3673.464
Stddev	11.698	6.478	227.08	26.522	4.843
%RSD	.4467952	.2351584	.3139312	.2755185	.1318493

#1	2631.161	2750.950	72594.09	9608.172	3675.205
#2	2608.428	2762.189	72228.79	9656.568	3677.196
#3	2615.007	2750.986	72177.76	9613.566	3667.991

Sample Name: J3388-14 Acquired: 6/15/2018 17:30:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F85 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1333010	-.013484	1.612016	.0060910	.0171123	89.20875	1.421472
Stddev	.0031685	.001561	.033316	.0078694	.0012985	.50372	.002688
%RSD	2.376962	11.57605	2.066751	129.1972	7.588105	.5646573	.1891039

#1	.1355889	-.015153	1.650319	-.001194	.0161191	88.62726	1.419774
#2	.1346295	-.013238	1.595970	.014437	.0166362	89.48784	1.420070
#3	.1296845	-.012060	1.589759	.005030	.0185817	89.51116	1.424571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065647	.0445943	224.8388	.1197225	.0706196	.6968723	159.7910
Stddev	.0000764	.0010308	.6595	.0009406	.0014104	.0034378	1.3908
%RSD	1.163483	2.311529	.2933293	.7856549	1.997172	.4933158	.8703850

#1	.0064776	.0457817	224.0810	.1205672	.0722170	.6990758	158.1855
#2	.0066203	.0440725	225.1531	.1187089	.0700955	.6929110	160.6261
#3	.0065963	.0439287	225.2824	.1198914	.0695463	.6986300	160.5615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.491954	56.85234	.1118237	-.016006	1.517998	.3509627	1.422471
Stddev	.012066	.80830	.0026184	.000707	.159105	.0018944	.017355
%RSD	.2686028	1.421753	2.341523	4.418208	10.48123	.5397665	1.220044

#1	4.478022	55.92596	.1148432	-.016543	1.358410	.3493731	1.432180
#2	4.499024	57.21693	.1104477	-.016269	1.518968	.3530589	1.432797
#3	4.498815	57.41412	.1101802	-.015204	1.676615	.3504563	1.402434

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.85220	2.927882	.2335899	.0089813	4.795957	6.586350	.0101430
Stddev	.16304	.053463	.0011588	.0002053	.092389	.065246	.0017119
%RSD	.6835401	1.825986	.4960818	2.285324	1.926397	.9906217	16.87790

#1	23.68766	2.989610	.2323111	.0091031	4.902064	6.511641	.0119877
#2	23.85523	2.897686	.2345704	.0087443	4.752487	6.632122	.0086054
#3	24.01370	2.896349	.2338882	.0090965	4.733322	6.615288	.0098359

Sample Name: J3388-14 Acquired: 6/15/2018 17:30:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0F85 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.561413	.1141492	.7564306
Stddev	.010883	.0009263	.0013148
%RSD	.4248645	.8114515	.1738112

#1	2.551467	.1147355	.7549198
#2	2.573037	.1146307	.7573152
#3	2.559735	.1130813	.7570567

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.983	2745.819	72364.35	9645.753	3689.299
Stddev	6.712	46.198	186.57	92.160	68.400
%RSD	.2573563	1.682473	.2578206	.9554445	1.854008

#1	2609.110	2692.478	72200.23	9750.324	3610.923
#2	2600.779	2771.911	72567.27	9576.376	3720.029
#3	2614.060	2773.066	72325.53	9610.559	3736.944

Sample Name: J3388-15 Acquired: 6/15/2018 17:34:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F88 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1897147	-.012731	1.510367	.0090407	.0130165	108.4595	1.290968
Stddev	.0047740	.002390	.004855	.0044589	.0008849	.3031	.004211
%RSD	2.516415	18.77485	.3214265	49.31988	6.798498	.2794568	.3262209

#1	.1883269	-.011848	1.505308	.0132496	.0129647	108.1107	1.289443
#2	.1857883	-.010908	1.510805	.0095044	.0121586	108.6092	1.295729
#3	.1950288	-.015437	1.514988	.0043681	.0139262	108.6586	1.287731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078540	.0402591	144.4642	.1379665	.0747684	.3849597	177.1635
Stddev	.0000154	.0001508	.4238	.0059475	.0002219	.0012827	1.0423
%RSD	.1967640	.3744498	.2933906	4.310843	.2968347	.3332087	.5883462

