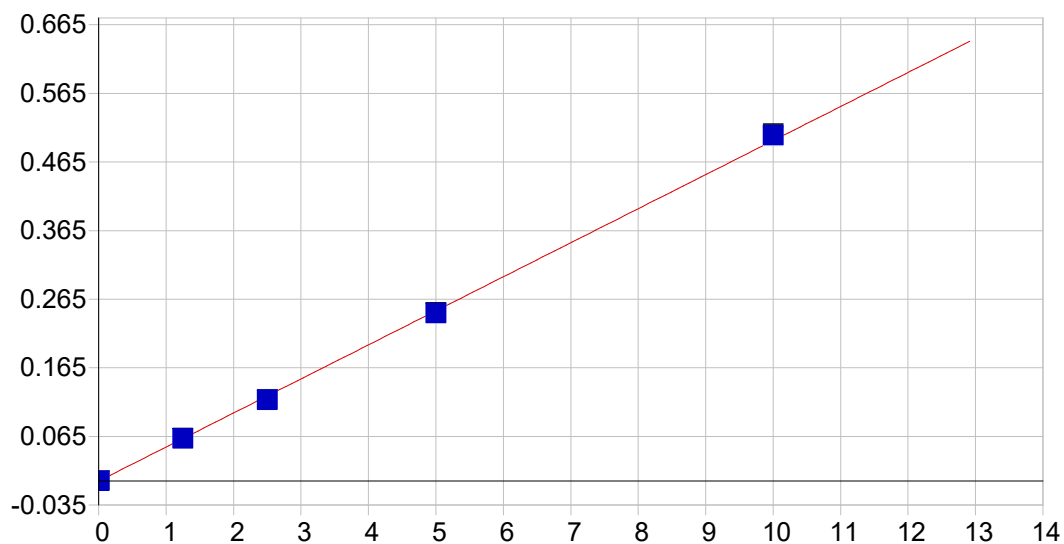




As 189.042 {479}

Date of Fit: 02/18/2019 17:49:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000154

Re-Slope: 1.000000

A1 (Gain): 0.049637

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999762

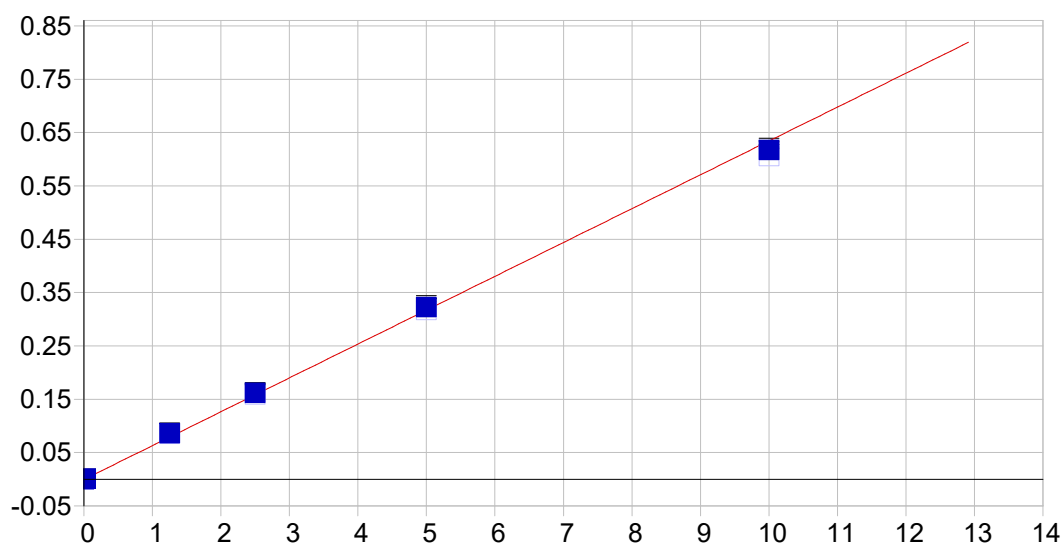
Status: OK.

Std Error of Est: 0.000018

Predicted MDL: 0.003420

Predicted MQL: 0.011400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00759	-.002	-24.1	.00022	.000	1
S2	1.2500	1.2563	.006	.504	.06198	.000	1
S3	2.5000	2.3917	-.108	-4.33	.11812	.000	1
S4	5.0000	4.9376	-.062	-1.25	.24405	.001	1
S5	10.000	10.167	.167	1.67	.50272	.002	1

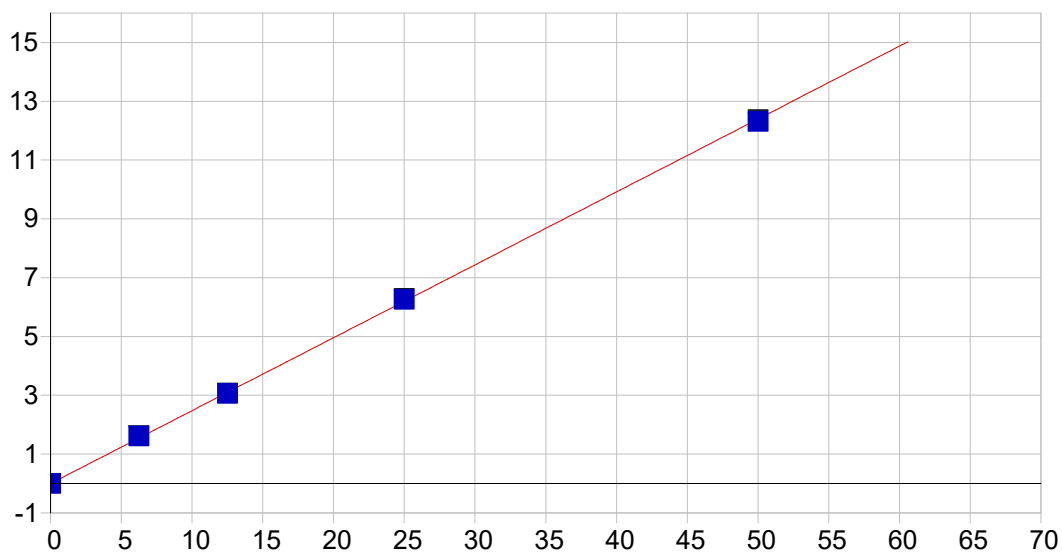


TI 190.856 {477}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000419 Re-Slope: 1.000000
 A1 (Gain): 0.063470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999408 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.002374
 Predicted MQL: 0.007913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00042	.000	1
S1	.02500	.02697	.002	7.90	.00123	.000	1
S2	1.2500	1.3682	.118	9.46	.08496	.000	1
S3	2.5000	2.5546	.055	2.18	.15879	.001	1
S4	5.0000	5.0931	.093	1.86	.31699	.002	1
S5	10.000	9.7322	-.268	-2.68	.60558	.003	1

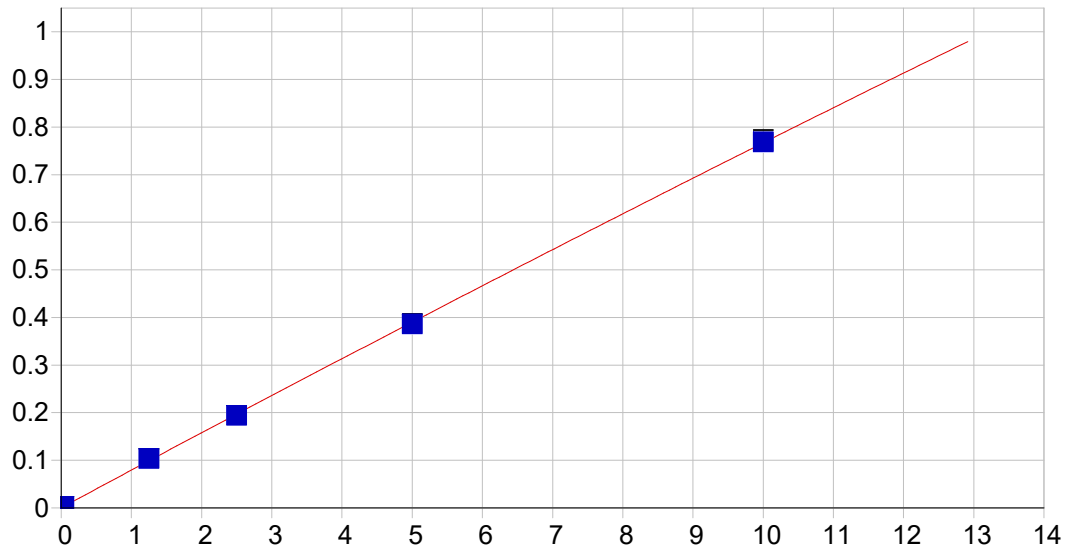


Pb 220.353 {453}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000522	Re-Slope:	1.000000
A1 (Gain):	0.247948	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000128		
Predicted MDL:	0.001606		
Predicted MQL:	0.005355		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00052	.000	1
S1	.01000	.01096	.001	9.63	.00220	.000	1
S2	6.2500	6.5118	.262	4.19	1.6139	.004	1
S3	12.500	12.341	-.159	-1.27	3.0590	.015	1
S4	25.000	25.243	.243	.971	6.2578	.021	1
S5	50.000	49.654	-.346	-.692	12.310	.059	1

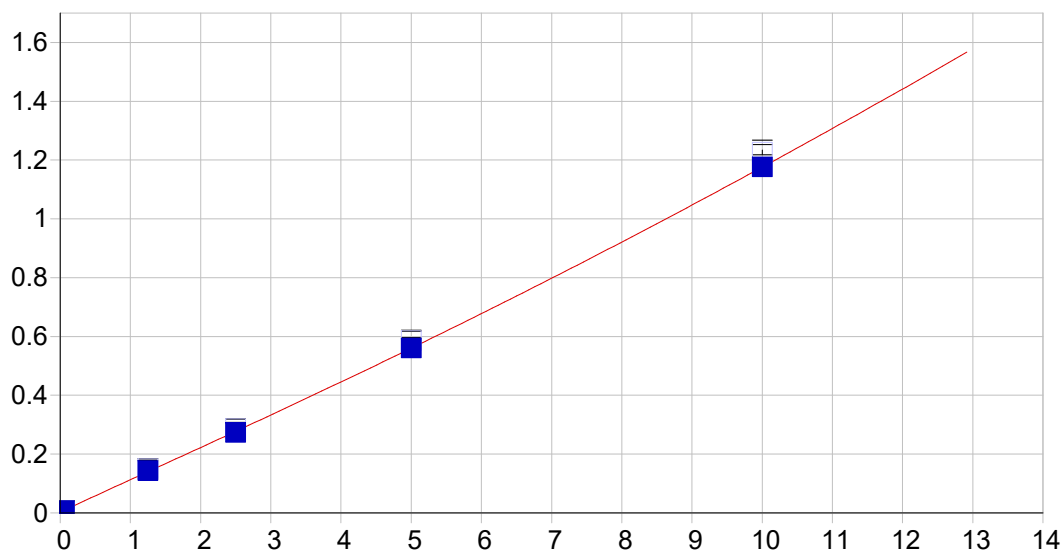


Se 196.090 {472}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000196 Re-Slope: 1.000000
 A1 (Gain): 0.079401 Y-int: 0.000000
 A2 (Curvature): -0.000275
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002603
 Predicted MQL: 0.008678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00020	.000	1
S1	.03500	.03969	.005	13.4	.00335	.000	1
S2	1.2500	1.3046	.055	4.37	.10306	.000	1
S3	2.5000	2.4619	-.038	-1.52	.19349	.000	1
S4	5.0000	4.9503	-.050	-.994	.38548	.000	1
S5	10.000	10.029	.029	.285	.76677	.005	1

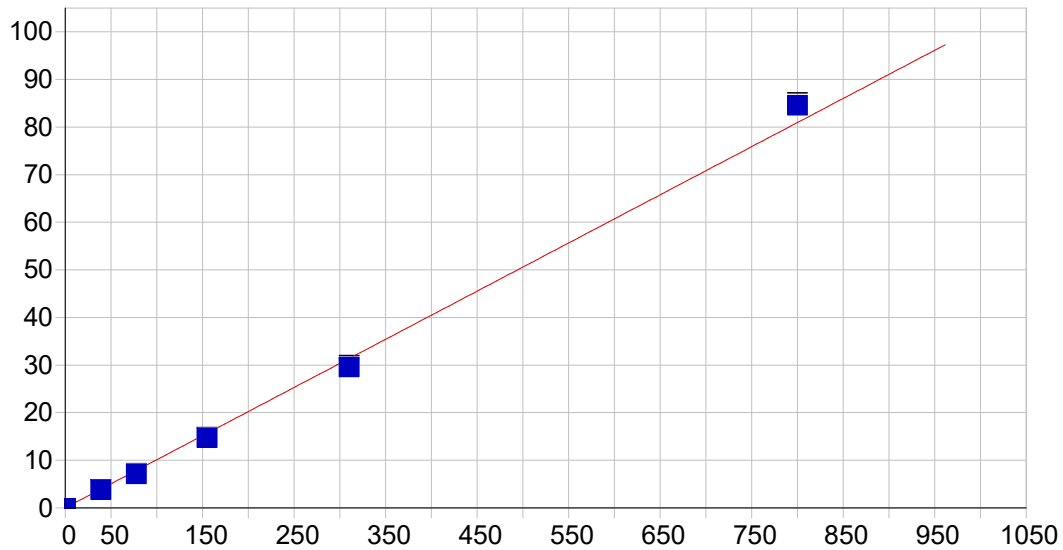


Sb 206.833 {463}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000424	Re-Slope:	1.000000
A1 (Gain):	0.110065	Y-int:	0.000000
A2 (Curvature):	0.002446		
n (Exponent):	0.950000		
Correlation:	0.999962	Status:	Warning Positive Curvature
Std Error of Est:	0.000061		
Predicted MDL:	0.002322		
Predicted MQL:	0.007739		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00042	.000	1
S1	.06000	.05666	-.003	-5.57	.00764	.000	1
S2	1.2500	1.2846	.035	2.77	.15033	.000	1
S3	2.5000	2.4643	-.036	-1.43	.28594	.001	1
S4	5.0000	4.9997	-.000	-.006	.58557	.002	1
S5	10.000	10.004	.004	.044	1.2269	.008	1

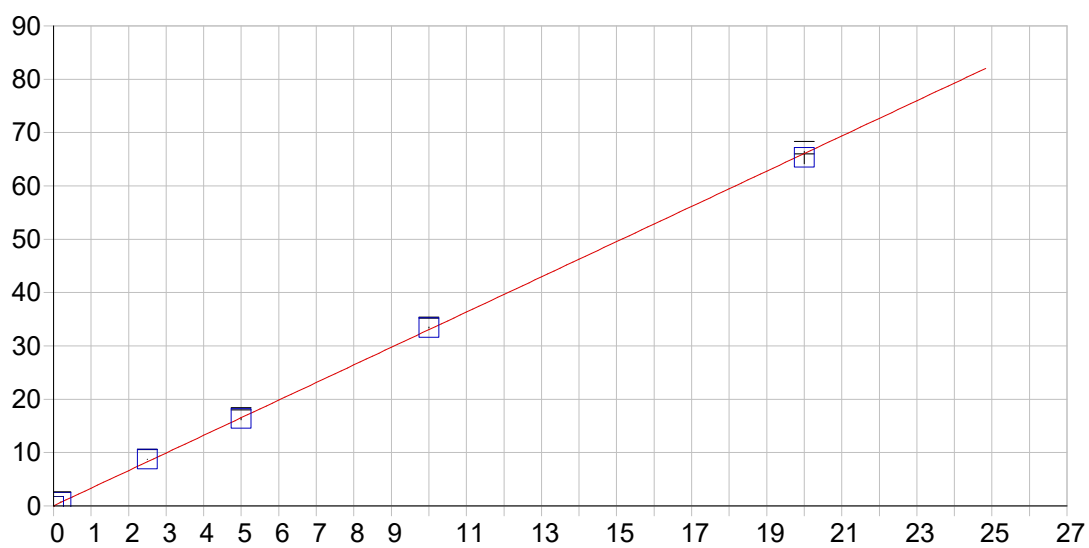


AI 396.152 { 85}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005742 Re-Slope: 1.000000
 A1 (Gain): 0.101178 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998622 Status: OK.
 Std Error of Est: 0.003309
 Predicted MDL: 0.015357
 Predicted MQL: 0.051189

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00575	.001	1
S1	.20000	.18625	-.014	-6.87	.02494	.002	1
S2	38.750	37.580	-1.17	-3.02	3.8159	.007	1
S3	77.500	70.553	-6.95	-8.96	7.1599	.107	1
S4	155.00	145.58	-9.42	-6.08	14.766	.081	1
S5	310.00	292.19	-17.8	-5.75	29.631	.337	1
S6	800.00	835.42	35.4	4.43	84.583	.544	1

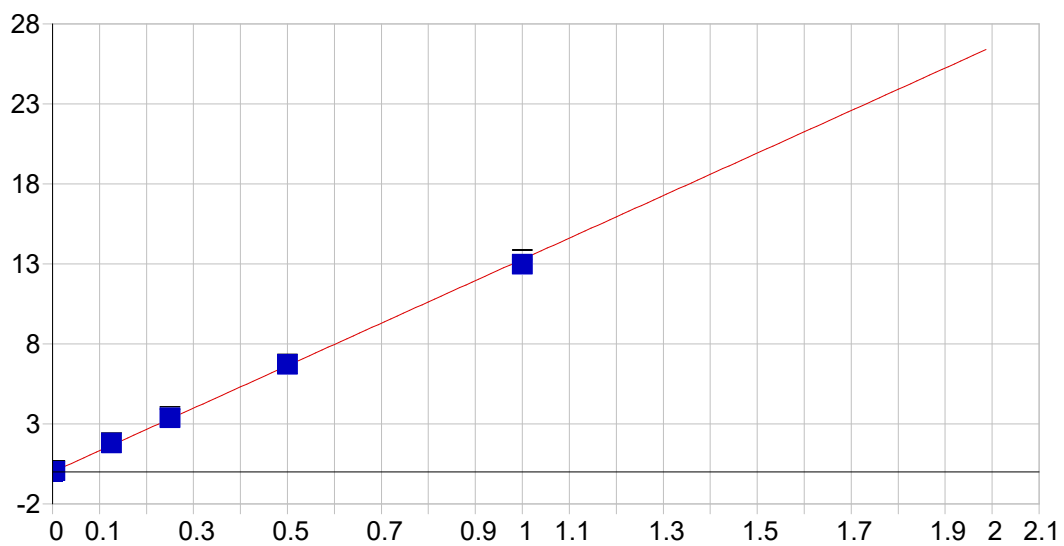


Ba 493.409 { 68}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023443 Re-Slope: 1.000000
 A1 (Gain): 3.302079 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999812 Status: OK.
 Std Error of Est: 0.006813
 Predicted MDL: 0.001197
 Predicted MQL: 0.003989

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02335	.001	1
S1	.20000	.21980	.020	9.90	.74923	.003	1
S2	2.5000	2.6379	.138	5.52	8.7341	.019	1
S3	5.0000	4.9471	-.053	-1.06	16.359	.206	1
S4	10.000	10.122	.122	1.22	33.448	.111	1
S5	20.000	19.773	-.227	-1.14	65.315	1.17	1

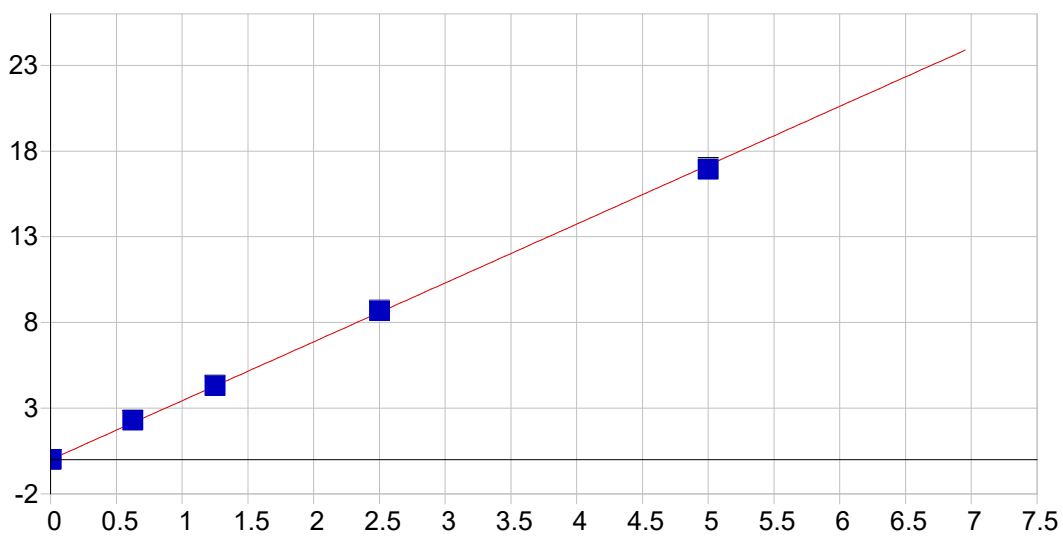


Be 234.861 {144}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.004090	Re-Slope:	1.000000
A1 (Gain):	13.286092	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999543	Status:	OK.
Std Error of Est:	0.001502		
Predicted MDL:	0.000064		
Predicted MQL:	0.000215		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00410	.000	1
S1	.00500	.00554	.001	10.9	.06951	.002	1
S2	.12500	.13592	.011	8.74	1.7963	.019	1
S3	.25000	.25460	.005	1.84	3.3675	.081	1
S4	.50000	.50671	.007	1.34	6.7060	.012	1
S5	1.0000	.97723	-.023	-2.28	12.935	.294	1

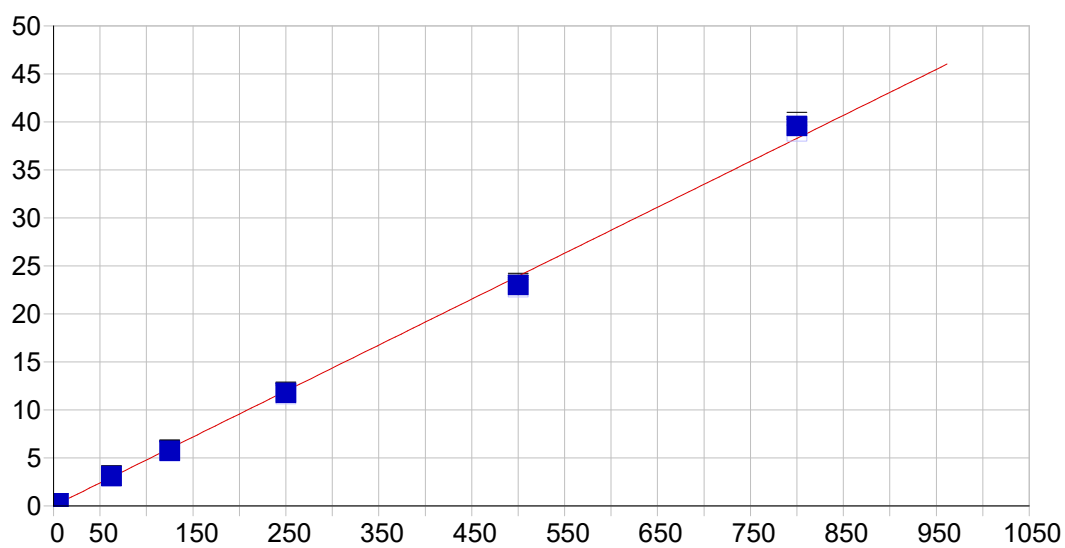


Cd 214.438 {457}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000355 Re-Slope: 1.000000
 A1 (Gain): 3.435029 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782 Status: OK.
 Std Error of Est: 0.000602
 Predicted MDL: 0.000080
 Predicted MQL: 0.000266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.00500	.00550	.001	10.1	.01856	.000	1
S2	.62500	.66606	.041	6.57	2.2909	.005	1
S3	1.2500	1.2542	.004	.339	4.3146	.023	1
S4	2.5000	2.5268	.027	1.07	8.6925	.029	1
S5	5.0000	4.9274	-.073	-1.45	16.952	.088	1

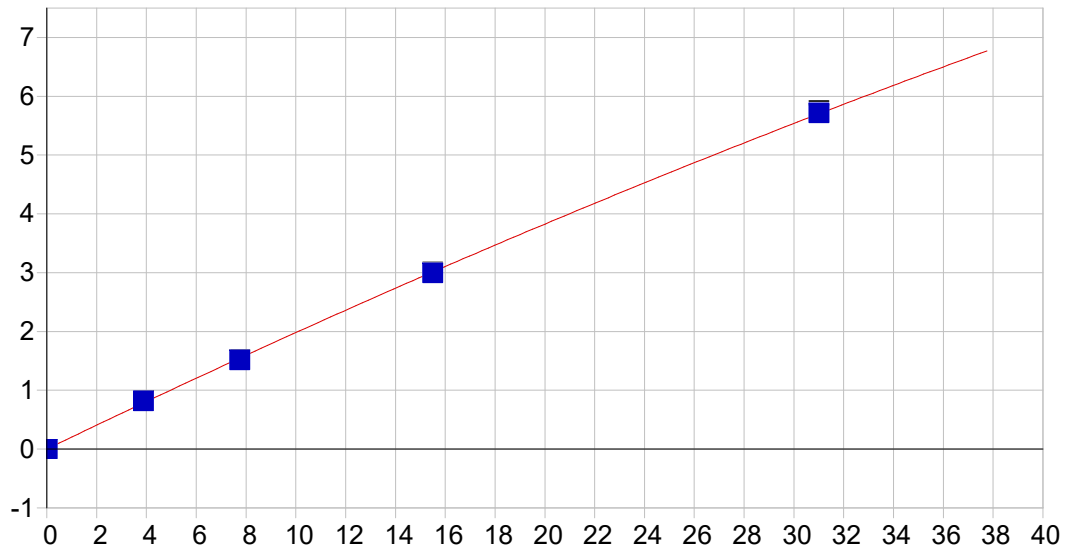


Ca 373.690 { 90}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003868 Re-Slope: 1.000000
 A1 (Gain): 0.047855 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999394 Status: OK.
 Std Error of Est: 0.005749
 Predicted MDL: 0.026123
 Predicted MQL: 0.087077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	.00386	.001	1
S1	5.0000	5.3200	.320	6.40	.25839	.003	1
S2	62.500	64.709	2.21	3.53	3.0737	.017	1
S3	125.00	119.78	-5.22	-4.18	5.6823	.104	1
S4	250.00	245.51	-4.49	-1.80	11.646	.120	1
S5	500.00	480.46	-19.5	-3.91	22.782	.204	1
S6	800.00	826.88	26.9	3.36	39.003	.380	1

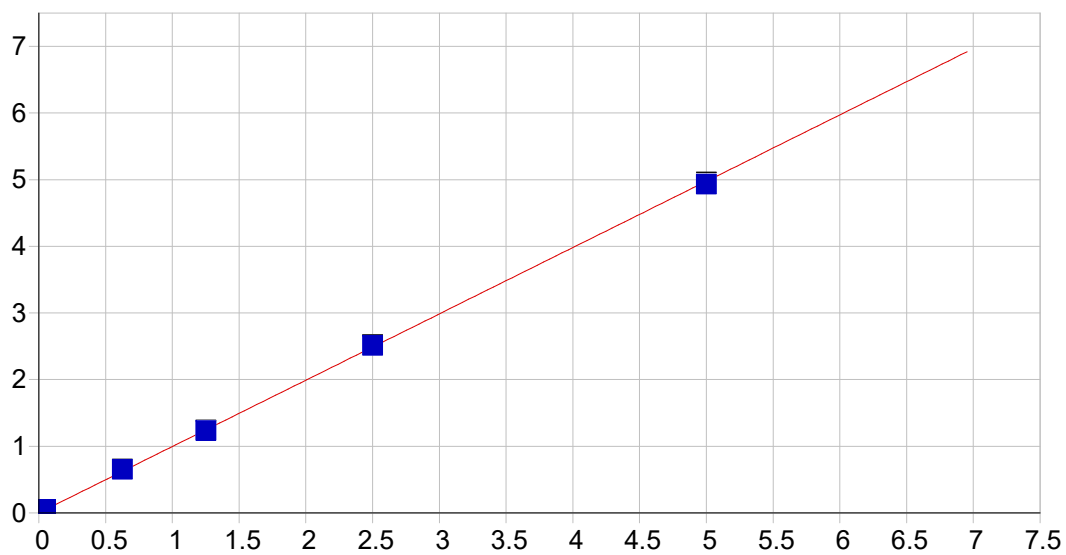


Cr 267.716 {126}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000078	Re-Slope:	1.000000
A1 (Gain):	0.204855	Y-int:	0.000000
A2 (Curvature):	-0.000675		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000097		
Predicted MDL:	0.000627		
Predicted MQL:	0.002089		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01084	.001	8.43	.00230	.000	1
S2	3.8750	4.0532	.178	4.60	.82029	.002	1
S3	7.7500	7.5917	-.158	-2.04	1.5183	.006	1
S4	15.500	15.411	-.089	-.574	3.0007	.007	1
S5	31.000	31.070	.070	.226	5.7212	.033	1

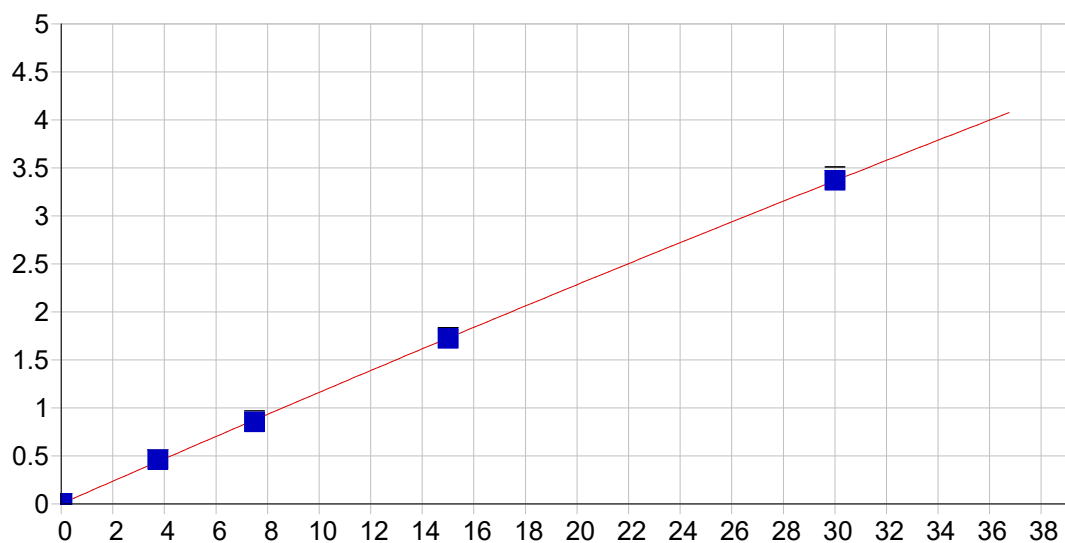


Co 228.616 {448}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000361	Re-Slope:	1.000000
A1 (Gain):	0.995272	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999878	Status:	OK.
Std Error of Est:	0.000413		
Predicted MDL:	0.000272		
Predicted MQL:	0.000906		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.05000	.05239	.002	4.79	.05268	.000	1
S2	.62500	.65501	.030	4.80	.65326	.003	1
S3	1.2500	1.2409	-.009	-.727	1.2374	.005	1
S4	2.5000	2.5241	.024	.963	2.5165	.009	1
S5	5.0000	4.9526	-.047	-.948	4.9375	.026	1

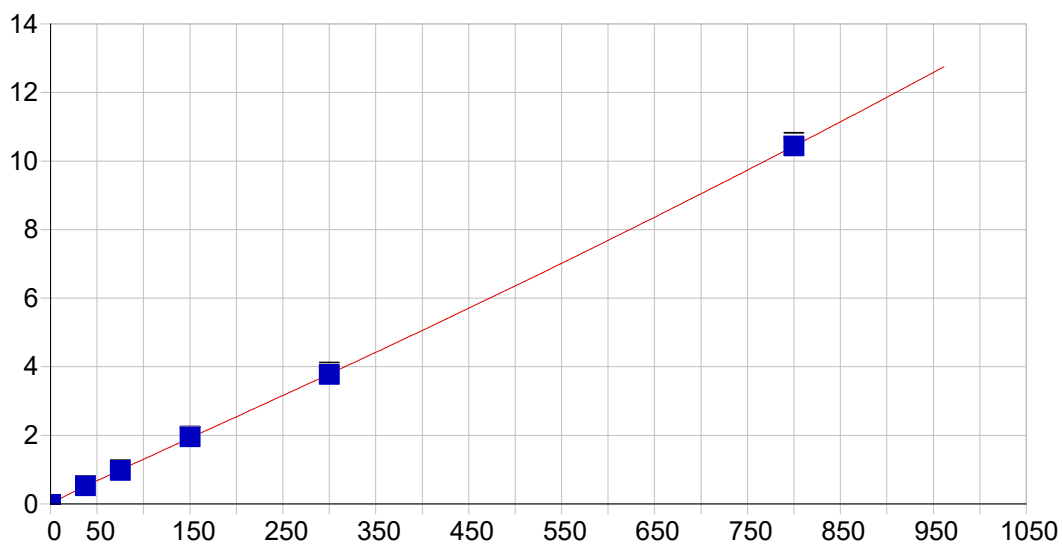


Cu 324.754 {104}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.001267	Re-Slope:	1.000000
A1 (Gain):	0.117980	Y-int:	0.000000
A2 (Curvature):	-0.000194		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000097		
Predicted MDL:	0.005823		
Predicted MQL:	0.019409		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00127	.000	1
S1	.02500	.02932	.004	17.3	.00472	.000	1
S2	3.7500	3.9264	.176	4.70	.46119	.002	1
S3	7.5000	7.3081	-.192	-2.56	.85247	.012	1
S4	15.000	14.966	-.034	-.229	1.7222	.011	1
S5	30.000	30.046	.046	.153	3.3685	.037	1

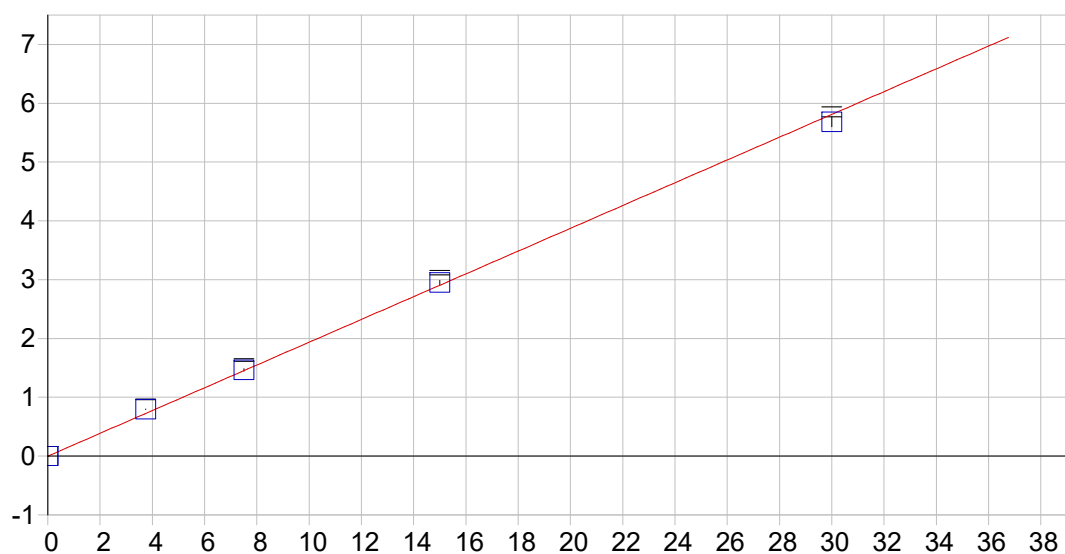


Fe 259.837 {130}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000438 Re-Slope: 1.000000
 A1 (Gain): 0.017489 Y-int: 0.000000
 A2 (Curvature): 0.000007
 n (Exponent): 0.930000
 Correlation: 0.999962 Status: Warning Positive Curvature
 Std Error of Est: 0.000064
 Predicted MDL: 0.021383
 Predicted MQL: 0.071276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00044	.000	1
S1	.10000	.07292	-.027	-27.1	.00204	.000	1
S2	37.500	38.143	.643	1.71	.52462	.003	1
S3	75.000	73.343	-1.66	-2.21	.97244	.016	1
S4	150.00	152.39	2.39	1.59	1.9570	.018	1
S5	300.00	298.38	-1.62	-.541	3.7802	.061	1
S6	800.00	800.28	.277	.035	10.456	.094	1

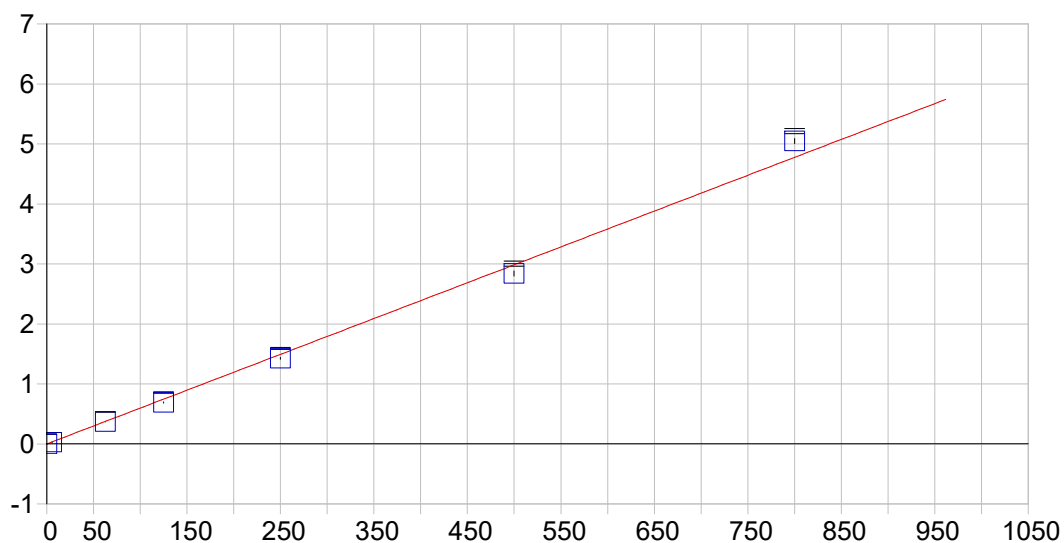


Mn 257.610 {131}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000306 Re-Slope: 1.000000
 A1 (Gain): 0.193707 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999541 Status: OK.
 Std Error of Est: 0.000209
 Predicted MDL: 0.001798
 Predicted MQL: 0.005992

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00031	.000	1
S1	.01500	.01805	.003	20.3	.00319	.000	1
S2	3.7500	4.0983	.348	9.29	.79356	.006	1
S3	7.5000	7.5678	.068	.904	1.4656	.023	1
S4	15.000	15.237	.237	1.58	2.9512	.038	1
S5	30.000	29.344	-.656	-2.19	5.6837	.084	1

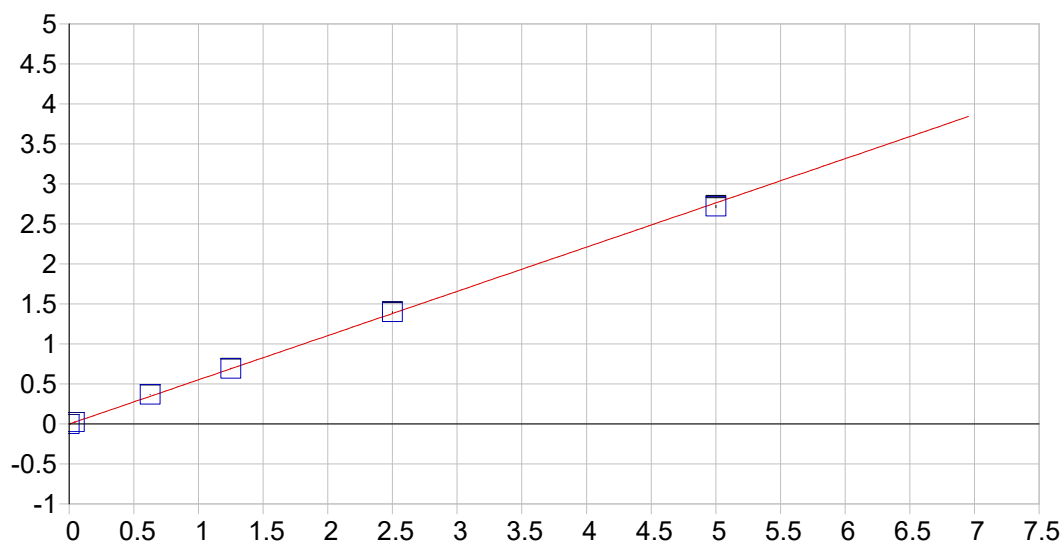


Mg 279.079 {121}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.005970 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998571 Status: OK.
 Std Error of Est: 0.001115
 Predicted MDL: 0.071156
 Predicted MQL: 0.237188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00058	.001	.000	-.00006	.001	1
S1	5.0000	5.0277	.028	.555	.02995	.000	1
S2	62.500	61.789	-.711	-1.14	.36881	.002	1
S3	125.00	115.73	-9.27	-7.42	.69082	.011	1
S4	250.00	238.89	-11.1	-4.44	1.4261	.015	1
S5	500.00	475.48	-24.5	-4.90	2.8385	.043	1
S6	800.00	845.59	45.6	5.70	5.0480	.044	1

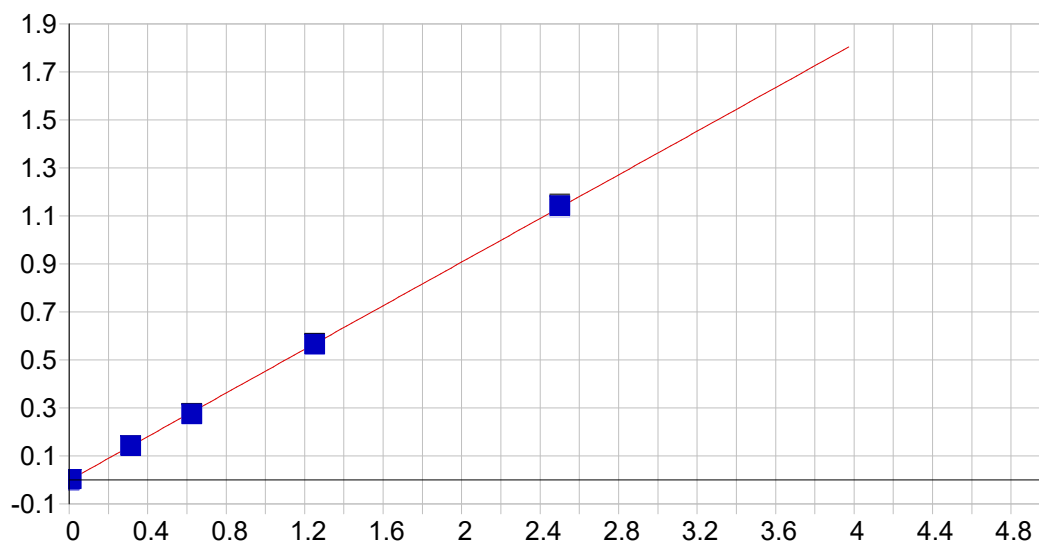


Ni 231.604 {446}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001467	Re-Slope:	1.000000
A1 (Gain):	0.552769	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999746	Status:	OK.
Std Error of Est:	0.000296		
Predicted MDL:	0.000495		
Predicted MQL:	0.001651		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00147	.000	1
S1	.04000	.04449	.004	11.2	.02312	.000	1
S2	.62500	.66529	.040	6.45	.36629	.001	1
S3	1.2500	1.2527	.003	.218	.69100	.004	1
S4	2.5000	2.5320	.032	1.28	1.3982	.005	1
S5	5.0000	4.9205	-.080	-1.59	2.7184	.015	1

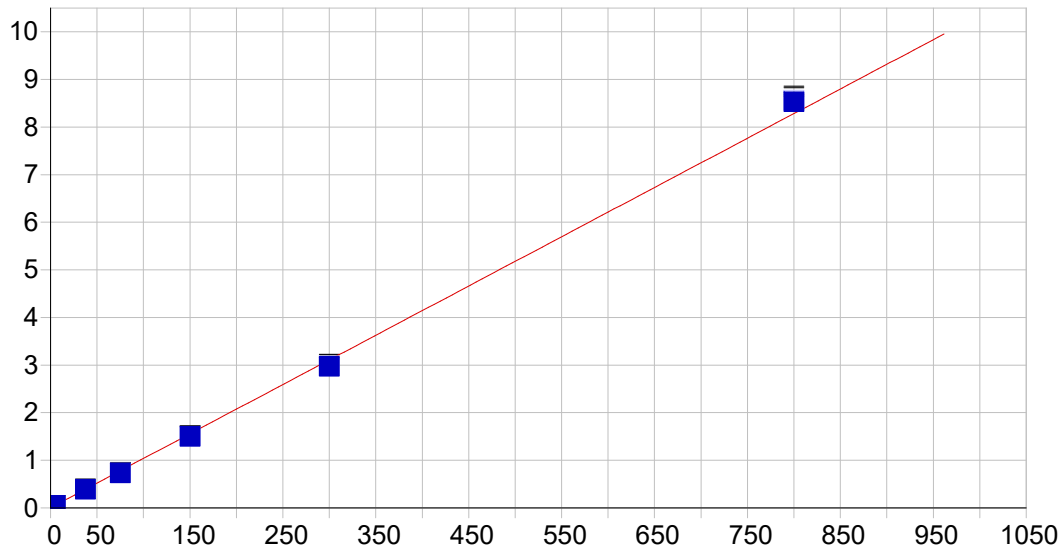


Ag 328.068 {103}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001383	Re-Slope:	1.000000
A1 (Gain):	0.454448	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000045		
Predicted MDL:	0.000510		
Predicted MQL:	0.001700		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00138	.000	1
S1	.01000	.01045	.000	4.47	.00333	.000	1
S2	.31250	.31558	.003	.984	.14110	.001	1
S3	.62500	.60749	-.018	-2.80	.27284	.003	1
S4	1.2500	1.2479	-.002	-.166	.56203	.004	1
S5	2.5000	2.5161	.016	.642	1.1346	.007	1

