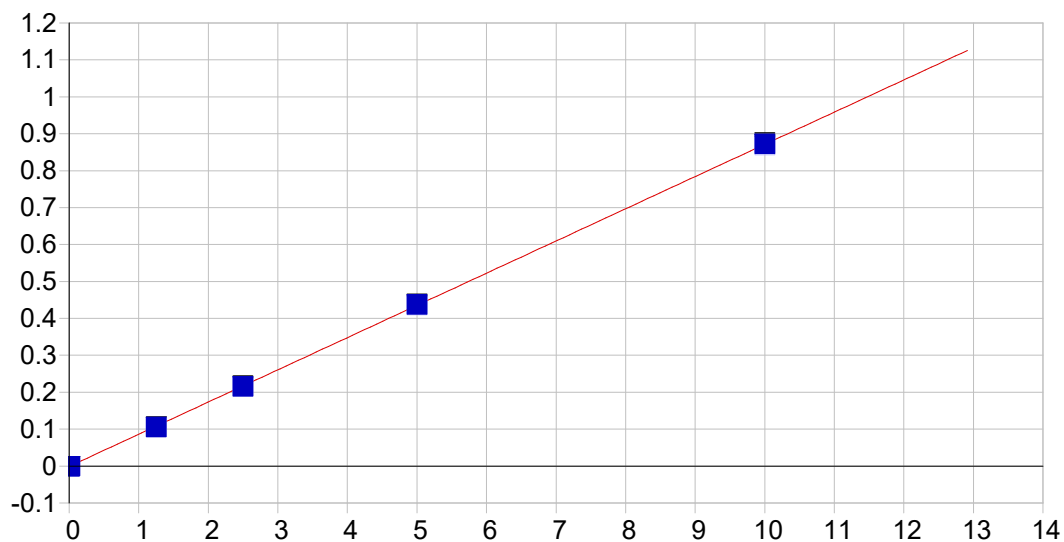


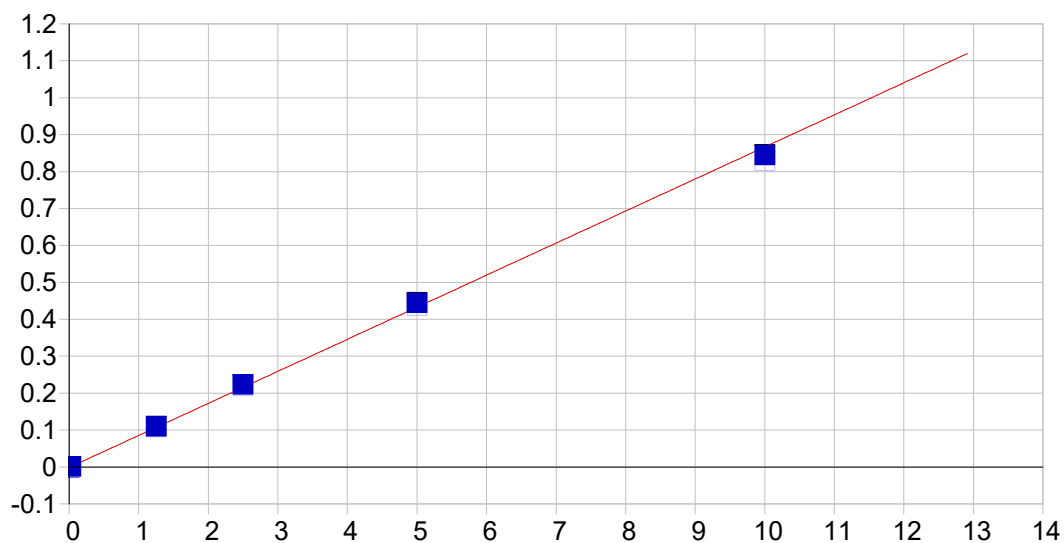


As 189.042 {479}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001056 Re-Slope: 1.000000
 A1 (Gain): 0.087235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.002967
 Predicted MQL: 0.009890

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00106	.000	1
S1	.01000	.01105	.001	10.5	-.00009	.000	1
S2	1.2500	1.2252	-.025	-1.98	.10544	.000	1
S3	2.5000	2.4865	-.014	-.542	.21507	.001	1
S4	5.0000	5.0243	.024	.486	.43568	.002	1
S5	10.000	10.013	.013	.130	.86931	.003	1

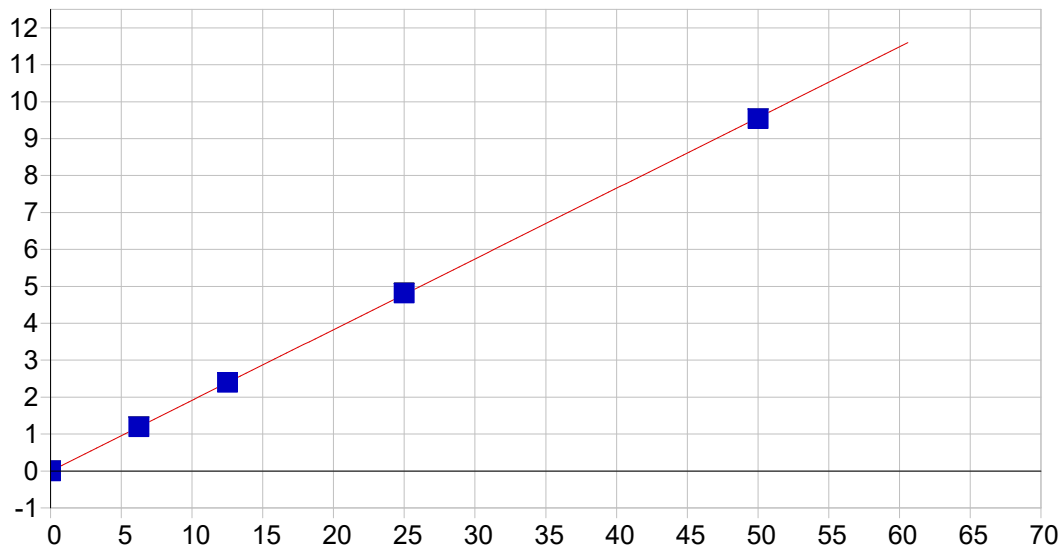


TI 190.856 {477}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001388 Re-Slope: 1.000000
 A1 (Gain): 0.086821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999607 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.002393
 Predicted MQL: 0.007976

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00139	.000	1
S1	.02500	.02784	.003	11.4	.00094	.000	1
S2	1.2500	1.2843	.034	2.75	.10812	.000	1
S3	2.5000	2.5863	.086	3.45	.21915	.000	1
S4	5.0000	5.1317	.132	2.63	.43615	.002	1
S5	10.000	9.7449	-.255	-2.55	.82866	.001	1

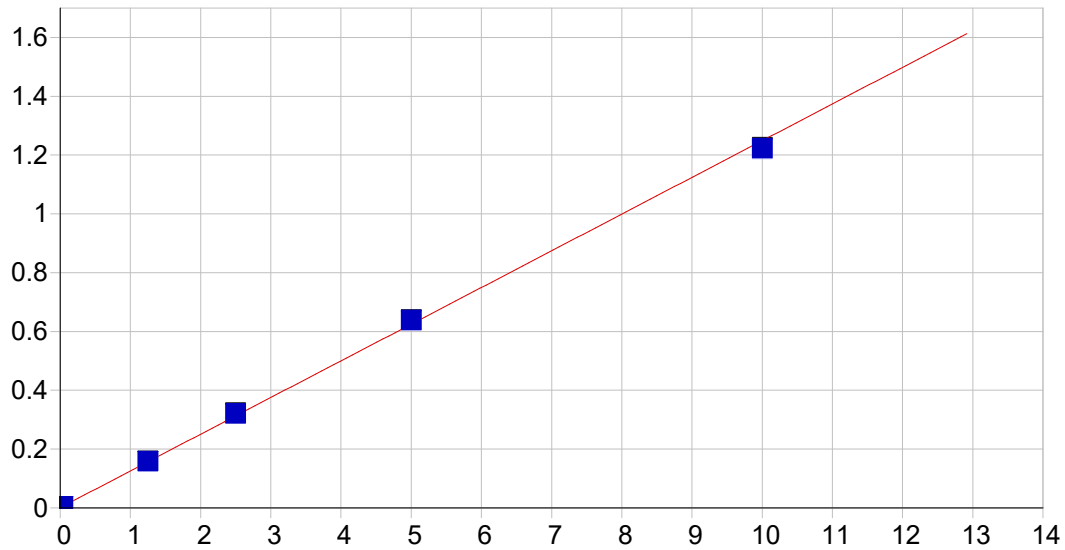


Pb 220.353 {453}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000944 Re-Slope: 1.000000
 A1 (Gain): 0.191382 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.002224
 Predicted MQL: 0.007412

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00094	.000	1
S1	.01000	.01491	.005	49.1	.00191	.000	1
S2	6.2500	6.2531	.003	.050	1.1957	.001	1
S3	12.500	12.514	.014	.110	2.3937	.003	1
S4	25.000	25.157	.157	.629	4.8132	.003	1
S5	50.000	49.821	-.179	-.358	9.5330	.005	1

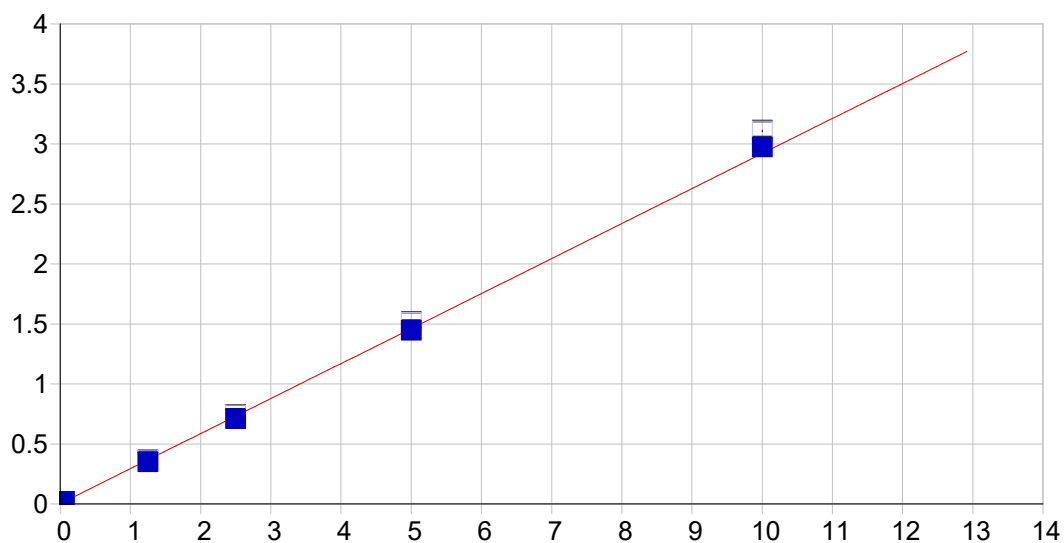


Se 196.090 {472}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000914 Re-Slope: 1.000000
 A1 (Gain): 0.124792 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999737 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.002434
 Predicted MQL: 0.008114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00091	.000	1
S1	.03500	.04172	.007	19.2	.00612	.000	1
S2	1.2500	1.2643	.014	1.14	.15828	.000	1
S3	2.5000	2.5687	.069	2.75	.32065	.001	1
S4	5.0000	5.1109	.111	2.22	.63707	.001	1
S5	10.000	9.7993	-.201	-2.01	1.2205	.002	1

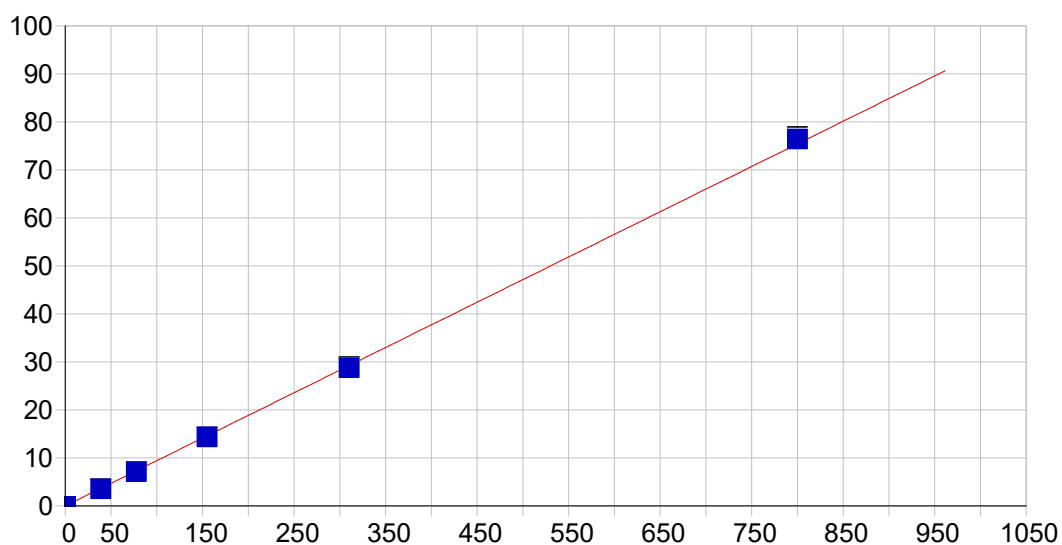


Sb 206.833 {463}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002367 Re-Slope: 1.000000
 A1 (Gain): 0.291729 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999744 Status: OK.
 Std Error of Est: 0.000284
 Predicted MDL: 0.001486
 Predicted MQL: 0.004953

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00237	.000	1
S1	.06000	.06782	.008	13.0	.02217	.000	1
S2	1.2500	1.1878	-.062	-4.98	.36567	.000	1
S3	2.5000	2.4210	-.079	-3.16	.74222	.000	1
S4	5.0000	4.9491	-.051	-1.02	1.5133	.004	1
S5	10.000	10.185	.185	1.85	3.1078	.007	1

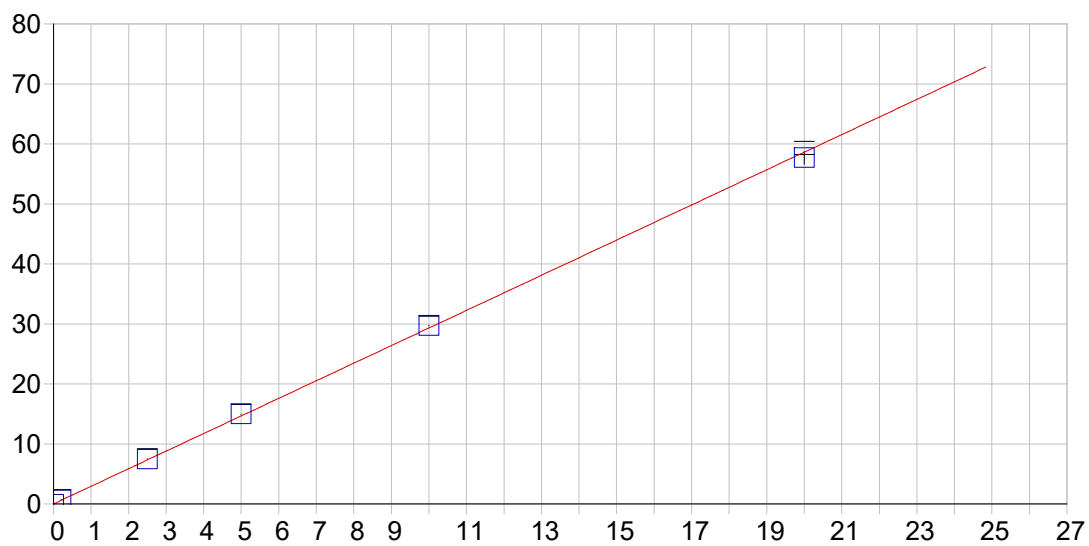


AI 396.152 { 85}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003925 Re-Slope: 1.000000
 A1 (Gain): 0.094282 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000930
 Predicted MDL: 0.008987
 Predicted MQL: 0.029958

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00392	.000	1
S1	.20000	.22279	.023	11.4	.02525	.001	1
S2	38.750	37.537	-1.21	-3.13	3.5503	.013	1
S3	77.500	75.486	-2.01	-2.60	7.1354	.024	1
S4	155.00	152.12	-2.88	-1.86	14.375	.044	1
S5	310.00	305.57	-4.43	-1.43	28.872	.146	1
S6	800.00	810.52	10.5	1.32	76.469	.457	1

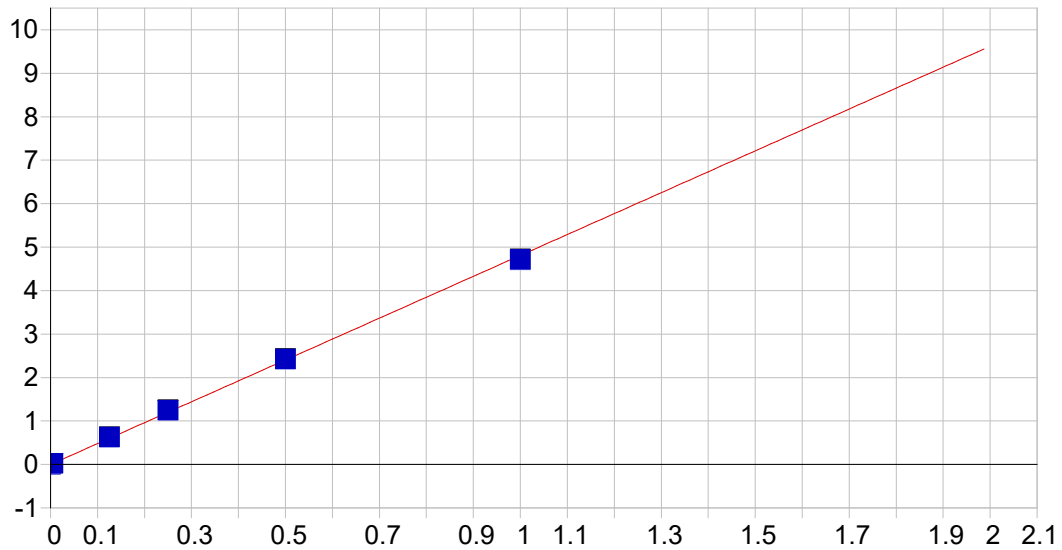


Ba 493.409 { 68}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011111 Re-Slope: 1.000000
 A1 (Gain): 2.930578 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791 Status: OK.
 Std Error of Est: 0.006367
 Predicted MDL: 0.000878
 Predicted MQL: 0.002928

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01099	.002	1
S1	.20000	.23411	.034	17.1	.69719	.002	1
S2	2.5000	2.5478	.048	1.91	7.4776	.019	1
S3	5.0000	5.1064	.106	2.13	14.976	.017	1
S4	10.000	10.130	.130	1.30	29.698	.056	1
S5	20.000	19.682	-.318	-1.59	57.690	1.11	1

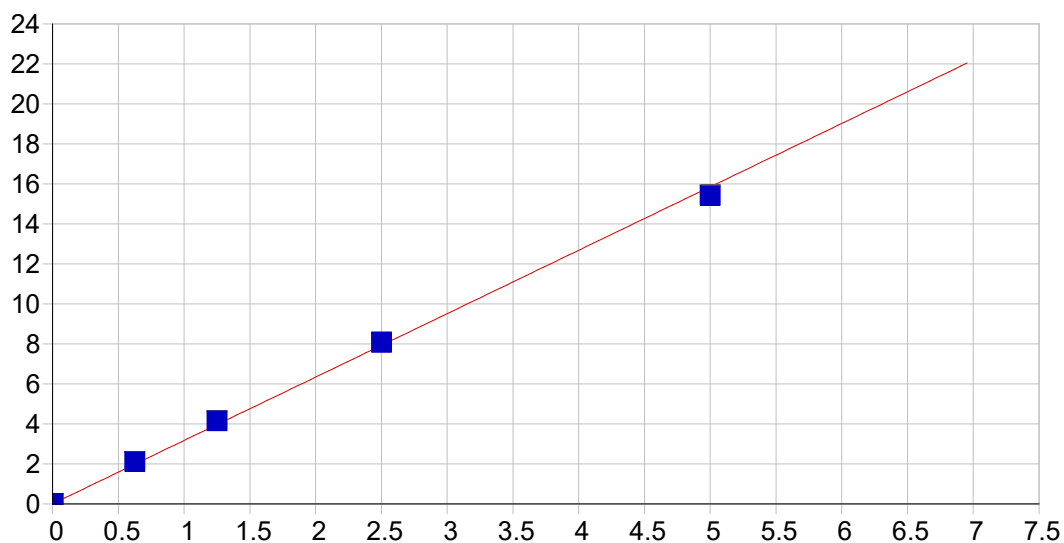


Be 234.861 {144}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002095 Re-Slope: 1.000000
 A1 (Gain): 4.811244 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.000464
 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	-.00210	.000	1
S1	.00500	.00593	.001	18.5	.02640	.000	1
S2	.12500	.13070	.006	4.56	.62474	.005	1
S3	.25000	.25966	.010	3.86	1.2432	.008	1
S4	.50000	.50385	.004	.771	2.4141	.006	1
S5	1.0000	.97986	-.020	-2.01	4.6963	.017	1

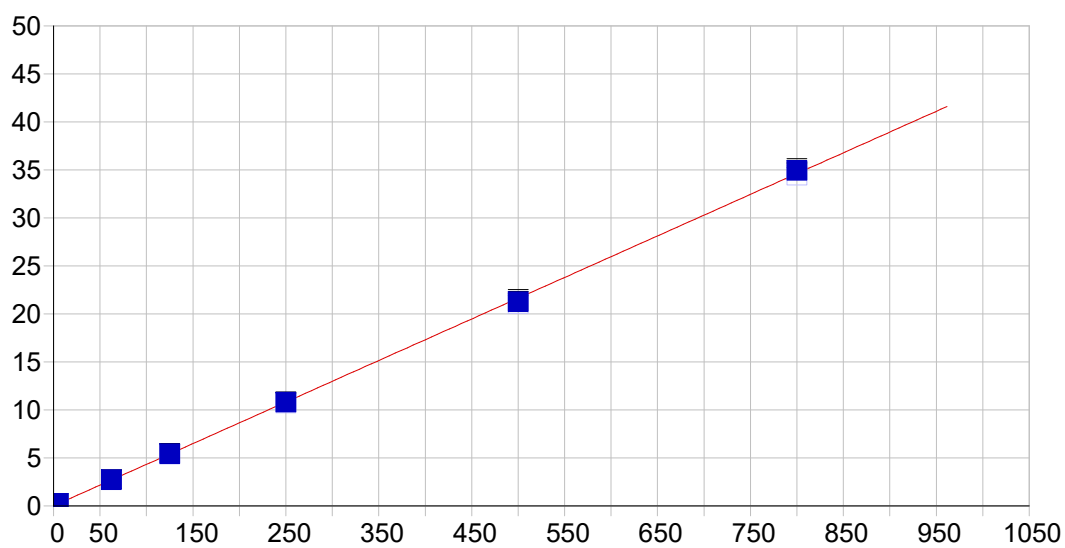


Cd 214.438 {457}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001598	Re-Slope:	1.000000
A1 (Gain):	3.170407	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999475	Status:	OK.
Std Error of Est:	0.000863		
Predicted MDL:	0.000107		
Predicted MQL:	0.000357		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00159	.000	1
S1	.00500	.00613	.001	22.6	.02104	.000	1
S2	.62500	.66384	.039	6.21	2.1093	.004	1
S3	1.2500	1.3060	.056	4.48	4.1481	.004	1
S4	2.5000	2.5442	.044	1.77	8.0798	.009	1
S5	5.0000	4.8599	-.140	-2.80	15.434	.024	1

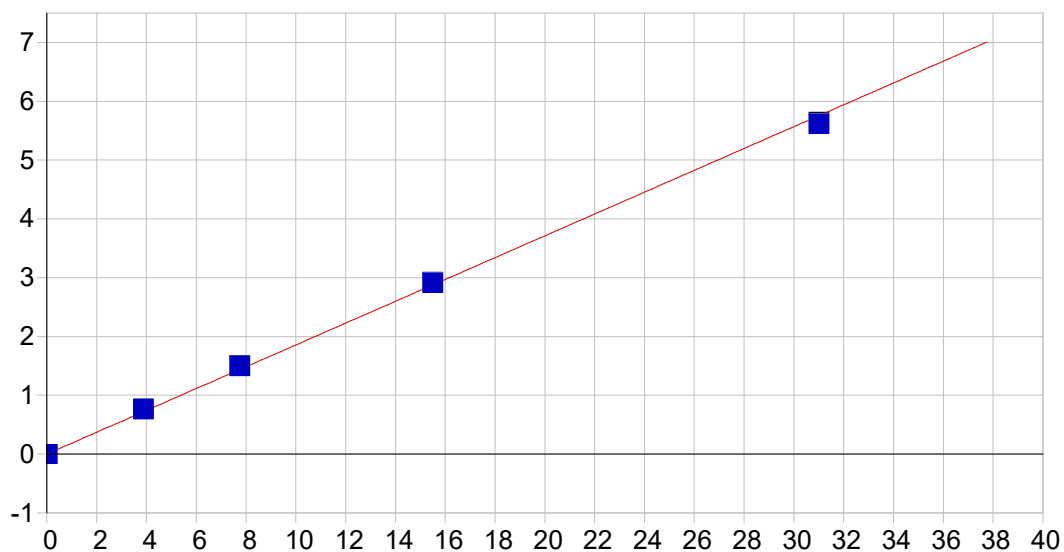


Ca 373.690 { 90}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001647 Re-Slope: 1.000000
 A1 (Gain): 0.043268 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.002347
 Predicted MDL: 0.014544
 Predicted MQL: 0.048481

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00101	-.001	.000	.00160	.000	1
S1	5.0000	6.0135	1.01	20.3	.26178	.001	1
S2	62.500	62.978	.478	.764	2.7024	.021	1
S3	125.00	125.18	.183	.146	5.3697	.036	1
S4	250.00	249.22	-.778	-.311	10.688	.032	1
S5	500.00	491.67	-8.33	-1.67	21.082	.215	1
S6	800.00	807.47	7.47	.934	34.424	.185	1

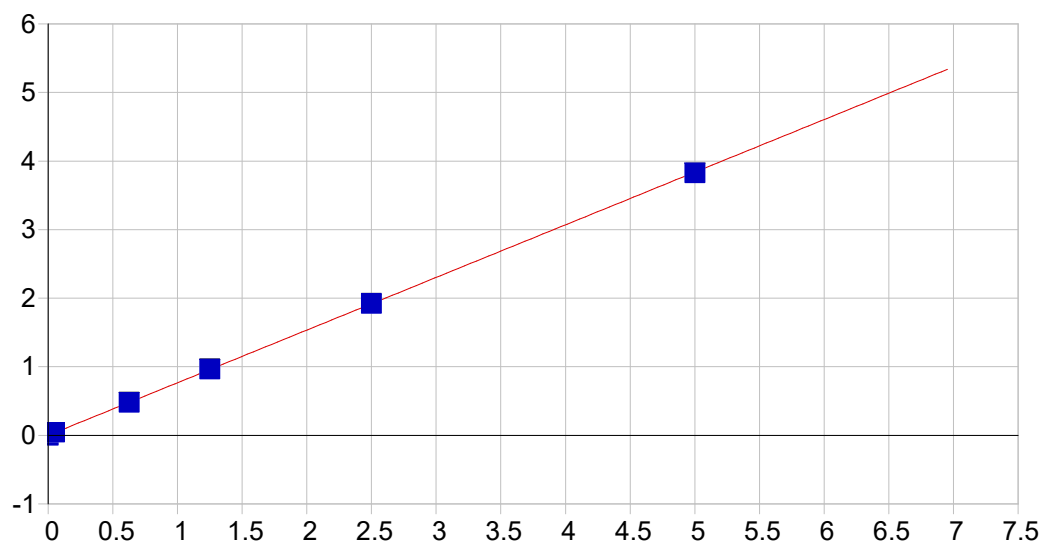


Cr 267.716 {126}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.185622 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999593 Status: OK.
 Std Error of Est: 0.000157
 Predicted MDL: 0.000565
 Predicted MQL: 0.001884

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01366	.004	36.6	.00255	.000	1
S2	3.8750	4.0970	.222	5.73	.76139	.001	1
S3	7.7500	8.0665	.316	4.08	1.4991	.001	1
S4	15.500	15.702	.202	1.30	2.9182	.005	1
S5	31.000	30.256	-.744	-2.40	5.6234	.019	1

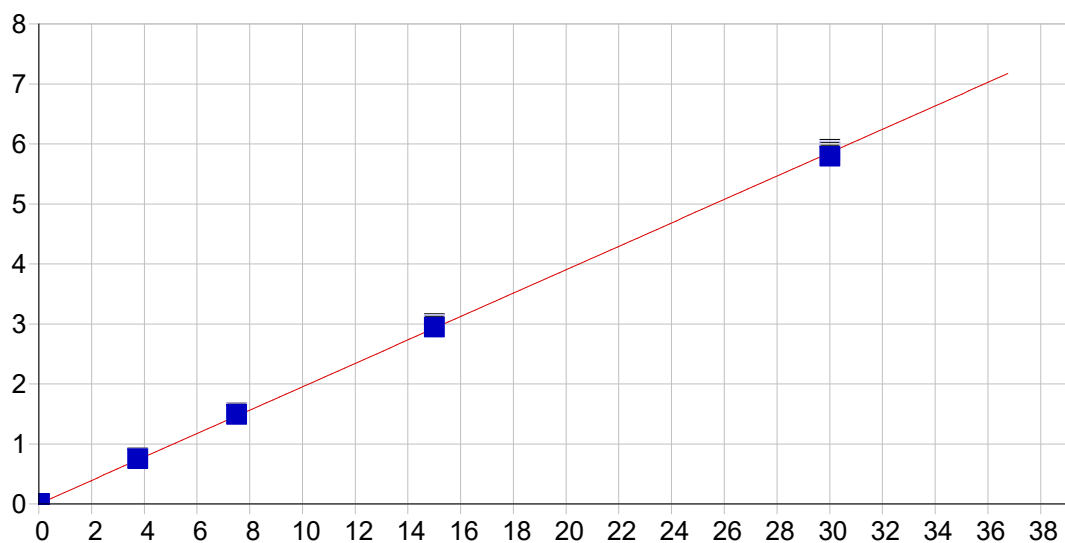


Co 228.616 {448}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.767565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.000370
 Predicted MQL: 0.001233

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00007	.000	1
S1	.05000	.05766	.008	15.3	.04433	.000	1
S2	.62500	.62651	.002	.242	.48159	.001	1
S3	1.2500	1.2566	.007	.527	.96597	.000	1
S4	2.5000	2.5030	.003	.118	1.9242	.002	1
S5	5.0000	4.9813	-.019	-.375	3.8295	.004	1

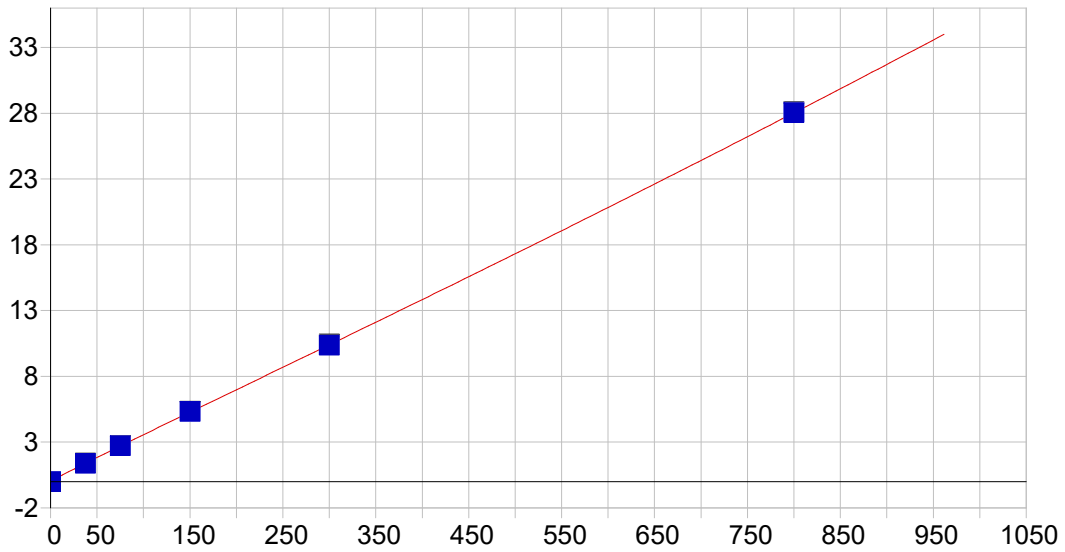


Cu 324.754 {104}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001522 Re-Slope: 1.000000
 A1 (Gain): 0.195081 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.002451
 Predicted MQL: 0.008170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00152	.000	1
S1	.02500	.02794	.003	11.8	.00795	.000	1
S2	3.7500	3.8448	.095	2.53	.76329	.001	1
S3	7.5000	7.6266	.127	1.69	1.5128	.003	1
S4	15.000	15.097	.097	.645	2.9935	.009	1
S5	30.000	29.679	-.321	-1.07	5.8851	.023	1

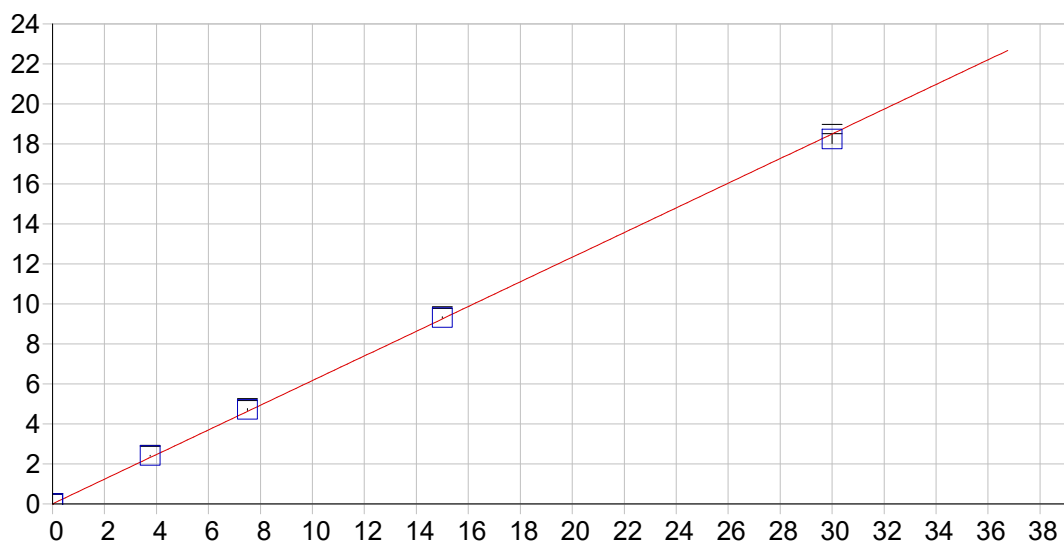


Fe 259.837 {130}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000230 Re-Slope: 1.000000
 A1 (Gain): 0.044236 Y-int: 0.000000
 A2 (Curvature): 0.000008
 n (Exponent): 0.950000
 Correlation: 0.999994 Status: Warning Positive Curvature
 Std Error of Est: 0.000069
 Predicted MDL: 0.005926
 Predicted MQL: 0.019754

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00023	.000	1
S1	.10000	.08750	-.013	-12.5	.00479	.000	1
S2	37.500	37.148	-.352	-.940	1.3831	.011	1
S3	75.000	75.239	.239	.318	2.7190	.011	1
S4	150.00	150.99	.986	.657	5.3249	.014	1
S5	300.00	298.96	-1.04	-.347	10.389	.063	1
S6	800.00	800.19	.195	.024	28.088	.039	1

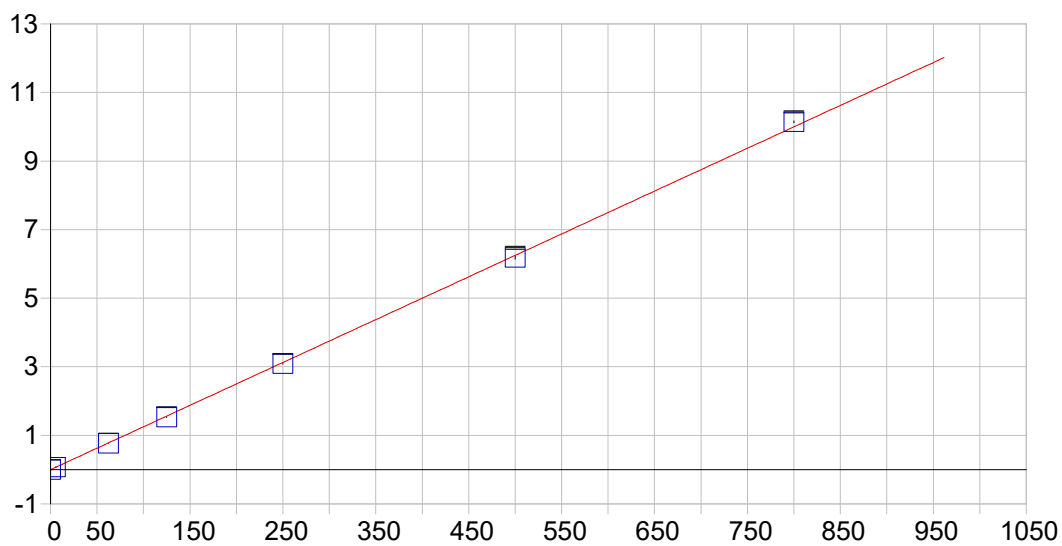


Mn 257.610 {131}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000299	Re-Slope:	1.000000
A1 (Gain):	0.616733	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999845	Status:	OK.
Std Error of Est:	0.000386		
Predicted MDL:	0.000402		
Predicted MQL:	0.001341		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.01500	.01912	.004	27.5	.01209	.000	1
S2	3.7500	3.9070	.157	4.19	2.4099	.024	1
S3	7.5000	7.6541	.154	2.06	4.7209	.041	1
S4	15.000	15.103	.103	.688	9.3149	.037	1
S5	30.000	29.582	-.418	-1.39	18.244	.233	1

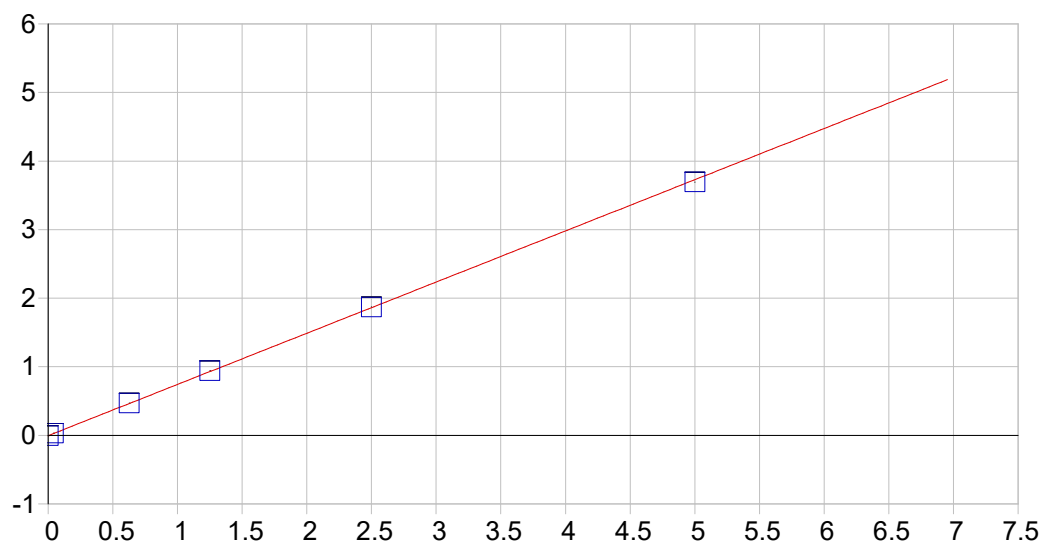


Mg 279.079 {121}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.012498 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000714
 Predicted MDL: 0.023995
 Predicted MQL: 0.079985

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00055	-.001	.000	.00002	.000	1
S1	5.0000	5.7947	.795	15.9	.07245	.001	1
S2	62.500	61.349	-1.15	-1.84	.76677	.006	1
S3	125.00	122.11	-2.89	-2.32	1.5261	.008	1
S4	250.00	247.10	-2.90	-1.16	3.0883	.006	1
S5	500.00	494.73	-5.27	-1.05	6.1832	.045	1
S6	800.00	811.42	11.4	1.43	10.141	.028	1

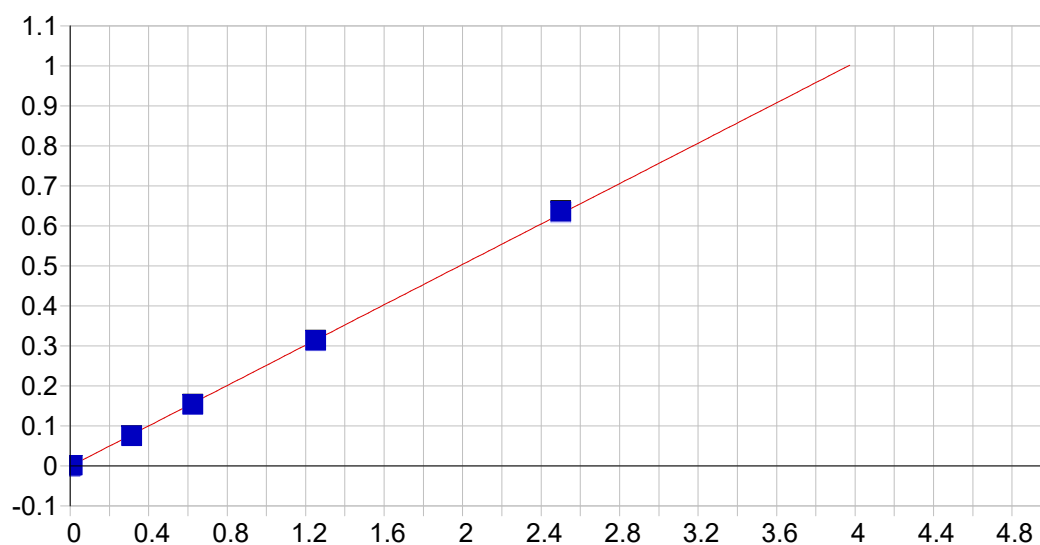


Ni 231.604 {446}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003900 Re-Slope: 1.000000
 A1 (Gain): 0.746362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000313
 Predicted MDL: 0.000504
 Predicted MQL: 0.001678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00391	.001	1
S1	.04000	.04907	.009	22.7	.03272	.000	1
S2	.62500	.63527	.010	1.64	.47024	.000	1
S3	1.2500	1.2654	.015	1.23	.94054	.001	1
S4	2.5000	2.5128	.013	.510	1.8715	.002	1
S5	5.0000	4.9525	-.047	-.950	3.6925	.004	1

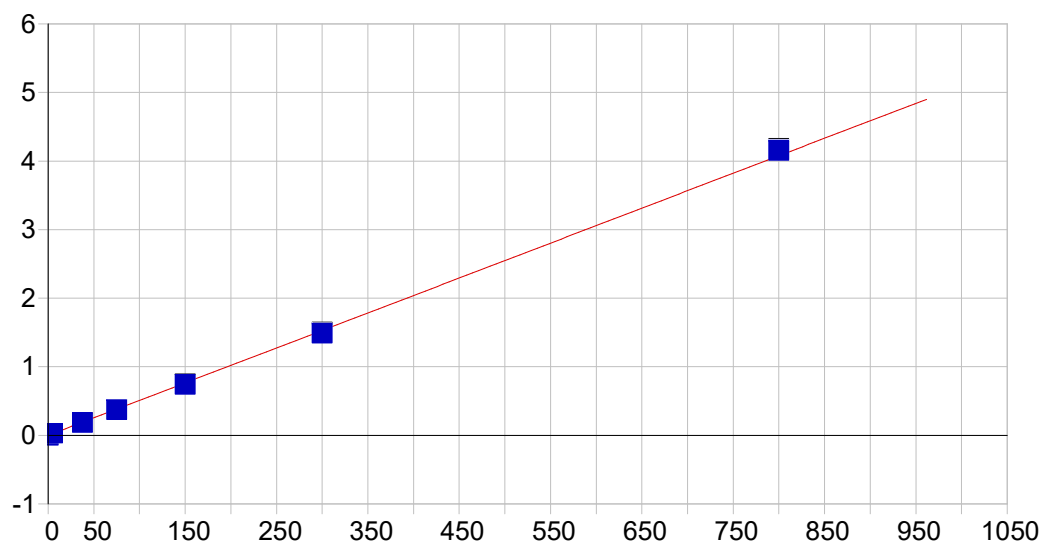


Ag 328.068 {103}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000994	Re-Slope:	1.000000
A1 (Gain):	0.252421	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999877	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.000602		
Predicted MQL:	0.002006		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00099	.000	1
S1	.01000	.01148	.001	14.8	.00188	.000	1
S2	.31250	.30124	-.011	-3.60	.07453	.000	1
S3	.62500	.61215	-.013	-2.06	.15250	.001	1
S4	1.2500	1.2478	-.002	-.179	.31191	.000	1
S5	2.5000	2.5249	.025	.995	.63222	.002	1