#1	.0078423	.0403342	144.0332	.1424149	.0748830	.3863794	176.2269
#2	.0078715	.0400856	144.8805	.1402735	.0745126	.3846155	176.9770
#3	.0078481	.0403576	144.4789	.1312111	.0749096	.3838841	178.2864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.858465	51.77400	.1265059	-.023699	1.559709	.3596488	1.236896
Stddev	.029602	.38453	.0001244	.001493	.054364	.0043972	.034871
%RSD	.6092864	.7427005	.0983507	6.299799	3.485526	1.222649	2.819266

#1	4.827705	51.54246	.1263642	-.024733	1.605801	.3550000	1.266215
#2	4.886755	51.56166	.1265972	-.024377	1.573570	.3602048	1.246138
#3	4.860934	52.21787	.1265564	-.021988	1.499757	.3637416	1.198334

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.37417	2.222585	.2428589	.0076826	3.540217	16.09437	.0094255
Stddev	.14755	.007754	.0019526	.0000923	.019210	.05957	.0010245
%RSD	.5594667	.3488705	.8039904	1.201626	.5426144	.3701541	10.86960

#1	26.20621	2.230346	.2431898	.0075828	3.549680	16.07956	.0082491
#2	26.43334	2.214838	.2407620	.0077649	3.518111	16.15995	.0101215
#3	26.48295	2.222572	.2446249	.0077002	3.552858	16.04360	.0099061

Sample Name: J3388-15 Acquired: 6/15/2018 17:34:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F88 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.675211	.1139666	.4726962
Stddev	.012643	.0010063	.0007019
%RSD	.4725901	.8829487	.1484971

#1	2.661694	.1130220	.4720363
#2	2.677191	.1138530	.4734338
#3	2.686746	.1150248	.4726186

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.675	2866.903	71907.96	9910.506	3790.357
Stddev	80.251	11.327	2188.99	52.979	11.243
%RSD	3.091703	.3951023	3.044150	.5345776	.2966183

#1	2529.086	2867.794	70137.05	9971.457	3790.668
#2	2573.162	2877.759	71231.50	9884.562	3801.441
#3	2684.778	2855.157	74355.32	9875.499	3778.961

Sample Name: J3388-16 Acquired: 6/15/2018 17:38:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1200722	-.009837	.9196786	.0075000	.0096121	91.38486	1.292218
Stddev	.0025975	.001069	.0008699	.0013552	.0009097	.35084	.012655
%RSD	2.163306	10.86210	.0945925	18.06874	9.464074	.3839098	.9793385

#1	.1173685	-.009758	.9187193	.0064805	.0087341	91.58609	1.302112
#2	.1225486	-.010943	.9199000	.0090378	.0095515	90.97975	1.277958
#3	.1202993	-.008810	.9204164	.0069815	.0105505	91.58873	1.296586

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071524	.0228765	203.7380	.1156040	.0723590	.3292506	157.9404
Stddev	.0002489	.0001551	.8445	.0035745	.0001149	.0077005	.3665
%RSD	3.480412	.6777599	.4144855	3.092058	.1587409	2.338800	.2320281

#1	.0069927	.0230315	203.4305	.1129798	.0724526	.3374922	157.5214
#2	.0074393	.0227214	204.6931	.1141570	.0722309	.3222393	158.2011
#3	.0070253	.0228765	203.0903	.1196751	.0723936	.3280204	158.0987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.454026	53.71252	.1118501	-.022342	1.649575	.3290864	1.016447
Stddev	.012552	.41154	.0005489	.001484	.177313	.0036037	.049604
%RSD	.2818223	.7661827	.4907742	6.642718	10.74903	1.095065	4.880125

#1	4.443415	53.25028	.1119387	-.021273	1.563455	.3265263	1.009023
#2	4.467882	54.03910	.1112622	-.021717	1.531771	.3275255	.970974
#3	4.450780	53.84819	.1123493	-.024037	1.853500	.3332075	1.069345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.70197	3.212830	.2147832	.0090609	4.173574	5.830347	.0048220
Stddev	.17738	.007792	.0083111	.0001990	.010768	.267051	.0020865
%RSD	.6643072	.2425400	3.869526	2.196800	.2580086	4.580357	43.27116

