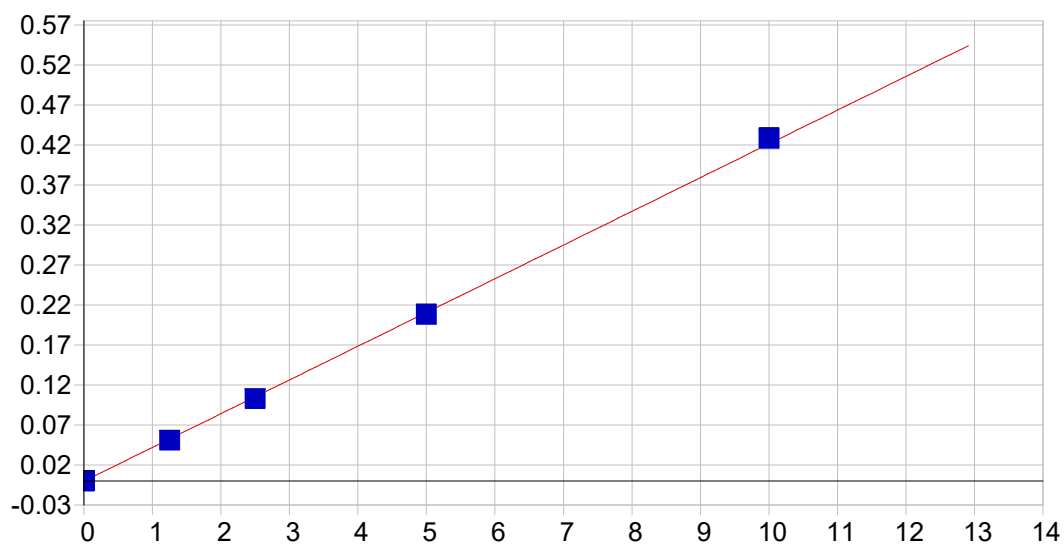


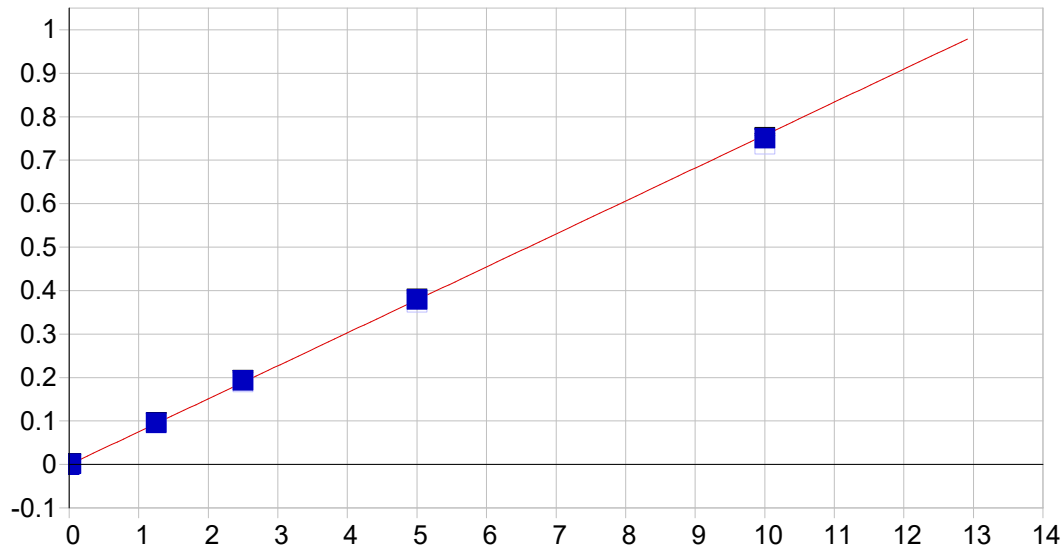


As 189.042 {479}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000224 Re-Slope: 1.000000
 A1 (Gain): 0.042144 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.003050
 Predicted MQL: 0.010166

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.01000	.00835	-.002	-16.5	.00013	.000	1
S2	1.2500	1.2093	-.041	-3.25	.05062	.000	1
S3	2.5000	2.4462	-.054	-2.15	.10262	.000	1
S4	5.0000	4.9416	-.058	-1.17	.20754	.001	1
S5	10.000	10.154	.154	1.54	.42673	.001	1

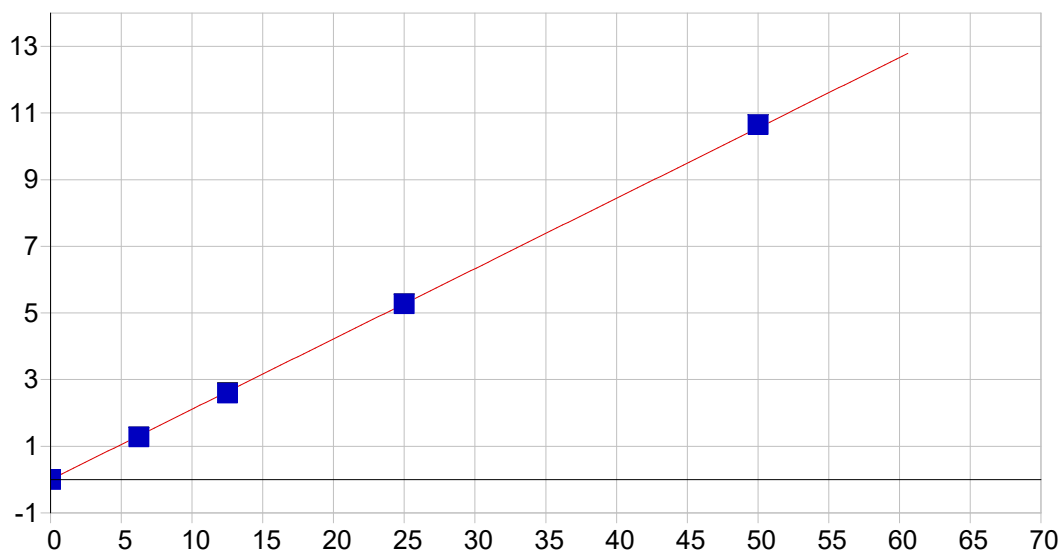


TI 190.856 {477}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000590 Re-Slope: 1.000000
 A1 (Gain): 0.075835 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.001828
 Predicted MQL: 0.006092

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00059	.000	1
S1	.02500	.02498	-.000	-.064	.00123	.000	1
S2	1.2500	1.2750	.025	2.00	.09435	.000	1
S3	2.5000	2.5551	.055	2.20	.18968	.001	1
S4	5.0000	5.0138	.014	.276	.37264	.001	1
S5	10.000	9.9061	-.094	-.939	.73666	.002	1

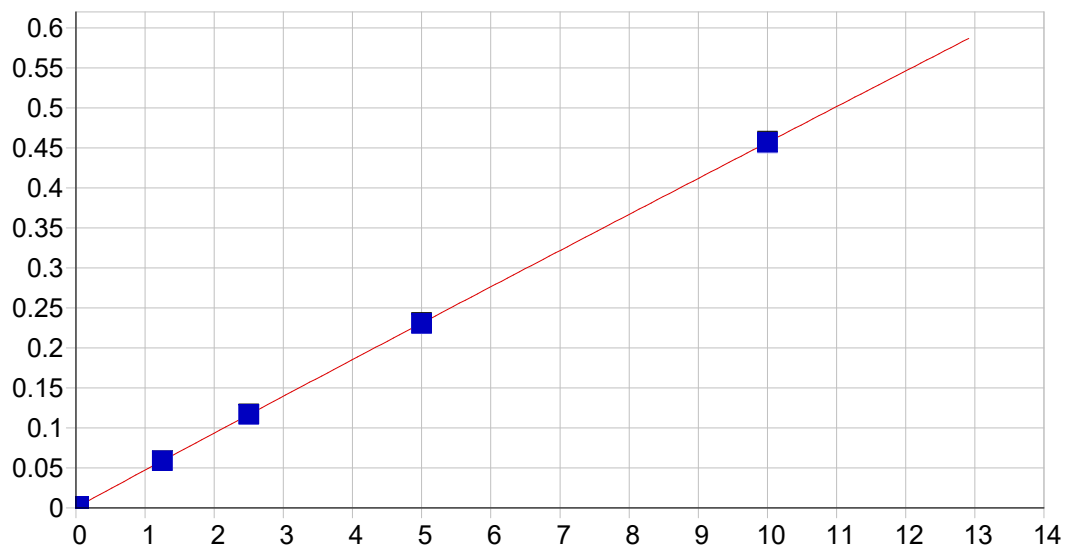


Pb 220.353 {453}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000156	Re-Slope:	1.000000
A1 (Gain):	0.211039	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999918	Status:	OK.
Std Error of Est:	0.000101		
Predicted MDL:	0.001547		
Predicted MQL:	0.005155		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.01000	.00950	-.001	-5.03	.00216	.000	1
S2	6.2500	6.0327	-.217	-3.48	1.2735	.005	1
S3	12.500	12.291	-.209	-1.67	2.5946	.012	1
S4	25.000	24.966	-.034	-.137	5.2700	.002	1
S5	50.000	50.461	.461	.922	10.651	.002	1

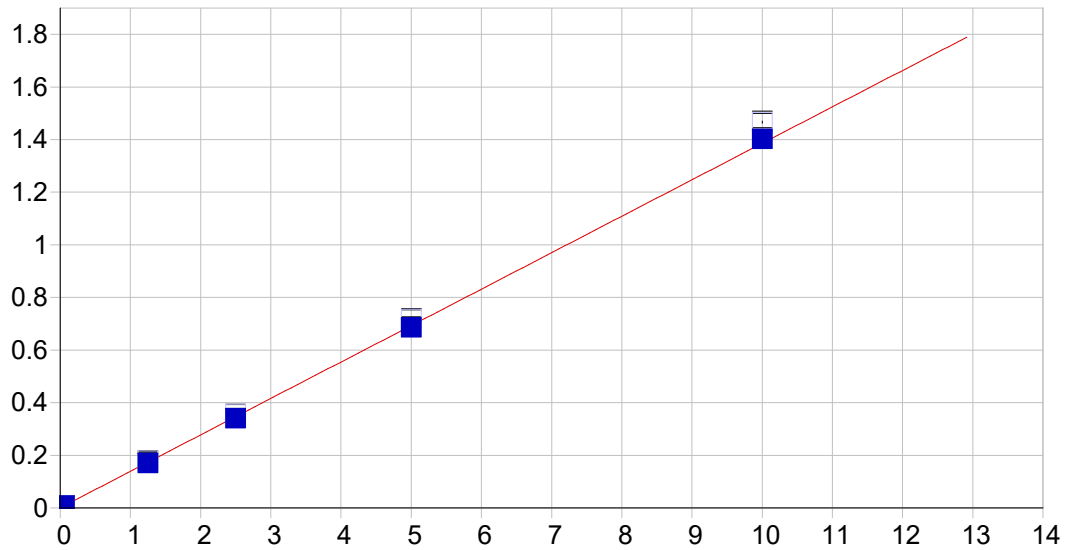


Se 196.090 {472}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000222	Re-Slope:	1.000000
A1 (Gain):	0.047085	Y-int:	0.000000
A2 (Curvature):	-0.000038		
n (Exponent):	0.990000		
Correlation:	0.999999	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	0.003246		
Predicted MQL:	0.010819		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.03500	.03448	-.001	-1.49	.00190	.000	1
S2	1.2500	1.2511	.001	.091	.05879	.000	1
S3	2.5000	2.5066	.007	.263	.11662	.000	1
S4	5.0000	4.9891	-.011	-.219	.22986	.001	1
S5	10.000	10.004	.004	.037	.45570	.002	1

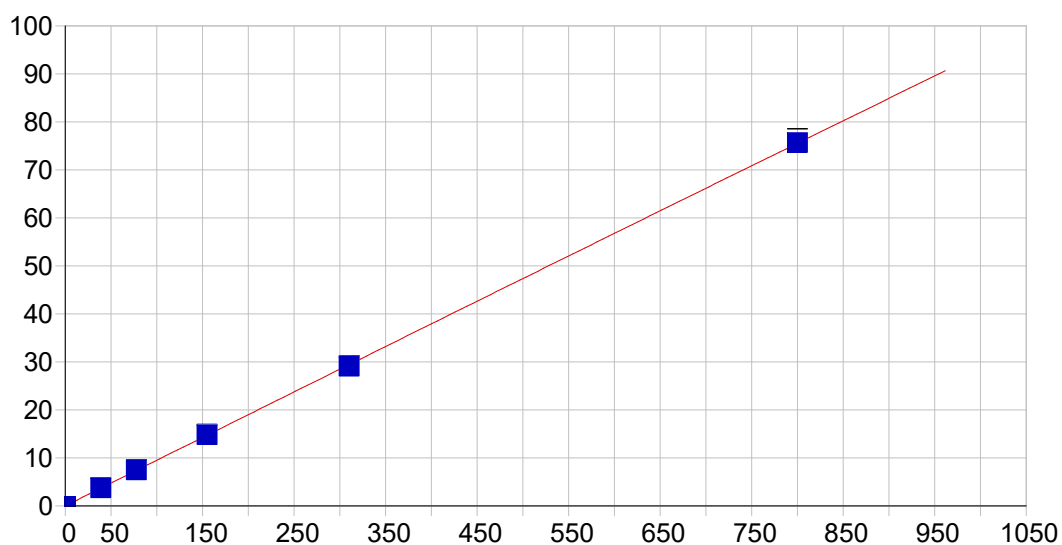


Sb 206.833 {463}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000355	Re-Slope:	1.000000
A1 (Gain):	0.138535	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999917	Status:	OK.
Std Error of Est:	0.000077		
Predicted MDL:	0.001616		
Predicted MQL:	0.005387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.06000	.06264	.003	4.41	.00904	.000	1
S2	1.2500	1.2287	-.021	-1.70	.17855	.001	1
S3	2.5000	2.4524	-.048	-1.91	.35604	.000	1
S4	5.0000	4.9462	-.054	-1.08	.71747	.002	1
S5	10.000	10.120	.120	1.20	1.4661	.004	1

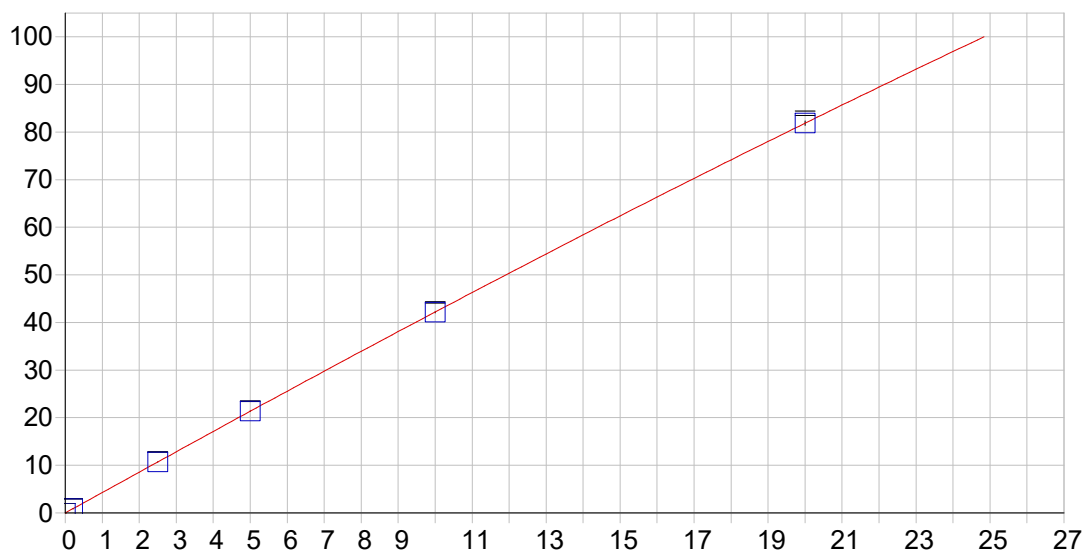


AI 396.152 { 85}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.003824 Re-Slope: 1.000000
 A1 (Gain): 0.095195 Y-int: 0.000000
 A2 (Curvature): -0.000001
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000504
 Predicted MDL: 0.010743
 Predicted MQL: 0.035809

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00382	.001	1
S1	.20000	.20327	.003	1.63	.02350	.001	1
S2	38.750	39.311	.561	1.45	3.7519	.007	1
S3	77.500	78.639	1.14	1.47	7.4987	.048	1
S4	155.00	155.98	.983	.634	14.859	.076	1
S5	310.00	306.14	-3.86	-1.25	29.116	.179	1
S6	800.00	801.18	1.18	.147	75.711	.809	1

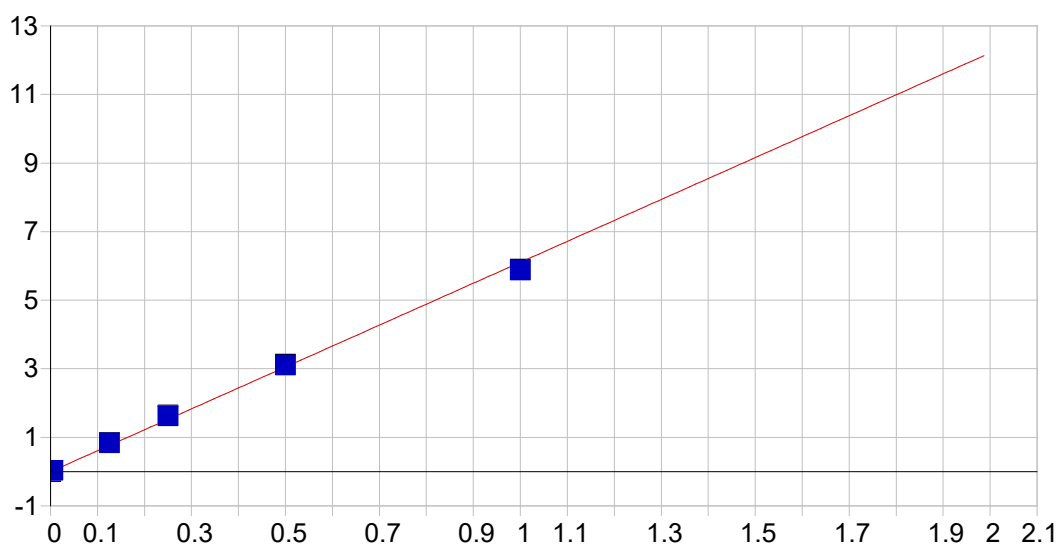


Ba 493.409 { 68}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.018138	Re-Slope:	1.000000
A1 (Gain):	4.271376	Y-int:	0.000000
A2 (Curvature):	-0.014533		
n (Exponent):	1.010000		
Correlation:	0.999999	Status:	OK.
Std Error of Est:	0.000782		
Predicted MDL:	0.000562		
Predicted MQL:	0.001874		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01814	.003	1
S1	.20000	.20040	.000	.202	.85992	.004	1
S2	2.5000	2.4991	-.001	-.035	10.699	.026	1
S3	5.0000	5.0116	.012	.233	21.396	.064	1
S4	10.000	9.9830	-.017	-.170	42.135	.148	1
S5	20.000	20.006	.006	.030	81.895	.474	1

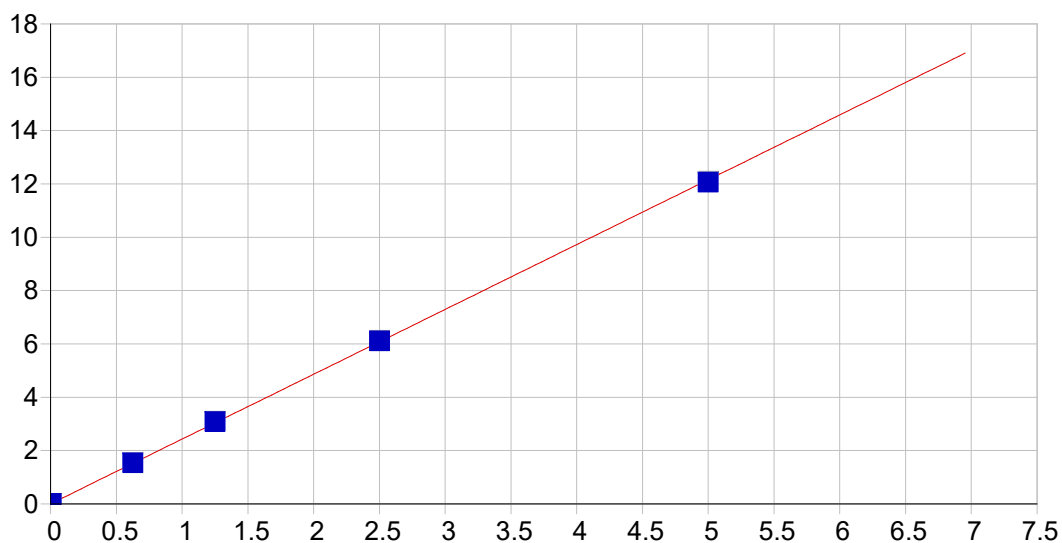


Be 234.861 {144}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001635	Re-Slope:	1.000000
A1 (Gain):	6.107130	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998973	Status:	OK.
Std Error of Est:	0.001036		
Predicted MDL:	0.000068		
Predicted MQL:	0.000227		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00164	.000	1
S1	.00500	.00546	.000	9.13	.03167	.000	1
S2	.12500	.13697	.012	9.57	.83232	.006	1
S3	.25000	.26650	.017	6.60	1.6209	.020	1
S4	.50000	.50866	.009	1.73	3.0947	.033	1
S5	1.0000	.96241	-.038	-3.76	5.8556	.035	1

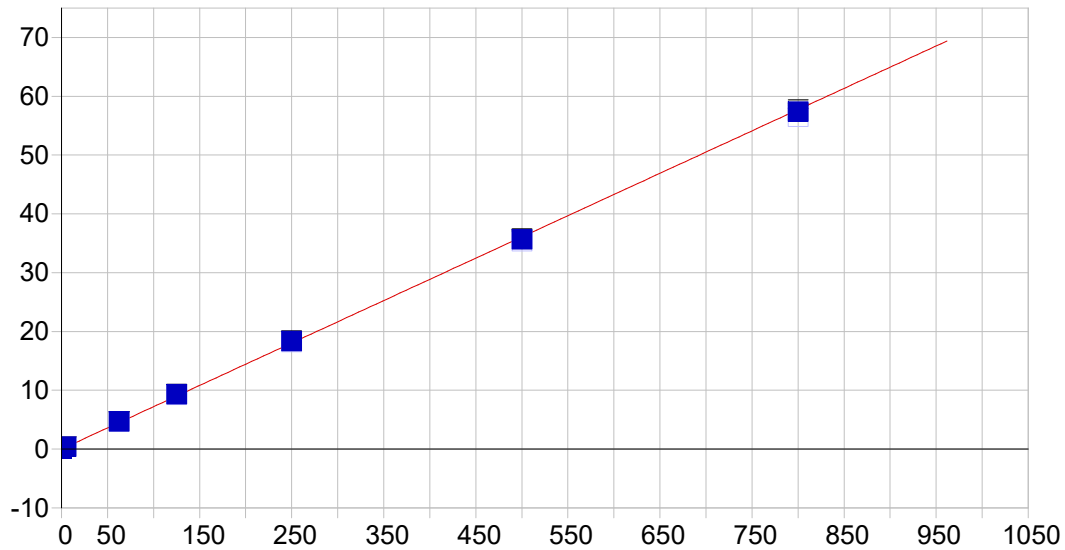


Cd 214.438 {457}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000154 Re-Slope: 1.000000
 A1 (Gain): 2.431134 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.000084
 Predicted MQL: 0.000280

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.00500	.00501	.000	.261	.01235	.000	1
S2	.62500	.63392	.009	1.43	1.5436	.002	1
S3	1.2500	1.2664	.016	1.31	3.0837	.008	1
S4	2.5000	2.5119	.012	.475	6.1162	.018	1
S5	5.0000	4.9628	-.037	-.745	12.084	.017	1

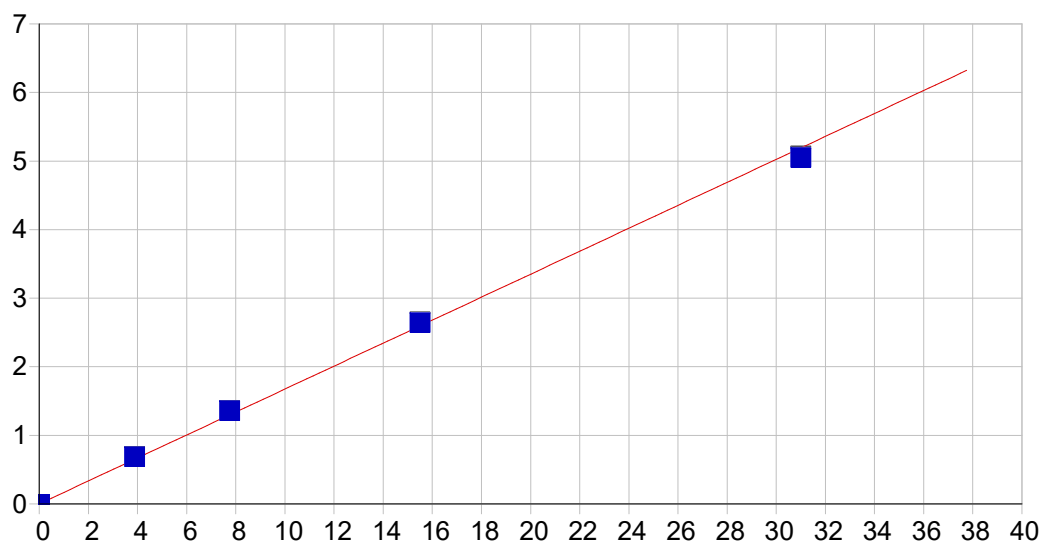


Ca 373.690 { 90}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000284 Re-Slope: 1.000000
 A1 (Gain): 0.072164 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.003758
 Predicted MDL: 0.012178
 Predicted MQL: 0.040594

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00046	-.000	.000	.00025	.001	1
S1	5.0000	5.1184	.118	2.37	.36954	.001	1
S2	62.500	64.747	2.25	3.59	4.6323	.012	1
S3	125.00	128.99	3.99	3.19	9.2279	.010	1
S4	250.00	254.42	4.42	1.77	18.199	.050	1
S5	500.00	494.19	-5.81	-1.16	35.340	.076	1
S6	800.00	795.00	-5.00	-.625	56.510	.311	1

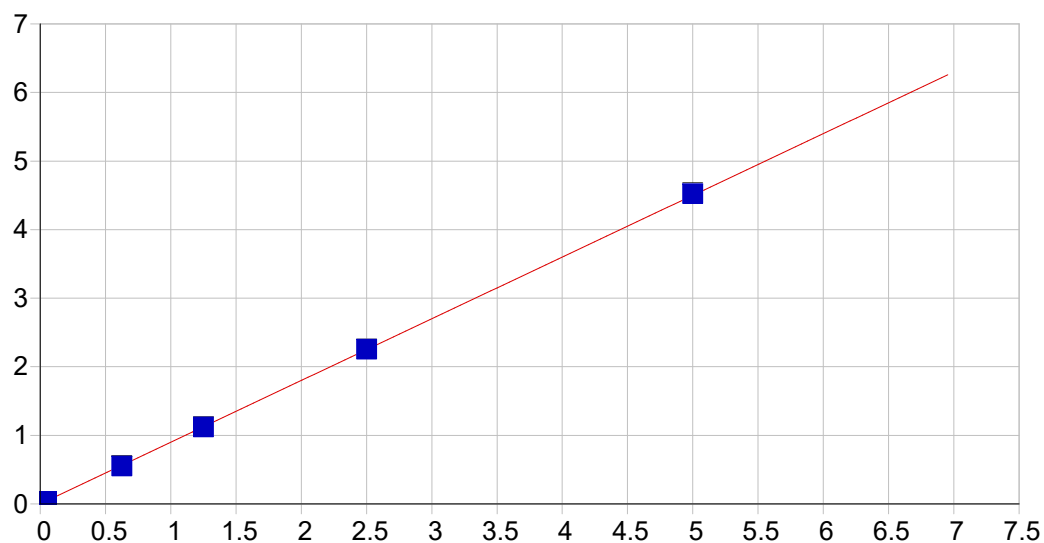


Cr 267.716 {126}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000071 Re-Slope: 1.000000
 A1 (Gain): 0.167474 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999532 Status: OK.
 Std Error of Est: 0.000152
 Predicted MDL: 0.000514
 Predicted MQL: 0.001714

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.01089	.001	8.89	.00190	.000	1
S2	3.8750	4.0853	.210	5.43	.68506	.001	1
S3	7.7500	8.0973	.347	4.48	1.3578	.004	1
S4	15.500	15.778	.278	1.79	2.6457	.007	1
S5	31.000	30.163	-.837	-2.70	5.0581	.014	1

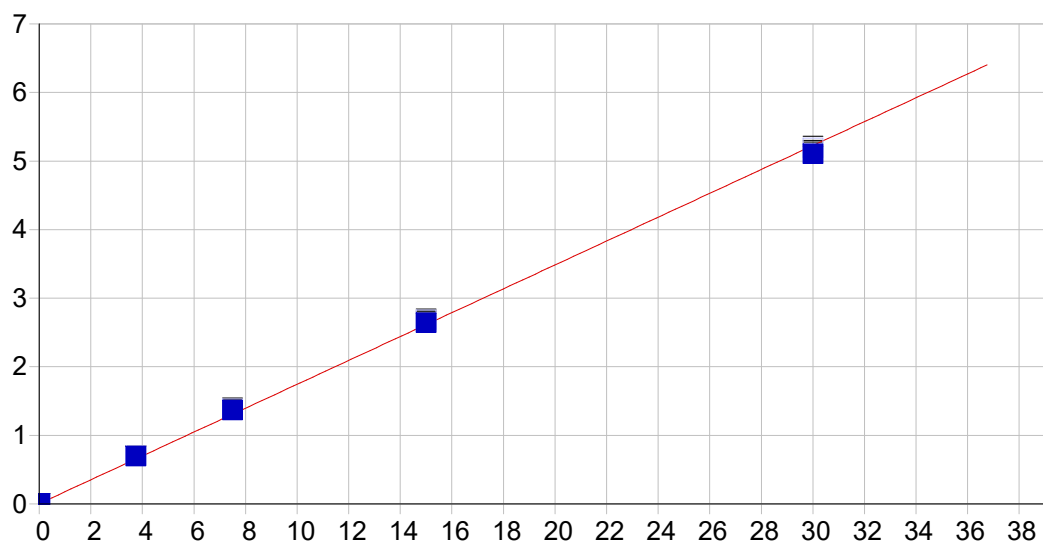


Co 228.616 {448}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000383	Re-Slope:	1.000000
A1 (Gain):	0.900226	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.000189		
Predicted MDL:	0.000250		
Predicted MQL:	0.000835		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.05000	.04697	-.003	-6.06	.04283	.000	1
S2	.62500	.61222	-.013	-2.04	.55242	.001	1
S3	1.2500	1.2420	-.008	-.640	1.1203	.004	1
S4	2.5000	2.5030	.003	.121	2.2572	.003	1
S5	5.0000	5.0208	.021	.416	4.5274	.007	1

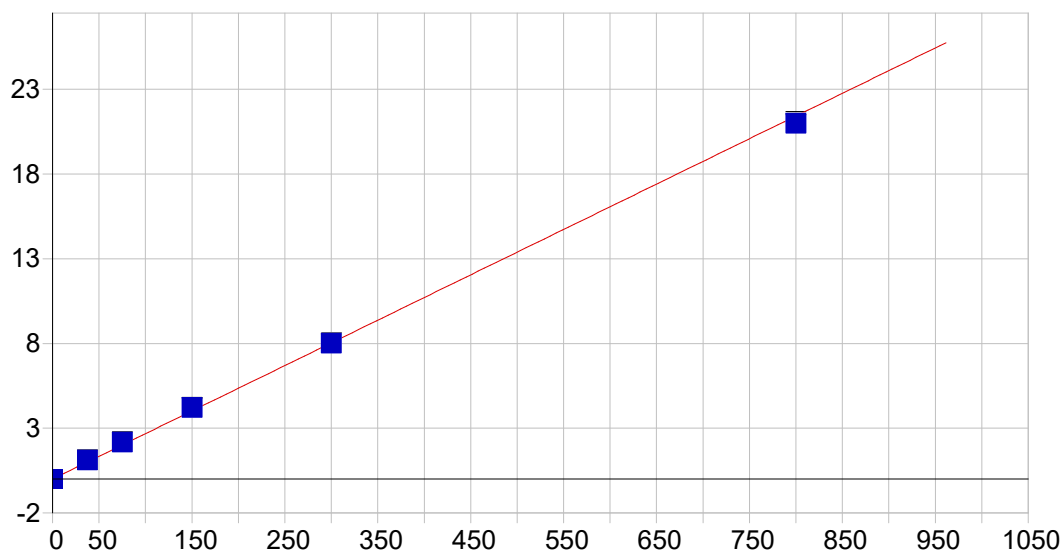


Cu 324.754 {104}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003344	Re-Slope:	1.000000
A1 (Gain):	0.174082	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999607	Status:	OK.
Std Error of Est:	0.000228		
Predicted MDL:	0.003065		
Predicted MQL:	0.010215		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00334	.000	1
S1	.02500	.02195	-.003	-12.2	.00804	.001	1
S2	3.7500	3.9732	.223	5.95	.70548	.001	1
S3	7.5000	7.8238	.324	4.32	1.3863	.014	1
S4	15.000	15.157	.157	1.05	2.6838	.012	1
S5	30.000	29.299	-.701	-2.34	5.1876	.031	1