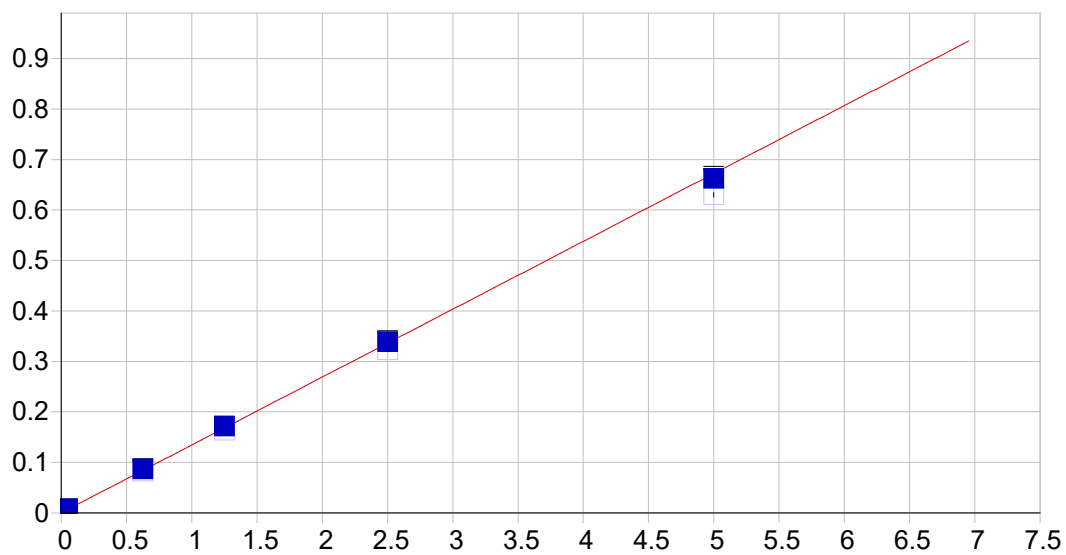


Na 818.326 { 41}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000160	Re-Slope:	1.000000
A1 (Gain):	0.005097	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999707	Status:	OK.
Std Error of Est:	0.000383		
Predicted MDL:	0.300821		
Predicted MQL:	1.002737		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	.00016	.001	1
S1	5.0000	5.6761	.676	13.5	.02909	.002	1
S2	37.500	36.239	-1.26	-3.36	.18571	.000	1
S3	75.000	73.106	-1.89	-2.53	.37446	.002	1
S4	150.00	145.55	-4.45	-2.96	.74540	.003	1
S5	300.00	291.95	-8.05	-2.68	1.4950	.010	1
S6	800.00	814.97	15.0	1.87	4.1719	.011	1

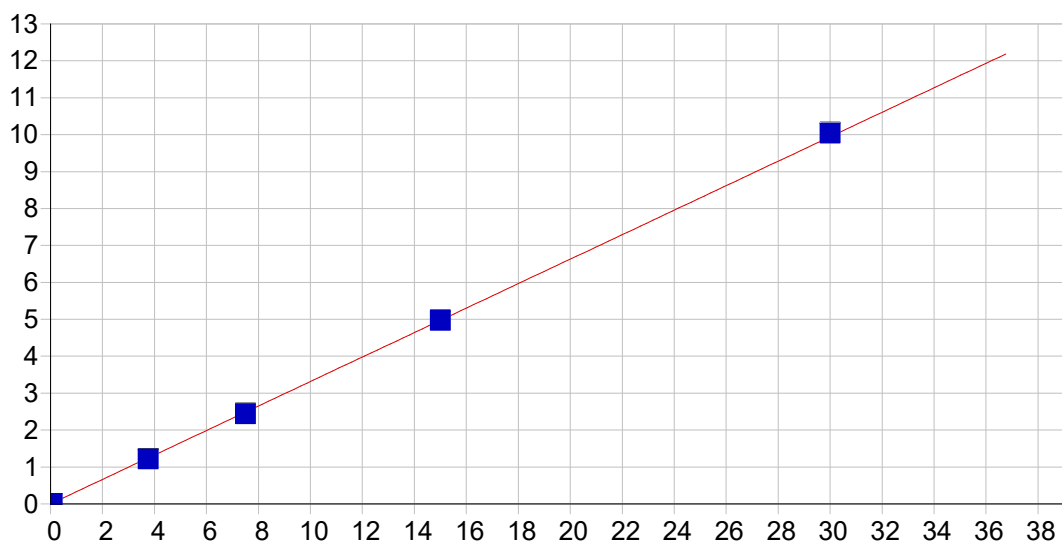


V 292.402 {115}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000185	Re-Slope:	1.000000
A1 (Gain):	0.134416	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999717	Status:	OK.
Std Error of Est:	0.000081		
Predicted MDL:	0.002656		
Predicted MQL:	0.008854		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00018	.000	1
S1	.05000	.06131	.011	22.6	.00841	.000	1
S2	.62500	.64337	.018	2.94	.08264	.001	1
S3	1.2500	1.2742	.024	1.94	.16341	.001	1
S4	2.5000	2.5201	.020	.802	.32281	.002	1
S5	5.0000	4.9255	-.074	-1.49	.63003	.004	1

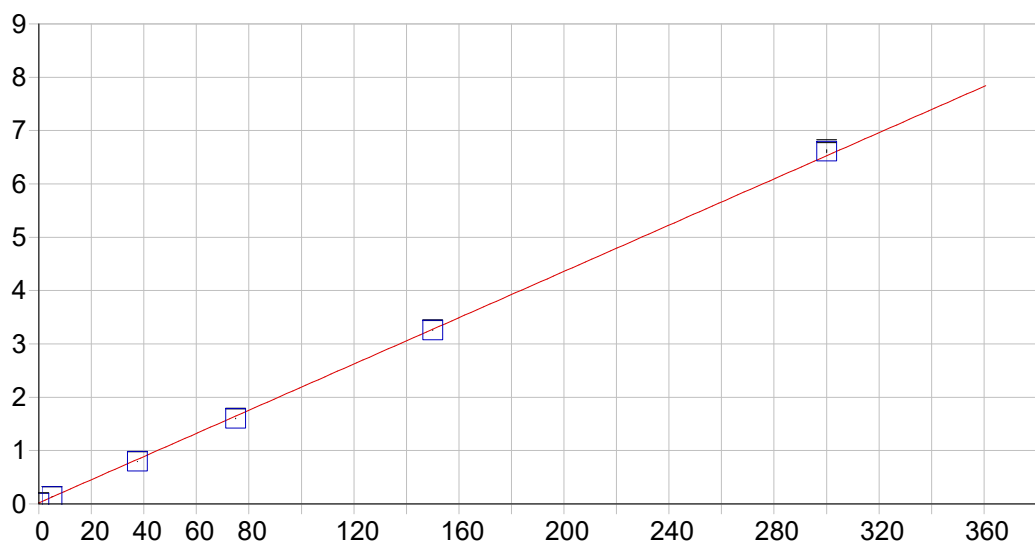


Zn 213.856 {158}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.331453 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000316
 Predicted MDL: 0.001807
 Predicted MQL: 0.006023

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.06000	.06702	.007	11.7	.02234	.000	1
S2	3.7500	3.6484	-.102	-2.71	1.2114	.010	1
S3	7.5000	7.3345	-.166	-2.21	2.4352	.022	1
S4	15.000	14.970	-.030	-.201	4.9700	.009	1
S5	30.000	30.290	.290	.967	10.056	.014	1

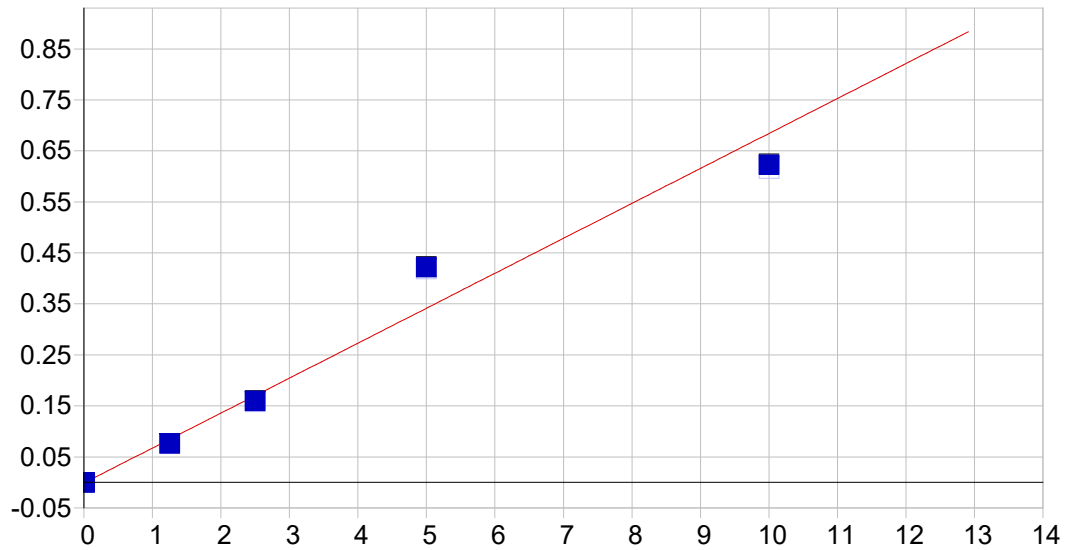


K 769.896 { 44}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.020478	Re-Slope:	1.000000
A1 (Gain):	0.021691	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999793	Status:	OK.
Std Error of Est:	0.000910		
Predicted MDL:	0.065108		
Predicted MQL:	0.217026		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.02047	.001	1
S1	5.0000	5.4614	.461	9.23	.13894	.002	1
S2	37.500	35.766	-1.73	-4.62	.79626	.005	1
S3	75.000	72.957	-2.04	-2.72	1.6030	.007	1
S4	150.00	149.32	-.685	-.456	3.2592	.005	1
S5	300.00	304.00	4.00	1.33	6.6144	.029	1

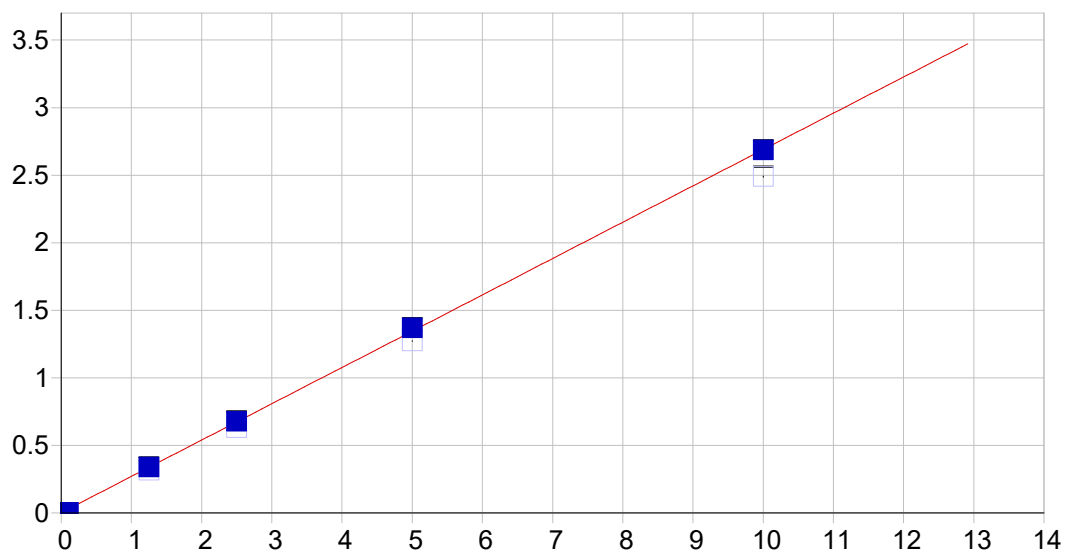


P 177.495 {490}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001172 Re-Slope: 1.000000
 A1 (Gain): 0.068529 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.989886 Status: OK.
 Std Error of Est: 0.000163
 Predicted MDL: 0.002278
 Predicted MQL: 0.007594

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00117	.000	1
S1	.01000	.01208	.002	20.8	-.00035	.000	1
S2	1.2500	1.1300	-.120	-9.60	.07531	.000	1
S3	2.5000	2.3468	-.153	-6.13	.15773	.001	1
S4	5.0000	6.1712	1.17	23.4	.41790	.001	1
S5	10.000	9.0999	-.900	-9.00	.61476	.002	1

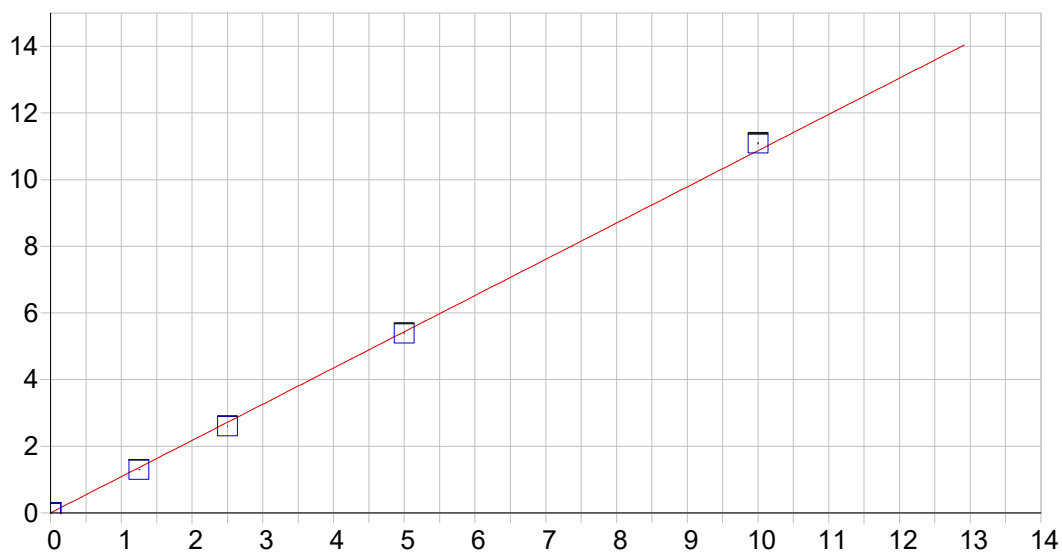


B 249.678 {135}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001457 Re-Slope: 1.000000
 A1 (Gain): 0.268782 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997533 Status: OK.
 Std Error of Est: 0.000933
 Predicted MDL: 0.001162
 Predicted MQL: 0.003873

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00148	.000	1
S1	.10000	.01136	-.089	-88.6	.00446	.000	1
S2	1.2500	1.2560	.006	.479	.31466	.002	1
S3	2.5000	2.5160	.016	.639	.62894	.006	1
S4	5.0000	5.0885	.089	1.77	1.2716	.003	1
S5	10.000	9.9849	-.015	-.151	2.4901	.004	1

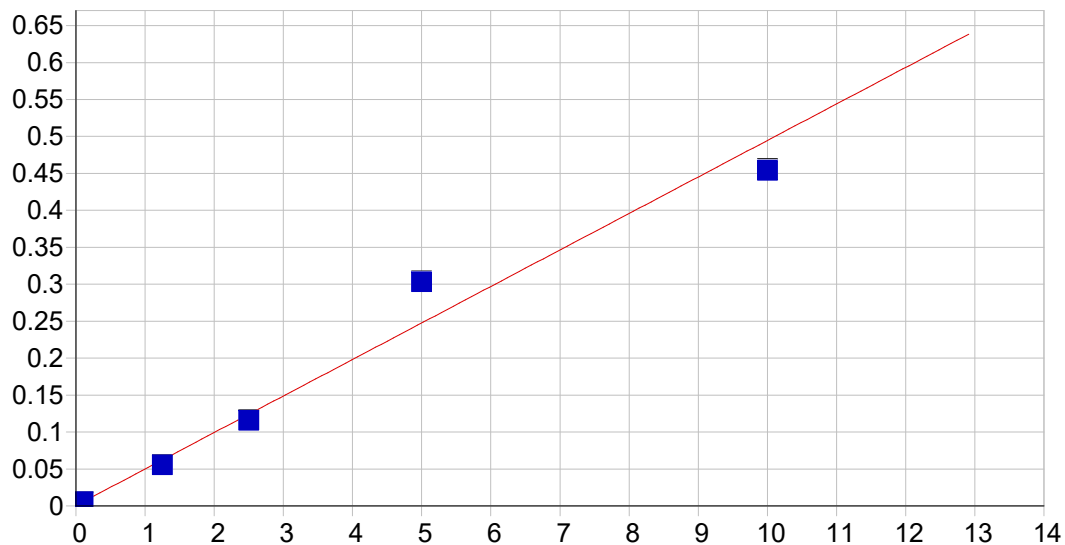


Mo 202.030 {467}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000805 Re-Slope: 1.000000
 A1 (Gain): 1.087162 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999689 Status: OK.
 Std Error of Est: 0.000455
 Predicted MDL: 0.000355
 Predicted MQL: 0.001184

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00080	.000	1
S1	.01000	.01163	.002	16.3	.01345	.000	1
S2	1.2500	1.1919	-.058	-4.65	1.2966	.001	1
S3	2.5000	2.3970	-.103	-4.12	2.6067	.004	1
S4	5.0000	4.9573	-.043	-.854	5.3902	.014	1
S5	10.000	10.202	.202	2.02	11.092	.024	1

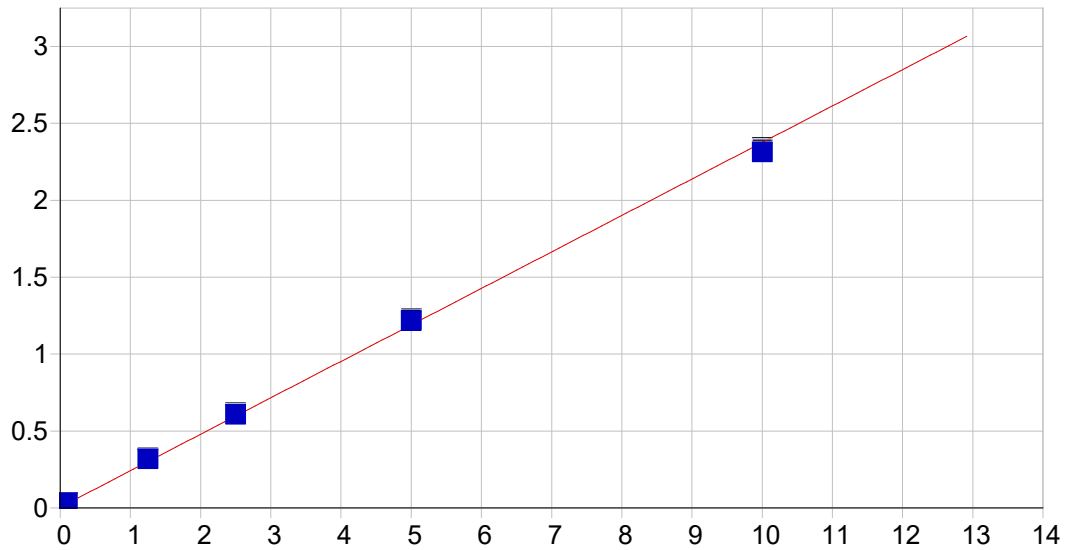


S 182.034 {485}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000544 Re-Slope: 1.000000
 A1 (Gain): 0.049402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.990885 Status: OK.
 Std Error of Est: 0.000358
 Predicted MDL: 0.003686
 Predicted MQL: 0.012286

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00054	.000	1
S1	.10000	.10034	.000	.342	.00550	.000	1
S2	1.2500	1.1104	-.140	-11.2	.05553	.000	1
S3	2.5000	2.3320	-.168	-6.72	.11601	.000	1
S4	5.0000	6.1297	1.13	22.6	.30389	.000	1
S5	10.000	9.1775	-.822	-8.22	.45497	.001	1

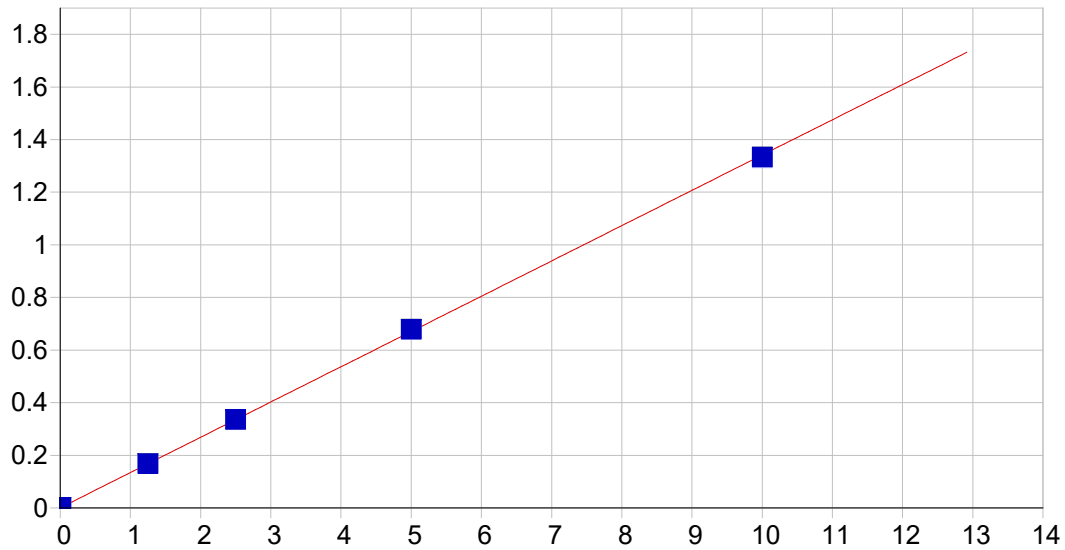


Si 251.611 {134}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004409 Re-Slope: 1.000000
 A1 (Gain): 0.237124 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999514 Status: OK.
 Std Error of Est: 0.000397
 Predicted MDL: 0.001352
 Predicted MQL: 0.004507

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00440	.000	1
S1	.10000	.11948	.019	19.5	.03282	.000	1
S2	1.2500	1.3267	.077	6.14	.32163	.003	1
S3	2.5000	2.5469	.047	1.88	.61359	.004	1
S4	5.0000	5.1147	.115	2.29	1.2277	.003	1
S5	10.000	9.7423	-.258	-2.58	2.3355	.007	1

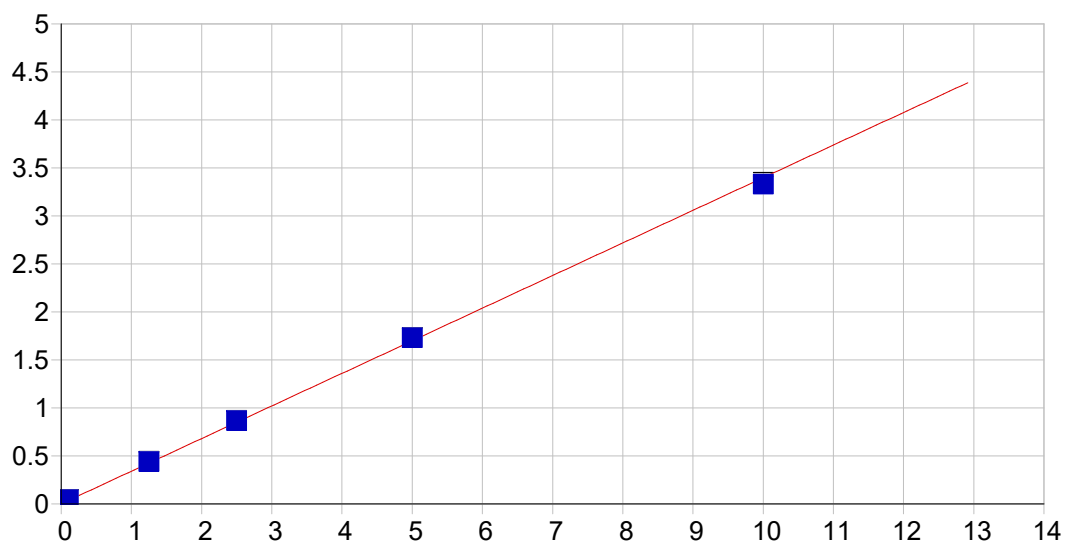


Sn 189.989 {478}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000237	Re-Slope:	1.000000
A1 (Gain):	0.134087	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.001304		
Predicted MQL:	0.004345		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.00700	.00739	.000	5.58	.00120	.000	1
S2	1.2500	1.2540	.004	.321	.16804	.000	1
S3	2.5000	2.4979	-.002	-.084	.33448	.000	1
S4	5.0000	5.0591	.059	1.18	.67721	.000	1
S5	10.000	9.9386	-.061	-.614	1.3301	.000	1

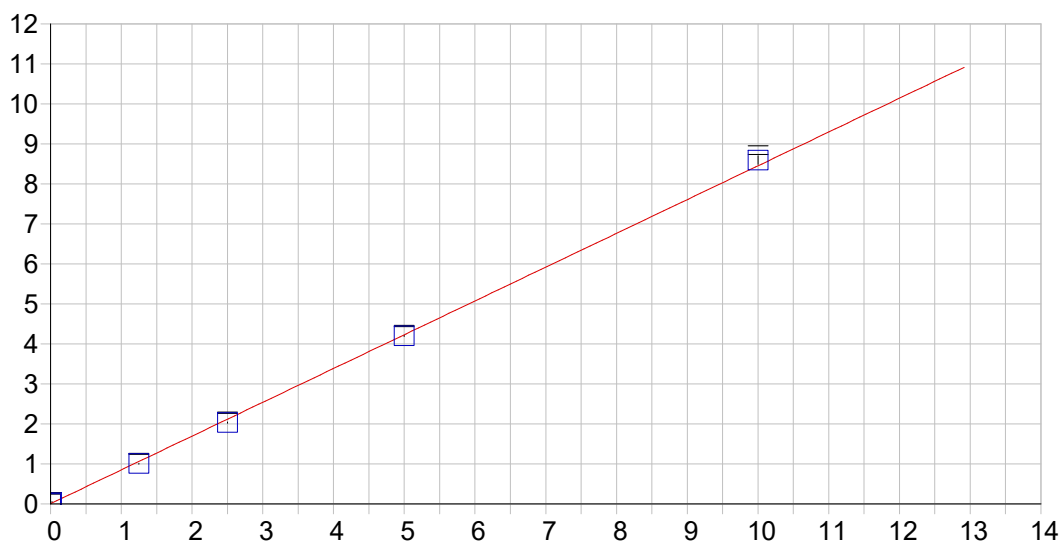


Ti 336.121 {100}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001139	Re-Slope:	1.000000
A1 (Gain):	0.339672	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999659	Status:	OK.
Std Error of Est:	0.000471		
Predicted MDL:	0.001390		
Predicted MQL:	0.004633		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00113	.000	1
S1	.10000	.12258	.023	22.6	.04277	.000	1
S2	1.2500	1.2921	.042	3.36	.43987	.002	1
S3	2.5000	2.5445	.044	1.78	.86513	.004	1
S4	5.0000	5.0895	.090	1.79	1.7293	.005	1
S5	10.000	9.8014	-.199	-1.99	3.3292	.019	1

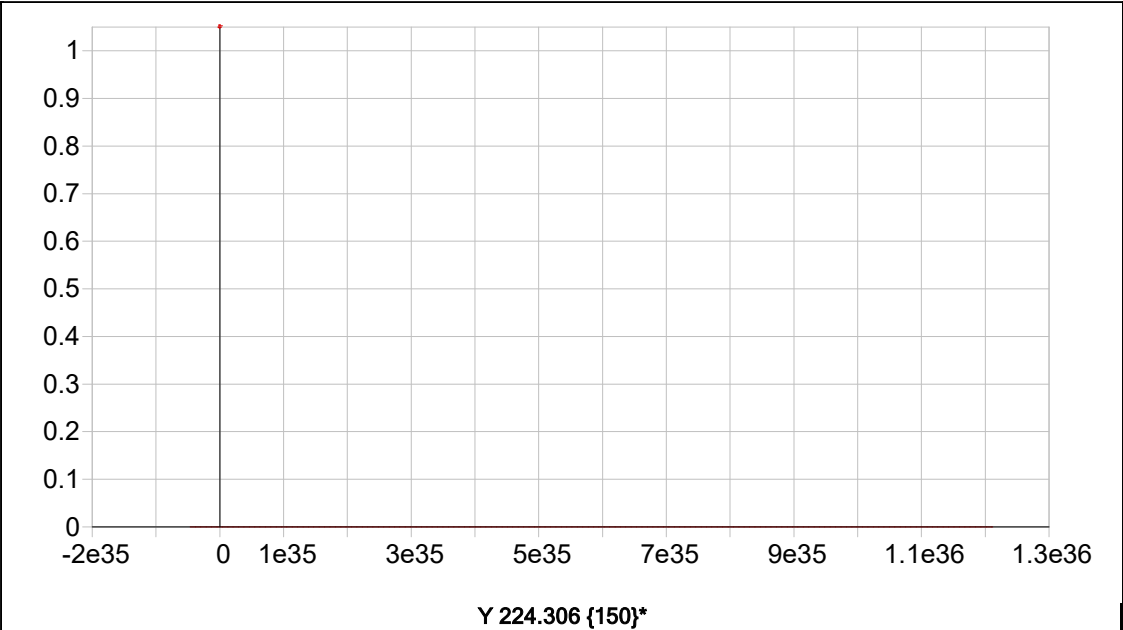


Li 670.784 { 50}

Date of Fit: 05/28/2019 12:46:55 Type of Fit: Linear Weighting: 1/Conc

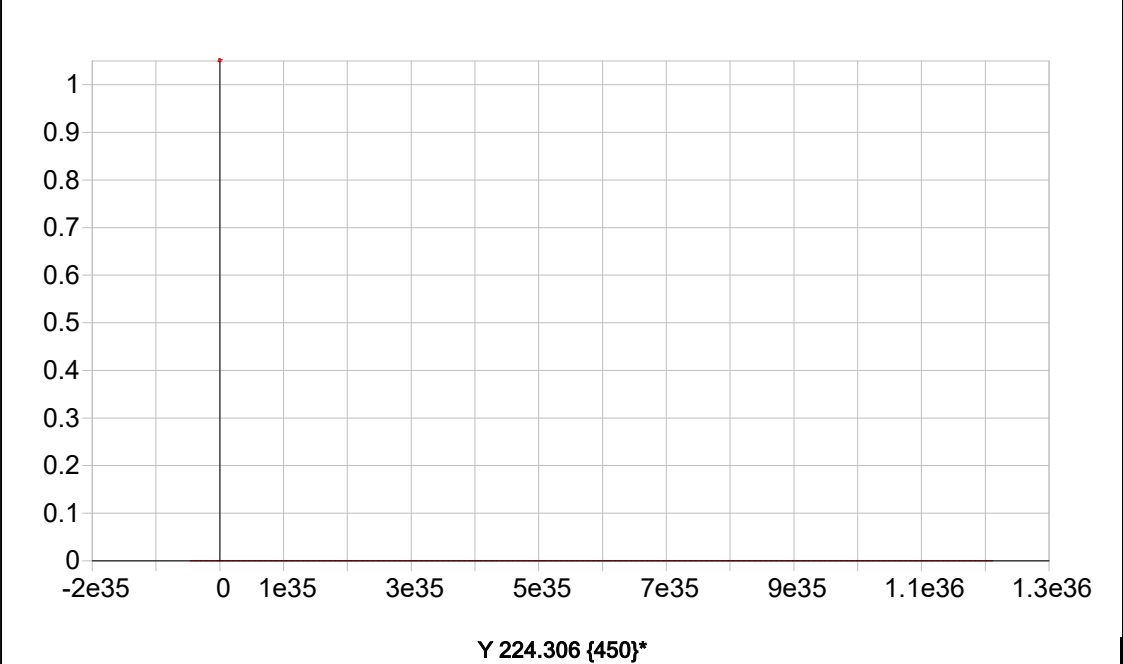
A0 (Offset): 0.005565 Re-Slope: 1.000000
 A1 (Gain): 0.844748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997260 Status: OK.
 Std Error of Est: 0.001287
 Predicted MDL: 0.001870
 Predicted MQL: 0.006232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00553	.003	1
S5	10.000	10.167	.167	1.67	8.5939	.109	1
S4	5.0000	4.9661	-.034	-.678	4.2007	.018	1
S3	2.5000	2.3961	-.104	-4.16	2.0296	.016	1
S2	1.2500	1.1839	-.066	-5.29	1.0057	.010	1
S1	.01500	.05222	.037	248.	.04967	.001	1

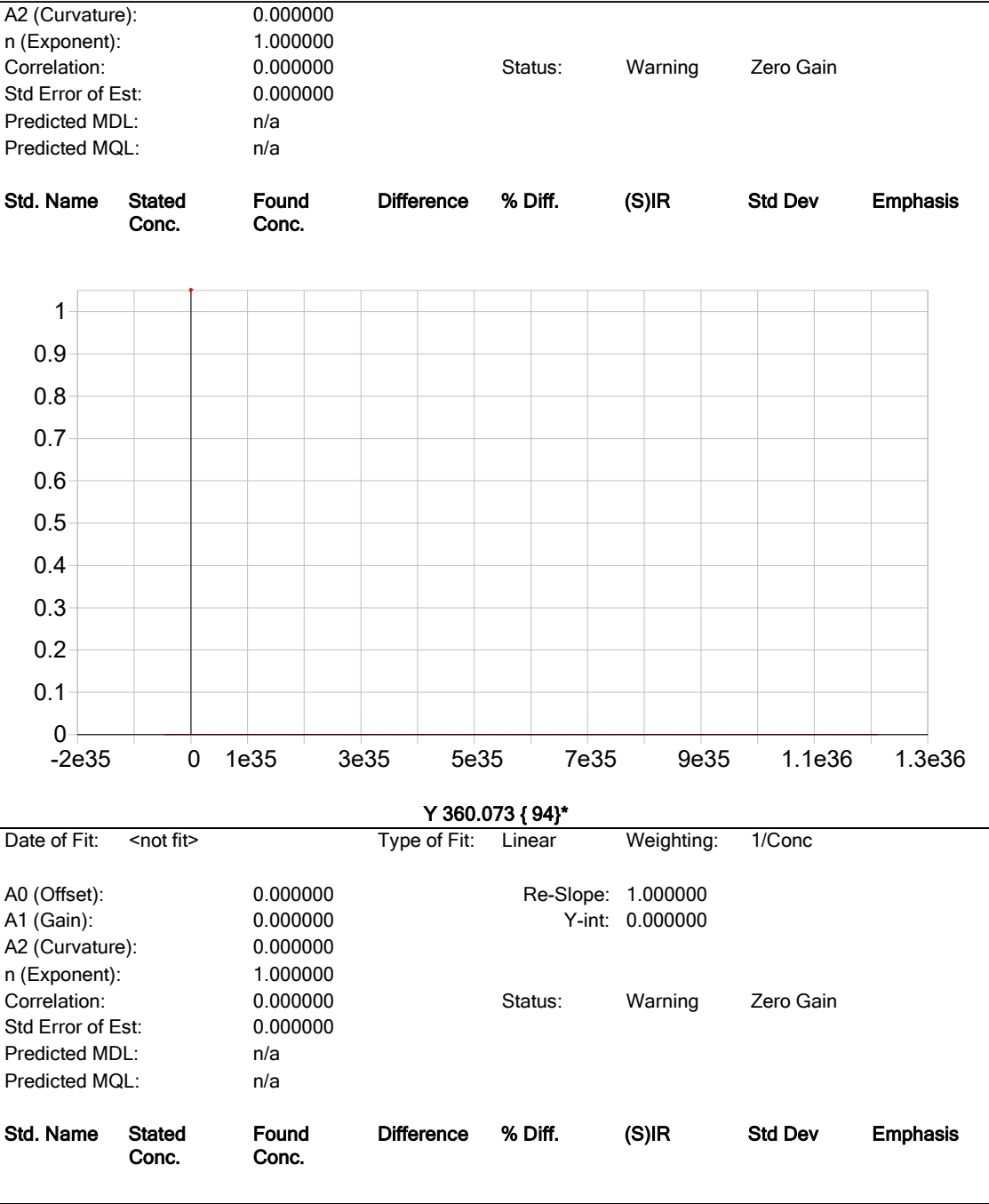


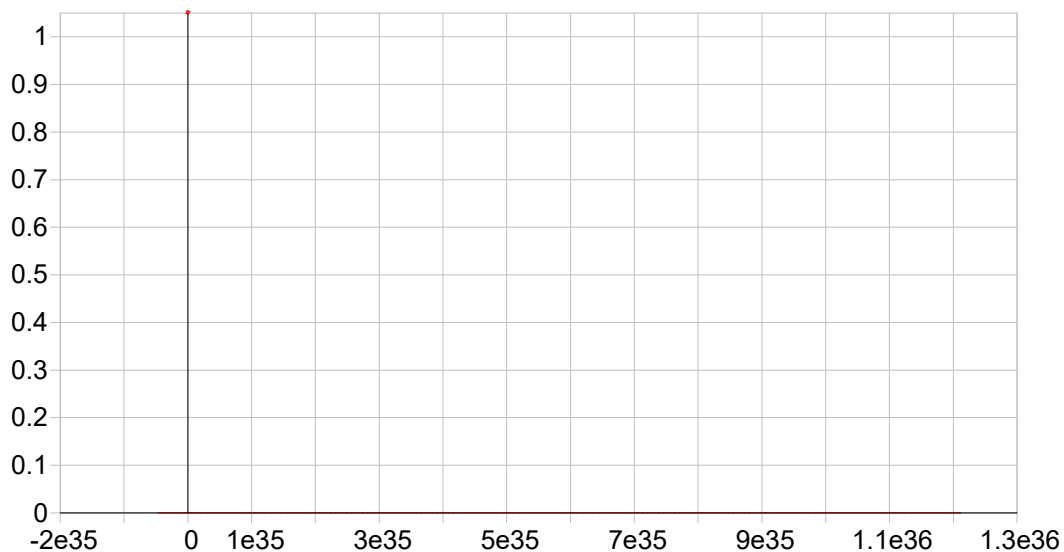
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

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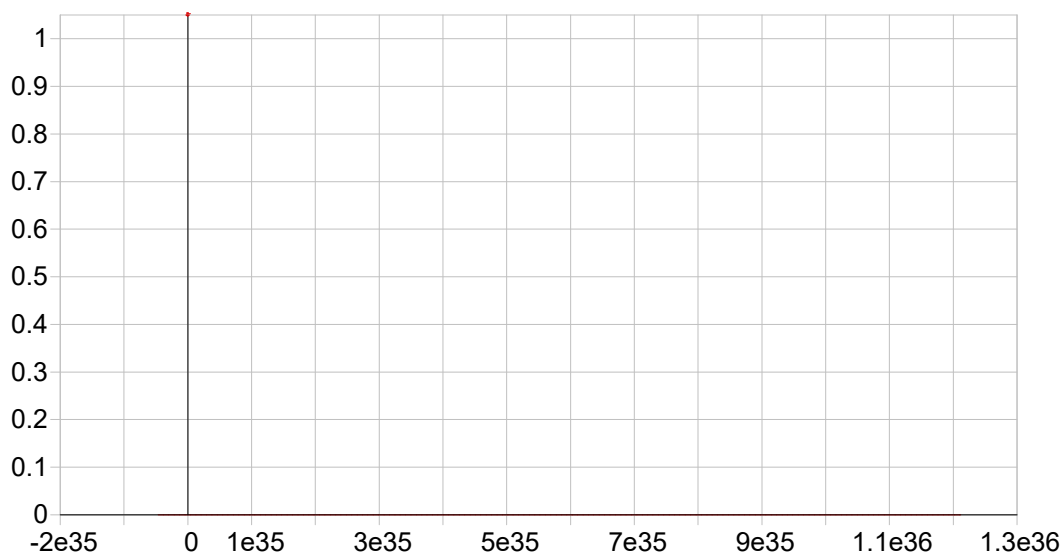


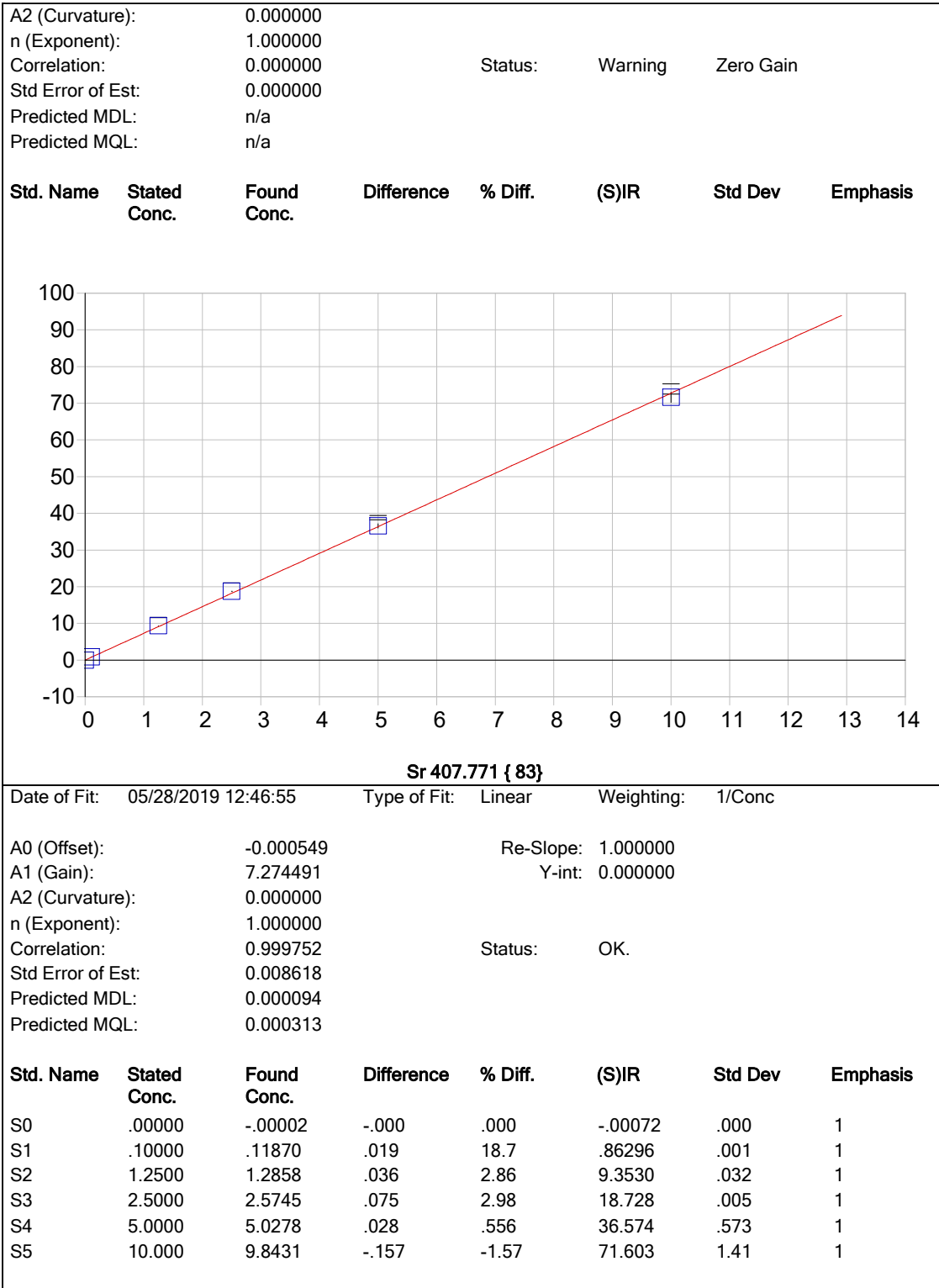
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		





Y 371.030 { 91}*





Sample Name: S0 Acquired: 05/28/2019 11:51:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: 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	-.00106	-.00139	-.00094	.00091	.00237	.00392	.01099	-.00210
Stddev	.00017	.00009	.00037	.00027	.00030	.00042	.00174	.00026
%RSD	16.082	6.4420	38.941	29.472	12.511	10.681	15.807	12.326
#1	-.00096	-.00147	-.00136	.00070	.00237	.00365	.01269	-.00194
#2	-.00095	-.00129	-.00067	.00122	.00207	.00372	.00922	-.00197
#3	-.00125	-.00140	-.00080	.00082	.00266	.00441	.01106	-.00240
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	.00159	.00160	.00001	-.00007	.00152	.00023	.00030	.00002
Stddev	.00007	.00021	.00002	.00029	.00014	.00031	.00018	.00025
%RSD	4.6689	13.209	260.47	401.28	9.1344	133.56	62.279	1195.8
#1	.00151	.00176	-.00001	.00015	.00168	.00053	.00015	.00004
#2	.00162	.00169	.00001	.00004	.00146	.00024	.00050	.00026
#3	.00165	.00136	.00002	-.00040	.00142	-.00008	.00024	-.00024
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	-.00391	-.00099	.00016	.00018	.00007	.02047	-.00117	.00148
Stddev	.00058	.00009	.00068	.00003	.00003	.00083	.00002	.00043
%RSD	14.909	9.2339	427.75	17.471	50.628	4.0338	1.7431	28.739
#1	-.00364	-.00108	-.00004	.00019	.00003	.02099	-.00116	.00155
#2	-.00458	-.00101	.00092	.00021	.00009	.01952	-.00116	.00102
#3	-.00351	-.00090	-.00040	.00015	.00007	.02092	-.00120	.00187
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	.00080	.00054	.00440	.00024	.00113	.00553	-.00072	
Stddev	.00029	.00022	.00026	.00020	.00032	.00255	.00047	
%RSD	36.288	39.693	5.8190	84.968	28.164	46.019	65.342	
#1	.00112	.00074	.00429	.00012	.00145	.00815	-.00088	
#2	.00054	.00031	.00422	.00047	.00082	.00540	-.00019	
#3	.00075	.00058	.00470	.00012	.00112	.00306	-.00109	