#1	26.84331	3.214361	.2206053	.0092566	4.175632	5.626287	.0072255
#2	26.50292	3.204385	.2052653	.0090676	4.161926	6.132591	.0037653
#3	26.75969	3.219743	.2184792	.0088586	4.183165	5.732163	.0034752

Sample Name: J3388-16 Acquired: 6/15/2018 17:38:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F89 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.249114	.1108766	.5667773
Stddev	.010967	.0013845	.0044708
%RSD	.4876299	1.248714	.7888146

#1	2.261522	.1120477	.5699698
#2	2.240717	.1093486	.5616676
#3	2.245103	.1112336	.5686945

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.070	2808.992	71746.88	9529.886	3753.226
Stddev	60.737	.862	1637.81	386.828	9.164
%RSD	2.335083	.0306749	2.282757	4.059107	.2441738

#1	2648.320	2808.296	72898.74	9778.477	3743.145
#2	2622.328	2808.724	72469.91	9084.206	3761.053
#3	2532.561	2809.956	69871.98	9726.975	3755.480

Sample Name: J3388-17 Acquired: 6/15/2018 17:42:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1508123	-.013603	1.475464	.0077606	.0115374	102.2406	1.350561
Stddev	.0032036	.003018	.002536	.0031585	.0014889	.2876	.000350
%RSD	2.124212	22.18923	.1718761	40.69953	12.90497	.2813317	.0259129

#1	.1473446	-.011098	1.473381	.0086037	.0098501	101.9161	1.350619
#2	.1536616	-.012758	1.474722	.0042661	.0120954	102.3418	1.350185
#3	.1514307	-.016954	1.478288	.0104121	.0126666	102.4640	1.350878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077937	.0397223	120.0807	.1295802	.0796702	.4275746	181.3871
Stddev	.0000763	.0000673	.2539	.0004287	.0001841	.0008198	.6997
%RSD	.9795978	.1693840	.2114373	.3308697	.2310466	.1917324	.3857752

#1	.0078368	.0397563	119.8761	.1290862	.0798605	.4266861	180.6496
#2	.0077055	.0396448	120.0011	.1298553	.0794930	.4277362	182.0417
#3	.0078387	.0397658	120.3648	.1297991	.0796571	.4283016	181.4700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.191714	53.26092	.1228564	-.023261	1.515543	.3672290	1.284110
Stddev	.005115	.08915	.0006693	.000264	.101312	.0031267	.038662
%RSD	.0985270	.1673905	.5447788	1.134005	6.684844	.8514266	3.010774

#1	5.190313	53.23362	.1222647	-.023109	1.632508	.3647267	1.243454
#2	5.187445	53.18860	.1227216	-.023566	1.455237	.3662262	1.320407
#3	5.197383	53.36053	.1235828	-.023109	1.458882	.3707340	1.288470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.53482	2.659731	.2462298	.0073007	3.645060	2.793648	.0082999
Stddev	.06768	.012470	.0005990	.0001688	.009594	.010335	.0002558
%RSD	.2146113	.4688293	.2432783	2.311893	.2632185	.3699314	3.082470

#1	31.46196	2.649130	.2459021	.0074939	3.637738	2.783711	.0082731
#2	31.54678	2.656592	.2469211	.0071817	3.641521	2.792894	.0080586
#3	31.59572	2.673470	.2458660	.0072266	3.655921	2.804339	.0085682

Sample Name: J3388-17 Acquired: 6/15/2018 17:42:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F90 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.290275	.1115799	.3912949
Stddev	.005661	.0009409	.0004174
%RSD	.2471960	.8432538	.1066610

#1	2.284534	.1106660	.3915526
#2	2.290438	.1125457	.3908133
#3	2.295853	.1115281	.3915187

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2692.121	2873.249	74434.51	9941.046	3808.969
Stddev	7.924	4.042	134.08	46.169	4.771
%RSD	.2943395	.1406678	.1801285	.4644248	.1252472

#1	2689.696	2870.799	74447.33	9965.103	3807.385
#2	2685.693	2877.914	74561.71	9970.218	3814.331
#3	2700.974	2871.034	74294.48	9887.817	3805.192

