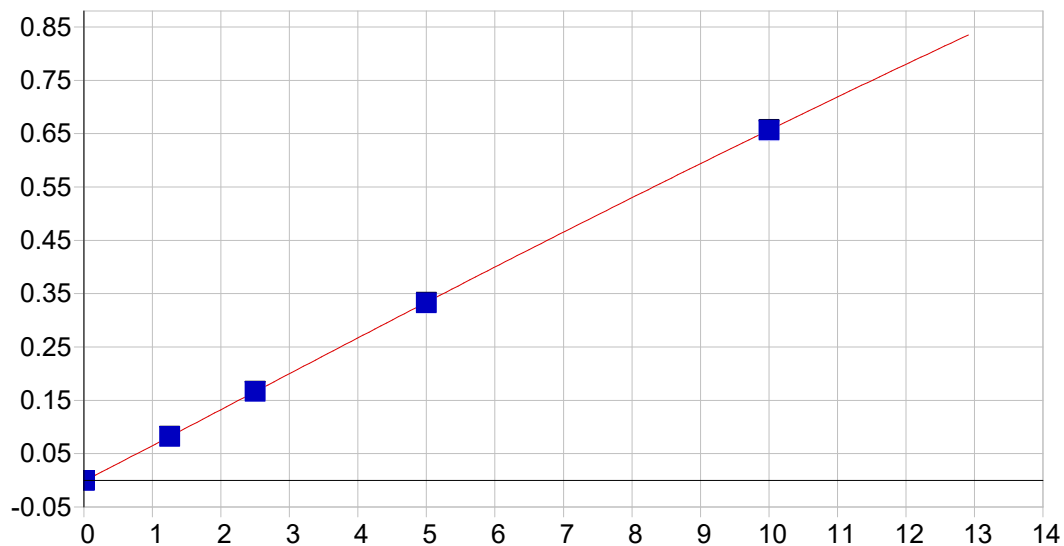


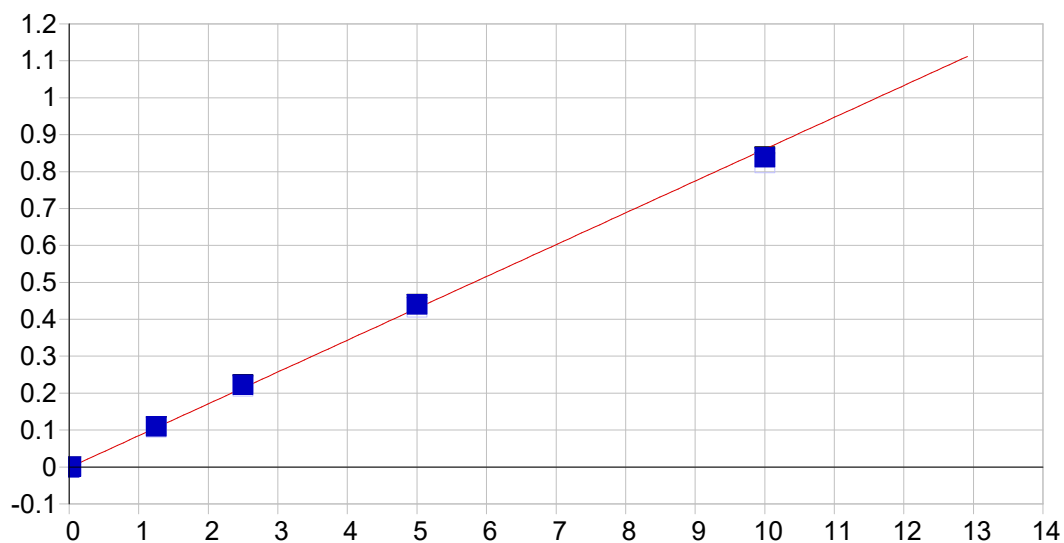


As 189.042 {479}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000542 Re-Slope: 1.000000
 A1 (Gain): 0.065994 Y-int: 0.000000
 A2 (Curvature): -0.000434
 n (Exponent): 1.030000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.003159
 Predicted MQL: 0.010529

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00054	.000	1
S1	.01000	.00793	-.002	-20.7	-.00009	.000	1
S2	1.2500	1.2568	.007	.543	.08198	.000	1
S3	2.5000	2.5044	.004	.176	.16588	.001	1
S4	5.0000	4.9850	-.015	-.299	.33162	.001	1
S5	10.000	10.006	.006	.057	.65473	.001	1

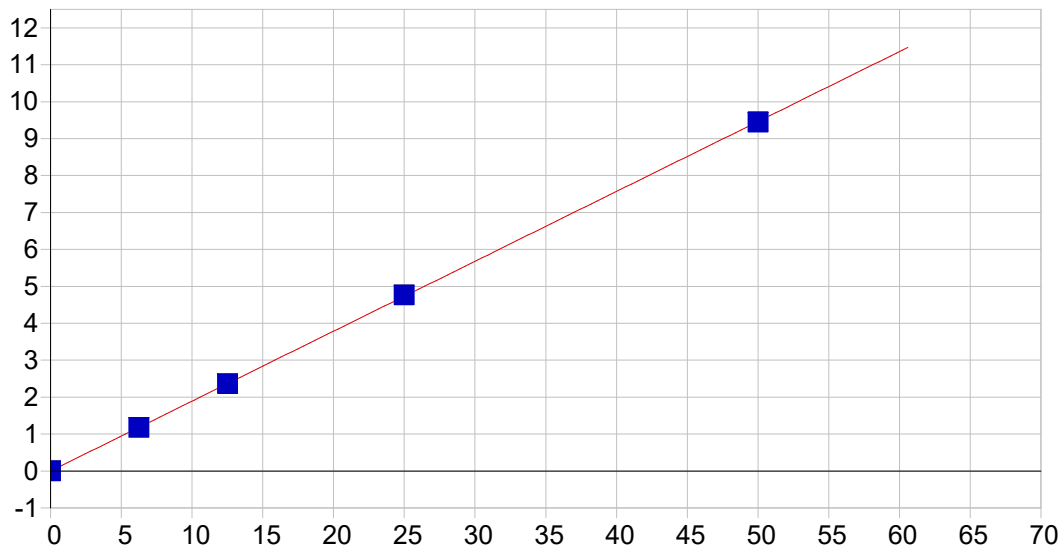


TI 190.856 {477}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001399 Re-Slope: 1.000000
 A1 (Gain): 0.086209 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999614 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.002383
 Predicted MQL: 0.007942

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00140	.000	1
S1	.02500	.02457	-.000	-1.73	.00063	.000	1
S2	1.2500	1.2862	.036	2.90	.10750	.000	1
S3	2.5000	2.5964	.096	3.85	.21846	.001	1
S4	5.0000	5.1196	.120	2.39	.43201	.001	1
S5	10.000	9.7483	-.252	-2.52	.82310	.002	1

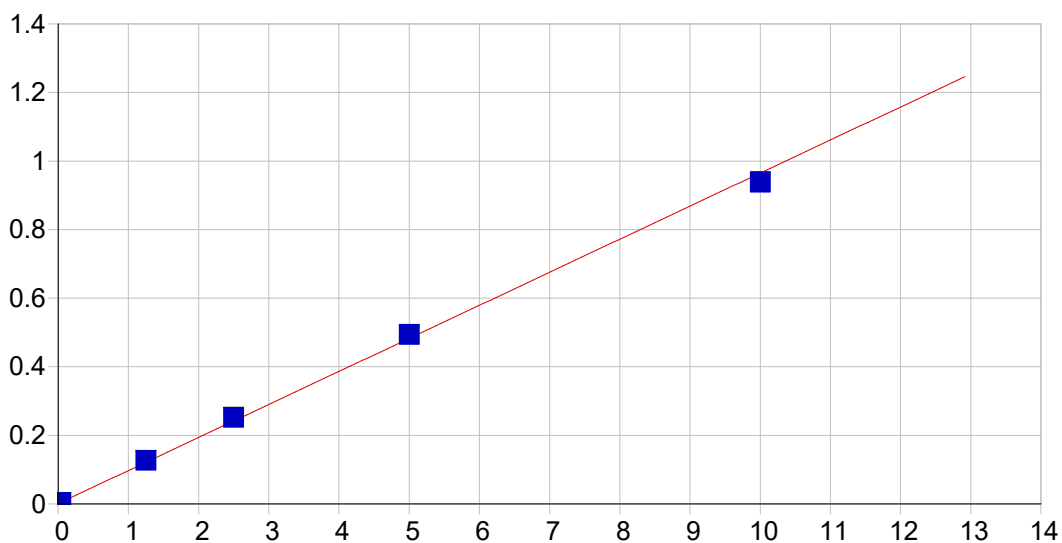


Pb 220.353 {453}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000633	Re-Slope:	1.000000
A1 (Gain):	0.189258	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.002230		
Predicted MQL:	0.007432		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00063	.000	1
S1	.01000	.00978	-.000	-2.20	.00122	.000	1
S2	6.2500	6.2096	-.040	-.646	1.1745	.002	1
S3	12.500	12.498	-.002	-.018	2.3644	.003	1
S4	25.000	25.147	.147	.588	4.7582	.008	1
S5	50.000	49.896	-.104	-.209	9.4416	.010	1

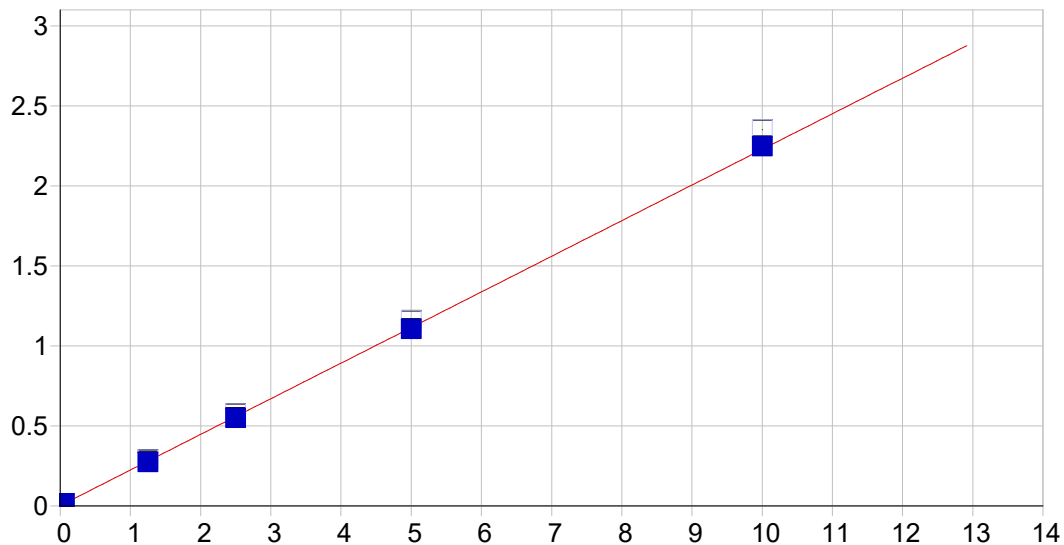


Se 196.090 {472}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000905 Re-Slope: 1.000000
 A1 (Gain): 0.096395 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999547 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.002545
 Predicted MQL: 0.008484

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00090	.000	1
S1	.03500	.03467	-.000	-.930	.00425	.000	1
S2	1.2500	1.3035	.053	4.28	.12624	.001	1
S3	2.5000	2.6046	.105	4.18	.25134	.001	1
S4	5.0000	5.1169	.117	2.34	.49288	.000	1
S5	10.000	9.7253	-.275	-2.75	.93585	.001	1

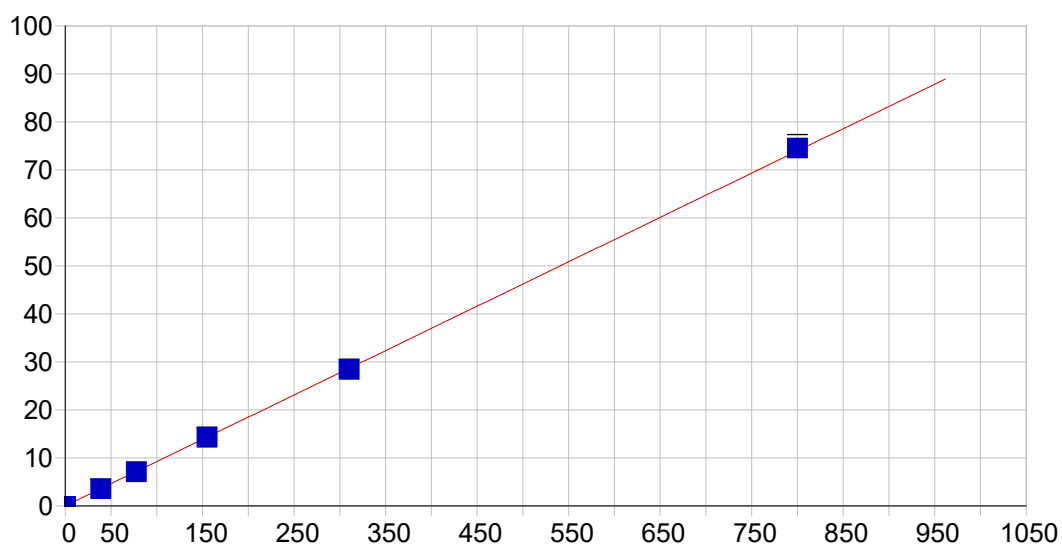


Sb 206.833 {463}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001659	Re-Slope:	1.000000
A1 (Gain):	0.222637	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.000096		
Predicted MDL:	0.001574		
Predicted MQL:	0.005246		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00166	.000	1
S1	.06000	.06118	.001	1.96	.01529	.000	1
S2	1.2500	1.2264	-.024	-1.89	.28751	.002	1
S3	2.5000	2.4659	-.034	-1.36	.57629	.001	1
S4	5.0000	4.9631	-.037	-.738	1.1579	.002	1
S5	10.000	10.093	.093	.934	2.3513	.002	1

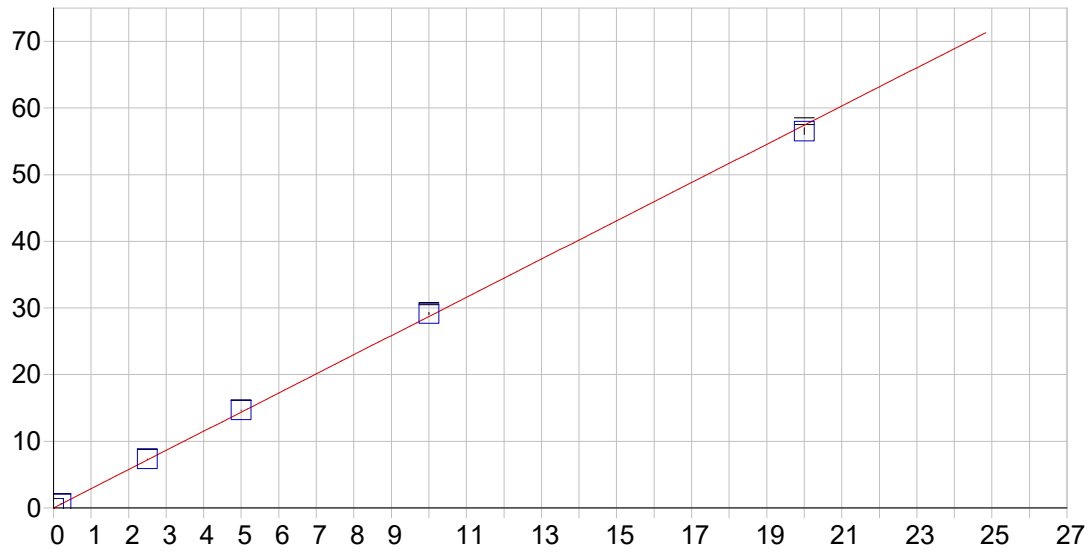


AI 396.152 { 85}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005148 Re-Slope: 1.000000
 A1 (Gain): 0.092452 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000512
 Predicted MDL: 0.009083
 Predicted MQL: 0.030275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00515	.000	1
S1	.20000	.19405	-.006	-2.97	.02341	.000	1
S2	38.750	38.043	-.707	-1.82	3.5295	.014	1
S3	77.500	76.290	-1.21	-1.56	7.0727	.021	1
S4	155.00	154.01	-.993	-.641	14.272	.078	1
S5	310.00	307.05	-2.95	-.951	28.450	.056	1
S6	800.00	805.87	5.87	.734	74.556	.779	1

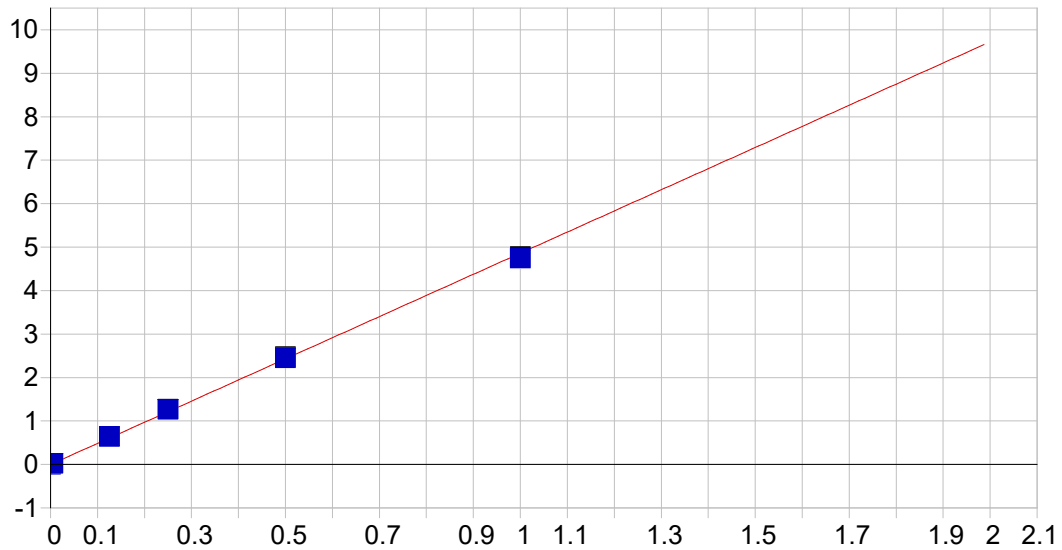


Ba 493.409 { 68}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.019433	Re-Slope:	1.000000
A1 (Gain):	2.870648	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999860	Status:	OK.
Std Error of Est:	0.005105		
Predicted MDL:	0.000891		
Predicted MQL:	0.002968		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01939	.001	1
S1	.20000	.20663	.007	3.32	.61260	.002	1
S2	2.5000	2.5445	.045	1.78	7.3239	.008	1
S3	5.0000	5.1074	.107	2.15	14.681	.027	1
S4	10.000	10.154	.154	1.54	29.167	.160	1
S5	20.000	19.688	-.312	-1.56	56.536	.489	1

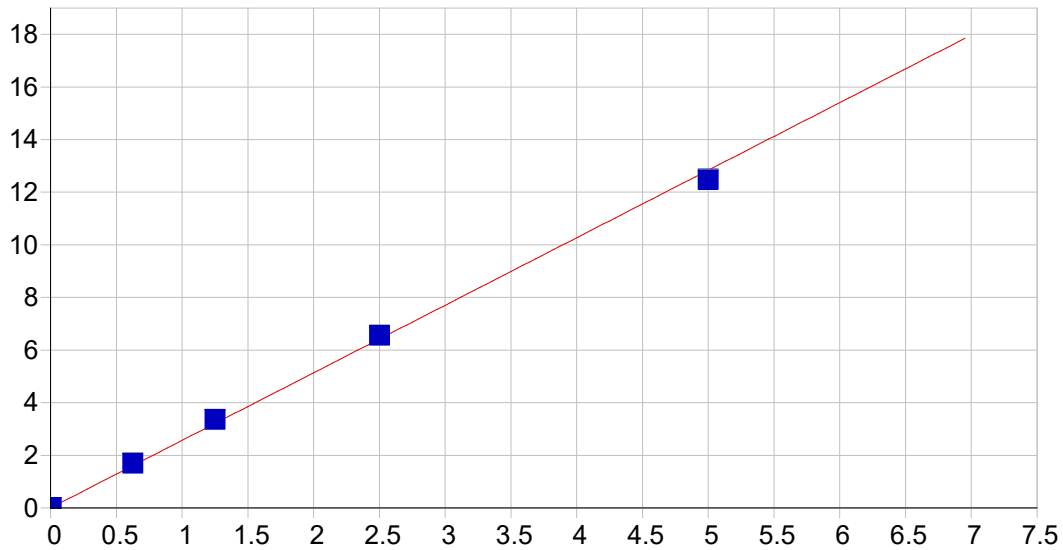


Be 234.861 {144}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002027	Re-Slope:	1.000000
A1 (Gain):	4.862582	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999608	Status:	OK.
Std Error of Est:	0.000509		
Predicted MDL:	0.000065		
Predicted MQL:	0.000216		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00203	.000	1
S1	.00500	.00527	.000	5.42	.02359	.000	1
S2	.12500	.13182	.007	5.45	.63693	.004	1
S3	.25000	.26080	.011	4.32	1.2621	.004	1
S4	.50000	.50554	.006	1.11	2.4481	.019	1
S5	1.0000	.97657	-.023	-2.34	4.7305	.034	1

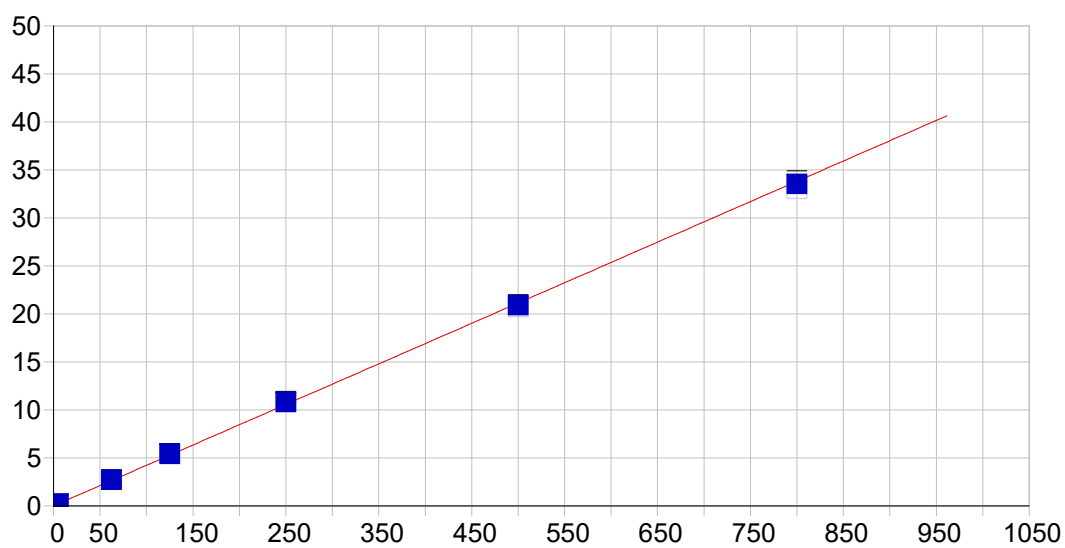


Cd 214.438 {457}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000452	Re-Slope:	1.000000
A1 (Gain):	2.567580	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999480	Status:	OK.
Std Error of Est:	0.000695		
Predicted MDL:	0.000115		
Predicted MQL:	0.000384		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00045	.000	1
S1	.00500	.00547	.000	9.42	.01451	.000	1
S2	.62500	.65993	.035	5.59	1.6973	.003	1
S3	1.2500	1.3071	.057	4.57	3.3615	.006	1
S4	2.5000	2.5513	.051	2.05	6.5610	.006	1
S5	5.0000	4.8562	-.144	-2.88	12.489	.010	1

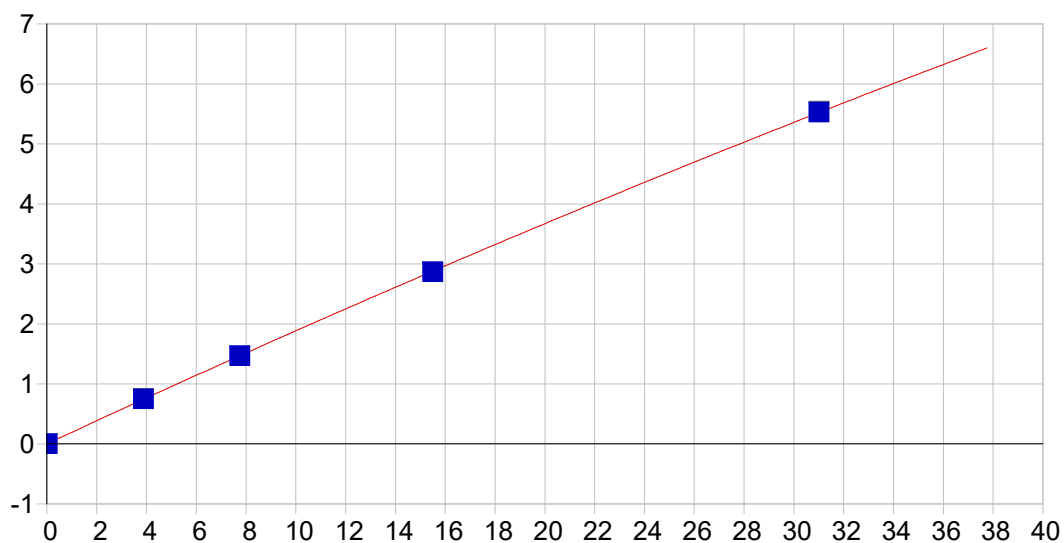


Ca 373.690 { 90}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001840 Re-Slope: 1.000000
 A1 (Gain): 0.042266 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.002408
 Predicted MDL: 0.014783
 Predicted MQL: 0.049278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00067	-.001	.000	.00181	.000	1
S1	5.0000	5.3437	.344	6.87	.22763	.002	1
S2	62.500	64.439	1.94	3.10	2.7018	.020	1
S3	125.00	128.42	3.42	2.73	5.3822	.029	1
S4	250.00	256.51	6.51	2.60	10.749	.065	1
S5	500.00	494.56	-5.44	-1.09	20.716	.070	1
S6	800.00	793.19	-6.81	-.851	33.022	.334	1

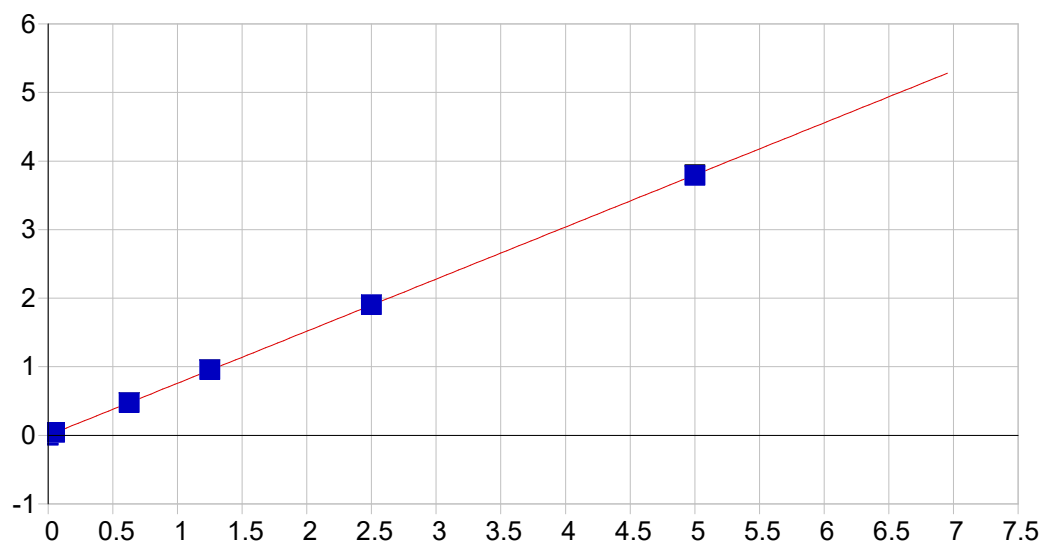


Cr 267.716 {126}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000041	Re-Slope:	1.000000
A1 (Gain):	0.193415	Y-int:	0.000000
A2 (Curvature):	-0.000493		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.000542		
Predicted MQL:	0.001806		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01112	.001	11.2	.00219	.000	1
S2	3.8750	3.9059	.031	.796	.74890	.002	1
S3	7.7500	7.7615	.011	.148	1.4734	.003	1
S4	15.500	15.422	-.078	-.502	2.8694	.005	1
S5	31.000	31.035	.035	.112	5.5353	.008	1

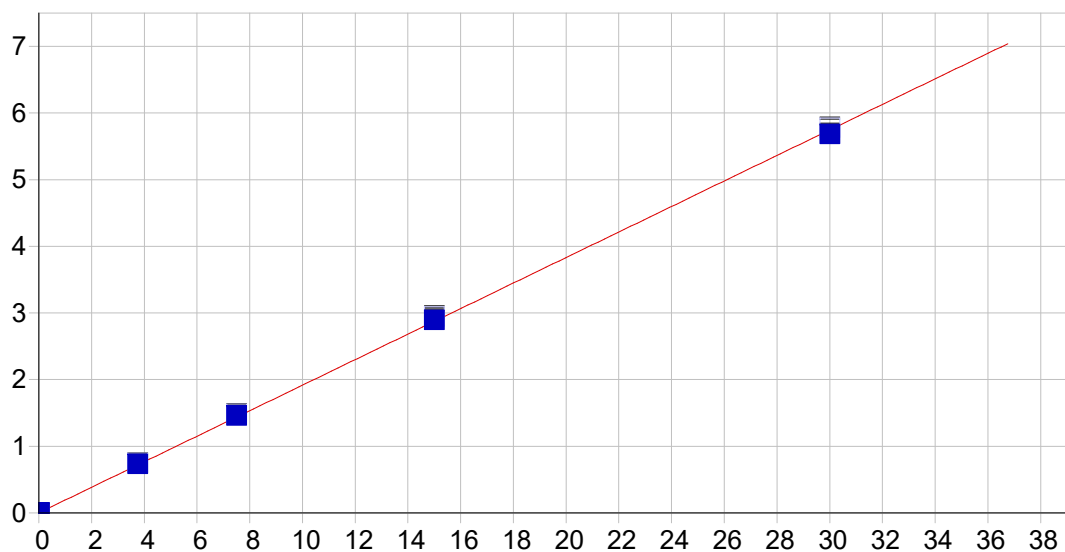


Co 228.616 {448}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000220	Re-Slope:	1.000000
A1 (Gain):	0.759531	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000076		
Predicted MDL:	0.000372		
Predicted MQL:	0.001239		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00022	.000	1
S1	.05000	.05140	.001	2.80	.03895	.000	1
S2	.62500	.62524	.000	.039	.47543	.001	1
S3	1.2500	1.2571	.007	.571	.95613	.001	1
S4	2.5000	2.5056	.006	.223	1.9059	.002	1
S5	5.0000	4.9856	-.014	-.287	3.7926	.008	1

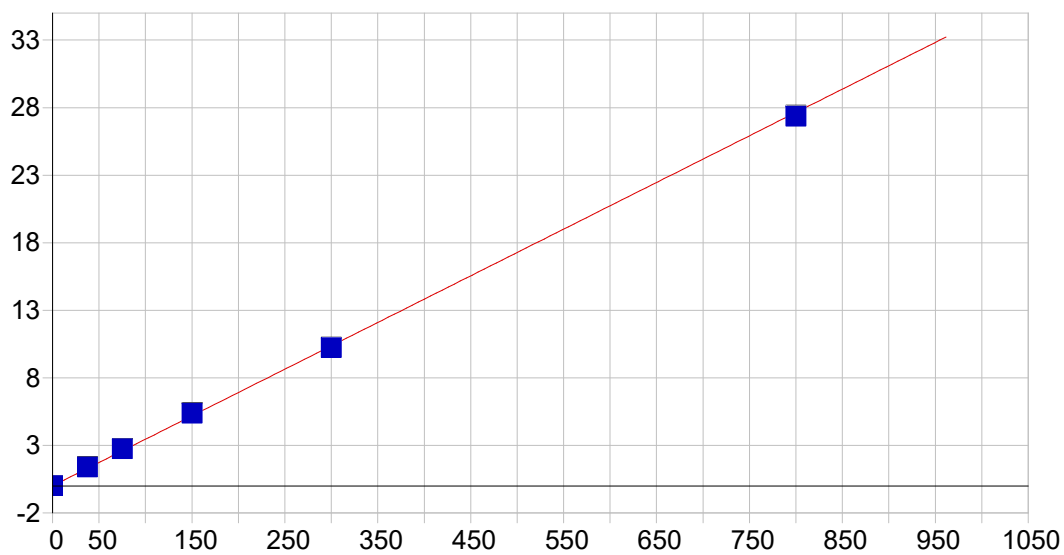


Cu 324.754 {104}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001400 Re-Slope: 1.000000
 A1 (Gain): 0.191518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.002483
 Predicted MQL: 0.008275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00140	.000	1
S1	.02500	.02339	-.002	-6.46	.00684	.001	1
S2	3.7500	3.8389	.089	2.37	.74813	.001	1
S3	7.5000	7.6211	.121	1.61	1.4840	.003	1
S4	15.000	15.115	.115	.764	2.9422	.014	1
S5	30.000	29.677	-.323	-1.08	5.7773	.013	1

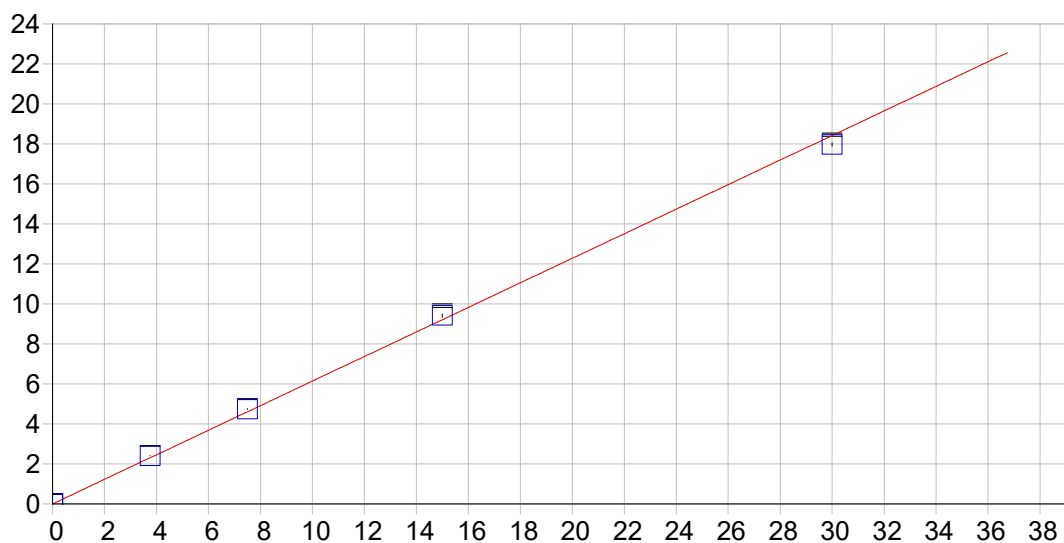


Fe 259.837 {130}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000017	Re-Slope:	1.000000
A1 (Gain):	0.034554	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999710	Status:	OK.
Std Error of Est:	0.000364		
Predicted MDL:	0.007585		
Predicted MQL:	0.025284		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00002	.000	1
S1	.10000	.11256	.013	12.6	.00405	.000	1
S2	37.500	40.196	2.70	7.19	1.3917	.008	1
S3	75.000	79.307	4.31	5.74	2.7458	.016	1
S4	150.00	155.54	5.54	3.69	5.3853	.029	1
S5	300.00	295.92	-4.08	-1.36	10.247	.022	1
S6	800.00	791.52	-8.48	-1.06	27.385	.049	1

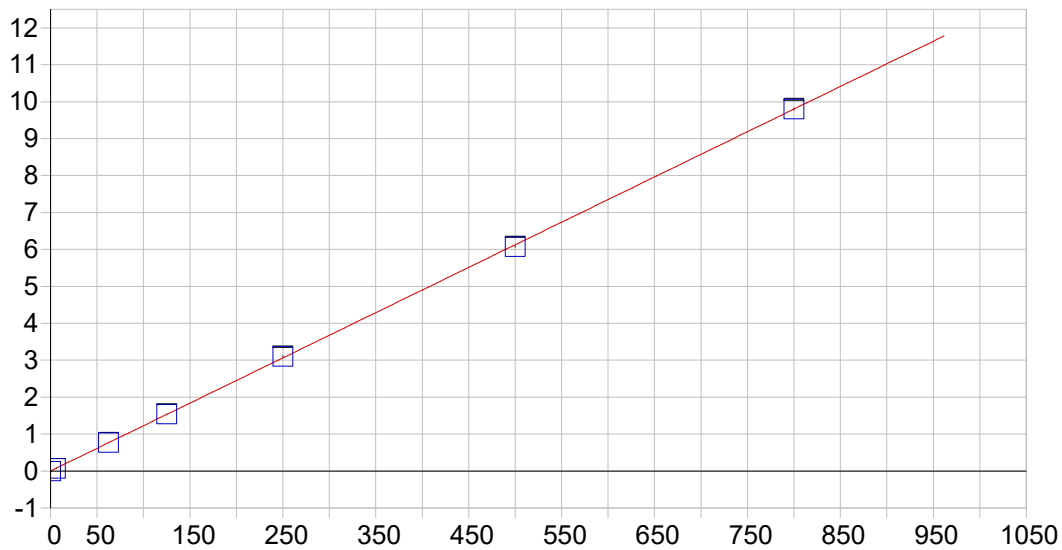


Mn 257.610 {131}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000427	Re-Slope:	1.000000
A1 (Gain):	0.614002	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999646	Status:	OK.
Std Error of Est:	0.000581		
Predicted MDL:	0.000404		
Predicted MQL:	0.001345		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00043	.000	1
S1	.01500	.01665	.002	11.0	.01065	.000	1
S2	3.7500	3.9187	.169	4.50	2.4065	.012	1
S3	7.5000	7.7236	.224	2.98	4.7428	.028	1
S4	15.000	15.338	.338	2.25	9.4178	.088	1
S5	30.000	29.268	-.732	-2.44	17.971	.078	1

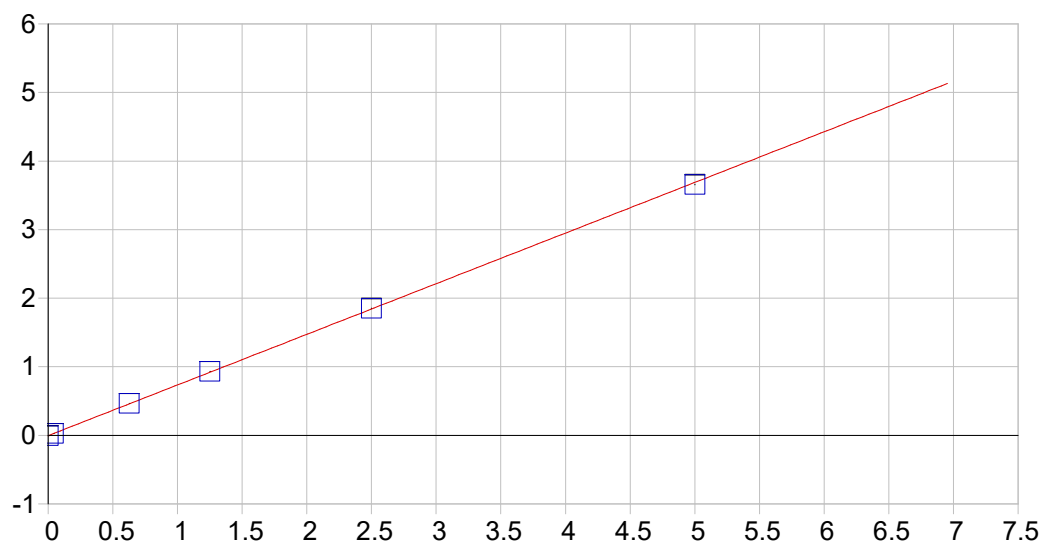


Mg 279.079 {121}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000029	Re-Slope:	1.000000
A1 (Gain):	0.012250	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999975	Status:	OK.
Std Error of Est:	0.000302		
Predicted MDL:	0.024512		
Predicted MQL:	0.081708		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00031	-.000	.000	.00003	.000	1
S1	5.0000	5.2355	.235	4.71	.06416	.000	1
S2	62.500	62.888	.388	.621	.77038	.005	1
S3	125.00	125.55	.553	.443	1.5380	.009	1
S4	250.00	253.03	3.03	1.21	3.0996	.018	1
S5	500.00	495.88	-4.12	-.824	6.0743	.009	1
S6	800.00	799.91	-.089	-.011	9.7986	.025	1