Sample Name: S0 Acquired: 05/28/2019 11:51:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: 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	1745.9	1722.5	38366.	9200.9	2711.7
Stddev	4.6	2.3	119.	65.2	4.3
%RSD	.26461	.13098	.31145	.70879	.16031
#1	1745.8	1720.0	38489.	9176.7	2707.4
#2	1741.4	1723.0	38250.	9274.7	2716.1
#3	1750.6	1724.4	38361.	9151.2	2711.5

Sample Name: S1 Acquired: 05/28/2019 11:55:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: 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	-.00009	.00094	.00191	.00612	.02217	.02525	.69719	.02640
Stddev	.00017	.00014	.00017	.00017	.00047	.00055	.00169	.00037
%RSD	183.02	14.753	9.0150	2.8176	2.1080	2.1618	.24250	1.4151

#1	.00007	.00110	.00181	.00596	.02269	.02513	.69908	.02627
#2	-.00027	.00086	.00181	.00630	.02178	.02478	.69582	.02612
#3	-.00007	.00086	.00211	.00610	.02203	.02585	.69667	.02683

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	.02104	.26178	.00255	.04433	.00795	.00479	.01209	.07245
Stddev	.00008	.00124	.00001	.00015	.00023	.00010	.00030	.00065
%RSD	.36483	.47235	.27982	.34284	2.8575	2.1821	2.4424	.89516

#1	.02113	.26123	.00255	.04427	.00821	.00488	.01175	.07254
#2	.02101	.26091	.00254	.04422	.00778	.00480	.01227	.07176
#3	.02099	.26319	.00254	.04450	.00785	.00468	.01226	.07305

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	.03272	.00188	.02909	.00841	.02234	.13894	-.00035	.00446
Stddev	.00006	.00007	.00215	.00029	.00025	.00155	.00016	.00021
%RSD	.17458	3.6107	7.3865	3.4648	1.1344	1.1124	47.405	4.7335

#1	.03266	.00194	.03011	.00864	.02205	.14054	-.00027	.00466
#2	.03276	.00191	.02662	.00851	.02253	.13746	-.00054	.00424
#3	.03275	.00181	.03054	.00808	.02243	.13881	-.00024	.00446

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	.01345	.00550	.03282	.00120	.04277	.04967	.86296	
Stddev	.00037	.00015	.00021	.00011	.00044	.00081	.00148	
%RSD	2.7206	2.7119	.62876	8.8093	1.0177	1.6335	.17188	

#1	.01387	.00557	.03300	.00126	.04237	.04874	.86465	
#2	.01317	.00560	.03260	.00126	.04270	.05015	.86238	
#3	.01331	.00533	.03287	.00108	.04323	.05014	.86186	

Sample Name: S1 Acquired: 05/28/2019 11:55:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: 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	1744.1	1716.3	38156.	9078.9	2747.9
Stddev	5.1	2.2	191.	72.4	2.3
%RSD	.29470	.12686	.50087	.79792	.08374
#1	1738.7	1714.5	38010.	9072.0	2747.6
#2	1749.0	1718.7	38372.	9154.6	2750.3
#3	1744.7	1715.5	38086.	9010.2	2745.7

Sample Name: S3 Acquired: 05/28/2019 12:03:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: 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	.21507	.21915	2.3937	.32065	.74222	7.1354	14.976	1.2432
Stddev	.00098	.00035	.0033	.00126	.00046	.0236	.017	.0077
%RSD	.45604	.15980	.13660	.39297	.06219	.33004	.11486	.61836

#1	.21457	.21921	2.3932	.31949	.74236	7.1136	14.970	1.2400
#2	.21620	.21948	2.3908	.32046	.74170	7.1322	14.963	1.2376
#3	.21445	.21878	2.3972	.32199	.74259	7.1604	14.995	1.2520

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	4.1481	5.3697	1.4991	.96597	1.5128	2.7190	4.7209	1.5261
Stddev	.0040	.0357	.0014	.00047	.0028	.0108	.0413	.0082
%RSD	.09560	.66538	.09678	.04824	.18472	.39563	.87403	.53673

#1	4.1450	5.3375	1.5005	.96548	1.5096	2.7070	4.6965	1.5177
#2	4.1468	5.3635	1.4992	.96603	1.5150	2.7224	4.6975	1.5267
#3	4.1526	5.4081	1.4976	.96641	1.5137	2.7276	4.7685	1.5340

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	.94054	.15250	.37446	.16341	2.4352	1.6030	.15773	.62894
Stddev	.00146	.00052	.00238	.00060	.0223	.0068	.00053	.00553
%RSD	.15518	.34166	.63435	.36842	.91567	.42447	.33676	.87847

#1	.94099	.15195	.37183	.16274	2.4120	1.5993	.15732	.62475
#2	.93892	.15254	.37510	.16356	2.4565	1.5988	.15754	.62686
#3	.94173	.15299	.37645	.16391	2.4371	1.6108	.15833	.63520

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	2.6067	.11601	.61359	.33448	.86513	2.0296	18.728
Stddev	.0039	.00047	.00379	.00029	.00357	.0158	.005
%RSD	.14894	.40943	.61785	.08680	.41243	.78056	.02450

#1	2.6028	.11554	.61121	.33437	.86125	2.0140	18.723
#2	2.6067	.11598	.61160	.33481	.86585	2.0292	18.730
#3	2.6106	.11649	.61796	.33425	.86828	2.0457	18.731

Sample Name: S3 Acquired: 05/28/2019 12:03:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: 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	1670.9	1613.0	37974.	9124.4	2649.4
Stddev	13.2	.8	78.	70.8	1.5
%RSD	.79078	.04998	.20552	.77627	.05525
#1	1686.1	1613.5	38038.	9170.9	2648.5
#2	1664.5	1613.4	37996.	9159.4	2651.1
#3	1662.1	1612.1	37887.	9042.9	2648.6

Sample Name: S4 Acquired: 05/28/2019 12:07:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: 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	.43568	.43615	4.8132	.63707	1.5133	14.375	29.698	2.4141
Stddev	.00191	.00207	.0030	.00100	.0045	.044	.056	.0062
%RSD	.43730	.47573	.06247	.15718	.29403	.30619	.18751	.25627

#1	.43660	.43685	4.8167	.63630	1.5107	14.328	29.653	2.4076
#2	.43695	.43778	4.8119	.63821	1.5185	14.382	29.680	2.4199
#3	.43349	.43381	4.8111	.63671	1.5108	14.416	29.760	2.4148

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	8.0798	10.688	2.9182	1.9242	2.9935	5.3249	9.3149	3.0883
Stddev	.0093	.032	.0045	.0022	.0090	.0138	.0374	.0064
%RSD	.11488	.30062	.15523	.11345	.30066	.26014	.40183	.20775

#1	8.0899	10.651	2.9218	1.9265	2.9851	5.3092	9.2725	3.0812
#2	8.0715	10.707	2.9197	1.9237	2.9924	5.3301	9.3288	3.0898
#3	8.0782	10.706	2.9131	1.9222	3.0030	5.3353	9.3434	3.0938

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	1.8715	.31191	.74540	.32281	4.9700	3.2592	.41790	1.2716
Stddev	.0018	.00046	.00344	.00182	.0094	.0054	.00116	.0028
%RSD	.09402	.14870	.46111	.56471	.18903	.16576	.27718	.21696

#1	1.8736	.31215	.74207	.32115	4.9769	3.2535	.41797	1.2691
#2	1.8705	.31138	.74894	.32252	4.9593	3.2599	.41902	1.2746
#3	1.8705	.31220	.74519	.32476	4.9738	3.2643	.41670	1.2712

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.3902	.30389	1.2277	.67721	1.7293	4.2007	36.574
Stddev	.0141	.00049	.0026	.00010	.0048	.0181	.573
%RSD	.26091	.16083	.20952	.01446	.27858	.43114	1.5671

#1	5.3856	.30366	1.2248	.67726	1.7243	4.1802	36.152
#2	5.4060	.30355	1.2292	.67727	1.7297	4.2146	36.344
#3	5.3790	.30445	1.2292	.67710	1.7339	4.2072	37.227

Sample Name: S4 Acquired: 05/28/2019 12:07:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: 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	1578.4	1518.7	36942.	8981.8	2539.8
Stddev	3.8	2.6	125.	4.4	4.5
%RSD	.24387	.16820	.33732	.04901	.17727
#1	1574.3	1518.6	36852.	8986.4	2534.7
#2	1579.0	1516.2	37084.	8977.6	2541.4
#3	1582.0	1521.3	36889.	8981.4	2543.3

Sample Name: S5 Acquired: 05/28/2019 12:11:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: 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	.86931	.82866	9.5330	1.2205	3.1078	28.872	57.690	4.6963
Stddev	.00328	.00137	.0047	.0023	.0071	.146	1.108	.0174
%RSD	.37732	.16507	.04902	.19044	.22936	.50411	1.9212	.36943

#1	.87310	.83018	9.5302	1.2232	3.1136	29.008	58.750	4.7117
#2	.86748	.82826	9.5303	1.2191	3.1100	28.890	57.782	4.6997
#3	.86736	.82754	9.5383	1.2193	3.0998	28.719	56.539	4.6775

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	15.434	21.082	5.6234	3.8295	5.8851	10.389	18.244	6.1832
Stddev	.024	.215	.0191	.0037	.0233	.063	.233	.0451
%RSD	.15644	1.0214	.34028	.09622	.39538	.60592	1.2747	.72947

#1	15.418	21.269	5.6127	3.8337	5.8923	10.451	18.429	6.2261
#2	15.422	21.130	5.6120	3.8270	5.9039	10.392	18.321	6.1874
#3	15.462	20.846	5.6455	3.8277	5.8591	10.325	17.983	6.1361

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6925	.63222	1.4950	.63003	10.056	6.6144	.61476	2.4901
Stddev	.0035	.00236	.0097	.00442	.014	.0291	.00232	.0044
%RSD	.09559	.37375	.64739	.70108	.14359	.43955	.37670	.17648

#1	3.6964	.63225	1.5053	.63486	10.072	6.6217	.61702	2.4940
#2	3.6915	.62984	1.4934	.62905	10.044	6.6392	.61239	2.4911
#3	3.6895	.63457	1.4862	.62620	10.052	6.5824	.61487	2.4854

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.092	.45497	2.3355	1.3301	3.3292	8.5939	71.603
Stddev	.024	.00132	.0072	.0004	.0189	.1095	1.411
%RSD	.21509	.28998	.30730	.02880	.56696	1.2738	1.9700

#1	11.114	.45387	2.3416	1.3302	3.3493	8.6993	72.073
#2	11.096	.45461	2.3373	1.3297	3.3266	8.6015	72.719
#3	11.067	.45643	2.3276	1.3304	3.3118	8.4808	70.018

Sample Name: S5 Acquired: 05/28/2019 12:11:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: 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	1479.3	1379.6	36285.	8770.0	2391.1
Stddev	7.3	5.7	81.	76.2	4.7
%RSD	.49550	.41375	.22445	.86858	.19566
#1	1474.1	1374.9	36211.	8717.8	2386.8
#2	1476.2	1378.1	36271.	8734.8	2390.4
#3	1487.7	1386.0	36372.	8857.4	2396.1

Sample Name: ICV Acquired: 05/28/2019 12:20:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) 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	.9730305	1.044384	1.021904	1.005155	.9869675	2.439302
Stddev	.0011669	.006720	.003343	.005143	.0032232	.010442
%RSD	.1199187	.6434816	.3270989	.5116279	.3265720	.4280845

#1	.9739539	1.043240	1.020865	.999218	.9840655	2.449378
#2	.9734186	1.038309	1.025642	1.008189	.9864005	2.439998
#3	.9717191	1.051603	1.019203	1.008059	.9904366	2.428529

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5252291	.5241333	F .5479320	10.89698	F .5525040	.5286602
Stddev	.0005422	.0023507	.0016105	.05409	.0016947	.0014187
%RSD	.1032279	.4484985	.2939135	.4963630	.3067337	.2683586

#1	.5256634	.5221182	.5461127	10.83820	.5544435	.5270545
#2	.5246215	.5267158	.5485082	10.94465	.5517597	.5297442
#3	.5254025	.5235658	.5491751	10.90810	.5513088	.5291818

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4992428	4.853517	.5381799	6.300652	.5436106	.5037186
Stddev	.0027627	.002156	.0017365	.054535	.0015082	.0024234
%RSD	.5533724	.0444278	.3226531	.8655463	.2774415	.4811054

#1	.4967052	4.853256	.5363330	6.253208	.5421488	.5031383
#2	.5021858	4.851503	.5397793	6.360233	.5435217	.5016381
#3	.4988373	4.855792	.5384272	6.288515	.5451613	.5063796

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20951	.5419590	1.007114	9.851393	F -.000244	F .0082310
Stddev	.17694	.0034816	.002811	.037614	.001374	.0014829
%RSD	1.733055	.6424179	.2791456	.3818126	562.3050	18.01577

#1	10.40822	.5396067	1.009030	9.809917	-.001509	.0073816
#2	10.15126	.5459586	1.003887	9.860965	.001217	.0099432
#3	10.06903	.5403118	1.008426	9.883295	-.000440	.0073681

Sample Name: ICV Acquired: 05/28/2019 12:20:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) 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 .0003218	F .0049193	F .0022524	F .0001680	F .0009230	F .0057248
Stddev	.0001175	.0016430	.0008396	.0003682	.0010808	.0013375
%RSD	36.52588	33.39809	37.27719	219.2008	117.0936	23.36338
#1	.0004572	.0061955	.0021082	.0003391	.0017754	.0071979
#2	.0002627	.0030656	.0014942	-.000255	-.000293	.0053901
#3	.0002455	.0054967	.0031548	.000419	.001286	.0045864

Elem	Sr4077
Units	ppm
Avg	F .0121046
Stddev	.0000211
%RSD	.1742694
#1	.0121230
#2	.0120816
#3	.0121093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.557	1740.615	38700.09	9098.190	2800.319
Stddev	6.990	4.607	221.87	19.564	10.870
%RSD	.3968130	.2646613	.5733001	.2150350	.3881872
#1	1753.514	1736.020	38584.65	9117.686	2791.893
#2	1766.165	1740.591	38955.88	9098.324	2796.474
#3	1764.991	1745.233	38559.74	9078.559	2812.589

Sample Name: S6 Acquired: 05/28/2019 12:15:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76.469	34.424	28.088	10.141	4.1719
Stddev	.457	.185	.039	.028	.0110
%RSD	.59766	.53836	.13812	.27370	.26469

#1	76.106	34.478	28.117	10.171	4.1834
#2	76.319	34.575	28.044	10.116	4.1614
#3	76.982	34.217	28.103	10.137	4.1710

Int. Std.	Y_3710
Units	Cts/S
Avg	8540.4
Stddev	29.8
%RSD	.34887

#1	8507.6
#2	8565.7
#3	8548.0

Sample Name: ICB Acquired: 05/28/2019 12:24:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) 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	.0046303	.0008063	.0014237	.0012232	-.000110	-.003807	-.000241
Stddev	.0017351	.0012635	.0006322	.0009491	.000973	.007740	.001128
%RSD	37.47252	156.7084	44.40590	77.59006	888.8043	203.3192	468.0238

#1	.0032524	-.000045	.0011397	.0020661	.000042	-.010793	-.000258
#2	.0065788	.000206	.0021481	.0014081	.000779	.004513	.000896
#3	.0040596	.002258	.0009833	.0001952	-.001150	-.005139	-.001361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000000	-.000049	-.003264	.0001800	-.000507	.0000340	.0004578
Stddev	.000052	.000105	.011900	.0002339	.000524	.0027730	.0074932
%RSD	24932.16	213.2998	364.6009	129.9789	103.4460	8162.546	1636.611

#1	-.000035	-.000117	.010043	.0004062	.000032	-.002642	.0041462
#2	-.000025	-.000103	-.006949	.0001947	-.001015	.002895	.0053919
#3	.000059	.000072	-.012885	-.000061	-.000537	-.000151	-.008165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000895	.0148601	.0000509	.0003472	-.218577	.0002522	.0009930
Stddev	.0000699	.0150129	.0005493	.0002275	.161942	.0014894	.0009753
%RSD	78.05321	101.0281	1080.118	65.50544	74.08903	590.5311	98.21856

#1	.0000285	.0021471	.0004586	.0003031	-.291797	.0005644	.0006229
#2	.0000744	.0110102	-.000574	.0001451	-.032956	-.001368	.0020991
#3	.0001658	.0314230	.000268	.0005935	-.330979	.001561	.0002569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1272448	.0003380	.0054603	.0003568	.0020124	-.002110	.0002681
Stddev	.0241395	.0020851	.0010283	.0006367	.0027449	.000617	.0004587
%RSD	18.97091	616.9037	18.83131	178.4482	136.3972	29.24830	171.0898

#1	.1287443	.0011794	.0053996	-.000301	.0048565	-.001565	-.000189
#2	.1505997	.0018709	.0044638	.000402	-.000621	-.002780	.000728
#3	.1023906	-.002036	.0065176	.000970	.001802	-.001986	.000265

Sample Name: ICB Acquired: 05/28/2019 12:24:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) 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	.0015293	.0033339	.0001205
Stddev	.0014129	.0011738	.0000709
%RSD	92.38723	35.20865	58.80964

#1	.0019512	.0026651	.0000539
#2	-.000046	.0026473	.0001949
#3	.002683	.0046893	.0001126

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.823	1716.272	38513.65	9120.271	2706.206
Stddev	8.457	.612	130.64	23.858	6.258
%RSD	.4822311	.0356368	.3392135	.2615974	.2312558

#1	1744.120	1716.525	38398.84	9143.689	2703.843
#2	1757.719	1716.718	38655.80	9095.995	2701.473
#3	1759.631	1715.575	38486.30	9121.130	2713.302

Sample Name: ICSAB Acquired: 05/28/2019 12:32:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) 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	.1072013	.1188225	.0547728	.0428118	.6384843	236.4603
Stddev	.0003327	.0036281	.0030434	.0025448	.0020551	.7449
%RSD	.3103105	3.053365	5.556450	5.944048	.3218715	.3150259

#1	.1070462	.1168489	.0522895	.0412791	.6363084	236.0514
#2	.1075832	.1230095	.0581679	.0457493	.6387520	236.0093
#3	.1069746	.1166089	.0538610	.0414070	.6403924	237.3201

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5557832	.5519102	1.089795	255.4618	.6184089	.5470388
Stddev	.0017324	.0026164	.001156	1.8256	.0020276	.0004034
%RSD	.3116979	.4740617	.1060943	.7146249	.3278730	.0737454

#1	.5538641	.5537946	1.090110	255.4128	.6161907	.5469015
#2	.5562541	.5489229	1.090762	253.6612	.6188694	.5474929
#3	.5572315	.5530129	1.088514	257.3114	.6201667	.5467219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5130331	101.5371	.5773226	259.0481	1.102629	.2134070
Stddev	.0045970	.3646	.0065220	.8835	.000834	.0008368
%RSD	.8960513	.3590793	1.129706	.3410539	.0756645	.3921272

#1	.5103757	101.5247	.5787199	258.9143	1.103365	.2125760
#2	.5103822	101.1788	.5702151	258.2391	1.102799	.2142496
#3	.5183413	101.9077	.5830327	259.9908	1.101723	.2133953

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.390243	.5551953	1.070072	-.079539	F .0085548	-.013768
Stddev	.421046	.0044619	.007124	.072473	.0014089	.001745
%RSD	107.8934	.8036680	.6657940	91.11710	16.46875	12.67338

#1	-.871855	.5521709	1.061952	-.026571	.0090772	-.011812
#2	-.207032	.5530952	1.075278	-.049914	.0096279	-.015165
#3	-.091841	.5603198	1.072985	-.162132	.0069594	-.014326

Sample Name: ICSAB Acquired: 05/28/2019 12:32:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) 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	.0009810	F .0068798	F -.002467	-.004264	F -.004381	W .0012130
Stddev	.0004213	.0025925	.001359	.001497	.001425	.0010139
%RSD	42.94762	37.68249	55.08071	35.10156	32.52014	83.58426

#1	.0007513	.0098733	-.003879	-.004721	-.003355	.0023789
#2	.0007245	.0053660	-.001168	-.002592	-.006008	.0005378
#3	.0014673	.0054002	-.002355	-.005478	-.003781	.0007224

Elem	Sr4077
Units	ppm
Avg	F .1011167
Stddev	.0002878
%RSD	.2845827

#1	.1008701
#2	.1010471
#3	.1014328

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.899	1640.307	37429.73	8947.577	2624.498
Stddev	2.860	3.176	89.71	48.095	4.283
%RSD	.1705563	.1935980	.2396657	.5375231	.1632104

#1	1679.806	1636.854	37532.10	8927.181	2620.101
#2	1674.089	1643.101	37392.26	9002.509	2624.737
#3	1676.803	1640.967	37364.84	8913.040	2628.658

Sample Name: ICSA Acquired: 05/28/2019 12:28:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) 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	.0064582	.0021365	.0011953	-.007506	.0036295	242.4811
Stddev	.0015087	.0052384	.0007245	.002792	.0014997	.6423
%RSD	23.36044	245.1810	60.60769	37.19255	41.31904	.2648853

#1	.0054364	.0050391	.0006623	-.004428	.0045846	243.0133
#2	.0057473	-.003911	.0020202	-.009875	.0019010	242.6624
#3	.0081910	.005281	.0009034	-.008216	.0044029	241.7677

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072461	.0009148	.0017396	261.6695	.0504118	.0013098
Stddev	.0002660	.0000875	.0002840	1.1356	.0002502	.0003652
%RSD	3.670783	9.567276	16.32509	.4339751	.4963524	27.88292

#1	.0073236	.0008661	.0014140	262.6570	.0506400	.0017315
#2	.0074648	.0010158	.0019359	261.9228	.0504511	.0011020
#3	.0069500	.0008624	.0018690	260.4287	.0501442	.0010959

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006132	103.9985	.0144964	265.9028	.0018005	-.008463
Stddev	.0018079	.3501	.0004504	1.0432	.0004590	.000213
%RSD	294.8502	.3366733	3.107244	.3923162	25.49263	2.514259

#1	-.000752	104.3105	.0144406	266.9742	.0013125	-.008272
#2	.002663	104.0652	.0140764	265.8437	.0018654	-.008692
#3	-.000072	103.6198	.0149721	264.8904	.0022235	-.008423

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.697404	.0028763	-.000025	-.009322	F .0077539	-.008394
Stddev	.038948	.0007987	.002054	.028935	.0015253	.002362
%RSD	5.584643	27.76842	8067.170	310.4104	19.67095	28.13579

#1	-.722693	.0036185	.002130	-.040718	.0066336	-.005977
#2	-.716965	.0020311	-.001960	.016273	.0071372	-.010697
#3	-.652553	.0029794	-.000246	-.003520	.0094910	-.008507

Sample Name: ICSA Acquired: 05/28/2019 12:28:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) 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	.0008659	F .0089295	F -.005095	-.002550	F -.002998	W .0029199
Stddev	.0004687	.0027794	.000937	.002410	.000277	.0019476
%RSD	54.13236	31.12641	18.39611	94.50220	9.228606	66.70273

#1	.0006294	.0060745	-.004837	-.005168	-.003243	.0009962
#2	.0014058	.0090874	-.004315	-.002057	-.003053	.0048906
#3	.0005625	.0116266	-.006135	-.000425	-.002698	.0028728

Elem	Sr4077
Units	ppm
Avg	F .1034073
Stddev	.0002433
%RSD	.2352559

#1	.1034647
#2	.1031405
#3	.1036167

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.905	1622.094	37279.02	8985.784	2592.869
Stddev	4.099	30.384	116.69	24.827	56.074
%RSD	.2442680	1.873110	.3130300	.2762865	2.162632

#1	1673.307	1642.556	37155.51	8968.776	2627.416
#2	1681.175	1587.182	37387.43	9014.273	2528.170
#3	1679.233	1636.543	37294.12	8974.302	2623.020

Sample Name: CCV043 Acquired: 05/28/2019 12:36:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.733689	4.908669	24.25579	4.619563	4.721364	426.9183	9.941445
Stddev	.016363	.012173	.02262	.011806	.006096	1.8157	.033334
%RSD	.3456679	.2479896	.0932464	.2555589	.1291138	.4252984	.3353066

#1	4.741299	4.896684	24.22975	4.606019	4.725274	429.0149	9.976366
#2	4.714907	4.908302	24.26709	4.627675	4.714340	425.8781	9.938007
#3	4.744861	4.921022	24.27053	4.624995	4.724478	425.8621	9.909963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4934763	2.430223	429.2822	15.02242	2.487319	14.96507	437.2518
Stddev	.0052485	.004220	3.9305	.03688	.001950	.06255	2.2469
%RSD	1.063569	.1736591	.9156036	.2455146	.0783779	.4179730	.5138621

#1	.4989349	2.425400	433.7261	15.06500	2.485678	15.02959	439.8460
#2	.4930271	2.433240	427.8589	15.00075	2.486806	14.96091	435.9871
#3	.4884669	2.432028	426.2617	15.00150	2.489474	14.90470	435.9224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.05741	422.2401	2.473206	1.244600	425.1292	2.472678	14.59874
Stddev	.16808	2.5984	.001824	.004458	2.2194	.017351	.10716
%RSD	1.116262	.6153765	.0737456	.3581962	.5220489	.7017189	.7340104

#1	15.24444	425.2314	2.474611	1.249333	427.4428	2.492712	14.48011
#2	15.00880	420.9459	2.473862	1.240480	424.9268	2.462846	14.62759
#3	14.91899	420.5430	2.471145	1.243986	423.0179	2.462475	14.68852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.4170	4.579510	5.264647	4.983550	4.534478	5.207242	5.194915
Stddev	.9761	.018903	.049063	.008942	.020457	.063507	.003151
%RSD	.6362676	.4127725	.9319424	.1794376	.4511357	1.219591	.0606602

#1	154.4461	4.576886	5.320300	4.980451	4.511866	5.276451	5.191748
#2	153.3009	4.562056	5.246000	4.976569	4.539871	5.193632	5.194945
#3	152.5042	4.599588	5.227640	4.993629	4.551699	5.151643	5.198051

Sample Name: CCV043 Acquired: 05/28/2019 12:36:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV043 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.212980	5.088182	4.935224
Stddev	.027269	.056925	.041203
%RSD	.5230936	1.118776	.8348785

#1	5.241986	5.152105	4.978476
#2	5.209087	5.069483	4.930764
#3	5.187867	5.042959	4.896433

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1550.124	1489.720	36222.37	8773.607	2425.101
Stddev	6.624	2.935	20.39	83.539	3.321
%RSD	.4273245	.1970241	.0562836	.9521607	.1369597

#1	1556.898	1491.558	36214.81	8695.909	2428.615
#2	1543.660	1491.266	36206.84	8762.949	2424.673
#3	1549.815	1486.335	36245.46	8861.964	2422.014

Sample Name: CCB043 Acquired: 05/28/2019 12:40:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034677	-.002352	.0015560	.0006125	-.001434	.0136092	.0001830
Stddev	.0021145	.001550	.0013823	.0005873	.000492	.0032781	.0006660
%RSD	60.97773	65.87815	88.84195	95.87471	34.32600	24.08713	363.9075

#1	.0021713	-.001314	.0023608	.0004529	-.000875	.0134535	-.000586
#2	.0023239	-.004133	.0023473	.0001216	-.001803	.0104118	.000562
#3	.0059077	-.001609	-.000040	.0012631	-.001624	.0169623	.000573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000804	-.000057	.0014692	.0002022	-.000332	-.000620	.0008023
Stddev	.0000442	.000118	.0050721	.0001515	.000417	.001502	.0019146
%RSD	55.01344	205.4444	345.2357	74.93583	125.5342	242.1557	238.6283

#1	.0001233	-.000131	-.001534	.0003594	-.000750	-.002352	.0019686
#2	.0000349	.000079	-.001384	.0000571	.000084	.000317	.0018457
#3	.0000831	-.000119	.007325	.0001901	-.000331	.000175	-.001407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002978	.0028158	.0002139	.0001037	-.212487	.0003876	-.000404
Stddev	.0001730	.0029411	.0005042	.0000733	.136622	.0015620	.002575
%RSD	58.09269	104.4503	235.7305	70.68073	64.29659	402.9975	637.4230

#1	.0003083	-.000578	.0000980	.0000901	-.089357	-.000913	.002482
#2	.0004653	.004615	.0007660	.0000382	-.359461	.002120	-.002465
#3	.0001198	.004410	-.000222	.0001829	-.188642	-.000044	-.001230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2312088	.0012271	.0085081	.0006042	-.003187	-.001574	.0000123
Stddev	.0236762	.0014242	.0006890	.0001658	.001579	.001352	.0002871
%RSD	10.24016	116.0644	8.098456	27.44974	49.54498	85.90239	2337.595

#1	.2416401	.0008387	.0087851	.0007955	-.004590	-.000549	-.000279
#2	.2041082	.0028052	.0090155	.0005162	-.003495	-.001066	.000020
#3	.2478782	.0000373	.0077237	.0005008	-.001477	-.003106	.000295

Sample Name: CCB043 Acquired: 05/28/2019 12:40:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB043 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010910	.0037906	.0001332
Stddev	.0005921	.0015163	.0000316
%RSD	54.26737	40.00220	23.70266

#1	.0007156	.0020718	.0001184
#2	.0017736	.0043609	.0001694
#3	.0007839	.0049391	.0001117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.909	1717.491	38303.88	9113.885	2693.334
Stddev	11.158	1.729	50.19	112.218	1.392
%RSD	.6379938	.1006533	.1310202	1.231290	.0516773

#1	1736.094	1717.277	38286.12	9235.041	2694.871
#2	1756.474	1719.316	38264.99	9093.106	2692.974
#3	1754.158	1715.879	38360.53	9013.509	2692.158

Sample Name: PB119974BL Acquired: 05/28/2019 12:48:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS974 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007301	-.001135	.0018483	.0037304	-.001217	.0039743	.0005022
Stddev	.0019373	.001758	.0007378	.0018983	.001976	.0056085	.0003708
%RSD	265.3405	154.8982	39.91916	50.88724	162.3072	141.1198	73.83600

#1	.0013303	-.000322	.0026781	.0033456	-.003497	.0048903	.0009290
#2	.0022962	.000069	.0016005	.0020540	-.000008	.0090683	.0003180
#3	-.001436	-.003152	.0012663	.0057917	-.000147	-.002036	.0002595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000001	-.000067	.0149683	.0001061	-.000152	.0019731	-.004807
Stddev	.0000201	.000150	.0029257	.0004362	.000151	.0023895	.003503
%RSD	21000.07	222.9365	19.54585	411.3546	99.25060	121.1034	72.87167

#1	.0000182	.000106	.0154180	.0000803	-.000237	.0012656	-.008845
#2	.0000038	-.000156	.0118438	-.000317	-.000242	.0046364	-.002596
#3	-.000022	-.000151	.0176431	.000555	.000022	.0000173	-.002979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001410	-.002651	.0005408	-.000141	-.117157	.0007294	.0000243
Stddev	.0001038	.022119	.0006046	.000385	.370804	.0018093	.0009358
%RSD	73.61560	834.3622	111.7887	273.8586	316.5004	248.0581	3848.308

#1	.0000246	.017546	.0012014	-.000571	-.501859	-.000623	.0008521
#2	.0002241	.000790	.0000152	.000169	.237978	.000026	.0002119
#3	.0001743	-.026289	.0004058	-.000019	-.087591	.002785	-.000991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731343	-.001042	.0005604	.0001164	.0008148	-.001344	-.000761
Stddev	.0276645	.001841	.0007682	.0003164	.0041503	.000873	.000503
%RSD	37.82695	176.5795	137.0858	271.8837	509.3930	64.93091	66.15659

#1	.0696037	-.002427	.0008483	-.000214	-.000985	-.002029	-.000197
#2	.0474046	-.001746	-.000310	.000146	-.002132	-.001641	-.000922
#3	.1023946	.001046	.001143	.000417	.005561	-.000362	-.001163

Sample Name: PB119974BL Acquired: 05/28/2019 12:48:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS974 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016419	-.000456	.0000454
Stddev	.0007919	.001029	.0000515
%RSD	48.23254	225.8883	113.4169

#1	.0021921	-.001626	.0000619
#2	.0019992	.000308	.0000867
#3	.0007342	-.000049	-.000012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.064	1704.284	37906.84	8997.650	2691.152
Stddev	4.033	1.819	52.06	49.094	4.957
%RSD	.2329511	.1067246	.1373388	.5456360	.1842145

#1	1732.460	1704.394	37966.36	9035.758	2685.879
#2	1726.519	1702.412	37884.36	9014.943	2695.717
#3	1734.213	1706.045	37869.80	8942.249	2691.861

Sample Name: K2934-08 Acquired: 05/28/2019 13:45:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004276	.0588086	9.078423	-.029868	.0509453	13.00315
Stddev	.003851	.0025627	.005195	.001963	.0006016	.05700
%RSD	.1921254	4.357678	.0572267	6.572743	1.180932	.4383853

#1	2.005032	.0613955	9.077964	-.031985	.0515528	13.06654
#2	2.000103	.0562708	9.073473	-.029508	.0509332	12.95611
#3	2.007693	.0587594	9.083833	-.028109	.0503497	12.98680

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1353869	-.000569	.0235580	4.254827	-.028172	.0656169
Stddev	.0002779	.000053	.0000395	.031804	.000356	.0002642
%RSD	.2052611	9.381385	.1678799	.7474922	1.262384	.4026355

#1	.1356851	-.000579	.0236000	4.291251	-.028533	.0653197
#2	.1351352	-.000617	.0235215	4.232552	-.027822	.0657060
#3	.1353403	-.000511	.0235525	4.240679	-.028160	.0658251

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6076991	142.1352	F 144.6961	.9733821	.0278110	.8738524
Stddev	.0040669	.6351	.8005	.0274368	.0003664	.0037562
%RSD	.6692330	.4468184	.5532323	2.818704	1.317525	.4298451

#1	.6123574	142.8673	145.5589	.9623575	.0279343	.8764763
#2	.6058842	141.7321	143.9775	1.004616	.0273988	.8695496
#3	.6048556	141.8063	144.5520	.953173	.0280999	.8755314

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.320243	.0496758	7.597084	18.35797	3.347878	.0097880
Stddev	.253359	.0128459	.069300	.06176	.011228	.0020697
%RSD	79.11475	25.85948	.9121947	.3364387	.3353645	21.14515

#1	-.606611	.0593937	7.673530	18.28914	3.360816	.0109289
#2	-.228883	.0545220	7.538379	18.37623	3.342118	.0073989
#3	-.125234	.0351117	7.579342	18.40855	3.340699	.0110362

Sample Name: K2934-08 Acquired: 05/28/2019 13:45:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA032 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2600390	18.94055	3.245788	.0031583	.1722493	-.001781
Stddev	.0009379	.08995	.010205	.0004160	.0006180	.001914
%RSD	.3606627	.4748839	.3143996	13.17268	.3587624	107.4809
#1	.2601533	18.83673	3.252973	.0027817	.1715456	-.000436
#2	.2609146	18.99505	3.250284	.0030884	.1727039	-.000934
#3	.2590493	18.98986	3.234107	.0036049	.1724982	-.003972

Elem	Sr4077
Units	ppm
Avg	1.409015
Stddev	.004097
%RSD	.2907628
#1	1.404816
#2	1.409230
#3	1.413001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.822	2478.662	54944.98	12999.25	2803.461
Stddev	13.034	4.987	326.41	50.01	3.665
%RSD	.5178668	.2011977	.5940749	.3847279	.1307377
#1	2507.199	2472.935	54633.02	13000.11	2802.218
#2	2531.655	2481.007	55284.15	13048.82	2807.586
#3	2511.613	2482.045	54917.76	12948.81	2800.580

Sample Name: PB119974BS Acquired: 05/28/2019 12:52:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS974 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160308	.0416574	.0212931	.0599389	.1021386	.3760338
Stddev	.0015569	.0010220	.0001416	.0019131	.0022818	.0042764
%RSD	9.711936	2.453272	.6651328	3.191744	2.233989	1.137229

#1	.0176929	.0424260	.0212261	.0596972	.1029269	.3749829
#2	.0157934	.0404976	.0211974	.0581581	.0995672	.3807376
#3	.0146064	.0420484	.0214558	.0619614	.1039217	.3723808

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3432058	.0093674	.0094753	8.550444	.0220786	.0910792
Stddev	.0010213	.0000128	.0000415	.047235	.0003117	.0007880
%RSD	.2975879	.1362224	.4379828	.5524279	1.411529	.8651249

#1	.3420285	.0093574	.0094275	8.519500	.0222789	.0919321
#2	.3438538	.0093629	.0095016	8.604813	.0222374	.0903784
#3	.3437352	.0093818	.0094968	8.527017	.0217196	.0909269

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418970	.1567353	.0338081	8.198530	.0771112	.0181072
Stddev	.0009383	.0047631	.0005686	.032539	.0001997	.0002731
%RSD	2.239445	3.038941	1.681790	.3968879	.2589518	1.508431

#1	.0429233	.1547573	.0336774	8.173730	.0773184	.0178843
#2	.0416845	.1532798	.0344307	8.235373	.0769200	.0180255
#3	.0410833	.1621687	.0333162	8.186485	.0770951	.0184119

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.907605	.0978257	.1154478	8.280845	.0227092	F .0171249
Stddev	.275629	.0019909	.0016847	.107516	.0020892	.0017026
%RSD	3.094312	2.035096	1.459252	1.298372	9.199697	9.942120

#1	8.625722	.0962395	.1137278	8.213052	.0223739	.0156021
#2	8.920571	.0971780	.1155209	8.404813	.0249457	.0168094
#3	9.176523	.1000598	.1170947	8.224670	.0208079	.0189631

Sample Name: PB119974BS Acquired: 05/28/2019 12:52:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS974 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181035	.1560020	.1831254	.0139821	F .0005688	F .0829630
Stddev	.0001009	.0040337	.0020329	.0005966	.0013132	.0010232
%RSD	.5570899	2.585691	1.110110	4.266591	230.8845	1.233337

#1	.0180740	.1603034	.1807812	.0139345	.0020838	.0830960
#2	.0180206	.1553986	.1841915	.0134107	-.000244	.0839132
#3	.0182158	.1523039	.1844035	.0146010	-.000134	.0818798

Elem	Sr4077
Units	ppm
Avg	.1828430
Stddev	.0005288
%RSD	.2892093

#1	.1826194
#2	.1834468
#3	.1824627

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.668	1749.995	39208.31	9198.870	2807.248
Stddev	8.946	1.828	131.37	55.582	1.402
%RSD	.5012576	.1044810	.3350541	.6042289	.0499397

#1	1787.472	1751.892	39123.43	9234.819	2806.279
#2	1791.875	1748.244	39359.63	9134.850	2808.855
#3	1774.656	1749.849	39141.87	9226.939	2806.609

Sample Name: PB120011BS Acquired: 05/28/2019 13:00:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS011 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176660	.0388355	.0195238	.0613554	.1001271	.3610214
Stddev	.0011271	.0005370	.0017706	.0042589	.0014507	.0046343
%RSD	6.380007	1.382831	9.068813	6.941350	1.448894	1.283652

#1	.0184608	.0391849	.0177667	.0587808	.1000313	.3661569
#2	.0163761	.0391044	.0194971	.0662713	.0987267	.3571514
#3	.0181611	.0382171	.0213076	.0590140	.1016234	.3597557

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3288385	.0090777	.0096022	8.501678	.0217822	.0894501
Stddev	.0009553	.0000792	.0000681	.064517	.0002084	.0003272
%RSD	.2905219	.8722336	.7090266	.7588684	.9565724	.3657326

#1	.3288280	.0091374	.0096364	8.552774	.0218307	.0895370
#2	.3297990	.0091077	.0096465	8.429180	.0215538	.0890883
#3	.3278884	.0089879	.0095238	8.523081	.0219620	.0897251

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427221	.1533563	.0320240	8.177559	.0752753	.0180715
Stddev	.0008379	.0089396	.0005354	.037030	.0001077	.0002619
%RSD	1.961251	5.829313	1.671948	.4528187	.1430082	1.449273

#1	.0428864	.1569031	.0319185	8.136719	.0751941	.0183251
#2	.0434656	.1599782	.0315493	8.187012	.0752344	.0180874
#3	.0418142	.1431875	.0326044	8.208945	.0753974	.0178020

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.554694	.0961641	.1081474	8.222327	.0168989	F .0151853
Stddev	.222917	.0017723	.0025237	.055256	.0007747	.0005533
%RSD	2.605788	1.842982	2.333589	.6720277	4.584514	3.643627

#1	8.372853	.0947150	.1093130	8.285015	.0177504	.0147771
#2	8.487842	.0956373	.1052515	8.201277	.0167105	.0149637
#3	8.803388	.0981401	.1098776	8.180689	.0162357	.0158150

Sample Name: PB120011BS Acquired: 05/28/2019 13:00:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS011 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182300	.1446174	.1770163	.0124315	F .0014844	F .0837712
Stddev	.0003687	.0044459	.0010411	.0015674	.0002717	.0026047
%RSD	2.022535	3.074225	.5881154	12.60795	18.30363	3.109317

#1	.0185495	.1449422	.1781488	.0121187	.0017902	.0808163
#2	.0178266	.1400181	.1767992	.0110441	.0012709	.0857344
#3	.0183140	.1488920	.1761009	.0141317	.0013920	.0847628

Elem	Sr4077
Units	ppm
Avg	.1800914
Stddev	.0004848
%RSD	.2691878

#1	.1805645
#2	.1801140
#3	.1795958

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.039	1743.307	38878.72	9172.859	2799.689
Stddev	7.247	2.656	90.74	36.674	.899
%RSD	.4057477	.1523432	.2333972	.3998133	.0321047

#1	1791.110	1746.151	38962.40	9132.950	2799.004
#2	1789.268	1742.876	38891.48	9205.080	2800.707
#3	1777.739	1740.892	38782.27	9180.548	2799.357

Sample Name: PB120011BL Acquired: 05/28/2019 12:56:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS011 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054146	-.001159	.0022542	.0022007	-.001364	.0005332	.0005242
Stddev	.0019670	.001379	.0016748	.0009780	.001490	.0053604	.0001154
%RSD	36.32804	119.0297	74.29649	44.43819	109.2044	1005.405	22.01489

#1	.0042949	-.002733	.0004493	.0013059	.000127	.0053548	.0004208
#2	.0042631	-.000579	.0037580	.0032447	-.001367	.0014836	.0005031
#3	.0076859	-.000164	.0025554	.0020515	-.002853	-.005239	.0006486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000026	-.000008	-.010687	.0001420	-.000531	.0001915	-.010947
Stddev	.0000243	.000033	.014434	.0006978	.000294	.0013020	.001684
%RSD	938.3582	406.0464	135.0648	491.3621	55.34017	679.8198	15.38145

#1	-.000025	-.000011	.002704	-.000332	-.000648	.0003487	-.009608
#2	.000020	.000026	-.008789	-.000185	-.000748	.0014078	-.012837
#3	.000013	-.000040	-.025976	.000943	-.000196	-.001182	-.010396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000119	-.002643	.0001555	.0000598	-.414899	.0038106	.0005019
Stddev	.0003888	.018959	.0003886	.0002327	.091430	.0003836	.0001154
%RSD	3282.063	717.3828	249.8301	388.8295	22.03658	10.06765	22.99244

#1	.0003407	.007931	.0003198	.0001722	-.458153	.0038024	.0004140
#2	.0001121	.008671	.0004350	-.000208	-.309868	.0041983	.0006326
#3	-.000417	-.024530	-.000288	.000215	-.476676	.0034312	.0004592

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023233	.0000923	-.001717	.0000755	-.003069	-.002978	-.001144
Stddev	.048973	.0020067	.000704	.0001714	.001878	.001373	.000929
%RSD	210.7891	2172.897	41.01236	226.9857	61.18435	46.09570	81.22155

#1	-.018538	.0011029	-.002491	.0000738	-.003483	-.004530	-.001285
#2	.023223	.0013929	-.001548	.0002478	-.004706	-.002482	-.000152
#3	-.074385	-.002219	-.001113	-.000095	-.001019	-.001923	-.001995

Sample Name: PB120011BL Acquired: 05/28/2019 12:56:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS011 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003658	-.002078	.0000029
Stddev	.0006676	.002184	.0000321
%RSD	182.4918	105.1419	1102.010

#1	-.000267	.000010	-.000018
#2	.001063	-.004347	-.000013
#3	.000301	-.001896	.000040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1738.743	1697.455	37945.73	8949.652	2696.948
Stddev	6.125	2.879	136.38	21.716	4.502
%RSD	.3522589	.1696191	.3594007	.2426422	.1669202

#1	1745.814	1694.231	38080.63	8970.921	2691.998
#2	1735.304	1699.770	37948.65	8927.515	2700.797
#3	1735.110	1698.364	37807.92	8950.519	2698.050

Sample Name: PB120016BL Acquired: 05/28/2019 13:04:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS016 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019756	-.001124	.0018020	-.000279	-.001726	-.002250	.0013995
Stddev	.0019111	.001652	.0009259	.002402	.000684	.004551	.0001946
%RSD	96.73793	146.9535	51.38401	860.8725	39.62055	202.2509	13.90763

#1	-.000170	-.002748	.0007717	-.001550	-.002395	-.001216	.0014862
#2	.002600	.000555	.0020695	-.001779	-.001756	.001695	.0015357
#3	.003496	-.001180	.0025647	.002492	-.001028	-.007230	.0011766

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000130	-.012207	.0002154	-.000302	.0033766	-.004417
Stddev	.000042	.000191	.016080	.0002652	.000092	.0032485	.005898
%RSD	287.3858	146.4628	131.7280	123.1536	30.33643	96.20681	133.5149