Sample Name: J3388-18 Acquired: 6/15/2018 17:46:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F91 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1588334	-.010610	1.153271	.0076097	.0100625	107.6484	1.395021
Stddev	.0033903	.002170	.009875	.0045671	.0005759	1.0953	.011505
%RSD	2.134497	20.45062	.8562540	60.01715	5.723217	1.017466	.8247508

#1	.1569399	-.008105	1.144104	.0125569	.0097217	108.6393	1.407083
#2	.1568129	-.011867	1.151982	.0067182	.0107274	107.8335	1.393812
#3	.1627475	-.011859	1.163727	.0035541	.0097384	106.4723	1.384167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081181	.0293983	181.5211	.1289923	.0752630	.3595618	176.4478
Stddev	.0000811	.0003196	.7247	.0044485	.0003171	.0039399	2.0989
%RSD	.9994530	1.087239	.3992362	3.448632	.4213569	1.095759	1.189539

#1	.0081066	.0290534	182.0697	.1341210	.0749937	.3640086	178.3989
#2	.0082044	.0294569	181.7940	.1266761	.0751828	.3581705	176.7175
#3	.0080433	.0296845	180.6996	.1261799	.0756126	.3565063	174.2271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.806258	58.57199	.1310078	-.023715	1.620017	.3561144	1.078280
Stddev	.007930	.65888	.0008876	.001507	.103860	.0038649	.046727
%RSD	.1650000	1.124903	.6774845	6.353771	6.411022	1.085299	4.333467

#1	4.802270	59.04340	.1305165	-.025450	1.706010	.3588001	1.131454
#2	4.815391	58.85345	.1304744	-.022727	1.649414	.3578583	1.043768
#3	4.801114	57.81913	.1320323	-.022969	1.504628	.3516848	1.059619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.18806	2.723415	.2342711	.0066681	2.764665	2.476439	.0070511
Stddev	.19543	.011419	.0048156	.0002654	.011615	.016835	.0012339
%RSD	.7188128	.4192978	2.055556	3.980334	.4201372	.6797937	17.49977

#1	27.33153	2.711353	.2397224	.0064135	2.751951	2.479248	.0060206
#2	27.26717	2.734059	.2324955	.0069431	2.767322	2.491692	.0067143
#3	26.96548	2.724833	.2305955	.0066476	2.774721	2.458376	.0084185

Sample Name: J3388-18 Acquired: 6/15/2018 17:46:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F91 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.117407	.1158523	.5454886
Stddev	.020697	.0015882	.0031242
%RSD	.9774722	1.370838	.5727329

#1	2.135549	.1176147	.5479622
#2	2.121809	.1154100	.5465259
#3	2.094863	.1145322	.5419777

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.093	2862.938	73213.11	9894.318	3775.623
Stddev	91.041	7.935	1975.24	81.545	18.623
%RSD	3.422480	.2771454	2.697934	.8241610	.4932338

#1	2555.080	2871.670	70933.62	9873.401	3795.432
#2	2708.400	2860.975	74285.67	9825.269	3772.966
#3	2716.800	2856.169	74420.04	9984.284	3758.472

Sample Name: J3388-19 Acquired: 6/15/2018 17:50:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F92 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1541480	-.015467	1.238638	.0080940	.0117244	97.18332	1.463002
Stddev	.0025648	.001618	.003292	.0031317	.0020868	.39496	.004505
%RSD	1.663873	10.46180	.2657771	38.69178	17.79836	.4064101	.3078967

#1	.1515325	-.016092	1.238338	.0107929	.0097083	96.78765	1.457853
#2	.1566589	-.013629	1.235507	.0046602	.0138753	97.57757	1.466214
#3	.1542526	-.016679	1.242071	.0088290	.0115897	97.18474	1.464938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074566	.0314215	190.3959	.1277782	.0731108	.4782383	177.8273
Stddev	.0000262	.0002241	.1632	.0010704	.0004137	.0008493	1.1037
%RSD	.3515446	.7131774	.0856916	.8377125	.5657942	.1775813	.6206820

#1	.0074348	.0315104	190.3207	.1265446	.0731924	.4783495	176.5583
#2	.0074492	.0311666	190.5831	.1284615	.0726625	.4790264	178.5645
#3	.0074857	.0315875	190.2840	.1283285	.0734776	.4773389	178.3590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.143634	58.35648	.1199605	-.022976	1.777968	.3812103	1.421979
Stddev	.011023	.36231	.0004419	.000198	.111788	.0092832	.014802
%RSD	.2143094	.6208614	.3683382	.8597283	6.287419	2.435202	1.040943