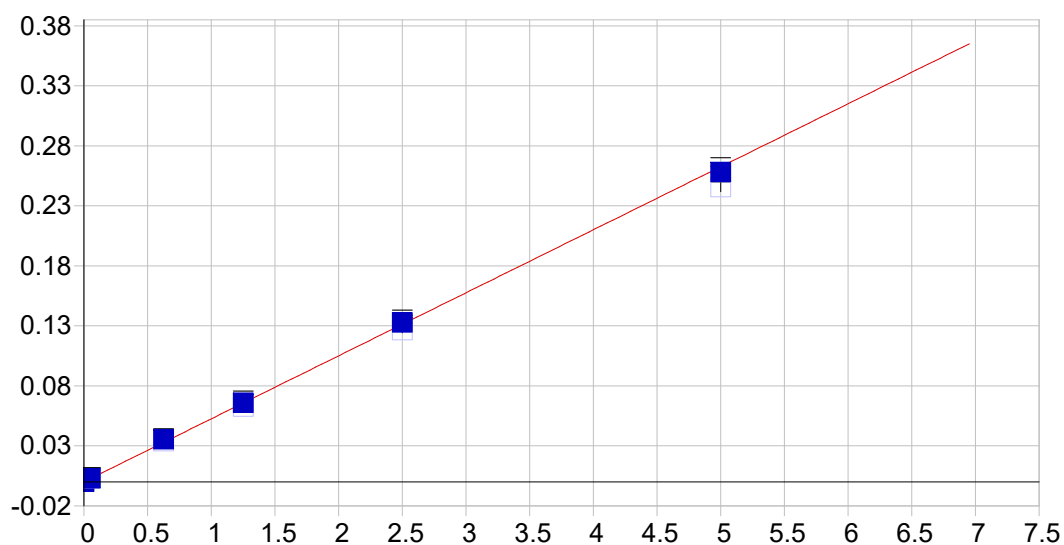


Na 818.326 { 41}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004329 Re-Slope: 1.000000
 A1 (Gain): 0.010349 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999342 Status: OK.
 Std Error of Est: 0.001167
 Predicted MDL: 0.341532
 Predicted MQL: 1.138442

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00108	.001	.000	.00434	.001	1
S1	5.0000	4.5119	-.488	-9.76	.05103	.004	1
S2	37.500	37.313	-.187	-.497	.39219	.001	1
S3	75.000	70.284	-4.72	-6.29	.73511	.013	1
S4	150.00	144.64	-5.36	-3.57	1.5080	.009	1
S5	300.00	286.91	-13.1	-4.36	2.9872	.030	1
S6	800.00	823.84	23.8	2.98	8.5666	.086	1

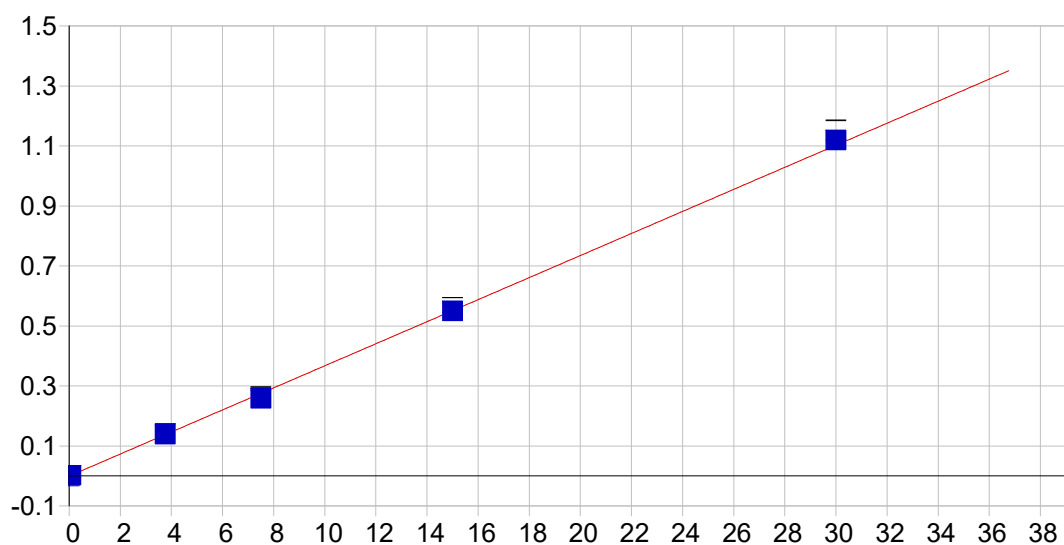


V 292.402 {115}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000069	Re-Slope:	1.000000
A1 (Gain):	0.052500	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999643	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.008782		
Predicted MQL:	0.029272		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00007	.000	1
S1	.05000	.05548	.005	11.0	.00298	.000	1
S2	.62500	.67398	.049	7.84	.03388	.001	1
S3	1.2500	1.2528	.003	.224	.06270	.002	1
S4	2.5000	2.5260	.026	1.04	.12639	.002	1
S5	5.0000	4.9165	-.084	-1.67	.24560	.004	1

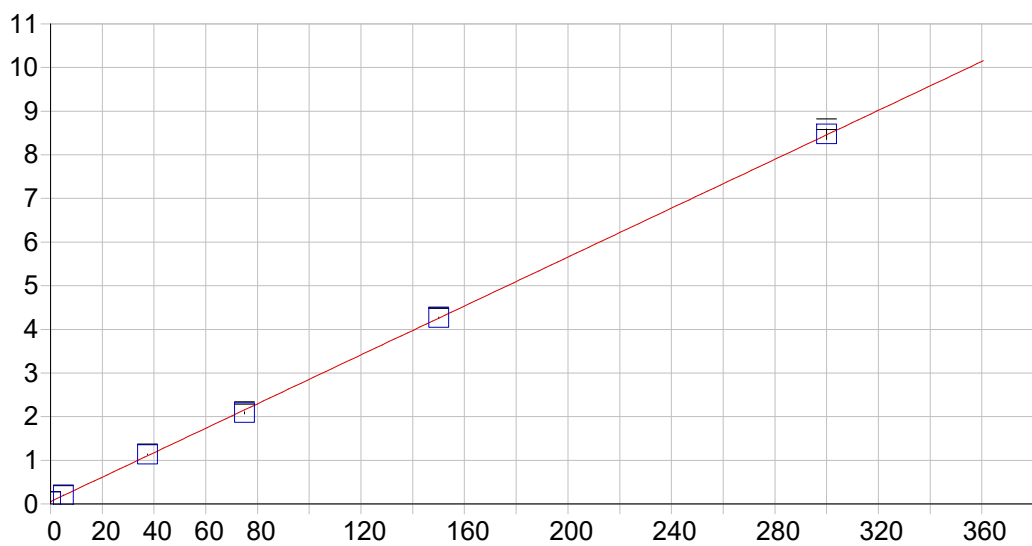


Zn 213.856 {158}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000290 Re-Slope: 1.000000
 A1 (Gain): 0.036751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.013498
 Predicted MQL: 0.044993

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00029	.000	1
S1	.06000	.06561	.006	9.34	.00213	.000	1
S2	3.7500	3.7872	.037	.991	.13912	.002	1
S3	7.5000	7.0260	-.474	-6.32	.25837	.005	1
S4	15.000	14.977	-.023	-.156	.55101	.011	1
S5	30.000	30.455	.455	1.52	1.1207	.032	1

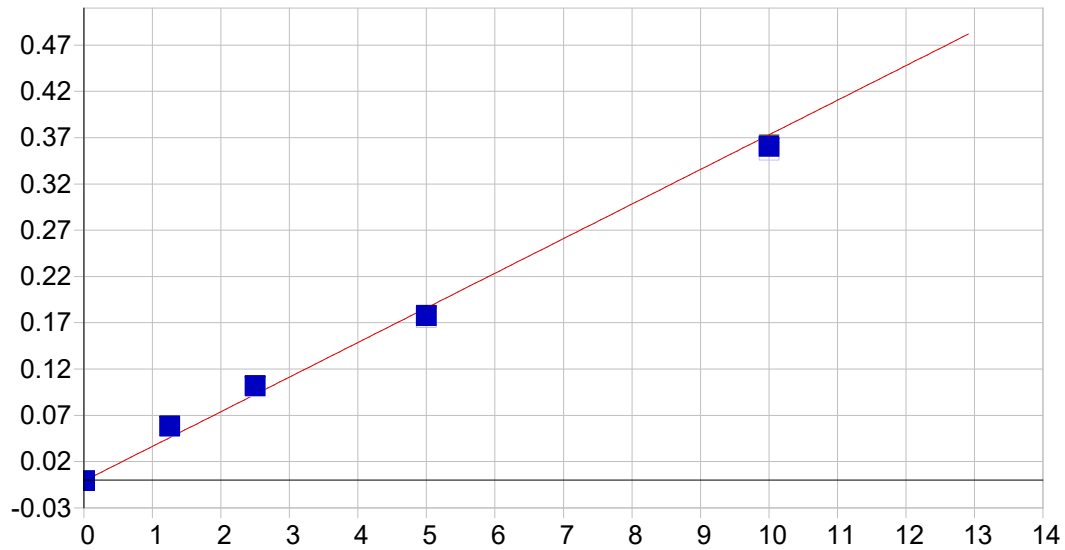


K 769.896 { 44 }

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053362 Re-Slope: 1.000000
 A1 (Gain): 0.028015 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000836
 Predicted MDL: 0.098332
 Predicted MQL: 0.327772

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	.05336	.003	1
S1	5.0000	5.1666	.167	3.33	.19810	.004	1
S2	37.500	38.648	1.15	3.06	1.1361	.004	1
S3	75.000	72.618	-2.38	-3.18	2.0878	.025	1
S4	150.00	150.45	.449	.299	4.2682	.013	1
S5	300.00	300.62	.618	.206	8.4751	.122	1

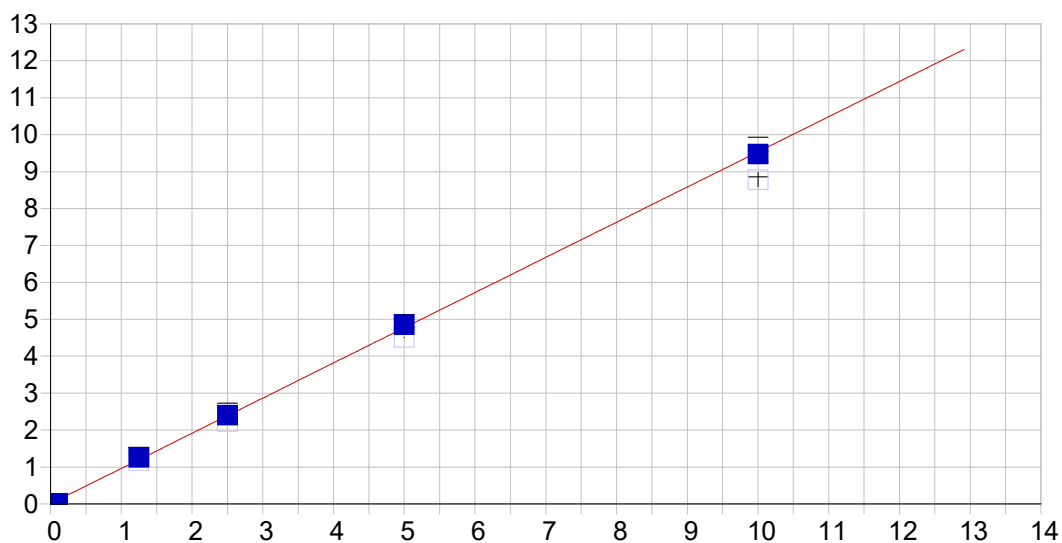


P 177.495 {490}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000876	Re-Slope:	1.000000
A1 (Gain):	0.037391	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996344	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.002972		
Predicted MQL:	0.009906		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00088	.000	1
S1	.01000	.00992	-.000	-.849	-.00051	.000	1
S2	1.2500	1.5832	.333	26.7	.05780	.000	1
S3	2.5000	2.7420	.242	9.68	.10060	.000	1
S4	5.0000	4.7655	-.235	-4.69	.17521	.001	1
S5	10.000	9.6594	-.341	-3.41	.35611	.002	1

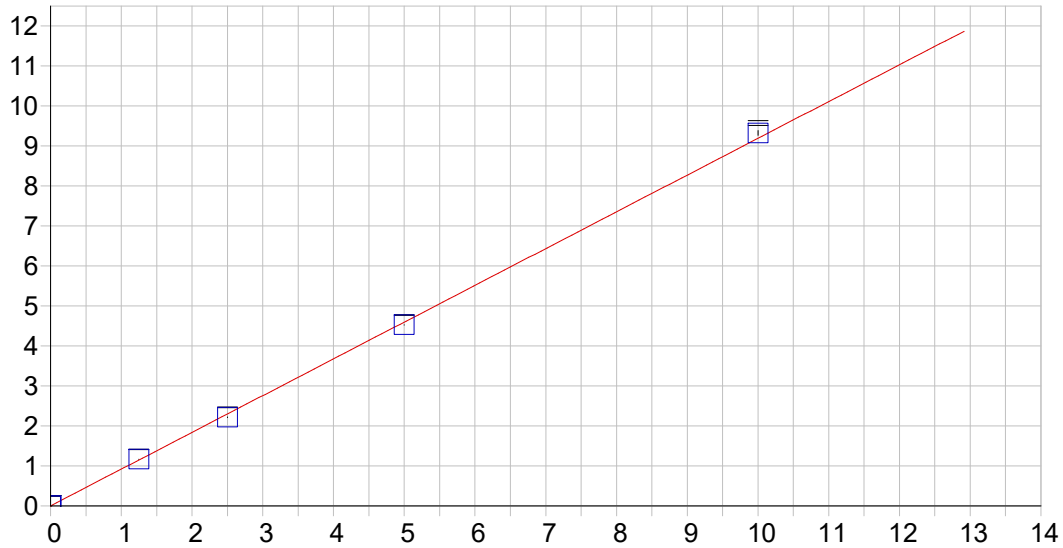


B 249.678 {135}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.008469	Re-Slope:	1.000000
A1 (Gain):	0.952590	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997303	Status:	OK.
Std Error of Est:	0.003456		
Predicted MDL:	0.001039		
Predicted MQL:	0.003465		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00855	.000	1
S1	.10000	.00890	-.091	-91.1	.01675	.000	1
S2	1.2500	1.3092	.059	4.73	1.1692	.009	1
S3	2.5000	2.5151	.015	.604	2.2315	.057	1
S4	5.0000	5.0870	.087	1.74	4.5086	.003	1
S5	10.000	9.9368	-.063	-.632	8.7828	.193	1

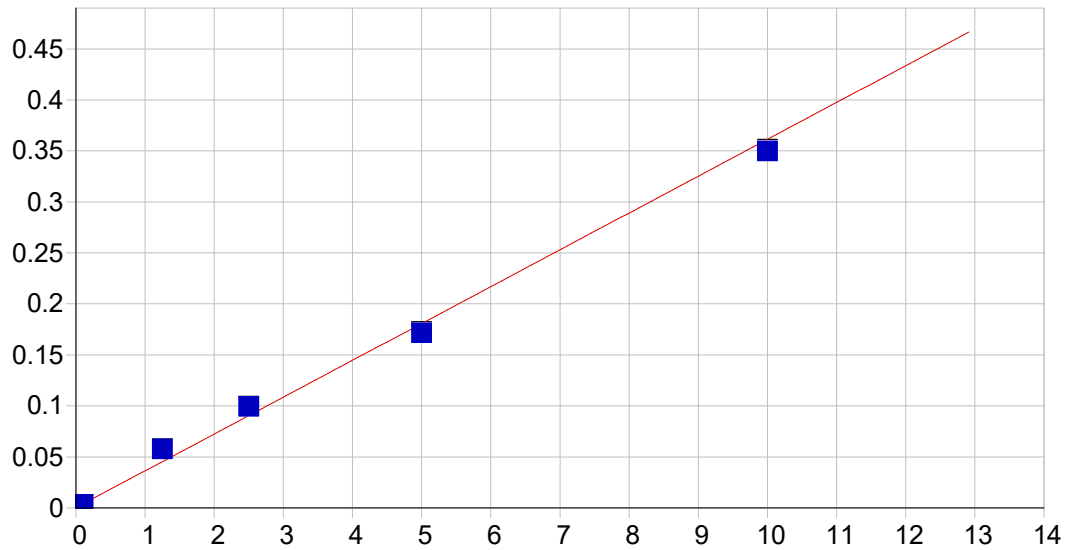


Mo 202.030 {467}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000560	Re-Slope:	1.000000
A1 (Gain):	0.919192	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999820	Status:	OK.
Std Error of Est:	0.000293		
Predicted MDL:	0.000277		
Predicted MQL:	0.000923		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00056	.000	1
S1	.01000	.01057	.001	5.72	.01028	.000	1
S2	1.2500	1.2685	.019	1.48	1.1666	.003	1
S3	2.5000	2.4115	-.089	-3.54	2.2172	.007	1
S4	5.0000	4.9231	-.077	-1.54	4.5259	.003	1
S5	10.000	10.146	.146	1.46	9.3270	.060	1

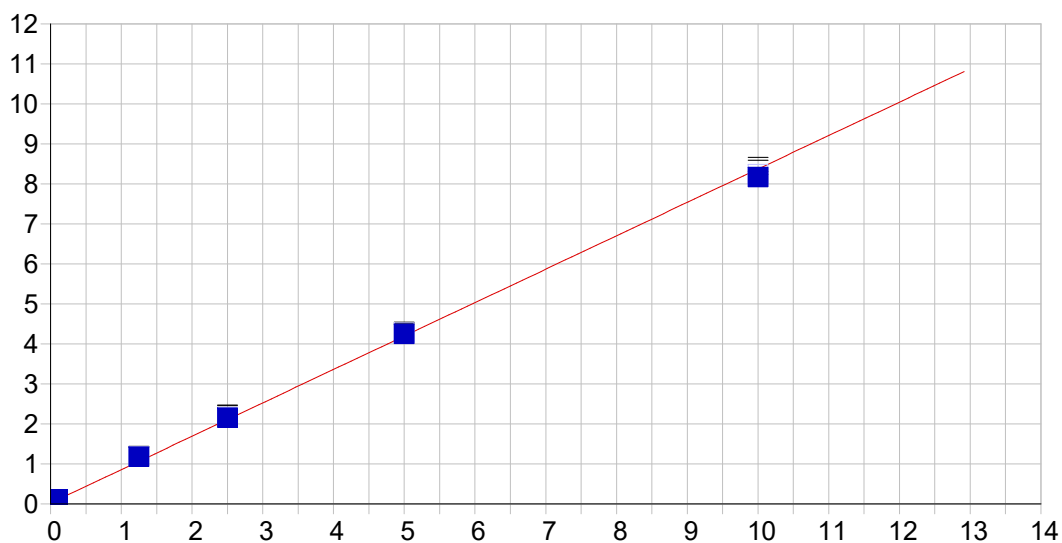


S 182.034 {485}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000243 Re-Slope: 1.000000
 A1 (Gain): 0.036106 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996350 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.003992
 Predicted MQL: 0.013308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00024	.000	1
S1	.10000	.09161	-.008	-8.39	.00355	.000	1
S2	1.2500	1.5883	.338	27.1	.05768	.000	1
S3	2.5000	2.7431	.243	9.73	.09948	.000	1
S4	5.0000	4.7477	-.252	-5.05	.17204	.001	1
S5	10.000	9.6793	-.321	-3.21	.35048	.001	1

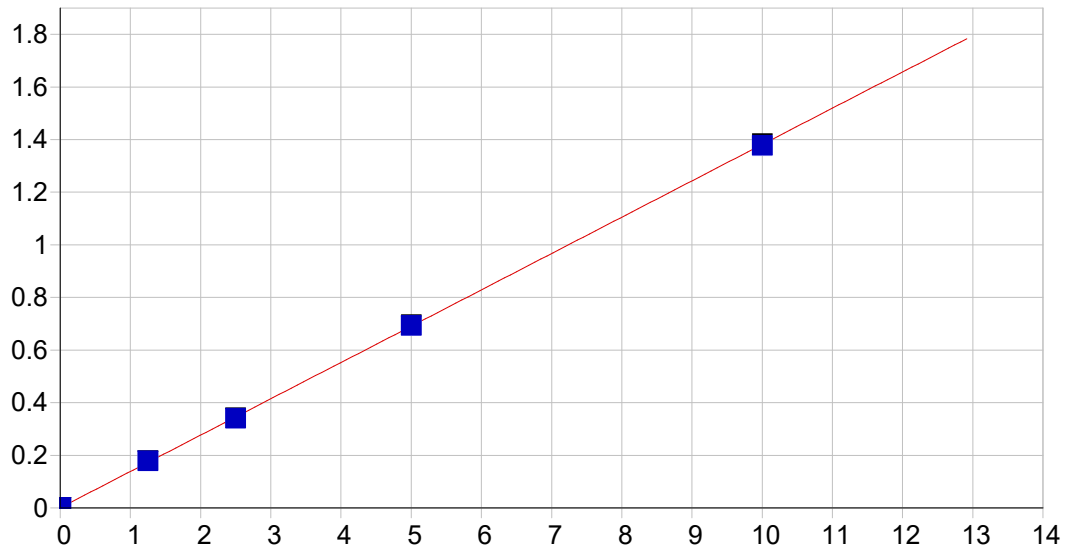


Si 251.611 {134}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020261 Re-Slope: 1.000000
 A1 (Gain): 0.835342 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999428 Status: OK.
 Std Error of Est: 0.001516
 Predicted MDL: 0.001219
 Predicted MQL: 0.004063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.02024	.000	1
S1	.10000	.10836	.008	8.36	.11108	.001	1
S2	1.2500	1.3797	.130	10.4	1.1820	.009	1
S3	2.5000	2.5504	.050	2.02	2.1692	.054	1
S4	5.0000	5.0589	.059	1.18	4.2831	.012	1
S5	10.000	9.7527	-.247	-2.47	8.2410	.175	1

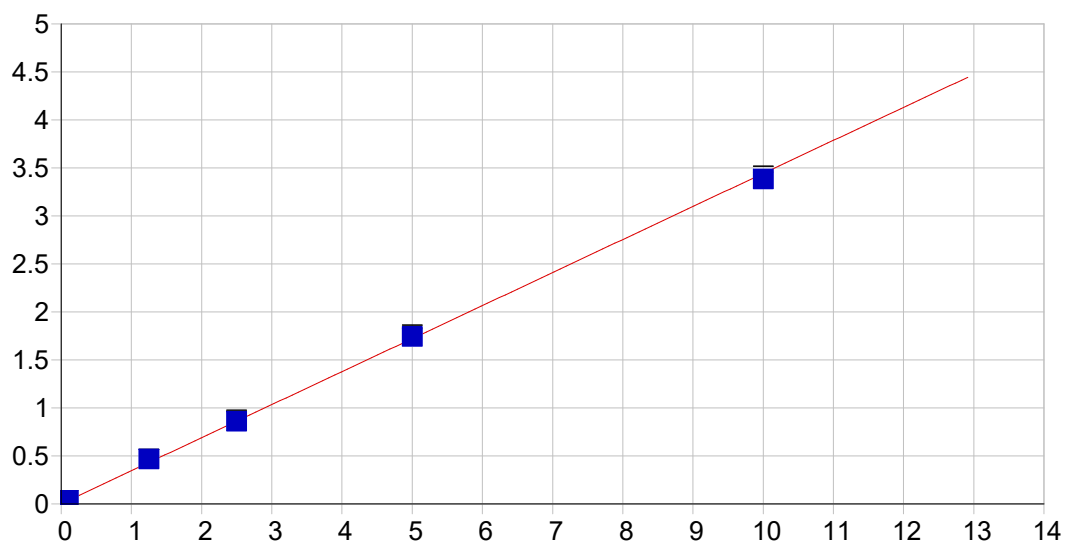


Sn 189.989 {478}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000440	Re-Slope:	1.000000
A1 (Gain):	0.138075	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999932	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.001049		
Predicted MQL:	0.003498		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.00700	.00476	-.002	-32.1	.00107	.000	1
S2	1.2500	1.2886	.039	3.09	.17801	.000	1
S3	2.5000	2.4644	-.036	-1.42	.34000	.001	1
S4	5.0000	5.0189	.019	.378	.69200	.003	1
S5	10.000	9.9802	-.020	-.198	1.3756	.006	1

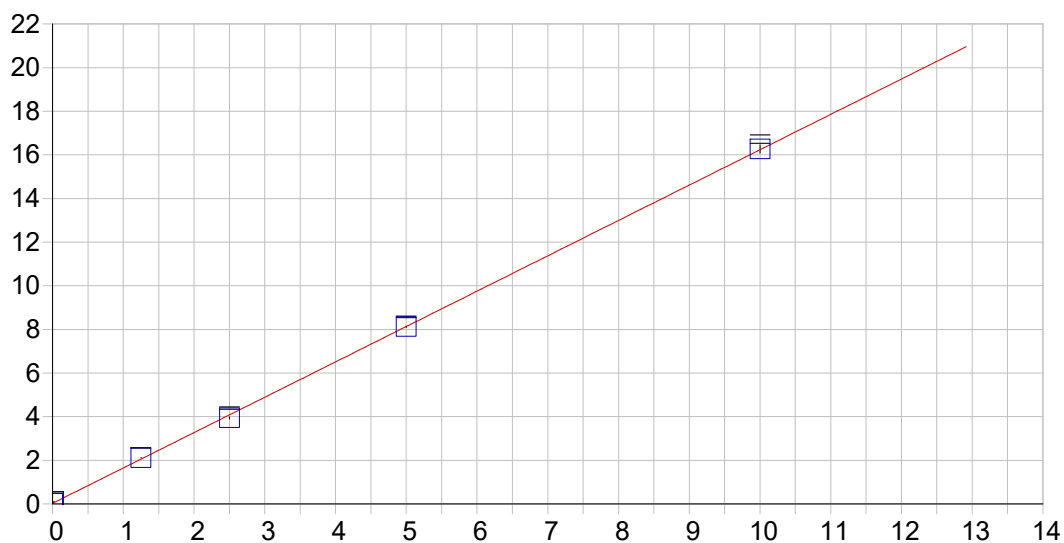


Ti 336.121 {100}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001547	Re-Slope:	1.000000
A1 (Gain):	0.344056	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999654	Status:	OK.
Std Error of Est:	0.000481		
Predicted MDL:	0.002562		
Predicted MQL:	0.008539		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00154	.001	1
S1	.10000	.11315	.013	13.1	.04047	.000	1
S2	1.2500	1.3487	.099	7.89	.46542	.002	1
S3	2.5000	2.4968	-.003	-.127	.86030	.013	1
S4	5.0000	5.0592	.059	1.18	1.7416	.017	1
S5	10.000	9.8322	-.168	-1.68	3.3832	.031	1

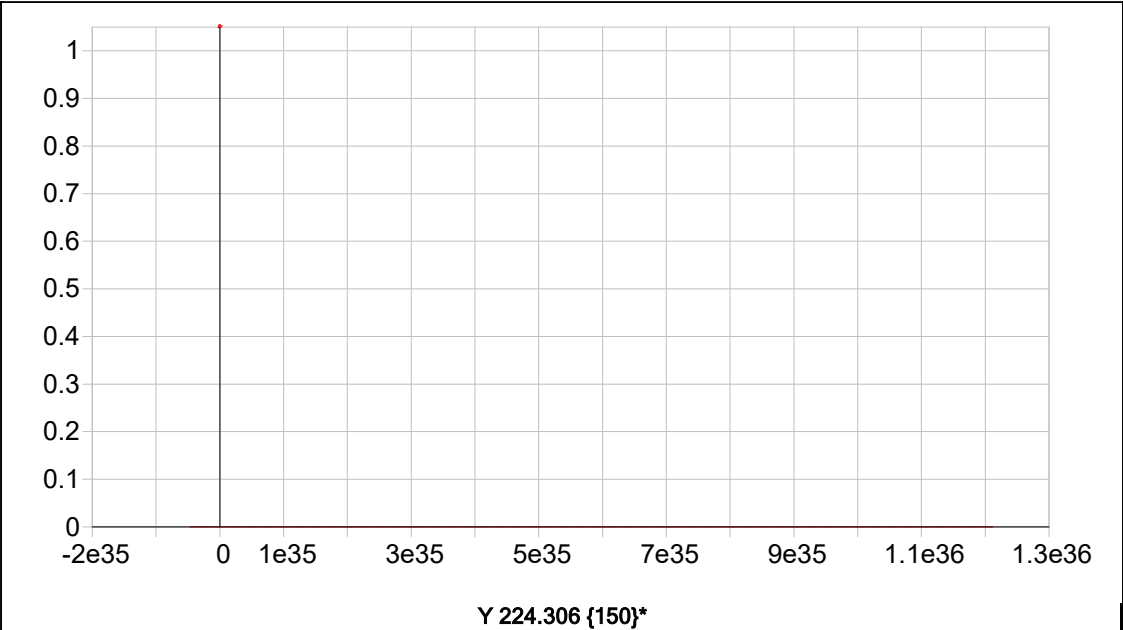


Li 670.784 { 50}

Date of Fit: 02/18/2019 17:49:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027045 Re-Slope: 1.000000
 A1 (Gain): 1.620821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997718 Status: OK.
 Std Error of Est: 0.002253
 Predicted MDL: 0.002163
 Predicted MQL: 0.007211

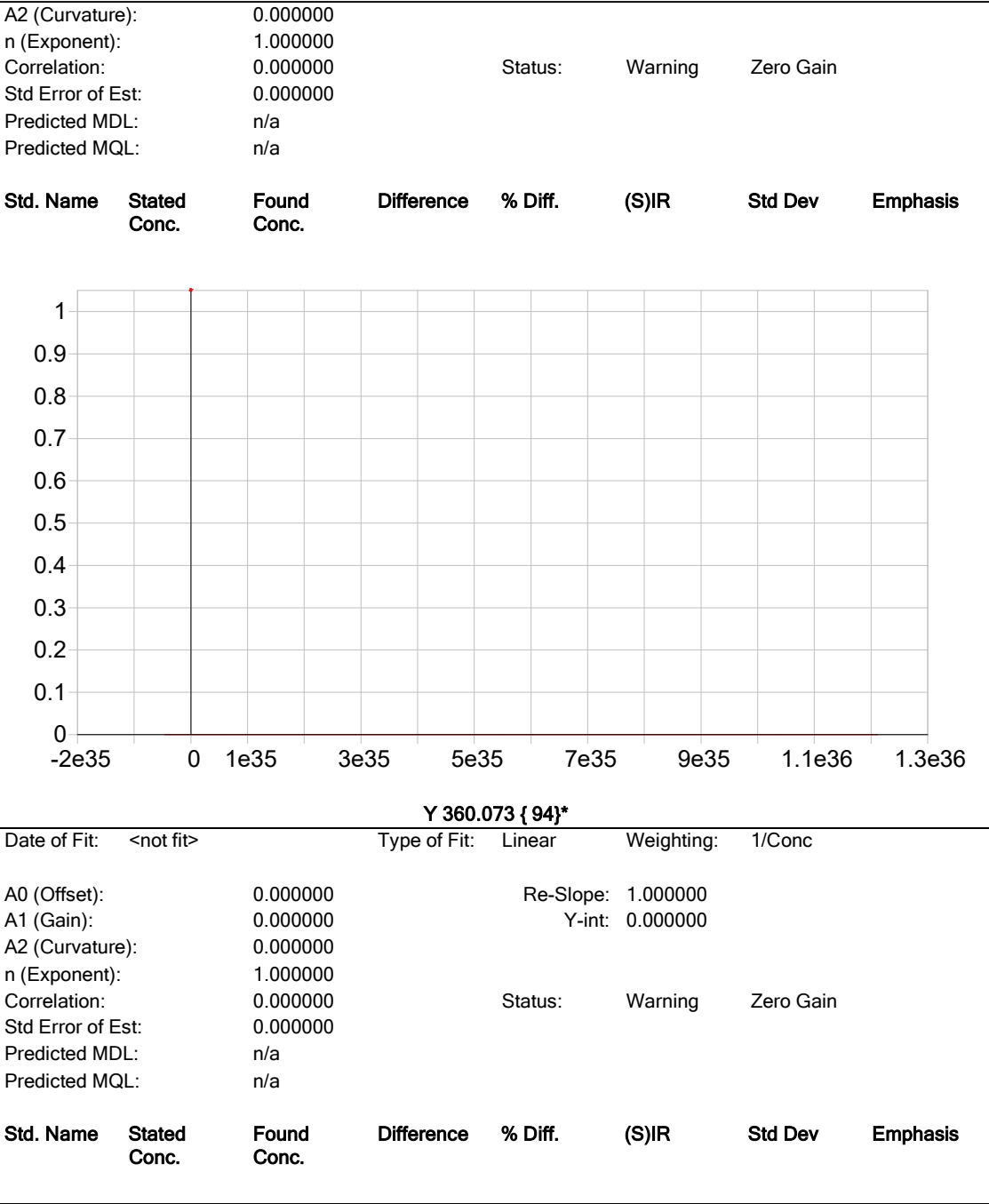
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.02699	.005	1
S5	10.000	10.018	.018	.181	16.265	.190	1
S4	5.0000	4.9969	-.003	-.062	8.1261	.036	1
S3	2.5000	2.4159	-.084	-3.37	3.9427	.048	1
S2	1.2500	1.2840	.034	2.72	2.1082	.002	1
S1	.01500	.05009	.035	234.	.10822	.002	1

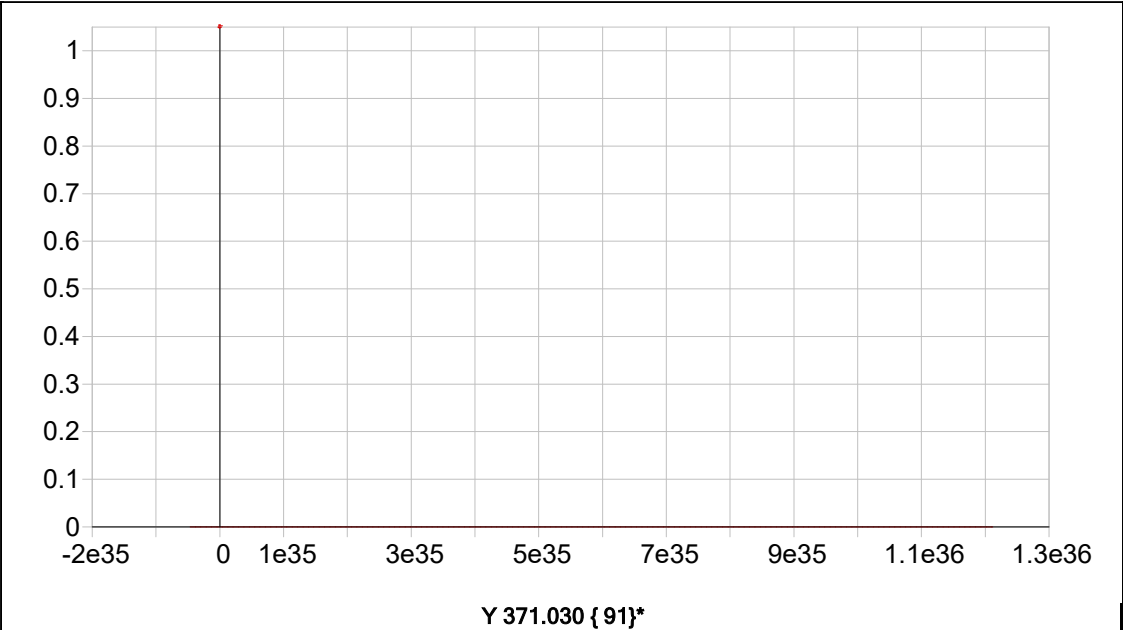


Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Y 224.306 {450}*							

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		

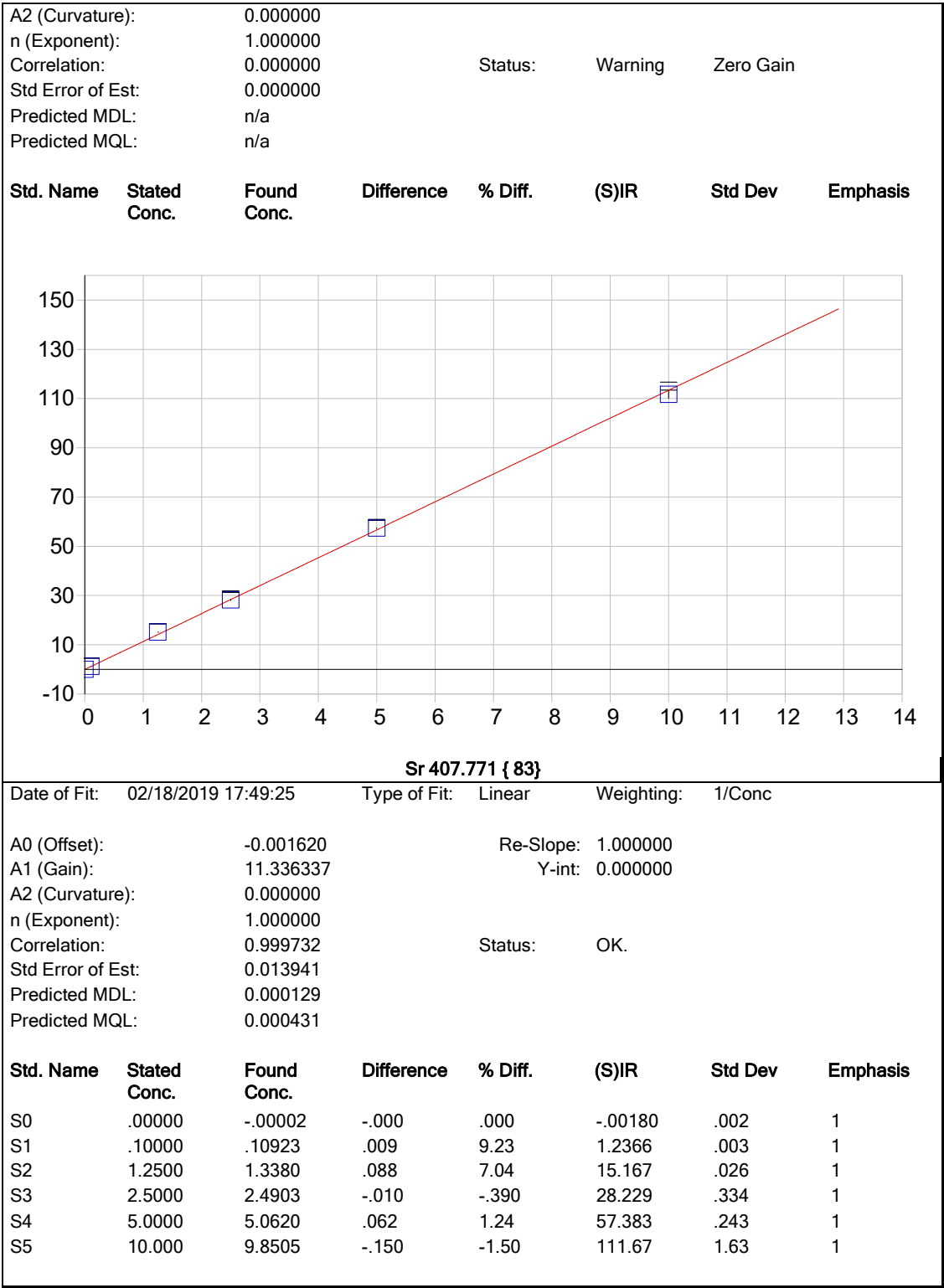




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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: 02/18/2019 9:56:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	-.00015	-.00042	-.00052	.00020	.00042	.00575	.02335	-.00410
Stddev	.00014	.00011	.00029	.00019	.00018	.00099	.00052	.00037
%RSD	91.238	26.356	56.456	99.443	41.810	17.194	2.2077	8.9294
#1	-.00013	-.00042	-.00039	.00011	.00025	.00677	.02394	-.00386
#2	-.00030	-.00031	-.00086	.00006	.00060	.00480	.02302	-.00452
#3	-.00003	-.00053	-.00031	.00042	.00043	.00568	.02308	-.00393
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	-.00036	.00386	.00008	.00036	.00127	.00044	-.00031	-.00006
Stddev	.00026	.00100	.00009	.00007	.00023	.00009	.00005	.00054
%RSD	71.456	25.997	111.04	19.008	17.761	20.109	15.667	905.16
#1	-.00023	.00325	.00002	.00034	.00129	.00054	-.00031	.00057
#2	-.00019	.00502	.00018	.00043	.00103	.00037	-.00036	-.00039
#3	-.00065	.00331	.00004	.00030	.00148	.00041	-.00026	-.00035
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	-.00147	-.00138	.00434	.00007	-.00029	.05336	-.00088	.00855
Stddev	.00016	.00001	.00110	.00018	.00029	.00275	.00001	.00032
%RSD	10.764	.88286	25.342	267.92	101.12	5.1509	1.3824	3.7699
#1	-.00134	-.00137	.00532	.00026	-.00018	.05348	-.00089	.00818
#2	-.00142	-.00138	.00315	-.00010	-.00007	.05055	-.00087	.00874
#3	-.00165	-.00140	.00454	.00005	-.00062	.05604	-.00087	.00873
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	.00056	.00024	.02024	.00044	.00154	.02699	-.00180	
Stddev	.00009	.00010	.00016	.00007	.00071	.00470	.00151	
%RSD	15.863	39.968	.79563	16.306	46.096	17.413	84.126	
#1	.00060	.00033	.02043	.00036	.00077	.02157	-.00322	
#2	.00046	.00014	.02018	.00050	.00167	.02937	-.00021	
#3	.00062	.00027	.02013	.00047	.00218	.03002	-.00196	

Sample Name: S0 Acquired: 02/18/2019 9:56:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1705.8	2508.1	27449.	3224.8	3092.6
Stddev	9.5	8.8	163.	16.9	9.9
%RSD	.55748	.34979	.59256	.52292	.32156
#1	1697.3	2504.3	27340.	3228.4	3083.7
#2	1704.1	2518.1	27371.	3206.4	3103.4
#3	1716.0	2501.9	27636.	3239.6	3090.8

Sample Name: S1 Acquired: 02/18/2019 10:00:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.00022	.00123	.00220	.00335	.00764	.02494	.74923	.06951
Stddev	.00019	.00009	.00018	.00024	.00028	.00156	.00349	.00167
%RSD	83.667	7.0244	8.2301	7.1195	3.6995	6.2463	.46639	2.4012

#1	.00015	.00131	.00200	.00362	.00759	.02370	.74657	.07102
#2	.00043	.00113	.00235	.00325	.00794	.02668	.74793	.06772
#3	.00008	.00124	.00224	.00317	.00738	.02442	.75319	.06978

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	.01856	.25839	.00230	.05268	.00472	.00204	.00319	.02995
Stddev	.00019	.00262	.00003	.00040	.00029	.00024	.00007	.00044
%RSD	1.0075	1.0140	1.3591	.75146	6.1759	11.974	2.0895	1.4527

#1	.01845	.26005	.00227	.05273	.00467	.00177	.00318	.02945
#2	.01845	.25974	.00234	.05226	.00504	.00210	.00313	.03022
#3	.01877	.25537	.00230	.05305	.00446	.00225	.00326	.03018

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	.02312	.00333	.05103	.00298	.00213	.19810	-.00051	.01675
Stddev	.00013	.00005	.00419	.00036	.00049	.00393	.00005	.00013
%RSD	.56217	1.3770	8.2201	11.989	23.086	1.9829	9.1295	.77494

#1	.02308	.00329	.04957	.00332	.00229	.19357	-.00054	.01686
#2	.02302	.00331	.04775	.00300	.00158	.20046	-.00045	.01679
#3	.02327	.00338	.05575	.00261	.00252	.20029	-.00053	.01661

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	.01028	.00355	.11108	.00107	.04047	.10822	1.2366	
Stddev	.00019	.00012	.00061	.00010	.00025	.00158	.0031	
%RSD	1.8520	3.2673	.55031	9.3523	.60681	1.4581	.25345	

#1	.01046	.00344	.11110	.00101	.04025	.10642	1.2330	
#2	.01008	.00367	.11168	.00118	.04073	.10935	1.2381	
#3	.01029	.00354	.11046	.00101	.04041	.10890	1.2388	

Sample Name: S1 Acquired: 02/18/2019 10:00:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1736.0	2485.5	27499.	3240.2	3113.9
Stddev	5.8	3.3	148.	4.5	7.9
%RSD	.33439	.13159	.53849	.13944	.25343
#1	1742.7	2487.1	27595.	3242.8	3114.2
#2	1732.8	2487.7	27575.	3235.0	3121.6
#3	1732.5	2481.8	27329.	3242.9	3105.8

Sample Name: S2 Acquired: 02/18/2019 10:04:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.06198	.08496	1.6139	.10306	.15033	3.8159	8.7341	1.7963
Stddev	.00011	.00011	.0036	.00016	.00036	.0068	.0187	.0190
%RSD	.17037	.12740	.22397	.15472	.24070	.17819	.21383	1.0591

#1	.06186	.08484	1.6173	.10312	.14993	3.8117	8.7553	1.7922
#2	.06203	.08499	1.6101	.10317	.15041	3.8237	8.7202	1.8170
#3	.06205	.08505	1.6144	.10288	.15064	3.8123	8.7267	1.7796

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2909	3.0737	.82029	.65326	.46119	.52462	.79356	.36881
Stddev	.0053	.0171	.00244	.00292	.00241	.00342	.00554	.00192
%RSD	.22937	.55507	.29704	.44707	.52172	.65105	.69837	.52144

#1	2.2962	3.0671	.81804	.65621	.46342	.52077	.79365	.36661
#2	2.2857	3.0931	.81997	.65036	.45864	.52730	.79906	.37015
#3	2.2908	3.0610	.82288	.65321	.46151	.52578	.78797	.36967