#1	-.000061	-.000141	-.009030	-.000090	-.000374	.0059071	-.004684
#2	-.000003	-.000315	.002047	.000390	-.000332	-.000287	-.010177
#3	.000020	.000066	-.029639	.000345	-.000199	.004509	.001609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001017	-.006510	-.000178	.0003303	-.507845	.0030155	-.000316
Stddev	.0001654	.014383	.000340	.0001283	.105033	.0011163	.000724
%RSD	162.6705	220.9418	190.6184	38.84256	20.68205	37.01841	228.9235

#1	.0002650	-.018268	-.000441	.0003112	-.626410	.0018372	.000044
#2	-.000066	.009527	.000205	.0002127	-.426457	.0040572	-.001150
#3	.000106	-.010789	-.000299	.0004671	-.470667	.0031522	.000157

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468693	.0000214	-.004376	-.000049	-.000578	-.002280	-.000976
Stddev	.0046318	.0013136	.000613	.000190	.000917	.000879	.001364
%RSD	9.882392	6142.509	14.01441	391.6678	158.5117	38.55234	139.7732

#1	.0436944	.0010010	-.003678	-.000256	-.001583	-.002720	-.001680
#2	.0521842	.0005345	-.004830	-.000007	.000211	-.001268	.000596
#3	.0447294	-.001471	-.004620	.000118	-.000363	-.002852	-.001844

Sample Name: PB120016BL Acquired: 05/28/2019 13:04:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS016 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006974	-.001430	.0000319
Stddev	.0016071	.000300	.0000961
%RSD	230.4466	20.98814	301.4009

#1	.0011053	-.001424	-.000072
#2	-.001074	-.001133	.000051
#3	.002061	-.001733	.000117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1751.148	1705.586	38257.33	9009.491	2702.787
Stddev	10.199	2.653	249.96	35.104	1.259
%RSD	.5824452	.1555473	.6533771	.3896370	.0465758

#1	1749.551	1707.794	38108.65	9012.802	2701.553
#2	1741.841	1702.643	38117.42	8972.849	2702.740
#3	1762.052	1706.321	38545.92	9042.823	2704.069

Sample Name: PB120016BS Acquired: 05/28/2019 13:08:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153920	.0385858	.0202763	.0570995	.1016656	.3770628
Stddev	.0021100	.0020784	.0015033	.0008758	.0009546	.0043606
%RSD	13.70809	5.386508	7.414177	1.533815	.9389287	1.156476

#1	.0175390	.0393990	.0218240	.0567605	.1014598	.3726501
#2	.0133212	.0362237	.0201831	.0580941	.1008308	.3771690
#3	.0153159	.0401346	.0188217	.0564439	.1027063	.3813695

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3194291	.0088959	.0096606	8.571607	.0218773	.0902088
Stddev	.0006408	.0000587	.0001136	.012035	.0002115	.0005502
%RSD	.2006148	.6598977	1.176017	.1404011	.9668170	.6098941

#1	.3199675	.0089306	.0095562	8.557944	.0220699	.0897187
#2	.3187203	.0089291	.0097816	8.580634	.0216509	.0908039
#3	.3195996	.0088281	.0096441	8.576242	.0219111	.0901038

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0417176	.1565726	.0328585	8.204990	.0760087	.0182067
Stddev	.0025683	.0041580	.0007794	.034768	.0002463	.0005118
%RSD	6.156490	2.655645	2.372017	.4237369	.3240012	2.810839

#1	.0406143	.1517770	.0332193	8.165566	.0759329	.0182876
#2	.0398853	.1587686	.0333922	8.218135	.0758093	.0176594
#3	.0446532	.1591722	.0319641	8.231269	.0762840	.0186733

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.993487	.0980984	.1062377	8.222733	.0199009	F .0149188
Stddev	.292264	.0002377	.0008437	.028862	.0009286	.0017942
%RSD	3.249729	.2422728	.7941642	.3510056	4.666303	12.02635

#1	9.267218	.0982120	.1060653	8.249735	.0208230	.0167803
#2	8.685678	.0978252	.1071543	8.226150	.0199138	.0132005
#3	9.027566	.0982579	.1054935	8.192314	.0189659	.0147756

Sample Name: PB120016BS Acquired: 05/28/2019 13:08:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS016 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183623	.1444201	.1780018	.0132880	F .0014113	F .0863317
Stddev	.0000769	.0030622	.0018321	.0007357	.0003136	.0014591
%RSD	.4187119	2.120334	1.029236	5.536835	22.21701	1.690127

#1	.0183405	.1474275	.1796566	.0141296	.0015338	.0877531
#2	.0184477	.1445269	.1783158	.0129677	.0016451	.0848376
#3	.0182987	.1413060	.1760331	.0127667	.0010550	.0864043

Elem	Sr4077
Units	ppm
Avg	.1820277
Stddev	.0005005
%RSD	.2749404

#1	.1825953
#2	.1816501
#3	.1818376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.380	1728.343	38919.55	9125.056	2776.499
Stddev	9.650	3.445	215.42	28.668	7.027
%RSD	.5438291	.1993230	.5535117	.3141689	.2530718

#1	1775.040	1725.241	38849.61	9096.582	2768.494
#2	1764.417	1727.737	38747.78	9124.671	2779.353
#3	1783.683	1732.051	39161.25	9153.914	2781.649

Sample Name: K2934-02 Acquired: 05/28/2019 13:17:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA012 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1393162	.0027312	.3231455	-.007349	.0029073	8.646296	.0512409
Stddev	.0013944	.0017151	.0039758	.001685	.0011671	.012193	.0007536
%RSD	1.000881	62.79611	1.230331	22.93372	40.14462	.1410144	1.470619

#1	.1382717	.0045441	.3208799	-.006779	.0035370	8.634859	.0508911
#2	.1408996	.0025150	.3208204	-.006023	.0015606	8.644903	.0521058
#3	.1387773	.0011345	.3277362	-.009245	.0036243	8.659125	.0507258

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017159	.0022019	3.828539	-.009487	.0279931	.1038553	83.97675
Stddev	.0000441	.0000327	.047572	.000421	.0002531	.0008235	.47826
%RSD	2.570443	1.483547	1.242553	4.440927	.9039544	.7929472	.5695124

#1	.0016686	.0022132	3.803963	-.009914	.0282844	.1031696	84.09541
#2	.0017559	.0021651	3.798283	-.009071	.0278273	.1036277	83.45034
#3	.0017232	.0022274	3.883372	-.009476	.0278677	.1047687	84.38452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.62298	.8080572	.0078163	.0253943	-.252571	.0201922	.1717119
Stddev	.12736	.0065466	.0000989	.0002494	.185568	.0011106	.0018662
%RSD	1.008924	.8101620	1.265324	.9819601	73.47142	5.500277	1.086831

#1	12.57571	.8008078	.0079238	.0256634	-.291719	.0195029	.1703659
#2	12.52603	.8098266	.0077960	.0253485	-.415442	.0196003	.1738423
#3	12.76722	.8135372	.0077292	.0251711	-.050553	.0214734	.1709276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.968483	.4684312	.0057532	.0289491	5.669271	3.466810	.0012182
Stddev	.017727	.0032350	.0002707	.0005716	.018593	.042067	.0000255
%RSD	.2224598	.6905963	4.704634	1.974434	.3279589	1.213413	2.094740

#1	7.964026	.4678213	.0060434	.0286208	5.652473	3.471773	.0012071
#2	7.953410	.4655446	.0057085	.0296091	5.666090	3.422482	.0012002
#3	7.988013	.4719277	.0055077	.0286175	5.689249	3.506175	.0012474

Sample Name: K2934-02 Acquired: 05/28/2019 13:17:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0090086	-.000916	.0964007
Stddev	.0002210	.000357	.0000480
%RSD	2.452976	38.97860	.0497757

#1	.0089592	-.001206	.0963701
#2	.0088166	-.001024	.0963761
#3	.0092502	-.000517	.0964560

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.077	2307.933	51553.23	12105.41	2817.146
Stddev	9.101	5.363	112.34	89.90	10.472
%RSD	.3862767	.2323768	.2179086	.7426445	.3717249

#1	2356.719	2311.936	51576.12	12090.69	2827.643
#2	2346.671	2310.023	51431.21	12201.77	2817.094
#3	2364.839	2301.839	51652.36	12023.79	2806.699

Sample Name: K2934-01 Acquired: 05/28/2019 13:13:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2006638	-.003025	.1729508	.0013882	-.002215	11.16502	.0738000
Stddev	.0017878	.000782	.0028791	.0016284	.000895	.00976	.0003359
%RSD	.8909651	25.84783	1.664681	117.3027	40.38714	.0874132	.4551186

#1	.2025982	-.003322	.1762477	.0029387	-.001317	11.17395	.0740289
#2	.1990722	-.002138	.1709325	.0015340	-.002222	11.15460	.0739567
#3	.2003208	-.003614	.1716720	-.000308	-.003106	11.16649	.0734144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040742	.0060840	10.85928	.0026109	.0075103	.2280515	6.964469
Stddev	.0000172	.0000537	.06833	.0001742	.0002323	.0026529	.019304
%RSD	.4216669	.8819182	.6292218	6.671164	3.092701	1.163281	.2771833

#1	.0040790	.0060502	10.89951	.0026474	.0072454	.2258505	6.943271
#2	.0040551	.0060558	10.78039	.0027640	.0076794	.2309971	6.969096
#3	.0040885	.0061458	10.89795	.0024214	.0076060	.2273069	6.981039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.521521	2.168732	.0046484	-.000054	-.216783	.0081637	.2150617
Stddev	.010151	.011791	.0003563	.000226	.119517	.0020031	.0018208
%RSD	.6671386	.5436819	7.664118	416.2438	55.13218	24.53725	.8466651

#1	1.515565	2.156754	.0042671	-.000298	-.085198	.0101727	.2130333
#2	1.515756	2.169117	.0049728	-.000012	-.318609	.0061665	.2165553
#3	1.533241	2.180327	.0047053	.000147	-.246541	.0081518	.2155965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.901109	.4694209	-.003622	.0134155	.0843814	2.120232	.0009262
Stddev	.050356	.0032293	.000391	.0000509	.0059084	.015527	.0003865
%RSD	1.290814	.6879390	10.79376	.3792425	7.002010	.7323438	41.72763

#1	3.959055	.4685263	-.004038	.0133729	.0812938	2.128809	.0013420
#2	3.876317	.4667331	-.003262	.0134017	.0806565	2.102308	.0008588
#3	3.867956	.4730031	-.003567	.0134719	.0911939	2.129579	.0005779

Sample Name: K2934-01 Acquired: 05/28/2019 13:13:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA011 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0260528	-.000689	.2937887
Stddev	.0015858	.001585	.0002278
%RSD	6.086826	230.0536	.0775315

#1	.0244465	-.002516	.2937870
#2	.0260948	.000129	.2935618
#3	.0276172	.000320	.2940174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.151	2016.707	45317.61	10751.78	2830.424
Stddev	13.094	3.190	190.55	102.27	3.369
%RSD	.6306799	.1581999	.4204709	.9512086	.1190133

#1	2061.114	2019.943	45323.85	10675.48	2830.029
#2	2085.031	2016.614	45504.97	10867.99	2833.972
#3	2082.310	2013.564	45124.03	10711.86	2827.270

Sample Name: K2934-04 Acquired: 05/28/2019 13:25:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA013D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4893293	.0092144	2.243216	-.014016	.1206737	10.70397	.1114267
Stddev	.0021010	.0012105	.006082	.001906	.0015648	.01072	.0005470
%RSD	.4293619	13.13726	.2711500	13.59658	1.296703	.1001849	.4909288

#1	.4889490	.0087023	2.247399	-.015295	.1222108	10.70662	.1108151
#2	.4874445	.0083441	2.236239	-.014927	.1190826	10.71311	.1115961
#3	.4915945	.0105969	2.246010	-.011826	.1207278	10.69216	.1118691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039031	.0052093	5.068333	-.018252	.0208203	.8898490	195.4000
Stddev	.0000842	.0001352	.029630	.000512	.0001244	.0012827	.6450
%RSD	2.156788	2.595562	.5846163	2.803087	.5976268	.1441493	.3300852

#1	.0038102	.0052154	5.050919	-.018754	.0207875	.8884186	196.1366
#2	.0039742	.0050712	5.102545	-.017731	.0209579	.8908969	194.9363
#3	.0039250	.0053415	5.051535	-.018272	.0207156	.8902316	195.1272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.439583	.9069805	.0105545	.3108088	.3458477	.0389293	.5533088
Stddev	.034720	.0178050	.0002061	.0007006	.1145975	.0026067	.0034784
%RSD	.4113904	1.963103	1.953104	.2254202	33.13525	6.695924	.6286580

#1	8.455433	.8865609	.0105271	.3115913	.2161456	.0360035	.5548418
#2	8.463549	.9151178	.0107729	.3102396	.4334058	.0410043	.5493272
#3	8.399767	.9192628	.0103634	.3105956	.3879918	.0397802	.5557574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.096591	1.323479	.0312664	.0539659	15.81052	3.925878	.0047302
Stddev	.008512	.004041	.0020655	.0000701	.05468	.010715	.0013139
%RSD	.0935742	.3053077	6.605998	.1299355	.3458540	.2729434	27.77594

#1	9.099403	1.322598	.0314133	.0539562	15.75051	3.919345	.0034358
#2	9.103341	1.319952	.0291314	.0539012	15.82353	3.938245	.0046922
#3	9.087029	1.327887	.0332544	.0540404	15.85752	3.920045	.0060627

Sample Name: K2934-04 Acquired: 05/28/2019 13:25:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA013D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0437998	.0004012	.1056092
Stddev	.0008997	.0002540	.0002711
%RSD	2.054165	63.29444	.2567035

#1	.0447360	.0001119	.1052968
#2	.0437217	.0005873	.1057825
#3	.0429416	.0005045	.1057484

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.370	2061.825	46326.37	10981.39	2820.321
Stddev	5.448	3.298	46.45	58.27	1.777
%RSD	.2584075	.1599490	.1002641	.5306648	.0629988

#1	2114.486	2061.695	46273.15	11001.13	2822.227
#2	2104.034	2065.186	46347.24	10915.81	2818.711
#3	2106.591	2058.594	46358.73	11027.24	2820.024

Sample Name: K2934-03 Acquired: 05/28/2019 13:21:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4940810	.0063165	2.123778	-.013293	.1726465	11.04317	.1008417
Stddev	.0068324	.0019686	.007773	.002252	.0006326	.04321	.0013244
%RSD	1.382842	31.16625	.3659846	16.94103	.3664034	.3913052	1.313365

#1	.4959897	.0081039	2.132753	-.012096	.1721024	11.05973	.1009035
#2	.4864973	.0066389	2.119387	-.011892	.1733406	10.99412	.0994875
#3	.4997561	.0042065	2.119195	-.015891	.1724966	11.07565	.1021341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035662	.0055974	5.200776	-.017725	.0147501	.8489239	195.8439
Stddev	.0000461	.0000674	.034175	.000276	.0005693	.0015031	.0664
%RSD	1.291154	1.203382	.6571095	1.554362	3.859536	.1770542	.0339115

#1	.0036184	.0055627	5.235340	-.017416	.0140932	.8484763	195.8964
#2	.0035314	.0056750	5.167004	-.017815	.0150573	.8476955	195.7693
#3	.0035488	.0055545	5.199983	-.017944	.0150999	.8505999	195.8661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.867839	.9048267	.0099539	.4247565	.1567187	.0377692	.5946243
Stddev	.024619	.0224710	.0006996	.0006566	.3838795	.0027719	.0045343
%RSD	.3584699	2.483462	7.028011	.1545727	244.9481	7.339046	.7625422

#1	6.894350	.9001093	.0099497	.4242131	.5861066	.0354906	.5896389
#2	6.845695	.9292819	.0106556	.4245704	.0373291	.0369618	.5957318
#3	6.863473	.8850888	.0092565	.4254861	-.153280	.0408551	.5985023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.769472	1.394624	.0233774	.2234636	12.83528	3.432112	.0055937
Stddev	.029468	.001164	.0028849	.0003223	.01468	.015484	.0010777
%RSD	.3016384	.0834650	12.34054	.1442461	.1143622	.4511536	19.26652

#1	9.788627	1.395915	.0200961	.2232529	12.85217	3.449625	.0067417
#2	9.784251	1.394304	.0255154	.2233031	12.82803	3.420238	.0054357
#3	9.735539	1.393654	.0245207	.2238346	12.82564	3.426473	.0046038

Sample Name: K2934-03 Acquired: 05/28/2019 13:21:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA013 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0455489	-.001521	.1037227
Stddev	.0021083	.000368	.0001446
%RSD	4.628607	24.17277	.1393950

#1	.0437604	-.001731	.1036853
#2	.0478735	-.001097	.1038823
#3	.0450128	-.001736	.1036004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.485	2073.909	46448.38	10990.41	2815.050
Stddev	1.822	4.517	121.66	31.67	4.772
%RSD	.0859444	.2177872	.2619333	.2881765	.1695002

#1	2121.550	2074.179	46587.70	10954.29	2814.561
#2	2118.797	2069.264	46363.07	11013.44	2810.542
#3	2118.107	2078.286	46394.38	11003.50	2820.047

Sample Name: K2934-06 Acquired: 05/28/2019 13:37:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5147608	.0126672	2.018463	-.015412	.0251739	35.17752
Stddev	.0017491	.0024484	.002866	.001369	.0011317	.15542
%RSD	.3397919	19.32883	.1419808	8.880817	4.495633	.4418174

#1	.5127415	.0148653	2.015421	-.013884	.0247056	35.33584
#2	.5157323	.0100284	2.021112	-.015826	.0243515	35.17154
#3	.5158085	.0131079	2.018857	-.016526	.0264646	35.02517

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7273878	.0052070	.0156331	8.802159	.0073940	.0691386
Stddev	.0014276	.0000857	.0000834	.114677	.0001006	.0002896
%RSD	.1962612	1.646683	.5337024	1.302827	1.359825	.4188508

#1	.7257632	.0051943	.0155401	8.931828	.0072805	.0692758
#2	.7284417	.0052984	.0157013	8.760565	.0074720	.0693340
#3	.7279586	.0051283	.0156580	8.714083	.0074294	.0688059

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6077444	112.0625	F 41.17196	6.063910	.0428184	.0921994
Stddev	.0023151	.8790	.52393	.061203	.0001821	.0007278
%RSD	.3809313	.7843775	1.272547	1.009300	.4252201	.7893907

#1	.6104176	112.9265	41.77693	6.130912	.0429444	.0913593
#2	.6063940	112.0918	40.87400	6.049875	.0426096	.0925992
#3	.6064217	111.1692	40.86496	6.010944	.0429011	.0926396

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.301311	.0869315	1.105706	11.00475	3.862471	.0116086
Stddev	.074854	.0047860	.007165	.05912	.010939	.0003174
%RSD	24.84289	5.505498	.6480192	.5372572	.2832048	2.734082

#1	-.301292	.0861626	1.099278	11.07239	3.865488	.0117251
#2	-.376175	.0920554	1.104408	10.97895	3.871584	.0118512
#3	-.226466	.0825765	1.113431	10.96292	3.850340	.0112494

Sample Name: K2934-06 Acquired: 05/28/2019 13:37:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256346	13.80916	9.401436	.0156849	.7182009	.0187261
Stddev	.0003296	.02621	.103047	.0006189	.0013315	.0007231
%RSD	1.285660	.1898054	1.096073	3.945682	.1853882	3.861201

#1	.0260115	13.83451	9.512289	.0157201	.7195366	.0190126
#2	.0254919	13.78217	9.383458	.0162853	.7181925	.0179037
#3	.0254005	13.81080	9.308561	.0150491	.7168737	.0192621

Elem	Sr4077
Units	ppm
Avg	.1346595
Stddev	.0000826
%RSD	.0613600

#1	.1347304
#2	.1346793
#3	.1345687

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.769	2332.368	52569.29	12264.29	2829.277
Stddev	18.594	.853	351.20	100.27	1.901
%RSD	.7738708	.0365768	.6680648	.8175482	.0671828

#1	2422.554	2333.176	52888.48	12150.86	2829.693
#2	2400.100	2331.476	52626.32	12300.90	2827.203
#3	2385.654	2332.453	52193.06	12341.10	2830.936

Sample Name: K2934-03LX5 Acquired: 05/28/2019 13:32:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA013L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1219262	.0017629	.4551855	-.000840	.0333668	2.555928	.0260913
Stddev	.0012414	.0012369	.0038982	.001313	.0001822	.009789	.0009031
%RSD	1.018122	70.16810	.8563861	156.4305	.5460407	.3830040	3.461193

#1	.1232860	.0006872	.4596445	-.000288	.0335101	2.563938	.0255469
#2	.1216389	.0031145	.4524236	-.002339	.0331617	2.558831	.0271338
#3	.1208536	.0014868	.4534884	.000108	.0334285	2.545016	.0255933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008940	.0009800	1.182639	-.004479	.0035662	.2066131	43.89525
Stddev	.0000428	.0001085	.019711	.000342	.0002018	.0016290	.35512
%RSD	4.785060	11.07223	1.666664	7.645771	5.658716	.7884484	.8090256

#1	.0009078	.0010307	1.190396	-.004287	.0034706	.2083110	44.28736
#2	.0009283	.0010539	1.197292	-.004275	.0034299	.2050630	43.59527
#3	.0008461	.0008555	1.160230	-.004874	.0037980	.2064651	43.80313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.822656	.2326444	.0023539	.0851767	-.417637	.0105703	.1363360
Stddev	.021742	.0366280	.0002723	.0002830	.249849	.0024158	.0025376
%RSD	1.192858	15.74422	11.56697	.3322347	59.82437	22.85481	1.861293

#1	1.843923	.2721328	.0022305	.0850823	-.576181	.0127096	.1392555
#2	1.800468	.1997810	.0026660	.0849530	-.547105	.0110511	.1346589
#3	1.823576	.2260194	.0021652	.0854948	-.129625	.0079503	.1350937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.184284	.2906459	-.001375	.0332867	3.065146	.9151891	-.000024
Stddev	.026146	.0012568	.001821	.0001323	.020674	.0118825	.001145
%RSD	1.197013	.4324132	132.4425	.3974882	.6744942	1.298370	4693.050

#1	2.155728	.2914389	.000513	.0332084	3.083312	.9254900	.001291
#2	2.190074	.2891968	-.001516	.0334395	3.069477	.9021893	-.000565
#3	2.207050	.2913020	-.003121	.0332123	3.042650	.9178882	-.000799

Sample Name: K2934-03LX5 Acquired: 05/28/2019 13:32:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA013L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0107841	-.001745	.0247301
Stddev	.0013292	.000887	.0000470
%RSD	12.32595	50.82393	.1898327

#1	.0093194	-.002191	.0247282
#2	.0111189	-.000724	.0247779
#3	.0119138	-.002320	.0246841

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.824	1785.143	39787.39	9327.425	2744.239
Stddev	6.152	3.813	39.87	58.277	1.568
%RSD	.3386088	.2136053	.1002044	.6247912	.0571546

#1	1816.363	1785.826	39786.11	9273.576	2742.431
#2	1810.915	1788.569	39748.18	9389.298	2745.044
#3	1823.193	1781.035	39827.89	9319.400	2745.241

Sample Name: K2934-09 Acquired: 05/28/2019 13:49:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.104580	.1780193	20.66631	-.051230	.1198850	10.96899
Stddev	.009694	.0022140	.00457	.002656	.0005573	.05919
%RSD	.3122338	1.243711	.0221355	5.184838	.4648290	.5396523

#1	3.096683	.1795113	20.66535	-.050417	.1197904	10.96414
#2	3.115398	.1790712	20.66230	-.049075	.1204835	10.91236
#3	3.101659	.1754754	20.67129	-.054197	.1193811	11.03046

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4888186	-.001783	.0591030	10.20829	-.063279	.0463545
Stddev	.0006734	.000257	.0001711	.15610	.002794	.0002883
%RSD	.1377619	14.39175	.2894352	1.529169	4.415416	.6218640

#1	.4895316	-.001533	.0591327	10.12163	-.062816	.0460350
#2	.4881935	-.001771	.0592573	10.11475	-.060746	.0464335
#3	.4887305	-.002045	.0589190	10.38850	-.066276	.0465950

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.963394	234.0810	F 356.1645	1.185094	.0426572	1.213120
Stddev	.010471	1.6829	6.3183	.012013	.0002487	.004938
%RSD	.5333022	.7189473	1.773993	1.013665	.5829587	.4070774

#1	1.954530	233.2198	354.1393	1.172207	.0425654	1.208146
#2	1.960704	233.0030	351.1070	1.187091	.0424675	1.218022
#3	1.974947	236.0202	363.2471	1.195982	.0429387	1.213193

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.107774	-.290229	11.93554	14.55555	6.340650	.0067044
Stddev	.145833	.010175	.13885	.09316	.018334	.0066066
%RSD	135.3143	3.505758	1.163357	.6400508	.2891530	98.54124

#1	.036828	-.301892	11.87187	14.45861	6.334297	.0109706
#2	-.105341	-.285628	12.09481	14.56365	6.361316	.0100482
#3	-.254808	-.283168	11.83994	14.64440	6.326338	-.000906

Sample Name: K2934-09 Acquired: 05/28/2019 13:49:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA033 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2443309	2.237239	2.310447	.0088952	.1091355	.0018554
Stddev	.0005577	.016540	.040270	.0008345	.0010467	.0017753
%RSD	.2282553	.7393093	1.742952	9.381878	.9590976	95.68645

#1	.2444781	2.237770	2.309873	.0086575	.1080283	.0004052
#2	.2448002	2.253507	2.270468	.0082053	.1092693	.0013257
#3	.2437144	2.220440	2.351001	.0098228	.1101089	.0038352

Elem	Sr4077
Units	ppm
Avg	1.682862
Stddev	.003752
%RSD	.2229765

#1	1.680660
#2	1.680731
#3	1.687194

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.397	2471.185	53972.02	12656.02	2800.414
Stddev	22.014	10.639	350.18	141.01	9.108
%RSD	.8786684	.4305080	.6488155	1.114166	.3252305

#1	2526.173	2468.596	54263.22	12739.33	2794.463
#2	2482.324	2462.079	53583.47	12735.51	2795.881
#3	2507.694	2482.879	54069.37	12493.21	2810.899

Sample Name: K2934-07 Acquired: 05/28/2019 13:41:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA031 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.111364	.0223099	.9037502	-.034420	.0245210	36.38129
Stddev	.006045	.0029630	.0022604	.001395	.0006476	.16322
%RSD	.2863183	13.28105	.2501108	4.051815	2.641131	.4486468

#1	2.109831	.0239014	.9055390	-.033983	.0249138	36.19836
#2	2.118028	.0188912	.9045018	-.033295	.0248757	36.51205
#3	2.106233	.0241370	.9012097	-.035980	.0237735	36.43346

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9097011	.0074347	.0127962	40.34614	.0050137	.1783816
Stddev	.0021150	.0001489	.0001843	.33835	.0002248	.0006152
%RSD	.2324908	2.003134	1.440345	.8386263	4.484678	.3448938

#1	.9086393	.0073340	.0127183	39.95584	.0050832	.1786091
#2	.9121366	.0076057	.0130067	40.52597	.0047623	.1788507
#3	.9083274	.0073642	.0126637	40.55660	.0051956	.1776850

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5461778	338.6741	F 60.34217	26.30205	.1172133	.0592003
Stddev	.0016374	1.5398	.49778	.11284	.0003028	.0001444
%RSD	.2997960	.4546592	.8249275	.4290131	.2583126	.2438413

#1	.5458830	336.9048	60.01285	26.17232	.1169246	.0593274
#2	.5447078	339.4062	60.91481	26.37741	.1171869	.0592300
#3	.5479426	339.7112	60.09885	26.35641	.1175285	.0590434

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.751622	.9103480	1.324153	17.47282	8.981707	.0415180
Stddev	.249800	.0026937	.002326	.09524	.011824	.0033503
%RSD	33.23485	.2958948	.1756424	.5450698	.1316474	8.069500

#1	-.800129	.9074245	1.321556	17.39094	8.968055	.0453487
#2	-.973611	.9127294	1.326043	17.57734	8.988385	.0400706
#3	-.481125	.9108901	1.324861	17.45018	8.988681	.0391348

Sample Name: K2934-07 Acquired: 05/28/2019 13:41:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA031 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0455637	.5011757	6.153695	.0086520	1.954591	.0796686
Stddev	.0005604	.0045954	.019502	.0003980	.009797	.0018717
%RSD	1.229957	.9169309	.3169146	4.599941	.5012283	2.349353
#1	.0451025	.4967348	6.146419	.0090004	1.944121	.0785996
#2	.0461874	.5008809	6.175789	.0087372	1.963536	.0818298
#3	.0454012	.5059115	6.138877	.0082182	1.956116	.0785764

Elem	Sr4077
Units	ppm
Avg	1.041766
Stddev	.000991
%RSD	.0950928
#1	1.042133
#2	1.042521
#3	1.040644

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2229.110	2182.718	48902.46	11540.03	2790.011
Stddev	9.041	2.778	158.88	73.02	6.334
%RSD	.4055769	.1272627	.3248895	.6327460	.2270069
#1	2238.632	2181.675	48958.42	11624.09	2788.649
#2	2220.643	2180.613	49025.78	11492.29	2784.470
#3	2228.057	2185.866	48723.17	11503.72	2796.915

Sample Name: K2934-10 Acquired: 05/28/2019 13:53:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.517942	.1253940	5.446069	-.036093	.1176075	12.15154
Stddev	.014315	.0031596	.007697	.004229	.0007171	.02424
%RSD	.2594292	2.519719	.1413302	11.71657	.6097374	.1995149

#1	5.501494	.1279245	5.452519	-.032733	.1174883	12.17913
#2	5.524744	.1218527	5.437548	-.040842	.1169575	12.14184
#3	5.527588	.1264049	5.448138	-.034705	.1183767	12.13365

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623409	-.008730	.0519860	8.977205	-.088613	.1722813
Stddev	.0008276	.000219	.0000458	.038607	.001684	.0004852
%RSD	1.327497	2.508519	.0880940	.4300573	1.900296	.2816152

#1	.0629941	-.008595	.0520074	8.952411	-.087340	.1725947
#2	.0626184	-.008983	.0519334	9.021687	-.090523	.1725268
#3	.0614103	-.008613	.0520171	8.957516	-.087978	.1717224

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3699716	248.2948	F 398.0449	.2598015	.0304383	1.146900
Stddev	.0019438	.6595	3.2313	.0251298	.0008334	.005643
%RSD	.5253923	.2656064	.8117895	9.672692	2.737959	.4920406

#1	.3720679	248.8425	395.1223	.2527060	.0303633	1.150905
#2	.3696178	248.4792	401.5149	.2389823	.0296449	1.140446
#3	.3682289	247.5627	397.4975	.2877162	.0313066	1.149350

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0673095	-.467164	8.164415	23.38834	2.942177	.0235632
Stddev	.2126708	.012128	.079178	.08415	.015907	.0043156
%RSD	315.9595	2.596056	.9697958	.3598136	.5406560	18.31519

#1	.1205134	-.454062	8.251972	23.29155	2.924914	.0277438
#2	-.166912	-.477997	8.097844	23.42928	2.945372	.0191241
#3	.248327	-.469434	8.143429	23.44420	2.956243	.0238217

Sample Name: K2934-10 Acquired: 05/28/2019 13:53:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA034 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1352610	7.887958	2.686213	.0028695	.0426353	.0004100
Stddev	.0002369	.011804	.010467	.0010050	.0006198	.0012482
%RSD	.1751663	.1496412	.3896569	35.02332	1.453692	304.4534
#1	.1352043	7.880940	2.675206	.0017650	.0421085	.0006275
#2	.1355212	7.881350	2.696041	.0037301	.0424791	.0015351
#3	.1350576	7.901586	2.687391	.0031132	.0433182	-.000933

Elem	Sr4077
Units	ppm
Avg	1.958161
Stddev	.002560
%RSD	.1307199
#1	1.955598
#2	1.958168
#3	1.960717

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.804	2169.851	47618.97	11357.74	2798.653
Stddev	17.911	1.616	313.63	65.80	1.212
%RSD	.8116374	.0744912	.6586344	.5793261	.0433082
#1	2186.952	2170.803	47257.05	11373.06	2800.037
#2	2211.706	2167.985	47788.59	11285.64	2798.141
#3	2221.754	2170.766	47811.25	11414.53	2797.780

Sample Name: K2934-11 Acquired: 05/28/2019 13:57:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.095487	.0545154	1.305608	-.039547	.0319777	45.83003
Stddev	.003815	.0015000	.001317	.003738	.0010775	.20605
%RSD	.0625850	2.751443	.1008759	9.450834	3.369392	.4495998

#1	6.095949	.0543222	1.305728	-.040912	.0330823	45.77324
#2	6.091463	.0561026	1.304235	-.042411	.0309296	45.65834
#3	6.099050	.0531214	1.306861	-.035319	.0319210	46.05853

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7030407	.0055357	.0177819	86.11076	-.026074	.1543563
Stddev	.0003892	.0000760	.0001091	.69162	.000514	.0003025
%RSD	.0553626	1.373535	.6136860	.8031801	1.970761	.1959751

#1	.7029480	.0055560	.0178223	85.64051	-.025721	.1545442
#2	.7027062	.0054516	.0178651	85.78688	-.025839	.1545173
#3	.7034679	.0055996	.0176583	86.90490	-.026664	.1540073

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7898395	373.5716	F 129.4407	17.22757	.0837764	.2065906
Stddev	.0042845	1.7233	1.6038	.12514	.0010519	.0010024
%RSD	.5424464	.4613136	1.239033	.7263676	1.255646	.4852213

#1	.7871192	372.5000	128.0332	17.12793	.0832775	.2072586
#2	.7876211	372.6552	129.1021	17.18676	.0830667	.2054380
#3	.7947783	375.5595	131.1868	17.36801	.0849849	.2070753

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.647029	.3304334	2.134689	24.75560	9.715658	.0370216
Stddev	.121660	.0054093	.017251	.04976	.008459	.0101706
%RSD	18.80288	1.637025	.8081450	.2010252	.0870660	27.47205

#1	-.775796	.3358703	2.119845	24.69822	9.705958	.0361033
#2	-.534009	.3303778	2.153616	24.78144	9.721503	.0476202
#3	-.631283	.3250522	2.130607	24.78712	9.719513	.0273413

Sample Name: K2934-11 Acquired: 05/28/2019 13:57:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA035 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887620	7.539304	7.505020	.0069054	.8174548	.0428660
Stddev	.0002631	.016351	.051410	.0010136	.0044597	.0010204
%RSD	.2964241	.2168738	.6850035	14.67904	.5455634	2.380362

#1	.0885270	7.539316	7.516449	.0058327	.8155301	.0430601
#2	.0890463	7.555649	7.448858	.0078473	.8142806	.0417625
#3	.0887125	7.522947	7.549753	.0070361	.8225537	.0437753

Elem	Sr4077
Units	ppm
Avg	1.375962
Stddev	.004520
%RSD	.3284829

#1	1.372520
#2	1.374285
#3	1.381080

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.660	2205.309	49867.94	11801.36	2760.384
Stddev	14.328	4.354	276.70	128.46	2.447
%RSD	.6343410	.1974529	.5548652	1.088541	.0886426

#1	2274.636	2204.991	50155.79	11851.73	2761.350
#2	2254.391	2209.814	49844.09	11897.00	2762.200
#3	2246.951	2201.122	49603.93	11655.34	2757.601

Sample Name: K2936-01 Acquired: 05/28/2019 15:23:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.516029	.0302847	1.843702	-.029782	.0260752	26.49681
Stddev	.005753	.0025610	.002316	.000876	.0010585	.13423
%RSD	.3794971	8.456404	.1256174	2.941328	4.059604	.5066049

#1	1.509722	.0290127	1.841341	-.030646	.0270906	26.63203
#2	1.520989	.0286086	1.845970	-.029805	.0261568	26.49483
#3	1.517378	.0332326	1.843796	-.028894	.0249782	26.36358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5376197	-.000046	.0133571	9.959982	-.015689	.0437549
Stddev	.0009679	.000067	.0000540	.087965	.001194	.0003980
%RSD	.1800314	145.0325	.4042052	.8831866	7.608557	.9095568

#1	.5365676	-.000100	.0134174	10.03860	-.016984	.0440920
#2	.5384722	-.000069	.0133132	9.97637	-.015452	.0438568
#3	.5378193	.000029	.0133406	9.86498	-.014632	.0433159

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5774082	159.0560	F 135.0734	7.751982	.0400510	.1820386
Stddev	.0039880	.7233	3.0677	.060898	.0005538	.0012409
%RSD	.6906775	.4547167	2.271111	.7855760	1.382636	.6816585

#1	.5819850	159.7891	138.3685	7.821895	.0401769	.1806577
#2	.5755605	159.0358	134.5515	7.723556	.0394451	.1830601
#3	.5746792	158.3430	132.3001	7.710495	.0405309	.1823980

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.075882	.1835705	2.577380	20.22534	4.968013	.0117439
Stddev	.129127	.0021798	.038515	.10735	.018995	.0027039
%RSD	170.1684	1.187434	1.494342	.5307739	.3823536	23.02400

#1	-.224582	.1830522	2.535325	20.30955	4.967459	.0093563
#2	.007960	.1816966	2.585881	20.26200	4.987279	.0111954
#3	-.011025	.1859627	2.610934	20.10446	4.949301	.0146800

Sample Name: K2936-01 Acquired: 05/28/2019 15:23:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA047 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854762	11.86586	3.207041	.0276315	1.384914	.0236873
Stddev	.0001969	.04804	.054196	.0003722	.007682	.0005754
%RSD	.2303416	.4048254	1.689914	1.346974	.5547204	2.428996

#1	.0853505	11.86695	3.260102	.0273628	1.392586	.0243327
#2	.0853749	11.91334	3.209244	.0274754	1.384936	.0232281
#3	.0857031	11.81728	3.151777	.0280563	1.377221	.0235010

Elem	Sr4077
Units	ppm
Avg	.7304107
Stddev	.0015730
%RSD	.2153577

#1	.7310941
#2	.7315264
#3	.7286116

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.522	2160.673	47741.15	11347.39	2823.182
Stddev	11.631	2.187	173.43	154.75	2.360
%RSD	.5294962	.1012004	.3632744	1.363790	.0836110

#1	2209.780	2162.061	47941.40	11204.98	2825.511
#2	2188.037	2161.807	47642.03	11325.10	2823.244
#3	2191.750	2158.153	47640.01	11512.08	2820.792

Sample Name: K2934-13 Acquired: 05/28/2019 14:05:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2486761	.0066688	.5961629	-.014646	.0206280	59.10250	1.598097
Stddev	.0022939	.0014155	.0020415	.002143	.0005847	.16548	.004141
%RSD	.9224542	21.22580	.3424452	14.63110	2.834764	.2799860	.2590972

#1	.2510984	.0067849	.5938060	-.013125	.0213030	58.92046	1.594484
#2	.2465368	.0051988	.5973820	-.017097	.0202767	59.24382	1.602616
#3	.2483931	.0080226	.5973006	-.013717	.0203043	59.14322	1.597192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051411	.0088121	19.11901	.0365231	.0635101	.3219756	119.7534
Stddev	.0000667	.0000753	.02615	.0002669	.0002823	.0012530	.0933
%RSD	1.298142	.8542599	.1367656	.7308791	.4444679	.3891751	.0779338

#1	.0050872	.0087306	19.09631	.0366527	.0638080	.3215043	119.6843
#2	.0051202	.0088790	19.14760	.0367005	.0634759	.3233959	119.7163
#3	.0052157	.0088267	19.11313	.0362161	.0632465	.3210265	119.8596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.95751	19.41868	.0632465	.1003355	.0776504	.2444879	.9210959
Stddev	.02101	.01496	.0002530	.0001907	.1943208	.0017440	.0058235
%RSD	.0751555	.0770553	.4000059	.1901036	250.2507	.7133288	.6322338

#1	27.93535	19.41964	.0634321	.1005248	.2284172	.2441359	.9218245
#2	27.97714	19.43315	.0629584	.1003385	.1461858	.2463810	.9265208
#3	27.96003	19.40327	.0633492	.1001434	-.141652	.2429467	.9149424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.96978	4.003128	.0117129	.0135496	.6920946	5.525269	.0101227
Stddev	.01350	.009665	.0021023	.0004745	.0027816	.030825	.0006138
%RSD	.0751401	.2414344	17.94820	3.502169	.4019137	.5578837	6.063467

#1	17.98494	4.006828	.0097728	.0138442	.6945849	5.489788	.0103191
#2	17.95903	4.010396	.0114193	.0130022	.6926064	5.540567	.0106143
#3	17.96539	3.992160	.0139465	.0138025	.6890927	5.545453	.0094348

Sample Name: K2934-13 Acquired: 05/28/2019 14:05:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.448763	.0687991	.2629151
Stddev	.004077	.0007100	.0004591
%RSD	.1664974	1.032013	.1746296

#1	2.445085	.0696027	.2623877
#2	2.453146	.0682565	.2632260
#3	2.448056	.0685382	.2631314

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.260	2144.626	47817.06	11285.35	2783.750
Stddev	12.239	3.953	241.09	9.12	1.575
%RSD	.5618654	.1843199	.5041954	.0808364	.0565943

#1	2165.601	2141.926	47539.80	11290.79	2781.932
#2	2179.149	2142.787	47934.02	11274.82	2784.725
#3	2190.030	2149.163	47977.37	11290.45	2784.592

Sample Name: K2934-12 Acquired: 05/28/2019 14:01:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA036 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4483735	-.008349	.9474208	.0237931	.0148732	17.83818	1.941140
Stddev	.0036789	.000689	.0009578	.0017612	.0017282	.00668	.004811
%RSD	.8204895	8.248579	.1010978	7.402308	11.61955	.0374261	.2478471

#1	.4441929	-.008798	.9465266	.0219344	.0128798	17.83142	1.946473
#2	.4511162	-.008693	.9473043	.0254373	.0157898	17.84477	1.939822
#3	.4498115	-.007556	.9484316	.0240075	.0159500	17.83835	1.937125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062949	.0246252	27.33528	.0284870	.0122781	.7766856	38.93949
Stddev	.0000482	.0001792	.06023	.0005395	.0002014	.0036499	.06548
%RSD	.7655008	.7278080	.2203522	1.893743	1.639964	.4699361	.1681677

#1	.0062396	.0244489	27.26977	.0289242	.0121140	.7738804	39.00826
#2	.0063279	.0246196	27.38827	.0286525	.0125028	.7753642	38.93233
#3	.0063173	.0248072	27.34779	.0278841	.0122174	.7808122	38.87788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.427075	2.784546	.0275707	.0584492	2.587053	.0953404	1.062193
Stddev	.012835	.023701	.0006737	.0000489	.278910	.0012721	.006737
%RSD	.2899237	.8511481	2.443351	.0837331	10.78101	1.334303	.6342681

#1	4.412873	2.776219	.0271651	.0583933	2.271905	.0939069	1.067905
#2	4.430509	2.766134	.0271987	.0584703	2.687165	.0957792	1.063911
#3	4.437844	2.811287	.0283483	.0584841	2.802091	.0963350	1.054763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.427663	4.110666	.3694519	.0155633	28.51093	1.300332	.0199973
Stddev	.032492	.010919	.0009794	.0003452	.08828	.003063	.0013104
%RSD	.7338488	.2656371	.2651021	2.217929	.3096337	.2355465	6.552624

#1	4.394838	4.102338	.3684173	.0159614	28.44938	1.296979	.0210493
#2	4.459812	4.106631	.3703648	.0153470	28.47133	1.302983	.0204131
#3	4.428340	4.123028	.3695736	.0153815	28.61208	1.301034	.0185295

Sample Name: K2934-12 Acquired: 05/28/2019 14:01:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.164381	.0060331	1.795523
Stddev	.004791	.0009983	.001387
%RSD	.2213582	16.54744	.0772741

#1	2.169754	.0063632	1.795180
#2	2.160553	.0049115	1.797050
#3	2.162835	.0068245	1.794340

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.706	1902.242	42871.77	10118.72	2877.237
Stddev	6.595	5.109	72.70	47.91	5.868
%RSD	.3375685	.2685905	.1695838	.4735172	.2039288

#1	1960.627	1902.841	42951.18	10149.34	2881.353
#2	1952.997	1907.025	42855.67	10143.31	2879.838
#3	1947.495	1896.859	42808.47	10063.50	2870.518

Sample Name: K2934-14 Acquired: 05/28/2019 14:35:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088153	.0207595	.2856032	-.007969	.0088208	76.60511	.8017116
Stddev	.016340	.0007572	.0077591	.003163	.0006817	.58934	.0059676
%RSD	1.501590	3.647503	2.716754	39.68719	7.728765	.7693209	.7443545

#1	1.084530	.0207740	.2814281	-.005767	.0082524	77.28055	.8084628
#2	1.106000	.0199951	.2945560	-.011593	.0095767	76.33918	.7995309
#3	1.073930	.0215093	.2808256	-.006547	.0086334	76.19559	.7971411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085249	.0100281	58.82436	.0595781	.1933597	.3471939	333.7391
Stddev	.0000842	.0004419	.41791	.0003999	.0044281	.0047430	1.6017
%RSD	.9877692	4.406958	.7104366	.6712343	2.290059	1.366084	.4799235

#1	.0084916	.0099238	59.29827	.0594385	.1911349	.3524950	335.5876
#2	.0086207	.0105129	58.66617	.0592668	.1984590	.3433520	332.7606
#3	.0084624	.0096477	58.50863	.0600291	.1904852	.3457348	332.8692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.70498	62.38677	.1282644	-.004313	-.582145	.5854377	.9483546
Stddev	.20934	.39058	.0017966	.000055	.209856	.0018683	.0081608
%RSD	.7839084	.6260653	1.400740	1.272538	36.04881	.3191344	.8605228