#1	5.156122	57.95176	.1198327	-.023104	1.648894	.3739872	1.421440
#2	5.139523	58.65060	.1195965	-.023075	1.841310	.3916810	1.407454
#3	5.135257	58.46708	.1204521	-.022748	1.843701	.3779626	1.437043

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.03418	3.478862	.2522282	.0075210	5.396012	7.009582	.0081188
Stddev	.14059	.021385	.0017114	.0001851	.055004	.055884	.0017994
%RSD	.5849761	.6147173	.6784994	2.460695	1.019349	.7972496	22.16354

#1	23.87191	3.487674	.2511733	.0074388	5.412571	6.955433	.0077409
#2	24.11092	3.454478	.2513086	.0073913	5.334630	7.067052	.0100772
#3	24.11970	3.494432	.2542028	.0077329	5.440834	7.006260	.0065384

Sample Name: J3388-19 Acquired: 6/15/2018 17:50:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0F92 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.499939	.1144380	.6124415
Stddev	.011493	.0003647	.0008445
%RSD	.4597186	.3186492	.1378958

#1	2.493671	.1140432	.6123681
#2	2.513203	.1147622	.6116361
#3	2.492943	.1145086	.6133204

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.229	2807.977	73632.24	9792.044	3751.937
Stddev	3.083	4.307	72.97	29.343	11.432
%RSD	.1164292	.1533770	.0990971	.2996598	.3046943

#1	2646.121	2807.343	73671.64	9821.068	3752.074
#2	2646.799	2812.565	73677.04	9762.393	3763.299
#3	2651.768	2804.022	73548.04	9792.671	3740.437

Sample Name: J3388-20 Acquired: 6/15/2018 17:54:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1704814	-.011972	1.179269	.0065675	.0102842	94.55939	1.143443
Stddev	.0057103	.001569	.010684	.0016319	.0014742	.14079	.001424
%RSD	3.349500	13.10307	.9059722	24.84821	14.33409	.1488871	.1245131

#1	.1698557	-.013220	1.169409	.0047024	.0115354	94.59471	1.142695
#2	.1651097	-.010211	1.177777	.0077329	.0106581	94.67916	1.142549
#3	.1764787	-.012484	1.190620	.0072672	.0086591	94.40431	1.145085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071599	.0263419	134.5542	.1158001	.0675351	.3162790	161.1140
Stddev	.0001592	.0005608	.3131	.0009341	.0006870	.0046722	1.1206
%RSD	2.224176	2.128762	.2326980	.8066132	1.017312	1.477244	.6955368

#1	.0073416	.0261487	134.2633	.1159970	.0670168	.3148938	161.2517
#2	.0070932	.0259032	134.5137	.1147833	.0672741	.3124560	162.1595
#3	.0070448	.0269737	134.8856	.1166201	.0683144	.3214872	159.9310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.493018	68.81543	.1122088	-.021025	1.348481	.3318994	.9578127
Stddev	.006234	.23970	.0014930	.000845	.211306	.0060281	.0262944
%RSD	.1134968	.3483290	1.330524	4.019466	15.66994	1.816257	2.745254

#1	5.486882	68.80051	.1107552	-.020120	1.464028	.3384710	.9870455
#2	5.492827	69.06224	.1121329	-.021159	1.476816	.3266265	.9503012
#3	5.499347	68.58353	.1137383	-.021795	1.104597	.3306006	.9360915

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.65979	1.960726	.2215791	.0062219	2.558429	5.712495	.0046497
Stddev	.05956	.024858	.0027837	.0003039	.033923	.025937	.0012331
%RSD	.2321080	1.267801	1.256306	4.883725	1.325922	.4540380	26.51912

#1	25.62635	1.944929	.2209034	.0058737	2.530598	5.736338	.0052366
#2	25.62447	1.947871	.2246385	.0063586	2.548474	5.716270	.0054796
#3	25.72856	1.989380	.2191955	.0064335	2.596216	5.684878	.0032328

Sample Name: J3388-20 Acquired: 6/15/2018 17:54:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0F93 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.172634	.0993596	.4248083
Stddev	.002332	.0006651	.0002272
%RSD	.1073279	.6693798	.0534897