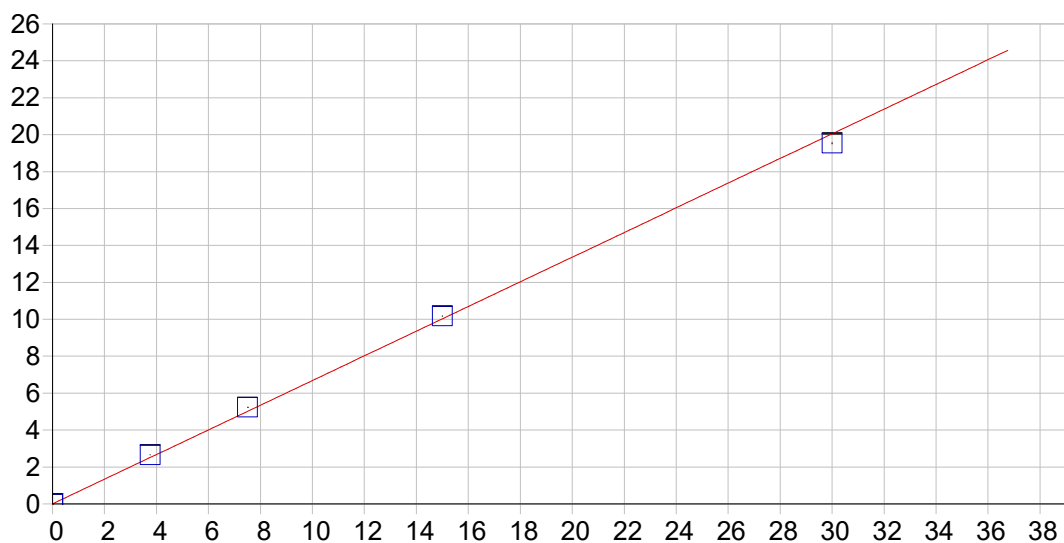


Fe 259.837 {130}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000143	Re-Slope:	1.000000
A1 (Gain):	0.026779	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999411	Status:	OK.
Std Error of Est:	0.000402		
Predicted MDL:	0.009705		
Predicted MQL:	0.032350		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00014	.000	1
S1	.10000	.10488	.005	4.88	.00306	.000	1
S2	37.500	41.445	3.94	10.5	1.1121	.000	1
S3	75.000	81.277	6.28	8.37	2.1808	.003	1
S4	150.00	157.11	7.11	4.74	4.2157	.013	1
S5	300.00	298.88	-1.12	-.374	8.0205	.026	1
S6	800.00	783.77	-16.2	-2.03	21.016	.082	1

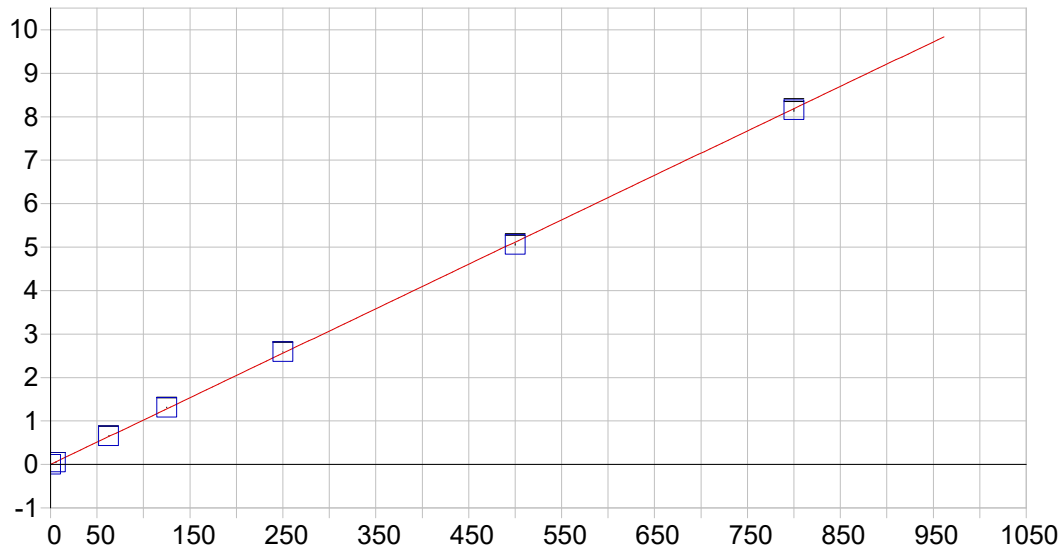


Mn 257.610 {131}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000249	Re-Slope:	1.000000
A1 (Gain):	0.668285	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999539	Status:	OK.
Std Error of Est:	0.000722		
Predicted MDL:	0.000447		
Predicted MQL:	0.001489		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.01500	.01680	.002	12.0	.01147	.000	1
S2	3.7500	3.9745	.224	5.99	2.6563	.008	1
S3	7.5000	7.8318	.332	4.42	5.2341	.008	1
S4	15.000	15.222	.222	1.48	10.173	.018	1
S5	30.000	29.220	-.780	-2.60	19.528	.036	1

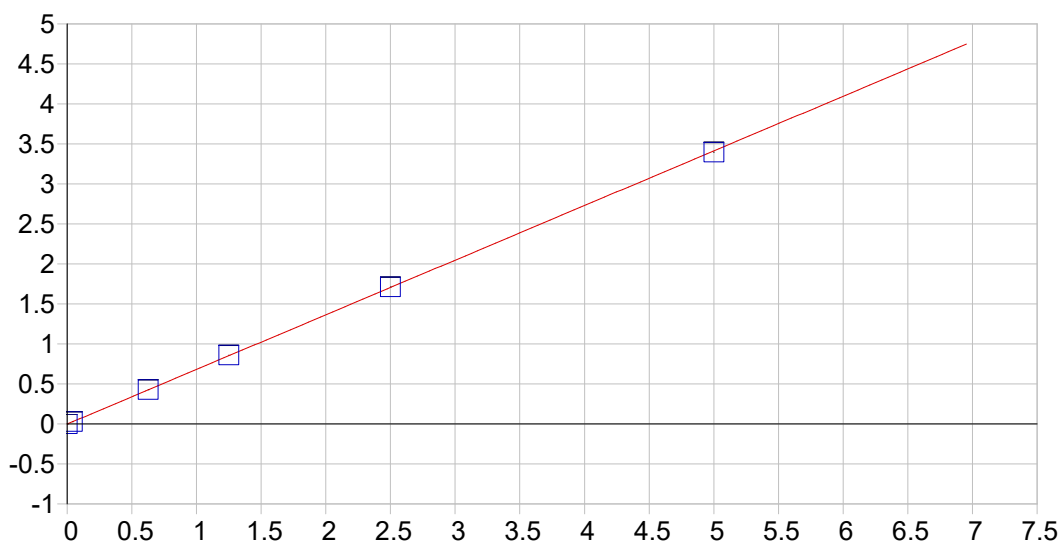


Mg 279.079 {121}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.010233 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000425
 Predicted MDL: 0.030761
 Predicted MQL: 0.102536

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00042	-.000	.000	-.00005	.000	1
S1	5.0000	5.1535	.153	3.07	.05269	.000	1
S2	62.500	64.279	1.78	2.85	.65772	.000	1
S3	125.00	128.26	3.26	2.61	1.3124	.006	1
S4	250.00	253.08	3.08	1.23	2.5897	.005	1
S5	500.00	494.63	-5.37	-1.07	5.0615	.018	1
S6	800.00	797.10	-2.90	-.363	8.1566	.035	1

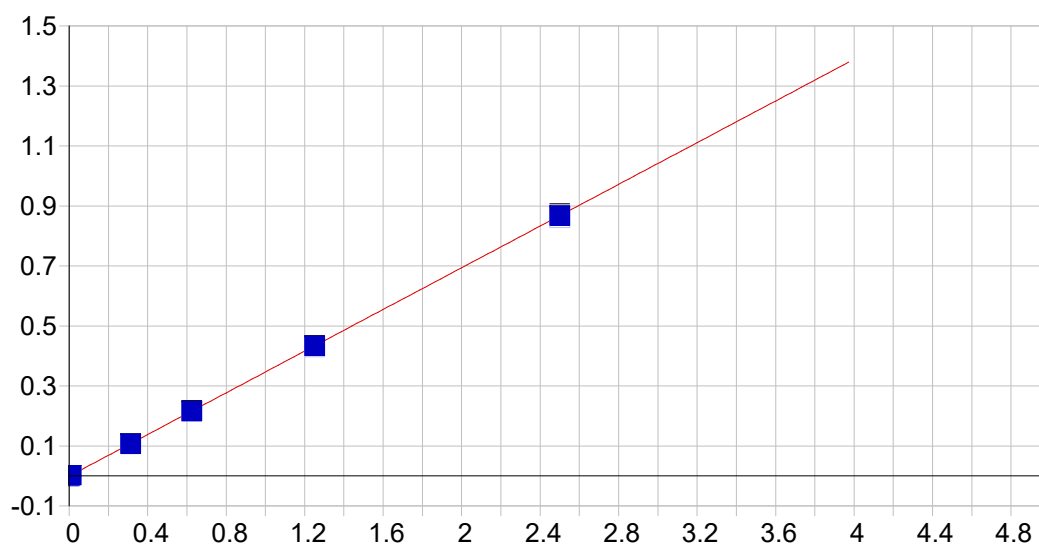


Ni 231.604 {446}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001725 Re-Slope: 1.000000
A1 (Gain): 0.682838 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999981 Status: OK.
Std Error of Est: 0.000099
Predicted MDL: 0.000381
Predicted MQL: 0.001269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00173	.000	1
S1	.04000	.04156	.002	3.91	.02666	.000	1
S2	.62500	.62942	.004	.708	.42807	.000	1
S3	1.2500	1.2596	.010	.770	.85839	.002	1
S4	2.5000	2.5108	.011	.431	1.7127	.000	1
S5	5.0000	4.9736	-.026	-.528	3.3944	.004	1

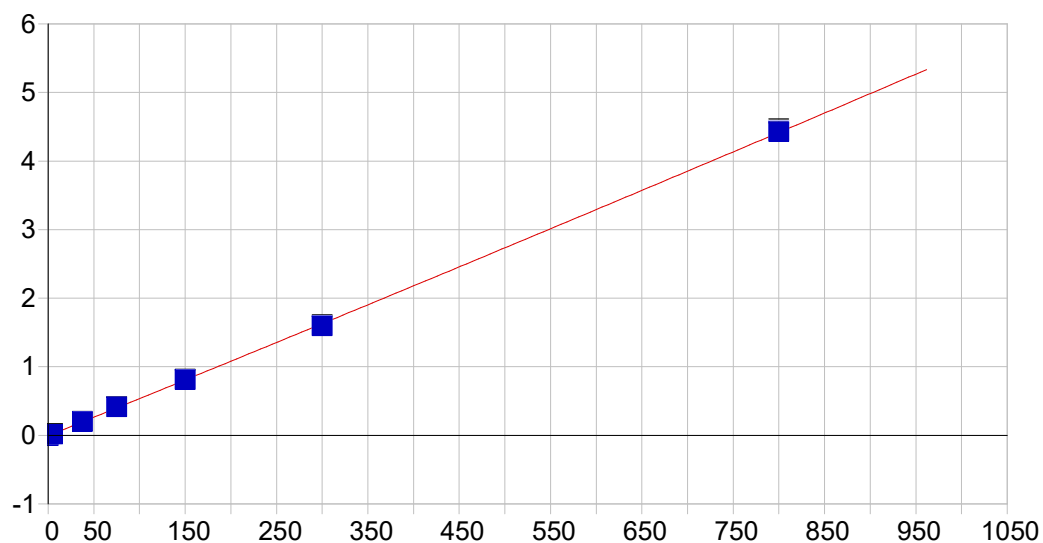


Ag 328.068 {103}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001029	Re-Slope:	1.000000
A1 (Gain):	0.347441	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	0.000455		
Predicted MQL:	0.001515		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.01000	.00998	-.000	-.227	.00241	.000	1
S2	.31250	.31148	-.001	-.325	.10626	.001	1
S3	.62500	.62537	.000	.060	.21439	.001	1
S4	1.2500	1.2500	-.000	-.004	.42954	.001	1
S5	2.5000	2.5007	.001	.028	.86038	.006	1

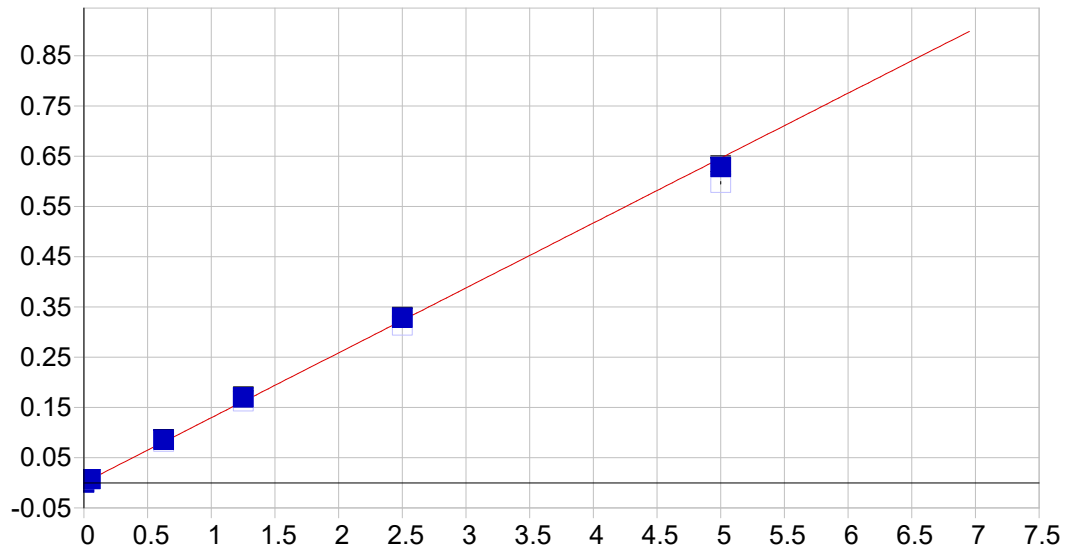


Na 818.326 { 41}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.006662 Re-Slope: 1.000000
 A1 (Gain): 0.005404 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: Warning Positive Curvature
 Std Error of Est: 0.000255
 Predicted MDL: 0.300369
 Predicted MQL: 1.001231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	-.00666	.000	1
S1	5.0000	4.8608	-.139	-2.78	.01961	.000	1
S2	37.500	38.483	.983	2.62	.20243	.002	1
S3	75.000	77.694	2.69	3.59	.41593	.002	1
S4	150.00	150.63	.633	.422	.81448	.004	1
S5	300.00	294.07	-5.93	-1.98	1.6031	.009	1
S6	800.00	801.76	1.76	.220	4.4456	.024	1

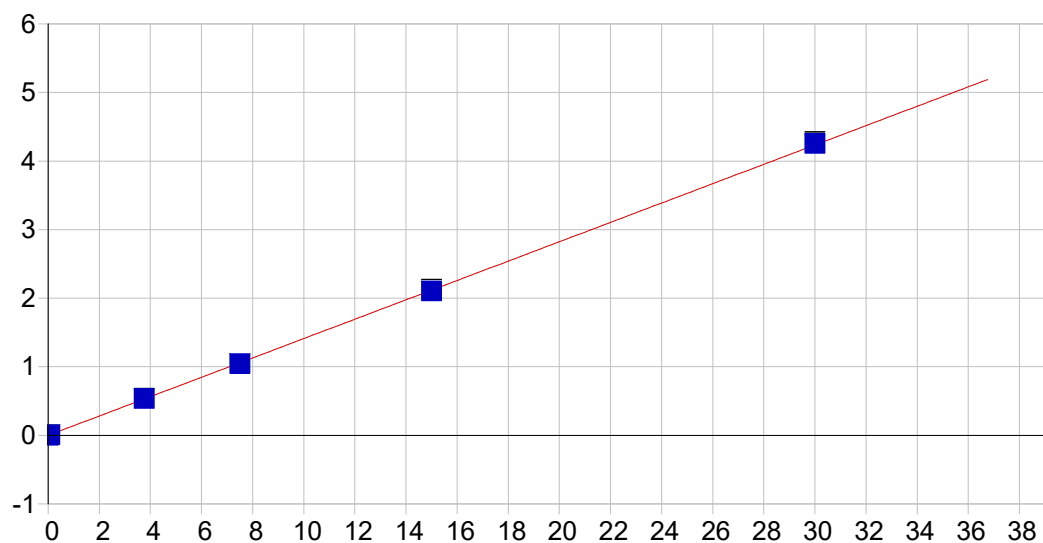


V 292.402 {115}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000266	Re-Slope:	1.000000
A1 (Gain):	0.129215	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999418	Status:	OK.
Std Error of Est:	0.000112		
Predicted MDL:	0.003179		
Predicted MQL:	0.010596		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00026	.000	1
S1	.05000	.05410	.004	8.21	.00724	.000	1
S2	.62500	.65908	.034	5.45	.08156	.001	1
S3	1.2500	1.3128	.063	5.02	.16215	.001	1
S4	2.5000	2.5398	.040	1.59	.31296	.001	1
S5	5.0000	4.8590	-.141	-2.82	.59716	.003	1

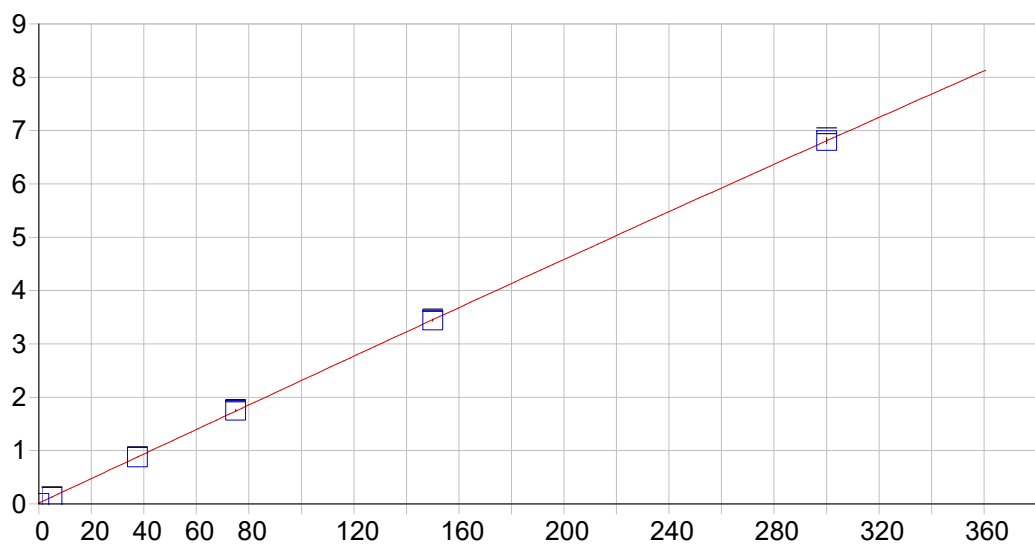


Zn 213.856 {158}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000286	Re-Slope:	1.000000
A1 (Gain):	0.141166	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000103		
Predicted MDL:	0.003263		
Predicted MQL:	0.010878		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00029	.000	1
S1	.06000	.07356	.014	22.6	.01012	.000	1
S2	3.7500	3.7866	.037	.976	.53512	.006	1
S3	7.5000	7.4066	-.093	-1.25	1.0470	.002	1
S4	15.000	14.903	-.097	-.647	2.1070	.023	1
S5	30.000	30.140	.140	.467	4.2614	.022	1

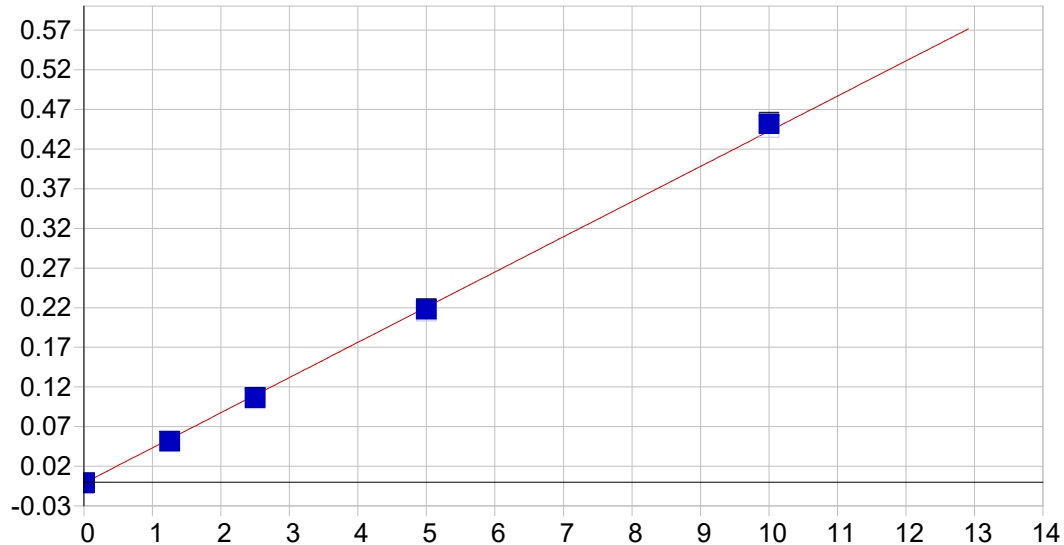


K 769.896 { 44 }

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.019340 Re-Slope: 1.000000
 A1 (Gain): 0.022173 Y-int: 0.000000
 A2 (Curvature): -0.000003
 n (Exponent): 1.010000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000232
 Predicted MDL: 0.084430
 Predicted MQL: 0.281433

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	.01934	.001	1
S1	5.0000	4.8691	-.131	-2.62	.12896	.001	1
S2	37.500	37.520	.020	.052	.87815	.002	1
S3	75.000	75.417	.417	.556	1.7498	.022	1
S4	150.00	149.59	-.414	-.276	3.4443	.021	1
S5	300.00	300.10	.104	.035	6.8105	.052	1

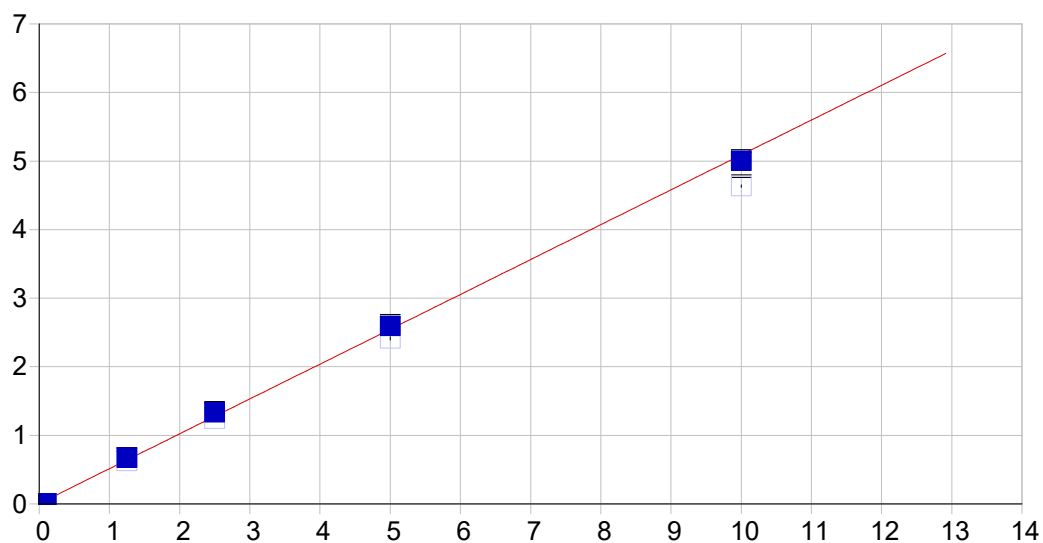


P 177.495 {490}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001191 Re-Slope: 1.000000
 A1 (Gain): 0.044369 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002427
 Predicted MQL: 0.008090

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00119	.000	1
S1	.01000	.00654	-.003	-34.6	-.00090	.000	1
S2	1.2500	1.1863	-.064	-5.10	.05082	.000	1
S3	2.5000	2.4210	-.079	-3.16	.10498	.001	1
S4	5.0000	4.9361	-.064	-1.28	.21533	.001	1
S5	10.000	10.210	.210	2.10	.44685	.002	1

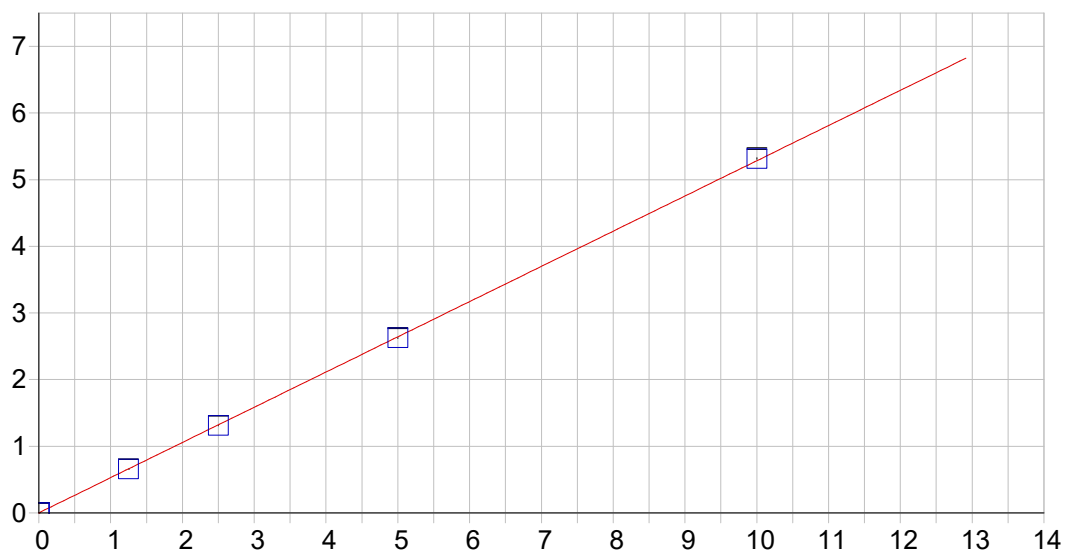


B 249.678 {135}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005169 Re-Slope: 1.000000
 A1 (Gain): 0.508327 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996903 Status: OK.
 Std Error of Est: 0.001977
 Predicted MDL: 0.000980
 Predicted MQL: 0.003267

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00521	.000	1
S1	.10000	.00626	-.094	-93.7	.00825	.000	1
S2	1.2500	1.3125	.063	5.00	.62624	.006	1
S3	2.5000	2.6138	.114	4.55	1.2416	.016	1
S4	5.0000	5.0953	.095	1.91	2.4108	.024	1
S5	10.000	9.8293	-.171	-1.71	4.6327	.019	1

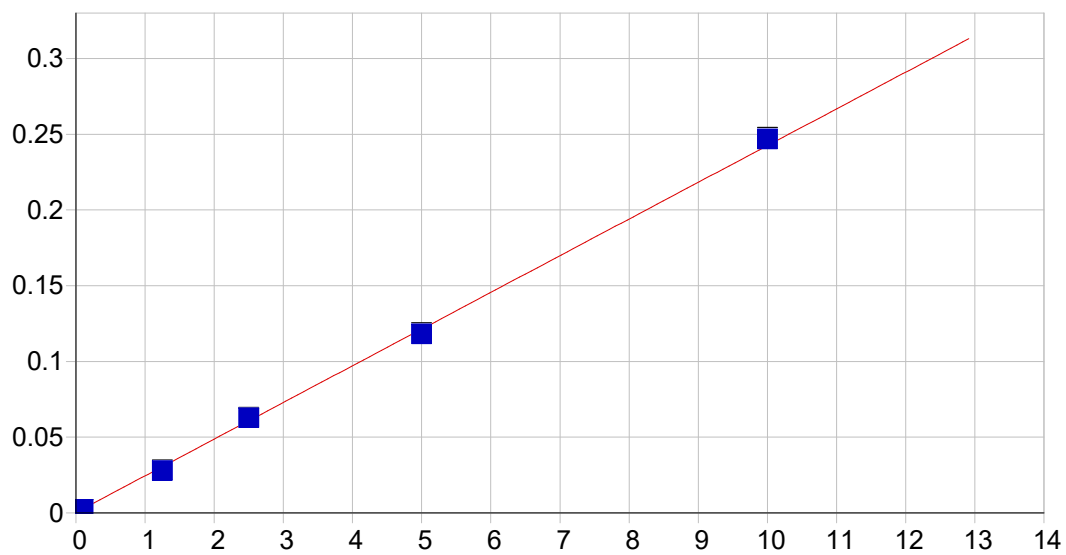


Mo 202.030 {467}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000429	Re-Slope:	1.000000
A1 (Gain):	0.528375	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.000328		
Predicted MQL:	0.001093		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.01000	.00983	-.000	-1.69	.00562	.000	1
S2	1.2500	1.2423	-.008	-.615	.65684	.001	1
S3	2.5000	2.4781	-.022	-.877	1.3098	.002	1
S4	5.0000	4.9676	-.032	-.647	2.6252	.008	1
S5	10.000	10.062	.062	.621	5.3170	.013	1

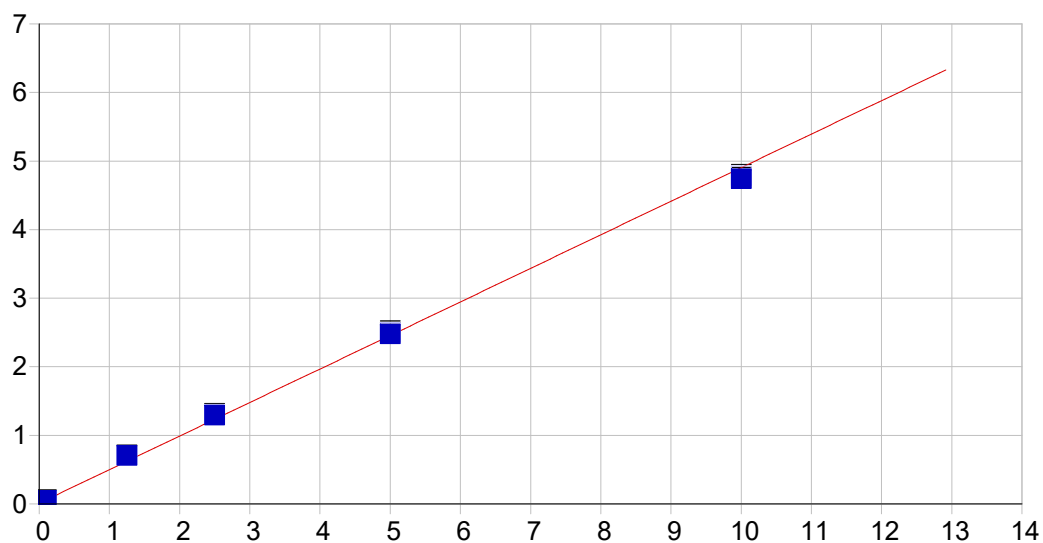


S 182.034 {485}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000255	Re-Slope:	1.000000
A1 (Gain):	0.024224	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999504	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.004273		
Predicted MQL:	0.014242		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00025	.000	1
S1	.10000	.09160	-.008	-8.40	.00247	.000	1
S2	1.2500	1.1444	-.106	-8.45	.02804	.000	1
S3	2.5000	2.5780	.078	3.12	.06283	.000	1
S4	5.0000	4.8633	-.137	-2.73	.11832	.001	1
S5	10.000	10.173	.173	1.73	.24719	.001	1

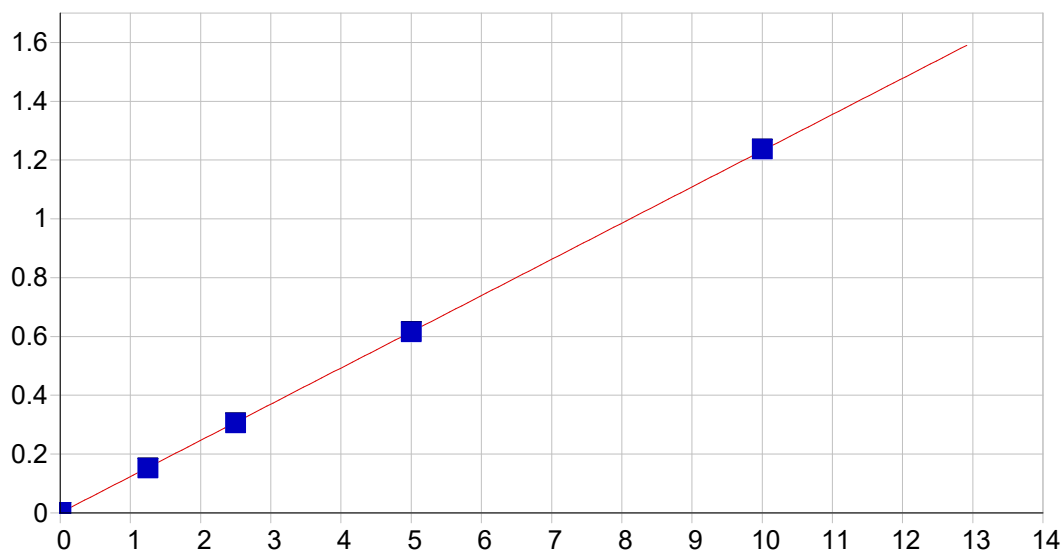


Si 251.611 {134}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.010377	Re-Slope:	1.000000
A1 (Gain):	0.489269	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998945	Status:	OK.
Std Error of Est:	0.001206		
Predicted MDL:	0.001033		
Predicted MQL:	0.003443		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01037	.000	1
S1	.10000	.09568	-.004	-4.32	.05737	.001	1
S2	1.2500	1.4182	.168	13.5	.70965	.004	1
S3	2.5000	2.6249	.125	5.00	1.3055	.016	1
S4	5.0000	5.0444	.044	.889	2.5001	.026	1
S5	10.000	9.6668	-.333	-3.33	4.7833	.023	1

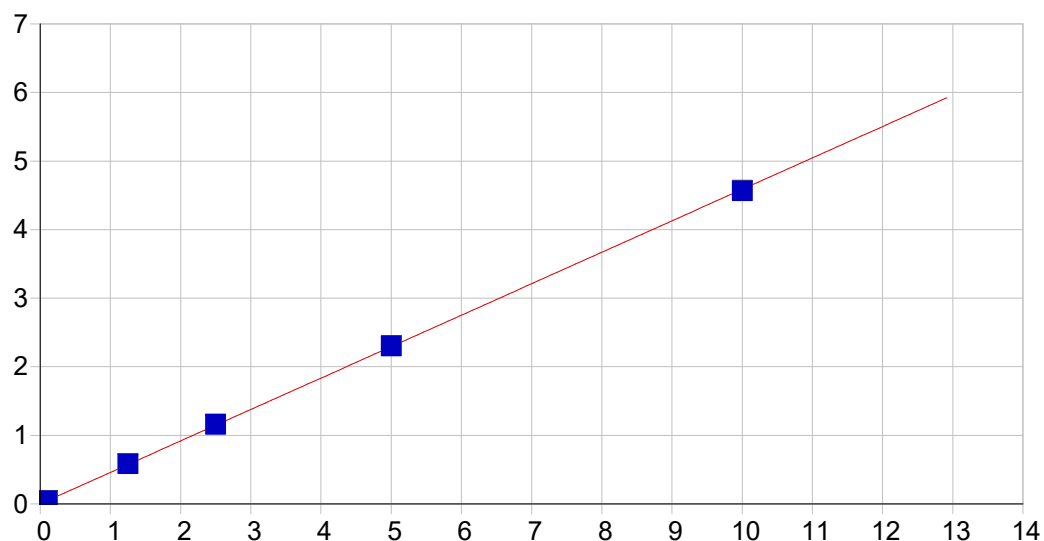


Sn 189.989 {478}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000311	Re-Slope:	1.000000
A1 (Gain):	0.123142	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.000948		
Predicted MQL:	0.003159		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.00700	.00600	-.001	-14.2	.00102	.000	1
S2	1.2500	1.2308	-.019	-1.54	.15155	.001	1
S3	2.5000	2.4801	-.020	-.798	.30507	.001	1
S4	5.0000	4.9967	-.003	-.067	.61433	.001	1
S5	10.000	10.043	.043	.435	1.2345	.000	1