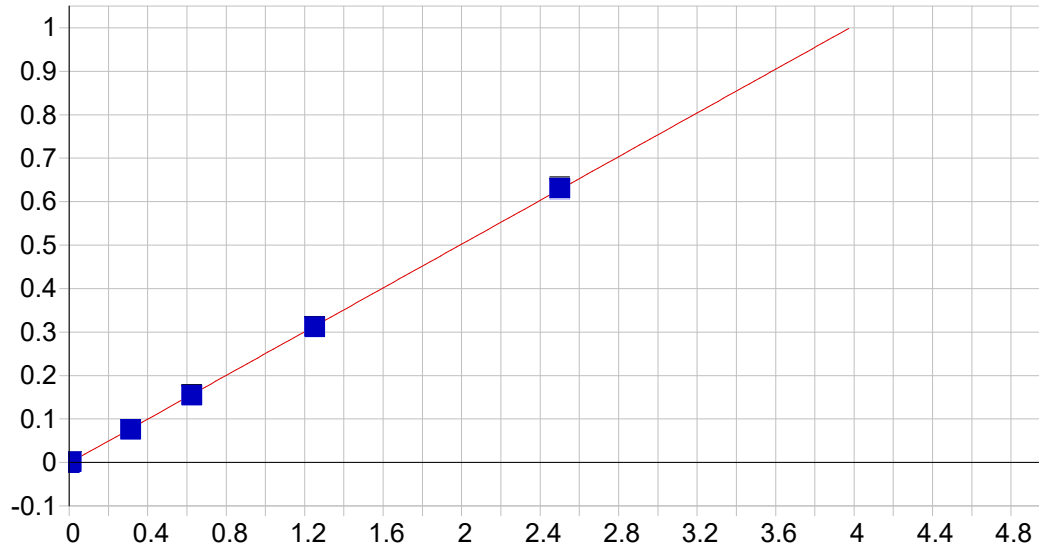


Ni 231.604 {446}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003725 Re-Slope: 1.000000
A1 (Gain): 0.738379 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999946 Status: OK.
Std Error of Est: 0.000182
Predicted MDL: 0.000505
Predicted MQL: 0.001682

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00373	.000	1
S1	.04000	.04337	.003	8.42	.02830	.000	1
S2	.62500	.63313	.008	1.30	.46376	.000	1
S3	1.2500	1.2665	.017	1.32	.93144	.001	1
S4	2.5000	2.5132	.013	.529	1.8520	.005	1
S5	5.0000	4.9588	-.041	-.825	3.6577	.006	1

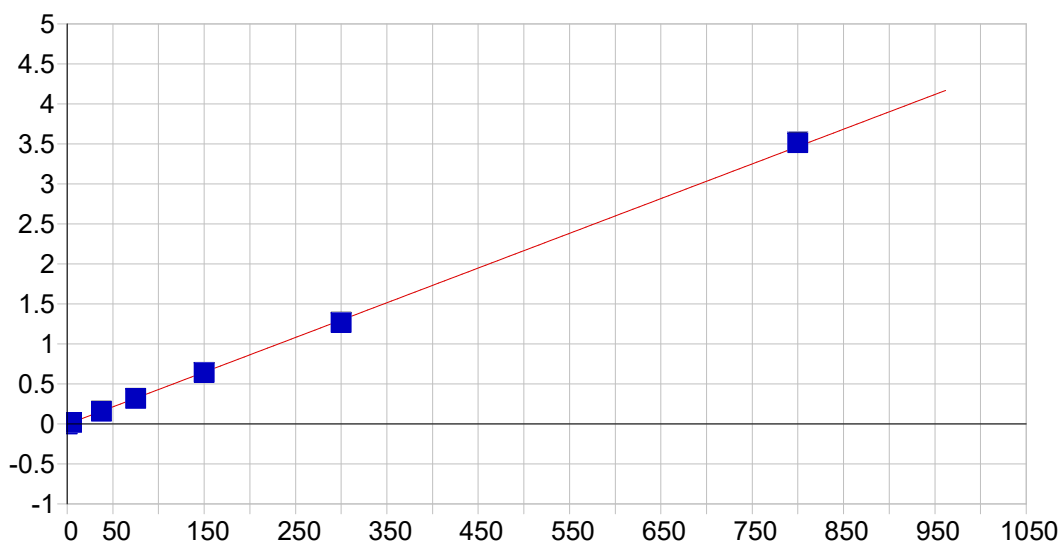


Ag 328.068 {103}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001083	Re-Slope:	1.000000
A1 (Gain):	0.251617	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.000608		
Predicted MQL:	0.002028		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00108	.000	1
S1	.01000	.01085	.001	8.46	.00163	.000	1
S2	.31250	.30698	-.006	-1.77	.07565	.000	1
S3	.62500	.61921	-.006	-.927	.15369	.001	1
S4	1.2500	1.2467	-.003	-.264	.31056	.000	1
S5	2.5000	2.5138	.014	.551	.62732	.002	1

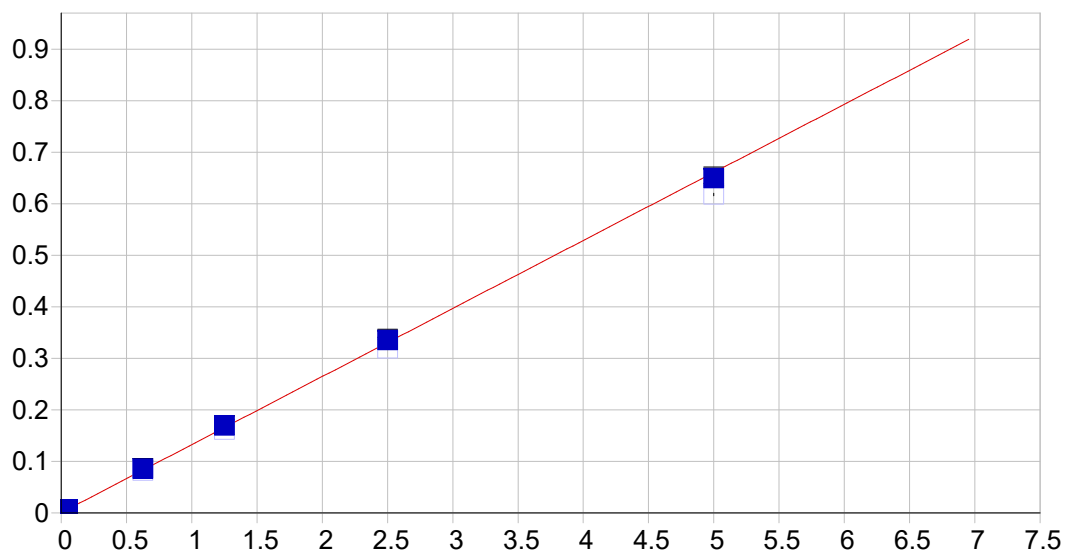


Na 818.326 { 41}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.005320	Re-Slope:	1.000000
A1 (Gain):	0.004340	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999867	Status:	OK.
Std Error of Est:	0.000220		
Predicted MDL:	0.317448		
Predicted MQL:	1.058159		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	-.00532	.001	1
S1	5.0000	5.1230	.123	2.46	.01692	.001	1
S2	37.500	37.198	-.302	-.806	.15683	.002	1
S3	75.000	73.721	-1.28	-1.70	.31606	.003	1
S4	150.00	148.54	-1.46	-.973	.64221	.004	1
S5	300.00	292.45	-7.55	-2.52	1.2697	.004	1
S6	800.00	810.46	10.5	1.31	3.5274	.002	1

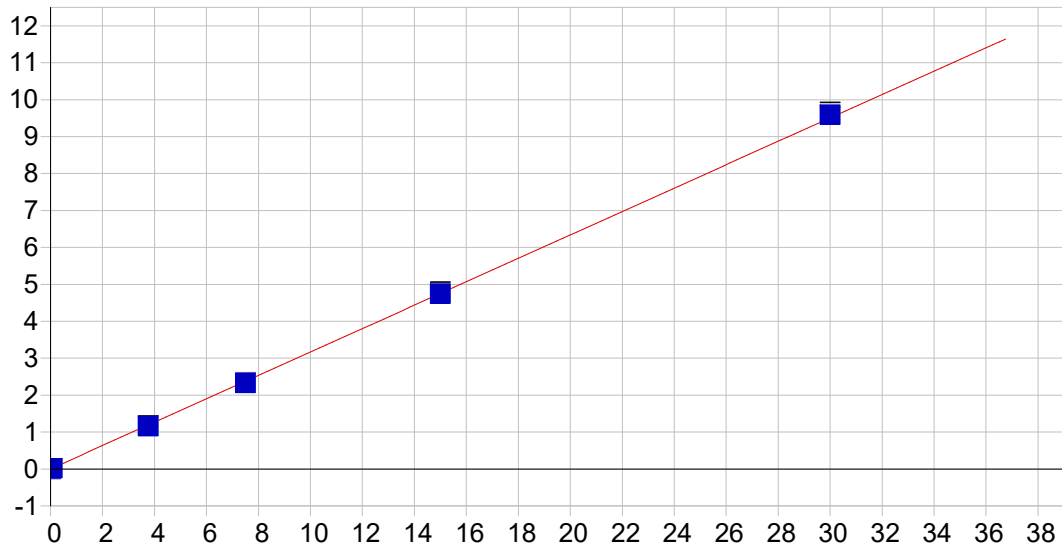


V 292.402 {115}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000491 Re-Slope: 1.000000
 A1 (Gain): 0.132069 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.002674
 Predicted MQL: 0.008913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00049	.000	1
S1	.05000	.05245	.002	4.91	.00741	.000	1
S2	.62500	.64598	.021	3.36	.08185	.000	1
S3	1.2500	1.2779	.028	2.24	.16135	.000	1
S4	2.5000	2.5349	.035	1.40	.31944	.002	1
S5	5.0000	4.9136	-.086	-1.73	.61777	.002	1

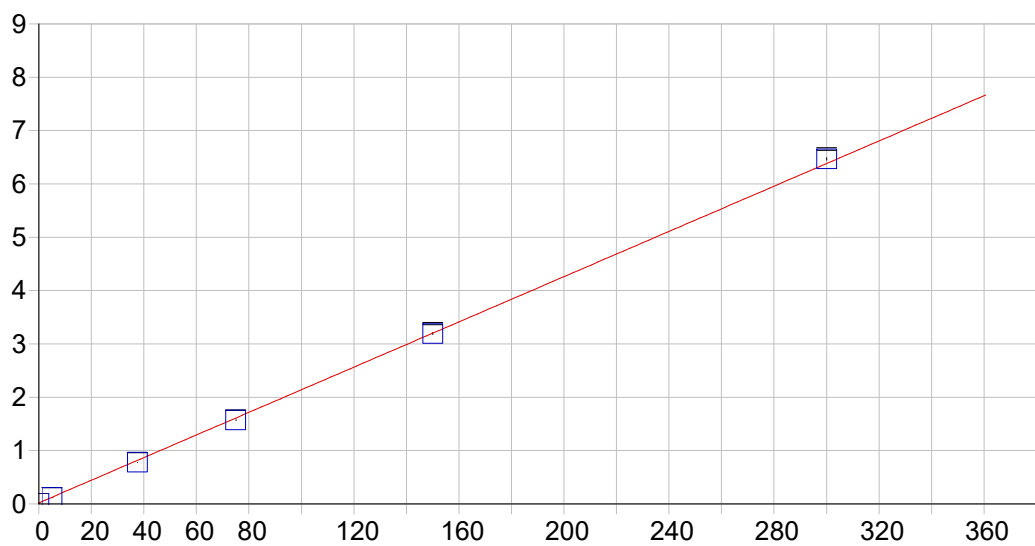


Zn 213.856 {158}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000143	Re-Slope:	1.000000
A1 (Gain):	0.316853	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000257		
Predicted MDL:	0.001876		
Predicted MQL:	0.006253		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.06000	.06198	.002	3.29	.01955	.000	1
S2	3.7500	3.6595	-.090	-2.41	1.1613	.017	1
S3	7.5000	7.3565	-.144	-1.91	2.3347	.011	1
S4	15.000	14.971	-.029	-.192	4.7513	.044	1
S5	30.000	30.261	.261	.869	9.6036	.064	1

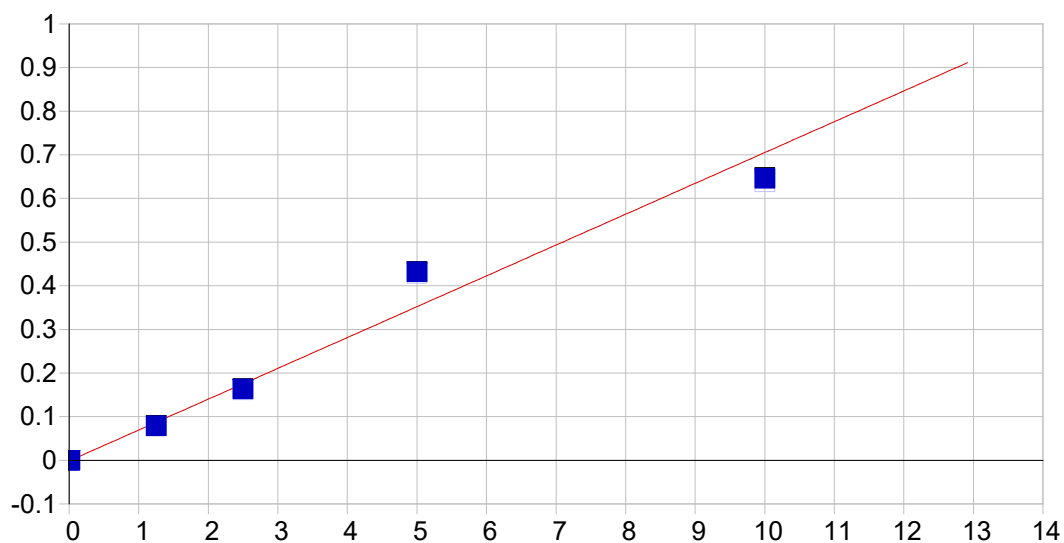


K 769.896 { 44}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020093 Re-Slope: 1.000000
 A1 (Gain): 0.021205 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000794
 Predicted MDL: 0.067366
 Predicted MQL: 0.224553

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00056	.001	.000	.02011	.001	1
S1	5.0000	4.7284	-.272	-5.43	.12036	.002	1
S2	37.500	35.824	-1.68	-4.47	.77974	.003	1
S3	75.000	73.212	-1.79	-2.38	1.5725	.002	1
S4	150.00	149.71	-.295	-.197	3.1946	.019	1
S5	300.00	304.03	4.03	1.34	6.4670	.023	1

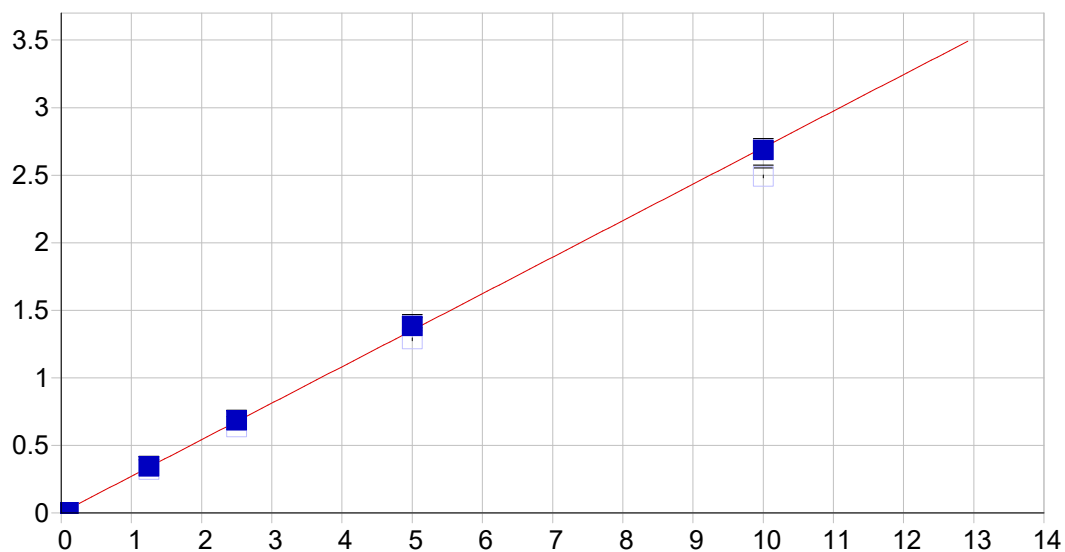


P 177.495 {490}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001270 Re-Slope: 1.000000
 A1 (Gain): 0.070646 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.990588 Status: OK.
 Std Error of Est: 0.000162
 Predicted MDL: 0.002242
 Predicted MQL: 0.007474

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00127	.000	1
S1	.01000	.01094	.001	9.42	-.00050	.000	1
S2	1.2500	1.1321	-.118	-9.43	.07772	.001	1
S3	2.5000	2.3296	-.170	-6.82	.16133	.001	1
S4	5.0000	6.1316	1.13	22.6	.42794	.001	1
S5	10.000	9.1558	-.844	-8.44	.63763	.002	1

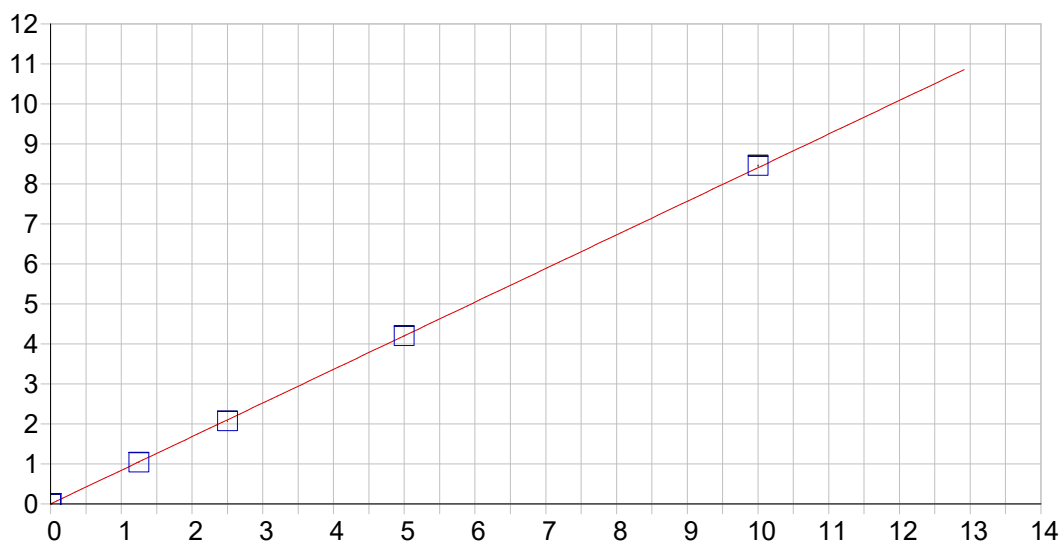


B 249.678 {135}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001067 Re-Slope: 1.000000
 A1 (Gain): 0.270278 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997385 Status: OK.
 Std Error of Est: 0.000966
 Predicted MDL: 0.001174
 Predicted MQL: 0.003912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00109	.000	1
S1	.10000	.00970	-.090	-90.3	.00363	.000	1
S2	1.2500	1.2684	.018	1.47	.31936	.002	1
S3	2.5000	2.5280	.028	1.12	.63528	.002	1
S4	5.0000	5.1136	.114	2.27	1.2851	.011	1
S5	10.000	9.9372	-.063	-.628	2.4907	.012	1

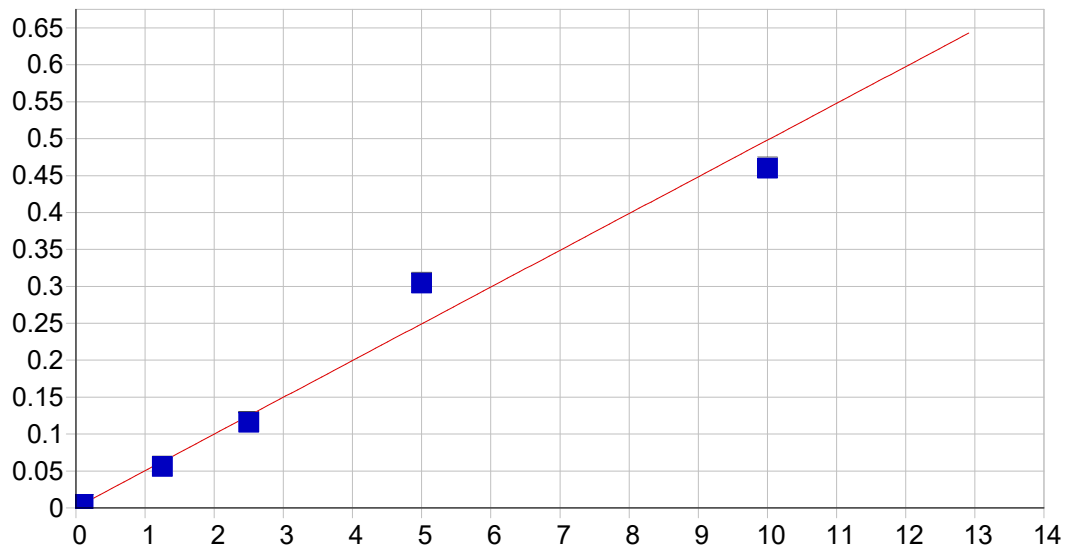


Mo 202.030 {467}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000891	Re-Slope:	1.000000
A1 (Gain):	0.840539	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000113		
Predicted MDL:	0.000373		
Predicted MQL:	0.001242		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00089	.000	1
S1	.01000	.01051	.001	5.14	.00973	.000	1
S2	1.2500	1.2344	-.016	-1.24	1.0385	.003	1
S3	2.5000	2.4600	-.040	-1.60	2.0686	.004	1
S4	5.0000	4.9963	-.004	-.073	4.2005	.005	1
S5	10.000	10.059	.059	.587	8.4556	.013	1

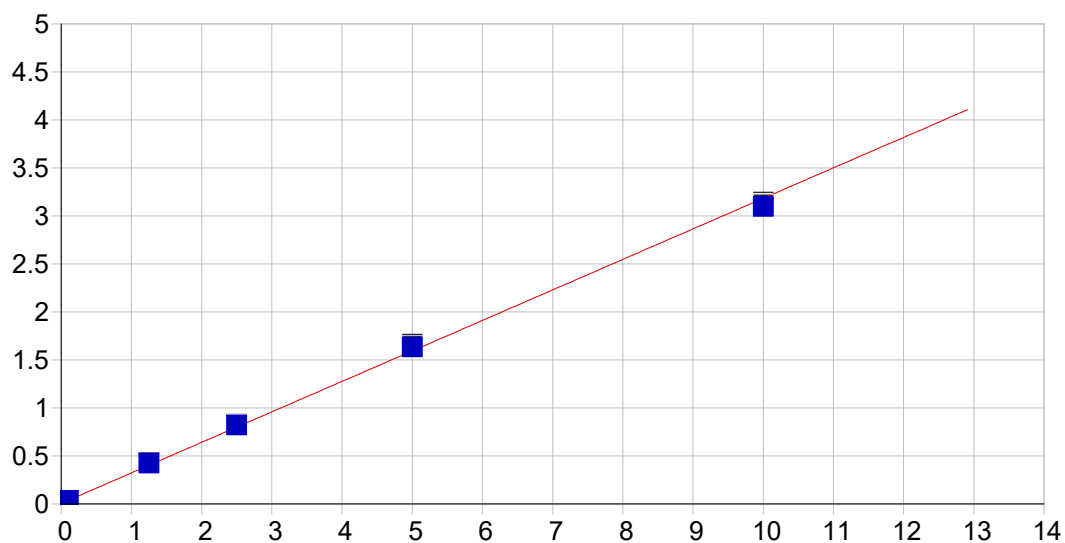


S 182.034 {485}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000544 Re-Slope: 1.000000
 A1 (Gain): 0.049750 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.991290 Status: OK.
 Std Error of Est: 0.000352
 Predicted MDL: 0.003647
 Predicted MQL: 0.012156

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00054	.000	1
S1	.10000	.08664	-.013	-13.4	.00485	.000	1
S2	1.2500	1.1128	-.137	-11.0	.05603	.000	1
S3	2.5000	2.3156	-.184	-7.38	.11600	.001	1
S4	5.0000	6.1051	1.11	22.1	.30480	.001	1
S5	10.000	9.2299	-.770	-7.70	.46078	.001	1

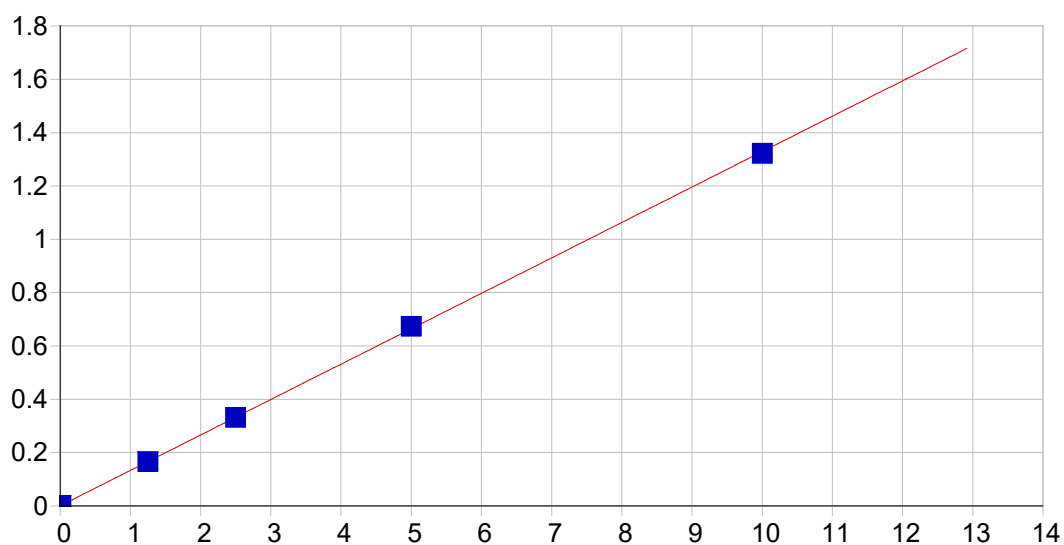


Si 251.611 {134}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005280 Re-Slope: 1.000000
 A1 (Gain): 0.317686 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999573 Status: OK.
 Std Error of Est: 0.000498
 Predicted MDL: 0.001161
 Predicted MQL: 0.003868

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00528	.000	1
S1	.10000	.10598	.006	5.98	.03906	.001	1
S2	1.2500	1.3184	.068	5.47	.42763	.003	1
S3	2.5000	2.5664	.066	2.66	.82763	.002	1
S4	5.0000	5.1284	.128	2.57	1.6485	.013	1
S5	10.000	9.7309	-.269	-2.69	3.1247	.019	1

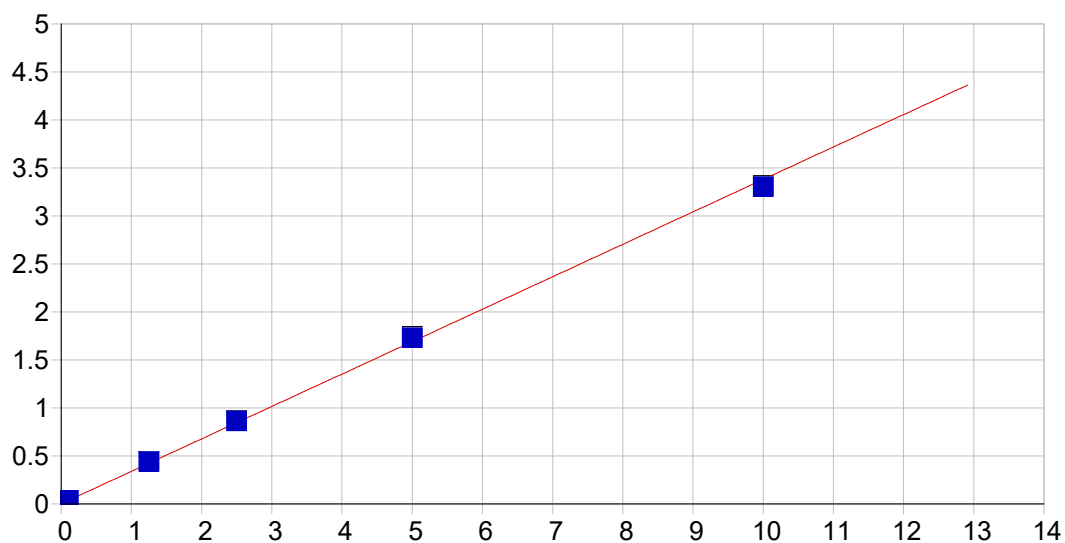


Sn 189.989 {478}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000284	Re-Slope:	1.000000
A1 (Gain):	0.132846	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:	0.001308		
Predicted MQL:	0.004362		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.00700	.00642	-.001	-8.32	.00111	.000	1
S2	1.2500	1.2482	-.002	-.145	.16576	.001	1
S3	2.5000	2.4915	-.009	-.341	.33058	.000	1
S4	5.0000	5.0627	.063	1.25	.67146	.001	1
S5	10.000	9.9482	-.052	-.518	1.3191	.000	1

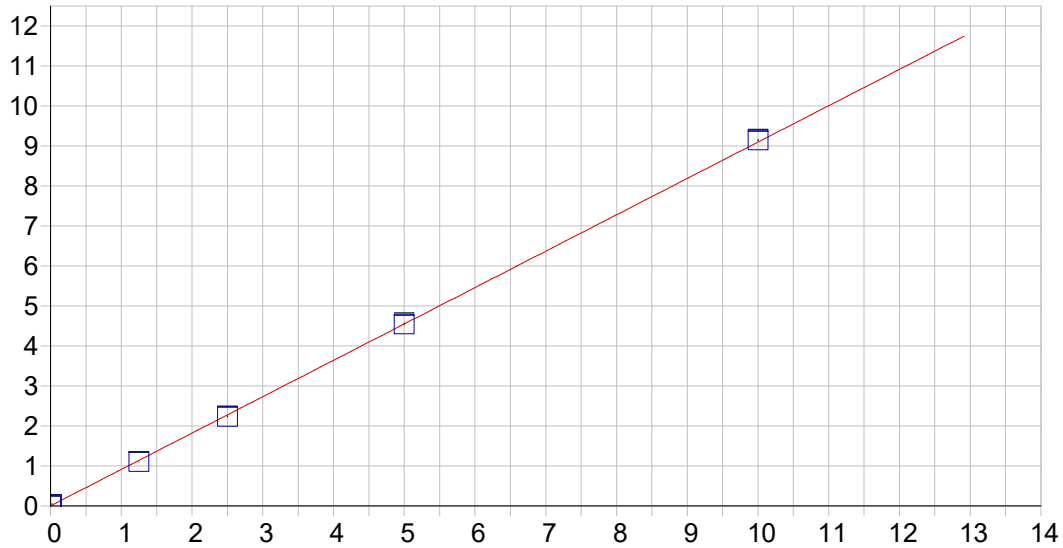


Ti 336.121 {100}

Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001388	Re-Slope:	1.000000
A1 (Gain):	0.337824	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999708	Status:	OK.
Std Error of Est:	0.000434		
Predicted MDL:	0.001387		
Predicted MQL:	0.004623		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00138	.000	1
S1	.10000	.10769	.008	7.69	.03776	.001	1
S2	1.2500	1.2955	.046	3.64	.43889	.002	1
S3	2.5000	2.5478	.048	1.91	.86182	.004	1
S4	5.0000	5.1209	.121	2.42	1.7308	.012	1
S5	10.000	9.7781	-.222	-2.22	3.3035	.009	1



Li 670.784 { 50}

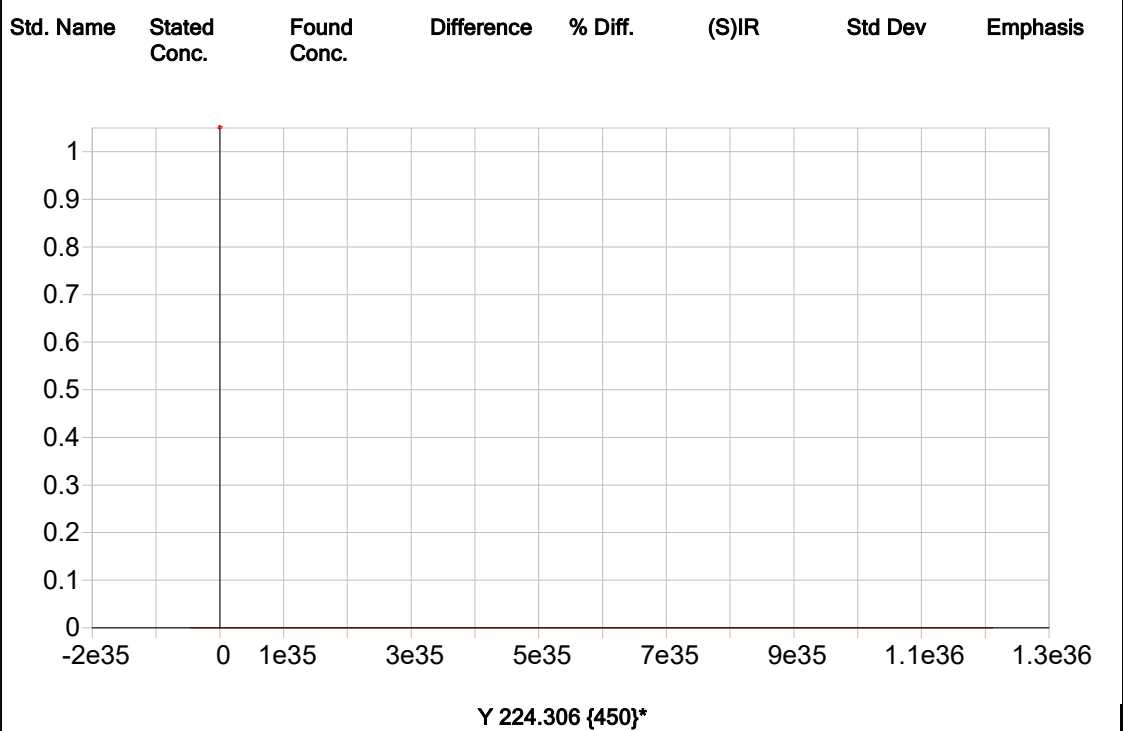
Date of Fit: 05/29/2019 15:20:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002811 Re-Slope: 1.000000
 A1 (Gain): 0.909584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998022 Status: OK.
 Std Error of Est: 0.001177
 Predicted MDL: 0.001792
 Predicted MQL: 0.005973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00278	.002	1
S5	10.000	10.056	.056	.564	9.1499	.024	1
S4	5.0000	4.9971	-.003	-.057	4.5481	.026	1
S3	2.5000	2.4541	-.046	-1.84	2.2350	.010	1
S2	1.2500	1.2096	-.040	-3.23	1.1031	.003	1
S1	.01500	.04784	.033	219.	.04633	.001	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 371.030 { 91}*

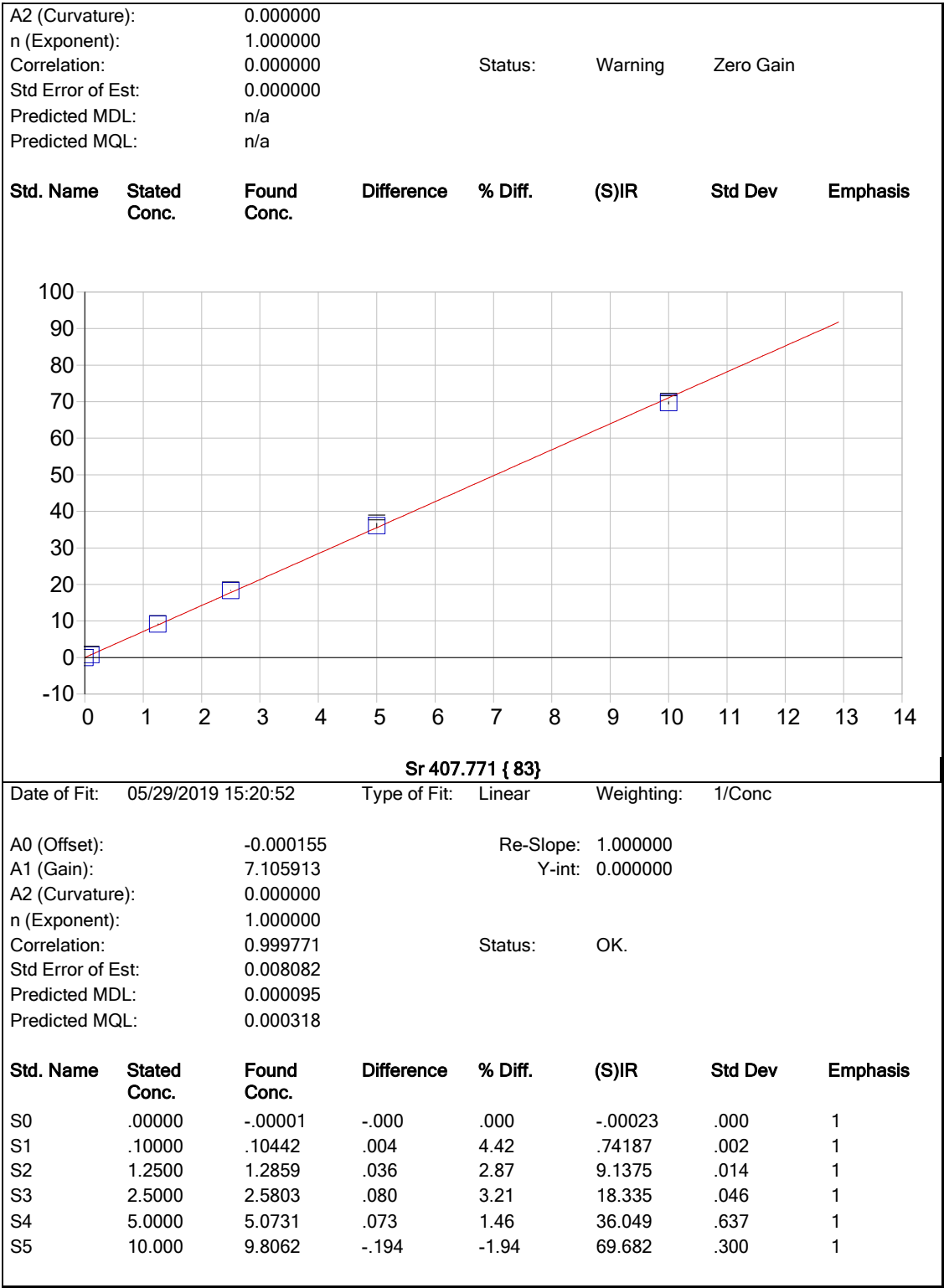
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 05/29/2019 14:46:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00054	-.00140	-.00063	.00090	.00166	.00515	.01939	-.00203
Stddev	.00012	.00018	.00019	.00034	.00015	.00049	.00138	.00015
%RSD	22.620	13.012	30.817	37.152	9.0153	9.4711	7.1274	7.4957
#1	-.00066	-.00120	-.00054	.00053	.00173	.00500	.01895	-.00220
#2	-.00041	-.00156	-.00050	.00118	.00149	.00570	.01828	-.00190
#3	-.00056	-.00143	-.00086	.00100	.00176	.00476	.02094	-.00200
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00045	.00181	.00004	-.00022	.00140	.00002	.00043	.00003
Stddev	.00019	.00036	.00016	.00020	.00028	.00022	.00017	.00015
%RSD	42.271	19.637	390.52	88.829	20.299	1348.5	40.022	597.60
#1	.00067	.00222	-.00011	-.00036	.00154	.00011	.00032	-.00014
#2	.00033	.00168	.00020	.00000	.00159	-.00023	.00062	.00008
#3	.00035	.00154	.00003	-.00030	.00107	.00017	.00033	.00015
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	-.00373	-.00108	-.00532	.00049	-.00014	.02011	-.00127	.00109
Stddev	.00044	.00009	.00053	.00016	.00021	.00064	.00005	.00024
%RSD	11.886	8.4516	9.9721	31.784	147.93	3.1711	4.2580	21.987
#1	-.00349	-.00119	-.00593	.00032	-.00012	.01956	-.00124	.00092
#2	-.00346	-.00104	-.00506	.00063	-.00036	.01994	-.00124	.00098
#3	-.00424	-.00102	-.00497	.00053	.00006	.02081	-.00133	.00136
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	.00089	.00054	.00528	.00028	.00138	.00278	-.00023	
Stddev	.00010	.00015	.00025	.00013	.00025	.00210	.00023	
%RSD	11.768	27.431	4.6609	47.391	18.084	75.448	101.71	
#1	.00096	.00059	.00499	.00044	.00156	.00039	-.00012	
#2	.00095	.00067	.00543	.00021	.00149	.00366	-.00007	
#3	.00077	.00038	.00540	.00020	.00110	.00430	-.00049	