#1	2.175323	.0991670	.4247881
#2	2.171157	.1000998	.4245918
#3	2.171423	.0988121	.4250449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2686.490	2820.426	73994.29	9798.527	3784.015
Stddev	6.739	25.911	195.48	32.324	37.827
%RSD	.2508318	.9186751	.2641807	.3298896	.9996503

#1	2684.070	2836.478	73877.00	9780.763	3811.201
#2	2681.295	2834.266	73885.92	9778.980	3800.030
#3	2694.104	2790.534	74219.95	9835.838	3740.815

Sample Name: J3388-21 Acquired: 6/15/2018 17:59:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1194946	-.013217	1.489793	.0074651	.0114913	79.04231	1.015889
Stddev	.0029473	.000770	.002882	.0023271	.0007038	.35381	.001232
%RSD	2.466439	5.828442	.1934759	31.17328	6.124852	.4476197	.1212376

#1	.1180065	-.014046	1.487506	.0065742	.0109050	79.43529	1.017037
#2	.1228892	-.012524	1.488842	.0101061	.0122719	78.74910	1.016043
#3	.1175881	-.013081	1.493030	.0057151	.0112972	78.94254	1.014588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061965	.0390564	200.2791	.1406888	.0629349	.4068137	182.4977
Stddev	.0001592	.0002289	.4966	.0004347	.0001157	.0013426	1.8416
%RSD	2.568689	.5860862	.2479451	.3089886	.1837928	.3300378	1.009084

#1	.0060599	.0391105	200.6178	.1403630	.0628087	.4083189	184.3994
#2	.0061583	.0388053	200.5105	.1411824	.0629601	.4057395	180.7228
#3	.0063713	.0392534	199.7091	.1405209	.0630359	.4063827	182.3709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.159958	42.95063	.0885399	-.021472	1.213196	.4869898	1.498673
Stddev	.008278	.40698	.0002490	.000508	.049983	.0059319	.037990
%RSD	.1989913	.9475534	.2811852	2.368133	4.119915	1.218081	2.534897

#1	4.166242	43.37557	.0883196	-.021229	1.161714	.4880005	1.512163
#2	4.163053	42.56437	.0888100	-.021130	1.216344	.4806174	1.455779
#3	4.150578	42.91196	.0884901	-.022056	1.261530	.4923514	1.528077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.37678	2.523728	.2499559	.0075571	3.949947	2.982618	.0043644
Stddev	.03811	.013345	.0051304	.0002814	.014026	.011668	.0009534
%RSD	.1563564	.5287660	2.052517	3.723158	.3551035	.3911896	21.84416

#1	24.38298	2.518010	.2526959	.0078753	3.937919	2.992721	.0050900
#2	24.33595	2.514195	.2440372	.0074550	3.946568	2.985285	.0047185
#3	24.41142	2.538978	.2531345	.0073410	3.965354	2.969847	.0032847

Sample Name: J3388-21 Acquired: 6/15/2018 17:59:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0F94 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.778690	.0911073	.5710637
Stddev	.010733	.0009694	.0009902
%RSD	.6034065	1.064025	.1733879

#1	1.790948	.0910175	.5720400
#2	1.774139	.0921184	.5700602
#3	1.770983	.0901859	.5710909

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.505	2779.560	72204.72	9570.057	3808.398
Stddev	12.412	8.046	27.50	48.127	9.359
%RSD	.4734759	.2894702	.0380901	.5028911	.2457454

#1	2615.812	2785.599	72182.77	9519.060	3812.666
#2	2635.743	2782.655	72235.57	9576.430	3814.862
#3	2612.961	2770.426	72195.81	9614.679	3797.665

Sample Name: J3388-22 Acquired: 6/15/2018 18:03:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1153788	-.020110	.9077656	.0056401	.0125494	95.94114	1.187313
Stddev	.0048834	.004319	.0058149	.0021428	.0010675	.56371	.001694
%RSD	4.232505	21.47672	.6405694	37.99166	8.506671	.5875592	.1427098

#1	.1101899	-.023782	.9014311	.0057611	.0128396	95.32324	1.186646
#2	.1160616	-.015351	.9090046	.0034394	.0113668	96.42734	1.189240
#3	.1198849	-.021195	.9128612	.0077198	.0134418	96.07285	1.186054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064772	.0241410	229.7376	.2317772	.0938295	.4535212	196.4037
Stddev	.0000770	.0000326	.4476	.0065172	.0004761	.0031007	3.0606
%RSD	1.189293	.1350100	.1948281	2.811848	.5073945	.6836990	1.558325