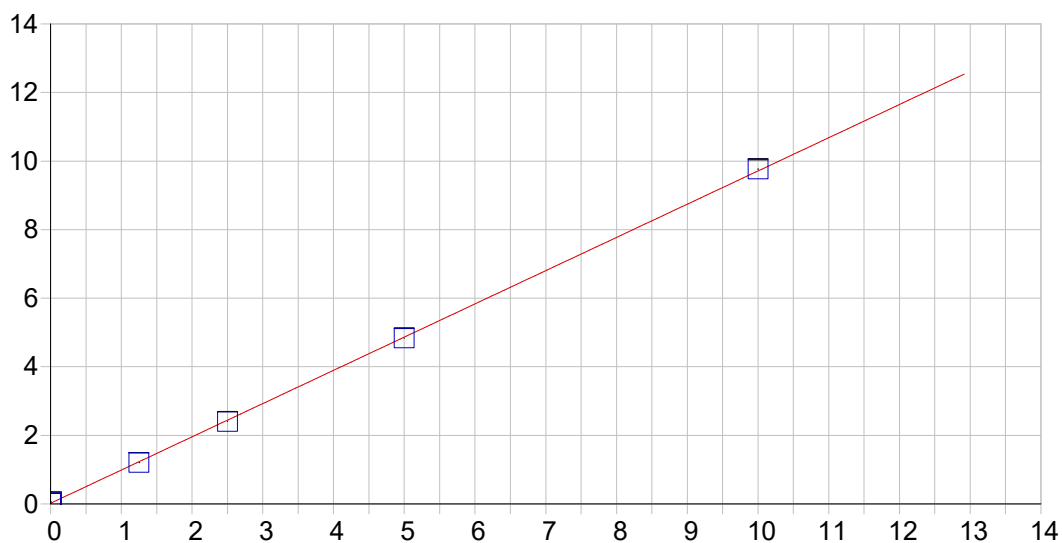


Ti 336.121 {100}

Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000812	Re-Slope:	1.000000
A1 (Gain):	0.458596	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000170		
Predicted MDL:	0.001368		
Predicted MQL:	0.004558		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00081	.000	1
S1	.10000	.09601	-.004	-3.99	.04483	.000	1
S2	1.2500	1.2666	.017	1.33	.58149	.002	1
S3	2.5000	2.5255	.026	1.02	1.1586	.004	1
S4	5.0000	5.0120	.012	.240	2.2985	.008	1
S5	10.000	9.9498	-.050	-.502	4.5622	.011	1

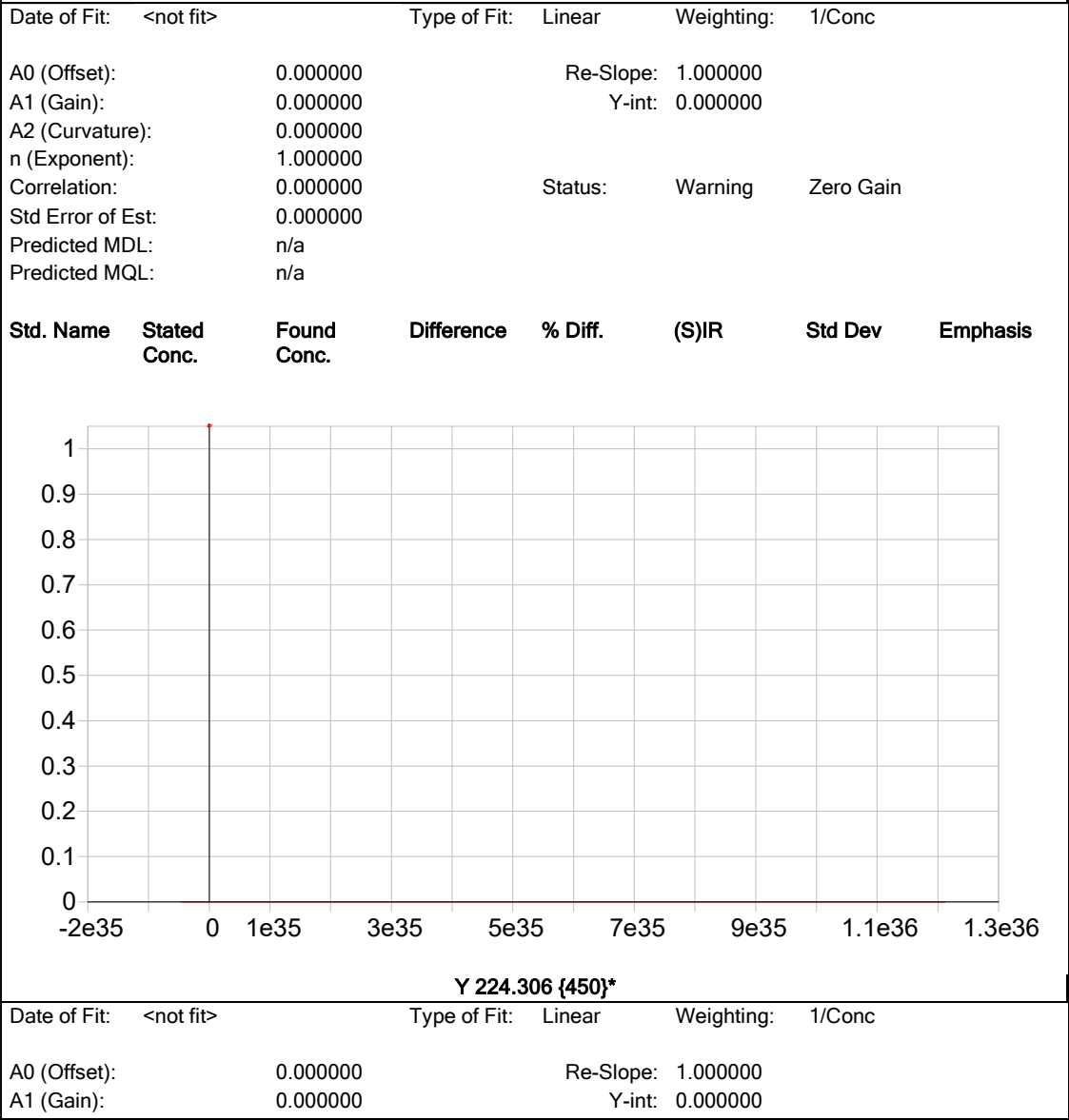
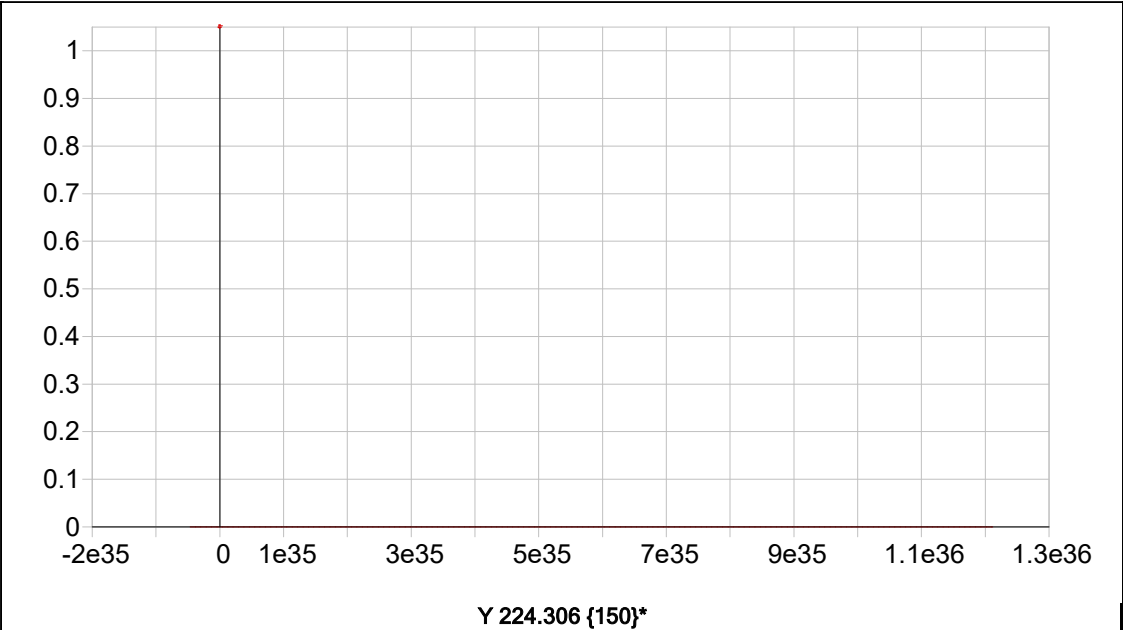


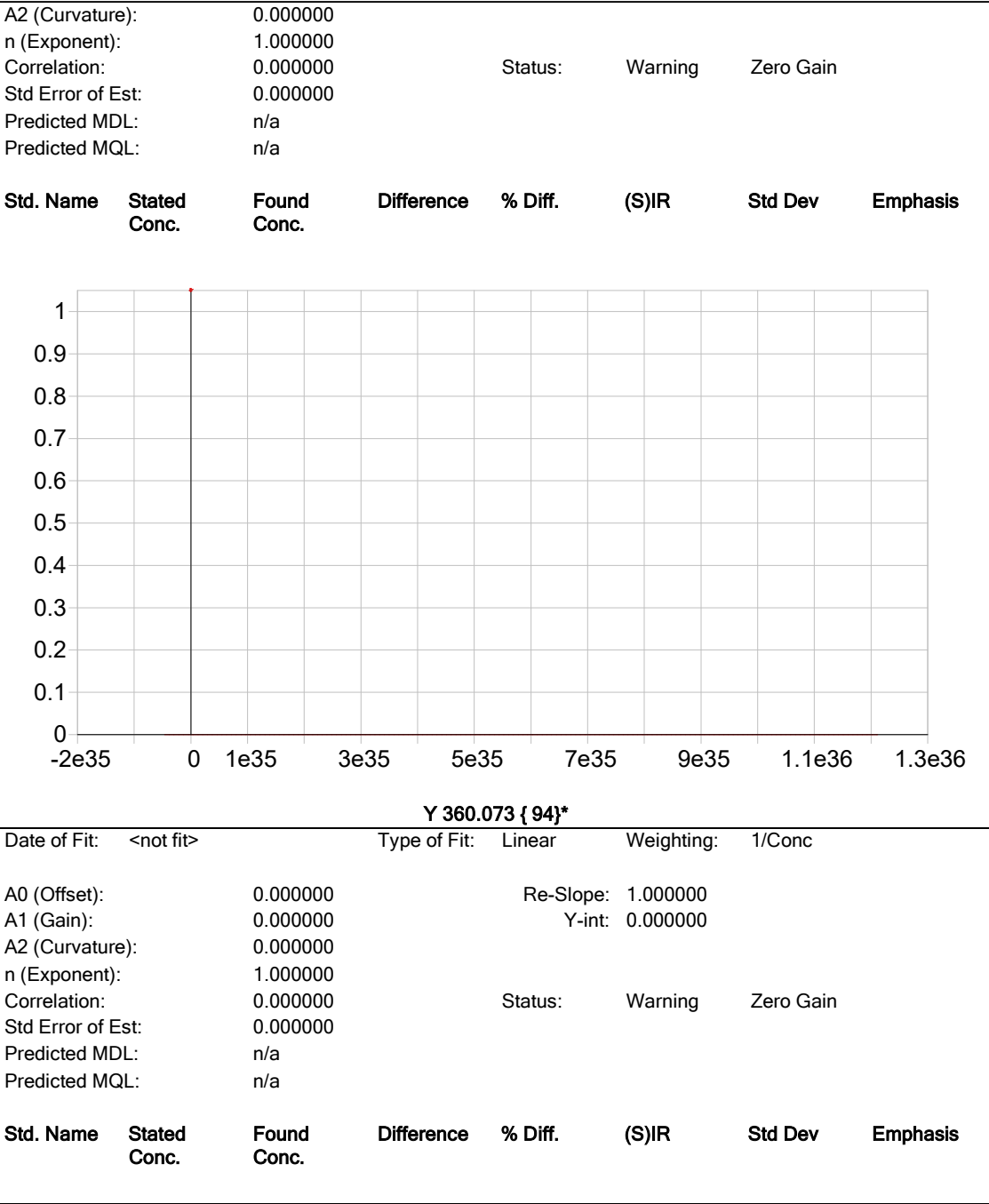
Li 670.784 { 50}

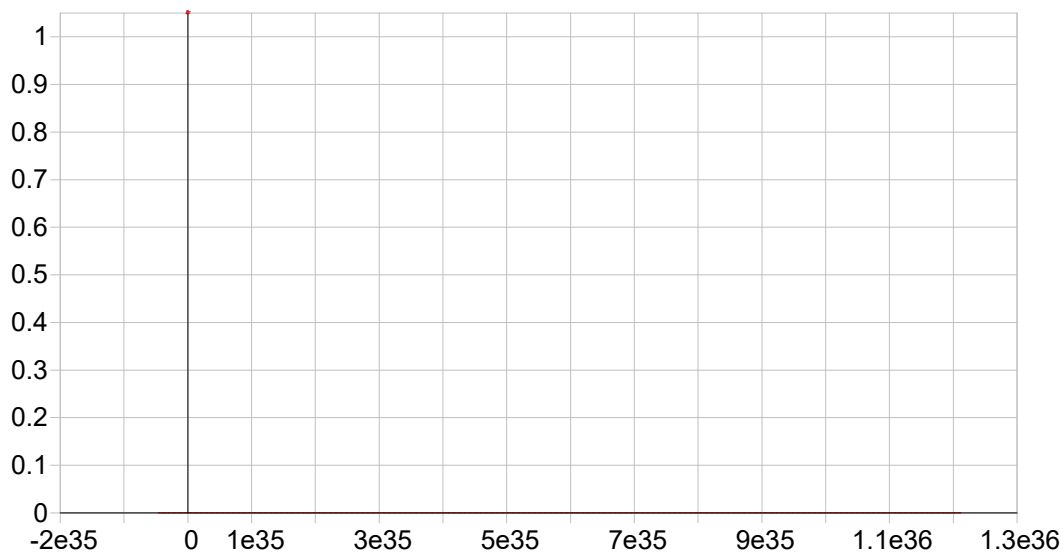
Date of Fit: 11/12/2019 13:02:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014212 Re-Slope: 1.000000
 A1 (Gain): 0.969623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998083 Status: OK.
 Std Error of Est: 0.001235
 Predicted MDL: 0.001812
 Predicted MQL: 0.006040

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01418	.000	1
S5	10.000	10.053	.053	.534	9.7623	.018	1
S4	5.0000	4.9745	-.026	-.511	4.8376	.008	1
S3	2.5000	2.4615	-.038	-1.54	2.4010	.004	1
S2	1.2500	1.2280	-.022	-1.76	1.2049	.000	1
S1	.01500	.04756	.033	217.	.06033	.002	1



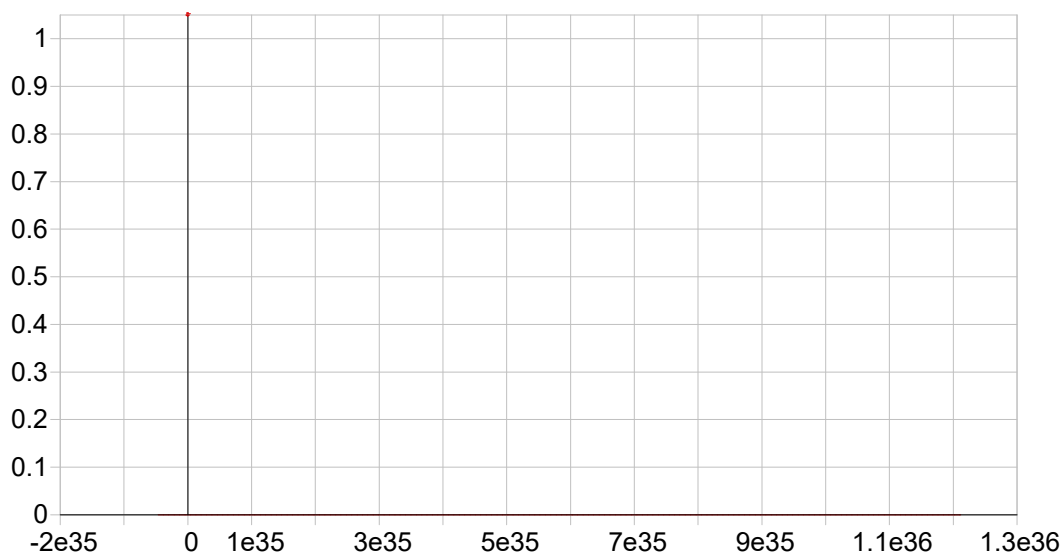




Y 371.030 { 91}*

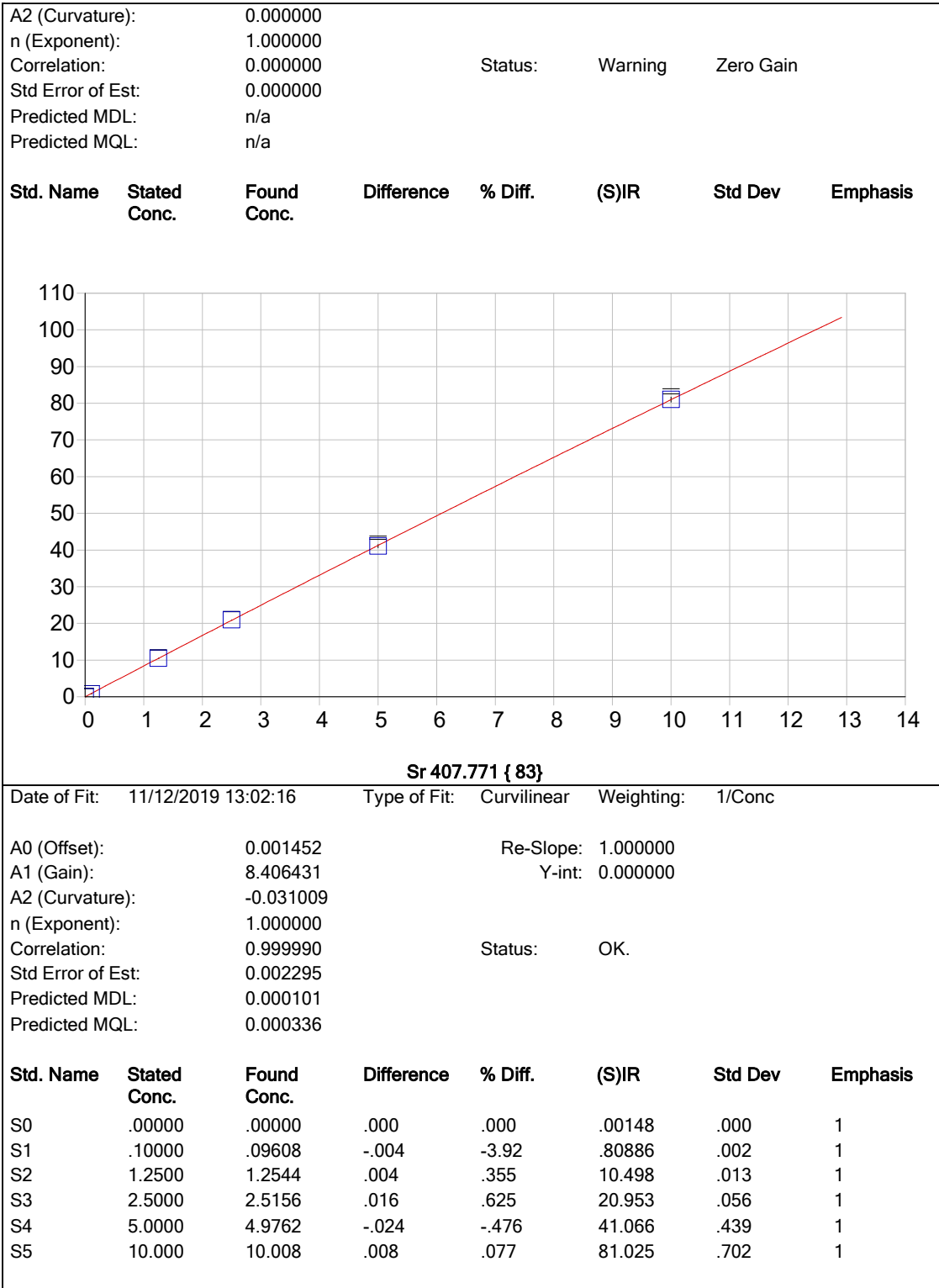
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	



Sample Name: S0 Acquired: 11/12/2019 11:09:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	-.00022	-.00059	.00016	.00022	.00036	.00382	.01814	-.00164
Stddev	.00006	.00008	.00037	.00012	.00017	.00053	.00331	.00035
%RSD	27.008	14.131	239.28	54.662	47.650	13.774	18.242	21.223

#1	-.00016	-.00054	.00041	.00025	.00038	.00443	.02012	-.00126
#2	-.00024	-.00055	-.00027	.00033	.00018	.00359	.01997	-.00174
#3	-.00028	-.00069	.00033	.00009	.00051	.00346	.01432	-.00193

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00015	.00025	.00007	.00039	.00334	.00014	.00025	-.00005
Stddev	.00011	.00051	.00005	.00010	.00011	.00029	.00008	.00009
%RSD	70.405	203.39	65.194	26.083	3.4034	205.52	34.167	183.67

#1	.00028	.00050	.00002	.00050	.00341	.00001	.00019	.00004
#2	.00009	.00059	.00012	.00036	.00321	-.00006	.00021	-.00005
#3	.00010	-.00034	.00007	.00030	.00341	.00048	.00034	-.00014

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	-.00173	-.00103	-.00666	.00026	-.00029	.01934	-.00119	.00521
Stddev	.00024	.00009	.00042	.00027	.00023	.00066	.00005	.00017
%RSD	13.797	8.3381	6.3192	103.00	80.895	3.4019	3.9435	3.1950

#1	-.00164	-.00096	-.00713	.00034	-.00033	.01982	-.00119	.00537
#2	-.00200	-.00100	-.00655	.00049	-.00050	.01962	-.00114	.00504
#3	-.00154	-.00112	-.00631	-.00004	-.00004	.01859	-.00124	.00523

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	.00043	.00025	.01037	.00031	.00081	.01418	.00148	
Stddev	.00007	.00009	.00033	.00005	.00040	.00040	.00036	
%RSD	16.070	36.595	3.1690	16.629	48.781	2.7925	24.613	

#1	.00051	.00031	.01004	.00025	.00080	.01464	.00107	
#2	.00041	.00030	.01070	.00035	.00121	.01392	.00176	
#3	.00037	.00015	.01037	.00034	.00042	.01399	.00161	

Sample Name: S0 Acquired: 11/12/2019 11:09:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	2048.9	3539.9	46628.	6780.1	4074.7
Stddev	11.5	1.1	230.	16.6	11.9
%RSD	.56320	.02984	.49426	.24521	.29083
#1	2035.9	3539.1	46367.	6786.4	4075.6
#2	2057.8	3539.5	46804.	6792.6	4062.4
#3	2053.0	3541.1	46713.	6761.2	4086.0

Sample Name: S1 Acquired: 11/12/2019 11:13:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	.00013	.00123	.00216	.00190	.00904	.02350	.85992	.03167
Stddev	.00007	.00020	.00011	.00018	.00017	.00065	.00356	.00020
%RSD	57.149	16.014	5.2210	9.4864	1.9140	2.7789	.41417	.63776
#1	.00015	.00144	.00211	.00210	.00924	.02379	.86045	.03167
#2	.00005	.00105	.00208	.00175	.00891	.02396	.86320	.03146
#3	.00019	.00119	.00229	.00185	.00898	.02275	.85613	.03187
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	.01235	.36954	.00190	.04283	.00804	.00306	.01147	.05269
Stddev	.00009	.00143	.00005	.00005	.00061	.00020	.00014	.00041
%RSD	.76009	.38670	2.6055	.11953	7.5787	6.5846	1.1789	.78490
#1	.01227	.36856	.00195	.04284	.00737	.00319	.01135	.05316
#2	.01232	.37118	.00187	.04277	.00857	.00283	.01145	.05238
#3	.01245	.36889	.00187	.04287	.00817	.00317	.01162	.05253
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	.02666	.00241	.01961	.00724	.01012	.12896	-.00090	.00825
Stddev	.00027	.00014	.00024	.00034	.00045	.00085	.00006	.00014
%RSD	.99718	5.7909	1.2186	4.7185	4.4040	.66129	6.5112	1.7490
#1	.02653	.00228	.01935	.00703	.01003	.12836	-.00090	.00842
#2	.02648	.00255	.01967	.00764	.00973	.12994	-.00084	.00818
#3	.02696	.00240	.01981	.00706	.01061	.12859	-.00096	.00815
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	.00562	.00247	.05737	.00102	.04483	.06033	.80886	
Stddev	.00006	.00002	.00106	.00008	.00026	.00208	.00174	
%RSD	1.0277	.67471	1.8409	7.4412	.57507	3.4461	.21491	
#1	.00569	.00248	.05762	.00108	.04483	.06232	.81087	
#2	.00559	.00245	.05827	.00106	.04457	.05817	.80798	
#3	.00559	.00249	.05620	.00094	.04509	.06048	.80775	

Sample Name: S1 Acquired: 11/12/2019 11:13:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	2067.3	3540.1	46861.	6807.5	4087.6
Stddev	7.6	12.4	92.	25.4	3.8
%RSD	.36809	.34894	.19568	.37254	.09334
#1	2065.8	3531.5	46792.	6817.3	4085.6
#2	2060.6	3534.5	46965.	6778.7	4085.1
#3	2075.6	3554.2	46826.	6826.5	4092.0

Sample Name: S2 Acquired: 11/12/2019 11:17:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	.05062	.09435	1.2735	.05879	.17855	3.7519	10.699	.83232
Stddev	.00015	.00031	.0045	.00027	.00058	.0069	.026	.00614
%RSD	.30326	.32346	.35339	.45608	.32557	.18399	.24331	.73752

#1	.05050	.09416	1.2689	.05881	.17837	3.7469	10.683	.83685
#2	.05056	.09471	1.2739	.05904	.17808	3.7491	10.684	.83477
#3	.05079	.09420	1.2779	.05850	.17920	3.7598	10.729	.82533

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	1.5436	4.6323	.68506	.55242	.70548	1.1121	2.6563	.65772
Stddev	.0024	.0121	.00069	.00100	.00055	.0003	.0076	.00006
%RSD	.15253	.26188	.10133	.18071	.07837	.02885	.28467	.00907

#1	1.5423	4.6273	.68482	.55190	.70486	1.1121	2.6555	.65778
#2	1.5423	4.6235	.68453	.55178	.70566	1.1124	2.6492	.65767
#3	1.5464	4.6462	.68585	.55357	.70593	1.1118	2.6643	.65771

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	.42807	.10626	.20243	.08156	.53512	.87815	.05082	.62624
Stddev	.00041	.00062	.00205	.00077	.00575	.00157	.00026	.00578
%RSD	.09504	.57966	1.0137	.94776	1.0744	.17889	.51562	.92359

#1	.42849	.10556	.20026	.08199	.53169	.87995	.05074	.62725
#2	.42803	.10652	.20434	.08201	.53191	.87705	.05112	.63145
#3	.42768	.10671	.20268	.08066	.54175	.87745	.05061	.62002

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	.65684	.02804	.70965	.15155	.58149	1.2049	10.498
Stddev	.00067	.00028	.00444	.00059	.00175	.0005	.013
%RSD	.10156	.99718	.62545	.38624	.30023	.03874	.12484

#1	.65687	.02777	.71131	.15089	.57948	1.2045	10.483
#2	.65616	.02833	.71302	.15176	.58240	1.2048	10.506
#3	.65749	.02801	.70462	.15201	.58260	1.2054	10.505

Sample Name: S2 Acquired: 11/12/2019 11:17:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	1980.3	3405.9	46115.	6770.2	3827.7
Stddev	17.0	6.0	387.	31.6	2.3
%RSD	.85666	.17715	.83816	.46605	.06109
#1	1995.5	3399.7	46499.	6764.4	3828.3
#2	1983.3	3411.7	46121.	6742.0	3829.6
#3	1962.0	3406.2	45726.	6804.3	3825.1

Sample Name: S3 Acquired: 11/12/2019 11:21:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	.10262	.18968	2.5946	.11662	.35604	7.4987	21.396	1.6209
Stddev	.00047	.00050	.0116	.00046	.00032	.0482	.064	.0204
%RSD	.45958	.26555	.44550	.39585	.08888	.64286	.29860	1.2574

#1	.10227	.18924	2.5900	.11657	.35610	7.5535	21.462	1.6345
#2	.10316	.18956	2.5860	.11619	.35632	7.4630	21.335	1.5974
#3	.10243	.19023	2.6077	.11711	.35569	7.4795	21.390	1.6307

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0837	9.2279	1.3578	1.1203	1.3863	2.1808	5.2341	1.3124
Stddev	.0081	.0097	.0040	.0037	.0137	.0034	.0076	.0060
%RSD	.26334	.10467	.29196	.32553	.99030	.15806	.14576	.45706

#1	3.0848	9.2319	1.3534	1.1204	1.4020	2.1846	5.2418	1.3194
#2	3.0751	9.2168	1.3589	1.1165	1.3765	2.1799	5.2266	1.3085
#3	3.0912	9.2348	1.3611	1.1238	1.3803	2.1779	5.2340	1.3095

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	.85839	.21439	.41593	.16215	1.0470	1.7498	.10498	1.2416
Stddev	.00161	.00113	.00152	.00094	.0018	.0217	.00063	.0160
%RSD	.18726	.52732	.36431	.58070	.16797	1.2418	.59636	1.2915

#1	.85890	.21492	.41745	.16112	1.0488	1.7741	.10520	1.2535
#2	.85659	.21310	.41442	.16297	1.0469	1.7322	.10428	1.2234
#3	.85968	.21517	.41590	.16237	1.0453	1.7431	.10547	1.2479

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	1.3098	.06283	1.3055	.30507	1.1586	2.4010	20.953
Stddev	.0016	.00028	.0159	.00056	.0042	.0043	.056
%RSD	.11907	.44171	1.2203	.18452	.36367	.17901	.26940

#1	1.3099	.06263	1.3180	.30446	1.1541	2.4006	21.001
#2	1.3113	.06271	1.2876	.30518	1.1592	2.3969	20.891
#3	1.3082	.06315	1.3109	.30557	1.1625	2.4054	20.966

Sample Name: S3 Acquired: 11/12/2019 11:21:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	1934.0	3314.0	45647.	6746.9	3654.2
Stddev	18.9	2.7	162.	43.0	11.1
%RSD	.97630	.08096	.35552	.63685	.30437
#1	1913.9	3313.0	45496.	6697.3	3651.9
#2	1936.6	3317.0	45626.	6769.8	3666.2
#3	1951.4	3312.0	45819.	6773.5	3644.3

Sample Name: S4 Acquired: 11/12/2019 11:25:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	.20754	.37264	5.2700	.22986	.71747	14.859	42.135	3.0947
Stddev	.00053	.00145	.0022	.00111	.00237	.076	.148	.0329
%RSD	.25348	.38991	.04191	.48395	.32995	.51093	.35082	1.0635

#1	.20729	.37151	5.2719	.22910	.71681	14.775	41.969	3.1251
#2	.20718	.37214	5.2676	.22934	.71551	14.923	42.183	3.0993
#3	.20814	.37428	5.2704	.23114	.72010	14.878	42.253	3.0597

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.1162	18.199	2.6457	2.2572	2.6838	4.2157	10.173	2.5897
Stddev	.0179	.050	.0069	.0025	.0122	.0132	.018	.0051
%RSD	.29254	.27493	.25967	.11229	.45453	.31187	.17417	.19828

#1	6.1235	18.144	2.6405	2.2551	2.6711	4.2017	10.153	2.5838
#2	6.1293	18.241	2.6431	2.2566	2.6955	4.2176	10.179	2.5922
#3	6.0958	18.213	2.6535	2.2600	2.6848	4.2278	10.186	2.5931

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	1.7127	.42954	.81448	.31296	2.1070	3.4443	.21533	2.4108
Stddev	.0003	.00066	.00395	.00144	.0229	.0210	.00078	.0236
%RSD	.01669	.15447	.48517	.46097	1.0851	.60866	.36259	.97752

#1	1.7130	.42927	.81060	.31130	2.0814	3.4335	.21457	2.4360
#2	1.7128	.42905	.81850	.31376	2.1143	3.4684	.21529	2.4069
#3	1.7124	.43029	.81432	.31382	2.1253	3.4309	.21613	2.3894

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6252	.11832	2.5001	.61433	2.2985	4.8376	41.066
Stddev	.0083	.00057	.0259	.00113	.0083	.0081	.439
%RSD	.31645	.47806	1.0357	.18361	.35921	.16660	1.0696

#1	2.6187	.11801	2.5276	.61483	2.3079	4.8295	41.053
#2	2.6224	.11797	2.4966	.61513	2.2924	4.8375	41.511
#3	2.6346	.11897	2.4762	.61304	2.2952	4.8457	40.633

Sample Name: S4 Acquired: 11/12/2019 11:25:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	1850.0	3137.2	44918.	6733.8	3414.2
Stddev	13.2	21.9	271.	51.1	20.8
%RSD	.71174	.69687	.60268	.75936	.60979
#1	1860.3	3150.1	45230.	6705.8	3426.0
#2	1835.2	3149.5	44750.	6702.8	3426.5
#3	1854.6	3111.9	44773.	6792.8	3390.2

Sample Name: S5 Acquired: 11/12/2019 11:29:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	.42673	.73666	10.651	.45570	1.4661	29.116	81.895	5.8556
Stddev	.00113	.00219	.002	.00157	.0045	.179	.474	.0347
%RSD	.26382	.29744	.02317	.34489	.30585	.61524	.57928	.59288

#1	.42714	.73493	10.651	.45608	1.4669	29.322	82.306	5.8328
#2	.42545	.73593	10.649	.45397	1.4613	28.997	81.376	5.8956
#3	.42759	.73912	10.654	.45704	1.4702	29.030	82.001	5.8385

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.084	35.340	5.0581	4.5274	5.1876	8.0205	19.528	5.0615
Stddev	.017	.076	.0144	.0067	.0306	.0262	.036	.0182
%RSD	.14358	.21481	.28375	.14838	.59071	.32677	.18613	.35999

#1	12.091	35.428	5.0745	4.5239	5.2222	8.0480	19.556	5.0812
#2	12.064	35.295	5.0523	4.5231	5.1769	7.9958	19.487	5.0454
#3	12.097	35.298	5.0476	4.5351	5.1637	8.0177	19.541	5.0578