Sample Name: S0 Acquired: 05/29/2019 14:46:54 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.4	2177.7	38032.	9031.1	2727.4
Stddev	5.5	4.9	89.	18.1	6.9
%RSD	.31930	.22690	.23353	.20050	.25390
#1	1729.2	2177.8	37930.	9023.5	2720.0
#2	1740.2	2182.6	38093.	9018.0	2733.8
#3	1733.9	2172.7	38073.	9051.8	2728.4

Sample Name: S1 Acquired: 05/29/2019 14:51:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00009	.00063	.00122	.00425	.01529	.02341	.61260	.02359
Stddev	.00008	.00013	.00005	.00026	.00011	.00029	.00227	.00039
%RSD	90.637	20.927	4.4915	6.0641	.72593	1.2407	.37092	1.6666

#1	-.00015	.00059	.00125	.00454	.01541	.02365	.61270	.02338
#2	.00000	.00052	.00125	.00406	.01526	.02309	.61028	.02404
#3	-.00013	.00077	.00115	.00414	.01520	.02348	.61482	.02334

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	.01451	.22763	.00219	.03895	.00684	.00405	.01065	.06416
Stddev	.00020	.00183	.00008	.00019	.00061	.00010	.00028	.00034
%RSD	1.3448	.80416	3.4705	.49842	8.9121	2.4648	2.6479	.53387

#1	.01437	.22616	.00211	.03885	.00622	.00416	.01097	.06432
#2	.01473	.22968	.00226	.03884	.00684	.00399	.01056	.06439
#3	.01442	.22706	.00221	.03918	.00744	.00400	.01043	.06377

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	.02830	.00163	.01692	.00741	.01955	.12036	-.00050	.00363
Stddev	.00013	.00008	.00092	.00024	.00024	.00194	.00005	.00013
%RSD	.44392	5.1175	5.4348	3.2517	1.2140	1.6137	10.970	3.5675

#1	.02819	.00170	.01753	.00717	.01929	.12129	-.00048	.00349
#2	.02844	.00154	.01586	.00765	.01976	.11813	-.00046	.00373
#3	.02827	.00164	.01735	.00741	.01959	.12166	-.00056	.00368

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	.00973	.00485	.03906	.00111	.03776	.04633	.74187	
Stddev	.00015	.00021	.00065	.00016	.00054	.00098	.00236	
%RSD	1.5574	4.3253	1.6658	13.983	1.4363	2.1256	.31818	

#1	.00986	.00469	.03852	.00096	.03713	.04744	.73919	
#2	.00956	.00478	.03978	.00127	.03808	.04599	.74362	
#3	.00977	.00509	.03887	.00109	.03806	.04556	.74281	

Sample Name: S1 Acquired: 05/29/2019 14:51:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.1	2169.6	38010.	8960.9	2767.3
Stddev	9.4	7.0	115.	33.7	3.4
%RSD	.54363	.32139	.30219	.37582	.12432
#1	1729.5	2161.6	37878.	8973.3	2763.5
#2	1734.0	2173.2	38067.	8922.8	2770.3
#3	1747.7	2174.1	38085.	8986.6	2768.2

Sample Name: S2 Acquired: 05/29/2019 14:55:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08198	.10750	1.1745	.12624	.28751	3.5295	7.3239	.63693
Stddev	.00046	.00036	.0021	.00064	.00160	.0139	.0078	.00378
%RSD	.55757	.33067	.17540	.50430	.55622	.39384	.10653	.59325

#1	.08191	.10710	1.1753	.12575	.28799	3.5141	7.3152	.63936
#2	.08156	.10759	1.1721	.12600	.28573	3.5329	7.3261	.63257
#3	.08247	.10779	1.1760	.12696	.28882	3.5413	7.3304	.63885

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6973	2.7018	.74890	.47543	.74813	1.3917	2.4065	.77038
Stddev	.0027	.0198	.00176	.00093	.00114	.0082	.0121	.00550
%RSD	.16041	.73340	.23507	.19490	.15218	.58827	.50469	.71353

#1	1.6984	2.6856	.74771	.47631	.74780	1.3862	2.3964	.76595
#2	1.6942	2.6958	.74808	.47446	.74940	1.3877	2.4031	.76867
#3	1.6993	2.7239	.75093	.47551	.74720	1.4011	2.4200	.77654

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	.46376	.07565	.15683	.08185	1.1613	.77974	.07772	.31936
Stddev	.00015	.00005	.00172	.00021	.0172	.00312	.00071	.00177
%RSD	.03281	.06959	1.0959	.26099	1.4782	.40070	.91110	.55294

#1	.46366	.07563	.15553	.08163	1.1481	.78084	.07702	.32058
#2	.46394	.07560	.15619	.08206	1.1807	.77621	.07770	.31734
#3	.46368	.07570	.15878	.08185	1.1552	.78216	.07844	.32017

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0385	.05603	.42763	.16576	.43889	1.1031	9.1375
Stddev	.0033	.00034	.00262	.00055	.00223	.0032	.0136
%RSD	.31806	.60619	.61275	.33344	.50834	.28649	.14833

#1	1.0397	.05567	.42854	.16589	.43671	1.0997	9.1269
#2	1.0347	.05609	.42468	.16515	.43881	1.1036	9.1329
#3	1.0410	.05634	.42968	.16623	.44117	1.1059	9.1528

Sample Name: S2 Acquired: 05/29/2019 14:55:07 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1713.5	2137.2	38199.	9033.5	2765.7
Stddev	9.7	2.9	68.	52.1	3.1
%RSD	.56438	.13706	.17815	.57708	.11151
#1	1719.4	2136.3	38252.	9011.7	2765.2
#2	1702.4	2140.5	38122.	9093.0	2768.9
#3	1718.8	2134.9	38222.	8995.9	2762.8

Sample Name: S3 Acquired: 05/29/2019 14:58:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.16588	.21846	2.3644	.25134	.57629	7.0727	14.681	1.2621
Stddev	.00062	.00092	.0030	.00064	.00139	.0209	.027	.0037
%RSD	.37502	.42227	.12692	.25629	.24156	.29564	.18337	.29313

#1	.16540	.21816	2.3612	.25075	.57476	7.0604	14.695	1.2579
#2	.16565	.21772	2.3650	.25125	.57663	7.0968	14.698	1.2650
#3	.16658	.21949	2.3671	.25203	.57749	7.0608	14.650	1.2634

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3615	5.3822	1.4734	.95613	1.4840	2.7458	4.7428	1.5380
Stddev	.0063	.0289	.0026	.00083	.0029	.0156	.0280	.0088
%RSD	.18851	.53714	.17347	.08694	.19604	.56628	.58999	.57123

#1	3.3565	5.3674	1.4763	.95534	1.4843	2.7327	4.7448	1.5320
#2	3.3593	5.4156	1.4718	.95604	1.4868	2.7630	4.7696	1.5481
#3	3.3686	5.3637	1.4720	.95700	1.4810	2.7417	4.7138	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	.93144	.15369	.31606	.16135	2.3347	1.5725	.16133	.63528
Stddev	.00083	.00114	.00294	.00039	.0111	.0022	.00071	.00153
%RSD	.08940	.74357	.92877	.23954	.47433	.13780	.43845	.24046

#1	.93214	.15451	.31674	.16101	2.3332	1.5715	.16069	.63437
#2	.93052	.15239	.31860	.16177	2.3464	1.5750	.16120	.63443
#3	.93166	.15419	.31285	.16127	2.3244	1.5711	.16209	.63704

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	2.0686	.11600	.82763	.33058	.86182	2.2350	18.335
Stddev	.0039	.00060	.00237	.00035	.00416	.0099	.046
%RSD	.18669	.52105	.28619	.10540	.48289	.44202	.25176

#1	2.0697	.11546	.82544	.33040	.85944	2.2346	18.286
#2	2.0718	.11590	.83014	.33098	.86663	2.2451	18.378
#3	2.0643	.11665	.82729	.33036	.85939	2.2253	18.342

Sample Name: S3 Acquired: 05/29/2019 14:58:58 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1686.9	2095.0	38198.	9065.6	2707.4
Stddev	5.8	3.0	172.	11.3	1.8
%RSD	.34101	.14508	.45121	.12451	.06712
#1	1682.0	2093.3	38038.	9068.6	2705.9
#2	1685.6	2093.1	38381.	9053.2	2709.4
#3	1693.2	2098.5	38174.	9075.1	2706.7

Sample Name: S4 Acquired: 05/29/2019 15:02:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.33162	.43201	4.7582	.49288	1.1579	14.272	29.167	2.4481
Stddev	.00136	.00078	.0075	.00040	.0023	.078	.160	.0194
%RSD	.41019	.18088	.15832	.08170	.19898	.54594	.54832	.79128

#1	.33182	.43229	4.7666	.49244	1.1593	14.241	29.127	2.4459
#2	.33286	.43113	4.7520	.49323	1.1591	14.361	29.343	2.4685
#3	.33017	.43261	4.7560	.49299	1.1552	14.214	29.031	2.4300

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.5610	10.749	2.8694	1.9059	2.9422	5.3853	9.4178	3.0996
Stddev	.0061	.065	.0046	.0019	.0140	.0288	.0880	.0178
%RSD	.09365	.60275	.16114	.10148	.47432	.53406	.93400	.57353

#1	6.5635	10.722	2.8745	1.9066	2.9387	5.3607	9.4027	3.0851
#2	6.5540	10.823	2.8681	1.9037	2.9576	5.4169	9.5123	3.1194
#3	6.5655	10.702	2.8656	1.9073	2.9303	5.3783	9.3384	3.0943

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	1.8520	.31056	.64221	.31944	4.7513	3.1946	.42794	1.2851
Stddev	.0048	.00007	.00359	.00220	.0443	.0187	.00064	.0111
%RSD	.25734	.02362	.55919	.68982	.93267	.58686	.15029	.86172

#1	1.8539	.31047	.64276	.31954	4.7087	3.1814	.42731	1.2857
#2	1.8466	.31058	.64549	.32160	4.7481	3.2160	.42791	1.2958
#3	1.8555	.31062	.63837	.31719	4.7971	3.1862	.42860	1.2737

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.2005	.30480	1.6485	.67146	1.7308	4.5481	36.049	
Stddev	.0049	.00054	.0135	.00087	.0116	.0260	.637	
%RSD	.11693	.17825	.81743	.12886	.67107	.57087	1.7663	

#1	4.2035	.30541	1.6450	.67232	1.7292	4.5417	35.495	
#2	4.2032	.30438	1.6634	.67059	1.7431	4.5767	36.745	
#3	4.1948	.30460	1.6372	.67148	1.7200	4.5260	35.907	

Sample Name: S4 Acquired: 05/29/2019 15:02:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1602.3	1988.5	37380.	8926.9	2579.6
Stddev	12.9	1.7	116.	65.6	3.9
%RSD	.80228	.08777	.30999	.73512	.15258
#1	1617.2	1986.5	37464.	8965.8	2578.4
#2	1595.2	1989.3	37429.	8851.2	2583.9
#3	1594.6	1989.7	37248.	8963.8	2576.3

Sample Name: S6 Acquired: 05/29/2019 15:10:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.556	33.022	27.385	9.7986	3.5274
Stddev	.779	.334	.049	.0250	.0015
%RSD	1.0452	1.0112	.17827	.25482	.04301

#1	73.698	32.790	27.340	9.7705	3.5256
#2	75.220	32.872	27.379	9.8073	3.5281
#3	74.750	33.405	27.437	9.8181	3.5284

Int. Std.	Y_3710
Units	Cts/S
Avg	8633.4
Stddev	55.1
%RSD	.63869

#1	8695.3
#2	8615.6
#3	8589.4

Sample Name: S5 Acquired: 05/29/2019 15:06:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.65473	.82310	9.4416	.93585	2.3513	28.450	56.536	4.7305
Stddev	.00100	.00173	.0101	.00138	.0017	.056	.489	.0335
%RSD	.15233	.21019	.10745	.14740	.07081	.19630	.86459	.70827

#1	.65480	.82227	9.4309	.93499	2.3531	28.508	57.000	4.7688
#2	.65369	.82193	9.4510	.93511	2.3498	28.445	56.026	4.7065
#3	.65568	.82508	9.4429	.93744	2.3510	28.397	56.583	4.7162

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.489	20.716	5.5353	3.7926	5.7773	10.247	17.971	6.0743
Stddev	.010	.070	.0082	.0079	.0134	.022	.078	.0093
%RSD	.08148	.33585	.14800	.20800	.23198	.21947	.43294	.15383

#1	12.479	20.793	5.5268	3.7843	5.7922	10.273	18.060	6.0832
#2	12.500	20.695	5.5431	3.8000	5.7735	10.236	17.937	6.0752
#3	12.488	20.658	5.5359	3.7934	5.7663	10.232	17.917	6.0646

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	3.6577	.62732	1.2697	.61777	9.6036	6.4670	.63763	2.4907
Stddev	.0063	.00246	.0038	.00235	.0644	.0232	.00225	.0118
%RSD	.17232	.39257	.29745	.38070	.67022	.35940	.35301	.47201

#1	3.6513	.62466	1.2732	.61946	9.5606	6.4909	.63544	2.5035
#2	3.6639	.62777	1.2701	.61878	9.6776	6.4656	.63752	2.4803
#3	3.6580	.62953	1.2657	.61509	9.5726	6.4445	.63993	2.4883

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	8.4556	.46078	3.1247	1.3191	3.3035	9.1499	69.682
Stddev	.0129	.00060	.0186	.0004	.0092	.0237	.300
%RSD	.15205	.13042	.59540	.03015	.27763	.25876	.43119

#1	8.4610	.46026	3.1459	1.3188	3.3110	9.1727	70.015
#2	8.4410	.46064	3.1110	1.3190	3.3062	9.1516	69.432
#3	8.4650	.46143	3.1174	1.3196	3.2933	9.1254	69.599

Sample Name: S5 Acquired: 05/29/2019 15:06:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1491.7	1827.8	36615.	8751.7	2409.4
Stddev	6.6	2.0	96.	55.8	4.1
%RSD	.44214	.10974	.26091	.63732	.16998
#1	1493.1	1829.4	36714.	8689.3	2414.0
#2	1484.6	1828.5	36607.	8796.6	2406.5
#3	1497.6	1825.5	36523.	8769.4	2407.5

Sample Name: ICV Acquired: 05/29/2019 15:15:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.9766166	1.019540	.9896122	.9959690	1.003418	2.381446
Stddev	.0060604	.003595	.0028809	.0070069	.001491	.012559
%RSD	.6205496	.3526251	.2911110	.7035213	.1486381	.5273599

#1	.9753722	1.023460	.9883979	.9928495	1.004505	2.373074
#2	.9832026	1.016398	.9875373	.9910637	1.001718	2.395887
#3	.9712750	1.018762	.9929014	1.003994	1.004032	2.375378

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5117871	.4969830	.5295252	10.36716	.5106679	.5103666
Stddev	.0006991	.0021222	.0013082	.03243	.0016031	.0010276
%RSD	.1365930	.4270172	.2470533	.3128003	.3139124	.2013403

#1	.5120105	.4994300	.5295407	10.35455	.5120392	.5106289
#2	.5110036	.4956461	.5282094	10.34293	.5089055	.5092333
#3	.5123471	.4958729	.5308257	10.40400	.5110590	.5112376

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4815252	5.428967	.5021185	6.014024	.5246994	.4786017
Stddev	.0009732	.008857	.0010784	.015968	.0005164	.0038525
%RSD	.2021013	.1631482	.2147597	.2655169	.0984145	.8049494

#1	.4811382	5.437519	.5025062	5.996944	.5248944	.4804427
#2	.4808051	5.419834	.5029495	6.016548	.5250899	.4811883
#3	.4826323	5.429549	.5008999	6.028580	.5241139	.4741741

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14111	.5109618	.9681500	9.501385	F .0009815	F .0108789
Stddev	.09626	.0049241	.0113170	.013949	.0013045	.0008981
%RSD	.9492509	.9636885	1.168926	.1468116	132.9086	8.255652

#1	10.03007	.5078686	.9555277	9.515245	.0021768	.0118651
#2	10.19222	.5166401	.9773905	9.501562	-.000410	.0101079
#3	10.20104	.5083767	.9715320	9.487349	.001177	.0106638

Sample Name: ICV Acquired: 05/29/2019 15:15:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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 .0001052	F .0056201	F .0045410	F -.000822	F -.000673	F .0088233
Stddev	.0001691	.0051645	.0009094	.000699	.001459	.0018559
%RSD	160.7290	91.89292	20.02714	85.02608	216.9632	21.03424

#1	.0002977	.0047996	.0053813	-.001439	-.002073	.0109196
#2	-.000020	.0111456	.0046662	-.000963	.000840	.0073898
#3	.000038	.0009150	.0035754	-.000063	-.000785	.0081605

Elem	Sr4077
Units	ppm
Avg	F .0117724
Stddev	.0001097
%RSD	.9316799

#1	.0117935
#2	.0118700
#3	.0116537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.817	2208.280	38880.86	9191.049	2801.328
Stddev	11.923	6.391	151.58	8.323	7.177
%RSD	.6668952	.2894309	.3898615	.0905506	.2562088

#1	1797.328	2201.718	38837.29	9181.639	2793.045
#2	1774.441	2208.636	38755.84	9194.067	2805.233
#3	1791.683	2214.486	39049.46	9197.442	2805.706

Sample Name: ICB Acquired: 05/29/2019 15:21:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	-.000304	.0000389	-.001401	-.000526	-.001517	-.006731	-.000079
Stddev	.001208	.0007744	.001627	.002287	.001001	.007440	.000820
%RSD	397.3811	1991.409	116.1776	434.7961	66.00663	110.5431	1035.459

#1	-.001024	-.000390	-.002789	-.002572	-.000858	-.012451	-.000380
#2	.001091	-.000426	-.001803	-.000947	-.002670	.001681	.000849
#3	-.000978	.000933	.000390	.001942	-.001024	-.009421	-.000707

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	.0000049	-.001909	-.000226	.0001093	-.000064	.0056671
Stddev	.000038	.0000337	.006214	.000220	.0001685	.002026	.0082372
%RSD	391.3788	687.7827	325.5530	97.02924	154.1612	3171.387	145.3516

#1	-.000046	.0000415	.004562	-.000464	-.000082	-.001231	.0031122
#2	.000030	-.000002	-.002459	-.000031	.000234	.002276	.0148790
#3	-.000013	-.000025	-.007829	-.000183	.000176	-.001236	-.000990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000055	.0022196	-.000211	.0002913	.3720904	-.002041	.0003170
Stddev	.000019	.0216234	.000197	.0000672	.1475443	.001732	.0011398
%RSD	34.52898	974.2241	93.36617	23.07855	39.65281	84.87285	359.6045

#1	-.000075	-.022714	-.000167	.0002174	.5406974	-.000250	-.000983
#2	-.000055	.015828	-.000040	.0003488	.2666191	-.002165	.000790
#3	-.000037	.013545	-.000425	.0003079	.3089548	-.003707	.001144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1317704	.0025154	.0031617	.0002702	-.003981	-.000874	-.000130
Stddev	.0389034	.0023215	.0006287	.0001772	.000973	.000983	.002095
%RSD	29.52363	92.28884	19.88483	65.56664	24.43037	112.4509	1609.018

#1	.1659421	.0021720	.0026033	.0002680	-.004829	-.001060	-.001447
#2	.1399372	.0003848	.0030391	.0000942	-.002919	.000189	.002286
#3	.0894319	.0049895	.0038427	.0004485	-.004195	-.001751	-.001229

Sample Name: ICB Acquired: 05/29/2019 15:21:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.0004941	.0043171	-.000011
Stddev	.0011718	.0011960	.000034
%RSD	237.1484	27.70443	317.6418

#1	.0016316	.0034647	-.000005
#2	-.000709	.0038022	.000020
#3	.000560	.0056843	-.000048

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.767	2174.111	38061.67	8975.738	2713.946
Stddev	3.300	4.166	124.19	37.067	2.652
%RSD	.1895601	.1916247	.3262760	.4129638	.0977053

#1	1739.459	2177.896	38095.54	8980.383	2713.112
#2	1738.321	2174.790	37924.06	8936.568	2711.812
#3	1744.520	2169.647	38165.40	9010.264	2716.914

Sample Name: K2938-09 Acquired: 05/29/2019 16:26:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA095D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.520888	.0347257	4.632211	-.024282	.0334109	38.32289
Stddev	.004281	.0023688	.008279	.000644	.0011612	.17215
%RSD	.1215817	6.821536	.1787176	2.652203	3.475606	.4492032

#1	3.523085	.0330725	4.628740	-.024794	.0330068	38.42261
#2	3.515954	.0336652	4.641660	-.024493	.0325057	38.12411
#3	3.523623	.0374395	4.626233	-.023559	.0347202	38.42195

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6051149	.0019878	.0138888	51.62551	-.018450	.1042653
Stddev	.0011912	.0000253	.0001524	.57441	.000581	.0003288
%RSD	.1968568	1.271489	1.097651	1.112643	3.150712	.3153823

#1	.6060397	.0019923	.0137749	52.05051	-.018866	.1039545
#2	.6037708	.0019606	.0138295	50.97202	-.017786	.1046096
#3	.6055343	.0020105	.0140620	51.85400	-.018698	.1042318

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7317153	233.8490	F 128.8686	19.46205	.0815995	.2118739
Stddev	.0036924	1.5835	1.6853	.15412	.0002367	.0002587
%RSD	.5046277	.6771434	1.307744	.7919242	.2901031	.1220930

#1	.7282476	235.1590	129.3841	19.62432	.0815260	.2115808
#2	.7313006	232.0893	126.9858	19.31763	.0814081	.2119703
#3	.7355975	234.2987	130.2360	19.44419	.0818642	.2120704

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6426785	.5728610	2.621479	23.85339	6.413284	.0362918
Stddev	.3594618	.0026921	.017479	.07903	.021376	.0040146
%RSD	55.93182	.4699480	.6667570	.3313252	.3333009	11.06198

#1	.9320626	.5754428	2.641283	23.91197	6.437711	.0386901
#2	.7556789	.5730695	2.608203	23.76350	6.398002	.0316571
#3	.2402940	.5700707	2.614952	23.88470	6.404140	.0385282

Sample Name: K2938-09 Acquired: 05/29/2019 16:26:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA095D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1004021	11.29933	3.434227	.0122109	.7620202	.0368816
Stddev	.0001352	.05143	.008838	.0020795	.0031054	.0007886
%RSD	.1346514	.4551240	.2573386	17.03030	.4075220	2.138240
#1	.1002461	11.35797	3.441383	.0098755	.7646728	.0362040
#2	.1004854	11.26189	3.424348	.0128948	.7586043	.0377472
#3	.1004748	11.27814	3.436949	.0138623	.7627835	.0366935

Elem	Sr4077
Units	ppm
Avg	1.942959
Stddev	.006391
%RSD	.3289180
#1	1.948942
#2	1.936227
#3	1.943709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.243	2634.704	46742.54	11089.88	2798.998
Stddev	12.353	5.247	198.54	48.79	5.979
%RSD	.5804131	.1991561	.4247505	.4399715	.2136030
#1	2118.194	2628.660	46694.70	11070.54	2792.370
#2	2142.034	2638.096	46960.62	11145.38	2800.640
#3	2124.502	2637.356	46572.28	11053.73	2803.985

Sample Name: ICSA Acquired: 05/29/2019 15:26:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	-.002503	.0043733	.0000325	-.011772	.0041237	242.3472
Stddev	.000697	.0039784	.0026660	.001986	.0018571	1.6535
%RSD	27.84069	90.97122	8192.444	16.87176	45.03421	.6822765

#1	-.003307	.0071184	.0024273	-.010881	.0023876	240.7157
#2	-.002085	.0061908	-.002840	-.010388	.0039018	244.0218
#3	-.002116	-.000189	.000510	-.014048	.0060818	242.3041

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061733	.0008884	.0001148	255.5061	.0479204	.0012332
Stddev	.0004057	.0000349	.0001063	2.3608	.0010271	.0002695
%RSD	6.571098	3.923701	92.60785	.9239795	2.143448	21.85402

#1	.0064956	.0009187	.0001022	253.3464	.0491026	.0011715
#2	.0057178	.0008962	.0002269	258.0265	.0474123	.0015282
#3	.0063065	.0008503	.0000154	255.1454	.0472463	.0009999

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003606	104.3840	.0131268	262.5610	.0016160	-.008995
Stddev	.000923	.6939	.0006055	2.0883	.0001580	.000577
%RSD	25.60219	.6647612	4.612589	.7953597	9.774816	6.415128

#1	-.004671	103.7902	.0124994	260.5535	.0017169	-.009055
#2	-.003033	105.1468	.0137077	264.7216	.0014340	-.009540
#3	-.003114	104.2149	.0131732	262.4078	.0016972	-.008390

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064732	-.000050	.0015663	-.087383	F .0072284	.0063124
Stddev	.136398	.002040	.0010435	.051163	.0016953	.0032961
%RSD	210.7117	4080.017	66.62296	58.55001	23.45337	52.21542

#1	-.217629	-.001057	.0027393	-.077524	.0059646	.0097367
#2	.044445	.002297	.0007412	-.142758	.0091550	.0060390
#3	-.021011	-.001390	.0012183	-.041868	.0065656	.0031616

Sample Name: ICSA Acquired: 05/29/2019 15:26:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.0008442	F .0046557	F -.002738	-.003552	F -.003095	W .0096641
Stddev	.0000560	.0069660	.000346	.002427	.000975	.0006108
%RSD	6.628704	149.6240	12.62521	68.33514	31.51126	6.320618

#1	.0007895	.0008673	-.002357	-.006027	-.004036	.0101543
#2	.0008418	.0126949	-.002827	-.003452	-.003161	.0098583
#3	.0009013	.0004048	-.003031	-.001176	-.002088	.0089798

Elem	Sr4077
Units	ppm
Avg	F .1030239
Stddev	.0002961
%RSD	.2874161

#1	.1026835
#2	.1031668
#3	.1032215

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.384	2083.710	37274.84	8985.557	2633.860
Stddev	9.432	6.054	60.82	79.961	7.163
%RSD	.5616085	.2905252	.1631696	.8898801	.2719420

#1	1688.149	2081.866	37337.82	9031.443	2629.386
#2	1680.600	2090.471	37216.43	8893.227	2642.121
#3	1669.404	2078.793	37270.27	9032.000	2630.073

Sample Name: ICSAB Acquired: 05/29/2019 15:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.1085804	.1182192	.0523040	.0404496	.6537436	235.9530
Stddev	.0044855	.0030959	.0004953	.0019395	.0023632	.4320
%RSD	4.131042	2.618774	.9469087	4.794856	.3614861	.1830926

#1	.1137071	.1196665	.0527387	.0386620	.6544258	236.2573
#2	.1066551	.1203263	.0517648	.0401751	.6511144	235.4586
#3	.1053789	.1146647	.0524085	.0425118	.6556907	236.1432

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5568953	.5419650	1.089689	250.5256	.5866053	.5424449
Stddev	.0001464	.0021011	.002544	.7554	.0027207	.0018760
%RSD	.0262912	.3876789	.2334926	.3015152	.4637981	.3458388

#1	.5567755	.5436805	1.086919	251.1299	.5884151	.5402813
#2	.5570585	.5396215	1.090225	249.6788	.5834765	.5434348
#3	.5568519	.5425929	1.091923	250.7683	.5879242	.5436186

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5045759	101.8741	.5471775	256.5364	1.094346	.2097940
Stddev	.0010255	.3075	.0034402	.8487	.002327	.0021814
%RSD	.2032333	.3018043	.6287185	.3308391	.2125966	1.039770

#1	.5047050	102.2238	.5498409	257.4381	1.091901	.2118353
#2	.5055306	101.6461	.5432934	255.7531	1.096532	.2074954
#3	.5034919	101.7524	.5483983	256.4179	1.094605	.2100513

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0736544	.5438127	1.059055	-.166701	F .0075430	.0037019
Stddev	.1761521	.0054185	.007377	.030002	.0017034	.0033181
%RSD	239.1604	.9963893	.6965407	17.99748	22.58203	89.63267

#1	.0514088	.5494368	1.057131	-.197551	.0057259	.0002935
#2	.2598726	.5433749	1.067204	-.164928	.0077998	.0069216
#3	-.090318	.5386264	1.052832	-.137625	.0091034	.0038905

Sample Name: ICSAB Acquired: 05/29/2019 15:30:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.0007935	F .0089132	F -.001709	-.002532	F -.003543	W .0085246
Stddev	.0003538	.0019187	.001282	.000997	.000697	.0008400
%RSD	44.59332	21.52634	75.03369	39.37724	19.67839	9.853786

#1	.0011348	.0077180	-.000793	-.002586	-.004097	.0091222
#2	.0008174	.0111264	-.003175	-.003500	-.003772	.0075642
#3	.0004283	.0078952	-.001159	-.001509	-.002760	.0088875

Elem	Sr4077
Units	ppm
Avg	F .1003812
Stddev	.0001760
%RSD	.1753348

#1	.1003403
#2	.1002293
#3	.1005741

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.506	2104.557	37696.65	9005.350	2659.364
Stddev	7.011	4.731	184.32	50.845	2.409
%RSD	.4144945	.2248062	.4889480	.5646102	.0906003

#1	1686.739	2102.675	37495.16	8950.020	2662.141
#2	1688.222	2109.939	37856.77	9050.020	2657.832
#3	1699.557	2101.056	37738.02	9016.010	2658.118

Sample Name: CCV048 Acquired: 05/29/2019 15:34:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.614835	4.798804	24.29281	4.540656	4.738570	413.5358
Stddev	.013501	.004687	.04143	.002831	.003536	.3537
%RSD	.2925573	.0976787	.1705238	.0623495	.0746249	.0855238

#1	4.599245	4.796314	24.25629	4.538548	4.736461	413.3763
#2	4.622661	4.804211	24.28431	4.543874	4.736597	413.2900
#3	4.622598	4.795886	24.33782	4.539546	4.742652	413.9411

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.998973	.4875109	2.418617	413.9957	14.76932	2.490014
Stddev	.035706	.0035184	.002526	1.3366	.01025	.002604
%RSD	.3570994	.7217147	.1044495	.3228554	.0694129	.1045813

#1	10.03723	.4873114	2.417426	414.1002	14.77593	2.487260
#2	9.99314	.4840965	2.416907	412.6099	14.75751	2.490346
#3	9.96654	.4911249	2.421519	415.2770	14.77452	2.492436

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80687	415.6428	14.68052	410.2088	2.472619	1.230575
Stddev	.03590	1.6119	.07162	1.8404	.001089	.007923
%RSD	.2424312	.3878205	.4878509	.4486581	.0440343	.6438085

#1	14.84031	414.8738	14.69106	409.6312	2.471646	1.228561
#2	14.76894	414.5594	14.60422	408.7264	2.473795	1.239310
#3	14.81135	417.4953	14.74629	412.2687	2.472417	1.223854

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	410.0603	2.470336	14.63931	151.6358	F 4.473741	4.963999
Stddev	.7684	.004452	.09414	.3564	.014506	.031694
%RSD	.1873834	.1802356	.6430372	.2350143	.3242381	.6384827

#1	410.8467	2.471036	14.56350	151.8488	4.462450	4.954078
#2	409.3113	2.465574	14.74468	151.2243	4.468672	4.938453
#3	410.0228	2.474396	14.60976	151.8341	4.490101	4.999467

Sample Name: CCV048 Acquired: 05/29/2019 15:34:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.812888	F 4.477166	4.898976	4.959746	4.941024	4.953496
Stddev	.001250	.013159	.024486	.003720	.005346	.009707
%RSD	.0259818	.2939099	.4998193	.0749990	.1081964	.1959589
#1	4.813473	4.463510	4.911782	4.960460	4.944810	4.957096
#2	4.811453	4.489763	4.870743	4.963056	4.934909	4.960889
#3	4.813739	4.478224	4.914403	4.955721	4.943354	4.942503

Elem	Sr4077
Units	ppm
Avg	4.962553
Stddev	.057638
%RSD	1.161468
#1	4.896746
#2	5.004074
#3	4.986841

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1559.816	1939.568	36614.03	8782.534	2450.467
Stddev	6.496	1.815	224.32	35.957	4.623
%RSD	.4164638	.0935832	.6126563	.4094100	.1886760
#1	1559.257	1939.704	36594.46	8759.638	2452.380
#2	1553.618	1941.311	36400.14	8823.977	2453.827
#3	1566.574	1937.688	36847.49	8763.987	2445.194

Sample Name: CCB048 Acquired: 05/29/2019 15:37:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000952	-.002036	.0006030	.0008323	-.002205	-.009341	.0002078
Stddev	.000275	.001132	.0013429	.0001784	.001006	.011002	.0007027
%RSD	28.89522	55.57629	222.7036	21.43521	45.60009	117.7804	338.1652

#1	-.000689	-.001922	.0021442	.0006318	-.002413	.003309	.0005063
#2	-.001238	-.003221	-.000020	.0008914	-.001112	-.016680	.0007120
#3	-.000930	-.000966	-.000315	.0009736	-.003091	-.014653	-.000595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000370	.0001613	.0039427	.0001102	.0003127	.0005575	.0053711
Stddev	.0000294	.0001030	.0102337	.0000761	.0001818	.0022410	.0023525
%RSD	79.50156	63.84411	259.5611	69.07909	58.13401	401.9794	43.79880

#1	.0000216	.0002093	.0043566	.0001700	.0001147	.0013752	.0031689
#2	.0000709	.0002315	.0139632	.0001361	.0003512	.0022748	.0078494
#3	.0000184	.0000431	-.006492	.0000245	.0004721	-.001978	.0050950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002012	-.004441	.0001819	.0000651	.0530012	-.001858	-.000346
Stddev	.0003038	.013960	.0001175	.0001965	.0766479	.000379	.001276
%RSD	150.9938	314.3502	64.57668	301.8273	144.6154	20.38465	368.4239

#1	.0002807	-.018336	.0001064	.0002917	.1249193	-.002098	-.000511
#2	-.000134	-.004570	.0001220	-.000037	-.027632	-.002056	-.001532
#3	.000457	.009583	.0003172	-.000059	.061716	-.001422	.001004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1573060	.0016209	.0089991	.0001536	-.005716	-.000326	-.000105
Stddev	.0156698	.0023987	.0011116	.0002645	.000861	.001134	.000749
%RSD	9.961367	147.9872	12.35211	172.1909	15.05487	347.6231	715.6058

#1	.1655832	.0043906	.0095569	-.000118	-.006579	-.001094	-.000637
#2	.1671015	.0002127	.0097213	.000168	-.005711	.000976	.000751
#3	.1392333	.0002594	.0077191	.000410	-.004858	-.000861	-.000428

Sample Name: CCB048 Acquired: 05/29/2019 15:37:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB048 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002000	.0049092	.0000340
Stddev	.0006726	.0030074	.0001491
%RSD	336.3267	61.26014	438.0937

#1	-.000055	.0080573	-.000079
#2	-.000308	.0046044	-.000022
#3	.000963	.0020658	.000203

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.443	2180.620	38273.96	8990.474	2718.379
Stddev	6.430	6.878	27.51	80.078	4.423
%RSD	.3679518	.3154128	.0718754	.8906954	.1627146

#1	1740.530	2172.917	38242.27	9024.492	2713.352
#2	1753.245	2182.799	38291.78	8899.004	2720.111
#3	1748.555	2186.145	38287.81	9047.927	2721.674

Sample Name: PB120064BL Acquired: 05/29/2019 15:42:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001156	.0014838	.0010156	.0016425	-.001755	-.005045	-.000016
Stddev	.001385	.0004173	.0014387	.0017083	.001104	.009213	.001098
%RSD	119.7860	28.12764	141.6604	104.0085	62.88774	182.5908	6830.989

#1	-.000726	.0013831	.0023231	.0001080	-.002720	-.006497	.000879
#2	-.002705	.0019422	-.000526	.0013363	-.000551	.004807	-.001241
#3	-.000037	.0011260	.001249	.0034832	-.001995	-.013446	.000314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000290	.0001787	-.016149	-.000047	.0000543	.0021033	-.001579
Stddev	.0000766	.0000749	.007228	.000176	.0001901	.0012872	.006113
%RSD	264.1849	41.94513	44.75570	377.0708	350.3135	61.20000	387.2579

#1	-.000003	.0000978	-.013428	.000023	.0002045	.0008239	-.006451
#2	-.000026	.0002458	-.010677	-.000247	.0001178	.0020877	-.003566
#3	.000116	.0001923	-.024342	.000084	-.000160	.0033982	.005281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000354	-.009613	.0001249	.0003585	.0602845	-.000895	-.000394
Stddev	.0003364	.006261	.0001911	.0004319	.1589678	.001519	.001214
%RSD	949.8076	65.13406	152.9364	120.4618	263.6960	169.7134	308.1233

#1	-.000267	-.005721	.0000325	.0008503	.0923726	.000463	-.001280
#2	.000398	-.016835	.0003446	.0001841	-.112280	-.000613	.000990
#3	-.000025	-.006282	-.000002	.0000411	.200761	-.002535	-.000891

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012196	.0019392	.0034976	-.000014	-.000695	-.000675	-.002091
Stddev	.038617	.0029401	.0010723	.000290	.001725	.000604	.000872
%RSD	316.6379	151.6130	30.65804	2070.807	248.1829	89.44795	41.68604

#1	-.045421	-.000752	.0042567	-.000027	-.002676	-.000995	-.001207
#2	.030172	.005077	.0039651	.000282	.000117	.000021	-.002116
#3	-.021338	.001492	.0022709	-.000297	.000474	-.001051	-.002951

Sample Name: PB120064BL Acquired: 05/29/2019 15:42:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000094	.0013723	.0000720
Stddev	.000651	.0008222	.0000504
%RSD	692.0077	59.91447	70.01110

#1	.000321	.0023089	.0000151
#2	.000242	.0010378	.0000899
#3	-.000845	.0007700	.0001111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.475	2164.337	38079.49	8973.272	2712.657
Stddev	9.639	5.064	198.64	40.301	5.835
%RSD	.5522403	.2339684	.5216416	.4491232	.2150934

#1	1756.367	2158.802	38274.95	9019.417	2706.662
#2	1738.045	2168.738	37877.81	8944.988	2718.318
#3	1742.013	2165.471	38085.71	8955.411	2712.992

Sample Name: PB120067BS Acquired: 05/29/2019 15:54:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175221	.0409468	.0192460	.0578876	.1068748	.3553922
Stddev	.0019112	.0027070	.0038572	.0005487	.0011618	.0006521
%RSD	10.90723	6.610913	20.04174	.9479171	1.087038	.1834763

#1	.0186334	.0395505	.0220564	.0585072	.1081168	.3546961
#2	.0153153	.0440668	.0208330	.0574630	.1058148	.3559888
#3	.0186175	.0392230	.0148484	.0576925	.1066929	.3554917

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3300277	.0090189	.0096156	8.399720	.0199286	.0900716
Stddev	.0007673	.0001105	.0001804	.069617	.0003325	.0001803
%RSD	.2325008	1.224669	1.876150	.8288002	1.668237	.2002205

#1	.3309106	.0089243	.0095053	8.424230	.0201905	.0902722
#2	.3296505	.0089920	.0095178	8.321163	.0200408	.0900199
#3	.3295220	.0091403	.0098238	8.453767	.0195546	.0899228

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427581	.2212879	.0308458	8.125394	.0751644	.0179531
Stddev	.0006509	.0071452	.0002116	.009625	.0004916	.0003952
%RSD	1.522282	3.228907	.6860241	.1184523	.6540865	2.201436

#1	.0422861	.2136455	.0310886	8.114925	.0748140	.0175087
#2	.0435006	.2224167	.0307482	8.127399	.0749527	.0182651
#3	.0424875	.2278015	.0307006	8.133858	.0757264	.0180855

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.958685	.0935496	.1092885	8.118805	.0175093	F .0152823
Stddev	.137834	.0017929	.0026860	.065357	.0015491	.0010630
%RSD	1.538552	1.916559	2.457721	.8050114	8.847134	6.955633

#1	8.804731	.0949037	.1121018	8.149090	.0180490	.0146214
#2	9.070618	.0942288	.1067510	8.043798	.0157626	.0147170
#3	9.000705	.0915163	.1090128	8.163527	.0187164	.0165085

Sample Name: PB120067BS Acquired: 05/29/2019 15:54:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS067 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184829	.1511985	.1748722	.0131423	F .0006652	F .0840080
Stddev	.0004564	.0028102	.0011310	.0005206	.0003714	.0008534
%RSD	2.469201	1.858629	.6467788	3.960936	55.83261	1.015903

#1	.0189334	.1536523	.1738478	.0129971	.0007582	.0848931
#2	.0180209	.1518103	.1746826	.0137200	.0009813	.0831902
#3	.0184944	.1481327	.1760860	.0127098	.0002562	.0839406

Elem	Sr4077
Units	ppm
Avg	.1808317
Stddev	.0005419
%RSD	.2996840

#1	.1802612
#2	.1808941
#3	.1813397

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.902	2216.051	39427.44	9249.521	2820.972
Stddev	16.847	5.464	122.40	42.539	.650
%RSD	.9344301	.2465489	.3104423	.4599088	.0230524