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	.36629	.14110	.39219	.03388	.13912	1.1361	.05780	1.1692
Stddev	.00089	.00120	.00133	.00063	.00236	.0043	.00029	.0086
%RSD	.24355	.85010	.33805	1.8603	1.6934	.37759	.50908	.73362

#1	.36719	.14014	.39088	.03399	.13756	1.1392	.05792	1.1689
#2	.36541	.14072	.39353	.03445	.13796	1.1312	.05746	1.1778
#3	.36626	.14245	.39217	.03320	.14183	1.1378	.05801	1.1607

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	1.1666	.05768	1.1820	.17801	.46542	2.1082	15.167
Stddev	.0030	.00045	.0087	.00023	.00201	.0018	.026
%RSD	.25340	.77518	.73727	.12946	.43285	.08717	.17407

#1	1.1637	.05809	1.1830	.17774	.46555	2.1066	15.195
#2	1.1663	.05720	1.1901	.17817	.46334	2.1079	15.143
#3	1.1696	.05777	1.1728	.17810	.46737	2.1102	15.161

Sample Name: S2 Acquired: 02/18/2019 10:04:17 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	1645.2	2338.2	26782.	3194.8	2882.2
Stddev	3.2	19.2	196.	19.5	27.2
%RSD	.19529	.82302	.73288	.61178	.94210
#1	1643.6	2324.1	26944.	3190.6	2857.4
#2	1648.9	2330.4	26838.	3177.7	2877.9
#3	1643.1	2360.1	26564.	3216.1	2911.2

Sample Name: S3 Acquired: 02/18/2019 10:08:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.11812	.15879	3.0590	.19349	.28594	7.1599	16.359	3.3675
Stddev	.00040	.00057	.0152	.00022	.00073	.1068	.206	.0811
%RSD	.33665	.35945	.49694	.11125	.25627	1.4909	1.2594	2.4082

#1	.11796	.15893	3.0515	.19368	.28537	7.0381	16.127	3.2763
#2	.11783	.15817	3.0490	.19326	.28568	7.2373	16.428	3.4315
#3	.11857	.15929	3.0765	.19352	.28677	7.2042	16.522	3.3948

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	4.3146	5.6823	1.5183	1.2374	.85247	.97244	1.4656	.69082
Stddev	.0228	.1044	.0061	.0052	.01221	.01637	.0233	.01129
%RSD	.52795	1.8380	.40275	.42203	1.4329	1.6831	1.5893	1.6344

#1	4.3010	5.5617	1.5122	1.2341	.83837	.95355	1.4389	.67785
#2	4.3018	5.7426	1.5245	1.2347	.85969	.98142	1.4817	.69844
#3	4.3409	5.7427	1.5184	1.2434	.85936	.98234	1.4763	.69618

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	.69100	.27284	.73511	.06270	.25837	2.0878	.10060	2.2315
Stddev	.00361	.00265	.01327	.00169	.00493	.0253	.00030	.0571
%RSD	.52174	.97021	1.8046	2.6989	1.9090	1.2108	.29980	2.5575

#1	.68906	.27098	.71982	.06075	.26361	2.0586	.10076	2.1659
#2	.68878	.27587	.74354	.06379	.25382	2.1033	.10026	2.2698
#3	.69516	.27165	.74196	.06355	.25769	2.1014	.10080	2.2587

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	2.2172	.09948	2.1692	.34000	.86030	3.9427	28.229
Stddev	.0071	.00028	.0541	.00149	.01320	.0482	.334
%RSD	.32038	.27776	2.4915	.43966	1.5341	1.2228	1.1838

#1	2.2092	.09939	2.1070	.33963	.84510	3.8871	27.843
#2	2.2195	.09925	2.1962	.33873	.86700	3.9696	28.416
#3	2.2228	.09979	2.2045	.34164	.86881	3.9715	28.427

Sample Name: S3 Acquired: 02/18/2019 10:08:10 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	1691.7	2340.1	27569.	3321.1	2855.7
Stddev	23.0	8.1	89.	55.5	9.1
%RSD	1.3574	.34707	.32327	1.6714	.31902
#1	1670.8	2349.3	27513.	3385.2	2864.0
#2	1716.3	2333.9	27521.	3287.9	2857.2
#3	1687.9	2337.0	27671.	3290.2	2846.0

Sample Name: S4 Acquired: 02/18/2019 10:12:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.24405	.31699	6.2578	.38548	.58557	14.766	33.448	6.7060
Stddev	.00062	.00250	.0213	.00049	.00190	.081	.111	.0117
%RSD	.25234	.78729	.34022	.12685	.32488	.54885	.33319	.17514

#1	.24340	.31413	6.2393	.38564	.58558	14.830	33.468	6.7129
#2	.24412	.31812	6.2529	.38587	.58747	14.793	33.548	6.6925
#3	.24462	.31872	6.2811	.38493	.58366	14.675	33.328	6.7127

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	8.6925	11.646	3.0007	2.5165	1.7222	1.9570	2.9512	1.4261
Stddev	.0294	.120	.0074	.0095	.0114	.0180	.0379	.0145
%RSD	.33781	1.0324	.24575	.37550	.66362	.92102	1.2833	1.0178

#1	8.6734	11.736	2.9976	2.5096	1.7222	1.9683	2.9762	1.4344
#2	8.6778	11.692	3.0092	2.5125	1.7336	1.9666	2.9699	1.4347
#3	8.7263	11.509	2.9955	2.5272	1.7108	1.9363	2.9077	1.4094

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	1.3982	.56203	1.5080	.12639	.55101	4.2682	.17521	4.5086
Stddev	.0052	.00405	.0095	.00220	.01081	.0131	.00065	.0026
%RSD	.37063	.72024	.62943	1.7412	1.9617	.30668	.36889	.05725

#1	1.3924	.56647	1.5177	.12598	.54455	4.2729	.17465	4.5066
#2	1.3998	.55854	1.5077	.12877	.56349	4.2783	.17507	4.5115
#3	1.4023	.56108	1.4987	.12443	.54499	4.2534	.17592	4.5076

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	4.5259	.17204	4.2831	.69200	1.7416	8.1261	57.383
Stddev	.0027	.00096	.0120	.00266	.0173	.0365	.243
%RSD	.06066	.55978	.27988	.38430	.99500	.44872	.42286

#1	4.5231	.17133	4.2743	.68906	1.7502	8.1604	57.316
#2	4.5286	.17165	4.2967	.69268	1.7529	8.1301	57.652
#3	4.5259	.17314	4.2783	.69425	1.7216	8.0878	57.182

Sample Name: S4 Acquired: 02/18/2019 10:12:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	1532.4	2159.0	26262.	3178.9	2618.6
Stddev	12.6	6.1	90.	6.1	14.3
%RSD	.82114	.28069	.34193	.19317	.54649
#1	1546.6	2166.0	26171.	3183.9	2633.5
#2	1522.6	2155.1	26267.	3172.1	2617.4
#3	1527.9	2155.9	26350.	3180.7	2605.0

Sample Name: S5 Acquired: 02/18/2019 10:15:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.50272	.60558	12.310	.76677	1.2269	29.631	65.315	12.935
Stddev	.00186	.00333	.059	.00509	.0075	.337	1.167	.294
%RSD	.37050	.54957	.47986	.66431	.61193	1.1368	1.7871	2.2758

#1	.50187	.60381	12.263	.76299	1.2219	29.754	65.057	12.683
#2	.50144	.60352	12.291	.76476	1.2234	29.250	64.298	12.864
#3	.50486	.60942	12.376	.77256	1.2356	29.890	66.590	13.259

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	16.952	22.782	5.7212	4.9375	3.3685	3.7802	5.6837	2.8385
Stddev	.088	.204	.0333	.0265	.0371	.0613	.0844	.0428
%RSD	.51862	.89617	.58224	.53641	1.1010	1.6207	1.4847	1.5096

#1	16.875	22.956	5.6833	4.9189	3.3534	3.8429	5.7752	2.8815
#2	16.933	22.557	5.7342	4.9257	3.3414	3.7205	5.6089	2.7958
#3	17.047	22.833	5.7460	4.9678	3.4108	3.7772	5.6671	2.8381

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7184	1.1346	2.9872	.24560	1.1207	8.4751	.35611	8.7828
Stddev	.0154	.0069	.0304	.00366	.0322	.1224	.00178	.1928
%RSD	.56517	.61177	1.0188	1.4903	2.8732	1.4441	.49948	2.1954

#1	2.7061	1.1275	3.0006	.24889	1.1575	8.3861	.35549	8.6117
#2	2.7135	1.1413	2.9524	.24166	1.1071	8.4246	.35472	8.7449
#3	2.7356	1.1351	3.0087	.24625	1.0976	8.6147	.35811	8.9917

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	9.3270	.35048	8.2410	1.3756	3.3832	16.265	111.67
Stddev	.0602	.00119	.1752	.0063	.0313	.190	1.63
%RSD	.64563	.33924	2.1256	.46020	.92417	1.1706	1.4615

#1	9.2834	.34954	8.0998	1.3705	3.4031	16.254	110.68
#2	9.3019	.35009	8.1862	1.3736	3.3471	16.080	110.77
#3	9.3957	.35182	8.4370	1.3827	3.3993	16.460	113.55

Sample Name: S5 Acquired: 02/18/2019 10:15:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.4	1942.1	25578.	3133.0	2418.1
Stddev	13.8	13.1	78.	60.3	11.6
%RSD	.96391	.67668	.30597	1.9234	.47826
#1	1419.7	1948.3	25666.	3179.5	2422.9
#2	1445.1	1951.1	25516.	3154.7	2426.4
#3	1423.2	1927.0	25552.	3064.9	2404.9

Sample Name: S6 Acquired: 02/18/2019 10:19:37 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	84.583	39.003	10.456	5.0480	8.5666
Stddev	.544	.380	.094	.0436	.0855
%RSD	.64342	.97322	.89437	.86391	.99830

#1	84.927	39.239	10.526	5.0660	8.6175
#2	83.955	38.566	10.350	4.9983	8.4678
#3	84.866	39.206	10.493	5.0798	8.6144

Int. Std.	Y_3710
Units	Cts/S
Avg	3068.9
Stddev	37.0
%RSD	1.2045

#1	3033.4
#2	3107.2
#3	3066.1

Sample Name: ICV Acquired: 02/18/2019 10:34:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9943579	1.100488	.9538736	1.088252	1.090442	2.361736
Stddev	.0054677	.005997	.0068520	.004945	.004900	.025699
%RSD	.5498764	.5449546	.7183327	.4543969	.4493561	1.088156

#1	.9880716	1.097890	.9490660	1.088082	1.086600	2.360060
#2	.9980086	1.096229	.9508355	1.083394	1.088766	2.388233
#3	.9969936	1.107347	.9617194	1.093280	1.095960	2.336916

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5150399	.5105899	.5178469	10.26343	.5116467	.5047831
Stddev	.0010015	.0096730	.0015694	.12808	.0016057	.0020968
%RSD	.1944468	1.894477	.3030556	1.247943	.3138379	.4153817

#1	.5144354	.5182831	.5173227	10.16814	.5134570	.5042709
#2	.5161959	.5137561	.5166068	10.40903	.5103946	.5029899
#3	.5144884	.4997306	.5196113	10.21311	.5110884	.5070885

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5237194	4.607836	.5361324	6.007904	.5196629	.4845106
Stddev	.0031523	.061741	.0054510	.155223	.0009205	.0031247
%RSD	.6019095	1.339924	1.016733	2.583645	.1771292	.6449133

#1	.5229264	4.571259	.5327998	5.840497	.5194126	.4870502
#2	.5271925	4.679120	.5424230	6.147062	.5188936	.4854603
#3	.5210393	4.573127	.5331744	6.036154	.5206827	.4810212

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.558706	.5371015	.9860757	9.617597	F .0000524	F .0035336
Stddev	.287172	.0111955	.0395165	.064384	.0007352	.0001497
%RSD	3.004294	2.084437	4.007455	.6694447	1402.290	4.237528

#1	9.235965	.5272499	.9489981	9.652791	.0008041	.0034670
#2	9.654152	.5492764	1.027647	9.656714	-.000665	.0037050
#3	9.786002	.5347780	.981582	9.543287	.000018	.0034287

Sample Name: ICV Acquired: 02/18/2019 10:34:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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 -.000092	F .0071360	F -.006742	F -.001165	F -.001480	F -.001799
Stddev	.000100	.0030436	.000706	.000891	.000391	.004239
%RSD	108.1647	42.65078	10.47578	76.44439	26.43414	235.6146
#1	-.000125	.0041574	-.006005	-.000377	-.001286	-.004577
#2	.000020	.0102406	-.006807	-.000987	-.001224	-.003900
#3	-.000172	.0070100	-.007413	-.002131	-.001930	.003080

Elem	Sr4077
Units	ppm
Avg	F .0119892
Stddev	.0000476
%RSD	.3974749
#1	.0120081
#2	.0120245
#3	.0119350

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.271	2339.724	27085.84	3302.192	3062.709
Stddev	17.228	4.536	48.89	37.032	7.379
%RSD	.9922300	.1938651	.1805031	1.121440	.2409180
#1	1756.078	2341.787	27141.84	3281.225	3057.561
#2	1727.963	2342.861	27064.06	3280.400	3071.162
#3	1724.771	2334.523	27051.63	3344.950	3059.403

Sample Name: ICB Acquired: 02/18/2019 10:58:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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	-.001913	-.002062	.0007084	-.000600	-.000173	-.009627	-.002393
Stddev	.001639	.001703	.0001421	.001853	.000592	.012477	.002041
%RSD	85.66671	82.56799	20.05474	309.0359	341.6331	129.6031	85.30171

#1	-.003221	-.001411	.0006147	-.002517	.000391	-.021438	-.003503
#2	-.000075	-.003994	.0008719	.001182	-.000122	.003424	-.003639
#3	-.002444	-.000781	.0006386	-.000465	-.000790	-.010868	-.000037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001112	.0000211	-.006967	-.000502	.0000338	.0028220	-.000932
Stddev	.0000258	.0000871	.027310	.000260	.0001565	.0068249	.002362
%RSD	23.20260	411.4957	391.9579	51.74715	462.5760	241.8505	253.4392

#1	.0001346	.0000403	.014657	-.000208	.0002014	-.003473	-.002294
#2	.0001154	.0000971	-.037657	-.000701	.0000087	.010076	-.002298
#3	.0000836	-.000074	.002098	-.000597	-.000109	.001863	.001796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017040	.0339350	-.000076	.0001496	-.640589	-.002842	.0084770
Stddev	.0014742	.0471273	.000408	.0002514	.262566	.003840	.0150276
%RSD	86.51198	138.8752	535.6355	168.0645	40.98825	135.1121	177.2747

#1	.0000018	.0676901	.000128	.0000048	-.455525	-.004955	-.003324
#2	.0025530	-.019908	.000190	.0000041	-.525143	-.005162	.025395
#3	.0025572	.054023	-.000547	.0004399	-.941098	.001590	.003361

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.268857	-.002729	-.005429	.0001003	.0000324	-.009882	-.001561
Stddev	.028199	.001183	.000938	.0002331	.0014350	.001072	.000140
%RSD	10.48854	43.36778	17.28392	232.4167	4424.664	10.84667	8.982395

#1	-.238548	-.001365	-.006021	.0000682	.0016634	-.009609	-.001540
#2	-.294317	-.003480	-.004347	.0003478	-.000530	-.011064	-.001432
#3	-.273707	-.003342	-.005918	-.000115	-.001036	-.008973	-.001710

Sample Name: ICB Acquired: 02/18/2019 10:58:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001713	-.002428	.0000890
Stddev	.002413	.001166	.0000851
%RSD	140.8621	48.00945	95.67773

#1	.000743	-.001600	.0001830
#2	-.004081	-.003761	.0000171
#3	-.001802	-.001923	.0000669

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.793	2288.616	26968.04	3291.425	3036.487
Stddev	25.518	13.978	203.24	11.057	11.977
%RSD	1.462552	.6107805	.7536431	.3359244	.3944484

#1	1722.167	2294.606	26840.93	3301.200	3042.253
#2	1772.453	2298.602	27202.44	3293.650	3044.491
#3	1739.758	2272.641	26860.74	3279.425	3022.718

Sample Name: ICSA Acquired: 02/18/2019 11:10:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029858	.0016149	.0031519	-.008203	.0019624	227.8291
Stddev	.0035122	.0032815	.0022980	.007638	.0004789	.9869
%RSD	117.6278	203.2034	72.90941	93.11189	24.40207	.4331622

#1	.0067406	-.002128	.0025739	-.001067	.0016582	228.7151
#2	.0024357	.003997	.0056838	-.016259	.0025143	226.7655
#3	-.000219	.002976	.0011981	-.007282	.0017145	228.0068

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028835	.0010030	.0006448	233.0767	.0518737	.0020294
Stddev	.0013131	.0000317	.0000809	1.2916	.0009127	.0002501
%RSD	45.53885	3.158188	12.54469	.5541481	1.759462	12.32323

#1	.0042683	.0010221	.0007382	234.2049	.0508339	.0021729
#2	.0027260	.0009664	.0005954	231.6679	.0525423	.0017406
#3	.0016563	.0010205	.0006010	233.3573	.0522449	.0021746

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002460	101.6695	.0130471	247.4447	.0048761	-.007288
Stddev	.003279	.5287	.0016509	1.6798	.0007495	.000264
%RSD	133.2637	.5200520	12.65354	.6788678	15.36987	3.628025

#1	-.000023	102.2386	.0133666	249.1499	.0040938	-.007438
#2	-.001170	101.1934	.0112598	245.7915	.0055876	-.006983
#3	-.006188	101.5765	.0145149	247.3928	.0049470	-.007444

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.703035	.0017042	.0077829	-.557232	.0041664	F .1068171
Stddev	.084036	.0141913	.0055963	.078563	.0025548	.0013614
%RSD	11.95328	832.7163	71.90510	14.09885	61.31779	1.274559

#1	-.798084	-.010397	.0094205	-.644121	.0055422	.1083889
#2	-.638588	-.001814	.0123778	-.536368	.0012186	.1060073
#3	-.672435	.017324	.0015505	-.491206	.0057384	.1060550

Sample Name: ICSA Acquired: 02/18/2019 11:10:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019299	-.006362	-.007193	-.004010	-.000157	.0048979
Stddev	.0008007	.001889	.000941	.000839	.001659	.0017064
%RSD	41.48847	29.68783	13.07919	20.93127	1059.867	34.83846
#1	.0028449	-.007710	-.007400	-.004894	.000024	.0048836
#2	.0013575	-.004203	-.006166	-.003224	-.001898	.0031988
#3	.0015874	-.007173	-.008013	-.003913	.001404	.0066114

Elem	Sr4077
Units	ppm
Avg	.0982627
Stddev	.0003612
%RSD	.3675478
#1	.0986525
#2	.0981961
#3	.0979394

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.520	2168.801	25935.68	3296.690	2708.501
Stddev	10.032	6.555	75.31	26.356	2.946
%RSD	.6048566	.3022196	.2903738	.7994625	.1087599
#1	1647.137	2169.492	25884.07	3295.337	2710.539
#2	1662.355	2174.982	25900.86	3323.697	2709.841
#3	1666.069	2161.928	26022.10	3271.037	2705.124

Sample Name: ICSAB Acquired: 02/18/2019 11:15:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947488	.1062751	.0492962	.0414634	.5353441	226.4789
Stddev	.0018693	.0012649	.0027173	.0030159	.0025885	.1043
%RSD	1.972911	1.190228	5.512091	7.273718	.4835216	.0460506

#1	.0967923	.1060990	.0463319	.0449041	.5336445	226.5975
#2	.0931251	.1051074	.0498880	.0392772	.5340645	226.4374
#3	.0943289	.1076188	.0516689	.0402089	.5383232	226.4016

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4879604	.4905773	.9902782	230.9020	.5354954	.4859438
Stddev	.0003515	.0039730	.0051842	.6654	.0008890	.0028508
%RSD	.0720291	.8098619	.5235058	.2881610	.1660218	.5866427

#1	.4882479	.4863707	.9867866	231.3345	.5352681	.4838396
#2	.4875686	.4910953	.9878130	230.1358	.5347420	.4848036
#3	.4880649	.4942659	.9962350	231.2356	.5364760	.4891881

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4806738	100.5260	.4854296	245.2910	.9935285	.1658247
Stddev	.0100014	.7512	.0038595	1.2532	.0055600	.0009700
%RSD	2.080711	.7472270	.7950774	.5108952	.5596216	.5849849

#1	.4837639	101.3495	.4888522	246.5417	.9898293	.1658807
#2	.4694919	100.3502	.4861902	244.0354	.9908339	.1648278
#3	.4887655	99.8783	.4812464	245.2959	.9999224	.1667655

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.511860	.4890710	.9333181	-.703284	.0041001	F .1012635
Stddev	.299305	.0052395	.0613399	.059968	.0029333	.0036169
%RSD	58.47406	1.071310	6.572237	8.526813	71.54181	3.571756

#1	-.851171	.4834625	1.003832	-.750032	.0055263	.1042737
#2	-.285330	.4938400	.892280	-.635671	.0007264	.1022656
#3	-.399079	.4899106	.903843	-.724148	.0060475	.0972512

Sample Name: ICSAB Acquired: 02/18/2019 11:15:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029952	.0031832	-.005500	-.003601	-.001428	.0024120
Stddev	.0002404	.0013603	.000720	.001536	.001758	.0023302
%RSD	8.027311	42.73420	13.08364	42.66304	123.1484	96.60633
#1	.0030626	.0026681	-.005887	-.005258	-.002170	-.000138
#2	.0031947	.0021557	-.004670	-.002222	-.002693	.004430
#3	.0027282	.0047259	-.005943	-.003324	.000580	.002945

Elem	Sr4077
Units	ppm
Avg	.0976290
Stddev	.0002234
%RSD	.2288318
#1	.0973761
#2	.0977995
#3	.0977114

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.579	2181.824	26414.08	3334.855	2736.005
Stddev	6.408	4.967	119.30	27.306	7.697
%RSD	.3770580	.2276560	.4516625	.8187919	.2813363
#1	1693.350	2178.921	26330.48	3362.595	2738.825
#2	1706.153	2187.559	26550.70	3333.965	2741.894
#3	1699.236	2178.991	26361.06	3308.005	2727.295

Sample Name: CCV023 Acquired: 02/18/2019 11:19:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.781099	4.794641	23.27996	4.813641	4.514953	395.3753
Stddev	.020115	.031487	.16032	.039720	.049098	1.4738
%RSD	.4207102	.6567129	.6886740	.8251505	1.087445	.3727673

#1	4.770684	4.759086	23.10960	4.771963	4.463178	394.2263
#2	4.768327	4.805837	23.30237	4.817903	4.520838	394.8626
#3	4.804285	4.819000	23.42789	4.851059	4.560843	397.0370

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.486124	.4824954	2.411706	381.5230	14.36807	2.411189
Stddev	.029064	.0055871	.019155	1.1775	.02646	.016690
%RSD	.3063823	1.157954	.7942353	.3086372	.1841878	.6921922

#1	9.469845	.4864846	2.391428	381.7886	14.38243	2.394236
#2	9.468847	.4761099	2.414197	380.2353	14.33754	2.411728
#3	9.519679	.4848917	2.429493	382.5450	14.38426	2.427602

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.23564	420.3104	13.91038	395.3728	2.426922	1.214279
Stddev	.06522	1.4743	.01217	1.4617	.013932	.007358
%RSD	.4581536	.3507621	.0874533	.3696939	.5740601	.6059253

#1	14.16760	418.6183	13.91410	393.7018	2.412507	1.213694
#2	14.24170	421.3183	13.89679	396.4135	2.427945	1.207230
#3	14.29762	420.9945	13.92026	396.0033	2.440315	1.221911

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.3300	2.395274	14.20494	145.1268	5.086282	4.973659
Stddev	2.3661	.010402	.12638	1.0078	.058143	.027619
%RSD	.6030939	.4342732	.8896907	.6944125	1.143124	.5553133

#1	391.2642	2.402207	14.11311	144.9173	5.024979	4.980501
#2	390.6843	2.383313	14.34908	144.2402	5.093226	4.943262
#3	395.0416	2.400301	14.15264	146.2228	5.140640	4.997214

Sample Name: CCV023 Acquired: 02/18/2019 11:19:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.051595	4.847410	F 4.479897	5.023199	4.617594	4.894809
Stddev	.048973	.038702	.042703	.047546	.009597	.021399
%RSD	.9694559	.7984128	.9532063	.9465363	.2078331	.4371734
#1	4.999195	4.804838	4.507273	4.969967	4.610777	4.881952
#2	5.059382	4.856927	4.430692	5.038181	4.613435	4.882964
#3	5.096207	4.880467	4.501726	5.061451	4.628568	4.919511

Elem	Sr4077
Units	ppm
Avg	4.760977
Stddev	.022742
%RSD	.4776752
#1	4.761021
#2	4.738213
#3	4.783697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.045	1956.704	25403.47	3253.382	2446.790
Stddev	2.973	12.644	140.98	31.134	12.131
%RSD	.1949376	.6461742	.5549472	.9569820	.4957922
#1	1528.475	1968.995	25445.28	3246.906	2458.434
#2	1523.450	1957.380	25518.80	3287.246	2447.710
#3	1523.210	1943.735	25246.31	3225.996	2434.225

Sample Name: CCB023 Acquired: 02/18/2019 11:22:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002330	-.001647	.0008269	-.000491	-.002885	-.005920	-.001992
Stddev	.003162	.001016	.0003068	.002618	.000426	.004978	.000511
%RSD	135.7488	61.66657	37.10424	532.8301	14.76374	84.09393	25.65411

#1	-.000329	-.000478	.0005493	-.002219	-.003080	-.004603	-.002404
#2	-.000684	-.002148	.0011564	.002521	-.003178	-.001732	-.002153
#3	-.005975	-.002315	.0007752	-.001775	-.002396	-.011423	-.001420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000834	.0001019	-.012917	.0002315	.0002321	.0027940	-.018620
Stddev	.0000155	.0000305	.010745	.0003349	.0001965	.0022351	.019508
%RSD	18.54660	29.94692	83.17981	144.6223	84.69058	79.99796	104.7638

#1	.0000678	.0000971	-.011958	-.000155	.0003891	.0026276	-.018316
#2	.0000835	.0001344	-.002685	.000427	.0002954	.0006467	.000733
#3	.0000987	.0000740	-.024109	.000423	.0000117	.0051076	-.038278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000243	.0105062	.0002210	.0001477	-.285573	-.000146	-.004442
Stddev	.000660	.0441239	.0004370	.0002855	.124458	.004695	.010713
%RSD	271.6280	419.9811	197.7329	193.3024	43.58203	3220.802	241.1550

#1	-.000657	.0156498	.0007025	.0000306	-.420606	.005066	.007893
#2	-.000591	-.035964	-.000151	.0004731	-.260652	-.001459	-.011411
#3	.000519	.051833	.000111	-.000061	-.175460	-.004045	-.009809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.083597	-.005588	.0030673	.0003508	-.000984	-.010607	-.001438
Stddev	.031851	.001240	.0014201	.0001864	.000745	.000234	.000550
%RSD	38.10066	22.18338	46.29572	53.12429	75.73141	2.210269	38.22017

#1	-.118933	-.006228	.0047063	.0001702	-.000768	-.010755	-.001868
#2	-.074763	-.006377	.0022923	.0003397	-.000371	-.010336	-.001627
#3	-.057096	-.004159	.0022034	.0005424	-.001814	-.010728	-.000819

Sample Name: CCB023 Acquired: 02/18/2019 11:22:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB023 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009255	-.003182	-.000080
Stddev	.0007797	.002623	.000114
%RSD	84.24808	82.41232	142.1404

#1	.0001078	-.004052	-.000025
#2	.0010080	-.000235	-.000004
#3	.0016607	-.005259	-.000211

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.741	2276.166	26812.97	3333.492	3046.309
Stddev	9.737	12.525	86.90	16.321	11.629
%RSD	.5580593	.5502661	.3240915	.4895931	.3817249

#1	1748.676	2278.072	26718.76	3321.375	3044.984
#2	1733.652	2287.628	26830.17	3327.050	3058.543
#3	1751.894	2262.797	26889.98	3352.050	3035.399

Sample Name: K1320-15DLX2 Acquired: 02/18/2019 11:26:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0690108	.0003415	26.88338	-.000312	-.009919	14.85376
Stddev	.0028615	.0011828	.15444	.000859	.001266	.04209
%RSD	4.146441	346.3891	.5744779	275.6311	12.76822	.2833773

#1	.0684356	-.000979	26.81473	-.000235	-.009842	14.80918
#2	.0664805	.001304	26.77517	.000506	-.008692	14.89282
#3	.0721161	.000699	27.06024	-.001207	-.011222	14.85928

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4353253	.0031862	.4155875	50.08162	.0514816	.0213594
Stddev	.0012888	.0000078	.0022240	.25717	.0008177	.0003528
%RSD	.2960521	.2443984	.5351382	.5134956	1.588270	1.651537

#1	.4357637	.0031875	.4143598	49.83505	.0524119	.0210440
#2	.4338746	.0031778	.4142481	50.06161	.0508769	.0212940
#3	.4363378	.0031932	.4181547	50.34822	.0511559	.0217403

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5167780	89.44079	.3895707	6.123394	.1373810	-.004226
Stddev	.0010949	.70221	.0018240	.032311	.0013908	.000268
%RSD	.2118773	.7851140	.4681948	.5276620	1.012339	6.336739

#1	.5162416	88.78603	.3878688	6.126280	.1373078	-.004341
#2	.5160547	90.18238	.3893472	6.154165	.1360283	-.004417
#3	.5180377	89.35397	.3914961	6.089737	.1388069	-.003920

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.365768	.0950511	F 169.0720	1.972678	3.366030	.1115225
Stddev	.136301	.0029024	2.6978	.057331	.025909	.0029914
%RSD	37.26439	3.053516	1.595668	2.906245	.7697306	2.682322

#1	-.229978	.0918602	167.5582	1.959935	3.346575	.1100510
#2	-.502575	.0957593	172.1868	2.035308	3.356075	.1149646
#3	-.364750	.0975339	167.4710	1.922790	3.395441	.1095518

Sample Name: K1320-15DLX2 Acquired: 02/18/2019 11:26:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF45 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049695	25.86947	10.78122	.0031691	.0621424	.0043205
Stddev	.0003187	.17098	.09187	.0007005	.0003006	.0007251
%RSD	6.413669	.6609214	.8521368	22.10382	.4837287	16.78357

#1	.0050593	25.74455	10.79801	.0028727	.0624878	.0048598
#2	.0046155	25.79955	10.68212	.0039690	.0619397	.0034962
#3	.0052337	26.06433	10.86355	.0026654	.0619997	.0046056

Elem	Sr4077
Units	ppm
Avg	.0467423
Stddev	.0002780
%RSD	.5947694

#1	.0469557
#2	.0464279
#3	.0468433

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.288	2512.076	30083.22	3838.995	2997.572
Stddev	11.688	3.423	112.94	55.472	15.047
%RSD	.6067525	.1362456	.3754213	1.444962	.5019643

#1	1939.072	2513.207	30209.11	3852.348	3006.655
#2	1923.642	2514.790	30049.79	3886.573	3005.857
#3	1916.150	2508.231	29990.78	3778.066	2980.203

Sample Name: PB117138BL Acquired: 02/18/2019 11:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004675	-.001317	.0020214	-.001624	.0000219	-.015928	-.002732
Stddev	.001436	.000430	.0023540	.002400	.0012357	.003178	.001219
%RSD	30.71148	32.68716	116.4557	147.8186	5643.874	19.95042	44.61160

#1	-.006289	-.001800	.0044617	-.002298	-.001344	-.014200	-.003118
#2	-.003538	-.000976	-.000236	-.003615	.000347	-.013988	-.001367
#3	-.004199	-.001174	.001838	.001042	.001062	-.019595	-.003711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000338	.0000567	-.000510	.0001109	.0001067	.0021876	-.008281
Stddev	.0000299	.0000677	.008188	.0008821	.0000662	.0065029	.007428
%RSD	88.35581	119.2659	1606.939	795.8094	62.06784	297.2597	89.69230

#1	.0000118	.0000329	.008787	-.000630	.0000494	.0094833	-.006114
#2	.0000678	.0001331	-.006651	.001087	.0001791	.0000789	-.002178
#3	.0000218	.0000042	-.003665	-.000124	.0000915	-.002999	-.016551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009679	-.022382	-.000139	.0002698	-.192557	-.007023	.0186362
Stddev	.0004982	.054299	.000171	.0002786	.369004	.003603	.0204236
%RSD	51.47344	242.6003	122.6417	103.2635	191.6337	51.30052	109.5910

#1	.0015343	-.069264	-.000228	.0004283	.212107	-.003014	.0338984
#2	.0005974	-.034996	.000058	-.000052	-.510428	-.009990	.0265749
#3	.0007721	.037114	-.000248	.000433	-.279350	-.008064	-.004565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.156575	-.001645	-.004144	.0000126	-.002500	-.010254	-.002091
Stddev	.027960	.000495	.000314	.0002819	.005265	.000813	.000712
%RSD	17.85720	30.11837	7.587415	2232.903	210.5609	7.925934	34.06066

#1	-.173833	-.001724	-.003782	.0001148	-.005437	-.009740	-.002780
#2	-.171576	-.002095	-.004303	-.000306	.003578	-.009831	-.002137
#3	-.124316	-.001114	-.004348	.000229	-.005642	-.011191	-.001358

Sample Name: PB117138BL Acquired: 02/18/2019 11:31:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003127	-.003758	-.000005
Stddev	.0014884	.001183	.000095
%RSD	475.9633	31.47073	2014.127

#1	-.000694	-.002709	-.000099
#2	-.000390	-.005040	-.000006
#3	.002022	-.003527	.000091

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.190	2265.925	26586.60	3308.850	3032.636
Stddev	12.789	8.488	172.12	7.697	10.975
%RSD	.7378723	.3745753	.6473771	.2326197	.3619046

#1	1726.639	2272.065	26507.73	3303.125	3037.146
#2	1747.928	2269.469	26784.02	3305.825	3040.638
#3	1725.005	2256.239	26468.06	3317.600	3020.124

Sample Name: PB117138BS Acquired: 02/18/2019 11:35:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166152	.0515215	.0206892	.0799042	.1134554	.3819243	.4075814
Stddev	.0014077	.0021337	.0016340	.0020064	.0020710	.0135293	.0014011
%RSD	8.472499	4.141417	7.897701	2.510976	1.825398	3.542407	.3437467

#1	.0154674	.0522019	.0200759	.0776474	.1112674	.3970273	.4085119
#2	.0181859	.0532321	.0194506	.0814860	.1137137	.3778322	.4082622
#3	.0161923	.0491306	.0225411	.0805792	.1153852	.3709134	.4059700

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106036	.0107138	9.876427	.0219174	.0998495	.0570664	.1527667
Stddev	.0001193	.0000891	.081764	.0005602	.0003978	.0060778	.0179580
%RSD	1.124727	.8320304	.8278726	2.556185	.3984101	10.65043	11.75518

#1	.0107393	.0107648	9.941434	.0213197	.0995822	.0619040	.1715006
#2	.0105559	.0106109	9.784628	.0220020	.0996597	.0590509	.1357010
#3	.0105156	.0107657	9.903219	.0224306	.1003067	.0502444	.1510984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327588	9.997818	.0857443	.0208295	9.645803	.1007503	.1318112
Stddev	.0010020	.148196	.0000433	.0002234	.324353	.0090952	.0058063
%RSD	3.058599	1.482280	.0504441	1.072522	3.362638	9.027517	4.405018

#1	.0339128	10.07902	.0857603	.0208835	9.993450	.0961443	.1252118
#2	.0322534	9.82677	.0856954	.0210210	9.592651	.0948794	.1361352
#3	.0321101	10.08766	.0857773	.0205841	9.351308	.1112272	.1340867

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.815328	.0142483	.0144260	.0227887	.1922167	.1825999	.0126795
Stddev	.055223	.0025596	.0005512	.0001861	.0034114	.0026270	.0006196
%RSD	.5626152	17.96439	3.820507	.8165885	1.774756	1.438674	4.886890

#1	9.879047	.0141804	.0147929	.0229466	.1883324	.1854374	.0130463
#2	9.785580	.0117233	.0146929	.0228359	.1935915	.1802523	.0130281
#3	9.781358	.0168412	.0137922	.0225835	.1947261	.1821101	.0119641

Sample Name: PB117138BS Acquired: 02/18/2019 11:35:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2036899	.0945799	.2062721
Stddev	.0036573	.0006901	.0005530
%RSD	1.795529	.7296080	.2681008

#1	.2073793	.0948742	.2068165
#2	.2000656	.0950741	.2062889
#3	.2036249	.0937915	.2057109

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.114	2256.354	26959.79	3395.400	3052.642
Stddev	6.289	3.839	129.51	22.269	9.730
%RSD	.3587211	.1701208	.4803923	.6558479	.3187391

#1	1757.281	2260.693	26854.74	3372.275	3061.408
#2	1756.180	2254.966	27104.49	3416.700	3054.346
#3	1745.880	2253.402	26920.12	3397.225	3042.173

Sample Name: PB117139BL Acquired: 02/18/2019 11:39:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002450	.0001685	.0018318	-.001497	-.000941	-.012793	-.004452
Stddev	.002655	.0010598	.0012450	.000882	.000911	.003398	.000972
%RSD	108.3726	628.8857	67.96273	58.87662	96.82352	26.56311	21.84335

#1	-.004223	-.000969	.0031873	-.002401	-.001838	-.011906	-.004646
#2	-.003730	.001128	.0007394	-.001452	-.000970	-.016546	-.003397
#3	.000603	.000346	.0015688	-.000639	-.000016	-.009926	-.005313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000473	.0000262	-.006839	-.000133	.0002818	.0003798	-.011413
Stddev	.0000773	.0000291	.011009	.000388	.0001844	.0040714	.005181
%RSD	163.4203	111.0211	160.9891	292.1266	65.43053	1072.042	45.39751

#1	-.000038	.0000571	.000891	.000181	.0000822	.0049209	-.016625
#2	.000112	.0000221	-.019444	-.000013	.0004458	-.002944	-.011352
#3	.000069	-.000001	-.001962	-.000566	.0003174	-.000837	-.006263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022300	-.069579	.0001334	.0001913	-.514016	-.003594	-.002656
Stddev	.0008919	.050484	.0005912	.0001537	.268553	.004587	.007541
%RSD	39.99402	72.55695	442.9904	80.33927	52.24606	127.6267	283.9259

#1	.0027562	-.011675	.0006064	.0003030	-.385152	-.008891	.005887
#2	.0027335	-.092700	-.000529	.0000160	-.822714	-.000904	-.008385
#3	.0012002	-.104361	.000323	.0002548	-.334180	-.000987	-.005470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.181357	-.006577	-.006567	.0000059	.0009434	-.010455	-.001720
Stddev	.037596	.002352	.000671	.0001629	.0014278	.001550	.000901
%RSD	20.73037	35.75948	10.21266	2744.897	151.3495	14.82837	52.38636

#1	-.139765	-.008602	-.007032	-.000161	.0019580	-.011798	-.001638
#2	-.191380	-.003997	-.006871	.000164	.0015615	-.010808	-.002659
#3	-.212925	-.007133	-.005798	.000015	-.000689	-.008758	-.000863

Sample Name: PB117139BL Acquired: 02/18/2019 11:39:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009263	-.003666	-.000003
Stddev	.0002089	.001917	.000093
%RSD	22.55157	52.28877	2975.700

#1	.0010377	-.001580	-.000103
#2	.0006853	-.004069	.000079
#3	.0010559	-.005350	.000015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.784	2247.461	26947.08	3391.850	3031.917
Stddev	4.585	7.330	126.59	11.627	12.877
%RSD	.2592227	.3261296	.4697639	.3427983	.4247055

#1	1763.490	2248.407	26826.73	3383.025	3032.594
#2	1771.407	2254.271	27079.09	3405.025	3044.442
#3	1771.456	2239.704	26935.41	3387.500	3018.715

Sample Name: K1439-01 Acquired: 02/18/2019 11:47:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004345	.0000260	.0022130	-.002918	-.002248	.2497321	.0618029
Stddev	.0038377	.0029285	.0009121	.000692	.000952	.0096478	.0002502
%RSD	883.3026	11278.88	41.21635	23.70616	42.32468	3.863281	.4048517

#1	.0044200	.0023662	.0020953	-.002319	-.003341	.2471299	.0619709
#2	.0001195	-.003258	.0013655	-.003675	-.001803	.2604142	.0619226
#3	-.003236	.000970	.0031783	-.002760	-.001602	.2416522	.0615154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001535	.0000395	8.663661	.0054814	-.000026	.0081848	.6673639
Stddev	.0000219	.0000269	.157892	.0003750	.000430	.0036513	.0389231
%RSD	14.29800	68.13541	1.822466	6.841525	1676.032	44.61115	5.832361

#1	.0001403	.0000520	8.483498	.0050892	-.000370	.0041513	.6233100
#2	.0001414	.0000086	8.729537	.0058364	.000456	.0112646	.6816810
#3	.0001788	.0000578	8.777948	.0055185	-.000163	.0091385	.6971008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200742	3.710755	.0036697	.0004200	249.9724	-.006121	.0360446
Stddev	.0013110	.106809	.0001473	.0004211	4.4175	.008203	.0067132
%RSD	6.530595	2.878357	4.015014	100.2570	1.767196	134.0167	18.62479

#1	.0212448	3.637344	.0037649	.0001177	244.9573	-.015588	.0302811
#2	.0203202	3.661635	.0037441	.0002414	253.2867	-.001659	.0434157
#3	.0186577	3.833288	.0034999	.0009010	251.6734	-.001116	.0344370

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.887628	.0877655	1.008721	-.000088	2.781607	3.969965	-.002292
Stddev	.074964	.0018482	.019691	.000210	.013547	.067543	.000380
%RSD	3.971311	2.105887	1.952041	239.8554	.4870067	1.701361	16.59353

#1	1.801972	.0860958	.991797	.000091	2.768390	3.909111	-.002575
#2	1.941264	.0897514	1.030332	-.000320	2.780970	4.042638	-.002442
#3	1.919648	.0874492	1.004033	-.000035	2.795461	3.958146	-.001860

Sample Name: K1439-01 Acquired: 02/18/2019 11:47:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXA4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0052233	.0083757	.2143703
Stddev	.0010041	.0009643	.0024555
%RSD	19.22356	11.51274	1.145447

#1	.0056735	.0072831	.2116640
#2	.0059236	.0091077	.2164559
#3	.0040729	.0087362	.2149909

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.074	2334.505	28268.76	3524.025	3063.313
Stddev	9.702	5.954	68.91	42.875	16.067
%RSD	.5255496	.2550532	.2437775	1.216654	.5245070

#1	1841.327	2338.115	28190.16	3567.900	3070.308
#2	1857.236	2337.767	28297.29	3482.225	3074.698
#3	1839.660	2327.632	28318.82	3521.950	3044.934

Sample Name: K1439-02 Acquired: 02/18/2019 11:51:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030962	.0027335	.0032197	-.003323	-.003184	.2963369	.5173102
Stddev	.0024479	.0014890	.0012448	.001704	.000294	.0148235	.0007269
%RSD	79.06317	54.47218	38.66171	51.27090	9.230812	5.002235	.1405174

#1	.0002697	.0043634	.0043053	-.003301	-.003508	.2980031	.5171812
#2	.0044818	.0023929	.0018610	-.001631	-.002934	.2807508	.5180930
#3	.0045370	.0014444	.0034928	-.005038	-.003110	.3102569	.5166564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002246	-.000019	111.2769	.0054089	-.000366	.0039076	.9735132
Stddev	.0000850	.000051	1.7577	.0005247	.000088	.0039167	.0554859
%RSD	37.87284	271.3586	1.579551	9.701140	24.08290	100.2332	5.699558

#1	.0001752	-.000036	112.3877	.0048051	-.000414	.0053080	1.021961
#2	.0003228	.000038	109.2505	.0056680	-.000420	-.000517	.912981
#3	.0001757	-.000059	112.1927	.0057538	-.000264	.006932	.985598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0673240	42.97461	.0054243	.0008439	97.40035	-.002738	.0350621
Stddev	.0013583	.63674	.0002019	.0002590	.80748	.004800	.0087300
%RSD	2.017624	1.481657	3.722249	30.69369	.8290354	175.2923	24.89876

#1	.0681729	43.49461	.0056329	.0010694	97.73876	-.001152	.0409603
#2	.0657574	42.26446	.0052298	.0005610	96.47872	.001068	.0391926
#3	.0680419	43.16476	.0054103	.0009012	97.98356	-.008131	.0250333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.208899	.0218487	.4282065	.0001178	2.648215	6.209836	-.005910
Stddev	.052296	.0017951	.0020835	.0001050	.002360	.036483	.000880
%RSD	.8422718	8.216208	.4865570	89.11043	.0891330	.5874965	14.88436

#1	6.196805	.0231326	.4283395	.0002174	2.650394	6.248480	-.005218
#2	6.163709	.0226162	.4260598	.0000082	2.648544	6.175989	-.005613
#3	6.266182	.0197974	.4302203	.0001279	2.645708	6.205040	-.006900

Sample Name: K1439-02 Acquired: 02/18/2019 11:51:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXA7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011383	.0298255	1.525330
Stddev	.0023688	.0010299	.001656
%RSD	208.1024	3.453075	.1085740

#1	-.001594	.0294458	1.527214
#2	.002388	.0309913	1.524674
#3	.002621	.0290393	1.524103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.811	2280.624	27841.14	3497.327	3016.902
Stddev	2.995	3.488	37.00	17.702	2.376
%RSD	.1667649	.1529298	.1328993	.5061542	.0787446

#1	1793.457	2283.893	27811.76	3485.942	3019.580
#2	1799.182	2276.952	27828.97	3517.722	3015.049
#3	1794.796	2281.028	27882.70	3488.319	3016.076