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3944	.86038	1.6031	.59716	4.2614	6.8105	.44685	4.6327
Stddev	.0044	.00611	.0087	.00261	.0218	.0518	.00208	.0189
%RSD	.13057	.71018	.54060	.43747	.51144	.76073	.46454	.40877

#1	3.3958	.85523	1.6128	.60016	4.2636	6.8617	.44733	4.6310
#2	3.3895	.85879	1.6006	.59541	4.2386	6.8118	.44458	4.6525
#3	3.3980	.86713	1.5960	.59589	4.2820	6.7581	.44865	4.6147

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.3170	.24719	4.7833	1.2345	4.5622	9.7623	81.025
Stddev	.0129	.00088	.0232	.0004	.0106	.0176	.702
%RSD	.24238	.35489	.48592	.03352	.23276	.17993	.86603

#1	5.3173	.24669	4.7655	1.2341	4.5562	9.7755	81.477
#2	5.3040	.24667	4.8096	1.2346	4.5745	9.7689	81.381
#3	5.3298	.24820	4.7749	1.2349	4.5559	9.7423	80.216

Sample Name: S5 Acquired: 11/12/2019 11:29:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	1704.6	2909.6	43700.	6688.3	3149.7
Stddev	3.6	1.5	76.	35.2	1.5
%RSD	.21006	.05112	.17368	.52689	.04882
#1	1707.7	2908.7	43691.	6662.1	3149.8
#2	1700.7	2911.3	43780.	6674.4	3148.2
#3	1705.5	2908.7	43629.	6728.4	3151.2

Sample Name: S6 Acquired: 11/12/2019 11:33:34 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	75.711	56.510	21.016	8.1566	4.4456
Stddev	.809	.311	.082	.0351	.0238
%RSD	1.0687	.55023	.38989	.43022	.53587

#1	74.803	56.863	21.096	8.1944	4.4720
#2	76.354	56.275	20.933	8.1250	4.4258
#3	75.976	56.393	21.019	8.1504	4.4389

Int. Std.	Y_3710
Units	Cts/S
Avg	6525.0
Stddev	10.0
%RSD	.15389

#1	6514.6
#2	6534.7
#3	6525.6

Sample Name: ICV Acquired: 11/12/2019 11:37:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	.9783539	1.051449	.9752850	1.019313	.9990968	2.357519
Stddev	.0060000	.009048	.0066284	.005425	.0047474	.023995
%RSD	.6132709	.8604992	.6796400	.5322331	.4751643	1.017823

#1	.9844408	1.061872	.9825637	1.025576	1.003149	2.384276
#2	.9781761	1.046860	.9695958	1.016274	.993874	2.350369
#3	.9724448	1.045616	.9736955	1.016089	1.000267	2.337911

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4959991	.5114490	.5053431	10.36080	.5347519	.4954068
Stddev	.0016586	.0023512	.0032382	.01578	.0017797	.0027083
%RSD	.3343997	.4597143	.6407944	.1522986	.3328125	.5466781

#1	.4979112	.5095563	.5089227	10.34686	.5368026	.4980714
#2	.4951363	.5140810	.5026176	10.35762	.5336113	.4926569
#3	.4949496	.5107097	.5044889	10.37793	.5338417	.4954920

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4807877	5.430027	.5055949	6.037752	.5096753	.4663449
Stddev	.0030835	.023265	.0016618	.029462	.0039211	.0037866
%RSD	.6413322	.4284524	.3286718	.4879664	.7693321	.8119781

#1	.4792991	5.452086	.5037041	6.070777	.5140328	.4640923
#2	.4787310	5.432275	.5068233	6.028314	.5064317	.4707167
#3	.4843331	5.405719	.5062573	6.014166	.5085613	.4642259

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.552577	.5052269	1.098882	9.574111	F -.004903	F .0062220
Stddev	.171802	.0077142	.012883	.040643	.001478	.0001510
%RSD	1.798485	1.526888	1.172378	.4245079	30.15061	2.427109

#1	9.706944	.5069023	1.109849	9.527227	-.003551	.0063962
#2	9.367486	.5119658	1.102102	9.599362	-.004676	.0061410
#3	9.583302	.4968127	1.084694	9.595743	-.006481	.0061287

Sample Name: ICV Acquired: 11/12/2019 11:37:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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 .0007283	F .0048692	F -.002320	F -.000918	F .0011122	F .0135004
Stddev	.0002939	.0047021	.001718	.000170	.0010400	.0008116
%RSD	40.35976	96.56762	74.05979	18.51089	93.50652	6.011467

#1	.0006327	.0007855	-.002792	-.000960	.0020621	.0134535
#2	.0010582	.0100098	-.003753	-.000731	.0000010	.0143344
#3	.0004941	.0038124	-.000415	-.001062	.0012736	.0127133

Elem	Sr4077
Units	ppm
Avg	F .0113005
Stddev	.0000933
%RSD	.8257365

#1	.0111939
#2	.0113676
#3	.0113399

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.941	3528.264	48092.53	6976.419	4025.767
Stddev	3.924	14.361	44.91	35.816	20.459
%RSD	.1864216	.4070227	.0933816	.5133865	.5081980

#1	2103.068	3516.281	48090.83	6990.674	4004.884
#2	2102.305	3544.182	48138.27	7002.913	4045.774
#3	2109.451	3524.329	48048.50	6935.671	4026.645

Sample Name: ICB Acquired: 11/12/2019 11:41:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	-.001985	.0001406	.0010504	.0038299	.0008539	.0039438	-.000619
Stddev	.003610	.0015812	.0009587	.0026583	.0010707	.0100004	.000738
%RSD	181.8637	1124.438	91.27108	69.40704	125.3975	253.5745	119.3077

#1	.000328	-.001382	.0018736	.0068846	.0009845	-.006285	-.001458
#2	-.000138	.000029	.0012800	.0020415	.0018533	.004417	-.000072
#3	-.006145	.001775	-.000002	.0025638	-.000276	.013699	-.000326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000491	.0000477	.0093773	-.000153	-.000076	.0002732	-.003906
Stddev	.0000792	.0000824	.0053803	.000304	.000096	.0027518	.004032
%RSD	161.3173	172.8548	57.37580	198.3685	125.6148	1007.393	103.2192

#1	.0000600	-.000022	.0070381	-.000470	.000025	-.002549	-.002272
#2	-.000035	.000027	.0155312	-.000126	-.000089	.002948	-.008499
#3	.000122	.000139	.0055625	.000136	-.000165	.000421	-.000948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000309	-.003901	.0006891	.0004319	-.039424	-.000669	.0015830
Stddev	.0001426	.020988	.0001572	.0000861	.141112	.002270	.0036404
%RSD	461.7042	538.0277	22.80865	19.94234	357.9388	339.5160	229.9774

#1	-.000131	.019680	.0007981	.0003644	.043019	.001688	-.002389
#2	.000086	-.020536	.0005089	.0005289	.041072	-.002840	.004762
#3	.000138	-.010846	.0007604	.0004024	-.202362	-.000854	.002376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012050	-.000987	-.000547	-.000087	-.001507	-.007319	-.000619
Stddev	.088717	.001161	.000918	.000175	.004425	.000233	.000263
%RSD	736.2446	117.6035	167.7849	201.2392	293.6497	3.186104	42.52989

#1	.065530	.000278	-.000345	-.000269	.002245	-.007463	-.000355
#2	-.108777	-.002004	.000253	-.000072	-.006387	-.007049	-.000881
#3	.007097	-.001234	-.001549	.000080	-.000379	-.007443	-.000622

Sample Name: ICB Acquired: 11/12/2019 11:41:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	.0016305	.0075389	-.000085
Stddev	.0003458	.0007945	.000045
%RSD	21.21074	10.53836	52.67876

#1	.0014590	.0071179	-.000118
#2	.0020285	.0084552	-.000034
#3	.0014039	.0070434	-.000103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.724	3536.613	47656.16	6946.758	4023.461
Stddev	7.235	9.099	242.46	14.096	6.106
%RSD	.3470661	.2572853	.5087634	.2029165	.1517624

#1	2090.474	3541.951	47836.99	6954.560	4026.090
#2	2076.600	3541.781	47380.65	6930.486	4027.813
#3	2087.099	3526.107	47750.85	6955.228	4016.481

Sample Name: ICSAB Acquired: 11/12/2019 11:50:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	.1020016	.1220553	.0545853	.0451326	.6546039	250.8961
Stddev	.0034061	.0019424	.0016166	.0031342	.0036658	.0545
%RSD	3.339226	1.591369	2.961550	6.944350	.5599978	.0217363

#1	.0981031	.1198599	.0528354	.0456150	.6539971	250.9418
#2	.1035001	.1235504	.0560230	.0417852	.6585352	250.9109
#3	.1044014	.1227556	.0548974	.0479975	.6512794	250.8358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5415339	.5407799	1.089341	268.2380	.6214240	.5449880
Stddev	.0008956	.0034976	.003010	.5077	.0008049	.0021858
%RSD	.1653892	.6467695	.2762777	.1892908	.1295306	.4010667

#1	.5405516	.5446587	1.087815	267.8630	.6220782	.5431040
#2	.5423052	.5378660	1.087401	268.0351	.6205251	.5444755
#3	.5417450	.5398151	1.092808	268.8158	.6216688	.5473845

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4965175	108.9394	.5501731	274.2357	1.074103	.2169908
Stddev	.0074802	.1299	.0019080	.4443	.003255	.0011473
%RSD	1.506527	.1192727	.3467913	.1620165	.3030562	.5287082

#1	.4914081	108.8173	.5486121	273.9107	1.072676	.2182582
#2	.4930411	108.9248	.5496070	274.0544	1.071804	.2166910
#3	.5051032	109.0760	.5523000	274.7420	1.077828	.2160232

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.967686	.5275508	F 1.199414	-.096380	.0045760	.0050885
Stddev	.114330	.0093140	.017222	.061338	.0048039	.0015149
%RSD	11.81480	1.765516	1.435872	63.64186	104.9803	29.77070

#1	-.986467	.5168521	1.193632	-.069589	.0081756	.0033492
#2	-.845129	.5338502	1.218783	-.166557	.0064313	.0061191
#3	-1.07146	.5319502	1.185828	-.052995	-.000879	.0057974

Sample Name: ICSAB Acquired: 11/12/2019 11:50:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	-.000112	.0076444	-.000727	-.000379	-.000825	.0082390
Stddev	.000380	.0069795	.000631	.001384	.000655	.0013679
%RSD	340.0561	91.30147	86.80635	365.2336	79.37418	16.60330

#1	-.000423	.0060815	.000001	-.001898	-.001227	.0074763
#2	.000311	.0152729	-.001071	-.000049	-.001178	.0074224
#3	-.000224	.0015789	-.001112	.000811	-.000069	.0098183

Elem	Sr4077
Units	ppm
Avg	F .1059878
Stddev	.0004910
%RSD	.4632322

#1	.1054463
#2	.1064039
#3	.1061131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.613	3272.005	44835.67	6761.445	3501.156
Stddev	10.151	1.678	194.92	39.364	8.911
%RSD	.5214925	.0512818	.4347535	.5821783	.2545091

#1	1935.080	3271.112	44637.32	6736.315	3505.451
#2	1950.568	3270.962	45026.97	6806.810	3507.106
#3	1954.192	3273.941	44842.73	6741.208	3490.912

Sample Name: ICSA Acquired: 11/12/2019 11:46:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	-.002498	.0047945	.0011274	-.009026	.0081303	247.2356
Stddev	.003056	.0025725	.0018847	.004797	.0021294	.9322
%RSD	122.3551	53.65479	167.1746	53.14638	26.19059	.3770447

#1	-.003729	.0025867	.0015634	-.005214	.0056805	246.2922
#2	-.004748	.0076194	.0027558	-.007451	.0091741	247.2585
#3	.000982	.0041774	-.000937	-.014412	.0095365	248.1561

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056935	.0009430	.0007841	261.3728	.0516548	.0001527
Stddev	.0002058	.0001441	.0001710	.8052	.0002669	.0003505
%RSD	3.615364	15.27791	21.80433	.3080800	.5167800	229.5505

#1	.0055139	.0009413	.0009812	260.9407	.0515155	.0005403
#2	.0059181	.0007998	.0006755	260.8759	.0519626	-.000142
#3	.0056485	.0010880	.0006956	262.3019	.0514863	.000060

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013905	106.7266	.0145042	268.7796	-.000954	-.002004
Stddev	.0017719	.5673	.0002284	1.1755	.000326	.000233
%RSD	127.4327	.5315531	1.575001	.4373609	34.21196	11.61134

#1	.0027678	106.4327	.0142662	267.8411	-.000988	-.001895
#2	.0020122	106.3665	.0145247	268.3996	-.001261	-.001845
#3	-.000609	107.3806	.0147216	270.0982	-.000611	-.002271

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.728136	.0035933	.0042115	-.048060	.0082082	.0086034
Stddev	.355722	.0041849	.0037503	.057028	.0024351	.0035086
%RSD	48.85379	116.4629	89.05110	118.6591	29.66691	40.78121

#1	-.326787	-.001046	.0085368	-.039353	.0058070	.0060081
#2	-.853130	.004743	.0022314	.004113	.0106759	.0072068
#3	-1.00449	.007084	.0018661	-.108942	.0081416	.0125951

Sample Name: ICSA Acquired: 11/12/2019 11:46:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) 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	-.000733	-.002667	-.009317	-.002817	-.001120	.0145608
Stddev	.000420	.007427	.002033	.000207	.001423	.0020061
%RSD	57.22095	278.4966	21.81595	7.360838	127.0295	13.77755

#1	-.000864	.004829	-.007020	-.002905	-.002731	.0135722
#2	-.000264	-.010024	-.010049	-.002581	-.000034	.0132408
#3	-.001072	-.002806	-.010883	-.002967	-.000595	.0168693

Elem	Sr4077
Units	ppm
Avg	F .1025868
Stddev	.0000874
%RSD	.0851989

#1	.1024868
#2	.1026485
#3	.1026251

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.784	3260.042	44490.95	6710.092	3496.007
Stddev	11.407	3.608	97.19	49.588	5.424
%RSD	.5892881	.1106778	.2184559	.7390070	.1551342

#1	1924.831	3263.895	44524.74	6694.805	3497.267
#2	1934.925	3259.489	44381.37	6669.947	3500.690
#3	1947.597	3256.742	44566.73	6765.524	3490.065

Sample Name: CCV051 Acquired: 11/12/2019 12:05:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.001516	5.061052	25.74438	4.855062	4.978554	409.2808	10.03308
Stddev	.027146	.020637	.06202	.018834	.015808	1.7708	.02384
%RSD	.5427597	.4077542	.2408959	.3879300	.3175134	.4326697	.2376407

#1	5.012266	5.039224	25.67332	4.871383	4.969258	407.2568	10.02602
#2	4.970641	5.080244	25.77218	4.834453	4.969598	410.5446	10.01357
#3	5.021641	5.063687	25.78763	4.859350	4.996806	410.0410	10.05966

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4923464	2.544919	421.2628	15.64770	2.599821	14.89465	423.2229
Stddev	.0051840	.005846	1.4574	.02821	.005287	.03642	.6235
%RSD	1.052923	.2297040	.3459509	.1802848	.2033483	.2445464	.1473265

#1	.4866029	2.538172	420.4205	15.67271	2.593784	14.86349	422.6236
#2	.4966787	2.548102	420.4223	15.61712	2.602052	14.88576	423.1770
#3	.4937577	2.548481	422.9456	15.65326	2.603626	14.93470	423.8681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04010	411.6311	2.550874	1.294977	419.3302	2.469715	14.97994
Stddev	.03695	.5429	.006241	.007840	1.2242	.010785	.15192
%RSD	.2456447	.1318813	.2446739	.6053865	.2919385	.4366870	1.014135

#1	15.00993	411.2996	2.543695	1.287955	418.3586	2.460597	14.86471
#2	15.02906	411.3360	2.553922	1.293541	418.9269	2.466928	14.92301
#3	15.08130	412.2575	2.555007	1.303436	420.7052	2.481620	15.15210

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.3990	5.196587	5.061110	5.009991	5.144550	4.945361	5.069408
Stddev	.1985	.014814	.034055	.012187	.001822	.047489	.015076
%RSD	.1328649	.2850796	.6728846	.2432456	.0354250	.9602827	.2974014

#1	149.3195	5.185671	5.023505	5.010958	5.142652	4.895084	5.052666
#2	149.6249	5.190640	5.089871	4.997350	5.144714	4.989458	5.081911
#3	149.2525	5.213451	5.069954	5.021666	5.146285	4.951540	5.073647

Sample Name: CCV051 Acquired: 11/12/2019 12:05:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.168257	5.205213	5.101489
Stddev	.007794	.015927	.003783
%RSD	.1508019	.3059898	.0741484

#1	5.173406	5.192430	5.104472
#2	5.159290	5.200154	5.102760
#3	5.172074	5.223056	5.097234

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.910	3006.015	43176.80	6651.080	3143.552
Stddev	9.765	4.543	290.18	5.122	7.507
%RSD	.5539214	.1511154	.6720717	.0770054	.2388068

#1	1771.632	3007.097	43184.05	6652.251	3151.511
#2	1764.737	3009.919	43463.28	6645.475	3136.599
#3	1752.360	3001.030	42883.06	6655.516	3142.546

Sample Name: CCB051 Acquired: 11/12/2019 12:09:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000604	-.000003	.0019703	.0050847	-.000726	.0106211	-.000483
Stddev	.001592	.001880	.0014988	.0033873	.000696	.0062978	.000615
%RSD	263.4076	55360.65	76.06913	66.61711	95.79712	59.29484	127.3634

#1	.000483	.001283	.0003670	.0063379	-.001073	.0126109	-.000018
#2	.000136	.000868	.0022077	.0012494	-.001180	.0156836	-.001181
#3	-.002431	-.002161	.0033362	.0076668	.000075	.0035688	-.000251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001099	.0000844	.0163751	-.000097	-.000081	.0013239	.0085151
Stddev	.0000640	.0000617	.0074366	.000183	.000096	.0029959	.0057341
%RSD	58.23722	73.06294	45.41420	188.9674	117.5280	226.2956	67.34076

#1	.0000539	.0000969	.0210968	-.000058	-.000026	.0025787	.0033905
#2	.0000962	.0001389	.0078028	-.000296	-.000192	.0034882	.0147084
#3	.0001796	.0000175	.0202258	.000064	-.000027	-.002095	.0074464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005725	-.007128	.0006547	.0004263	-.234972	-.003906	.0017165
Stddev	.0001383	.028992	.0002391	.0000431	.208858	.001387	.0009576
%RSD	24.16236	406.7182	36.51628	10.11214	88.88615	35.51310	55.78472

#1	.0007039	-.006761	.0007682	.0003785	-.462139	-.002906	.0007376
#2	.0005855	.021679	.0008159	.0004383	-.191516	-.003323	.0017609
#3	.0004282	-.036302	.0003800	.0004621	-.051261	-.005490	.0026511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.046981	-.002311	.0055925	.0004157	-.004059	-.007608	-.000412
Stddev	.058911	.002035	.0010077	.0003382	.003305	.000638	.000481
%RSD	125.3942	88.03141	18.01808	81.33770	81.42265	8.381084	116.8345

#1	.016742	-.002334	.0060677	.0008005	-.005451	-.008201	-.000967
#2	-.058225	-.004334	.0044351	.0001659	-.006440	-.007689	-.000158
#3	-.099460	-.000265	.0062747	.0002808	-.000286	-.006934	-.000111

Sample Name: CCB051 Acquired: 11/12/2019 12:09:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004857	.0064464	.0000893
Stddev	.0019862	.0018068	.0000489
%RSD	408.9745	28.02734	54.81954

#1	.0024355	.0081990	.0001164
#2	-.001535	.0045899	.0001187
#3	.000557	.0065504	.0000328

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.716	3520.324	47665.29	6950.221	3994.797
Stddev	11.782	1.669	92.72	5.862	7.278
%RSD	.5637882	.0474017	.1945186	.0843482	.1821927

#1	2100.549	3518.708	47763.76	6947.193	4003.123
#2	2091.426	3522.040	47579.66	6946.493	3991.628
#3	2077.173	3520.224	47652.45	6956.978	3989.641

Sample Name: PB124693BL Acquired: 11/12/2019 12:13:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW693 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002064	.0002845	.0018236	.0019671	-.000473	.0005772	-.000658
Stddev	.001746	.0016065	.0009620	.0006714	.001100	.0026399	.000518
%RSD	84.56763	564.7792	52.75367	34.13176	232.7389	457.3442	78.68284

#1	-.002983	-.000610	.0022807	.0018538	-.000650	-.002364	-.001224
#2	-.000051	.002139	.0024720	.0013595	.000705	.002741	-.000208
#3	-.003159	-.000676	.0007183	.0026879	-.001473	.001355	-.000542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000810	.0000034	-.001200	.0001098	-.000268	.0013565	-.007547
Stddev	.0000208	.0000702	.011701	.0003879	.000039	.0004557	.006385
%RSD	25.68951	2038.707	975.0125	353.4572	14.44536	33.59703	84.60140

#1	.0000657	.0000629	-.005594	.0004777	-.000265	.0018784	-.014615
#2	.0000727	.0000214	-.010069	.0001469	-.000308	.0011538	-.005828
#3	.0001047	-.000074	.012062	-.000295	-.000231	.0010373	-.002197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002966	-.022957	.0004531	.0006633	-.020884	.0005236	.0011535
Stddev	.0002445	.002735	.0001414	.0002774	.358648	.0036420	.0012296
%RSD	82.43307	11.91322	31.20534	41.82857	1717.318	695.5350	106.5967

#1	.0005754	-.020693	.0005207	.0003612	.213998	-.001085	.0002273
#2	.0001192	-.022181	.0005479	.0007221	-.433709	.004693	.0025485
#3	.0001951	-.025996	.0002906	.0009066	.157058	-.002037	.0006847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.082033	-.001039	-.003090	-.000037	-.002186	-.007700	-.000778
Stddev	.039443	.001802	.000820	.000384	.002482	.000206	.000444
%RSD	48.08222	173.3974	26.53904	1039.408	113.5235	2.679785	57.15362

#1	-.124756	-.001405	-.003731	.000406	-.004711	-.007807	-.000768
#2	-.047004	.000918	-.002166	-.000282	-.002097	-.007830	-.000338
#3	-.074338	-.002630	-.003374	-.000235	.000250	-.007462	-.001227

Sample Name: PB124693BL Acquired: 11/12/2019 12:13:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW693 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000998	-.000447	-.000135
Stddev	.0002884	.000177	.000065
%RSD	288.8256	39.62590	47.87125

#1	.0002440	-.000275	-.000209
#2	.0002877	-.000439	-.000102
#3	-.000232	-.000629	-.000093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.713	3527.922	47547.16	6984.267	3996.573
Stddev	12.106	3.737	20.49	6.552	4.285
%RSD	.5812403	.1059173	.0430867	.0938074	.1072165

#1	2085.642	3524.947	47535.03	6981.242	3994.024
#2	2069.412	3532.116	47535.63	6991.785	4001.520
#3	2093.086	3526.703	47570.81	6979.775	3994.174

Sample Name: PB124693BS Acquired: 11/12/2019 12:17:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS693 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186907	.0474248	.0201790	.0689085	.1138551	.3538412
Stddev	.0033846	.0008365	.0010263	.0016117	.0006548	.0048056
%RSD	18.10847	1.763839	5.085941	2.338942	.5751525	1.358123

#1	.0148039	.0483903	.0213161	.0671941	.1131342	.3483197
#2	.0209883	.0469630	.0193216	.0703928	.1140178	.3561244
#3	.0202798	.0469209	.0198992	.0691387	.1144132	.3570797

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3566593	.0093979	.0093060	9.277739	.0204977	.0901392
Stddev	.0006122	.0000386	.0000647	.035407	.0001211	.0004866
%RSD	.1716477	.4102314	.6955192	.3816318	.5905878	.5398189

#1	.3570798	.0093561	.0093042	9.311789	.0206283	.0897077
#2	.3559570	.0094322	.0092422	9.241116	.0204757	.0900434
#3	.3569413	.0094053	.0093716	9.280311	.0203892	.0906666

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0426399	.1925031	.0299642	9.061327	.0751146	.0190420
Stddev	.0030914	.0047311	.0002729	.048700	.0002460	.0004817
%RSD	7.250047	2.457701	.9108079	.5374448	.3274853	2.529831

#1	.0450984	.1978912	.0296936	9.005150	.0753852	.0195967
#2	.0391693	.1890281	.0302394	9.091609	.0749045	.0187287
#3	.0436519	.1905898	.0299595	9.087221	.0750542	.0188006

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.971332	.0903579	.1234856	8.257364	.0165972	F .0149164
Stddev	.433731	.0028865	.0034941	.084522	.0028768	.0006220
%RSD	4.834634	3.194548	2.829573	1.023601	17.33331	4.169813

#1	8.703124	.0908595	.1250631	8.354774	.0135779	.0143042
#2	8.739142	.0929608	.1259129	8.203404	.0169072	.0155477
#3	9.471729	.0872535	.1194809	8.213915	.0193065	.0148973

Sample Name: PB124693BS Acquired: 11/12/2019 12:17:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS693 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184398	.1608725	.1660712	.0104156	.1883676	F .0901626
Stddev	.0000461	.0041214	.0016430	.0005462	.0019696	.0002237
%RSD	.2497243	2.561939	.9893478	5.243912	1.045595	.2480920

#1	.0183883	.1603354	.1679130	.0108580	.1873366	.0904136
#2	.0184771	.1652362	.1655442	.0105837	.1871274	.0900897
#3	.0184540	.1570459	.1647563	.0098052	.1906386	.0899844

Elem	Sr4077
Units	ppm
Avg	.1805910
Stddev	.0002747
%RSD	.1520901

#1	.1806253
#2	.1803007
#3	.1808468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.137	3517.411	47687.34	6976.908	4007.236
Stddev	12.544	4.662	120.08	25.144	4.610
%RSD	.6015932	.1325486	.2518152	.3603834	.1150444

#1	2072.389	3520.634	47791.66	6954.815	4010.525
#2	2085.553	3519.534	47556.07	6971.643	4009.215
#3	2097.467	3512.065	47714.29	7004.268	4001.966

Sample Name: CCV052 Acquired: 11/12/2019 13:46:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.960762	4.991159	25.76465	4.858654	4.843297	387.8016	9.687741
Stddev	.010007	.009748	.04350	.011948	.012874	1.6675	.059262
%RSD	.2017206	.1952988	.1688536	.2459161	.2658056	.4299987	.6117211

#1	4.962148	4.985616	25.76105	4.847770	4.836771	386.2857	9.659731
#2	4.950135	4.985448	25.72306	4.856753	4.834993	387.5315	9.647676
#3	4.970004	5.002415	25.80985	4.871438	4.858127	389.5878	9.755816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4689280	2.505800	415.1629	15.27152	2.603992	14.39730	412.4365
Stddev	.0006389	.002177	1.9432	.05856	.005039	.12397	2.7021
%RSD	.1362392	.0868962	.4680603	.3834388	.1934931	.8610382	.6551630

#1	.4693673	2.505589	414.9571	15.32982	2.602522	14.32997	411.3518
#2	.4681951	2.503736	413.3308	15.27205	2.599852	14.32158	410.4452
#3	.4692216	2.508075	417.2008	15.21270	2.609602	14.54037	415.5124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74517	399.9111	2.476601	1.312565	409.8184	2.355682	15.08281
Stddev	.07424	2.4960	.002622	.006414	2.9320	.021211	.22741
%RSD	.5035123	.6241347	.1058585	.4886953	.7154310	.9004102	1.507714

#1	14.73830	399.1627	2.479601	1.319862	408.4850	2.343564	14.99552
#2	14.67461	397.8750	2.474751	1.307819	407.7901	2.343308	14.91199
#3	14.82262	402.6957	2.475452	1.310013	413.1800	2.380173	15.34093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	143.0770	5.179569	4.995127	4.903541	5.125664	4.824036	4.857504
Stddev	1.3575	.009086	.010626	.011698	.012288	.011436	.005923
%RSD	.9487999	.1754240	.2127334	.2385522	.2397280	.2370679	.1219306

#1	142.4358	5.169839	5.006107	4.895484	5.119755	4.835818	4.852601
#2	142.1589	5.181033	4.984894	4.898181	5.117447	4.812980	4.864085
#3	144.6364	5.187834	4.994381	4.916958	5.139790	4.823308	4.855827

Sample Name: CCV052 Acquired: 11/12/2019 13:46:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.145871	5.132915	5.021975
Stddev	.023557	.009214	.012626
%RSD	.4577901	.1795092	.2514194

#1	5.165696	5.131623	5.016038
#2	5.152088	5.124415	5.036476
#3	5.119828	5.142707	5.013412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1712.750	3023.177	42353.06	6678.711	3128.888
Stddev	12.347	7.195	234.42	25.768	1.553
%RSD	.7208795	.2380052	.5534785	.3858165	.0496345

#1	1709.974	3029.777	42082.38	6649.071	3130.679
#2	1726.248	3024.247	42489.36	6691.286	3128.069
#3	1702.027	3015.506	42487.43	6695.778	3127.917

Sample Name: CCB052 Acquired: 11/12/2019 13:50:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001295	-.002161	.0012156	.0075527	-.000197	.0070575	-.000960
Stddev	.001508	.001712	.0010739	.0011447	.001279	.0137549	.000341
%RSD	116.4833	79.22532	88.34023	15.15656	650.4068	194.8968	35.50213

#1	-.000225	-.003989	.0007766	.0080239	.001184	.0070598	-.001284
#2	-.000639	-.001899	.0024395	.0062476	-.001342	.0208112	-.000991
#3	-.003020	-.000595	.0004308	.0083867	-.000432	-.006698	-.000604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001092	-.000045	.0168260	-.000516	.0000190	.0052638	.0092480
Stddev	.0000576	.000066	.0163116	.000141	.0002426	.0016116	.0048562
%RSD	52.73785	146.0218	96.94279	27.43185	1279.606	30.61715	52.51120

#1	.0000430	-.000118	.0227141	-.000504	.0001572	.0062738	.0132550
#2	.0001366	-.000027	-.001612	-.000381	.0001609	.0034052	.0106416
#3	.0001479	.000010	.029376	-.000663	-.000261	.0061125	.0038473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007019	-.022473	.0004458	.0007493	-.217789	-.001087	.0034070
Stddev	.0002856	.012686	.0003176	.0002392	.181645	.000784	.0043590
%RSD	40.69463	56.44917	71.23781	31.91845	83.40432	72.09748	127.9423

#1	.0007401	-.036845	.0007970	.0005357	-.419914	-.000878	.0080936
#2	.0009666	-.012833	.0003616	.0010077	-.165246	-.000429	.0026536
#3	.0003991	-.017742	.0001788	.0007044	-.068207	-.001954	-.000526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.356487	-.002811	.0006310	.0003391	-.007103	-.009369	-.000903
Stddev	.062460	.002484	.0004015	.0002991	.007465	.001305	.000326
%RSD	17.52093	88.35053	63.62881	88.21514	105.0969	13.93224	36.06090

#1	-.425431	-.000129	.0006701	.0005103	-.014451	-.010451	-.001279
#2	-.340353	-.003273	.0010114	-.000006	.000473	-.009736	-.000706
#3	-.303677	-.005032	.0002113	.000513	-.007330	-.007919	-.000724

Sample Name: CCB052 Acquired: 11/12/2019 13:50:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006779	-.002957	.0001320
Stddev	.0002732	.001238	.0000364
%RSD	40.30166	41.88327	27.56183

#1	.0007088	-.003655	.0001169
#2	.0003905	-.001527	.0001735
#3	.0009343	-.003687	.0001056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.429	3591.144	47113.10	7078.263	4021.703
Stddev	6.719	4.698	54.71	43.705	9.566
%RSD	.3275446	.1308192	.1161248	.6174542	.2378471

#1	2049.141	3593.204	47057.81	7124.217	4019.161
#2	2058.993	3594.461	47167.21	7037.222	4032.282
#3	2046.151	3585.769	47114.28	7073.351	4013.665

Sample Name: K5745-01 Acquired: 11/12/2019 14:25:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043080	-.000093	.0016209	.0011957	-.001119	.3233273	.0365874
Stddev	.0017593	.001795	.0012596	.0011705	.001401	.0038835	.0004542
%RSD	40.83841	1925.531	77.70888	97.88779	125.1631	1.201096	1.241512

#1	.0028852	-.000666	.0019112	.0010708	-.000117	.3189817	.0370525
#2	.0062752	-.001532	.0002415	.0024237	-.000521	.3245419	.0365650
#3	.0037637	.001918	.0027099	.0000928	-.002719	.3264583	.0361448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001661	.0000290	13.51284	.0001239	.0001368	.0090528	.4038924
Stddev	.0000848	.0000642	.06315	.0004442	.0001550	.0022759	.0070007
%RSD	51.03180	221.4102	.4673114	358.3525	113.2784	25.14078	1.733309

#1	.0001353	.0000265	13.44972	.0006171	.0002307	.0103033	.3958125
#2	.0002619	.0000945	13.51278	-.000001	-.000042	.0064257	.4081494
#3	.0001010	-.000034	13.57602	-.000245	.000222	.0104293	.4077152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614104	2.115771	.0011806	.0007488	1.211251	-.000680	.0133796
Stddev	.0006186	.034690	.0001068	.0002894	.206481	.001431	.0024315
%RSD	1.007289	1.639593	9.042388	38.64358	17.04689	210.4147	18.17296

#1	.0620555	2.119717	.0010609	.0004302	.972830	-.000056	.0147559
#2	.0613533	2.148319	.0012147	.0009953	1.331374	-.002317	.0105722
#3	.0608223	2.079277	.0012661	.0008209	1.329548	.000333	.0148107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.467668	.0094612	.0077812	-.000460	1.622970	3.650671	-.002045
Stddev	.092251	.0026840	.0006016	.000190	.002129	.010761	.000408
%RSD	19.72569	28.36909	7.731315	41.41712	.1311831	.2947655	19.93782

#1	-.401594	.0080047	.0084252	-.000679	1.625287	3.658325	-.001814
#2	-.428346	.0078202	.0072336	-.000361	1.621101	3.638367	-.001804
#3	-.573064	.0125586	.0076848	-.000339	1.622522	3.655323	-.002515

Sample Name: K5745-01 Acquired: 11/12/2019 14:25:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0087835	-.007581	.0350593
Stddev	.0006834	.001475	.0000563
%RSD	7.780468	19.45754	.1605762

#1	.0095601	-.008914	.0350467
#2	.0082741	-.005996	.0351208
#3	.0085162	-.007834	.0350103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.553	3638.159	47441.61	7140.092	4085.910
Stddev	19.126	4.998	179.52	34.939	10.116
%RSD	.9228165	.1373849	.3783967	.4893320	.2475919