#1	26.93700	62.83593	.1275389	-.004281	-.553398	.5875928	.9509431
#2	26.64770	62.19746	.1303103	-.004282	-.804892	.5842753	.9392135
#3	26.53024	62.12692	.1269439	-.004377	-.388144	.5844449	.9549073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.78393	11.27621	.0141074	.0179234	12.50032	4.755748	.0168710
Stddev	.27888	.21797	.0020251	.0004188	.26599	.022322	.0008198
%RSD	.7380920	1.932968	14.35496	2.336438	2.127842	.4693675	4.859336

#1	38.10347	11.18463	.0140497	.0182690	12.35849	4.779094	.0175176
#2	37.65870	11.52502	.0121118	.0180434	12.80716	4.753535	.0171465
#3	37.58961	11.11897	.0161608	.0174577	12.33531	4.734614	.0159489

Sample Name: K2934-14 Acquired: 05/28/2019 14:35:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA038 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.637898	.1939988	.3255164
Stddev	.051959	.0011868	.0022731
%RSD	.6802829	.6117431	.6982974

#1	7.696225	.1944375	.3281309
#2	7.620912	.1926551	.3244100
#3	7.596558	.1949037	.3240084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.826	2210.190	49922.86	11699.51	2728.012
Stddev	14.327	28.364	165.50	84.50	49.772
%RSD	.6345388	1.283349	.3315112	.7222698	1.824483

#1	2244.527	2227.347	49731.93	11603.59	2751.543
#2	2272.997	2177.450	50011.26	11731.96	2670.837
#3	2255.955	2225.772	50025.39	11762.98	2761.655

Sample Name: CCV044 Acquired: 05/28/2019 14:27:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.559786	4.779659	23.48830	4.540730	4.609805	422.2331
Stddev	.011207	.004811	.04201	.015357	.013845	1.0144
%RSD	.2457856	.1006611	.1788633	.3382107	.3003301	.2402486

#1	4.548127	4.782211	23.49083	4.557718	4.615071	422.7774
#2	4.560750	4.782657	23.52898	4.527831	4.594100	421.0627
#3	4.570480	4.774109	23.44508	4.536642	4.620244	422.8592

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.695897	.4912518	2.387374	428.3282	14.64835	2.419398
Stddev	.019330	.0038651	.005793	1.1451	.02556	.002728
%RSD	.1993677	.7867790	.2426519	.2673493	.1744821	.1127421

#1	9.696986	.4956182	2.388825	428.1863	14.67785	2.416583
#2	9.676045	.4898684	2.392304	427.2606	14.63278	2.422029
#3	9.714660	.4882688	2.380994	429.5376	14.63443	2.419582

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.45101	439.1089	14.66709	426.1500	2.402417	1.232718
Stddev	.02066	.2448	.05654	.2913	.004286	.009141
%RSD	.1429631	.0557460	.3855003	.0683669	.1783865	.7415560

#1	14.43536	439.2314	14.65693	426.1047	2.400483	1.241482
#2	14.44325	438.8270	14.61632	425.8839	2.407329	1.223241
#3	14.47443	439.2682	14.72803	426.4613	2.399439	1.233430

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	424.3652	2.442459	14.00813	149.5191	4.519691	5.217155
Stddev	1.3966	.001941	.04933	.3835	.009673	.031948
%RSD	.3291025	.0794750	.3521537	.2564938	.2140198	.6123707

#1	424.5779	2.441754	13.95224	149.2271	4.527228	5.252899
#2	422.8745	2.444654	14.02654	149.3768	4.523061	5.207188
#3	425.6432	2.440969	14.04561	149.9534	4.508783	5.191378

Sample Name: CCV044 Acquired: 05/28/2019 14:27:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.924913	F 4.460193	5.183491	5.011063	5.064619	5.026505
Stddev	.011531	.032961	.034881	.018524	.012982	.016702
%RSD	.2341323	.7390065	.6729280	.3696698	.2563317	.3322874

#1	4.930950	4.488674	5.220865	5.020689	5.078324	5.030093
#2	4.911617	4.467818	5.177809	5.022793	5.052507	5.008300
#3	4.932173	4.424088	5.151801	4.989707	5.063026	5.041122

Elem	Sr4077
Units	ppm
Avg	4.736083
Stddev	.042793
%RSD	.9035533

#1	4.784907
#2	4.705083
#3	4.718259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1552.405	1487.569	36051.90	8613.377	2435.767
Stddev	5.763	2.088	196.64	28.192	7.010
%RSD	.3712227	.1403814	.5454283	.3273089	.2878015

#1	1554.252	1488.346	36056.72	8590.092	2438.038
#2	1557.017	1489.157	36246.09	8644.722	2427.903
#3	1545.945	1485.203	35852.90	8605.319	2441.360

Sample Name: CCB044 Acquired: 05/28/2019 14:31:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB044 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035941	.0013275	.0010370	.0030449	-.000691	.0000950	.0016612
Stddev	.0027622	.0014716	.0009422	.0015861	.001257	.0092556	.0010779
%RSD	76.85442	110.8600	90.85504	52.09241	181.9470	9745.351	64.88511

#1	.0004715	-.000264	.0000529	.0014585	-.002034	-.004176	.0006535
#2	.0057183	.001608	.0011274	.0030454	-.000496	-.006254	.0015325
#3	.0045926	.002639	.0019307	.0046307	.000457	.010715	.0027977

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000672	-.000082	-.014112	.0001810	.0000395	.0002701	-.003738
Stddev	.0000266	.000128	.009952	.0005300	.0003473	.0012913	.007413
%RSD	39.64564	156.4094	70.52053	292.8719	879.9705	477.9954	198.2881

#1	.0000419	-.000164	-.009527	.0007738	-.000288	-.001100	-.009690
#2	.0000645	-.000146	-.025530	.0000164	.000403	.001464	-.006091
#3	.0000950	.000065	-.007279	-.000247	.000003	.000447	.004565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014351	.0058049	.0008510	.0000659	-.330804	.0005123	.0001909
Stddev	.0005198	.0144751	.0002728	.0005874	.156821	.0005394	.0005097
%RSD	36.22141	249.3585	32.05327	890.7520	47.40595	105.2848	267.0577

#1	.0019123	-.009138	.0010865	-.000518	-.198747	.0007039	-.000355
#2	.0008812	.019762	.0009143	.000657	-.504133	.0009297	.000274
#3	.0015117	.006791	.0005521	.000058	-.289530	-.000097	.000654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2135383	.0004557	.0048960	.0005091	.0007410	-.000949	.0001782
Stddev	.0769500	.0013685	.0014740	.0004546	.0025494	.000946	.0014105
%RSD	36.03567	300.2956	30.10626	89.30972	344.0698	99.63813	791.7004

#1	.3009588	.0017251	.0032059	.0001900	-.000963	.000134	-.001428
#2	.1560608	-.000994	.0055670	.0003076	-.000486	-.001368	.001217
#3	.1835953	.000636	.0059151	.0010296	.003672	-.001614	.000745

Sample Name: CCB044 Acquired: 05/28/2019 14:31:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB044 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023429	.0049581	.0001389
Stddev	.0006913	.0009107	.0000233
%RSD	29.50738	18.36704	16.75557

#1	.0029954	.0056277	.0001650
#2	.0024149	.0053253	.0001316
#3	.0016184	.0039211	.0001202

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.557	1710.250	37851.80	8924.753	2704.327
Stddev	10.236	1.319	20.97	127.278	3.277
%RSD	.5874203	.0771444	.0554082	1.426129	.1211578

#1	1731.925	1709.267	37831.83	8780.258	2700.830
#2	1752.345	1711.749	37873.65	8973.747	2704.826
#3	1743.401	1709.733	37849.90	9020.253	2707.326

Sample Name: K2934-15 Acquired: 05/28/2019 14:39:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9744614	.0178044	3.802399	-.030953	.1786436	13.14704
Stddev	.0058158	.0005600	.009125	.001873	.0017000	.03383
%RSD	.5968251	3.145309	.2399860	6.051155	.9516056	.2573352

#1	.9698911	.0171807	3.795976	-.032206	.1793377	13.16917
#2	.9724852	.0179683	3.798376	-.028800	.1767064	13.10810
#3	.9810078	.0182641	3.812844	-.031854	.1798867	13.16386

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.365673	.0114688	.0219397	30.93637	-.027109	.0639350
Stddev	.004554	.0001973	.0001178	.03210	.000100	.0004349
%RSD	.3334378	1.720648	.5371120	.1037490	.3705767	.6801997

#1	1.370894	.0114877	.0218881	30.93948	-.027224	.0635119
#2	1.363609	.0112626	.0218564	30.90284	-.027063	.0639124
#3	1.362518	.0116559	.0220745	30.96680	-.027040	.0643808

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.713915	303.7645	F 78.61359	2.862481	.0450082	.7510799
Stddev	.004584	.7525	.15835	.015448	.0010727	.0015917
%RSD	.2674660	.2477274	.2014312	.5396765	2.383298	.2119177

#1	1.712363	304.6208	78.45976	2.864559	.0442805	.7519052
#2	1.719073	303.4640	78.60490	2.876784	.0445041	.7492451
#3	1.710308	303.2086	78.77611	2.846099	.0462401	.7520895

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.799917	.6562442	2.436495	9.490412	12.16409	.0362271
Stddev	.112093	.0013133	.022035	.030795	.05400	.0009423
%RSD	14.01302	.2001198	.9043714	.3244841	.4439454	2.601075

#1	-.922096	.6556857	2.448829	9.489437	12.12084	.0363442
#2	-.775826	.6553025	2.449601	9.521683	12.14681	.0371054
#3	-.701829	.6577444	2.411055	9.460117	12.22461	.0352317

Sample Name: K2934-15 Acquired: 05/28/2019 14:39:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA039 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0355087	.6456958	3.370363	.0063696	.2015204	.0016174
Stddev	.0004757	.0083880	.023385	.0002676	.0008754	.0009779
%RSD	1.339576	1.299072	.6938313	4.200653	.4343930	60.46015

#1	.0352548	.6384136	3.368729	.0064031	.2019673	.0026371
#2	.0360574	.6438064	3.347838	.0060869	.2020822	.0006875
#3	.0352138	.6548674	3.394522	.0066189	.2005118	.0015277

Elem	Sr4077
Units	ppm
Avg	.7434839
Stddev	.0008307
%RSD	.1117247

#1	.7443020
#2	.7435086
#3	.7426412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.026	2569.319	57521.01	13446.55	2786.914
Stddev	6.284	6.590	106.31	79.57	5.228
%RSD	.2397648	.2564975	.1848162	.5917407	.1875840

#1	2615.720	2564.904	57640.04	13462.76	2790.886
#2	2619.392	2576.894	57435.52	13516.76	2788.864
#3	2627.966	2566.158	57487.46	13360.12	2780.991

Sample Name: K2934-16 Acquired: 05/28/2019 14:43:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.809689	.0516894	1.672186	-.034727	.0589161	7.119758
Stddev	.006804	.0028481	.001618	.003050	.0013612	.015933
%RSD	.3759883	5.510050	.0967804	8.783527	2.310379	.2237861

#1	1.805361	.0484886	1.674046	-.038242	.0600306	7.105684
#2	1.806174	.0539439	1.671095	-.033154	.0593187	7.137057
#3	1.817532	.0526357	1.671419	-.032784	.0573990	7.116533

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.613947	.0041786	.0160439	14.72226	-.046424	.0983536
Stddev	.001992	.0000263	.0001480	.17620	.000641	.0005599
%RSD	.1234379	.6294731	.9226462	1.196809	1.380082	.5693182

#1	1.615826	.0041998	.0159843	14.64223	-.046804	.0978326
#2	1.614156	.0041492	.0159350	14.92427	-.046784	.0989457
#3	1.611858	.0041869	.0162124	14.60029	-.045685	.0982825

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5815630	313.3841	F 100.7208	1.459370	.0511604	.4121853
Stddev	.0006401	1.6778	1.4118	.003017	.0005294	.0021847
%RSD	.1100648	.5353877	1.401686	.2067552	1.034769	.5300251

#1	.5816284	313.6323	100.2050	1.461641	.0516553	.4123673
#2	.5821680	314.9239	102.3179	1.455946	.0506022	.4099153
#3	.5808928	311.5960	99.6394	1.460522	.0512237	.4142733

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.053483	.3915133	1.800689	15.28915	15.25335	.0318413
Stddev	.259564	.0030838	.019313	.04967	.02503	.0054491
%RSD	485.3209	.7876699	1.072534	.3248587	.1640823	17.11318

#1	-.183995	.3949775	1.810319	15.23745	15.23330	.0376928
#2	-.221889	.3890674	1.778454	15.33651	15.24534	.0269124
#3	.245436	.3904952	1.813294	15.29348	15.28140	.0309189

Sample Name: K2934-16 Acquired: 05/28/2019 14:43:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA040 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0960314	60.73535	2.083315	.0040321	.0614566	-.003710
Stddev	.0004644	.11623	.028099	.0011814	.0005959	.000918
%RSD	.4835904	.1913659	1.348777	29.30073	.9696685	24.75533
#1	.0955427	60.64303	2.071759	.0053963	.0621228	-.004087
#2	.0960844	60.69715	2.115349	.0033567	.0612726	-.002663
#3	.0964670	60.86587	2.062836	.0033434	.0609743	-.004379

Elem	Sr4077
Units	ppm
Avg	2.032976
Stddev	.009563
%RSD	.4703708
#1	2.036860
#2	2.039985
#3	2.022082

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2706.130	2656.042	59184.06	13955.73	2793.711
Stddev	15.037	.642	407.13	113.37	1.004
%RSD	.5556541	.0241810	.6879084	.8123819	.0359538
#1	2707.460	2656.371	59023.53	14006.96	2794.726
#2	2720.458	2656.453	59646.99	13825.78	2793.691
#3	2690.473	2655.302	58881.67	14034.45	2792.717

Sample Name: K2934-17 Acquired: 05/28/2019 14:51:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.911537	.0886006	2.851059	-.052258	.0890333	16.02373
Stddev	.004400	.0024202	.001166	.001780	.0015774	.02012
%RSD	.2301571	2.731574	.0408863	3.405812	1.771651	.1255534

#1	1.906902	.0889209	2.849976	-.051726	.0872398	16.02015
#2	1.912053	.0860361	2.850909	-.050804	.0896555	16.04540
#3	1.915655	.0908446	2.852292	-.054243	.0902047	16.00564

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.233446	.0036930	.0260987	12.46812	-.054273	.1295131
Stddev	.001227	.0000719	.0002325	.06504	.000909	.0001698
%RSD	.0994968	1.948002	.8909779	.5216483	1.674731	.1311110

#1	1.234843	.0036359	.0262762	12.54320	-.055022	.1294996
#2	1.232544	.0036692	.0261846	12.43216	-.054535	.1293505
#3	1.232949	.0037738	.0258355	12.42901	-.053262	.1296893

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9208683	340.2954	F 214.8312	3.291830	.0658520	.4017443
Stddev	.0027695	.7794	2.0982	.008874	.0012765	.0009356
%RSD	.3007445	.2290365	.9766783	.2695712	1.938412	.2328710

#1	.9240592	340.7403	215.8994	3.301337	.0644827	.4015015
#2	.9190900	339.3954	216.1803	3.290388	.0670091	.4009540
#3	.9194557	340.7504	212.4138	3.283766	.0660643	.4027773

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.298638	.6906657	2.976980	16.76281	10.90223	.0283906
Stddev	.199960	.0129143	.005561	.06211	.00277	.0042007
%RSD	66.95711	1.869827	.1868094	.3705004	.0253644	14.79601

#1	-.274935	.6994445	2.972498	16.80080	10.90480	.0262893
#2	-.111587	.6758371	2.975239	16.79649	10.90257	.0256553
#3	-.509393	.6967156	2.983204	16.69114	10.89930	.0332273

Sample Name: K2934-17 Acquired: 05/28/2019 14:51:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA041 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1174872	13.52302	3.171409	.0084691	.2392409	.0044769
Stddev	.0005819	.01227	.018163	.0001484	.0015509	.0003617
%RSD	.4953188	.0907104	.5727252	1.752524	.6482473	8.079514

#1	.1178602	13.52478	3.168230	.0083104	.2377496	.0044035
#2	.1177847	13.50997	3.190952	.0086044	.2408451	.0048697
#3	.1168166	13.53432	3.155045	.0084925	.2391280	.0041575

Elem	Sr4077
Units	ppm
Avg	1.770410
Stddev	.000670
%RSD	.0378204

#1	1.769649
#2	1.770673
#3	1.770908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.127	2448.727	54245.31	12762.08	2774.024
Stddev	9.205	5.228	208.53	67.60	2.809
%RSD	.3689286	.2135163	.3844159	.5296670	.1012668

#1	2488.600	2448.475	54320.35	12738.46	2773.596
#2	2491.125	2443.628	54405.93	12709.46	2771.453
#3	2505.656	2454.076	54009.64	12838.32	2777.023

Sample Name: K2934-18 Acquired: 05/28/2019 14:55:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.508129	.0694886	4.448200	-.054313	.0717459	8.817139
Stddev	.006929	.0018012	.008922	.001736	.0011235	.010303
%RSD	.2762581	2.592154	.2005689	3.196781	1.565989	.1168489

#1	2.502948	.0684118	4.458041	-.055156	.0717678	8.822443
#2	2.505439	.0684859	4.445916	-.052316	.0728583	8.805265
#3	2.516000	.0715681	4.440642	-.055467	.0706115	8.823708

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.460447	-.000167	.0233870	17.15376	-.069102	.1154887
Stddev	.002919	.000181	.0003283	.05024	.000166	.0007469
%RSD	.1186316	108.4297	1.403607	.2928715	.2405790	.6467029

#1	2.457336	-.000182	.0237657	17.09580	-.069246	.1160709
#2	2.460877	.000021	.0231839	17.18483	-.068920	.1157486
#3	2.463126	-.000340	.0232113	17.18066	-.069141	.1146466

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8390216	411.7384	F 221.8864	2.456419	.0645067	.5645963
Stddev	.0021440	.7355	.8854	.010238	.0011607	.0019024
%RSD	.2555323	.1786238	.3990435	.4167758	1.799376	.3369553

#1	.8414940	410.8941	221.5614	2.460201	.0632565	.5636028
#2	.8376764	412.0814	221.2093	2.444829	.0647135	.5667899
#3	.8378944	412.2397	222.8883	2.464228	.0655502	.5633964

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.00784	.9929347	4.677219	18.80070	12.18860	.0384006
Stddev	.11178	.0181293	.023553	.04580	.03782	.0016038
%RSD	11.09126	1.825831	.5035602	.2436212	.3103049	4.176556

#1	-1.13692	.9749784	4.654829	18.77951	12.18308	.0383191
#2	-.94320	1.011232	4.701783	18.85327	12.15384	.0400436
#3	-.94341	.992594	4.675045	18.76934	12.22888	.0368390

Sample Name: K2934-18 Acquired: 05/28/2019 14:55:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA042 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1604366	10.71817	4.095948	.0063324	.0542886	-.003963
Stddev	.0005760	.01136	.005884	.0003848	.0010070	.001187
%RSD	.3590215	.1059640	.1436510	6.075861	1.854829	29.95271
#1	.1605154	10.71810	4.091323	.0059066	.0535314	-.005254
#2	.1609692	10.72956	4.102570	.0066550	.0539030	-.003717
#3	.1598253	10.70684	4.093950	.0064357	.0554314	-.002918

Elem	Sr4077
Units	ppm
Avg	2.635272
Stddev	.012186
%RSD	.4624217
#1	2.621878
#2	2.638233
#3	2.645704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2242.370	2217.671	48966.17	11546.80	2787.096
Stddev	3.283	3.662	177.68	30.12	3.958
%RSD	.1464245	.1651265	.3628640	.2608923	.1419985
#1	2240.446	2214.689	48970.44	11512.19	2782.644
#2	2240.504	2216.566	48786.39	11567.17	2788.430
#3	2246.161	2221.758	49141.68	11561.03	2790.215

Sample Name: K2934-20 Acquired: 05/28/2019 15:04:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA045 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.869019	.0326323	5.026477	-.031389	.0426285	20.97995
Stddev	.006652	.0017960	.009660	.002244	.0017936	.05988
%RSD	.3558827	5.503761	.1921847	7.149097	4.207586	.2854378

#1	1.876696	.0313202	5.017987	-.028896	.0411185	20.93192
#2	1.865357	.0318976	5.024456	-.032025	.0421559	21.04705
#3	1.865003	.0346792	5.036988	-.033247	.0446111	20.96087

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5152957	-.001899	.0201827	7.437000	-.028653	.0373349
Stddev	.0008155	.000039	.0001753	.017750	.000541	.0004358
%RSD	.1582630	2.047948	.8684923	.2386761	1.888306	1.167193

#1	.5150880	-.001944	.0203846	7.454141	-.029224	.0376828
#2	.5146040	-.001872	.0200946	7.438162	-.028148	.0374760
#3	.5161949	-.001882	.0200690	7.418697	-.028587	.0368461

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5795682	138.0568	F 182.9161	5.187352	.0285946	.4066408
Stddev	.0013106	.4842	.7868	.033007	.0007078	.0022234
%RSD	.2261329	.3507346	.4301170	.6363055	2.475373	.5467639

#1	.5786393	137.4979	183.6804	5.149780	.0279305	.4081997
#2	.5789980	138.3500	182.9592	5.211684	.0285142	.4076278
#3	.5810673	138.3226	182.1086	5.200592	.0293393	.4040948

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.136931	.0565338	4.270074	15.30354	3.426615	.0092713
Stddev	.088028	.0057951	.001375	.05547	.014553	.0018447
%RSD	64.28647	10.25073	.0321897	.3624411	.4247072	19.89711

#1	-.238510	.0628408	4.271644	15.33543	3.409817	.0073577
#2	-.082961	.0514437	4.269493	15.23949	3.435409	.0094179
#3	-.089321	.0553171	4.269086	15.33570	3.434620	.0110384

Sample Name: K2934-20 Acquired: 05/28/2019 15:04:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1780636	5.612617	3.296017	.0044529	.7633734	.0154983
Stddev	.0004235	.020194	.003773	.0005852	.0029486	.0015686
%RSD	.2378248	.3598030	.1144600	13.14274	.3862646	10.12118

#1	.1783970	5.589986	3.300175	.0049241	.7638328	.0172407
#2	.1775871	5.628799	3.295064	.0037978	.7660654	.0141986
#3	.1782067	5.619068	3.292812	.0046369	.7602221	.0150555

Elem	Sr4077
Units	ppm
Avg	1.156548
Stddev	.001242
%RSD	.1073695

#1	1.155256
#2	1.156656
#3	1.157732

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.410	2044.864	45041.00	10756.25	2806.133
Stddev	6.325	3.964	163.70	39.86	4.441
%RSD	.3031379	.1938346	.3634515	.3706042	.1582568

#1	2079.795	2046.483	44939.26	10712.16	2811.083
#2	2087.038	2047.763	44953.90	10766.84	2804.820
#3	2092.398	2040.348	45229.83	10789.75	2802.497

Sample Name: K2934-19 Acquired: 05/28/2019 15:00:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.383813	.2427674	13.36019	-.082549	.1111375	8.248301
Stddev	.010487	.0096576	.01229	.002247	.0018088	.014552
%RSD	.1947838	3.978109	.0920198	2.722534	1.627524	.1764301

#1	5.390397	.2370953	13.37385	-.083107	.1127009	8.237739
#2	5.371720	.2372884	13.35001	-.080075	.1091564	8.264900
#3	5.389321	.2539184	13.35672	-.084465	.1115551	8.242263

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5458320	-.013427	.0753552	13.35721	-.089014	.0618680
Stddev	.0020473	.000164	.0005194	.15897	.000730	.0008720
%RSD	.3750841	1.222732	.6893151	1.190136	.8206161	1.409440

#1	.5442567	-.013368	.0759036	13.23123	-.089687	.0622021
#2	.5450931	-.013613	.0748706	13.53582	-.089117	.0625236
#3	.5481462	-.013302	.0752915	13.30459	-.088237	.0608784

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.333185	511.7701	F 523.1786	.8091200	.0511875	1.131261
Stddev	.006204	1.2979	2.1123	.0212630	.0007498	.003377
%RSD	.4653633	.2536134	.4037501	2.627914	1.464868	.2985582

#1	1.326080	510.5458	524.5956	.8098207	.0514223	1.133226
#2	1.337532	513.1309	524.1896	.7875154	.0517919	1.133195
#3	1.335943	511.6337	520.7508	.8300240	.0503484	1.127361

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.246703	-.485193	15.81187	35.33762	8.143775	-.015454
Stddev	.208023	.043203	.08284	.09988	.015276	.009208
%RSD	84.32139	8.904275	.5238845	.2826487	.1875812	59.57920

#1	-.138532	-.521888	15.76107	35.24191	8.134097	-.024896
#2	-.486524	-.496114	15.76708	35.44121	8.161386	-.014967
#3	-.115052	-.437578	15.90746	35.32973	8.135843	-.006500

Sample Name: K2934-19 Acquired: 05/28/2019 15:00:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA043 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6205505	46.19321	5.445819	.0047710	.1747918	-.005369
Stddev	.0004801	.17640	.025866	.0008299	.0008528	.000943
%RSD	.0773619	.3818851	.4749728	17.39450	.4878703	17.56202
#1	.6202775	46.05027	5.467674	.0038154	.1753437	-.005872
#2	.6202692	46.39035	5.452522	.0051869	.1752221	-.005953
#3	.6211049	46.13900	5.417261	.0053108	.1738096	-.004281

Elem	Sr4077
Units	ppm
Avg	5.278325
Stddev	.060345
%RSD	1.143267
#1	5.222355
#2	5.270364
#3	5.342256

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.892	2197.118	47547.51	11171.83	2757.548
Stddev	4.628	2.953	65.01	36.86	1.232
%RSD	.2093076	.1343877	.1367180	.3299467	.0446843
#1	2215.598	2195.086	47602.38	11158.54	2756.131
#2	2210.731	2200.505	47475.72	11143.46	2758.150
#3	2206.347	2195.763	47564.45	11213.50	2758.364

Sample Name: K2934-22 Acquired: 05/28/2019 15:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.106163	.0336688	7.900832	-.023601	.0724049	9.759053
Stddev	.005465	.0030818	.015764	.001525	.0022493	.075339
%RSD	.4940618	9.153333	.1995248	6.462210	3.106632	.7719945

#1	1.112247	.0343232	7.917476	-.022807	.0726798	9.672098
#2	1.104570	.0303123	7.886127	-.025359	.0745041	9.804781
#3	1.101671	.0363708	7.898892	-.022637	.0700307	9.800282

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8215453	.0055200	.0190155	8.506098	-.005919	.0619016
Stddev	.0032192	.0000712	.0001343	.113490	.000528	.0001252
%RSD	.3918501	1.289637	.7063305	1.334222	8.918599	.2022998

#1	.8182919	.0054753	.0191626	8.375229	-.005477	.0618454
#2	.8247292	.0054826	.0189846	8.565627	-.006504	.0620450
#3	.8216147	.0056020	.0188994	8.577439	-.005776	.0618143

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.085884	174.1241	F 70.75282	1.757738	.0346839	.6860922
Stddev	.004615	1.3468	.97829	.005593	.0006355	.0007754
%RSD	.4249590	.7734674	1.382683	.3182191	1.832318	.1130176

#1	1.080561	172.5874	69.64455	1.759780	.0340172	.6852619
#2	1.088322	174.6856	71.11765	1.751410	.0347519	.6867975
#3	1.088767	175.0992	71.49627	1.762023	.0352828	.6862173

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.441077	.5707203	3.860260	7.377109	4.324664	.0138321
Stddev	.143179	.0073248	.021825	.078765	.010453	.0027644
%RSD	32.46133	1.283437	.5653845	1.067689	.2416983	19.98523

#1	-.551809	.5622624	3.840646	7.299290	4.336422	.0108157
#2	-.492031	.5749579	3.856361	7.375250	4.321146	.0162446
#3	-.279390	.5749408	3.883772	7.456787	4.316425	.0144362

Sample Name: K2934-22 Acquired: 05/28/2019 15:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA048 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0684367	4.307713	5.059791	.0049409	.0805086	-.000868
Stddev	.0001682	.004777	.025761	.0014055	.0008264	.001954
%RSD	.2458340	.1108903	.5091254	28.44577	1.026521	225.1546

#1	.0685749	4.307363	5.047698	.0055900	.0796592	-.001275
#2	.0682493	4.303120	5.089374	.0059046	.0813099	-.002586
#3	.0684859	4.312654	5.042302	.0033282	.0805566	.001258

Elem	Sr4077
Units	ppm
Avg	.6551708
Stddev	.0018994
%RSD	.2899036

#1	.6529845
#2	.6561126
#3	.6564152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2741.219	2686.711	60146.05	14197.31	2834.177
Stddev	11.939	4.156	275.90	20.34	5.250
%RSD	.4355342	.1547048	.4587170	.1432496	.1852303

#1	2737.553	2682.507	60301.24	14217.29	2828.603
#2	2754.561	2686.808	60309.40	14198.00	2834.900
#3	2731.543	2690.818	59827.50	14176.63	2839.027

Sample Name: K2934-21 Acquired: 05/28/2019 15:08:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.016289	.0434258	3.684025	-.029605	.0467986	47.07643
Stddev	.005177	.0025717	.001894	.001244	.0010005	.09908
%RSD	.2567528	5.921971	.0514157	4.202320	2.137893	.2104708

#1	2.021458	.0434641	3.683417	-.028355	.0471343	47.13170
#2	2.016305	.0459780	3.682509	-.029618	.0475881	47.13554
#3	2.011104	.0408352	3.686148	-.030843	.0456734	46.96204

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.438214	.0012302	.0227681	17.70941	.0011974	.0748416
Stddev	.001680	.0000587	.0001360	.08070	.0007586	.0002742
%RSD	.1168410	4.768361	.5971100	.4557020	63.35426	.3664192

#1	1.438797	.0012519	.0228394	17.80189	.0004216	.0748326
#2	1.439525	.0011638	.0228535	17.65328	.0012329	.0751203
#3	1.436319	.0012750	.0226113	17.67305	.0019375	.0745720

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.248175	180.5612	F 141.5526	13.39833	.0608978	.2110770
Stddev	.004095	.6726	.4354	.07857	.0006261	.0002482
%RSD	.3280744	.3725211	.3075615	.5864515	1.028101	.1175694

#1	1.251177	181.3241	142.0474	13.48679	.0611821	.2110738
#2	1.243510	180.3060	141.2282	13.37158	.0613313	.2108304
#3	1.249837	180.0535	141.3823	13.33662	.0601800	.2113267

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.161896	.2249467	3.379934	21.40231	6.648994	.0187977
Stddev	.114584	.0043787	.005418	.05617	.002431	.0012262
%RSD	70.77624	1.946572	.1602957	.2624249	.0365676	6.523008

#1	-.292677	.2286523	3.381114	21.41045	6.651724	.0194826
#2	-.079134	.2201148	3.374024	21.34253	6.648198	.0173821
#3	-.113877	.2260729	3.384665	21.45397	6.647061	.0195285

Sample Name: K2934-21 Acquired: 05/28/2019 15:08:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA046 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0708127	4.351475	6.292600	.0149127	2.013457	.0526283
Stddev	.0002202	.003002	.029451	.0007966	.007513	.0021464
%RSD	.3109466	.0689948	.4680230	5.341475	.3731382	4.078321
#1	.0708577	4.354028	6.306901	.0151386	2.019836	.0544274
#2	.0710070	4.348167	6.312170	.0140276	2.015360	.0532050
#3	.0705735	4.352230	6.258730	.0155720	2.005176	.0502526

Elem	Sr4077
Units	ppm
Avg	.7423104
Stddev	.0004068
%RSD	.0548030
#1	.7418453
#2	.7424863
#3	.7425998

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.009	2184.880	48593.31	11460.11	2804.145
Stddev	5.246	.313	197.25	27.06	4.640
%RSD	.2342109	.0143071	.4059242	.2361481	.1654629
#1	2243.374	2185.232	48690.09	11440.48	2800.123
#2	2242.690	2184.637	48723.48	11448.87	2803.089
#3	2233.964	2184.770	48366.36	11490.98	2809.221

Sample Name: K2936-02 Acquired: 05/28/2019 15:27:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA047D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.532662	.0359390	1.850318	-.029696	.0257505	26.17386
Stddev	.006467	.0018748	.003751	.000018	.0003230	.05947
%RSD	.4219612	5.216639	.2027206	.0606830	1.254293	.2272005

#1	1.532164	.0367322	1.850013	-.029685	.0259251	26.22458
#2	1.539363	.0337980	1.854212	-.029687	.0259486	26.18859
#3	1.526458	.0372869	1.846728	-.029717	.0253778	26.10841

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5453579	-.000038	.0132992	9.821994	-.016130	.0439555
Stddev	.0009618	.000008	.0000685	.086586	.000556	.0002450
%RSD	.1763656	22.26425	.5152801	.8815566	3.446004	.5573596

#1	.5462861	-.000029	.0133392	9.865797	-.015898	.0436795
#2	.5443657	-.000046	.0132201	9.877927	-.016764	.0441472
#3	.5454220	-.000038	.0133383	9.722258	-.015727	.0440397

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5780349	158.8210	F 135.8510	7.614923	.0393484	.1778836
Stddev	.0037249	.3642	.3113	.060876	.0006538	.0004096
%RSD	.6444052	.2293337	.2291637	.7994342	1.661498	.2302867

#1	.5819123	159.0256	135.9350	7.637947	.0387721	.1774491
#2	.5744840	159.0370	136.1116	7.660930	.0400588	.1779389
#3	.5777084	158.4005	135.5062	7.545893	.0392142	.1782627

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.355526	.1866873	2.536480	19.75750	5.045223	.0099535
Stddev	.073867	.0023940	.029425	.07638	.008443	.0015075
%RSD	20.77671	1.282361	1.160086	.3865784	.1673550	15.14514

#1	-.270235	.1891052	2.525863	19.67547	5.053316	.0109989
#2	-.397533	.1843180	2.513837	19.77047	5.045884	.0106362
#3	-.398810	.1866386	2.569741	19.82657	5.036468	.0082255

Sample Name: K2936-02 Acquired: 05/28/2019 15:27:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA047D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0861848	12.01459	3.175176	.0227131	1.333155	.0196508
Stddev	.0003551	.01865	.034079	.0005458	.000814	.0003393
%RSD	.4119836	.1552302	1.073288	2.403120	.0610291	1.726618

#1	.0858305	12.00140	3.200247	.0222666	1.332646	.0195651
#2	.0861834	12.00645	3.188907	.0225511	1.334093	.0193626
#3	.0865406	12.03593	3.136373	.0233216	1.332725	.0200247

Elem	Sr4077
Units	ppm
Avg	.7382384
Stddev	.0007236
%RSD	.0980228

#1	.7374293
#2	.7384624
#3	.7388236

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.557	2163.628	47888.04	11303.25	2825.582
Stddev	6.474	2.763	162.71	83.29	3.325
%RSD	.2939268	.1276852	.3397798	.7368838	.1176837

#1	2209.645	2166.818	48072.09	11296.65	2826.743
#2	2201.071	2162.065	47763.30	11223.45	2828.171
#3	2196.956	2162.001	47828.74	11389.64	2821.831

Sample Name: K2936-03 Acquired: 05/28/2019 15:31:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA047S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.591201	.1630002	1.863002	-.009427	.2359564	29.82432
Stddev	.001276	.0038107	.002827	.001627	.0014833	.10284
%RSD	.0802048	2.337857	.1517681	17.25454	.6286436	.3448316

#1	1.592560	.1643393	1.860165	-.010960	.2355272	29.84686
#2	1.590029	.1659606	1.865820	-.007720	.2376070	29.71207
#3	1.591014	.1587007	1.863023	-.009600	.2347350	29.91402

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.088809	.1117777	.1527977	9.793108	.4550261	1.409167
Stddev	.006579	.0015873	.0003116	.107480	.0018349	.003337
%RSD	.1292894	1.420083	.2039386	1.097505	.4032577	.2368000

#1	5.084771	.1129029	.1524462	9.831003	.4569763	1.408190
#2	5.096401	.1099620	.1530402	9.671813	.4533337	1.412884
#3	5.085255	.1124680	.1529066	9.876507	.4547683	1.406428

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.032899	157.8204	F 133.2446	7.441916	1.419100	.2870043
Stddev	.005899	1.2303	2.1555	.046231	.002171	.0021286
%RSD	.5710829	.7795278	1.617709	.6212234	.1529590	.7416548

#1	1.031259	158.2701	132.7697	7.443272	1.418257	.2858021
#2	1.027994	156.4286	131.3662	7.395023	1.421566	.2894620
#3	1.039444	158.7625	135.5980	7.487455	1.417478	.2857488

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1201052	1.308709	3.585305	19.55415	4.953136	.0097973
Stddev	.1124753	.013160	.035210	.04888	.008199	.0009624
%RSD	93.64731	1.005593	.9820555	.2499686	.1655396	9.823105

#1	.0029282	1.308285	3.566242	19.54371	4.943668	.0108484
#2	.1301875	1.295765	3.625936	19.51132	4.957830	.0095839
#3	.2271999	1.322075	3.563737	19.60740	4.957909	.0089594

Sample Name: K2936-03 Acquired: 05/28/2019 15:31:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA047S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0844356	11.79614	3.192635	.0239157	1.318829	.0210492
Stddev	.0006316	.05090	.036745	.0004627	.008343	.0012204
%RSD	.7480170	.4314981	1.150928	1.934765	.6326130	5.797886
#1	.0837086	11.76127	3.213726	.0236121	1.319041	.0223314
#2	.0847489	11.85455	3.150206	.0244482	1.310381	.0199017
#3	.0848493	11.77261	3.213973	.0236866	1.327063	.0209144

Elem	Sr4077
Units	ppm
Avg	.7249195
Stddev	.0006778
%RSD	.0934956
#1	.7243475
#2	.7256681
#3	.7247429

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2173.956	2141.219	47459.36	11246.23	2811.311
Stddev	19.343	1.794	281.79	69.95	7.017
%RSD	.8897616	.0837755	.5937492	.6220089	.2496046
#1	2191.078	2139.677	47560.69	11240.80	2814.061
#2	2152.974	2140.792	47140.92	11318.74	2803.336
#3	2177.817	2143.188	47676.47	11179.15	2816.537

Sample Name: K2936-04 Acquired: 05/28/2019 15:39:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6455797	.0073631	.7526593	-.009373	.0075478	61.37313	1.504189
Stddev	.0059104	.0001179	.0018691	.001007	.0003092	.30348	.002824
%RSD	.9155235	1.601108	.2483353	10.74774	4.097020	.4944864	.1877484

#1	.6423700	.0074792	.7521125	-.008444	.0075683	61.10581	1.507189
#2	.6524006	.0072435	.7511246	-.010444	.0072288	61.70302	1.503794
#3	.6419686	.0073666	.7547408	-.009231	.0078462	61.31056	1.501583

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048330	.0153356	20.28973	.0518750	.0562569	.9705220	124.7316
Stddev	.0001298	.0001541	.25715	.0011506	.0003691	.0076038	1.1218
%RSD	2.686581	1.004746	1.267409	2.217980	.6560693	.7834770	.8994080

#1	.0046878	.0154155	20.04669	.0513121	.0559131	.9619824	123.8352
#2	.0049379	.0154332	20.55899	.0511143	.0562106	.9730244	125.9896
#3	.0048732	.0151579	20.26352	.0531987	.0566469	.9765593	124.3699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.759858	19.77675	.0543461	.0255143	-.379379	.2425620	.8517870
Stddev	.071722	.19943	.0005930	.0002979	.128378	.0046955	.0077549
%RSD	1.060995	1.008402	1.091075	1.167565	33.83891	1.935806	.9104290

#1	6.697354	19.60271	.0545972	.0256829	-.401179	.2382116	.8606983
#2	6.838163	19.99436	.0547722	.0251704	-.241498	.2475396	.8465698
#3	6.744057	19.73319	.0536689	.0256897	-.495462	.2419348	.8480929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.57117	5.883574	.0174439	.0088305	1.255873	14.88854	.0170497
Stddev	.10954	.016186	.0023404	.0005714	.003430	.14728	.0005186
%RSD	.5898384	.2751002	13.41689	6.470398	.2731002	.9891954	3.041460

#1	18.44615	5.899884	.0198553	.0088412	1.252609	14.72236	.0176364
#2	18.65031	5.867516	.0172948	.0093964	1.259448	15.00293	.0166526
#3	18.61705	5.883322	.0151816	.0082538	1.255561	14.94032	.0168601

Sample Name: K2936-04 Acquired: 05/28/2019 15:39:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA049 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.294224	.0707703	.1669763
Stddev	.022040	.0023078	.0002957
%RSD	.6690503	3.260958	.1770715

#1	3.274572	.0681242	.1668788
#2	3.318054	.0723664	.1673084
#3	3.290047	.0718204	.1667417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.936	2006.049	44706.66	10670.05	2842.281
Stddev	9.606	2.323	177.97	115.72	2.539
%RSD	.4683933	.1157925	.3980757	1.084509	.0893342

#1	2041.559	2003.925	44899.09	10799.79	2839.451
#2	2050.493	2005.692	44548.00	10577.50	2843.031
#3	2060.756	2008.530	44672.88	10632.86	2844.361

Sample Name: K2936-01LX5 Acquired: 05/28/2019 15:35:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA047L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3849748	.0024646	.3858124	-.004510	.0043681	6.289365
Stddev	.0033361	.0013748	.0012703	.001272	.0009724	.032541
%RSD	.8665806	55.78045	.3292638	28.20888	22.26117	.5174037

#1	.3882862	.0029214	.3868053	-.005617	.0035771	6.251951
#2	.3850238	.0009196	.3843809	-.004792	.0054537	6.305056
#3	.3816145	.0035527	.3862509	-.003120	.0040734	6.311087

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1313443	.0000057	.0025855	2.334047	-.003988	.0090398
Stddev	.0004112	.0000224	.0000571	.029858	.000595	.0003471
%RSD	.3130510	393.1055	2.207533	1.279232	14.91441	3.839692

#1	.1315423	-.000018	.0026415	2.301070	-.004490	.0086498
#2	.1316191	.000027	.0025875	2.359247	-.003331	.0091547
#3	.1308716	.000008	.0025274	2.341823	-.004143	.0093149

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1393593	36.18888	F 34.07704	1.831823	.0083606	.0419967
Stddev	.0018591	.17674	.23460	.024189	.0001255	.0006904
%RSD	1.334039	.4883800	.6884464	1.320496	1.501377	1.644009

#1	.1372129	35.98496	33.81566	1.806662	.0082648	.0424154
#2	.1404041	36.28363	34.14610	1.854907	.0083143	.0423750
#3	.1404610	36.29803	34.26936	1.833901	.0085027	.0411998

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.381668	.0562138	.6196331	4.660070	1.085185	-.004867
Stddev	.156271	.0045643	.0059124	.070063	.004443	.001050
%RSD	40.94414	8.119483	.9541786	1.503479	.4094467	21.57608

#1	-.302716	.0612596	.6144594	4.580327	1.082447	-.006062
#2	-.561662	.0550090	.6260776	4.688129	1.082796	-.004091
#3	-.280625	.0523727	.6183625	4.711755	1.090311	-.004449

Sample Name: K2936-01LX5 Acquired: 05/28/2019 15:35:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA047L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207483	2.571440	.7777523	.0047598	.3245818	.0022506
Stddev	.0001889	.004399	.0059268	.0004482	.0002744	.0008279
%RSD	.9102496	.1710756	.7620439	9.416596	.0845361	36.78531

#1	.0207182	2.576036	.7764385	.0044156	.3245214	.0022548
#2	.0209504	2.567269	.7725926	.0052666	.3243426	.0014206
#3	.0205764	2.571014	.7842258	.0045972	.3248813	.0030763

Elem	Sr4077
Units	ppm
Avg	.1762584
Stddev	.0007107
%RSD	.4032367

#1	.1754634
#2	.1768324
#3	.1764792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.144	1821.472	40267.55	9544.112	2775.683
Stddev	5.905	.917	119.62	61.016	6.452
%RSD	.3191747	.0503578	.2970732	.6393077	.2324609

#1	1856.961	1820.492	40400.87	9603.093	2774.873
#2	1846.591	1822.310	40232.16	9547.995	2782.502
#3	1846.881	1821.615	40169.61	9481.246	2769.674

Sample Name: K2936-05 Acquired: 05/28/2019 15:43:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396593	.0055311	.0821968	-.005481	-.002759	64.32150	2.853591
Stddev	.0073514	.0008512	.0019117	.002423	.001181	.26080	.004476
%RSD	18.53651	15.38850	2.325745	44.20686	42.80928	.4054669	.1568477

#1	.0326275	.0065025	.0838660	-.005653	-.003463	64.06627	2.848453
#2	.0472933	.0051751	.0801112	-.007813	-.001396	64.31070	2.856640
#3	.0390571	.0049158	.0826131	-.002977	-.003420	64.58754	2.855681

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081397	.0066817	42.29024	.1456511	.0504196	.1311939	89.17392
Stddev	.0000748	.0000969	.25444	.0007907	.0003606	.0010455	.45139
%RSD	.9185304	1.449629	.6016586	.5428942	.7152177	.7969334	.5061876

#1	.0081519	.0067499	42.14420	.1452443	.0502603	.1316586	88.96474
#2	.0080596	.0065708	42.14249	.1465624	.0508324	.1319264	88.86506
#3	.0082077	.0067243	42.58405	.1451466	.0501661	.1299965	89.69195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.914920	42.60297	.1189855	-.007117	.5536775	.1803046	.4648608
Stddev	.021965	.19636	.0001851	.000110	.2721708	.0036686	.0078300
%RSD	.7535468	.4609133	.1555714	1.542569	49.15692	2.034667	1.684370