#1	1785.063	2219.374	39296.05	9242.883	2820.451
#2	1805.102	2219.034	39448.04	9294.989	2821.700
#3	1818.540	2209.745	39538.24	9210.691	2820.764

Sample Name: PB120164BL Acquired: 05/29/2019 15:58:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW164 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002713	.0008049	-.000886	-.000248	-.002613	-.009582	-.000195
Stddev	.002286	.0014271	.000587	.002415	.001880	.007240	.000640
%RSD	84.25406	177.3082	66.26959	974.0633	71.96858	75.56404	329.2391

#1	-.002629	-.000843	-.000246	.002526	-.000611	-.008087	.000367
#2	-.000471	.001626	-.001399	-.001388	-.002886	-.003205	-.000892
#3	-.005040	.001632	-.001013	-.001881	-.004341	-.017452	-.000058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	.0000694	.0001656	-.000128	.0000239	.0004596	.0050194
Stddev	.000054	.0001091	.0226927	.000277	.0003229	.0013425	.0054163
%RSD	71.20813	157.2613	13707.52	216.6122	1349.684	292.1249	107.9079

#1	-.000063	.0000427	.0229109	-.000406	.0003968	-.000543	.0040292
#2	-.000134	-.000024	-.022474	.000147	-.000165	.001985	.0108624
#3	-.000029	.000189	.000060	-.000124	-.000160	-.000063	.0001665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002834	-.018573	.0001095	.0002398	.2034614	-.001622	-.000105
Stddev	.0001011	.011868	.0002796	.0004183	.3116281	.002572	.002038
%RSD	35.66512	63.89943	255.4206	174.4043	153.1633	158.5770	1941.162

#1	.0001673	-.014056	-.000086	.0006939	-.152404	-.003260	-.001430
#2	.0003310	-.009627	-.000016	-.000130	.427565	-.002947	.002242
#3	.0003519	-.032037	.000430	.000155	.335224	.001342	-.001128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131491	-.000310	-.002359	-.000042	-.002780	-.000003	-.001388
Stddev	.0803765	.001911	.000909	.000009	.002710	.000508	.000831
%RSD	611.2718	615.7474	38.51135	21.05097	97.50001	14689.92	59.81705

#1	.0548288	-.002444	-.003405	-.000032	-.005834	.000283	-.000574
#2	.0641249	.000271	-.001762	-.000044	-.001845	.000297	-.001357
#3	-.079506	.001242	-.001911	-.000049	-.000661	-.000590	-.002234

Sample Name: PB120164BL Acquired: 05/29/2019 15:58:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW164 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009655	.0023939	-.000025
Stddev	.0006077	.0014133	.000059
%RSD	62.93814	59.03902	240.1493

#1	.0013897	.0014833	-.000016
#2	.0012375	.0040221	.000030
#3	.0002694	.0016764	-.000088

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.992	2198.561	38845.01	9034.352	2757.112
Stddev	12.912	5.377	63.71	76.840	9.109
%RSD	.7266376	.2445701	.1640104	.8505330	.3303794

#1	1789.997	2197.567	38900.69	8987.540	2753.323
#2	1764.175	2193.751	38858.80	8992.482	2750.510
#3	1776.803	2204.366	38775.53	9123.033	2767.504

Sample Name: PB120053BL Acquired: 05/29/2019 16:07:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002606	-.001993	.0014405	-.000765	-.002107	-.010400	-.000066
Stddev	.001607	.001869	.0019437	.004505	.000621	.012146	.001109
%RSD	61.63715	93.77167	134.9329	588.8977	29.49719	116.7855	1682.130

#1	-.003836	-.002714	.0034663	-.002837	-.001418	-.024275	.000358
#2	-.003195	.000129	-.000409	-.003861	-.002625	-.001693	.000768
#3	-.000789	-.003394	.001264	.004403	-.002278	-.005232	-.001324

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0000444	-.009952	-.000365	.0002190	-.000398	.0059585
Stddev	.000032	.0000247	.007009	.000421	.0002133	.001763	.0041310
%RSD	124.7423	55.73958	70.42703	115.2033	97.36959	443.2348	69.33001

#1	-.000051	.0000729	-.007938	.000030	.0004371	-.002115	.0105224
#2	-.000036	.0000299	-.004170	-.000318	.0002092	-.000486	.0048780
#3	.000010	.0000303	-.017747	-.000808	.0000109	.001408	.0024751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001433	-.009741	.0001871	.0003310	.1649328	-.000576	-.000086
Stddev	.0004156	.005507	.0003799	.0002917	.1909557	.000546	.001230
%RSD	290.0841	56.53499	203.0882	88.12474	115.7779	94.79622	1425.022

#1	.0000431	-.004709	.0005884	.0001085	.3836416	-.000626	.001242
#2	.0005998	-.008890	-.000167	.0006613	.0798463	-.001095	-.000315
#3	-.000213	-.015623	.000140	.0002233	.0313105	-.000007	-.001186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007221	.0005916	-.003144	-.000143	-.001789	-.000577	-.001864
Stddev	.074553	.0007387	.001022	.000086	.002904	.000725	.000975
%RSD	1032.519	124.8715	32.50859	59.79810	162.2749	125.8034	52.29344

#1	-.075275	-.000236	-.004211	-.000155	.000965	-.001413	-.001899
#2	-.018852	.001184	-.003047	-.000052	-.004822	-.000122	-.002822
#3	.072465	.000827	-.002174	-.000222	-.001511	-.000195	-.000873

Sample Name: PB120053BL Acquired: 05/29/2019 16:07:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002039	.0006708	-.000040
Stddev	.0011058	.0026558	.000073
%RSD	542.2247	395.8905	182.7578

#1	-.001050	.0031627	.000028
#2	.000625	-.002123	-.000031
#3	.001038	.000973	-.000117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.516	2200.649	38507.29	9061.914	2733.717
Stddev	2.116	3.273	40.08	45.973	5.818
%RSD	.1197944	.1487318	.1040739	.5073168	.2128268

#1	1768.628	2198.370	38531.74	9089.153	2738.398
#2	1764.395	2204.399	38529.09	9008.836	2735.549
#3	1766.524	2199.177	38461.04	9087.754	2727.203

Sample Name: PB120164BS Acquired: 05/29/2019 16:02:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS164 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159520	.0408326	.0193503	.0558250	.1037803	.3605185
Stddev	.0018309	.0006946	.0009137	.0012434	.0006090	.0108740
%RSD	11.47783	1.700989	4.721882	2.227290	.5868300	3.016218

#1	.0178848	.0411815	.0204017	.0568603	.1030809	.3729425
#2	.0157274	.0400328	.0187488	.0561688	.1040667	.3558804
#3	.0142437	.0412835	.0189004	.0544459	.1041933	.3527327

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3234623	.0089013	.0096434	8.613555	.0209046	.0908711
Stddev	.0010321	.0001029	.0000378	.029127	.0003220	.0002865
%RSD	.3190759	1.156421	.3919610	.3381535	1.540262	.3152865

#1	.3242967	.0089241	.0096299	8.628479	.0206351	.0910778
#2	.3237820	.0087889	.0096861	8.579990	.0208175	.0905440
#3	.3223082	.0089909	.0096142	8.632195	.0212611	.0909914

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0406451	.2151373	.0330002	8.179373	.0765471	.0181314
Stddev	.0008071	.0111656	.0005728	.047968	.0002065	.0010487
%RSD	1.985830	5.189995	1.735870	.5864533	.2697818	5.784093

#1	.0400643	.2252169	.0335656	8.233656	.0767851	.0172456
#2	.0415667	.2031353	.0330148	8.142694	.0764405	.0192894
#3	.0403041	.2170596	.0324202	8.161770	.0764157	.0178593

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.332515	.0961507	.1091027	8.258655	.0229600	F .0164062
Stddev	.199304	.0022694	.0014322	.016520	.0022872	.0004643
%RSD	2.135582	2.360285	1.312707	.2000349	9.961883	2.830277

#1	9.114217	.0987627	.1099970	8.273601	.0225403	.0159801
#2	9.378566	.0950264	.1098603	8.240916	.0209116	.0169011
#3	9.504762	.0946628	.1074508	8.261449	.0254280	.0163372

Sample Name: PB120164BS Acquired: 05/29/2019 16:02:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS164 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187884	.1441222	.1785268	.0129802	F .0004615	F .0848093
Stddev	.0004928	.0036283	.0017266	.0004927	.0009059	.0012411
%RSD	2.622845	2.517536	.9671607	3.795738	196.2873	1.463421

#1	.0182583	.1399631	.1802318	.0126032	.0013776	.0848080
#2	.0192326	.1457643	.1767793	.0127996	-.000434	.0860510
#3	.0188743	.1466392	.1785692	.0135377	.000441	.0835688

Elem	Sr4077
Units	ppm
Avg	.1842131
Stddev	.0004238
%RSD	.2300758

#1	.1842959
#2	.1845895
#3	.1837540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.597	2223.318	39512.52	9245.020	2815.057
Stddev	16.388	4.901	253.33	50.649	6.633
%RSD	.9041353	.2204519	.6411366	.5478492	.2356367

#1	1818.032	2223.537	39467.90	9203.069	2809.272
#2	1794.182	2218.311	39284.47	9301.285	2813.601
#3	1825.578	2228.106	39785.20	9230.705	2822.297

Sample Name: K2938-10 Acquired: 05/29/2019 16:30:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA095S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.570394	.1619930	4.569189	-.005093	.2490107	42.10473
Stddev	.008066	.0051909	.003744	.001544	.0003036	.17827
%RSD	.2259234	3.204364	.0819336	30.31319	.1219188	.4233970

#1	3.579704	.1654296	4.572112	-.003668	.2487787	42.04924
#2	3.565495	.1560218	4.570485	-.006734	.2493543	41.96080
#3	3.565983	.1645277	4.564969	-.004879	.2488990	42.30414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.244273	.1117916	.1482522	51.93036	.4312228	1.439168
Stddev	.015753	.0005270	.0000437	.31780	.0003678	.001093
%RSD	.3003821	.4713942	.0294862	.6119721	.0852920	.0759143

#1	5.252973	.1115537	.1482021	51.70522	.4307981	1.437998
#2	5.226088	.1114255	.1482724	51.79198	.4314364	1.439344
#3	5.253756	.1123955	.1482823	52.29389	.4314339	1.440161

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.168280	236.0220	F 128.8904	19.50712	1.426118	.3218074
Stddev	.006104	1.0884	1.8894	.05034	.000671	.0002311
%RSD	.5224637	.4611332	1.465866	.2580741	.0470456	.0718041

#1	1.173274	234.9495	126.9042	19.51018	1.425343	.3217117
#2	1.161476	235.9909	130.6651	19.45532	1.426523	.3216396
#3	1.170089	237.1255	129.1019	19.55587	1.426487	.3220710

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7395682	1.723550	3.670001	23.60154	6.313829	.0359512
Stddev	.1755476	.010782	.006522	.07701	.006322	.0005516
%RSD	23.73649	.6255930	.1777004	.3263016	.1001296	1.534269

#1	.9014749	1.711968	3.662599	23.53933	6.310641	.0353144
#2	.5529900	1.733298	3.672500	23.57763	6.309736	.0362574
#3	.7642399	1.725383	3.674902	23.68768	6.321110	.0362817

Sample Name: K2938-10 Acquired: 05/29/2019 16:30:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA095S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0986740	11.13563	3.468546	.0121634	.7552017	.0368427
Stddev	.0007668	.01017	.018387	.0014445	.0040037	.0007662
%RSD	.7770980	.0912847	.5300936	11.87614	.5301452	2.079617
#1	.0995091	11.14504	3.450988	.0125937	.7546698	.0373201
#2	.0985114	11.12485	3.466988	.0105526	.7514906	.0359590
#3	.0980016	11.13700	3.487662	.0133439	.7594448	.0372490

Elem	Sr4077
Units	ppm
Avg	1.904649
Stddev	.005325
%RSD	.2795644
#1	1.902205
#2	1.900985
#3	1.910757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2100.542	2597.753	46049.48	10870.33	2788.191
Stddev	4.803	2.293	44.10	34.58	3.492
%RSD	.2286627	.0882590	.0957623	.3181374	.1252599
#1	2096.473	2596.848	45998.98	10889.37	2787.967
#2	2099.312	2600.360	46080.35	10891.22	2791.789
#3	2105.840	2596.051	46069.11	10830.42	2784.815

Sample Name: K2938-08 Acquired: 05/29/2019 16:19:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.518427	.0339269	4.622845	-.026526	.0322708	38.28444
Stddev	.009119	.0023378	.008123	.001291	.0013048	.07712
%RSD	.2591818	6.890756	.1757086	4.868118	4.043219	.2014370

#1	3.527261	.0364693	4.623472	-.027949	.0337561	38.36151
#2	3.509047	.0334414	4.630636	-.025429	.0313096	38.28454
#3	3.518973	.0318699	4.614427	-.026199	.0317467	38.20727

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6052479	.0021183	.0137028	51.95104	-.018742	.1035855
Stddev	.0011038	.0000532	.0000803	.22719	.000701	.0002113
%RSD	.1823683	2.509687	.5861466	.4373227	3.738723	.2040243

#1	.6064684	.0021475	.0136830	52.07444	-.018432	.1033579
#2	.6043198	.0021504	.0136343	52.08984	-.019545	.1037755
#3	.6049553	.0020569	.0137912	51.68886	-.018251	.1036231

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7291183	234.6295	F 127.7052	19.68758	.0802398	.2079843
Stddev	.0022918	.5967	.1582	.10165	.0003496	.0010862
%RSD	.3143233	.2542972	.1238897	.5163031	.4356506	.5222682

#1	.7271484	234.6783	127.5775	19.67981	.0806415	.2067695
#2	.7285729	235.2003	127.6559	19.79288	.0800731	.2083216
#3	.7316336	234.0099	127.8822	19.59004	.0800048	.2088619

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8412362	.5652783	2.633142	23.95770	6.421677	.0384887
Stddev	.1445339	.0063275	.008229	.07539	.023594	.0016327
%RSD	17.18113	1.119355	.3125241	.3146852	.3674102	4.242029

#1	1.007700	.5687732	2.639259	24.04190	6.448620	.0378472
#2	.768361	.5690876	2.623786	23.89646	6.404710	.0372741
#3	.747647	.5579743	2.636382	23.93475	6.411701	.0403447

Sample Name: K2938-08 Acquired: 05/29/2019 16:19:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0996897	11.39625	3.432070	.0131932	.7659944	.0389159
Stddev	.0002102	.03987	.014250	.0022473	.0016770	.0017141
%RSD	.2108810	.3498610	.4152089	17.03340	.2189321	4.404692
#1	.0997886	11.43771	3.446223	.0155322	.7672799	.0405923
#2	.0994483	11.39286	3.432263	.0110505	.7666059	.0389892
#3	.0998322	11.35819	3.417725	.0129970	.7640975	.0371664

Elem	Sr4077
Units	ppm
Avg	1.934819
Stddev	.001872
%RSD	.0967788
#1	1.936978
#2	1.933836
#3	1.933643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2133.208	2639.429	47015.99	11052.87	2801.411
Stddev	9.709	3.770	70.94	34.94	2.005
%RSD	.4551448	.1428473	.1508842	.3161061	.0715825
#1	2126.049	2642.192	47096.97	11021.84	2799.107
#2	2144.260	2640.961	46986.17	11046.07	2802.362
#3	2129.316	2635.134	46964.83	11090.71	2802.764

Sample Name: K2939-03 Acquired: 05/29/2019 16:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA053S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.002994	.2690618	.9574953	-.026490	.2025219	60.82043
Stddev	.002060	.0079321	.0058348	.003977	.0006993	.13266
%RSD	.2053433	2.948049	.6093834	15.01235	.3453191	.2181106

#1	1.004555	.2782005	.9523438	-.022339	.2029808	60.77627
#2	1.003767	.2650236	.9563106	-.026864	.2017170	60.71548
#3	1.000660	.2639615	.9638316	-.030266	.2028678	60.96953

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.592167	.0885357	.1442123	48.40754	.3586836	1.480503
Stddev	.102391	.0004286	.0006370	.15578	.0004324	.003237
%RSD	1.191681	.4840905	.4417307	.3218083	.1205555	.2186098

#1	8.710054	.0881782	.1445628	48.36529	.3584943	1.483247
#2	8.525415	.0890108	.1434770	48.27724	.3583781	1.476934
#3	8.541032	.0884181	.1445972	48.58008	.3591784	1.481329

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8795457	213.2745	F 297.0067	21.79801	1.469532	.1813786
Stddev	.0003772	.8590	2.5818	.07664	.004842	.0002274
%RSD	.0428870	.4027778	.8692688	.3516133	.3295159	.1253929

#1	.8792933	213.5668	294.0416	21.83154	1.472508	.1812239
#2	.8793645	212.3075	298.2215	21.71032	1.463945	.1812723
#3	.8799793	213.9492	298.7571	21.85218	1.472145	.1816398

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6146631	1.310469	1.683637	20.91553	9.553958	.0146640
Stddev	.1923810	.026325	.013644	.04555	.036964	.0054306
%RSD	31.29861	2.008834	.8103765	.2177743	.3868920	37.03337

#1	.3925622	1.316022	1.696289	20.86530	9.596637	.0177116
#2	.7294345	1.281811	1.669181	20.95416	9.532181	.0083941
#3	.7219925	1.333575	1.685442	20.92712	9.533056	.0178864

Sample Name: K2939-03 Acquired: 05/29/2019 16:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA053S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261759	1.494869	4.117136	.0143733	1.422867	.0737657
Stddev	.0001868	.019073	.024582	.0010144	.003308	.0006259
%RSD	.7136298	1.275912	.5970564	7.057412	.2324961	.8484432
#1	.0263018	1.514117	4.093728	.0154679	1.423750	.0735836
#2	.0259613	1.475975	4.142743	.0134648	1.419207	.0732510
#3	.0262647	1.494515	4.114938	.0141873	1.425644	.0744624

Elem	Sr4077
Units	ppm
Avg	1.321074
Stddev	.002456
%RSD	.1858954
#1	1.320918
#2	1.318700
#3	1.323604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.863	3130.148	54883.79	13020.77	2764.550
Stddev	21.499	9.227	276.32	21.70	11.245
%RSD	.8535332	.2947796	.5034628	.1666418	.4067530
#1	2496.232	3119.511	54714.64	13007.17	2755.949
#2	2539.016	3134.933	55202.66	13045.79	2777.274
#3	2521.340	3135.999	54734.07	13009.34	2760.426

Sample Name: K2939-02 Acquired: 05/29/2019 16:42:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA053D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9506329	.1520397	.9234879	-.045574	.0243362	58.02004
Stddev	.0023012	.0017187	.0008296	.002531	.0002837	.14762
%RSD	.2420696	1.130407	.0898297	5.553461	1.165941	.2544314

#1	.9490270	.1537182	.9231076	-.042748	.0240105	57.93824
#2	.9496024	.1521173	.9244395	-.046341	.0245300	58.19045
#3	.9532692	.1502835	.9229167	-.047633	.0244681	57.93142

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.860975	-.002789	.0097124	48.64799	-.017472	.1443489
Stddev	.012874	.000212	.0000372	.18971	.000327	.0002744
%RSD	.2648483	7.614499	.3829136	.3899619	1.870159	.1900670

#1	4.846156	-.002588	.0096738	48.74635	-.017237	.1440340
#2	4.869405	-.003011	.0097153	48.76832	-.017333	.1444765
#3	4.867365	-.002768	.0097480	48.42930	-.017845	.1445363

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5247046	213.9949	F 296.3001	22.12445	.1250072	.0853176
Stddev	.0035646	.4354	1.1783	.04727	.0002957	.0002817
%RSD	.6793464	.2034433	.3976589	.2136432	.2365256	.3301791

#1	.5216336	214.0562	295.0075	22.08516	.1252895	.0850955
#2	.5238666	214.3963	296.5788	22.17691	.1250325	.0852229
#3	.5286135	213.5321	297.3141	22.11129	.1246997	.0856345

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8267357	.3592309	.8112081	21.18420	9.681491	.0182380
Stddev	.0637192	.0107721	.0045925	.11482	.003455	.0012985
%RSD	7.707319	2.998666	.5661361	.5420117	.0356882	7.119553

#1	.8517749	.3523149	.8067203	21.07816	9.682065	.0167402
#2	.8741321	.3537354	.8158987	21.16828	9.677785	.0189293
#3	.7543003	.3716424	.8110052	21.30615	9.684624	.0190446

Sample Name: K2939-02 Acquired: 05/29/2019 16:42:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA053D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267000	1.540415	4.078776	.0128495	1.451085	.0745728
Stddev	.0004976	.011061	.022755	.0003044	.004177	.0016904
%RSD	1.863847	.7180743	.5578816	2.369029	.2878339	2.266751

#1	.0270041	1.552694	4.098516	.0128060	1.446282	.0758654
#2	.0269702	1.531230	4.083923	.0131733	1.453866	.0751931
#3	.0261257	1.537321	4.053888	.0125691	1.453108	.0726599

Elem	Sr4077
Units	ppm
Avg	1.331566
Stddev	.001578
%RSD	.1185219

#1	1.329744
#2	1.332516
#3	1.332438

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2538.885	3154.924	55332.58	13211.07	2768.345
Stddev	8.895	2.010	130.79	51.90	2.729
%RSD	.3503310	.0637161	.2363644	.3928564	.0985729

#1	2532.791	3152.603	55183.10	13164.36	2765.618
#2	2534.773	3156.062	55388.70	13201.92	2768.342
#3	2549.092	3156.107	55425.94	13266.94	2771.076

Sample Name: K2940-21 Acquired: 05/29/2019 16:59:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA181D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.972025	.0048455	1.383403	-.007278	.0078510	43.64199	.0811010
Stddev	.009903	.0027876	.004536	.001319	.0019796	.15593	.0004058
%RSD	.5021796	57.52825	.3278817	18.12227	25.21466	.3573035	.5003497

#1	1.963795	.0080513	1.378293	-.007710	.0101338	43.47486	.0811592
#2	1.969264	.0029921	1.386953	-.008327	.0066080	43.66753	.0814746
#3	1.983015	.0034932	1.384962	-.005797	.0068111	43.78358	.0806693

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142298	.0357524	107.3844	.0313199	.0251091	3.266189	37.04893
Stddev	.0001521	.0002609	.5444	.0002113	.0003184	.002424	.17468
%RSD	1.068999	.7296523	.5069839	.6746935	1.268054	.0742294	.4714759

#1	.0141760	.0354512	106.7560	.0314224	.0253632	3.268987	36.86399
#2	.0141119	.0359068	107.6827	.0314605	.0252121	3.264883	37.07167
#3	.0144015	.0358991	107.7145	.0310769	.0247519	3.264698	37.21112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.077243	20.40943	.0322101	-.001252	3.029453	.0858644	1.413734
Stddev	.033975	.11440	.0006304	.000199	.109826	.0014670	.010548
%RSD	.6691687	.5605198	1.957003	15.92275	3.625269	1.708455	.7461080

#1	5.042339	20.27812	.0318232	-.001288	3.102835	.0864888	1.414692
#2	5.079185	20.48753	.0329375	-.001037	3.082333	.0869159	1.423771
#3	5.110207	20.46264	.0318696	-.001431	2.903190	.0841886	1.402740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.84817	22.50265	.1288982	.0006926	1300.022	41.33617	-.003047
Stddev	.01498	.09581	.0009196	.0004631	3.479	.19318	.000593
%RSD	.0754858	.4257557	.7134369	66.85821	.2676247	.4673350	19.47357

#1	19.83385	22.39242	.1283496	.0009785	1296.569	41.19783	-.003725
#2	19.86374	22.56595	.1283851	.0001584	1299.970	41.25379	-.002620
#3	19.84691	22.54957	.1299599	.0009410	1303.527	41.55688	-.002797

Sample Name: K2940-21 Acquired: 05/29/2019 16:59:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA181D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3044837	.0168270	.7056980
Stddev	.0017659	.0004997	.0008854
%RSD	.5799678	2.969923	.1254657

#1	.3029321	.0166490	.7049285
#2	.3064053	.0164406	.7066657
#3	.3041139	.0173914	.7054998

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.099	2651.256	46998.44	11064.28	2896.013
Stddev	19.236	.888	140.59	54.17	7.529
%RSD	.8992421	.0335026	.2991465	.4896251	.2599809

#1	2147.095	2650.952	46903.70	11126.84	2904.577
#2	2117.155	2652.256	46931.64	11032.88	2890.435
#3	2153.046	2650.559	47159.98	11033.14	2893.026

Sample Name: K2940-20 Acquired: 05/29/2019 16:55:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	1.955154	.0061682	1.378095	-.006236	.0078442	43.51557	.0813093
Stddev	.005847	.0008688	.003634	.001392	.0008227	.19904	.0002253
%RSD	.2990709	14.08546	.2637232	22.33071	10.48854	.4573965	.2770363

#1	1.961359	.0063658	1.378668	-.007651	.0084510	43.30096	.0813837
#2	1.954358	.0052176	1.374208	-.006188	.0069077	43.55164	.0810562
#3	1.949746	.0069212	1.381408	-.004868	.0081739	43.69410	.0814879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142082	.0356673	107.6227	.0309425	.0250631	3.258902	37.09403
Stddev	.0000894	.0001550	.4790	.0007397	.0003317	.013261	.17452
%RSD	.6294229	.4346141	.4451141	2.390487	1.323509	.4069168	.4704770

#1	.0142701	.0356694	107.2611	.0308654	.0253195	3.244378	36.99364
#2	.0141057	.0358213	107.4409	.0317177	.0251813	3.261964	36.99290
#3	.0142489	.0355113	108.1660	.0302444	.0246885	3.270364	37.29555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.105690	20.39283	.0324375	-.001442	3.127598	.0871393	1.408711
Stddev	.035945	.12685	.0003565	.000087	.143765	.0029321	.005781
%RSD	.7040198	.6220226	1.099110	6.006596	4.596666	3.364886	.4104094

#1	5.067973	20.30433	.0328256	-.001427	3.255016	.0862434	1.413028
#2	5.109544	20.33599	.0323623	-.001363	2.971737	.0847597	1.402143
#3	5.139553	20.53815	.0321246	-.001535	3.156042	.0904149	1.410963

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.93367	22.33787	.1279514	.0010927	1299.353	41.59065	-.003811
Stddev	.02376	.03857	.0014446	.0001132	.819	.10539	.000639
%RSD	.1192013	.1726679	1.128982	10.36081	.0630264	.2533922	16.77611

#1	19.90873	22.31098	.1292777	.0012185	1300.298	41.47385	-.003887
#2	19.93624	22.32057	.1264122	.0009989	1298.892	41.67863	-.003137
#3	19.95604	22.38206	.1281641	.0010607	1298.867	41.61946	-.004409

Sample Name: K2940-20 Acquired: 05/29/2019 16:55:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.3027286	.0179116	.7034051
Stddev	.0017222	.0006674	.0006443
%RSD	.5688808	3.726270	.0915916

#1	.3011063	.0185325	.7029804
#2	.3025439	.0172058	.7030884
#3	.3045357	.0179964	.7041464

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.994	2650.941	46900.78	11049.70	2899.301
Stddev	2.593	5.436	223.94	32.32	2.194
%RSD	.1209635	.2050460	.4774695	.2924656	.0756851

#1	2142.539	2647.064	47052.82	11078.54	2900.539
#2	2142.455	2648.604	46643.63	11055.80	2896.767
#3	2146.988	2657.154	47005.91	11014.77	2900.596

Sample Name: K2940-22 Acquired: 05/29/2019 17:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA080S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.988979	.0594386	1.221726	.0385007	.0991366	45.14488	1.498219
Stddev	.006766	.0021144	.005716	.0008753	.0013605	.11518	.007705
%RSD	.3401626	3.557345	.4678543	2.273470	1.372353	.2551241	.5142439

#1	1.981584	.0586455	1.218405	.0379370	.0979737	45.20867	1.504240
#2	1.990496	.0618349	1.218448	.0380561	.1006328	45.01193	1.489536
#3	1.994858	.0578354	1.228327	.0395091	.0988034	45.21406	1.500879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600734	.0904745	107.2372	.2133635	.5547754	3.428149	37.81160
Stddev	.0003984	.0002381	.4389	.0006516	.0011431	.010899	.06402
%RSD	.6631666	.2631691	.4092991	.3053853	.2060406	.3179269	.1693096

#1	.0604367	.0902313	107.7296	.2135575	.5548327	3.430273	37.84197
#2	.0596474	.0907072	106.8871	.2126369	.5558887	3.416345	37.73805
#3	.0601361	.0904851	107.0948	.2138960	.5536048	3.437830	37.85479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.545275	20.21867	.5712462	.0441476	2.891436	.5446384	1.836245
Stddev	.030101	.06486	.0013802	.0006526	.181207	.0072564	.009453
%RSD	.5428166	.3207771	.2416157	1.478236	6.267020	1.332326	.5147961

#1	5.579947	20.29351	.5704982	.0436832	2.721606	.5528893	1.825762
#2	5.525823	20.17882	.5728390	.0438658	3.082201	.5392495	1.838855
#3	5.530057	20.18369	.5704014	.0448937	2.870500	.5417764	1.844119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.84116	22.25372	.1299468	.0007550	1287.184	41.52701	-.003278
Stddev	.07036	.03647	.0026056	.0002566	1.312	.31744	.000056
%RSD	.3545984	.1638891	2.005106	33.99187	.1019125	.7644246	1.697361

#1	19.84919	22.21981	.1317381	.0005249	1286.041	41.87752	-.003216
#2	19.76713	22.24904	.1269577	.0010318	1288.616	41.25886	-.003323
#3	19.90715	22.29230	.1311446	.0007082	1286.896	41.44466	-.003294

Sample Name: K2940-22 Acquired: 05/29/2019 17:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA080S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3022706	.0161606	.6959054
Stddev	.0009588	.0003954	.0018680
%RSD	.3171971	2.446670	.2684326

#1	.3012264	.0158618	.6947055
#2	.3024739	.0166089	.6949530
#3	.3031113	.0160111	.6980577

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.702	2653.661	46928.44	11050.88	2916.523
Stddev	1.535	4.840	66.81	90.92	3.625
%RSD	.0717367	.1823802	.1423752	.8227581	.1243015

#1	2139.537	2658.870	47000.92	10947.88	2914.315
#2	2141.313	2649.304	46915.10	11119.97	2914.547
#3	2138.256	2652.809	46869.31	11084.79	2920.707

Sample Name: CCV049 Acquired: 05/29/2019 17:11:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.560531	4.693998	23.95350	4.503408	4.735858	410.3032
Stddev	.010551	.015970	.02712	.007063	.008433	1.4990
%RSD	.2313543	.3402219	.1132116	.1568376	.1780612	.3653511

#1	4.561259	4.676581	23.92560	4.505129	4.745592	408.6315
#2	4.570698	4.707953	23.97977	4.509452	4.730773	411.5279
#3	4.549634	4.697459	23.95512	4.495644	4.731209	410.7502

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.936534	.4854536	2.375147	409.8077	14.64715	2.454067
Stddev	.007465	.0018434	.003104	3.0173	.02280	.001373
%RSD	.0751223	.3797272	.1306862	.7362706	.1556483	.0559296

#1	9.929609	.4847932	2.371881	406.3339	14.66054	2.452786
#2	9.935554	.4840313	2.375504	411.7759	14.66009	2.455516
#3	9.944441	.4875362	2.378058	411.3133	14.62083	2.453900

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63357	412.4787	14.40612	408.5112	2.433213	1.228768
Stddev	.04523	2.5460	.14382	2.9657	.001697	.004213
%RSD	.3090630	.6172465	.9983256	.7259761	.0697482	.3428753

#1	14.58466	409.5857	14.25470	405.1657	2.435001	1.225198
#2	14.67389	413.4722	14.54089	409.5510	2.433016	1.233415
#3	14.64216	414.3781	14.42278	410.8170	2.431624	1.227690

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.6844	2.438031	14.50082	150.5164	F 4.394407	4.952404
Stddev	1.9768	.017074	.11849	.2720	.005161	.025274
%RSD	.4860853	.7003293	.8171604	.1806963	.1174381	.5103350

#1	404.4243	2.418655	14.36400	150.3601	4.399382	4.926235
#2	408.0916	2.450872	14.57021	150.3586	4.394762	4.954300
#3	407.5374	2.444568	14.56826	150.8305	4.389079	4.976676

Sample Name: CCV049 Acquired: 05/29/2019 17:11:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV049 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.838156	4.573178	4.857717	4.900955	4.888870	4.950833
Stddev	.009185	.018401	.020755	.004951	.022092	.007315
%RSD	.1898397	.4023722	.4272623	.1010225	.4518902	.1477589
#1	4.842171	4.568862	4.835860	4.896234	4.863809	4.947405
#2	4.844650	4.593354	4.860129	4.900523	4.905526	4.959232
#3	4.827648	4.557318	4.877160	4.906107	4.897275	4.945861

Elem	Sr4077
Units	ppm
Avg	4.828122
Stddev	.065523
%RSD	1.357111
#1	4.780687
#2	4.800794
#3	4.902886

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1583.692	1955.887	37177.42	8910.873	2495.795
Stddev	8.598	2.490	7.89	42.735	.823
%RSD	.5429317	.1273278	.0212113	.4795774	.0329578
#1	1590.475	1954.990	37171.28	8914.487	2496.651
#2	1586.579	1953.970	37174.68	8951.686	2495.011
#3	1574.021	1958.702	37186.31	8866.447	2495.724

Sample Name: CCB049 Acquired: 05/29/2019 17:14:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001165	-.001014	.0024579	-.002947	-.000522	-.010620
Stddev	.001037	.001663	.0023589	.002669	.000696	.009318
%RSD	89.06239	164.0399	95.97265	90.58613	133.4829	87.74218

#1	-.002211	-.001098	.0015325	-.005600	.000268	-.014319
#2	-.001146	-.002633	.0051391	-.000261	-.001049	-.000020
#3	-.000137	.000690	.0007020	-.002979	-.000783	-.017521

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011276	-.000049	.0001625	-.012635	-.000206	-.000063
Stddev	.0010113	.000014	.0000946	.008970	.000335	.000303
%RSD	89.68952	29.57025	58.25565	70.99535	162.8411	477.5266

#1	.0022277	-.000056	.0002172	-.008661	.000173	.000234
#2	.0002383	-.000058	.0000532	-.022906	-.000465	-.000371
#3	.0009167	-.000032	.0002171	-.006338	-.000326	-.000053

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024243	.0016291	.0001637	-.008462	-.000250	.0002724
Stddev	.0029892	.0039511	.0000959	.024851	.000280	.0001608
%RSD	123.3020	242.5333	58.60941	293.6687	111.8328	59.02927

#1	.0050369	-.000050	.0002539	-.013477	-.000350	.0001404
#2	.0030716	.006143	.0001741	-.030424	.000066	.0002254
#3	-.000836	-.001205	.0000629	.018514	-.000466	.0004515

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4011112	.0019451	.0007425	.1307263	.0029423	.0052728
Stddev	.2281999	.0015500	.0014079	.0369090	.0011710	.0010315
%RSD	56.89191	79.68820	189.6043	28.23383	39.80022	19.56325

#1	.3977985	.0011295	.0022967	.1437241	.0017702	.0061513
#2	.1745858	.0037325	-.000448	.1593782	.0041122	.0055301
#3	.6309495	.0009731	.000378	.0890768	.0029445	.0041370

Sample Name: CCB049 Acquired: 05/29/2019 17:14:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005062	F .1045815	-.000787	.0005945	.0007953	.0059617
Stddev	.0004102	.0031047	.000778	.0018016	.0003589	.0007914
%RSD	81.03456	2.968742	98.87184	303.0558	45.13162	13.27521

#1	.0009792	.1046082	-.000022	.0022311	.0003886	.0061652
#2	.0002475	.1076728	-.000760	.0008882	.0009292	.0066314
#3	.0002919	.1014635	-.001577	-.001336	.0010680	.0050883

Elem	Sr4077
Units	ppm
Avg	.0000298
Stddev	.0001025
%RSD	344.0190

#1	.0000911
#2	-.000089
#3	.000087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1792.372	2232.675	39023.41	9211.902	2793.098
Stddev	3.061	7.061	43.69	43.012	7.719
%RSD	.1707590	.3162798	.1119595	.4669197	.2763611

#1	1789.050	2224.903	38992.28	9254.934	2787.358
#2	1792.987	2238.698	39004.61	9211.861	2790.061
#3	1795.078	2234.422	39073.36	9168.910	2801.873

Sample Name: K2941-07 Acquired: 05/29/2019 17:19:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA106 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1287057	.0019247	.4769463	-.006809	-.001167	5.189186	.0417083
Stddev	.0022367	.0004860	.0006020	.001396	.000674	.011093	.0005307
%RSD	1.737863	25.24870	.1262289	20.49623	57.76494	.2137621	1.272452

#1	.1290090	.0013662	.4768658	-.008098	-.000497	5.201568	.0418068
#2	.1263328	.0021565	.4775845	-.007003	-.001159	5.185831	.0421829
#3	.1307753	.0022514	.4763885	-.005327	-.001846	5.180158	.0411352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085649	.0062191	36.30295	.0340902	.0376321	.3244442	12.96551
Stddev	.0000497	.0000743	.10971	.0001060	.0002985	.0005562	.03334
%RSD	.5801310	1.195251	.3022049	.3108729	.7933167	.1714237	.2571511

#1	.0085200	.0062552	36.38897	.0341859	.0377188	.3250708	13.00368
#2	.0085564	.0062686	36.34049	.0341085	.0372998	.3240089	12.94206
#3	.0086183	.0061337	36.17940	.0339763	.0378778	.3242530	12.95079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.385015	6.016283	.0129045	.0005222	3.120962	.2696332	.5207270
Stddev	.005849	.052080	.0007054	.0005622	.177323	.0009058	.0066156
%RSD	.4222935	.8656425	5.466375	107.6575	5.681688	.3359339	1.270448

#1	1.389471	6.066565	.0125269	-.000076	3.083631	.2689623	.5175356
#2	1.387182	6.019708	.0124683	.001039	2.965277	.2692738	.5283333
#3	1.378392	5.962575	.0137184	.000604	3.313979	.2706635	.5163122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.641442	2.387560	.2741156	.0006375	1351.716	12.76598	-.002570
Stddev	.044845	.009067	.0018904	.0002167	9.800	.06350	.000182
%RSD	1.231511	.3797419	.6896334	34.00004	.7249727	.4974413	7.068501

#1	3.683031	2.387762	.2736500	.0008771	1356.922	12.82085	-.002376
#2	3.647366	2.396524	.2725014	.0004550	1357.815	12.69642	-.002598
#3	3.593930	2.378394	.2761953	.0005803	1340.413	12.78066	-.002736

Sample Name: K2941-07 Acquired: 05/29/2019 17:19:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0224491	.0010991	.2165460
Stddev	.0006707	.0005807	.0005374
%RSD	2.987816	52.83387	.2481649

#1	.0227105	.0010742	.2161153
#2	.0216870	.0005313	.2171482
#3	.0229498	.0016919	.2163743

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.630	3291.090	57794.51	13478.88	2969.163
Stddev	31.911	8.809	430.43	39.45	9.173
%RSD	1.209387	.2676722	.7447652	.2927156	.3089361

#1	2650.425	3291.040	57878.47	13454.16	2963.648
#2	2602.500	3282.305	57328.27	13458.10	2964.090
#3	2662.964	3299.923	58176.77	13524.39	2979.752

Sample Name: K2941-08 Acquired: 05/29/2019 17:23:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA106D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1292512	-.000135	.4798849	-.006174	-.000495	5.268538	.0417861
Stddev	.0025115	.001436	.0019111	.001333	.000930	.041079	.0001471
%RSD	1.943083	1066.431	.3982467	21.59651	187.9737	.7797020	.3519732

#1	.1288440	-.000947	.4806655	-.007580	.000412	5.221886	.0418139
#2	.1269682	.001523	.4777071	-.006016	-.000450	5.299290	.0419174
#3	.1319414	-.000980	.4812822	-.004927	-.001446	5.284440	.0416272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086789	.0061776	37.21429	.0339210	.0377496	.3318137	13.10832
Stddev	.0000544	.0001652	.22585	.0003265	.0003708	.0014941	.05850
%RSD	.6272512	2.674831	.6068943	.9625283	.9822131	.4502913	.4463113

#1	.0087187	.0060434	36.95448	.0336203	.0377393	.3305157	13.04823
#2	.0087012	.0061273	37.36379	.0338744	.0373840	.3314783	13.16510
#3	.0086169	.0063622	37.32460	.0342683	.0381254	.3334470	13.11163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.430506	6.113194	.0136423	.0003453	3.270630	.2761924	.5258717
Stddev	.013135	.038219	.0001702	.0001001	.155716	.0002349	.0077485
%RSD	.9181738	.6251830	1.247646	28.97591	4.761053	.0850613	1.473465