#1	2066.344	3641.884	47440.84	7101.491	4090.128
#2	2057.303	3640.115	47262.48	7169.550	4093.234
#3	2094.012	3632.479	47621.51	7149.236	4074.367

Sample Name: K5745-02 Acquired: 11/12/2019 14:29:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J01D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000421	-.000266	.0020147	.0024022	-.001730	.3361023	.0374146
Stddev	.0007308	.000519	.0009900	.0013801	.000530	.0226399	.0026943
%RSD	1735.179	195.1113	49.13562	57.45162	30.61966	6.736014	7.201299

#1	.0007235	.000157	.0014565	.0016401	-.001888	.3263214	.0360109
#2	-.000730	-.000845	.0031577	.0015712	-.002164	.3619884	.0405210
#3	.000132	-.000110	.0014299	.0039952	-.001140	.3199972	.0357119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001775	-.000080	13.95932	.0005267	.0000952	.0074750	.4160008
Stddev	.0000140	.000061	.93964	.0002942	.0001967	.0020795	.0262748
%RSD	7.886856	76.42366	6.731242	55.84939	206.5215	27.81890	6.316056

#1	.0001713	-.000093	13.44977	.0007853	-.000002	.0077532	.3990236
#2	.0001935	-.000134	15.04366	.0002067	-.000034	.0094014	.4462655
#3	.0001676	-.000014	13.38452	.0005881	.000322	.0052705	.4027132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0635290	2.153958	.0018343	.0009007	1.401336	.0039101	.0124362
Stddev	.0046519	.157051	.0006328	.0002966	.160246	.0003645	.0031394
%RSD	7.322478	7.291253	34.49883	32.93306	11.43527	9.321399	25.24436

#1	.0612912	2.065425	.0014879	.0012288	1.220344	.0041896	.0097785
#2	.0688768	2.335287	.0025646	.0006513	1.525155	.0034979	.0116300
#3	.0604188	2.061161	.0014502	.0008221	1.458507	.0040428	.0159001

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.391038	.0092081	.0082413	-.000420	1.612917	3.728761	-.002024
Stddev	.086572	.0015272	.0006217	.000202	.003940	.241089	.000694
%RSD	22.13908	16.58522	7.543466	48.19614	.2442881	6.465663	34.30776

#1	-.408155	.0109116	.0079316	-.000575	1.608645	3.607944	-.001370
#2	-.297186	.0087509	.0089570	-.000191	1.616408	4.006371	-.001949
#3	-.467773	.0079617	.0078353	-.000495	1.613699	3.571968	-.002753

Sample Name: K5745-02 Acquired: 11/12/2019 14:29:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J01D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0094736	-.006129	.0365222
Stddev	.0017723	.002286	.0024817
%RSD	18.70802	37.29336	6.795011

#1	.0078708	-.008758	.0350857
#2	.0113770	-.004619	.0393877
#3	.0091730	-.005009	.0350930

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.342	3634.603	47405.15	6967.202	4077.877
Stddev	19.024	6.527	422.34	414.477	4.231
%RSD	.9162418	.1795781	.8909072	5.948977	.1037565

#1	2080.405	3640.698	47341.20	7209.533	4079.796
#2	2093.007	3635.395	47855.82	6488.617	4080.809
#3	2055.614	3627.716	47018.44	7203.455	4073.027

Sample Name: K5745-03 Acquired: 11/12/2019 14:33:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J01S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0413692	.0545710	.0243929	.0149958	.1056476	2.131054	2.043837
Stddev	.0032732	.0009112	.0010220	.0029360	.0009746	.017068	.004940
%RSD	7.912091	1.669737	4.189536	19.57840	.9225279	.8009026	.2416956

#1	.0380959	.0541665	.0246177	.0153613	.1059059	2.116021	2.039822
#2	.0446423	.0556145	.0252837	.0118943	.1045698	2.127533	2.042336
#3	.0413694	.0539322	.0232772	.0177320	.1064671	2.149607	2.049354

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524421	.0545874	13.29662	.2268266	.5460669	.2200068	1.527568
Stddev	.0004690	.0000888	.02705	.0011816	.0008704	.0046854	.012999
%RSD	.8943886	.1626743	.2034299	.5209076	.1593863	2.129652	.8509734

#1	.0524233	.0546001	13.26545	.2280321	.5451559	.2190116	1.531799
#2	.0529202	.0544930	13.31393	.2267772	.5461547	.2158989	1.512980
#3	.0519827	.0546692	13.31048	.2256706	.5468900	.2251098	1.537924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5952710	2.086335	.5262731	.0549487	1.034784	.5031690	.6066238
Stddev	.0019225	.056189	.0006412	.0002208	.346356	.0041867	.0039311
%RSD	.3229531	2.693202	.1218279	.4017838	33.47130	.8320585	.6480302

#1	.5930653	2.114529	.5257572	.0549895	.683297	.4995227	.6042762
#2	.5965903	2.021632	.5260711	.0551461	1.045287	.5022433	.6111621
#3	.5961576	2.122845	.5269909	.0547103	1.375769	.5077411	.6044330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.390830	.0051825	.0081490	-.000288	1.608069	3.603426	-.002555
Stddev	.050364	.0021454	.0006343	.000167	.004901	.023243	.000530
%RSD	12.88637	41.39786	7.784147	58.06659	.3048055	.6450314	20.76204

#1	-.358664	.0070829	.0079464	-.000452	1.613676	3.591820	-.002345
#2	-.364955	.0028560	.0076406	-.000117	1.604594	3.630187	-.003158
#3	-.448871	.0056086	.0088598	-.000295	1.605939	3.588271	-.002162

Sample Name: K5745-03 Acquired: 11/12/2019 14:33:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J01S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0095730	-.008096	.0347803
Stddev	.0010566	.000845	.0001988
%RSD	11.03770	10.43908	.5716315

#1	.0084024	-.008912	.0345763
#2	.0098604	-.008150	.0349735
#3	.0104563	-.007224	.0347910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.637	3626.554	47331.39	7192.283	4060.099
Stddev	8.110	3.667	81.10	21.483	5.198
%RSD	.3939543	.1011093	.1713489	.2987009	.1280350

#1	2066.534	3628.639	47424.51	7210.168	4065.855
#2	2050.329	3622.320	47293.45	7168.453	4055.746
#3	2059.049	3628.703	47276.21	7198.229	4058.696

Sample Name: K5745-01LX5 Acquired: 11/12/2019 14:37:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J01L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001648	-.003763	.0011778	.0070110	-.001562	.0551298	.0058389
Stddev	.002286	.000830	.0004795	.0004543	.001322	.0057107	.0002899
%RSD	138.7799	22.06825	40.71706	6.479278	84.67598	10.35861	4.964326

#1	-.001688	-.004321	.0016818	.0069354	-.002703	.0487177	.0056834
#2	.000659	-.002808	.0011241	.0065993	-.000113	.0570031	.0061734
#3	-.003914	-.004158	.0007273	.0074983	-.001869	.0596685	.0056600

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000497	-.000045	2.697168	-.000327	-.000104	.0057446	.0794925
Stddev	.0000348	.000012	.006794	.000563	.000332	.0026398	.0011910
%RSD	70.04477	26.77084	.2518799	172.1712	318.8242	45.95255	1.498280

#1	.0000202	-.000035	2.690015	-.000912	-.000167	.0040998	.0783701
#2	.0000408	-.000058	2.703534	.000210	.000255	.0087896	.0793655
#3	.0000880	-.000041	2.697955	-.000279	-.000400	.0043446	.0807420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121088	.4292691	.0007785	.0004328	-.046992	-.001959	.0065275
Stddev	.0005656	.0229450	.0001401	.0004678	.147775	.001008	.0027429
%RSD	4.670789	5.345131	17.99198	108.0686	314.4688	51.43443	42.02104

#1	.0115139	.4033326	.0006346	.0002257	-.141325	-.002794	.0042922
#2	.0121729	.4469220	.0009144	.0001044	.123314	-.002244	.0057018
#3	.0126396	.4375528	.0007866	.0009684	-.122966	-.000840	.0095884

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.583124	.0005167	-.006825	-.000264	.2992278	.6964599	-.001592
Stddev	.023122	.0008414	.001055	.000227	.0029812	.0015617	.000350
%RSD	3.965227	162.8181	15.46018	85.93449	.9963105	.2242318	21.98509

#1	-.556852	.0006163	-.008037	-.000125	.3009328	.6967714	-.001976
#2	-.600379	.0013039	-.006328	-.000527	.3009652	.6978424	-.001289
#3	-.592141	-.000370	-.006110	-.000142	.2957854	.6947660	-.001512

Sample Name: K5745-01LX5 Acquired: 11/12/2019 14:37:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J01L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022932	-.006954	.0069413
Stddev	.0003220	.000838	.0000623
%RSD	14.04140	12.05547	.8982927

#1	.0019451	-.007921	.0069741
#2	.0025804	-.006502	.0069804
#3	.0023541	-.006438	.0068694

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.084	3612.464	47026.98	7159.654	4055.510
Stddev	18.422	5.426	295.53	30.289	8.960
%RSD	.9012258	.1502086	.6284216	.4230480	.2209403

#1	2029.962	3610.322	46929.07	7159.609	4050.713
#2	2064.921	3618.634	47359.04	7129.388	4065.848
#3	2037.368	3608.436	46792.83	7189.966	4049.970

Sample Name: K5745-04 Acquired: 11/12/2019 14:41:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001736	-.000418	.0034859	.0030663	-.001491	.3230107	.0365925
Stddev	.000568	.001050	.0010015	.0025219	.001124	.0067423	.0006783
%RSD	32.70109	251.1859	28.73099	82.24662	75.34696	2.087322	1.853556

#1	-.001119	-.000891	.0024925	.0037635	-.002701	.3278641	.0364084
#2	-.002236	-.001148	.0034698	.0051663	-.000481	.3258558	.0373438
#3	-.001853	.000785	.0044954	.0002691	-.001291	.3153122	.0360253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001802	-.000017	13.53839	.0004211	.0011615	.0067306	.4155383
Stddev	.0000353	.000038	.03881	.0005355	.0001386	.0020622	.0128833
%RSD	19.56350	224.9846	.2866607	127.1786	11.93446	30.63970	3.100379

#1	.0001418	-.000057	13.49550	.0003345	.0013210	.0077462	.4284264
#2	.0001878	.000018	13.57108	-.000066	.0010942	.0043576	.4155284
#3	.0002111	-.000012	13.54860	.000995	.0010694	.0080881	.4026599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0650023	2.143593	.0019260	.0007426	1.063462	.0007931	.0108760
Stddev	.0001232	.021356	.0000807	.0004164	.041659	.0035841	.0015058
%RSD	.1895097	.9962490	4.190474	56.07307	3.917270	451.9398	13.84550

#1	.0650350	2.120759	.0019199	.0003412	1.015791	.0004328	.0091812
#2	.0648661	2.163073	.0020096	.0007140	1.092869	-.002597	.0120599
#3	.0651059	2.146947	.0018486	.0011725	1.081727	.004544	.0113870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.395299	.0095076	.0068911	-.000354	1.623902	3.638461	-.001980
Stddev	.067729	.0018737	.0008944	.000420	.001992	.018669	.000498
%RSD	17.13368	19.70777	12.97917	118.6786	.1226869	.5131008	25.16280

#1	-.455612	.0076452	.0076244	-.000262	1.626040	3.618544	-.002284
#2	-.408260	.0113925	.0071542	-.000812	1.623567	3.655563	-.002252
#3	-.322026	.0094852	.0058946	.000012	1.622098	3.641275	-.001405

Sample Name: K5745-04 Acquired: 11/12/2019 14:41:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J03 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0089096	-.008151	.0349074
Stddev	.0013625	.001159	.0000639
%RSD	15.29266	14.22191	.1830145

#1	.0099401	-.009486	.0348377
#2	.0073648	-.007405	.0349215
#3	.0094239	-.007561	.0349631

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.699	3625.177	47102.44	7189.174	4071.864
Stddev	11.023	13.843	148.13	10.995	9.192
%RSD	.5377963	.3818559	.3144931	.1529418	.2257325

#1	2037.709	3636.392	46940.87	7192.652	4082.089
#2	2051.994	3629.433	47134.61	7176.861	4069.214
#3	2059.394	3609.705	47231.85	7198.011	4064.288

Sample Name: K5745-05 Acquired: 11/12/2019 14:45:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000667	.0015550	.0033424	.0049204	-.001350	.2626009	.0549514
Stddev	.0010136	.0017150	.0011992	.0023577	.001326	.0136130	.0007074
%RSD	1520.095	110.2882	35.87926	47.91671	98.23612	5.183904	1.287258

#1	-.001092	.0026456	.0046132	.0023623	-.002869	.2497035	.0557523
#2	.000791	.0024412	.0031835	.0053928	-.000423	.2768314	.0544120
#3	.000501	-.000422	.0022306	.0070062	-.000757	.2612678	.0546900

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001781	.0000922	14.51294	.0002383	.0020803	.0079553	.8159991
Stddev	.0000501	.0000455	.06487	.0003211	.0003332	.0015026	.0071759
%RSD	28.11369	49.41158	.4469923	134.7839	16.01623	18.88764	.8793970

#1	.0002018	.0000850	14.48031	.0005086	.0019406	.0067744	.8077154
#2	.0002119	.0000506	14.58765	-.000117	.0024606	.0096466	.8199721
#3	.0001206	.0001408	14.47085	.000323	.0018397	.0074449	.8203097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890667	2.044087	.0026305	.0007537	4.277159	-.000465	.0443834
Stddev	.0005937	.020890	.0003262	.0003014	.238610	.004375	.0045982
%RSD	.3140451	1.021986	12.40122	39.99161	5.578707	940.8143	10.36018

#1	.1892229	2.054973	.0029866	.0008123	4.005721	-.005491	.0428570
#2	.1895668	2.020002	.0025586	.0010215	4.371943	.001609	.0495507
#3	.1884105	2.057286	.0023462	.0004273	4.453815	.002488	.0407425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012678	.0067797	.0151970	-.000545	4.780723	4.578906	-.002719
Stddev	.082823	.0008364	.0001977	.000145	.025964	.014917	.000269
%RSD	653.3029	12.33663	1.300565	26.70352	.5430966	.3257759	9.906587

#1	.076800	.0073504	.0150343	-.000641	4.759260	4.585190	-.002589
#2	-.086658	.0058196	.0151399	-.000377	4.773328	4.589653	-.003029
#3	-.028175	.0071691	.0154170	-.000616	4.809583	4.561875	-.002540

Sample Name: K5745-05 Acquired: 11/12/2019 14:45:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J05 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0056196	-.008119	.0485427
Stddev	.0006335	.001079	.0001608
%RSD	11.27252	13.28357	.3311834

#1	.0049452	-.007594	.0484044
#2	.0062021	-.009360	.0487191
#3	.0057114	-.007404	.0485045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.562	3620.159	47163.99	7201.847	4061.537
Stddev	7.549	5.064	154.62	23.527	1.790
%RSD	.3683091	.1398716	.3278391	.3266826	.0440777

#1	2040.958	3624.830	47040.02	7209.903	4059.662
#2	2052.652	3614.778	47337.25	7175.350	4061.722
#3	2055.075	3620.871	47114.71	7220.289	4063.228

Sample Name: K5745-06 Acquired: 11/12/2019 14:49:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028476	-.000841	.0056920	.0034638	-.002402	.4075087	.1126666
Stddev	.0009088	.000958	.0010770	.0028539	.001824	.0102802	.0008372
%RSD	31.91588	113.9437	18.92180	82.39109	75.92730	2.522702	.7430861

#1	.0018129	-.001947	.0046613	.0007530	-.002805	.4024836	.1118071
#2	.0035167	-.000272	.0056046	.0031966	-.000411	.4193349	.1127131
#3	.0032133	-.000304	.0068101	.0064420	-.003991	.4007075	.1134796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004869	.0000894	4.504215	-.000230	.0081955	.0032097	2.208791
Stddev	.0000282	.0000928	.011026	.000624	.0002937	.0031010	.033341
%RSD	5.798448	103.8410	.2447986	270.6241	3.583750	96.61411	1.509460

#1	.0004569	.0001959	4.493910	-.000640	.0078734	.0066194	2.174086
#2	.0004908	.0000258	4.515843	.000487	.0084484	.0024517	2.240576
#3	.0005130	.0000465	4.502893	-.000539	.0082647	.0005579	2.211711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7416685	1.588709	.0030372	.0007805	8.110671	.0004939	.0378525
Stddev	.0019479	.027341	.0002636	.0001342	.179035	.0021066	.0033670
%RSD	.2626348	1.720957	8.679795	17.19555	2.207404	426.5603	8.895071

#1	.7405623	1.613177	.0028382	.0008769	7.915522	.0008326	.0356718
#2	.7439176	1.559197	.0033362	.0006272	8.149159	.0024106	.0417304
#3	.7405257	1.593751	.0029372	.0008373	8.267332	-.001762	.0361554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.274236	.0043709	.0041697	-.000702	.8738434	5.689072	-.002311
Stddev	.044274	.0021186	.0016475	.000212	.0035830	.023681	.000490
%RSD	16.14468	48.47015	39.51191	30.27652	.4100289	.4162624	21.20309

#1	-.301255	.0052529	.0028476	-.000691	.8776110	5.665634	-.001745
#2	-.223140	.0059061	.0036462	-.000495	.8704791	5.688591	-.002614
#3	-.298311	.0019538	.0060154	-.000919	.8734401	5.712990	-.002572

Sample Name: K5745-06 Acquired: 11/12/2019 14:49:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J07 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0066123	-.007486	.0278173
Stddev	.0011158	.002031	.0000405
%RSD	16.87524	27.13542	.1456641

#1	.0075751	-.008433	.0278480
#2	.0053894	-.005154	.0278326
#3	.0068724	-.008870	.0277714

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.991	3636.143	47395.80	7186.147	4080.449
Stddev	12.564	4.282	185.75	52.731	6.892
%RSD	.6113960	.1177544	.3919091	.7337870	.1688917

#1	2067.285	3640.211	47402.68	7245.894	4081.982
#2	2055.514	3636.542	47578.02	7166.435	4086.445
#3	2042.173	3631.676	47206.71	7146.112	4072.920

Sample Name: K5745-07 Acquired: 11/12/2019 14:53:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J09 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048114	-.001752	.0038196	.0026502	-.000825	.1797348	.0692531
Stddev	.0008509	.001409	.0007030	.0012877	.000625	.0078665	.0005386
%RSD	17.68550	80.42696	18.40520	48.58904	75.77449	4.376755	.7777394

#1	.0057437	-.002120	.0045340	.0011722	-.001318	.1706530	.0697006
#2	.0040766	-.002942	.0037963	.0035298	-.001035	.1841248	.0694034
#3	.0046139	-.000196	.0031285	.0032486	-.000122	.1844266	.0686553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001271	.0000974	21.21220	.0004951	.0016634	.0078358	.6021416
Stddev	.0000555	.0001267	.13660	.0001440	.0001629	.0023625	.0063353
%RSD	43.69551	130.0605	.6439696	29.09281	9.793317	30.14960	1.052129

#1	.0001891	-.000036	21.16332	.0005156	.0018398	.0051080	.6048031
#2	.0001099	.000112	21.36652	.0003418	.0016315	.0092195	.6067120
#3	.0000821	.000216	21.10677	.0006277	.0015188	.0091800	.5949097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0976976	2.679583	.0032955	.0010160	5.486334	.0007439	.0610595
Stddev	.0012944	.011304	.0001948	.0003445	.446207	.0047499	.0003568
%RSD	1.324922	.4218715	5.911855	33.91028	8.133069	638.5023	.5843038

#1	.0982996	2.679658	.0033091	.0006889	5.967730	-.004666	.0613034
#2	.0985814	2.668241	.0034831	.0009834	5.404676	.002669	.0606500
#3	.0962118	2.690849	.0030942	.0013756	5.086594	.004229	.0612250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2130218	.0046357	.0301928	-.000505	7.895764	4.873384	-.003063
Stddev	.0841807	.0012370	.0009455	.000248	.007544	.052476	.000692
%RSD	39.51741	26.68514	3.131432	49.04233	.0955511	1.076798	22.59966

#1	.1901737	.0045031	.0306239	-.000723	7.892574	4.832945	-.003309
#2	.1426238	.0034703	.0308459	-.000556	7.904379	4.932685	-.002281
#3	.3062681	.0059337	.0291086	-.000236	7.890337	4.854523	-.003598

Sample Name: K5745-07 Acquired: 11/12/2019 14:53:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J09 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0043300	-.007569	.0700598
Stddev	.0009721	.000579	.0001865
%RSD	22.44911	7.644739	.2661804

#1	.0033604	-.007406	.0699373
#2	.0043252	-.007089	.0702744
#3	.0053045	-.008212	.0699676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.650	3610.663	47002.40	7204.565	4062.163
Stddev	22.007	6.991	277.80	52.217	4.763
%RSD	1.074203	.1936326	.5910261	.7247810	.1172631

#1	2073.751	3616.338	47234.39	7206.007	4065.651
#2	2032.672	3602.853	46694.55	7151.641	4056.736
#3	2039.528	3612.798	47078.24	7256.046	4064.102

Sample Name: K5745-08 Acquired: 11/12/2019 14:57:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013669	.0000161	.0005773	.0050729	-.002393	.3709256	.0034137
Stddev	.0031591	.0004197	.0008061	.0020262	.000376	.0055042	.0004179
%RSD	231.1090	2613.580	139.6438	39.94156	15.70648	1.483910	12.24125

#1	-.001374	.0003864	-.000334	.0053744	-.002183	.3689707	.0036942
#2	.000654	-.000440	.001196	.0069315	-.002827	.3771404	.0036135
#3	.004822	.000102	.000870	.0029129	-.002169	.3666657	.0029334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001371	-.000006	.4413465	.0003176	.0019872	.0070220	.2051034
Stddev	.0000205	.000024	.0092250	.0002093	.0002378	.0008486	.0032588
%RSD	14.98513	394.8042	2.090189	65.89605	11.96564	12.08460	1.588864

#1	.0001492	-.000011	.4467800	.0005505	.0017776	.0072273	.2082745
#2	.0001487	-.000027	.4306951	.0001454	.0019384	.0077491	.2017635
#3	.0001134	.000020	.4465644	.0002568	.0022456	.0060896	.2052722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119153	.2156902	.0009986	.0009075	.3867954	.0000580	.0052873
Stddev	.0001720	.0290550	.0001653	.0003269	.0869597	.0020029	.0020260
%RSD	1.443275	13.47069	16.55414	36.02213	22.48210	3454.566	38.31884

#1	.0120998	.1904181	.0008735	.0009759	.4835238	.0023104	.0031201
#2	.0117595	.2474360	.0009363	.0011948	.3617703	-.000613	.0071340
#3	.0118864	.2092167	.0011860	.0005518	.3150922	-.001523	.0056078

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2232470	.0018562	-.001333	-.000405	.4492127	.8199704	-.001540
Stddev	.1111010	.0017253	.000388	.000053	.0020524	.0063438	.000335
%RSD	49.76593	92.95098	29.10125	13.17177	.4568949	.7736660	21.72126

#1	.1116465	.0000722	-.000886	-.000397	.4468609	.8136076	-.001553
#2	.2242530	.0035162	-.001582	-.000463	.4506423	.8200085	-.001869
#3	.3338416	.0019801	-.001530	-.000357	.4501348	.8262951	-.001200

Sample Name: K5745-08 Acquired: 11/12/2019 14:57:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J11 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0101836	-.008823	.0022636
Stddev	.0007446	.001519	.0001044
%RSD	7.311826	17.22041	4.611997

#1	.0093961	-.007298	.0022627
#2	.0102783	-.010337	.0023685
#3	.0108763	-.008835	.0021597

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.203	3630.285	46748.74	7161.997	4065.659
Stddev	6.061	14.802	214.33	21.722	13.740
%RSD	.2972147	.4077378	.4584707	.3032957	.3379470

#1	2032.211	3615.401	46503.76	7186.188	4056.296
#2	2042.948	3630.449	46840.79	7144.163	4059.249
#3	2042.451	3645.004	46901.66	7155.638	4081.433

Sample Name: K5745-09 Acquired: 11/12/2019 15:01:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000154	-.000273	.0030537	.0021375	-.000945	.3557847	.0319823
Stddev	.001226	.000141	.0015258	.0044711	.000360	.0072310	.0003038
%RSD	797.0296	51.78938	49.96415	209.1772	38.06494	2.032403	.9499932

#1	.000127	-.000208	.0020729	.0061454	-.001221	.3641330	.0317016
#2	-.001495	-.000175	.0048116	.0029518	-.000538	.3517398	.0319405
#3	.000907	-.000435	.0022768	-.002685	-.001076	.3514813	.0323049

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001931	.0000980	2.111931	.0002508	.0003686	.0054653	2.983344
Stddev	.0000404	.0000891	.012846	.0001207	.0000877	.0028207	.017586
%RSD	20.90125	90.88046	.6082765	48.12448	23.78421	51.61042	.5894836

#1	.0001493	.0000042	2.126706	.0003389	.0002817	.0028825	3.002802
#2	.0002288	.0001084	2.105684	.0001132	.0004571	.0050383	2.978649
#3	.0002011	.0001815	2.103403	.0003004	.0003669	.0084752	2.968582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023997	.7984328	.0010468	.0008836	2.619047	.0022260	.0095144
Stddev	.0003266	.0306726	.0001740	.0004451	.102784	.0031748	.0008224
%RSD	.3189057	3.841594	16.61920	50.37171	3.924473	142.6239	8.643376

#1	.1027650	.8005949	.0012454	.0005020	2.607550	.0004715	.0102231
#2	.1021361	.8279670	.0009737	.0007763	2.522495	.0058909	.0086127
#3	.1022980	.7667364	.0009213	.0013725	2.727096	.0003156	.0097074

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.177389	.0116570	.0018368	-.000477	.5412129	3.195052	-.001376
Stddev	.069785	.0015394	.0007698	.000128	.0035192	.027005	.000314
%RSD	39.34006	13.20562	41.90713	26.88968	.6502431	.8452088	22.85410

#1	-.246436	.0098805	.0014896	-.000450	.5414743	3.178470	-.001023
#2	-.178844	.0124928	.0027191	-.000365	.5375703	3.180473	-.001628
#3	-.106889	.0125977	.0013018	-.000617	.5445941	3.226213	-.001476

Sample Name: K5745-09 Acquired: 11/12/2019 15:01:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J31 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0054991	-.009371	.0117954
Stddev	.0008850	.001061	.0000609
%RSD	16.09301	11.32100	.5161530

#1	.0047955	-.010198	.0117683
#2	.0064927	-.009739	.0118651
#3	.0052091	-.008175	.0117527

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.963	3625.094	47128.42	7161.223	4056.065
Stddev	15.666	2.554	230.49	27.289	1.133
%RSD	.7630712	.0704499	.4890767	.3810648	.0279236

#1	2069.669	3622.184	47370.79	7182.013	4057.369
#2	2050.619	3626.960	46911.99	7171.335	4055.329
#3	2038.602	3626.140	47102.47	7130.322	4055.496

Sample Name: K5745-10 Acquired: 11/12/2019 15:05:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010826	.0001599	.0016411	.0030604	-.002054	.4027833	.0049736
Stddev	.0012128	.0014622	.0008473	.0019298	.000281	.0105508	.0001094
%RSD	112.0301	914.4144	51.63143	63.05600	13.70153	2.619469	2.198968

#1	-.000135	.0014770	.0020991	.0043332	-.002227	.4064081	.0050939
#2	.001091	-.001413	.0021608	.0008400	-.002204	.4110439	.0049466
#3	.002291	.000416	.0006633	.0040081	-.001729	.3908980	.0048802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001564	-.000057	.5711855	-.000058	.0000154	.0053629	.2492456
Stddev	.0000246	.000018	.0081049	.000300	.0002304	.0020478	.0042805
%RSD	15.72865	32.03796	1.418962	520.8153	1498.870	38.18366	1.717365

#1	.0001326	-.000054	.5739302	.000169	.0002713	.0031969	.2453650
#2	.0001817	-.000040	.5620646	-.000398	-.000050	.0056244	.2538369
#3	.0001547	-.000076	.5775617	.000057	-.000176	.0072673	.2485347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096609	.2506528	.0009973	.0007092	.6770538	-.000708	.0105402
Stddev	.0002540	.0323823	.0003150	.0004298	.1950657	.002082	.0019232
%RSD	2.629489	12.91920	31.58423	60.60011	28.81095	294.0081	18.24652

#1	.0094241	.2326617	.0006690	.0002156	.6595455	-.002752	.0093886
#2	.0096295	.2312608	.0012970	.0009114	.8802834	.001411	.0127604
#3	.0099292	.2880359	.0010261	.0010005	.4913325	-.000784	.0094715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1648762	.0054956	-.001494	-.000357	.4613596	.8274407	-.001925
Stddev	.0252518	.0023074	.000756	.000136	.0034588	.0045273	.001265
%RSD	15.31562	41.98587	50.61495	38.22322	.7496977	.5471433	65.69324

#1	.1910815	.0078162	-.001830	-.000226	.4653535	.8232698	-.001438
#2	.1407004	.0032016	-.000628	-.000498	.4593618	.8322555	-.003361
#3	.1628467	.0054690	-.002024	-.000346	.4593635	.8267970	-.000976

Sample Name: K5745-10 Acquired: 11/12/2019 15:05:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J15 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0129499	-.008364	.0034679
Stddev	.0012477	.000955	.0000438
%RSD	9.634523	11.41886	1.262401

#1	.0117211	-.008858	.0034342
#2	.0142156	-.007263	.0034521
#3	.0129129	-.008971	.0035174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.526	3620.378	47083.25	7145.430	4046.587
Stddev	17.446	6.145	287.90	51.527	7.109
%RSD	.8466776	.1697438	.6114619	.7211156	.1756769

#1	2079.888	3618.288	47370.63	7191.774	4044.744
#2	2046.030	3627.296	47084.28	7154.573	4054.436
#3	2055.659	3615.551	46794.84	7089.944	4040.581

Sample Name: K5745-11 Acquired: 11/12/2019 15:10:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016975	-.000214	.0004548	.0031778	-.001350	.3718843	.0049692
Stddev	.0043544	.000650	.0007135	.0041281	.000824	.0090114	.0005123
%RSD	256.5217	303.7644	156.8853	129.9006	61.00276	2.423165	10.30855

#1	.0049075	.000536	.0003569	-.000910	-.001068	.3718417	.0053026
#2	-.003259	-.000598	-.000205	.007345	-.002278	.3628942	.0043793
#3	.003444	-.000580	.001212	.003098	-.000705	.3809168	.0052255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001450	-.000081	.4604641	.0000256	.0002177	.0062192	.2625607
Stddev	.0000198	.000036	.0130464	.0002238	.0000237	.0012961	.0033116
%RSD	13.63431	43.94953	2.833307	873.6557	10.88717	20.84034	1.261279

#1	.0001533	-.000108	.4694125	-.000203	.0002398	.0049985	.2631570
#2	.0001225	-.000095	.4664851	.000036	.0002207	.0060797	.2589914
#3	.0001593	-.000041	.4454945	.000244	.0001926	.0075794	.2655336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124886	.2670166	.0124190	.0008299	.7206807	-.000182	.0079134
Stddev	.0005383	.0139035	.0000727	.0002346	.0681159	.002431	.0019586
%RSD	4.310165	5.206980	.5854276	28.26514	9.451598	1337.622	24.75054

#1	.0123087	.2623142	.0124394	.0009091	.6583804	.002008	.0077378
#2	.0120632	.2560742	.0124793	.0005659	.7934094	-.002798	.0099539
#3	.0130938	.2826616	.0123383	.0010145	.7102525	.000245	.0060485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2499064	.0055078	-.001121	-.000492	.4502480	.7979854	-.001379
Stddev	.0461837	.0001488	.001286	.000211	.0021371	.0054110	.000401
%RSD	18.48039	2.701407	114.6718	42.83621	.4746543	.6780877	29.07785

#1	.3025876	.0055728	-.002058	-.000708	.4520158	.8032305	-.001047
#2	.2307390	.0053376	-.001650	-.000286	.4508553	.7983033	-.001825
#3	.2163928	.0056130	.000345	-.000484	.4478730	.7924225	-.001265

Sample Name: K5745-11 Acquired: 11/12/2019 15:10:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J17 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0110963	-.009104	.0028908
Stddev	.0013910	.001167	.0000480
%RSD	12.53592	12.81647	1.658788

#1	.0095832	-.010078	.0028499
#2	.0123195	-.007811	.0029435
#3	.0113863	-.009425	.0028789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.180	3615.999	47347.37	7164.878	4043.969
Stddev	17.484	1.547	178.27	6.833	3.017
%RSD	.8462147	.0427958	.3765119	.0953712	.0745997

#1	2070.342	3617.721	47420.29	7159.249	4040.615
#2	2046.990	3614.725	47144.20	7162.903	4044.831
#3	2081.208	3615.551	47477.61	7172.481	4046.460

Sample Name: K5745-12 Acquired: 11/12/2019 15:14:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002701	-.001112	.0011178	.0036169	-.001008	.4555430	.0047810
Stddev	.000453	.000424	.0013777	.0017155	.000201	.0197509	.0002385
%RSD	16.76926	38.11453	123.2499	47.43162	19.97191	4.335675	4.989297

#1	-.003191	-.000810	-.000377	.0055940	-.000809	.4780492	.0050541
#2	-.002298	-.000930	.001393	.0025220	-.001212	.4474833	.0046755
#3	-.002615	-.001597	.002337	.0027347	-.001004	.4410964	.0046134

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000947	-.000019	.8779566	-.000519	.0000172	.0052987	.2368053
Stddev	.0000094	.000058	.0044605	.000333	.0002574	.0008384	.0128919
%RSD	9.962534	310.7178	.5080516	64.01292	1501.016	15.82187	5.444076

#1	.0000861	-.000038	.8821598	-.000903	.0000027	.0043340	.2506313
#2	.0000933	-.000064	.8784328	-.000350	.0002815	.0058502	.2346705
#3	.0001048	.000046	.8732771	-.000306	-.000233	.0057121	.2251141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038012	.3361117	.0010778	.0006793	.3923318	.0025615	.0097143
Stddev	.0002214	.0144182	.0002703	.0002433	.1646472	.0013371	.0019537
%RSD	5.824186	4.289711	25.08282	35.80958	41.96632	52.20081	20.11154

#1	.0039507	.3503578	.0008810	.0009592	.5815928	.0036674	.0111133
#2	.0039059	.3215273	.0013860	.0005187	.3133190	.0010755	.0105473
#3	.0035468	.3364501	.0009662	.0005600	.2820836	.0029416	.0074821

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8586599	.0064608	-.001352	-.000377	.4609749	1.053862	-.001756
Stddev	.0333207	.0020791	.000598	.000265	.0024386	.008228	.000725
%RSD	3.880547	32.17974	44.23633	70.34609	.5290085	.7807948	41.27542