Sample Name: K1439-03 Acquired: 02/18/2019 11:55:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016356	-.000421	.0015067	-.002664	-.003009	.0406259	.1589428
Stddev	.0010837	.000730	.0008758	.002889	.001781	.0058650	.0002480
%RSD	66.25481	173.5880	58.12291	108.4186	59.18253	14.43665	.1560506

#1	.0026846	-.000903	.0006746	-.001285	-.004200	.0368672	.1591791
#2	.0005203	-.000778	.0014253	-.000724	-.000962	.0473840	.1586845
#3	.0017020	.000419	.0024204	-.005984	-.003865	.0376265	.1589648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001710	.0000256	6.190474	.0014658	-.000093	.0050068	.0851645
Stddev	.0000172	.0000432	.010863	.0002964	.000080	.0035986	.0173775
%RSD	10.03333	169.0777	.1754809	20.22226	86.42759	71.87539	20.40459

#1	.0001524	.0000555	6.199893	.0011522	-.000175	.0091318	.1050350
#2	.0001861	.0000452	6.178590	.0015037	-.000087	.0025105	.0776479
#3	.0001745	-.000024	6.192938	.0017414	-.000015	.0033780	.0728106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047728	4.131847	.0011876	.0007472	163.0557	.0026625	-.009314
Stddev	.0018210	.073480	.0002782	.0002923	.5340	.0034767	.012949
%RSD	38.15401	1.778371	23.42543	39.11915	.3275174	130.5799	139.0389

#1	.0066033	4.187771	.0014333	.0005330	163.0146	-.000705	-.018640
#2	.0047534	4.159144	.0008855	.0010802	162.5435	.006239	-.014772
#3	.0029615	4.048625	.0012440	.0006284	163.6092	.002453	.005471

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.701766	.0450639	1.087395	.0060961	5.152491	3.436850	-.002265
Stddev	.077498	.0021331	.010797	.0002400	.006679	.023362	.000283
%RSD	1.648276	4.733538	.9929409	3.936265	.1296262	.6797539	12.48150

#1	4.617329	.0429031	1.078954	.0063309	5.156743	3.416352	-.002215
#2	4.769651	.0451204	1.083670	.0061061	5.144793	3.431910	-.002570
#3	4.718317	.0471683	1.099562	.0058513	5.155937	3.462286	-.002011

Sample Name: K1439-03 Acquired: 02/18/2019 11:55:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000546	.0077898	.2515715
Stddev	.001424	.0012123	.0009229
%RSD	260.7145	15.56250	.3668352

#1	-.001392	.0086378	.2519977
#2	.001098	.0083304	.2505126
#3	-.001344	.0064013	.2522043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.099	2267.686	27597.25	3464.017	3035.790
Stddev	5.181	5.629	15.26	21.983	4.050
%RSD	.2876742	.2482448	.0552830	.6345981	.1334178

#1	1795.688	2263.118	27579.66	3484.725	3031.136
#2	1801.594	2265.966	27606.89	3466.375	3037.721
#3	1806.016	2273.976	27605.21	3440.950	3038.514

Sample Name: K1439-04 Acquired: 02/18/2019 11:59:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112875	-.000393	.0019376	-.002737	-.002527	-.075457	.0900872
Stddev	.0043708	.001099	.0020579	.000461	.002707	.011151	.0006585
%RSD	38.72228	279.5183	106.2079	16.86195	107.0973	14.77780	.7310001

#1	.0066867	-.001628	-.000380	-.002710	.000598	-.070601	.0907505
#2	.0153847	-.000029	.003549	-.002289	-.004126	-.088213	.0894335
#3	.0117912	.000478	.002644	-.003211	-.004054	-.067558	.0900775

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001474	.0000703	179.6748	.0000810	-.000720	.0000638	3.289040
Stddev	.0000997	.0000466	1.6046	.0003552	.000094	.0025416	.066435
%RSD	67.66139	66.19181	.8930381	438.6728	13.11474	3985.256	2.019887

#1	.0002201	.0000800	179.9305	.0004619	-.000615	.0026710	3.359481
#2	.0000337	.0001113	177.9577	-.000241	-.000750	-.000073	3.280128
#3	.0001884	.0000197	181.1361	.000022	-.000796	-.002407	3.227511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2391643	60.79494	.0009544	.0007083	136.0307	-.005417	.0094898
Stddev	.0029462	.63093	.0003172	.0001538	1.1859	.003810	.0078700
%RSD	1.231887	1.037800	33.23614	21.70855	.8718082	70.32845	82.93060

#1	.2384724	61.17662	.0006986	.0008788	135.8675	-.001757	.0132943
#2	.2366257	60.06669	.0008553	.0006662	134.9347	-.009361	.0147347
#3	.2423950	61.14152	.0013094	.0005800	137.2897	-.005133	.0004405

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.451346	.0003687	.0446683	.0006871	22.34099	7.087775	-.005344
Stddev	.070984	.0015044	.0002487	.0001868	.07015	.007079	.001223
%RSD	4.890888	408.0414	.5568285	27.19175	.3140081	.0998785	22.89534

#1	1.471122	-.000588	.0449451	.0004851	22.35503	7.095152	-.004997
#2	1.372572	.002103	.0445962	.0008536	22.26488	7.087136	-.006703
#3	1.510345	-.000409	.0444636	.0007225	22.40306	7.081037	-.004332

Sample Name: K1439-04 Acquired: 02/18/2019 11:59:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005446	.0273591	.3433542
Stddev	.000743	.0010616	.0015336
%RSD	13.65169	3.880240	.4466528

#1	-.005532	.0265284	.3415952
#2	-.004663	.0285551	.3440566
#3	-.006143	.0269939	.3444107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.948	2188.428	27156.56	3444.494	2896.584
Stddev	3.988	2.498	112.64	19.623	5.030
%RSD	.2281613	.1141410	.4147810	.5696988	.1736586

#1	1752.472	2189.265	27277.69	3464.122	2894.872
#2	1744.942	2190.400	27137.02	3444.486	2902.247
#3	1746.430	2185.619	27054.96	3424.875	2892.633

Sample Name: K1439-05 Acquired: 02/18/2019 12:04:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXD6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127319	-.000374	.0025638	-.004173	-.001879	-.084674	.0903374
Stddev	.0020108	.001012	.0014313	.001934	.001325	.013022	.0006098
%RSD	15.79364	270.1911	55.82818	46.34291	70.49465	15.37873	.6750310

#1	.0139890	.000133	.0009396	-.004158	-.000435	-.098835	.0899087
#2	.0104127	.000283	.0031110	-.002246	-.003038	-.073215	.0910355
#3	.0137939	-.001539	.0036408	-.006113	-.002164	-.081973	.0900681

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002076	.0001373	179.4979	.0008162	-.000843	.0027169	3.310119
Stddev	.0000369	.0000296	.7296	.0007577	.000189	.0048284	.015375
%RSD	17.75740	21.53791	.4064567	92.83259	22.39745	177.7189	.4644747

#1	.0002492	.0001603	180.0140	.0011618	-.000774	.0075541	3.319837
#2	.0001946	.0001477	179.8165	.0013394	-.000699	.0026992	3.318125
#3	.0001790	.0001040	178.6632	-.000053	-.001057	-.002103	3.292393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2376423	60.64736	.0003617	-.000031	135.7539	-.009926	.0089848
Stddev	.0019492	.21725	.0006289	.000552	1.2017	.010830	.0068534
%RSD	.8202294	.3582199	173.8528	1799.329	.8851907	109.1107	76.27762

#1	.2397527	60.78744	-.000355	.000450	135.8431	-.016324	.0055818
#2	.2359097	60.75755	.000619	-.000634	136.9084	-.016033	.0168737
#3	.2372644	60.39710	.000821	.000093	134.5100	.002579	.0044989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.374010	.0000934	.0444235	.0006608	22.40958	7.106833	-.005735
Stddev	.040820	.0032857	.0015535	.0001629	.04745	.038014	.000525
%RSD	2.970846	3518.566	3.497021	24.64754	.2117453	.5348977	9.155842

#1	1.342977	.0031965	.0449054	.0004993	22.42020	7.085106	-.005292
#2	1.420250	-.003349	.0456790	.0008251	22.35772	7.150728	-.006315
#3	1.358803	.000432	.0426862	.0006581	22.45082	7.084666	-.005599

Sample Name: K1439-05 Acquired: 02/18/2019 12:04:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXD6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004866	.0277313	.3431093
Stddev	.002644	.0010386	.0009788
%RSD	54.33145	3.745243	.2852706

#1	-.007727	.0279657	.3421452
#2	-.002512	.0265956	.3441022
#3	-.004361	.0286328	.3430804

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.389	2174.325	27097.81	3442.569	2883.999
Stddev	10.379	6.524	65.65	24.110	4.088
%RSD	.5895969	.3000647	.2422730	.7003554	.1417421

#1	1766.983	2174.142	27059.97	3451.764	2884.455
#2	1748.425	2180.939	27059.84	3415.214	2887.839
#3	1765.759	2167.894	27173.62	3460.728	2879.702

Sample Name: K1439-06 Acquired: 02/18/2019 12:08:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXD6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550627	.0599477	.0223282	.0665448	.1015053	2.014348	2.327348
Stddev	.0022534	.0018477	.0014865	.0030429	.0013852	.022819	.006817
%RSD	4.092428	3.082178	6.657301	4.572763	1.364685	1.132832	.2929138

#1	.0576540	.0608002	.0239349	.0634736	.1028392	1.988212	2.322029
#2	.0535627	.0578277	.0210019	.0695587	.1000739	2.024515	2.335033
#3	.0539714	.0612153	.0220477	.0666020	.1016028	2.030315	2.324983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578151	.0575437	176.5238	.2245796	.5534054	.2801748	4.285542
Stddev	.0001900	.0001166	1.3659	.0010950	.0011090	.0060723	.070436
%RSD	.3286144	.2025435	.7737847	.4875815	.2004013	2.167330	1.643573

#1	.0580101	.0574451	175.8537	.2233289	.5546786	.2848383	4.309553
#2	.0576306	.0576723	175.6223	.2250447	.5526500	.2733085	4.206240
#3	.0578045	.0575137	178.0953	.2253653	.5528876	.2823774	4.340833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7711520	60.03863	.5813752	.0354202	133.2360	.5694652	.5361402
Stddev	.0071711	.89793	.0006236	.0006209	.5867	.0087555	.0166465
%RSD	.9299247	1.495583	.1072557	1.752918	.4403568	1.537501	3.104873

#1	.7640846	59.85920	.5820562	.0358312	133.5007	.5710381	.5406685
#2	.7709487	59.24397	.5812372	.0347060	132.5636	.5600298	.5500541
#3	.7784226	61.01273	.5808322	.0357235	133.6438	.5773276	.5176981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.434230	-.001636	.0423919	.0003794	22.13597	6.897028	-.005718
Stddev	.021968	.003044	.0010590	.0001699	.07114	.020769	.001218
%RSD	1.531707	186.0700	2.498101	44.77358	.3213551	.3011304	21.29886

#1	1.418270	-.003595	.0435989	.0005670	22.19238	6.920512	-.005501
#2	1.459285	.001871	.0419586	.0002358	22.05606	6.889500	-.004623
#3	1.425135	-.003184	.0416183	.0003355	22.15948	6.881073	-.007030

Sample Name: K1439-06 Acquired: 02/18/2019 12:08:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005237	.0274832	.3373029
Stddev	.000497	.0015702	.0013526
%RSD	9.484744	5.713163	.4010045

#1	-.005374	.0280452	.3363862
#2	-.004687	.0286949	.3388564
#3	-.005652	.0257093	.3366662

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.703	2183.090	27139.72	3478.971	2902.206
Stddev	8.225	10.356	52.88	12.117	2.479
%RSD	.4701025	.4743905	.1948329	.3482941	.0854111

#1	1746.110	2190.933	27112.81	3465.001	2899.626
#2	1743.886	2186.986	27200.64	3485.282	2904.570
#3	1759.114	2171.351	27105.71	3486.629	2902.422

Sample Name: K1439-04LX5 Acquired: 02/18/2019 12:12:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXD6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002581	-.001283	.0004529	-.002839	-.000368	-.020766	.0138104
Stddev	.000828	.001662	.0009632	.001480	.000691	.008434	.0011806
%RSD	32.08307	129.5530	212.6863	52.14723	188.0373	40.61535	8.548961

#1	-.002002	.000541	.0007187	-.001330	.000356	-.013079	.0142182
#2	-.002211	-.001679	.0012553	-.004289	-.001021	-.029788	.0124799
#3	-.003529	-.002711	-.000615	-.002898	-.000438	-.019430	.0147330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000882	.0000516	34.39645	-.000333	-.000831	.0039609	.5599853
Stddev	.0000562	.0000354	.12688	.000444	.000317	.0006526	.0250627
%RSD	63.75293	68.67139	.3688670	133.4601	38.14187	16.47586	4.475600

#1	.0000258	.0000142	34.54240	-.000787	-.000807	.0047026	.5324808
#2	.0001348	.0000560	34.33446	-.000311	-.000527	.0034748	.5659425
#3	.0001039	.0000846	34.31249	.000100	-.001159	.0037053	.5815327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460928	11.42408	-.000202	.0003997	25.52813	-.009156	.0028361
Stddev	.0017408	.06247	.000483	.0002030	.22963	.001307	.0094008
%RSD	3.776638	.5468635	239.1539	50.78585	.8995163	14.27524	331.4754

#1	.0451386	11.46045	.000233	.0001700	25.78834	-.010584	.0132728
#2	.0481020	11.35194	-.000117	.0004741	25.35387	-.008865	-.004967
#3	.0450378	11.45986	-.000721	.0005550	25.44220	-.008019	.000202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541947	-.002573	.0028366	.0000133	4.131358	1.325716	-.002703
Stddev	.0431122	.001989	.0007661	.0002508	.003876	.020366	.000724
%RSD	79.55053	77.29614	27.00867	1889.237	.0938198	1.536262	26.79988

#1	.0055810	-.004335	.0034621	-.000249	4.132343	1.344710	-.003090
#2	.0692178	-.002968	.0019821	.000251	4.127085	1.304210	-.001868
#3	.0877854	-.000417	.0030657	.000038	4.134647	1.328228	-.003152

Sample Name: K1439-04LX5 Acquired: 02/18/2019 12:12:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000304	.0021390	.0665136
Stddev	.001039	.0017639	.0000693
%RSD	341.9063	82.46240	.1042307

#1	-.001376	.0014934	.0665585
#2	.000698	.0041347	.0665484
#3	-.000233	.0007889	.0664337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.090	2179.252	26870.63	3456.958	2996.741
Stddev	5.930	17.881	58.91	32.321	18.350
%RSD	.3394155	.8205167	.2192233	.9349512	.6123395

#1	1753.674	2182.049	26911.33	3428.800	3004.017
#2	1742.169	2195.570	26803.08	3492.250	3010.336
#3	1745.427	2160.137	26897.48	3449.825	2975.868

Sample Name: K1440-04 Acquired: 02/18/2019 12:16:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086709	-.001518	.0003070	-.002397	-.003571	-.089201	.0901187
Stddev	.0007994	.001690	.0010702	.000501	.000947	.016073	.0004246
%RSD	9.218780	111.3032	348.5491	20.90500	26.51076	18.01841	.4711948

#1	.0078236	-.000639	.0001777	-.002039	-.003142	-.071638	.0901993
#2	.0094116	-.003467	-.000693	-.002969	-.004657	-.103178	.0904973
#3	.0087776	-.000449	.001436	-.002182	-.002916	-.092787	.0896596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001395	.0000784	177.4069	.0003337	-.000725	.0012510	3.265632
Stddev	.0000425	.0000381	1.4029	.0003744	.000179	.0039400	.062553
%RSD	30.50378	48.57754	.7907873	112.1889	24.75354	314.9540	1.915509

#1	.0001623	.0000444	176.4035	-.000054	-.000571	.0025434	3.289859
#2	.0000904	.0000713	179.0100	.000693	-.000681	.0043824	3.312448
#3	.0001657	.0001196	176.8072	.000363	-.000922	-.003173	3.194589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2335372	60.07112	.0002952	.0001888	135.7824	.0058623	.0080995
Stddev	.0023904	.79219	.0008250	.0004337	1.1841	.0017940	.0079110
%RSD	1.023571	1.318761	279.4803	229.6687	.8720426	30.60284	97.67332

#1	.2309853	59.51272	.0011435	-.000154	134.9161	.0042248	.0044935
#2	.2357242	60.97778	.0002463	.000676	137.1316	.0055821	.0171711
#3	.2339021	59.72285	-.000504	.000044	135.2995	.0077799	.0026339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.470301	-.001489	.0419350	.0007958	22.50987	7.045377	-.007613
Stddev	.069724	.002271	.0007366	.0001998	.08214	.048761	.000529
%RSD	4.742148	152.4995	1.756496	25.11054	.3649123	.6920972	6.952825

#1	1.438874	-.001226	.0412772	.0006791	22.49357	6.992985	-.007503
#2	1.550207	-.003881	.0427308	.0010265	22.43710	7.089431	-.008188
#3	1.421823	.000639	.0417970	.0006817	22.59893	7.053714	-.007147

Sample Name: K1440-04 Acquired: 02/18/2019 12:16:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005828	.0274660	.3427549
Stddev	.000695	.0014576	.0011856
%RSD	11.91893	5.306882	.3458943

#1	-.006574	.0279588	.3440622
#2	-.005200	.0286133	.3417494
#3	-.005711	.0258259	.3424530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1765.739	2178.203	27173.58	3454.976	2879.630
Stddev	12.949	10.649	146.99	18.869	7.494
%RSD	.7333697	.4888938	.5409244	.5461496	.2602307

#1	1764.332	2188.791	27096.02	3475.335	2881.797
#2	1779.334	2178.324	27343.10	3451.519	2885.802
#3	1753.550	2167.494	27081.61	3438.074	2871.292

Sample Name: K1440-05 Acquired: 02/18/2019 12:20:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXD7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098311	.0012600	.0030758	-.001919	-.003190	-.078478	.0861312
Stddev	.0023425	.0013837	.0016759	.003569	.000769	.009993	.0006555
%RSD	23.82741	109.8130	54.48615	186.0201	24.09714	12.73311	.7610754

#1	.0116487	.0014472	.0041422	-.001632	-.002965	-.089408	.0868881
#2	.0106571	-.000208	.0039411	.001499	-.004046	-.069811	.0857611
#3	.0071875	.002541	.0011441	-.005622	-.002559	-.076215	.0857445

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001376	.0000432	169.2783	.0004070	-.000711	-.000201	3.150435
Stddev	.0000353	.0000187	2.7571	.0003531	.000430	.002788	.085289
%RSD	25.64280	43.31254	1.628719	86.75043	60.40674	1388.640	2.707208

#1	.0001363	.0000637	169.6081	.0003728	-.001071	.002182	3.160272
#2	.0001030	.0000271	171.8556	.0000723	-.000235	-.003267	3.230380
#3	.0001736	.0000387	166.3711	.0007760	-.000827	.000483	3.060655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2246066	57.81714	.0006960	.0005968	129.9827	-.001486	.0003508
Stddev	.0058629	1.11747	.0001095	.0004623	1.6886	.003728	.0035280
%RSD	2.610291	1.932774	15.73233	77.46162	1.299072	250.9027	1005.787

#1	.2246709	57.58908	.0005927	.0002486	130.1238	-.004984	-.002567
#2	.2304371	59.03105	.0008108	.0011214	131.5963	.002436	-.000652
#3	.2187119	56.83128	.0006845	.0004205	128.2280	-.001910	.004272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.290761	-.000548	.0388486	.0005809	21.54918	6.618382	-.006787
Stddev	.079699	.000685	.0012826	.0002462	.07504	.096186	.000689
%RSD	6.174590	124.8634	3.301619	42.37957	.3482322	1.453318	10.15067

#1	1.375792	-.000820	.0400105	.0008644	21.48740	6.691521	-.006777
#2	1.217761	.000230	.0390631	.0004216	21.52745	6.654198	-.007481
#3	1.278731	-.001056	.0374722	.0004566	21.63269	6.509426	-.006103

Sample Name: K1440-05 Acquired: 02/18/2019 12:20:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXD7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005744	.0252543	.3282452
Stddev	.000886	.0012350	.0007781
%RSD	15.43138	4.890415	.2370373

#1	-.005969	.0255357	.3289777
#2	-.006496	.0263244	.3283294
#3	-.004767	.0239029	.3274285

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.957	2247.258	28108.80	3608.487	2985.719
Stddev	12.127	8.585	226.40	17.326	6.942
%RSD	.6700206	.3820039	.8054410	.4801475	.2325209

#1	1819.442	2250.640	28308.32	3603.280	2986.682
#2	1814.135	2253.637	28155.34	3594.361	2992.129
#3	1796.293	2237.498	27862.75	3627.819	2978.345

Sample Name: K1440-06 Acquired: 02/18/2019 12:24:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXD7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544787	.0550384	.0225000	.0635079	.1046932	2.017784	2.399462
Stddev	.0045575	.0021593	.0009570	.0026870	.0013448	.015581	.004450
%RSD	8.365731	3.923341	4.253170	4.231017	1.284539	.7721741	.1854531

#1	.0505924	.0546437	.0230767	.0608923	.1041919	2.033712	2.398141
#2	.0594949	.0531036	.0213954	.0633702	.1062167	2.002575	2.395822
#3	.0533489	.0573678	.0230280	.0662611	.1036710	2.017066	2.404423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578745	.0573901	120.8472	.2256350	.5490833	.2779207	2.683700
Stddev	.0001719	.0001008	.7260	.0010653	.0006951	.0033174	.026853
%RSD	.2969615	.1755774	.6007851	.4721363	.1266026	1.193638	1.000609

#1	.0579347	.0574585	120.4098	.2250802	.5495077	.2744246	2.682458
#2	.0580081	.0574373	120.4465	.2268632	.5482810	.2783132	2.657489
#3	.0576806	.0572744	121.6853	.2249617	.5494611	.2810244	2.711153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6654911	42.94860	.5804634	.0347581	145.9279	.5715506	.5312363
Stddev	.0076118	.29247	.0011064	.0003380	.2910	.0147818	.0115594
%RSD	1.143795	.6809679	.1906034	.9725456	.1994170	2.586260	2.175935

#1	.6653319	42.63199	.5803529	.0351465	145.6580	.5686798	.5374331
#2	.6579600	43.00515	.5794164	.0345975	145.8894	.5584148	.5178998
#3	.6731812	43.20867	.5816209	.0345303	146.2362	.5875572	.5383760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.588650	.0122684	.3336123	.0001127	15.91256	6.009018	-.005965
Stddev	.059402	.0038085	.0008019	.0001934	.02363	.028647	.000668
%RSD	2.294718	31.04321	.2403810	171.5890	.1485281	.4767358	11.20195

#1	2.584206	.0084226	.3327920	-.000108	15.93312	5.978367	-.006367
#2	2.650149	.0123440	.3336503	.000196	15.88674	6.035115	-.005193
#3	2.531595	.0160385	.3343945	.000250	15.91783	6.013572	-.006333

Sample Name: K1440-06 Acquired: 02/18/2019 12:24:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003580	.0245274	.6344705
Stddev	.001649	.0021183	.0019043
%RSD	46.06262	8.636266	.3001388

#1	-.001921	.0220823	.6327667
#2	-.003600	.0258048	.6341187
#3	-.005219	.0256953	.6365262

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.788	2204.354	27437.63	3515.499	2951.043
Stddev	13.256	4.946	91.20	14.152	4.546
%RSD	.7435672	.2243632	.3323827	.4025474	.1540523

#1	1798.021	2198.956	27473.88	3527.626	2945.811
#2	1776.475	2208.668	27333.88	3499.950	2954.032
#3	1773.869	2205.437	27505.13	3518.921	2953.285

Sample Name: K1439-07 Acquired: 02/18/2019 12:32:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXF7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000994	-.000874	.0041462	-.002455	-.003851	.0435293	.2555307
Stddev	.0029158	.000772	.0006560	.003064	.001419	.0125579	.0008747
%RSD	2934.146	88.35457	15.82070	124.8140	36.84180	28.84939	.3422935

#1	-.002912	-.001480	.0034545	-.004735	-.005471	.0454106	.2564779
#2	.002910	-.001138	.0042248	.001028	-.003253	.0550404	.2553607
#3	.000300	-.000004	.0047593	-.003658	-.002829	.0301368	.2547536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001734	.0001450	70.10205	.0005763	-.000786	.0017296	.4005826
Stddev	.0000292	.0000325	.64595	.0002930	.000377	.0005017	.0349125
%RSD	16.84180	22.41099	.9214455	50.84478	47.89656	29.00736	8.715421

#1	.0002070	.0001825	69.36201	.0002534	-.001119	.0011831	.3938692
#2	.0001546	.0001270	70.55279	.0008252	-.000377	.0021694	.3695144
#3	.0001586	.0001255	70.39134	.0006502	-.000862	.0018364	.4383644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0590558	26.91439	.0000341	.0007407	165.6286	.0014782	.0115193
Stddev	.0019594	.29198	.0006186	.0000447	.9789	.0025257	.0071054
%RSD	3.317831	1.084851	1812.771	6.030051	.5910236	170.8619	61.68248

#1	.0579269	26.61662	-.000346	.0006959	164.4990	.0038776	.0033147
#2	.0613182	27.20022	.000748	.0007852	166.1570	.0017143	.0156252
#3	.0579221	26.92634	-.000300	.0007409	166.2297	-.001157	.0156179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.926028	.0213187	.6476514	.0000418	10.22015	5.470134	-.005204
Stddev	.062309	.0015657	.0071538	.0003337	.04056	.069481	.001009
%RSD	1.587074	7.344143	1.104584	798.4209	.3968325	1.270185	19.38376

#1	3.854207	.0210990	.6396567	-.000051	10.19872	5.398816	-.006285
#2	3.958232	.0198745	.6498484	-.000235	10.19480	5.473965	-.004287
#3	3.965644	.0229826	.6534491	.000412	10.26693	5.537620	-.005040

Sample Name: K1439-07 Acquired: 02/18/2019 12:32:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXF7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000590	.0233697	.9536623
Stddev	.000392	.0021776	.0031260
%RSD	66.45953	9.318187	.3277926

#1	-.000881	.0209456	.9561028
#2	-.000743	.0251605	.9547453
#3	-.000144	.0240030	.9501388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.297	2211.930	27501.30	3505.926	2954.909
Stddev	6.474	13.621	63.55	34.751	14.521
%RSD	.3630394	.6158029	.2310702	.9911952	.4914232

#1	1790.744	2221.546	27472.70	3541.932	2967.745
#2	1779.007	2217.900	27457.07	3503.262	2957.835
#3	1780.139	2196.343	27574.12	3472.585	2939.148

Sample Name: K1440-01 Acquired: 02/18/2019 12:36:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012513	.0011024	.0016828	-.002592	-.003764	-.012797	.0557247
Stddev	.0027268	.0013015	.0001717	.001003	.001207	.002629	.0007064
%RSD	217.9164	118.0594	10.20323	38.68569	32.05807	20.54300	1.267726

#1	.0009686	.0011332	.0016579	-.001478	-.004396	-.015217	.0561594
#2	.0041085	.0023883	.0018656	-.003424	-.002373	-.010000	.0561052
#3	-.001323	-.000214	.0015250	-.002874	-.004523	-.013175	.0549096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001603	-.000031	8.367048	-.000264	-.000219	.0052835	.0526058
Stddev	.0000604	.000125	.020876	.000330	.000174	.0040536	.0131856
%RSD	37.65983	403.7352	.2494990	124.9814	79.78393	76.72127	25.06492

#1	.0001150	-.000148	8.355991	-.000639	-.000334	.0066603	.0669464
#2	.0001371	-.000045	8.354026	-.000014	-.000018	.0007209	.0498649
#3	.0002289	.000100	8.391126	-.000140	-.000304	.0084693	.0410060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115232	3.502775	-.000084	.0004978	253.3683	.0020209	.0037681
Stddev	.0011148	.020584	.000169	.0001711	1.0315	.0074648	.0058865
%RSD	9.674236	.5876548	200.6514	34.36208	.4071306	369.3845	156.2197

#1	.0112092	3.484918	.000097	.0006656	253.3121	.0065082	-.002823
#2	.0105991	3.498119	-.000113	.0003236	254.4268	.0061506	.005627
#3	.0127613	3.525289	-.000238	.0005043	252.3660	-.006596	.008501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.820791	.0838726	1.003093	-.000239	2.786380	3.540164	-.002101
Stddev	.045765	.0007718	.000925	.000341	.017404	.015599	.000577
%RSD	2.513493	.9201947	.0922055	142.6181	.6246227	.4406157	27.43593

#1	1.820086	.0840288	1.002557	.000135	2.786603	3.536633	-.001460
#2	1.866905	.0845544	1.002561	-.000320	2.768866	3.557225	-.002575
#3	1.775382	.0830347	1.004161	-.000532	2.803672	3.526634	-.002269

Sample Name: K1440-01 Acquired: 02/18/2019 12:36:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001316	.0091597	.2126035
Stddev	.001370	.0008829	.0005102
%RSD	104.0800	9.638910	.2399703

#1	-.002897	.0101789	.2122852
#2	-.000482	.0086736	.2123333
#3	-.000569	.0086267	.2131919

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.793	2216.916	27509.46	3491.550	2964.374
Stddev	10.312	12.322	198.34	5.833	10.302
%RSD	.5735789	.5558024	.7210014	.1670693	.3475317

#1	1803.732	2229.673	27650.55	3490.600	2971.199
#2	1803.760	2215.992	27595.15	3497.800	2969.400
#3	1785.886	2205.082	27282.67	3486.250	2952.524

Sample Name: K1440-02 Acquired: 02/18/2019 12:40:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023055	-.000768	.0007656	-.005547	-.004652	-.048762	.5076331
Stddev	.0025991	.001838	.0007376	.000958	.001174	.020071	.0007185
%RSD	112.7338	239.4013	96.34283	17.26841	25.24358	41.16061	.1415296

#1	.0049020	-.002629	.0015101	-.006649	-.003842	-.071851	.5077204
#2	-.000296	.001047	.0007518	-.005078	-.005999	-.038960	.5068750
#3	.002311	-.000722	.0000350	-.004914	-.004115	-.035476	.5083040

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000725	.0000595	109.6528	.0008568	-.001049	-.004534	.2463206
Stddev	.0000524	.0000727	.4031	.0007155	.000299	.003363	.0235045
%RSD	72.28752	122.1448	.3676415	83.50556	28.51631	74.16695	9.542224

#1	.0000708	-.000022	109.9659	.0006199	-.001238	-.007098	.2719082
#2	.0000209	.000081	109.1980	.0002899	-.000704	-.000726	.2413636
#3	.0001257	.000119	109.7947	.0016607	-.001203	-.005779	.2256900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501157	42.94160	.0019591	.0008299	93.28070	-.002953	.0307560
Stddev	.0016204	.24999	.0002039	.0004164	.39559	.002715	.0093803
%RSD	3.233398	.5821560	10.40971	50.17614	.4240819	91.95399	30.49912

#1	.0502924	43.21787	.0020117	.0006535	92.97156	-.004775	.0307840
#2	.0484141	42.73101	.0021316	.0013055	93.14406	.000168	.0213617
#3	.0516405	42.87592	.0017340	.0005307	93.72650	-.004252	.0401222

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.047959	.0063025	.4266684	.0001924	2.649785	5.754681	-.005114
Stddev	.091286	.0026344	.0019552	.0004540	.005549	.035036	.001674
%RSD	1.509372	41.79923	.4582565	236.0007	.2094012	.6088204	32.73890

#1	6.145784	.0076513	.4282306	-.000093	2.649765	5.765472	-.003258
#2	5.965049	.0032669	.4244757	.000716	2.644246	5.715520	-.006510
#3	6.033043	.0079895	.4272990	-.000046	2.655344	5.783052	-.005575

Sample Name: K1440-02 Acquired: 02/18/2019 12:40:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001976	.0268489	1.523885
Stddev	.001696	.0011675	.002763
%RSD	85.83467	4.348407	.1812916

#1	-.000133	.0281918	1.524736
#2	-.003470	.0262799	1.520797
#3	-.002325	.0260750	1.526122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.129	2171.942	27282.19	3488.420	2948.174
Stddev	22.758	9.257	201.00	5.138	13.673
%RSD	1.280615	.4261983	.7367544	.1472971	.4637852

#1	1790.200	2173.929	27380.24	3494.232	2951.292
#2	1750.850	2180.044	27050.98	3486.546	2960.019
#3	1790.336	2161.853	27415.36	3484.481	2933.211

Sample Name: K1440-03 Acquired: 02/18/2019 12:44:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000056	.0011353	.0004838	-.003064	-.002920	.0026764	.1369369
Stddev	.003403	.0006177	.0009513	.001762	.001305	.0019547	.0012020
%RSD	6049.759	54.40371	196.6549	57.51226	44.68945	73.03508	.8777620

#1	.003525	.0004221	.0014179	-.004955	-.003539	.0027726	.1355836
#2	-.003247	.0014958	-.000484	-.002770	-.001421	.0006754	.1373468
#3	-.000447	.0014881	.000517	-.001468	-.003800	.0045813	.1378804

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001284	.0000556	5.901583	-.000285	-.000170	-.000268	-.008090
Stddev	.0000133	.0000726	.028597	.000358	.000249	.005496	.004902
%RSD	10.35624	130.6010	.4845609	125.4321	146.6325	2051.293	60.59120

#1	.0001420	.0000583	5.920933	.000034	.000003	.004604	-.012935
#2	.0001154	-.000018	5.915081	-.000672	-.000455	-.006226	-.003133
#3	.0001278	.000127	5.868736	-.000217	-.000057	.000818	-.008203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027623	4.145483	.0007734	.0003948	149.1768	.0008878	-.016267
Stddev	.0014412	.074464	.0001960	.0003838	.3101	.0046547	.013699
%RSD	52.17198	1.796269	25.34040	97.22071	.2078884	524.2684	84.20981

#1	.0038001	4.229695	.0009630	.0004792	148.8205	.0055282	-.010654
#2	.0011169	4.088337	.0007854	-.000024	149.3855	-.003781	-.006267
#3	.0033701	4.118418	.0005716	.000729	149.3245	.000916	-.031881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.037939	.0378528	1.038330	.0086635	4.909037	3.124394	-.001575
Stddev	.092879	.0023863	.005367	.0002523	.030447	.016238	.000369
%RSD	1.538263	6.304104	.5168644	2.911939	.6202204	.5197273	23.39328

#1	5.980358	.0354419	1.043509	.0086962	4.939221	3.139044	-.001583
#2	6.145087	.0402136	1.038687	.0083964	4.909555	3.127204	-.001940
#3	5.988372	.0379030	1.032793	.0088978	4.878334	3.106934	-.001203

Sample Name: K1440-03 Acquired: 02/18/2019 12:44:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001352	.0059593	.2450410
Stddev	.001831	.0008623	.0007521
%RSD	135.4366	14.46977	.3069335

#1	-.000139	.0064844	.2444427
#2	-.003457	.0049641	.2447948
#3	-.000458	.0064294	.2458853

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.554	2258.947	27912.08	3547.833	3083.128
Stddev	7.140	10.870	67.24	10.583	20.036
%RSD	.3909151	.4812134	.2408929	.2983052	.6498677

#1	1834.040	2253.634	27956.68	3536.450	3075.932
#2	1825.803	2251.754	27944.81	3557.375	3067.683
#3	1819.819	2271.452	27834.74	3549.675	3105.768

Sample Name: K1440-07 Acquired: 02/18/2019 12:48:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025288	-.001296	.0017834	-.003735	-.002454	-.032758	.2522567
Stddev	.0021096	.000730	.0019478	.000896	.001399	.008480	.0007391
%RSD	83.42367	56.31883	109.2161	23.98491	56.98962	25.88713	.2929935

#1	.0000931	-.001220	.0040322	-.004638	-.001421	-.030773	.2521694
#2	.0037174	-.002061	.0006900	-.002846	-.001895	-.042054	.2515652
#3	.0037759	-.000607	.0006281	-.003721	-.004046	-.025446	.2530356

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001679	.0000088	70.87534	.0001470	-.000852	-.000559	.2313775
Stddev	.0000250	.0001286	.07281	.0005515	.000211	.005170	.0206549
%RSD	14.92083	1465.930	.1027258	375.2165	24.81021	925.0137	8.926919

#1	.0001463	.0000891	70.81390	.0007621	-.000613	-.006160	.2089830
#2	.0001953	-.000140	70.85636	-.000018	-.000927	.004032	.2354692
#3	.0001620	.000077	70.95576	-.000303	-.001015	.000451	.2496803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538740	27.54484	-.000468	.0006602	164.2981	-.002020	-.007910
Stddev	.0013101	.32170	.000469	.0001479	.1247	.003682	.011206
%RSD	2.431821	1.167911	100.0632	22.40095	.0759037	182.2690	141.6681

#1	.0552381	27.54701	-.000995	.0005563	164.4420	.001004	-.008565
#2	.0526255	27.22207	-.000096	.0008295	164.2306	-.000944	-.018773
#3	.0537583	27.86545	-.000314	.0005948	164.2218	-.006120	.003609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.946331	.0211156	.6486469	.0000522	10.27224	5.396634	-.003978
Stddev	.043963	.0002984	.0059785	.0002430	.03248	.055218	.000412
%RSD	1.114029	1.413127	.9216840	466.0425	.3162390	1.023188	10.36882

#1	3.895654	.0208366	.6491810	-.000058	10.23750	5.420172	-.003634
#2	3.974249	.0210800	.6424193	-.000116	10.27736	5.333548	-.003865
#3	3.969091	.0214302	.6543404	.000331	10.30186	5.436183	-.004435

Sample Name: K1440-07 Acquired: 02/18/2019 12:48:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXF8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003428	.0226866	.9597679
Stddev	.000470	.0005102	.0020478
%RSD	13.72239	2.249107	.2133602

#1	-.003251	.0226307	.9610554
#2	-.003072	.0232225	.9574066
#3	-.003961	.0222066	.9608418

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.664	2175.179	27244.69	3489.861	2935.421
Stddev	6.344	7.705	95.13	16.973	5.549
%RSD	.3562521	.3542368	.3491806	.4863579	.1890262

#1	1784.675	2176.532	27302.77	3495.307	2941.825
#2	1773.350	2166.887	27134.90	3503.443	2932.372
#3	1783.966	2182.118	27296.40	3470.833	2932.065

Sample Name: K1440-04LX5 Acquired: 02/18/2019 12:57:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD7L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028043	-.001948	.0012413	-.000982	-.003022	-.018951	.0138681
Stddev	.0008155	.001514	.0003551	.002813	.001921	.011112	.0005148
%RSD	29.08027	77.72169	28.60614	286.4615	63.56058	58.63498	3.712197

#1	.0035958	-.003681	.0011062	.002136	-.004109	-.010421	.0143436
#2	.0028502	-.001279	.0009736	-.003329	-.000804	-.031517	.0139392
#3	.0019668	-.000883	.0016441	-.001753	-.004154	-.014914	.0133214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000952	.0000594	34.62239	.0000979	-.000722	.0060332	.5897786
Stddev	.0000643	.0000443	.34397	.0001051	.000272	.0037292	.0268360
%RSD	67.61553	74.66201	.9934830	107.3262	37.66380	61.81097	4.550188

#1	.0000801	.0000974	34.76287	.0000576	-.000714	.0103305	.5605204
#2	.0000397	.0000699	34.87388	.0002171	-.000454	.0036464	.5955678
#3	.0001657	.0000107	34.23042	.0000189	-.000998	.0041227	.6132475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442819	11.81942	.0001585	.0003233	26.47747	-.007568	.0023201
Stddev	.0005390	.11449	.0002733	.0001944	.38820	.001895	.0024852
%RSD	1.217112	.9686327	172.4656	60.12185	1.466168	25.03475	107.1140

#1	.0438621	11.86313	-.000099	.0005430	26.51958	-.009670	.0044559
#2	.0448897	11.90561	.000129	.0002528	26.84291	-.005992	.0029119
#3	.0440938	11.68952	.000445	.0001740	26.06993	-.007043	-.000408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1617263	-.003869	.0041421	.0002367	4.252402	1.329364	-.004101
Stddev	.0715119	.001576	.0003970	.0001630	.011417	.009234	.000943
%RSD	44.21785	40.72285	9.584292	68.84378	.2684837	.6946512	22.98464

#1	.0864500	-.005071	.0037012	.0001165	4.243661	1.338926	-.005166
#2	.2287593	-.002086	.0042539	.0004222	4.248226	1.328669	-.003765
#3	.1699696	-.004451	.0044712	.0001714	4.265319	1.320497	-.003373

Sample Name: K1440-04LX5 Acquired: 02/18/2019 12:57:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001569	.0035381	.0683085
Stddev	.001068	.0016037	.0005048
%RSD	68.09049	45.32717	.7389853

#1	-.002434	.0053816	.0681228
#2	-.000375	.0027682	.0688799
#3	-.001897	.0024645	.0679229

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.232	2181.237	27118.57	3506.800	3009.910
Stddev	8.450	16.782	82.89	38.524	24.079
%RSD	.4765453	.7693872	.3056635	1.098544	.7999891

#1	1768.568	2166.908	27022.86	3468.825	2991.432
#2	1768.143	2199.700	27166.26	3505.725	3037.141
#3	1782.987	2177.103	27166.60	3545.850	3001.157

Sample Name: CCV024 Acquired: 02/18/2019 13:16:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.148451	5.229387	24.16513	5.488995	5.408237	385.0538
Stddev	.010768	.012899	.04005	.011374	.017641	1.6617
%RSD	.2091426	.2466558	.1657376	.2072196	.3261875	.4315404

#1	5.145997	5.223562	24.11915	5.480296	5.391891	385.8324
#2	5.139122	5.244171	24.18387	5.484822	5.405884	383.1458
#3	5.160234	5.220429	24.19237	5.501866	5.426937	386.1832

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03417	.5058491	2.563904	403.3176	15.27353	2.534757
Stddev	.01544	.0024250	.005654	2.7683	.00886	.005654
%RSD	.1538464	.4793872	.2205268	.6863816	.0579780	.2230663

#1	10.01653	.5065424	2.558187	404.3062	15.27171	2.529157
#2	10.04074	.5031530	2.564033	400.1907	15.28315	2.534651
#3	10.04523	.5078519	2.569493	405.4558	15.26572	2.540464

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01996	397.7587	13.53452	382.5593	2.620557	1.252800
Stddev	.03720	2.1188	.06904	2.5461	.003152	.003408
%RSD	.2476999	.5326933	.5100723	.6655550	.1202851	.2719990

#1	14.98045	397.1583	13.52865	382.8207	2.617036	1.250607
#2	15.02510	396.0049	13.46860	379.8925	2.623117	1.256726
#3	15.05432	400.1129	13.60630	384.9646	2.621519	1.251068

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	378.7231	2.451514	14.40083	153.7378	F 5.656857	4.933652
Stddev	2.2825	.011078	.10850	.7368	.029895	.020727
%RSD	.6026897	.4518876	.7534313	.4792674	.5284825	.4201185

#1	380.1825	2.442307	14.35202	153.7746	5.623255	4.942571
#2	376.0927	2.448427	14.52516	152.9832	5.666809	4.909958
#3	379.8940	2.463808	14.32530	154.4554	5.680508	4.948426

Sample Name: CCV024 Acquired: 02/18/2019 13:16:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.720347	5.332110	F 4.385579	F 5.545195	4.610780	5.189471
Stddev	.029862	.022858	.031619	.009488	.016488	.019134
%RSD	.5220265	.4286791	.7209863	.1711096	.3575874	.3687121
#1	5.693811	5.316201	4.410844	5.534834	4.598754	5.193720
#2	5.714547	5.358303	4.350120	5.547289	4.604011	5.168569
#3	5.752683	5.321825	4.395773	5.553461	4.629575	5.206123

Elem	Sr4077
Units	ppm
Avg	4.987525
Stddev	.017649
%RSD	.3538587
#1	4.967440
#2	4.994583
#3	5.000553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.174	1830.193	25266.30	3344.439	2398.485
Stddev	11.906	8.204	57.47	30.988	4.172
%RSD	.7755561	.4482785	.2274501	.9265635	.1739232
#1	1524.975	1835.805	25201.65	3324.990	2401.336
#2	1548.257	1833.997	25311.58	3380.175	2400.422
#3	1532.290	1820.777	25285.68	3328.153	2393.697

Sample Name: CCB024 Acquired: 02/18/2019 13:20:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003008	-.000178	.0025227	.0030291	-.001909	-.010237
Stddev	.001374	.001897	.0014134	.0029697	.001992	.004997
%RSD	45.67505	1066.806	56.02634	98.03997	104.3491	48.81229

#1	-.002922	.000850	.0040930	.0030028	-.003860	-.006590
#2	-.004423	.000983	.0013526	.0060118	-.001989	-.008188
#3	-.001679	-.002367	.0021224	.0000726	.000122	-.015932

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006224	.0000372	.0001358	-.007892	.0002485	.0002345
Stddev	.000726	.0000342	.0000241	.023658	.0003988	.0002450
%RSD	11.66958	91.98766	17.73811	299.7707	160.4799	104.4679

#1	-.006568	.0000362	.0001561	.016193	-.000210	.0004648
#2	-.006715	.0000035	.0001422	-.031099	.000511	.0002615
#3	-.005390	.0000718	.0001092	-.008771	.000444	-.000023

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025111	-.026706	.0023889	-.055992	-.000158	.0004938
Stddev	.0015439	.013570	.0021741	.054943	.000260	.0003584
%RSD	61.48256	50.81342	91.00719	98.12559	165.0808	72.57372

#1	.0007358	-.039799	.0026100	-.044619	-.000439	.0005198
#2	.0035397	-.012704	.0001127	-.007626	-.000110	.0001232
#3	.0032577	-.027615	.0044440	-.115731	.000075	.0008386

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.439362	-.002107	.0220735	.0167243	-.008328	F .0138947
Stddev	.295844	.007435	.0099984	.0516506	.001050	.0006785
%RSD	67.33494	352.9214	45.29598	308.8361	12.60917	4.883044

#1	-.462078	-.009506	.0205184	.0504691	-.008777	.0146427
#2	-.723193	.005363	.0327584	.0424400	-.009080	.0133189
#3	-.132815	-.002177	.0129438	-.042736	-.007128	.0137226