#1	1.415753	6.090559	.0135542	.0002615	3.384644	.2764114	.5170233
#2	1.440929	6.091702	.0135342	.0004561	3.334032	.2759442	.5314449
#3	1.434835	6.157320	.0138385	.0003183	3.093214	.2762216	.5291468

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.706045	2.406866	.2784794	.0005260	1337.165	13.05780	-.002023
Stddev	.014751	.014218	.0015385	.0001113	3.226	.06193	.001262
%RSD	.3980271	.5907433	.5524503	21.16241	.2412649	.4742727	62.41483

#1	3.696885	2.390512	.2801898	.0005748	1334.313	13.12901	-.002477
#2	3.723062	2.416302	.2780397	.0006046	1340.666	13.02784	-.000596
#3	3.698189	2.413783	.2772086	.0003986	1336.514	13.01654	-.002996

Sample Name: K2941-08 Acquired: 05/29/2019 17:23:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0227681	.0005726	.2202567
Stddev	.0012640	.0002908	.0006997
%RSD	5.551763	50.78276	.3176766

#1	.0216124	.0008563	.2194725
#2	.0225739	.0002752	.2204807
#3	.0241180	.0005864	.2208170

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.677	3329.575	58252.30	13446.25	2992.947
Stddev	29.935	2.804	459.01	6.34	6.961
%RSD	1.132334	.0842286	.7879633	.0471207	.2325882

#1	2678.162	3326.527	58775.88	13443.85	2986.871
#2	2628.494	3330.151	58061.78	13453.43	2991.428
#3	2624.376	3332.047	57919.23	13441.46	3000.543

Sample Name: K2941-09 Acquired: 05/29/2019 17:27:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA106S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1599312	.0510352	.2667570	.0311346	.0721960	6.557325	.3457615
Stddev	.0014191	.0017550	.0038794	.0005219	.0014967	.020398	.0037423
%RSD	.8873330	3.438753	1.454289	1.676239	2.073120	.3110649	1.082348

#1	.1592053	.0523277	.2706718	.0306601	.0735594	6.561735	.3453290
#2	.1590219	.0490372	.2629140	.0310500	.0705945	6.575156	.3497014
#3	.1615664	.0517406	.2666854	.0316936	.0724341	6.535083	.3422543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0450014	.0611549	36.41248	.1817399	.5585644	.4756913	13.66277
Stddev	.0000788	.0002412	.12140	.0000417	.0020039	.0022349	.02104
%RSD	.1751309	.3943699	.3334044	.0229336	.3587563	.4698315	.1539799

#1	.0449143	.0608764	36.52429	.1817745	.5564802	.4777520	13.68483
#2	.0450678	.0612910	36.42980	.1817515	.5587361	.4760063	13.66054
#3	.0450221	.0612973	36.28335	.1816936	.5604769	.4733155	13.64293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.772358	6.021768	.5462967	.0363954	3.276871	.6494497	.8926289
Stddev	.009823	.008414	.0019617	.0004617	.136269	.0065296	.0057119
%RSD	.5542524	.1397324	.3590849	1.268456	4.158512	1.005402	.6399012

#1	1.782521	6.031460	.5440440	.0367135	3.314997	.6499113	.8986591
#2	1.762913	6.017509	.5472177	.0358659	3.390016	.6557363	.8919276
#3	1.771641	6.016335	.5476285	.0366068	3.125599	.6427016	.8873000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.673091	2.396326	.2706370	.0007489	1344.767	12.65759	-.000920
Stddev	.022696	.004605	.0008853	.0002079	2.235	.01601	.001590
%RSD	.6178895	.1921848	.3271103	27.75455	.1662155	.1264488	172.9162

#1	3.680165	2.396193	.2700332	.0007535	1343.136	12.65676	.000701
#2	3.647701	2.391789	.2716533	.0005389	1343.851	12.67400	-.002477
#3	3.691408	2.400997	.2702246	.0009545	1347.315	12.64202	-.000983

Sample Name: K2941-09 Acquired: 05/29/2019 17:27:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0213209	.0017721	.2120087
Stddev	.0006954	.0014490	.0005728
%RSD	3.261629	81.76538	.2701592

#1	.0220280	.0029649	.2122580
#2	.0206378	.0001596	.2124146
#3	.0212970	.0021919	.2113535

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.311	3321.541	58600.06	13802.02	2998.786
Stddev	16.995	8.630	147.82	33.62	11.682
%RSD	.6417158	.2598280	.2522591	.2435710	.3895638

#1	2632.121	3329.747	58510.92	13783.09	3011.484
#2	2666.009	3322.335	58770.69	13840.84	2996.380
#3	2646.802	3312.542	58518.56	13782.14	2988.495

Sample Name: K2938-02 Acquired: 05/29/2019 17:39:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.613289	.0028164	.2619218	-.006324	.0052255	25.37548	.5481253
Stddev	.005045	.0010467	.0012378	.000572	.0029675	.05792	.0015172
%RSD	.3127106	37.16324	.4725913	9.039650	56.78860	.2282326	.2768015

#1	1.609274	.0029780	.2619735	-.006512	.0072743	25.32200	.5478975
#2	1.618952	.0016983	.2631330	-.006778	.0065798	25.43699	.5497435
#3	1.611641	.0037729	.2606590	-.005682	.0018225	25.36746	.5467348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023125	.0002057	45.63150	-.003953	.0020797	.0189295	114.5956
Stddev	.0000829	.0000367	.03025	.000569	.0004281	.0004161	.3295
%RSD	3.585007	17.86375	.0662879	14.38367	20.58648	2.198343	.2875057

#1	.0022168	.0001649	45.63134	-.003311	.0025357	.0193817	114.2160
#2	.0023618	.0002360	45.66183	-.004154	.0020173	.0188442	114.8078
#3	.0023589	.0002163	45.60134	-.004393	.0016862	.0185626	114.7629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6119084	10.99164	.0015345	.0053071	2.657846	.0378030	.0270467
Stddev	.0015501	.05870	.0005425	.0000591	.044737	.0019601	.0017076
%RSD	.2533266	.5340660	35.35358	1.114439	1.683191	5.184927	6.313631

#1	.6133534	10.93121	.0021352	.0052997	2.695410	.0366320	.0264369
#2	.6102711	11.04844	.0010801	.0052520	2.669773	.0367112	.0257277
#3	.6121008	10.99527	.0013884	.0053696	2.608354	.0400658	.0289755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.70733	1.468671	.0351083	.0234500	30.15090	3.470144	-.000653
Stddev	.03785	.003389	.0028946	.0003500	.04618	.019059	.000337
%RSD	.1031261	.2307545	8.244858	1.492461	.1531479	.5492410	51.64166

#1	36.66365	1.467908	.0317847	.0230734	30.20345	3.491883	-.000988
#2	36.73062	1.465728	.0364639	.0237653	30.13241	3.456303	-.000314
#3	36.72772	1.472376	.0370764	.0235112	30.11683	3.462246	-.000656

Sample Name: K2938-02 Acquired: 05/29/2019 17:39:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA089 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0173308	.0200008	.3765642
Stddev	.0013912	.0008891	.0011240
%RSD	8.027197	4.445498	.2984909

#1	.0164488	.0197361	.3755021
#2	.0166092	.0192741	.3777412
#3	.0189346	.0209922	.3764493

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.590	2439.849	43633.52	10343.99	2976.728
Stddev	8.518	1.163	253.49	36.53	2.688
%RSD	.4340237	.0476466	.5809590	.3531695	.0902860

#1	1970.506	2441.020	43866.81	10307.41	2974.105
#2	1953.576	2438.695	43363.77	10344.10	2976.603
#3	1963.688	2439.831	43669.98	10380.47	2979.476

Sample Name: K2938-01 Acquired: 05/29/2019 17:35:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.518592	.0279571	1.317501	-.045975	.0100375	31.25830
Stddev	.007923	.0004383	.004372	.003838	.0017666	.09860
%RSD	.3145944	1.567699	.3318611	8.348714	17.59964	.3154490

#1	2.518881	.0279665	1.321191	-.047607	.0119235	31.25524
#2	2.510527	.0275141	1.312672	-.041591	.0097674	31.16125
#3	2.526366	.0283905	1.318642	-.048728	.0084215	31.35839

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.722077	.0042535	.0129733	106.8518	-.030189	.1214017
Stddev	.004421	.0001718	.0003383	.8437	.000492	.0004278
%RSD	.2567127	4.038607	2.607698	.7895640	1.630517	.3523987

#1	1.717553	.0043551	.0130365	107.0591	-.030307	.1216512
#2	1.722293	.0040551	.0132756	105.9238	-.029649	.1209077
#3	1.726387	.0043502	.0126079	107.5725	-.030612	.1216463

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.566733	315.5963	F 106.8831	15.23811	.0934390	.3537626
Stddev	.008207	1.7506	1.0100	.12572	.0008153	.0017990
%RSD	.5238086	.5547108	.9449823	.8250604	.8725149	.5085324

#1	1.561644	316.1135	107.0654	15.22579	.0942488	.3554834
#2	1.562354	313.6454	105.7943	15.11901	.0934498	.3518944
#3	1.576200	317.0302	107.7896	15.36955	.0926184	.3539098

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9459789	.1029953	1.943841	19.78009	7.236219	.0386796
Stddev	.0527285	.0018990	.015329	.20907	.014448	.0012035
%RSD	5.573958	1.843816	.7885934	1.056948	.1996601	3.111561

#1	.9787971	.1008036	1.926142	19.61736	7.222299	.0395530
#2	.8851568	.1040306	1.952481	19.70702	7.235216	.0391792
#3	.9739829	.1041517	1.952900	20.01588	7.251143	.0373068

Sample Name: K2938-01 Acquired: 05/29/2019 17:35:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA088 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1109960	14.23205	5.287035	.0054924	.0758414	.0682196
Stddev	.0006437	.03792	.049016	.0012295	.0002046	.0010363
%RSD	.5799054	.2664633	.9270894	22.38585	.2698248	1.519003
#1	.1112925	14.23636	5.284500	.0049165	.0760459	.0670259
#2	.1102575	14.19215	5.239335	.0046566	.0758419	.0687447
#3	.1114380	14.26763	5.337268	.0069042	.0756366	.0688882

Elem	Sr4077
Units	ppm
Avg	1.807642
Stddev	.006945
%RSD	.3842266
#1	1.803392
#2	1.803878
#3	1.815657

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.458	2838.698	50896.10	12198.65	2918.063
Stddev	15.699	7.488	58.11	75.59	7.916
%RSD	.6893076	.2637755	.1141695	.6196946	.2712702
#1	2293.616	2832.083	50871.65	12214.15	2908.958
#2	2262.263	2846.828	50854.21	12265.30	2923.319
#3	2276.496	2837.184	50962.44	12116.51	2921.910

Sample Name: PB120164TB Acquired: 05/29/2019 17:43:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB009 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001601	.0002847	.0011611	.0009913	-.001538	-.009969
Stddev	.0030021	.0022317	.0019369	.0012249	.001087	.001341
%RSD	1874.840	783.7795	166.8175	123.5701	70.71269	13.45091

#1	-.001550	.0025647	.0006561	.0012225	-.002446	-.011503
#2	-.001596	.0001847	.0033004	-.000333	-.000333	-.009384
#3	.003627	-.001895	-.000473	.002084	-.001834	-.009020

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001860	.0000431	.0000983	-.018353	-.000071	-.000018
Stddev	.000487	.0000314	.0000507	.009660	.000483	.000090
%RSD	26.18868	72.84155	51.61705	52.63581	676.0159	505.7619

#1	-.002348	.0000712	.0001196	-.022663	.000384	.000037
#2	-.001374	.0000487	.0000404	-.025107	-.000021	.000031
#3	-.001858	.0000093	.0001348	-.007288	-.000578	-.000121

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012942	.0089461	.0002805	-.006416	.0005684	.0002100
Stddev	.0011313	.0054585	.0001495	.007454	.0003930	.0002354
%RSD	87.41635	61.01532	53.29815	116.1722	69.13607	112.1053

#1	.0006367	.0152259	.0001886	-.013009	.0010147	.0003165
#2	.0006453	.0062725	.0004530	.001672	.0002741	.0003733
#3	.0026006	.0053398	.0001999	-.007911	.0004164	-.000060

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2213956	-.002177	.0015157	-.048674	.0017158	-.004162
Stddev	.2254165	.000493	.0001390	.084146	.0021640	.000545
%RSD	101.8162	22.64432	9.171110	172.8773	126.1248	13.09321

#1	.0260844	-.002707	.0014948	-.046125	.0037163	-.004432
#2	.1700452	-.002092	.0013883	.034169	.0020124	-.004519
#3	.4680570	-.001732	.0016639	-.134066	-.000581	-.003535

Sample Name: PB120164TB Acquired: 05/29/2019 17:43:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002617	F .1204428	-.001163	-.001055	.0005420	.0006804
Stddev	.0002241	.0076236	.000867	.000395	.0010347	.0014548
%RSD	85.64967	6.329667	74.54761	37.47312	190.8993	213.8245

#1	.0001401	.1289327	-.001681	-.000702	-.000536	.0004870
#2	.0001246	.1182127	-.001645	-.000980	.001527	-.000668
#3	.0005203	.1141828	-.000162	-.001482	.000635	.002222

Elem	Sr4077
Units	ppm
Avg	-.000015
Stddev	.000106
%RSD	685.3558

#1	.000096
#2	-.000115
#3	-.000027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.639	2297.850	40671.58	9738.070	2890.920
Stddev	11.546	7.358	39.07	119.759	5.863
%RSD	.6259384	.3202059	.0960666	1.229805	.2028107

#1	1831.365	2292.474	40633.12	9872.807	2886.895
#2	1850.195	2306.236	40670.37	9643.744	2897.647
#3	1852.357	2294.841	40711.24	9697.659	2888.218

Sample Name: PB120053TB Acquired: 05/29/2019 17:47:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB009 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001948	.0004418	-.000894	-.000297	-.002707	-.017653	-.002532
Stddev	.001497	.0012532	.002155	.001920	.000800	.001353	.000352
%RSD	76.83545	283.6473	241.0132	647.3746	29.57209	7.665034	13.88758

#1	-.001286	.0004517	-.002494	-.002185	-.001811	-.016135	-.002606
#2	-.000897	.0016901	.001557	.001653	-.003353	-.018731	-.002841
#3	-.003662	-.000816	-.001746	-.000358	-.002956	-.018093	-.002150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000051	.0000525	-.014059	-.000574	.0001927	.0019020	.0016050
Stddev	.0000799	.0001212	.006271	.000231	.0003530	.0025995	.0039871
%RSD	1553.398	230.8604	44.60357	40.25828	183.1897	136.6718	248.4157

#1	-.000019	-.000069	-.007580	-.000587	.0005424	.0025405	-.001165
#2	.000094	.000173	-.014499	-.000798	-.000163	-.000957	-.000195
#3	-.000060	.000053	-.020098	-.000337	.000199	.004123	.006175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000170	.0050846	.0005209	.0005835	.4906231	.0000435	.0019223
Stddev	.0001223	.0125944	.0003421	.0000932	.1121078	.0028546	.0002967
%RSD	719.7218	247.6953	65.67105	15.96511	22.85009	6562.593	15.43319

#1	.0001575	.0188263	.0006140	.0006799	.5632888	-.001350	.0015816
#2	-.000041	-.005909	.0001419	.0004939	.5470693	.003327	.0021234
#3	-.000066	.002336	.0008067	.0005768	.3615113	-.001847	.0020620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.071497	.0011781	-.004415	-.000021	.0892348	-.000622	-.000678
Stddev	.049814	.0017621	.000628	.000160	.0007068	.001946	.001246
%RSD	69.67264	149.5698	14.23255	762.1592	.7920756	312.6350	183.6937

#1	-.120107	.0003830	-.003750	.000091	.0899799	.001558	.000747
#2	-.020560	.0031977	-.004494	-.000204	.0891507	-.002183	-.001223
#3	-.073824	-.000046	-.004999	.000050	.0885738	-.001241	-.001558

Sample Name: PB120053TB Acquired: 05/29/2019 17:47:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000227	-.000580	.0000414
Stddev	.000242	.002015	.0000444
%RSD	106.4440	347.3295	107.1182

#1	-.000415	-.000619	.0000151
#2	.000046	.001454	.0000165
#3	-.000314	-.002575	.0000927

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.766	2319.132	41025.76	9689.261	2914.178
Stddev	6.404	1.226	63.49	21.745	3.484
%RSD	.3419285	.0528790	.1547560	.2244189	.1195692

#1	1879.112	2317.778	41007.00	9710.197	2915.158
#2	1866.306	2320.167	40973.77	9690.795	2917.068
#3	1872.878	2319.451	41096.52	9666.790	2910.309

Sample Name: PB120053BS Acquired: 05/29/2019 18:03:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229130	.0529271	.0214787	.0740626	.1276845	.3880530
Stddev	.0008986	.0007018	.0025303	.0006898	.0024662	.0057610
%RSD	3.921709	1.325938	11.78058	.9313651	1.931512	1.484582

#1	.0238637	.0523635	.0226941	.0748536	.1255317	.3833886
#2	.0227977	.0537132	.0231721	.0737481	.1271465	.3862776
#3	.0220777	.0527046	.0185700	.0735862	.1303753	.3944927

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4272744	.0107091	.0111598	10.95447	.0222879	.1046238
Stddev	.0009126	.0000560	.0000979	.07335	.0005871	.0002803
%RSD	.2135887	.5232841	.8768920	.6696160	2.634306	.2679410

#1	.4280692	.0107650	.0111034	10.99847	.0216611	.1048198
#2	.4274762	.0106529	.0111032	10.86979	.0228250	.1043027
#3	.4262777	.0107096	.0112728	10.99515	.0223776	.1047489

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465370	.2289643	.0341200	10.58506	.0886254	.0214322
Stddev	.0022356	.0054886	.0005626	.06670	.0000980	.0001021
%RSD	4.803834	2.397131	1.648832	.6301753	.1105984	.4761351

#1	.0479176	.2234225	.0336963	10.56095	.0887230	.0214288
#2	.0477357	.2290723	.0339054	10.53377	.0885270	.0215359
#3	.0439578	.2343981	.0347583	10.66047	.0886263	.0213319

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77662	.1049742	.1232003	9.777741	.0200534	F .0179948
Stddev	.10648	.0015005	.0010184	.002888	.0006411	.0006654
%RSD	.9880874	1.429349	.8265879	.0295409	3.197082	3.697836

#1	10.72642	.1063530	.1221108	9.778787	.0205925	.0187513
#2	10.70453	.1033762	.1241282	9.774476	.0202233	.0177326
#3	10.89893	.1051932	.1233617	9.779962	.0193445	.0175004

Sample Name: PB120053BS Acquired: 05/29/2019 18:03:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS053 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216764	.2548771	.2126864	.0139040	.2226350	F .0997872
Stddev	.0003191	.0094119	.0037293	.0012715	.0002505	.0008248
%RSD	1.471909	3.692734	1.753425	9.144702	.1125315	.8265808
#1	.0216825	.2646003	.2124653	.0144719	.2228855	.0988692
#2	.0213543	.2542201	.2090726	.0124476	.2226350	.1004660
#3	.0219924	.2458109	.2165213	.0147926	.2223844	.1000265

Elem	Sr4077
Units	ppm
Avg	.2153951
Stddev	.0002676
%RSD	.1242507
#1	.2156312
#2	.2151044
#3	.2154497

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.455	2321.295	41311.88	9821.927	2986.012
Stddev	22.466	4.868	407.29	60.779	3.484
%RSD	1.198529	.2096897	.9858971	.6188049	.1166697
#1	1870.764	2319.741	41207.89	9783.103	2983.462
#2	1854.063	2326.750	40966.66	9891.971	2989.981
#3	1898.537	2317.394	41761.08	9790.707	2984.592

Sample Name: K2941-07LX5 Acquired: 05/29/2019 17:59:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA106L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299209	.0006547	.0768561	-.001434	-.002197	1.097773	.0072963
Stddev	.0025418	.0007907	.0008011	.001469	.000857	.004803	.0006380
%RSD	8.494933	120.7765	1.042382	102.4627	39.01557	.4375315	8.743634

#1	.0328515	-.000252	.0776026	.000047	-.002776	1.094593	.0073395
#2	.0283167	.001014	.0760097	-.001457	-.001212	1.095427	.0079116
#3	.0285946	.001201	.0769561	-.002892	-.002604	1.103298	.0066378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018337	.0010853	7.715835	.0068950	.0060909	.0700665	2.771879
Stddev	.0000487	.0000753	.022087	.0004463	.0001458	.0024008	.004847
%RSD	2.656846	6.939879	.2862529	6.473650	2.393959	3.426413	.1748791

#1	.0018898	.0010434	7.737649	.0073546	.0062385	.0684465	2.776881
#2	.0018023	.0011723	7.693485	.0064632	.0059469	.0689284	2.767202
#3	.0018091	.0010403	7.716372	.0068671	.0060873	.0728247	2.771555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2955282	1.262314	.0029266	.0007784	.4816474	.0560287	.1141438
Stddev	.0010843	.012338	.0004137	.0003782	.1609558	.0015948	.0024278
%RSD	.3668976	.9774029	14.13610	48.58720	33.41776	2.846415	2.126937

#1	.2952489	1.270095	.0026919	.0003618	.6426823	.0541873	.1117202
#2	.2967248	1.248088	.0034042	.0008731	.4814890	.0569718	.1141355
#3	.2946109	1.268758	.0026835	.0011002	.3207709	.0569269	.1165757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6481387	.3955041	.0547436	.0001505	323.8154	2.680038	-.002745
Stddev	.0650866	.0023737	.0004781	.0002348	1.7485	.021728	.000300
%RSD	10.04207	.6001791	.8732657	156.0458	.5399733	.8107316	10.92062

#1	.6587701	.3976942	.0550899	.0003451	321.9879	2.696843	-.003062
#2	.5783909	.3929818	.0549427	-.000110	323.9861	2.687769	-.002465
#3	.7072550	.3958363	.0541982	.000217	325.4724	2.655502	-.002709

Sample Name: K2941-07LX5 Acquired: 05/29/2019 17:59:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0043757	-.000674	.0465072
Stddev	.0006680	.001272	.0001966
%RSD	15.26564	188.6961	.4227167

#1	.0046988	.000357	.0462941
#2	.0036076	-.002096	.0465463
#3	.0048206	-.000284	.0466814

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.077	2494.362	43941.26	10503.48	2967.692
Stddev	19.284	8.008	360.31	56.54	6.584
%RSD	.9631900	.3210402	.8199816	.5382674	.2218606

#1	2022.798	2498.688	44307.68	10513.52	2971.988
#2	1998.779	2499.277	43928.73	10442.60	2970.977
#3	1984.655	2485.122	43587.39	10554.32	2960.112

Sample Name: K2938-03 Acquired: 05/29/2019 18:07:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA090 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.093650	.0134639	.5581138	-.020897	.0229598	25.16273	.2307906
Stddev	.003579	.0027677	.0015225	.000881	.0013601	.06687	.0006646
%RSD	.1709219	20.55630	.2727863	4.213872	5.923808	.2657424	.2879480

#1	2.090129	.0163594	.5596262	-.021098	.0221660	25.17201	.2301802
#2	2.097284	.0108448	.5565814	-.021660	.0245303	25.22447	.2306932
#3	2.093538	.0131875	.5581339	-.019933	.0221831	25.09170	.2314985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030672	.0007786	27.31976	-.009120	.0343314	.2198635	225.7294
Stddev	.0000342	.0002017	.18021	.000148	.0002535	.0016621	1.2785
%RSD	1.115885	25.90834	.6596463	1.619433	.7383792	.7559622	.5663744

#1	.0030289	.0006640	27.40341	-.008950	.0345532	.2179465	226.8432
#2	.0030781	.0006603	27.44294	-.009219	.0343858	.2207415	226.0116
#3	.0030947	.0010115	27.11292	-.009191	.0340551	.2209024	224.3334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.308749	9.966270	.0175233	.2331923	.2770985	.1196750	.3687766
Stddev	.036944	.100163	.0004015	.0010665	.2069802	.0011839	.0012053
%RSD	.5855923	1.005017	2.291355	.4573616	74.69555	.9892892	.3268381

#1	6.310582	10.03970	.0173551	.2334900	.4871405	.1183550	.3689555
#2	6.344742	10.00694	.0172331	.2320086	.2708326	.1206432	.3674919
#3	6.270923	9.85217	.0179815	.2340784	.0733223	.1200267	.3698825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.68273	5.220867	.0491999	.2440169	30.57747	2.291610	.0032408
Stddev	.03636	.002893	.0056884	.0006182	.09555	.021727	.0002899
%RSD	.1946216	.0554071	11.56171	.2533499	.3124864	.9481285	8.946751

#1	18.68013	5.221199	.0436051	.2446691	30.67530	2.307681	.0035395
#2	18.72032	5.217822	.0490173	.2439420	30.57274	2.300258	.0029604
#3	18.64774	5.223579	.0549774	.2434395	30.48437	2.266890	.0032225

Sample Name: K2938-03 Acquired: 05/29/2019 18:07:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA090 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9715139	.0213373	.1893736
Stddev	.0038196	.0016771	.0001119
%RSD	.3931637	7.860079	.0590670

#1	.9720873	.0219456	.1894012
#2	.9750144	.0194409	.1892506
#3	.9674400	.0226255	.1894691

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.081	2564.706	45831.40	11075.00	2992.503
Stddev	13.318	4.801	223.15	75.93	3.176
%RSD	.6464748	.1871818	.4868965	.6855744	.1061286

#1	2062.288	2569.867	45798.22	11022.79	2989.655
#2	2072.157	2560.375	46069.28	11040.11	2991.925
#3	2045.797	2563.875	45626.70	11162.10	2995.928

Sample Name: K2938-04 Acquired: 05/29/2019 18:11:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.607458	.0127196	.9808335	-.021514	.0215872	84.31562	1.236843
Stddev	.002283	.0058530	.0056268	.004010	.0014328	.42473	.002348
%RSD	.1420347	46.01590	.5736773	18.64154	6.637115	.5037358	.1898394

#1	1.607630	.0060432	.9752664	-.023263	.0211835	84.14356	1.236830
#2	1.605093	.0169673	.9807160	-.016925	.0231785	84.79938	1.239198
#3	1.609650	.0151483	.9865182	-.024352	.0203996	84.00391	1.234502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048292	.0083359	25.09007	.0431389	.0882627	.8171398	220.4517
Stddev	.0001025	.0000327	.27157	.0002361	.0004674	.0034344	1.0397
%RSD	2.121433	.3919029	1.082399	.5472254	.5295542	.4203013	.4716184

#1	.0047362	.0083632	25.06164	.0431850	.0877794	.8136900	220.8327
#2	.0049390	.0083449	25.37475	.0433485	.0887124	.8205587	221.2471
#3	.0048123	.0082997	24.83383	.0428831	.0882963	.8171707	219.2752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.12148	30.20006	.0676215	.1238621	.8752566	.3062966	.8605914
Stddev	.23784	.16340	.0004888	.0004171	.0774255	.0049414	.0064181
%RSD	1.182008	.5410490	.7227948	.3367761	8.846034	1.613284	.7457765

#1	20.13016	30.22991	.0680096	.1233828	.8005676	.3089800	.8533555
#2	20.35485	30.34647	.0670726	.1241436	.8700467	.3093158	.8628228
#3	19.87941	30.02379	.0677822	.1240597	.9551555	.3005940	.8655960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.77899	7.987928	.0515687	.0581570	21.61174	4.178019	.0176860
Stddev	.19253	.028396	.0075090	.0003783	.04003	.046119	.0019590
%RSD	.5699772	.3554806	14.56111	.6504346	.1852015	1.103842	11.07646

#1	33.77009	7.963415	.0586396	.0577835	21.59142	4.148149	.0181840
#2	33.97582	7.981327	.0436874	.0585399	21.58596	4.231135	.0193479
#3	33.59106	8.019043	.0523792	.0581476	21.65786	4.154773	.0155261

Sample Name: K2938-04 Acquired: 05/29/2019 18:11:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA091 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.629004	.1113231	.2235801
Stddev	.020703	.0012777	.0006478
%RSD	.4472551	1.147709	.2897157

#1	4.619791	.1111704	.2234387
#2	4.652715	.1101287	.2242869
#3	4.614507	.1126703	.2230148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.614	2758.179	49089.84	11893.86	2982.065
Stddev	10.317	4.645	210.10	145.52	1.415
%RSD	.4667133	.1684169	.4279967	1.223470	.0474430

#1	2215.802	2756.446	48991.03	11932.31	2983.236
#2	2198.732	2754.649	48947.36	11732.98	2980.493
#3	2217.307	2763.441	49331.13	12016.29	2982.466

Sample Name: K2938-06 Acquired: 05/29/2019 18:19:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7899275	.0076151	.7021223	-.008663	.0085142	78.13363	3.945174
Stddev	.0061775	.0034403	.0011756	.003640	.0011336	.14526	.005294
%RSD	.7820318	45.17672	.1674306	42.01602	13.31468	.1859156	.1342015

#1	.7866232	.0098045	.7034769	-.010151	.0091343	78.03940	3.945956
#2	.7861049	.0036498	.7015206	-.011322	.0092025	78.06058	3.950034
#3	.7970544	.0093910	.7013693	-.004515	.0072058	78.30092	3.939532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065001	.0091445	26.79316	.1426501	.0401646	1.007639	104.1266
Stddev	.0000537	.0001221	.16306	.0008992	.0003598	.004139	.2568
%RSD	.8266092	1.334786	.6085933	.6303507	.8958883	.4107173	.2466432

#1	.0064585	.0090506	26.73650	.1419727	.0405797	1.012413	103.9790
#2	.0064811	.0092824	26.66598	.1436703	.0399707	1.005431	103.9776
#3	.0065608	.0091004	26.97699	.1423072	.0399433	1.005072	104.4231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.466464	39.93288	.0853918	.0009053	2.005026	.1627510	.8498717
Stddev	.009209	.09718	.0004283	.0003205	.257374	.0026725	.0014963
%RSD	.6279715	.2433501	.5015487	35.40311	12.83645	1.642085	.1760569

#1	1.461683	39.94293	.0853526	.0012505	2.206285	.1657859	.8482101
#2	1.460629	39.83107	.0858383	.0008483	1.715022	.1607494	.8502927
#3	1.477081	40.02464	.0849845	.0006171	2.093771	.1617178	.8511124

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.90575	3.739774	.0128426	.0068462	.5281500	2.982704	.0255204
Stddev	.03014	.000301	.0010241	.0001355	.0024273	.005199	.0015760
%RSD	.0719234	.0080581	7.974213	1.979289	.4595817	.1743137	6.175467

#1	41.91996	3.740118	.0132643	.0070027	.5274487	2.987184	.0242378
#2	41.87113	3.739645	.0116750	.0067708	.5261505	2.983923	.0272797
#3	41.92616	3.739558	.0135886	.0067652	.5308507	2.977003	.0250437

Sample Name: K2938-06 Acquired: 05/29/2019 18:19:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA093 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.425196	.0524459	.9607060
Stddev	.013868	.0006946	.0010267
%RSD	.2556195	1.324362	.1068717

#1	5.418038	.0523213	.9598703
#2	5.416370	.0531943	.9618521
#3	5.441180	.0518220	.9603955

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.009	2502.280	44433.22	10726.00	2987.949
Stddev	11.095	3.045	273.48	36.76	4.104
%RSD	.5547477	.1216990	.6154744	.3427537	.1373397

#1	2003.887	2505.696	44415.71	10735.93	2987.605
#2	1987.495	2501.293	44168.92	10685.29	2992.214
#3	2008.644	2499.850	44715.03	10756.78	2984.029

Sample Name: K2938-05 Acquired: 05/29/2019 18:15:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA092 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5125046	.0084541	.4299253	-.012985	.0019299	28.09165	.3489803
Stddev	.0018162	.0012958	.0018948	.001023	.0008596	.15190	.0009340
%RSD	.3543879	15.32724	.4407239	7.875538	44.54309	.5407258	.2676497

#1	.5105101	.0081536	.4285674	-.011813	.0029017	27.99656	.3479375
#2	.5140634	.0073350	.4320899	-.013696	.0016194	28.01157	.3497401
#3	.5129403	.0098738	.4291185	-.013446	.0012687	28.26684	.3492634

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048166	.0048670	17.47997	.0035274	.0427174	.2080519	95.87521
Stddev	.0000650	.0000545	.19698	.0003974	.0001914	.0010450	.66611
%RSD	1.350034	1.119971	1.126915	11.26573	.4481232	.5022810	.6947702

#1	.0048111	.0048315	17.44959	.0038365	.0426484	.2085795	95.50441
#2	.0047546	.0048398	17.29993	.0036665	.0425701	.2068483	95.47701
#3	.0048843	.0049298	17.69038	.0030791	.0429338	.2087279	96.64421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.23377	8.434442	.0329848	.0068965	.4345449	.3575960	.5294316
Stddev	.29706	.053241	.0005161	.0002501	.0747701	.0014008	.0025584
%RSD	1.090764	.6312317	1.564585	3.626972	17.20653	.3917324	.4832325

#1	27.13600	8.418813	.0332487	.0069794	.3798868	.3576575	.5296409
#2	26.99792	8.390765	.0333155	.0066155	.4039954	.3561654	.5318789
#3	27.56738	8.493748	.0323901	.0070947	.5197526	.3589651	.5267750

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.25148	2.445660	.0190677	.0231397	2.957123	5.101508	.0020381
Stddev	.02465	.002074	.0026064	.0000844	.014067	.040652	.0010777
%RSD	.2012130	.0847907	13.66913	.3648691	.4756963	.7968545	52.87606

#1	12.24313	2.447236	.0176747	.0232072	2.945552	5.110354	.0031120
#2	12.23209	2.446434	.0220746	.0231668	2.972781	5.057162	.0009567
#3	12.27922	2.443311	.0174538	.0230451	2.953035	5.137008	.0020456

Sample Name: K2938-05 Acquired: 05/29/2019 18:15:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA092 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5154167	.0278602	.2842218
Stddev	.0072229	.0005396	.0001994
%RSD	1.401370	1.936940	.0701650

#1	.5236941	.0284627	.2840501
#2	.5103931	.0276969	.2841747
#3	.5121628	.0274212	.2844406

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.391	3175.861	56301.25	13401.97	3007.329
Stddev	7.720	5.842	94.31	83.58	.447
%RSD	.3037679	.1839587	.1675036	.6236346	.0148494

#1	2547.946	3179.393	56229.96	13402.83	3007.252
#2	2532.882	3169.117	56265.59	13485.12	3007.809
#3	2543.344	3179.073	56408.18	13317.97	3006.926

Sample Name: K2938-07 Acquired: 05/29/2019 18:23:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4532220	.0071083	.3599473	-.007431	.0022639	70.90262	2.801222
Stddev	.0052946	.0014131	.0007133	.001147	.0007496	.21591	.002929
%RSD	1.168205	19.87982	.1981579	15.43329	33.10891	.3045204	.1045634

#1	.4548519	.0075367	.3599670	-.007751	.0014545	70.68748	2.798711
#2	.4473042	.0082577	.3606505	-.008384	.0029341	71.11930	2.804439
#3	.4575101	.0055306	.3592244	-.006158	.0024032	70.90109	2.800515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054538	.0048577	25.37508	.1576365	.0350838	.5516316	95.84067
Stddev	.0000716	.0001219	.06341	.0007014	.0000865	.0046043	.36530
%RSD	1.312745	2.509079	.2499072	.4449357	.2466550	.8346746	.3811495

#1	.0055083	.0048243	25.31780	.1570084	.0349875	.5484558	95.43740
#2	.0053727	.0049928	25.44322	.1583933	.0351550	.5569121	95.93518
#3	.0054804	.0047560	25.36420	.1575076	.0351088	.5495269	96.14942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.332302	40.92700	.0801276	-.003020	1.444638	.1839784	.6715709
Stddev	.010681	.13504	.0005331	.000237	.096604	.0020908	.0081924
%RSD	.4579516	.3299558	.6652762	7.848006	6.687043	1.136436	1.219882

#1	2.321300	40.77626	.0806708	-.003024	1.352638	.1820360	.6674436
#2	2.342629	40.96784	.0801067	-.002781	1.436009	.1861912	.6810060
#3	2.332978	41.03691	.0796053	-.003254	1.545267	.1837080	.6662630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.12027	4.261717	.0114550	.0026898	.5574445	4.005032	.0216922
Stddev	.06252	.012787	.0012905	.0003888	.0028659	.012028	.0014953
%RSD	.1598103	.3000391	11.26598	14.45453	.5141081	.3003327	6.893412

#1	39.10613	4.249957	.0122742	.0025786	.5563947	4.002638	.0216505
#2	39.06602	4.259864	.0121235	.0023687	.5552515	3.994381	.0202181
#3	39.18864	4.275329	.0099674	.0031220	.5606872	4.018078	.0232079

Sample Name: K2938-07 Acquired: 05/29/2019 18:23:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA094 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.723886	.0301602	.2359406
Stddev	.015424	.0013170	.0002402
%RSD	.2694625	4.366834	.1018022

#1	5.707710	.0311792	.2359621
#2	5.738428	.0306284	.2356904
#3	5.725519	.0286730	.2361693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.054	2504.055	44547.56	10553.17	2983.790
Stddev	12.306	.747	191.60	46.29	2.453
%RSD	.6140480	.0298242	.4301101	.4386329	.0822076

#1	2007.772	2504.033	44540.75	10582.79	2986.579
#2	1990.317	2503.320	44359.45	10576.90	2981.966
#3	2014.072	2504.813	44742.48	10499.83	2982.826

Sample Name: K2938-11 Acquired: 05/29/2019 18:27:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.181200	.0406924	6.418915	-.055489	.2068472	45.64712
Stddev	.001344	.0013547	.006722	.000729	.0013652	.05726
%RSD	.0422462	3.329144	.1047292	1.313042	.6600284	.1254341

#1	3.181459	.0410418	6.414531	-.055183	.2080952	45.65743
#2	3.179745	.0418381	6.415560	-.054964	.2053890	45.69852
#3	3.182395	.0391972	6.426655	-.056321	.2070573	45.58540

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3896139	.0117433	.0207067	22.61834	-.040829	.1957604
Stddev	.0010665	.0001015	.0000792	.11103	.000537	.0004433
%RSD	.2737371	.8638731	.3824380	.4909070	1.315765	.2264661

#1	.3898398	.0118105	.0207450	22.73240	-.040305	.1955017
#2	.3905494	.0117928	.0206157	22.51060	-.040803	.1955071
#3	.3884525	.0116266	.0207595	22.61202	-.041378	.1962723

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.012647	458.8726	F 135.3029	16.55531	.1053583	1.944315
Stddev	.006988	1.7705	1.0166	.06277	.0004777	.011358
%RSD	.3472162	.3858476	.7513702	.3791542	.4534289	.5841718

#1	2.013705	457.6630	134.4327	16.51823	.1048748	1.940644
#2	2.019045	458.0500	135.0558	16.51991	.1058300	1.957054
#3	2.005190	460.9048	136.4204	16.62778	.1053699	1.935245

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1680549	1.127563	5.189926	24.69560	3.915321	.0474298
Stddev	.1741985	.007739	.053805	.05173	.026152	.0046021
%RSD	103.6557	.6863089	1.036717	.2094822	.6679483	9.702920

#1	.3691691	1.121213	5.138615	24.72809	3.945120	.0428863
#2	.0643456	1.136183	5.245919	24.63595	3.904658	.0473147
#3	.0706501	1.125294	5.185243	24.72278	3.896185	.0520883

Sample Name: K2938-11 Acquired: 05/29/2019 18:27:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1286389	1.891900	4.385431	.0104632	1.361226	.0307064
Stddev	.0001001	.013496	.025668	.0008448	.000424	.0004599
%RSD	.0778543	.7133820	.5853092	8.073868	.0311124	1.497598
#1	.1287495	1.906113	4.394881	.0102178	1.361188	.0309218
#2	.1286127	1.879257	4.356377	.0114035	1.360823	.0310189
#3	.1285544	1.890329	4.405035	.0097682	1.361668	.0301783

Elem	Sr4077
Units	ppm
Avg	1.608602
Stddev	.001110
%RSD	.0690333
#1	1.609735
#2	1.607515
#3	1.608556

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.867	2975.762	52771.22	12498.82	2956.201
Stddev	14.307	4.254	454.76	32.11	3.125
%RSD	.6014374	.1429670	.8617503	.2569181	.1057122
#1	2392.143	2971.934	52925.10	12503.49	2952.594
#2	2363.714	2980.342	52259.49	12528.34	2958.104
#3	2380.743	2975.008	53129.07	12464.63	2957.905

Sample Name: K2938-13 Acquired: 05/29/2019 18:35:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0694560	.0113645	.2301187	-.010391	-.001574	86.71492	3.876486
Stddev	.0019713	.0026389	.0024026	.001238	.000932	.07164	.012421
%RSD	2.838214	23.22065	1.044057	11.91175	59.20095	.0826134	.3204296