#1	.8872307	.0064098	-.001622	-.000292	.4613901	1.063359	-.002557
#2	.8666916	.0085649	-.000667	-.000164	.4631793	1.049362	-.001567
#3	.8220574	.0044077	-.001768	-.000674	.4583554	1.048865	-.001145

Sample Name: K5745-12 Acquired: 11/12/2019 15:14:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J19 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0117865	-.008012	.0037580
Stddev	.0019873	.002114	.0000497
%RSD	16.86101	26.38963	1.322804

#1	.0140199	-.010342	.0038125
#2	.0111263	-.007479	.0037464
#3	.0102133	-.006215	.0037151

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.095	3616.053	47005.35	7160.434	4043.471
Stddev	9.158	4.094	221.32	42.615	4.266
%RSD	.4453916	.1132304	.4708435	.5951481	.1055070

#1	2052.864	3620.141	47231.65	7111.914	4041.571
#2	2066.430	3611.952	46995.02	7177.595	4040.485
#3	2048.991	3616.068	46789.37	7191.794	4048.357

Sample Name: K5745-14 Acquired: 11/12/2019 15:22:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037511	.0001416	.0103269	.0048502	-.001405	.0033415	.1398909
Stddev	.0032379	.0016960	.0002406	.0029838	.001341	.0056532	.0004340
%RSD	86.31820	1197.925	2.330320	61.51903	95.44387	169.1843	.3102567

#1	.0051080	.0000235	.0101813	.0029883	.000011	.0024311	.1398171
#2	.0060898	-.001492	.0106046	.0032706	-.002655	.0093947	.1403571
#3	.0000555	.001894	.0101946	.0082918	-.001571	-.001801	.1394986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000754	.0001869	6.226966	.0003324	-.000444	.0099178	-.007794
Stddev	.0000044	.0000998	.027601	.0001913	.000253	.0007278	.005919
%RSD	5.884358	53.42404	.4432539	57.56737	57.06726	7.338422	75.94304

#1	.0000788	.0002190	6.197224	.0002642	-.000180	.0091510	-.001144
#2	.0000770	.0000749	6.251756	.0005485	-.000467	.0105990	-.009753
#3	.0000704	.0002667	6.231919	.0001845	-.000685	.0100034	-.012486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000238	1.638181	.0037396	.0009872	13.62388	.0016134	.0067948
Stddev	.0004150	.018668	.0000461	.0003768	.09783	.0017305	.0017203
%RSD	1747.690	1.139579	1.232145	38.17237	.7181111	107.2545	25.31725

#1	.0004843	1.658548	.0037916	.0010280	13.62904	.0025858	.0072944
#2	-.000092	1.621883	.0037038	.0013419	13.71904	.0026390	.0048800
#3	-.000321	1.634111	.0037233	.0005916	13.52357	-.000385	.0082099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.943462	.0440003	.0010202	-.000384	.5913028	24.24769	-.002055
Stddev	.072178	.0022056	.0011294	.000195	.0020654	.06470	.000124
%RSD	3.713906	5.012706	110.6991	50.86628	.3492954	.2668106	6.013314

#1	1.997317	.0440609	.0007489	-.000203	.5911247	24.24625	-.002058
#2	1.971621	.0461749	.0022606	-.000358	.5893322	24.31309	-.002177
#3	1.861449	.0417650	.0000512	-.000591	.5934515	24.18372	-.001930

Sample Name: K5745-14 Acquired: 11/12/2019 15:22:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J25 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021544	-.004942	.1085770
Stddev	.0009719	.000421	.0006002
%RSD	45.11264	8.524893	.5528129

#1	.0011088	-.005380	.1079672
#2	.0030303	-.004540	.1085964
#3	.0023241	-.004906	.1091672

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.162	3601.830	46721.88	7183.983	4051.662
Stddev	5.628	6.549	220.53	28.883	11.901
%RSD	.2762823	.1818240	.4719985	.4020442	.2937278

#1	2043.510	3606.359	46887.74	7196.840	4053.806
#2	2035.194	3604.809	46471.61	7150.904	4062.345
#3	2032.782	3594.321	46806.27	7204.204	4038.835

Sample Name: K5745-13 Acquired: 11/12/2019 15:18:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028022	-.000664	.0107160	.0039491	-.000873	.0020359	.1401691
Stddev	.0023183	.000150	.0014427	.0021921	.001055	.0061794	.0003832
%RSD	82.73361	22.52905	13.46254	55.50840	120.7489	303.5178	.2733491

#1	.0007242	-.000809	.0114443	.0064024	-.001048	.0066774	.1401697
#2	.0023795	-.000511	.0116494	.0021828	-.001830	.0044085	.1405520
#3	.0053027	-.000672	.0090544	.0032621	.000258	-.004978	.1397857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000918	.0001486	6.206049	.0001660	-.000398	.0084765	-.004010
Stddev	.0000595	.0000560	.037602	.0003838	.000189	.0013824	.000938
%RSD	64.88101	37.69615	.6058872	231.1984	47.51891	16.30811	23.39242

#1	.0001601	.0001757	6.222333	.0006072	-.000545	.0090183	-.004654
#2	.0000511	.0001858	6.232764	-.000092	-.000185	.0069053	-.004442
#3	.0000641	.0000841	6.163050	-.000017	-.000464	.0095058	-.002934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002747	1.632541	.0034603	.0007631	13.78554	.0020112	.0056982
Stddev	.0003506	.016140	.0000775	.0001397	.16170	.0012939	.0043068
%RSD	127.6280	.9886386	2.240827	18.30116	1.172949	64.33762	75.58219

#1	.0004081	1.648785	.0034517	.0008895	13.96751	.0009302	.0089992
#2	-.000123	1.616507	.0033875	.0007865	13.65836	.0034449	.0072689
#3	.000539	1.632331	.0035419	.0006132	13.73074	.0016584	.0008265

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.933104	.0424006	.0007448	-.000241	.5865205	24.29452	-.001801
Stddev	.070983	.0011772	.0004346	.000357	.0041625	.12088	.000463
%RSD	3.671985	2.776338	58.35084	147.9196	.7096921	.4975727	25.73874

#1	1.884354	.0423646	.0006750	.000168	.5817198	24.39327	-.001914
#2	2.014542	.0412418	.0012101	-.000407	.5891235	24.15971	-.001291
#3	1.900417	.0435953	.0003493	-.000486	.5887183	24.33058	-.002197

Sample Name: K5745-13 Acquired: 11/12/2019 15:18:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J23 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007952	-.004428	.1075595
Stddev	.0005198	.001283	.0002686
%RSD	65.36451	28.98163	.2497061

#1	.0006913	-.005026	.1074956
#2	.0013590	-.005303	.1078542
#3	.0003352	-.002955	.1073286

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.084	3611.378	47041.39	7154.873	4065.711
Stddev	15.230	2.200	239.23	21.487	2.712
%RSD	.7439930	.0609067	.5085542	.3003185	.0666971

#1	2051.247	3613.905	47297.96	7135.794	4066.045
#2	2059.800	3609.889	47001.74	7178.150	4062.848
#3	2030.206	3610.342	46824.46	7150.676	4068.241

Sample Name: CCV053 Acquired: 11/12/2019 15:26:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.900307	4.916025	25.75124	4.852101	4.768850	378.6470	9.456162
Stddev	.010934	.029610	.07368	.010497	.006691	3.2913	.034536
%RSD	.2231262	.6023084	.2861267	.2163325	.1402966	.8692257	.3652178

#1	4.888257	4.890498	25.68959	4.840822	4.762188	377.3086	9.420967
#2	4.903070	4.909091	25.73128	4.853898	4.775569	382.3966	9.489998
#3	4.909595	4.948486	25.83284	4.861583	4.768794	376.2358	9.457521

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4543286	2.484129	410.8935	15.07583	2.605095	14.06556	406.7809
Stddev	.0010663	.005355	.9612	.04810	.004993	.12677	1.5613
%RSD	.2347072	.2155638	.2339326	.3190403	.1916783	.9012584	.3838130

#1	.4552327	2.480440	409.7871	15.09171	2.600755	13.93538	405.0140
#2	.4546004	2.481676	411.5230	15.02179	2.603977	14.18862	407.3544
#3	.4531526	2.490271	411.3705	15.11397	2.610552	14.07268	407.9744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58088	392.8825	2.432273	1.320806	403.0038	2.288607	15.04615
Stddev	.02649	1.4132	.004888	.007835	1.7741	.011993	.22523
%RSD	.1817053	.3597119	.2009629	.5931978	.4402163	.5240292	1.496928

#1	14.55125	391.2693	2.429374	1.314090	401.0483	2.274787	14.79420
#2	14.58908	393.4758	2.429528	1.318915	404.5101	2.294740	15.11626
#3	14.60230	393.9024	2.437916	1.329414	403.4529	2.296292	15.22798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	138.5920	5.102030	4.949167	4.856612	5.078234	4.745128	4.720778
Stddev	1.0269	.030628	.007391	.005054	.009020	.002899	.007582
%RSD	.7409292	.6003162	.1493460	.1040693	.1776278	.0611046	.1606013

#1	137.5206	5.092251	4.941213	4.850789	5.069684	4.744155	4.725341
#2	139.5677	5.077484	4.950462	4.859855	5.077357	4.742840	4.712026
#3	138.6877	5.136353	4.955825	4.859193	5.087660	4.748389	4.724967

Sample Name: CCV053 Acquired: 11/12/2019 15:26:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.137309	5.088364	4.981728
Stddev	.024501	.007747	.027758
%RSD	.4769184	.1522567	.5571873

#1	5.160725	5.091863	4.975563
#2	5.139352	5.093744	4.957572
#3	5.111851	5.079484	5.012050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.547	3023.740	41909.37	6720.608	3122.575
Stddev	12.734	2.487	256.09	15.438	6.087
%RSD	.7532242	.0822501	.6110491	.2297057	.1949328

#1	1703.385	3023.572	41925.31	6703.098	3122.826
#2	1690.336	3026.306	42157.11	6732.257	3128.532
#3	1677.920	3021.341	41645.68	6726.469	3116.366

Sample Name: CCB053 Acquired: 11/12/2019 15:30:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000494	-.001479	.0022617	.0059107	-.001859	.0036532	-.001420
Stddev	.002776	.000089	.0006515	.0032280	.001268	.0135037	.000301
%RSD	562.1087	6.026376	28.80424	54.61368	68.19059	369.6372	21.20801

#1	.001178	-.001494	.0026361	.0093453	-.003204	.0051356	-.001486
#2	-.003698	-.001383	.0015094	.0029393	-.001688	.0163546	-.001683
#3	.001038	-.001560	.0026395	.0054473	-.000686	-.010530	-.001092

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000112	-.000037	.0194478	-.000067	.0000218	.0038822	.0142747
Stddev	.0000450	.000010	.0196584	.000329	.0001439	.0035605	.0061306
%RSD	403.1018	27.36609	101.0829	493.4264	659.0301	91.71293	42.94735

#1	.0000503	-.000036	.0401856	-.000406	-.000102	.0010559	.0139143
#2	-.000038	-.000028	.0170731	.000251	-.000013	.0078812	.0083322
#3	.000021	-.000048	.0010846	-.000045	.000180	.0027096	.0205775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007883	.0006444	.0005695	.0007036	-.343208	.0003325	-.000517
Stddev	.0004752	.0337452	.0001752	.0002558	.207160	.0008897	.001570
%RSD	60.28959	5237.087	30.76815	36.36077	60.35987	267.6054	303.9408

#1	.0011834	.0221524	.0004865	.0004083	-.157115	-.000024	.000247
#2	.0002609	.0180291	.0007708	.0008583	-.306092	.001345	.000526
#3	.0009205	-.038248	.0004512	.0008442	-.566417	-.000324	-.002322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.591219	-.002228	-.000552	.0002728	-.001931	-.012841	-.000458
Stddev	.037926	.001482	.000712	.0001391	.001911	.000513	.000705
%RSD	6.414847	66.52054	129.0995	50.96555	98.96974	3.993011	153.8751

#1	-.577562	-.000517	-.000493	.0003218	-.000307	-.013384	-.001092
#2	-.562013	-.003112	.000129	.0003809	-.004036	-.012774	-.000582
#3	-.634082	-.003056	-.001291	.0001159	-.001449	-.012365	.000300

Sample Name: CCB053 Acquired: 11/12/2019 15:30:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009720	-.007432	.0000280
Stddev	.0010997	.000440	.0000830
%RSD	113.1355	5.919012	296.2622

#1	-.000070	-.007076	.0000874
#2	.002122	-.007296	.0000634
#3	.000864	-.007924	-.000067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.713	3643.870	46950.94	7203.375	4076.353
Stddev	34.247	7.852	805.19	6.080	4.130
%RSD	1.670026	.2154761	1.714950	.0844033	.1013076

#1	2058.130	3652.193	47319.38	7210.272	4080.119
#2	2013.365	3642.821	46027.46	7198.789	4077.003
#3	2080.644	3636.595	47505.99	7201.065	4071.937

Sample Name: K5745-16 Acquired: 11/12/2019 15:38:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026244	-.000560	.0026045	.0027074	-.000553	.3127015	.0405223
Stddev	.0016423	.001253	.0012105	.0024926	.001206	.0052883	.0005943
%RSD	62.57651	223.7835	46.47762	92.06628	218.2502	1.691150	1.466636

#1	.0010179	-.000619	.0014550	.0053747	-.000684	.3111008	.0398483
#2	.0043002	-.001782	.0038680	.0023104	.000714	.3083986	.0407473
#3	.0025550	.000722	.0024905	.0004371	-.001687	.3186052	.0409713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001837	-.000029	2.087417	.0000270	.0023646	.0042330	1.575678
Stddev	.0000700	.000017	.010917	.0002700	.0001287	.0024392	.008786
%RSD	38.09647	58.76881	.5230046	1001.531	5.441177	57.62316	.5575861

#1	.0002619	-.000047	2.083793	.0001115	.0025131	.0026152	1.585215
#2	.0001271	-.000028	2.078773	-.000275	.0022939	.0070386	1.567914
#3	.0001621	-.000013	2.099686	.000245	.0022868	.0030453	1.573906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3112949	.8390825	.0018871	.0005376	3.147725	.0022434	.0172867
Stddev	.0015143	.0184767	.0001678	.0001882	.298562	.0038877	.0020176
%RSD	.4864422	2.202009	8.891948	35.01250	9.485016	173.2949	11.67149

#1	.3103360	.8396089	.0018703	.0003318	3.303724	.0039930	.0179684
#2	.3105080	.8572903	.0020627	.0005798	2.803479	.0049488	.0188751
#3	.3130406	.8203482	.0017284	.0007011	3.335973	-.002212	.0150165

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.143660	.0051343	.0076552	-.000276	.6503345	3.736455	-.001999
Stddev	.076427	.0015627	.0007364	.000201	.0043429	.041629	.001042
%RSD	53.20018	30.43600	9.619941	72.82530	.6677973	1.114143	52.15198

#1	-.076008	.0037373	.0082296	-.000441	.6533433	3.713750	-.000976
#2	-.226563	.0048437	.0068250	-.000335	.6523044	3.711114	-.001960
#3	-.128409	.0068219	.0079111	-.000052	.6453557	3.784500	-.003060

Sample Name: K5745-16 Acquired: 11/12/2019 15:38:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J29 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0083580	-.007896	.0123030
Stddev	.0011140	.000961	.0001190
%RSD	13.32910	12.17040	.9669674

#1	.0093184	-.006791	.0122785
#2	.0086189	-.008535	.0124323
#3	.0071366	-.008363	.0121982

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.188	3644.167	46967.05	7172.982	4072.135
Stddev	10.649	4.804	326.53	46.441	11.414
%RSD	.5194212	.1318301	.6952222	.6474389	.2802840

#1	2046.021	3645.671	46642.65	7194.316	4076.626
#2	2062.291	3648.040	47295.66	7204.922	4080.619
#3	2042.252	3638.791	46962.83	7119.708	4059.159

Sample Name: K5745-15 Acquired: 11/12/2019 15:34:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016713	.0010513	.0032293	.0020449	-.000480	.2690532	.0690158
Stddev	.0012686	.0018059	.0007141	.0012218	.000831	.0049420	.0004977
%RSD	75.90782	171.7751	22.11260	59.74955	173.3700	1.836798	.7211384

#1	.0024320	.0005330	.0034172	.0008226	-.001095	.2658727	.0684438
#2	.0023751	-.000439	.0038305	.0020457	-.000809	.2665402	.0692534
#3	.0002068	.003060	.0024400	.0032663	.000466	.2747466	.0693501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001800	.0000480	2.989178	-.000007	.0033348	.0052777	1.672076
Stddev	.0000290	.0000553	.026585	.000478	.0001343	.0026703	.005290
%RSD	16.12970	115.1957	.8893652	7060.099	4.026895	50.59613	.3164015

#1	.0001988	-.000009	2.958742	.000032	.0032148	.0081818	1.666564
#2	.0001947	.000101	3.007859	.000451	.0034799	.0047227	1.677113
#3	.0001466	.000052	3.000933	-.000503	.0033096	.0029285	1.672552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4418215	1.256814	.0018960	.0008829	5.159761	.0005812	.0183294
Stddev	.0041244	.034769	.0001005	.0001385	.029546	.0008257	.0027547
%RSD	.9334941	2.766475	5.302495	15.68682	.5726217	142.0497	15.02900

#1	.4371556	1.284396	.0018187	.0010407	5.127626	.0015237	.0213762
#2	.4449806	1.217757	.0018597	.0008264	5.165903	.0002343	.0175974
#3	.4433283	1.268289	.0020097	.0007815	5.185753	-.000014	.0160146

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2316067	.0036951	.0124007	-.000257	1.243935	4.011260	-.001963
Stddev	.0391456	.0003291	.0005585	.000392	.007825	.035588	.000484
%RSD	16.90175	8.905774	4.503978	152.5456	.6290718	.8872084	24.64692

#1	.1874524	.0036843	.0123556	-.000667	1.238589	3.980586	-.002065
#2	.2453068	.0040295	.0118661	-.000219	1.252917	4.002914	-.001437
#3	.2620610	.0033716	.0129804	.000115	1.240299	4.050279	-.002388

Sample Name: K5745-15 Acquired: 11/12/2019 15:34:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J27 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0074677	-.008428	.0178038
Stddev	.0007704	.000786	.0000521
%RSD	10.31667	9.328772	.2925779

#1	.0083449	-.008881	.0178240
#2	.0069010	-.008882	.0177446
#3	.0071572	-.007520	.0178428

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.337	3649.152	47192.44	7185.240	4099.819
Stddev	1.393	7.065	179.40	51.838	10.114
%RSD	.0676642	.1935971	.3801452	.7214536	.2466855

#1	2058.446	3657.282	47226.00	7243.650	4108.076
#2	2059.673	3645.667	46998.63	7167.364	4102.843
#3	2056.894	3644.507	47352.69	7144.705	4088.538

Sample Name: K5745-17 Acquired: 11/12/2019 15:42:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011067	.0001286	.0104411	.0033291	-.002577	-.006128	.0966293
Stddev	.0006646	.0003766	.0007280	.0012915	.001937	.007240	.0002727
%RSD	60.05677	292.8257	6.972334	38.79295	75.16659	118.1455	.2822592

#1	.0018687	-.000306	.0096005	.0039161	-.004595	-.004938	.0966506
#2	.0008048	.000334	.0108544	.0042228	-.000733	.000443	.0968909
#3	.0006466	.000358	.0108684	.0018484	-.002402	-.013889	.0963466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000570	.0000956	4.395307	.0002151	-.000470	.0134103	.0448976
Stddev	.0000461	.0000433	.017387	.0001599	.000097	.0034802	.0040502
%RSD	80.85279	45.29541	.3955839	74.32160	20.70427	25.95214	9.020983

#1	.0001074	.0001409	4.414143	.0000754	-.000419	.0093929	.0494809
#2	.0000170	.0000546	4.391907	.0003895	-.000409	.0155069	.0418000
#3	.0000466	.0000912	4.379871	.0001806	-.000582	.0153310	.0434121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017776	1.187107	.0024980	.0005460	10.84068	.0005094	.0438295
Stddev	.0002554	.026564	.0000653	.0002630	.07514	.0025453	.0026642
%RSD	14.36493	2.237703	2.613425	48.15464	.6931244	499.6620	6.078438

#1	.0017390	1.194666	.0024887	.0003222	10.78490	.0032378	.0462002
#2	.0015438	1.209073	.0025674	.0008356	10.92612	-.001801	.0443418
#3	.0020501	1.157583	.0024378	.0004803	10.81102	.000091	.0409464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.540150	.0483965	.0033652	-.000311	.4356412	22.78316	-.001024
Stddev	.095237	.0020562	.0003621	.000190	.0029834	.04345	.001049
%RSD	6.183605	4.248692	10.76113	60.89155	.6848216	.1907035	102.4118

#1	1.648794	.0504847	.0032936	-.000235	.4346571	22.80337	-.002211
#2	1.471088	.0463739	.0030443	-.000527	.4332742	22.81281	-.000220
#3	1.500566	.0483310	.0037578	-.000172	.4389923	22.73328	-.000642

Sample Name: K5745-17 Acquired: 11/12/2019 15:42:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J35 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006886	-.004465	.0772730
Stddev	.0002421	.000844	.0000973
%RSD	35.15820	18.90619	.1258671

#1	.0009219	-.003720	.0771760
#2	.0007053	-.005382	.0772725
#3	.0004386	-.004294	.0773705

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.328	3639.805	46780.11	7194.171	4089.768
Stddev	12.517	6.000	13.57	14.130	10.241
%RSD	.6143645	.1648331	.0290159	.1964127	.2503982

#1	2051.108	3640.758	46792.46	7191.061	4096.874
#2	2034.216	3645.271	46765.57	7181.854	4094.401
#3	2026.662	3633.385	46782.30	7209.597	4078.030

Sample Name: K5745-18 Acquired: 11/12/2019 15:46:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006283	.0010632	.0093049	.0034860	-.002185	.0037424	.0845139
Stddev	.0020213	.0011802	.0006396	.0006840	.001087	.0101519	.0004960
%RSD	321.6864	111.0090	6.874338	19.62140	49.75405	271.2707	.5868611

#1	-.001658	.0001141	.0086060	.0030152	-.001207	-.000604	.0842296
#2	.001366	.0023847	.0098612	.0031723	-.001993	-.003513	.0850866
#3	.002178	.0006907	.0094476	.0042706	-.003356	.015344	.0842255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001368	.0001159	3.676015	.0003812	-.000581	.0156065	-.010874
Stddev	.0000501	.0000273	.009785	.0001923	.000279	.0013515	.003609
%RSD	36.62064	23.52254	.2661816	50.45874	48.04796	8.659741	33.18579

#1	.0000881	.0001451	3.666166	.0002360	-.000304	.0153613	-.008838
#2	.0001882	.0001117	3.685734	.0005993	-.000862	.0143943	-.015041
#3	.0001341	.0000910	3.676143	.0003082	-.000576	.0170637	-.008744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005306	1.216306	.0022917	.0006619	8.263394	.0010694	.0176143
Stddev	.0001186	.017044	.0000303	.0003899	.215395	.0029883	.0039505
%RSD	22.36005	1.401308	1.323618	58.90958	2.606613	279.4336	22.42811

#1	.0004186	1.200155	.0023096	.0010266	8.381307	-.000581	.0210178
#2	.0005183	1.234122	.0022566	.0007083	8.014787	-.000730	.0185429
#3	.0006549	1.214641	.0023088	.0002509	8.394089	.004519	.0132821

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.773968	.0485568	.0023042	-.000251	.2544813	20.36481	-.001958
Stddev	.058989	.0005062	.0007563	.000261	.0028737	.18225	.000478
%RSD	3.325259	1.042398	32.82075	103.9409	1.129251	.8949455	24.43063

#1	1.727060	.0490516	.0015927	-.000221	.2562603	20.25321	-.001902
#2	1.754650	.0485786	.0022215	-.000526	.2511660	20.26610	-.001510
#3	1.840194	.0480400	.0030984	-.000006	.2560177	20.57513	-.002461

Sample Name: K5745-18 Acquired: 11/12/2019 15:46:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J37 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004386	-.004419	.0668603
Stddev	.0009480	.000184	.0000992
%RSD	216.1208	4.166665	.1484041

#1	.0007641	-.004286	.0667579
#2	-.000629	-.004342	.0669560
#3	.001181	-.004629	.0668671

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.487	3632.904	46518.09	7196.895	4089.875
Stddev	6.580	5.440	147.76	47.970	7.849
%RSD	.3226104	.1497421	.3176340	.6665334	.1919053

#1	2043.339	3637.902	46551.10	7229.827	4097.847
#2	2031.890	3633.702	46356.62	7219.001	4089.621
#3	2043.233	3627.110	46646.55	7141.858	4082.156

Sample Name: K5745-19 Acquired: 11/12/2019 15:50:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007261	-.000746	.0106956	.0037084	-.000594	.0038611	.0963679
Stddev	.0032335	.001080	.0009326	.0029035	.001443	.0043808	.0007427
%RSD	445.3228	144.7980	8.719497	78.29631	242.8028	113.4614	.7706777

#1	-.000866	-.001888	.0096691	.0050524	-.001598	.0056734	.0955168
#2	-.001403	.000259	.0114909	.0056964	-.001243	.0070449	.0968845
#3	.004447	-.000609	.0109266	.0003764	.001059	-.001135	.0967025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000483	.0000276	4.507572	.0003561	-.000046	.0053144	.0030400
Stddev	.0000252	.0001023	.007223	.0001925	.000333	.0009742	.0048594
%RSD	52.15076	371.0879	.1602424	54.07563	722.9022	18.33099	159.8457

#1	.0000774	-.000082	4.499308	.0001820	.000109	.0062179	.0045296
#2	.0000353	.000043	4.510732	.0005629	-.000428	.0042823	.0069803
#3	.0000323	.000121	4.512677	.0003233	.000181	.0054431	-.002390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009721	1.389530	.0022801	.0005965	8.531016	.0013348	.0264292
Stddev	.0003665	.039211	.0003014	.0003792	.135599	.0016877	.0031618
%RSD	37.70100	2.821869	13.21818	63.57249	1.589483	126.4340	11.96320

#1	.0012641	1.345550	.0024873	.0010334	8.596613	.0021892	.0233041
#2	.0010913	1.420836	.0019344	.0004031	8.621342	-.000609	.0263572
#3	.0005608	1.402204	.0024187	.0003529	8.375092	.002424	.0296264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.792310	.0707409	.0037949	-.000445	.4211648	21.18686	-.001794
Stddev	.017438	.0016397	.0012339	.000091	.0036543	.15533	.000634
%RSD	.9729157	2.317829	32.51574	20.49272	.8676618	.7331544	35.36366

#1	1.811449	.0714239	.0030575	-.000549	.4249925	21.00778	-.001830
#2	1.788155	.0719286	.0031077	-.000376	.4207891	21.26768	-.002409
#3	1.777325	.0688701	.0052194	-.000410	.4177129	21.28513	-.001142

Sample Name: K5745-19 Acquired: 11/12/2019 15:50:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J39 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003121	-.004780	.0794736
Stddev	.0018536	.000977	.0001396
%RSD	594.0054	20.44496	.1756349

#1	.0001377	-.005174	.0795679
#2	.0022467	-.003668	.0793132
#3	-.001448	-.005499	.0795395

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.743	3632.542	46535.51	7148.982	4089.347
Stddev	11.138	8.039	58.45	23.268	10.112
%RSD	.5517064	.2213074	.1255948	.3254794	.2472722

#1	2015.589	3640.821	46486.64	7175.060	4097.434
#2	2009.523	3632.039	46600.25	7141.544	4092.598
#3	2031.118	3624.767	46519.63	7130.342	4078.010

Sample Name: K5744-01 Acquired: 11/12/2019 15:55:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001304	-.000477	.0039350	.0020863	-.000461	.5274234	.0397360
Stddev	.003572	.002451	.0012051	.0024541	.001813	.0178585	.0003019
%RSD	273.8507	513.9122	30.62478	117.6304	393.3276	3.385993	.7598043

#1	-.004489	-.001834	.0044044	.0043609	.000124	.5463912	.0397285
#2	.002557	-.001949	.0025659	.0024126	.000988	.5249459	.0394379
#3	-.001981	.002352	.0048347	-.000515	-.002495	.5109329	.0400416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002217	.0000354	14.29271	.0004878	-.000013	.0100891	.6771771
Stddev	.0000096	.0000704	.04559	.0006097	.000190	.0011983	.0136469
%RSD	4.314626	198.7126	.3189515	124.9726	1517.850	11.87769	2.015266

#1	.0002324	.0001164	14.34420	.0005733	-.000112	.0099535	.6914981
#2	.0002187	.0000013	14.27645	.0010502	-.000132	.0089643	.6757103
#3	.0002140	-.000011	14.25748	-.000160	.000206	.0113495	.6643228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0715886	2.234498	.0015194	.0007241	1.246304	.0018201	.0166696
Stddev	.0003662	.034878	.0003308	.0001806	.105024	.0011598	.0024071
%RSD	.5114823	1.560882	21.77455	24.94221	8.426811	63.72180	14.44012

#1	.0720038	2.269949	.0015533	.0009178	1.310497	.0018883	.0148960
#2	.0713120	2.200223	.0018321	.0005603	1.125104	.0029443	.0157030
#3	.0714500	2.233323	.0011730	.0006941	1.303310	.0006277	.0194098

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.421739	.0196694	.0088947	-.000198	1.674056	3.876612	-.002467
Stddev	.104599	.0004185	.0003306	.000133	.015806	.004041	.001207
%RSD	24.80174	2.127592	3.716518	67.25598	.9441482	.1042338	48.91304

#1	-.517886	.0199087	.0085598	-.000184	1.657633	3.873165	-.003780
#2	-.310359	.0199134	.0089035	-.000072	1.675374	3.881059	-.001407
#3	-.436971	.0191862	.0092208	-.000338	1.689162	3.875611	-.002214

Sample Name: K5744-01 Acquired: 11/12/2019 15:55:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0129576	-.006350	.0369065
Stddev	.0007149	.000730	.0001396
%RSD	5.517217	11.49607	.3781831

#1	.0130782	-.005990	.0368048
#2	.0136044	-.005871	.0368491
#3	.0121900	-.007191	.0370656

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.203	3633.187	46563.06	7175.845	4062.427
Stddev	5.898	7.883	101.13	5.948	6.961
%RSD	.2905068	.2169588	.2171929	.0828848	.1713576

#1	2031.831	3634.865	46454.38	7181.337	4068.894
#2	2035.116	3640.095	46654.40	7176.670	4063.328
#3	2023.662	3624.600	46580.40	7169.528	4055.059

Sample Name: K5744-02 Acquired: 11/12/2019 15:59:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J00D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022414	-.000581	.0040365	.0035252	-.001799	.5350982	.0396310
Stddev	.0026572	.000446	.0010862	.0035629	.000715	.0086726	.0003023
%RSD	118.5509	76.75655	26.90873	101.0714	39.76588	1.620746	.7626576

#1	.0006900	-.001082	.0048839	.0044227	-.001595	.5252433	.0395033
#2	.0007245	-.000227	.0044136	.0065535	-.001207	.5415667	.0394137
#3	.0053095	-.000434	.0028121	-.000401	-.002594	.5384844	.0399762

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002078	.0000302	14.40920	.0000841	-.000137	.0089814	.6912404
Stddev	.0000386	.0000648	.03951	.0005846	.000302	.0031387	.0116303
%RSD	18.56218	214.5359	.2742266	694.9873	220.6366	34.94610	1.682530

#1	.0001656	-.000033	14.42774	.0007297	-.000478	.0086320	.7045665
#2	.0002165	.000026	14.36383	-.000410	.000100	.0060321	.6860180
#3	.0002413	.000097	14.43604	-.000068	-.000034	.0122802	.6831366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0716907	2.271508	.0017797	.0007369	1.240895	.0012360	.0143752
Stddev	.0004982	.018510	.0001232	.0006707	.239801	.0005057	.0051717
%RSD	.6949172	.8148607	6.921525	91.00941	19.32483	40.91452	35.97660

#1	.0720781	2.289309	.0018950	.0002341	1.094212	.0006729	.0172387
#2	.0711287	2.252363	.0016499	.0014984	1.517627	.0013837	.0084051
#3	.0718653	2.272852	.0017941	.0004782	1.110846	.0016515	.0174818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.429062	.0217980	.0074358	-.000375	1.672114	3.901234	-.002764
Stddev	.035845	.0008875	.0003478	.000150	.007651	.028374	.000507
%RSD	8.354210	4.071679	4.676871	40.10967	.4575925	.7273113	18.35932

#1	-.468131	.0219935	.0077457	-.000229	1.663690	3.917024	-.003128
#2	-.421362	.0225716	.0070597	-.000366	1.678633	3.868477	-.002979
#3	-.397693	.0208291	.0075022	-.000530	1.674018	3.918200	-.002184

Sample Name: K5744-02 Acquired: 11/12/2019 15:59:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J00D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0135384	-.007381	.0369648
Stddev	.0007253	.000590	.0001012
%RSD	5.357573	7.998354	.2738140

#1	.0143760	-.007369	.0368483
#2	.0131195	-.006797	.0370150
#3	.0131198	-.007977	.0370310

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2041.361	3635.966	46759.32	7181.113	4072.063
Stddev	4.565	2.927	194.75	24.291	2.177
%RSD	.2236136	.0805096	.4164991	.3382619	.0534506

#1	2038.692	3635.652	46980.26	7201.857	4072.444
#2	2046.632	3639.038	46685.11	7187.089	4069.721
#3	2038.760	3633.209	46612.58	7154.391	4074.024

Sample Name: K5744-03 Acquired: 11/12/2019 16:03:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J00S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0416038	.0553035	.0257926	.0169382	.1043687	2.343948	2.083939
Stddev	.0034242	.0005054	.0014251	.0030326	.0024837	.019633	.010103
%RSD	8.230557	.9139440	5.525321	17.90387	2.379730	.8375884	.4847885

#1	.0412326	.0557232	.0260961	.0189727	.1050582	2.342140	2.082715
#2	.0383803	.0554450	.0270416	.0134527	.1016131	2.364422	2.094598
#3	.0451985	.0547424	.0242402	.0183892	.1064348	2.325281	2.074504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533125	.0556128	14.14008	.2308564	.5583854	.2278839	1.804826
Stddev	.0004028	.0001690	.07740	.0011353	.0009122	.0028949	.008812
%RSD	.7555858	.3038866	.5473660	.4917705	.1633579	1.270352	.4882306

#1	.0536139	.0554528	14.13144	.2320865	.5573621	.2248954	1.797274
#2	.0534685	.0555962	14.22144	.2298489	.5586812	.2306752	1.802697
#3	.0528549	.0557895	14.06737	.2306338	.5591130	.2280811	1.814507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6187295	2.190476	.5331668	.0565553	1.240764	.5152237	.6454922
Stddev	.0024240	.027717	.0003746	.0002912	.171479	.0033746	.0020870
%RSD	.3917743	1.265329	.0702584	.5148594	13.82046	.6549723	.3233159