Sample Name: CCB024 Acquired: 02/18/2019 13:20:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001984	-.001339	-.009784	.0006169	-.000948	.0029431
Stddev	.0000395	.003030	.000434	.0007188	.001306	.0005992
%RSD	19.92100	226.3115	4.437296	116.5234	137.7833	20.35793

#1	.0002132	-.004686	-.009875	.0011340	.000197	.0035035
#2	.0002283	-.000547	-.009312	.0009206	-.002370	.0023115
#3	.0001536	.001216	-.010165	-.000204	-.000671	.0030145

Elem	Sr4077
Units	ppm
Avg	-.000043
Stddev	.000039
%RSD	92.31282

#1	-.000020
#2	-.000088
#3	-.000020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.081	2190.228	27008.35	3445.933	3021.110
Stddev	8.042	16.731	153.44	34.057	17.271
%RSD	.4525506	.7638765	.5681264	.9883173	.5716879

#1	1768.228	2176.746	26852.20	3412.275	3002.214
#2	1783.934	2184.987	27158.93	3445.150	3025.032
#3	1779.082	2208.952	27013.91	3480.375	3036.082

Sample Name: PB117108BL Acquired: 02/18/2019 13:34:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002356	-.003953	.0021691	-.001692	-.001772	-.016719	-.005319
Stddev	.002174	.001188	.0011725	.002214	.001718	.018111	.000644
%RSD	92.25928	30.04264	54.05510	130.8275	96.95963	108.3278	12.09991

#1	-.003844	-.005053	.0008304	-.002390	-.002646	-.004316	-.006018
#2	.000139	-.004113	.0026635	-.003474	-.002878	-.008337	-.004751
#3	-.003363	-.002694	.0030135	.000786	.000207	-.037502	-.005189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000860	.0001251	.0005916	-.000265	.0002298	.0015189	-.019078
Stddev	.0000298	.0000327	.0150414	.000355	.0000655	.0006545	.015907
%RSD	34.68749	26.13898	2542.414	134.0672	28.50427	43.08972	83.37973

#1	.0000937	.0001203	.0166562	-.000602	.0001939	.0022462	-.033460
#2	.0000530	.0000951	-.013158	-.000299	.0001901	.0013330	-.021783
#3	.0001111	.0001600	-.001723	.000106	.0003054	.0009774	-.001992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001678	.0212434	-.000204	.0006928	-.603529	-.004801	.0014362
Stddev	.0009423	.0449909	.000291	.0004303	.198446	.002876	.0138080
%RSD	561.7460	211.7876	142.5490	62.11003	32.88103	59.89278	961.4104

#1	-.000592	.0595738	-.000541	.0003149	-.677534	-.001907	-.002433
#2	-.000127	-.028291	-.000024	.0011611	-.378714	-.007658	.016766
#3	.001222	.032447	-.000049	.0006023	-.754339	-.004839	-.010024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.211032	-.006066	-.001681	.0000040	-.000991	-.011491	-.001515
Stddev	.020970	.001746	.000292	.0002700	.002835	.000628	.001295
%RSD	9.937057	28.78269	17.37295	6825.282	285.9848	5.463772	85.45766

#1	-.187634	-.007661	-.002008	-.000299	-.003746	-.012177	-.001161
#2	-.228131	-.006337	-.001587	.000092	.001917	-.010946	-.000435
#3	-.217332	-.004201	-.001447	.000219	-.001145	-.011348	-.002951

Sample Name: PB117108BL Acquired: 02/18/2019 13:34:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001307	-.001474	.0000181
Stddev	.003169	.001222	.0000833
%RSD	242.4386	82.89222	460.9979

#1	-.004275	-.002885	.0000752
#2	-.001678	-.000819	.0000565
#3	.002031	-.000720	-.000078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.572	2120.267	26528.99	3439.050	2957.709
Stddev	20.664	3.455	88.64	16.125	6.118
%RSD	1.190618	.1629455	.3341162	.4688784	.2068464

#1	1711.749	2124.242	26472.31	3420.775	2957.706
#2	1748.654	2118.567	26631.14	3445.100	2963.829
#3	1746.312	2117.991	26483.53	3451.275	2951.593

Sample Name: K1388-01 Acquired: 02/18/2019 13:47:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0JJ6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036642	-.002942	.0073447	-.002176	-.002066	.7524873	.1721877
Stddev	.0035176	.000411	.0009574	.001011	.001485	.0074890	.0007726
%RSD	95.99831	13.97332	13.03565	46.47143	71.88511	.9952265	.4487140

#1	.0074107	-.002813	.0069603	-.002185	-.000367	.7550035	.1718706
#2	.0004322	-.002611	.0066392	-.003183	-.002714	.7440643	.1730685
#3	.0031498	-.003402	.0084346	-.001160	-.003118	.7583941	.1716241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001739	.0002150	91.90257	.0006222	-.000795	.0393849	.1982135
Stddev	.0000747	.0000645	.31537	.0003650	.000215	.0034982	.0422117
%RSD	42.97548	29.98135	.3431604	58.65491	27.09354	8.882184	21.29610

#1	.0002591	.0001408	92.03351	.0007091	-.000977	.0427906	.1674443
#2	.0001429	.0002574	92.13138	.0009360	-.000849	.0395632	.2463360
#3	.0001196	.0002468	91.54282	.0002217	-.000557	.0358009	.1808601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062659	35.29026	.0111130	.0006708	24.81359	.0037433	.2241480
Stddev	.0005996	.07555	.0005935	.0005778	.38091	.0061312	.0112947
%RSD	9.569049	.2140786	5.340221	86.14174	1.535091	163.7906	5.038930

#1	.0064861	35.32223	.0106461	.0013206	25.07765	.0101009	.2336613
#2	.0055873	35.20398	.0117808	.0002147	24.98617	.0032621	.2271173
#3	.0067242	35.34457	.0109119	.0004771	24.37693	-.002133	.2116653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.332847	.0510612	.0123455	.0011097	10.16745	9.029192	-.004980
Stddev	.074223	.0026238	.0003848	.0001896	.06195	.060265	.000415
%RSD	22.29943	5.138465	3.117109	17.08633	.6092565	.6674493	8.335245

#1	-.323049	.0515285	.0120521	.0013155	10.12041	9.059796	-.004651
#2	-.411483	.0534199	.0122031	.0010713	10.14430	9.068014	-.004843
#3	-.264010	.0482352	.0127812	.0009422	10.23764	8.959765	-.005447

Sample Name: K1388-01 Acquired: 02/18/2019 13:47:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0JJ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002523	.0264938	.6161015
Stddev	.001429	.0016769	.0023705
%RSD	56.66016	6.329345	.3847616

#1	-.003868	.0281875	.6166866
#2	-.001022	.0264598	.6181247
#3	-.002678	.0248342	.6134932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.904	2207.795	27817.19	3524.190	3038.345
Stddev	4.535	9.427	169.10	8.223	10.169
%RSD	.2496267	.4269688	.6078875	.2333168	.3346963

#1	1820.284	2207.332	27732.55	3514.697	3044.357
#2	1811.750	2217.444	28011.89	3528.783	3044.075
#3	1818.679	2198.608	27707.12	3529.090	3026.604

Sample Name: K1388-02 Acquired: 02/18/2019 13:51:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0JJ6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026288	.0002584	.0072857	-.001635	-.003607	.7469301	.1687479
Stddev	.0042991	.0033573	.0009935	.001353	.000741	.0173583	.0003574
%RSD	163.5363	1299.314	13.63669	82.74303	20.54179	2.323958	.2117981

#1	.0053793	.0038110	.0083384	-.003139	-.003564	.7276394	.1691591
#2	.0048324	-.002862	.0071540	-.001247	-.004369	.7518621	.1685125
#3	-.002325	-.000174	.0063645	-.000518	-.002889	.7612887	.1685720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001583	.0002015	91.11683	.0007525	-.001163	.0400809	.1769796
Stddev	.0000402	.0000817	.30122	.0005709	.000059	.0030302	.0114646
%RSD	25.39815	40.55194	.3305868	75.86407	5.047570	7.560171	6.477938

#1	.0001239	.0002715	91.26924	.0003674	-.001217	.0420174	.1873445
#2	.0001484	.0002213	90.76987	.0014084	-.001170	.0365889	.1646652
#3	.0002025	.0001117	91.31139	.0004818	-.001100	.0416365	.1789291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048396	35.20750	.0111187	.0010057	24.62770	-.006671	.2090731
Stddev	.0011309	.30922	.0003317	.0001745	.17711	.005495	.0083147
%RSD	23.36736	.8782840	2.983030	17.34821	.7191545	82.36378	3.976961

#1	.0043088	35.02100	.0114892	.0008125	24.44384	-.005396	.2008671
#2	.0040718	35.03705	.0108494	.0010529	24.64206	-.012692	.2088596
#3	.0061382	35.56444	.0110174	.0011518	24.79719	-.001926	.2174925

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.452173	.0482183	.0100501	.0012941	10.10626	8.868293	-.005546
Stddev	.118415	.0064041	.0005683	.0001513	.04935	.086547	.000542
%RSD	26.18789	13.28137	5.655060	11.69557	.4883511	.9759162	9.764936

#1	-.316934	.0480665	.0099658	.0011199	10.06797	8.952370	-.005981
#2	-.502334	.0418915	.0106559	.0013938	10.08884	8.873038	-.005717
#3	-.537252	.0546970	.0095287	.0013685	10.16196	8.779471	-.004939

Sample Name: K1388-02 Acquired: 02/18/2019 13:51:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0JJ6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001787	.0242937	.6088586
Stddev	.002832	.0019942	.0017216
%RSD	158.4133	8.208697	.2827580

#1	-.004308	.0259001	.6070309
#2	.001276	.0249192	.6090951
#3	-.002331	.0220617	.6104497

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.757	2193.315	27605.76	3546.239	3021.323
Stddev	11.228	11.272	258.38	4.085	13.070
%RSD	.6217827	.5139125	.9359512	.1151967	.4325905

#1	1818.606	2205.338	27896.19	3550.514	3030.481
#2	1797.837	2191.621	27519.68	3542.375	3027.132
#3	1800.827	2182.986	27401.41	3545.828	3006.355

Sample Name: K1388-03 Acquired: 02/18/2019 13:55:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0JJ6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399501	.0517231	.0241966	.0084320	.0910803	2.531437	2.132946
Stddev	.0036681	.0005628	.0003378	.0004803	.0026336	.019390	.004340
%RSD	9.181614	1.088178	1.396003	5.696773	2.891500	.7659786	.2034972

#1	.0424757	.0510750	.0239185	.0079260	.0886002	2.527427	2.137614
#2	.0357427	.0520059	.0245725	.0084881	.0907963	2.552519	2.132192
#3	.0416320	.0520885	.0240987	.0088818	.0938444	2.514366	2.129032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512545	.0505610	86.94176	.2008400	.4758128	.2822661	1.009954
Stddev	.0002355	.0002447	.32935	.0021262	.0003727	.0043338	.026608
%RSD	.4594874	.4838643	.3788120	1.058673	.0783213	1.535360	2.634575

#1	.0511256	.0502822	86.56906	.2031622	.4762267	.2811001	.986209
#2	.0515263	.0507398	87.19361	.2003691	.4757078	.2870636	1.004942
#3	.0511115	.0506609	87.06261	.1989887	.4755039	.2786346	1.038712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4647953	33.36242	.5181744	.0489886	23.77360	.5064534	.6494698
Stddev	.0017804	.18933	.0004868	.0007301	.15581	.0010937	.0045364
%RSD	.3830506	.5674845	.0939418	1.490351	.6553978	.2159603	.6984807

#1	.4628000	33.14628	.5177699	.0496728	23.67646	.5072859	.6541308
#2	.4653640	33.49893	.5187146	.0490730	23.95332	.5068596	.6450692
#3	.4662218	33.44204	.5180386	.0482200	23.69103	.5052147	.6492092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.414966	.0456401	.0106688	.0013031	9.708049	8.477617	-.005173
Stddev	.066611	.0014393	.0012725	.0001585	.047905	.038881	.000388
%RSD	16.05216	3.153481	11.92770	12.16094	.4934518	.4586302	7.495617

#1	-.419306	.0469988	.0099522	.0011846	9.653808	8.437608	-.004740
#2	-.479301	.0441320	.0099161	.0012417	9.744566	8.479981	-.005488
#3	-.346291	.0457895	.0121380	.0014831	9.725772	8.515262	-.005293

Sample Name: K1388-03 Acquired: 02/18/2019 13:55:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0JJ6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001868	.0234925	.5841208
Stddev	.000240	.0014000	.0007866
%RSD	12.87067	5.959149	.1346722

#1	-.002107	.0243310	.5849910
#2	-.001626	.0242702	.5834602
#3	-.001870	.0218764	.5839111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.935	2259.034	28324.62	3642.198	3108.333
Stddev	6.537	3.134	64.70	18.569	2.568
%RSD	.3514659	.1387435	.2284285	.5098319	.0826294

#1	1854.316	2259.292	28252.41	3663.626	3111.186
#2	1867.109	2262.030	28377.31	3630.829	3106.207
#3	1858.378	2255.778	28344.15	3632.139	3107.605

Sample Name: K1388-01LX5 Acquired: 02/18/2019 13:59:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0JJ6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004040	-.003092	.0024535	-.000640	-.000086	.1346398	.0300673
Stddev	.001187	.001167	.0006450	.003273	.001300	.0263442	.0015707
%RSD	29.38426	37.73435	26.28842	511.2276	1511.990	19.56640	5.223901

#1	-.002735	-.002040	.0031708	-.002334	.000260	.1414987	.0294612
#2	-.005055	-.004347	.0019212	-.002718	-.001524	.1568761	.0288899
#3	-.004332	-.002889	.0022685	.003132	.001006	.1055446	.0318507

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000437	.0000544	18.16672	-.000173	-.000225	.0109544	.0375595
Stddev	.0000526	.0000668	.08629	.000283	.000394	.0018445	.0082085
%RSD	120.2592	122.7132	.4749670	163.7856	175.1311	16.83757	21.85477

#1	.0000986	-.000011	18.12234	.000133	-.000148	.0128488	.0349468
#2	.0000387	.000122	18.26617	-.000425	-.000651	.0091643	.0467564
#3	-.000006	.000052	18.11166	-.000226	.000125	.0108502	.0309753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022937	6.862991	.0020618	.0004694	4.374698	-.001726	.0494878
Stddev	.0017067	.052668	.0001932	.0003267	.190030	.010847	.0194339
%RSD	74.41112	.7674258	9.372371	69.59514	4.343854	628.4786	39.27019

#1	.0034831	6.832306	.0021207	.0002416	4.176095	.003175	.0677596
#2	.0030598	6.923806	.0018459	.0008437	4.554804	-.014159	.0516339
#3	.0003381	6.832861	.0022187	.0003229	4.393194	.005806	.0290698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.276139	.0055094	-.003639	.0003854	1.951505	1.719330	-.003699
Stddev	.117460	.0024792	.000727	.0001557	.005589	.004572	.001120
%RSD	42.53653	44.99928	19.98267	40.38814	.2864108	.2659258	30.28356

#1	-.373122	.0026469	-.002823	.0005532	1.955436	1.714485	-.004354
#2	-.309763	.0069715	-.003876	.0003574	1.945107	1.719936	-.002406
#3	-.145534	.0069098	-.004219	.0002456	1.953973	1.723569	-.004337

Sample Name: K1388-01LX5 Acquired: 02/18/2019 13:59:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0JJ6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000990	.0028395	.1225894
Stddev	.000656	.0026948	.0003144
%RSD	66.28055	94.90650	.2564270

#1	-.000236	.0010119	.1222317
#2	-.001431	.0059343	.1227147
#3	-.001303	.0015722	.1228218

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.995	2174.861	27053.53	3493.800	3020.445
Stddev	8.905	8.009	74.51	6.876	6.934
%RSD	.5016823	.3682690	.2754056	.1968006	.2295751

#1	1767.761	2176.401	26995.99	3501.525	3013.439
#2	1784.940	2181.989	27026.90	3491.525	3027.305
#3	1772.283	2166.194	27137.69	3488.350	3020.590

Sample Name: K1388-04 Acquired: 02/18/2019 14:03:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0JJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000466	-.002949	.0052176	-.002209	-.004315	.0227440	.1681395
Stddev	.006362	.001611	.0014548	.001038	.000894	.0055220	.0013300
%RSD	1364.909	54.64892	27.88285	47.00492	20.71429	24.27888	.7910077

#1	.004918	-.001186	.0067317	-.002574	-.005327	.0282138	.1666150
#2	-.007486	-.004345	.0038303	-.003014	-.003985	.0171712	.1690624
#3	.001170	-.003315	.0050909	-.001037	-.003633	.0228469	.1687411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002060	.0000520	89.97714	.0003521	-.000966	.0159300	.0016288
Stddev	.0000793	.0000446	.92613	.0004218	.000084	.0039322	.0189031
%RSD	38.49531	85.67571	1.029294	119.8181	8.683177	24.68433	1160.592

#1	.0002976	.0000039	89.03249	.0004001	-.000989	.0114084	.0197725
#2	.0001614	.0000919	90.01538	.0007478	-.000873	.0185498	-.017952
#3	.0001591	.0000604	90.88356	-.000092	-.001035	.0178317	.003065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031002	34.95591	.0023702	.0007015	24.94674	-.002386	.0847653
Stddev	.0004679	.30584	.0002408	.0002383	.20289	.006156	.0093225
%RSD	15.09137	.8749428	10.15965	33.96712	.8132999	257.9914	10.99807

#1	.0035625	34.60303	.0023542	.0009065	24.72154	-.001096	.0740665
#2	.0026270	35.14460	.0026187	.0007579	25.11528	.003023	.0911453
#3	.0031112	35.12010	.0021379	.0004400	25.00339	-.009084	.0890840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.443822	.0349250	.0099956	.0012238	10.08169	8.564277	-.005801
Stddev	.060584	.0008849	.0008965	.0000889	.02016	.093231	.000411
%RSD	13.65052	2.533809	8.968693	7.262766	.1999588	1.088606	7.080789

#1	-.451862	.0359267	.0094973	.0013210	10.09401	8.459193	-.006273
#2	-.499985	.0345990	.0094589	.0011467	10.05842	8.637071	-.005604
#3	-.379620	.0342493	.0110305	.0012038	10.09262	8.596565	-.005526

Sample Name: K1388-04 Acquired: 02/18/2019 14:03:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0JJ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003355	.0254553	.6082415
Stddev	.002790	.0009493	.0023111
%RSD	83.14969	3.729355	.3799681

#1	-.000508	.0245609	.6059855
#2	-.003474	.0253537	.6081348
#3	-.006083	.0264514	.6106041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.260	2165.898	27344.40	3504.040	2998.308
Stddev	14.034	8.688	144.29	34.458	12.860
%RSD	.7825716	.4011410	.5276779	.9833687	.4289249

#1	1790.759	2174.737	27448.15	3540.035	3009.262
#2	1808.376	2165.589	27405.44	3500.724	3001.515
#3	1780.646	2157.368	27179.63	3471.359	2984.148

Sample Name: PB117018BS Acquired: 02/18/2019 14:31:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215954	.0561131	.0208270	.0744438	.1340952	.3962778
Stddev	.0032803	.0015728	.0012511	.0021892	.0006964	.0090008
%RSD	15.18970	2.802939	6.007271	2.940692	.5193140	2.271345

#1	.0253459	.0575052	.0211043	.0720282	.1335770	.3976076
#2	.0192610	.0544069	.0194605	.0750065	.1348868	.4045398
#3	.0201795	.0564271	.0219162	.0762966	.1338219	.3866861

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4235395	.0109918	.0111331	9.683892	.0225884	.1019083
Stddev	.0033154	.0001518	.0000732	.024349	.0004869	.0004549
%RSD	.7827928	1.381096	.6573228	.2514375	2.155587	.4464064

#1	.4264622	.0111267	.0111129	9.697225	.0221065	.1017369
#2	.4199368	.0110212	.0112142	9.655789	.0225787	.1015639
#3	.4242195	.0108274	.0110721	9.698663	.0230801	.1024240

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551424	.1478593	.0363055	10.15508	.0901771	.0210151
Stddev	.0020213	.0115883	.0022194	.06683	.0006742	.0000911
%RSD	3.665623	7.837362	6.113179	.6581080	.7476527	.4333429

#1	.0567855	.1515957	.0354681	10.21495	.0894625	.0210788
#2	.0528852	.1348638	.0388218	10.08298	.0902669	.0210557
#3	.0557564	.1571185	.0346266	10.16732	.0908019	.0209108

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.479660	.1061930	.1125830	10.20091	.0170862	F .0128364
Stddev	.101985	.0044040	.0220450	.01728	.0022631	.0011790
%RSD	1.075826	4.147166	19.58108	.1694112	13.24507	9.184843

#1	9.486999	.1074704	.1367586	10.19638	.0163570	.0127321
#2	9.374203	.1098171	.0935932	10.22000	.0196240	.0117130
#3	9.577776	.1012915	.1073974	10.18634	.0152777	.0140640

Sample Name: PB117018BS Acquired: 02/18/2019 14:31:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255405	.1974762	.1733271	.0142750	.2009031	.0981165
Stddev	.0003740	.0020625	.0012536	.0012239	.0009558	.0012245
%RSD	1.464252	1.044421	.7232745	8.573710	.4757506	1.247996

#1	.0256056	.1963686	.1747674	.0131897	.1998859	.0970059
#2	.0258776	.1998559	.1727320	.0156016	.2010407	.0994296
#3	.0251382	.1962042	.1724819	.0140337	.2017826	.0979139

Elem	Sr4077
Units	ppm
Avg	.2122400
Stddev	.0011463
%RSD	.5400883

#1	.2130535
#2	.2109290
#3	.2127375

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.580	2103.924	26683.20	3464.375	3001.164
Stddev	7.294	7.966	83.57	21.037	11.902
%RSD	.4159316	.3786033	.3132015	.6072480	.3965686

#1	1753.798	2097.775	26611.22	3446.775	2997.639
#2	1760.762	2112.922	26774.85	3458.675	3014.430
#3	1746.180	2101.075	26663.53	3487.675	2991.423

Sample Name: PB1171398BS Acquired: 02/18/2019 14:38:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175372	.0554376	.0180004	.0756221	.1277857	.3807770
Stddev	.0032744	.0016921	.0012698	.0009090	.0023642	.0058344
%RSD	18.67148	3.052355	7.054072	1.202041	1.850161	1.532243

#1	.0204585	.0537044	.0175173	.0758436	.1270545	.3775510
#2	.0181552	.0570855	.0170430	.0746228	.1258735	.3772679
#3	.0139977	.0555229	.0194408	.0763999	.1304292	.3875120

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4057273	.0106331	.0108834	9.254337	.0216968	.0997442
Stddev	.0011988	.0000854	.0000452	.061031	.0003960	.0004225
%RSD	.2954767	.8033339	.4155073	.6594817	1.825018	.4235780

#1	.4044437	.0105500	.0108524	9.236979	.0212825	.0994606
#2	.4059201	.0107207	.0108625	9.322167	.0217365	.0995421
#3	.4068180	.0106287	.0109353	9.203866	.0220714	.1002298

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546821	.1408184	.0349295	9.679410	.0884248	.0204326
Stddev	.0043616	.0366938	.0010759	.093322	.0005050	.0002905
%RSD	7.976306	26.05751	3.080225	.9641337	.5711322	1.421912

#1	.0499183	.1282775	.0341366	9.657724	.0878436	.0207573
#2	.0584793	.1821384	.0361542	9.781666	.0887568	.0203432
#3	.0556488	.1120391	.0344976	9.598839	.0886741	.0201973

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.073204	.0941525	.1100876	9.832371	.0173692	F .0115664
Stddev	.073206	.0139230	.0097357	.010157	.0018238	.0012119
%RSD	.8068341	14.78776	8.843583	.1032997	10.50009	10.47754

#1	9.086534	.1041467	.1157201	9.839020	.0153124	.0117936
#2	9.138828	.1000613	.1156969	9.837412	.0180061	.0126486
#3	8.994249	.0782495	.0988458	9.820679	.0187892	.0102570

Sample Name: PB1171398BS Acquired: 02/18/2019 14:38:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0245735	.1966936	.1693711	.0135249	.1911417	.0928165
Stddev	.0002413	.0032213	.0015650	.0004393	.0028194	.0015572
%RSD	.9819157	1.637733	.9240015	3.248194	1.475051	1.677689
#1	.0245785	.2002008	.1679644	.0140275	.1896083	.0944452
#2	.0243297	.1938669	.1690920	.0133333	.1943956	.0913423
#3	.0248122	.1960131	.1710568	.0132139	.1894213	.0926620

Elem	Sr4077
Units	ppm
Avg	.2036077
Stddev	.0012735
%RSD	.6254526
#1	.2027928
#2	.2029552
#3	.2050752

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.703	2131.308	26846.80	3455.217	3016.993
Stddev	10.594	9.149	64.62	24.937	5.950
%RSD	.6010094	.4292692	.2406972	.7217185	.1972165
#1	1770.538	2129.769	26853.15	3464.850	3021.066
#2	1750.649	2141.129	26779.24	3426.900	3019.749
#3	1766.921	2123.026	26908.00	3473.900	3010.165

Sample Name: CCV025 Acquired: 02/18/2019 14:50:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.129486	5.208102	23.75494	4.506023	5.471791	386.4658
Stddev	.027355	.007911	.09873	.012691	.017294	2.8260
%RSD	.5332972	.1518975	.4156131	.2816391	.3160636	.7312391

#1	5.127372	5.204937	23.67718	4.500547	5.472288	383.2420
#2	5.103249	5.202265	23.72162	4.496990	5.454254	387.6403
#3	5.157837	5.217106	23.86602	4.520532	5.488833	388.5152

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.953399	.5083720	2.550513	399.1228	15.17325	2.503864
Stddev	.026774	.0040095	.008787	4.7209	.01681	.009131
%RSD	.2689912	.7886973	.3445303	1.182812	.1108006	.3646898

#1	9.922925	.5037504	2.543619	393.7573	15.16989	2.498246
#2	9.964130	.5109199	2.547514	400.9718	15.19149	2.498947
#3	9.973143	.5104459	2.560407	402.6393	15.15838	2.514401

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98071	400.2606	14.97166	383.7716	2.610357	1.231789
Stddev	.08469	5.0026	.25630	4.7389	.010178	.004937
%RSD	.5653138	1.249824	1.711882	1.234820	.3898942	.4007748

#1	14.88306	394.4932	14.67925	378.3099	2.601361	1.234975
#2	15.02499	402.8648	15.07838	386.2112	2.608306	1.234290
#3	15.03408	403.4238	15.15735	386.7936	2.621404	1.226103

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	378.0253	2.442860	14.09974	153.1916	F 5.701610	4.858211
Stddev	3.0766	.017112	.09356	1.1833	.019732	.040239
%RSD	.8138556	.7004794	.6635768	.7724439	.3460701	.8282601

#1	375.1566	2.423794	14.06096	151.8386	5.702369	4.813720
#2	377.6448	2.456884	14.03180	153.7026	5.681510	4.892056
#3	381.2744	2.447903	14.20646	154.0335	5.720952	4.868857

Sample Name: CCV025 Acquired: 02/18/2019 14:50:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.815285	5.302787	F 4.287369	F 5.554964	4.524574	5.148586
Stddev	.013156	.041282	.026031	.016203	.027556	.018362
%RSD	.2262278	.7784950	.6071604	.2916788	.6090404	.3566487
#1	5.806664	5.256343	4.257323	5.541585	4.493577	5.129497
#2	5.808764	5.316710	4.303127	5.550328	4.533848	5.150138
#3	5.830428	5.335307	4.301658	5.572979	4.546297	5.166123

Elem	Sr4077
Units	ppm
Avg	4.921159
Stddev	.019950
%RSD	.4053987
#1	4.898123
#2	4.932643
#3	4.932712

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.910	1795.831	25282.95	3331.964	2399.642
Stddev	13.858	3.128	82.69	40.167	5.908
%RSD	.8970397	.1741732	.3270621	1.205510	.2462048
#1	1552.096	1795.183	25378.22	3377.441	2402.187
#2	1553.700	1799.232	25229.87	3317.121	2403.851
#3	1528.934	1793.078	25240.75	3301.331	2392.888

Sample Name: CCB025 Acquired: 02/18/2019 14:53:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003418	-.001111	.0022468	.0019985	-.000356	.0015954	-.004973
Stddev	.001959	.001510	.0002280	.0032333	.000673	.0152858	.000770
%RSD	57.30815	135.9684	10.14850	161.7872	188.9882	958.1187	15.48949

#1	-.005262	-.002852	.0020081	.0011527	-.000713	.0152111	-.004862
#2	-.001361	-.000171	.0024624	-.000728	.000420	.0045147	-.005793
#3	-.003632	-.000308	.0022699	.005571	-.000775	-.014940	-.004264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000885	.0001180	.0182946	.0001778	.0001013	.0041628	-.001370
Stddev	.0000310	.0000427	.0174161	.0002544	.0002205	.0062124	.019601
%RSD	35.03061	36.22712	95.19846	143.1383	217.6467	149.2338	1431.131

#1	.0000751	.0001611	.0099500	-.000115	.0001532	-.001864	-.002861
#2	.0000665	.0001174	.0383129	.000302	-.000141	.010546	-.020183
#3	.0001240	.0000756	.0066208	.000346	.000291	.003807	.018935

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015284	-.005352	-.000497	.0003981	-.457026	-.006405	.0046589
Stddev	.0010052	.049978	.000539	.0005932	.134786	.012497	.0051169
%RSD	65.76537	933.8875	108.6030	148.9911	29.49198	195.1267	109.8313

#1	.0007524	-.045621	-.000404	.0005064	-.607327	-.018405	.0088285
#2	.0011689	-.021016	-.001077	-.000242	-.416867	.006536	-.001051
#3	.0026639	.050582	-.000010	.000930	-.346883	-.007345	.006199

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035050	-.006844	.0035221	-.000064	.0012721	-.010465	-.001579
Stddev	.031864	.001187	.0006333	.000228	.0027347	.000774	.000270
%RSD	90.90858	17.34638	17.97954	358.9482	214.9787	7.395469	17.08055

#1	-.056482	-.005797	.0027939	.000199	.0010351	-.011347	-.001827
#2	-.050235	-.006601	.0039444	-.000211	.0041176	-.010149	-.001619
#3	.001566	-.008133	.0038278	-.000179	-.001336	-.009899	-.001292

Sample Name: CCB025 Acquired: 02/18/2019 14:53:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003753	-.001866	-.000007
Stddev	.0015339	.000112	.000092
%RSD	408.7133	5.984043	1242.279

#1	.0017567	-.001915	.000050
#2	.0006446	-.001945	.000042
#3	-.001275	-.001738	-.000114

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.654	2124.512	26765.88	3441.958	3019.827
Stddev	8.695	7.701	15.24	15.503	5.332
%RSD	.4938333	.3624647	.0569503	.4503990	.1765582

#1	1751.024	2115.622	26749.31	3425.950	3014.668
#2	1763.009	2129.100	26779.30	3443.025	3025.316
#3	1767.929	2128.815	26769.04	3456.900	3019.496

Sample Name: K1439-04A Acquired: 02/18/2019 15:59:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXD6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081807	-.000091	.0019900	.0633695	-.003039	-.079973	.0866140
Stddev	.0031172	.001050	.0009637	.0007557	.001969	.005001	.0009501
%RSD	38.10413	1153.617	48.42422	1.192512	64.77813	6.253677	1.096915

#1	.0052087	-.000661	.0018307	.0632797	-.003038	-.078894	.0868814
#2	.0114252	-.000732	.0030234	.0626627	-.005008	-.085425	.0855589
#3	.0079082	.001120	.0011159	.0641661	-.001071	-.075599	.0874017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001979	.0001252	166.2816	.0005408	-.001040	.0006945	3.233360
Stddev	.0000410	.0000171	.3220	.0002687	.000432	.0012300	.035327
%RSD	20.73666	13.64298	.1936619	49.68244	41.48983	177.1023	1.092578

#1	.0002323	.0001440	166.6528	.0002481	-.001486	.0020617	3.268513
#2	.0001524	.0001106	166.1145	.0007763	-.001010	-.000322	3.233705
#3	.0002089	.0001211	166.0775	.0005981	-.000625	.000344	3.197862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2176837	58.80877	.0006211	.0006448	132.3866	-.004962	.0168608
Stddev	.0020922	.07736	.0001977	.0004368	.5847	.006240	.0077469
%RSD	.9611155	.1315428	31.83367	67.73907	.4416332	125.7498	45.94623

#1	.2178218	58.72467	.0006039	.0011386	133.0127	-.006079	.0080356
#2	.2197034	58.82476	.0008268	.0004861	131.8548	.001761	.0225389
#3	.2155259	58.87689	.0004325	.0003095	132.2924	-.010568	.0200079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.319643	-.002866	.0375647	.0008429	22.11234	6.424667	-.006628
Stddev	.023718	.002011	.0005593	.0002007	.16310	.040606	.000437
%RSD	1.797309	70.15271	1.488954	23.81203	.7375870	.6320257	6.598169

#1	1.305562	-.003464	.0369362	.0006184	22.03017	6.400928	-.006123
#2	1.347027	-.000624	.0377502	.0010050	22.00667	6.401520	-.006875
#3	1.306341	-.004509	.0380077	.0009053	22.30018	6.471553	-.006885

Sample Name: K1439-04A Acquired: 02/18/2019 15:59:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD6A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004754	.0261193	.3304774
Stddev	.000685	.0015279	.0010478
%RSD	14.41890	5.849529	.3170611

#1	-.005414	.0246695	.3297649
#2	-.004802	.0259737	.3299866
#3	-.004046	.0277148	.3316805

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.303	2055.680	27020.00	3483.869	2887.938
Stddev	7.231	16.488	65.89	9.652	21.472
%RSD	.4052692	.8020738	.2438486	.2770351	.7435177

#1	1781.219	2066.688	26978.74	3473.762	2902.383
#2	1779.126	2063.628	26985.28	3492.989	2898.168
#3	1792.565	2036.723	27095.99	3484.855	2863.264

Sample Name: K1440-04A Acquired: 02/18/2019 16:04:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXD7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105379	-.000115	.0028989	.0593144	-.001549	-.080616	.0853360
Stddev	.0039521	.002346	.0012864	.0026483	.002110	.002999	.0014429
%RSD	37.50393	2038.662	44.37422	4.464922	136.2690	3.720423	1.690796

#1	.0086459	.002466	.0042253	.0623691	-.003908	-.083987	.0855783
#2	.0150803	-.000696	.0016567	.0576644	.000158	-.079615	.0837874
#3	.0078874	-.002116	.0028147	.0579096	-.000896	-.078245	.0866424

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001734	.0001674	165.0293	.0006194	-.000798	.0008626	3.221079
Stddev	.0000298	.0000289	.4002	.0001863	.000093	.0036950	.031293
%RSD	17.18233	17.22718	.2425308	30.07895	11.62510	428.3819	.9715030

#1	.0001419	.0001948	164.9183	.0004705	-.000904	-.003139	3.245452
#2	.0001772	.0001702	164.6962	.0005594	-.000761	.001581	3.185791
#3	.0002011	.0001373	165.4733	.0008283	-.000730	.004146	3.231996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2128926	58.34830	.0001733	.0011734	132.0568	-.004853	.0050921
Stddev	.0016205	.43226	.0007843	.0001872	.7171	.007281	.0099083
%RSD	.7611792	.7408188	452.5463	15.95344	.5430611	150.0160	194.5837

#1	.2119758	57.99895	.0010469	.0009892	132.3989	-.010827	.0158171
#2	.2147636	58.21426	-.000057	.0013634	131.2327	-.006989	-.003721
#3	.2119383	58.83170	-.000470	.0011677	132.5389	.003256	.003180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.264325	-.005489	.0366988	.0009919	21.95060	6.290708	-.005847
Stddev	.031849	.001274	.0006667	.0001857	.07663	.039079	.000197
%RSD	2.519055	23.21333	1.816562	18.71924	.3490980	.6212098	3.363355

#1	1.231899	-.006771	.0364063	.0008750	21.93111	6.256145	-.005813
#2	1.295564	-.005472	.0362284	.0008947	22.03510	6.282866	-.006058
#3	1.265512	-.004223	.0374617	.0012060	21.88561	6.333113	-.005669

Sample Name: K1440-04A Acquired: 02/18/2019 16:04:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXD7A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004657	.0265975	.3276137
Stddev	.002401	.0007367	.0006755
%RSD	51.56706	2.769872	.2061983

#1	-.007310	.0272698	.3276646
#2	-.004028	.0267126	.3269142
#3	-.002632	.0258099	.3282624

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.603	2055.939	27077.27	3512.473	2893.700
Stddev	7.073	6.154	16.94	15.240	6.543
%RSD	.3972389	.2993416	.0625502	.4338890	.2261048

#1	1780.994	2053.836	27095.55	3505.842	2890.460
#2	1773.342	2051.112	27074.16	3529.905	2889.410
#3	1787.473	2062.869	27062.11	3501.672	2901.231

Sample Name: K1388-01A Acquired: 02/18/2019 16:08:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0JJ6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000177	-.000898	.0079120	.0614637	-.003153	.7321354	.1689799
Stddev	.004550	.002472	.0011855	.0015932	.000666	.0090413	.0016096
%RSD	2566.723	275.3385	14.98297	2.592078	21.10968	1.234918	.9525281

#1	.003329	.001913	.0072637	.0596443	-.002405	.7425230	.1704383
#2	-.005320	-.001873	.0092802	.0626093	-.003374	.7278457	.1692484
#3	.001459	-.002734	.0071920	.0621376	-.003681	.7260374	.1672529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001322	.0002262	87.22211	.0007321	-.000968	.0386401	.1968182
Stddev	.0000618	.0000124	.18158	.0001412	.000193	.0045865	.0034884
%RSD	46.75210	5.477456	.2081808	19.28305	19.92925	11.86986	1.772381

#1	.0001975	.0002314	87.39859	.0008558	-.001122	.0439164	.2007883
#2	.0001245	.0002121	87.23191	.0005783	-.001031	.0356066	.1954224
#3	.0000746	.0002352	87.03583	.0007622	-.000752	.0363971	.1942438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040687	34.47742	.0110662	.0007809	24.05751	-.005372	.1981386
Stddev	.0011101	.18213	.0002509	.0003916	.16299	.003698	.0118953
%RSD	27.28374	.5282523	2.267354	50.13999	.6774880	68.84235	6.003499

#1	.0049922	34.60289	.0108447	.0010799	23.94518	-.009555	.1859889
#2	.0043766	34.26852	.0110152	.0003377	23.98292	-.002534	.1986649
#3	.0028371	34.56085	.0113387	.0009252	24.24445	-.004028	.2097620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.442387	.0490087	.0071253	.0008990	10.02126	8.344891	-.004570
Stddev	.018948	.0009424	.0009190	.0002604	.03482	.027553	.001353
%RSD	4.283096	1.923011	12.89729	28.96338	.3475035	.3301731	29.60797

#1	-.442787	.0481109	.0071062	.0011959	9.99586	8.326264	-.005713
#2	-.423243	.0489249	.0080537	.0007912	10.00697	8.376542	-.003076
#3	-.461132	.0499902	.0062161	.0007098	10.06096	8.331869	-.004921

Sample Name: K1388-01A Acquired: 02/18/2019 16:08:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0JJ6A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002632	.0241003	.5995598
Stddev	.001044	.0014606	.0010616
%RSD	39.68451	6.060399	.1770613

#1	-.001834	.0236596	.5998408
#2	-.002247	.0229109	.6004526
#3	-.003814	.0257305	.5983860

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.148	2093.820	27156.81	3524.230	3002.026
Stddev	25.181	5.332	199.94	2.813	1.448
%RSD	1.401965	.2546651	.7362457	.0798052	.0482365

#1	1804.935	2088.431	27222.94	3525.695	3001.220
#2	1767.750	2099.093	26932.18	3520.987	3003.698
#3	1815.758	2093.936	27315.31	3526.007	3001.161

Sample Name: K1315-06 Acquired: 02/18/2019 16:32:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAES1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0835776	-.002076	.3780563	-.006804	.0041892	47.53052	.7116676
Stddev	.0063047	.003654	.0030043	.004246	.0024036	.12456	.0013783
%RSD	7.543491	176.0174	.7946558	62.39822	57.37561	.2620610	.1936666

#1	.0766107	.001227	.3793163	-.004710	.0058280	47.67049	.7132429
#2	.0852320	-.006002	.3746273	-.011690	.0014300	47.48917	.7110759
#3	.0888901	-.001453	.3802254	-.004013	.0053098	47.43189	.7106840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069057	.0193979	13.56678	.1703881	.2216983	.0290564	213.9163
Stddev	.0000159	.0002268	.06924	.0005454	.0014212	.0017727	1.4022
%RSD	.2296593	1.169132	.5103808	.3201248	.6410376	6.100803	.6554768

#1	.0068959	.0191922	13.64280	.1697678	.2205145	.0288632	215.4457
#2	.0069240	.0196411	13.50732	.1707925	.2213059	.0309178	212.6913
#3	.0068972	.0193604	13.55022	.1706041	.2232744	.0273882	213.6119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.45096	3.177188	.0583362	-.006571	.3788354	.4326293	2.158636
Stddev	.06609	.036816	.0005975	.000306	.2299851	.0126642	.039316
%RSD	.5307761	1.158771	1.024269	4.654056	60.70845	2.927267	1.821317

#1	12.52715	3.205707	.0577126	-.006227	.6443989	.4203795	2.121736
#2	12.40914	3.190231	.0589036	-.006811	.2464650	.4318377	2.199988
#3	12.41658	3.135626	.0583924	-.006675	.2456424	.4456708	2.154183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.144484	1.470851	.1963309	.0079306	1.578950	12.65097	.0029050
Stddev	.065973	.011519	.0046178	.0000633	.015880	.07483	.0007742
%RSD	3.076416	.7831624	2.352035	.7984770	1.005737	.5914780	26.65211

#1	2.211207	1.459477	.2012421	.0080015	1.564253	12.60395	.0020299
#2	2.142959	1.470565	.1956737	.0079107	1.576802	12.61171	.0031842
#3	2.079287	1.482510	.1920769	.0078796	1.595795	12.73726	.0035009

Sample Name: K1315-06 Acquired: 02/18/2019 16:32:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAES1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6107461	.0091096	.0560168
Stddev	.0096915	.0018685	.0001821
%RSD	1.586830	20.51114	.3249885

#1	.6194928	.0075998	.0561059
#2	.6003274	.0085298	.0561372
#3	.6124183	.0111993	.0558074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.681	2266.078	30088.38	3889.405	3034.543
Stddev	15.838	7.227	188.24	12.745	14.729
%RSD	.7972189	.3189305	.6256324	.3276812	.4853902

#1	1977.368	2274.407	30047.95	3876.046	3047.781
#2	1977.706	2262.362	29923.64	3890.737	3037.172
#3	2004.968	2261.465	30293.56	3901.431	3018.677

Sample Name: K1315-07 Acquired: 02/18/2019 16:36:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAES2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608561	-.002513	.4297363	-.010287	.0095155	118.3212	.9470059
Stddev	.0016520	.002837	.0014328	.002486	.0026716	.6614	.0026995
%RSD	2.714605	112.8960	.3334047	24.16917	28.07640	.5590012	.2850558

#1	.0595401	-.005685	.4283382	-.010172	.0095733	117.6080	.9445990
#2	.0627100	-.001634	.4312014	-.012828	.0068155	118.4412	.9464939
#3	.0603183	-.000219	.4296694	-.007860	.0121577	118.9144	.9499247

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099859	.1308575	21.73524	.1714610	.0473317	.0927142	230.5566
Stddev	.0000209	.0003646	.25011	.0002538	.0001968	.0000642	1.3686
%RSD	.2092370	.2786237	1.150709	.1480076	.4156897	.0692653	.5936226

#1	.0100018	.1308282	21.50792	.1717397	.0475083	.0926846	229.0188
#2	.0099935	.1305085	21.69465	.1713997	.0473672	.0927879	231.0103
#3	.0099622	.1312359	22.00317	.1712434	.0471196	.0926702	231.6408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7409094	6.696515	.0786477	-.009513	-.853456	.4433708	17.65589
Stddev	.0055838	.037385	.0007541	.000292	.213157	.0033721	.22240
%RSD	.7536475	.5582717	.9588568	3.069730	24.97576	.7605569	1.259619

#1	.7357290	6.682958	.0784610	-.009570	-.927276	.4471604	17.88632
#2	.7468240	6.667800	.0780045	-.009772	-.613202	.4422507	17.63884
#3	.7401752	6.738786	.0794777	-.009196	-1.01989	.4407013	17.44251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.309733	1.500451	.2092427	.0069009	3.861515	2.560457	.0055195
Stddev	.029040	.001843	.0023299	.0000634	.020721	.099664	.0005194
%RSD	.8774203	.1228241	1.113485	.9188013	.5365923	3.892438	9.409622

#1	3.335755	1.502537	.2118318	.0068277	3.845194	2.448725	.0059791
#2	3.315039	1.499043	.2085812	.0069398	3.854525	2.640198	.0056232
#3	3.278406	1.499772	.2073150	.0069351	3.884827	2.592447	.0049561

Sample Name: K1315-07 Acquired: 02/18/2019 16:36:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAES2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1846754	.0307441	.0715441
Stddev	.0065671	.0013519	.0001649
%RSD	3.556011	4.397400	.2304479

#1	.1915574	.0292851	.0717335
#2	.1839921	.0309928	.0714668
#3	.1784767	.0319544	.0714322

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.875	2306.717	30250.87	3950.320	3024.238
Stddev	8.648	8.649	118.00	49.484	10.620
%RSD	.4348426	.3749588	.3900665	1.252651	.3511634

#1	1978.967	2311.875	30114.90	4004.316	3030.341
#2	1994.910	2311.544	30326.36	3939.507	3030.398
#3	1992.748	2296.731	30311.37	3907.137	3011.975