#1	2.900940	42.48540	.1187773	-.006994	.3236037	.1768803	.4602863
#2	2.903582	42.49386	.1191316	-.007205	.4833054	.1798570	.4739019
#3	2.940237	42.82966	.1190476	-.007152	.8541234	.1841764	.4603943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.18539	3.524839	-.003662	.0017803	.2348322	3.688063	.0079559
Stddev	.03831	.009899	.001578	.0003761	.0053713	.021473	.0008772
%RSD	.1120661	.2808329	43.09776	21.12766	2.287310	.5822284	11.02651

#1	34.17860	3.519233	-.005451	.0016794	.2405442	3.700664	.0070194
#2	34.15093	3.536268	-.002467	.0021967	.2340691	3.663269	.0087586
#3	34.22664	3.519014	-.003068	.0014650	.2298832	3.700256	.0080896

Sample Name: K2936-05 Acquired: 05/28/2019 15:43:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA050 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.648911	.0302755	.2537743
Stddev	.012151	.0003100	.0003155
%RSD	.3330150	1.023842	.1243291

#1	3.636392	.0306269	.2534261
#2	3.649684	.0300408	.2538554
#3	3.660658	.0301588	.2540413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.223	1868.941	41985.77	9893.910	2803.091
Stddev	4.455	.512	163.35	29.170	5.899
%RSD	.2328429	.0273941	.3890526	.2948319	.2104338

#1	1909.134	1868.356	41861.10	9884.796	2807.569
#2	1912.565	1869.153	41925.54	9926.550	2796.407
#3	1917.970	1869.312	42170.69	9870.386	2805.296

Sample Name: K2936-06 Acquired: 05/28/2019 15:47:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438744	.0027117	.0915359	-.003684	-.003472	68.78022	3.107257
Stddev	.0029007	.0008640	.0010075	.001924	.001119	.24115	.003320
%RSD	6.611275	31.86316	1.100622	52.23429	32.22041	.3506067	.1068383

#1	.0425945	.0017916	.0903815	-.005662	-.002941	68.50419	3.103736
#2	.0471949	.0028376	.0922375	-.003569	-.002718	68.88645	3.107707
#3	.0418339	.0035058	.0919887	-.001819	-.004758	68.95001	3.110329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078483	.0073131	45.11895	.1500752	.0541739	.1577975	89.51891
Stddev	.0000497	.0001266	.20320	.0011159	.0001059	.0032181	.26304
%RSD	.6326829	1.730974	.4503548	.7435835	.1954962	2.039401	.2938384

#1	.0079056	.0074320	44.91960	.1497054	.0542874	.1587343	89.24353
#2	.0078224	.0071800	45.11147	.1491911	.0541565	.1542149	89.54562
#3	.0078171	.0073272	45.32579	.1513291	.0540778	.1604433	89.76757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.070395	44.27840	.1245906	-.006969	.8648465	.1859613	.5203410
Stddev	.021893	.22461	.0008191	.000392	.0794599	.0004109	.0011039
%RSD	.7130505	.5072759	.6574022	5.620845	9.187749	.2209611	.2121465

#1	3.047212	44.05306	.1254691	-.006869	.8701449	.1863707	.5213416
#2	3.073254	44.27985	.1238480	-.007401	.9415247	.1855489	.5205247
#3	3.090718	44.50228	.1244547	-.006637	.7828700	.1859645	.5191568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.60178	3.765876	-.001569	.0030138	.2699671	3.902599	.0067895
Stddev	.09631	.007298	.001084	.0006352	.0026147	.004118	.0009227
%RSD	.2705099	.1937801	69.09801	21.07516	.9685442	.1055280	13.59062

#1	35.49067	3.758466	-.001109	.0034275	.2697466	3.907042	.0074457
#2	35.65339	3.773056	-.002808	.0022825	.2674697	3.898910	.0071884
#3	35.66128	3.766107	-.000791	.0033315	.2726852	3.901845	.0057344

Sample Name: K2936-06 Acquired: 05/28/2019 15:47:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.381712	.0317013	.2830332
Stddev	.010915	.0005921	.0004598
%RSD	.3227740	1.867706	.1624674

#1	3.369186	.0317065	.2825081
#2	3.386760	.0311066	.2832275
#3	3.389189	.0322908	.2833640

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.031	1859.258	41613.99	9878.035	2776.178
Stddev	13.314	6.106	123.04	38.111	2.245
%RSD	.7032928	.3284166	.2956695	.3858161	.0808621

#1	1896.869	1861.474	41755.69	9916.481	2778.406
#2	1878.220	1863.946	41534.29	9840.267	2776.210
#3	1904.004	1852.353	41551.97	9877.356	2773.917

Sample Name: K2936-08 Acquired: 05/28/2019 15:55:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA061 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.154237	.0225037	3.273411	-.019836	.0055228	10.08262	.1830218
Stddev	.000241	.0024187	.003182	.004030	.0015407	.01389	.0010872
%RSD	.0209054	10.74802	.0972095	20.31773	27.89741	.1377875	.5940318

#1	1.154097	.0231079	3.269884	-.015962	.0052841	10.09439	.1819664
#2	1.154515	.0198402	3.274281	-.024006	.0041154	10.06729	.1829609
#3	1.154098	.0245631	3.276067	-.019538	.0071690	10.08617	.1841382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030588	.0057898	64.27597	-.014626	.0093217	.1749306	259.0092
Stddev	.0000447	.0000989	.42875	.000295	.0003635	.0008671	1.5843
%RSD	1.461840	1.708941	.6670444	2.020043	3.899955	.4956731	.6116808

#1	.0030726	.0058289	64.77083	-.014955	.0097022	.1748383	260.8386
#2	.0030949	.0058631	64.04113	-.014383	.0089779	.1741135	258.0866
#3	.0030088	.0056772	64.01595	-.014540	.0092849	.1758402	258.1025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976410	.8349699	.0046323	.1052530	-.839972	.0601060	1.750323
Stddev	.033793	.0272028	.0000662	.0004284	.173835	.0019588	.004730
%RSD	.6790541	3.257942	1.428159	.4070561	20.69533	3.258966	.2702102

#1	5.015287	.8657953	.0046133	.1047587	-1.04052	.0581766	1.755554
#2	4.959866	.8247861	.0045777	.1054824	-.73240	.0620930	1.746350
#3	4.954077	.8143284	.0047059	.1055179	-.74700	.0600482	1.749064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.81448	2.026040	.0396844	.2107412	110.3601	1.519362	.0050265
Stddev	.16333	.006608	.0012004	.0002830	.4046	.012553	.0006109
%RSD	.5300586	.3261516	3.024829	.1342905	.3666030	.8262112	12.15349

#1	30.93267	2.018822	.0398490	.2104178	109.9066	1.533145	.0044911
#2	30.62810	2.031792	.0407939	.2109436	110.6839	1.516355	.0048963
#3	30.88267	2.027506	.0384101	.2108623	110.4899	1.508584	.0056919

Sample Name: K2936-08 Acquired: 05/28/2019 15:55:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA061 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0684424	-.000344	.1006142
Stddev	.0004655	.002103	.0004445
%RSD	.6801095	610.9982	.4418048

#1	.0679075	.000450	.1007936
#2	.0686641	.001246	.1001080
#3	.0687556	-.002729	.1009410

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.936	1799.007	40286.13	9514.839	2828.279
Stddev	8.010	2.805	129.40	58.494	2.553
%RSD	.4382157	.1559055	.3212082	.6147649	.0902590

#1	1818.688	1797.306	40198.70	9449.110	2830.430
#2	1832.661	1797.471	40224.90	9561.170	2825.458
#3	1832.461	1802.245	40434.78	9534.237	2828.949

Sample Name: K2936-07 Acquired: 05/28/2019 15:51:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.631980	.0194341	.5244369	-.011503	.0034618	25.07610
Stddev	.005148	.0014764	.0025644	.001035	.0007016	.06252
%RSD	.3154747	7.596888	.4889717	8.994954	20.26576	.2493200

#1	1.633267	.0179911	.5239457	-.012680	.0027602	25.01516
#2	1.626311	.0193694	.5272113	-.010737	.0041634	25.07305
#3	1.636363	.0209417	.5221537	-.011092	.0034619	25.14009

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1531950	.0042233	.0068059	37.28229	-.009652	.1017275
Stddev	.0010876	.0000907	.0001115	.11274	.000636	.0001982
%RSD	.7099597	2.147642	1.638626	.3024057	6.587027	.1948340

#1	.1524291	.0041191	.0069003	37.15577	-.009011	.1019548
#2	.1544399	.0042846	.0068344	37.31898	-.009661	.1015906
#3	.1527161	.0042662	.0066828	37.37211	-.010283	.1016371

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4120900	169.7775	F 57.44339	6.906704	.0606448	.0221104
Stddev	.0017432	.2658	.42890	.032766	.0005821	.0002152
%RSD	.4230074	.1565634	.7466396	.4744105	.9599074	.9732888

#1	.4141013	169.5273	57.08691	6.886792	.0612466	.0219127
#2	.4110162	170.0565	57.32390	6.944521	.0606033	.0223396
#3	.4111525	169.7486	57.91936	6.888798	.0600845	.0220790

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.581816	.2807271	1.088466	17.13478	8.300631	.0120530
Stddev	.322588	.0028765	.004654	.06004	.016539	.0024172
%RSD	55.44505	1.024652	.4275329	.3504013	.1992559	20.05467

#1	-.472496	.2835898	1.088142	17.06747	8.292756	.0112021
#2	-.328093	.2778370	1.083982	17.18282	8.289501	.0101763
#3	-.944859	.2807544	1.093273	17.15404	8.319637	.0147806

Sample Name: K2936-07 Acquired: 05/28/2019 15:51:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0657886	3.141735	2.823981	.0048879	.0477871	.0066226
Stddev	.0000717	.011810	.023215	.0009817	.0009297	.0005674
%RSD	.1089677	.3759125	.8220541	20.08363	1.945497	8.566968
#1	.0658691	3.129061	2.818924	.0050308	.0467137	.0059995
#2	.0657318	3.143713	2.849307	.0057903	.0483410	.0071094
#3	.0657648	3.152431	2.803712	.0038426	.0483066	.0067590

Elem	Sr4077
Units	ppm
Avg	1.127445
Stddev	.002181
%RSD	.1934793
#1	1.125865
#2	1.129934
#3	1.126536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.735	2247.531	50050.65	11831.27	2803.581
Stddev	11.133	8.305	358.96	33.72	6.552
%RSD	.4847293	.3695251	.7172013	.2850426	.2337015
#1	2293.083	2240.328	49714.34	11855.34	2797.597
#2	2309.235	2256.616	50428.63	11792.73	2810.582
#3	2287.887	2245.650	50008.97	11845.75	2802.563

Sample Name: K2936-09 Acquired: 05/28/2019 15:59:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.348674	.0632734	2.854952	-.039254	.0140605	20.60805
Stddev	.003706	.0055462	.000973	.003161	.0011864	.06431
%RSD	.1578067	8.765512	.0340808	8.052098	8.437596	.3120798

#1	2.344439	.0654400	2.854379	-.036910	.0141660	20.57130
#2	2.350259	.0569709	2.854402	-.042849	.0128249	20.57053
#3	2.351325	.0674093	2.856075	-.038003	.0151905	20.68231

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.94109	-.006248	.0287391	11.15062	-.043715	.0779429
Stddev	.11386	.000009	.0001161	.04450	.001081	.0003197
%RSD	1.040694	.1421129	.4040216	.3990872	2.472033	.4102420

#1	10.89664	-.006258	.0286069	11.13560	-.042580	.0775905
#2	11.07047	-.006243	.0288245	11.11558	-.044732	.0782145
#3	10.85615	-.006242	.0287859	11.20069	-.043831	.0780238

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7677940	142.9254	F 285.7736	7.203337	.0653733	.1698112
Stddev	.0038427	.1691	3.6545	.058281	.0004135	.0005518
%RSD	.5004828	.1182988	1.278802	.8090834	.6325812	.3249494

#1	.7669196	142.8204	283.1087	7.157981	.0650480	.1703589
#2	.7644639	143.1205	289.9396	7.269071	.0652332	.1692554
#3	.7719985	142.8354	284.2725	7.182960	.0658387	.1698195

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023396	.4282733	5.159725	11.86527	3.897851	.0046804
Stddev	.108407	.0114301	.008802	.03563	.011216	.0015595
%RSD	463.3682	2.668876	.1705993	.3003206	.2877549	33.32043

#1	-.144940	.4263995	5.152148	11.82453	3.890516	.0049263
#2	.063307	.4405245	5.157647	11.88059	3.892274	.0030125
#3	.011446	.4178959	5.169381	11.89068	3.910763	.0061023

Sample Name: K2936-09 Acquired: 05/28/2019 15:59:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA062 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1277362	21.21308	2.918128	.0140152	.3151647	.0164524
Stddev	.0006154	.04851	.014423	.0015030	.0011361	.0013918
%RSD	.4818005	.2286789	.4942515	10.72424	.3604872	8.459618

#1	.1271168	21.24108	2.903307	.0136918	.3152522	.0180214
#2	.1277444	21.15706	2.932117	.0156535	.3139874	.0153665
#3	.1283475	21.24109	2.918960	.0127001	.3162546	.0159693

Elem	Sr4077
Units	ppm
Avg	1.216978
Stddev	.001052
%RSD	.0864826

#1	1.217532
#2	1.215765
#3	1.217638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.091	2056.584	45143.77	10700.52	2807.559
Stddev	7.150	2.273	81.36	58.22	4.410
%RSD	.3423960	.1104990	.1802271	.5441113	.1570597

#1	2095.212	2058.680	45235.83	10757.65	2806.885
#2	2080.913	2056.904	45081.51	10641.26	2812.267
#3	2088.147	2054.169	45113.97	10702.66	2803.525

Sample Name: K2936-10 Acquired: 05/28/2019 16:03:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA063 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.288484	.0173365	3.919038	-.025286	.0055332	12.09370
Stddev	.007459	.0021055	.006729	.000802	.0020311	.04680
%RSD	.3259554	12.14493	.1716876	3.172125	36.70755	.3869933

#1	2.290097	.0197671	3.913716	-.025367	.0077929	12.04439
#2	2.295005	.0161703	3.916798	-.024446	.0049471	12.09921
#3	2.280350	.0160721	3.926601	-.026044	.0038596	12.13751

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542811	.0016186	.0078279	14.98370	-.029911	.0260760
Stddev	.0011504	.0001187	.0000189	.07963	.000328	.0000855
%RSD	2.119325	7.330863	.2407584	.5314593	1.097292	.3280050

#1	.0555537	.0017556	.0078067	14.92575	-.030150	.0260813
#2	.0539747	.0015543	.0078340	14.95084	-.029537	.0259880
#3	.0533149	.0015460	.0078428	15.07450	-.030047	.0261588

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3470935	187.7606	F 75.80560	2.342981	.0148628	.1925532
Stddev	.0021142	.6306	.39298	.003120	.0002014	.0015272
%RSD	.6091042	.3358275	.5184034	.1331506	1.355065	.7931368

#1	.3470120	187.6385	75.74769	2.346258	.0149569	.1932229
#2	.3450212	187.2000	75.44478	2.342636	.0146315	.1908055
#3	.3492472	188.4432	76.22431	2.340048	.0149998	.1936311

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.672966	.0318171	3.760796	22.14708	1.530345	.0201998
Stddev	.172574	.0062899	.043204	.01411	.005344	.0031631
%RSD	25.64384	19.76887	1.148792	.0637255	.3492093	15.65903

#1	-.547103	.0371357	3.729194	22.13997	1.525477	.0229871
#2	-.602104	.0248744	3.743167	22.16333	1.529495	.0208502
#3	-.869691	.0334411	3.810027	22.13793	1.536064	.0167620

Sample Name: K2936-10 Acquired: 05/28/2019 16:03:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA063 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528742	99.98246	1.957181	.0016728	.0117239	.0006705
Stddev	.0003613	.19035	.006569	.0013258	.0005272	.0004948
%RSD	.6833172	.1903808	.3356383	79.25904	4.497051	73.79347
#1	.0529213	100.1806	1.956760	.0010176	.0111263	.0005034
#2	.0532096	99.8010	1.963951	.0031987	.0119221	.0002809
#3	.0524916	99.9657	1.950833	.0008021	.0121233	.0012272

Elem	Sr4077
Units	ppm
Avg	.0746202
Stddev	.0001932
%RSD	.2589431
#1	.0744254
#2	.0748118
#3	.0746233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.206	1921.172	42900.53	10033.60	2837.464
Stddev	23.289	5.220	328.82	64.03	5.476
%RSD	1.187501	.2716937	.7664752	.6381679	.1929908
#1	1973.314	1926.913	42881.41	10052.68	2843.766
#2	1975.946	1916.712	43238.50	10085.92	2834.761
#3	1934.356	1919.891	42581.69	9962.20	2833.865

Sample Name: CCB045 Acquired: 05/28/2019 16:11:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058432	-.000062	.0016446	.0030594	-.002266	.0038231	.0013412
Stddev	.0006969	.000992	.0012617	.0022501	.001555	.0029139	.0003073
%RSD	11.92696	1608.650	76.71971	73.54888	68.60850	76.22008	22.90894

#1	.0063543	.000743	.0015220	.0014063	-.003679	.0036971	.0012411
#2	.0050493	.000242	.0004487	.0056219	-.002520	.0067980	.0016860
#3	.0061259	-.001170	.0029631	.0021499	-.000600	.0009742	.0010965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000539	-.000070	-.000981	.0003385	-.000179	.0006145	-.002327
Stddev	.0000235	.000171	.006972	.0003630	.000163	.0006871	.005097
%RSD	43.55463	245.1168	710.8866	107.2544	90.72659	111.8054	219.0730

#1	.0000741	.000107	-.006687	.0004562	-.000056	-.000176	.003256
#2	.0000282	-.000235	.006791	.0006281	-.000364	.001071	-.006732
#3	.0000593	-.000082	-.003046	-.000069	-.000118	.000948	-.003504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006521	.0002500	.0001187	-.000575	-.190201	.0012542	.0013328
Stddev	.0001997	.0059397	.0000948	.000258	.240703	.0027784	.0003737
%RSD	30.61739	2376.091	79.87130	44.84704	126.5515	221.5314	28.04002

#1	.0008754	-.002488	.0001537	-.000871	-.343516	.0000081	.0015986
#2	.0004906	-.003827	.0000114	-.000396	-.314314	-.000683	.0014943
#3	.0005904	.007065	.0001910	-.000459	.087226	.004437	.0009055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2325485	.0016805	.0039053	.0005489	-.000128	.0000590	-.000413
Stddev	.0106250	.0011444	.0022783	.0002248	.000999	.0004368	.000730
%RSD	4.568929	68.09960	58.33754	40.94953	782.7892	740.4349	176.8630

#1	.2283540	.0014504	.0049052	.0003534	.000296	-.000269	-.000212
#2	.2246611	.0006686	.0055126	.0007945	.000589	-.000108	.000196
#3	.2446305	.0029224	.0012981	.0004989	-.001268	.000555	-.001222

Sample Name: CCB045 Acquired: 05/28/2019 16:11:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB045 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011156	.0032496	.0000420
Stddev	.0002505	.0009895	.0000351
%RSD	22.45793	30.45093	83.59324

#1	.0009654	.0043869	.0000820
#2	.0009766	.0025854	.0000279
#3	.0014049	.0027765	.0000161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1756.280	1716.609	38157.08	8983.300	2712.764
Stddev	2.037	1.927	160.81	38.107	3.606
%RSD	.1159617	.1122813	.4214308	.4241979	.1329118

#1	1754.659	1718.483	38037.27	8997.768	2708.619
#2	1758.566	1716.712	38339.84	8940.078	2715.175
#3	1755.614	1714.632	38094.14	9012.054	2714.498

Sample Name: CCV045 Acquired: 05/28/2019 16:07:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV045 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.520861	4.727416	23.35868	4.507688	4.593669	422.2670
Stddev	.008429	.000581	.02561	.003320	.008931	2.3989
%RSD	.1864537	.0122966	.1096330	.0736558	.1944154	.5680954

#1	4.511243	4.727218	23.35912	4.504656	4.603340	420.0139
#2	4.524375	4.728071	23.33285	4.507173	4.585734	424.7890
#3	4.526964	4.726960	23.38406	4.511236	4.591933	421.9980

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.657595	.4852741	2.378512	427.9828	14.53170	2.409219
Stddev	.011767	.0019022	.001634	3.3599	.00940	.001295
%RSD	.1218450	.3919898	.0687048	.7850466	.0646756	.0537546

#1	9.644425	.4833881	2.376864	425.2078	14.53944	2.410588
#2	9.667077	.4871921	2.378540	431.7183	14.52124	2.409055
#3	9.661281	.4852422	2.380132	427.0223	14.53442	2.408013

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.36056	437.8107	14.58569	424.7823	2.390975	1.224184
Stddev	.03277	3.1976	.11967	2.7909	.000397	.002649
%RSD	.2282282	.7303709	.8204820	.6570194	.0165840	.2164287

#1	14.35046	435.2764	14.47957	422.4251	2.391164	1.226783
#2	14.39720	441.4034	14.71540	427.8640	2.390519	1.224281
#3	14.33402	436.7525	14.56210	424.0579	2.391241	1.221487

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	426.0137	2.431599	14.02056	148.1818	F 4.485346	5.145752
Stddev	2.4487	.018798	.13541	.3273	.005002	.021397
%RSD	.5747964	.7730653	.9657986	.2208749	.1115187	.4158103

#1	423.6701	2.418496	13.98416	148.0611	4.489985	5.131280
#2	428.5555	2.453137	14.17045	147.9320	4.480046	5.170329
#3	425.8154	2.423164	13.90707	148.5523	4.486007	5.135646

Sample Name: CCV045 Acquired: 05/28/2019 16:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.893377	F 4.415811	5.139547	4.963028	5.009142	4.942616
Stddev	.004007	.010260	.017285	.003074	.037161	.040844
%RSD	.0818917	.2323454	.3363165	.0619435	.7418603	.8263588
#1	4.897499	4.405840	5.137037	4.964484	4.987405	4.908797
#2	4.889495	4.415254	5.157950	4.965104	5.052050	4.987993
#3	4.893138	4.426337	5.123654	4.959497	4.987970	4.931057

Elem	Sr4077
Units	ppm
Avg	4.761843
Stddev	.045910
%RSD	.9641156
#1	4.736327
#2	4.734358
#3	4.814843

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1546.230	1490.745	36082.54	8632.476	2440.065
Stddev	3.330	.768	54.86	22.489	1.444
%RSD	.2153456	.0514996	.1520399	.2605153	.0591701
#1	1546.498	1489.867	36043.86	8658.222	2441.531
#2	1542.774	1491.289	36145.33	8622.540	2440.018
#3	1549.417	1491.079	36058.44	8616.667	2438.645

Sample Name: K2936-11 Acquired: 05/28/2019 16:15:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.500177	k .9266376	21.31596	-.037146	k .1169435	6.678717
Stddev	.005819	.0114767	.00832	.000886	.0004640	.027048
%RSD	.1293117	1.238531	.0390397	2.384320	.3967606	.4049908

#1	4.496695	k .9352945	21.32552	-.037290	k .1174350	6.647773
#2	4.496941	k .9136196	21.31204	-.036197	k .1168824	6.690517
#3	4.506895	k .9309986	21.31032	-.037951	k .1165130	6.697860

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0401897	-.029145	.0865321	14.11684	-.100469	.0258005
Stddev	.0002578	.000255	.0001433	.06269	.000171	.0001308
%RSD	.6414060	.8738290	.1655661	.4440817	.1704493	.5070723

#1	.0404120	-.028906	.0866603	14.07996	-.100397	.0258204
#2	.0402501	-.029117	.0865585	14.08133	-.100665	.0259203
#3	.0399071	-.029413	.0863774	14.18922	-.100346	.0256609

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.173708	183.7955	F 600.5645	6.326827	.0135859	k .9073284
Stddev	.004134	.7274	3.5366	.033066	.0000529	.0078988
%RSD	.3522445	.3957538	.5888809	.5226307	.3894813	.8705595

#1	1.168943	183.1855	596.5340	6.298903	.0136322	k .9005717
#2	1.176346	183.6005	603.1488	6.318239	.0135974	k .9160126
#3	1.175834	184.6005	602.0108	6.363340	.0135282	k .9054009

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.600385	^ *****	19.73111	3.564997	k .4365342	k -.005476
Stddev	.138309	----	.12170	.024077	.0051287	.005717
%RSD	23.03672	----	.6167704	.6753675	1.174877	104.4094

#1	-.758210	^ ----	19.79459	3.587756	k .4306511	k .001035
#2	-.500309	^ ----	19.80793	3.567444	k .4388875	k -.009678
#3	-.542636	^ ----	19.59080	3.539790	k .4400639	k -.007784

Sample Name: K2936-11 Acquired: 05/28/2019 16:15:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127598	120.3336	2.010771	-.001267	.0478758	.0039855
Stddev	.0003767	.0718	.020315	.000753	.0008396	.0019299
%RSD	2.952203	.0596720	1.010307	59.45834	1.753630	48.42300

#1	.0123254	120.2552	1.987454	-.000722	.0483338	.0044018
#2	.0129587	120.3495	2.024650	-.002126	.0483868	.0018814
#3	.0129954	120.3962	2.020209	-.000952	.0469068	.0056733

Elem	Sr4077
Units	ppm
Avg	.0846805
Stddev	.0002461
%RSD	.2906311

#1	.0846153
#2	.0849526
#3	.0844736

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.746	2667.466	57334.86	13286.75	2742.186
Stddev	17.858	7.512	309.27	106.06	3.312
%RSD	.6587928	.2816223	.5394110	.7982484	.1207759

#1	2713.594	2662.035	57465.94	13409.03	2739.274
#2	2691.635	2676.039	56981.64	13231.61	2745.789
#3	2727.009	2664.323	57557.00	13219.62	2741.495

Sample Name: K2936-12 Acquired: 05/28/2019 16:20:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7434889	.0115502	1.638659	-.009459	.0447692	69.08185	1.812968
Stddev	.0052587	.0016893	.005754	.000613	.0010485	.22262	.000885
%RSD	.7072977	14.62606	.3511348	6.478881	2.341948	.3222483	.0488167

#1	.7466837	.0097595	1.634082	-.008896	.0436583	69.03791	1.812094
#2	.7374195	.0131155	1.645118	-.009369	.0449082	68.88448	1.812945
#3	.7463633	.0117755	1.636776	-.010112	.0457414	69.32316	1.813864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051291	.0218690	28.55536	.0640151	.0934806	1.272802	150.1168
Stddev	.0001235	.0001211	.22388	.0002826	.0004722	.005052	.8414
%RSD	2.408524	.5535893	.7840216	.4414238	.5051742	.3969547	.5604965

#1	.0052645	.0219089	28.60032	.0643394	.0931832	1.271463	150.0675
#2	.0051004	.0219651	28.31242	.0638218	.0940251	1.268554	149.3011
#3	.0050225	.0217330	28.75335	.0638842	.0932336	1.278389	150.9817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.37357	28.91191	.0745084	.0031020	.3384985	.4209434	1.448435
Stddev	.24095	.20139	.0004430	.0003579	.0673601	.0052646	.009315
%RSD	1.127326	.6965627	.5945440	11.53889	19.89969	1.250665	.6431099

#1	21.42685	28.91068	.0740163	.0027305	.3504877	.4229641	1.440329
#2	21.11044	28.71113	.0748752	.0031307	.2659487	.4149678	1.446364
#3	21.58342	29.11391	.0746338	.0034446	.3990590	.4248983	1.458610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.99483	6.413452	.0256186	.0155164	3.678645	4.796414	.0187113
Stddev	.06902	.007541	.0036252	.0004604	.007347	.008499	.0002784
%RSD	.2301001	.1175858	14.15048	2.967184	.1997163	.1771935	1.487652

#1	30.06985	6.406233	.0240710	.0158801	3.682797	4.788931	.0183901
#2	29.93402	6.421278	.0230241	.0149987	3.682976	4.805654	.0188607
#3	29.98063	6.412845	.0297607	.0156702	3.670162	4.794656	.0188830

Sample Name: K2936-12 Acquired: 05/28/2019 16:20:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA065 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.464806	.0891095	.3316318
Stddev	.017874	.0017781	.0003729
%RSD	.4003216	1.995359	.1124469

#1	4.456233	.0909579	.3320619
#2	4.452834	.0874113	.3314340
#3	4.485352	.0889594	.3313994

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.883	2014.834	45136.24	10619.14	2832.532
Stddev	5.267	2.954	97.09	28.99	2.274
%RSD	.2555866	.1466296	.2151003	.2730172	.0802865

#1	2056.471	2014.690	45035.95	10593.33	2832.800
#2	2059.464	2017.858	45142.99	10613.60	2830.135
#3	2066.715	2011.955	45229.77	10650.51	2834.660

Sample Name: K2936-13 Acquired: 05/28/2019 16:23:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA066 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.236101	.0285371	3.843391	-.004641	.0111202	10.14027
Stddev	.003381	.0027818	.006115	.001306	.0004349	.04852
%RSD	.2735140	9.747964	.1590989	28.13865	3.910882	.4785045

#1	1.238168	.0296883	3.845857	-.005611	.0114564	10.13550
#2	1.237936	.0253645	3.836428	-.005157	.0112750	10.19100
#3	1.232200	.0305586	3.847887	-.003156	.0106290	10.09431

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0607732	.0003688	.0131715	6.432783	-.024464	.0155899
Stddev	.0009847	.0001082	.0001514	.011411	.001128	.0005703
%RSD	1.620372	29.33211	1.149358	.1773862	4.609789	3.658143

#1	.0596500	.0002486	.0132537	6.428221	-.024753	.0152045
#2	.0614882	.0004584	.0129968	6.445769	-.025418	.0153201
#3	.0611815	.0003994	.0132640	6.424359	-.023219	.0162450

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4042827	89.84833	F 100.0278	2.249207	.0089642	.0386617
Stddev	.0044699	.12882	1.1737	.034585	.0004639	.0006045
%RSD	1.105638	.1433725	1.173344	1.537638	5.174818	1.563615

#1	.4047546	89.86968	99.5709	2.233542	.0088649	.0393597
#2	.4084979	89.96514	101.3612	2.288852	.0094697	.0383087
#3	.3995955	89.71017	99.1513	2.225226	.0085580	.0383167

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024523	.0544067	2.938089	9.939658	1.622554	.0050525
Stddev	.1391641	.0015610	.002839	.052951	.002750	.0009207
%RSD	5674.795	2.869039	.0966192	.5327236	.1694760	18.22317

#1	-.153148	.0561732	2.940948	9.878812	1.625569	.0055563
#2	.045496	.0532131	2.938049	9.964873	1.621911	.0056113
#3	.115009	.0538340	2.935271	9.975289	1.620183	.0039898

Sample Name: K2936-13 Acquired: 05/28/2019 16:23:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA066 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1880162	8.046882	1.748393	.0023210	.0505444	.0013566
Stddev	.0002370	.022828	.006940	.0005057	.0008071	.0000941
%RSD	.1260553	.2836842	.3969508	21.78946	1.596716	6.935651

#1	.1880119	8.060576	1.746496	.0019953	.0497252	.0013009
#2	.1882553	8.020530	1.756084	.0029036	.0505693	.0013036
#3	.1877813	8.059541	1.742598	.0020641	.0513387	.0014652

Elem	Sr4077
Units	ppm
Avg	1.003387
Stddev	.002450
%RSD	.2441641

#1	1.000747
#2	1.005587
#3	1.003827

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.771	2156.694	48099.82	11303.01	2823.400
Stddev	7.419	5.116	199.00	47.49	6.565
%RSD	.3363638	.2372061	.4137159	.4201319	.2325165

#1	2209.190	2151.329	47892.69	11357.79	2816.997
#2	2210.864	2161.517	48289.54	11277.77	2830.116
#3	2197.258	2157.236	48117.22	11273.48	2823.088

Sample Name: K2936-14 Acquired: 05/28/2019 16:28:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1826009	.0077534	.9048485	-.017434	.0025876	76.57289	.8773304
Stddev	.0026957	.0030575	.0042851	.001664	.0023359	.21347	.0008616
%RSD	1.476288	39.43391	.4735756	9.545539	90.27263	.2787786	.0982075

#1	.1854601	.0102135	.9052639	-.016643	.0038245	76.40009	.8771896
#2	.1822368	.0043304	.9003708	-.019346	-.000107	76.81152	.8782537
#3	.1801057	.0087163	.9089109	-.016313	.004045	76.50705	.8765479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066727	.0232534	140.2140	.0371414	.0901514	1.172998	149.6065
Stddev	.0000709	.0000338	.6557	.0004085	.0002244	.000375	.4897
%RSD	1.062549	.1452707	.4676250	1.099930	.2489609	.0319369	.3273215

#1	.0067504	.0232160	139.8592	.0371862	.0899193	1.172623	149.2983
#2	.0066560	.0232817	140.9706	.0367123	.0903673	1.173373	150.1711
#3	.0066116	.0232626	139.8121	.0375257	.0901676	1.172997	149.3500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.408006	57.70708	.0778273	-.004142	-.514169	.3254808	1.118237
Stddev	.046625	.28622	.0003086	.000301	.176985	.0027135	.007268
%RSD	.4955919	.4959847	.3964703	7.271707	34.42169	.8336933	.6499706

#1	9.369818	57.57648	.0776737	-.004109	-.718386	.3270021	1.123301
#2	9.459966	58.03531	.0781825	-.004458	-.405330	.3223479	1.109909
#3	9.394234	57.50946	.0776257	-.003858	-.418789	.3270923	1.121500

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.79815	8.715091	.0118840	.0107811	2.991931	6.937647	.0194580
Stddev	.14242	.024537	.0022260	.0005933	.014721	.059954	.0019347
%RSD	.3768024	.2815469	18.73103	5.503470	.4920233	.8641783	9.943197

#1	37.75787	8.711550	.0128366	.0105679	3.008593	6.925269	.0216636
#2	37.95638	8.692517	.0093402	.0114516	2.986511	7.002823	.0180475
#3	37.68021	8.741206	.0134752	.0103238	2.980688	6.884848	.0186628

Sample Name: K2936-14 Acquired: 05/28/2019 16:28:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA067 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.475256	.2546098	.1897423
Stddev	.009995	.0030333	.0003887
%RSD	.2233419	1.191346	.2048472

#1	4.467660	.2525335	.1895138
#2	4.486579	.2580908	.1901910
#3	4.471529	.2532052	.1895219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.316	1967.396	43964.15	10548.91	2790.268
Stddev	9.429	5.034	136.22	58.13	7.533
%RSD	.4704456	.2558474	.3098496	.5510787	.2699912

#1	2001.445	1965.343	43994.84	10553.24	2785.245
#2	2014.847	1963.714	44082.40	10488.74	2786.628
#3	1996.655	1973.132	43815.20	10604.76	2798.930

Sample Name: K2936-15 Acquired: 05/28/2019 16:32:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4240399	-.001734	1.030745	-.005028	.0001682	30.56463	.3918742
Stddev	.0017553	.000207	.004797	.001543	.0016746	.09027	.0003672
%RSD	.4139381	11.94014	.4654385	30.69055	995.5996	.2953312	.0936972

#1	.4234643	-.001959	1.031647	-.005703	-.001750	30.57949	.3920887
#2	.4226447	-.001551	1.025560	-.006118	.001340	30.46786	.3914503
#3	.4260107	-.001694	1.035027	-.003262	.000915	30.64655	.3920838

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042233	.0082157	9.851013	.0155173	.0206666	.6597268	45.51462
Stddev	.0000381	.0000854	.045598	.0000719	.0001967	.0020829	.12655
%RSD	.9025615	1.038950	.4628802	.4636036	.9515357	.3157238	.2780344

#1	.0042670	.0082529	9.864184	.0155538	.0206236	.6574052	45.64624
#2	.0042063	.0081181	9.800279	.0154344	.0208812	.6614316	45.39384
#3	.0041966	.0082762	9.888576	.0155636	.0204950	.6603437	45.50377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.616416	8.093698	.0189300	.0007216	-.312197	.0847514	.4775204
Stddev	.018643	.030056	.0005345	.0001825	.092349	.0013687	.0049839
%RSD	.5155090	.3713459	2.823739	25.29266	29.58026	1.614958	1.043704

#1	3.617245	8.091562	.0183604	.0009125	-.278348	.0834118	.4730143
#2	3.597372	8.064768	.0190089	.0005488	-.416694	.0846949	.4766734
#3	3.634631	8.124765	.0194206	.0007036	-.241549	.0861474	.4828735

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.098339	3.062596	.0034604	.0088136	.7683499	3.123751	.0071554
Stddev	.103983	.008676	.0004063	.0005319	.0003396	.016422	.0007651
%RSD	1.464894	.2832998	11.74116	6.035422	.0442044	.5257020	10.69303

#1	7.151620	3.063952	.0037373	.0092568	.7687252	3.135955	.0075601
#2	6.978514	3.053321	.0036499	.0089604	.7680638	3.105081	.0076332
#3	7.164882	3.070514	.0029940	.0082237	.7682606	3.130217	.0062729

Sample Name: K2936-15 Acquired: 05/28/2019 16:32:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA068 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6262755	.0297890	.0841924
Stddev	.0045053	.0007051	.0002081
%RSD	.7193820	2.367083	.2471321

#1	.6286957	.0305524	.0844287
#2	.6210773	.0296525	.0840366
#3	.6290535	.0291622	.0841119

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.439	2259.278	50594.74	11910.17	2841.586
Stddev	9.674	4.833	166.89	82.05	4.386
%RSD	.4183278	.2139063	.3298632	.6889277	.1543384

#1	2318.348	2260.384	50565.42	11852.24	2840.698
#2	2317.695	2263.463	50774.34	12004.06	2846.347
#3	2301.276	2253.989	50444.44	11874.19	2837.712

Sample Name: K2936-16 Acquired: 05/28/2019 16:36:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8823314	.0093256	1.154754	-.001253	.0027876	17.28132	.4483363
Stddev	.0041750	.0011499	.001567	.001224	.0015671	.02878	.0007046
%RSD	.4731827	12.33006	.1357255	97.68350	56.21566	.1665528	.1571518

#1	.8871523	.0106377	1.155388	-.002594	.0044193	17.24855	.4476967
#2	.8799247	.0084939	1.152970	-.000194	.0026493	17.30251	.4490916
#3	.8799172	.0088451	1.155906	-.000973	.0012943	17.29289	.4482205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041014	.0108576	5.847297	-.000759	.0156307	.6555189	72.36877
Stddev	.0000862	.0000630	.030106	.000278	.0000848	.0019934	.41768
%RSD	2.102425	.5801974	.5148755	36.57987	.5426710	.3040883	.5771526

#1	.0040028	.0109156	5.816898	-.000439	.0156672	.6547670	71.92984
#2	.0041390	.0108667	5.877102	-.000931	.0155338	.6540108	72.41514
#3	.0041625	.0107906	5.847890	-.000907	.0156912	.6577789	72.76133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.904295	2.330313	.0180404	.0475655	-.188201	.0800403	.4684143
Stddev	.041824	.021711	.0004502	.0001448	.209376	.0015845	.0028781
%RSD	.7083677	.9316655	2.495579	.3043932	111.2512	1.979568	.6144408

#1	5.858140	2.327273	.0177606	.0477323	-.394737	.0818647	.4717315
#2	5.939682	2.310283	.0178010	.0474927	.023905	.0790093	.4669313
#3	5.915064	2.353384	.0185598	.0474717	-.193772	.0792468	.4665802

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.772261	1.612053	.0051522	.0522234	8.653050	2.795553	.0075938
Stddev	.030727	.006584	.0003746	.0002390	.024003	.010946	.0009225
%RSD	.3502772	.4084446	7.269747	.4576804	.2773909	.3915540	12.14853

#1	8.755560	1.618252	.0050723	.0524969	8.625349	2.789207	.0086161
#2	8.807722	1.612767	.0055603	.0521191	8.666106	2.789259	.0068232
#3	8.753502	1.605141	.0048241	.0520544	8.667695	2.808192	.0073422

Sample Name: K2936-16 Acquired: 05/28/2019 16:36:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0906256	.0021091	.1563018
Stddev	.0011181	.0005640	.0001322
%RSD	1.233791	26.74106	.0845560

#1	.0893621	.0027308	.1562886
#2	.0910274	.0016303	.1564401
#3	.0914874	.0019662	.1561768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.291	2444.640	54258.29	12697.77	2853.162
Stddev	22.752	2.597	392.30	74.88	3.002
%RSD	.9158460	.1062438	.7230293	.5896707	.1052268

#1	2500.650	2442.343	54654.05	12777.08	2849.793
#2	2458.308	2447.458	53869.54	12628.30	2855.556
#3	2493.916	2444.118	54251.27	12687.92	2854.136

Sample Name: K2936-17 Acquired: 05/28/2019 16:40:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6464979	.0028463	.7010521	-.001337	.0028826	21.11975	.3401558
Stddev	.0036083	.0019685	.0016498	.001243	.0013376	.05881	.0004341
%RSD	.5581311	69.15887	.2353300	92.96879	46.40112	.2784541	.1276128

#1	.6423315	.0050666	.7008533	.000085	.0040189	21.18318	.3405864
#2	.6486092	.0021573	.6995107	-.001877	.0014085	21.06703	.3401628
#3	.6485530	.0013150	.7027922	-.002219	.0032204	21.10903	.3397183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034616	.0048097	4.509810	.0093841	.0101839	.5911784	55.44594
Stddev	.0000311	.0000887	.036185	.0000496	.0000606	.0016401	.39139
%RSD	.8969536	1.844638	.8023645	.5283515	.5954611	.2774295	.7058954

#1	.0034590	.0049110	4.551330	.0093642	.0101163	.5926144	55.83953
#2	.0034319	.0047722	4.484993	.0094405	.0102020	.5893911	55.05678
#3	.0034938	.0047458	4.493108	.0093475	.0102334	.5915296	55.44151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.115315	3.909216	.0130170	-.000150	-.317414	.0643414	.2944813
Stddev	.012129	.017778	.0003179	.000386	.159461	.0010492	.0060615
%RSD	1.087532	.4547709	2.442448	258.1146	50.23737	1.630704	2.058366

#1	1.129137	3.919554	.0127685	-.000589	-.484275	.0636990	.2920894
#2	1.106446	3.888688	.0133753	.000008	-.166561	.0637730	.2899807
#3	1.110361	3.919407	.0129074	.000133	-.301406	.0655522	.3013738

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.020975	1.775082	.0053417	.0359188	3.630081	2.722624	.0078074
Stddev	.010464	.000339	.0009728	.0001114	.010663	.024464	.0014758
%RSD	.1490436	.0190939	18.21127	.3101522	.2937450	.8985325	18.90211

#1	7.031108	1.775473	.0042202	.0358850	3.622182	2.750724	.0061971
#2	7.010208	1.774887	.0059573	.0360432	3.642210	2.711078	.0081297
#3	7.021610	1.774886	.0058477	.0358282	3.625850	2.706070	.0090954

Sample Name: K2936-17 Acquired: 05/28/2019 16:40:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA070 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3147634	.0128242	.0787645
Stddev	.0014519	.0004648	.0002446
%RSD	.4612541	3.624189	.3105614

#1	.3155746	.0129514	.0789437
#2	.3156285	.0123091	.0788640
#3	.3130872	.0132122	.0784858

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.558	2159.339	48042.47	11357.03	2841.728
Stddev	13.818	1.313	55.85	115.27	3.080
%RSD	.6250891	.0608045	.1162514	1.014977	.1083949

#1	2196.692	2158.106	47981.76	11224.60	2839.655
#2	2224.328	2159.193	48053.98	11434.81	2840.261
#3	2210.655	2160.720	48091.67	11411.69	2845.267

Sample Name: K2936-18 Acquired: 05/28/2019 16:44:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6408385	.0066999	.9846041	-.003264	.0013188	33.12018	.5436127
Stddev	.0072268	.0010593	.0028956	.001195	.0006095	.03902	.0004624
%RSD	1.127712	15.81084	.2940824	36.59893	46.21657	.1178187	.0850555

#1	.6324949	.0076070	.9840329	-.002985	.0009183	33.07992	.5438030
#2	.6448884	.0069568	.9820367	-.004574	.0010179	33.15784	.5430855
#3	.6451323	.0055357	.9877427	-.002234	.0020203	33.12279	.5439496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033804	.0128470	12.94832	.0100680	.0332906	.5617670	78.05395
Stddev	.0000493	.0000118	.03740	.0006188	.0001541	.0043107	.19593
%RSD	1.457096	.0915450	.2888476	6.146529	.4630274	.7673440	.2510228

#1	.0033368	.0128463	12.94929	.0105655	.0333157	.5622076	77.97140
#2	.0033704	.0128591	12.98523	.0102634	.0331254	.5658404	78.27764
#3	.0034338	.0128356	12.91045	.0093750	.0334306	.5572529	77.91279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.472253	18.68854	.0239612	.0044305	-.252000	.1568600	.7679299
Stddev	.007902	.08949	.0003002	.0000520	.174063	.0017388	.0067596
%RSD	.2275662	.4788692	1.253016	1.172967	69.07284	1.108530	.8802361

#1	3.469466	18.68662	.0236402	.0044872	-.190328	.1566602	.7627946
#2	3.481170	18.77898	.0242351	.0043851	-.448503	.1552298	.7654069
#3	3.466122	18.60002	.0240082	.0044192	-.117169	.1586902	.7755880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.25109	3.346413	.0074538	.0176873	1.571488	4.721571	.0127292
Stddev	.06174	.008632	.0019979	.0000916	.004222	.022474	.0015303
%RSD	.3579049	.2579522	26.80367	.5179062	.2686651	.4759774	12.02171