#1	.0698564	.0142947	.2328072	-.011290	-.001480	86.66288	3.875619
#2	.0711964	.0106234	.2281818	-.010903	-.000692	86.68525	3.864521
#3	.0673152	.0091754	.2293670	-.008979	-.002548	86.79663	3.889318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097571	.0052819	36.56212	.1616103	.0583254	.2451798	125.2824
Stddev	.0000387	.0002014	.17728	.0005092	.0002105	.0020093	.2094
%RSD	.3962566	3.814045	.4848800	.3150873	.3609995	.8195035	.1671610

#1	.0097471	.0054180	36.58857	.1619002	.0584303	.2451770	125.0818
#2	.0097245	.0053772	36.72469	.1610223	.0584628	.2431719	125.4997
#3	.0097998	.0050504	36.37310	.1619083	.0580830	.2471904	125.2656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.937245	54.72164	.1135607	-.007576	1.524925	.2169069	.7164295
Stddev	.018889	.14336	.0001851	.000381	.146363	.0040421	.0032417
%RSD	.6430713	.2619715	.1629653	5.029289	9.598020	1.863511	.4524777

#1	2.942054	54.60903	.1136916	-.007136	1.356343	.2214078	.7154175
#2	2.953263	54.88302	.1136415	-.007792	1.598863	.2135863	.7200564
#3	2.916416	54.67286	.1133490	-.007800	1.619569	.2157267	.7138145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.81082	4.557595	.0122030	.0058310	.9154841	7.006965	.0167083
Stddev	.01278	.014054	.0014616	.0003575	.0046563	.029630	.0005192
%RSD	.0242089	.3083590	11.97713	6.130517	.5086168	.4228626	3.107347

#1	52.80028	4.563899	.0138717	.0059664	.9150586	6.975715	.0171253
#2	52.82504	4.567394	.0115875	.0061010	.9110552	7.034652	.0161268
#3	52.80714	4.541494	.0111499	.0054256	.9203386	7.010528	.0168729

Sample Name: K2938-13 Acquired: 05/29/2019 18:35:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA098 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.550591	.0684211	.8205206
Stddev	.015215	.0002507	.0011355
%RSD	.1779418	.3664410	.1383922

#1	8.545083	.0685094	.8210032
#2	8.538898	.0686158	.8192235
#3	8.567793	.0681382	.8213351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.886	2547.118	45333.46	10921.33	2953.992
Stddev	11.297	1.484	62.44	52.24	2.677
%RSD	.5562697	.0582476	.1377355	.4783408	.0906242

#1	2029.303	2548.824	45340.35	10931.84	2952.493
#2	2020.463	2546.124	45392.17	10864.63	2952.400
#3	2042.891	2546.407	45267.86	10967.51	2957.082

Sample Name: K2938-12 Acquired: 05/29/2019 18:31:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6128395	.0069913	.6413372	-.011497	.0071961	93.48319	1.926044
Stddev	.0009923	.0014936	.0026764	.001063	.0013157	.47587	.014776
%RSD	.1619145	21.36433	.4173119	9.246376	18.28319	.5090414	.7671744

#1	.6129743	.0067411	.6405291	-.012006	.0079592	93.68333	1.929169
#2	.6137575	.0085942	.6443245	-.012210	.0079523	93.82629	1.939008
#3	.6117868	.0056385	.6391579	-.010275	.0056769	92.93993	1.909956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058317	.0149523	22.94885	.1024156	.0650234	1.321371	119.8899
Stddev	.0001356	.0001717	.14458	.0011517	.0001911	.005693	.6856
%RSD	2.325694	1.148077	.6300160	1.124523	.2939250	.4308162	.5718567

#1	.0058681	.0148058	23.08293	.1030587	.0651181	1.318962	120.4670
#2	.0059455	.0149098	22.96796	.1010860	.0648034	1.327872	120.0707
#3	.0056816	.0151412	22.79566	.1031022	.0651487	1.317279	119.1320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.564163	34.51579	.0768463	-.000074	1.123116	.2206440	.9956494
Stddev	.037144	.20623	.0004031	.000239	.131642	.0019127	.0045066
%RSD	.5658655	.5974875	.5246088	322.3978	11.72111	.8668613	.4526310

#1	6.597123	34.68384	.0763930	-.000298	1.007741	.2220607	.9904599
#2	6.571452	34.57788	.0771646	-.000101	1.095094	.2214030	.9979101
#3	6.523915	34.28565	.0769813	.000177	1.266512	.2184683	.9985781

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.91949	5.130413	.0201526	.0058158	1.503150	7.360092	.0195025
Stddev	.26319	.013662	.0038070	.0000336	.003122	.044022	.0008950
%RSD	.7327105	.2663015	18.89062	.5771086	.2077012	.5981236	4.589339

#1	35.96713	5.137252	.0244682	.0058470	1.504465	7.373554	.0198751
#2	36.15559	5.114682	.0172703	.0057803	1.505398	7.395811	.0184813
#3	35.63573	5.139306	.0187195	.0058201	1.499585	7.310910	.0201510

Sample Name: K2938-12 Acquired: 05/29/2019 18:31:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA097 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.314415	.0832562	.2297475
Stddev	.020982	.0011887	.0014827
%RSD	.3948158	1.427776	.6453738

#1	5.317241	.0843950	.2302644
#2	5.333841	.0820232	.2309027
#3	5.292163	.0833504	.2280756

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.816	2602.831	46250.06	11128.62	2990.373
Stddev	4.959	8.002	108.79	71.87	6.498
%RSD	.2368422	.3074178	.2352106	.6458447	.2172916

#1	2096.802	2596.094	46303.66	11078.18	2989.138
#2	2088.091	2611.675	46321.65	11096.77	2997.400
#3	2096.555	2600.723	46124.88	11210.92	2984.582

Sample Name: K2939-04 Acquired: 05/29/2019 18:47:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA054 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2213797	-.003908	.2817907	-.011445	.0003405	19.93615	.2564188
Stddev	.0018593	.002292	.0016063	.001208	.0005259	.04345	.0003649
%RSD	.8398883	58.64109	.5700466	10.55290	154.4482	.2179411	.1422973

#1	.2233932	-.002063	.2835829	-.012102	.0004425	19.90281	.2560198
#2	.2197275	-.003188	.2813088	-.010051	-.000229	19.98529	.2565013
#3	.2210183	-.006473	.2804805	-.012183	.000808	19.92037	.2567355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060089	.0065670	34.08135	-.002025	.0412672	.4038394	74.43595
Stddev	.0000175	.0000649	.11043	.000230	.0002112	.0017300	.24817
%RSD	.2907263	.9888254	.3240143	11.35294	.5116638	.4283758	.3334001

#1	.0059899	.0065750	33.95433	-.001905	.0411766	.4040196	74.15845
#2	.0060127	.0064984	34.15451	-.002291	.0415085	.4020264	74.63661
#3	.0060242	.0066275	34.13522	-.001881	.0411165	.4054722	74.51281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.743444	8.860568	.0328613	-.006714	.5787319	.1186624	.2918535
Stddev	.010688	.035048	.0006730	.000135	.0639790	.0003585	.0044909
%RSD	.6130303	.3955457	2.047952	2.010742	11.05502	.3021435	1.538740

#1	1.731798	8.820324	.0321639	-.006766	.5213268	.1190761	.2952394
#2	1.745731	8.884386	.0329130	-.006560	.6477060	.1184694	.2935620
#3	1.752803	8.876995	.0335069	-.006815	.5671629	.1184417	.2867591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.583034	2.241251	.0124358	.0059694	.3791267	2.632546	.0007411
Stddev	.030346	.007372	.0016002	.0001175	.0071595	.017594	.0007317
%RSD	.5435326	.3289033	12.86804	1.968161	1.888424	.6683258	98.73386

#1	5.556879	2.241575	.0142320	.0059813	.3751734	2.612522	.0002857
#2	5.616305	2.248456	.0119134	.0058464	.3873913	2.645529	.0015851
#3	5.575917	2.233723	.0111620	.0060805	.3748156	2.639589	.0003525

Sample Name: K2939-04 Acquired: 05/29/2019 18:47:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA054 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3599205	.0339376	.1184479
Stddev	.0007602	.0003702	.0002892
%RSD	.2112132	1.090946	.2441753

#1	.3599743	.0336153	.1181462
#2	.3591348	.0343420	.1187228
#3	.3606524	.0338556	.1184747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3174.619	3945.413	70469.26	16850.06	2995.788
Stddev	2.522	11.402	212.39	69.98	2.673
%RSD	.0794428	.2889858	.3013901	.4153250	.0892177

#1	3171.866	3932.416	70270.25	16925.78	2992.755
#2	3175.174	3950.090	70692.88	16836.67	2997.799
#3	3176.817	3953.732	70444.66	16787.75	2996.811

Sample Name: CCV050 Acquired: 05/29/2019 18:51:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.549668	4.745864	24.22809	F 4.461879	4.733351	407.2867
Stddev	.004144	.011613	.01030	.008090	.015914	2.0662
%RSD	.0910785	.2446975	.0425278	.1813036	.3362096	.5073043

#1	4.547700	4.759232	24.23854	4.465265	4.714991	405.1169
#2	4.546874	4.740100	24.22780	4.452647	4.741870	409.2308
#3	4.554429	4.738261	24.21794	4.467726	4.743192	407.5123

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08156	.4799882	2.397550	408.2982	14.61486	2.486396
Stddev	.02590	.0038376	.001636	3.9391	.02001	.001601
%RSD	.2569196	.7995174	.0682542	.9647583	.1368919	.0643957

#1	10.05330	.4759492	2.399433	404.4478	14.63765	2.486982
#2	10.08722	.4835863	2.396476	412.3204	14.60678	2.484585
#3	10.10417	.4804292	2.396740	408.1264	14.60017	2.487623

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80683	409.3742	14.54857	402.9962	2.468231	1.233299
Stddev	.07163	1.8899	.17371	2.2312	.000932	.001637
%RSD	.4837646	.4616623	1.193999	.5536503	.0377444	.1327496

#1	14.73196	408.1718	14.38541	400.9763	2.467729	1.231543
#2	14.87471	411.5526	14.73119	405.3912	2.467658	1.233572
#3	14.81382	408.3981	14.52911	402.6212	2.469306	1.234783

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.1386	2.458386	14.71152	151.8448	F 4.452077	4.900043
Stddev	3.3806	.013392	.12378	1.0459	.022150	.045785
%RSD	.8344427	.5447527	.8414001	.6887931	.4975158	.9343839

#1	401.4220	2.448268	14.85316	150.6386	4.469605	4.854003
#2	408.0309	2.473573	14.62412	152.3959	4.427183	4.945569
#3	405.9628	2.453317	14.65727	152.4999	4.459444	4.900557

Sample Name: CCV050 Acquired: 05/29/2019 18:51:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV050 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.808521	F 4.453513	4.781172	4.910901	4.901230	4.998211
Stddev	.008765	.015812	.038467	.005244	.022301	.019782
%RSD	.1822776	.3550510	.8045442	.1067746	.4549989	.3957824
#1	4.799283	4.468446	4.740828	4.916854	4.883407	4.975873
#2	4.809559	4.455146	4.817436	4.908886	4.926237	5.005242
#3	4.816720	4.436948	4.785252	4.906964	4.894047	5.013516

Elem	Sr4077
Units	ppm
Avg	4.960391
Stddev	.073535
%RSD	1.482436
#1	4.876146
#2	5.011704
#3	4.993322

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1655.169	2047.183	39113.05	9450.359	2586.719
Stddev	2.463	4.140	24.10	94.563	5.407
%RSD	.1488032	.2022066	.0616229	1.000630	.2090200
#1	1654.142	2050.313	39104.17	9544.672	2583.618
#2	1653.385	2042.490	39094.64	9355.548	2583.578
#3	1657.979	2048.748	39140.33	9450.858	2592.962

Sample Name: CCB050 Acquired: 05/29/2019 18:55:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009792	.0019798	.0010780	.0018913	-.002258	-.013858	-.001381
Stddev	.0041365	.0019255	.0013955	.0009971	.000369	.007919	.000564
%RSD	422.4547	97.25620	129.4571	52.72030	16.31811	57.14163	40.85517

#1	.0029081	-.000024	-.000133	.0030043	-.002272	-.022656	-.000730
#2	-.003769	.003816	.002604	.0010796	-.001883	-.011617	-.001700
#3	.003799	.002148	.000763	.0015901	-.002620	-.007302	-.001714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000749	.0000695	-.010809	-.000227	.0000439	.0005695	.0078253
Stddev	.0000119	.0001118	.007923	.000467	.0001963	.0005274	.0068954
%RSD	15.84980	160.8572	73.30474	205.3466	447.3480	92.60281	88.11645

#1	.0000791	.0001748	-.005960	-.000508	.0000036	.0001923	.0072247
#2	.0000615	-.000048	-.006514	-.000485	-.000129	.0003441	.0012498
#3	.0000840	.000082	-.019952	.000312	.000257	.0011721	.0150013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004314	.0107252	.0006758	.0010083	.3370302	-.001892	-.000528
Stddev	.0001281	.0232517	.0001908	.0001285	.1662367	.001870	.000907
%RSD	29.69429	216.7952	28.22899	12.74552	49.32397	98.81302	171.5789

#1	.0003152	.0121663	.0006575	.0010666	.2181565	-.000294	.000383
#2	.0004103	.0332228	.0008751	.0010974	.5269907	-.003949	-.000538
#3	.0005688	-.013214	.0004949	.0008610	.2659435	-.001435	-.001430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1227773	.0027482	.0039260	-.000038	.0213970	-.000354	-.000491
Stddev	.0904792	.0019663	.0003632	.000193	.0031682	.001279	.000449
%RSD	73.69376	71.54717	9.251040	515.5688	14.80666	361.4558	91.27996

#1	.1905347	.0049897	.0043452	-.000176	.0238814	.001123	-.000955
#2	.0200278	.0019409	.0037266	-.000120	.0178293	-.001110	-.000460
#3	.1577696	.0013142	.0037062	.000183	.0224805	-.001074	-.000059

Sample Name: CCB050 Acquired: 05/29/2019 18:55:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB050 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005188	.0044095	-.000001
Stddev	.0010217	.0008649	.000112
%RSD	196.9389	19.61503	15783.28

#1	.0015041	.0047410	-.000012
#2	.0005880	.0050596	.000117
#3	-.000536	.0034278	-.000107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.345	2322.045	41348.49	9726.858	2921.976
Stddev	2.476	1.185	57.85	41.735	2.260
%RSD	.1322521	.0510420	.1399121	.4290719	.0773521

#1	1869.956	2322.010	41317.87	9699.940	2919.371
#2	1874.900	2323.247	41312.38	9705.700	2923.414
#3	1872.180	2320.877	41415.21	9774.935	2923.144

Sample Name: K2939-05 Acquired: 05/29/2019 18:59:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4169390	.0005967	.8554281	-.006817	.0119863	9.696345	.1461231
Stddev	.0026057	.0012164	.0044987	.003333	.0012222	.030917	.0004909
%RSD	.6249592	203.8538	.5259043	48.89435	10.19670	.3188565	.3359411

#1	.4182240	-.000458	.8503236	-.003723	.0133559	9.675849	.1465744
#2	.4139404	.001928	.8588150	-.010346	.0110066	9.731907	.1461943
#3	.4186525	.000320	.8571456	-.006380	.0115965	9.681277	.1456004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046206	.0062597	7.429449	-.000464	.0138253	.4190920	59.17875
Stddev	.0000555	.0000688	.026285	.000489	.0001567	.0017193	.08717
%RSD	1.201170	1.099162	.3537900	105.3915	1.133658	.4102367	.1473034

#1	.0046752	.0062161	7.438851	-.000144	.0138496	.4199512	59.20192
#2	.0046225	.0063391	7.449739	-.001027	.0136578	.4171125	59.25199
#3	.0045642	.0062241	7.399756	-.000221	.0139685	.4202123	59.08233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5429223	1.734465	.0104004	.0067699	.3852891	.0758377	.3252866
Stddev	.0030760	.019275	.0002144	.0000414	.1831168	.0030586	.0021753
%RSD	.5665568	1.111281	2.061540	.6113226	47.52711	4.033098	.6687445

#1	.5422830	1.755081	.0103378	.0067244	.3844081	.0776142	.3248834
#2	.5462677	1.716895	.0102243	.0068053	.2026144	.0775930	.3233410
#3	.5402163	1.731418	.0106392	.0067800	.5688448	.0723060	.3276353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.291328	1.275124	.0185692	.0172077	.6843253	1.728211	.0040107
Stddev	.047821	.001998	.0015433	.0001360	.0020528	.012147	.0009018
%RSD	.9037539	.1567144	8.310975	.7900870	.2999794	.7028666	22.48575

#1	5.323013	1.275478	.0167983	.0170670	.6819549	1.736032	.0034629
#2	5.314649	1.276921	.0192821	.0173383	.6854970	1.734383	.0050516
#3	5.236321	1.272972	.0196271	.0172179	.6855239	1.714217	.0035177

Sample Name: K2939-05 Acquired: 05/29/2019 18:59:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1171267	.0013409	.0413288
Stddev	.0007801	.0007677	.0000683
%RSD	.6660455	57.25221	.1651794

#1	.1162274	.0011906	.0412604
#2	.1175324	.0006595	.0413970
#3	.1176205	.0021726	.0413290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2436.318	3033.040	53983.22	12862.88	3001.761
Stddev	10.915	2.764	192.19	84.38	5.184
%RSD	.4480315	.0911461	.3560215	.6559664	.1726926

#1	2433.115	3030.966	53846.24	12780.96	3006.449
#2	2448.477	3036.179	54202.92	12858.17	3002.640
#3	2427.362	3031.976	53900.49	12949.51	2996.194

Sample Name: K2939-07 Acquired: 05/29/2019 19:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.210290	.0407297	17.92312	-.018037	.0583523	17.56273
Stddev	.009141	.0014545	.02091	.002233	.0009231	.04087
%RSD	.4135517	3.571172	.1166874	12.37938	1.581942	.2326893

#1	2.205488	.0420548	17.94654	-.015868	.0577107	17.60036
#2	2.220830	.0409609	17.91654	-.020329	.0594103	17.56857
#3	2.204550	.0391734	17.90629	-.017913	.0579361	17.51926

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.046634	.0126247	.0382385	7.018394	-.043737	.0253706
Stddev	.003157	.0001356	.0000407	.030910	.000748	.0005631
%RSD	.1542593	1.074238	.1063533	.4404133	1.710342	2.219506

#1	2.050230	.0127756	.0382225	7.051530	-.042931	.0248022
#2	2.044317	.0125856	.0382847	7.013311	-.043870	.0259283
#3	2.045355	.0125130	.0382082	6.990340	-.044409	.0253813

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.550401	167.8269	F 220.0036	2.140040	.0114469	1.818633
Stddev	.003816	.1697	1.4962	.008245	.0003291	.023377
%RSD	.2461492	.1011335	.6800769	.3852819	2.874806	1.285411

#1	1.550457	168.0139	218.2802	2.134351	.0113516	1.829566
#2	1.554189	167.7842	220.9695	2.149496	.0111760	1.834541
#3	1.546557	167.6827	220.7612	2.136273	.0118131	1.791793

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7184276	-.058990	7.868364	12.74917	3.118766	.0231914
Stddev	.1208219	.005624	.090720	.03642	.011594	.0032441
%RSD	16.81755	9.534405	1.152970	.2856863	.3717346	13.98821

#1	.8460912	-.052908	7.961557	12.72540	3.120984	.0228533
#2	.7033238	-.064003	7.863196	12.79110	3.129091	.0201297
#3	.6058677	-.060060	7.780338	12.73100	3.106224	.0265913

Sample Name: K2939-07 Acquired: 05/29/2019 19:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA057 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5252939	20.16637	2.425648	.1024552	.1654580	.0080842
Stddev	.0008805	.02214	.018131	.0008088	.0013365	.0017558
%RSD	.1676253	.1097906	.7474509	.7893814	.8077456	21.71891

#1	.5245700	20.17063	2.431085	.1031748	.1666099	.0083830
#2	.5262742	20.18607	2.440439	.1026108	.1657715	.0096714
#3	.5250375	20.14241	2.405422	.1015799	.1639926	.0061982

Elem	Sr4077
Units	ppm
Avg	1.259071
Stddev	.001127
%RSD	.0895482

#1	1.259474
#2	1.259941
#3	1.257797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.991	2764.041	49291.92	11671.68	2971.363
Stddev	33.115	1.338	551.55	83.55	4.492
%RSD	1.474410	.0484036	1.118936	.7158274	.1511615

#1	2224.455	2763.953	49199.61	11679.80	2968.768
#2	2229.396	2762.749	48792.36	11584.37	2968.772
#3	2284.123	2765.420	49883.80	11750.88	2976.549

Sample Name: K2939-06 Acquired: 05/29/2019 19:03:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA056 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5557448	-.000278	.7505439	-.001957	.0083576	35.93568	.7867677
Stddev	.0025963	.002246	.0019006	.002311	.0011015	.13326	.0025841
%RSD	.4671707	806.9770	.2532253	118.0714	13.17982	.3708274	.3284461

#1	.5529916	-.001532	.7496135	-.004391	.0071354	35.78418	.7838762
#2	.5560942	-.001619	.7492878	.000208	.0092738	36.03476	.7888514
#3	.5581487	.002315	.7527304	-.001689	.0086636	35.98811	.7875755

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037252	.0131163	12.30357	.0231070	.0226147	1.108521	63.78251
Stddev	.0000449	.0001913	.07192	.0003580	.0003425	.004761	.27351
%RSD	1.205276	1.458538	.5845362	1.549182	1.514304	.4294477	.4288142

#1	.0036842	.0128982	12.22219	.0228733	.0222498	1.103176	63.51201
#2	.0037182	.0132557	12.35860	.0235191	.0229291	1.112306	64.05893
#3	.0037731	.0131950	12.32991	.0229286	.0226650	1.110081	63.77660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.383204	8.247216	.0249669	.0017722	.5910490	.1059153	.6761655
Stddev	.015909	.040170	.0007216	.0001667	.0686482	.0019159	.0042423
%RSD	.6675528	.4870788	2.890352	9.408693	11.61463	1.808855	.6274051

#1	2.365119	8.201400	.0241749	.0019617	.5345210	.1037662	.6718150
#2	2.395040	8.276398	.0251387	.0017067	.6674379	.1074443	.6802907
#3	2.389453	8.263848	.0255871	.0016481	.5711882	.1065353	.6763909

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.19485	3.533163	.0261108	.0124146	1.410096	4.327175	.0145379
Stddev	.06691	.012139	.0006890	.0003274	.007082	.038540	.0011380
%RSD	.5976498	.3435826	2.638817	2.637067	.5022048	.8906559	7.827933

#1	11.12822	3.525228	.0263460	.0127915	1.402504	4.292467	.0151644
#2	11.26203	3.527123	.0253350	.0122512	1.411261	4.368651	.0132243
#3	11.19430	3.547137	.0266514	.0122011	1.416523	4.320407	.0152252

Sample Name: K2939-06 Acquired: 05/29/2019 19:03:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA056 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.151765	.0349968	.0898351
Stddev	.002527	.0003094	.0002273
%RSD	.2194362	.8839759	.2529701

#1	1.151315	.0352808	.0895788
#2	1.154487	.0350422	.0899146
#3	1.149493	.0346672	.0900119

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2193.393	2750.379	48955.54	11801.06	2983.351
Stddev	2.530	8.954	114.59	31.90	4.593
%RSD	.1153381	.3255659	.2340768	.2703343	.1539460

#1	2193.771	2740.631	48980.23	11836.85	2980.429
#2	2195.712	2752.266	48830.62	11775.61	2988.645
#3	2190.695	2758.239	49055.79	11790.72	2980.979

Sample Name: K2939-08 Acquired: 05/29/2019 19:12:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.723810	.0165434	5.849639	-.031179	.0811889	16.22892
Stddev	.004518	.0030021	.011073	.003135	.0020259	2.34962
%RSD	.1658888	18.14679	.1893008	10.05384	2.495345	14.47800

#1	2.721223	.0146878	5.846453	-.028930	.0789048	16.57920
#2	2.729028	.0200069	5.861956	-.034759	.0818928	13.72382
#3	2.721180	.0149354	5.840507	-.029846	.0827689	18.38373

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1003496	.0042818	.0062863	6.894037	-.026381	.0152098
Stddev	.0151492	.0004835	.0008769	1.071003	.005605	.0001187
%RSD	15.09640	11.29132	13.94948	15.53520	21.24665	.7801963

#1	.1027450	.0043472	.0062951	7.002549	-.026559	.0150916
#2	.0841454	.0037689	.0071588	5.772909	-.020688	.0152089
#3	.1141584	.0047292	.0054050	7.906652	-.031894	.0153289

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7423875	265.8999	F 34.68853	1.133917	.0063240	1.327748
Stddev	.1073804	39.4161	5.22647	.163382	.0007576	.012786
%RSD	14.46420	14.82365	15.06686	14.40867	11.97919	.9629867

#1	.7577173	271.3126	35.36149	1.153383	.0058243	1.313052
#2	.6281660	224.0571	29.15817	.961674	.0059520	1.333864
#3	.8412791	302.3298	39.54592	1.286695	.0071956	1.336327

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2596803	.0468319	1.117091	10.28318	2.688916	.0580883
Stddev	.3824922	.0049172	.016280	1.60055	.002477	.0219483
%RSD	147.2935	10.49970	1.457339	15.56472	.0921239	37.78447

#1	.5448515	.0497731	1.126184	10.57157	2.688886	.0623853
#2	.4091707	.0411552	1.098296	8.55804	2.686454	.0343092
#3	-.174981	.0495674	1.126793	11.71993	2.691408	.0775703

Sample Name: K2939-08 Acquired: 05/29/2019 19:12:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0595444	8.717432	5.889682	.0049314	.0520101	.0005089
Stddev	.0001877	.014288	.748315	.0009344	.0085905	.0009812
%RSD	.3152644	.1639013	12.70553	18.94887	16.51691	192.7985
#1	.0594546	8.714880	5.996617	.0047088	.0524565	.0011615
#2	.0597601	8.732825	5.093653	.0059570	.0432051	.0009848
#3	.0594184	8.704593	6.578778	.0041283	.0603686	-.000619

Elem	Sr4077
Units	ppm
Avg	.3221411
Stddev	.0455954
%RSD	14.15387
#1	.3298871
#2	.2731689
#3	.3633674

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.826	2434.717	43574.99	10900.04	2995.110
Stddev	5.244	5.159	304.21	1448.26	6.673
%RSD	.2666216	.2118934	.6981310	13.28675	.2227809
#1	1970.791	2440.339	43909.10	10602.81	2999.883
#2	1968.806	2430.201	43501.87	12473.86	2987.486
#3	1960.880	2433.610	43314.01	9623.46	2997.962

Sample Name: K2939-09 Acquired: 05/29/2019 19:15:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5827863	.0053593	3.034299	-.013980	.0114649	51.91258	.9925750
Stddev	.0007145	.0004400	.006309	.001692	.0006443	.08947	.0006141
%RSD	.1226020	8.210297	.2079365	12.09969	5.619468	.1723458	.0618684

#1	.5833122	.0048534	3.035851	-.015153	.0121786	51.81955	.9918681
#2	.5830739	.0055720	3.027358	-.012041	.0112895	51.99801	.9928797
#3	.5819728	.0056525	3.039688	-.014746	.0109264	51.92016	.9929771

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059882	.0194100	24.90832	.0539685	.0617574	1.552361	120.5504
Stddev	.0000872	.0000208	.15186	.0001195	.0002668	.003586	.5914
%RSD	1.456226	.1070733	.6096610	.2214349	.4319605	.2309974	.4905775

#1	.0060851	.0193860	24.79938	.0538471	.0620599	1.548810	119.9641
#2	.0059161	.0194205	24.84379	.0540860	.0615556	1.555981	120.5404
#3	.0059633	.0194234	25.08178	.0539726	.0616567	1.552293	121.1468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.545713	21.89398	.0611302	.0263320	.7638173	.2088962	1.998899
Stddev	.052129	.02323	.0006525	.0000478	.0859074	.0017333	.008056
%RSD	.6099963	.1060795	1.067397	.1813644	11.24711	.8297419	.4030452

#1	8.501599	21.90923	.0609617	.0263802	.8629692	.2070820	1.993390
#2	8.532304	21.86725	.0618504	.0262847	.7168395	.2105353	2.008145
#3	8.603237	21.90546	.0605785	.0263309	.7116432	.2090713	1.995161

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.05139	8.628193	.0351486	.0273633	2.778123	5.263565	.1882063
Stddev	.11210	.018813	.0047385	.0004156	.010027	.033245	.0012183
%RSD	.4862976	.2180420	13.48137	1.518898	.3609236	.6316074	.6473396

#1	22.99590	8.647580	.0300517	.0278270	2.789664	5.281004	.1886706
#2	22.97787	8.610012	.0394204	.0270242	2.771549	5.225229	.1868241
#3	23.18042	8.626986	.0359737	.0272388	2.773155	5.284462	.1891243

Sample Name: K2939-09 Acquired: 05/29/2019 19:15:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA059 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.421244	.0742418	.2314223
Stddev	.003048	.0005234	.0005466
%RSD	.1258754	.7049467	.2361688

#1	2.417792	.0744233	.2315270
#2	2.422377	.0746501	.2308309
#3	2.423563	.0736518	.2319089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.256	2821.518	51066.47	12144.80	3006.854
Stddev	4.387	2.862	185.34	42.35	8.809
%RSD	.1910559	.1014424	.3629403	.3486769	.2929598

#1	2293.499	2822.061	50892.51	12123.30	2996.790
#2	2293.955	2824.070	51045.48	12193.58	3013.161
#3	2301.315	2818.424	51261.41	12117.51	3010.612

Sample Name: K2939-10 Acquired: 05/29/2019 19:19:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA060 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5753945	.0099741	3.827481	-.014792	.0124480	49.32565	.9910215
Stddev	.0021528	.0013605	.005362	.002948	.0011962	.13132	.0013977
%RSD	.3741404	13.64072	.1400808	19.92968	9.609862	.2662303	.1410399

#1	.5776095	.0086094	3.821466	-.018097	.0132401	49.37156	.9903136
#2	.5752641	.0113305	3.829217	-.012434	.0130319	49.42786	.9926315
#3	.5733099	.0099823	3.831759	-.013846	.0110720	49.17755	.9901193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057733	.0191790	22.95158	.0519368	.0556877	1.413750	124.9347
Stddev	.0001700	.0000516	.15812	.0003751	.0002651	.003768	.5756
%RSD	2.944669	.2690304	.6889235	.7221942	.4761243	.2665598	.4607055

#1	.0059129	.0191201	23.07943	.0515805	.0553823	1.413837	125.3051
#2	.0058230	.0192005	23.00055	.0519018	.0558594	1.417474	125.2273
#3	.0055840	.0192163	22.77477	.0523282	.0558214	1.409939	124.2715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.21426	21.20048	.0592738	.0283052	.7180440	.2228510	1.936506
Stddev	.07721	.03186	.0001268	.0004322	.1335063	.0029089	.016619
%RSD	.6885097	.1502777	.2139849	1.526974	18.59305	1.305307	.8582118

#1	11.27704	21.23300	.0593706	.0282643	.6374934	.2242736	1.917629
#2	11.23770	21.19912	.0591302	.0278949	.6444877	.2247748	1.942955
#3	11.12805	21.16932	.0593204	.0287564	.8721508	.2195046	1.948934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.25757	8.021399	.0361882	.0343290	2.315912	4.599065	.1654495
Stddev	.02277	.012892	.0007129	.0001768	.003815	.046388	.0015827
%RSD	.1022915	.1607165	1.969944	.5151499	.1647483	1.008644	.9565793

#1	22.24134	8.010480	.0356968	.0343108	2.314880	4.641570	.1671667
#2	22.28359	8.035621	.0358620	.0341620	2.320138	4.606041	.1640494
#3	22.24777	8.018095	.0370059	.0345143	2.312719	4.549583	.1651324

Sample Name: K2939-10 Acquired: 05/29/2019 19:19:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA060 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.541285	.0724246	.2135548
Stddev	.007587	.0011428	.0001335
%RSD	.2985485	1.577892	.0625089

#1	2.543120	.0717837	.2134237
#2	2.547785	.0737440	.2136905
#3	2.532948	.0717462	.2135504

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2278.808	2806.473	50563.04	12201.68	3021.001
Stddev	17.958	4.917	229.42	85.06	1.786
%RSD	.7880585	.1751917	.4537359	.6971081	.0591185

#1	2287.552	2801.295	50583.12	12107.67	3021.219
#2	2290.719	2811.079	50781.77	12224.07	3019.116
#3	2258.152	2807.044	50324.24	12273.31	3022.668

Sample Name: K2940-01 Acquired: 05/29/2019 19:23:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.831060	.0072664	.0666716	-.010167	.0054443	16.18440	.0416314
Stddev	.001645	.0010365	.0022838	.000939	.0003781	.07783	.0004367
%RSD	.0581074	14.26394	3.425500	9.239349	6.945582	.4808684	1.048956

#1	2.832690	.0083943	.0640358	-.009614	.0051114	16.27421	.0420576
#2	2.829401	.0063559	.0679149	-.011251	.0053659	16.14217	.0416517
#3	2.831089	.0070488	.0680640	-.009635	.0058554	16.13682	.0411850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086859	.0732620	36.95422	-.002950	.0481841	1.926613	59.11733
Stddev	.0001231	.0003584	.42654	.000159	.0006195	.005069	.56254
%RSD	1.417063	.4891356	1.154247	5.396504	1.285736	.2631024	.9515584

#1	.0087166	.0730031	37.41933	-.002840	.0476398	1.930700	59.72730
#2	.0087908	.0736710	36.86201	-.002878	.0488582	1.928199	59.00575
#3	.0085504	.0731119	36.58132	-.003133	.0480543	1.920941	58.61895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.358663	1.478980	.0113494	.0499385	3.363175	.0092391	1.008436
Stddev	.065579	.011202	.0006085	.0004703	.174850	.0008436	.008406
%RSD	1.223789	.7574197	5.361707	.9416838	5.198945	9.130897	.8335581

#1	5.429135	1.484696	.0113378	.0498455	3.398392	.0099764	1.005799
#2	5.347424	1.486170	.0107468	.0504484	3.517736	.0083191	1.017844
#3	5.299431	1.466073	.0119637	.0495218	3.173398	.0094217	1.001664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.290856	23.52628	.2379779	.0007003	1004.369	11.01902	-.002625
Stddev	.051366	.13025	.0012460	.0001555	3.626	.07302	.000336
%RSD	.5528629	.5536212	.5235673	22.20542	.3610682	.6626415	12.79118

#1	9.332712	23.46456	.2391156	.0007095	1001.300	11.08668	-.002801
#2	9.306321	23.67591	.2381717	.0005404	1008.371	11.02875	-.002238
#3	9.233535	23.43836	.2366463	.0008511	1003.437	10.94162	-.002837

Sample Name: K2940-01 Acquired: 05/29/2019 19:23:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA008 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0137122	.0003453	.1426553
Stddev	.0004778	.0010848	.0004148
%RSD	3.484213	314.1635	.2907904

#1	.0141775	.0005123	.1431019
#2	.0132229	-.000813	.1425821
#3	.0137362	.001337	.1422820

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.116	4122.345	74044.14	17646.76	3088.540
Stddev	27.081	9.904	517.29	179.77	11.421
%RSD	.8078838	.2402625	.6986215	1.018718	.3697818

#1	3357.502	4128.574	74267.30	17465.16	3099.047
#2	3322.746	4127.538	73452.73	17650.48	3076.385
#3	3376.099	4110.924	74412.40	17824.64	3090.188

Sample Name: K2940-03 Acquired: 05/29/2019 19:31:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4160886	.0115179	.5601273	-.011922	-.002360	25.93479	.0730579
Stddev	.0020905	.0019427	.0008623	.001273	.000280	.24359	.0007199
%RSD	.5024054	16.86664	.1539483	10.67918	11.87214	.9392402	.9853662

#1	.4148295	.0118251	.5596594	-.013385	-.002036	25.65370	.0730217
#2	.4149346	.0094399	.5611225	-.011315	-.002521	26.08418	.0737952
#3	.4185017	.0132886	.5596001	-.011066	-.002522	26.06648	.0723568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084769	.0590439	51.33929	-.001939	.0912780	1.277344	35.50771
Stddev	.0000837	.0001724	.67688	.000149	.0005491	.009314	.42322
%RSD	.9870271	.2919813	1.318447	7.669995	.6015753	.7291400	1.191920

#1	.0085120	.0588593	50.57379	-.002096	.0906447	1.266952	35.01911
#2	.0083814	.0592007	51.58536	-.001800	.0915690	1.284938	35.74357
#3	.0085372	.0590718	51.85871	-.001922	.0916205	1.280141	35.76045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.87867	10.46674	.0321444	.1627930	3.557457	.0428099	4.437088
Stddev	.40313	.18551	.0009388	.0016982	.098977	.0009175	.070345
%RSD	1.688263	1.772351	2.920525	1.043176	2.782251	2.143197	1.585386

#1	23.42101	10.26113	.0310642	.1608808	3.614198	.0418427	4.375248
#2	24.03388	10.51751	.0326056	.1633727	3.615004	.0429189	4.513618
#3	24.18114	10.62157	.0327635	.1641254	3.443169	.0436680	4.422398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.34510	16.81510	.2332059	.0006653	1060.129	19.86992	-.001814
Stddev	.13623	.08601	.0023077	.0001130	3.655	.14841	.000506
%RSD	1.103503	.5115337	.9895453	16.98087	.3447975	.7468842	27.88935

#1	12.18779	16.72896	.2309275	.0007813	1057.762	19.75295	-.002391
#2	12.42427	16.90099	.2331485	.0005556	1064.339	19.81994	-.001610
#3	12.42322	16.81536	.2355418	.0006591	1058.287	20.03686	-.001443

Sample Name: K2940-03 Acquired: 05/29/2019 19:31:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA017 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0266703	.0189524	.3143896
Stddev	.0005192	.0008901	.0014246
%RSD	1.946883	4.696343	.4531288

#1	.0261012	.0179247	.3128265
#2	.0267912	.0194768	.3156151
#3	.0271183	.0194558	.3147272

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.155	3668.321	66099.70	15740.09	3063.802
Stddev	38.811	14.303	491.43	109.33	19.600
%RSD	1.300992	.3899049	.7434720	.6945865	.6397325

#1	3011.681	3675.484	66568.09	15863.72	3075.241
#2	2938.959	3651.852	65588.08	15656.16	3041.170
#3	2998.825	3677.627	66142.92	15700.38	3074.995

Sample Name: K2940-02 Acquired: 05/29/2019 19:27:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.0289360	.0117044	.3796313	-.009405	.0004985	7.315764	.0439578
Stddev	.0004066	.0016287	.0006678	.000704	.0006534	.018983	.0004008
%RSD	1.405234	13.91551	.1759094	7.490197	131.0696	.2594875	.9116918

#1	.0287068	.0105477	.3796841	-.008653	.0011230	7.299430	.0436095
#2	.0286957	.0109984	.3802712	-.010050	.0005530	7.336590	.0443958
#3	.0294055	.0135669	.3789387	-.009512	-.000180	7.311271	.0438680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034911	.0019808	11.20976	-.004880	.0272820	.1088705	31.01596
Stddev	.0000422	.0000838	.06250	.000168	.0000450	.0007828	.12935
%RSD	1.210207	4.231068	.5575425	3.438406	.1649757	.7190112	.4170304

#1	.0034425	.0018941	11.18285	-.004939	.0272639	.1079874	30.87155
#2	.0035116	.0020614	11.28121	-.005011	.0273332	.1094790	31.12116
#3	.0035191	.0019867	11.16522	-.004691	.0272488	.1091451	31.05519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23964	1.636227	.0168490	.0062160	3.990211	.0117638	.5750868
Stddev	.06502	.003177	.0001740	.0001206	.060440	.0016717	.0052149
%RSD	.6349865	.1941783	1.032557	1.940126	1.514709	14.21008	.9067952

#1	10.22072	1.632585	.0170039	.0063457	3.986221	.0129358	.5729798
#2	10.31202	1.638429	.0168823	.0061072	4.052547	.0098496	.5712551
#3	10.18617	1.637667	.0166608	.0061951	3.931865	.0125062	.5810255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.705010	.3722576	.3039942	-.000424	1160.114	5.645273	-.001710
Stddev	.024947	.0035190	.0021417	.000058	3.460	.035229	.000799
%RSD	.5302169	.9453149	.7045116	13.60933	.2982256	.6240486	46.74325

#1	4.678562	.3762141	.3015334	-.000365	1162.941	5.634956	-.000835
#2	4.728120	.3710812	.3050118	-.000480	1161.144	5.684509	-.001894
#3	4.708348	.3694774	.3054374	-.000427	1156.256	5.616354	-.002401

Sample Name: K2940-02 Acquired: 05/29/2019 19:27:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.0015456	-.002352	.2204861
Stddev	.0004520	.000458	.0006683
%RSD	29.24060	19.49298	.3031028

#1	.0015473	-.001914	.2197385
#2	.0019968	-.002828	.2210257
#3	.0010929	-.002313	.2206940