Sample Name: CCV026 Acquired: 02/18/2019 16:46:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV026 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.738586	4.981028	24.33113	5.321732	F 5.782240	381.0409
Stddev	.037126	.021447	.12503	.031370	.035454	1.4963
%RSD	.7834816	.4305774	.5138548	.5894790	.6131600	.3926857

#1	4.704648	4.961245	24.24615	5.312256	5.750903	379.6816
#2	4.732874	4.978017	24.27255	5.296191	5.775094	382.6442
#3	4.778237	5.003821	24.47470	5.356748	5.820723	380.7968

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.369062	.4741515	2.478936	F 347.7604	14.28952	2.306653
Stddev	.014438	.0046754	.013345	2.4726	.01250	.014242
%RSD	.1540994	.9860570	.5383516	.7110183	.0875103	.6174191

#1	9.376417	.4691467	2.467419	346.8318	14.28635	2.293948
#2	9.378342	.4784070	2.475827	350.5629	14.30331	2.303964
#3	9.352428	.4749007	2.493561	345.8865	14.27891	2.322048

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.03252	388.8738	F 11.82491	365.5447	2.473011	F 1.107168
Stddev	.02787	2.5591	.12326	2.5862	.009736	.001322
%RSD	.1986338	.6580697	1.042347	.7074801	.3936891	.1194480

#1	14.05014	387.5857	11.85645	364.2625	2.465145	1.105918
#2	14.04704	391.8210	11.92933	368.5215	2.469987	1.108553
#3	14.00039	387.2148	11.68895	363.8502	2.483900	1.107032

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	368.0510	2.251577	14.84951	143.8286	5.392142	F 4.389003
Stddev	1.7566	.024692	.29496	.5162	.030607	.042626
%RSD	.4772838	1.096666	1.986349	.3588754	.5676211	.9711928

#1	366.2425	2.247328	15.15600	143.3642	5.361304	4.342526
#2	369.7507	2.278118	14.82491	144.3843	5.392611	4.426274
#3	368.1598	2.229285	14.56761	143.7372	5.422513	4.398207

Sample Name: CCV026 Acquired: 02/18/2019 16:46:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.654250	4.933884	F 3.815213	5.319132	F 4.066400	4.834059
Stddev	.042003	.032731	.043159	.024918	.023337	.010216
%RSD	.7428515	.6633969	1.131224	.4684533	.5739007	.2113339
#1	5.618016	4.903724	3.766159	5.300180	4.083916	4.824343
#2	5.644446	4.929238	3.847353	5.309859	4.075378	4.844711
#3	5.700287	4.968690	3.832126	5.347356	4.039908	4.833123

Elem	Sr4077
Units	ppm
Avg	4.548525
Stddev	.014363
%RSD	.3157830
#1	4.561443
#2	4.551076
#3	4.533057

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1557.414	1724.795	25136.21	3327.951	2390.532
Stddev	10.234	9.676	162.63	16.199	8.681
%RSD	.6570920	.5610097	.6469992	.4867507	.3631271
#1	1545.925	1732.059	24989.72	3345.861	2396.919
#2	1565.552	1728.515	25311.21	3323.669	2394.028
#3	1560.765	1713.811	25107.69	3314.324	2380.648

Sample Name: CCB026 Acquired: 02/18/2019 16:50:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005518	.0010695	.0026713	.0005186	-.003259	-.021070	-.005771
Stddev	.003027	.0009429	.0007208	.0006291	.002914	.005098	.000656
%RSD	54.85687	88.16432	26.98199	121.3154	89.40686	24.19613	11.36219

#1	-.008900	.0004741	.0032812	.0011265	-.005936	-.023286	-.005445
#2	-.003062	.0005777	.0028567	.0005590	-.003685	-.015239	-.006526
#3	-.004592	.0021566	.0018759	-.000130	-.000155	-.024686	-.005343

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000423	.0000466	.0083106	.0000089	.0000633	.0056944	.0071711
Stddev	.0000236	.0000197	.0093658	.0008464	.0002909	.0071211	.0043607
%RSD	55.78517	42.33145	112.6977	9496.947	459.9180	125.0542	60.80901

#1	.0000195	.0000353	-.002358	-.000673	-.000018	.0045542	.0062010
#2	.0000666	.0000352	.015181	-.000256	.000386	.0133169	.0033772
#3	.0000407	.0000694	.012108	.000956	-.000178	-.000788	.0119352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015508	-.063159	-.000463	.0007051	-.559536	-.000231	.0008245
Stddev	.0015936	.028047	.000312	.0004844	.096318	.002283	.0126991
%RSD	102.7617	44.40669	67.35760	68.69470	17.21392	986.6433	1540.196

#1	.0019682	-.038893	-.000109	.0004554	-.648225	.001424	.0152320
#2	.0028941	-.056718	-.000581	.0003965	-.457072	-.002836	-.008743
#3	-.000210	-.093866	-.000697	.0012633	-.573310	.000718	-.004016

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0823106	-.008746	.0052879	.0004055	-.002647	-.008943	-.000340
Stddev	.0796127	.001836	.0011456	.0002581	.002948	.000917	.000668
%RSD	96.72226	20.99772	21.66336	63.63849	111.3754	10.25882	196.6771

#1	.0004008	-.009122	.0060673	.0004310	-.005763	-.009858	.000097
#2	.0871232	-.010365	.0039727	.0001356	.000097	-.008023	-.001109
#3	.1594078	-.006750	.0058239	.0006498	-.002275	-.008949	-.000007

Sample Name: CCB026 Acquired: 02/18/2019 16:50:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB026 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001491	.0018072	-.000037
Stddev	.000549	.0010116	.000021
%RSD	36.80193	55.97523	57.37830

#1	-.002024	.0006391	-.000026
#2	-.000928	.0023893	-.000061
#3	-.001521	.0023933	-.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.037	2042.164	26852.90	3458.992	3010.730
Stddev	13.570	3.587	111.91	34.142	11.586
%RSD	.7585348	.1756248	.4167664	.9870513	.3848151

#1	1779.932	2045.083	26736.59	3468.600	3012.737
#2	1782.546	2043.248	26862.28	3421.075	3021.181
#3	1804.634	2038.160	26959.82	3487.300	2998.272

Sample Name: K1316-16 Acquired: 02/18/2019 16:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAEX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500539	-.003703	.1721189	-.008101	.0041303	134.0427	1.053197
Stddev	.0041653	.002978	.0004781	.000692	.0019295	.5583	.002853
%RSD	8.321672	80.42665	.2777630	8.547995	46.71613	.4165236	.2708984

#1	.0503396	-.002679	.1725411	-.007307	.0061250	134.6811	1.053668
#2	.0540691	-.007059	.1715998	-.008579	.0039925	133.6454	1.050138
#3	.0457531	-.001372	.1722158	-.008417	.0022734	133.8017	1.055785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120403	.0195620	32.58959	.1459720	.6773409	.1306763	201.8570
Stddev	.0001148	.0000992	.30686	.0007348	.0011379	.0017147	1.8805
%RSD	.9537865	.5069372	.9415960	.5033480	.1680004	1.312186	.9315902

#1	.0120625	.0194668	32.91807	.1452687	.6761985	.1303326	203.8600
#2	.0121425	.0196647	32.54043	.1467346	.6773498	.1325369	201.5817
#3	.0119160	.0195545	32.31028	.1459126	.6784743	.1291595	200.1294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.463406	6.937551	.1708859	-.007635	-.546839	.2596531	1.537422
Stddev	.046635	.161911	.0005098	.000430	.190245	.0047231	.013103
%RSD	.8535801	2.333842	.2983496	5.633295	34.79001	1.819008	.8522626

#1	5.511660	7.111622	.1706728	-.007524	-.766335	.2645140	1.546647
#2	5.459978	6.909589	.1705172	-.007272	-.429369	.2550811	1.522424
#3	5.418579	6.791441	.1714677	-.008110	-.444814	.2593642	1.543196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.771761	1.529103	.1753239	.0046158	1.128544	1.256367	.0082290
Stddev	.013112	.006880	.0042990	.0004267	.007651	.012495	.0016505
%RSD	.2747782	.4499304	2.452042	9.244095	.6779742	.9945294	20.05694

#1	4.785440	1.521600	.1799395	.0041818	1.120866	1.270698	.0063983
#2	4.759302	1.530593	.1714338	.0050348	1.128598	1.250652	.0096031
#3	4.770541	1.535116	.1745985	.0046308	1.136168	1.247752	.0086855

Sample Name: K1316-16 Acquired: 02/18/2019 16:54:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAEX0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1406935	.0566233	.0959989
Stddev	.0004071	.0022302	.0004702
%RSD	.2893192	3.938607	.4898196

#1	.1404482	.0567003	.0957985
#2	.1404689	.0543557	.0956620
#3	.1411633	.0588140	.0965361

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.438	2696.597	35450.57	4655.743	3075.074
Stddev	11.889	6.618	114.26	18.329	.589
%RSD	.5047472	.2454308	.3223149	.3936908	.0191527

#1	2361.477	2690.363	35560.16	4670.625	3074.395
#2	2363.095	2695.885	35459.41	4635.269	3075.449
#3	2341.742	2703.543	35332.15	4661.334	3075.378

Sample Name: K1316-17 Acquired: 02/18/2019 16:58:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAEX1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600135	-.007960	.3157869	-.007771	.0032059	140.0162	1.163568
Stddev	.0034100	.005617	.0011975	.001791	.0019600	.2993	.002449
%RSD	5.682024	70.56234	.3792114	23.04162	61.13680	.2137933	.2104773

#1	.0608298	-.002113	.3144840	-.005703	.0019116	140.0258	1.164909
#2	.0629413	-.008452	.3168393	-.008822	.0022452	140.3106	1.165053
#3	.0562695	-.013314	.3160375	-.008787	.0054608	139.7121	1.160741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136722	.0262994	33.12786	.1753456	.7965501	.1966477	236.5529
Stddev	.0001649	.0001029	.06198	.0000795	.0019858	.0011397	.6252
%RSD	1.205951	.3912832	.1870833	.0453121	.2492974	.5795914	.2642837

#1	.0135719	.0263173	33.19942	.1753152	.7943932	.1967679	236.5830
#2	.0138625	.0261888	33.09188	.1752859	.7969546	.1977226	237.1624
#3	.0135823	.0263922	33.09228	.1754358	.7983025	.1954527	235.9132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.408610	7.093211	.1831083	-.004644	-.712516	.3189393	2.297446
Stddev	.041383	.072992	.0006122	.000130	.029292	.0054246	.036882
%RSD	.5585843	1.029045	.3343251	2.809396	4.110995	1.700836	1.605365

#1	7.362669	7.144263	.1836753	-.004500	-.678937	.3133273	2.259811
#2	7.442967	7.125765	.1824592	-.004754	-.725794	.3193358	2.299001
#3	7.420195	7.009607	.1831904	-.004680	-.732817	.3241548	2.333526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.748108	3.713427	.2142621	.0056757	3.302159	1.871568	.0301069
Stddev	.050294	.010016	.0018791	.0000568	.014198	.021306	.0000990
%RSD	1.059246	.2697264	.8770150	1.000595	.4299654	1.138416	.3289334

#1	4.737593	3.706064	.2149206	.0056165	3.310653	1.886348	.0301121
#2	4.703902	3.724832	.2121423	.0056809	3.285768	1.881211	.0300053
#3	4.802828	3.709383	.2157232	.0057297	3.310056	1.847145	.0302032

Sample Name: K1316-17 Acquired: 02/18/2019 16:58:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAEX1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1562959	.0591905	.1017157
Stddev	.0025327	.0015240	.0000612
%RSD	1.620422	2.574656	.0601548

#1	.1548727	.0575852	.1017378
#2	.1592200	.0593690	.1017628
#3	.1547950	.0606174	.1016466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.498	2672.836	35479.37	4682.680	3021.309
Stddev	12.753	7.133	180.93	28.184	5.284
%RSD	.5481603	.2668700	.5099611	.6018704	.1748790

#1	2315.074	2676.061	35365.24	4655.833	3024.174
#2	2340.257	2677.787	35687.98	4680.175	3024.540
#3	2324.162	2664.660	35384.88	4712.033	3015.211

Sample Name: K1318-13 Acquired: 02/18/2019 17:02:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530590	-.007054	.4742326	-.008075	.0026930	116.6349	.7722507
Stddev	.0040101	.005355	.0006550	.001348	.0021448	.2079	.0024421
%RSD	7.557846	75.91025	.1381232	16.69821	79.64180	.1782369	.3162264

#1	.0576866	-.006614	.4746036	-.006704	.0038407	116.8386	.7750463
#2	.0506035	-.001933	.4734763	-.009400	.0002186	116.6430	.7705334
#3	.0508868	-.012615	.4746179	-.008120	.0040197	116.4230	.7711724

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116166	.0400149	23.80638	.1413832	.0762609	.0963462	189.0306
Stddev	.0000298	.0001139	.13846	.0006274	.0006863	.0021438	1.8355
%RSD	.2562785	.2845456	.5816110	.4437307	.8999527	2.225123	.9710030

#1	.0115846	.0400139	23.91553	.1407080	.0754689	.0946914	189.6947
#2	.0116435	.0399015	23.85297	.1414934	.0766350	.0955790	190.4416
#3	.0116219	.0401292	23.65063	.1419481	.0766790	.0987680	186.9555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.175683	6.744437	.1693717	-.007674	-.534167	.2658674	4.601734
Stddev	.007964	.031029	.0012085	.000252	.158306	.0070262	.020509
%RSD	.6774351	.4600658	.7135117	3.289601	29.63604	2.642733	.4456719

#1	1.179454	6.730399	.1682381	-.007762	-.507137	.2703427	4.612706
#2	1.181062	6.780004	.1692338	-.007870	-.704248	.2694903	4.614422
#3	1.166533	6.722909	.1706433	-.007389	-.391116	.2577693	4.578073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.909669	1.735095	.1649229	.0039813	2.876231	1.309576	.0084036
Stddev	.030672	.004855	.0013568	.0001881	.013677	.018208	.0009226
%RSD	.7845193	.2798263	.8227119	4.725324	.4755204	1.390406	10.97904

#1	3.919822	1.730431	.1650679	.0041976	2.876964	1.317116	.0089172
#2	3.875208	1.734733	.1662015	.0038905	2.862202	1.288808	.0089552
#3	3.933977	1.740121	.1634994	.0038558	2.889527	1.322803	.0073385

Sample Name: K1318-13 Acquired: 02/18/2019 17:02:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF05 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1099696	.0273103	.0878233
Stddev	.0019998	.0017288	.0000725
%RSD	1.818527	6.330162	.0825894

#1	.1119984	.0260615	.0877607
#2	.1099103	.0265858	.0879028
#3	.1080001	.0292834	.0878064

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.353	2817.992	37215.18	4855.690	2980.607
Stddev	.409	5.966	144.38	11.818	10.055
%RSD	.0167008	.2117238	.3879517	.2433800	.3373585

#1	2450.888	2818.646	37229.28	4852.214	2987.895
#2	2451.660	2823.603	37064.28	4846.000	2984.790
#3	2451.511	2811.725	37352.00	4868.856	2969.135

Sample Name: K1318-14 Acquired: 02/18/2019 17:06:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480911	-.011159	.2207638	-.010345	.0040474	145.0422	.7968972
Stddev	.0034675	.001876	.0024087	.003184	.0020077	.4927	.0033175
%RSD	7.210301	16.80824	1.091074	30.77456	49.60528	.3397128	.4163036

#1	.0462629	-.009284	.2181174	-.011039	.0018830	144.4811	.7939499
#2	.0459202	-.011157	.2213459	-.006872	.0058489	145.2410	.8004900
#3	.0520901	-.013035	.2228281	-.013125	.0044105	145.4044	.7962517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118474	.0264975	26.54040	.1450764	.0695757	.0787023	197.9040
Stddev	.0000855	.0001162	.15863	.0004640	.0006518	.0015986	1.0075
%RSD	.7214963	.4386043	.5976774	.3198052	.9368238	2.031134	.5090910

#1	.0117786	.0265064	26.38375	.1454961	.0690112	.0790754	197.1690
#2	.0119431	.0263771	26.53652	.1451549	.0702891	.0800814	197.4905
#3	.0118205	.0266090	26.70093	.1445782	.0694269	.0769502	199.0524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9282234	8.488566	.1929866	-.008257	-.492928	.2604339	3.291639
Stddev	.0129231	.041484	.0009842	.000378	.191054	.0080902	.025820
%RSD	1.392242	.4887054	.5099687	4.579402	38.75908	3.106430	.7844089

#1	.9183883	8.485618	.1923297	-.008632	-.303349	.2520753	3.261826
#2	.9234218	8.448634	.1925120	-.007876	-.685424	.2610004	3.306345
#3	.9428600	8.531445	.1941182	-.008264	-.490012	.2682259	3.306746

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.325391	1.462013	.1705317	.0038733	2.573731	1.286568	.0067558
Stddev	.012058	.005441	.0064659	.0003118	.009272	.020083	.0023141
%RSD	.2787719	.3721673	3.791619	8.050021	.3602407	1.560990	34.25399

#1	4.335944	1.458409	.1655835	.0040862	2.577483	1.278326	.0070510
#2	4.327982	1.459358	.1681639	.0040181	2.563172	1.271916	.0043082
#3	4.312249	1.468272	.1778478	.0035154	2.580540	1.309461	.0089081

Sample Name: K1318-14 Acquired: 02/18/2019 17:06:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF06 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1127307	.0368542	.0970041
Stddev	.0035076	.0000808	.0004561
%RSD	3.111499	.2191749	.4702064

#1	.1093753	.0367840	.0964775
#2	.1163729	.0368361	.0972567
#3	.1124439	.0369425	.0972780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.997	2869.179	37875.33	4971.641	2992.915
Stddev	13.634	9.473	145.10	2.922	7.352
%RSD	.5429872	.3301799	.3830954	.0587810	.2456493

#1	2512.204	2861.531	37748.56	4974.745	2992.195
#2	2496.800	2879.776	37843.85	4971.234	3000.601
#3	2523.989	2866.228	38033.59	4968.943	2985.950

Sample Name: K1320-21 Acquired: 02/18/2019 17:10:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268562	-.003458	.1321496	-.005957	.0029771	86.85633	.8467418
Stddev	.0028410	.002513	.0023625	.002918	.0019704	.32405	.0024123
%RSD	10.57846	72.67365	1.787734	48.97379	66.18521	.3730882	.2848935

#1	.0258866	-.002647	.1301820	-.009121	.0011482	86.63795	.8494733
#2	.0246269	-.001450	.1314970	-.005377	.0027194	87.22866	.8458488
#3	.0300550	-.006276	.1347697	-.003373	.0050637	86.70238	.8449034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080673	.0048042	17.71638	.1099007	.0288595	.0794655	140.8372
Stddev	.0001057	.0000939	.08444	.0002078	.0003254	.0044894	1.0129
%RSD	1.310667	1.954644	.4766251	.1890510	1.127658	5.649496	.7192014

#1	.0080375	.0046971	17.66528	.1097392	.0288379	.0838165	140.0522
#2	.0081848	.0048723	17.81385	.1098279	.0291952	.0797305	141.9806
#3	.0079797	.0048433	17.67002	.1101351	.0285454	.0748494	140.4788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4176882	5.231582	.0740939	-.005926	.3553685	.2322643	.3066657
Stddev	.0035046	.079824	.0010927	.000099	.1137636	.0038558	.0012645
%RSD	.8390427	1.525816	1.474789	1.667827	32.01284	1.660088	.4123386

#1	.4192057	5.184544	.0732950	-.006038	.2755720	.2301153	.3081257
#2	.4201783	5.323748	.0736475	-.005850	.4856356	.2299619	.3059191
#3	.4136806	5.186453	.0753391	-.005890	.3048978	.2367157	.3059522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.822285	1.935132	.1213521	.0030771	1.833044	3.895841	.0034196
Stddev	.022957	.004614	.0016065	.0004378	.018845	.032719	.0011922
%RSD	.6006208	.2384374	1.323847	14.22759	1.028049	.8398512	34.86307

#1	3.824099	1.934058	.1197024	.0032168	1.840792	3.929681	.0044189
#2	3.844281	1.931150	.1229116	.0025865	1.811560	3.893470	.0021000
#3	3.798474	1.940188	.1214423	.0034279	1.846779	3.864371	.0037399

Sample Name: K1320-21 Acquired: 02/18/2019 17:10:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF51 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1967214	.0648114	.0959810
Stddev	.0131472	.0006835	.0002146
%RSD	6.683166	1.054639	.2235874

#1	.2052390	.0652407	.0961509
#2	.1815797	.0640232	.0960522
#3	.2033454	.0651703	.0957399

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.630	2381.885	31522.13	4067.973	3034.736
Stddev	8.534	8.199	64.34	21.425	11.641
%RSD	.4078285	.3442353	.2041179	.5266678	.3835842

#1	2100.574	2385.063	31559.64	4068.639	3043.347
#2	2083.608	2388.020	31558.92	4046.223	3039.369
#3	2093.706	2372.573	31447.84	4089.057	3021.492

Sample Name: K1322-01 Acquired: 02/18/2019 17:14:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGA52 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0371684	-.005906	.1857335	-.005569	.0015909	90.91201	1.207048
Stddev	.0009934	.003331	.0023157	.005481	.0005303	.19450	.003247
%RSD	2.672688	56.41022	1.246810	98.42433	33.32903	.2139427	.2689961

#1	.0383149	-.008144	.1832081	-.004209	.0010460	90.80887	1.204827
#2	.0366249	-.007496	.1862349	-.011603	.0016217	91.13636	1.210774
#3	.0365653	-.002077	.1877574	-.000896	.0021051	90.79080	1.205542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091123	.0062081	17.51705	.1033262	.0679070	.0821239	148.7421
Stddev	.0000775	.0000910	.06367	.0001908	.0004247	.0050175	.8423
%RSD	.8502262	1.465543	.3634830	.1846430	.6254388	6.109623	.5662747

#1	.0091729	.0062166	17.47780	.1034240	.0680799	.0852348	147.8822
#2	.0090250	.0061132	17.59052	.1034483	.0674231	.0763356	149.5656
#3	.0091389	.0062946	17.48285	.1031063	.0682180	.0848012	148.7786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.475367	5.983825	.0857282	-.006157	-.398481	.2261913	.3601259
Stddev	.008463	.065364	.0003226	.000119	.187717	.0063598	.0104094
%RSD	.5736443	1.092340	.3762815	1.933822	47.10804	2.811698	2.890488

#1	1.466496	5.910920	.0858371	-.006023	-.270131	.2205674	.3579632
#2	1.483354	6.037192	.0853652	-.006198	-.311387	.2330930	.3714468
#3	1.476251	6.003364	.0859821	-.006250	-.613925	.2249136	.3509678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.216313	2.230453	.1248952	.0033239	1.987029	3.817389	.0042523
Stddev	.068907	.005261	.0007524	.0003933	.013093	.048765	.0004855
%RSD	1.634304	.2358925	.6024404	11.83138	.6589105	1.277455	11.41736

#1	4.287823	2.234558	.1243086	.0037555	1.993731	3.869150	.0047347
#2	4.210773	2.224522	.1257436	.0032304	1.971942	3.772308	.0042583
#3	4.150342	2.232280	.1246335	.0029858	1.995414	3.810711	.0037638

Sample Name: K1322-01 Acquired: 02/18/2019 17:14:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF52 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1848072	.0469993	.1005332
Stddev	.0035126	.0013718	.0001494
%RSD	1.900687	2.918741	.1486048

#1	.1813198	.0461240	.1004249
#2	.1847573	.0485802	.1007036
#3	.1883444	.0462936	.1004710

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.028	2532.744	33331.30	4274.360	3031.785
Stddev	4.501	10.917	31.34	8.560	5.482
%RSD	.2032244	.4310464	.0940189	.2002748	.1808017

#1	2209.830	2534.293	33338.69	4271.137	3033.556
#2	2217.565	2542.804	33296.93	4284.064	3036.161
#3	2217.688	2521.135	33358.29	4267.878	3025.637

Sample Name: K1324-08 Acquired: 02/18/2019 17:18:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0680587	-.003368	5.522590	-.003610	-.001411	60.81231
Stddev	.0047998	.003369	.015527	.002744	.001851	.12703
%RSD	7.052517	100.0238	.2811568	76.02546	131.1870	.2088869

#1	.0625191	-.000917	5.510733	-.004400	-.003257	60.78664
#2	.0709816	-.007210	5.516870	-.000557	.000445	60.95022
#3	.0706752	-.001978	5.540165	-.005872	-.001422	60.70009

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.259472	.0077191	.3387456	56.03780	.1284882	.1247949
Stddev	.001147	.0000299	.0012718	.25349	.0003006	.0001820
%RSD	.0910540	.3871413	.3754579	.4523537	.2339434	.1458147

#1	1.260365	.0077442	.3382281	55.90822	.1281469	.1248394
#2	1.259871	.0077270	.3378141	56.32988	.1286044	.1245948
#3	1.258178	.0076861	.3401946	55.87528	.1287134	.1249504

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5158156	170.8977	5.622030	7.268313	.1518813	-.005753
Stddev	.0048268	1.3717	.035724	.094995	.0014481	.000398
%RSD	.9357536	.8026191	.6354283	1.306979	.9534348	6.917585

#1	.5213610	169.9649	5.590868	7.174900	.1523627	-.005853
#2	.5125591	172.4727	5.661018	7.364815	.1502538	-.006092
#3	.5135266	170.2556	5.614204	7.265223	.1530273	-.005315

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184900	.2304973	F 38.67472	2.461634	2.388918	.1463117
Stddev	.1345748	.0071255	.08840	.089010	.014463	.0039677
%RSD	727.8232	3.091366	.2285724	3.615885	.6054202	2.711817

#1	.0048045	.2261816	38.58911	2.445317	2.388257	.1452780
#2	.1593847	.2387218	38.76566	2.557673	2.374796	.1506940
#3	-.108719	.2265885	38.66938	2.381911	2.403700	.1429633

Sample Name: K1324-08 Acquired: 02/18/2019 17:18:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF97 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070012	26.62862	4.984383	.0048749	.1898215	.0226298
Stddev	.0005362	.12031	.044205	.0009997	.0032865	.0001599
%RSD	7.658791	.4518101	.8868687	20.50812	1.731371	.7066665

#1	.0074796	26.56679	4.940809	.0052984	.1866298	.0227648
#2	.0064216	26.55180	4.983147	.0055932	.1931953	.0226714
#3	.0071022	26.76728	5.029193	.0037331	.1896395	.0224532

Elem	Sr4077
Units	ppm
Avg	.1120298
Stddev	.0003872
%RSD	.3456160

#1	.1118213
#2	.1124765
#3	.1117915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2064.401	2352.959	31405.88	4108.561	2967.368
Stddev	1.262	16.623	90.36	10.822	12.251
%RSD	.0611203	.7064564	.2877021	.2633910	.4128546

#1	2063.161	2364.591	31353.71	4121.053	2969.396
#2	2065.683	2360.366	31510.21	4102.588	2978.478
#3	2064.360	2333.920	31353.72	4102.043	2954.229

Sample Name: K1324-09 Acquired: 02/18/2019 17:22:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGA98 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0798295	-.002535	5.033389	-.009205	.0093521	83.63304
Stddev	.0020824	.002469	.016955	.002448	.0007642	.30599
%RSD	2.608554	97.40800	.3368472	26.59595	8.171989	.3658753

#1	.0774776	-.002666	5.028660	-.007043	.0084942	83.91312
#2	.0814387	-.000003	5.019300	-.008709	.0096017	83.67955
#3	.0805723	-.004936	5.052206	-.011863	.0099603	83.30646

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9588177	.0103628	.2694887	78.42980	.1619019	.1337089
Stddev	.0041302	.0000860	.0004055	.03680	.0007395	.0008391
%RSD	.4307605	.8302305	.1504783	.0469263	.4567912	.6275444

#1	.9628649	.0104281	.2692113	78.47103	.1614425	.1338003
#2	.9589790	.0102653	.2693006	78.41811	.1627550	.1328279
#3	.9546092	.0103949	.2699541	78.40026	.1615081	.1344986

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4127879	226.5882	5.461230	6.803009	.1607616	-.008479
Stddev	.0039835	.3808	.005325	.138482	.0003838	.000243
%RSD	.9650190	.1680781	.0975057	2.035598	.2387579	2.862205

#1	.4123961	226.8308	5.461384	6.918825	.1603966	-.008754
#2	.4169528	226.7846	5.466476	6.840586	.1611618	-.008297
#3	.4090148	226.1493	5.455829	6.649617	.1607262	-.008385

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177277	.2838884	F 30.01470	2.488942	2.786446	.1918227
Stddev	.0950205	.0051455	.25249	.032633	.010831	.0039124
%RSD	535.9990	1.812489	.8412367	1.311113	.3886852	2.039568

#1	-.006960	.2898148	29.77688	2.516080	2.775853	.1921106
#2	-.062513	.2812912	29.98754	2.498012	2.785986	.1877744
#3	.122655	.2805592	30.27968	2.452733	2.797499	.1955832

Sample Name: K1324-09 Acquired: 02/18/2019 17:22:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF98 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072210	25.53729	3.364650	.0059700	.1912355	.0245708
Stddev	.0002765	.03911	.029839	.0011800	.0016301	.0008411
%RSD	3.828762	.1531652	.8868291	19.76494	.8524124	3.423115
#1	.0074873	25.49557	3.389662	.0048509	.1903976	.0242557
#2	.0069354	25.54319	3.331622	.0058565	.1931142	.0255239
#3	.0072403	25.57313	3.372665	.0072027	.1901948	.0239328

Elem	Sr4077
Units	ppm
Avg	.1228698
Stddev	.0001181
%RSD	.0961440
#1	.1229892
#2	.1228674
#3	.1227530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.990	2404.699	32118.43	4163.564	2984.295
Stddev	12.535	17.017	279.00	16.896	16.613
%RSD	.5915398	.7076647	.8686546	.4058008	.5566763
#1	2132.934	2412.668	32392.90	4153.838	2993.070
#2	2108.658	2416.270	31835.11	4153.781	2994.679
#3	2115.379	2385.160	32127.30	4183.074	2965.134

Sample Name: K1325-08 Acquired: 02/18/2019 17:26:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0384157	-.002812	10.26574	.0021207	-.010510	7.345578
Stddev	.0040105	.001806	.02959	.0024962	.002199	.062804
%RSD	10.43972	64.21216	.2882511	117.7092	20.92574	.8549919

#1	.0429126	-.000733	10.24387	-.000116	-.012614	7.382423
#2	.0371253	-.003718	10.25393	.001664	-.008226	7.273061
#3	.0352093	-.003985	10.29941	.004814	-.010689	7.381249

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0855269	.0015394	.5918976	13.84264	.0177121	.0104358
Stddev	.0014036	.0000551	.0010904	.07105	.0003004	.0000533
%RSD	1.641125	3.579322	.1842201	.5132679	1.695759	.5105760

#1	.0869914	.0016012	.5910838	13.87143	.0178641	.0104119
#2	.0853960	.0015218	.5914723	13.76171	.0173661	.0103987
#3	.0841934	.0014953	.5931365	13.89478	.0179060	.0104969

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4496230	45.26148	.3518780	1.297670	.0404050	-.001115
Stddev	.0031618	.47829	.0020332	.038759	.0003574	.000360
%RSD	.7032216	1.056732	.5778094	2.986840	.8845011	32.27731

#1	.4511990	45.27318	.3510951	1.299632	.0400474	-.001195
#2	.4516872	44.77745	.3503527	1.257968	.0407621	-.001427
#3	.4459829	45.73382	.3541863	1.335412	.0404055	-.000721

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.389154	.0307176	F 118.2406	.1501661	1.591724	.0357123
Stddev	.089672	.0046703	.7056	.0301607	.005032	.0011595
%RSD	23.04290	15.20391	.5967338	20.08492	.3161050	3.246757

#1	-.414054	.0357226	117.8582	.1279821	1.586537	.0347859
#2	-.289663	.0299540	119.0548	.1380079	1.596584	.0353384
#3	-.463744	.0264762	117.8087	.1845083	1.592053	.0370126

Sample Name: K1325-08 Acquired: 02/18/2019 17:26:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFB6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037197	42.22394	1.957788	.0158921	.0495229	-.005430
Stddev	.0003602	.04469	.034662	.0017752	.0013680	.001974
%RSD	9.683742	.1058297	1.770470	11.17052	2.762375	36.35580
#1	.0036409	42.19277	1.957021	.0145179	.0480877	-.007313
#2	.0041128	42.20392	1.923517	.0178964	.0496691	-.005603
#3	.0034054	42.27514	1.992828	.0152620	.0508120	-.003376

Elem	Sr4077
Units	ppm
Avg	.0251612
Stddev	.0001416
%RSD	.5628018
#1	.0252036
#2	.0252768
#3	.0250032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.257	2177.402	28813.99	3701.775	3071.951
Stddev	18.219	5.475	281.70	28.224	3.179
%RSD	.9537501	.2514662	.9776636	.7624451	.1035008
#1	1902.174	2175.461	28636.10	3671.025	3072.584
#2	1897.478	2183.584	28667.09	3726.500	3074.766
#3	1931.119	2173.162	29138.78	3707.800	3068.502

Sample Name: K1325-09 Acquired: 02/18/2019 17:30:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFB7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0307244	-.001976	7.699402	.0029024	-.005247	8.021676
Stddev	.0031447	.001160	.030948	.0022696	.001620	.014864
%RSD	10.23516	58.70507	.4019499	78.19596	30.87872	.1852988

#1	.0313061	-.000672	7.700674	.0047336	-.005715	8.016455
#2	.0273294	-.002360	7.667837	.0036105	-.006582	8.038447
#3	.0335375	-.002894	7.729693	.0003632	-.003445	8.010128

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1003217	.0016213	.3440067	13.01660	.0192363	.0115754
Stddev	.0010984	.0000208	.0011307	.10196	.0004429	.0002445
%RSD	1.094858	1.283731	.3286799	.7833068	2.302155	2.112457

#1	.0999131	.0016403	.3435429	12.92925	.0197380	.0116403
#2	.1015658	.0015990	.3431817	12.99192	.0188998	.0113050
#3	.0994861	.0016246	.3452956	13.12863	.0190711	.0117810

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4168062	42.25010	.4226433	1.267985	.0395106	-.000703
Stddev	.0014841	.09865	.0024695	.068073	.0002032	.000410
%RSD	.3560527	.2334795	.5843025	5.368603	.5142053	58.41337

#1	.4159091	42.19242	.4206457	1.190266	.0395212	-.000745
#2	.4159904	42.19387	.4218797	1.317027	.0393023	-.000273
#3	.4185192	42.36400	.4254044	1.296663	.0397082	-.001090

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.403924	.0242329	F 79.58254	.1245101	1.165477	.0288608
Stddev	.212689	.0006593	1.20634	.0777565	.008351	.0015087
%RSD	52.65561	2.720751	1.515829	62.44994	.7165469	5.227554

#1	-.158655	.0242209	80.78577	.0635106	1.168409	.0304111
#2	-.515657	.0235796	79.58871	.2120656	1.156055	.0287739
#3	-.537460	.0248981	78.37313	.0979539	1.171966	.0273975

Sample Name: K1325-09 Acquired: 02/18/2019 17:30:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFB7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031715	23.20211	2.142235	.0139957	.0669940	-.003762
Stddev	.0000522	.04903	.039680	.0005179	.0028939	.001691
%RSD	1.645228	.2113056	1.852262	3.700765	4.319579	44.95718
#1	.0031419	23.19608	2.096538	.0134938	.0653248	-.002067
#2	.0032317	23.15639	2.162204	.0139649	.0703356	-.003769
#3	.0031408	23.25388	2.167964	.0145283	.0653217	-.005450

Elem	Sr4077
Units	ppm
Avg	.0260620
Stddev	.0002377
%RSD	.9121259
#1	.0259161
#2	.0263363
#3	.0259336

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.595	2163.162	28511.88	3676.183	3081.308
Stddev	5.077	7.306	88.97	52.019	12.462
%RSD	.2671290	.3377349	.3120414	1.415029	.4044228
#1	1905.301	2169.407	28484.46	3730.925	3082.846
#2	1895.214	2164.951	28611.33	3670.225	3092.929
#3	1901.271	2155.128	28439.84	3627.400	3068.149

Sample Name: K1325-17 Acquired: 02/18/2019 17:34:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0820897	-.002733	.3308210	-.017626	.0106722	74.51175	1.341224
Stddev	.0057933	.003052	.0029097	.002643	.0030135	.36461	.004858
%RSD	7.057325	111.6683	.8795459	14.99431	28.23734	.4893257	.3621825

#1	.0754734	-.000077	.3274615	-.017878	.0137801	74.91285	1.344633
#2	.0862529	-.002055	.3324592	-.014867	.0077628	74.20041	1.335662
#3	.0845428	-.006066	.3325423	-.020135	.0104738	74.42199	1.343378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118097	.0094039	17.23747	.3671228	.2903669	.0442506	347.7931
Stddev	.0000711	.0002216	.09002	.0019337	.0009043	.0011680	2.1032
%RSD	.6024444	2.356491	.5222549	.5267308	.3114247	2.639516	.6047331

#1	.0118811	.0091777	17.32668	.3653602	.2900052	.0443375	350.1228
#2	.0117388	.0094135	17.14665	.3691912	.2896995	.0430416	347.2225
#3	.0118093	.0096206	17.23908	.3668169	.2913961	.0453727	346.0341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.19901	5.187701	.1200356	-.012046	-1.04166	.5177975	1.405663
Stddev	.12800	.132426	.0006763	.000363	.02919	.0081052	.015249
%RSD	.7442166	2.552690	.5633862	3.015085	2.801835	1.565331	1.084848

#1	17.34680	5.227624	.1197656	-.011627	-1.07409	.5271399	1.416837
#2	17.12667	5.039906	.1195361	-.012268	-1.03338	.5126411	1.411861
#3	17.12357	5.295572	.1208052	-.012244	-1.01750	.5136117	1.388290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.121999	2.715492	.3009740	.0070514	3.910178	8.590477	.0056473
Stddev	.023481	.011533	.0038691	.0003406	.010388	.044322	.0016069
%RSD	.7521032	.4247269	1.285524	4.830243	.2656618	.5159403	28.45443

#1	3.113617	2.715140	.3026724	.0068719	3.905447	8.573463	.0072438
#2	3.148521	2.704138	.3037034	.0068381	3.902998	8.640785	.0056681
#3	3.103860	2.727197	.2965462	.0074442	3.922090	8.557183	.0040302

Sample Name: K1325-17 Acquired: 02/18/2019 17:34:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFC3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5777413	.0194454	.0842062
Stddev	.0123326	.0009253	.0002832
%RSD	2.134627	4.758596	.3362532

#1	.5917384	.0202265	.0842956
#2	.5684725	.0184235	.0838891
#3	.5730130	.0196863	.0844338

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.814	2333.079	31187.29	3994.618	3007.375
Stddev	14.061	4.986	69.88	24.519	7.364
%RSD	.6822875	.2137059	.2240593	.6138106	.2448749

#1	2062.250	2335.997	31128.35	3974.135	3007.267
#2	2074.102	2335.918	31264.48	4021.787	3014.792
#3	2046.091	2327.322	31169.03	3987.931	3000.065

Sample Name: K1325-18 Acquired: 02/18/2019 17:38:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0834918	-.004162	.3091593	-.011669	.0095986	73.76586	1.240084
Stddev	.0056558	.001737	.0008699	.002428	.0013036	.39500	.006237
%RSD	6.774063	41.74032	.2813662	20.80758	13.58077	.5354751	.5029213

#1	.0862236	-.005837	.3081611	-.010604	.0085382	73.57105	1.234430
#2	.0769887	-.004279	.3097557	-.014448	.0092035	74.22043	1.239049
#3	.0872630	-.002369	.3095609	-.009956	.0110539	73.50612	1.246774

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104950	.0098466	16.28314	.4081244	.2037591	.0419473	311.7627
Stddev	.0000903	.0001598	.14793	.0012826	.0009670	.0023718	2.5079
%RSD	.8601030	1.623208	.9084630	.3142711	.4745594	5.654302	.8044410

#1	.0105336	.0098670	16.27915	.4080502	.2034285	.0442195	310.5806
#2	.0105595	.0096776	16.43302	.4068805	.2030008	.0394870	314.6433
#3	.0103918	.0099953	16.13725	.4094425	.2048480	.0421353	310.0643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.038962	5.284052	.0976600	-.012334	-.884338	.4824360	1.608335
Stddev	.063501	.103905	.0006909	.000648	.195655	.0072132	.008185
%RSD	.7899094	1.966385	.7074427	5.254300	22.12450	1.495164	.5089273

#1	8.005187	5.165986	.0972704	-.011738	-1.09471	.4742972	1.599967
#2	8.112212	5.324605	.0972519	-.013024	-.85048	.4880383	1.616325
#3	7.999487	5.361566	.0984577	-.012242	-.70782	.4849726	1.608712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.406371	2.555005	.2823408	.0070617	3.604910	7.355555	.0058655
Stddev	.007830	.016757	.0056539	.0002109	.011800	.065826	.0007664
%RSD	.2298617	.6558625	2.002520	2.986111	.3273193	.8949204	13.06665

#1	3.397338	2.554323	.2810342	.0072960	3.611465	7.378846	.0066651
#2	3.411235	2.538600	.2885336	.0070021	3.591289	7.406568	.0051372
#3	3.410538	2.572093	.2774545	.0068871	3.611978	7.281249	.0057944

Sample Name: K1325-18 Acquired: 02/18/2019 17:38:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFC4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4625589	.0204661	.0808779
Stddev	.0035991	.0014494	.0005558
%RSD	.7780921	7.082186	.6872562

#1	.4665810	.0189733	.0802367
#2	.4596418	.0205569	.0812230
#3	.4614539	.0218680	.0811740

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.233	2350.948	31227.20	4045.456	3036.795
Stddev	6.221	11.546	137.10	21.042	12.284
%RSD	.3035531	.4911024	.4390266	.5201396	.4044902

#1	2044.718	2351.709	31287.27	4054.939	3037.407
#2	2046.653	2362.094	31070.32	4021.342	3048.761
#3	2056.329	2339.041	31324.01	4060.088	3024.217

Sample Name: K1327-01 Acquired: 02/18/2019 17:42:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFE7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191629	-.004932	1.560517	-.001585	.0018485	30.15937	.6938806
Stddev	.0037051	.002072	.002525	.004571	.0012710	.18129	.0014363
%RSD	19.33476	42.00351	.1617910	288.4618	68.75873	.6011068	.2069919

#1	.0207240	-.005968	1.557947	-.004555	.0005627	30.19240	.6925224
#2	.0149327	-.006281	1.560610	.003679	.0031042	30.32188	.6937354
#3	.0218320	-.002547	1.562994	-.003878	.0018786	29.96384	.6953839

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038096	.1785484	15.48072	.0516532	.0255170	.1073319	56.82326
Stddev	.0000140	.0006242	.14055	.0006507	.0003545	.0032759	.52856
%RSD	.3677504	.3496108	.9078961	1.259646	1.389266	3.052111	.9301750

#1	.0037939	.1788078	15.52925	.0511069	.0252258	.1063301	57.04393
#2	.0038141	.1778363	15.59058	.0523730	.0254135	.1109918	57.20572
#3	.0038209	.1790012	15.32234	.0514796	.0259118	.1046740	56.22013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.048473	3.404665	.0482897	-.001873	-.317552	.1265933	17.00697
Stddev	.020514	.028845	.0003331	.000166	.238287	.0062417	.09592
%RSD	1.001430	.8472207	.6898781	8.837642	75.03870	4.930512	.5640268

#1	2.054814	3.421301	.0479502	-.001970	-.090334	.1336385	16.90464
#2	2.065068	3.421337	.0483029	-.001967	-.296776	.1243874	17.09485
#3	2.025537	3.371358	.0486161	-.001682	-.565547	.1217542	17.02142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.226278	3.354824	.0464652	.0016653	4.862790	4.826435	.0031165
Stddev	.049156	.011075	.0002778	.0002392	.023433	.030738	.0009571
%RSD	4.008586	.3301220	.5978445	14.36147	.4818786	.6368661	30.71182

#1	1.277216	3.343912	.0466591	.0014103	4.844746	4.839207	.0033039
#2	1.179122	3.354504	.0465896	.0017012	4.854350	4.848727	.0020795
#3	1.222497	3.366055	.0461470	.0018846	4.889273	4.791370	.0039661

Sample Name: K1327-01 Acquired: 02/18/2019 17:42:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFE7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2057006	.0049203	.0529211
Stddev	.0138520	.0016997	.0002304
%RSD	6.734059	34.54342	.4354128

#1	.1975908	.0059956	.0526716
#2	.2216950	.0058046	.0529658
#3	.1978160	.0029609	.0531259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.858	2287.423	30156.91	3891.297	3109.982
Stddev	13.130	3.838	101.22	25.507	7.905
%RSD	.656526	.1677841	.3356367	.6554759	.2541695

#1	2014.910	2287.545	30237.16	3896.940	3109.220
#2	1993.909	2291.198	30043.20	3863.442	3118.240
#3	1990.756	2283.525	30190.37	3913.510	3102.486

Sample Name: K1327-02 Acquired: 02/18/2019 17:46:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267386	-.003925	1.950106	-.003306	.0033405	32.00608	.7502835
Stddev	.0013438	.001136	.010095	.001612	.0042109	.08617	.0008846
%RSD	5.025814	28.95233	.5176530	48.76194	126.0562	.2692452	.1179067

#1	.0261487	-.004136	1.943356	-.003096	.0081962	31.92745	.7494684
#2	.0282765	-.004941	1.945252	-.005012	.0006913	32.09821	.7512242
#3	.0257906	-.002698	1.961711	-.001809	.0011341	31.99258	.7501579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043239	.1770997	16.08330	.0592816	.0302214	.0982953	71.84695
Stddev	.0000736	.0008478	.02138	.0003880	.0004919	.0031353	.26987
%RSD	1.702898	.4787341	.1329537	.6544738	1.627754	3.189687	.3756230