#1	.0063968	.0241263	230.1167	.2263816	.0937512	.4569528	192.9216
#2	.0065503	.0241184	229.2439	.2390181	.0933975	.4526899	198.6678
#3	.0064845	.0241784	229.8523	.2299319	.0943399	.4509208	197.6216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.386928	58.80090	.1864299	-.030356	1.641169	.5212411	1.018021
Stddev	.011584	1.07096	.0010458	.001169	.143866	.0090227	.027475
%RSD	.2640657	1.821330	.5609474	3.850882	8.766094	1.731001	2.698875

#1	4.398791	57.56436	.1859430	-.029429	1.706604	.5128730	1.006857
#2	4.375644	59.43300	.1857164	-.031669	1.476216	.5308001	1.049321
#3	4.386348	59.40533	.1876304	-.029971	1.740688	.5200503	.997886

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.78475	3.470080	.2728669	.0067894	3.745242	15.73541	.0115860
Stddev	.11402	.031531	.0050141	.0002075	.027497	.11730	.0011120
%RSD	.3186212	.9086587	1.837579	3.056797	.7341887	.7454795	9.597734

#1	35.71210	3.442806	.2680503	.0068943	3.718804	15.60477	.0111866
#2	35.72599	3.462827	.2780577	.0069235	3.743234	15.76971	.0107289
#3	35.91616	3.504605	.2724927	.0065503	3.773688	15.83173	.0128425

Sample Name: J3388-22 Acquired: 6/15/2018 18:03:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F95 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.908005	.1258817	.6569246
Stddev	.058444	.0015884	.0006679
%RSD	.8460316	1.261823	.1016731

#1	6.842777	.1240482	.6564411
#2	6.955607	.1268370	.6576867
#3	6.925633	.1267601	.6566459

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2547.036	2762.257	70820.84	9587.454	3736.373
Stddev	61.419	8.727	1613.54	46.403	12.661
%RSD	2.411379	.3159456	2.278345	.4839930	.3388598

#1	2587.570	2772.324	71902.96	9606.319	3747.431
#2	2476.371	2757.612	68966.28	9621.453	3739.126
#3	2577.168	2756.834	71593.27	9534.590	3722.562

Sample Name: CCV027 Acquired: 6/15/2018 18:07:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.039689	4.909608	24.46098	5.049898	5.090976	391.4572
Stddev	.034713	.031498	.06368	.017288	.006395	.5902
%RSD	.6887877	.6415519	.2603501	.3423482	.1256240	.1507627

#1	5.018315	4.885326	24.43508	5.037186	5.092809	392.1134
#2	5.021010	4.898300	24.41433	5.042924	5.083865	391.2883
#3	5.079741	4.945199	24.53353	5.069584	5.096256	390.9698

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33236	.5032920	2.453955	388.0340	15.30792	2.482373
Stddev	.03270	.0034071	.004330	.2958	.01072	.007618
%RSD	.3164642	.6769709	.1764318	.0762366	.0700355	.3068793

#1	10.36612	.5002050	2.454607	387.7216	15.29956	2.482257
#2	10.33012	.5027232	2.449337	388.3099	15.30421	2.474814
#3	10.30083	.5069477	2.457922	388.0706	15.32001	2.490048

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39245	381.8431	14.81874	388.8524	2.517868	1.252879
Stddev	.03069	1.3248	.05572	1.8670	.009893	.004429
%RSD	.1993776	.3469447	.3760162	.4801371	.3928967	.3534996

#1	15.38430	383.3193	14.75816	390.2747	2.522061	1.257355
#2	15.42639	381.4527	14.86780	386.7382	2.506570	1.252784
#3	15.36666	380.7575	14.83026	389.5443	2.524974	1.248498

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	381.6832	2.531352	15.26751	157.9412	F 6.319340	5.156210
Stddev	.4692	.013324	.10726	.3671	.031263	.025315
%RSD	.1229284	.5263519	.7025403	.2324418	.4947237	.4909692

#1	381.4347	2.546729	15.35209	157.6446	6.295372	5.136871
#2	381.3906	2.524106	15.30359	158.3518	6.307946	5.146895
#3	382.2244	2.523222	15.14687	157.8271	6.354703	5.184863