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3705.228	4551.445	81926.52	19393.92	3076.346
Stddev	10.730	4.961	270.59	112.54	5.980
%RSD	.2895921	.1089970	.3302862	.5802657	.1943713

#1	3709.927	4547.020	82235.01	19422.92	3071.666
#2	3712.807	4556.808	81815.26	19269.73	3074.290
#3	3692.950	4550.506	81729.30	19489.13	3083.083

Sample Name: K2940-05 Acquired: 05/29/2019 19:39:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	4.044703	.0058933	.8871334	-.007481	.0112992	34.97953	.0545644
Stddev	.005838	.0021097	.0042732	.002351	.0010387	.07640	.0003210
%RSD	.1443284	35.79860	.4816866	31.42974	9.192756	.2184000	.5882579

#1	4.042886	.0071822	.8832316	-.004987	.0114059	34.99035	.0547129
#2	4.039990	.0034586	.8864685	-.009657	.0102113	34.89830	.0541961
#3	4.051234	.0070390	.8917001	-.007798	.0122805	35.04993	.0547842

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125199	.0262242	20.58019	.0063845	.0093528	2.489034	35.61558
Stddev	.0000250	.0001334	.03564	.0002772	.0002467	.004698	.06604
%RSD	.1998385	.5087565	.1731601	4.342265	2.638178	.1887536	.1854209

#1	.0125430	.0260752	20.54700	.0066933	.0093327	2.491922	35.57290
#2	.0124933	.0262648	20.57572	.0063032	.0091168	2.483613	35.58218
#3	.0125234	.0263326	20.61785	.0061570	.0096091	2.491566	35.69164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69690	4.048680	.0100671	.0583555	6.093980	.0532720	1.398562
Stddev	.03870	.017462	.0001281	.0005210	.118185	.0010500	.012380
%RSD	.3618121	.4312969	1.272188	.8927309	1.939370	1.970934	.8852194

#1	10.66456	4.030596	.0099195	.0578352	6.058249	.0539926	1.401426
#2	10.68636	4.049999	.0101494	.0588771	5.997783	.0520673	1.409259
#3	10.73978	4.065445	.0101324	.0583541	6.225907	.0537560	1.385000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.372488	7.980850	.4439561	.0013430	1116.253	20.19824	-.002113
Stddev	.045463	.022399	.0029330	.0002679	4.161	.11229	.000832
%RSD	.8462268	.2806646	.6606489	19.95074	.3727988	.5559236	39.37620

#1	5.344059	7.960317	.4452156	.0012303	1111.451	20.25628	-.003020
#2	5.348483	8.004737	.4406037	.0016490	1118.514	20.06882	-.001385
#3	5.424923	7.977495	.4460490	.0011500	1118.795	20.26964	-.001935

Sample Name: K2940-05 Acquired: 05/29/2019 19:39:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.0737943	.0009362	.1807022
Stddev	.0005067	.0003790	.0002349
%RSD	.6865931	40.48429	.1300101

#1	.0732805	.0007112	.1805295
#2	.0742936	.0013738	.1806075
#3	.0738088	.0007236	.1809698

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.458	2998.478	54121.96	12871.14	3158.725
Stddev	10.287	4.015	25.51	65.92	9.218
%RSD	.4206476	.1339009	.0471329	.5121917	.2918202

#1	2435.204	3001.819	54096.64	12823.30	3169.360
#2	2445.393	2994.024	54147.66	12946.34	3153.784
#3	2455.777	2999.590	54121.56	12843.78	3153.031

Sample Name: K2940-04 Acquired: 05/29/2019 19:35:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3733725	.0129428	2.018801	-.014780	.0006268	10.96523
Stddev	.0008669	.0015876	.008006	.001170	.0006668	.00490
%RSD	.2321717	12.26658	.3965865	7.914382	106.3840	.0446955

#1	.3735499	.0111516	2.024911	-.015362	.0005828	10.96022
#2	.3741369	.0135002	2.009738	-.015544	.0013146	10.96547
#3	.3724306	.0141766	2.021754	-.013433	-.000017	10.97001

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0354420	.0175159	.2996245	113.1319	-.004820	.0704066
Stddev	.0006348	.0001531	.0009958	.4894	.000326	.0000529
%RSD	1.790943	.8739196	.3323532	.4325908	6.772497	.0751578

#1	.0347596	.0176822	.3007422	113.4088	-.004897	.0704371
#2	.0355516	.0174844	.2992996	113.4201	-.004462	.0703455
#3	.0360149	.0173810	.2988317	112.5669	-.005102	.0704372

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.113602	50.42163	24.28287	11.68341	.2035914	.1183735
Stddev	.000658	.17481	.12800	.09536	.0003268	.0010208
%RSD	.0211417	.3466972	.5271076	.8162248	.1605197	.8623618

#1	3.113994	50.38290	24.33850	11.69375	.2038946	.1172888
#2	3.113971	50.61256	24.37364	11.77319	.2036342	.1193153
#3	3.112842	50.26944	24.13647	11.58330	.2032452	.1185165

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.150744	.0276714	F 46.29073	17.17460	18.96210	.3088042
Stddev	.119261	.0003735	.51617	.07184	.07405	.0022018
%RSD	2.873235	1.349808	1.115064	.4182680	.3905331	.7129948

#1	4.101107	.0273805	45.71424	17.20693	19.03626	.3113438
#2	4.064319	.0275410	46.44793	17.09228	18.96190	.3074320
#3	4.286807	.0280926	46.71003	17.22459	18.88815	.3076368

Sample Name: K2940-04 Acquired: 05/29/2019 19:35:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA018 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074681	1156.207	37.19904	-.003538	.0100438	.0078222
Stddev	.0002145	5.132	.33835	.000694	.0002765	.0001933
%RSD	2.872432	.4438587	.9095796	19.62774	2.752685	2.470947

#1	.0077157	1162.105	37.56263	-.003299	.0100539	.0077240
#2	.0073517	1153.756	37.14107	-.002994	.0103151	.0076978
#3	.0073371	1152.760	36.89341	-.004320	.0097624	.0080449

Elem	Sr4077
Units	ppm
Avg	3.629981
Stddev	.046462
%RSD	1.279962

#1	3.589120
#2	3.680520
#3	3.620303

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.255	3928.847	71344.39	16968.54	3028.652
Stddev	25.706	17.783	653.89	73.52	21.103
%RSD	.8067896	.4526157	.9165319	.4332932	.6967818

#1	3214.136	3911.762	72069.83	16890.86	3005.250
#2	3181.134	3947.254	70800.35	16977.70	3046.235
#3	3163.494	3927.527	71162.97	17037.05	3034.471

Sample Name: K2940-07 Acquired: 05/29/2019 19:47:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	1.785669	.0103293	.6145224	-.010835	.0142077	26.75695	.1507473
Stddev	.004551	.0008832	.0007405	.001719	.0003154	.04130	.0010029
%RSD	.2548533	8.550182	.1205044	15.86783	2.219771	.1543641	.6652512

#1	1.782650	.0096930	.6137227	-.011555	.0142682	26.77129	.1516090
#2	1.783454	.0113376	.6146603	-.008873	.0138665	26.71039	.1496465
#3	1.790903	.0099574	.6151844	-.012078	.0144885	26.78918	.1509865

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036515	.0569882	50.18807	-.002418	.0175027	1.161396	64.35720
Stddev	.0000446	.0003622	.07902	.000266	.0003841	.002705	.18300
%RSD	1.222606	.6355814	.1574560	10.99846	2.194456	.2329037	.2843527

#1	.0036556	.0567107	50.21688	-.002111	.0171947	1.158631	64.55732
#2	.0036939	.0568560	50.09869	-.002569	.0179331	1.164036	64.19836
#3	.0036049	.0573980	50.24866	-.002574	.0173804	1.161520	64.31593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21006	2.873678	.0202267	.0041435	9.054036	.0880140	2.351957
Stddev	.01678	.009814	.0000633	.0004605	.172543	.0025426	.015463
%RSD	.1643323	.3415228	.3131693	11.11461	1.905707	2.888902	.6574450

#1	10.22464	2.865870	.0202994	.0044667	9.246015	.0904812	2.345817
#2	10.19172	2.870470	.0201831	.0043476	9.004189	.0881588	2.340507
#3	10.21381	2.884695	.0201977	.0036161	8.911903	.0854021	2.369547

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82554	7.490615	.4065562	.0016829	1103.224	5.187467	-.001358
Stddev	.00664	.038919	.0023255	.0001091	5.549	.045572	.001221
%RSD	.0447559	.5195698	.5719957	6.485002	.5030142	.8784999	89.91997

#1	14.83033	7.475323	.4079867	.0017473	1097.456	5.187214	-.001409
#2	14.81796	7.461664	.4078089	.0015569	1103.690	5.233164	-.002552
#3	14.82831	7.534857	.4038729	.0017446	1108.526	5.142022	-.000112

Sample Name: K2940-07 Acquired: 05/29/2019 19:47:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.3052056	.0010447	.6172701
Stddev	.0022451	.0013348	.0010551
%RSD	.7355883	127.7684	.1709276

#1	.3041239	.0024102	.6181590
#2	.3037061	.0009810	.6161041
#3	.3077867	-.000257	.6175471

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.990	2613.286	47468.50	11310.23	3113.176
Stddev	6.435	13.670	204.09	67.04	19.700
%RSD	.2997200	.5230797	.4299481	.5927740	.6327908

#1	2154.419	2627.938	47701.47	11317.86	3129.833
#2	2143.406	2611.045	47382.73	11239.70	3118.265
#3	2143.146	2600.876	47321.29	11373.13	3091.431

Sample Name: K2940-06 Acquired: 05/29/2019 19:43:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.058612	.0062668	.0800207	-.005645	.0029585	20.19837	.0565239
Stddev	.007182	.0012667	.0010006	.002067	.0011955	.04539	.0002841
%RSD	.3488810	20.21325	1.250364	36.61167	40.40953	.2247244	.5026622

#1	2.050899	.0059020	.0789189	-.006430	.0015781	20.21826	.0562119
#2	2.065107	.0052225	.0808727	-.003301	.0036602	20.14644	.0565922
#3	2.059831	.0076758	.0802704	-.007206	.0036371	20.23043	.0567677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025800	.0072590	7.659706	-.000578	.0141439	.2526169	31.36421
Stddev	.0000437	.0000548	.020352	.000174	.0003668	.0003586	.07503
%RSD	1.694690	.7556565	.2656992	30.08730	2.593362	.1419586	.2392367

#1	.0026300	.0071995	7.677781	-.000429	.0138810	.2522595	31.42879
#2	.0025489	.0072699	7.663676	-.000535	.0139877	.2529767	31.38193
#3	.0025611	.0073075	7.637662	-.000769	.0145630	.2526145	31.28189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.270288	1.387480	.0097627	.0963578	4.041638	.0473927	1.265729
Stddev	.019432	.021726	.0002717	.0002773	.137526	.0012819	.004098
%RSD	.3099028	1.565855	2.783225	.2878345	3.402741	2.704908	.3237309

#1	6.290588	1.402325	.0095539	.0962364	4.124619	.0467333	1.270274
#2	6.268415	1.397572	.0096643	.0966751	3.882891	.0488702	1.262319
#3	6.251860	1.362544	.0100699	.0961618	4.117405	.0465747	1.264593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.937729	4.365991	.3081080	.0020388	1032.228	9.874956	-.001834
Stddev	.032149	.005148	.0011289	.0002655	2.861	.026445	.000517
%RSD	.3235044	.1179062	.3664094	13.02360	.2771806	.2678011	28.18643

#1	9.911471	4.369040	.3085617	.0022600	1035.519	9.891456	-.002359
#2	9.928132	4.368884	.3068228	.0021121	1030.832	9.844453	-.001326
#3	9.973583	4.360047	.3089395	.0017444	1030.332	9.888958	-.001818

Sample Name: K2940-06 Acquired: 05/29/2019 19:43:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA032 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0908169	-.001904	.0946381
Stddev	.0005775	.001126	.0001571
%RSD	.6359277	59.13430	.1660242

#1	.0911963	-.002807	.0944588
#2	.0901523	-.002263	.0947041
#3	.0911022	-.000642	.0947515

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.171	3430.656	61596.80	14585.92	3102.751
Stddev	11.817	2.546	162.55	37.12	7.819
%RSD	.4245805	.0742084	.2638899	.2545074	.2520165

#1	2776.278	3431.054	61738.67	14581.86	3096.839
#2	2796.816	3427.934	61419.44	14624.90	3099.797
#3	2776.420	3432.979	61632.30	14550.99	3111.617

Sample Name: K2940-09 Acquired: 05/29/2019 19:55:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	1.102475	.0060053	.0443356	-.011200	-.001113	7.400568
Stddev	.003146	.0023889	.0026233	.001053	.000550	.025858
%RSD	.2853387	39.77977	5.916918	9.401231	49.35656	.3494076

#1	1.101975	.0076153	.0415867	-.010043	-.000982	7.404956
#2	1.099608	.0032605	.0446082	-.011454	-.001717	7.423952
#3	1.105840	.0071402	.0468120	-.012102	-.000641	7.372797

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0628899	.0002191	.0101220	10.08944	.0027959	.0076780
Stddev	.0006410	.0000608	.0000551	.07698	.0001541	.0005142
%RSD	1.019308	27.75768	.5446614	.7629944	5.510377	6.696722

#1	.0636286	.0002829	.0101812	10.11315	.0029683	.0077475
#2	.0625606	.0002129	.0100721	10.15179	.0026716	.0081539
#3	.0624804	.0001617	.0101127	10.00340	.0027479	.0071326

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2281794	43.72303	F 32.29263	.5218777	.0054400	.0135092
Stddev	.0011982	.23744	.31274	.0185245	.0002484	.0001125
%RSD	.5251309	.5430451	.9684439	3.549582	4.565371	.8330275

#1	.2294835	43.79907	32.41264	.5028159	.0057158	.0134115
#2	.2279276	43.91313	32.52759	.5398135	.0052341	.0136323
#3	.2271271	43.45689	31.93767	.5230037	.0053700	.0134839

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.684114	.0227693	1.684279	5.879161	3.887243	.4305754
Stddev	.151326	.0003231	.003003	.078358	.007570	.0021343
%RSD	2.662258	1.419011	.1782683	1.332813	.1947492	.4956932

#1	5.768530	.0226416	1.682201	5.798075	3.879042	.4326134
#2	5.509411	.0231367	1.687722	5.954472	3.893963	.4307563
#3	5.774401	.0225295	1.682915	5.884935	3.888725	.4283563

Sample Name: K2940-09 Acquired: 05/29/2019 19:55:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.0007065	1087.047	3.921840	-.001425	.0097962	-.002583
Stddev	.0001064	2.064	.011523	.000861	.0005678	.000736
%RSD	15.05761	.1898440	.2938246	60.46095	5.796147	28.47750

#1	.0007339	1085.541	3.930752	-.001801	.0092735	-.002515
#2	.0005891	1089.399	3.925941	-.000439	.0104003	-.001884
#3	.0007965	1086.201	3.908827	-.002034	.0097149	-.003350

Elem	Sr4077
Units	ppm
Avg	3.476402
Stddev	.027598
%RSD	.7938620

#1	3.494795
#2	3.489742
#3	3.444669

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.717	2566.793	45918.59	10955.48	3095.213
Stddev	6.142	3.701	109.94	56.40	8.929
%RSD	.2938933	.1441740	.2394135	.5148363	.2884687

#1	2086.404	2566.809	45978.56	10906.07	3100.709
#2	2085.942	2563.084	45985.49	10943.43	3084.911
#3	2096.803	2570.485	45791.71	11016.93	3100.020

Sample Name: K2940-08 Acquired: 05/29/2019 19:51:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	1.575673	.0180897	.0198083	-.021675	-.000707	14.00916
Stddev	.004618	.0032651	.0019954	.001381	.001937	.04230
%RSD	.2930974	18.04950	10.07361	6.371228	273.8467	.3019250

#1	1.573665	.0218274	.0201546	-.021262	.000850	13.96702
#2	1.580956	.0157928	.0216079	-.020548	-.002876	14.00883
#3	1.572399	.0166490	.0176624	-.023216	-.000096	14.05161

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0697684	.0036333	.0094517	77.41417	-.020790	.0971561
Stddev	.0002099	.0000409	.0000798	.90343	.000857	.0001191
%RSD	.3008983	1.125432	.8439539	1.167010	4.121135	.1225741

#1	.0699139	.0035874	.0094879	76.49175	-.019844	.0970532
#2	.0695277	.0036467	.0095069	77.45343	-.021010	.0972866
#3	.0698636	.0036658	.0093602	78.29733	-.021515	.0971285

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3570613	111.6158	F 67.48952	2.162654	.0645106	.0113205
Stddev	.0013387	.7856	1.45351	.034058	.0002255	.0003198
%RSD	.3749106	.7038294	2.153683	1.574837	.3495883	2.824823

#1	.3555197	110.7388	65.81852	2.133210	.0647598	.0115175
#2	.3577337	111.8537	68.18895	2.154799	.0644512	.0114925
#3	.3579304	112.2550	68.46108	2.199954	.0643207	.0109515

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.327713	.1646949	1.956007	5.996153	16.99251	.4761941
Stddev	.116284	.0057856	.013809	.033744	.03755	.0052401
%RSD	1.837696	3.512890	.7060014	.5627579	.2209709	1.100422

#1	6.315580	.1690316	1.958429	5.959511	17.01174	.4701546
#2	6.217971	.1669272	1.941147	6.002998	16.94924	.4795346
#3	6.449588	.1581257	1.968445	6.025949	17.01654	.4788930

Sample Name: K2940-08 Acquired: 05/29/2019 19:51:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.0000221	1111.100	6.002126	-.002582	.0036021	.0024308
Stddev	.0002114	1.797	.067627	.000650	.0006385	.0002525
%RSD	957.7305	.1617713	1.126712	25.15626	17.72464	10.38629

#1	-.000193	1109.419	5.926154	-.001839	.0033162	.0027160
#2	.000030	1112.995	6.024473	-.003039	.0043336	.0022357
#3	.000229	1110.885	6.055751	-.002870	.0031566	.0023407

Elem	Sr4077
Units	ppm
Avg	.1424812
Stddev	.0003100
%RSD	.2175627

#1	.1421323
#2	.1427250
#3	.1425863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2396.745	2955.483	53599.44	12989.54	3110.646
Stddev	20.517	8.009	27.08	165.29	5.601
%RSD	.8560302	.2709826	.0505175	1.272498	.1800654

#1	2413.609	2957.486	53570.02	13166.65	3115.565
#2	2402.722	2946.663	53623.31	12962.60	3104.550
#3	2373.903	2962.300	53605.01	12839.38	3111.824

Sample Name: K2940-13 Acquired: 05/29/2019 20:12:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.842915	.0088304	.0340083	-.014894	.0022094	15.83512
Stddev	.023303	.0018592	.0012923	.001071	.0004416	.02629
%RSD	1.264449	21.05496	3.799907	7.188129	19.98836	.1660291

#1	1.838497	.0107718	.0326883	-.014318	.0022967	15.81022
#2	1.822139	.0070660	.0340655	-.014235	.0026009	15.86261
#3	1.868111	.0086532	.0352710	-.016129	.0017307	15.83254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0680400	.0044320	.0027733	390.7565	-.008524	.0167630
Stddev	.0006659	.0000329	.0000844	1.0127	.000324	.0004311
%RSD	.9786546	.7428560	3.044717	.2591526	3.800115	2.571496

#1	.0686901	.0044510	.0026849	391.9088	-.008153	.0167324
#2	.0680705	.0044510	.0028531	390.0083	-.008749	.0163480
#3	.0673594	.0043940	.0027820	390.3524	-.008671	.0172085

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1967086	50.73697	F 43.12734	2.214102	.0156538	.0080306
Stddev	.0030639	.07038	.37151	.015928	.0004615	.0006189
%RSD	1.557578	.1387076	.8614257	.7194106	2.948028	7.706482

#1	.1937488	50.81481	43.03377	2.227637	.0156038	.0075431
#2	.1965103	50.71824	43.53669	2.196549	.0152194	.0078219
#3	.1998669	50.67785	42.81157	2.218119	.0161383	.0087269

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.602196	.0735558	2.493439	5.925216	4.193553	.6176808
Stddev	.204557	.0019807	.017279	.032639	.030785	.0024952
%RSD	2.690760	2.692859	.6929867	.5508464	.7341027	.4039588

#1	7.700527	.0713204	2.508406	5.895931	4.171957	.6202169
#2	7.739019	.0742542	2.474529	5.919314	4.179897	.6152286
#3	7.367042	.0750927	2.497383	5.960404	4.228803	.6175967

Sample Name: K2940-13 Acquired: 05/29/2019 20:12:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA061 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014537	1158.209	7.249463	-.005056	-.000555	.0130199
Stddev	.0001428	12.976	.042199	.000581	.001715	.0002178
%RSD	9.823844	1.120336	.5820983	11.49395	308.7048	1.672849
#1	.0016173	1153.143	7.266219	-.004853	-.001569	.0128981
#2	.0013899	1148.531	7.201460	-.004603	-.001521	.0128903
#3	.0013540	1172.954	7.280711	-.005711	.001424	.0132714

Elem	Sr4077
Units	ppm
Avg	.0342043
Stddev	.0002348
%RSD	.6864681
#1	.0344271
#2	.0339591
#3	.0342269

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.473	2543.903	47701.63	11479.29	3055.802
Stddev	14.140	27.074	327.63	30.08	31.420
%RSD	.6646151	1.064287	.6868237	.2620807	1.028198
#1	2125.923	2560.776	47825.57	11507.44	3074.169
#2	2142.323	2558.259	47949.20	11482.84	3073.713
#3	2114.172	2512.674	47330.11	11447.59	3019.522

Sample Name: K2940-12 Acquired: 05/29/2019 20:08:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA054 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2587051	.0042455	.2013851	-.005711	-.005278	13.61947	.0680625
Stddev	.0011525	.0028067	.0023847	.000321	.000375	.04076	.0003742
%RSD	.4454806	66.10902	1.184160	5.623906	7.101197	.2992573	.5498069

#1	.2594798	.0071545	.2041387	-.006033	-.005516	13.59626	.0677875
#2	.2592548	.0040282	.2000078	-.005390	-.005472	13.59561	.0679113
#3	.2573807	.0015538	.2000087	-.005710	-.004846	13.66653	.0684886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155951	.0156763	192.5279	.0005375	.0528049	.7434724	12.75666
Stddev	.0001924	.0001550	.7277	.0001633	.0001674	.0029573	.04760
%RSD	1.234060	.9888079	.3779692	30.37188	.3169940	.3977725	.3731353

#1	.0155149	.0157976	191.8990	.0003500	.0529827	.7427067	12.70505
#2	.0154558	.0155017	192.3596	.0006481	.0526504	.7409733	12.76611
#3	.0158147	.0157296	193.3249	.0006144	.0527815	.7467373	12.79883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.843210	14.59785	.0630349	-.006849	4.483470	.2447994	.8014410
Stddev	.008351	.07042	.0007153	.000427	.087413	.0027014	.0036796
%RSD	.2172849	.4824097	1.134800	6.238865	1.949673	1.103508	.4591197

#1	3.835885	14.52977	.0637643	-.007220	4.583588	.2436698	.8028779
#2	3.841441	14.59339	.0623345	-.006382	4.422306	.2428461	.8041852
#3	3.852303	14.67040	.0630058	-.006946	4.444516	.2478822	.7972597

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.287795	5.871597	.3038126	-.000142	1088.401	27.81857	-.004481
Stddev	.018567	.034594	.0030878	.000236	4.205	.31967	.000690
%RSD	.2240335	.5891806	1.016362	166.3950	.3863281	1.149140	15.38913

#1	8.285071	5.899853	.3007999	-.000168	1092.685	27.56181	-.004658
#2	8.270740	5.881921	.3036677	-.000363	1088.238	27.71729	-.005065
#3	8.307574	5.833015	.3069704	.000106	1084.280	28.17662	-.003720

Sample Name: K2940-12 Acquired: 05/29/2019 20:08:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0215919	.0257042	.5059099
Stddev	.0003065	.0010363	.0003195
%RSD	1.419448	4.031705	.0631540

#1	.0215615	.0248478	.5058054
#2	.0213018	.0254085	.5056557
#3	.0219125	.0268562	.5062685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.319	3347.098	61702.33	14918.81	3049.003
Stddev	16.900	12.312	128.28	136.45	7.466
%RSD	.6196402	.3678556	.2078972	.9146342	.2448779

#1	2738.707	3361.175	61848.17	15061.37	3057.613
#2	2707.902	3338.334	61606.97	14905.63	3045.088
#3	2735.348	3341.785	61651.86	14789.42	3044.309

Sample Name: K2940-14 Acquired: 05/29/2019 20:16:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	1.645829	.2132365	.3150271	-.042012	.0034902	20.94287
Stddev	.003271	.0038877	.0014675	.001813	.0009869	.10509
%RSD	.1987411	1.823177	.4658408	4.316394	28.27530	.5017713

#1	1.642157	.2105462	.3144110	-.041101	.0030800	20.82730
#2	1.646903	.2114694	.3139681	-.040834	.0046160	20.96863
#3	1.648428	.2176938	.3167022	-.044100	.0027747	21.03269

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0595458	-.000219	.0857358	38.31720	-.048971	.1064914
Stddev	.0001559	.000019	.0001971	.41763	.001808	.0003167
%RSD	.2618028	8.510095	.2299426	1.089924	3.692166	.2973841

#1	.0594898	-.000201	.0857974	37.84473	-.047677	.1068521
#2	.0597219	-.000238	.0855152	38.46979	-.048199	.1062587
#3	.0594256	-.000217	.0858947	38.63708	-.051037	.1063634

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.722962	141.4094	F 302.4333	12.09878	.0857577	.0573359
Stddev	.004305	1.0653	2.9863	.09380	.0001390	.0006028
%RSD	.2498871	.7533412	.9874234	.7752532	.1620777	1.051287

#1	1.721459	140.1997	300.5950	12.06624	.0858656	.0579911
#2	1.727817	141.8215	300.8260	12.02559	.0856008	.0568049
#3	1.719609	142.2071	305.8790	12.20451	.0858066	.0572118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.290077	-.286652	13.35353	9.436412	10.91241	.3039393
Stddev	.052840	.014334	.10772	.022421	.01252	.0031489
%RSD	1.231675	5.000393	.8066756	.2376041	.1147635	1.036040

#1	4.242392	-.285502	13.41807	9.445240	10.91558	.3004954
#2	4.346883	-.301526	13.41336	9.453076	10.89860	.3046511
#3	4.280955	-.272928	13.22918	9.410921	10.92304	.3066714

Sample Name: K2940-14 Acquired: 05/29/2019 20:16:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	-.008530	1297.736	34.63818	.0001251	.2213357	.0154411
Stddev	.000401	3.677	.29119	.0008217	.0013375	.0003583
%RSD	4.702488	.2833322	.8406667	656.7622	.6043006	2.320505

#1	-.008812	1298.175	34.37520	.0009522	.2200393	.0158527
#2	-.008071	1293.859	34.58821	.0001141	.2227108	.0152713
#3	-.008707	1301.173	34.95112	-.000691	.2212569	.0151992

Elem	Sr4077
Units	ppm
Avg	.3659499
Stddev	.0006620
%RSD	.1808977

#1	.3652367
#2	.3665447
#3	.3660683

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.331	3633.700	65340.78	15753.79	3058.368
Stddev	20.976	9.600	290.32	125.42	9.641
%RSD	.7071417	.2641806	.4443144	.7961086	.3152425

#1	2948.598	3628.273	65097.59	15866.90	3057.159
#2	2960.908	3644.784	65262.56	15775.56	3068.556
#3	2989.486	3628.044	65662.20	15618.91	3049.387

Sample Name: CCV051 Acquired: 05/29/2019 20:20:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.588738	4.760289	24.41586	4.518005	4.809487	411.3799
Stddev	.021436	.018448	.03989	.012247	.002955	2.3059
%RSD	.4671534	.3875379	.1633627	.2710690	.0614425	.5605374

#1	4.589879	4.747907	24.39255	4.530693	4.812419	408.8482
#2	4.566753	4.751469	24.39311	4.506252	4.806509	411.9317
#3	4.609581	4.781491	24.46192	4.517071	4.809533	413.3599

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16184	.4829469	2.409652	410.2307	14.69704	2.506766
Stddev	.00539	.0083759	.003180	5.4375	.07800	.001166
%RSD	.0529936	1.734338	.1319883	1.325480	.5307228	.0465322

#1	10.16127	.4750358	2.406958	404.4227	14.61202	2.506103
#2	10.16748	.4820841	2.408837	411.0692	14.71378	2.506081
#3	10.15676	.4917208	2.413161	415.2003	14.76530	2.508112

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.81349	411.8463	14.49905	405.9011	2.484249	1.240563
Stddev	.04696	3.6932	.19624	4.6956	.000872	.006946
%RSD	.3170299	.8967506	1.353437	1.156831	.0350892	.5599166

#1	14.76624	407.8406	14.29440	400.8532	2.483654	1.237792
#2	14.81407	412.5821	14.51712	406.7110	2.483843	1.248467
#3	14.86016	415.1163	14.68563	410.1390	2.485250	1.235431

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.3890	2.477554	14.84126	152.3734	F 4.467260	4.940375
Stddev	3.5579	.020025	.23740	.6778	.017600	.069555
%RSD	.8712059	.8082383	1.599569	.4448251	.3939764	1.407887

#1	404.4176	2.456125	15.08543	151.7453	4.474393	4.870812
#2	409.4638	2.480746	14.82708	152.2830	4.447213	4.940391
#3	411.2856	2.495791	14.61127	153.0919	4.480174	5.009921

Sample Name: CCV051 Acquired: 05/29/2019 20:20:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.927516	5.046914	4.767460	4.964390	4.940252	5.062851
Stddev	.007826	.034703	.083737	.010233	.023218	.007205
%RSD	.1588317	.6876099	1.756429	.2061376	.4699668	.1423107
#1	4.936000	5.086968	4.686383	4.956853	4.916145	5.054910
#2	4.920577	5.027933	4.762372	4.960276	4.942146	5.068970
#3	4.925970	5.025842	4.853625	4.976040	4.962464	5.064674

Elem	Sr4077
Units	ppm
Avg	4.995392
Stddev	.105757
%RSD	2.117087
#1	4.874699
#2	5.039634
#3	5.071844

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1651.123	2034.642	39203.68	9474.656	2587.572
Stddev	14.171	4.555	172.07	122.458	1.014
%RSD	.8582362	.2238520	.4389190	1.292481	.0391816
#1	1637.300	2029.384	39195.41	9598.583	2586.402
#2	1650.450	2037.193	39035.90	9471.662	2588.189
#3	1665.618	2037.350	39379.75	9353.722	2588.126

Sample Name: K2940-15 Acquired: 05/29/2019 20:28:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	2.571030	.2370098	.0765806	-.039968	-.004379	27.78568
Stddev	.001242	.0029130	.0023939	.001788	.000412	.02763
%RSD	.0482961	1.229066	3.125958	4.472523	9.417629	.0994432

#1	2.569650	.2395485	.0780819	-.039097	-.004521	27.79013
#2	2.572056	.2376515	.0778400	-.042024	-.004702	27.81081
#3	2.571383	.2338294	.0738199	-.038783	-.003915	27.75609

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486323	.0022532	.0420063	131.8627	-.060476	.1661010
Stddev	.0004262	.0000427	.0004103	1.1128	.000258	.0008664
%RSD	.8763195	1.894019	.9766855	.8439347	.4271548	.5216143

#1	.0481795	.0022310	.0420083	131.6106	-.060421	.1667539
#2	.0490256	.0022263	.0424156	133.0799	-.060758	.1664310
#3	.0486916	.0023024	.0415951	130.8975	-.060250	.1651181

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6338510	79.28702	F 343.7817	11.41520	.1026099	.1407389
Stddev	.0031642	.39303	2.2333	.05779	.0009834	.0008358
%RSD	.4991945	.4957043	.6496143	.5062514	.9584070	.5938490

#1	.6361791	79.01133	342.5554	11.38282	.1035892	.1411989
#2	.6351255	79.73706	346.3595	11.48192	.1026183	.1397742
#3	.6302484	79.11266	342.4303	11.38086	.1016224	.1412437

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.601719	-.515076	18.38551	3.307143	3.880941	.4349501
Stddev	.018568	.011648	.22258	.023032	.019610	.0026623
%RSD	.3314734	2.261381	1.210609	.6964376	.5052968	.6121017

#1	5.595026	-.526503	18.30064	3.295581	3.898860	.4355023
#2	5.622705	-.515504	18.21785	3.333665	3.883970	.4372930
#3	5.587425	-.503219	18.63804	3.292181	3.859992	.4320549

Sample Name: K2940-15 Acquired: 05/29/2019 20:28:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.0134544	1328.861	3.773534	-.005042	.0011265	.0168944
Stddev	.0001673	7.208	.029534	.000977	.0005280	.0008445
%RSD	1.243772	.5424214	.7826608	19.38810	46.86943	4.998542
#1	.0136390	1331.872	3.773350	-.004048	.0005185	.0174638
#2	.0133127	1334.075	3.803160	-.006002	.0014695	.0172953
#3	.0134114	1320.636	3.744093	-.005075	.0013914	.0159242

Elem	Sr4077
Units	ppm
Avg	.0269911
Stddev	.0000547
%RSD	.2025195
#1	.0270484
#2	.0269395
#3	.0269854

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.061	3638.066	65789.26	15538.15	3086.422
Stddev	12.480	9.477	229.32	161.11	14.551
%RSD	.4204816	.2604822	.3485695	1.036895	.4714363
#1	2976.930	3641.293	65664.11	15538.36	3077.421
#2	2973.462	3627.398	66053.93	15376.92	3078.637
#3	2953.790	3645.508	65649.74	15699.15	3103.209

Sample Name: CCB051 Acquired: 05/29/2019 20:24:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008915	.0036381	.0004067	-.000831	-.001197	-.011753
Stddev	.0022731	.0016614	.0010729	.001069	.001271	.003406
%RSD	254.9739	45.66638	263.8037	128.6987	106.1563	28.98333

#1	.0034930	.0027473	.0014231	.000174	.000143	-.007834
#2	-.000108	.0026121	-.000715	-.001954	-.001350	-.013414
#3	-.000711	.0055550	.000512	-.000712	-.002384	-.014010

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001827	.0000701	.0000364	-.012434	-.000014	.0001279
Stddev	.000329	.0000273	.0000664	.007846	.000068	.0001616
%RSD	17.98920	38.84267	182.3610	63.09899	499.6230	126.3376

#1	-.002037	.0000430	.0000506	-.005794	-.000088	.0000580
#2	-.001448	.0000699	-.000036	-.021091	.000044	.0000130
#3	-.001996	.0000975	.000095	-.010417	.000003	.0003127

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001194	.0052392	.0014569	-.015324	.0008066	.0006943
Stddev	.000513	.0042169	.0004975	.006965	.0000329	.0002754
%RSD	42.98865	80.48668	34.15115	45.44808	4.079632	39.66615

#1	-.001303	.0064172	.0012797	-.022134	.0008355	.0006894
#2	-.001643	.0005586	.0010721	-.015624	.0007708	.0009721
#3	-.000635	.0087419	.0020187	-.008215	.0008136	.0004214

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2618702	-.000927	.0018318	.1203484	.0030482	.0060212
Stddev	.0276228	.001668	.0013733	.0324593	.0009616	.0002757
%RSD	10.54828	179.9403	74.96862	26.97110	31.54536	4.579063

#1	.2313679	.000370	.0029206	.1286200	.0027150	.0062391
#2	.2690452	-.002809	.0022858	.1478716	.0022976	.0057112
#3	.2851976	-.000342	.0002890	.0845536	.0041321	.0061132

Sample Name: CCB051 Acquired: 05/29/2019 20:24:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000737	F .2970376	-.000353	.0006205	.0004776	.0052671
Stddev	.0004199	.0165512	.001236	.0019295	.0004461	.0016783
%RSD	569.7530	5.572085	350.0408	310.9689	93.40766	31.86353
#1	.0005576	.3135989	-.000269	.0027917	-.000012	.0066823
#2	-.000194	.2970173	.000839	-.000032	.000862	.0057061
#3	-.000142	.2804966	-.001628	-.000898	.000582	.0034130

Elem	Sr4077
Units	ppm
Avg	.0000472
Stddev	.0000862
%RSD	182.5876
#1	.0001451
#2	-.000017
#3	.000014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.248	2359.839	41968.73	10056.96	2986.221
Stddev	7.046	1.712	88.48	65.59	2.575
%RSD	.3705788	.0725302	.2108311	.6521517	.0862263
#1	1902.517	2360.622	41961.62	10131.61	2989.165
#2	1893.654	2361.019	41884.02	10008.57	2985.109
#3	1907.573	2357.876	42060.55	10030.71	2984.389

Sample Name: K2940-17 Acquired: 05/29/2019 20:36:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	1.537269	.0051469	1.432355	-.009381	-.001320	35.27968	.0497446
Stddev	.004565	.0007578	.001172	.001140	.001023	.04339	.0002090
%RSD	.2969631	14.72270	.0818324	12.15591	77.53372	.1229813	.4201172

#1	1.534880	.0046169	1.433589	-.010593	-.002111	35.32930	.0497213
#2	1.542533	.0048090	1.431256	-.009221	-.001684	35.26090	.0495483
#3	1.534395	.0060149	1.432219	-.008329	-.000164	35.24886	.0499643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124178	.0475200	56.44255	.0054681	.0566739	2.392871	29.97204
Stddev	.0001971	.0000202	.34884	.0001358	.0003298	.006845	.13712
%RSD	1.587333	.0424794	.6180474	2.483099	.5819020	.2860567	.4574819

#1	.0126310	.0475238	56.83027	.0056177	.0564394	2.400497	30.11265
#2	.0123805	.0474982	56.34327	.0053526	.0570510	2.387259	29.83870
#3	.0122421	.0475380	56.15411	.0054341	.0565314	2.390858	29.96477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96764	8.942726	.0261166	-.002333	4.279780	.1240384	1.433335
Stddev	.09254	.060873	.0007157	.000273	.024573	.0012486	.025815
%RSD	.8437220	.6807034	2.740557	11.69651	.5741625	1.006641	1.801056

#1	11.06549	8.990906	.0268943	-.002019	4.251689	.1226043	1.406697
#2	10.95590	8.962961	.0254856	-.002464	4.297294	.1246267	1.435069
#3	10.88154	8.874313	.0259699	-.002516	4.290355	.1248842	1.458240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.119651	13.84757	.2860181	.0016424	1148.233	25.04499	-.002874
Stddev	.015223	.03469	.0020895	.0002806	3.587	.32848	.000323
%RSD	.1669260	.2504917	.7305291	17.08516	.3124359	1.311568	11.24933

#1	9.130809	13.85343	.2882014	.0013197	1149.973	25.40903	-.002733
#2	9.125835	13.87895	.2858158	.0017782	1150.619	24.95520	-.003244
#3	9.102309	13.81033	.2840372	.0018292	1144.107	24.77073	-.002645

Sample Name: K2940-17 Acquired: 05/29/2019 20:36:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.1545511	.0076382	.3163867
Stddev	.0008051	.0010480	.0006388
%RSD	.5209558	13.72065	.2019048

#1	.1544502	.0083053	.3171025
#2	.1554020	.0064303	.3161829
#3	.1538012	.0081791	.3158746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3106.588	3828.406	69502.68	16538.04	3227.795
Stddev	12.434	11.833	76.79	174.22	9.389
%RSD	.4002447	.3090827	.1104838	1.053465	.2908724

#1	3120.586	3821.640	69521.29	16340.83	3221.480
#2	3096.826	3821.508	69418.29	16602.24	3223.320
#3	3102.350	3842.069	69568.45	16671.06	3238.584

Sample Name: K2940-16 Acquired: 05/29/2019 20:32:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1594368	k 3.487811	3.255925	k .4695383	k -.012575	k 7.623560	.0098190
Stddev	.0011742	.007367	.003112	.0010568	.000346	.007854	.0001696
%RSD	.7364411	.2112140	.0955672	.2250629	2.753415	.1030163	1.727338

#1	k .1601145	k 3.488464	3.252332	k .4683391	k -.012593	k 7.625972	.0098770
#2	k .1601148	k 3.480139	3.257770	k .4699427	k -.012912	k 7.629925	.0096280
#3	k .1580810	k 3.494829	3.257672	k .4703332	k -.012221	k 7.614783	.0099520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049648	k .1633387	k 40.33843	k .1625037	.0265390	k 1.281905	k 103.2935
Stddev	.000108	.0002935	.20524	.0026471	.0006438	.003037	.4156
%RSD	.2178024	.1796939	.5087838	1.628956	2.426032	.2369330	.4023223