#1	.0043980	.1765389	16.09641	.0588373	.0298096	.1016825	71.87186
#2	.0043231	.1766852	16.05863	.0594538	.0300885	.0954947	71.56549
#3	.0042507	.1780751	16.09487	.0595537	.0307661	.0977087	72.10351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.687217	3.305240	.0503701	-.001872	-.291572	.1432523	17.06188
Stddev	.004121	.003711	.0003258	.000401	.118683	.0093892	.00417
%RSD	.1533696	.1122763	.6467778	21.44580	40.70438	6.554309	.0244328

#1	2.687741	3.309517	.0506510	-.001936	-.418737	.1446324	17.05715
#2	2.682858	3.302874	.0500130	-.002237	-.272232	.1332494	17.06347
#3	2.691051	3.303329	.0504464	-.001442	-.183748	.1518750	17.06502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.176019	3.664923	.0580167	.0023718	5.299807	5.010885	.0034764
Stddev	.095884	.010969	.0012932	.0003874	.026905	.054477	.0003073
%RSD	8.153256	.2992871	2.229013	16.33285	.5076578	1.087179	8.839816

#1	1.065310	3.661832	.0587883	.0020179	5.273649	5.070906	.0034935
#2	1.230206	3.655832	.0565237	.0027857	5.298372	4.964569	.0037747
#3	1.232540	3.677106	.0587381	.0023119	5.327401	4.997180	.0031609

Sample Name: K1327-02 Acquired: 02/18/2019 17:46:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFE8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2118047	.0068294	.0537306
Stddev	.0086827	.0006286	.0002028
%RSD	4.099406	9.204084	.3774914

#1	.2051299	.0063458	.0536111
#2	.2216209	.0075400	.0539648
#3	.2086633	.0066026	.0536158

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.411	2300.768	30344.23	3886.633	3113.562
Stddev	11.519	.911	100.02	6.573	6.252
%RSD	.5718453	.0396163	.3296225	.1691304	.2008121

#1	2016.775	2301.602	30389.01	3886.472	3115.240
#2	2001.894	2299.795	30229.64	3880.141	3118.805
#3	2024.566	2300.907	30414.04	3893.285	3106.642

Sample Name: K1337-21 Acquired: 02/18/2019 17:50:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGA FY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0847498	-.007611	.0647069	-.013195	.0058400	108.0083	7.453547
Stddev	.0055002	.002800	.0019238	.001330	.0014294	.4938	.033429
%RSD	6.489956	36.78391	2.973105	10.07803	24.47634	.4571730	.4485036

#1	.0880085	-.006083	.0658457	-.011760	.0048659	108.2350	7.431527
#2	.0783994	-.010842	.0624857	-.013437	.0051730	107.4419	7.437101
#3	.0878415	-.005908	.0657892	-.014386	.0074809	108.3481	7.492014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127597	.0074281	15.54503	.3045564	.1224359	.1689992	258.7321
Stddev	.0000981	.0000700	.15257	.0002429	.0003972	.0044880	2.4315
%RSD	.7691575	.9425209	.9814822	.0797647	.3244097	2.655655	.9397857

#1	.0127296	.0073487	15.66337	.3044819	.1225490	.1731795	261.0482
#2	.0126801	.0074550	15.37283	.3048279	.1219944	.1642564	256.1996
#3	.0128694	.0074807	15.59889	.3043594	.1227642	.1695616	258.9485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4312014	17.32094	.5683995	-.011743	-.520383	.2131781	.2680101
Stddev	.0043361	.18104	.0021177	.000497	.164691	.0033423	.0083968
%RSD	1.005584	1.045226	.3725786	4.228054	31.64799	1.567842	3.133032

#1	.4344362	17.50863	.5679132	-.012087	-.349499	.2170014	.2618300
#2	.4262744	17.14737	.5665673	-.011969	-.533562	.2108108	.2775702
#3	.4328938	17.30681	.5707181	-.011174	-.678089	.2117221	.2646300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.060498	1.319778	.2329904	.0017664	4.038905	3.574106	.0053745
Stddev	.044144	.002993	.0049191	.0000665	.011315	.045778	.0002913
%RSD	.4872124	.2268115	2.111298	3.762080	.2801608	1.280828	5.420333

#1	9.024805	1.317079	.2384950	.0017351	4.051825	3.601863	.0050683
#2	9.046830	1.319257	.2314515	.0018427	4.030762	3.521269	.0056481
#3	9.109859	1.322998	.2290247	.0017214	4.034127	3.599187	.0054073

Sample Name: K1337-21 Acquired: 02/18/2019 17:50:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFY5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1695306	.2324251	.1687048
Stddev	.0003721	.0021998	.0008091
%RSD	.2194798	.9464592	.4796071

#1	.1691012	.2330564	.1685596
#2	.1697327	.2299786	.1679781
#3	.1697579	.2342402	.1695767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.970	2733.339	36185.12	4673.547	3021.257
Stddev	8.232	10.780	129.60	36.168	9.879
%RSD	.3460138	.3943871	.3581583	.7738814	.3269943

#1	2388.431	2729.304	36307.96	4670.817	3021.032
#2	2373.453	2745.554	36049.68	4711.003	3031.247
#3	2375.025	2725.158	36197.71	4638.822	3011.492

Sample Name: K1339-01 Acquired: 02/18/2019 17:54:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGA FY6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610478	-.011727	.0734955	-.014343	.0031296	102.8301	12.02556
Stddev	.0031068	.000420	.0013763	.003383	.0015938	.8068	.03787
%RSD	5.089064	3.580657	1.872582	23.58738	50.92588	.7845571	.3149033

#1	.0604468	-.011295	.0737685	-.010450	.0026363	102.8652	12.00736
#2	.0644112	-.011754	.0720032	-.016567	.0049118	103.6188	12.06909
#3	.0582855	-.012133	.0747148	-.016014	.0018409	102.0064	12.00022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122800	.0076089	15.91467	.2113678	.1133612	.1557556	261.0511
Stddev	.0000525	.0002557	.13115	.0010632	.0023510	.0021438	2.6354
%RSD	.4277362	3.360605	.8240817	.5030133	2.073875	1.376415	1.009533

#1	.0123282	.0076194	15.84296	.2120246	.1138558	.1543924	261.3272
#2	.0122878	.0073482	16.06604	.2101411	.1108023	.1582267	263.5376
#3	.0122240	.0078593	15.83502	.2119377	.1154255	.1546476	258.2885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3848677	17.47319	.5094389	-.011893	-.583257	.1630958	.2701053
Stddev	.0049179	.31975	.0047511	.000185	.081225	.0084695	.0182932
%RSD	1.277828	1.829934	.9326087	1.551432	13.92613	5.192957	6.772614

#1	.3845768	17.33718	.5122291	-.011751	-.538168	.1556008	.2726566
#2	.3899247	17.83845	.5039531	-.012101	-.534578	.1722840	.2506704
#3	.3801017	17.24392	.5121344	-.011826	-.677025	.1614025	.2869890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.063096	1.043283	.2325697	.0007840	5.104483	3.352413	.0054263
Stddev	.025614	.010899	.0064713	.0002927	.058821	.006921	.0009537
%RSD	.3176749	1.044659	2.782527	37.34071	1.152334	.2064543	17.57466

#1	8.068663	1.046642	.2336144	.0004461	5.112914	3.348000	.0046735
#2	8.085469	1.031101	.2384551	.0009614	5.041902	3.360390	.0064986
#3	8.035156	1.052108	.2256396	.0009445	5.158634	3.348849	.0051067

Sample Name: K1339-01 Acquired: 02/18/2019 17:54:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFY6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1476392	.2133460	.1695017
Stddev	.0095490	.0012094	.0005191
%RSD	6.467760	.5668883	.3062272

#1	.1542656	.2122680	.1689840
#2	.1519581	.2146539	.1700221
#3	.1366938	.2131160	.1694991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.486	2755.705	36619.06	4689.995	3089.300
Stddev	6.342	16.032	113.62	25.004	24.663
%RSD	.2638805	.5817615	.3102829	.5331367	.7983327

#1	2409.329	2743.970	36748.12	4688.099	3074.090
#2	2396.741	2773.971	36574.97	4665.993	3117.756
#3	2404.388	2749.174	36534.09	4715.893	3076.055

Sample Name: K1342-16 Acquired: 02/18/2019 17:58:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAG18 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0398181	-.003656	4.592877	.0095104	-.006517	4.341397
Stddev	.0032969	.000690	.021902	.0020842	.000851	.005987
%RSD	8.280036	18.86285	.4768772	21.91518	13.06260	.1379009

#1	.0360215	-.003733	4.600905	.0089695	-.007498	4.348041
#2	.0419603	-.002931	4.568093	.0077499	-.006087	4.339728
#3	.0414724	-.004304	4.609633	.0118117	-.005966	4.336421

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242008	.0012204	.2680367	9.128597	.0213138	.0066640
Stddev	.0001751	.0000682	.0008188	.066761	.0005533	.0001720
%RSD	.7236276	5.591958	.3054717	.7313441	2.596024	2.581328

#1	.0243221	.0011764	.2679010	9.193986	.0217296	.0067635
#2	.0242803	.0012990	.2672943	9.131261	.0206858	.0064654
#3	.0240001	.0011857	.2689149	9.060543	.0215261	.0067632

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6012253	43.46372	.1555460	4.204843	.0578912	-.000878
Stddev	.0030051	.21089	.0019412	.053185	.0002616	.000070
%RSD	.4998362	.4852015	1.248000	1.264841	.4518180	7.958278

#1	.5993061	43.70387	.1563725	4.260187	.0581756	-.000959
#2	.6046886	43.30873	.1533284	4.154119	.0578369	-.000843
#3	.5996813	43.37857	.1569372	4.200223	.0576610	-.000833

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.352477	.0260196	F 76.45170	-.048315	1.383843	.0317006
Stddev	.049414	.0073079	.45839	.028993	.006637	.0014414
%RSD	14.01907	28.08597	.5995763	60.00827	.4796386	4.546973

#1	-.308772	.0214401	76.97210	-.058822	1.385452	.0329858
#2	-.342563	.0221712	76.10780	-.015533	1.376549	.0301421
#3	-.406097	.0344474	76.27519	-.070589	1.389529	.0319741

Sample Name: K1342-16 Acquired: 02/18/2019 17:58:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG18 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043253	25.52569	4.279542	-.000555	.0373689	-.008944
Stddev	.0001128	.07308	.092374	.000760	.0062919	.001715
%RSD	2.608731	.2863191	2.158503	137.0925	16.83717	19.16987
#1	.0043742	25.57229	4.371477	-.001346	.0434677	-.007007
#2	.0044055	25.44146	4.186736	-.000489	.0309003	-.009557
#3	.0041963	25.56332	4.280412	.000171	.0377389	-.010268

Elem	Sr4077
Units	ppm
Avg	.0098224
Stddev	.0000195
%RSD	.1980895
#1	.0098317
#2	.0098354
#3	.0098000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.288	2217.953	29590.28	3762.525	3147.069
Stddev	14.159	13.333	146.17	18.151	8.708
%RSD	.7215371	.6011615	.4939947	.4824222	.2767110
#1	1949.178	2232.174	29528.28	3742.650	3147.630
#2	1960.385	2215.951	29485.32	3766.700	3155.483
#3	1977.302	2205.733	29757.23	3778.225	3138.094

Sample Name: K1342-17 Acquired: 02/18/2019 18:02:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438858	-.002523	5.210955	.0060315	-.005914	4.641041
Stddev	.0035619	.001334	.026494	.0015443	.001749	.025704
%RSD	8.116308	52.87420	.5084287	25.60345	29.57252	.5538509

#1	.0398170	-.002524	5.201632	.0066548	-.003896	4.611922
#2	.0454003	-.003857	5.190383	.0071668	-.006852	4.660579
#3	.0464402	-.001189	5.240850	.0042730	-.006994	4.650622

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0269591	.0013473	.2457015	14.02263	.0448300	.0073858
Stddev	.0006688	.0001191	.0011487	.12820	.0005876	.0001628
%RSD	2.480947	8.842104	.4674963	.9142672	1.310824	2.203657

#1	.0277305	.0014260	.2454007	13.87704	.0454588	.0072115
#2	.0266054	.0014058	.2447332	14.11864	.0447364	.0074119
#3	.0265414	.0012103	.2469706	14.07222	.0442948	.0075338

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6842895	49.53363	.1941684	6.880708	.0713705	-.000720
Stddev	.0070858	.45308	.0003044	.065378	.0004192	.000257
%RSD	1.035493	.9146882	.1567478	.9501592	.5873945	35.71681

#1	.6867712	49.10129	.1944017	6.819254	.0711972	-.000709
#2	.6898006	50.00493	.1942794	6.873465	.0718486	-.000983
#3	.6762967	49.49467	.1938242	6.949406	.0710657	-.000469

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.451990	.0273477	F 76.46091	.0221036	1.610512	.0391400
Stddev	.137333	.0027695	.33137	.0888535	.005443	.0012638
%RSD	30.38416	10.12684	.4333856	401.9858	.3379562	3.228857

#1	-.532731	.0302811	76.08930	.0241385	1.608649	.0376995
#2	-.529818	.0247782	76.72567	-.067750	1.606246	.0400627
#3	-.293420	.0269838	76.56777	.109922	1.616642	.0396576

Sample Name: K1342-17 Acquired: 02/18/2019 18:02:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG19 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052750	24.58427	3.872047	.0006260	.0361069	-.007978
Stddev	.0003103	.09723	.036648	.0009041	.0018316	.001513
%RSD	5.882758	.3955067	.9464779	144.4159	5.072605	18.95967
#1	.0049223	24.54079	3.852820	.0016693	.0381454	-.008443
#2	.0055063	24.51637	3.849013	.0000729	.0355754	-.009204
#3	.0053964	24.69566	3.914307	.0001359	.0345999	-.006288

Elem	Sr4077
Units	ppm
Avg	.0115636
Stddev	.0000789
%RSD	.6819404
#1	.0114842
#2	.0115645
#3	.0116420

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.356	2249.311	29784.73	3785.142	3143.277
Stddev	5.876	7.450	147.39	9.360	10.324
%RSD	.2983598	.3312191	.4948672	.2472712	.3284324
#1	1970.205	2244.262	29754.14	3794.850	3143.913
#2	1974.761	2257.868	29655.03	3784.400	3153.269
#3	1963.102	2245.804	29945.02	3776.175	3132.651

Sample Name: K1352-14 Acquired: 02/18/2019 18:06:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748984	-.003110	24.71749	-.005956	-.008555	74.71265
Stddev	.0034042	.003689	.06055	.002369	.002906	.29983
%RSD	4.545132	118.6296	.2449653	39.76964	33.96636	.4013154

#1	.0778747	-.007340	24.77963	-.003747	-.007950	74.43144
#2	.0711865	-.000557	24.71418	-.008457	-.005999	75.02815
#3	.0756341	-.001433	24.65867	-.005664	-.011715	74.67835

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5145753	.0073907	1.230277	45.85694	.1438925	.0600678
Stddev	.0017977	.0001964	.002291	.28525	.0001719	.0002024
%RSD	.3493460	2.657982	.1861928	.6220411	.1194654	.3370047

#1	.5135273	.0072168	1.232727	45.55639	.1438249	.0602678
#2	.5166510	.0076038	1.229918	46.12391	.1437646	.0600726
#3	.5135475	.0073514	1.228188	45.89053	.1440879	.0598631

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2706998	179.2657	2.351370	25.41914	.1210077	-.006425
Stddev	.0021515	.9084	.023911	.26633	.0003932	.000281
%RSD	.7947752	.5067528	1.016898	1.047772	.3249739	4.368081

#1	.2715810	178.2748	2.328114	25.25682	.1206523	-.006298
#2	.2722707	180.0592	2.375886	25.72652	.1214302	-.006231
#3	.2682476	179.4631	2.350112	25.27409	.1209406	-.006747

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.475311	.2611236	F 138.0823	2.102834	1.728888	.1523170
Stddev	.197202	.0077611	.1758	.014975	.007782	.0013254
%RSD	41.48917	2.972201	.1273053	.7121246	.4500911	.8701433

#1	-.411801	.2524549	137.9541	2.109171	1.720456	.1533822
#2	-.696442	.2674264	138.0101	2.085732	1.735792	.1508328
#3	-.317688	.2634896	138.2827	2.113598	1.730417	.1527361

Sample Name: K1352-14 Acquired: 02/18/2019 18:06:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG73 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047497	60.19630	3.593372	.0033728	.1580473	.0208133
Stddev	.0004975	.06799	.026053	.0023467	.0024472	.0021366
%RSD	10.47478	.1129459	.7250386	69.57883	1.548381	10.26539
#1	.0052957	60.25016	3.606373	.0054255	.1607080	.0183634
#2	.0043220	60.21883	3.563376	.0038785	.1558929	.0217864
#3	.0046313	60.11990	3.610366	.0008144	.1575410	.0222901

Elem	Sr4077
Units	ppm
Avg	.0517947
Stddev	.0002614
%RSD	.5046745
#1	.0515394
#2	.0520618
#3	.0517830

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.821	2360.986	31370.58	3992.450	3018.622
Stddev	2.047	5.255	102.28	28.658	5.610
%RSD	.0992147	.2225632	.3260496	.7177992	.1858485
#1	2063.210	2355.837	31296.15	4024.635	3012.337
#2	2064.645	2366.340	31487.22	3969.698	3023.123
#3	2060.608	2360.782	31328.38	3983.017	3020.407

Sample Name: K1352-15 Acquired: 02/18/2019 18:10:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846808	-.005090	8.600603	-.006825	-.005214	97.53636
Stddev	.0059260	.001708	.014343	.002238	.001406	.40662
%RSD	6.998056	33.55978	.1667709	32.80067	26.96379	.4168876

#1	.0838249	-.006762	8.609314	-.007666	-.006187	97.14103
#2	.0909882	-.005159	8.584049	-.008520	-.003602	97.95339
#3	.0792293	-.003348	8.608448	-.004287	-.005852	97.51465

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7030677	.0086495	1.000771	40.99435	.1409533	.0702221
Stddev	.0013974	.0000570	.002579	.17026	.0010603	.0006415
%RSD	.1987576	.6584748	.2577238	.4153148	.7522187	.9134605

#1	.7042722	.0087033	1.001366	40.79778	.1421507	.0702660
#2	.7033952	.0086553	.997947	41.08955	.1401337	.0695599
#3	.7015356	.0085898	1.003001	41.09571	.1405756	.0708405

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1889299	190.1117	2.396469	23.12325	.1208998	-.006955
Stddev	.0049286	1.8214	.026791	.27642	.0002834	.000312
%RSD	2.608668	.9580625	1.117929	1.195400	.2344214	4.491052

#1	.1906650	188.2627	2.367860	22.81271	.1206077	-.006755
#2	.1927562	191.9041	2.420966	23.34240	.1209181	-.006796
#3	.1833684	190.1684	2.400583	23.21462	.1211736	-.007315

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.599312	.2964666	F 121.1480	3.026269	1.629074	.1646885
Stddev	.162818	.0021805	.8921	.071195	.009941	.0043416
%RSD	27.16750	.7354968	.7363355	2.352552	.6102251	2.636252

#1	-.787017	.2950379	120.2162	2.947255	1.629340	.1597525
#2	-.514655	.2953854	121.2336	3.046124	1.619002	.1679158
#3	-.496262	.2989764	121.9941	3.085428	1.638879	.1663972

Sample Name: K1352-15 Acquired: 02/18/2019 18:10:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG74 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052328	42.11710	4.084530	.0039595	.1873457	.0278899
Stddev	.0005164	.12751	.002175	.0008200	.0027531	.0004350
%RSD	9.868383	.3027574	.0532487	20.71103	1.469534	1.559831

#1	.0058263	42.21470	4.083012	.0030242	.1874431	.0281202
#2	.0048863	41.97283	4.087021	.0042991	.1900488	.0281614
#3	.0049857	42.16376	4.083556	.0045551	.1845451	.0273882

Elem	Sr4077
Units	ppm
Avg	.0579844
Stddev	.0003151
%RSD	.5434158

#1	.0579966
#2	.0576634
#3	.0582933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.778	2414.251	31792.77	4083.503	3041.298
Stddev	12.693	1.793	60.96	10.639	4.518
%RSD	.6053535	.0742737	.1917282	.2605377	.1485677

#1	2102.897	2414.887	31723.42	4087.190	3040.941
#2	2105.253	2415.640	31837.85	4091.808	3045.985
#3	2082.185	2412.227	31817.05	4071.511	3036.970

Sample Name: K1354-17 Acquired: 02/18/2019 18:15:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1256294	-.003490	.3401782	-.008012	.0105818	84.88150	1.135504
Stddev	.0027295	.001927	.0016166	.002831	.0030556	.20007	.002524
%RSD	2.172656	55.20491	.4752317	35.33931	28.87590	.2357103	.2222523

#1	.1225234	-.001444	.3383413	-.005027	.0099760	84.67051	1.132609
#2	.1276457	-.005270	.3408088	-.008351	.0138950	84.90547	1.137237
#3	.1267190	-.003757	.3413845	-.010659	.0078745	85.06850	1.136667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139567	.1684546	11.84021	.2859528	.1248462	.0492497	322.3381
Stddev	.0002752	.0011714	.03959	.0011426	.0005941	.0027116	.6993
%RSD	1.971545	.6953915	.3343877	.3995700	.4758411	5.505737	.2169453

#1	.0139303	.1671783	11.87045	.2871109	.1242495	.0463761	322.5539
#2	.0136958	.1687048	11.79539	.2859211	.1254376	.0496100	321.5563
#3	.0142442	.1694806	11.85477	.2848264	.1248515	.0517632	322.9040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.900130	6.233302	.1171669	-.013954	-.842665	.4882650	20.56583
Stddev	.019215	.056706	.0011181	.000349	.126075	.0056351	.06142
%RSD	.4926718	.9097306	.9542516	2.501972	14.96143	1.154107	.2986690

#1	3.899804	6.184852	.1161233	-.014304	-.738937	.4820830	20.62972
#2	3.881080	6.295672	.1170306	-.013954	-.806070	.4895975	20.56056
#3	3.919506	6.219380	.1183469	-.013606	-.982989	.4931143	20.50721

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.587431	2.483045	.2857452	.0084665	4.999485	2.891465	.0058044
Stddev	.059320	.020466	.0024357	.0002222	.022152	.085765	.0009601
%RSD	2.292621	.8242310	.8524172	2.624883	.4430830	2.966127	16.54106

#1	2.604713	2.459423	.2834933	.0083684	4.974646	2.851582	.0056335
#2	2.636191	2.494260	.2854119	.0087209	5.006614	2.832904	.0049413
#3	2.521389	2.495453	.2883305	.0083102	5.017194	2.989908	.0068386

Sample Name: K1354-17 Acquired: 02/18/2019 18:15:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAG95 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2909465	.0213710	.0820534
Stddev	.0045967	.0003256	.0004461
%RSD	1.579906	1.523728	.5436269

#1	.2961838	.0210008	.0816040
#2	.2890745	.0214992	.0824961
#3	.2875812	.0216131	.0820601

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.283	2484.972	32467.09	4102.246	3076.685
Stddev	11.002	11.137	265.08	16.781	14.560
%RSD	.5111949	.4481618	.8164531	.4090756	.4732361

#1	2154.693	2490.957	32378.36	4119.412	3093.065
#2	2140.276	2491.838	32257.76	4101.447	3071.775
#3	2161.881	2472.123	32765.15	4085.878	3065.215

Sample Name: K1354-18 Acquired: 02/18/2019 18:19:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAG96 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1138578	-.000248	.2541212	-.007738	.0085919	90.41964	.8563663
Stddev	.0007977	.001599	.0009853	.001426	.0014270	.37230	.0003298
%RSD	.7006121	645.8930	.3877267	18.42898	16.60849	.4117430	.0385064

#1	.1147352	-.000934	.2550467	-.007533	.0075571	90.48590	.8560862
#2	.1136620	-.001388	.2530854	-.006425	.0079988	90.75436	.8567297
#3	.1131762	.001580	.2542314	-.009255	.0102198	90.01867	.8562830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135865	.1500102	11.34804	.2772045	.1148649	.0486394	323.3153
Stddev	.0001773	.0008519	.11158	.0008985	.0009661	.0021407	2.5903
%RSD	1.305178	.5679303	.9832939	.3241307	.8411104	4.401158	.8011546

#1	.0137436	.1497599	11.36870	.2779727	.1140880	.0473520	324.0457
#2	.0136216	.1493113	11.44786	.2762165	.1145599	.0474556	325.4619
#3	.0133942	.1509592	11.22758	.2774243	.1159467	.0511105	320.4382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.426787	6.344818	.1093583	-.013915	-1.01392	.4898889	19.63272
Stddev	.039593	.037581	.0009714	.000350	.11911	.0117492	.10276
%RSD	1.155389	.5923110	.8882980	2.513914	11.74762	2.398348	.5234058

#1	3.441133	6.327824	.1092966	-.013553	-.92381	.5025607	19.51932
#2	3.457208	6.387894	.1084192	-.013943	-1.14896	.4793561	19.71965
#3	3.382022	6.318736	.1103591	-.014251	-.96899	.4877499	19.65920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.718365	2.302391	.2991862	.0080824	4.393122	2.787384	.0059310
Stddev	.053314	.011228	.0103752	.0004952	.025629	.054579	.0003734
%RSD	1.961240	.4876466	3.467819	6.126596	.5833859	1.958090	6.296077

#1	2.660864	2.298999	.2917598	.0081364	4.391964	2.821454	.0058342
#2	2.728073	2.293250	.3110407	.0085484	4.368092	2.816266	.0063433
#3	2.766157	2.314923	.2947579	.0075625	4.419311	2.724433	.0056155

Sample Name: K1354-18 Acquired: 02/18/2019 18:19:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAG96 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2531110	.0224118	.0682366
Stddev	.0057738	.0012620	.0002114
%RSD	2.281113	5.630977	.3098719

#1	.2512123	.0210475	.0684792
#2	.2595949	.0235374	.0681391
#3	.2485256	.0226503	.0680915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.062	2479.217	32137.23	4100.100	3098.436
Stddev	4.210	6.169	182.67	25.272	13.404
%RSD	.1971672	.2488102	.5683980	.6163759	.4326185

#1	2136.733	2483.307	32087.57	4073.335	3100.443
#2	2138.179	2482.222	32339.59	4103.411	3110.724
#3	2130.273	2472.121	31984.53	4123.553	3084.142

Sample Name: CCV027 Acquired: 02/18/2019 18:23:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.593265	4.749479	23.85564	5.047018	5.429975	378.2655
Stddev	.007930	.003761	.03310	.008362	.017032	3.2037
%RSD	.1726373	.0791937	.1387631	.1656882	.3136647	.8469572

#1	4.585672	4.751821	23.84684	5.046739	5.422974	375.1817
#2	4.592631	4.745140	23.89225	5.038799	5.417559	378.0379
#3	4.601493	4.751475	23.82782	5.055517	5.449391	381.5770

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.008269	.4793303	2.417075	361.6442	13.95536	2.266481
Stddev	.043236	.0049464	.001438	3.5364	.00538	.001131
%RSD	.4799620	1.031945	.0594820	.9778757	.0385405	.0499147

#1	8.958672	.4740045	2.415979	358.1687	13.95626	2.267153
#2	9.038016	.4837804	2.418703	361.5254	13.94959	2.267115
#3	9.028118	.4802059	2.416542	365.2386	13.96023	2.265175

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.78626	400.8686	F 12.57604	378.4972	2.360031	1.135445
Stddev	.06877	5.7654	.18885	5.1900	.002074	.004377
%RSD	.4988199	1.438239	1.501627	1.371201	.0878827	.3854941

#1	13.70734	396.0795	12.42689	373.9390	2.361509	1.137231
#2	13.83338	399.2583	12.51285	377.4069	2.357661	1.130457
#3	13.81804	407.2680	12.78837	384.1457	2.360925	1.138647

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	367.2433	2.292116	15.02916	140.5032	5.201664	4.542261
Stddev	2.9799	.030404	.22455	.6063	.010401	.050562
%RSD	.8114352	1.326481	1.494121	.4315459	.1999480	1.113139

#1	364.3964	2.261678	15.17513	139.8117	5.212627	4.484089
#2	366.9930	2.292183	14.77058	140.9440	5.191937	4.567045
#3	370.3405	2.322486	15.14176	140.7538	5.200428	4.575648

Sample Name: CCV027 Acquired: 02/18/2019 18:23:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV027 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.463407	4.663287	F 3.957375	5.088831	F 4.156383	4.689382
Stddev	.016978	.015267	.050806	.005941	.018499	.030056
%RSD	.3107499	.3273819	1.283836	.1167516	.4450825	.6409370

#1	5.460194	4.668266	3.899125	5.089236	4.136356	4.655820
#2	5.448265	4.646152	3.992535	5.082697	4.159961	4.698511
#3	5.481761	4.675442	3.980467	5.094559	4.172831	4.713815

Elem	Sr4077
Units	ppm
Avg	F 4.438211
Stddev	.016569
%RSD	.3733345

#1	4.422033
#2	4.455145
#3	4.437454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1625.076	1826.310	26102.38	3378.708	2507.598
Stddev	26.242	6.701	203.83	17.084	2.939
%RSD	1.614802	.3669373	.7808702	.5056319	.1172155

#1	1603.293	1829.077	25917.89	3398.108	2509.565
#2	1654.209	1831.186	26321.19	3372.100	2509.010
#3	1617.725	1818.669	26068.07	3365.915	2504.219

Sample Name: CCB027 Acquired: 02/18/2019 18:26:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002581	-.001486	.0025127	-.000004	-.001934	-.002748	-.005703
Stddev	.001663	.002917	.0017063	.001003	.001101	.010242	.001245
%RSD	64.44455	196.2802	67.90722	23903.99	56.89592	372.7050	21.82058

#1	-.004468	-.003257	.0042019	.000134	-.002057	-.008841	-.006673
#2	-.001329	-.003083	.0007898	-.001069	-.002969	.009077	-.006137
#3	-.001945	.001881	.0025463	.000923	-.000778	-.008480	-.004300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000508	.0001471	.0012695	-.000085	.0000346	.0048005	-.012658
Stddev	.0000461	.0000174	.0060810	.000184	.0000770	.0028671	.010717
%RSD	90.60624	11.85329	479.0168	217.5486	222.5709	59.72541	84.66458

#1	.0000172	.0001270	-.002899	-.000277	-.000039	.0034483	-.000728
#2	.0001033	.0001573	-.001539	.000090	.000028	.0080936	-.021471
#3	.0000320	.0001570	.008247	-.000067	.000115	.0028595	-.015775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010416	.0266565	-.000257	.0010459	-.286379	.0001673	.0240545
Stddev	.0005730	.0095968	.000287	.0003312	.274832	.0097117	.0157690
%RSD	55.01335	36.00177	111.6651	31.66869	95.96796	5806.738	65.55512

#1	.0015224	.0368773	-.000171	.0012098	-.101474	-.009080	.0174896
#2	.0004075	.0252541	-.000023	.0012631	-.602193	-.000703	.0420453
#3	.0011949	.0178380	-.000578	.0006647	-.155470	.010285	.0126285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.227878	-.007529	-.000431	.0000377	-.000320	-.008388	-.000751
Stddev	.022627	.001183	.000464	.0001567	.002105	.001207	.001431
%RSD	9.929455	15.70783	107.6927	415.6444	657.6463	14.39483	190.4095

#1	-.247826	-.008887	-.000691	-.000005	-.002575	-.008705	.000626
#2	-.232516	-.006978	.000105	-.000093	.001593	-.007054	-.000650
#3	-.203291	-.006722	-.000705	.000211	.000022	-.009406	-.002230

Sample Name: CCB027 Acquired: 02/18/2019 18:26:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB027 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001292	-.003252	-.000022
Stddev	.000277	.001204	.000085
%RSD	21.44702	37.03740	393.5896

#1	-.001023	-.002639	-.000119
#2	-.001276	-.002477	.000014
#3	-.001577	-.004639	.000040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.890	2170.875	27817.64	3470.708	3165.372
Stddev	8.504	9.632	103.70	38.218	13.273
%RSD	.4604244	.4437009	.3727819	1.101164	.4193205

#1	1843.394	2175.283	27752.32	3506.875	3166.119
#2	1856.584	2177.515	27937.21	3430.725	3178.256
#3	1840.691	2159.828	27763.39	3474.525	3151.741

Sample Name: K1315-02 Acquired: 02/18/2019 18:30:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAER9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603259	.0013059	.5087162	-.008241	.0065698	125.1601	1.118017
Stddev	.0028818	.0017366	.0045076	.002917	.0010958	.3465	.001451
%RSD	4.777052	132.9846	.8860788	35.39150	16.67924	.2768151	.1297991

#1	.0590090	.0032507	.5044958	-.011594	.0077658	125.5397	1.116967
#2	.0636309	-.000090	.5081884	-.006292	.0063296	125.0797	1.119673
#3	.0583379	.000757	.5134646	-.006837	.0056140	124.8609	1.117410

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096809	.1109523	23.44678	.1291076	.0612571	.0875263	240.3760
Stddev	.0000849	.0001492	.17105	.0011453	.0001488	.0069257	1.2111
%RSD	.8772267	.1344496	.7295100	.8870616	.2428951	7.912755	.5038483

#1	.0096467	.1108156	23.64347	.1284989	.0613922	.0943944	241.7161
#2	.0097776	.1109298	23.36400	.1304287	.0610976	.0876401	239.3595
#3	.0096184	.1111114	23.33287	.1283953	.0612815	.0805443	240.0524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9008832	7.399032	.0753481	-.010168	-.999306	.3865787	17.60577
Stddev	.0046451	.087931	.0006544	.000336	.217781	.0053773	.21164
%RSD	.5156107	1.188417	.8684441	3.303857	21.79327	1.391001	1.202115

#1	.9060558	7.499401	.0748248	-.009975	-.783056	.3922406	17.43500
#2	.8970683	7.362135	.0751377	-.010556	-1.21859	.3815403	17.53976
#3	.8995254	7.335561	.0760818	-.009974	-.99627	.3859550	17.84255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.182667	1.300824	.2242074	.0059036	3.779439	1.455643	.0055017
Stddev	.051621	.003783	.0018833	.0001392	.012302	.016512	.0001606
%RSD	1.621926	.2908328	.8399721	2.357258	.3254942	1.134361	2.919182

#1	3.225765	1.304896	.2221277	.0059576	3.770909	1.469689	.0055867
#2	3.196779	1.297418	.2246966	.0057456	3.773866	1.459787	.0053165
#3	3.125458	1.300157	.2257977	.0060078	3.793541	1.437454	.0056020

Sample Name: K1315-02 Acquired: 02/18/2019 18:30:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAER9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1652006	.0351700	.0851291
Stddev	.0019293	.0015030	.0000859
%RSD	1.167823	4.273482	.1008936

#1	.1646839	.0362411	.0850628
#2	.1635822	.0358170	.0852262
#3	.1673355	.0334519	.0850984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.017	2430.937	31273.88	3938.231	3180.470
Stddev	8.388	3.352	78.80	44.101	7.170
%RSD	.4044380	.1378773	.2519800	1.119825	.2254525

#1	2078.680	2427.301	31274.59	3895.941	3179.387
#2	2079.038	2433.904	31352.33	3934.807	3188.121
#3	2064.333	2431.606	31194.73	3983.944	3173.904

Sample Name: K1315-05 Acquired: 02/18/2019 18:35:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAES0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1536176	.0021850	.2767235	-.008713	.0104477	58.98723	.6625676
Stddev	.0071603	.0014667	.0008467	.003050	.0014733	.10320	.0030611
%RSD	4.661136	67.12696	.3059614	35.00411	14.10115	.1749476	.4620082

#1	.1588594	.0023518	.2770762	-.011453	.0112923	58.89366	.6659790
#2	.1454593	.0035611	.2773369	-.005427	.0087466	58.97011	.6616633
#3	.1565341	.0006420	.2757575	-.009260	.0113043	59.09791	.6600605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107781	.0063437	14.98923	.3190097	.2125550	.0266958	355.5580
Stddev	.0001743	.0001038	.16775	.0005122	.0009271	.0016652	1.9565
%RSD	1.616852	1.636848	1.119156	.1605707	.4361579	6.237806	.5502538

#1	.0105956	.0064609	14.82690	.3185055	.2117480	.0281217	354.7647
#2	.0109428	.0063070	14.97886	.3195296	.2123493	.0248656	354.1228
#3	.0107960	.0062632	15.16193	.3189940	.2135676	.0271000	357.7865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.576191	3.367204	.0683714	-.015418	-.454047	.7462195	.5218912
Stddev	.025170	.075306	.0007118	.000468	.085877	.0071274	.0197878
%RSD	.4513861	2.236448	1.041033	3.032924	18.91362	.9551347	3.791559

#1	5.597361	3.440680	.0688664	-.015145	-.413796	.7447949	.5168023
#2	5.548360	3.370739	.0675557	-.015958	-.395688	.7539517	.5051448
#3	5.582850	3.290193	.0686921	-.015151	-.552656	.7399121	.5437264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.285006	1.691264	.3505173	.0124934	1.135837	5.232133	.0037243
Stddev	.054712	.006805	.0044747	.0003663	.008399	.085580	.0009779
%RSD	4.257753	.4023762	1.276588	2.931661	.7394777	1.635657	26.25691

#1	1.303553	1.693154	.3505882	.0122871	1.126148	5.205198	.0026550
#2	1.223431	1.683713	.3460077	.0129163	1.141052	5.163262	.0039449
#3	1.328034	1.696924	.3549561	.0122767	1.140311	5.327940	.0045731

Sample Name: K1315-05 Acquired: 02/18/2019 18:35:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAES0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3151587	.0094791	.0573716
Stddev	.0035674	.0016886	.0004333
%RSD	1.131931	17.81335	.7552333

#1	.3171284	.0075646	.0578713
#2	.3173070	.0107560	.0571429
#3	.3110407	.0101168	.0571006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.047	2335.456	30350.49	3809.164	3124.743
Stddev	5.058	6.111	81.32	1.535	8.470
%RSD	.2541662	.2616827	.2679279	.0403078	.2710637

#1	1987.246	2328.452	30379.72	3808.643	3115.976
#2	1987.009	2339.708	30258.61	3810.892	3132.881
#3	1995.886	2338.207	30413.16	3807.957	3125.371

Sample Name: K1335-02 Acquired: 02/18/2019 18:39:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0313315	-.003845	1.663225	.0024620	-.006953	2.789870
Stddev	.0011673	.001230	.010117	.0007175	.001075	.028012
%RSD	3.725670	31.99554	.6082837	29.14438	15.45944	1.004047

#1	.0301408	-.003259	1.655596	.0016663	-.006740	2.774688
#2	.0324739	-.005259	1.659377	.0026600	-.008119	2.822195
#3	.0313797	-.003018	1.674701	.0030598	-.006001	2.772726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312219	.0007564	.3764810	13.21725	.0136943	.0060311
Stddev	.0030237	.0000498	.0016185	.01816	.0003619	.0001314
%RSD	9.684656	6.588724	.4298957	.1374270	2.642768	2.178829

#1	.0297135	.0007205	.3751629	13.22164	.0136922	.0060492
#2	.0347031	.0007355	.3759926	13.23281	.0140573	.0058916
#3	.0292491	.0008133	.3782874	13.19729	.0133335	.0061525

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3750476	30.08609	.1805842	3.915721	.0270593	-.000962
Stddev	.0021281	.04315	.0011322	.084728	.0000794	.000391
%RSD	.5674331	.1434250	.6269657	2.163784	.2932886	40.69446

#1	.3773782	30.11775	.1815000	3.900660	.0271272	-.000563
#2	.3745569	30.03694	.1793183	3.839534	.0269721	-.000976
#3	.3732077	30.10358	.1809342	4.006970	.0270785	-.001346

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.404468	.0186363	F 85.88485	-.290978	1.259518	.0240411
Stddev	.177282	.0050584	1.19296	.016390	.006178	.0010891
%RSD	43.83083	27.14282	1.389019	5.632832	.4905057	4.530338

#1	-.281414	.0224656	85.29906	-.274137	1.259129	.0236020
#2	-.324320	.0205412	85.09803	-.291921	1.253543	.0232399
#3	-.607671	.0129020	87.25746	-.306877	1.265881	.0252812

Sample Name: K1335-02 Acquired: 02/18/2019 18:39:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFR0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033954	19.97379	4.488988	-.000087	.0300990	-.008697
Stddev	.0001078	.09801	.081295	.000859	.0014548	.002729
%RSD	3.174869	.4906713	1.810977	984.4168	4.833519	31.37999
#1	.0032849	19.90064	4.458176	-.000126	.0311567	-.011807
#2	.0034009	19.93558	4.581184	.000791	.0307006	-.006701
#3	.0035003	20.08514	4.427604	-.000926	.0284399	-.007583

Elem	Sr4077
Units	ppm
Avg	.0105892
Stddev	.0001852
%RSD	1.748904
#1	.0105746
#2	.0107813
#3	.0104117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.129	2278.514	29273.02	3643.967	3214.674
Stddev	14.793	6.586	84.01	44.302	8.091
%RSD	.7601021	.2890599	.2869775	1.215752	.2516926
#1	1962.587	2275.077	29182.25	3655.800	3217.316
#2	1941.856	2286.108	29348.04	3594.950	3221.113
#3	1933.942	2274.357	29288.77	3681.150	3205.592

Sample Name: K1335-05 Acquired: 02/18/2019 18:43:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358559	-.002867	1.735442	.0081009	-.007638	2.130195
Stddev	.0014973	.000475	.009518	.0020477	.001376	.018724
%RSD	4.175802	16.58566	.5484254	25.27729	18.01711	.8789841

#1	.0348560	-.003402	1.725924	.0075095	-.006188	2.148686
#2	.0375774	-.002492	1.735443	.0064140	-.008925	2.111246
#3	.0351344	-.002706	1.744959	.0103792	-.007801	2.130654

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270382	.0007417	.6569416	8.542219	.0132520	.0066696
Stddev	.0004045	.0000490	.0030086	.111138	.0006105	.0002396
%RSD	1.496037	6.609041	.4579703	1.301041	4.606861	3.592388

#1	.0268114	.0007775	.6542185	8.662969	.0132315	.0064421
#2	.0275052	.0007617	.6564349	8.444212	.0126519	.0066471
#3	.0267979	.0006858	.6601713	8.519478	.0138724	.0069197

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4005866	32.91426	.1639985	1.702957	.0296453	-.000488
Stddev	.0041560	.45381	.0028841	.072835	.0003738	.000395
%RSD	1.037491	1.378761	1.758595	4.276960	1.260802	81.02180

#1	.3992458	33.40577	.1656282	1.620930	.0300687	-.000477
#2	.3972666	32.51117	.1656989	1.760052	.0295058	-.000889
#3	.4052476	32.82582	.1606685	1.727889	.0293613	-.000098

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.343690	.0163584	F 108.6597	-.330221	1.317620	.0269238
Stddev	.381486	.0064969	.2851	.024238	.012299	.0002536
%RSD	110.9973	39.71635	.2623380	7.339941	.9334010	.9418918

#1	.086795	.0187301	108.4066	-.325366	1.310505	.0267974
#2	-.478039	.0213362	108.6041	-.308778	1.310533	.0272158
#3	-.639826	.0090088	108.9685	-.356520	1.331821	.0267583

Sample Name: K1335-05 Acquired: 02/18/2019 18:43:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFR1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041138	34.31537	4.714449	.0001015	.0240602	-.008239
Stddev	.0005858	.15222	.053504	.0007692	.0026114	.001179
%RSD	14.24062	.4435803	1.134894	758.1672	10.85375	14.30704
#1	.0045282	34.22374	4.707757	.0004886	.0234908	-.008380
#2	.0034436	34.23129	4.664605	.0006001	.0217804	-.009342
#3	.0043697	34.49108	4.770983	-.000784	.0269093	-.006997

Elem	Sr4077
Units	ppm
Avg	.0102835
Stddev	.0000132
%RSD	.1280904
#1	.0102895
#2	.0102927
#3	.0102685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.116	2283.550	29480.79	3659.758	3228.484
Stddev	11.074	18.492	85.45	28.114	16.972
%RSD	.5698940	.8097937	.2898545	.7681846	.5256984
#1	1952.243	2277.334	29573.46	3630.300	3227.427
#2	1946.308	2304.350	29405.11	3686.300	3245.960
#3	1930.797	2268.968	29463.80	3662.675	3212.065

Sample Name: K1324-08DLX2 Acquired: 02/18/2019 18:47:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332061	.0004618	2.641921	-.002265	.0010988	31.09383	.6260773
Stddev	.0014463	.0011637	.011470	.001321	.0018696	.16409	.0053121
%RSD	4.355359	251.9934	.4341542	58.32449	170.1489	.5277270	.8484777

#1	.0348492	-.000615	2.643880	-.003434	-.000926	31.25491	.6304179
#2	.0326434	.000304	2.629598	-.002530	.001462	31.09971	.6276603
#3	.0321259	.001696	2.652286	-.000832	.002760	30.92688	.6201536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042807	.1593678	30.96681	.0636155	.0588629	.2660269	89.81146
Stddev	.0000073	.0007457	.11433	.0005263	.0001257	.0080753	.22289
%RSD	.1710800	.4679346	.3692116	.8273845	.2134776	3.035502	.2481709

#1	.0042845	.1593988	31.06505	.0636145	.0589289	.2746103	90.01177
#2	.0042723	.1586071	30.99407	.0641423	.0587180	.2648903	89.57136
#3	.0042853	.1600976	30.84131	.0630896	.0589418	.2585802	89.85126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.218089	3.980463	.0694152	-.003551	-.253431	.1217699	20.43275
Stddev	.010214	.048604	.0002768	.000389	.124950	.0060774	.24476
%RSD	.3174025	1.221053	.3987944	10.94493	49.30343	4.990910	1.197860

#1	3.229326	3.928465	.0691655	-.003999	-.368095	.1263918	20.31778
#2	3.209368	4.024750	.0697129	-.003332	-.271939	.1240321	20.26664
#3	3.215573	3.988175	.0693672	-.003321	-.120259	.1148858	20.71382

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9392589	1.093591	.0791028	.0034532	12.07396	2.505987	.0007568
Stddev	.0618312	.004736	.0005493	.0004008	.05267	.052386	.0013202
%RSD	6.582983	.4330315	.6944240	11.60573	.4361962	2.090439	174.4557