Sample Name: CCV027 Acquired: 6/15/2018 18:07:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV027 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.017521	5.227883	4.975529	5.059871	5.096208	5.242531
Stddev	.015137	.035930	.040995	.014986	.006513	.008624
%RSD	.3016737	.6872740	.8239305	.2961655	.1278041	.1644948

#1	5.008702	5.214220	4.950540	5.067378	5.103721	5.251502
#2	5.008863	5.200788	4.953207	5.042615	5.092729	5.241786
#3	5.034999	5.268640	5.022841	5.069619	5.092172	5.234303

Elem	Sr4077
Units	ppm
Avg	5.165120
Stddev	.008244
%RSD	.1596009

#1	5.158052
#2	5.174175
#3	5.163133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.171	2236.872	60954.68	8313.811	3159.024
Stddev	11.813	4.225	160.03	45.167	7.576
%RSD	.5493829	.1888840	.2625441	.5432774	.2398361

#1	2141.196	2237.634	60962.52	8355.858	3154.598
#2	2145.763	2240.664	60790.88	8319.511	3167.772
#3	2163.554	2232.318	61110.66	8266.065	3154.701

Sample Name: CCB027 Acquired: 6/15/2018 18:10:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000544	.0005473	.0000273	-.001705	.0001638	.0072860	-.001782
Stddev	.000705	.0014898	.0002831	.002001	.0000741	.0042426	.000456
%RSD	129.7085	272.1879	1037.431	117.3866	45.23493	58.22940	25.61393

#1	-.000215	.0005918	.0001350	.000226	.0002481	.0121170	-.001257
#2	-.001354	.0020144	.0002408	-.003770	.0001090	.0055751	-.002088
#3	-.000063	-.000964	-.000294	-.001570	.0001343	.0041661	-.002000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000520	-.000001	.0010509	.0001872	-.000221	-.001497	.0149797
Stddev	.0000381	.000021	.0062370	.0002044	.000232	.001134	.0131773
%RSD	73.21591	3856.642	593.5154	109.1643	104.7999	75.74548	87.96765

#1	.0000259	.000001	.0026924	.0001033	-.000146	-.001521	.0299197
#2	.0000343	.000020	.0063029	.0004202	-.000036	-.002619	.0100068
#3	.0000956	-.000023	-.005843	.0000381	-.000481	-.000351	.0050124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000415	.0296408	-.000094	-.000013	-.117775	.0005780	-.001883
Stddev	.000372	.0350922	.000181	.000191	.147175	.0021956	.002604
%RSD	89.48132	118.3917	192.5430	1446.841	124.9626	379.8880	138.3187

#1	-.000071	.0698133	-.000300	-.000233	-.008397	.0016511	-.003974
#2	-.000809	.0049626	.000038	.000107	-.059824	-.001948	.001034
#3	-.000366	.0141463	-.000019	.000087	-.285105	.002031	-.002709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.246945	-.002433	.0006020	.0003973	-.017278	-.002896	.0001798
Stddev	.029268	.001190	.0003906	.0001613	.001196	.001210	.0008440
%RSD	11.85218	48.90633	64.88612	40.60340	6.920310	41.77059	469.4932

#1	-.275547	-.003145	.0009260	.0005309	-.017940	-.004086	-.000345
#2	-.217053	-.001059	.0001682	.0002181	-.015897	-.002933	-.000269
#3	-.248235	-.003094	.0007119	.0004429	-.017996	-.001668	.001153

Sample Name: CCB027 Acquired: 6/15/2018 18:10:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v566) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB027 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013899	-.000076	.0000528
Stddev	.0005598	.000596	.0000445
%RSD	40.27706	789.3707	84.29910

#1	.0008093	-.000713	.0000232
#2	.0019263	.000469	.0000312
#3	.0014342	.000018	.0001040

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.093	2703.775	69434.22	8877.125	4252.441
Stddev	30.529	34.995	610.26	53.563	62.642
%RSD	1.196684	1.294291	.8789048	.6033768	1.473091

#1	2519.592	2722.567	68750.30	8857.050	4281.750
#2	2553.140	2725.359	69629.19	8836.500	4295.055
#3	2580.546	2663.399	69923.17	8937.825	4180.516