#1	-.049765	k .1635932	k 40.57211	k .1646417	.0264961	k 1.281296	k 103.7731
#2	-.049552	k .1634052	k 40.25572	k .1633264	.0272032	k 1.279219	k 103.0402
#3	-.049627	k .1630176	k 40.18744	k .1595429	.0259177	k 1.285201	k 103.0671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	17.52290	.0245607	k .3923912	k 4.418309	^ *****	k 24.31223
Stddev	-----	.09294	.0003461	.0037388	.026135	-----	.07382
%RSD	-----	.5304195	1.409330	.9528252	.5915086	-----	.3036340

#1	^ -----	17.63018	.0246460	k .3916305	k 4.394654	^ -----	k 24.33234
#2	^ -----	17.46667	.0241798	k .3964518	k 4.446365	^ -----	k 24.23043
#3	^ -----	17.47184	.0248561	k .3890912	k 4.413908	^ -----	k 24.37390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.590581	k -1.16879	k -.019762	-.035765	k 1251.334	15.10050	-.011619
Stddev	.026691	.00733	.002223	.000200	1.249	.02263	.003216
%RSD	.5814380	.6271336	11.24678	.5599228	.0998233	.1498680	27.68186

#1	4.619840	k -1.17647	k -.021575	-.035934	k 1251.962	15.09748	-.010702
#2	4.567562	k -1.16804	k -.020430	-.035543	k 1252.146	15.12449	-.008961
#3	4.584342	k -1.16186	k -.017283	-.035816	k 1249.896	15.07953	-.015195

Sample Name: K2940-16 Acquired: 05/29/2019 20:32:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0032732	.0051442	.0712543
Stddev	.0002434	.0001177	.0001051
%RSD	7.436452	2.288466	.1474601

#1	.0033601	.0052792	.0713717
#2	.0034614	.0050903	.0712221
#3	.0029983	.0050630	.0711691

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4506.266	5416.251	95652.30	22863.85	2878.895
Stddev	21.901	9.662	405.47	126.53	4.658
%RSD	.4860073	.1783877	.4238971	.5534273	.1618014

#1	4481.108	5418.472	95201.62	22719.35	2874.401
#2	4521.066	5424.609	95767.78	22917.33	2878.583
#3	4516.625	5405.672	95987.50	22954.86	2883.701

Sample Name: K2940-18 Acquired: 05/29/2019 20:40:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	1.813638	.0073225	.6019193	-.007419	.0002825	20.24785	.0562073
Stddev	.002373	.0013513	.0014247	.000881	.0004469	.06040	.0006196
%RSD	.1308283	18.45369	.2366876	11.87041	158.1775	.2982904	1.102406

#1	1.813532	.0088777	.6003711	-.006826	-.000092	20.18371	.0566314
#2	1.816062	.0066555	.6031750	-.008431	.000777	20.30364	.0564944
#3	1.811320	.0064345	.6022118	-.007001	.000162	20.25621	.0554962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079879	.0466716	33.95518	.0026325	.0238243	2.796296	14.58892
Stddev	.0000801	.0001691	.11293	.0001756	.0000333	.003688	.06571
%RSD	1.002433	.3623236	.3325909	6.670817	.1397832	.1318932	.4504000

#1	.0079738	.0466402	33.86743	.0025547	.0238522	2.794412	14.52519
#2	.0080741	.0465204	34.08259	.0028335	.0238332	2.800546	14.65644
#3	.0079158	.0468542	33.91553	.0025092	.0237874	2.793931	14.58512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.464740	6.735551	.0374163	.0118000	3.689350	.1677238	1.593104
Stddev	.043261	.007766	.0002750	.0000810	.140515	.0003936	.011757
%RSD	.5795316	.1152995	.7349931	.6860482	3.808673	.2346464	.7380026

#1	7.424484	6.728654	.0377284	.0118924	3.792058	.1678464	1.585759
#2	7.510482	6.743963	.0373110	.0117414	3.746776	.1672835	1.586889
#3	7.459255	6.734037	.0372096	.0117662	3.529217	.1680415	1.606664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.24643	5.071330	.2631849	.0015156	1128.421	15.32188	-.002677
Stddev	.03695	.012741	.0033497	.0000213	1.743	.13601	.000273
%RSD	.3605659	.2512440	1.272740	1.405642	.1544711	.8876649	10.20176

#1	10.27619	5.068786	.2645536	.0015025	1129.482	15.41002	-.002938
#2	10.25802	5.060053	.2656334	.0015041	1129.372	15.39038	-.002699
#3	10.20507	5.085152	.2593676	.0015402	1126.409	15.16524	-.002393

Sample Name: K2940-18 Acquired: 05/29/2019 20:40:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.0313158	.0017070	.2554483
Stddev	.0003714	.0002847	.0003434
%RSD	1.185888	16.67768	.1344183

#1	.0311294	.0019174	.2552169
#2	.0317435	.0013831	.2558428
#3	.0310746	.0018206	.2552851

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.591	3735.003	67770.11	16040.52	3266.486
Stddev	5.040	12.568	205.95	149.76	2.447
%RSD	.1658697	.3364801	.3038936	.9336229	.0749091

#1	3039.751	3726.900	67829.63	16005.46	3266.451
#2	3033.072	3728.629	67540.96	15911.40	3264.057
#3	3042.950	3749.480	67939.75	16204.70	3268.950

Sample Name: K2940-19 Acquired: 05/29/2019 20:44:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	3.782742	.0070467	2.854586	-.005581	.0053568	26.25742	.0802116
Stddev	.010597	.0020335	.002680	.001161	.0010320	.05971	.0007166
%RSD	.2801394	28.85803	.0938713	20.80770	19.26490	.2274182	.8934014

#1	3.793347	.0064303	2.853027	-.006893	.0060385	26.32414	.0808654
#2	3.782727	.0093171	2.857680	-.005162	.0058623	26.23910	.0794454
#3	3.772153	.0053927	2.853051	-.004687	.0041695	26.20901	.0803240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057436	.0205201	24.44772	.0134765	.0132057	2.260426	21.94422
Stddev	.0000672	.0000318	.11559	.0002893	.0000982	.002985	.10143
%RSD	1.169795	.1550734	.4728115	2.146672	.7439217	.1320770	.4622257

#1	.0057498	.0204965	24.58099	.0137651	.0132230	2.262645	22.04322
#2	.0058074	.0205563	24.37473	.0134778	.0132941	2.257032	21.94892
#3	.0056735	.0205076	24.38744	.0131865	.0131000	2.261602	21.84052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.911592	4.098577	.0150282	-.002785	4.606055	.1171888	1.258877
Stddev	.018622	.017868	.0002671	.000309	.139884	.0005746	.010010
%RSD	.6395874	.4359619	1.777553	11.08655	3.036968	.4903250	.7951653

#1	2.933067	4.084258	.0153140	-.002434	4.702879	.1170660	1.251807
#2	2.901805	4.118601	.0147848	-.003015	4.669610	.1166856	1.270331
#3	2.899904	4.092873	.0149858	-.002905	4.445677	.1178149	1.254494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.290781	10.57126	.3688827	.0405614	1216.135	17.16159	-.002803
Stddev	.031420	.00966	.0029628	.0003170	2.088	.09637	.001091
%RSD	.4309493	.0913676	.8031864	.7815982	.1716753	.5615242	38.92181

#1	7.327061	10.56458	.3719929	.0404729	1218.186	17.26427	-.004058
#2	7.272784	10.56686	.3660935	.0409133	1214.012	17.07311	-.002266
#3	7.272500	10.58233	.3685617	.0402980	1216.207	17.14741	-.002084

Sample Name: K2940-19 Acquired: 05/29/2019 20:44:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) 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	.1031428	.0035613	.1372285
Stddev	.0007439	.0001554	.0001636
%RSD	.7211846	4.362949	.1192067

#1	.1035346	.0037151	.1373968
#2	.1022850	.0034044	.1372186
#3	.1036090	.0035644	.1370701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2566.494	3173.602	56991.04	13522.42	3217.580
Stddev	11.916	2.093	262.21	38.24	2.724
%RSD	.4642801	.0659530	.4600848	.2827727	.0846735

#1	2574.900	3171.950	56964.21	13482.84	3214.884
#2	2552.858	3175.956	56743.28	13559.16	3217.523
#3	2571.724	3172.900	57265.63	13525.26	3220.332

Sample Name: K2941-01 Acquired: 05/29/2019 20:48:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA083 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2333901	.0083497	.1413194	-.007280	.0036810	7.107760	.0584221
Stddev	.0024602	.0016211	.0009492	.001626	.0005619	.009579	.0002786
%RSD	1.054114	19.41531	.6716393	22.33168	15.26478	.1347699	.4768551

#1	.2362113	.0095477	.1407772	-.005621	.0043283	7.116971	.0583727
#2	.2316912	.0089963	.1424154	-.008871	.0033189	7.108457	.0587220
#3	.2322678	.0065051	.1407656	-.007349	.0033959	7.097851	.0581715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004299	.0021019	2.337719	-.005277	.0054925	.0887388	23.04822
Stddev	.0000043	.0001764	.027448	.000361	.0002646	.0006967	.15113
%RSD	1.007701	8.390159	1.174150	6.835861	4.817277	.7850888	.6557126

#1	.0004254	.0019068	2.360377	-.004861	.0053296	.0883111	23.21438
#2	.0004301	.0021488	2.307197	-.005469	.0057978	.0883625	22.91895
#3	.0004341	.0022500	2.345584	-.005501	.0053501	.0895427	23.01133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.65582	.3566291	.0030689	.0334863	5.419784	.0003514	.8267938
Stddev	.11536	.0303189	.0000204	.0001911	.235773	.0006852	.0066037
%RSD	.7871234	8.501514	.6642625	.5706583	4.350220	194.9739	.7987078

#1	14.76651	.3343063	.0030798	.0337023	5.597734	.0011128	.8288117
#2	14.53630	.3444343	.0030814	.0334171	5.152374	-.000216	.8321531
#3	14.66466	.3911465	.0030453	.0333394	5.509243	.000157	.8194166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.119329	.5953204	.4141398	-.000559	1175.555	4.019519	-.001086
Stddev	.005846	.0051603	.0023363	.000112	1.597	.024471	.000654
%RSD	.1419043	.8668111	.5641257	20.10407	.1358428	.6088097	60.23199

#1	4.125178	.5894473	.4164429	-.000687	1177.337	4.047197	-.001477
#2	4.113487	.5973861	.4117717	-.000512	1174.253	4.010611	-.001450
#3	4.119321	.5991278	.4142049	-.000478	1175.076	4.000750	-.000331

Sample Name: K2941-01 Acquired: 05/29/2019 20:48:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA083 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0035208	-.002513	.0412981
Stddev	.0006334	.000746	.0001719
%RSD	17.98959	29.69224	.4162374

#1	.0033247	-.001704	.0411380
#2	.0042291	-.003174	.0414797
#3	.0030088	-.002660	.0412767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.063	2981.678	53792.70	12997.48	3192.390
Stddev	10.714	2.012	61.42	87.96	2.849
%RSD	.4403299	.0674853	.1141832	.6767789	.0892466

#1	2431.668	2982.866	53863.56	12904.97	3195.595
#2	2423.115	2979.355	53754.71	13080.05	3190.144
#3	2444.406	2982.814	53759.82	13007.41	3191.432

Sample Name: K2941-02 Acquired: 05/29/2019 20:52:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1481093	.0078406	.0350710	-.006649	-.003646	4.358436	.0876970
Stddev	.0025100	.0001676	.0022408	.001510	.000671	.006427	.0011600
%RSD	1.694711	2.137046	6.389191	22.70241	18.40547	.1474681	1.322716

#1	.1466635	.0080244	.0350942	-.007069	-.004125	4.364553	.0888893
#2	.1510076	.0078010	.0328187	-.007904	-.002879	4.359018	.0876293
#3	.1466569	.0076964	.0373001	-.004974	-.003935	4.351738	.0865723

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028042	.0058657	24.03164	-.002532	.0061652	.3016377	5.301967
Stddev	.0000222	.0000662	.09292	.000221	.0003134	.0007910	.023021
%RSD	.7923958	1.128035	.3866406	8.728164	5.083605	.2622199	.4341978

#1	.0028123	.0059420	23.92534	-.002580	.0060564	.3025436	5.275396
#2	.0028212	.0058308	24.07216	-.002291	.0059206	.3010841	5.314553
#3	.0027791	.0058243	24.09741	-.002725	.0065185	.3012854	5.315950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.17056	3.871003	.0215468	.0040179	4.929453	.0105132	1.201047
Stddev	.02865	.019937	.0004310	.0002575	.204886	.0004347	.012324
%RSD	.1771905	.5150225	2.000552	6.407921	4.156360	4.135176	1.026132

#1	16.14605	3.848988	.0216824	.0042809	4.753541	.0107687	1.192154
#2	16.16356	3.876183	.0218937	.0037663	4.880408	.0107597	1.195872
#3	16.20206	3.887839	.0210642	.0040066	5.154410	.0100112	1.215115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.864983	.7269630	.3717191	-.000672	1021.983	5.829739	-.002741
Stddev	.020890	.0037884	.0005823	.000168	1.725	.024063	.000214
%RSD	.3042913	.5211235	.1566539	24.94661	.1687658	.4127586	7.810604

#1	6.848684	.7255203	.3712244	-.000771	1020.910	5.851848	-.002622
#2	6.857732	.7312608	.3723609	-.000478	1021.066	5.833259	-.002988
#3	6.888531	.7241079	.3715721	-.000765	1023.973	5.804110	-.002614

Sample Name: K2941-02 Acquired: 05/29/2019 20:52:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA084 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0361037	.0014678	.5612167
Stddev	.0003757	.0005703	.0011005
%RSD	1.040640	38.85234	.1960908

#1	.0365053	.0013024	.5600337
#2	.0357608	.0009984	.5614065
#3	.0360451	.0021024	.5622100

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.181	3019.918	54505.24	13045.12	3215.563
Stddev	17.420	7.326	245.32	24.75	3.507
%RSD	.7103842	.2425821	.4500878	.1897052	.1090605

#1	2466.933	3012.006	54483.02	13043.56	3212.199
#2	2456.646	3021.280	54760.92	13070.61	3219.197
#3	2432.963	3026.466	54271.79	13021.18	3215.292

Sample Name: K2941-04 Acquired: 05/29/2019 21:00:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA093 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.875806	.0066355	.2085631	-.005585	.0060713	32.05358	.0891360
Stddev	.011713	.0013186	.0021027	.001332	.0012910	.04113	.0002249
%RSD	.6244352	19.87226	1.008167	23.85627	21.26402	.1283011	.2522770

#1	1.880139	.0062942	.2061948	-.006425	.0045860	32.00858	.0890676
#2	1.884736	.0080912	.2102102	-.004049	.0069244	32.06295	.0893871
#3	1.862544	.0055211	.2092844	-.006282	.0067033	32.08922	.0889532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059311	.0232134	61.83809	.0177050	.0081964	1.835016	20.99574
Stddev	.0000309	.0001445	.06780	.0003765	.0002536	.000284	.02216
%RSD	.5214676	.6227011	.1096354	2.126756	3.094100	.0154802	.1055322

#1	.0058980	.0233543	61.79208	.0180677	.0080905	1.835290	20.97715
#2	.0059593	.0232204	61.80624	.0173160	.0084858	1.835035	21.02026
#3	.0059361	.0230655	61.91594	.0177312	.0080130	1.834723	20.98983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.819225	9.925590	.0207163	-.001036	6.023908	.0465363	1.535088
Stddev	.003191	.037253	.0005614	.000078	.191842	.0005393	.014651
%RSD	.1753935	.3753220	2.710114	7.507946	3.184672	1.158936	.9544394

#1	1.822023	9.925885	.0213259	-.000991	6.238934	.0461644	1.552004
#2	1.815750	9.962694	.0206027	-.001125	5.962505	.0471548	1.526399
#3	1.819901	9.888190	.0202204	-.000990	5.870285	.0462897	1.526862

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.16051	11.31886	.3940863	.0004593	1271.127	23.72421	-.002955
Stddev	.03748	.06803	.0006754	.0003332	10.137	.04548	.001092
%RSD	.3082044	.6010127	.1713735	72.53014	.7974587	.1917196	36.93787

#1	12.20379	11.37295	.3941759	.0000786	1277.806	23.67376	-.003242
#2	12.13939	11.34114	.3947124	.0006976	1276.113	23.73680	-.003875
#3	12.13836	11.24248	.3933706	.0006018	1259.463	23.76207	-.001749

Sample Name: K2941-04 Acquired: 05/29/2019 21:00:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA093 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2342832	.0063793	.4289801
Stddev	.0011326	.0013733	.0002893
%RSD	.4834207	21.52695	.0674444

#1	.2331682	.0048809	.4286767
#2	.2342487	.0066792	.4290107
#3	.2354326	.0075778	.4292529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.881	2643.424	47819.76	11379.84	3202.895
Stddev	8.254	18.156	123.93	46.01	18.946
%RSD	.3830388	.6868495	.2591613	.4043202	.5915262

#1	2145.367	2631.416	47890.95	11427.26	3184.106
#2	2159.139	2634.545	47676.66	11376.90	3202.586
#3	2160.137	2664.311	47891.67	11335.38	3221.994

Sample Name: K2941-03 Acquired: 05/29/2019 20:56:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA089 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1880585	.0061816	.0196934	-.001996	-.002688	6.840557	.1011026
Stddev	.0006632	.0020958	.0012786	.000487	.000460	.017011	.0009777
%RSD	.3526425	33.90447	6.492444	24.40879	17.10756	.2486779	.9669922

#1	.1887653	.0057889	.0202570	-.001841	-.002821	6.823013	.1021145
#2	.1874500	.0084460	.0182298	-.002542	-.003067	6.856979	.1001633
#3	.1879601	.0043099	.0205933	-.001606	-.002177	6.841680	.1010300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021738	.0009393	154.8782	.0016711	-.000024	.0203533	3.751867
Stddev	.0000536	.0000173	.9729	.0001593	.000131	.0021780	.028067
%RSD	2.467183	1.841409	.6281600	9.530127	540.0856	10.70117	.7480708

#1	.0021808	.0009254	153.8044	.0016004	.000127	.0225905	3.720210
#2	.0022236	.0009338	155.7010	.0015595	-.000094	.0182397	3.773706
#3	.0021170	.0009586	155.1292	.0018535	-.000106	.0202298	3.761684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9859007	22.23392	.0041069	.0025437	12.31302	.0288248	.5352133
Stddev	.0068532	.14307	.0002943	.0002296	.18786	.0016500	.0041734
%RSD	.6951208	.6434753	7.165698	9.027547	1.525710	5.724105	.7797555

#1	.9780482	22.11888	.0040058	.0025037	12.36723	.0285313	.5377519
#2	.9906758	22.39412	.0044384	.0023367	12.10402	.0273412	.5303966
#3	.9889781	22.18877	.0038764	.0027907	12.46782	.0306018	.5374913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.38486	4.579136	.4170442	.0001296	1003.335	27.96766	-.005242
Stddev	.04007	.008856	.0018178	.0002917	1.076	.16113	.000589
%RSD	.3519548	.1934020	.4358785	225.0323	.1072319	.5761399	11.22860

#1	11.36339	4.571141	.4164066	-.000089	1004.517	27.89348	-.005703
#2	11.36010	4.588655	.4190950	.000461	1002.412	28.15253	-.004579
#3	11.43109	4.577612	.4156311	.000017	1003.078	27.85698	-.005444

Sample Name: K2941-03 Acquired: 05/29/2019 20:56:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA089 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023927	.0201972	.6530698
Stddev	.0006566	.0010666	.0018783
%RSD	27.44127	5.280985	.2876105

#1	.0019718	.0200579	.6530096
#2	.0020570	.0192070	.6512223
#3	.0031492	.0213266	.6549774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.877	2526.240	45910.47	11074.85	3194.473
Stddev	5.012	3.932	142.67	32.91	3.383
%RSD	.2448798	.1556359	.3107654	.2971724	.1058871

#1	2045.045	2521.943	45812.63	11112.80	3191.272
#2	2052.548	2527.120	46074.18	11054.07	3194.136
#3	2043.038	2529.657	45844.60	11057.68	3198.012

Sample Name: K2941-05 Acquired: 05/29/2019 21:04:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6191200	.0091274	.4143673	-.009650	-.002241	9.198575
Stddev	.0010075	.0004630	.0008283	.003532	.000842	.029574
%RSD	.1627292	5.072980	.1999030	36.60519	37.58711	.3215100

#1	.6179729	.0096508	.4139826	-.006482	-.001534	9.168496
#2	.6195257	.0089601	.4138012	-.009010	-.003173	9.227617
#3	.6198613	.0087712	.4153180	-.013459	-.002015	9.199611

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0816092	.0078069	.0143692	33.10831	-.006269	.0879109
Stddev	.0004858	.0000806	.0000470	.12396	.000249	.0002936
%RSD	.5952499	1.032659	.3273781	.3744071	3.970970	.3340162

#1	.0819707	.0077208	.0143577	33.00563	-.006272	.0881909
#2	.0818000	.0078807	.0143289	33.24601	-.006517	.0879364
#3	.0810570	.0078192	.0144209	33.07329	-.006019	.0876053

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.855394	11.49412	F 36.31973	6.644608	.0311042	.2508778
Stddev	.006073	.02397	.30680	.043742	.0002796	.0012412
%RSD	.3273112	.2085090	.8447165	.6583008	.8990513	.4947619

#1	1.848581	11.50368	36.35878	6.678567	.0313846	.2498386
#2	1.857361	11.51183	36.60514	6.660006	.0311027	.2522522
#3	1.860239	11.46685	35.99528	6.595249	.0308253	.2505426

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.890038	.1816277	1.515650	8.567270	1.559916	.3095166
Stddev	.059587	.0030117	.008917	.044185	.005923	.0004080
%RSD	1.531786	1.658190	.5883144	.5157370	.3796795	.1318152

#1	3.953723	.1783484	1.514812	8.552330	1.566681	.3097927
#2	3.880752	.1842699	1.524956	8.616988	1.555664	.3090480
#3	3.835639	.1822647	1.507182	8.532493	1.557404	.3097091

Sample Name: K2941-05 Acquired: 05/29/2019 21:04:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000766	992.6196	10.87884	-.002363	.0495782	.0049844
Stddev	.000363	1.3304	.00792	.000332	.0006738	.0002067
%RSD	47.38491	.1340309	.0727854	14.03525	1.359131	4.146950

#1	-.001132	991.1376	10.87006	-.002463	.0499870	.0052181
#2	-.000760	993.0101	10.88101	-.001992	.0499471	.0048255
#3	-.000406	993.7110	10.88545	-.002632	.0488004	.0049095

Elem	Sr4077
Units	ppm
Avg	.9540600
Stddev	.0035382
%RSD	.3708526

#1	.9540520
#2	.9576021
#3	.9505258

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2305.277	2815.201	50875.35	12214.35	3191.878
Stddev	12.666	4.001	346.13	38.68	7.616
%RSD	.5494232	.1421116	.6803532	.3166581	.2386148

#1	2308.372	2818.925	51117.57	12223.29	3198.371
#2	2291.351	2810.972	50478.91	12171.99	3193.767
#3	2316.109	2815.707	51029.57	12247.78	3183.494

Sample Name: K2941-06 Acquired: 05/29/2019 21:08:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2357872	.0072053	.1152336	-.003851	-.003476	17.96434	.1047404
Stddev	.0015408	.0003007	.0004294	.001623	.001399	.07775	.0003351
%RSD	.6534654	4.173734	.3725953	42.15106	40.24907	.4327941	.3199657

#1	.2370691	.0068640	.1148318	-.004855	-.004699	18.03997	.1046834
#2	.2340778	.0074311	.1156860	-.001978	-.003777	17.96840	.1044374
#3	.2362147	.0073209	.1151829	-.004720	-.001951	17.88463	.1051004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082339	.0187993	92.48894	.0058191	.0282438	.4957570	12.98224
Stddev	.0001265	.0001087	.50698	.0001923	.0003365	.0013948	.05487
%RSD	1.536701	.5781506	.5481539	3.305153	1.191393	.2813468	.4226745

#1	.0083623	.0186740	92.87277	.0060404	.0286315	.4968297	12.98378
#2	.0082299	.0188565	92.67982	.0057242	.0280272	.4962610	13.03633
#3	.0081094	.0188674	91.91422	.0056927	.0280729	.4941802	12.92662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.058596	14.39890	.0313219	.0003636	3.508616	.0419212	.9442370
Stddev	.028123	.02391	.0001617	.0001684	.363649	.0014533	.0105969
%RSD	.6929182	.1660262	.5162368	46.31461	10.36446	3.466726	1.122267

#1	4.087217	14.42609	.0311352	.0003083	3.910982	.0426118	.9342675
#2	4.057571	14.38946	.0314120	.0005527	3.411438	.0402514	.9430775
#3	4.031000	14.38116	.0314185	.0002298	3.203429	.0429004	.9553659

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.52416	13.93078	.2478836	.0000520	1161.569	23.44229	-.003701
Stddev	.16468	.09533	.0030623	.0003085	5.037	.24059	.000485
%RSD	1.133841	.6843426	1.235394	592.8012	.4336192	1.026288	13.09432

#1	14.71428	13.89772	.2504788	.0000059	1157.978	23.69813	-.004252
#2	14.42580	13.85638	.2486660	.0003811	1159.402	23.40812	-.003341
#3	14.43241	14.03824	.2445059	-.000231	1167.326	23.22062	-.003511

Sample Name: K2941-06 Acquired: 05/29/2019 21:08:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA098 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2079285	.0070276	.5901954
Stddev	.0010400	.0012749	.0008529
%RSD	.5001809	18.14147	.1445143

#1	.2070164	.0055575	.5911761
#2	.2090611	.0076945	.5897838
#3	.2077079	.0078307	.5896264

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2247.997	2744.878	49894.92	11908.32	3191.277
Stddev	13.878	21.045	261.79	95.54	21.952
%RSD	.6173490	.7667040	.5246903	.8022594	.6878823

#1	2253.544	2762.338	50034.20	11801.91	3208.989
#2	2258.243	2750.786	50057.63	11986.72	3198.125
#3	2232.204	2721.510	49592.93	11936.33	3166.717

Sample Name: K2938-17 Acquired: 05/29/2019 21:16:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA104 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2786481	.0116757	2.362473	-.016741	.0015672	91.99373	3.001734
Stddev	.0038137	.0008724	.003830	.003269	.0006348	.23428	.005442
%RSD	1.368632	7.471992	.1621367	19.52698	40.50771	.2546683	.1812808

#1	.2823096	.0113111	2.365684	-.019238	.0008713	91.79965	3.007890
#2	.2789362	.0126712	2.363500	-.017944	.0021148	91.92757	2.997566
#3	.2746986	.0110447	2.358233	-.013041	.0017155	92.25398	2.999745

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091340	.0268041	60.21061	.1829828	.0724309	.8076037	149.0597
Stddev	.0001124	.0002399	.25236	.0012642	.0001549	.0020878	.5573
%RSD	1.230273	.8949503	.4191268	.6908745	.2138011	.2585126	.3738486

#1	.0090277	.0265650	60.05789	.1826589	.0723610	.8052751	148.9085
#2	.0092516	.0270448	60.07204	.1843774	.0723233	.8093084	148.5937
#3	.0091225	.0268026	60.50190	.1819120	.0726084	.8082275	149.6770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.21064	47.36977	.1697614	-.002681	1.303550	.2144771	4.028031
Stddev	.06352	.14763	.0007095	.000339	.156947	.0020370	.034819
%RSD	.5201692	.3116623	.4179462	12.66014	12.03998	.9497559	.8644143

#1	12.17325	47.27703	.1695980	-.002379	1.388208	.2121347	4.068050
#2	12.17469	47.29225	.1705384	-.003048	1.122451	.2158331	4.004670
#3	12.28397	47.54001	.1691479	-.002615	1.399991	.2154636	4.011373

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.36033	7.131627	.0450188	.0076872	10.52172	9.045857	.2230721
Stddev	.17508	.012953	.0010223	.0003252	.01176	.024872	.0010665
%RSD	.4686298	.1816237	2.270915	4.230904	.1117400	.2749511	.4781113

#1	37.45750	7.134149	.0447555	.0079870	10.53282	9.017394	.2223343
#2	37.15821	7.143133	.0441539	.0077330	10.52293	9.056771	.2242949
#3	37.46527	7.117599	.0461471	.0073414	10.50940	9.063405	.2225870

Sample Name: K2938-17 Acquired: 05/29/2019 21:16:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA104 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.267106	.0710191	.3304856
Stddev	.006539	.0008936	.0009760
%RSD	.2001543	1.258325	.2953221

#1	3.260587	.0707964	.3315973
#2	3.267066	.0702578	.3297695
#3	3.273665	.0720030	.3300899

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.619	2649.243	48039.56	11582.88	3041.856
Stddev	11.330	2.759	75.45	34.44	2.515
%RSD	.5268429	.1041536	.1570614	.2973122	.0826703

#1	2137.805	2646.792	47961.59	11616.00	3041.895
#2	2154.742	2652.231	48044.87	11585.38	3039.323
#3	2159.311	2648.704	48112.21	11547.26	3044.352

Sample Name: K2938-16 Acquired: 05/29/2019 21:12:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2835009	.0117733	.6253752	-.012008	.0021000	90.57603	3.107675
Stddev	.0048686	.0025042	.0014157	.002880	.0014317	.25886	.002963
%RSD	1.717311	21.27056	.2263743	23.98061	68.17488	.2857933	.0953338

#1	.2890873	.0141053	.6268610	-.009014	.0031746	90.75435	3.105732
#2	.2812526	.0120879	.6240419	-.012253	.0026505	90.27912	3.106207
#3	.2801627	.0091266	.6252227	-.014758	.0004748	90.69461	3.111085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086255	.0121593	33.15504	.1535233	.0465209	.7264795	112.7626
Stddev	.0000851	.0001645	.32532	.0004460	.0005170	.0016014	.5681
%RSD	.9866399	1.352607	.9811953	.2905151	1.111268	.2204380	.5037950

#1	.0087226	.0123199	33.50940	.1530084	.0460461	.7261773	113.3979
#2	.0085639	.0121668	32.86991	.1537917	.0464449	.7250506	112.3035
#3	.0085900	.0119912	33.08581	.1537696	.0470717	.7282104	112.5864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.096283	47.58403	.0964649	-.004544	1.441783	.1743223	1.097155
Stddev	.029181	.34479	.0002656	.000182	.102050	.0000677	.010468
%RSD	.9424559	.7245909	.2753269	4.007139	7.078030	.0388269	.9540811

#1	3.127799	47.96703	.0967496	-.004334	1.536103	.1743570	1.092440
#2	3.070200	47.29839	.0962237	-.004661	1.333451	.1743656	1.109151
#3	3.090850	47.48666	.0964214	-.004636	1.455795	.1742443	1.089874

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.84198	4.593617	.0270045	.0097538	1.447379	6.195949	.0233465
Stddev	.20936	.019221	.0006646	.0005023	.022228	.058372	.0008051
%RSD	.4567050	.4184338	2.460915	5.149700	1.535715	.9420988	3.448345

#1	46.01039	4.609566	.0268443	.0099185	1.470748	6.254201	.0238764
#2	45.60757	4.572275	.0264346	.0091899	1.444885	6.137458	.0224201
#3	45.90798	4.599010	.0277345	.0101531	1.426503	6.196190	.0237430

Sample Name: K2938-16 Acquired: 05/29/2019 21:12:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA101 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.016964	.0842878	.3465515
Stddev	.017722	.0014187	.0009367
%RSD	.2525590	1.683132	.2702864

#1	7.035348	.0852954	.3471476
#2	6.999987	.0826654	.3454719
#3	7.015557	.0849025	.3470351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.136	2559.219	46109.75	11150.23	3051.870
Stddev	5.493	10.411	215.43	92.49	7.339
%RSD	.2667791	.4067945	.4672172	.8295250	.2404870

#1	2054.075	2547.807	46092.00	11052.46	3043.941
#2	2058.355	2561.652	45903.74	11236.34	3058.425
#3	2064.978	2568.198	46333.51	11161.89	3053.243

Sample Name: CCV052 Acquired: 05/29/2019 21:24:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB052 Custom ID2: 5 Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.597501	4.762428	24.34838	F 4.499135	4.787510	404.8199
Stddev	.005286	.007289	.04718	.013321	.016755	4.7227
%RSD	.1149732	.1530553	.1937642	.2960877	.3499692	1.166617

#1	4.593258	4.757309	24.29705	4.483827	4.769079	408.9437
#2	4.595822	4.759202	24.35824	4.505485	4.801820	405.8483
#3	4.603422	4.770774	24.38985	4.508094	4.791632	399.6678

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11560	.4752184	2.402054	407.5066	14.59490	2.501183
Stddev	.01098	.0043300	.004858	2.6860	.03361	.005145
%RSD	.1085286	.9111592	.2022405	.6591263	.2302615	.2057017

#1	10.11378	.4790564	2.398079	409.2351	14.61930	2.495638
#2	10.10565	.4760744	2.400614	408.8725	14.60883	2.502108
#3	10.12738	.4705242	2.407469	404.4121	14.55657	2.505802

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.77706	410.5264	14.45988	402.3772	2.480238	1.235221
Stddev	.03707	1.9806	.11665	2.0652	.006041	.007354
%RSD	.2508336	.4824587	.8066973	.5132575	.2435709	.5953603

#1	14.75205	411.9143	14.53516	403.3603	2.474112	1.240744
#2	14.81965	411.4065	14.51896	403.7672	2.480412	1.238044
#3	14.75948	408.2582	14.32551	400.0041	2.486190	1.226873

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	404.7664	2.459727	15.06114	151.7563	F 4.462587	4.880591
Stddev	1.5857	.006457	.07052	.1700	.007404	.045883
%RSD	.3917499	.2625277	.4681986	.1120025	.1659139	.9401112

#1	405.7433	2.459266	14.97986	151.6010	4.469558	4.923139
#2	405.6190	2.466403	15.10604	151.9379	4.454815	4.886657
#3	402.9368	2.453513	15.09751	151.7300	4.463388	4.831976

Sample Name: CCV052 Acquired: 05/29/2019 21:24:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB052 Custom ID2: 5 Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890542	4.670502	4.706557	4.944203	4.922943	5.009610
Stddev	.015880	.007847	.049843	.004010	.008126	.003140
%RSD	.3247045	.1680225	1.059012	.0811124	.1650590	.0626867
#1	4.872206	4.670089	4.745487	4.941660	4.924892	5.012482
#2	4.899812	4.662869	4.723803	4.942124	4.929916	5.006257
#3	4.899608	4.678547	4.650381	4.948826	4.914019	5.010091

Elem	Sr4077
Units	ppm
Avg	4.978081
Stddev	.033756
%RSD	.6781009
#1	4.994788
#2	4.939229
#3	5.000226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.473	2071.464	39979.19	9750.715	2632.198
Stddev	7.611	5.932	118.51	76.720	5.266
%RSD	.4551041	.2863677	.2964400	.7868181	.2000747
#1	1675.225	2078.198	39961.38	9708.741	2635.220
#2	1663.868	2069.183	39870.59	9704.140	2635.256
#3	1678.325	2067.011	40105.60	9839.264	2626.116

Sample Name: K2938-18 Acquired: 05/29/2019 21:20:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA106 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2194136	-.000762	.3882858	-.008005	-.002052	12.46825	.1937061
Stddev	.0021441	.002076	.0010565	.001349	.000351	.01531	.0007053
%RSD	.9771982	272.3036	.2720888	16.85576	17.11846	.1227572	.3640891

#1	.2192962	.001098	.3888593	-.009421	-.002337	12.45457	.1930004
#2	.2173306	-.000384	.3889316	-.007857	-.002161	12.48478	.1937069
#3	.2216140	-.003001	.3870666	-.006735	-.001660	12.46542	.1944109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053444	.0044129	13.64047	-.003337	.0261392	.2848134	42.76361
Stddev	.0000631	.0001006	.11356	.000150	.0002115	.0010033	.20908
%RSD	1.181254	2.280228	.8325295	4.509246	.8090471	.3522536	.4889281

#1	.0053353	.0044051	13.76443	-.003490	.0263699	.2856350	42.98067
#2	.0054116	.0043164	13.61553	-.003189	.0260929	.2851100	42.74663
#3	.0052864	.0045172	13.54145	-.003333	.0259546	.2836953	42.56354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.654791	4.481883	.0102421	-.003446	.4288483	.1055935	.4283546
Stddev	.014160	.006933	.0005231	.000203	.1076968	.0002444	.0026195
%RSD	.8556954	.1546879	5.107039	5.902027	25.11303	.2314675	.6115299

#1	1.671009	4.488578	.0103865	-.003405	.3208297	.1058589	.4253498
#2	1.648477	4.482338	.0096620	-.003666	.4294947	.1053777	.4301575
#3	1.644886	4.474734	.0106777	-.003265	.5362204	.1055440	.4295564

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.815111	.9890203	.0157893	.0039237	.2880433	5.625794	-.000802
Stddev	.067048	.0027608	.0011970	.0002011	.0076589	.045405	.001603
%RSD	2.381730	.2791452	7.581095	5.125031	2.658953	.8070944	199.8042

#1	2.865084	.9905089	.0145062	.0041546	.2945467	5.677530	.000017
#2	2.738914	.9907174	.0159858	.0038297	.2899819	5.607288	-.002649
#3	2.841335	.9858347	.0168758	.0037868	.2796014	5.592564	.000225

Sample Name: K2938-18 Acquired: 05/29/2019 21:20:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0354294	.0023359	.1007763
Stddev	.0007491	.0008810	.0002133
%RSD	2.114435	37.71608	.2116185

#1	.0356707	.0014029	.1005634
#2	.0360281	.0031536	.1009899
#3	.0345893	.0024513	.1007755

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2946.855	3650.720	65724.43	15802.46	3070.122
Stddev	6.932	3.549	395.50	118.33	3.648
%RSD	.2352362	.0972255	.6017479	.7488094	.1188199

#1	2941.826	3651.172	65269.97	15672.82	3074.020
#2	2954.763	3654.022	65990.61	15829.90	3069.557
#3	2943.977	3646.966	65912.71	15904.65	3066.790

Sample Name: CCB052 Acquired: 05/29/2019 21:28:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000369	.0027172	.0028656	-.000457	-.002448	-.013727
Stddev	.001766	.0021077	.0002309	.001202	.000577	.001434
%RSD	479.2093	77.56987	8.056632	262.6928	23.55971	10.44421

#1	-.001085	.0011189	.0026001	-.001438	-.001848	-.013188
#2	.001643	.0019267	.0029769	.000883	-.002998	-.012640
#3	-.001664	.0051058	.0030197	-.000818	-.002498	-.015351

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002195	.0000383	.0000584	-.012018	-.000008	.0002656
Stddev	.000217	.0000306	.0000926	.007131	.000372	.0001652
%RSD	9.896429	79.89168	158.5920	59.34144	4662.996	62.22330

#1	-.001983	.0000257	.0001633	-.005489	.000268	.0000848
#2	-.002417	.0000160	-.000012	-.019628	.000138	.0003032
#3	-.002186	.0000733	.000024	-.010936	-.000430	.0004088

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000112	.0099846	.0005205	.0022447	.0007051	.0005442
Stddev	.001364	.0071284	.0001800	.0235579	.0001230	.0000957
%RSD	1216.308	71.39397	34.57601	1049.491	17.44483	17.58288

#1	-.001076	.0161826	.0005380	.0152858	.0008331	.0004370
#2	.001449	.0115763	.0006911	-.024950	.0005877	.0005745
#3	-.000709	.0021949	.0003324	.016398	.0006946	.0006211

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4192486	-.002725	.0004677	.1109721	.0038246	.0052825
Stddev	.1801803	.000255	.0004929	.0581033	.0010086	.0014182
%RSD	42.97697	9.371342	105.3888	52.35848	26.36998	26.84757

#1	.3461198	-.002495	.0001164	.1689384	.0034065	.0056671
#2	.2871295	-.003000	.0002556	.0527327	.0049750	.0064688
#3	.6244963	-.002681	.0010312	.1112452	.0030924	.0037117

Sample Name: CCB052 Acquired: 05/29/2019 21:28:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v893) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004044	F .1637277	-.000699	-.000149	.0007045	.0045584
Stddev	.0001941	.0084564	.000980	.001027	.0011882	.0012402
%RSD	48.00050	5.164898	140.2592	690.3084	168.6535	27.20674
#1	.0002978	.1705136	.000111	.000844	.0020701	.0058312
#2	.0002869	.1664153	-.000419	-.000083	.0001369	.0044902
#3	.0006284	.1542541	-.001788	-.001207	-.000093	.0033537

Elem	Sr4077
Units	ppm
Avg	.0000608
Stddev	.0000840
%RSD	138.1475
#1	.0000698
#2	.0001399
#3	-.000027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.581	2365.701	42359.83	10179.78	2990.218
Stddev	5.771	4.230	23.55	37.92	9.621
%RSD	.3027008	.1787891	.0555896	.3724743	.3217611
#1	1912.929	2363.725	42380.91	10164.62	2985.315
#2	1901.650	2362.822	42364.18	10151.79	2984.036
#3	1905.163	2370.557	42334.42	10222.93	3001.303