#1	17.18485	3.341323	.0051613	.0176893	1.566709	4.736088	.0138096
#2	17.30705	3.356380	.0083769	.0175947	1.574711	4.732941	.0109781
#3	17.26138	3.341536	.0088232	.0177779	1.573044	4.695685	.0133998

Sample Name: K2936-18 Acquired: 05/28/2019 16:44:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA071 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.923017	.0726259	.1334494
Stddev	.000426	.0013868	.0001863
%RSD	.0221505	1.909453	.1395750

#1	1.922892	.0716291	.1334285
#2	1.923492	.0720390	.1332744
#3	1.922668	.0742096	.1336452

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.872	2087.157	46598.33	10973.62	2833.340
Stddev	15.831	3.406	252.83	15.37	9.925
%RSD	.7425757	.1631806	.5425789	.1400240	.3502980

#1	2134.468	2087.342	46809.35	10963.34	2829.856
#2	2146.245	2083.662	46667.54	10991.28	2825.627
#3	2114.904	2090.466	46318.10	10966.23	2844.537

Sample Name: K2936-20 Acquired: 05/28/2019 16:52:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.796394	.0221685	.3516607	-.027274	.0072575	23.71553
Stddev	.003908	.0025017	.0019820	.000855	.0005617	.05326
%RSD	.2175675	11.28499	.5636120	3.135884	7.739883	.2245641

#1	1.800434	.0209920	.3497768	-.028259	.0077988	23.77669
#2	1.796115	.0204719	.3514771	-.026834	.0066774	23.69053
#3	1.792632	.0250415	.3537281	-.026728	.0072962	23.67937

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4568628	.0086114	.0107373	87.57073	-.003456	.1249763
Stddev	.0013507	.0000977	.0000660	.58027	.000310	.0006349
%RSD	.2956442	1.134789	.6143165	.6626323	8.968546	.5080062

#1	.4583006	.0087242	.0106611	88.13358	-.003744	.1255576
#2	.4556205	.0085593	.0107744	87.60413	-.003496	.1242988
#3	.4566675	.0085508	.0107764	86.97448	-.003128	.1250724

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4919608	294.6107	F 54.04830	14.44490	.0936720	.0136746
Stddev	.0040718	1.0285	.73336	.05666	.0006655	.0002808
%RSD	.8276655	.3490922	1.356857	.3922584	.7104853	2.053628

#1	.4910420	295.4642	54.89244	14.45720	.0944172	.0135822
#2	.4964135	294.8990	53.68438	14.49440	.0931367	.0134516
#3	.4884270	293.4689	53.56807	14.38310	.0934621	.0139900

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.785098	.5318590	1.045448	13.32815	9.954106	.0384612
Stddev	.037828	.0011131	.008846	.04760	.035690	.0052720
%RSD	4.818251	.2092858	.8461747	.3571180	.3585422	13.70734

#1	-.786694	.5318080	1.036350	13.38311	9.960459	.0327545
#2	-.822102	.5307722	1.054019	13.29998	9.915667	.0394791
#3	-.746497	.5329967	1.045975	13.30137	9.986193	.0431501

Sample Name: K2936-20 Acquired: 05/28/2019 16:52:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA073 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574135	1.852552	2.975531	.0035642	.8723754	.0287339
Stddev	.0001155	.003658	.028682	.0008066	.0034760	.0014658
%RSD	.2010782	.1974840	.9639274	22.63183	.3984513	5.101428

#1	.0575467	1.852095	3.008345	.0043527	.8760825	.0273613
#2	.0573507	1.849143	2.963012	.0027405	.8718545	.0302779
#3	.0573431	1.856417	2.955237	.0035993	.8691893	.0285625

Elem	Sr4077
Units	ppm
Avg	.6031727
Stddev	.0014513
%RSD	.2406022

#1	.6047187
#2	.6029596
#3	.6018397

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.930	2326.813	52331.94	12289.62	2785.770
Stddev	11.164	4.649	231.95	89.20	5.591
%RSD	.4695014	.1998092	.4432335	.7258262	.2007070

#1	2381.247	2324.998	52496.75	12196.32	2789.235
#2	2365.482	2323.344	52066.70	12298.45	2779.319
#3	2387.059	2332.095	52432.38	12374.07	2788.755

Sample Name: K2936-19 Acquired: 05/28/2019 16:48:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6972821	.0032652	.6452289	-.004032	.0027147	42.31395	.7719651
Stddev	.0008974	.0017235	.0014320	.002704	.0018713	.07368	.0021663
%RSD	.1287049	52.78529	.2219397	67.05880	68.93322	.1741275	.2806151

#1	.6963874	.0031424	.6461149	-.001354	.0045906	42.35430	.7717262
#2	.6972767	.0016064	.6459949	-.003981	.0027054	42.22891	.7699283
#3	.6981823	.0050469	.6435768	-.006761	.0008480	42.35865	.7742410

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034884	.0065026	7.394511	.0259482	.0215705	.9605972	68.31820
Stddev	.0000990	.0000924	.059924	.0001592	.0000590	.0034777	.35568
%RSD	2.838770	1.420892	.8103886	.6137141	.2732698	.3620383	.5206227

#1	.0035787	.0063967	7.452792	.0260810	.0215956	.9583840	68.72579
#2	.0033825	.0065438	7.333069	.0257717	.0215032	.9588020	68.15810
#3	.0035040	.0065672	7.397674	.0259919	.0216127	.9646057	68.07070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.584327	10.93131	.0259844	.0007144	-.177601	.1164142	.4230643
Stddev	.012693	.03255	.0004176	.0003294	.255929	.0016440	.0081430
%RSD	.8011460	.2977896	1.607234	46.10451	144.1031	1.412166	1.924772

#1	1.597496	10.96857	.0256190	.0006476	-.301184	.1181678	.4148448
#2	1.572171	10.91699	.0264397	.0010721	-.348286	.1149078	.4311287
#3	1.583312	10.90838	.0258946	.0004236	.116666	.1161670	.4232195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.94932	3.549980	.0051035	.0094302	.7305881	10.94242	.0135135
Stddev	.09748	.004005	.0004326	.0005756	.0062217	.11993	.0017608
%RSD	.8902936	.1128174	8.476140	6.103958	.8516066	1.096043	13.02995

#1	10.93516	3.550881	.0051790	.0095987	.7234403	11.04213	.0115936
#2	10.85970	3.545601	.0054933	.0087892	.7335361	10.80933	.0138940
#3	11.05311	3.553458	.0046381	.0099028	.7347879	10.97579	.0150530

Sample Name: K2936-19 Acquired: 05/28/2019 16:48:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA072 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.614463	.0625190	.0528243
Stddev	.005152	.0005050	.0001196
%RSD	.3190980	.8076857	.2265023

#1	1.620092	.0628193	.0528186
#2	1.613315	.0619360	.0527077
#3	1.609983	.0628016	.0529468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.830	2126.478	47574.32	11153.40	2854.603
Stddev	7.773	2.594	261.67	107.76	5.835
%RSD	.3557769	.1219737	.5500204	.9661732	.2043960

#1	2191.623	2127.045	47857.31	11062.72	2849.557
#2	2186.514	2128.742	47341.12	11272.53	2860.992
#3	2176.353	2123.648	47524.54	11124.95	2853.260

Sample Name: K2936-22 Acquired: 05/28/2019 17:00:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.232873	.0252955	17.89961	-.048536	.0235656	101.4548	7.293751
Stddev	.006102	.0010504	.00633	.001842	.0021607	.2542	.000789
%RSD	.2732668	4.152562	.0353361	3.795702	9.168969	.2505969	.0108210

#1	2.230870	.0264972	17.90556	-.049263	.0248299	101.1897	7.293570
#2	2.239725	.0245521	17.90030	-.049904	.0247962	101.6966	7.293068
#3	2.228025	.0248373	17.89297	-.046441	.0210707	101.4782	7.294615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092060	.0731650	117.7686	.3035692	.0972282	3.198986	506.1566
Stddev	.0001514	.0001766	.2588	.0006267	.0001048	.003832	.5789
%RSD	1.645055	.2414146	.2197631	.2064326	.1077900	.1197854	.1143645

#1	.0090551	.0732371	117.4883	.3039510	.0971310	3.200317	505.6039
#2	.0093579	.0732943	117.9984	.3039106	.0973392	3.194666	506.7585
#3	.0092049	.0729638	117.8191	.3028460	.0972145	3.201974	506.1074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.044978	28.56541	.2494764	.0267867	4.335180	.1956680	22.26895
Stddev	.024690	.12128	.0015426	.0003561	.211935	.0028528	.27121
%RSD	.3069046	.4245625	.6183499	1.329208	4.888718	1.457997	1.217904

#1	8.022937	28.58530	.2504909	.0263769	4.564606	.1927017	22.47825
#2	8.040337	28.67552	.2477012	.0270204	4.146716	.1983919	21.96255
#3	8.071659	28.43542	.2502372	.0269629	4.294218	.1959102	22.36605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.31448	11.25962	.3109992	.0306691	13.17003	7.011151	2.574251
Stddev	.02827	.01610	.0087070	.0005603	.00706	.062253	.009440
%RSD	.0874973	.1429616	2.799672	1.826859	.0535731	.8879171	.3667277

#1	32.28284	11.27648	.3164097	.0306704	13.16363	6.951291	2.584398
#2	32.33727	11.24441	.3009553	.0301083	13.17759	7.075549	2.572628
#3	32.32333	11.25798	.3156325	.0312288	13.16887	7.006613	2.565728

Sample Name: K2936-22 Acquired: 05/28/2019 17:00:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA075 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.621987	.0741589	.8009933
Stddev	.010037	.0006781	.0004437
%RSD	.1785311	.9143690	.0553925

#1	5.612244	.0749232	.8010082
#2	5.632294	.0739239	.8005423
#3	5.621423	.0736296	.8014294

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.637	1862.295	42010.63	10028.94	2780.600
Stddev	21.013	.902	314.50	51.30	3.940
%RSD	1.112007	.0484469	.7486231	.5115249	.1416861

#1	1869.765	1863.337	41647.69	10026.95	2778.875
#2	1911.630	1861.767	42202.85	9978.67	2777.817
#3	1887.517	1861.782	42181.35	10081.21	2785.108

Sample Name: K2936-21 Acquired: 05/28/2019 16:56:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA074 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2822864	.0057572	.7280429	-.006021	.0022756	44.36968	.9827429
Stddev	.0031197	.0018904	.0038899	.002665	.0011941	.20115	.0013093
%RSD	1.105163	32.83567	.5342920	44.25897	52.47682	.4533583	.1332303

#1	.2788802	.0036223	.7241188	-.002964	.0031331	44.14846	.9826377
#2	.2850049	.0064308	.7281121	-.007850	.0027819	44.54161	.9814894
#3	.2829740	.0072186	.7318977	-.007250	.0009117	44.41896	.9841017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083704	.0091909	33.95612	.0568252	.0289410	.5732249	87.00656
Stddev	.0001241	.0001005	.41222	.0002940	.0001358	.0039442	.83141
%RSD	1.482238	1.093748	1.213970	.5174250	.4692427	.6880763	.9555752

#1	.0082816	.0092198	33.51861	.0570161	.0287845	.5689532	86.12654
#2	.0085121	.0090791	34.33723	.0564866	.0290279	.5767286	87.77887
#3	.0083174	.0092739	34.01253	.0569730	.0290106	.5739930	87.11427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.397943	17.85838	.0558573	-.005282	.3465626	.1011872	.5754187
Stddev	.019180	.22647	.0005010	.000218	.2595119	.0025882	.0028946
%RSD	1.372042	1.268147	.8969750	4.123854	74.88168	2.557884	.5030386

#1	1.378005	17.65767	.0564102	-.005156	.1305093	.1031911	.5773569
#2	1.416264	18.10391	.0557284	-.005534	.2747639	.1021054	.5720914
#3	1.399559	17.81357	.0554333	-.005157	.6344146	.0982650	.5768077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.23753	4.959959	.0082878	.0038007	.6541717	3.619237	.0131961
Stddev	.11739	.014859	.0021189	.0004202	.0041208	.057716	.0006928
%RSD	.5800400	.2995746	25.56605	11.05570	.6299329	1.594702	5.250091

#1	20.11358	4.957783	.0099114	.0042012	.6587530	3.552724	.0124368
#2	20.25200	4.975785	.0090610	.0038377	.6529946	3.648870	.0133574
#3	20.34701	4.946307	.0058909	.0033633	.6507674	3.656117	.0137940

Sample Name: K2936-21 Acquired: 05/28/2019 16:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA074 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7830675	.0165725	.1845860
Stddev	.0065946	.0014594	.0005955
%RSD	.8421544	8.805905	.3226126

#1	.7758894	.0182576	.1839766
#2	.7888577	.0157309	.1846147
#3	.7844553	.0157290	.1851666

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.875	1877.480	41844.89	10016.26	2841.410
Stddev	12.159	.817	165.41	110.89	5.492
%RSD	.6353059	.0435328	.3952936	1.107096	.1932693

#1	1906.850	1876.726	41729.30	10127.67	2841.651
#2	1906.861	1877.366	41771.02	9905.90	2835.802
#3	1927.915	1878.348	42034.37	10015.22	2846.777

Sample Name: K2937-08 Acquired: 05/28/2019 17:04:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4973215	-.002734	1.837542	-.003279	.0124961	16.17274	.8106850
Stddev	.0017772	.002758	.001415	.002310	.0009065	.05893	.0018458
%RSD	.3573457	100.8891	.0769831	70.46578	7.254081	.3644009	.2276883

#1	.4985931	-.000164	1.836178	-.005798	.0115536	16.10732	.8085719
#2	.4980805	-.005648	1.839002	-.002781	.0125731	16.18921	.8119829
#3	.4952909	-.002389	1.837446	-.001258	.0133616	16.22169	.8115002

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074906	.0146452	14.76942	.0038989	.0218541	.5086133	61.85687
Stddev	.0000330	.0000986	.14823	.0003326	.0001134	.0015848	.34429
%RSD	.4406597	.6730759	1.003657	8.531802	.5190502	.3115895	.5565990

#1	.0074614	.0146547	14.60349	.0042103	.0218626	.5067877	61.53815
#2	.0075264	.0145423	14.88876	.0035484	.0219631	.5096364	61.81044
#3	.0074839	.0147387	14.81602	.0039378	.0217367	.5094156	62.22202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.958532	4.363062	.0191844	.0137992	-.380475	.1637856	1.574842
Stddev	.108675	.028162	.0002870	.0003666	.119802	.0005917	.023543
%RSD	1.091278	.6454697	1.496106	2.656522	31.48756	.3612443	1.494955

#1	9.833315	4.330876	.0189466	.0141998	-.263107	.1633136	1.580371
#2	10.02827	4.383176	.0191033	.0137176	-.502571	.1635938	1.549026
#3	10.01401	4.375134	.0195032	.0134804	-.375745	.1644494	1.595128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.998210	2.179958	.0082531	.0114752	.9522974	3.621742	.0198866
Stddev	.047214	.009609	.0008331	.0002378	.0081209	.033244	.0012630
%RSD	.5903049	.4407868	10.09470	2.072188	.8527652	.9178918	6.351235

#1	7.946831	2.189729	.0074487	.0117478	.9486790	3.600617	.0191943
#2	8.039689	2.170520	.0081983	.0113103	.9466148	3.660062	.0191211
#3	8.008110	2.179623	.0091123	.0113675	.9615986	3.604548	.0213445

Sample Name: K2937-08 Acquired: 05/28/2019 17:04:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA030 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1110967	.0035992	.1428110
Stddev	.0011977	.0010687	.0001960
%RSD	1.078073	29.69284	.1372820

#1	.1103524	.0029027	.1427598
#2	.1104593	.0030652	.1430275
#3	.1124783	.0048297	.1426456

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.075	2162.844	48353.53	11497.30	2836.026
Stddev	12.193	3.836	190.35	79.98	1.610
%RSD	.5554931	.1773651	.3936565	.6956444	.0567599

#1	2182.754	2159.685	48251.52	11541.43	2837.186
#2	2207.136	2161.735	48573.14	11404.97	2836.704
#3	2195.336	2167.113	48235.92	11545.49	2834.189

Sample Name: K2937-09 Acquired: 05/28/2019 17:08:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA030D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4981897	-.003561	1.850754	-.005774	.0129553	16.22566	.8350541
Stddev	.0043268	.003206	.002053	.001768	.0005969	.05159	.0020589
%RSD	.8685044	90.02621	.1109372	30.62629	4.607642	.3179835	.2465564

#1	.4999341	-.007227	1.849640	-.007810	.0123529	16.17373	.8329990
#2	.4932630	-.001283	1.849498	-.004895	.0129662	16.27691	.8371167
#3	.5013721	-.002173	1.853123	-.004617	.0135466	16.22633	.8350467

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075148	.0146573	14.84892	.0037875	.0221749	.5083412	62.53241
Stddev	.0000475	.0001687	.08949	.0007722	.0001680	.0012496	.18386
%RSD	.6325063	1.151119	.6026778	20.38919	.7577635	.2458239	.2940162

#1	.0074832	.0144654	14.76672	.0045925	.0223201	.5088328	62.35296
#2	.0075695	.0147236	14.94425	.0037172	.0222137	.5069206	62.72037
#3	.0074918	.0147827	14.83580	.0030528	.0219908	.5092703	62.52389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.805485	4.398966	.0190755	.0136323	-.309469	.1654667	1.572709
Stddev	.072362	.023854	.0003666	.0000763	.136547	.0008265	.020296
%RSD	.7379777	.5422591	1.922034	.5600036	44.12281	.4994998	1.290511

#1	9.737582	4.425499	.0189542	.0135837	-.362045	.1663770	1.550205
#2	9.881605	4.392101	.0194874	.0135929	-.411912	.1647633	1.578296
#3	9.797268	4.379297	.0187849	.0137203	-.154450	.1652599	1.589627

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.088824	2.203607	.0094090	.0116453	.9555499	3.853147	.0192362
Stddev	.054090	.009380	.0005961	.0003477	.0025652	.010096	.0007009
%RSD	.6687033	.4256763	6.335325	2.985568	.2684551	.2620138	3.643912

#1	8.142321	2.210238	.0087974	.0114631	.9574061	3.850515	.0188320
#2	8.089993	2.192875	.0099883	.0120462	.9526227	3.864298	.0188310
#3	8.034159	2.207709	.0094414	.0114265	.9566209	3.844628	.0200456

Sample Name: K2937-09 Acquired: 05/28/2019 17:08:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA030D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1114365	.0045532	.1449286
Stddev	.0011777	.0009842	.0002362
%RSD	1.056864	21.61473	.1629983

#1	.1121376	.0040625	.1449454
#2	.1120950	.0039108	.1446845
#3	.1100768	.0056863	.1451561

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.952	2164.757	48097.66	11484.56	2841.482
Stddev	20.528	4.076	220.98	40.99	5.266
%RSD	.9309884	.1882732	.4594443	.3569150	.1853252

#1	2227.676	2167.234	48352.82	11526.18	2844.970
#2	2199.432	2160.053	47968.54	11444.23	2835.425
#3	2187.749	2166.984	47971.63	11483.27	2844.052

Sample Name: K2937-02 Acquired: 05/28/2019 17:24:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5342359	.0709542	5.184392	-.014617	.0604470	8.371720
Stddev	.0025960	.0028500	.009879	.001193	.0008394	.026800
%RSD	.4859355	4.016623	.1905488	8.161349	1.388678	.3201229

#1	.5323563	.0676690	5.180988	-.015732	.0596769	8.368944
#2	.5371980	.0727639	5.176665	-.013359	.0603224	8.346417
#3	.5331535	.0724298	5.195523	-.014761	.0613418	8.399801

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7464438	.0015935	.0401902	8.589324	-.031064	.0400353
Stddev	.0023351	.0000889	.0001582	.058829	.000262	.0005729
%RSD	.3128282	5.579155	.3935226	.6849091	.8422048	1.430914

#1	.7457333	.0016931	.0400230	8.640136	-.031138	.0394911
#2	.7445465	.0015652	.0403374	8.524873	-.030773	.0399815
#3	.7490516	.0015222	.0402101	8.602961	-.031280	.0406331

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8982382	92.05013	F 147.6522	1.493168	.0193286	.2576979
Stddev	.0014910	.22985	1.1025	.023319	.0004979	.0007318
%RSD	.1659958	.2497028	.7467131	1.561736	2.575829	.2839721

#1	.8971297	92.26540	148.5698	1.519385	.0198983	.2583496
#2	.8976516	91.80805	146.4291	1.474740	.0191099	.2578379
#3	.8999334	92.07693	147.9576	1.485378	.0189775	.2569062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.322548	-.037897	2.896511	5.222033	1.472847	.0064896
Stddev	.205802	.004049	.017095	.048519	.003005	.0004947
%RSD	63.80504	10.68455	.5901999	.9291243	.2040460	7.622893

#1	-.486781	-.040824	2.877120	5.263199	1.471474	.0061435
#2	-.389176	-.033276	2.903003	5.168540	1.470774	.0062690
#3	-.091687	-.039591	2.909409	5.234362	1.476294	.0070562

Sample Name: K2937-02 Acquired: 05/28/2019 17:24:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA024 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2668194	1.367591	4.335867	.0063858	.0593611	-.001677
Stddev	.0005391	.008598	.028197	.0001674	.0003975	.000831
%RSD	.2020464	.6286816	.6503185	2.621229	.6696995	49.57163
#1	.2662051	1.366087	4.365643	.0062484	.0589257	-.001513
#2	.2670391	1.359845	4.332386	.0063369	.0597047	-.000939
#3	.2672139	1.376842	4.309572	.0065722	.0594530	-.002577

Elem	Sr4077
Units	ppm
Avg	.5287309
Stddev	.0007041
%RSD	.1331646
#1	.5288727
#2	.5279667
#3	.5293532

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.218	2828.522	62460.42	14852.24	2784.759
Stddev	10.076	1.414	265.96	122.57	3.051
%RSD	.3519148	.0499998	.4258094	.8252878	.1095777
#1	2852.894	2829.534	62238.55	14714.97	2781.236
#2	2873.027	2826.907	62387.46	14891.00	2786.474
#3	2863.734	2829.126	62755.25	14950.75	2786.567

Sample Name: K2937-01 Acquired: 05/28/2019 17:20:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.389038	-.024749	1.475794	.0065649	.0699861	17.42903	3.737599
Stddev	.009037	.000545	.002200	.0012755	.0004833	.20473	.057525
%RSD	.6505989	2.201555	.1490749	19.42929	.6905736	1.174625	1.539078

#1	1.386112	-.025320	1.474206	.0059221	.0703495	17.66159	3.803567
#2	1.381826	-.024234	1.474871	.0057386	.0701711	17.27604	3.697884
#3	1.399176	-.024694	1.478305	.0080339	.0694376	17.34944	3.711347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068135	.0063684	3.721912	.0073932	.0117937	.6138376	68.72627
Stddev	.0000942	.0000353	.034125	.0003806	.0001958	.0089553	.75175
%RSD	1.382956	.5549893	.9168643	5.147360	1.660333	1.458897	1.093831

#1	.0068007	.0063924	3.754746	.0076914	.0116859	.6241781	69.50945
#2	.0067264	.0063279	3.686628	.0069646	.0120197	.6087198	68.01049
#3	.0069135	.0063850	3.724362	.0075235	.0116755	.6086150	68.65887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.64603	2.316953	.0097008	.0649627	-.328474	.0411346	.6868430
Stddev	.14657	.048221	.0001041	.0003238	.026008	.0012857	.0047407
%RSD	.9367717	2.081241	1.073213	.4984189	7.917888	3.125656	.6902115

#1	15.77006	2.347637	.0095846	.0652243	-.317138	.0406178	.6898401
#2	15.48430	2.261372	.0097855	.0650633	-.358226	.0401877	.6893114
#3	15.68374	2.341849	.0097324	.0646006	-.310057	.0425983	.6813774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.282366	1.650867	.0064672	.0057442	.4817146	7.693762	.0121690
Stddev	.055848	.009185	.0035850	.0001055	.0041245	.015993	.0009895
%RSD	1.701446	.5563749	55.43302	1.836842	.8562055	.2078746	8.131643

#1	3.334500	1.641828	.0104534	.0058469	.4777192	7.708935	.0127994
#2	3.289170	1.650581	.0054412	.0056361	.4859570	7.677058	.0126791
#3	3.223428	1.660191	.0035071	.0057495	.4814674	7.695291	.0110285

Sample Name: K2937-01 Acquired: 05/28/2019 17:20:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA023 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1718659	.0027020	.1143589
Stddev	.0016124	.0023676	.0014085
%RSD	.9381701	87.62474	1.231657

#1	.1736568	.0009489	.1159723
#2	.1705296	.0017618	.1133746
#3	.1714113	.0053953	.1137298

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.015	2127.598	47129.82	11111.37	2813.445
Stddev	5.768	3.474	253.18	96.59	3.731
%RSD	.2665505	.1632911	.5371980	.8693175	.1326178

#1	2157.516	2129.592	46933.52	11013.76	2813.701
#2	2168.528	2129.615	47415.59	11206.91	2817.041
#3	2166.001	2123.586	47040.35	11113.43	2809.592

Sample Name: K2937-03 Acquired: 05/28/2019 17:28:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6985089	.0166786	2.444229	-.013427	.0266347	7.766169
Stddev	.0034801	.0022894	.003023	.002924	.0006793	.050872
%RSD	.4982130	13.72652	.1236751	21.77646	2.550469	.6550479

#1	.6994799	.0188807	2.442656	-.011927	.0273577	7.747113
#2	.6946465	.0168443	2.442316	-.011557	.0265366	7.727576
#3	.7014004	.0143109	2.447714	-.016796	.0260097	7.823817

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1087689	-.001846	.0225968	6.065641	-.021550	.0180689
Stddev	.0003811	.000091	.0000078	.077978	.000436	.0001386
%RSD	.3503888	4.948958	.0343059	1.285573	2.022913	.7670815

#1	.1083290	-.001935	.0226011	6.027864	-.021714	.0179099
#2	.1089787	-.001851	.0225878	6.013747	-.021880	.0181326
#3	.1089991	-.001752	.0226014	6.155313	-.021056	.0181642

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5823307	67.11717	F 112.9437	1.439144	.0078370	.2941259
Stddev	.0015002	.57527	.3968	.019608	.0004970	.0008811
%RSD	.2576207	.8571119	.3513184	1.362458	6.341774	.2995625

#1	.5815544	66.72064	113.3958	1.416541	.0081926	.2931282
#2	.5813778	66.85391	112.6532	1.449308	.0080493	.2947973
#3	.5840600	67.77697	112.7821	1.451583	.0072691	.2944522

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.252912	-.008874	2.168095	5.836121	1.410893	.0062440
Stddev	.035352	.003604	.010610	.012341	.000767	.0008347
%RSD	13.97788	40.61507	.4893885	.2114626	.0543469	13.36708

#1	-.293243	-.009345	2.156755	5.842377	1.411754	.0056695
#2	-.238208	-.005058	2.177781	5.821905	1.410286	.0058611
#3	-.227285	-.012220	2.169748	5.844082	1.410637	.0072014

Sample Name: K2937-03 Acquired: 05/28/2019 17:28:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA025 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1667825	2.045682	1.620703	.0071428	.0495193	.0005821
Stddev	.0008618	.009737	.010770	.0013710	.0004159	.0019795
%RSD	.5167002	.4759765	.6645141	19.19406	.8397999	340.0742

#1	.1662906	2.034714	1.608321	.0086863	.0490589	.0009332
#2	.1662794	2.049024	1.625899	.0060665	.0498675	-.001550
#3	.1677776	2.053307	1.627890	.0066755	.0496316	.002363

Elem	Sr4077
Units	ppm
Avg	.2815737
Stddev	.0004335
%RSD	.1539548

#1	.2814604
#2	.2812082
#3	.2820526

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.276	2081.754	45996.36	11056.44	2815.175
Stddev	10.780	2.749	44.01	44.46	3.671
%RSD	.5096280	.1320293	.0956737	.4020738	.1303958

#1	2122.482	2078.606	45948.77	11082.91	2810.963
#2	2102.883	2082.984	46004.71	11081.30	2816.861
#3	2120.462	2083.673	46035.58	11005.12	2817.699

Sample Name: K2937-04 Acquired: 05/28/2019 17:32:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.433150	.0326279	1.856283	-.032769	.0558021	19.56032
Stddev	.022354	.0014545	.005285	.003243	.0008911	.23427
%RSD	.3007322	4.457845	.2846855	9.894988	1.596988	1.197674

#1	7.436006	.0317498	1.856592	-.032835	.0548762	19.82958
#2	7.409505	.0343069	1.850851	-.035978	.0566538	19.44824
#3	7.453939	.0318272	1.861406	-.029494	.0558762	19.40315

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3552958	.0017652	.0252434	19.30946	-.029611	.1925226
Stddev	.0050663	.0000742	.0000126	.23982	.000641	.0004608
%RSD	1.425954	4.203485	.0497808	1.241986	2.165278	.2393565

#1	.3611424	.0018251	.0252516	19.57716	-.030333	.1920737
#2	.3521978	.0016822	.0252290	19.23697	-.029391	.1924996
#3	.3525470	.0017882	.0252497	19.11424	-.029108	.1929945

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.199917	240.6120	F 144.6477	4.267964	.1106780	.1951791
Stddev	.028280	2.8454	1.5065	.060581	.0005068	.0009356
%RSD	1.285488	1.182557	1.041499	1.419429	.4578932	.4793493

#1	2.232281	243.8974	146.3156	4.318347	.1112606	.1961894
#2	2.179969	239.0027	143.3858	4.284800	.1104346	.1943427
#3	2.187501	238.9361	144.2416	4.200746	.1103389	.1950052

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.085436	.1036933	2.631131	14.19897	7.596960	.0390522
Stddev	.213594	.0011474	.020564	.21488	.029600	.0033026
%RSD	250.0054	1.106565	.7815519	1.513379	.3896239	8.456941

#1	-.061712	.1025558	2.654563	14.44710	7.611085	.0354543
#2	.115306	.1036736	2.622743	14.07377	7.562944	.0397563
#3	-.309901	.1048504	2.616087	14.07606	7.616851	.0419460

Sample Name: K2937-04 Acquired: 05/28/2019 17:32:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA026 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1808931	6.782458	2.456286	.0125017	.0706741	.0831749
Stddev	.0004957	.025613	.026999	.0014203	.0008642	.0004692
%RSD	.2740457	.3776402	1.099177	11.36129	1.222809	.5640674

#1	.1807781	6.761061	2.487391	.0120330	.0716521	.0826391
#2	.1804650	6.775474	2.442552	.0113749	.0700134	.0835120
#3	.1814362	6.810839	2.438916	.0140971	.0703568	.0833737

Elem	Sr4077
Units	ppm
Avg	2.457587
Stddev	.043988
%RSD	1.789878

#1	2.504596
#2	2.417423
#3	2.450742

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.341	2307.355	50861.80	11985.91	2812.601
Stddev	3.123	2.336	90.99	119.75	3.429
%RSD	.1329286	.1012388	.1788977	.9991268	.1219241

#1	2346.016	2305.871	50756.74	11847.63	2809.611
#2	2349.796	2310.048	50913.05	12055.35	2816.345
#3	2352.212	2306.146	50915.60	12054.75	2811.848

Sample Name: K2934-05 Acquired: 05/28/2019 17:36:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA013S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5571893	.1410698	2.166063	.0060560	.3611549	15.70437	5.010865
Stddev	.0036385	.0059868	.008157	.0039925	.0014665	2.26422	.694996
%RSD	.6530096	4.243850	.3765839	65.92597	.4060604	14.41780	13.86978

#1	.5556735	.1476464	2.163619	.0105267	.3623616	18.29953	5.809427
#2	.5545537	.1396264	2.159408	.0047953	.3615804	14.68171	4.680450
#3	.5613407	.1359367	2.175163	.0028461	.3595227	14.13188	4.542717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1240593	.1432584	5.250784	.4585667	1.350440	1.392041	207.2962
Stddev	.0149992	.0008533	.815206	.0035502	.001754	.215146	30.4649
%RSD	12.09036	.5956597	15.52543	.7741846	.1298948	15.45541	14.69631

#1	.1412269	.1422808	6.180250	.4545287	1.348419	1.638651	242.1536
#2	.1174586	.1436403	4.915009	.4599736	1.351569	1.294728	193.9703
#3	.1134925	.1438540	4.657091	.4611978	1.351332	1.242745	185.7647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.939238	.9556978	1.358587	.4771947	.1135066	1.267940	1.611246
Stddev	1.329801	.1312447	.001149	.0017031	.0406953	.180591	.029260
%RSD	14.87600	13.73286	.0845397	.3568875	35.85278	14.24283	1.815963

#1	10.45911	1.104680	1.358395	.4757337	.1441489	1.475069	1.643909
#2	8.36865	.905256	1.357547	.4767854	.0673327	1.185256	1.587433
#3	7.98995	.857158	1.359820	.4790652	.1290382	1.143495	1.602397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.947158	1.362066	.0475970	.1521690	14.06548	3.821009	.0057287
Stddev	1.487217	.005393	.0182473	.0005673	.03985	.465626	.0016250
%RSD	14.95117	.3959413	38.33711	.3728094	.2833461	12.18595	28.36543

#1	11.65460	1.368196	.0686384	.1516057	14.03244	4.354689	.0040766
#2	9.25248	1.359952	.0380283	.1521613	14.05426	3.610711	.0057845
#3	8.93439	1.358051	.0361242	.1527402	14.10975	3.497627	.0073251

Sample Name: K2934-05 Acquired: 05/28/2019 17:36:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA013S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0450320	-.002807	.1092447
Stddev	.0074716	.001176	.0153341
%RSD	16.59170	41.89564	14.03644

#1	.0536382	-.001718	.1268652
#2	.0412536	-.002649	.1019417
#3	.0402043	-.004054	.0989271

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.938	2080.108	46505.82	10402.01	2838.473
Stddev	7.607	1.423	126.91	1193.05	3.047
%RSD	.3593483	.0684151	.2728885	11.46946	.1073435

#1	2115.006	2081.637	46652.36	9044.99	2841.957
#2	2125.325	2078.822	46433.33	10874.96	2837.154
#3	2110.483	2079.864	46431.77	11286.08	2836.308

Sample Name: CCV046 Acquired: 05/28/2019 17:40:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.590918	4.789143	24.00197	4.607047	4.702146	406.9431	9.808507
Stddev	.015671	.015177	.07659	.010182	.001020	1.5070	.026572
%RSD	.3413437	.3169066	.3191051	.2210017	.0216909	.3703263	.2709034

#1	4.580501	4.780275	23.94026	4.610791	4.702586	406.7866	9.810209
#2	4.608940	4.780486	23.97796	4.614827	4.702872	408.5223	9.834186
#3	4.583313	4.806667	24.08769	4.595524	4.700980	405.5205	9.781125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4968923	2.421509	409.2690	14.89445	2.457544	14.48542	419.0776
Stddev	.0060720	.007777	1.6521	.00925	.006147	.05429	1.8870
%RSD	1.222006	.3211690	.4036787	.0620886	.2501356	.3748243	.4502780

#1	.4906025	2.414024	409.1533	14.90271	2.452786	14.48906	418.7670
#2	.4973543	2.420954	410.9760	14.88446	2.455363	14.53780	421.1007
#3	.5027202	2.429548	407.6778	14.89619	2.464485	14.42940	417.3652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55838	407.2145	2.439674	1.233262	408.7493	2.441195	14.17361
Stddev	.08472	1.9125	.009367	.004995	1.5638	.007511	.21652
%RSD	.5819402	.4696590	.3839261	.4050462	.3825908	.3076930	1.527629

#1	14.56325	405.9866	2.431943	1.237181	408.8420	2.443216	14.33343
#2	14.64057	409.4180	2.436989	1.227638	410.2647	2.447489	14.26022
#3	14.47133	406.2387	2.450089	1.234968	407.1411	2.432880	13.92720

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.1135	4.639142	5.037650	4.835302	4.569990	4.951649	4.929934
Stddev	.3728	.018058	.048429	.002277	.016263	.061214	.011127
%RSD	.2500101	.3892493	.9613313	.0470833	.3558725	1.236237	.2257084

#1	149.1792	4.622906	4.990208	4.833119	4.551254	4.896512	4.922216
#2	149.4490	4.635929	5.035735	4.837662	4.580457	4.940915	4.924897
#3	148.7122	4.658590	5.087008	4.835124	4.578260	5.017520	4.942689

Sample Name: CCV046 Acquired: 05/28/2019 17:40:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.909469	4.988614	4.848953
Stddev	.014046	.038070	.017486
%RSD	.2860927	.7631326	.3606084

#1	4.904181	5.006551	4.833777
#2	4.925390	5.014402	4.868074
#3	4.898834	4.944889	4.845007

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.049	1494.115	36263.17	8718.457	2441.965
Stddev	17.534	1.385	310.40	17.180	6.055
%RSD	1.129032	.0926806	.8559612	.1970544	.2479406

#1	1535.187	1492.531	35915.80	8728.710	2445.163
#2	1553.725	1495.097	36360.40	8728.038	2445.750
#3	1570.236	1494.717	36513.32	8698.623	2434.982

Sample Name: K2937-05 Acquired: 05/28/2019 17:48:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.025794	.0211643	1.662423	-.030076	.0220045	17.53977
Stddev	.002279	.0011184	.001272	.001180	.0003719	.06655
%RSD	.1125093	5.284441	.0764941	3.923719	1.690162	.3794345

#1	2.024416	.0198729	1.661006	-.030404	.0215755	17.53755
#2	2.024541	.0218129	1.662800	-.028766	.0222360	17.47436
#3	2.028425	.0218072	1.663464	-.031056	.0222019	17.60741

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2931378	.0083649	.0158660	30.77605	-.027550	.1121258
Stddev	.0003031	.0001468	.0001647	.30788	.000406	.0003914
%RSD	.1034126	1.755587	1.038123	1.000392	1.472935	.3490360

#1	.2934166	.0082141	.0159574	30.60329	-.027153	.1124698
#2	.2928151	.0083729	.0156759	30.59334	-.027964	.1117000
#3	.2931818	.0085075	.0159648	31.13151	-.027532	.1122075

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4801842	331.0149	F 65.68114	5.832064	.0871432	.0222135
Stddev	.0031897	1.5637	.17970	.022924	.0002743	.0004023
%RSD	.6642611	.4724006	.2735923	.3930712	.3147112	1.811188

#1	.4770971	330.5164	65.67111	5.817889	.0872452	.0217519
#2	.4799882	329.7611	65.86565	5.819792	.0868326	.0224899
#3	.4834674	332.7670	65.50667	5.858512	.0873519	.0223986

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.329651	.2831947	3.075374	13.51300	10.02828	.0571815
Stddev	.238703	.0003691	.013993	.06096	.07368	.0031632
%RSD	72.41079	.1303449	.4549937	.4511567	.7347288	5.531916

#1	-.115213	.2836077	3.081042	13.46353	9.95006	.0573161
#2	-.286900	.2830795	3.059436	13.49438	10.03841	.0602753
#3	-.586841	.2828969	3.085643	13.58111	10.09637	.0539531

Sample Name: K2937-05 Acquired: 05/28/2019 17:48:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA027 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1341042	6.314607	3.245248	.0044820	.0500311	.0178293
Stddev	.0004360	.042441	.016169	.0008089	.0002325	.0018255
%RSD	.3251318	.6721151	.4982314	18.04772	.4647765	10.23890
#1	.1342658	6.269773	3.226582	.0042072	.0501836	.0198005
#2	.1344363	6.319885	3.254233	.0053924	.0497635	.0161970
#3	.1336104	6.354163	3.254928	.0038462	.0501463	.0174903

Elem	Sr4077
Units	ppm
Avg	2.174825
Stddev	.003243
%RSD	.1491278
#1	2.175307
#2	2.171368
#3	2.177801

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.756	2400.092	53560.03	12612.22	2806.403
Stddev	11.877	5.776	191.74	74.40	11.004
%RSD	.4856234	.2406432	.3579864	.5898665	.3921050
#1	2442.287	2406.557	53761.02	12666.51	2817.714
#2	2458.982	2398.280	53539.95	12642.73	2805.761
#3	2436.000	2395.440	53379.13	12527.42	2795.734

Sample Name: CCB046 Acquired: 05/28/2019 17:44:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB046 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027937	.0004683	.0019469	.0043194	-.001965	-.002468	.0017179
Stddev	.0024659	.0008908	.0001896	.0011165	.001345	.004544	.0007915
%RSD	88.26497	190.1962	9.736142	25.84840	68.46653	184.1345	46.07566

#1	.0053936	.0004938	.0020553	.0032968	-.001286	-.002385	.0026319
#2	.0004883	.0013461	.0017280	.0055106	-.001095	.002034	.0012561
#3	.0024994	-.000435	.0020573	.0041507	-.003515	-.007053	.0012658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000358	-.000106	.0006296	-.000224	.0000565	.0006270	-.001518
Stddev	.0000141	.000100	.0076250	.000332	.0001921	.0024366	.001457
%RSD	39.42233	94.87516	1211.033	148.3397	339.9682	388.5949	95.98619

#1	.0000515	-.000071	.0090074	-.000034	-.000090	.0031787	-.001018
#2	.0000242	-.000219	-.005905	-.000030	-.000014	-.001675	-.000377
#3	.0000318	-.000027	-.001214	-.000607	.000274	.000378	-.003159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006673	-.019241	.0005972	.0002761	-.153041	.0010865	.0006533
Stddev	.0002881	.007387	.0004130	.0002183	.254869	.0014725	.0010487
%RSD	43.16597	38.39418	69.15271	79.06947	166.5363	135.5187	160.5278

#1	.0005997	-.014176	.0001532	.0005274	-.433064	-.000571	.0015989
#2	.0009832	-.015829	.0006687	.0001671	-.091442	.002243	.0008355
#3	.0004191	-.027717	.0009698	.0001338	.065383	.001588	-.000475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2132434	.0001758	.0043104	.0003670	-.001855	-.001185	-.000817
Stddev	.0364139	.0016310	.0006171	.0004639	.005370	.001976	.000962
%RSD	17.07621	927.5488	14.31652	126.4199	289.4764	166.7306	117.7042

#1	.2439459	-.000982	.0050066	-.000105	.003834	-.001844	-.000882
#2	.2227715	.002041	.0038310	.000822	-.002564	.001036	.000176
#3	.1730127	-.000532	.0040935	.000384	-.006836	-.002746	-.001745

Sample Name: CCB046 Acquired: 05/28/2019 17:44:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB046 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009533	.0006668	.0001401
Stddev	.0007596	.0021068	.0000296
%RSD	79.67863	315.9392	21.13314

#1	.0016857	.0013472	.0001082
#2	.0001692	-.001696	.0001668
#3	.0010050	.002349	.0001452

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.014	1727.036	38182.80	9014.875	2716.884
Stddev	3.937	2.019	165.14	55.363	3.916
%RSD	.2243335	.1169118	.4324865	.6141311	.1441291

#1	1751.395	1725.091	38011.86	8956.511	2713.598
#2	1759.207	1726.897	38341.44	9021.468	2715.838
#3	1754.441	1729.122	38195.11	9066.647	2721.217

Sample Name: K2937-06 Acquired: 05/28/2019 17:52:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.343680	.0430021	5.867328	-.033507	.0419030	21.76406
Stddev	.002457	.0057263	.012880	.001281	.0004190	.00920
%RSD	.1828586	13.31641	.2195133	3.824475	.9998784	.0422917

#1	1.342396	.0367356	5.881727	-.032219	.0414853	21.77418
#2	1.342130	.0443078	5.856904	-.034781	.0423232	21.75620
#3	1.346513	.0479627	5.863354	-.033520	.0419005	21.76180

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4010855	.0065601	.0501730	19.90715	-.034183	.1124685
Stddev	.0003999	.0000375	.0001558	.00882	.000196	.0001758
%RSD	.0997098	.5709464	.3106260	.0443272	.5730366	.1563513

#1	.4010687	.0066018	.0503312	19.91164	-.034189	.1124605
#2	.4014935	.0065491	.0500196	19.91282	-.034375	.1126482
#3	.4006942	.0065293	.0501684	19.89698	-.033984	.1122968

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.237411	262.9706	F 139.3573	6.572128	.0636832	.5550861
Stddev	.002953	.1763	.8715	.016508	.0005803	.0031130
%RSD	.1320034	.0670581	.6253376	.2511893	.9111972	.5608203

#1	2.239488	262.7758	139.7637	6.578533	.0631512	.5556883
#2	2.234030	263.1194	139.9514	6.584473	.0635963	.5578542
#3	2.238716	263.0165	138.3569	6.553376	.0643020	.5517160

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.516525	.2636344	6.775608	10.07714	5.466802	.0296577
Stddev	.127927	.0109863	.022970	.05386	.025086	.0015217
%RSD	24.76695	4.167248	.3390046	.5344775	.4588713	5.130970

#1	-.434086	.2550377	6.753825	10.02625	5.490551	.0285216
#2	-.451591	.2598537	6.773395	10.13355	5.440565	.0290648
#3	-.663896	.2760118	6.799604	10.07163	5.469290	.0313866

Sample Name: K2937-06 Acquired: 05/28/2019 17:52:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA028 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1344595	1.051129	7.668397	.0086931	.1345516	.0121676
Stddev	.0007087	.002732	.022548	.0010507	.0010725	.0015559
%RSD	.5270482	.2598759	.2940385	12.08674	.7970771	12.78739
#1	.1337967	1.052881	7.693747	.0074803	.1357824	.0123345
#2	.1343752	1.047982	7.660867	.0092688	.1340544	.0105350
#3	.1352065	1.052526	7.650578	.0093301	.1338179	.0136334