#1	.9694388	1.089257	.0795811	.0031457	12.10022	2.534942	.0003623
#2	.9802045	1.092871	.0785029	.0039065	12.01332	2.537505	.0022293
#3	.8681334	1.098646	.0792245	.0033075	12.10832	2.445515	-.000321

Sample Name: K1324-08DLX2 Acquired: 02/18/2019 18:47:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF97 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0936214	.0080384	.0571903
Stddev	.0003936	.0015463	.0004594
%RSD	.4203916	19.23664	.8032101

#1	.0937308	.0089707	.0575076
#2	.0939486	.0062534	.0573998
#3	.0931847	.0088909	.0566636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.176	2451.474	31527.25	3900.940	3288.600
Stddev	11.427	14.725	151.83	22.469	9.197
%RSD	.5464304	.6006468	.4815929	.5760015	.2796636

#1	2091.344	2468.297	31382.96	3877.746	3295.873
#2	2102.517	2445.202	31685.64	3902.468	3291.664
#3	2079.666	2440.924	31513.15	3922.607	3278.261

Sample Name: K1324-09DLX2 Acquired: 02/18/2019 18:51:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGA98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459623	-.000427	2.623815	-.003321	.0026126	46.72969	.5175279
Stddev	.0025144	.002514	.020087	.001469	.0015749	.34828	.0019599
%RSD	5.470536	589.4418	.7655724	44.22562	60.27947	.7453151	.3787018

#1	.0432903	.002423	2.602891	-.004933	.0016730	47.00114	.5197310
#2	.0463146	-.002330	2.625607	-.002060	.0044307	46.33699	.5159780
#3	.0482819	-.001373	2.642946	-.002970	.0017341	46.85094	.5168748

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061573	.1379046	47.79604	.0875357	.0687455	.2255839	132.6533
Stddev	.0000305	.0011333	.55159	.0009522	.0004301	.0014499	1.5327
%RSD	.4952551	.8218188	1.154057	1.087729	.6256285	.6427442	1.155399

#1	.0061925	.1367199	48.25023	.0879126	.0683082	.2262833	134.2143
#2	.0061404	.1380155	47.18224	.0882416	.0687604	.2239169	131.1506
#3	.0061389	.1389784	47.95566	.0864527	.0691680	.2265516	132.5948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.439376	4.038809	.0793040	-.005453	-.204126	.1663644	17.14406
Stddev	.038334	.094982	.0005637	.000331	.196009	.0061881	.33022
%RSD	1.114559	2.351727	.7108212	6.077978	96.02327	3.719586	1.926125

#1	3.478326	3.981619	.0786652	-.005091	-.356898	.1630178	17.42056
#2	3.401689	3.986357	.0795150	-.005526	.016880	.1625702	17.23320
#3	3.438113	4.148450	.0797318	-.005742	-.272361	.1735051	16.77843

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.110217	1.391670	.1216329	.0038002	12.54358	1.793341	.0023558
Stddev	.039116	.012005	.0046218	.0002515	.06500	.034433	.0003510
%RSD	3.523310	.8625984	3.799781	6.617949	.5182009	1.920046	14.89856

#1	1.085526	1.384835	.1265976	.0040749	12.50063	1.775696	.0022752
#2	1.155317	1.384645	.1174551	.0037444	12.51175	1.771307	.0027401
#3	1.089809	1.405532	.1208460	.0035813	12.61837	1.833020	.0020521

Sample Name: K1324-09DLX2 Acquired: 02/18/2019 18:51:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF98 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1038412	.0105756	.0683632
Stddev	.0030607	.0022385	.0001208
%RSD	2.947465	21.16618	.1766713

#1	.1061706	.0088101	.0684454
#2	.1049784	.0098236	.0684195
#3	.1003747	.0130933	.0682245

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.743	2388.875	30753.38	3756.243	3150.316
Stddev	28.941	7.549	300.37	28.401	15.637
%RSD	1.412646	.3160052	.9767163	.7560973	.4963565

#1	2024.157	2396.991	30639.60	3727.105	3166.525
#2	2041.434	2387.570	30526.52	3783.844	3149.102
#3	2080.639	2382.064	31094.02	3757.781	3135.322

Sample Name: K1325-08DLX10 Acquired: 02/18/2019 18:55:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFB6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004200	-.000971	1.077777	-.001440	-.000514	.7885558	.0063797
Stddev	.002360	.001078	.004737	.000992	.003342	.0152702	.0002650
%RSD	56.19476	111.0051	.4394806	68.84557	650.2260	1.936474	4.153473

#1	-.006151	-.000350	1.078782	-.002555	-.000646	.7926727	.0063338
#2	-.001577	-.000348	1.072618	-.000658	.002892	.8013454	.0066647
#3	-.004874	-.002215	1.081930	-.001107	-.003789	.7716492	.0061407

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001974	.0620809	1.624057	.0016162	.0010450	.0485073	4.423208
Stddev	.0000807	.0002091	.024936	.0000591	.0001142	.0042761	.029919
%RSD	40.87827	.3368105	1.535404	3.658822	10.92563	8.815290	.6764135

#1	.0001112	.0621640	1.623769	.0015530	.0011379	.0439767	4.453406
#2	.0002098	.0618430	1.649136	.0016701	.0010796	.0490728	4.422642
#3	.0002712	.0622357	1.599267	.0016255	.0009175	.0524726	4.393575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439383	.0872840	.0037685	.0003069	-.729609	-.001404	14.19045
Stddev	.0018520	.0307777	.0003655	.0002182	.182580	.001933	.08372
%RSD	4.215034	35.26159	9.699680	71.12073	25.02435	137.6371	.5899592

#1	.0429143	.0563216	.0040554	.0000555	-.874528	.000787	14.22112
#2	.0428244	.1178737	.0038932	.0004167	-.789756	-.002865	14.25451
#3	.0460762	.0876568	.0033569	.0004484	-.524544	-.002134	14.09572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.330679	.1549889	-.005090	.0002767	4.276355	.2176589	-.000568
Stddev	.020118	.0018596	.000779	.0002486	.023954	.0058391	.001148
%RSD	6.083945	1.199852	15.30296	89.84651	.5601431	2.682665	202.2426

#1	-.308213	.1555779	-.004248	.0001940	4.289046	.2243720	.000476
#2	-.347031	.1529060	-.005237	.0005560	4.248727	.2148458	-.001798
#3	-.336794	.1564826	-.005785	.0000799	4.291293	.2137588	-.000382

Sample Name: K1325-08DLX10 Acquired: 02/18/2019 18:55:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFB6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0057774	-.004440	.0026508
Stddev	.0009776	.001119	.0001258
%RSD	16.92161	25.19247	4.747239

#1	.0052096	-.003556	.0025909
#2	.0069062	-.004067	.0027954
#3	.0052163	-.005697	.0025661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.806	2241.592	28359.30	3490.950	3211.728
Stddev	7.829	13.067	169.95	19.614	6.287
%RSD	.4140482	.5829503	.5992765	.5618430	.1957531

#1	1882.246	2235.066	28351.49	3480.925	3211.057
#2	1897.603	2256.637	28533.03	3513.550	3218.324
#3	1892.569	2233.074	28193.40	3478.375	3205.804

Sample Name: K1325-09DLX10 Acquired: 02/18/2019 18:59:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006416	.0000427	.7696065	-.001027	-.002941	.8192834	.0055829
Stddev	.002243	.0008932	.0078227	.001545	.001255	.0128324	.0013729
%RSD	34.95227	2094.445	1.016452	150.4561	42.67004	1.566300	24.59119

#1	-.008003	.0003132	.7649532	.000172	-.004264	.8061158	.0049216
#2	-.003851	.0007693	.7652283	-.002771	-.001767	.8199822	.0071613
#3	-.007394	-.000955	.7786379	-.000482	-.002792	.8317521	.0046658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002273	.0345042	1.439458	.0015375	.0010954	.0436422	3.934464
Stddev	.0000228	.0001436	.009311	.0002109	.0001628	.0021612	.042109
%RSD	10.03752	.4163111	.6468182	13.71616	14.85709	4.951965	1.070259

#1	.0002534	.0343489	1.428999	.0016637	.0011231	.0411485	3.915298
#2	.0002112	.0345314	1.446842	.0016548	.0012425	.0448064	3.982747
#3	.0002173	.0346323	1.442533	.0012941	.0009206	.0449716	3.905347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511295	.1393508	.0036512	.0003667	-.861481	.0043489	8.827330
Stddev	.0018713	.0322220	.0002216	.0003641	.381787	.0027622	.076190
%RSD	3.659907	23.12292	6.070119	99.31563	44.31750	63.51527	.8631140

#1	.0492234	.1344267	.0036548	.0000471	-.590967	.0039364	8.910596
#2	.0529639	.1098744	.0038710	.0007631	-.695278	.0018161	8.810292
#3	.0512012	.1737514	.0034278	.0002897	-1.29820	.0072941	8.761102

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.411323	.1093382	-.005395	.0002652	2.225860	.2069203	-.000490
Stddev	.025274	.0007403	.000391	.0001253	.014429	.0075624	.001311
%RSD	6.144454	.6770906	7.245107	47.23890	.6482467	3.654751	267.6046

#1	-.391267	.1086634	-.005307	.0004095	2.216839	.2147890	.000554
#2	-.439710	.1101301	-.005055	.0002011	2.218239	.1997068	-.000062
#3	-.402991	.1092212	-.005822	.0001849	2.242501	.2062650	-.001961

Sample Name: K1325-09DLX10 Acquired: 02/18/2019 18:59:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0056028	-.004387	.0025579
Stddev	.0018670	.001826	.0000672
%RSD	33.32183	41.61414	2.625468

#1	.0034480	-.002527	.0025267
#2	.0066232	-.004459	.0026350
#3	.0067371	-.006176	.0025120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.159	2224.676	28387.97	3472.025	3202.607
Stddev	10.267	2.169	115.94	40.443	7.482
%RSD	.5411580	.0974898	.4084252	1.164811	.2336221

#1	1893.589	2225.441	28265.53	3517.325	3206.838
#2	1908.735	2222.229	28496.09	3459.200	3207.014
#3	1889.155	2226.359	28402.29	3439.550	3193.968

Sample Name: K1342-16DLX5 Acquired: 02/18/2019 19:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000355	.0000007	.9537140	.0020716	-.002187	.9016254	.0026255
Stddev	.001408	.0009076	.0021834	.0009252	.001374	.0238480	.0006792
%RSD	396.5491	135153.1	.2289409	44.65905	62.82052	2.645004	25.86740

#1	.000367	.0007793	.9559968	.0026168	-.001653	.8748460	.0034048
#2	.000546	.0002188	.9516458	.0025947	-.001160	.9094582	.0023116
#3	-.001978	-.000996	.9534993	.0010034	-.003748	.9205719	.0021601

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003111	.0552515	2.041056	.0039033	.0013345	.1246564	8.588513
Stddev	.0000112	.0002331	.047464	.0001123	.0001123	.0034794	.175750
%RSD	3.584693	.4218678	2.325484	2.877788	8.411520	2.791232	2.046339

#1	.0003146	.0550999	1.986507	.0040035	.0012099	.1278885	8.417976
#2	.0002986	.0551346	2.063727	.0037819	.0014278	.1251072	8.769049
#3	.0003201	.0555198	2.072933	.0039245	.0013658	.1209735	8.578514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0381712	.8484937	.0113153	.0000987	-.573068	.0022290	17.49345
Stddev	.0003608	.0766165	.0003661	.0000483	.357855	.0021892	.35101
%RSD	.9453035	9.029706	3.235267	48.93133	62.44538	98.21325	2.006530

#1	.0381666	.7604684	.0114571	.0000557	-.415867	.0041349	17.76534
#2	.0378128	.9001705	.0115892	.0000894	-.320722	-.000162	17.61782
#3	.0385344	.8848423	.0108995	.0001510	-.982616	.002714	17.09719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.379770	.2767537	-.001122	.0013199	5.193142	.9530352	-.000763
Stddev	.038093	.0029431	.000586	.0000952	.020985	.0380972	.000410
%RSD	10.03051	1.063441	52.20691	7.212320	.4040926	3.997457	53.74341

#1	-.351330	.2748026	-.000987	.0012733	5.176729	.9963085	-.000389
#2	-.423049	.2801390	-.000615	.0012570	5.185911	.9382510	-.001201
#3	-.364931	.2753194	-.001763	.0014294	5.216787	.9245460	-.000697

Sample Name: K1342-16DLX5 Acquired: 02/18/2019 19:03:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAG18 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0092337	-.003956	.0020682
Stddev	.0026525	.001642	.0000699
%RSD	28.72666	41.50747	3.380718

#1	.0065984	-.005676	.0019973
#2	.0091996	-.003788	.0020701
#3	.0119032	-.002405	.0021371

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.882	2279.722	28905.58	3525.408	3249.688
Stddev	31.647	3.196	328.32	33.982	6.430
%RSD	1.645822	.1401829	1.135843	.9639246	.1978641

#1	1907.812	2283.057	28791.65	3562.950	3251.300
#2	1901.586	2276.687	28649.40	3516.525	3255.158
#3	1959.248	2279.422	29275.69	3496.750	3242.605

Sample Name: K1342-17DLX5 Acquired: 02/18/2019 19:07:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049857	-.002710	1.091653	.0020605	-.003159	.9794865	.0033233
Stddev	.0047370	.002609	.001904	.0021141	.001617	.0053657	.0006918
%RSD	95.01274	96.25692	.1744015	102.6015	51.19580	.5478075	20.81646

#1	.0001744	-.000822	1.089588	.0021242	-.001575	.9733706	.0037010
#2	.0051377	-.001621	1.092030	.0041421	-.003096	.9834035	.0037441
#3	.0096448	-.005687	1.093339	-.000085	-.004808	.9816854	.0025249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003652	.0511687	3.174758	.0090664	.0013457	.1510918	9.877454
Stddev	.0000879	.0002025	.042761	.0002569	.0003661	.0065943	.068063
%RSD	24.06805	.3958566	1.346913	2.833923	27.20283	4.364467	.6890738

#1	.0003197	.0510828	3.128320	.0093229	.0009400	.1478616	9.886784
#2	.0004665	.0514001	3.183446	.0088090	.0016513	.1467352	9.805208
#3	.0003093	.0510233	3.212508	.0090674	.0014458	.1586784	9.940371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474585	1.503529	.0140403	.0001436	-.647686	.0122943	17.63978
Stddev	.0006306	.107228	.0004000	.0001883	.339058	.0042125	.23176
%RSD	1.328650	7.131756	2.848738	131.1859	52.34906	34.26385	1.313824

#1	.0472134	1.382568	.0143774	.0001966	-.771469	.0145301	17.86854
#2	.0469873	1.541114	.0135983	-.000066	-.264130	.0074353	17.64566
#3	.0481748	1.586905	.0141451	.000300	-.907460	.0149176	17.40514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.348944	.3219133	-.000785	.0009184	5.028343	.8404254	-.001169
Stddev	.056738	.0006764	.000440	.0004141	.011942	.0196653	.000692
%RSD	16.26002	.2101357	56.13491	45.09207	.2374903	2.339926	59.24050

#1	-.283469	.3211709	-.001080	.0006935	5.041242	.8302875	-.001965
#2	-.383687	.3220741	-.000995	.0006653	5.026115	.8630910	-.000833
#3	-.379675	.3224948	-.000278	.0013963	5.017672	.8278977	-.000708

Sample Name: K1342-17DLX5 Acquired: 02/18/2019 19:07:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG19 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0087045	-.007618	.0024440
Stddev	.0005586	.002605	.0000892
%RSD	6.417177	34.20177	3.648085

#1	.0087502	-.007727	.0023728
#2	.0092389	-.004960	.0024153
#3	.0081245	-.010167	.0025440

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.228	2277.734	28886.00	3528.042	3233.193
Stddev	13.050	2.691	107.89	13.053	5.476
%RSD	.6789126	.1181243	.3735080	.3699841	.1693688

#1	1907.162	2278.913	28765.91	3537.625	3232.703
#2	1930.028	2279.634	28917.32	3513.175	3238.897
#3	1929.494	2274.655	28974.76	3533.325	3227.978

Sample Name: K1352-14DLX10 Acquired: 02/18/2019 19:11:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033267	-.001361	2.563205	-.004316	.0002781	8.628787	.0556132
Stddev	.0045665	.002562	.011026	.000284	.0013788	.041936	.0014638
%RSD	137.2716	188.2859	.4301574	6.577654	495.7673	.4860050	2.632144

#1	.0063599	-.001307	2.558834	-.004567	.0001797	8.636027	.0552506
#2	.0055454	-.003949	2.555035	-.004373	.0017036	8.666632	.0572242
#3	-.001925	.001174	2.575746	-.004008	-.001049	8.583702	.0543648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010306	.1296439	5.742182	.0163528	.0062353	.0355742	19.56482
Stddev	.0000580	.0008755	.043549	.0007234	.0001856	.0066313	.16562
%RSD	5.625589	.6753136	.7584119	4.423427	2.976791	18.64071	.8465147

#1	.0009644	.1294803	5.729434	.0168980	.0062834	.0397352	19.50358
#2	.0010554	.1288617	5.790683	.0155322	.0063921	.0390604	19.75233
#3	.0010721	.1305897	5.706429	.0166283	.0060304	.0279269	19.43854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3056953	3.134497	.0121584	-.000751	-.862848	.0330940	18.16339
Stddev	.0086384	.068607	.0000375	.000180	.171934	.0064683	.14629
%RSD	2.825820	2.188769	.3081344	23.92739	19.92635	19.54532	.8054032

#1	.2957530	3.055276	.0121970	-.000951	-.972785	.0377916	18.08135
#2	.3113625	3.174069	.0121222	-.000602	-.951045	.0357740	18.07653
#3	.3099705	3.174146	.0121560	-.000701	-.664712	.0257164	18.33229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.163965	.1669428	.0075359	.0008299	6.108252	.4164001	-.001573
Stddev	.077476	.0025343	.0004342	.0002114	.039520	.0059025	.000706
%RSD	47.25167	1.518060	5.762276	25.46946	.6469895	1.417500	44.86416

#1	-.155342	.1654921	.0079846	.0010728	6.107413	.4114239	-.000857
#2	-.245391	.1654672	.0075055	.0007290	6.069159	.4148549	-.002268
#3	-.091160	.1698691	.0071177	.0006878	6.148185	.4229215	-.001595

Sample Name: K1352-14DLX10 Acquired: 02/18/2019 19:11:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAG73 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0176104	-.003428	.0060284
Stddev	.0026710	.001552	.0001170
%RSD	15.16729	45.27884	1.941192

#1	.0181500	-.004671	.0061040
#2	.0199705	-.003924	.0058936
#3	.0147108	-.001688	.0060875

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.173	2285.805	29108.34	3518.133	3244.990
Stddev	20.998	10.425	157.83	28.707	8.388
%RSD	1.080602	.4560684	.5422218	.8159599	.2584793

#1	1919.883	2291.962	28989.89	3494.900	3245.541
#2	1960.658	2291.685	29287.52	3509.275	3253.088
#3	1948.978	2273.769	29047.62	3550.225	3236.340

Sample Name: K1352-15DLX10 Acquired: 02/18/2019 19:15:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAG74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032824	-.000076	.9239321	-.002735	-.000809	11.52955	.0798992
Stddev	.0006244	.001874	.0040886	.001958	.001396	.03614	.0003441
%RSD	19.02129	2480.022	.4425232	71.59016	172.5494	.3134818	.4306571

#1	.0032545	.001971	.9202542	-.001040	-.000719	11.55516	.0802029
#2	.0026725	-.000490	.9232077	-.002287	.000540	11.54529	.0799692
#3	.0039203	-.001707	.9283345	-.004877	-.002248	11.48821	.0795255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012112	.1078039	5.243854	.0168106	.0072472	.0259013	21.31621
Stddev	.0000600	.0005712	.009357	.0002917	.0001587	.0033834	.12295
%RSD	4.957529	.5298624	.1784450	1.735133	2.189270	13.06255	.5767929

#1	.0012604	.1078400	5.252469	.0166102	.0071257	.0227588	21.26329
#2	.0012289	.1072155	5.245194	.0166764	.0071892	.0254623	21.22857
#3	.0011443	.1083562	5.233899	.0171453	.0074267	.0294827	21.45676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3204828	2.831704	.0123722	-.000791	-.572915	.0351135	16.01795
Stddev	.0011308	.017591	.0003214	.000528	.158170	.0067759	.31180
%RSD	.3528519	.6212162	2.597889	66.67143	27.60789	19.29721	1.946582

#1	.3199844	2.834538	.0127405	-.001389	-.728500	.0293239	16.21081
#2	.3217773	2.847705	.0121485	-.000391	-.412282	.0334505	15.65822
#3	.3196869	2.812867	.0122275	-.000594	-.577964	.0425661	16.18481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049733	.1628059	.0095663	.0005004	4.381146	.5097653	-.000740
Stddev	.009305	.0038936	.0013748	.0001689	.032038	.0203127	.000638
%RSD	18.70939	2.391585	14.37154	33.74464	.7312642	3.984708	86.31557

#1	-.041074	.1587094	.0092028	.0003760	4.370716	.5071805	-.000111
#2	-.059571	.1632497	.0084097	.0004326	4.355622	.5312466	-.000720
#3	-.048552	.1664586	.0110863	.0006926	4.417098	.4908687	-.001387

Sample Name: K1352-15DLX10 Acquired: 02/18/2019 19:15:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAG74 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0224762	-.002297	.0069172
Stddev	.0019454	.002064	.0001032
%RSD	8.655496	89.85993	1.492209

#1	.0203325	-.002020	.0069963
#2	.0229666	-.004486	.0068004
#3	.0241295	-.000385	.0069548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.513	2291.074	28754.82	3497.425	3241.337
Stddev	19.403	16.198	131.77	41.449	11.646
%RSD	1.005578	.7070195	.4582551	1.185116	.3593016

#1	1907.134	2290.416	28602.92	3480.400	3239.493
#2	1941.625	2307.591	28823.16	3467.200	3253.796
#3	1939.781	2275.215	28838.39	3544.675	3230.723

Sample Name: K1315-03 Acquired: 02/18/2019 19:19:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAER9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0612475	.0023341	.5267403	-.003394	.0081154	129.4959	1.142750
Stddev	.0058184	.0021343	.0025711	.002096	.0030174	.5614	.003196
%RSD	9.499834	91.43931	.4881250	61.76304	37.18112	.4335563	.2796332

#1	.0624064	.0045636	.5285708	-.001563	.0046312	128.9077	1.145632
#2	.0549369	.0021288	.5238007	-.005681	.0098615	129.5539	1.143304
#3	.0663993	.0003099	.5278493	-.002939	.0098535	130.0260	1.139313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102916	.1138216	24.94813	.1311186	.0632499	.0914348	254.4345
Stddev	.0000613	.0005517	.26817	.0009879	.0001148	.0036879	2.2404
%RSD	.5953059	.4847194	1.074912	.7534467	.1814346	4.033397	.8805283

#1	.0102641	.1137993	24.66108	.1320501	.0631203	.0946526	251.9605
#2	.0102488	.1132814	24.99106	.1300826	.0632908	.0922415	255.0166
#3	.0103617	.1143842	25.19225	.1312232	.0633387	.0874103	256.3263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9831876	7.867396	.0760271	-.011766	-.974432	.4082596	18.38974
Stddev	.0062545	.073346	.0005686	.000357	.229349	.0025167	.16912
%RSD	.6361426	.9322773	.7478586	3.037780	23.53670	.6164407	.9196560

#1	.9761966	7.845312	.0753747	-.011467	-.815699	.4053553	18.57805
#2	.9851136	7.807629	.0764174	-.011669	-.870212	.4096261	18.25078
#3	.9882525	7.949247	.0762892	-.012162	-1.23738	.4097975	18.34038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.279373	1.323435	.2496355	.0058863	3.822653	1.788517	.0072575
Stddev	.100437	.010766	.0015509	.0002118	.005023	.032117	.0013948
%RSD	3.062697	.8135209	.6212775	3.598145	.1314089	1.795722	19.21922

#1	3.289344	1.331302	.2488194	.0061290	3.823995	1.771558	.0056841
#2	3.174322	1.311165	.2486630	.0057389	3.817096	1.825558	.0077460
#3	3.374453	1.327839	.2514241	.0057909	3.826870	1.768434	.0083424

Sample Name: K1315-03 Acquired: 02/18/2019 19:19:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAER9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1748746	.0341226	.0876536
Stddev	.0002694	.0002927	.0002999
%RSD	.1540545	.8578328	.3421636

#1	.1751053	.0342080	.0877670
#2	.1745785	.0337967	.0878802
#3	.1749398	.0343632	.0873135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.202	2459.068	31314.67	3820.592	3166.269
Stddev	10.591	13.198	297.63	51.399	21.474
%RSD	.5143078	.5366937	.9504637	1.345322	.6782032

#1	2064.071	2461.276	31442.78	3879.400	3170.886
#2	2066.484	2471.023	31526.80	3798.121	3185.058
#3	2047.053	2444.906	30974.43	3784.254	3142.862

Sample Name: K1315-04 Acquired: 02/18/2019 19:23:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAER9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1326971	.1078547	.5557930	.0454387	.2134459	131.8624	4.871213
Stddev	.0027625	.0013984	.0016923	.0013908	.0045074	.8675	.016366
%RSD	2.081775	1.296514	.3044799	3.060741	2.111744	.6579139	.3359683

#1	.1320781	.1078902	.5539709	.0462268	.2103327	131.5944	4.854310
#2	.1357165	.1092350	.5560928	.0462564	.2113902	132.8324	4.886983
#3	.1302967	.1064390	.5573154	.0438328	.2186147	131.1606	4.872346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1083511	.2158263	24.55346	.5165379	1.072248	.5667287	254.0743
Stddev	.0011167	.0004931	.27304	.0017290	.001409	.0050829	2.8709
%RSD	1.030606	.2284551	1.112036	.3347235	.1313768	.8968918	1.129950

#1	.1085165	.2153863	24.56797	.5155355	1.071648	.5658731	253.8247
#2	.1093759	.2157333	24.81896	.5185343	1.071239	.5721851	257.0619
#3	.1071610	.2163592	24.27345	.5155439	1.073858	.5621278	251.3364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.914157	7.701839	1.114086	.0687292	-.929389	1.405369	19.00396
Stddev	.025798	.026248	.001593	.0001703	.088645	.011193	.24378
%RSD	1.347740	.3408024	.1430299	.2477652	9.537983	.7964154	1.282796

#1	1.911813	7.702196	1.114021	.0687804	-.940220	1.400605	18.74738
#2	1.941047	7.727906	1.112526	.0688679	-1.01212	1.418156	19.03197
#3	1.889612	7.675414	1.115711	.0685391	-.83583	1.397347	19.23252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.303522	1.297573	.2491856	.0060139	3.765666	2.498843	.0057463
Stddev	.093677	.003637	.0064280	.0002548	.005987	.045275	.0007756
%RSD	2.835672	.2802901	2.579583	4.237313	.1589840	1.811846	13.49755

#1	3.267252	1.295840	.2453265	.0062331	3.763889	2.502207	.0056406
#2	3.233403	1.295128	.2566060	.0060744	3.760769	2.542342	.0065694
#3	3.409911	1.301753	.2456244	.0057343	3.772340	2.451980	.0050290

Sample Name: K1315-04 Acquired: 02/18/2019 19:23:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAER9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1801056	.0345221	.0866417
Stddev	.0024366	.0008037	.0001523
%RSD	1.352900	2.327942	.1757557

#1	.1788918	.0353662	.0865210
#2	.1829107	.0344338	.0865914
#3	.1785142	.0337662	.0868128

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.496	2461.408	31269.44	3864.934	3188.830
Stddev	10.496	5.607	115.07	28.312	4.180
%RSD	.5049701	.2277818	.3679841	.7325225	.1310837

#1	2075.949	2464.374	31146.57	3839.846	3191.215
#2	2090.031	2454.941	31374.66	3859.325	3184.003
#3	2069.508	2464.908	31287.10	3895.630	3191.271

Sample Name: K1315-02LX5 Acquired: 02/18/2019 19:27:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAER9L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149806	.0010593	.1097245	-.002709	-.001207	28.85503	.2537716
Stddev	.0019833	.0017932	.0012648	.002555	.000773	.28582	.0019183
%RSD	13.23931	169.2823	1.152720	94.33434	64.10778	.9905424	.7559135

#1	.0158258	.0005912	.1091536	-.000780	-.001536	28.95943	.2551341
#2	.0164013	.0030401	.1088458	-.001739	-.000323	29.07398	.2546028
#3	.0127146	-.000453	.1111742	-.005607	-.001761	28.53169	.2515779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024393	.0238961	5.525165	.0291920	.0129882	.0249302	53.97824
Stddev	.0000296	.0001044	.068922	.0002513	.0003986	.0012234	.59474
%RSD	1.214970	.4367394	1.247422	.8608867	3.068815	4.907305	1.101814

#1	.0024261	.0237766	5.513671	.0292183	.0125580	.0260193	53.99495
#2	.0024186	.0239692	5.599111	.0294292	.0130616	.0251649	54.56445
#3	.0024733	.0239426	5.462712	.0289286	.0133450	.0236065	53.37532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2236694	1.741088	.0159333	-.002577	-.689870	.0873392	4.164571
Stddev	.0044228	.069576	.0005915	.000234	.009080	.0044633	.077380
%RSD	1.977391	3.996123	3.712585	9.086243	1.316176	5.110321	1.858047

#1	.2225188	1.725937	.0153603	-.002474	-.685135	.0871193	4.243794
#2	.2285538	1.816992	.0165417	-.002845	-.684137	.0829900	4.160742
#3	.2199356	1.680337	.0158979	-.002411	-.700339	.0919085	4.089177

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3338609	.2739263	.0435717	.0011687	.8044250	.5691714	-.000093
Stddev	.0068666	.0011019	.0020447	.0003759	.0072101	.0119833	.000456
%RSD	2.056732	.4022687	4.692756	32.16469	.8963047	2.105396	490.4383

#1	.3403055	.2748136	.0437268	.0011818	.8005473	.5606910	-.000617
#2	.3266385	.2726929	.0455344	.0015379	.7999836	.5639427	.000210
#3	.3346387	.2742724	.0414538	.0007864	.8127442	.5828806	.000128

Sample Name: K1315-02LX5 Acquired: 02/18/2019 19:27:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAER9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0378880	.0025878	.0196081
Stddev	.0039649	.0018843	.0000816
%RSD	10.46488	72.81416	.4159681

#1	.0333133	.0036304	.0196138
#2	.0403329	.0037205	.0196867
#3	.0400178	.0004126	.0195239

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.883	2317.549	28991.60	3537.150	3250.655
Stddev	12.719	5.777	193.71	40.644	3.978
%RSD	.6600610	.2492932	.6681755	1.149075	.1223685

#1	1926.033	2314.093	29089.85	3574.075	3255.244
#2	1914.610	2324.219	28768.44	3493.600	3248.532
#3	1940.005	2314.336	29116.49	3543.775	3248.191

Sample Name: K1335-03 Acquired: 02/18/2019 19:31:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFR0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312016	-.001557	1.698277	.0015897	-.005360	2.815600
Stddev	.0012743	.001538	.007084	.0023922	.000247	.024058
%RSD	4.083930	98.77188	.4171090	150.4836	4.617475	.8544490

#1	.0318792	-.001116	1.696016	.0017935	-.005590	2.828799
#2	.0319939	-.003267	1.692600	-.000898	-.005391	2.787832
#3	.0297317	-.000288	1.706215	.003873	-.005098	2.830170

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308707	.0007389	.3811795	13.64178	.0139478	.0060915
Stddev	.0007104	.0000411	.0014717	.12239	.0004716	.0001560
%RSD	2.301382	5.567447	.3860951	.8971677	3.381153	2.561483

#1	.0315292	.0007569	.3808281	13.76382	.0136005	.0061323
#2	.0309651	.0006918	.3799154	13.51904	.0137582	.0059191
#3	.0301178	.0007680	.3827952	13.64248	.0144847	.0062231

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3755295	30.91808	.1922259	3.964903	.0262295	-.000687
Stddev	.0055623	.18916	.0008227	.086551	.0001940	.000386
%RSD	1.481177	.6117978	.4279798	2.182935	.7394763	56.20352

#1	.3819111	30.99292	.1920157	3.963626	.0261317	-.000845
#2	.3717102	30.70295	.1931332	3.878998	.0261040	-.000247
#3	.3729673	31.05836	.1915286	4.052086	.0264529	-.000969

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.268242	.0193128	F 87.61284	-.355558	1.253102	.0240452
Stddev	.202898	.0021788	1.36994	.050114	.002997	.0009001
%RSD	75.63962	11.28137	1.563625	14.09437	.2391494	3.743557

#1	-.500619	.0214210	86.03541	-.331877	1.254546	.0232944
#2	-.177903	.0170698	88.29910	-.321674	1.249657	.0237982
#3	-.126205	.0194477	88.50402	-.413124	1.255104	.0250431

Sample Name: K1335-03 Acquired: 02/18/2019 19:31:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFR0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039409	19.86789	5.410908	-.001188	.0319273	-.009404
Stddev	.0003205	.07348	.067947	.000494	.0039651	.001242
%RSD	8.132937	.3698310	1.255735	41.61793	12.41906	13.20711
#1	.0041137	19.93314	5.483583	-.000888	.0364078	-.008405
#2	.0041378	19.78830	5.348966	-.000918	.0288714	-.009013
#3	.0035710	19.88222	5.400176	-.001759	.0305026	-.010795

Elem	Sr4077
Units	ppm
Avg	.0107697
Stddev	.0000596
%RSD	.5538073
#1	.0107188
#2	.0108353
#3	.0107550

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1956.043	2343.377	29512.64	3591.400	3253.579
Stddev	13.491	4.929	241.13	32.776	9.240
%RSD	.6897148	.2103306	.8170264	.9126345	.2840008
#1	1971.261	2344.798	29763.57	3561.550	3258.420
#2	1951.315	2347.439	29491.65	3626.475	3259.393
#3	1945.551	2337.894	29282.69	3586.175	3242.924

Sample Name: K1335-04 Acquired: 02/18/2019 19:35:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFR0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1035995	.1049201	1.719181	.0513730	.1869826	6.613290
Stddev	.0019031	.0008606	.002059	.0024303	.0027121	.012029
%RSD	1.836940	.8202524	.1197742	4.730598	1.450451	.1818903

#1	.1014352	.1049830	1.719161	.0488386	.1897588	6.619943
#2	.1043520	.1040298	1.721250	.0515967	.1843395	6.599405
#3	.1050112	.1057475	1.717132	.0536836	.1868495	6.620523

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.986663	.1031908	.4794008	13.57224	.4227679	1.010015
Stddev	.013487	.0006612	.0008169	.11671	.0030430	.000903
%RSD	.3383073	.6407620	.1704044	.8599157	.7197691	.0894070

#1	3.992617	.1030195	.4785985	13.46546	.4248041	1.008984
#2	3.996149	.1026322	.4793723	13.55442	.4242298	1.010667
#3	3.971224	.1039208	.4802315	13.69683	.4192699	1.010395

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8893665	32.77937	1.206181	3.852208	1.066626	.0807894
Stddev	.0051287	.25420	.010727	.048426	.002258	.0007314
%RSD	.5766684	.7754927	.8893454	1.257108	.2117003	.9052897

#1	.8843822	32.74916	1.204461	3.798794	1.064558	.0815363
#2	.8946283	32.54162	1.196418	3.864584	1.066284	.0800747
#3	.8890891	33.04732	1.217665	3.893245	1.069035	.0807571

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.267552	1.085961	F 87.43104	-.071885	1.230722	.0260022
Stddev	.192519	.010753	.67875	.077335	.000933	.0010433
%RSD	71.95594	.9901865	.7763277	107.5809	.0757833	4.012302

#1	-.088350	1.073563	87.39215	-.079990	1.230947	.0268129
#2	-.243227	1.092739	88.12840	-.144849	1.229698	.0248251
#3	-.471077	1.091582	86.77257	.009183	1.231522	.0263686

Sample Name: K1335-04 Acquired: 02/18/2019 19:35:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFR0S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034241	19.63215	6.457049	-.000427	.0349751	-.007545
Stddev	.0003055	.01557	.062671	.001002	.0018851	.001084
%RSD	8.921325	.0792888	.9705840	234.8895	5.389749	14.36534
#1	.0037494	19.62119	6.441464	.000515	.0360914	-.006445
#2	.0033794	19.62530	6.403641	-.001479	.0360353	-.008612
#3	.0031434	19.64997	6.526042	-.000315	.0327987	-.007578

Elem	Sr4077
Units	ppm
Avg	.0108163
Stddev	.0000419
%RSD	.3870269
#1	.0108465
#2	.0108338
#3	.0107685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.722	2348.211	29840.64	3638.402	3279.358
Stddev	11.699	12.113	114.60	28.451	6.596
%RSD	.5921464	.5158451	.3840267	.7819544	.2011468
#1	1986.419	2350.518	29823.87	3656.537	3276.800
#2	1963.228	2359.004	29735.35	3653.058	3286.850
#3	1977.518	2335.110	29962.69	3605.612	3274.423

Sample Name: K1335-02LX5 Acquired: 02/18/2019 19:39:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFR0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001512	-.001567	.3561808	-.002350	-.002720	.5856472	.0053580
Stddev	.004261	.002139	.0011373	.002122	.001104	.0039186	.0009475
%RSD	281.8059	136.5502	.3192955	90.28532	40.59621	.6691119	17.68413

#1	-.006158	.000734	.3556876	-.004787	-.002706	.5884579	.0064224
#2	.002213	-.003497	.3553733	-.000913	-.001623	.5811709	.0046067
#3	-.000591	-.001937	.3574814	-.001350	-.003831	.5873127	.0050448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002121	.0809503	2.883168	.0029292	.0011454	.0840552	5.775363
Stddev	.0000189	.0001719	.033845	.0001327	.0002124	.0037199	.064607
%RSD	8.901326	.2123676	1.173895	4.531671	18.54080	4.425555	1.118670

#1	.0001974	.0807662	2.847817	.0029571	.0011905	.0812201	5.718415
#2	.0002334	.0809781	2.915274	.0027847	.0009141	.0882673	5.845572
#3	.0002054	.0811066	2.886413	.0030457	.0013315	.0826782	5.762102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0392724	.8347333	.0058436	-.000155	-.564446	.0030138	19.33028
Stddev	.0011508	.0330843	.0002706	.000413	.066746	.0076791	.27123
%RSD	2.930216	3.963452	4.630255	266.0446	11.82512	254.7992	1.403151

#1	.0405602	.8378141	.0055405	.000012	-.489419	-.005604	19.40554
#2	.0389124	.8661695	.0060606	.000148	-.586683	.009130	19.55594
#3	.0383447	.8002165	.0059299	-.000626	-.617235	.005516	19.02937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.428223	.2583264	-.004352	.0008576	4.278495	1.420646	-.001578
Stddev	.044191	.0028882	.001577	.0005289	.013371	.036966	.000462
%RSD	10.31950	1.118055	36.24114	61.67713	.3125207	2.602056	29.28211

#1	-.382794	.2568931	-.003612	.0008882	4.286829	1.377963	-.001456
#2	-.430815	.2564351	-.003281	.0003140	4.263072	1.442305	-.001189
#3	-.471061	.2616509	-.006164	.0013705	4.285583	1.441671	-.002089

Sample Name: K1335-02LX5 Acquired: 02/18/2019 19:39:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFR0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0065457	-.005729	.0022767
Stddev	.0005898	.000291	.0000706
%RSD	9.010689	5.086433	3.102889

#1	.0061766	-.005639	.0022399
#2	.0072260	-.006055	.0022320
#3	.0062346	-.005493	.0023581

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.260	2299.957	28672.94	3492.392	3269.543
Stddev	17.343	13.717	121.17	35.802	12.767
%RSD	.9136430	.5964042	.4226019	1.025155	.3904764

#1	1890.363	2306.022	28561.16	3533.550	3277.762
#2	1886.271	2309.595	28655.93	3475.175	3276.032
#3	1918.146	2284.252	28801.71	3468.450	3254.835

Sample Name: CCV028 Acquired: 02/18/2019 19:43:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV028 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.504516	4.570619	23.90880	4.782602	5.099633	380.8267
Stddev	.002258	.005621	.08751	.003221	.009463	1.0960
%RSD	.0501282	.1229894	.3660206	.0673552	.1855721	.2877865

#1	4.506742	4.570412	23.96279	4.779109	5.090263	379.6841
#2	4.502227	4.565104	23.80783	4.783243	5.099448	381.8691
#3	4.504577	4.576341	23.95578	4.785455	5.109188	380.9270

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 8.867336	.4966733	2.399901	385.8286	F 13.76586	2.268166
Stddev	.024934	.0047092	.007746	2.1347	.08818	.007361
%RSD	.2811943	.9481522	.3227464	.5532717	.6405694	.3245192

#1	8.856899	.4940951	2.403362	384.0095	13.83818	2.273607
#2	8.895793	.5021087	2.391029	388.1787	13.66763	2.259791
#3	8.849317	.4938162	2.405313	385.2977	13.79178	2.271102

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.76231	416.4586	13.65484	397.2073	2.279420	1.178245
Stddev	.03226	1.9252	.08678	1.7006	.006137	.004138
%RSD	.2343997	.4622723	.6355098	.4281412	.2692210	.3511975

#1	13.72626	414.2371	13.55467	395.3858	2.278688	1.182303
#2	13.78847	417.6407	13.70705	397.4829	2.273683	1.174032
#3	13.77220	417.4980	13.70280	398.7533	2.285890	1.178401

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	373.7947	2.376717	15.25715	139.7147	5.085825	4.839023
Stddev	1.7020	.030056	.17130	.9170	.012845	.040124
%RSD	.4553294	1.264604	1.122768	.6563559	.2525705	.8291856

#1	372.4212	2.342058	15.16027	139.7662	5.080100	4.799816
#2	375.6988	2.395607	15.15624	140.6049	5.076837	4.880006
#3	373.2641	2.392487	15.45494	138.7730	5.100537	4.837247

Sample Name: CCV028 Acquired: 02/18/2019 19:43:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.291689	4.503744	F 4.251979	4.929882	F 4.339940	4.622254
Stddev	.007599	.007057	.038425	.015146	.021597	.019008
%RSD	.1435946	.1567016	.9036899	.3072304	.4976364	.4112384
#1	5.283034	4.499061	4.213543	4.921794	4.315079	4.604877
#2	5.297262	4.500311	4.290392	4.920497	4.350671	4.642556
#3	5.294772	4.511862	4.252002	4.947355	4.354070	4.619330

Elem	Sr4077
Units	ppm
Avg	F 4.450338
Stddev	.020332
%RSD	.4568696
#1	4.458975
#2	4.464926
#3	4.427113

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.623	1947.925	26953.04	3327.910	2611.755
Stddev	4.328	6.252	237.55	24.864	11.731
%RSD	.2590729	.3209538	.8813648	.7471404	.4491523
#1	1666.767	1952.120	26695.91	3329.033	2611.180
#2	1669.798	1950.915	27164.34	3302.503	2623.763
#3	1675.304	1940.739	26998.87	3352.193	2600.323

Sample Name: CCB028 Acquired: 02/18/2019 19:47:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002926	.0011443	.0011989	-.001401	-.002291	-.019855	-.002794
Stddev	.001536	.0005883	.0009335	.003267	.001629	.011962	.001019
%RSD	52.49137	51.41306	77.86172	233.1902	71.13070	60.24715	36.46422

#1	-.002007	.0004657	.0014195	.000445	-.000728	-.010790	-.003532
#2	-.002072	.0014570	.0020023	.000525	-.003980	-.033414	-.003220
#3	-.004699	.0015102	.0001749	-.005174	-.002164	-.015363	-.001632

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000861	.0001425	-.002922	-.000126	.0000718	.0053460	-.002615
Stddev	.0000608	.0000614	.009990	.000305	.0001987	.0044475	.020327
%RSD	70.66726	43.05932	341.8642	241.2851	276.6228	83.19207	777.3975

#1	.0000164	.0001334	-.014443	-.000213	.0001263	.0101572	.016265
#2	.0001134	.0002079	.002327	.000213	-.000148	.0044957	-.024131
#3	.0001285	.0000862	.003349	-.000379	.000238	.0013851	.000022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016209	-.025658	.0001639	.0001920	-.804201	-.010013	.0074165
Stddev	.0015031	.018571	.0002504	.0002294	.131038	.007482	.0176364
%RSD	92.73360	72.37757	152.8037	119.4789	16.29421	74.72591	237.8001

#1	.0027704	-.046558	-.000095	.0002417	-.896605	-.017302	.0248088
#2	.0021724	-.019366	.000405	-.000058	-.654234	-.010386	.0078949
#3	-.000080	-.011051	.000181	.000392	-.861765	-.002351	-.010454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.498324	-.007571	-.001431	-.000033	-.000051	-.004787	-.000642
Stddev	.059462	.000758	.001224	.000088	.001184	.000872	.000841
%RSD	11.93245	10.01374	85.54039	270.1189	2324.560	18.20619	130.9214

#1	-.490258	-.007183	-.000304	-.000003	.001294	-.004252	.000326
#2	-.443306	-.008444	-.001257	.000037	-.000515	-.004316	-.001068
#3	-.561407	-.007085	-.002734	-.000131	-.000932	-.005793	-.001184

Sample Name: CCB028 Acquired: 02/18/2019 19:47:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v784) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB028 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000540	-.004298	-.000006
Stddev	.0018395	.000386	.000081
%RSD	3406.844	8.979200	1466.815

#1	.0015301	-.003867	-.000090
#2	.0006387	-.004611	.000072
#3	-.002007	-.004415	.000002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.480	2313.684	29213.79	3496.542	3329.138
Stddev	25.300	6.998	48.42	18.230	10.195
%RSD	1.295128	.3024781	.1657581	.5213673	.3062474

#1	1978.556	2307.758	29268.36	3516.300	3317.507
#2	1953.922	2321.405	29197.08	3492.950	3333.370
#3	1927.961	2311.890	29175.94	3480.375	3336.535