#1	.6185046	2.187635	.5330040	.0566719	1.364100	.5117321	.6442870
#2	.6212581	2.164290	.5329012	.0567701	1.313246	.5184676	.6479020
#3	.6164258	2.219504	.5335953	.0562239	1.044946	.5154716	.6442876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.324264	.0176834	.0089250	-.000567	1.660397	3.813467	-.002454
Stddev	.015327	.0015653	.0007562	.000240	.007282	.033328	.001012
%RSD	4.726636	8.852002	8.472774	42.30457	.4385476	.8739435	41.23807

#1	-.317800	.0159447	.0084173	-.000301	1.658365	3.822463	-.003617
#2	-.313229	.0181250	.0085635	-.000633	1.654346	3.841374	-.001960
#3	-.341764	.0189805	.0097941	-.000767	1.668478	3.776565	-.001784

Sample Name: K5744-03 Acquired: 11/12/2019 16:03:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J00S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0098343	-.007446	.0363498
Stddev	.0004454	.001174	.0001965
%RSD	4.528604	15.77162	.5406291

#1	.0099909	-.006309	.0365355
#2	.0101802	-.007376	.0361440
#3	.0093318	-.008654	.0363697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.702	3627.722	46544.57	7182.294	4054.196
Stddev	5.718	4.409	53.21	46.036	4.877
%RSD	.2828540	.1215268	.1143224	.6409611	.1202972

#1	2028.281	3628.273	46600.60	7172.990	4055.176
#2	2018.907	3631.829	46538.41	7141.622	4058.509
#3	2017.919	3623.064	46494.71	7232.272	4048.903

Sample Name: K5744-01LX5 Acquired: 11/12/2019 16:07:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J00L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000837	-.003397	.0013539	.0070765	.0001912	.1045566	.0063048
Stddev	.002521	.001602	.0010817	.0001921	.0010901	.0039363	.0003460
%RSD	301.1036	47.14236	79.89990	2.714178	570.0407	3.764771	5.487987

#1	-.003324	-.005176	.0014797	.0071477	.0003230	.1001497	.0064171
#2	.001716	-.002070	.0023671	.0072227	-.000959	.1077238	.0059166
#3	-.000903	-.002946	.0002147	.0068589	.001209	.1057964	.0065808

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000092	-.000068	2.881320	-.000454	-.000049	.0070462	.1313243
Stddev	.0000245	.000044	.011820	.000470	.000276	.0012551	.0059723
%RSD	266.9934	63.74153	.4102383	103.4360	560.1233	17.81233	4.547782

#1	.0000194	-.000030	2.869191	-.000997	.000130	.0062209	.1330372
#2	.0000269	-.000116	2.892805	-.000182	.000089	.0064271	.1362531
#3	-.000019	-.000059	2.881962	-.000184	-.000367	.0084905	.1246827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147423	.4372320	.0007221	.0008878	-.099889	-.000690	.0127143
Stddev	.0005420	.0046077	.0001037	.0000708	.065206	.003949	.0042232
%RSD	3.676270	1.053836	14.36567	7.977333	65.27769	572.3357	33.21600

#1	.0142167	.4362532	.0006068	.0008179	-.164530	.001805	.0160514
#2	.0152993	.4331923	.0008078	.0009595	-.101006	.001368	.0141250
#3	.0147109	.4422504	.0007519	.0008859	-.034133	-.005243	.0079663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.458459	.0030038	-.006029	-.000174	.3182773	.7394776	-.001540
Stddev	.039043	.0007334	.000341	.000165	.0005002	.0055970	.000805
%RSD	8.516248	24.41528	5.649989	95.28719	.1571602	.7568820	52.31918

#1	-.419246	.0028987	-.005646	-.000025	.3188545	.7453902	-.000858
#2	-.497330	.0023286	-.006298	-.000352	.3180074	.7342615	-.002428
#3	-.458801	.0037841	-.006142	-.000144	.3179701	.7387812	-.001332

Sample Name: K5744-01LX5 Acquired: 11/12/2019 16:07:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J00L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031549	-.004545	.0073222
Stddev	.0004354	.001640	.0000727
%RSD	13.80069	36.07553	.9923442

#1	.0027919	-.005698	.0073717
#2	.0036376	-.005268	.0073563
#3	.0030352	-.002668	.0072388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.947	3591.763	46387.48	7139.866	4008.827
Stddev	16.927	2.533	124.46	45.076	9.194
%RSD	.8446765	.0705310	.2683124	.6313331	.2293561

#1	2023.460	3588.958	46525.14	7097.333	4002.256
#2	1993.223	3592.448	46282.89	7187.115	4019.334
#3	1995.157	3593.884	46354.40	7135.148	4004.889

Sample Name: K5744-04 Acquired: 11/12/2019 16:11:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001653	.0001001	.0043782	.0037693	-.001658	.4632558	.0379850
Stddev	.0037814	.0002766	.0002355	.0039973	.001073	.0035732	.0003848
%RSD	2287.174	276.3329	5.379072	106.0505	64.73947	.7713168	1.013051

#1	.0035725	-.000215	.0045616	-.000205	-.002850	.4595395	.0381000
#2	-.003903	.000304	.0044603	.003723	-.000768	.4635619	.0375559
#3	.000827	.000211	.0041126	.007789	-.001356	.4666661	.0382993

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001945	-.000040	14.13540	.0003396	-.000047	.0077814	.6336704
Stddev	.0000478	.000060	.06359	.0001734	.000090	.0018145	.0161487
%RSD	24.58481	148.4916	.4498454	51.04072	190.8481	23.31786	2.548442

#1	.0001395	-.000107	14.07849	.0005134	.000013	.0062887	.6183824
#2	.0002256	-.000023	14.12368	.0003388	-.000151	.0072546	.6320683
#3	.0002186	.000009	14.20404	.0001667	-.000004	.0098010	.6505604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670530	2.196490	.0018612	.0006844	1.248414	.0004656	.0136160
Stddev	.0003801	.024899	.0002088	.0002868	.124084	.0004801	.0019425
%RSD	.5667838	1.133603	11.21990	41.90942	9.939338	103.1127	14.26615

#1	.0666397	2.180800	.0019777	.0005505	1.385931	-.000043	.0144785
#2	.0673873	2.225200	.0016201	.0004890	1.144818	.000528	.0113917
#3	.0671321	2.183470	.0019858	.0010137	1.214493	.000911	.0149779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.367298	.0192025	.0075911	-.000435	1.650438	3.772425	-.002543
Stddev	.096894	.0013627	.0009566	.000181	.010784	.016950	.001122
%RSD	26.38012	7.096340	12.60115	41.61898	.6533728	.4493162	44.12018

#1	-.456673	.0207367	.0074749	-.000393	1.640829	3.764219	-.001713
#2	-.264323	.0187380	.0086005	-.000633	1.648385	3.761140	-.002097
#3	-.380898	.0181328	.0066980	-.000278	1.662100	3.791917	-.003820

Sample Name: K5744-04 Acquired: 11/12/2019 16:11:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J02 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0107966	-.009263	.0365120
Stddev	.0013213	.000181	.0001027
%RSD	12.23796	1.958858	.2811820

#1	.0114497	-.009299	.0364587
#2	.0116642	-.009423	.0364471
#3	.0092760	-.009066	.0366304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.890	3643.953	46557.84	7189.240	4078.747
Stddev	5.045	3.715	89.78	20.288	1.487
%RSD	.2476782	.1019409	.1928272	.2822048	.0364561

#1	2033.496	3645.261	46493.19	7200.175	4078.290
#2	2034.487	3646.837	46660.34	7201.715	4080.409
#3	2042.688	3639.761	46519.99	7165.830	4077.543

Sample Name: K5744-06 Acquired: 11/12/2019 16:19:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020298	-.001064	.0051325	.0047095	-.000730	.4807044	.1130933
Stddev	.0033200	.000177	.0013604	.0014405	.000444	.0061669	.0005037
%RSD	163.5625	16.59286	26.50639	30.58687	60.88870	1.282897	.4453801

#1	-.001778	-.001194	.0067033	.0032443	-.001193	.4806341	.1131331
#2	.003546	-.001135	.0043639	.0047603	-.000307	.4745729	.1125709
#3	.004321	-.000863	.0043304	.0061239	-.000690	.4869061	.1135759

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005257	.0001607	4.520750	.0000098	.0075116	.0063044	2.064086
Stddev	.0000815	.0000163	.013709	.0004169	.0004126	.0027662	.009725
%RSD	15.50966	10.12340	.3032529	4258.029	5.492408	43.87713	.4711616

#1	.0005181	.0001795	4.507602	-.000022	.0072658	.0075151	2.060998
#2	.0004481	.0001506	4.519689	-.000390	.0072810	.0082589	2.074980
#3	.0006107	.0001522	4.534959	.000442	.0079879	.0031393	2.056280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6996739	1.589467	.0032412	.0006397	7.968726	.0017442	.0398137
Stddev	.0038795	.027161	.0003329	.0002111	.291768	.0017633	.0020403
%RSD	.5544756	1.708831	10.27215	33.00442	3.661419	101.0898	5.124596

#1	.6989301	1.606471	.0035741	.0004233	8.272679	-.000029	.0394659
#2	.6962201	1.558142	.0029082	.0006506	7.690899	.001764	.0379697
#3	.7038714	1.603788	.0032413	.0008452	7.942602	.003498	.0420056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.282880	.0100858	.0053359	-.000173	.8944102	5.843208	-.002013
Stddev	.076860	.0011135	.0004866	.000305	.0051370	.019690	.000289
%RSD	27.17046	11.04017	9.119422	176.9516	.5743419	.3369661	14.35643

#1	-.294687	.0089068	.0058374	-.000525	.8968842	5.832922	-.002032
#2	-.200799	.0102313	.0048657	.000017	.8885043	5.865910	-.001716
#3	-.353152	.0111194	.0053045	-.000010	.8978420	5.830791	-.002293

Sample Name: K5744-06 Acquired: 11/12/2019 16:19:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J06 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0080505	-.007686	.0278809
Stddev	.0009464	.000371	.0000862
%RSD	11.75536	4.820409	.3091425

#1	.0079377	-.007288	.0278247
#2	.0071657	-.007751	.0278379
#3	.0090483	-.008021	.0279801

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.541	3639.285	46786.36	7183.727	4067.699
Stddev	25.703	7.563	420.96	21.439	7.001
%RSD	1.257745	.2078082	.8997446	.2984422	.1721060

#1	2068.393	3647.607	46935.62	7205.873	4067.718
#2	2045.165	3637.415	47112.35	7163.072	4074.690
#3	2017.065	3632.832	46311.11	7182.237	4060.689

Sample Name: K5744-05 Acquired: 11/12/2019 16:15:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030197	.0008810	.0111833	.0000927	-.000060	.6933328	.0732884
Stddev	.0013754	.0014589	.0004669	.0011330	.000802	.0061671	.0003133
%RSD	45.54610	165.5906	4.175113	1221.781	1325.574	.8894821	.4274372

#1	.0017223	.0018966	.0114746	.0012111	.000605	.6878459	.0730617
#2	.0028754	-.000791	.0114305	.0001216	-.000951	.6921453	.0736458
#3	.0044616	.001537	.0106448	-.001054	.000164	.7000073	.0731576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001813	.0003612	16.60148	.0010221	.0019920	.0134644	2.612175
Stddev	.0000762	.0000584	.06997	.0002942	.0001794	.0007612	.011132
%RSD	42.03942	16.17837	.4214821	28.78370	9.006782	5.653803	.4261692

#1	.0001452	.0003662	16.67731	.0012207	.0021257	.0125857	2.625021
#2	.0002689	.0003004	16.53941	.0011615	.0017881	.0138828	2.605356
#3	.0001298	.0004169	16.58770	.0006841	.0020621	.0139246	2.606148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3934361	2.233098	.0030237	.0007643	4.014866	.0033280	.0748247
Stddev	.0001294	.044874	.0000620	.0001753	.119985	.0024180	.0012155
%RSD	.0328929	2.009473	2.049623	22.93386	2.988522	72.65617	1.624501

#1	.3933981	2.281868	.0030221	.0006567	3.881136	.0054692	.0753471
#2	.3935803	2.223871	.0030864	.0006697	4.113095	.0038092	.0756916
#3	.3933300	2.193555	.0029624	.0009666	4.050366	.0007056	.0734352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066585	.0250868	.0171037	-.000062	5.255283	4.940316	-.002082
Stddev	.091705	.0022977	.0009855	.000084	.007599	.019080	.000569
%RSD	137.7265	9.158910	5.762202	135.7238	.1445920	.3862002	27.34990

#1	-.168515	.0275098	.0174835	-.000037	5.262593	4.919195	-.001912
#2	-.040471	.0248111	.0178428	.000007	5.255831	4.956305	-.001616
#3	.009231	.0229394	.0159847	-.000155	5.247425	4.945447	-.002716

Sample Name: K5744-05 Acquired: 11/12/2019 16:15:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0064880	-.007727	.0554677
Stddev	.0005292	.001881	.0001903
%RSD	8.155704	24.33764	.3431035

#1	.0068779	-.006009	.0553123
#2	.0058857	-.007435	.0556799
#3	.0067005	-.009736	.0554108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.013	3636.351	46507.95	7172.944	4055.609
Stddev	12.124	6.622	98.43	24.997	3.068
%RSD	.5963376	.1821122	.2116310	.3484894	.0756604

#1	2035.152	3641.798	46459.47	7199.749	4052.236
#2	2019.962	3628.980	46621.21	7150.270	4058.236
#3	2043.925	3638.275	46443.17	7168.813	4056.356

Sample Name: K5744-07 Acquired: 11/12/2019 16:23:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031233	-.000533	.0056478	.0022800	-.000993	.4227943	.0730495
Stddev	.0002662	.000565	.0013077	.0018200	.001641	.0112452	.0009238
%RSD	8.523811	105.9295	23.15443	79.82162	165.2751	2.659732	1.264577

#1	.0028942	-.000755	.0041463	.0031745	.000038	.4286759	.0719882
#2	.0030604	-.000954	.0062600	.0001859	-.000131	.4298790	.0734877
#3	.0034154	.000109	.0065371	.0034796	-.002886	.4098281	.0736726

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001863	.0001275	22.38159	.0005641	-.000014	.0117934	1.694415
Stddev	.0000634	.0001073	.11393	.0001105	.000231	.0046715	.023919
%RSD	34.01985	84.20809	.5090450	19.59402	1701.034	39.61133	1.411621

#1	.0002526	.0000177	22.25610	.0006834	.000117	.0080421	1.667187
#2	.0001797	.0001324	22.47855	.0005438	-.000281	.0103121	1.704020
#3	.0001264	.0002322	22.41010	.0004652	.000123	.0170260	1.712038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0980988	2.832283	.0033971	.0007962	5.420358	.0017869	.0714795
Stddev	.0011408	.018869	.0004241	.0001660	.228443	.0011827	.0002376
%RSD	1.162877	.6662260	12.48497	20.85327	4.214542	66.18707	.3323885

#1	.0968894	2.816333	.0033949	.0006056	5.495465	.0015360	.0712261
#2	.0991555	2.853113	.0029741	.0009089	5.163817	.0007498	.0716972
#3	.0982517	2.827404	.0038224	.0008742	5.601792	.0030749	.0715153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1669572	.0100644	.0312656	-.000406	8.237396	5.183661	-.002635
Stddev	.0485844	.0010952	.0004925	.000238	.017611	.033913	.001283
%RSD	29.09991	10.88203	1.575291	58.52796	.2137920	.6542363	48.69420

#1	.1418777	.0113230	.0307405	-.000648	8.217371	5.166146	-.003498
#2	.2229562	.0095419	.0317173	-.000396	8.250473	5.162086	-.001161
#3	.1360378	.0093282	.0313390	-.000174	8.244345	5.222750	-.003246

Sample Name: K5744-07 Acquired: 11/12/2019 16:23:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J08 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0050755	-.008075	.0736654
Stddev	.0011437	.001280	.0000489
%RSD	22.53443	15.85627	.0663878

#1	.0055923	-.006599	.0736289
#2	.0037645	-.008748	.0736465
#3	.0058695	-.008879	.0737210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.813	3610.562	46265.89	7139.707	4044.668
Stddev	24.514	2.543	468.57	14.512	1.683
%RSD	1.219725	.0704321	1.012781	.2032541	.0416112

#1	1988.683	3613.335	45911.91	7146.642	4044.047
#2	2036.690	3608.339	46797.26	7149.450	4046.574
#3	2004.066	3610.012	46088.51	7123.029	4043.384

Sample Name: K5744-08 Acquired: 11/12/2019 16:27:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001936	-.000806	.0016449	.0042573	-.001654	.5124391	.0080597
Stddev	.002652	.000721	.0005720	.0006600	.000174	.0058275	.0002254
%RSD	136.9652	89.46219	34.77385	15.50239	10.50800	1.137206	2.796052

#1	-.002866	-.000146	.0014589	.0036379	-.001692	.5090908	.0081894
#2	-.003999	-.000697	.0011890	.0041827	-.001464	.5090583	.0077995
#3	.001055	-.001575	.0022867	.0049515	-.001806	.5191680	.0081903

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001009	-.000087	.5295039	-.000356	.0001040	.0048048	.4710528
Stddev	.0000443	.000016	.0101643	.000353	.0000621	.0016104	.0116239
%RSD	43.92178	18.41807	1.919586	99.21618	59.65830	33.51551	2.467644

#1	.0001490	-.000106	.5304418	-.000538	.0000352	.0035140	.4677181
#2	.0000618	-.000076	.5189032	-.000581	.0001211	.0066094	.4614608
#3	.0000917	-.000080	.5391668	.000051	.0001558	.0042910	.4839796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140676	.2950429	.0011338	.0008611	.7464577	.0022343	.0106247
Stddev	.0000683	.0051667	.0003004	.0000936	.2825759	.0030456	.0007606
%RSD	.4852099	1.751183	26.49288	10.87266	37.85559	136.3080	7.159217

#1	.0141348	.3007594	.0009077	.0009666	.9270772	.0057494	.0099799
#2	.0140698	.2907061	.0010191	.0008289	.8914808	.0003849	.0104305
#3	.0139983	.2936631	.0014747	.0007878	.4208149	.0005686	.0114636

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2992038	.0128594	-.000818	-.000307	.4617450	.8781271	-.001483
Stddev	.1054430	.0013243	.000219	.000074	.0063742	.0082720	.000381
%RSD	35.24120	10.29838	26.71292	24.15575	1.380463	.9420085	25.68991

#1	.2706851	.0135669	-.000699	-.000391	.4545127	.8824258	-.001745
#2	.4159729	.0136796	-.000685	-.000251	.4641775	.8833649	-.001046
#3	.2109534	.0113316	-.001070	-.000279	.4665449	.8685908	-.001658

Sample Name: K5744-08 Acquired: 11/12/2019 16:27:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J10 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0112005	-.007086	.0032576
Stddev	.0005072	.001193	.0001097
%RSD	4.527948	16.83047	3.367298

#1	.0115486	-.007642	.0031375
#2	.0106187	-.007900	.0033526
#3	.0114344	-.005717	.0032827

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.888	3623.509	46209.40	7115.228	4036.703
Stddev	16.606	13.940	321.22	24.393	13.878
%RSD	.8237769	.3847034	.6951338	.3428219	.3437836

#1	2034.312	3639.538	46567.83	7101.327	4052.636
#2	2011.278	3616.768	46112.78	7100.964	4027.260
#3	2002.073	3614.221	45947.58	7143.393	4030.213

Sample Name: K5744-10 Acquired: 11/12/2019 16:35:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007257	.0001106	.0028341	.0052335	-.002391	.2405696	.0305011
Stddev	.0010414	.0001139	.0008127	.0010410	.000509	.0084896	.0004595
%RSD	143.5003	102.9520	28.67636	19.89091	21.29444	3.528963	1.506543

#1	.0013426	-.000020	.0037513	.0043429	-.002639	.2395280	.0308402
#2	.0013113	.000164	.0022038	.0049796	-.001805	.2326489	.0306851
#3	-.000477	.000188	.0025471	.0063779	-.002728	.2495320	.0299781

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001844	-.000003	2.092771	.0001532	.0003981	.0056193	1.614287
Stddev	.0000557	.000057	.028215	.0001930	.0000411	.0026945	.007680
%RSD	30.19948	1735.525	1.348197	125.9562	10.31544	47.95087	.4757615

#1	.0001205	-.000041	2.124049	.0002775	.0004317	.0048327	1.620836
#2	.0002230	-.000031	2.085030	.0002512	.0003523	.0034056	1.616190
#3	.0002095	.000063	2.069235	-.000069	.0004103	.0086195	1.605834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1006718	.8178502	.0013110	.0006290	2.399208	-.000174	.0139504
Stddev	.0005058	.0094222	.0001049	.0003431	.227401	.001584	.0021831
%RSD	.5024448	1.152074	8.002308	54.54164	9.478159	908.2074	15.64928

#1	.1012557	.8116575	.0013117	.0010199	2.161313	-.002003	.0134223
#2	.1003905	.8286935	.0012057	.0003776	2.421898	.000715	.0163491
#3	.1003692	.8131994	.0014155	.0004896	2.614414	.000765	.0120797

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.170815	.0071287	.0029914	-.000582	.5356985	3.203947	-.001320
Stddev	.050565	.0007195	.0005201	.000222	.0020717	.010735	.000348
%RSD	29.60238	10.09335	17.38633	38.20282	.3867354	.3350480	26.39026

#1	-.142570	.0079298	.0025927	-.000837	.5353644	3.191909	-.001092
#2	-.229192	.0065375	.0035797	-.000425	.5379169	3.207405	-.001721
#3	-.140682	.0069187	.0028018	-.000485	.5338140	3.212527	-.001147

Sample Name: K5744-10 Acquired: 11/12/2019 16:35:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J30 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0056068	-.007781	.0118299
Stddev	.0007141	.000670	.0000725
%RSD	12.73614	8.607995	.6128459

#1	.0052641	-.007188	.0119039
#2	.0064276	-.008507	.0117591
#3	.0051287	-.007646	.0118267

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.473	3634.457	46346.13	7174.183	4048.308
Stddev	5.910	5.797	83.19	17.942	9.368
%RSD	.2922202	.1595035	.1794949	.2500963	.2314066

#1	2027.171	3641.081	46411.52	7176.402	4058.626
#2	2024.411	3630.313	46252.50	7155.234	4040.335
#3	2015.837	3631.976	46374.38	7190.912	4045.964

Sample Name: K5744-09 Acquired: 11/12/2019 16:31:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000822	-.000220	.0001798	.0015130	-.001882	-.003805	-.002175
Stddev	.002062	.001913	.0017606	.0013573	.000882	.005368	.000365
%RSD	251.0253	871.4057	978.9468	89.71036	46.85126	141.0639	16.76169

#1	-.002855	.001205	.0005004	.0005788	-.001422	-.003851	-.002415
#2	-.000879	.000530	-.001719	.0030699	-.001325	-.009151	-.002355
#3	.001269	-.002394	.001758	.0008903	-.002898	.001585	-.001756

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000632	-.000018	.0203855	-.000296	-.000026	.0057141	-.006150
Stddev	.0000573	.000056	.0055252	.000390	.000294	.0030305	.001397
%RSD	90.67931	308.4030	27.10356	131.7816	1134.258	53.03654	22.71746

#1	.0000935	-.000032	.0234785	-.000440	.000266	.0064711	-.005597
#2	-.000003	-.000065	.0140065	.000145	-.000021	.0082943	-.005113
#3	.000099	.000043	.0236714	-.000593	-.000322	.0023768	-.007739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003445	-.018742	.0008416	.0010383	-.584381	-.000288	.0050453
Stddev	.0001473	.019400	.0003363	.0002242	.192052	.001310	.0013089
%RSD	42.75329	103.5100	39.95924	21.59446	32.86414	454.3211	25.94189

#1	.0002798	-.022834	.0010973	.0008359	-.413158	.001207	.0043685
#2	.0002406	-.035769	.0004606	.0012793	-.547944	-.001234	.0042134
#3	.0005130	.002378	.0009669	.0009997	-.792042	-.000838	.0065540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.648748	.0032049	-.011742	-.000360	.0005189	-.008204	-.001674
Stddev	.048817	.0014795	.000173	.000153	.0023324	.000610	.000276
%RSD	7.524775	46.16438	1.472180	42.62373	449.5066	7.431611	16.49006

#1	-.609839	.0031801	-.011929	-.000223	-.000919	-.007507	-.001766
#2	-.632880	.0046966	-.011711	-.000331	.003210	-.008636	-.001892
#3	-.703524	.0017379	-.011587	-.000526	-.000734	-.008471	-.001364

Sample Name: K5744-09 Acquired: 11/12/2019 16:31:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J20 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003880	-.008658	-.000026
Stddev	.0008322	.001371	.000044
%RSD	214.4694	15.83433	170.7771

#1	.0009227	-.010202	-.000021
#2	-.000571	-.008190	-.000072
#3	.000812	-.007583	.000016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.225	3622.126	46455.89	7114.427	4022.085
Stddev	15.442	15.873	422.20	27.948	8.763
%RSD	.7598446	.4382325	.9088086	.3928327	.2178742

#1	2038.218	3629.506	46820.41	7082.646	4019.217
#2	2014.685	3632.966	45993.29	7125.464	4031.922
#3	2043.771	3603.906	46553.97	7135.172	4015.115

Sample Name: K5744-11 Acquired: 11/12/2019 16:40:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002391	-.000037	.0019722	.0026668	-.001696	.5187712	.0078831
Stddev	.002411	.001395	.0006276	.0018077	.000661	.0076191	.0007485
%RSD	100.8530	3784.927	31.81987	67.78284	38.99756	1.468680	9.494969

#1	-.001048	-.000022	.0013637	.0020500	-.001078	.5172335	.0086852
#2	-.005174	.001350	.0026172	.0012484	-.002393	.5120382	.0072033
#3	-.000950	-.001439	.0019358	.0047022	-.001615	.5270418	.0077609

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000829	-.000024	.5312607	-.000100	.0000421	.0051066	.4433767
Stddev	.0000345	.000050	.0123915	.000563	.0001753	.0024915	.0116251
%RSD	41.62240	210.7864	2.332481	566.1009	416.5818	48.78980	2.621935

#1	.0000549	.000034	.5178743	.000402	-.000160	.0060807	.4550199
#2	.0001215	-.000049	.5423303	-.000709	.000136	.0022752	.4317698
#3	.0000725	-.000057	.5335776	.000009	.000151	.0069638	.4433406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141977	.2838733	.0008461	.0007511	.4848946	.0002311	.0134990
Stddev	.0004074	.0155727	.0002968	.0002385	.1361372	.0004850	.0013411
%RSD	2.869726	5.485809	35.07559	31.75092	28.07564	209.8500	9.935018

#1	.0143668	.2659166	.0005067	.0004762	.3299499	.0001751	.0123137
#2	.0137330	.2936758	.0009748	.0009022	.5394005	.0007417	.0132286
#3	.0144934	.2920274	.0010568	.0008749	.5853333	-.000223	.0149547

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2608510	.0108951	-.001091	-.000696	.4603124	.8932165	-.001934
Stddev	.0685624	.0014664	.000555	.000115	.0009263	.0035336	.000618
%RSD	26.28411	13.45900	50.86461	16.50618	.2012320	.3956007	31.94713

#1	.2668798	.0094266	-.001731	-.000780	.4613660	.8962359	-.002552
#2	.1894734	.0123593	-.000745	-.000565	.4596259	.8893302	-.001933
#3	.3262000	.0108995	-.000798	-.000744	.4599454	.8940836	-.001317

Sample Name: K5744-11 Acquired: 11/12/2019 16:40:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J14 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0107454	-.009397	.0031921
Stddev	.0015837	.000829	.0000431
%RSD	14.73875	8.827021	1.350762

#1	.0125541	-.009026	.0031723
#2	.0100748	-.008817	.0031625
#3	.0096073	-.010347	.0032416

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.713	3624.894	46338.55	7148.841	4039.527
Stddev	10.862	4.548	194.04	15.976	4.477
%RSD	.5388716	.1254723	.4187519	.2234828	.1108179

#1	2003.323	3627.413	46161.85	7146.888	4044.584
#2	2023.597	3627.626	46546.22	7165.704	4037.925
#3	2020.218	3619.644	46307.58	7133.931	4036.072

Sample Name: K5744-12 Acquired: 11/12/2019 16:44:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001130	-.000104	.0003268	.0038510	-.001499	.4799449	.0081993
Stddev	.002244	.000459	.0026837	.0041864	.000768	.0174169	.0003587
%RSD	198.6179	441.7941	821.1904	108.7068	51.23539	3.628935	4.375132

#1	.001433	.000414	.0020516	.0085366	-.000780	.4598728	.0084053
#2	-.002078	-.000264	.0016940	.0004789	-.002308	.4910676	.0077851
#3	-.002744	-.000461	-.002765	.0025376	-.001409	.4888944	.0084075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001212	-.000047	.5271800	-.000351	.0000763	.0058667	.4411320
Stddev	.0000185	.000059	.0080979	.000371	.0002043	.0028645	.0060826
%RSD	15.27164	125.2318	1.536071	105.7117	267.6555	48.82589	1.378872

#1	.0001121	.000019	.5309066	-.000121	-.000117	.0057011	.4473867
#2	.0001090	-.000067	.5327436	-.000779	.000290	.0088104	.4407719
#3	.0001425	-.000094	.5178897	-.000153	.000057	.0030886	.4352374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132880	.2995198	.0009899	.0008960	.4813406	.0021160	.0077769
Stddev	.0004581	.0118385	.0001058	.0002192	.3043567	.0009705	.0013825
%RSD	3.447411	3.952490	10.68264	24.46136	63.23106	45.86618	17.77638

#1	.0132769	.2885046	.0008969	.0008529	.5703503	.0019461	.0061807
#2	.0137515	.3120381	.0009679	.0011336	.7312690	.0031603	.0085599
#3	.0128355	.2980167	.0011049	.0007016	.1424024	.0012417	.0085902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3734165	.0122358	-.001446	-.000308	.4670950	.8466819	-.001770
Stddev	.0931256	.0016140	.000749	.000198	.0107370	.0104472	.000619
%RSD	24.93879	13.19120	51.74879	64.32663	2.298668	1.233898	34.96892

#1	.2659484	.0105722	-.000696	-.000329	.4599095	.8487602	-.001861
#2	.4239390	.0123401	-.002193	-.000495	.4619379	.8559336	-.001111
#3	.4303622	.0137952	-.001451	-.000100	.4794375	.8353517	-.002339

Sample Name: K5744-12 Acquired: 11/12/2019 16:44:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J16 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0091269	-.006630	.0033372
Stddev	.0003021	.002084	.0000276
%RSD	3.310028	31.43267	.8273334

#1	.0090489	-.005933	.0033085
#2	.0088715	-.004984	.0033395
#3	.0094604	-.008973	.0033635

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.091	3623.378	46244.71	7105.347	4039.205
Stddev	12.596	7.411	131.93	41.228	5.881
%RSD	.6238641	.2045245	.2852792	.5802340	.1456085

#1	2004.740	3624.103	46386.86	7144.786	4043.714
#2	2024.216	3630.399	46126.20	7062.537	4041.348
#3	2028.316	3615.631	46221.07	7108.717	4032.552

Sample Name: K5744-14 Acquired: 11/12/2019 16:52:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026387	-.000499	.0107995	.0063117	-.001248	.0025671	.1413306
Stddev	.0006228	.000211	.0005670	.0010551	.002220	.0028755	.0009623
%RSD	23.60215	42.17023	5.250049	16.71687	177.8992	112.0137	.6808662

#1	.0032853	-.000262	.0114457	.0050963	.000493	-.000162	.1420346
#2	.0020428	-.000665	.0103852	.0069924	-.000489	.002293	.1402341
#3	.0025880	-.000571	.0105677	.0068464	-.003748	.005570	.1417230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000927	.0001510	6.344067	.0004073	-.000523	.0093907	.0007081
Stddev	.0000305	.0000729	.039545	.0004102	.000309	.0030519	.0070533
%RSD	32.89949	48.24471	.6233399	100.7240	59.01816	32.49937	996.1365

#1	.0000580	.0001985	6.376344	.0005179	-.000225	.0108568	.0018998
#2	.0001152	.0000671	6.299956	-.000047	-.000503	.0114329	-.006865
#3	.0001050	.0001874	6.355900	.000751	-.000842	.0058824	.007090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003958	1.675619	.0036516	.0005238	14.00149	.0045004	.0064299
Stddev	.0001079	.020180	.0001492	.0001637	.19725	.0017784	.0046753
%RSD	27.25998	1.204315	4.086395	31.24780	1.408759	39.51698	72.71201

#1	.0004960	1.684677	.0037921	.0007085	14.20719	.0032468	.0087302
#2	.0004098	1.652497	.0036677	.0004664	13.98332	.0065359	.0010501
#3	.0002816	1.689682	.0034950	.0003966	13.81395	.0037187	.0095094

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.957410	.0468846	.0018000	-.000276	.5891778	24.82514	-.001571
Stddev	.022154	.0027355	.0002418	.000137	.0022347	.18629	.000923
%RSD	1.131813	5.834654	13.43434	49.56796	.3792955	.7504273	58.78300

#1	1.979547	.0488647	.0020473	-.000408	.5898934	24.66365	-.002603
#2	1.935239	.0480258	.0015641	-.000134	.5909671	24.78281	-.001284
#3	1.957443	.0437632	.0017885	-.000287	.5866729	25.02895	-.000825

Sample Name: K5744-14 Acquired: 11/12/2019 16:52:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J22 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021998	-.003733	.1097699
Stddev	.0004884	.000234	.0003620
%RSD	22.20031	6.280238	.3298131

#1	.0020079	-.003486	.1098736
#2	.0018365	-.003952	.1093673
#3	.0027549	-.003759	.1100687

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.862	3617.628	45923.83	7118.050	4058.347
Stddev	4.137	7.524	49.86	39.931	6.539
%RSD	.2063487	.2079896	.1085728	.5609801	.1611309

#1	2008.963	3625.520	45928.44	7142.966	4064.398
#2	2000.690	3616.828	45871.83	7139.191	4059.232
#3	2004.932	3610.535	45971.23	7071.994	4051.410

Sample Name: K5744-13 Acquired: 11/12/2019 16:48:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010730	-.000156	.0012425	.0037956	-.000724	.4117647	.0085494
Stddev	.0038800	.001576	.0015541	.0014256	.000688	.0063481	.0004218
%RSD	361.5921	1011.594	125.0769	37.55782	95.06625	1.541689	4.933439

#1	-.003401	.001627	-.000537	.0051615	.000019	.4060742	.0089519
#2	.003098	-.000727	.002333	.0023171	-.000852	.4186115	.0081107
#3	.003522	-.001367	.001932	.0039083	-.001338	.4106083	.0085856