Elem	Sr4077
Units	ppm
Avg	1.908792
Stddev	.000894
%RSD	.0468348
#1	1.908953
#2	1.909595
#3	1.907828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2492.820	2428.248	54165.46	12749.08	2815.135
Stddev	7.400	2.291	216.47	29.83	6.244
%RSD	.2968588	.0943304	.3996373	.2340077	.2217909
#1	2490.870	2426.343	54229.30	12718.98	2808.052
#2	2486.590	2427.612	53924.25	12749.62	2819.842
#3	2501.000	2430.789	54342.82	12778.64	2817.510

Sample Name: K2937-07 Acquired: 05/28/2019 17:56:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4427337	-.002626	1.548955	-.000073	.0157837	13.78694	.6944255
Stddev	.0011403	.002416	.004295	.000568	.0009094	.02483	.0037709
%RSD	.2575667	92.00581	.2773039	773.6097	5.761488	.1800719	.5430185

#1	.4440440	-.000141	1.550039	.000216	.0168078	13.79933	.6919553
#2	.4419658	-.002770	1.544221	-.000728	.0150708	13.75835	.6925553
#3	.4421913	-.004968	1.552604	.000292	.0154724	13.80312	.6987659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066089	.0120260	12.13396	.0047221	.0161338	.4211858	54.16708
Stddev	.0000051	.0000660	.08884	.0004068	.0004533	.0002262	.43577
%RSD	.0770043	.5488547	.7321438	8.615220	2.809817	.0536980	.8045001

#1	.0066037	.0120697	12.17872	.0049397	.0162922	.4213245	54.53536
#2	.0066092	.0119501	12.19150	.0049737	.0156225	.4213080	54.27988
#3	.0066138	.0120582	12.03164	.0042527	.0164866	.4209248	53.68599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.73292	3.698439	.0166741	.0189446	-.450098	.1447398	1.357665
Stddev	.06908	.027463	.0001051	.0001018	.148293	.0020837	.015312
%RSD	.6436138	.7425534	.6303011	.5371258	32.94689	1.439618	1.127833

#1	10.78595	3.720676	.0167762	.0189892	-.593499	.1462182	1.364419
#2	10.75800	3.706901	.0165662	.0190165	-.459439	.1456445	1.340137
#3	10.65480	3.667741	.0166800	.0188282	-.297355	.1423566	1.368439

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.085344	1.690151	.0074675	.0122156	.8538982	1.928564	.0097322
Stddev	.041580	.004048	.0016115	.0002814	.0013925	.014361	.0008045
%RSD	.5868498	.2395174	21.58050	2.303958	.1630776	.7446689	8.266091

#1	7.049150	1.688206	.0092248	.0119378	.8544902	1.920873	.0096590
#2	7.130761	1.694805	.0071191	.0122084	.8523075	1.945133	.0105708
#3	7.076121	1.687443	.0060587	.0125005	.8548969	1.919686	.0089669

Sample Name: K2937-07 Acquired: 05/28/2019 17:56:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA029 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0993531	.0023748	.1438870
Stddev	.0000626	.0004967	.0003340
%RSD	.0630456	20.91556	.2321090

#1	.0993825	.0027447	.1435570
#2	.0992811	.0018102	.1438792
#3	.0993955	.0025695	.1442248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.865	2095.887	46500.22	11174.99	2838.106
Stddev	17.140	1.805	114.43	58.70	2.024
%RSD	.8043899	.0861203	.2460931	.5252439	.0713152

#1	2128.371	2097.804	46393.83	11177.58	2838.285
#2	2149.116	2095.636	46621.28	11115.04	2840.035
#3	2115.109	2094.220	46485.55	11232.35	2835.998

Sample Name: K2937-11 Acquired: 05/28/2019 18:00:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.543830	.0289543	F 64.19706	-.039520	.0091083	53.44782
Stddev	.002496	.0001730	.04453	.001074	.0012047	.03191
%RSD	.1616936	.5974617	.0693594	2.718601	13.22607	.0596980

#1	1.546700	.0288868	64.20029	-.040745	.0083318	53.46937
#2	1.542165	.0291508	64.23987	-.038741	.0104960	53.46292
#3	1.542625	.0288252	64.15100	-.039073	.0084970	53.41117

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9615469	.0191984	.1831754	69.01696	-.003725	.0566486
Stddev	.0026727	.0000870	.0001707	.40202	.001373	.0002108
%RSD	.2779592	.4530671	.0932076	.5824885	36.85824	.3720444

#1	.9617685	.0192971	.1832404	69.22696	-.002169	.0564832
#2	.9587703	.0191330	.1833041	69.27050	-.004767	.0565768
#3	.9641019	.0191650	.1829817	68.55344	-.004240	.0568859

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.060201	441.0329	14.52386	10.25411	.0437649	.1845861
Stddev	.007231	1.2107	.10983	.05222	.0001188	.0010897
%RSD	.3509725	.2745092	.7562068	.5093077	.2714370	.5903288

#1	2.067804	441.6165	14.61550	10.22817	.0436566	.1846658
#2	2.059388	441.8413	14.55396	10.31422	.0438919	.1856337
#3	2.053411	439.6410	14.40212	10.21993	.0437461	.1834588

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.962875	.1752298	F 78.13370	33.62265	9.316301	.0441343
Stddev	.180928	.0006524	.64453	.10257	.022597	.0061926
%RSD	18.79037	.3722848	.8249083	.3050612	.2425500	14.03120

#1	-1.05442	.1759718	77.86308	33.72259	9.340473	.0446877
#2	-.75447	.1749713	77.66861	33.62771	9.312724	.0376835
#3	-1.07974	.1747463	78.86943	33.51764	9.295707	.0500315

Sample Name: K2937-11 Acquired: 05/28/2019 18:00:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA076 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200625	165.2018	3.435854	.0106354	.3506333	.0245758
Stddev	.0002848	.3543	.013670	.0007529	.0011422	.0013114
%RSD	1.419681	.2144768	.3978643	7.079422	.3257403	5.335970

#1	.0203347	165.6010	3.439953	.0105971	.3508360	.0246564
#2	.0200864	165.0800	3.447005	.0099024	.3494033	.0258450
#3	.0197665	164.9245	3.420603	.0114068	.3516605	.0232260

Elem	Sr4077
Units	ppm
Avg	.3942245
Stddev	.0004773
%RSD	.1210821

#1	.3938803
#2	.3940239
#3	.3947694

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.981	1858.313	41725.59	9844.568	2828.442
Stddev	12.239	2.310	136.77	50.803	1.187
%RSD	.6513486	.1243298	.3277841	.5160506	.0419606

#1	1892.355	1858.294	41812.36	9872.851	2827.324
#2	1876.247	1860.633	41567.93	9785.918	2829.687
#3	1868.340	1856.013	41796.47	9874.935	2828.315

Sample Name: K2937-12 Acquired: 05/28/2019 18:04:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA077 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4482816	.0055998	.4366254	-.012214	.0067561	88.41037	2.320842
Stddev	.0045911	.0010883	.0004220	.003186	.0008279	.13845	.003381
%RSD	1.024156	19.43546	.0966530	26.08513	12.25397	.1566015	.1456688

#1	.4448643	.0050610	.4366925	-.011815	.0067932	88.25529	2.317393
#2	.4464802	.0068524	.4370098	-.009247	.0075649	88.45428	2.324150
#3	.4535002	.0048860	.4361738	-.015581	.0059103	88.52155	2.320984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131665	.0121132	42.68186	.2201562	.1054254	1.453638	159.1880
Stddev	.0000725	.0001135	.25614	.0006657	.0001878	.004879	.8848
%RSD	.5503435	.9366480	.6001100	.3023792	.1781282	.3356452	.5557945

#1	.0131551	.0122439	42.95670	.2205593	.1052922	1.448161	160.1583
#2	.0131004	.0120547	42.44982	.2205214	.1056402	1.455234	158.4259
#3	.0132440	.0120409	42.63906	.2193878	.1053439	1.457519	158.9799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.531589	43.97500	.2822540	-.007299	.5667719	.2612297	.9729913
Stddev	.034853	.14586	.0001016	.000406	.1455522	.0014311	.0069771
%RSD	.7691174	.3316890	.0359777	5.567654	25.68092	.5478186	.7170719

#1	4.562486	44.09415	.2821846	-.007094	.6169010	.2595975	.9799409
#2	4.493807	43.81234	.2822067	-.007037	.6806346	.2622694	.9730459
#3	4.538473	44.01853	.2823705	-.007768	.4027802	.2618221	.9659871

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.37639	5.260801	.0093947	.0049489	.7481580	7.764640	.0165107
Stddev	.09235	.021451	.0041140	.0002834	.0014651	.051848	.0019860
%RSD	.2943373	.4077577	43.79084	5.725855	.1958251	.6677421	12.02849

#1	31.32379	5.237233	.0139835	.0052095	.7465922	7.766040	.0155820
#2	31.32234	5.265987	.0060360	.0049901	.7494956	7.712107	.0187909
#3	31.48302	5.279185	.0081648	.0046472	.7483862	7.815774	.0151592

Sample Name: K2937-12 Acquired: 05/28/2019 18:04:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA077 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.665287	.0451093	.2605786
Stddev	.004335	.0006551	.0001290
%RSD	.1626441	1.452359	.0495221

#1	2.661173	.0458368	.2604335
#2	2.664875	.0445658	.2606221
#3	2.669814	.0449254	.2606803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.340	1950.226	43672.98	10402.26	2819.066
Stddev	10.313	4.829	159.85	49.27	6.516
%RSD	.5173959	.2476009	.3660228	.4736317	.2311558

#1	1987.231	1952.977	43577.86	10405.02	2826.097
#2	1987.542	1953.051	43583.54	10450.10	2817.874
#3	2005.248	1944.651	43857.53	10351.68	2813.228

Sample Name: K2937-16 Acquired: 05/28/2019 18:20:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3950331	.0057441	24.15113	-.009017	.1452248	79.63087	5.078544
Stddev	.0053492	.0013670	.01211	.003557	.0014229	.21224	.005963
%RSD	1.354125	23.79910	.0501463	39.45003	.9798084	.2665258	.1174166

#1	.3977308	.0041784	24.16339	-.010667	.1438853	79.69588	5.079193
#2	.3984964	.0063530	24.15082	-.004934	.1467185	79.80300	5.072284
#3	.3888722	.0067008	24.13918	-.011448	.1450705	79.39373	5.084157

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088018	.0103415	39.44660	.1647592	.0508749	1.055852	99.34555
Stddev	.0001257	.0001061	.47325	.0000803	.0001063	.003049	.71622
%RSD	1.428450	1.025971	1.199735	.0487549	.2089763	.2888098	.7209395

#1	.0087649	.0104189	39.66983	.1648465	.0509972	1.057744	99.54485
#2	.0089418	.0102206	39.76694	.1647430	.0508043	1.057477	99.94101
#3	.0086986	.0103851	38.90301	.1646883	.0508233	1.052334	98.55078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.413018	46.34300	.0975236	-.002735	.5920594	.2124799	.7816590
Stddev	.074316	.39917	.0006011	.000918	.1573271	.0012699	.0114811
%RSD	1.158836	.8613462	.6163089	33.55655	26.57286	.5976408	1.468816

#1	6.460574	46.37190	.0976095	-.001731	.4413310	.2139239	.7800152
#2	6.451100	46.72694	.0980771	-.002944	.5796024	.2115371	.7710884
#3	6.327379	45.93016	.0968843	-.003530	.7552446	.2119788	.7938734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.19755	6.100972	.0019669	.0081112	1.209812	10.22105	.1087038
Stddev	.22515	.011336	.0034330	.0002688	.007352	.17291	.0004219
%RSD	.5465037	.1858051	174.5408	3.313255	.6076634	1.691660	.3881574

#1	41.34963	6.108936	-.000252	.0080518	1.203488	10.31468	.1089906
#2	41.30411	6.105988	.000232	.0084047	1.217878	10.32694	.1089016
#3	40.93890	6.087994	.005921	.0078772	1.208069	10.02152	.1082193

Sample Name: K2937-16 Acquired: 05/28/2019 18:20:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA081 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.268225	.0467980	.7110262
Stddev	.014266	.0002765	.0005528
%RSD	.2707913	.5909080	.0777467

#1	5.271276	.0471051	.7112059
#2	5.280718	.0465687	.7114668
#3	5.252680	.0467202	.7104059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.185	1901.832	42410.48	10220.95	2817.820
Stddev	12.040	4.173	206.98	116.83	4.354
%RSD	.6183307	.2194176	.4880384	1.143049	.1545143

#1	1946.582	1900.666	42380.36	10137.17	2816.054
#2	1959.515	1906.464	42630.87	10171.27	2822.780
#3	1935.457	1898.367	42220.21	10354.41	2814.627

Sample Name: K2937-15 Acquired: 05/28/2019 18:16:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4628743	.0082407	1.363859	-.009007	.0063155	80.17801	3.270836
Stddev	.0025140	.0013965	.002526	.001709	.0012149	.31638	.003526
%RSD	.5431235	16.94692	.1852432	18.97352	19.23636	.3945924	.1078037

#1	.4628206	.0097937	1.364062	-.010609	.0050243	79.86358	3.267538
#2	.4603877	.0078402	1.361236	-.009203	.0074360	80.17415	3.270416
#3	.4654148	.0070881	1.366277	-.007208	.0064861	80.49629	3.274553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099760	.0093242	28.16600	.1739974	.0495742	1.025091	114.4991
Stddev	.0000879	.0002061	.15800	.0018323	.0002444	.001953	.4533
%RSD	.8808064	2.209904	.5609541	1.053072	.4929899	.1904920	.3958571

#1	.0098865	.0092295	28.00848	.1759095	.0493209	1.022854	114.0037
#2	.0100621	.0095606	28.16504	.1722569	.0498087	1.026454	114.6006
#3	.0099793	.0091826	28.32448	.1738259	.0495929	1.025966	114.8930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.725408	50.48196	.1002857	-.002075	.5513972	.1959832	.8503696
Stddev	.021283	.21948	.0008488	.000103	.1212625	.0021374	.0064734
%RSD	.7809068	.4347783	.8464074	4.965457	21.99185	1.090591	.7612484

#1	2.703007	50.27689	.0996121	-.002029	.6826600	.1975830	.8498184
#2	2.727854	50.45554	.1012391	-.002003	.5279816	.1935557	.8441894
#3	2.745362	50.71346	.1000060	-.002193	.4435502	.1968108	.8571010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.05448	4.739644	.0045245	.0079712	1.011991	4.731173	.0287033
Stddev	.15732	.006724	.0002027	.0001651	.007876	.004052	.0014654
%RSD	.3207090	.1418718	4.480735	2.071308	.7782293	.0856396	5.105141

#1	48.87286	4.735071	.0043232	.0080793	1.016074	4.733085	.0274658
#2	49.14845	4.747365	.0047286	.0080531	1.002912	4.726519	.0283228
#3	49.14214	4.736496	.0045217	.0077812	1.016986	4.733914	.0303214

Sample Name: K2937-15 Acquired: 05/28/2019 18:16:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA080 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.290834	.0804315	.5679668
Stddev	.032994	.0009431	.0007963
%RSD	.3979597	1.172574	.1401942

#1	8.255901	.0796057	.5670958
#2	8.295135	.0802297	.5681473
#3	8.321467	.0814592	.5686573

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.567	1901.658	42603.82	10151.25	2828.835
Stddev	8.368	3.315	233.93	18.04	3.255
%RSD	.4292435	.1743439	.5490929	.1777349	.1150559

#1	1945.211	1897.836	42624.85	10136.37	2827.280
#2	1959.215	1903.767	42826.53	10146.06	2832.576
#3	1944.276	1903.371	42360.08	10171.32	2826.650

Sample Name: K2937-17 Acquired: 05/28/2019 18:24:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6962312	.0126917	.7206891	-.013429	.0052882	52.27883
Stddev	.0022248	.0020117	.0021173	.002075	.0009954	.11272
%RSD	.3195499	15.85077	.2937823	15.44838	18.82263	.2156075

#1	.6944365	.0114510	.7204772	-.011872	.0064310	52.29421
#2	.6955368	.0116114	.7229044	-.012631	.0046101	52.38308
#3	.6987204	.0150128	.7186858	-.015784	.0048237	52.15922

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.015772	.0034823	.0128394	9.529402	.0304662	.0579644
Stddev	.000755	.0000293	.0001582	.085551	.0002474	.0002790
%RSD	.0742865	.8411424	1.231763	.8977551	.8119591	.4813151

#1	1.016136	.0034665	.0129924	9.582593	.0307291	.0577741
#2	1.016277	.0035161	.0128491	9.574897	.0302380	.0582847
#3	1.014905	.0034644	.0126766	9.430717	.0304316	.0578344

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7034049	94.29648	F 38.83825	10.85647	.0452115	.0261902
Stddev	.0017222	.45658	.09118	.04500	.0001093	.0002855
%RSD	.2448433	.4842009	.2347740	.4144931	.2416581	1.089934

#1	.7053584	94.71748	38.74848	10.87236	.0453357	.0262088
#2	.7021057	94.36083	38.83550	10.89136	.0451304	.0264660
#3	.7027506	93.81114	38.93078	10.80568	.0451684	.0258960

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.294956	.1164233	.7109626	12.67494	3.000987	.0083745
Stddev	.204677	.0036745	.0067717	.04283	.007046	.0023031
%RSD	69.39240	3.156129	.9524745	.3379211	.2347831	27.50106

#1	-.331582	.1195653	.7076388	12.68391	3.004955	.0099073
#2	-.074439	.1123830	.7187540	12.71258	3.005155	.0057261
#3	-.478848	.1173216	.7064950	12.62834	2.992853	.0094902

Sample Name: K2937-17 Acquired: 05/28/2019 18:24:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA082 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146812	2.244736	3.777502	.0137689	1.047318	.0408760
Stddev	.0001243	.005741	.024848	.0001626	.002809	.0001481
%RSD	.8468162	.2557406	.6577843	1.180655	.2682309	.3624001
#1	.0146999	2.251342	3.806040	.0139463	1.050453	.0409907
#2	.0147952	2.241905	3.765802	.0136271	1.046471	.0407088
#3	.0145486	2.240961	3.760664	.0137334	1.045029	.0409286

Elem	Sr4077
Units	ppm
Avg	.1453279
Stddev	.0001035
%RSD	.0711902
#1	.1453931
#2	.1453820
#3	.1452086

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.054	2207.874	49407.69	11718.50	2823.603
Stddev	15.398	2.278	273.54	50.02	4.417
%RSD	.6855393	.1031658	.5536458	.4268384	.1564195
#1	2257.831	2207.316	49592.00	11668.72	2818.524
#2	2228.630	2205.927	49093.39	11718.04	2826.540
#3	2251.699	2210.379	49537.68	11768.75	2825.747

Sample Name: K2937-18 Acquired: 05/28/2019 18:28:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.194363	.0406082	1.794175	-.032471	.0680820	7.459313
Stddev	.001243	.0007685	.003349	.000959	.0012270	.024088
%RSD	.1040463	1.892368	.1866824	2.953397	1.802166	.3229249

#1	1.195789	.0413855	1.790331	-.031652	.0667793	7.483217
#2	1.193794	.0405901	1.795733	-.033526	.0692157	7.435045
#3	1.193508	.0398489	1.796463	-.032236	.0682510	7.459677

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431131	-.003877	.0100756	3.521096	-.042444	.0107285
Stddev	.0001352	.000074	.0000706	.003776	.000242	.0002418
%RSD	.3135302	1.915635	.7005209	.1072406	.5703873	2.253547

#1	.0429581	-.003947	.0101268	3.521851	-.042634	.0104552
#2	.0432063	-.003799	.0099950	3.516999	-.042526	.0109144
#3	.0431749	-.003885	.0101048	3.524437	-.042171	.0108159

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2845247	164.3023	F 155.9106	.1110626	.0050558	.3089441
Stddev	.0005424	.5027	1.0250	.0175007	.0004462	.0023220
%RSD	.1906529	.3059391	.6574250	15.75746	8.824850	.7515854

#1	.2843124	164.8156	155.4618	.1242252	.0055661	.3098251
#2	.2841206	163.8110	157.0835	.1177603	.0047391	.3106968
#3	.2851412	164.2804	155.1866	.0912023	.0048622	.3063106

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.461062	-.062606	1.373679	9.636663	1.423526	.0233250
Stddev	.151949	.007011	.010032	.020275	.001003	.0023313
%RSD	32.95622	11.19779	.7303141	.2103929	.0704879	9.994963

#1	-.524322	-.062823	1.365064	9.627949	1.424681	.0258824
#2	-.571162	-.055490	1.384694	9.659838	1.423032	.0227744
#3	-.287704	-.069506	1.371280	9.622202	1.422865	.0213183

Sample Name: K2937-18 Acquired: 05/28/2019 18:28:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA083 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527158	20.60062	1.290817	.0038529	.0138053	-.004097
Stddev	.0004804	.03278	.003631	.0008594	.0002376	.001393
%RSD	.9113070	.1591125	.2813298	22.30603	1.720767	33.99954
#1	.0532296	20.56367	1.294617	.0045573	.0135334	-.002489
#2	.0522777	20.61196	1.290453	.0028953	.0139724	-.004881
#3	.0526401	20.62621	1.287381	.0041059	.0139102	-.004921

Elem	Sr4077
Units	ppm
Avg	.1381342
Stddev	.0002831
%RSD	.2049225
#1	.1384046
#2	.1378400
#3	.1381581

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.531	2089.861	46237.15	10985.73	2785.220
Stddev	14.679	2.865	179.41	25.23	2.706
%RSD	.6938765	.1370970	.3880209	.2296517	.0971735
#1	2117.136	2087.135	46181.97	10980.02	2787.945
#2	2100.115	2092.848	46091.82	10963.85	2785.183
#3	2129.341	2089.600	46437.68	11013.33	2782.532

Sample Name: K2937-20 Acquired: 05/28/2019 18:37:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8876131	.0770390	1.307323	-.034811	.0240750	8.259167
Stddev	.0012078	.0019912	.003602	.002217	.0016051	.002710
%RSD	.1360776	2.584715	.2755588	6.368383	6.667170	.0328130

#1	.8863420	.0747840	1.308668	-.036852	.0230434	8.261254
#2	.8887458	.0777776	1.310060	-.035130	.0259243	8.260143
#3	.8877514	.0785555	1.303242	-.032452	.0232573	8.256104

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0820621	-.005345	.0219955	7.281919	-.037073	.0160438
Stddev	.0004578	.000172	.0001184	.025428	.000628	.0002194
%RSD	.5579073	3.225713	.5381763	.3491877	1.694592	1.367530

#1	.0815438	-.005212	.0221046	7.283839	-.037010	.0162399
#2	.0824114	-.005284	.0218697	7.306332	-.036478	.0160846
#3	.0822311	-.005540	.0220123	7.255586	-.037730	.0158068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6643222	99.24528	F 204.8240	1.003488	.0176682	.0947189
Stddev	.0032700	.26196	1.3764	.006183	.0001620	.0009596
%RSD	.4922308	.2639534	.6719890	.6161746	.9166010	1.013116

#1	.6605631	99.23288	205.3465	1.008806	.0176773	.0956647
#2	.6665095	99.51322	203.2628	1.004953	.0178253	.0947460
#3	.6658939	98.98974	205.8626	.996703	.0175018	.0937460

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.296883	-.163952	1.131053	5.072602	1.365711	-.000449
Stddev	.293210	.007292	.008243	.032032	.006146	.002616
%RSD	98.76261	4.447712	.7288296	.6314792	.4499959	583.2923

#1	-.061529	-.167668	1.131221	5.041553	1.365048	-.003400
#2	-.625340	-.155550	1.139211	5.070718	1.359924	.000470
#3	-.203780	-.168637	1.122727	5.105534	1.372161	.001584

Sample Name: K2937-20 Acquired: 05/28/2019 18:37:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA085 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442025	1.969381	4.831896	.0114171	.0515230	.0015364
Stddev	.0002463	.008242	.040126	.0004958	.0007282	.0003461
%RSD	.5572085	.4184913	.8304484	4.342655	1.413250	22.52460

#1	.0439388	1.971618	4.827318	.0119870	.0517661	.0018269
#2	.0444267	1.960252	4.794255	.0111794	.0507044	.0011535
#3	.0442420	1.976273	4.874115	.0110848	.0520986	.0016287

Elem	Sr4077
Units	ppm
Avg	.2992962
Stddev	.0001920
%RSD	.0641356

#1	.2992516
#2	.2995065
#3	.2991304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.134	2316.961	50804.19	12153.84	2816.179
Stddev	2.021	3.010	197.96	51.74	7.806
%RSD	.0861577	.1298963	.3896622	.4257070	.2771820

#1	2347.377	2315.129	50643.30	12161.77	2807.166
#2	2344.568	2315.320	50744.00	12201.16	2820.624
#3	2343.457	2320.435	51025.26	12098.59	2820.747

Sample Name: K2937-19 Acquired: 05/28/2019 18:33:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4527292	.0386829	.5353269	-.021998	.0136110	8.970210
Stddev	.0011996	.0036280	.0012868	.000516	.0002321	.030509
%RSD	.2649655	9.378804	.2403786	2.347491	1.705043	.3401105

#1	.4513819	.0421927	.5339597	-.021947	.0133568	8.937012
#2	.4536814	.0349472	.5355065	-.022537	.0138116	8.997018
#3	.4531243	.0389087	.5365144	-.021508	.0136644	8.976599

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1154579	-.001756	.0054082	7.602402	-.023411	.0131261
Stddev	.0008509	.000066	.0001107	.057725	.000890	.0001633
%RSD	.7369602	3.731947	2.047463	.7592934	3.801310	1.244360

#1	.1144784	-.001763	.0054943	7.539652	-.022627	.0131371
#2	.1158814	-.001687	.0052833	7.614308	-.024378	.0129575
#3	.1160140	-.001818	.0054472	7.653244	-.023228	.0132837

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2004084	62.53907	F 122.2049	1.759303	.0156609	.0367644
Stddev	.0020106	.06833	1.6956	.014313	.0003769	.0002418
%RSD	1.003270	.1092602	1.387535	.8135740	2.406280	.6577609

#1	.1988873	62.59780	120.9430	1.744255	.0160257	.0369650
#2	.1996500	62.55534	124.1324	1.760908	.0156841	.0368323
#3	.2026880	62.46408	121.5395	1.772746	.0152730	.0364959

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.232190	-.026405	.8757944	5.086969	.7625379	-.002315
Stddev	.135143	.008204	.0042421	.053171	.0018116	.000634
%RSD	58.20347	31.06914	.4843710	1.045231	.2375757	27.40328

#1	-.133622	-.017067	.8716341	5.028426	.7607330	-.002172
#2	-.386245	-.029690	.8756352	5.132261	.7625247	-.003009
#3	-.176705	-.032456	.8801138	5.100220	.7643561	-.001764

Sample Name: K2937-19 Acquired: 05/28/2019 18:33:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA084 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199835	.7022639	2.103749	.0061962	.0700173	.0003689
Stddev	.0001189	.0035790	.010327	.0012910	.0012101	.0005749
%RSD	.5947637	.5096309	.4908879	20.83543	1.728355	155.8373
#1	.0199428	.6983691	2.106082	.0076464	.0695411	-.000260
#2	.0201173	.7030147	2.112711	.0051721	.0691176	.000867
#3	.0198903	.7054079	2.092456	.0057701	.0713931	.000500

Elem	Sr4077
Units	ppm
Avg	.3210091
Stddev	.0009224
%RSD	.2873483
#1	.3203586
#2	.3220648
#3	.3206040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.507	2282.944	50540.73	11986.32	2816.737
Stddev	28.885	6.078	545.00	75.53	7.264
%RSD	1.241557	.2662147	1.078343	.6301430	.2578714
#1	2359.858	2285.907	51167.96	12062.18	2824.237
#2	2309.546	2275.954	50271.46	11911.12	2809.735
#3	2310.115	2286.972	50182.77	11985.65	2816.238

Sample Name: K2937-22 Acquired: 05/28/2019 18:45:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7780620	.0126217	1.428468	-.032301	.0105871	58.55360	.6594784
Stddev	.0066528	.0018371	.002378	.000718	.0003264	.23354	.0017439
%RSD	.8550438	14.55486	.1664934	2.222749	3.082866	.3988561	.2644332

#1	.7712975	.0139803	1.426044	-.031487	.0105928	58.31920	.6582757
#2	.7845971	.0133533	1.428563	-.032570	.0109106	58.78628	.6586811
#3	.7782913	.0105316	1.430798	-.032846	.0102579	58.55531	.6614784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074741	.0125761	138.3605	.0113180	.1517775	.4885318	272.7641
Stddev	.0000502	.0001669	.7041	.0003401	.0005943	.0021580	1.2326
%RSD	.6715104	1.327077	.5088861	3.005004	.3915711	.4417370	.4518752

#1	.0074751	.0123851	137.7406	.0113101	.1521062	.4862872	271.7764
#2	.0074235	.0126943	139.1260	.0109819	.1521349	.4905913	274.1454
#3	.0075238	.0126487	138.2148	.0116620	.1510914	.4887168	272.3704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.39146	40.26541	.1108239	-.006613	-.922866	.2530881	.8891653
Stddev	.12439	.26132	.0005597	.000502	.242788	.0012145	.0058829
%RSD	.4381349	.6489871	.5050175	7.590671	26.30803	.4798667	.6616231

#1	28.28073	40.10936	.1114441	-.006740	-1.17130	.2521367	.8901327
#2	28.52606	40.56709	.1106713	-.006060	-.91114	.2544560	.8828587
#3	28.36761	40.11978	.1103564	-.007039	-.68615	.2526715	.8945047

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93689	9.930109	.0309249	.0228321	1.565784	6.234687	.0041173
Stddev	.06049	.034121	.0037900	.0006985	.003658	.022229	.0005739
%RSD	.4049964	.3436104	12.25551	3.059102	.2336274	.3565320	13.93878

#1	14.87470	9.890766	.0308408	.0220268	1.561572	6.214429	.0038286
#2	14.99554	9.951615	.0271777	.0231964	1.568161	6.258466	.0037450
#3	14.94042	9.947945	.0347563	.0232730	1.567621	6.231166	.0047782

Sample Name: K2937-22 Acquired: 05/28/2019 18:45:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA087 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8000316	.1039853	.4194768
Stddev	.0051837	.0017656	.0010648
%RSD	.6479415	1.697900	.2538427

#1	.7949728	.1022897	.4182770
#2	.8053318	.1038527	.4203096
#3	.7997903	.1058134	.4198438

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.755	2153.789	48424.99	11607.99	2752.129
Stddev	7.896	7.911	42.34	44.35	3.817
%RSD	.3614342	.3672844	.0874366	.3820231	.1386972

#1	2181.664	2153.854	48470.22	11624.40	2751.217
#2	2193.729	2145.846	48418.46	11557.78	2748.850
#3	2178.871	2161.667	48386.30	11641.79	2756.319

Sample Name: K2936-01LX5 Acquired: 05/28/2019 18:53:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA047L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3184281	.0010628	.3121668	-.005083	.0024580	5.096510	.1078097
Stddev	.0020189	.0023010	.0006292	.002274	.0003555	.026753	.0007083
%RSD	.6340286	216.4971	.2015696	44.73936	14.46449	.5249333	.6570352

#1	.3188467	.0026670	.3120549	-.007522	.0021623	5.114089	.1075688
#2	.3162327	.0020949	.3128445	-.004707	.0023593	5.065721	.1086071
#3	.3202049	-.001574	.3116011	-.003020	.0028525	5.109721	.1072533

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000120	.0020427	1.852406	-.003036	.0072419	.1130058	28.98636
Stddev	.0000519	.0001624	.010136	.000233	.0000513	.0008766	.09065
%RSD	432.3379	7.948822	.5471923	7.670134	.7082198	.7757369	.3127219

#1	.0000589	.0021131	1.846315	-.002821	.0072420	.1119936	29.01787
#2	.0000209	.0018570	1.846796	-.003003	.0071906	.1135214	28.88416
#3	-.000044	.0021580	1.864107	-.003283	.0072932	.1135023	29.05704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.19893	1.486720	.0069920	.0337824	-.355217	.0418936	.5035982
Stddev	.17044	.016693	.0003731	.0001207	.086706	.0015333	.0032041
%RSD	.6266325	1.122775	5.335486	.3571944	24.40937	3.659859	.6362479

#1	27.29694	1.491467	.0066712	.0338121	-.291519	.0415772	.5056434
#2	27.00213	1.468168	.0069036	.0338855	-.453961	.0435604	.4999055
#3	27.29772	1.500525	.0074014	.0336497	-.320171	.0405432	.5052458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.732635	.9067891	-.005000	.0172125	2.142364	.6271733	.0025053
Stddev	.030325	.0049087	.001412	.0002117	.003390	.0027798	.0004985
%RSD	.8124175	.5413330	28.23074	1.229866	.1582465	.4432349	19.89779

#1	3.708022	.9080761	-.006429	.0172260	2.138779	.6300073	.0021329
#2	3.723372	.9013650	-.004967	.0169944	2.145518	.6244510	.0023113
#3	3.766511	.9109261	-.003606	.0174171	2.142794	.6270617	.0030716

Sample Name: K2936-01LX5 Acquired: 05/28/2019 18:53:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA047L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2641478	.0003993	.1436968
Stddev	.0012937	.0006103	.0001322
%RSD	.4897753	152.8555	.0920195

#1	.2626798	-.000136	.1437345
#2	.2646415	.001064	.1435499
#3	.2651219	.000269	.1438062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.306	1822.822	40280.78	9601.669	2783.210
Stddev	5.676	3.994	175.94	33.292	4.748
%RSD	.3062763	.2190860	.4367794	.3467292	.1705823

#1	1847.380	1818.261	40331.94	9577.581	2778.866
#2	1853.843	1825.690	40084.93	9639.658	2782.486
#3	1858.695	1824.516	40425.46	9587.767	2788.278

Sample Name: K2934-03LX5 Acquired: 05/28/2019 18:49:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA013L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021508	.0032125	.3775411	-.001144	.0264769	2.068658	.0215935
Stddev	.0022106	.0014937	.0010309	.000432	.0026264	.004867	.0003482
%RSD	2.164045	46.49603	.2730654	37.74994	9.919745	.2352752	1.612727

#1	.1040902	.0020476	.3772371	-.000709	.0259700	2.074029	.0213159
#2	.1026184	.0026933	.3786898	-.001151	.0293199	2.067404	.0219842
#3	.0997439	.0048964	.3766963	-.001572	.0241409	2.064540	.0214803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007806	.0006805	.9290296	-.003484	.0031322	.1677806	35.00255
Stddev	.0001182	.0001121	.0105956	.000145	.0000987	.0013076	.09958
%RSD	15.13691	16.46893	1.140505	4.165076	3.152056	.7793711	.2844903

#1	.0007858	.0006693	.9183469	-.003344	.0030724	.1678276	34.89236
#2	.0008961	.0007977	.9395360	-.003474	.0032462	.1690641	35.08610
#3	.0006599	.0005744	.9292058	-.003634	.0030782	.1664501	35.02918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.446064	.1622777	.0023530	.0691628	-.320590	.0074188	.1090118
Stddev	.005736	.0255468	.0003375	.0008507	.178602	.0033220	.0032352
%RSD	.3966312	15.74263	14.34515	1.230029	55.71050	44.77792	2.967797

#1	1.439618	.1709310	.0021983	.0699444	-.472439	.0036423	.1058884
#2	1.450603	.1335282	.0021205	.0692872	-.123814	.0087246	.1087985
#3	1.447971	.1823740	.0027402	.0682567	-.365518	.0098894	.1123484

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.688969	.2552822	-.002492	.0272840	2.628555	.7436408	-.000356
Stddev	.033379	.0011534	.000426	.0003371	.003493	.0042980	.000741
%RSD	1.976311	.4518252	17.10575	1.235405	.1328699	.5779651	207.9356

#1	1.726810	.2555597	-.002033	.0276621	2.631608	.7451452	-.001052
#2	1.676391	.2540154	-.002875	.0270149	2.629310	.7469843	-.000439
#3	1.663707	.2562716	-.002570	.0271750	2.624747	.7387928	.000422

Sample Name: K2934-03LX5 Acquired: 05/28/2019 18:49:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA013L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0089408	-.003320	.0201856
Stddev	.0007951	.000407	.0000742
%RSD	8.893265	12.24663	.3674859

#1	.0096363	-.003781	.0202433
#2	.0080740	-.003165	.0202117
#3	.0091120	-.003014	.0201020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.284	1803.418	40115.67	9519.446	2764.886
Stddev	17.743	3.849	257.74	34.723	6.146
%RSD	.9641387	.2134240	.6424859	.3647583	.2222908

#1	1855.558	1799.087	40280.99	9531.024	2760.499
#2	1844.473	1804.719	40247.33	9480.413	2771.910
#3	1820.822	1806.447	39818.70	9546.901	2762.248

Sample Name: K2937-08LX5 Acquired: 05/28/2019 18:57:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA030 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1054646	-.001334	.3188494	-.000975	-.001015	3.174534	.1890804
Stddev	.0012714	.000804	.0010496	.001405	.000522	.015345	.0008182
%RSD	1.205573	60.25194	.3291953	144.0120	51.44289	.4833839	.4327036

#1	.1047465	-.001845	.3181357	.000426	-.001091	3.159830	.1881447
#2	.1069327	-.001749	.3183579	-.000970	-.001494	3.173324	.1894360
#3	.1047147	-.000407	.3200546	-.002383	-.000459	3.190448	.1896607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015262	.0022700	2.942643	.0005684	.0043684	.1014032	11.34446
Stddev	.0000297	.0000119	.040482	.0003581	.0001319	.0007440	.06303
%RSD	1.946531	.5218848	1.375688	62.99125	3.019727	.7337044	.5556195

#1	.0015149	.0022664	2.930700	.0003891	.0042439	.1022453	11.30151
#2	.0015038	.0022603	2.909477	.0003355	.0045067	.1008349	11.31504
#3	.0015599	.0022832	2.987753	.0009807	.0043547	.1011292	11.41682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.751975	.8488415	.0037996	.0027427	-.260341	.0319963	.3009469
Stddev	.011720	.0148101	.0002672	.0002823	.256074	.0017280	.0026739
%RSD	.6689352	1.744744	7.031984	10.29195	98.36098	5.400449	.8884819

#1	1.744292	.8328732	.0038274	.0030350	-.192355	.0311687	.3034043
#2	1.746169	.8515248	.0040517	.0024717	-.045121	.0339824	.3013368
#3	1.765464	.8621265	.0035195	.0027213	-.543547	.0308378	.2980994

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.503620	.4135566	-.004845	.0022786	.1732524	1.013154	.0014023
Stddev	.046869	.0007901	.000129	.0004457	.0027645	.005086	.0003808
%RSD	3.117069	.1910405	2.665076	19.55894	1.595624	.5020056	27.15418

#1	1.519396	.4143471	-.004969	.0017720	.1760376	1.012965	.0011985
#2	1.450899	.4135557	-.004855	.0024539	.1732102	1.008165	.0011667
#3	1.540565	.4127669	-.004712	.0026100	.1705092	1.018332	.0018415

Sample Name: K2937-08LX5 Acquired: 05/28/2019 18:57:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA030 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0232003	-.004353	.0302945
Stddev	.0017327	.000456	.0000353
%RSD	7.468570	10.48336	.1164302

#1	.0213849	-.004228	.0303353
#2	.0233795	-.003973	.0302737
#3	.0248364	-.004859	.0302747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.550	1811.904	40174.51	9572.292	2763.001
Stddev	7.471	4.659	206.27	18.306	7.235
%RSD	.4052509	.2571204	.5134420	.1912345	.2618592

#1	1835.806	1816.120	39964.63	9557.303	2767.191
#2	1844.130	1812.690	40181.93	9592.693	2767.164
#3	1850.715	1806.902	40376.97	9566.879	2754.646

Sample Name: CCV047 Acquired: 05/28/2019 19:01:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.601011	4.847106	24.03414	4.630947	4.703646	406.0240	9.867381
Stddev	.007547	.019714	.06275	.003621	.010895	.8719	.012437
%RSD	.1640345	.4067181	.2610881	.0781822	.2316324	.2147431	.1260434

#1	4.607954	4.840928	23.99446	4.635054	4.712637	405.0615	9.855835
#2	4.592978	4.831220	24.00148	4.628216	4.706772	406.7611	9.880550
#3	4.602100	4.869169	24.10649	4.629572	4.691530	406.2493	9.865760

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4975695	2.419289	408.4229	14.83506	2.457631	14.57053	416.3231
Stddev	.0014656	.004492	1.3888	.00417	.004439	.02172	.9445
%RSD	.2945556	.1856646	.3400353	.0281349	.1806116	.1490966	.2268726

#1	.4972554	2.415230	406.8542	14.83231	2.453223	14.55051	415.2926
#2	.4991667	2.418522	409.4955	14.83986	2.457569	14.56744	416.5289
#3	.4962864	2.424115	408.9192	14.83301	2.462100	14.59363	417.1477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.56526	407.5872	2.441590	1.233999	407.2923	2.445953	14.08349
Stddev	.04076	.4795	.001707	.007996	1.2249	.003648	.04105
%RSD	.2798673	.1176395	.0699176	.6479396	.3007460	.1491645	.2914666

#1	14.52194	407.0882	2.439720	1.225292	406.2319	2.442134	14.11360
#2	14.57095	407.6289	2.441985	1.241011	408.6331	2.446323	14.10013
#3	14.60287	408.0445	2.443065	1.235696	407.0117	2.449403	14.03673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.7201	4.705302	5.030561	4.816180	4.628348	4.957947	4.937924
Stddev	.1679	.013079	.016681	.012006	.005125	.010179	.014261
%RSD	.1121686	.2779664	.3315880	.2492840	.1107410	.2053148	.2888049

#1	149.5284	4.707358	5.016721	4.824627	4.630268	4.951133	4.945444
#2	149.8415	4.691316	5.049082	4.802436	4.622540	4.969648	4.921477
#3	149.7903	4.717231	5.025879	4.821476	4.632236	4.953059	4.946851

Sample Name: CCV047 Acquired: 05/28/2019 19:01:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV047 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.914765	4.952984	4.848577
Stddev	.004970	.018432	.030804
%RSD	.1011158	.3721454	.6353302

#1	4.912440	4.931837	4.856912
#2	4.920471	4.965641	4.814462
#3	4.911384	4.961475	4.874356

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1562.585	1499.895	36393.90	8728.004	2446.449
Stddev	9.697	.447	102.92	24.203	5.024
%RSD	.6205631	.0298311	.2828041	.2773053	.2053695

#1	1560.167	1500.369	36419.22	8735.470	2452.107
#2	1554.326	1499.480	36280.68	8700.948	2444.728
#3	1573.262	1499.835	36481.80	8747.595	2442.511

Sample Name: CCB047 Acquired: 05/28/2019 19:05:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020142	.0011998	.0023283	.0027556	-.002578	-.002328	.0015411
Stddev	.0001529	.0012706	.0004251	.0013767	.000153	.003187	.0003102
%RSD	7.592725	105.9034	18.25565	49.95867	5.953599	136.9054	20.12530

#1	.0018386	.0004161	.0023503	.0011903	-.002645	-.006006	.0018486
#2	.0021182	.0005174	.0018927	.0037783	-.002403	-.000414	.0015465
#3	.0020859	.0026657	.0027420	.0032981	-.002687	-.000563	.0012283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000156	-.000073	.0011325	-.000028	-.000017	-.000745	-.002483
Stddev	.0000560	.000108	.0010719	.000043	.000175	.001216	.005440
%RSD	358.4972	148.4450	94.65420	156.2248	1008.583	163.1751	219.0310

#1	.0000526	.000015	-.000087	-.000050	.000050	-.000166	-.008736
#2	-.000049	-.000040	.001925	.000022	-.000216	-.002142	.000121
#3	.000043	-.000194	.001560	-.000055	.000114	.000073	.001164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001580	-.002879	.0003309	.0004834	-.572395	-.001084	-.000272
Stddev	.0005149	.014371	.0003720	.0004985	.125152	.000813	.001145
%RSD	325.8560	499.1976	112.4418	103.1309	21.86455	75.03489	421.3027

#1	.0000634	-.013915	-.000095	.0005588	-.628617	-.001543	-.001593
#2	-.000303	.013372	.000590	.0009399	-.659576	-.001564	.000368
#3	.000714	-.008094	.000498	-.000049	-.428992	-.000145	.000411

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2477606	.0008931	.0032128	.0004173	-.002585	.0008451	-.001868
Stddev	.0340675	.0021799	.0010512	.0003478	.004530	.0003817	.000504
%RSD	13.75018	244.0933	32.71841	83.33740	175.2015	45.16255	26.96798

#1	.2591157	-.000841	.0042230	.0000157	-.007085	.0012396	-.001791
#2	.2747004	.003340	.0032906	.0006156	-.002645	.0008180	-.002406
#3	.2094657	.000180	.0021249	.0006205	.001974	.0004777	-.001407

Sample Name: CCB047 Acquired: 05/28/2019 19:05:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v891) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB047 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013505	.0006483	.0000818
Stddev	.0006928	.0004036	.0000824
%RSD	51.29988	62.24890	100.6799

#1	.0005716	.0006919	.0001072
#2	.0018979	.0002247	-.000010
#3	.0015819	.0010282	.000149

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.028	1736.773	38436.61	9139.882	2733.266
Stddev	5.995	4.305	117.54	73.959	4.034
%RSD	.3388888	.2478665	.3057959	.8091925	.1476006

#1	1769.359	1733.388	38309.52	9225.265	2728.633
#2	1762.874	1741.619	38458.88	9098.715	2736.005
#3	1774.851	1735.313	38541.41	9095.667	2735.159