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001288	.0000344	1.015805	-.000393	-.000136	.0057280	.3419305
Stddev	.0000679	.0000731	.000222	.000129	.000099	.0020662	.0102351
%RSD	52.77797	212.7640	.0218649	32.92106	73.22344	36.07212	2.993319

#1	.0000562	-.000032	1.015838	-.000368	-.000176	.0052026	.3344813
#2	.0001909	.000023	1.016009	-.000278	-.000023	.0080062	.3377091
#3	.0001391	.000112	1.015568	-.000533	-.000209	.0039752	.3536011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102080	.3736842	.0009272	.0007844	.4202224	-.000085	.0088379
Stddev	.0003540	.0090142	.0002741	.0001491	.2332477	.002939	.0044511
%RSD	3.468193	2.412238	29.55966	19.00900	55.50578	3459.111	50.36372

#1	.0101415	.3748114	.0006757	.0006773	.3622892	.000587	.0135475
#2	.0105906	.3820817	.0012193	.0007212	.2214011	.002460	.0047006
#3	.0098919	.3641595	.0008866	.0009547	.6769768	-.003302	.0082657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8621361	.0170409	-.001535	-.000434	.4759379	.9250278	-.002071
Stddev	.0305885	.0004406	.000909	.000506	.0027486	.0090603	.000463
%RSD	3.547991	2.585726	59.20267	116.6095	.5775186	.9794607	22.34191

#1	.8463848	.0169893	-.001297	-.000980	.4791050	.9352890	-.002268
#2	.8973902	.0175051	-.000769	.000019	.4745332	.9181310	-.001542
#3	.8426334	.0166284	-.002539	-.000341	.4741755	.9216634	-.002402

Sample Name: K5744-13 Acquired: 11/12/2019 16:48:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J18 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0059984	-.008080	.0042854
Stddev	.0003980	.000308	.0000767
%RSD	6.634249	3.810226	1.789177

#1	.0061055	-.007864	.0042067
#2	.0055579	-.007943	.0042896
#3	.0063318	-.008433	.0043598

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.095	3621.322	45976.88	7122.166	4033.472
Stddev	8.381	7.973	179.92	25.753	.995
%RSD	.416534	.2201643	.3913281	.3615891	.0246738

#1	2006.019	3621.541	45954.30	7092.948	4033.106
#2	2008.610	3629.183	45809.31	7141.563	4034.599
#3	2021.657	3613.242	46167.02	7131.988	4032.712

Sample Name: CCB054 Acquired: 11/12/2019 17:00:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002798	-.001559	.0026863	.0047106	-.001185	.0089698	-.001630
Stddev	.001634	.002628	.0009041	.0031661	.001013	.0063319	.000244
%RSD	58.39642	168.5541	33.65590	67.21130	85.52348	70.59090	14.94782

#1	-.003924	-.004238	.0031575	.0043830	-.001929	.0081717	-.001912
#2	-.000924	-.001454	.0032576	.0017211	-.000031	.0030749	-.001493
#3	-.003546	.001015	.0016440	.0080278	-.001595	.0156630	-.001486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000368	-.000032	.0271365	.0001710	-.000066	.0066123	.0186884
Stddev	.0000782	.000056	.0082553	.0006391	.000077	.0019797	.0037974
%RSD	212.4281	175.1294	30.42124	373.8095	117.1028	29.93894	20.31931

#1	.0000721	.000018	.0198966	.0008742	-.000043	.0088945	.0193152
#2	-.000053	-.000093	.0253864	-.000375	-.000003	.0055845	.0221334
#3	.000091	-.000022	.0361265	.000013	-.000151	.0053579	.0146166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006543	-.011984	.0008317	.0011456	-.527815	.0005421	.0066963
Stddev	.0001427	.045504	.0003865	.0004592	.308467	.0022075	.0047721
%RSD	21.80791	379.6936	46.47786	40.08168	58.44219	407.2080	71.26490

#1	.0007363	.031529	.0008382	.0009580	-.292530	.0026031	.0102691
#2	.0004895	-.008236	.0012150	.0008100	-.877044	.0008106	.0085429
#3	.0007370	-.059246	.0004419	.0016689	-.413871	-.001787	.0012768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.396315	-.002012	.0003311	.0002757	-.003423	-.009853	-.001613
Stddev	.036536	.000415	.0004941	.0002504	.002220	.001005	.000505
%RSD	9.218832	20.60600	149.2223	90.83762	64.84756	10.19713	31.32475

#1	-.434611	-.001621	.0004118	-.000001	-.004195	-.008712	-.001578
#2	-.392493	-.001968	-.000198	.000342	-.000920	-.010605	-.001126
#3	-.361840	-.002447	.000780	.000486	-.005154	-.010242	-.002135

Sample Name: CCB054 Acquired: 11/12/2019 17:00:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB054 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005730	-.003738	.0000079
Stddev	.0002973	.001300	.0000731
%RSD	51.88155	34.78078	921.1565

#1	.0003722	-.004109	.0000471
#2	.0009145	-.002293	-.000076
#3	.0004323	-.004813	.000053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.772	3586.813	45473.10	7050.257	3996.244
Stddev	2.718	4.112	213.77	25.793	11.219
%RSD	.1373038	.1146545	.4701064	.3658419	.2807475

#1	1982.274	3588.755	45496.57	7047.678	4004.889
#2	1976.879	3589.595	45248.56	7025.852	4000.277
#3	1980.162	3582.089	45674.17	7077.243	3983.565

Sample Name: CCV054 Acquired: 11/12/2019 16:56:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.918284	4.904484	25.99726	4.872528	4.737414	374.2765	9.503257
Stddev	.010607	.011552	.03720	.012706	.012563	4.2340	.019868
%RSD	.2156640	.2355308	.1430939	.2607655	.2651820	1.131246	.2090686

#1	4.906290	4.898600	25.99837	4.863363	4.728210	370.8539	9.524058
#2	4.926432	4.897059	25.95952	4.867190	4.732306	372.9645	9.501239
#3	4.922129	4.917793	26.03390	4.887032	4.751726	379.0112	9.484476

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4535775	2.507363	416.9912	15.17864	2.635207	14.28392	412.2430
Stddev	.0017675	.003319	.1802	.03342	.003246	.04075	.7591
%RSD	.3896881	.1323743	.0432127	.2201455	.1231857	.2852898	.1841449

#1	.4516396	2.506706	417.0073	15.18999	2.633036	14.32277	412.8708
#2	.4539919	2.504421	416.8035	15.14103	2.633646	14.28747	412.4589
#3	.4551010	2.510961	417.1628	15.20490	2.638939	14.24151	411.3993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76991	398.6690	2.425526	1.356695	408.2789	2.302932	15.57432
Stddev	.01979	.4528	.003083	.010500	.8532	.015019	.16923
%RSD	.1339807	.1135703	.1270961	.7739077	.2089781	.6521820	1.086591

#1	14.78317	399.0652	2.427319	1.366302	408.8098	2.302152	15.61981
#2	14.77940	398.7663	2.421966	1.358296	408.7322	2.318326	15.71616
#3	14.74717	398.1755	2.427292	1.345486	407.2947	2.288318	15.38700

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	140.2156	5.132998	5.018638	4.865715	5.118607	4.797068	4.661437
Stddev	.5358	.005069	.006910	.008276	.020200	.010398	.008959
%RSD	.3821455	.0987532	.1376800	.1700810	.3946474	.2167676	.1921940

#1	140.8045	5.136721	5.011252	4.864707	5.111952	4.801957	4.658949
#2	140.0855	5.127225	5.024944	4.857990	5.102575	4.804121	4.653986
#3	139.7568	5.135049	5.019719	4.874449	5.141296	4.785126	4.671378

Sample Name: CCV054 Acquired: 11/12/2019 16:56:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV054 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.136981	5.119777	4.996789
Stddev	.006548	.006795	.029320
%RSD	.1274621	.1327134	.5867742

#1	5.136520	5.116725	5.019228
#2	5.130675	5.115044	5.007524
#3	5.143746	5.127562	4.963615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1654.945	3032.651	40974.19	6670.994	3117.154
Stddev	12.706	3.298	313.26	18.282	3.313
%RSD	.7677726	.1087598	.7645416	.2740483	.1062947

#1	1649.341	3031.851	40628.84	6655.414	3115.682
#2	1646.004	3036.276	41053.65	6691.120	3120.948
#3	1669.490	3029.826	41240.07	6666.448	3114.831

Sample Name: K5744-16 Acquired: 11/12/2019 17:08:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018141	-.000062	.0049903	.0021025	-.000633	.5037658	.0744020
Stddev	.0010125	.001813	.0008988	.0006110	.000247	.0143123	.0016948
%RSD	55.81026	2900.279	18.01165	29.06113	39.02379	2.841069	2.277905

#1	.0029814	-.001358	.0059106	.0016047	-.000855	.5096367	.0747386
#2	.0011734	-.000838	.0041146	.0027844	-.000367	.5142092	.0759032
#3	.0012876	.002009	.0049457	.0019183	-.000677	.4874515	.0725641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003027	.0001308	3.116900	-.000523	.0037461	.0060882	6.367714
Stddev	.0000512	.0000863	.050882	.000823	.0001678	.0009045	.112901
%RSD	16.92825	66.00156	1.632455	157.4763	4.478053	14.85633	1.773016

#1	.0003463	.0001597	3.142169	-.000550	.0038332	.0069696	6.427757
#2	.0003156	.0000337	3.150202	.000314	.0035527	.0051623	6.437906
#3	.0002463	.0001989	3.058330	-.001332	.0038525	.0061327	6.237479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4622246	1.267078	.0016109	.0006838	5.434577	.0016845	.0152496
Stddev	.0079396	.049889	.0001115	.0003041	.215710	.0017046	.0029409
%RSD	1.717698	3.937364	6.918108	44.47180	3.969208	101.1985	19.28492

#1	.4664065	1.291364	.0015099	.0004100	5.670248	.0015535	.0118911
#2	.4671991	1.300174	.0017305	.0010111	5.386562	.0000491	.0164945
#3	.4530681	1.209695	.0015925	.0006302	5.246920	.0034508	.0173634

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2969004	.0144479	.0095072	-.000696	1.268612	4.236784	-.001175
Stddev	.0761363	.0019977	.0003325	.000118	.003986	.066206	.000373
%RSD	25.64371	13.82673	3.497191	16.91085	.3141653	1.562639	31.74071

#1	.2270042	.0155511	.0095367	-.000796	1.265775	4.254741	-.001340
#2	.3780289	.0156508	.0098239	-.000566	1.273169	4.292158	-.000748
#3	.2856680	.0121419	.0091609	-.000725	1.266893	4.163452	-.001438

Sample Name: K5744-16 Acquired: 11/12/2019 17:08:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J26 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0065206	-.007415	.0180830
Stddev	.0013899	.000922	.0002612
%RSD	21.31535	12.42804	1.444434

#1	.0071678	-.007920	.0181442
#2	.0049251	-.007973	.0183082
#3	.0074689	-.006351	.0177967

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.292	3649.239	46292.32	7205.745	4066.471
Stddev	13.616	4.400	416.40	113.055	8.015
%RSD	.6732930	.1205823	.8994911	1.568958	.1970913

#1	2015.399	3654.146	45908.92	7148.364	4071.844
#2	2037.976	3647.927	46735.30	7132.887	4057.259
#3	2013.500	3645.644	46232.75	7335.983	4070.311

Sample Name: K5744-15 Acquired: 11/12/2019 17:04:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019416	.0005019	.0130641	.0042816	-.001254	.0005383	.1418340
Stddev	.0021337	.0018872	.0006251	.0006594	.000865	.0127906	.0007217
%RSD	109.8924	375.9984	4.784481	15.40030	68.94809	2376.228	.5088052

#1	.0019618	-.001203	.0124975	.0039781	-.001499	.0100250	.1424759
#2	-.000202	.000180	.0137346	.0050380	-.001970	.0055981	.1410529
#3	.004065	.002529	.0129601	.0038285	-.000293	-.014008	.1419733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001330	.0001427	6.363310	.0004862	-.000437	.0102156	-.000344
Stddev	.0000236	.0000523	.011121	.0003494	.000086	.0030191	.010691
%RSD	17.76461	36.64227	.1747713	71.86429	19.68767	29.55336	3109.170

#1	.0001214	.0001886	6.368766	.0003049	-.000530	.0136956	-.001428
#2	.0001175	.0000858	6.350515	.0008890	-.000421	.0086547	.010848
#3	.0001602	.0001539	6.370650	.0002648	-.000360	.0082965	-.010451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008350	1.685388	.0034136	.0007658	14.11789	-.000660	.0072221
Stddev	.0003515	.024917	.0000708	.0003964	.17626	.001116	.0034582
%RSD	42.09372	1.478397	2.073409	51.76251	1.248519	169.2123	47.88378

#1	.0010209	1.711007	.0033972	.0005967	14.31458	-.001755	.0097294
#2	.0010546	1.661239	.0033525	.0004820	14.06487	.000476	.0086601
#3	.0004296	1.683919	.0034911	.0012187	13.97422	-.000700	.0032769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.013152	.0445184	.0054933	-.000384	.5842014	25.00477	-.001405
Stddev	.058147	.0030944	.0010443	.000092	.0038239	.10194	.000771
%RSD	2.888333	6.950765	19.01023	23.86358	.6545435	.4076691	54.88643

#1	2.058411	.0420974	.0065483	-.000488	.5870283	25.11272	-.001370
#2	1.947572	.0434532	.0044601	-.000314	.5798505	24.91016	-.000652
#3	2.033472	.0480047	.0054715	-.000351	.5857253	24.99144	-.002194

Sample Name: K5744-15 Acquired: 11/12/2019 17:04:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J24 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007575	-.004452	.1093583
Stddev	.0004403	.001026	.0001257
%RSD	58.13044	23.04616	.1149122

#1	.0006612	-.003307	.1094372
#2	.0012380	-.005287	.1094243
#3	.0003733	-.004761	.1092134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.573	3647.819	46379.01	7146.379	4092.029
Stddev	15.568	4.092	120.12	45.208	8.673
%RSD	.7663135	.1121882	.2589925	.6325986	.2119415

#1	2019.047	3652.543	46340.66	7094.945	4082.772
#2	2049.002	3645.567	46513.62	7179.818	4093.348
#3	2026.669	3645.347	46282.75	7164.374	4099.967

Sample Name: K5744-18 Acquired: 11/12/2019 17:16:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0020490	k -.000614	.0188074	.0037319	k -.002528	.0263618	.0997994
Stddev	.0021466	.001446	.0011908	.0007808	.000691	.0105151	.0004744
%RSD	104.7660	235.5439	6.331754	20.92319	27.33775	39.88779	.4753942

#1	.0044631	-.002238	.0195184	.0028320	-.002075	.0374508	.0997460
#2	.0003552	.000535	.0174326	.0041327	-.003323	.0165344	.1002983
#3	k .0013286	k -.000139	.0194712	.0042309	k -.002186	.0251001	.0993539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000892	.0000934	4.617022	s -.000041	-.000561	.0330472	.0663540
Stddev	.0000965	.0000657	.012620	.000240	.000166	.0016595	.0124445
%RSD	108.2207	70.38016	.2733439	586.8982	29.56138	5.021551	18.75468

#1	.0001326	.0000671	4.612608	-.000003	-.000379	.0311675	.0611423
#2	.0001564	.0000449	4.607201	-.000298	-.000603	.0336646	.0805570
#3	-.000021	.0001682	4.631256	s .000178	-.000703	.0343095	.0573626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020712	1.223003	.0031174	s .0006959	11.33969	k .0021075	.0482509
Stddev	.0003838	.012170	.0002403	.0003506	.20709	.0015699	.0037439
%RSD	18.53215	.9951089	7.706737	50.38431	1.826272	74.48882	7.759174

#1	.0019461	1.235160	.0033907	.0010935	11.38682	.0037318	.0518861
#2	.0025020	1.223027	.0029393	.0005629	11.51916	.0019923	.0484595
#3	.0017656	1.210820	.0030223	s .0004312	11.11309	k .0005984	.0444071

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.584980	k .0536660	k .0035101	-.000192	.4568674	23.65292	-.000875
Stddev	.029696	.0010404	.0008266	.000356	.0065856	.30881	.000893
%RSD	1.873571	1.938582	23.54870	185.8495	1.441461	1.305590	102.0492

#1	1.599377	.0525335	.0026213	.000122	.4535187	23.69184	-.000383
#2	1.604732	.0545792	.0042557	-.000118	.4526290	23.94042	-.000337
#3	1.550830	k .0538853	k .0036532	-.000579	.4644544	23.32649	-.001907

Sample Name: K5744-18 Acquired: 11/12/2019 17:16:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J34 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008938	-.004614	.0811714
Stddev	.0011086	.001551	.0002780
%RSD	124.0222	33.60290	.3424863

#1	.0019549	-.005712	.0810759
#2	.0009833	-.002840	.0809538
#3	-.000257	-.005291	.0814846

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.630	3632.160	^ *****	7116.381	4065.332
Stddev	145.170	10.690	-----	14.819	6.040
%RSD	6.967145	.2943229	-----	.2082435	.1485772

#1	1994.625	3638.711	45903.41	7129.737	4066.074
#2	2005.118	3637.945	46002.28	7118.967	4070.967
#3	2251.148	3619.824	^ -----	7100.439	4058.956

Sample Name: K5744-17 Acquired: 11/12/2019 17:12:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011732	-.000270	.0033249	.0026639	-.002124	.5300511	.0442041
Stddev	.0010477	.000160	.0013257	.0018135	.000847	.0093663	.0008230
%RSD	89.30350	59.28887	39.87235	68.07601	39.86306	1.767062	1.861775

#1	.0014215	-.000287	.0021081	.0042931	-.002806	.5396895	.0451098
#2	.0000236	-.000420	.0047377	.0007100	-.001176	.5209828	.0440004
#3	.0020744	-.000102	.0031289	.0029886	-.002390	.5294811	.0435021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002316	.0000924	2.206848	.0003142	.0023559	.0058803	5.748187
Stddev	.0000408	.0000891	.055375	.0002491	.0002431	.0025528	.146467
%RSD	17.58994	96.42505	2.509243	79.28137	10.31814	43.41277	2.548050

#1	.0001952	.0001207	2.269718	.0004679	.0021665	.0052020	5.916916
#2	.0002241	-.000007	2.185507	.0000268	.0022712	.0087038	5.653800
#3	.0002756	.000164	2.165318	.0004479	.0026300	.0037352	5.673845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3227685	.8551228	.0019369	.0007428	3.021412	.0041462	.0108198
Stddev	.0090581	.0368956	.0000205	.0000792	.162529	.0021805	.0013463
%RSD	2.806381	4.314654	1.060336	10.66440	5.379250	52.59088	12.44248

#1	.3331965	.8977260	.0019292	.0006966	3.202101	.0046740	.0123740
#2	.3168534	.8337428	.0019602	.0008343	2.974994	.0060143	.0100672
#3	.3182556	.8338995	.0019213	.0006976	2.887142	.0017502	.0100181

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.093954	.0158011	.0059223	-.000458	.6858224	3.819276	-.001787
Stddev	.157975	.0006808	.0006544	.000275	.0045461	.076834	.000176
%RSD	168.1399	4.308444	11.05009	60.20454	.6628683	2.011752	9.831766

#1	-.071425	.0157358	.0054441	-.000660	.6902154	3.907714	-.001970
#2	.051546	.0165121	.0056547	-.000569	.6861145	3.781182	-.001769
#3	-.261985	.0151552	.0066681	-.000144	.6811373	3.768932	-.001620

Sample Name: K5744-17 Acquired: 11/12/2019 17:12:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0072951	-.007930	.0125636
Stddev	.0009517	.000590	.0003872
%RSD	13.04536	7.443028	3.081679

#1	.0082646	-.008159	.0130102
#2	.0063623	-.008371	.0123576
#3	.0072584	-.007259	.0123229

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.023	3654.861	46327.37	7074.891	4068.270
Stddev	14.257	2.570	202.24	153.474	2.415
%RSD	.7026546	.0703104	.4365544	2.169274	.0593615

#1	2045.264	3654.539	46558.92	6899.682	4070.377
#2	2023.236	3652.466	46237.84	7139.461	4068.797
#3	2018.569	3657.576	46185.34	7185.529	4065.635

Sample Name: K5744-19 Acquired: 11/12/2019 17:20:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000655	-.001270	.0000622	.0023551	-.000933	-.001441	-.001972
Stddev	.005022	.000793	.0004773	.0028253	.001148	.007397	.000306
%RSD	766.8175	62.43812	766.6679	119.9666	123.0990	513.3704	15.53556

#1	-.006252	-.000758	.0004388	.0027682	-.002179	-.002813	-.001750
#2	.000830	-.000869	.0002225	-.000654	.000082	.006546	-.001845
#3	.003457	-.002183	-.000474	.004951	-.000701	-.008055	-.002322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000907	-.000020	.0181939	-.000112	-.000015	.0054151	-.004868
Stddev	.0000094	.000048	.0078909	.000178	.000224	.0009453	.003324
%RSD	10.34761	235.2308	43.37120	159.6359	1530.873	17.45723	68.29506

#1	.0000855	-.000028	.0255505	-.000162	-.000061	.0065036	-.002058
#2	.0000850	-.000064	.0098597	.000086	.000229	.0049428	-.004007
#3	.0001015	.000031	.0191716	-.000260	-.000212	.0047991	-.008538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009626	-.005838	.0007941	.0008858	-.446933	-.000629	.0177027
Stddev	.0003731	.022026	.0005028	.0001189	.081155	.000587	.0008053
%RSD	38.76468	377.3038	63.31259	13.42732	18.15824	93.37544	4.548814

#1	.0008302	-.031261	.0010346	.0009078	-.473938	-.000445	.0177968
#2	.0013839	.006270	.0011314	.0009922	-.511143	-.001286	.0168544
#3	.0006737	.007478	.0002163	.0007574	-.355718	-.000156	.0184567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.651320	.0014452	-.010006	-.000507	.0046850	-.005372	-.001132
Stddev	.035860	.0016730	.000486	.000135	.0026812	.000752	.000271
%RSD	5.505760	115.7615	4.853281	26.55169	57.23034	13.98998	23.90052

#1	-.692286	-.000262	-.009455	-.000417	.0072047	-.004588	-.000997
#2	-.636062	.001517	-.010372	-.000661	.0049832	-.005440	-.000955
#3	-.625613	.003081	-.010190	-.000441	.0018671	-.006087	-.001444

Sample Name: K5744-19 Acquired: 11/12/2019 17:20:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2J32 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001733	-.008314	-.000079
Stddev	.0015370	.001004	.000025
%RSD	886.8435	12.07346	31.48264

#1	.0001600	-.007155	-.000059
#2	.0017169	-.008888	-.000072
#3	-.001357	-.008899	-.000107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.699	3635.378	46042.30	7120.610	4030.076
Stddev	11.545	3.890	256.05	47.745	6.787
%RSD	.5736206	.1069967	.5561088	.6705116	.1684024

#1	2025.549	3632.909	46275.58	7088.719	4026.956
#2	2009.348	3639.861	45768.36	7175.501	4037.862
#3	2003.199	3633.362	46082.97	7097.609	4025.410

Sample Name: K5744-20 Acquired: 11/12/2019 17:25:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011720	-.000960	.0222182	.0039892	-.001035	-.007569	.0837976
Stddev	.0026843	.000825	.0017151	.0033577	.001229	.003210	.0007820
%RSD	229.0426	85.94757	7.719572	84.17074	118.8219	42.41302	.9332130

#1	-.001846	-.001856	.0211043	.0064730	-.002160	-.007105	.0828953
#2	.003292	-.000791	.0213570	.0053254	.000277	-.010986	.0842187
#3	.002070	-.000232	.0241933	.0001690	-.001221	-.004616	.0842788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001327	.0001205	3.664992	.0004670	-.000637	.0696268	-.000003
Stddev	.0001001	.0000734	.016431	.0002754	.000124	.0017302	.004355
%RSD	75.46371	60.93288	.4483133	58.96910	19.42658	2.485023	129688.7

#1	.0000807	.0000618	3.651548	.0003266	-.000604	.0713136	.002014
#2	.0002481	.0002028	3.683307	.0007843	-.000774	.0697106	.002976
#3	.0000693	.0000968	3.660121	.0002901	-.000533	.0678562	-.005001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005500	1.180078	.0026180	.0007058	8.066692	.0013180	.0676750
Stddev	.0005182	.014928	.0002094	.0005020	.404288	.0011795	.0045043
%RSD	94.21794	1.265030	7.997393	71.13039	5.011817	89.49647	6.655746

#1	-.000037	1.163372	.0027856	.0004638	7.625067	.0000041	.0685271
#2	.000944	1.184754	.0023833	.0003706	8.156454	.0022858	.0628055
#3	.000742	1.192109	.0026851	.0012830	8.418555	.0016639	.0716924

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.729084	.0486092	.0020387	-.000333	.2525768	20.31672	-.001043
Stddev	.118147	.0003329	.0004697	.000164	.0037170	.09466	.000810
%RSD	6.832919	.6849013	23.03814	49.46052	1.471620	.4659223	77.63512

#1	1.640077	.0487951	.0019589	-.000454	.2522104	20.39765	-.000122
#2	1.863125	.0488076	.0025432	-.000399	.2490566	20.33988	-.001366
#3	1.684049	.0482248	.0016141	-.000145	.2564634	20.21263	-.001642

Sample Name: K5744-20 Acquired: 11/12/2019 17:25:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J36 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003896	-.003987	.0671684
Stddev	.0005374	.000798	.0002046
%RSD	137.9162	20.01819	.3045728

#1	.0003819	-.003181	.0674027
#2	.0009308	-.004777	.0670252
#3	-.000144	-.004003	.0670772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.754	3636.476	46102.84	7138.671	4075.444
Stddev	24.321	3.407	402.20	34.636	5.072
%RSD	1.200602	.0936828	.8723918	.4851930	.1244497

#1	2012.042	3638.035	45891.05	7111.495	4073.873
#2	2053.835	3638.825	46566.68	7126.847	4081.116
#3	2011.385	3632.569	45850.80	7177.671	4071.344

Sample Name: K5744-21 Acquired: 11/12/2019 17:29:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023409	-.000866	.0094752	.0035586	-.001885	.0105764	.0949440
Stddev	.0024424	.000438	.0016854	.0024637	.001197	.0068542	.0007747
%RSD	104.3339	50.62133	17.78732	69.23293	63.52345	64.80691	.8159876

#1	-.000475	-.001252	.0076807	.0010276	-.002839	.0068116	.0956364
#2	.003886	-.000390	.0097202	.0036990	-.002273	.0184879	.0941072
#3	.003612	-.000955	.0110246	.0059490	-.000541	.0064297	.0950883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000606	.0000596	4.497563	.0006307	-.000031	.0095380	.0437784
Stddev	.0000484	.0000331	.007199	.0002473	.000266	.0018577	.0121403
%RSD	79.95982	55.65234	.1600737	39.20310	872.0715	19.47640	27.73132

#1	.0001086	.0000912	4.499107	.0007933	.000074	.0105293	.0298517
#2	.0000615	.0000250	4.489717	.0007528	-.000333	.0073949	.0493555
#3	.0000117	.0000625	4.503866	.0003462	.000167	.0106897	.0521281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008617	1.385562	.0021499	.0010037	8.456359	.0028506	.0281170
Stddev	.0001199	.005169	.0001826	.0003823	.238477	.0015721	.0006876
%RSD	13.91280	.3730519	8.495436	38.08909	2.820086	55.14785	2.445573

#1	.0007249	1.390642	.0023591	.0006551	8.723143	.0014872	.0285178
#2	.0009119	1.385736	.0020681	.0014125	8.263884	.0024944	.0285101
#3	.0009484	1.380309	.0020224	.0009434	8.382050	.0045702	.0273230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.685638	.0734041	.0041927	-.000398	.4231550	21.00810	-.001679
Stddev	.046134	.0016825	.0007204	.000273	.0076833	.13528	.000796
%RSD	2.736884	2.292083	17.18090	68.67532	1.815720	.6439574	47.43080

#1	1.703625	.0714698	.0041455	-.000691	.4300302	20.90807	-.000852
#2	1.633219	.0742138	.0034972	-.000149	.4148613	20.95420	-.001744
#3	1.720068	.0745286	.0049355	-.000355	.4245735	21.16202	-.002440

Sample Name: K5744-21 Acquired: 11/12/2019 17:29:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2J38 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000032	-.004889	.0798425
Stddev	.000540	.000325	.0003419
%RSD	1708.176	6.638953	.4282297

#1	-.000482	-.004639	.0802136
#2	.000567	-.004773	.0795403
#3	-.000180	-.005256	.0797736

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.308	3631.492	45902.11	7146.134	4078.528
Stddev	10.722	5.010	319.41	21.758	3.719
%RSD	.5341520	.1379623	.6958431	.3044710	.0911846

#1	2007.834	3625.763	45922.11	7155.152	4074.433
#2	1996.333	3635.052	45573.18	7161.932	4081.696
#3	2017.758	3633.662	46211.05	7121.317	4079.456

Sample Name: CCV055 Acquired: 11/12/2019 17:41:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.895991	4.879127	26.07905	4.849342	4.732981	375.3826	9.393784
Stddev	.006952	.023348	.04362	.011505	.006863	.5317	.045564
%RSD	.1420009	.4785332	.1672509	.2372416	.1449965	.1416408	.4850441

#1	4.902428	4.895073	26.07282	4.844952	4.728454	375.6388	9.430599
#2	4.896927	4.852327	26.03888	4.840679	4.729611	374.7713	9.407927
#3	4.888618	4.889981	26.12545	4.862395	4.740877	375.7377	9.342826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4523313	2.510323	414.7298	15.22623	2.644274	14.14816	407.5807
Stddev	.0009706	.004122	1.2790	.01724	.002935	.11055	1.6189
%RSD	.2145719	.1641915	.3083875	.1132000	.1109760	.7814011	.3971855

#1	.4534520	2.510925	415.7772	15.23265	2.644519	14.22329	408.5003
#2	.4517726	2.505934	415.1076	15.20671	2.641225	14.19997	408.5302
#3	.4517693	2.514111	413.3044	15.23934	2.647079	14.02121	405.7115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74932	397.8606	2.415370	1.370216	401.4001	2.272677	15.65259
Stddev	.04114	1.5780	.003027	.000382	1.8455	.023302	.16873
%RSD	.2789012	.3966237	.1253325	.0279118	.4597656	1.025300	1.077974

#1	14.77316	398.7211	2.412675	1.370462	402.5432	2.276244	15.79944
#2	14.77298	398.8214	2.414790	1.370411	402.3862	2.293990	15.69007
#3	14.70182	396.0394	2.418645	1.369776	399.2711	2.247798	15.46828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	139.1252	5.099633	5.013418	4.870998	5.086890	4.804091	4.640831
Stddev	.7871	.031878	.012860	.009129	.020971	.008554	.012790
%RSD	.5657229	.6251013	.2565108	.1874070	.4122591	.1780576	.2755966

#1	139.4314	5.123669	5.008157	4.865437	5.100603	4.805778	4.646145
#2	139.7132	5.063471	5.028074	4.866024	5.062749	4.811676	4.626241
#3	138.2311	5.111758	5.004022	4.881533	5.097319	4.794819	4.650107

Sample Name: CCV055 Acquired: 11/12/2019 17:41:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.145506	5.096832	5.014812
Stddev	.014478	.006924	.019761
%RSD	.2813625	.1358582	.3940556

#1	5.136378	5.104326	5.027740
#2	5.137940	5.090670	4.992065
#3	5.162198	5.095501	5.024632

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.301	3051.617	40833.32	6668.122	3134.824
Stddev	11.532	6.075	78.48	5.627	6.783
%RSD	.7004534	.1990821	.1921879	.0843936	.2163866

#1	1633.227	3053.156	40772.26	6662.012	3131.419
#2	1650.650	3056.775	40921.84	6669.261	3142.635
#3	1655.025	3044.920	40805.85	6673.093	3130.417

Sample Name: CCB055 Acquired: 11/12/2019 17:45:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000835	-.001603	.0033942	.0052694	-.000882	.0188224	-.001322
Stddev	.002037	.001683	.0015177	.0025252	.001313	.0066671	.000482
%RSD	243.8835	104.9945	44.71436	47.92180	148.8270	35.42084	36.50649

#1	.000639	-.001346	.0051034	.0025964	.000543	.0191851	-.001508
#2	-.003160	-.000063	.0022046	.0055969	-.002042	.0253008	-.000774
#3	.000015	-.003400	.0028745	.0076148	-.001148	.0119814	-.001683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000641	.0001389	.0335095	.0006605	-.000034	.0090857	.0308629
Stddev	.0000481	.0000178	.0077073	.0000511	.000250	.0004589	.0046036
%RSD	75.12547	12.81911	23.00043	7.739511	729.3059	5.051157	14.91630

#1	.0000412	.0001425	.0418202	.0007033	-.000302	.0089903	.0338493
#2	.0000316	.0001546	.0321112	.0006039	.000006	.0086819	.0255613
#3	.0001194	.0001196	.0265970	.0006742	.000192	.0095848	.0331782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011853	.0158867	.0008401	.0009630	-.352865	-.000799	.0034513
Stddev	.0004779	.0335262	.0002106	.0002252	.045109	.004258	.0039316
%RSD	40.31938	211.0337	25.06556	23.38700	12.78377	533.0503	113.9169

#1	.0017348	-.007022	.0009476	.0011402	-.394003	.004020	.0001588
#2	.0009547	.000315	.0005975	.0010392	-.304626	-.002360	.0023906
#3	.0008664	.054367	.0009752	.0007096	-.359967	-.004056	.0078044

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.547121	.0001589	.0011958	.0005648	-.004571	-.008984	-.000275
Stddev	.083834	.0020830	.0007307	.0001809	.001749	.000558	.000902
%RSD	15.32269	1310.583	61.10008	32.03488	38.27357	6.205695	327.7690

#1	-.540632	-.001528	.0020308	.0005476	-.004191	-.009628	-.001017
#2	-.634011	-.000483	.0008830	.0007538	-.003043	-.008686	.000730
#3	-.466721	.002487	.0006737	.0003931	-.006479	-.008640	-.000539

Sample Name: CCB055 Acquired: 11/12/2019 17:45:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1003) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000110	-.005188	.0002157
Stddev	.000531	.000054	.0000050
%RSD	484.1599	1.050173	2.321923

#1	.000462	-.005184	.0002118
#2	-.000204	-.005136	.0002213
#3	-.000587	-.005245	.0002139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1995.136	3625.159	45910.39	7086.678	4032.522
Stddev	13.054	4.653	240.77	17.245	5.315
%RSD	.6543119	.1283393	.5244305	.2433395	.1317971

#1	1992.971	3627.393	45817.14	7067.254	4036.528
#2	2009.138	3628.273	46183.83	7100.185	4034.545
#3	1983.300	3619.811	45730.19	7092.596	4026.493